

SWIFT

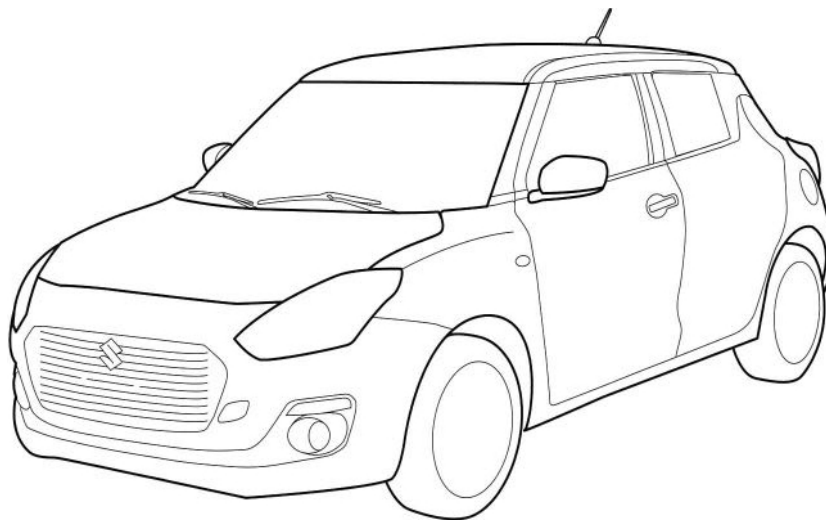
OWNER'S MANUAL

Keep With Vehicle At All Times.
Contains Important Information
On Safety, Operation & Maintenance.



Way of Life!

This owner's manual applies to the SWIFT series.



52RM00001

NOTE: The illustrated model is one of the SWIFT series.

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FOREWORD

This manual should be considered as a permanent part of the vehicle and should remain with the vehicle when resold or otherwise transferred to a new owner or operator. Please read this manual carefully before operating your new SUZUKI vehicle and review the manual from time to time. It contains important information on safety, operation and maintenance.

SUZUKI MOTOR CORPORATION

All information in this manual is based on the latest product information available at the time of publication. Due to improvements or other changes, there may be discrepancies between information in this manual and your vehicle. SUZUKI MOTOR CORPORATION reserves the right to make production changes at any time, without notice and without incurring any obligation to make the same or similar changes to vehicles previously built or sold.

This vehicle may not comply with standards or regulations of other countries. Before attempting to register this vehicle in any other country, check all applicable regulations and make any necessary modifications.

NOTE:

Please see the warning /abe/ named "Air bag symbol meaning" in "BEFORE DRIVING" section for information on front air bag protection.

IMPORTANT

A WARNING/A CAUTION/NOT/CE/NOTE

Please read this manual and follow its instructions carefully. To emphasize special information, the symbol **A** and the words **WARNING**, **CAUTION**, **NOTICE** and **NOTE** have special meanings. Pay particular attention to messages highlighted by these signal words:

A WARNING

Indicates a potential hazard that could result in death or serious injury.

A CAUTION

Indicates a potential hazard that could result in minor or moderate injury.

NOTICE

Indicates a potential hazard that could result in vehicle damage.

NOTE:

Indicates special information to make maintenance easier or instructions clearer.



75F135

The circle with a slash in this manual means "Do not do this" or "Do not let this happen".

MODIFICATION WARNING

WARNING

Do not modify this vehicle. Modification could adversely affect safety, handling, performance, or durability and may violate governmental regulations. In addition, damage or performance problems resulting from modification may not be covered under warranty.

NOTICE

Improper installation of mobile communication equipment such as cellular telephones, CB (Citizen's Band) radios or any other wireless transmitters may cause electronic interference with your vehicle's Ignition system, resulting in vehicle performance problems. Consult an authorized SUZUKI dealer or qualified service technician for advice.

NOTICE

The diagnostic connector of your vehicle is prepared only for the specific diagnostic tool for inspection and service purpose. Connecting any other tool or device may interfere with electronic parts operations and cause running out of batteries.

INTRODUCTION

Thank you for choosing SUZUKI product and welcome to our growing family. Your choice was a wise one; SUZUKI products have great value that will give you driving pleasure for years.

This owner's manual was prepared to give you a safe, enjoyable, and trouble-free experience with your SUZUKI vehicle. In this manual, you will learn about the vehicle's operation, its safety features and maintenance requirements. Please read the manual carefully before operating your vehicle. Afterwards, keep this manual in the glove box for further reference.

Should you resell the vehicle, please leave this manual with it for the next owner.

In addition to the owner's manual, the other booklets provided with your SUZUKI vehicle explain the vehicle's warranties. We recommend you read them as well to familiarize yourself with this important information.

When planning the regular scheduled maintenance of your SUZUKI vehicle, we recommend you visit your local SUZUKI dealer. Their factory-trained technicians will provide the best possible service and use only genuine SUZUKI parts and accessories or their equivalents.

NOTE:

"Suzuki dealer" means an Authorized Suzuki dealer and an Authorized Suzuki Service Workshop.

SUZUKI MOTOR CORPORATION

RECOMMENDATION OF GENUINE SUZUKI PARTS AND ACCESSORIES USE

SUZUKI strongly recommends the use of genuine SUZUKI parts* and accessories. Genuine SUZUKI parts and accessories are built to the highest standards of quality and performance, and are designed to fit your vehicle's exact specifications.

A wide variety of non-genuine replacement parts and accessories for SUZUKI vehicles are currently available in the market. Using these parts and accessories can affect the vehicle performance and shorten its useful life. Therefore, installation of non-genuine SUZUKI parts and accessories is not covered under warranty.

Non-genuine SUZUKI parts and accessories

Some parts and accessories may be approved by certain authorities in your country.

Some parts and accessories are sold as SUZUKI-authorized replacement parts and accessories. Some genuine SUZUKI parts and accessories are sold as re-use parts and accessories. These parts and accessories are non-genuine SUZUKI parts and accessories and use of these parts is not covered under warranty.

Re-use of genuine SUZUKI parts and accessories

The resale or re-use of the following items which could cause hazards for users is expressly forbidden:

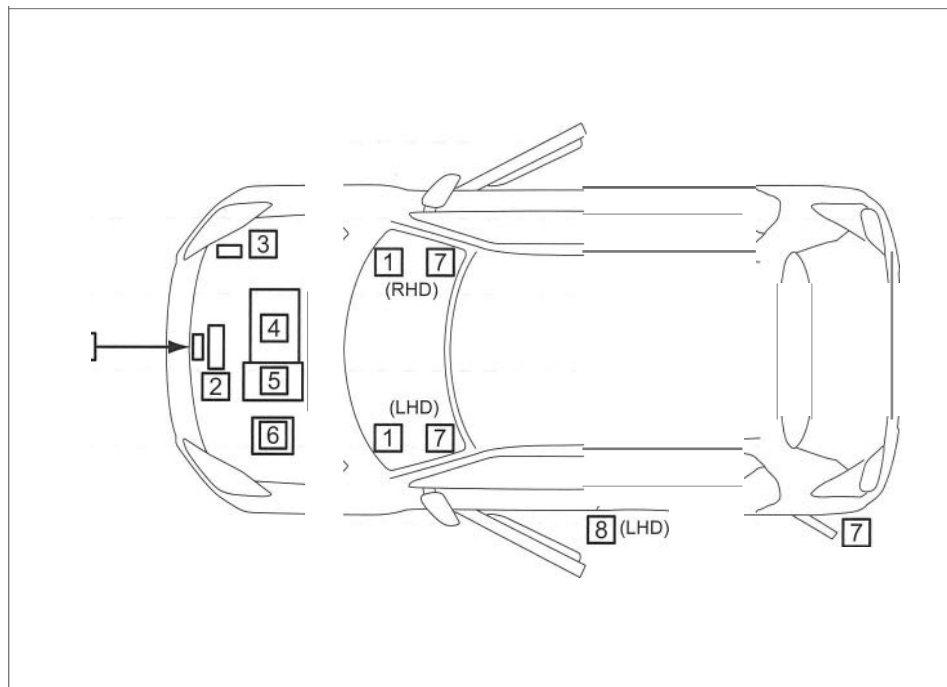
- Air bag components and all other pyrotechnic items, including their components (e.g. cushion, control devices and sensors)
- Seat belt system, including their components (e.g. webbing, buckles and retractors)

The air bag and seat belt pretensioner components contain explosive chemicals. These components should be removed and disposed of properly by SUZUKI-authorized service shop or scrap yard to avoid unintended explosion before scrapping.

*The parts remanufactured under SUZUKI's approval can be used as genuine SUZUKI parts in Europe.

SERVICE STATION GUIDE

1. Engine hood release handle
(see section 5)
2. Engine coolant (see section 7)
3. Windshield washer fluid
(see section 7)
4. Engine oil dipstick <Yellow>
(see section 7)
5. CVT fluid dipstick <Orange>
(see section 7)
6. Lead-acid battery (see section 7)
7. Fuel lid release lever
(see section 1 / see section 5)
8. Tire pressure (see tire information
label on driver's door lock pillar)
9. Tire/wheel replacement tools
(see section 8)
10. Flat tire repair kit (see section 8)



52RM00002

LHO: Left Hand Drive
RHO: Right Hand Drive

MEMO

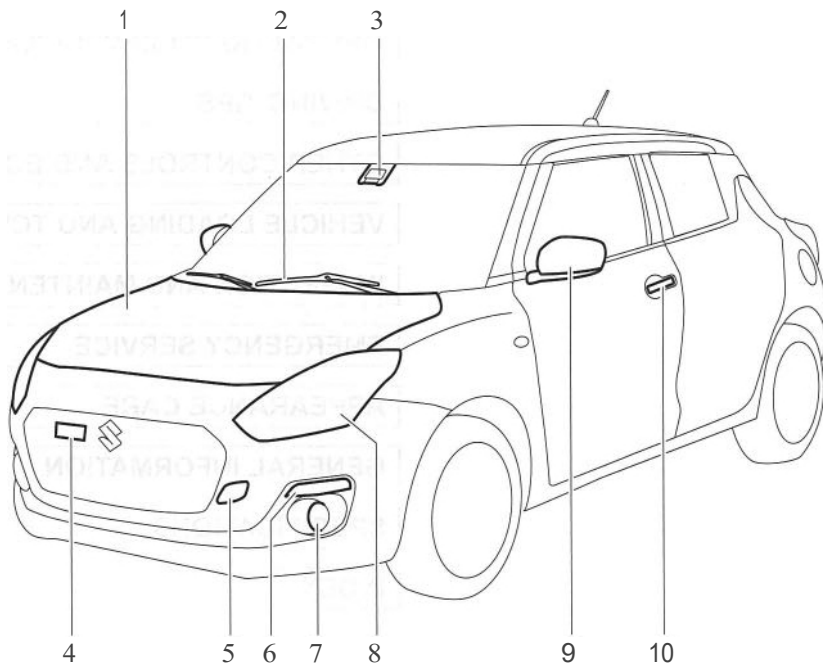
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EXTERIOR, FRONT

EXAMPLE

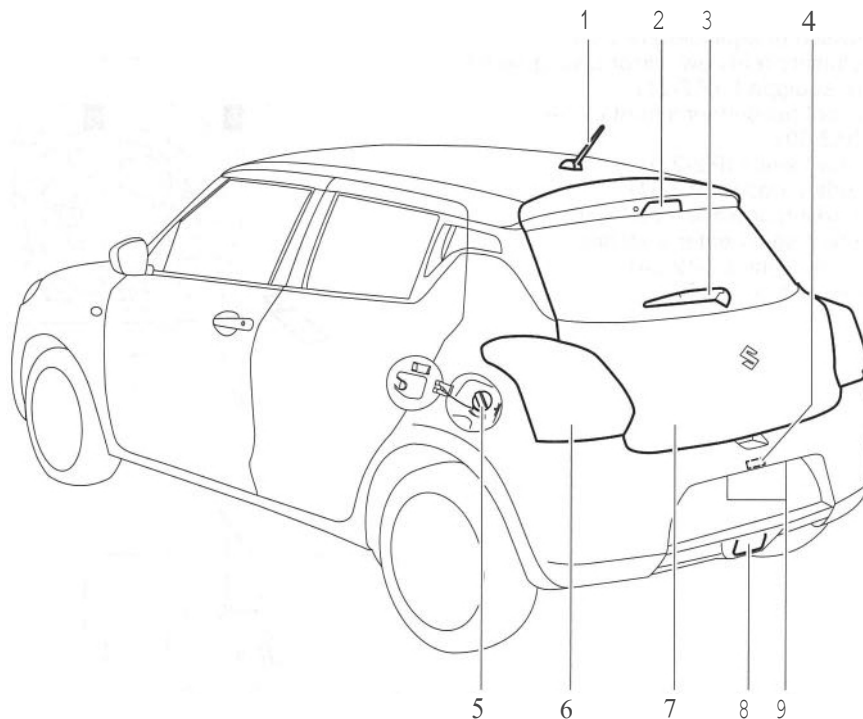
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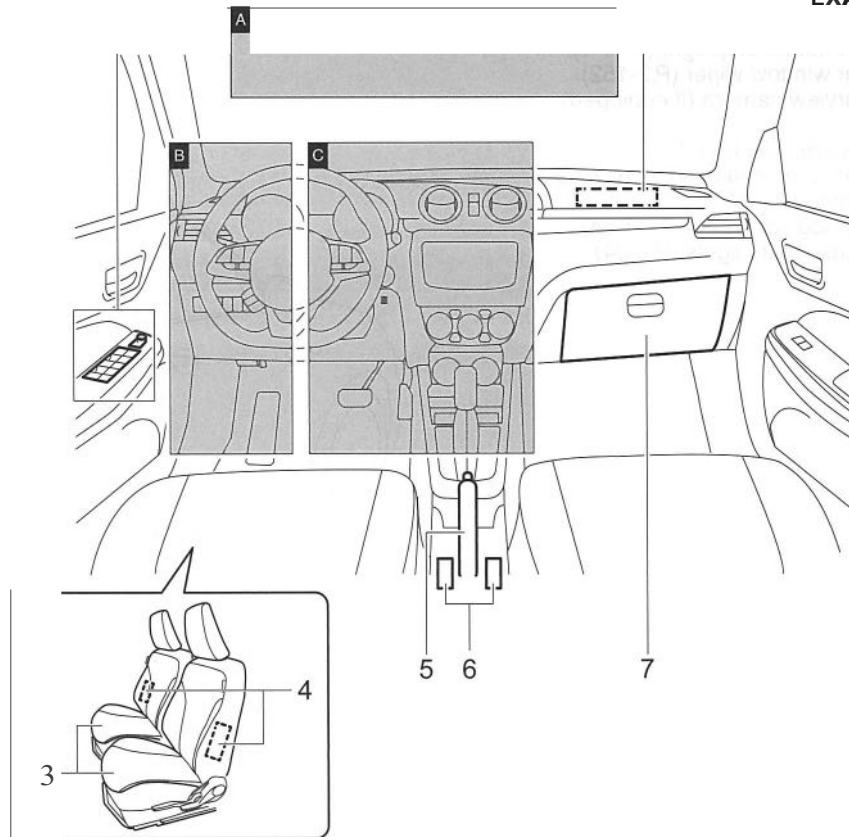
EXAMPLE



INTERIOR, FRONT

EXAMPLE

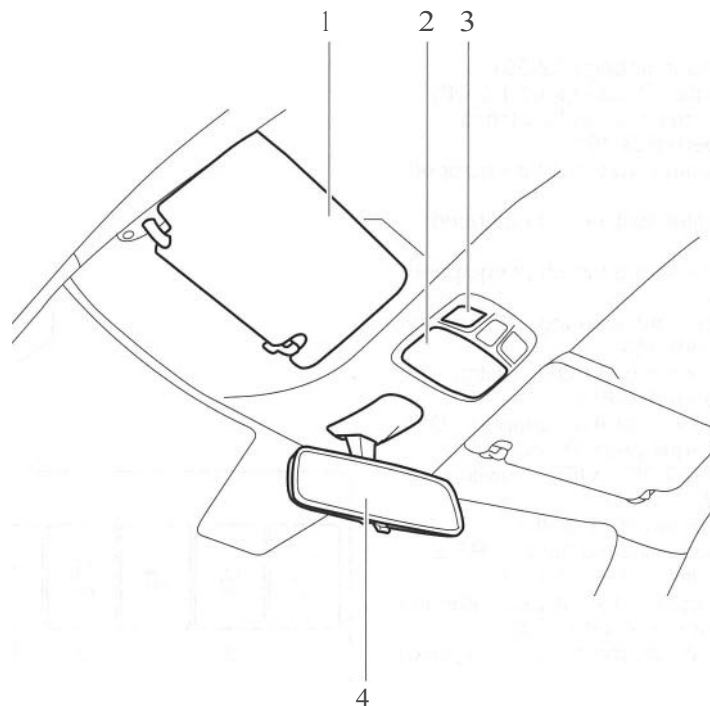
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VIEW A (Left hand drive vehicle)

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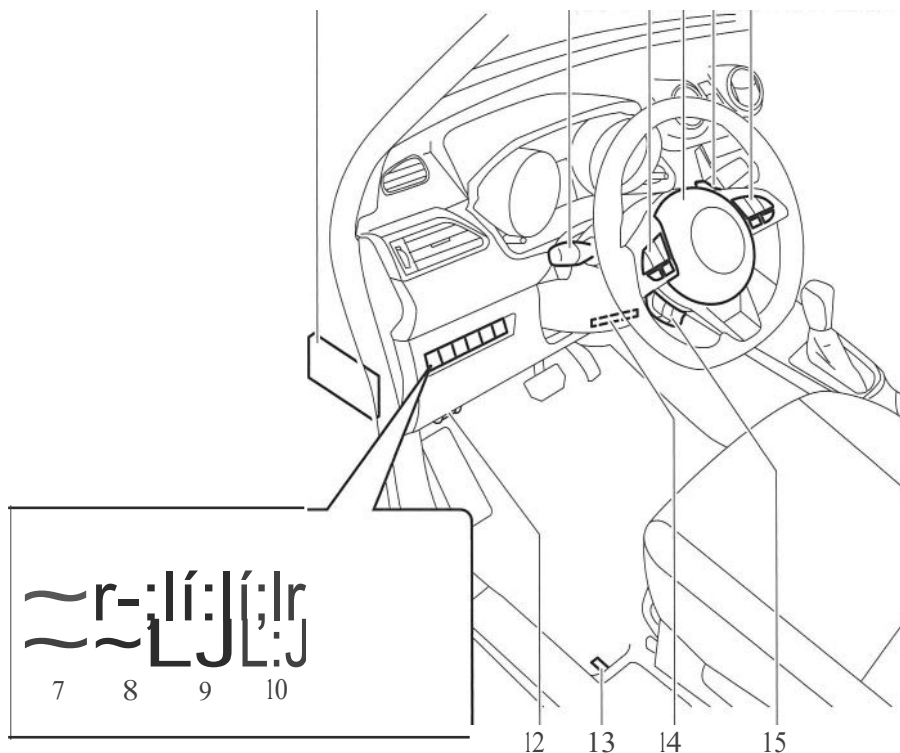
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4

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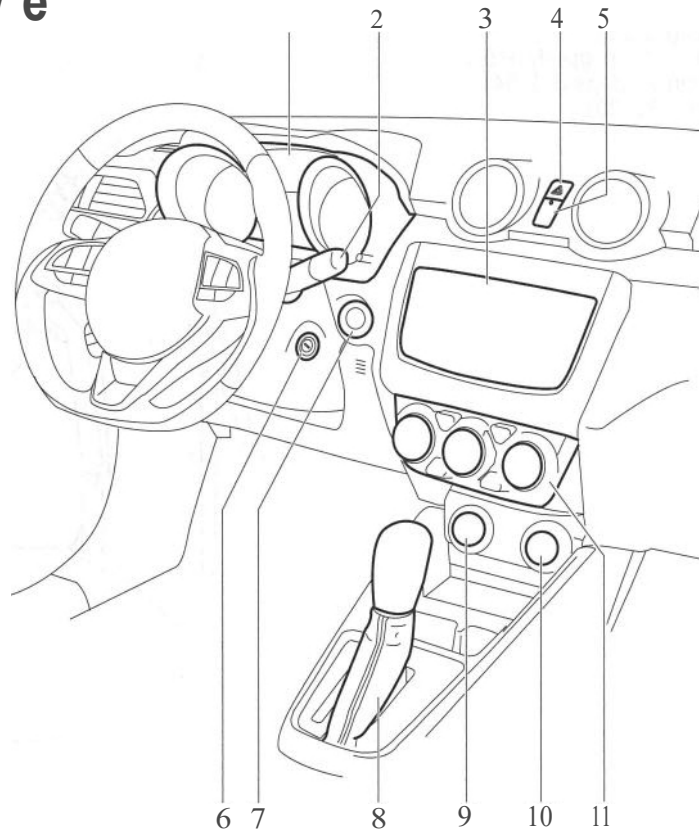
EXAMPLE



VIEW

EXAMPLE

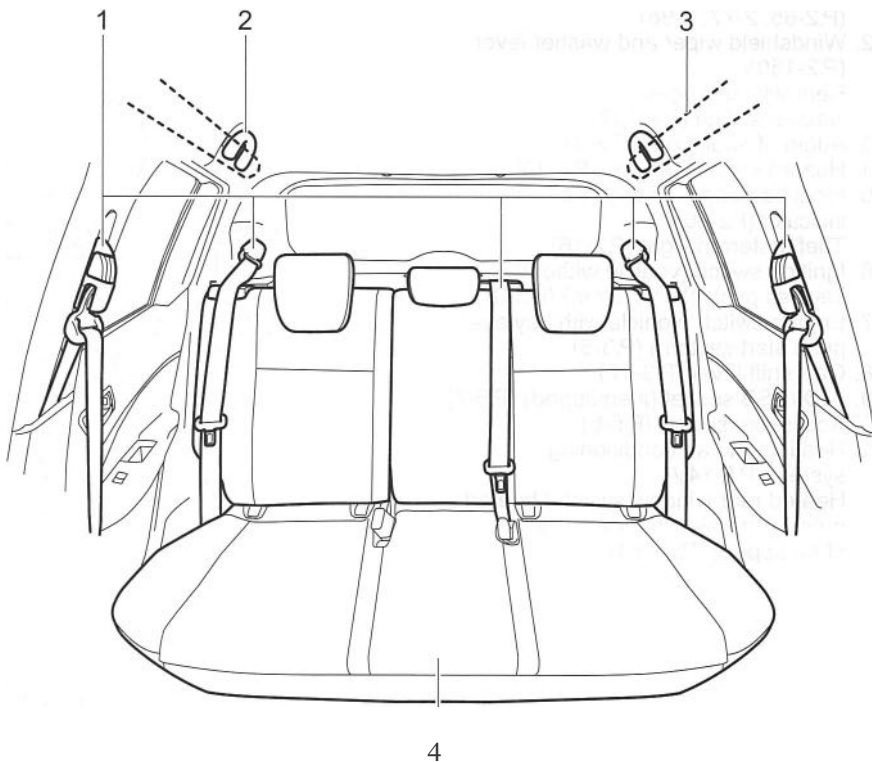
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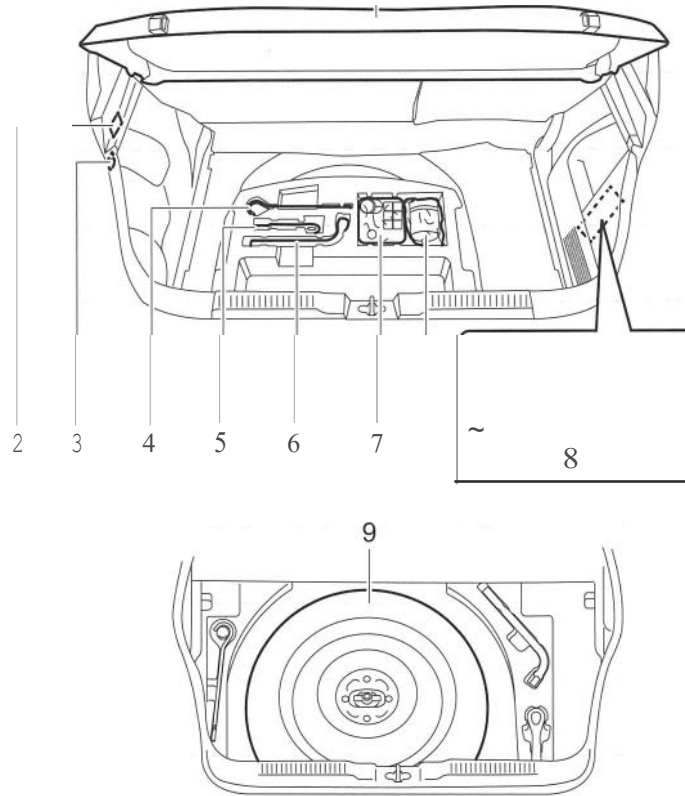
EXAMPLE



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EXAMPLE

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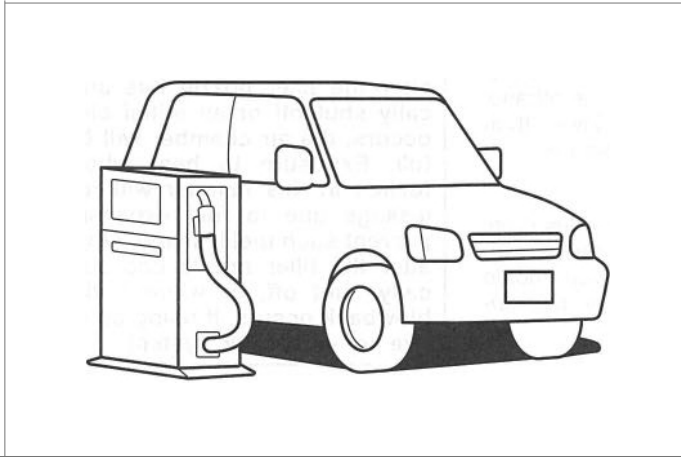
MEMO

FUEL RECOMMENDATION

Fuel recommendation

1-1

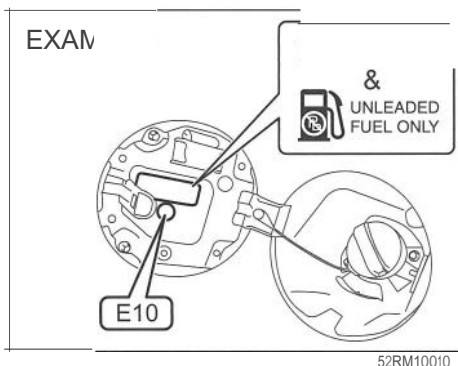
111



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FUEL RECOMMENDATION

Fuel recommendation



To avoid damaging catalytic converter, you must use unleaded gasoline with an octane number (RON) of 91 or higher (or 95 or higher if it is stated on the fuel filler lid), which complies with the European standard EN228. This is identified by a label attached on fuel lid that states: "UNLEADED FUEL ONLY", "NUR UNVERBLEITES BENZIN", "ENDAST BLYFRI BENSIN" or "SOLO GASOLINA SIN PLOMO".

If a "RON 95" label is attached, you must use unleaded gasoline with an octane number (RON) of 95 or higher.

Gasoline-ethanol blends

Blends of unleaded gasoline and ethanol (grain alcohol), also known as gasohol, are commercially available in certain areas. Blends of this type may be used in your vehicle if they are no more than 10% ethanol (E10). Check that this gasoline-ethanol blend has octane ratings no lower than those recommended for the gasoline.

NOTE:

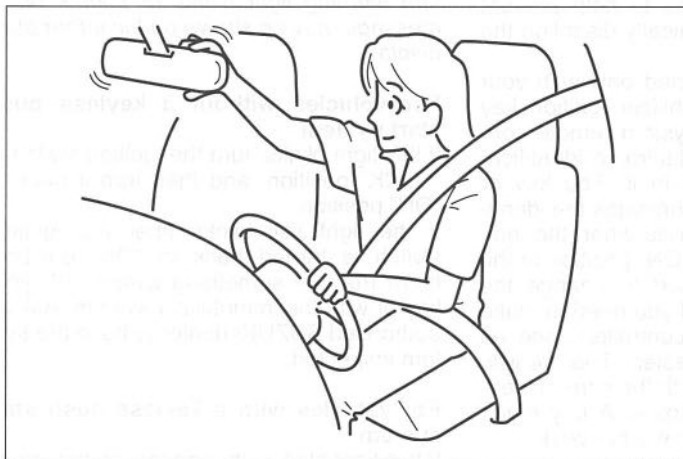
If you are not satisfied with the driveability or fuel economy of your vehicle when you use a gasoline-alcohol blend, you should switch back to unleaded gasoline containing no alcohol.

NOTICE

The fuel tank has an air space to allow for fuel expansion in hot weather. If you continue to add fuel after the filler nozzle has automatically shut off or an initial blowback occurs, the air chamber will become full. Exposure to heat when fully fuelled in this manner will result in leakage due to fuel expansion. To prevent such fuel leakage, stop filling after the filler nozzle has automatically shut off, or when initial vent blowback occurs, if using an alternative non-automatic system.

NOTICE

Be careful not to spill fuel containing alcohol while refueling. If fuel is spilled on the vehicle body, wipe it up immediately. Fuels containing alcohol can cause paint damage, which is not covered under the New Vehicle Limited Warranty.



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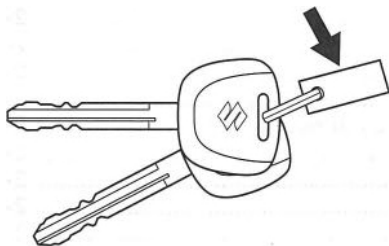
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Keys

EXAMPLE



54G489

Your vehicle comes with a pair of identical keys. Keep one of the keys as a spare key in a safe place. One key can open all of the locks on the vehicle.

The key identification number is stamped on a metal tag provided with the keys or on the keys. Keep the tag in a safe place. If you lose your keys, you will need this number to have new keys made. Write the number below for your future reference.

KEY NUMBER

Immobilizer system

This system is designed to help prevent vehicle theft by electronically disabling the engine starting system.

The engine can be started only with your vehicle's original immobilizer ignition key or keyless push start system remote controller, which has an electronic identification code programmed in it. The key or remote controller communicates the identification code to the vehicle when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON". If you need to make spare keys or remote controllers, see an authorized SUZUKI dealer. The vehicle must be programmed with the correct identification code for the spare. A key made by an ordinary locksmith will not work.



80JM122

If the immobilizer/keyless push start system warning light blinks when the ignition switch is in "ON" position or the ignition mode is "ON", the engine will not start.

NOTE:

If the immobilizer/keyless push start system warning light blinks or comes on, a message may be shown on the information display.

For vehicles without a keyless push start system

If this light blinks, turn the ignition switch to "LOCK" position, and then turn it back to "ON" position.

If the light still blinks after the ignition switch is turned back to "ON" position, there may be something wrong with your key or with the immobilizer system. Ask an authorized SUZUKI dealer to have the system inspected.

For vehicles with a keyless push start system

If this light blinks, change the ignition mode to "LOCK" (OFF), and then change it back to "ON". Also refer to "If the master warning indicator light blinks and the engine cannot be started" in "Starting engine (vehicle with keyless push start system) (if equipped)" in "OPERATING YOUR VEHICLE" section.

If the light still blinks after the ignition mode is changed back to "ON", there may be something wrong with your key or with the immobilizer system. Ask an authorized SUZUKI dealer to have the system inspected.

The immobilizer/keyless push start system warning light may also blink if the remote controller is not in the vehicle when you close the door or attempt to start the engine.

NOTE:

If you lose your immobilizer ignition key or remote controller, ask an authorized SUZUKI dealer as soon as possible to deactivate the lost one, and to make a new key or remote controller.

If you own other vehicles with immobilizer keys, keep those keys away from the ignition switch or the engine switch when using your SUZUKI vehicle. Otherwise, or the engine may not be started because they may interfere with your SUZUKI vehicle's immobilizer system.

If you attach any metal objects to the immobilizer key or remote controller, it may not start the engine.

NOTICE

The immobilizer key and remote controller are sensitive electronic instruments. To avoid damaging them:

- Do not expose them to impacts, moisture or high temperature such as on the dashboard under direct sunlight.
- Keep them away from magnetic objects

This immobilizer system, model 168PO (for vehicles without a keyless push start system) and P74PO (for vehicles with a keyless push start system) are in compliance with the essential requirements and other provisions of Directive 1999/5/EC.

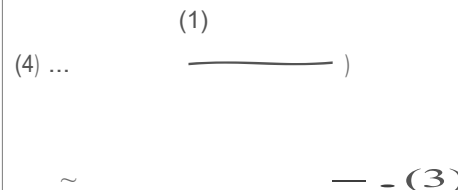
Ignition key reminder (if equipped)

A buzzer sounds intermittently to remind you to remove the ignition key if it is in the ignition keyhole when the driver's door is opened.

Door locks

Side door locks

EXAMPLE



52RM20830

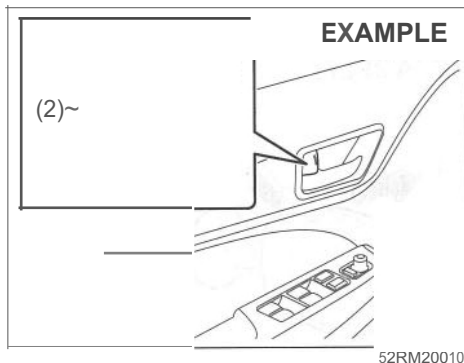
- (1) LOCK
- (2) UNLOCK
- (3) Rear
- (4) Front

To lock a driver's door from the outside of the vehicle:

- Insert a key and turn the top of the key toward the front of the vehicle, or
- Turn the lock knob forward, then pull and hold the door handle as you close the door.

BEFORE DRIVING

To unlock a driver's door from the outside of the vehicle, insert the key and turn the top of the key toward the rear of the vehicle.



To lock a door from the inside of the vehicle, turn the lock knob forward. Turn the lock knob backward to unlock the door.

To lock a rear door from the outside of the vehicle, turn the lock knob forward and close the door. You do not need to pull and hold the door handle as you close the door.

NOTE:
Hold the door handle when you close a locked front door, or the door will not remain locked.

Central doorlockingsystem

EXAMPLE

1 • 1 1 ~ (2)

~ ... (3)

52RM20840

- (1) UNLOCK
- (2) LOCK
- (3) Rear
- (4) Front

You can lock and unlock all doors (including the tailgate) simultaneously by using the key in the driver's door lock.

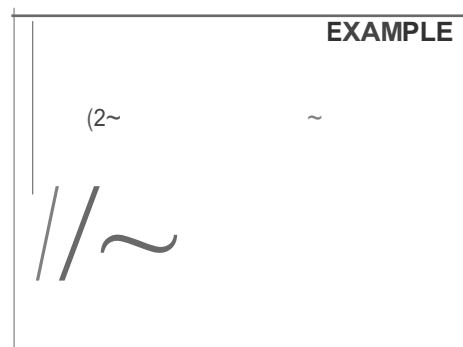
To lock all doors simultaneously, insert the key in the driver's door lock and turn the top of the key toward the front of the vehicle once.

To unlock all doors simultaneously, insert the key in the driver's door lock and turn the top of the key toward the rear of the vehicle twice.

NOTE:

You can switch the function that unlocks all doors from requiring two turns to requiring one turn, and vice versa, via the information display setting mode. For details on how to use the information display, refer to "Information display" in this section.

To unlock the driver's door only, insert the key in that door lock and turn the top of the key toward the rear of the vehicle once.



You can also lock or unlock all doors by pressing the front or rear of the switch, respectively.

NOTE:

You can also lock or unlock all doors by operating the transmitter or remote controller. Refer to "Keyless push start system remote controller / Keyless entry system transmitter (if equipped)" in this section.

If your vehicle is equipped with the keyless push start system, you can also lock or unlock all doors by pushing the request switch. Refer to "Keyless push start system remote controller / Keyless entry system transmitter (if equipped)" in this section.

Dead lock system (if equipped)

This system is designed to help prevent tamper-unlocking of the door locks.

You can activate this system by turning the key in the driver's door lock.

NOTE:

You can also activate the dead lock system by operating the transmitter or remote controller. Refer to "Keyless push start system remote controller / Keyless entry system transmitter" in this section.

If your vehicle is equipped with the keyless push start system, you can also activate the dead lock system by pushing the request switch. Refer to "Keyless push start system remote controller / Keyless entry system transmitter (if equipped)" in this section.

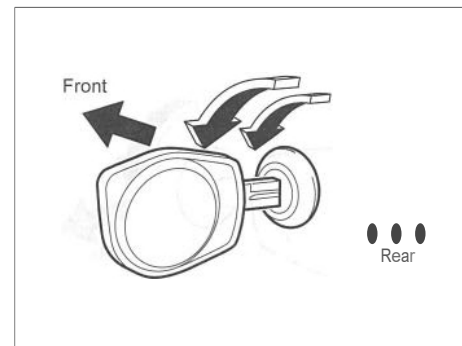
A WARNING

Do not activate the dead lock system if there are occupants in the vehicle. They will be locked in the vehicle and unable to unlock the doors from inside.

NOTE:

The dead lock system will not operate if one or more door(s) is (are) not closed and latched completely. Check that all doors (including the tailgate) are completely closed and latched when activating the dead lock system.

The dead lock system is released automatically, allowing all the side doors to be unlocked when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON".

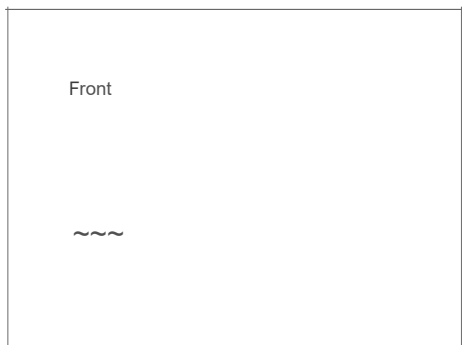


52RM20850

To activate this system

Insert the key in the driver's door lock and turn the top of the key toward the front of the vehicle twice within 3 seconds.

You cannot use the lock knobs to unlock the side doors when this system is activated.



52RM20860

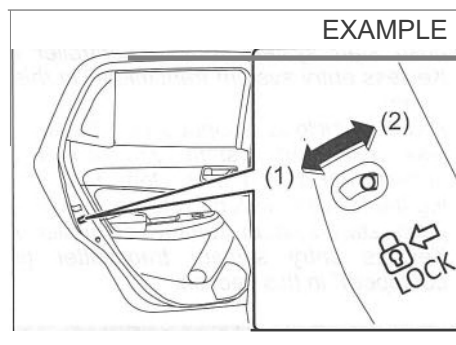
To cancel this system:

To unlock the driver's door, insert the key in the driver's door lock and turn the top of the key toward the rear of the vehicle once.

NOTE:

You can switch the function that unlocks all doors from requiring two turns to requiring one turn, and vice versa, via the information display setting mode. For details on how to use the information display, refer to "Information display" in this section.

Child-proof locks (rear door)



52RM20030

- (1) LOCK
- (2) UNLOCK

Each of the rear doors is equipped with a child-proof lock which can be used to help prevent unwanted opening of the door from inside the vehicle. When the lock lever is in LOCK position (1), the rear door can only be opened from outside. When the lock lever is in UNLOCK position (2), the rear door can be opened from inside or outside.

A WARNING

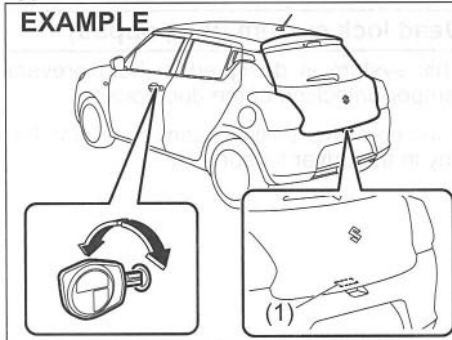
Place the child-proof lock in LOCK position whenever children are seated in the rear.

Tailgate

A WARNING

Always check that the tailgate is closed and latched securely. Completely closing the tailgate helps prevent occupants from being thrown from the vehicle in the event of an accident. Completely closing it also helps keep exhaust gases from entering the vehicle.

Type1



52RM20040

- (1) Tailgate unlatch switch

You can lock and unlock the tailgate by using the key in the driver's door lock.

To open the tailgate, push and hold the tailgate unlatch switch (1) and lift the tailgate.

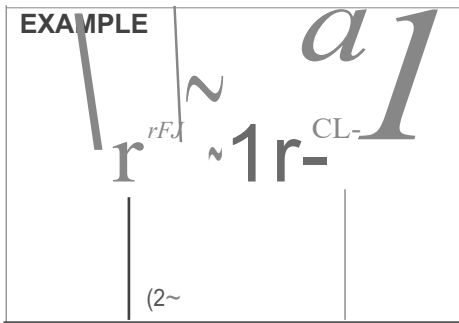
NOTE:

When the tailgate is closed incompletely, follow the procedure below:

- 1) Push the tailgate unlatch switch (1) and open the tailgate.
- 2) After a few seconds, close the tailgate.
- 3) Check that the tailgate is closed completely.

If you cannot unlock the tailgate by using the key in the driver's door lock due to a discharged lead-acid battery or malfunction, follow the procedure below to unlatch the tailgate from inside the vehicle.

- 1) Fold the rear seat forward for easier access. Refer to "Folding rear seats" section for details on how to fold the rear seat forward.

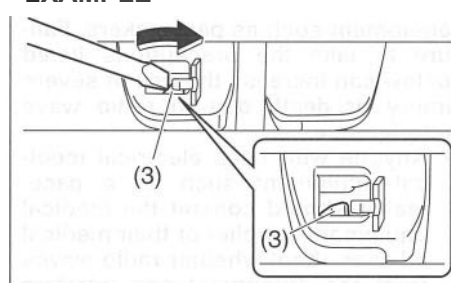
EXAMPLE

52RM20640

- 2) Open the cover (2) in the lock mechanism of the tailgate.

NOTE:

Be careful not to lose the cover (2) because it is small and detachable.

EXAMPLE

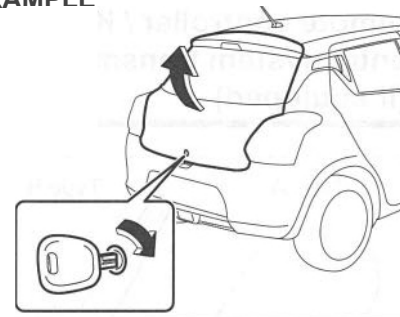
65P30080

- 3) Move the lever (3) in arrow direction by using a flat-bladed screwdriver to unlock the tailgate.
- 4) Push open the tailgate from inside. The tailgate will be latched again by simply closing the tailgate.

If the tailgate cannot be unlatched by pushing the unlatch switch (1), have the vehicle inspected by an authorized SUZUKI dealer.

CAUTION

Check that there is no one near the tailgate when pushing open the tailgate from inside the vehicle

Type2**EXAMPLE**

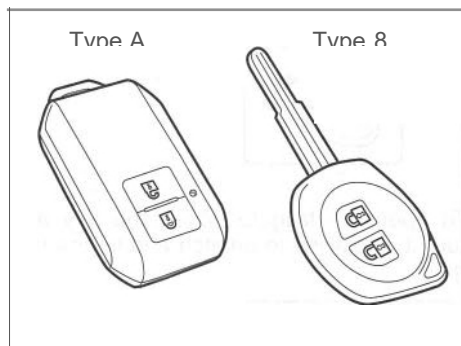
52RM20710

To open the tailgate, insert the key and turn it clockwise to unlatch and lift the tailgate.

NOTICE

Do not use the key to lift up the tailgate, or the key may break off in the lock

Keyless push start system remote controller / Keyless entry system transmitter (if equipped)



52RM20050

Your vehicle is equipped with either a keyless push start system remote controller (Type A) or a keyless entry system transmitter (Type 8). The remote controller has a keyless entry system and a keyless push start system. The transmitter has only a keyless entry system. For details, refer to the following explanations.

A WARNING

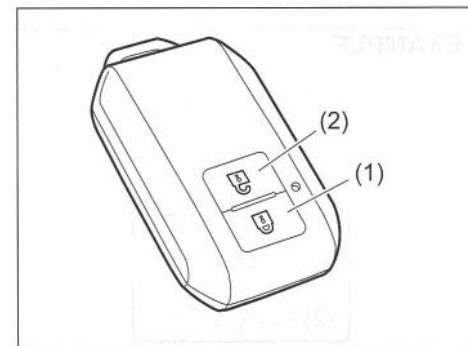
Radio waves from the keyless push start system antenna(s) may interfere with operation of electrical medical equipment such as pacemakers. Failure to take the precautions listed below can increase the risk of severe injury or death due to radio wave interference.

- Anyone who uses electrical medical equipment such as a pacemaker should consult the medical equipment supplier or their medical advisor about whether radio waves from the antenna(s) can interfere with the medical equipment.
- If radio wave interference is a concern, have the function of the antenna(s) disabled by an authorized SUZUKI dealer.

Keyless push start system remote controller (Type A)

The remote controller enables the following operations:

- You can lock or unlock the doors by operating LOCK/UNLOCK buttons on the remote controller. Refer to the explanation in this section.
- You can lock or unlock the doors by pushing the request switch. For details, refer to the explanation in this section.
- You can start the engine without using an ignition key. For details, refer to "Engine switch (vehicle with keyless push start system) (if equipped)" in "OPERATING YOUR VEHICLE" section.



52RM20060

- (1) LOCK button
(2) UNLOCK button

There are two ways to lock or unlock all doors (including the tailgate) simultaneously by operating the remote controller near the vehicle.

Central door locking system

- To lock all doors, push LOCK button (1) once.
- To unlock only the driver's door, push UNLOCK button (2) once.
- To unlock other doors, push UNLOCK button (2) once again.

NOTE

You can switch the function that unlocks all doors from requiring two pushes to requiring one push, and vice versa, via the information display setting mode. For details on how to use the information display, refer to "Information display" in this section.

The turn signal lights will flash once and the exterior buzzer will sound once when the doors are locked.

Central door locking system with the dead lock system (if equipped)

To prevent tampering of the door locks, use this method. When the dead lock system is activated, operating the lock knobs will not unlock the side doors.

To activate this system:

To lock all doors, push LOCK button (1) twice within 3 seconds.

To release this system:

- To unlock only the driver's door, push UNLOCK button (2) once.
- To unlock other doors, push UNLOCK button (2) once again.

NOTE:

You can switch the function that unlocks all doors from requiring two pushes to requiring one push, and vice versa, via the information display setting mode. For details on how to use the information display, refer to "Information display" in this section.

A WARNING

Do not activate the dead lock system if there are occupants in the vehicle. They will be locked in the vehicle and cannot unlock the doors from inside.

The turn signal lights will flash once and the exterior buzzer will sound once when the doors are locked, and then the turn signal lights will flash once and the exterior buzzer will sound once again when the doors are locked with the dead lock system.

With the remote controller inside the vehicle, if you push LOCK button on the remote controller, the exterior buzzer will sound and doors cannot be locked.

When the doors are unlocked:

- The turn signal lights will flash twice and the exterior buzzer will sound twice.

- If the interior light switch is in DOOR position, the interior light will turn on for about 15 seconds and then fade out. If you press the engine switch during this time, the light will start to fade out immediately.

Check that the doors are locked after you operate LOCK button (1).

NOTE:

If no door is opened within about 30 seconds after UNLOCK button (2) is operated, the doors will automatically lock again.

NOTE:

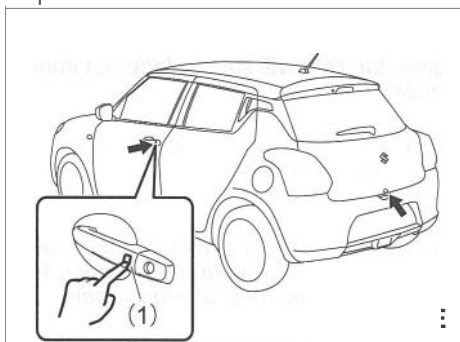
The maximum operating distance of the remote controller is about 5 m (16 ft.), but this can vary depending on the surroundings, especially near other transmitting devices such as radio towers or CB (Citizen's Band) radios.

The door locks cannot be operated with the remote controller if the ignition mode is in any other mode than "LOCK" (OFF). When any door is open, if you push LOCK button on the remote controller, the exterior buzzer will sound and doors cannot be locked.

If you lose one of the remote controllers, ask an authorized SUZUKI dealer as soon as possible for replacement. Have an authorized SUZUKI dealer program the new remote controller code in your vehicle's memory so that the old code is erased.

BEFORE DRIVING

Keyless unlocking/locking using the request switches



52RM20070

When the remote controller is within the operating range described in this section, you can lock or unlock the doors (including the tailgate) by pushing the request switch (1) on the driver's door handle, front passenger's door handle or tailgate. If you want to prevent tamper-unlocking of the door locks, you can activate the dead lock system.

When all doors are unlocked:

- To lock all doors, push one of the request switches once.
- To lock all doors with the dead lock system, push one of the request switches twice within about 3 seconds.

The turn signal lights will flash once and the exterior buzzer will sound once when the doors are locked, and then the turn signal lights will flash once and the exterior buzzer will sound once again when the doors are locked with the dead lock system.

A WARNING

Do not activate the dead lock system if there are occupants in the vehicle. They will be locked in the vehicle and cannot unlock the doors from inside.

To unlock a door or all doors:

- Push one of the request switches once to unlock only one door.
- Push one of the request switches twice to unlock all doors.

NOTE:

You can switch the function that unlocks all doors from requiring two pushes to requiring one push, and vice versa, via the information display setting mode. For details on how to use the information display, refer to "Information display" in this section.

When the doors are unlocked:

- The turn signal lights will flash twice and the exterior buzzer will sound twice.
- If the interior light switch is in DOOR position, the interior light will turn on for about 15 seconds and then fade out. If you press the engine switch during this

time, the light will start to fade out immediately.

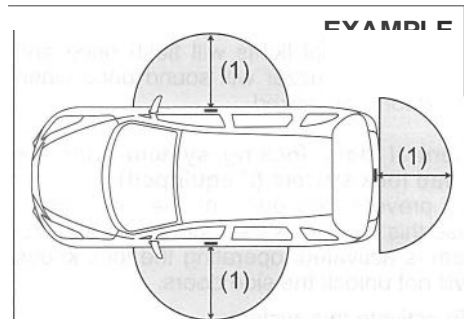
Check that the doors are locked after you operate the request switch to lock the doors.

NOTE:

The door locks cannot be operated by the request switch under the following conditions:

- If any door is open or is not completely closed.
- If the ignition mode is in any other mode than "LOCK" (OFF).

If no doors are opened within about 30 seconds after unlocking the doors by pushing the request switch, the doors will be locked again automatically.



68PH00210

(1) 80 cm (2 1/2 feet)

When the remote controller is within approximately 80 cm (2 1/2 feet) from a front door handle or the tailgate switch, you can lock or unlock the doors by pushing the request switch.

NOTE:

If the remote controller is outside the request switch operating range described above, you will not be able to operate the request switch.

If the battery of the remote controller runs down or there are strong radio waves or noise, the request switch operating range may be reduced or the remote controller may be inoperative.

If the remote controller is too close to the door glass, the request switches may not operate.

If a spare remote controller is in the vehicle, the request switches may not operate normally.

The remote controller will only operate a request switch if it is within the switch's operating range. For example, if the remote controller is within the operating range of the driver's door request switch but not the front passenger's door request switch or the tailgate request switch, the driver's door switch can be operated but the front passenger's door switch or tailgate switch cannot be operated.

NOTICE

The remote controller is a sensitive electronic instrument. To avoid damaging the remote controller:

- Do not expose it to impacts, moisture or high temperature such as by leaving it on the dashboard under direct sunlight.
- Keep the remote controller away from magnetic objects such as a television.

NOTE:

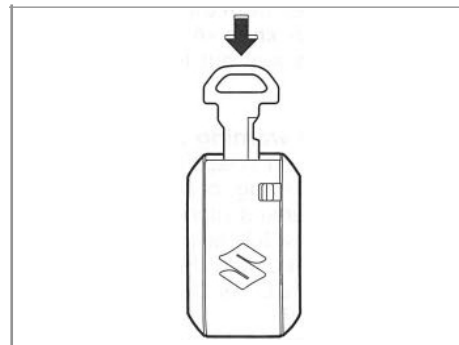
The keyless push start system may not function correctly in certain environments or under certain operating conditions such as the following:

- When there are strong signals coming from a television, power station or a cellular phone.
- When the remote controller is in contact with or covered by a metal object.
- When a radio wave type remote keyless entry is used nearby.
- When the remote controller is placed near an electronic device such as personal computer.

Some additional precautions you should take and information you should be aware of are:

- Check that the key is stowed in the remote controller. If the remote controller becomes unusable, you will not be able to lock or unlock the doors.

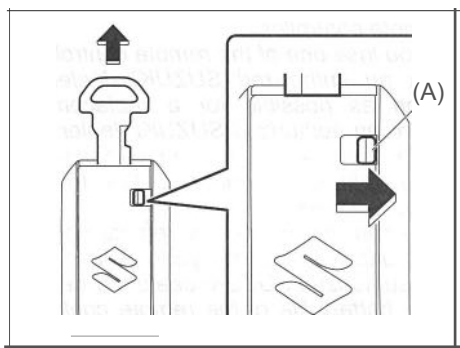
- Check that the driver always carries the remote controller.
- If you lose one of the remote controllers, ask an authorized SUZUKI dealer as soon as possible for a replacement. Have an authorized SUZUKI dealer program the new remote controller code in your vehicle's memory so that the old code is erased.
- You can use up to four remote controllers and the keys for your vehicle. Ask an authorized SUZUKI dealer for details.
- The battery life of the remote controller is about two years, but it can vary depending on usage conditions.



52RM20080

To stow the key into the remote controller, push the key in the remote controller until you hear a click.

BEFORE DRIVING



52RM20090

To remove the key from the remote controller, slide the lock knob (A) in arrow direction and pull the key out from the remote controller.

Request switch warning buzzer

The exterior buzzer beeps for about 2 seconds in the following conditions to warn you that the request switch is not working:

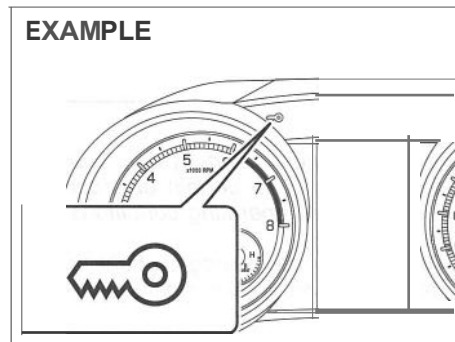
- The request switch is pressed after all doors are closed with the ignition mode changed to "ACC" or "ON" by pressing the engine switch.
- The request switch is pressed in any of the following conditions after changing the ignition mode to "LOCK" (OFF) by pressing the engine switch.
 - The remote controller is left inside the vehicle.
 - Any door (including the tailgate) is open.

Press the request switch again after doing the following:

With the ignition mode changed to "LOCK" (OFF) by pressing the engine switch, bring out the remote controller if it is inside the vehicle and check that all doors are completely closed.

Reminder function

EXAMPLE



52RM20610

If the remote controller is not in the vehicle under the following conditions, the buzzer sounds intermittently for about 2 seconds and the immobilizer/keyless push start system warning light on the instrument cluster blinks:

When one or more doors are opened and all of the doors are later closed with the ignition in any other mode than "LOCK" (OFF).

The indicator light will turn off within several seconds after the remote controller is returned to an area of the vehicle other than the rear luggage area.

If the remote controller is left in the vehicle and you lock the driver's door or front passenger's door as described below, the door will be automatically unlocked.

- If you open the driver's door and lock the door by turning the lock knob forward or pushing the power door locking switch, the driver's door will be automatically unlocked.
- If you open the front passenger's door and lock the door by turning the lock knob forward or pushing the power door locking switch, the front passenger's door will be automatically unlocked.

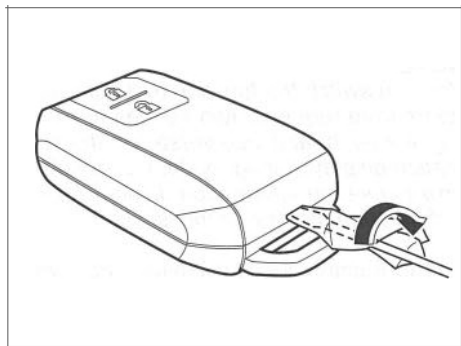
NOTE:

- The reminder will not operate when the remote controller is on the instrument panel, in the glove box, in a storage compartment, in the sun visor or on the floor, etc.
- Check that the driver always carries the remote controller.
- Do not leave the remote controller in the vehicle when leaving the vehicle.

Battery replacement

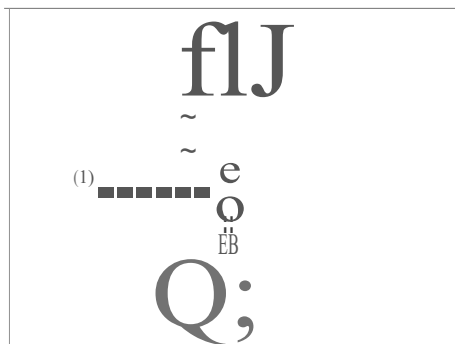
If the remote controller becomes unusable, replace the battery.

To replace the battery of the remote controller:



52RM20650

- 1) Insert a flat-bladed screwdriver covered with a soft cloth in the slot of the remote controller and pry it open.



52RM20660

- (1) Lithium disc type battery: CR2032 or equivalent
- 2) Replace the battery (1) so its + terminal faces the bottom of the case as shown in the illustration.
- 3) Close the remote controller firmly.
- 4) Check that the door locks can be operated with the remote controller.
- 5) Dispose of the used battery properly according to applicable rules or regulations. Do not dispose of lithium batteries with ordinary household trash.

A WARNING

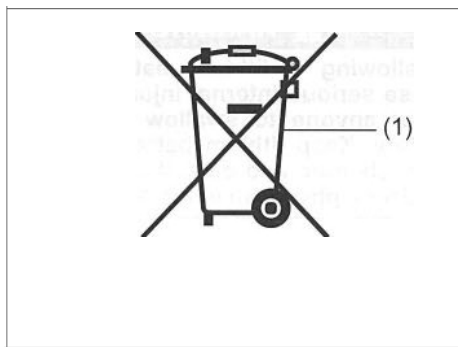
Swallowing a lithium battery may cause serious internal injury. Do not allow anyone to swallow a lithium battery. Keep lithium batteries away from children and pets. If swallowed, contact a physician immediately.

NOTICE

- The remote controller is a sensitive electronic instrument. To avoid damaging it, do not expose it to dust or moisture or tamper with internal parts.
- When replacing the battery by yourself, the remote controller could be damaged affected by static electricity. Discharge the static electricity built up in your body by touching metal before replacing the battery.

NOTE:

Used batteries must be disposed of properly according to applicable rules or regulations and must not be disposed of with ordinary household trash.



80JM133

(1) Crossed-out wheeled bin symbol

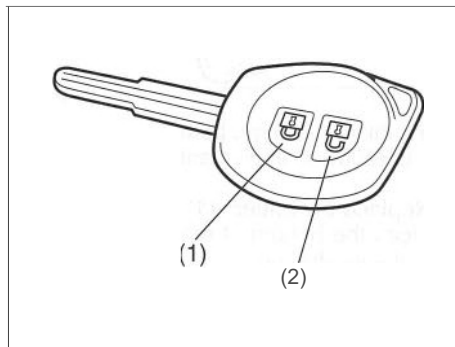
The crossed-out wheeled bin symbol (1) indicates that a used battery should be collected separately from ordinary household trash.

By ensuring the used battery is disposed of or recycled correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate battery disposal. The recycling of materials will help to conserve natural resources. For more detailed information about disposing of or recycling the used battery, consult an authorized SUZUKI dealer.

TypeA

The keyless push start system, controller model K52RA and key model R53R0 are in compliance with the essential requirements and other provisions of Directive 1999/5/EC.

Keyless entry system transmitter (TypeB)



79MH0237

- (1) LOCK button
- (2) UNLOCK button

There are two ways to lock or unlock all doors (including the tailgate) simultaneously by operating the transmitter near the vehicle.

Central door locking system

- To lock all doors, push LOCK button (1) once.
- To unlock only the driver's door, push UNLOCK button (2) once.
- To unlock other doors, push UNLOCK button (2) once again.

NOTE:

You can switch the function that unlocks all doors from requiring two pushes to requiring one push, and vice versa, via the information display setting mode. For details on how to use the information display, refer to "Information display" in this section.

The turn signal lights will flash once when the doors are locked.

Central door locking system with the dead lock system (if equipped)

To prevent tampering of the door locks, use this method. When the dead lock system is activated, operating the lock knobs will not unlock the side doors.

To activate this system:

- To lock all doors, push LOCK button (1) twice within 3 seconds.

To release this system:

- To unlock only the driver's door, push UNLOCK button (2) once.
- To unlock other doors, push UNLOCK button (2) once again.

NOTE:

You can switch the function that unlocks all doors from requiring two pushes to requiring one push, and vice versa, via the information display setting mode. For details on how to use the information display, refer to "Informationdisplay" in this section.

A WARNING

Do not activate the dead lock system if there are occupants in the vehicle. They will be Jocked in the vehicle and cannot unlock the doors from inside

The turn signal lights will flash once when the doors are locked, and then the turn signal lights will flash once again when the doors are Jocked with the dead lock system.

When the doors are unlocked:

- The turn signal lights will flash twice.
- If the interior light switch is in DOOR position, the interior light will turn on for about 15 seconds and then fade out. If you insert the key into the ignition switch during this time, the light will start to fade out immediately.

Check that the doors are locked after you operate LOCK button (1).

NOTE:

If no door is opened within about 30 seconds after UNLOCK button (2) is operated, the doors will automatically lock again.

NOTE:

- The maximum operating distance of the keyless entry system transmitter is about 5 m (16 ft.), but this can vary depending on the surroundings, especial/y near other transmitting devices such as radio towers or CB (Citizen's Band) radios.
- The door locks cannot be operated with the transmitter, if the ignition key is inserted in the ignition switch.
- When any door is open, the door locks can only be unlocked with the transmitter, and the turn signal/light will not flash.
- If you lose one of the transmitters, ask an authorized SUZUKI dealer as soon as possible for a replacement. Have an authorized SUZUKI dealer program the new transmitter code in your vehicle's memory so that the old code is erased.

NOTICE

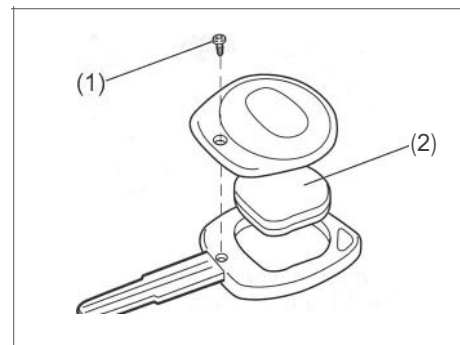
The transmitter is a sensitive electronic instrument. To avoid damaging the transmitter:

- Do not expose it to impacts, moisture or high temperature such as by leaving it on the dashboard under direct sunlight.
- Keep the transmitter away from magnetic objects such as a television.

Battery replacement

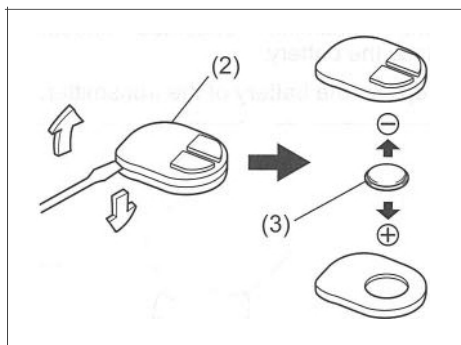
If the transmitter becomes unusable, replace the battery.

To replace the battery of the transmitter:



68LM248

- 1) Remove the screw (1), and open the transmitter cover.
- 2) Remove the transmitter (2).



68LM249

(3) Lithium disc type battery:
CR1616 or equivalent

- 3) Put the edge of a flat-bladed screwdriver in the slot of the transmitter (2) and pry it open.
- 4) Replace the battery (3) so its + terminal faces "+" mark of the transmitter.
- 5) Close the transmitter and insert it into the transmitter holder.
- 6) Close the transmitter cover, insert and tighten the screw (1).
- 7) Check that the door locks can be operated with the transmitter.
- 8) Dispose of the used battery properly according to applicable rules or regulations. Do not dispose of lithium batteries with ordinary household trash.

A WARNING

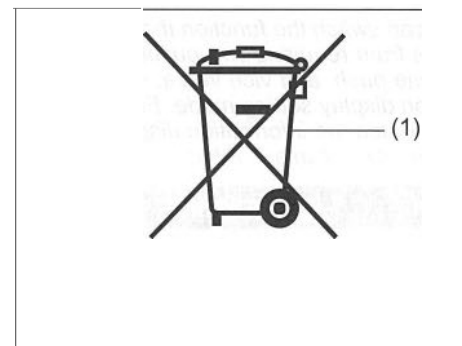
Swallowing a lithium battery may cause serious internal injury. Do not allow anyone to swallow a lithium battery. Keep lithium batteries away from children and pets. If swallowed, contact a physician immediately.

NOTICE

- The transmitter is a sensitive electronic instrument. To avoid damaging it, do not expose it to dust or moisture or tamper with internal parts. When replacing the battery by yourself, the transmitter controller could be damaged affected by static electricity. Discharge the static electricity built up in your body by touching metal before replacing the battery.

NOTE:

Used batteries must be disposed of properly according to applicable rules or regulations and must not be disposed of with ordinary household trash.



80JM133

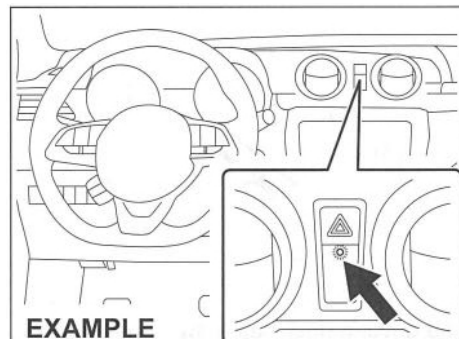
(1) Crossed-out wheeled bin symbol

The crossed-out wheeled bin symbol (1) indicates that a used battery should be collected separately from ordinary household trash.

By ensuring the used battery is disposed of or recycled correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate battery disposal. The recycling of materials will help to conserve natural resources. For more detailed information about disposing of or recycling of the used battery, consult an authorized SUZUKI dealer.

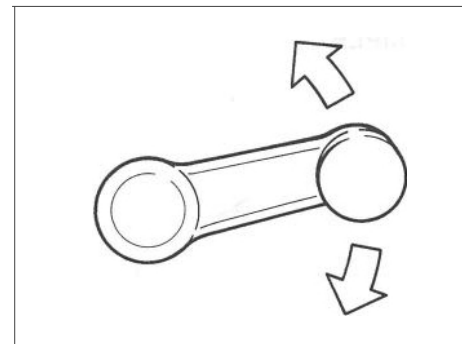
Type B

The keyless entry system, transmitter model T61MO and controller model K68P2 are in compliance with the essential requirements and other provisions of Directive 1999/5/EC.

Theft deterrent light

52RM20100

This light will blink with the ignition switch in "LOCK" or "ACC" position, or the ignition mode "LOCK" (OFF) or "ACC". The blinking light is intended to deter theft by leading others to believe that the vehicle is equipped with a security system.

Windows**Manual window control
(if equipped)**

60Go10A

Raise or lower the door windows by turning the handle located on the door panel.

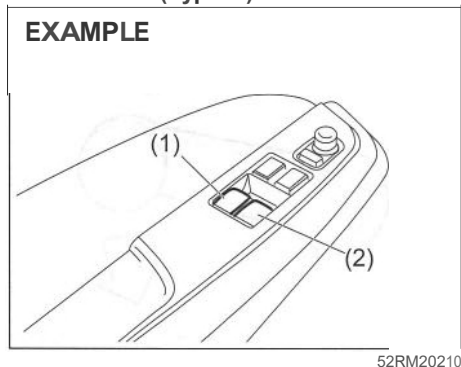
BEFORE DRIVING

Electric window controls

The electric windows can only be operated when the ignition switch is in "ON" position or the ignition mode is "ON".

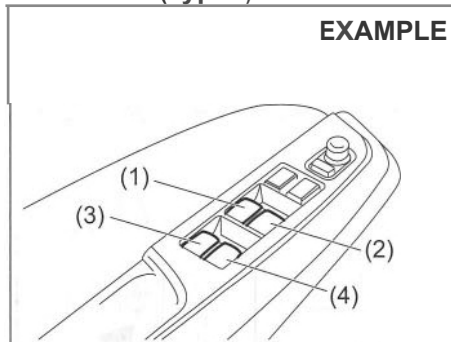
Driver's side (Type A)

EXAMPLE



Driver's side (Type B)

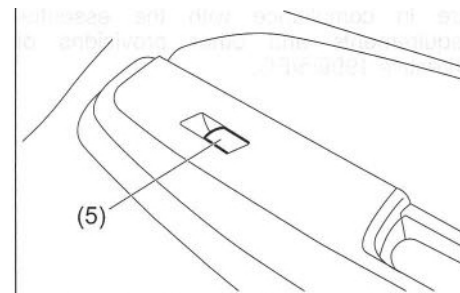
EXAMPLE



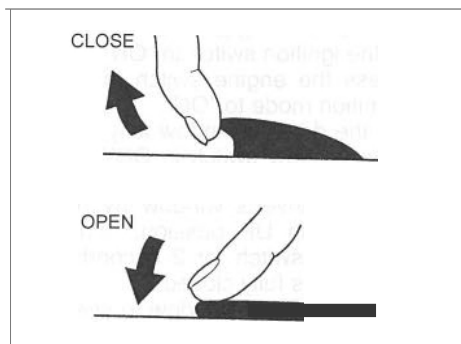
The driver's door has a switch (1) to operate the driver's window, and a switch (2) to operate the front passenger's window or there are switches (3), (4), to operate the rear left and right passenger windows, respectively.

Passenger's door

EXAMPLE



The passenger's door has a switch (5) to operate the passenger's window.



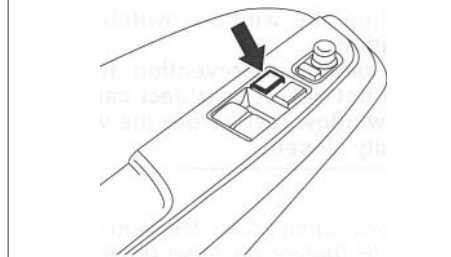
81A009

To open a window, push the top part of the switch. To close the window, lift up the top part of the switch.

The driver's window has AUTO-DOWN and AUTO-UP (if equipped) features for greater convenience (at toll booths or drive-through restaurants, for example). These features allow the driver to open or close the window without holding the window switch in DOWN or UP position. Press down or lift up the driver's window switch completely and release it. To stop the window before it reaches the FULL-DOWN or FULL-UP position, pull up or push down the switch briefly.

Lock switch (type A)

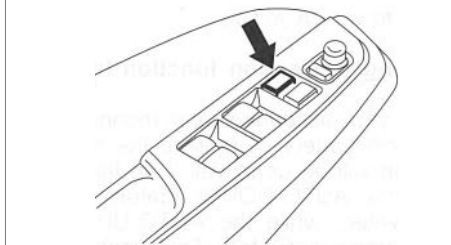
EXAMPLE



52RM20230

Lock switch (type B)

EXAMPLE



52RM20240

The driver's door also has a lock switch for the passenger's window(s). When you push in the lock switch, the passenger's window(s) cannot be raised or lowered by

operating any of the switches (2), (3), (4) or (5). To restore normal operation, release the lock switch by pushing it again.

A. WARNING

- You should always lock the passenger's window operation when there are children in the vehicle. Children can be seriously injured if they get part of their body caught by the window during operation.
- To avoid injuring an occupant by window entrapment, check that no part of the occupant's body such as hands or head is in the path of the electric windows when closing them.
- Always remove the ignition key or take the keyless push start system remote controller with you when leaving the vehicle even only for a short time. Also do not leave children alone in a parked vehicle. Unattended children could use the electric window switches and get trapped by the window.

NOTE:

If you drive with one of the rear windows open, you may hear a loud sound caused by air vibration. To reduce the sound, open the driver's or front passenger's window, or narrow the rear window opening.

Pinching prevention function (if equipped)

The driver's window is equipped with a pinching prevention function. This function detects a foreign object that is caught in the window as it is being closed by AUTO-UP feature, which allows you to close the window without holding the window switch in UP position, and stops the window from closing to prevent damage.

A WARNING

To avoid injuring an occupant by window entrapment, check that no part of the occupant's body such as hands or head is in the path of the electric window when closing it. This function may not detect an object due to the size, hardness, or position of the object being caught in the closing window.

CAUTION

- The pinching prevention function does not operate while you are holding the window switch in UP position.
- The pinching prevention function may not detect an object caught in the window just before the window is fully closed.

NOTE:

Even if you cannot close the window by the AUTO-UP feature because there may be something wrong with the pinching prevention function, you can close the window by holding the window switch in UP position. If you drive in extreme off-road condition, the pinching prevention function may operate accidentally because the window reacts to vehicle jolting.

Pinching prevention function initialization

When you disconnect and reconnect the lead-acid battery or replace the fuse, the function will be deactivated. In this condition, the AUTO-DOWN feature will be deactivated, while the AUTO-UP feature may remain activated. The pinching prevention function needs to be initialized.

To initialize the pinching prevention function, use the following procedure:

- 1) Turn the ignition switch to "ON" position or press the engine switch to change the ignition mode to "ON".
- 2) Open the driver's window fully by holding the window switch in DOWN position.
- 3) Close the driver's window by holding the switch in UP position, and keep holding the switch for 2 seconds after the window is fully closed.
- 4) Check the driver's window to see if the AUTO-DOWN/UP feature works.

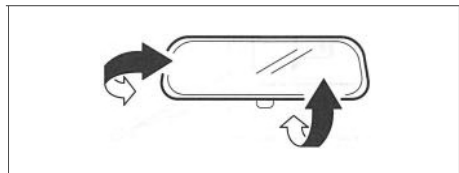
A WARNING

Whenever you disconnect and reconnect the lead-acid battery or replace the fuse, the pinching prevention function needs to be initialized. The pinching prevention function will not be activated until the initialization is completed.

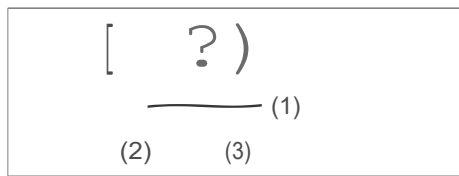
If the AUTO-DOWN/UP feature will not work after initialization, there might be something wrong with the pinching prevention function. Have your vehicle inspected by an authorized SUZUKI dealer.

Mirrors

Inside rearview mirror



68LMT0205



68LMT0206

- (2) Day driving
- (3) Night driving

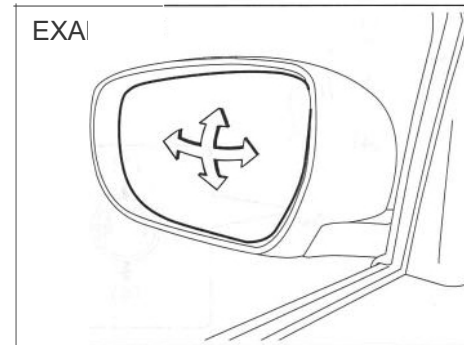
You can adjust the inside rearview mirror by hand to see the rear of your vehicle in the mirror. To adjust the mirror, set the selector tab (1) to the day position, and then move the mirror up, down or sideways by hand to obtain the best view.

When driving at night, you can move the selector tab to the night position to reduce glare from the headlights of vehicles behind you.

⚠ WARNING

- Always adjust the mirror with the selector set to the day position.
- Only use the night position if it is necessary to reduce glare from the headlights of vehicles behind you. Be aware that in this position you may not be able to see some objects that could be seen in the day position.

Outside rearview mirrors



52RM20120

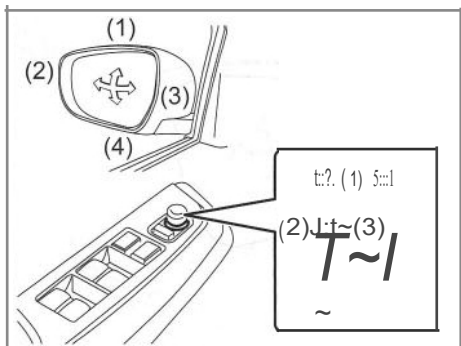
Adjust the outside rearview mirrors so you can just see the side of your vehicle in the mirrors.

⚠ WARNING

Be careful when judging the size or distance of a vehicle or other object seen in the side convex mirror. Be aware that objects look smaller and appear farther away than when seen in a flat mirror.

BEFORE DRIVING

Electric mirrors (if equipped)



52RM20250

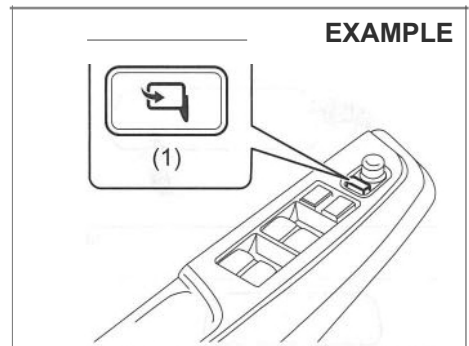
The switch to control the electric mirrors is located on the driver's door panel. You can adjust the mirrors when the ignition switch is in "ACC" or "ON" position, or the ignition mode is "ACC" or "ON". To adjust the mirrors:

- 1) Rotate the selector switch to the left or right to select the mirror you wish to adjust.
- 2) Push the side of the switch to the direction in which you wish to move the mirror.
- 3) Return the selector switch to the center position to prevent unintended mirror movement.

NOTE:

If your vehicle is equipped with the heated outside rearview mirrors, refer to "Heated rear window switch / heated outside rearview mirror switch (if equipped)" in this section.

Outside rearview mirrors folding switch (if equipped)



52RM20260

You can fold the mirrors when you park the vehicle in a narrow space. Push the folding switch (1) to fold and unfold the mirrors. Make sure the mirrors are completely unfolded before you start driving.

A CAUTION

Moving mirrors can pinch and injure a hand. Do not allow anyone's hand to get near the mirrors when folding and unfolding the mirrors.

Front seats

Seat adjustment

A WARNING

Never attempt to adjust the driver's seat or seatback while driving. The seat or seatback could move unexpectedly, causing loss of control. Check that the driver's seat and seatback are properly adjusted before you start driving.

A WARNING

To avoid excessive seat belt slack, which reduces the effectiveness of the seat belts as a safety device, check that the seats are adjusted before the seat belts are fastened.

A WARNING

All seatbacks should always be in an upright position when driving, or seat belt effectiveness may be reduced. Seat belts are designed to offer maximum protection when seatbacks are in the upright position.

A WARNING

Do not place any object under the front seat. If an object becomes caught under the front seat, the following may occur.

- The seat will not be latched.
- The lithium-ion battery, located under the front left side seat in a model equipped with ENGA-STOP system, will be damaged.

EXAMPLE



Seat position adjustment lever (1)

Pull the lever up and slide the seat.

Seatback angle adjustment lever (2)

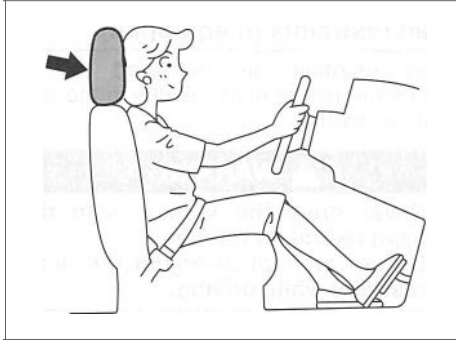
Pull the lever up and move the seatback.

Seat height adjustment lever (3) (if equipped)

Pull the lever up to raise the seat. Push the lever down to lower the seat.

After adjustment, move the seat and seatback back and forth to check if it is securely latched.

Head restraints (Adjustable type)



80J001

Head restraints are designed to help reduce the risk of neck injuries in the case of an accident. Adjust the head restraint to the position which places the center of the head restraint closest to the top of your ears. If this is not possible for very tall passengers, adjust the head restraint as high as possible.

A WARNING

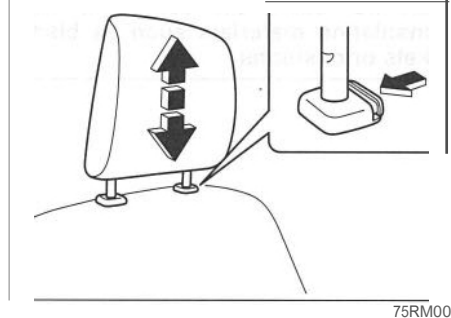
- **Never drive the vehicle with the head restraints removed.**
- **Do not attempt to adjust the head restraint while driving**

NOTE:

It may be necessary to recline the seat-back to provide enough overhead clearance to remove the head restraint.

Front

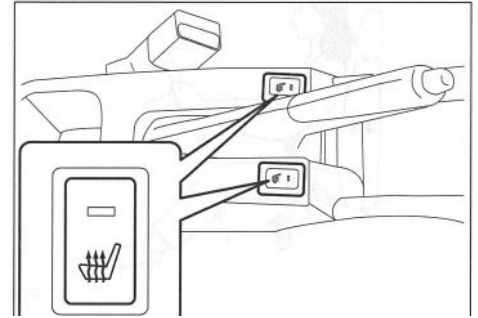
EXAMPLE



75RM004

To raise the front head restraint, pull upward the head restraint until it clicks. To lower the head restraint, push down the head restraint while holding in the lock lever. If a head restraint must be removed (for cleaning, replacement, etc.), push in the lock lever and pull the head restraint all the way out.

Frontseat heater (if equipped)



52RM20/40

With the ignition switch is in "ON" position or the ignition mode is "ON", push in one or both of the seat heater switch(es) to warm the corresponding seat(s). The indicator light in the switch will also come on. To turn off the seat heater, push in the switch again. The indicator light in the switch will go off.



86G064

A WARNING

Improperly using the seat heater can be hazardous. An occupant can suffer burns even if the heating temperature is fairly low, if the occupant is wearing thin pants, a thin skirt or shorts and leaves the heater on for long periods.

Avoid using the seat heater for these occupants:

- People who have reduced feeling in their legs, including the elderly or those with certain disabilities.
- Small children, or anyone with sensitive skin.
- People who are asleep or under the influence of alcohol or other drugs which make them tired.

NOTICE

To avoid damaging the heater element:

- Do not subject the front seats to heavy impacts, such as children jumping on them.
- Do not cover the seat with any insulating materials such as blankets or cushions.

Rear seats

Head restraints (if equipped)

Head restraints are designed to help reduce the risk of neck injuries in the case of an accident.

A WARNING

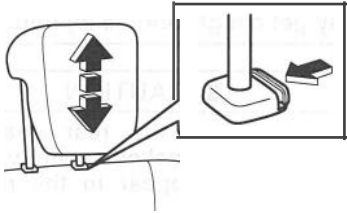
- Never drive the vehicle with the head restraints removed.
- Do not attempt to adjust the head restraint while driving.

NOTE:

It may be necessary to fold forward the seatback to provide enough overhead clearance to remove the head restraint.

Adjust the head restraint to the position which places the center of the head restraint closest to the top of your ears. If this is not possible for very tall passengers, adjust the head restraint as high as possible.

Rear

EXAMPLE

61MMOA033

To raise the rear head restraint, pull upward the head restraint until it clicks. To lower the head restraint, push down the head restraint while holding in the lock lever. If a head restraint must be removed (for cleaning, replacement, etc.), push in the lock lever and pull the head restraint all the way out.

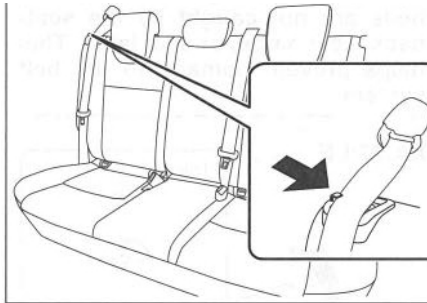
When installing a child restraint system, adjust the height of the head restraint or remove it for fitting the child restraint, as necessary.

Folding rear seats

The rear seats of your vehicle can be folded forward to provide additional cargo space.

To fold the rear seats forward:

- 1) Lower the head restraint (if equipped) fully.

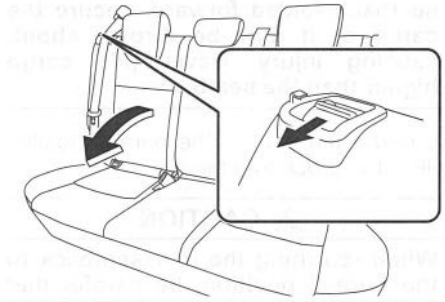
EXAMPLE

52RM20150

- 2) Hook the webbing of the outboard lap-shoulder belts in the belt hangers.

NOTICE

- When you move a seatback, make sure the belt webbing is hooked in the seat belt hangers so the seat belts are not caught by the seat-back, seat hinge or seat latch. This helps prevent damage to the belt system
- Make sure the belt webbing is not twisted.

EXAMPLE

52RM20160

- 3) For the split seat, pull the release lever on the top of each split seat, and fold the seatbacks forward.
For the bench seat, pull the both release levers on the top of the bench seat together, and fold the seatback forward.

NOTICE

After folding the rear seatback forward, do not allow any foreign material to enter the lock opening. This may cause damage to the inside of the lock and prevent the seatback from being locked securely.

A WARNING

If you need to carry cargo in the passenger compartment with the rear seatback folded forward, secure the cargo or it may be thrown about, causing injury. Never pile cargo higher than the seatbacks.

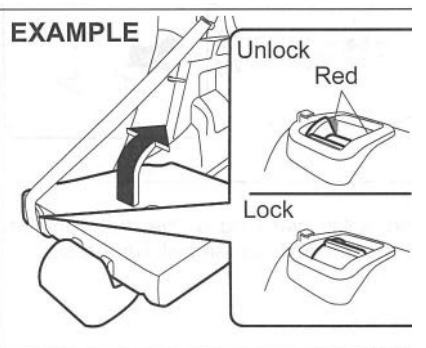
To return the seat to the normal position, follow the procedure below.

A CAUTION

When returning the rear seatback to the normal position, be careful that your finger is not caught between the lock and the striker.

NOTICE

- When returning the rear seatback to the normal position, check that there is nothing around the striker. Any foreign materials prevent the seatback from being locked securely.
- When you move a seatback, make sure the belt webbing is hooked in the seat belt hangers so the seat belts are not caught by the seatback, seat hinge, or seat latch. This helps prevent damage to the belt system.



52RM20170

Raise the seatback until it locks into place.

After returning the seat, move the seatback back and forth to check if it is securely latched.

A CAUTION

Do not put your hand into the rear seatback lock opening, or your finger may get caught and be injured.

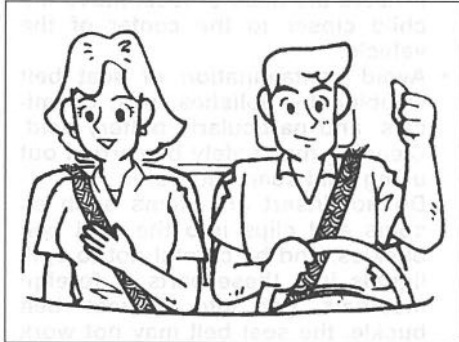
A CAUTION

After securing the rear seatback, check that it is locked securely. If it is not, red will appear in the release lever.

NOTICE

- When returning the rear seatback to the normal position, do not allow any foreign material to enter the lock opening. This may prevent the seatback from being locked securely.
- When returning the rear seatback to the normal position, handle it carefully by hand to avoid any damage to the lock itself. Do not push it by using some material or by applying excessive force.
- As the lock is designed exclusively for securing the rear seatback, do not use it for any other purpose. Incorrect use of it may cause damage to the inside of the lock and prevent the seatback from being locked securely.

Seat belts and child restraint systems



65D231S

WARNING

Wear your seat belts at all times.

A WARNING

An air bag supplements or adds to the frontal crash protection offered by seat belts. The driver and all passengers must be properly restrained by fastening seat belts at all times, whether or not an air bag is mounted at their seating position, to minimize the risk of severe injury or death in the event of a crash.

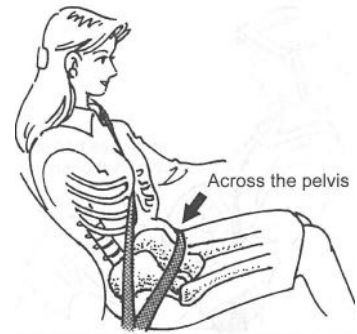


650606

A WARNING

- Never allow persons to ride in the cargo area of a vehicle. In the event of an accident, there is a much greater risk of injury for persons who are not riding in a seat with their seat belt securely fastened.
- Seat belts should always be adjusted as follows:
 - the lap portion of the belt should be worn low across the pelvis, not across the waist.
 - the shoulder straps should be worn on the outside shoulder only, and never under the arm.
 - the shoulder straps should be away from your face and neck, but not falling off your shoulder.

(Continued)



650201

A WARNING

(Continued)

- Seat belts should never be worn with the straps twisted and should be adjusted as tightly as is comfortable to provide the protection for which they have been designed. A slack belt will provide less protection than a snug belt.
- Check that each seat belt buckle is inserted into the proper buckle catch. It is possible to cross the buckles in the rear seat.

(Continued)



650199

A WARNING

(Continued)

- Pregnant women should use seat belts, although specific recommendations about driving should be made by the woman's medical advisor. Remember that the lap portion of the belt should be worn as low as possible across the hips, as shown in the illustration.
- Do not fasten your seat belt over hard or breakable objects in your pockets or on your clothing. If an accident occurs, objects such as glasses, pens, etc. under the seat belt can cause injury.

(Continued)

A WARNING

(Continued)

- Never use the same seat belt for more than one occupant and never attach a seat belt over an infant or child being held on an occupant's lap. Such seat belt use could cause serious injury in the event of an accident.
- Periodically inspect seat belt assemblies for excessive wear and damage. Seat belts should be replaced if webbing becomes frayed, contaminated or damaged in any way. It is essential to replace the entire seat belt assembly after it has been worn in a severe impact, even if damage to the assembly is not obvious.
- Children aged 12 and under should ride properly restrained in the rear seat.
- Infants and small children should never be transported unless they are properly restrained. Restraint systems for infants and small children can be purchased locally and should be used. Check that the system you purchase meets applicable safety standards. Read and follow all the directions provided by the manufacturer.

(Continued)

A WARNING

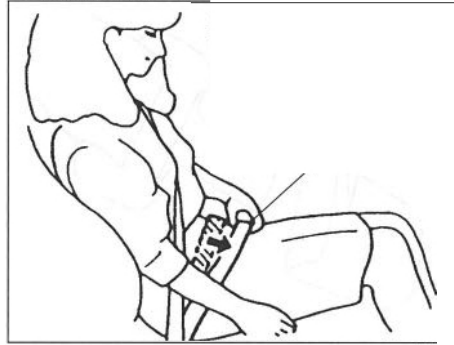
(Continued)

- For children, if the shoulder belt irritates the neck or face, move the child closer to the center of the vehicle.
- Avoid contamination of seat belt webbing by polishes, oils, chemicals, and particularly battery acid. Cleaning may safely be carried out using mild soap and water.
- Do not insert any items such as coins and clips into the seat belt buckles, and be careful not to spill liquids into these parts. If foreign materials get into a seat belt buckle, the seat belt may not work properly.
- All seatbacks should always be in an upright position when driving, or seat belt effectiveness may be reduced. Seat belts are designed to offer maximum protection when seatbacks are in the upright position.

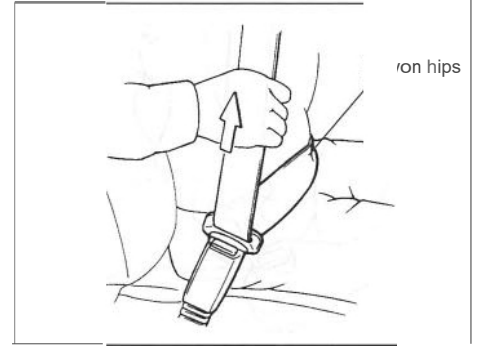
Lap-shoulder belt

Emergency locking retractor (ELR)

The seat belt has an emergency locking retractor (ELR), which is designed to lock the seat belt only during a sudden stop or impact. It also may lock if you pull the belt across your body very quickly. If this happens, let the belt go back to unlock it, and then pull the belt across your body more slowly.

Safety reminder

60A038



60A040

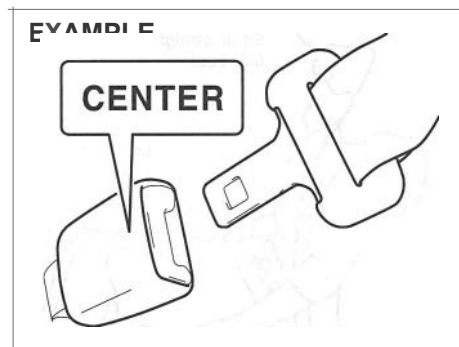
To reduce the risk of sliding under the belt during a crash, position the lap portion of the belt across your lap as low on your hips as possible and adjust it to a snug fit by pulling the shoulder portion of the belt upward through the latch plate. The length of the diagonal shoulder strap adjusts itself to allow freedom of movement.

BEFORE DRIVING



60A036

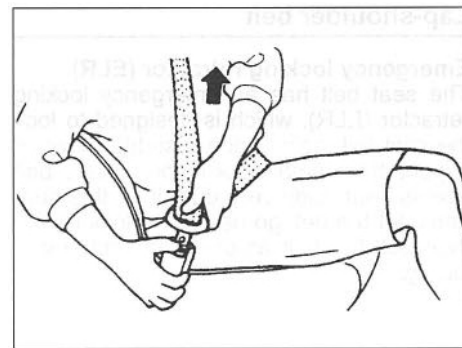
To fasten the seat belt, sit up straight and far back into the seat, pull the latch plate attached to the seat belt across your body and press it straight into the buckle until you hear a click.



80J2008

NOTE:

The word "CENTER" is marked on the buckle for the rear center belt. The buckles are designed so a latch plate cannot be inserted into the wrong buckle.

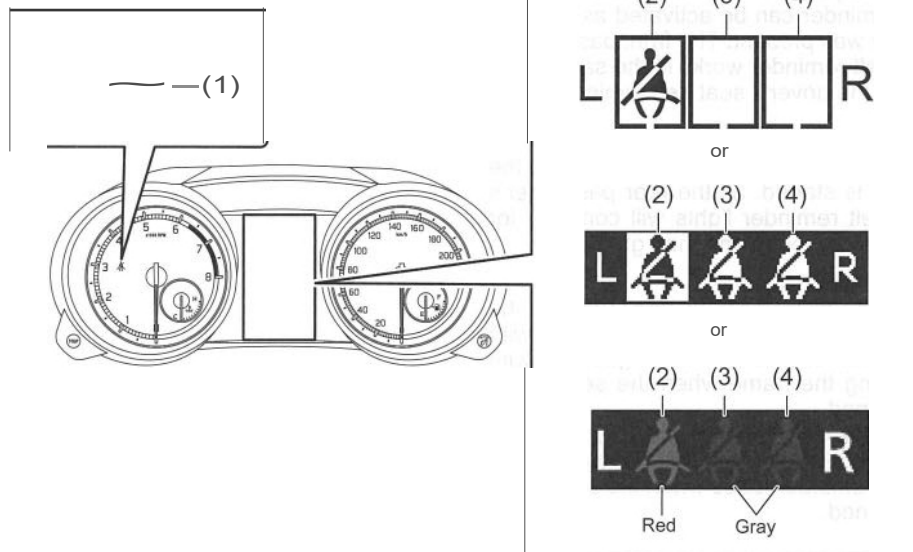


60A039

To unfasten the seat belt, push the red "PRESS" button on the buckle and retract the belt slowly while holding the belt or/and the latch plate.

Seat belt reminder

EXAMPLE



52RM20620

- (1) Driver's seat belt reminder light/ front passenger's seat belt reminder light
- (2) Rear passenger's seat belt reminder light (rear left)*1
- (3) Rear passenger's seat belt reminder light (rear center)*2
- (4) Rear passenger's seat belt reminder light (rear right)*2

*1 This symbol represents that the seat belt is unfastened.

*2 This symbol represents that the seat belt is fastened.

When the driver and/or passenger(s) do not fasten their seat belts, the seat belt reminder lights will come on or blink and a buzzer will sound to remind the driver and/or passenger(s) to fasten their seat belts. For more details, refer to the explanation below.

A WARNING

It is absolutely essential that the driver and passengers fasten their seat belts at all times. Persons who are not fastening seat belts have a much greater risk of injury if an accident occurs. Make a regular habit of buckling your seat belt before putting the key in the ignition or pressing the engine switch.

BEFORE DRIVING

Driver's seat belt reminder

If the driver's seat belt remains unbuckled when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", the reminder works as follows:

- 1) The driver's seat belt reminder light will come on. The front passenger's seat belt reminder light will also come on if a front passenger does not fasten his/her seat belt.
- 2) After the vehicle's speed has reached about 15 km/h, the driver's seat belt reminder light will blink and a buzzer will sound for about 95 seconds.
- 3) The reminder light will remain on until the driver's seat belt is buckled.

If the driver has buckled his or her seat belt and later unbuckles the seat belt, the reminder system will be activated from Step 1) or 2) according to the vehicle's speed. When the vehicle's speed is less than 15 km/h, the reminder will start from Step 1). When the vehicle's speed is more than 15 km/h, the reminder will start from Step 2).

The reminder will be automatically canceled when the driver's seat belt is buckled or the ignition switch is turned off, or the engine switch is pressed to change the ignition mode to "LOCK" (OFF).

Frontpassenger's seat belt reminder

The front passenger's seat belt reminder will activate only when there is a passenger sitting in the front seat. In some situations, however, such as when you place heavy objects in the front seat, the seat belt reminder can be activated as if a passenger was present. The front passenger's seat belt reminder works in the same manner as the driver's seat belt reminder.

Rear passenger's seat belt reminder

If a rear seat belt is not fastened when the engine is started, all the rear passenger's seat belt reminder lights will come on for about 35 seconds and then go out.

Within this 35 seconds;

- For the instrument cluster (Type A), the corresponding reminder comes on with the frame. The reminder goes off with leaving the frame when the seat belt is fastened.
- For the instrument cluster (Type B), the corresponding reminder is highlighted. The reminder fades when the seat belt is fastened.

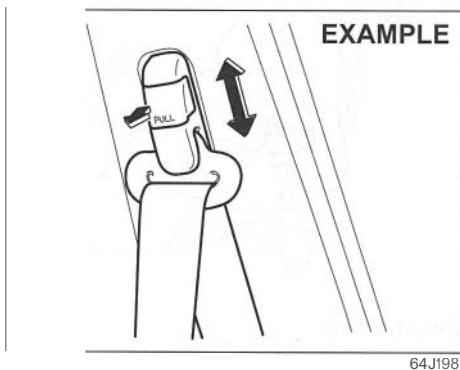
The rear passenger's seat belt reminder lights will also come on for about 35 seconds in the following conditions.

- If a seat belt is unfastened when the vehicle speed is less than 15 km/h, the corresponding light will come on.

- If a seat belt is unfastened when the vehicle speed is more than 15 km/h, the corresponding light will come on and a buzzer will sound.

The reminder will be automatically canceled when the rear seat belt is buckled or the ignition switch is turned off, or the engine switch is pressed to change the ignition mode to "LOCK" (OFF).

Shoulder anchor height adjuster (if equipped)

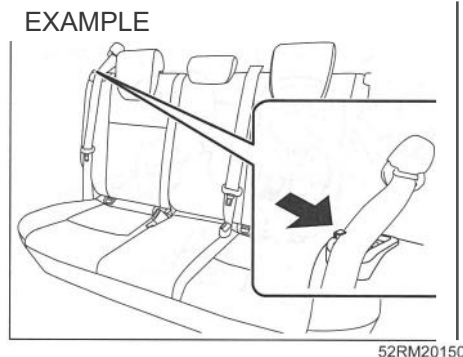


Adjust the shoulder anchor height so that the shoulder belt rides on the center of the outboard shoulder. To move upward, slide the anchor up. To move downward, slide the anchor down while pulling the lock knob out. After adjustment, check that the anchor is securely locked.

A. WARNING

Check that the shoulder belt is positioned on the center of the outside shoulder. The belt should be away from your face and neck, but not falling off your shoulder. Misadjustment of the belt could reduce the effectiveness of the seat belt in a crash.

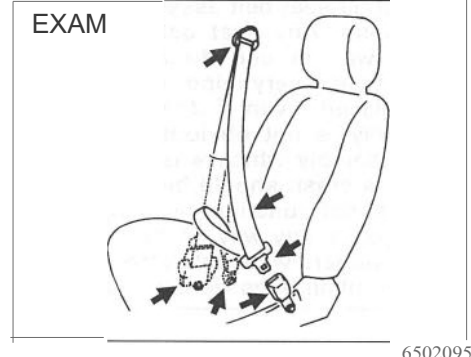
Seat belt hanger



NOTICE

When you move a seatback, make sure the belt webbing is hooked in the seat belt hangers so the seat belts are not caught by the seatback, seat hinge, or seat latch. This helps prevent damage to the belt system.

Seat belt inspection



Periodically check if the seat belts work properly and are not damaged. Check the webbing, buckles, latch plates, retractors, anchorages and guide loops. Replace any seat belts which do not work properly or are damaged.

A WARNING

Inspect all seat belt assemblies after any crash. Any seat belt assembly which was in use during a crash (other than a very minor one) should be replaced, even if damage to the assembly is not obvious. Any seat belt assembly which was not in use during a crash should be replaced if it does not function properly, it is damaged in any way or the seat belt pretensioners were activated (that is, if the front air bags were activated).

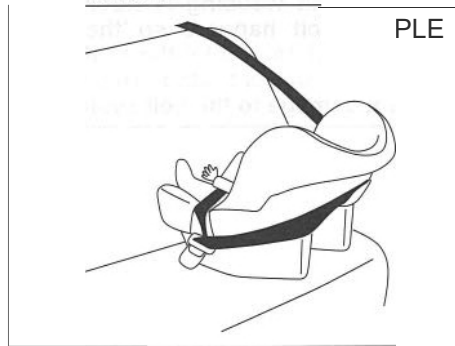
Child restraint systems



60G332S

The following types of child restraint system are available generally.

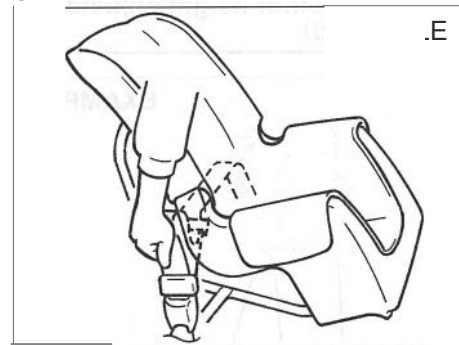
Infant restraint



PLE

80JC007

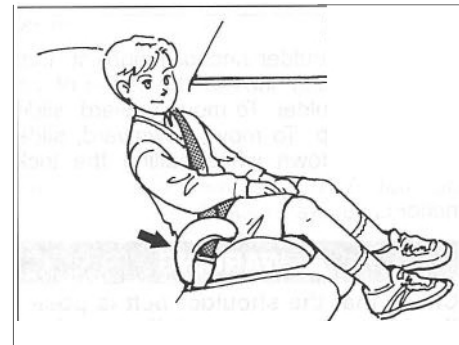
Child restraint



.E

80JC016

Booster seat



80JC008

SUZUKI highly recommends that you use a child restraint system to restrain infants and small children. Many different types of child restraint systems are available; check

that the restraint system you select meets applicable safety standards.

All child restraint systems are designed to be secured in vehicle seats either by seat belts (lap belts or the lap portion of lap-shoulder belts) or by special rigid lower anchor bars built into the seat. Whenever possible, SUZUKI recommends that child restraint systems be installed on the rear seat. According to accident statistics, children are safer when properly restrained in rear seating positions than in front seating positions.

(For countries applied for UN Regulation No.16)

When purchasing a child restraint and install it to your SUZUKI vehicle, refer to the information about suitability for child restraints shown in "Child restraint system for countries applied for UN Regulation No.16" in this section.

NOTE:

Observe any statutory regulation about child restraints.



58MS030

A WARNING

When using a child restraint system on the front passenger's seat, the front passenger's air bag system must be deactivated; otherwise deployment of the front passenger's air bag could result in the death or serious injury of the child.

A WARNING

If you install a child restraint system in the rear seat, slide the front seat far enough forward so that the child's feet do not touch the front seatback. This will help avoid injury to the child in the event of an accident.



650608

A WARNING

Children could be endangered in a crash if their child restraint systems are not properly secured in the vehicle. When installing a child restraint system, follow the instructions below. Secure the child in the restraint system according to the manufacturer's instructions.



650609

Child restraint system for countries applied for UN Regulation No.16

CAUTION

Adjust the height of the rear head restraint or remove it for fitting the child restraint, as necessary. However, if a booster cushion not equipped with the head restraint is fitted, the rear seat head restraint should not be removed. If the rear head restraint is removed for fitting the child restraint, you need to install it again after removing the child restraint. If the child restraint is fitted improperly, a child sitting in it could be injured in a crash. (Refer to "Installation with lap-shoulder seat belts" section, "Installation with ISOFIX type anchorages" section and "Installation of child restraint with top tether" section in this section for details.)

Child restraint

The suitability of each passenger's seat position for carriage of children and fitting of child restraint system is shown in the table below. Whenever you carry children under 12 years of age or smaller than 150 cm, properly use the child restraints which conform to UN Regulation No. 44, the standard for child restraints, referring to the table.

Installation suitability of child restraint systems

Mass Group	Seating position (or other site)					
	Front Passenger		Rear Outboard	Rear Center ²⁾	Intermediate Outboard	Intermediate Center
	Front Passenger airbag is activated	Front Passenger airbag is deactivated				
group 0 up to 10 kg	X	U	U	U	N.A.	N.A.
group 0+ up to 13 kg	X	U)	0>>	U)	N.A.	N.A.
group I 9 to 18 kg	X	U	U	U	N.A.	N.A.
group II 15 to 25 kg	X	UF	UF	UF	N.A.	N.A.
group III 22 to 36 kg	X	UF	UF	UF	N.A.	N.A.

BEFORE DRIVING

Key of letters to be inserted in the above table:

U =Suitable for 'universal' category restraints approved for use in this mass group

UF =Suitable for forward-facing 'universal' category restraints approved for use in this mass group

L =Suitable for particular child restraints given on attached list.

These restraints may be of the 'specific vehicle', 'restricted' or 'semi-universal' categories.

B =Built-in restraint approved for this mass group

X =Seat position not suitable for children in this mass group

NOTE:

1) *SUZUKI recommends "Britax Romer Baby Safe Plus" child seat.*

SUZUKI Genuine Accessory part number: 990E0-59J37-001

2) *Child seat with support leg are forbidden in this seating position.*

NOTE:

'universal' is the category in UN Regulation No. 44.

Installation suitability of ISOFIX child restraint systems

Mass Group		Size class	Fixture	Vehicle ISOFIX positions					
				Front Passenger	Rear Outboard	Rear Center	Intermediate Outboard	Intermediate Center	Others sites
carrycot		F	ISO/L 1	N.A.	X	N.A.	N.A.	N.A.	N.A.
		G	ISO/L2	N.A.	X	N.A.	N.A.	N.A.	N.A.
group 0	up to 10 kg	E	ISO/R1	N.A.	IL	N.A.	N.A.	N.A.	N.A.
group 0+		E	ISO/R1	N.A.	IL	N.A.	N.A.	N.A.	N.A.
		D	ISO/R2	N.A.	IL	N.A.	N.A.	N.A.	N.A.
		e	ISO/R3	N.A.	IL	N.A.	N.A.	N.A.	N.A.
group I		D	ISO/R2	N.A.	IL	N.A.	N.A.	N.A.	N.A.
		e	ISO/R3	N.A.	IL	N.A.	N.A.	N.A.	N.A.
		B	ISO/F2	N.A.	IL, IUF	N.A.	N.A.	N.A.	N.A.
		81	ISO/F2X	N.A.	IL, IUF, I	N.A.	N.A.	N.A.	N.A.
		A	ISO/F3	N.A.	IL, IUF	N.A.	N.A.	N.A.	N.A.
group II	15 to 25 kg			N.A.	IL2I	N.A.	N.A.	N.A.	N.A.
group III	22 to 36 kg			N.A.	IL2I	N.A.	N.A.	N.A.	N.A.

BEFORE DRIVING

Key of letters to be inserted in the above table

!UF=Suitable for ISOFIX forward child restraints systems of universal category approved for use in this mass group

IL =Suitable for particular ISOFIX CRS are those of "specific vehicle", "restricted" or "semi-universal" categories.

X =ISOFIX position not suitable for ISOFIX child restraint systems in this mass group and/or this size class.

NOTE:

1) SUZUKI recommends *"Britax Römer Duo Plus" child seat.*
SUZUKI Genuine Accessory part number: 990E0-59J56-000

2) SUZUKI recommends *"Britax Romer KidFix XP" child seat.*
SUZUKI Genuine Accessory part number: 990E0-59J25-002

NOTE:

'universal' is the category in UN Regulation No. 44.

Installation suitability of i-Size child restraint systems

	Seating position						
	Front Passenger Outboard	Rear Outboard Left	Rear Outboard Right	Rear Center	Intermediate Outboard Left	Intermediate Outboard Right	Intermediate Center
i-Size Child Restraint Systems	N.A.	i-U	i-U	N.A.	N.A.	N.A.	N.A.

Key of letters to be inserted in the above table

i-U =Suitable for i-Size "universal" Child Restraint Systems forward and rearward facing.

i-UF =Suitable for forward-facing i-Size "universal" Child Restraint Systems only.

X =Seating position not suitable for i-Size "universal" Child Restraint Systems.

NOTE:

'universal' is the category in UN Regulation No. 44.

Installation with lap-shoulder seat belts

CAUTION

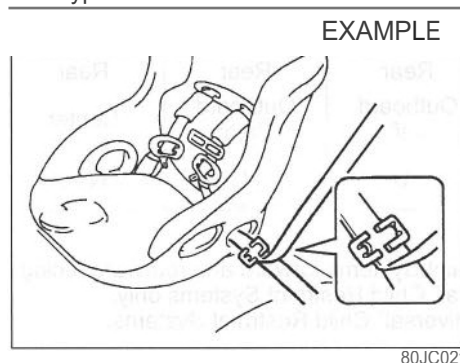
If your vehicle is equipped with the rear head restraint, adjust the height of the rear head restraint or remove it for fitting the child restraint, as necessary. However, if a booster cushion not equipped with the head restraint is fitted, the rear seat head restraint should not be removed. If the rear head restraint is removed for fitting the child restraint, you need to install it again after removing the child restraint.

If the child restraint is fitted improperly, a child sitting in it could be injured in a crash.

NOTE:

Stow the removed head restraint in the luggage compartment so it will not cause inconvenience to the occupants.

ELR type belt



Whenever possible, SUZUKI recommends that child restraint systems be installed on the rear seat. According to accident statistics, children are safer when properly restrained in rear seating positions than in front seating positions.

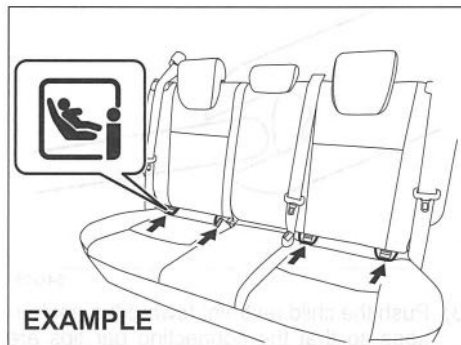
- If you must install the child restraint system on the front passenger's seat, follow instructions below.
 - Deactivate the front passenger's front air bag by the front passenger air bag deactivation system.
 - Slide the seat to the most rear position by the seat position adjustment lever.
 - Adjust the seatback at the 5th step inclined position (counted from most upright position) with the seatback angle adjustment lever.
 - If your vehicle is equipped with the seat height adjustment lever, raise the seat to the uppermost position by the seat height adjustment lever.

Install your child restraint system according to the instructions provided by the child restraint system manufacturer.

Check that the seat belt is securely latched.

Move the child restraint system in all directions to check that it is securely installed. When you put your child in the child restraint system, appropriately slide the front seat forward not to touch a part of your child's body.

Installation with ISOFIXtype anchorages



52RM20270

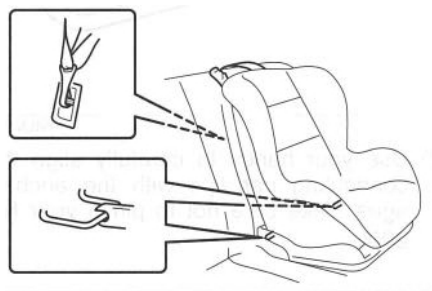
Your vehicle is equipped with the lower anchorages in the rear seat outboard seating positions for securing a ISOFIX type of child restraints with the connecting bars. The lower anchorages are located where the rear of the seat cushion meets the bottom of the seatback.

A WARNING

Install the ISOFIX type of child restraint(s) in the only outboard seating positions, not in the central position for the rear seat.

Install the ISOFIX type child restraint system according to the instructions provided by the child restraint system manufacturer. After installation, try moving the child restraint system in all directions especially forward to check that connecting bars are securely latched to the anchorages.

EXAMPLE



84MM00252

Your vehicle is equipped with the top tether anchorages. Use the top tether strap of the child restraint according to the instructions provided by the child restraint system manufacturer.

Here is a general instruction:

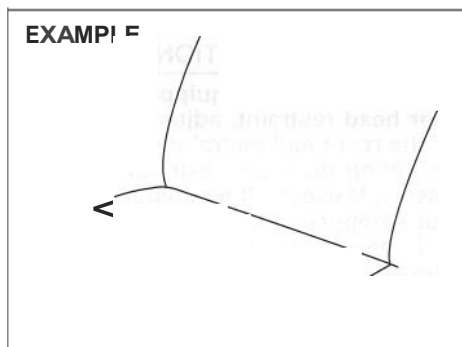
A CAUTION

If your vehicle is equipped with the rear head restraint, adjust the height of the rear head restraint or remove it for fitting the child restraint, as necessary. However, if a booster cushion not equipped with the head restraint is fitted, the rear seat head restraint should not be removed. If the rear head restraint is removed for fitting the child restraint, you need to install it again after removing the child restraint.

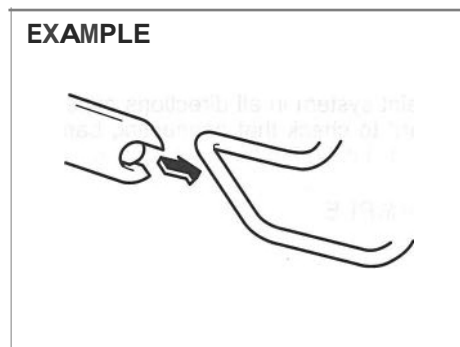
If the child restraint is fitted improperly, a child sitting in it could be injured in a crash.

NOTE:

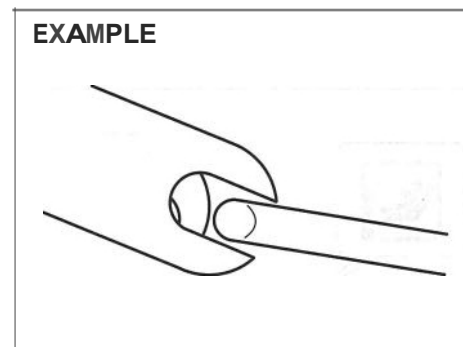
Stow the removed head restraint in the luggage compartment so it will not cause inconvenience to the occupants.



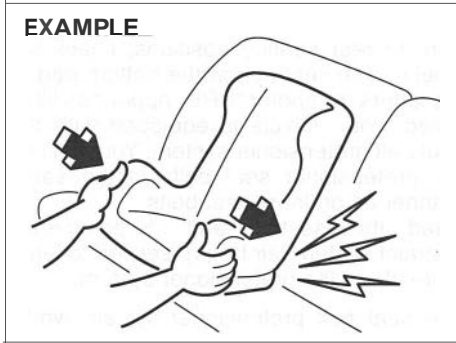
- 1) Place the child restraint in the rear seat, inserting the connecting bars to the anchorages between the seat cushion and the seatback.



- 2) Use your hands to carefully align the connecting bar tips with the anchorages. Take care not to pinch your fingers.



- 3) Push the child restraint toward the anchorages so that the connecting bar tips are partially hooked to the anchorages. Use your hands to confirm the position.

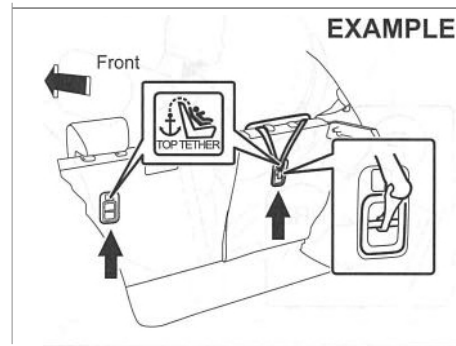
EXAMPLE

54G185

- 4) Grasp the front of the child restraint and push the child restraint forcefully to latch the connecting bars. Check that they are securely latched by trying to move the child restraint system in all directions, especially forward.
- 5) Attach the top tether strap referring to "Installation of child restraint with top tether" section.
When you put your child in the child restraint system, appropriately slide the front seat forward not to touch a part of your child's body.

NOTICE

When installing a child restraint system to the rear seat, adjust the front seat position so that the front seat does not interfere with the child restraint system.

Installation of child restraint with top tether

52RM20180

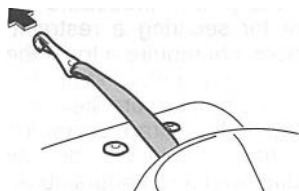
Some child restraint systems require the use of a top tether strap. Top tether anchor brackets are provided in your vehicle at the locations shown in the illustrations. The number of the top tether anchor brackets provided in your vehicle depends on the vehicle specification. Install the child restraint system as follows:

- 1) Remove the luggage compartment cover (if equipped).
- 2) Secure the child restraint on the rear seat using the procedure described above for securing a restraint system that does not require a top tether strap.
- 3) Hook the top tether strap to the top tether anchorage bracket and tighten the top tether strap according to the instructions provided by the child restraint system manufacturer. Attach the top tether strap to the corresponding top tether anchorage bracket located directly behind the child restraint. Do not attach the top tether strap to the luggage restraint loops (if equipped).

A. WARNING

Do not attach the child restraint top tether strap to the luggage restraint loops (if equipped). Incorrectly attached top tether strap will reduce the intended effectiveness of the child restraint system.

EXAMPLE



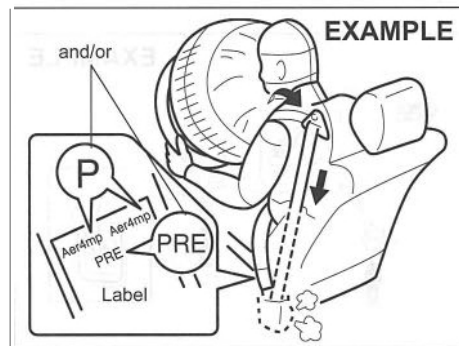
54P000264

- 4) When routing the top tether strap, pass the top tether strap as shown in the illustration. (Refer to "Head restraints (if equipped)" section for details on how to remove the head restraint.)
- 5) Check that cargo does not interfere with routing of the top tether strap.

NOTICE

When installing a child restraint system to the rear seat, adjust the front seat position so that the front seat does not interfere with the child restraint system.

Seat belt pretensioner system



63J269

A WARNING

This section describes your SUZUKI vehicle's seat belt pretensioner system. Read and follow all these instructions carefully to minimize your risk of severe injury or death.

To determine if your vehicle is equipped with a seat belt pretensioner system at the front or rear seating positions, check the label on the seat belt at the bottom part. If the letters "p" and/or "PRE" appear as illustrated, your vehicle is equipped with the seat belt pretensioner system. You can use the pretensioner seat belts in the same manner as ordinary seat belts. Read this section and "Supplemental restraint system (air bags)" section to learn more about the pretensioner system.

The seat belt pretensioner system works with the supplemental restraint system (air bags). The crash sensors and the electronic controller of the air bag system also control the seat belt pretensioners. The pretensioners are triggered only when there is a frontal or side crash severe enough to trigger the air bags and the seat belts are fastened. For precautions and general information including servicing the pretensioner system, refer to "Supplemental restraint system (air bags)" section in addition to this "Seat belt pretensioner system" section, and follow all those precautions.

The pretensioner is located in each front seat belt retractor and each rear seat belt retractor in outboard seating position. The pretensioner tightens the seat belt so the belt fits the occupant's body more snugly in the event of a frontal or side crash. The retractors will remain locked after the pretensioners are activated. Upon activation,

some noise will occur and some smoke may be released. These conditions are not harmful and do not indicate a fire in the vehicle.

The driver and all passengers must be properly restrained by fastening seat belts at all times, whether or not a pretensioner is equipped at their seating position, to minimize the risk of severe injury or death in the event of a crash.

Sit fully back in the seat; sit up straight; do not lean forward or sideways. Adjust the belt so the lap portion of the belt is worn low across the pelvis, not across the waist. Please refer to "Seat adjustment" section and the instructions and precautions about the seat belts in this "Seat belts and child restraint systems" section for details on proper seat and seat belt adjustments.

Please note that the pretensioners along with the air bags will activate in severe frontal or side crashes. They are not designed to activate in rear impacts, roll-overs, or minor frontal side crashes. The pretensioners can be activated only once. If the pretensioners are activated (that is, if the air bags are activated), have the pretensioner system serviced by an authorized SUZUKI dealer as soon as possible.

If AIR BAG light on the instrument cluster does not blink or come on briefly when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", stays on for more

than 10 seconds, or comes on while driving, the pretensioner system or the air bag system may not work properly. Have both systems inspected by an authorized SUZUKI dealer as soon as possible.

Service on or around the pretensioner system components or wiring must be performed only by an authorized SUZUKI dealer who is specially trained. Improper service could result in unintended activation of pretensioners or could render the pretensioner inoperative. Either of these two conditions may result in personal injury.

To prevent damage or unintended activation of the pretensioners, check that the lead-acid battery is disconnected and the ignition switch has been in "LOCK" position or the ignition mode has been "LOCK" (OFF) for at least 90 seconds before performing any electrical service work on your SUZUKI vehicle.

Do not touch pretensioner system components or wiring. The wires are wrapped with yellow tape or yellow tubing, and the couplers are yellow. When scrapping your SUZUKI vehicle, ask an authorized SUZUKI dealer, body repair shop, or scrap yard for assistance.

Supplemental restraint system (air bags)

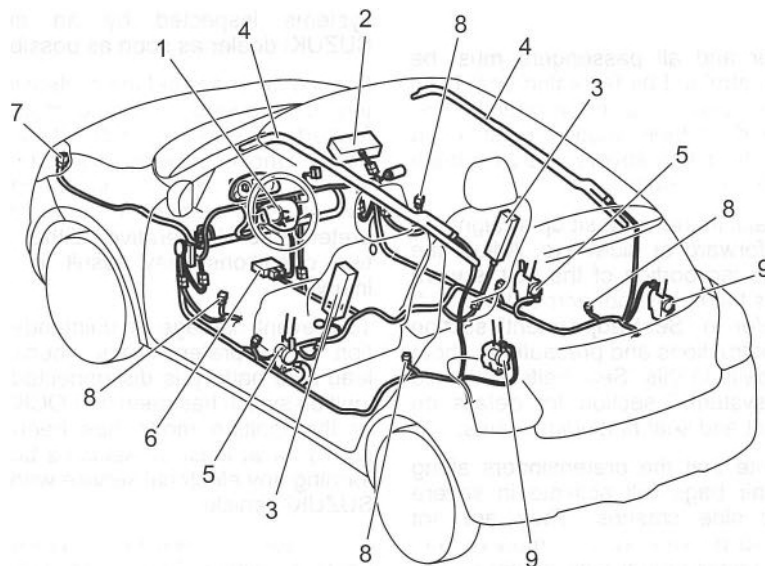
A WARNING

This section describes the protection provided by your SUZUKI vehicle's supplemental restraint system (air bags). Read and follow all Instructions carefully to minimize your risk of severe injury or death in the event of a crash.

Your vehicle is equipped with a supplemental restraint system consisting of the following components in addition to a lap-shoulder belt at each seating position.

- (1) Driver's front air bag module
- (2) Front passenger's front air bag module
- (3) Side air bag module
- (4) Side curtain air bag module
- (5) Front seat belt pretensioners
- (6) Air bag controller
- (7) Forward crash sensor
- (8) Side crash sensor
- (9) Rear seat belt pretensioners

EXAMPLE



52RM20720

A. WARNING

An air bag supplements or adds to the crash protection offered by seat belts. The driver and all passengers must be properly restrained by fastening seat belts at all times, whether or not an air bag is mounted at their seating position, to minimize the risk of severe injury or death in the event of a crash.

AIR BAG light

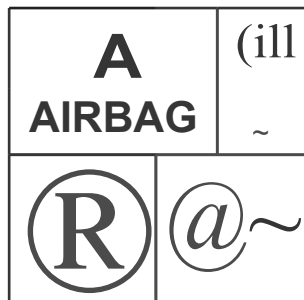


63J030

If AIR BAG light on the instrument cluster does not blink or come on when the ignition switch is first turned to ON position, or the ignition mode is first changed to "ON", or AIR BAG light stays on, or comes on while driving, the air bag system (or the seat belt pretensioner system) may not work properly. Have the air bag system inspected by an authorized SUZUKI dealer as soon as possible.

Air bag symbol meaning

EXAMPLE



72M00150

You may find this label on the sun visor.

A. WARNING

NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur.

Front air bags

EXAMPLE



63J259

Front air bags are designed to inflate in severe frontal crashes when the ignition switch is in "ON" position or the ignition mode is "ON".

NOTE:

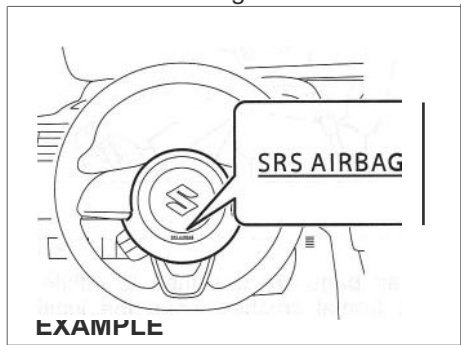
In a frontal angle crash, the side air bags and side curtain air bags may inflate.

Front air bags are not designed to inflate in rear impacts, side impacts, rollovers or minor frontal crashes, since they would offer no protection in those types of accidents. Since an air bag deploys only one time during an accident, seat belts are needed to restrain occupants from further movements during the accident.

BEFORE DRIVING

Therefore, an air bag is not a substitute for seat belts. To maximize your protection, always fasten your seat belts. Be aware that no system can prevent all possible injuries that may occur in an accident.

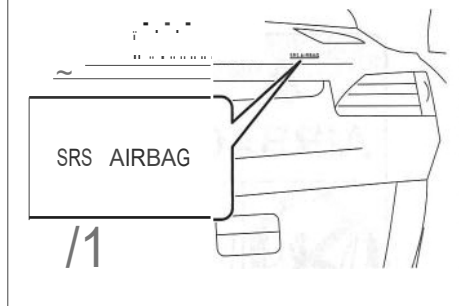
Driver's front air bag



52RM20280

Front passenger's front air bag

EXAMPLE



52RM20290

The driver's front air bag is located behind the center pad of the steering wheel and the front passenger's front air bag is located behind the passenger's side of the dashboard.

The words "SRS AIRBAG" are molded into the air bag covers to identify the location of the air bags.



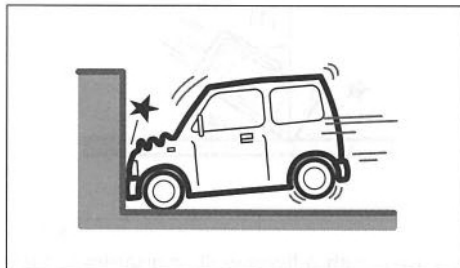
58MS030

A WARNING

When using child restraint system on the front passenger's seat, the front passenger's air bag system must be deactivated; otherwise deployment of the front passenger's air bag could result in the death or serious injury of the child.

Refer to "Seat belts and child restraint systems" section for details on securing your child.

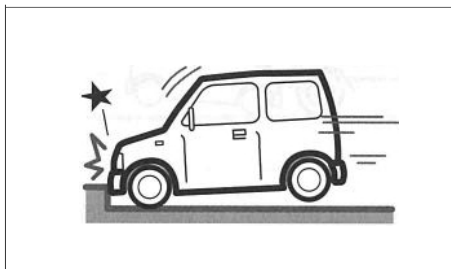
Conditions of front air bags deployment (inflation)



80J097

- Frontal crash with a fixed wall that does not move or deform at more than about 25 km/h (15 mph)

Conditions of front air bags may inflate
Receiving a strong impact to the lower body of your vehicle, the front air bags may inflate.



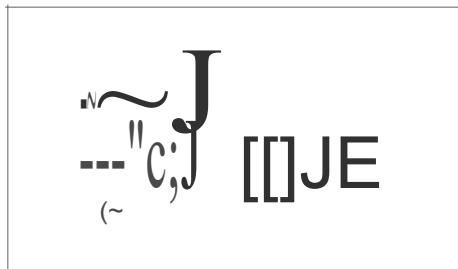
80J099

- Hitting a curb or medial strip



80J101

- Landing hard or falling



80J098E

- Strong impact equivalent to frontal crash such as above at left and right angles of about 30 degrees (1) or less from the front of your vehicle



80J100E

- Falling into a deep hole or ditch

BEFORE DRIVING

Front air bags may not inflate

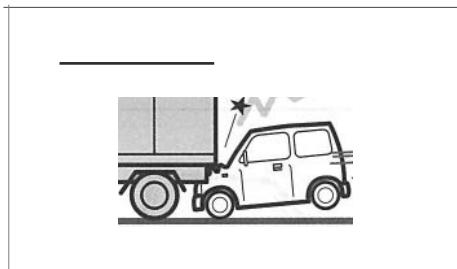
The front air bags may not inflate when a strong impact has not occurred since the crash object was easy to be deformed or moved, or the crashed portion of your vehicle was easy to be deformed.

Also, front air bags may not inflate in many cases when the crash angle is greater than about 30 degrees at left and right angles from the front of your vehicle.



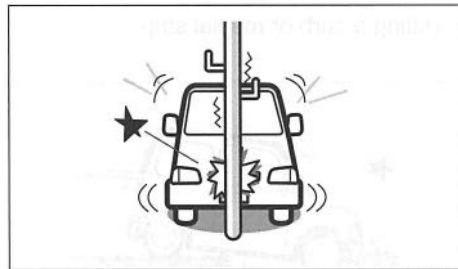
80J102

- Frontal crash to a stopped vehicle at less than about 50 km/h (30 mph)



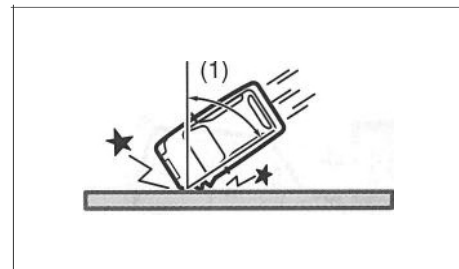
80J103

- Crash that the front of your vehicle goes under the bed of a truck etc.



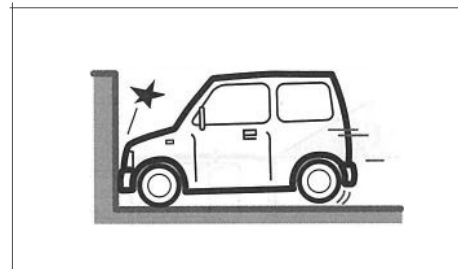
80J104

- Crash with a utility pole or stumpage



80J105E

- Crash with a fixed wall or guardrail at left and right angles of greater than about 30 degrees (1) from the front of your vehicle

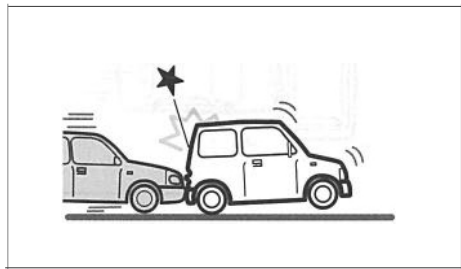


80J106

- Frontal crash with a fixed wall that does not move or deform at less than about 25 km/h (15 mph)

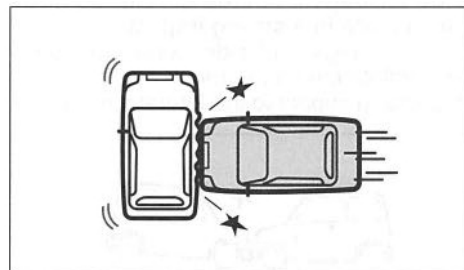
Front air bags do not inflate

Front air bags do not inflate in rear impacts, side impacts or rollovers, etc. However, these might inflate in a strong impact.



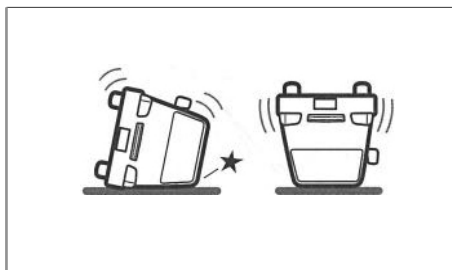
80J120

- Impact from the rear



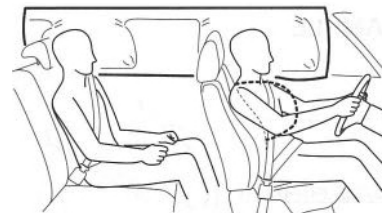
80J119

- Impact from the side



80J110

- Vehicle rollover

Side air bags and side curtain air bags**EXAMPLE**

68KM090

Side air bags and side curtain air bags are designed to inflate in severe side impact crashes when the ignition switch is in "ON" position or the ignition mode is "ON".

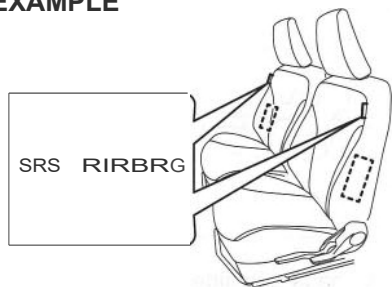
Side air bags and side curtain air bags are not designed to inflate in frontal or rear crashes, rollovers or minor side crashes, since they would offer no protection in those types of accidents. Only the side air bag and side curtain air bag on the side of the vehicle that is struck will inflate. However, in a frontal angle crash, the side air bags and side curtain air bags may inflate. Since an air bag deploys only one time during an accident, seat belts are needed to restrain occupants from further movements during the accident.

BEFORE DRIVING

Therefore, an air bag is not a substitute for seat belts. To maximize your protection, always fasten your seat belts. Be aware that no system can prevent all possible injuries that may occur in an accident.

Side air bags

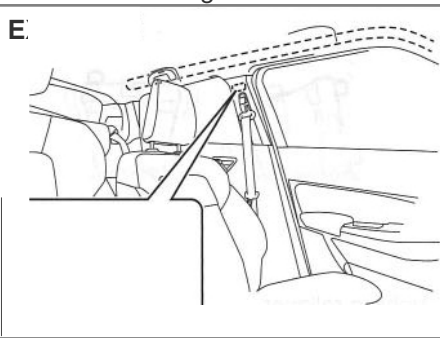
EXAMPLE



52RM20300

Side air bags are located in the part of the front seatbacks closest to the doors. The "SRS AIRBAG" labels are attached to the seatbacks to identify the location of the side air bags.

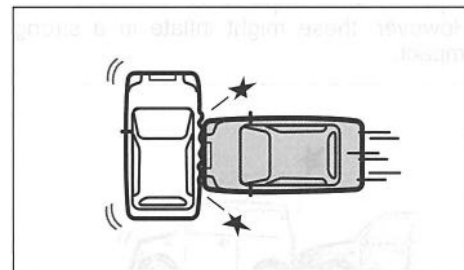
Side curtain air bags



52RM20190

Side curtain air bags are located in the roof lining. The words "SRS AIRBAG" are molded into the pillar to identify the location of the side curtain air bags.

Conditions of side air bags and side curtain air bags deployment (inflation)

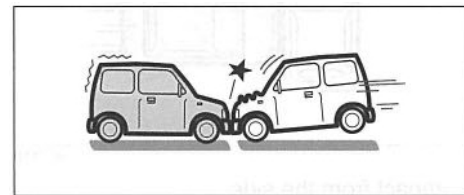


80J119

- Impacts from the side at about a right angle by a general passenger car to your vehicle at more than about 30 km/h (19 mph) or in a greater impact

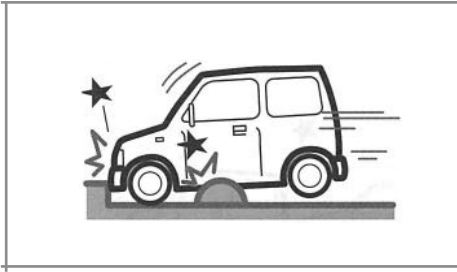
Side air bags and side curtain air bags may inflate in a strong impact

Side air bags and side curtain air bags may inflate even in a frontal crash, if there is a strong impact to the lateral direction.



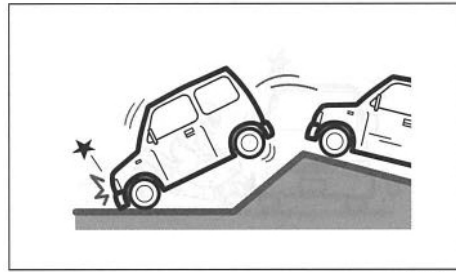
80J102

- Frontal crash



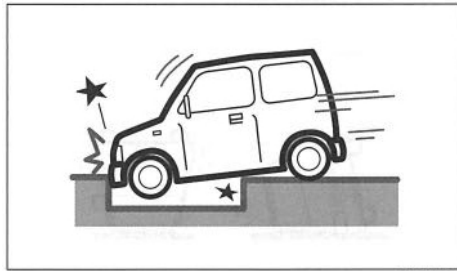
52RM20730

- Hitting a curb or bump



80J101

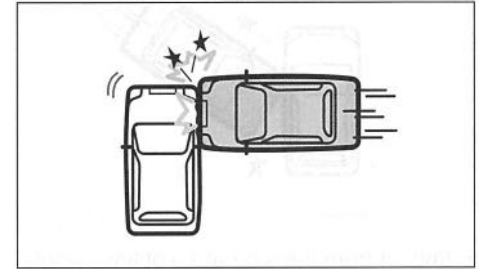
- Landing hard or falling



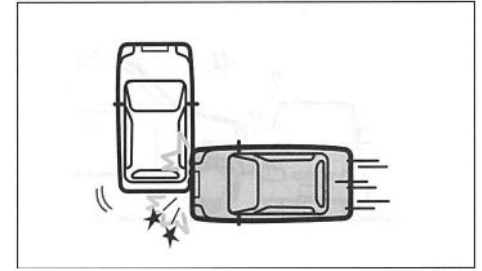
80J100E

- Falling into a deep hole or ditch

Side air bags and side curtain air bags may not inflate



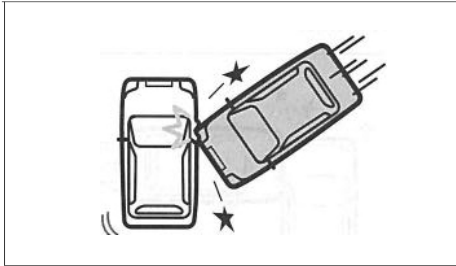
80J121



80J122

- Impact from the side to the vehicle body other than the passenger compartment

BEFORE DRIVING



80J123

Impact from the side at an oblique angle



80J125

- Impact from the side by a motorcycle or bicycle



80J124

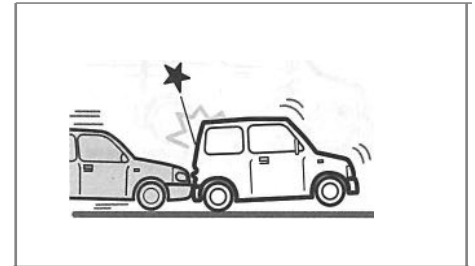
- Impact from the side by a high hood vehicle



80J126

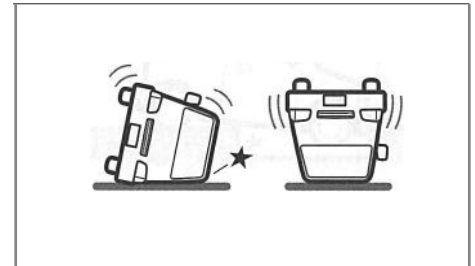
- Crash with a utility pole or stumpage

Side air bags and side curtain air bags do not inflate



80J120

- Impact from the rear



80J110

- Vehicle rollover

How the system works

In a frontal crash, the crash sensors will detect rapid deceleration, and if the controller judges that the deceleration represents a severe frontal crash, the controller will trigger the inflators. If your vehicle is equipped with side air bags and side curtain air bags, crash sensors will detect a side crash, and if the controller judges that the side crash is severe enough, it will trigger the side air bag and side curtain air bag inflators. The inflators inflate the appropriate air bags with nitrogen or argon gas. The inflated air bags provide a cushion for your head (front air bags and side curtain air bags only) and upper body. The air bag inflates and deflates so quickly that you may not even realize that it has activated. The air bag will neither hinder your view nor make it harder to exit the vehicle.

Air bags must inflate quickly and forcefully in order to reduce the chance of serious or fatal injuries. However, an unavoidable consequence of the quick inflation is that the air bag may irritate bare skin, such as the facial area against a front air bag. Also, upon inflation, a loud noise will occur and some powder and smoke will be released. These conditions are not harmful and do not indicate a fire in the vehicle. Be aware, however, that some air bag components may be hot for a while after inflation.

A seat belt helps keep you in the proper position for maximum protection when an air bag inflates. Adjust your seat as far back as possible while still maintaining control of the vehicle. Sit fully back in your seat; sit up straight, do not lean over the steering wheel or dashboard. Front occupants should not lean on or sleep against the door. Refer to "Seat adjustment" section and "Seat belts and child restraint systems" section in this section for details on proper seat and seat belt adjustments.



65D610



54G582

A WARNING

- The driver should not lean over the steering wheel. The front passenger should not rest his or her body against the dashboard, or otherwise get too close to the dashboard. For vehicles with side air bags and side curtain air bag, occupants should not lean on or sleep against the door. In these situations, the out-of-position occupant would be too close to an inflating air bag, and may suffer severe injury.
- Do not attach any objects to, or place any objects over, the steering wheel or dashboard. Do not place any objects between the air bag and the driver or front passenger. These objects may interfere with air bag operation or may be propelled by the air bag in the event of a crash. Either of these conditions may cause severe injury.
- For vehicles with side air bags, do not place seat covers on the front seats, because seat covers could restrict the air bag's inflation. Also, do not place any cup holders on the door, as the cup holder could be propelled by the air bag in the event of a crash. Either of these conditions may cause severe injury.

Even though your vehicle is moderately damaged by a crash, it may not be severe enough to trigger front, side or side curtain air bags to inflate. If your vehicle sustains any front-end or side damage, have the air bag system inspected by an authorized SUZUKI dealer to ensure that it works properly.

Your vehicle is equipped with a diagnostic module which records information about the air bag system if the air bags deploy in a crash. The module records information about overall system status, and which sensors activated the deployment, and for a certain vehicle only, whether the driver's seat belt was in use.

Servicing the air bag system

If the air bags inflate, have the air bags and related components replaced by an authorized SUZUKI dealer as soon as possible.

If your vehicle ever gets in deep water and the driver's floor is submerged, the air bag controller could be damaged. If this happens, ask an authorized SUZUKI dealer to check the air bag system as soon as possible.

Special procedures are required for servicing or replacing an air bag. For that reason, only an authorized SUZUKI dealer should be allowed to service or replace your air bags. Remind anyone who services your SUZUKI vehicle that it has air bags.

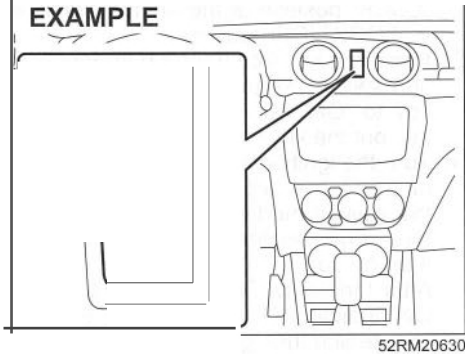
Service on or around air bag components or wiring must be performed only by an authorized SUZUKI dealer. Improper service could result in unintended air bag deployment or could render the air bag inoperative. Either of these two conditions may result in severe injury.

To prevent damage or unintended inflation of the air bag system, check that the lead-acid battery is disconnected and the ignition switch has been in "LOCK" position or the ignition mode has been "LOCK" (OFF) for at least 90 seconds before performing any electrical service work on your SUZUKI vehicle. Do not touch air bag system components or wires. The wires are wrapped with yellow tape or yellow tubing, and the couplers are yellow for easy identification.

Scrapping a vehicle that has an uninflated air bag can be hazardous. Ask an authorized SUZUKI dealer, body repair shop or scrap yard for help with disposal.

Front passenger air bag deactivation system

EXAMPLE



52RM20630

The front passenger's front air bag must be deactivated if a child restraint system is to be installed on the front passenger's seat.

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", "PASSENGER AIRBAG ON" indicator (1) or "PASSENGER AIRBAG OFF" indicator (2) shows whether the front passenger's air bag is activated or deactivated.

When the front passenger's air bag is activated, both "PASSENGER AIRBAG ON" indicator (1) and "PASSENGER AIRBAG OFF" indicator (2) come on for a few seconds and then go out.

After that, only "PASSENGER AIRBAG ON" indicator (1) comes on for about 1 minute and then goes out.

When the front passenger's air bag is deactivated, both "PASSENGER AIRBAG ON" indicator (1) and "PASSENGER AIRBAG OFF" indicator (2) come on for a few seconds and then go out.

After that, only "PASSENGER AIRBAG OFF" indicator (2) comes on.

When you activate or deactivate the front passenger's air bag, check which indicator is on before starting the engine.

Side air bags, side curtain air bags and seat belt pretensioners are not connected to the air bag deactivation system. Even if the front passenger's air bag is deactivated, side air bags, side curtain air bags and seat belt pretensioners are still activated.



5BMS030

A WARNING

When using child restraint system on the front passenger's seat, the front passenger's air bag must be deactivated; otherwise deployment of the front passenger's air bag could result in the death or serious injury of the child.

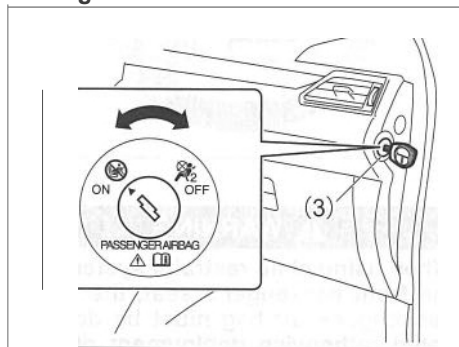
A WARNING

Check that the front passenger's air bag is activated and "PASSENGER AIRBAG ON" indicator (1) is on whenever there is no child restraint installed on the front passenger's seat.

BEFORE DRIVING

According to accident statistics, children are safer when properly restrained in rear seating positions than front seating positions. Whenever possible, SUZUKI recommends that child restraint systems be installed on the rear seat.

Air bag deactivation switch



52RM20330

The air bag deactivation switch (3) is installed only for use when a rear-facing child restraint system or infant restraint system is installed in the front passenger's seat. The switch is located on the lateral face of the passenger's side of the instrument panel.

To deactivate the front passenger's air bag, follow the instructions below before starting the engine.

- 1) Check that the ignition switch is in "LOCK" position or the engine switch is in "LOCK" (OFF) mode.
- 2) Insert the key into the air bag deactivation switch (3), then push and turn the key to "OFF" (air bag off) position, and pull out the key.
- 3) Turn the ignition switch to "ON" position or press the engine switch to change the ignition mode to "ON". Both indicators come on for a few seconds and then go out.
After that, only "PASSENGER AIRBAG OFF" indicator (2) comes on to remind you that the front passenger's air bag is deactivated.

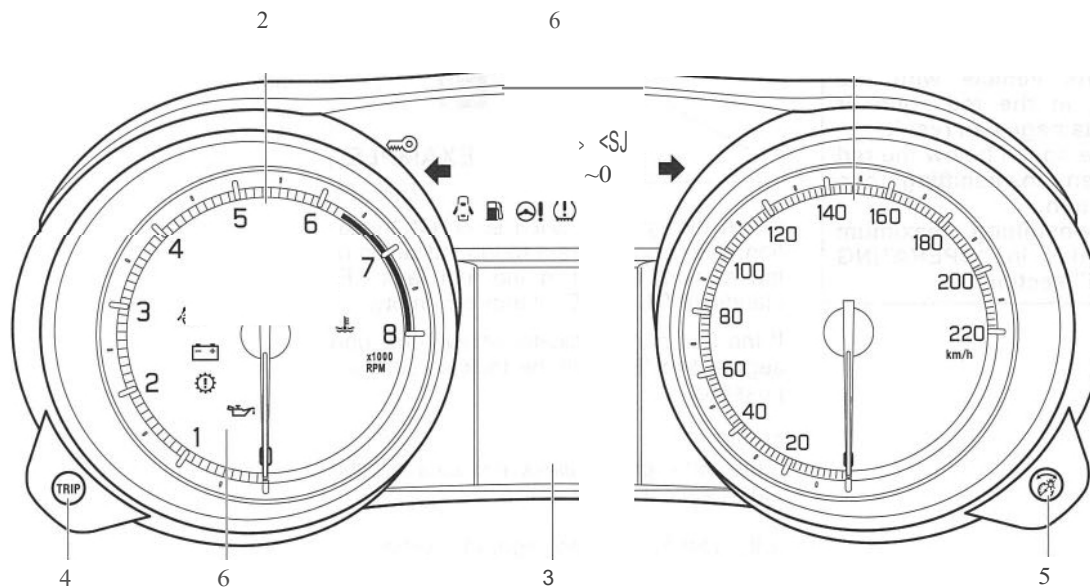
To activate the front passenger's air bag, follow the instructions below before starting the engine.

- 1) Check that the ignition switch is in "LOCK" position or the engine switch is in "LOCK" (OFF) mode.
- 2) Insert the key into the air bag deactivation switch (3), then push and turn the key to "ON" (air bag on) position, and pull out the key.
- 3) Turn the ignition switch to "ON" position or press the engine switch to change the ignition mode to "ON". Both indicators come on for a few seconds and then go out.
After that, only "PASSENGER AIRBAG ON" indicator (1) comes on for about 1 minute and then goes out to remind you that the front passenger's air bag is activated.

Instrument cluster(Type A) (if equipped)

1. Speedometer
2. Tachometer
3. Information display
4. Trip meter selector knob
5. Indicator selector knob
6. Warning and indicator lights

EXAMPLE



52RM20461

BEFORE DRIVING

Speedometer

The speedometer indicates vehicle speed.

Tachometer

The tachometer indicates engine speed in revolutions per minute.

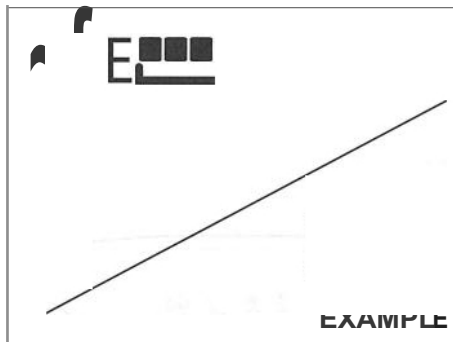
NOTICE

Never drive the vehicle with the engine revving in the red zone or severe engine damage can result.

Keep the engine speed below the red zone even when downshifting to a lower gear position.

Refer to "Downshifting maximum allowable speeds" in "OPERATING YOUR VEHICLE" section.

Fuelgauge



52RM20470

When the ignition switch is in "ON" position, this gauge gives a rough indication of the amount of fuel in the fuel tank. "F" stands for full and "E" stands for empty.

If the fuel meter indicator shows only one segment to "E", refill the tank as soon as possible.

NOTE:

If the last segment blinks, it means that the fuel is almost empty.

If the low fuel warning light (1) comes on, refill the fuel tank immediately.

NOTE:

The activation point of the low fuel warning light (1) varies depending on road conditions (for example, slope or curve) and driving conditions because of fuel movement in the tank.

Refer to "Low fuel warning light" in "Warning and indicator lights" in this section for details.

The mark (2) indicates that the fuel filler door is located on the left side of the vehicle.

Brightness control

EXAMPLE

OOOOO _

s2Rs20090

When the ignition switch is turned to "ON" position, the instrument panel lights come on.

Your vehicle has a system to automatically dim the brightness of the instrument panel lights when the position lights or headlights are on.

When the position lights and/or headlights are on, you can adjust the meter illumination brightness.

To increase the brightness of the instrument panel lights, turn the indicator selector knob (1) clockwise.

To reduce the brightness of the instrument panel lights, turn the indicator selector knob (1) counterclockwise.

A WARNING

Do not adjust the brightness of the instrument panel lights while driving. Otherwise, you could lose control of the vehicle.

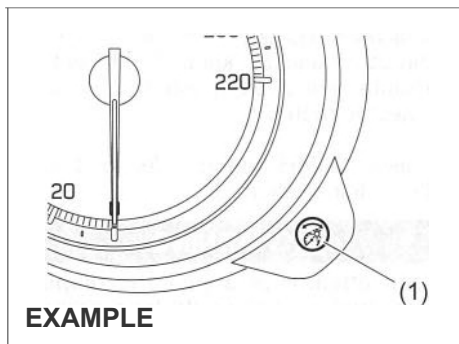
NOTE:

- If you do not turn the knob within several seconds of activating, the brightness control display will be canceled automatically.
- When you reconnect the lead-acid battery, the brightness of the instrument panel lights will be reinitialized. Readjust the brightness according to your preference.

NOTE:

If you adjust to the maximum brightness level when the position lights or headlights are on, the following functions will be canceled.

- The function which automatically dims the brightness of instrument panel lights
- The function which operates with the brightness control, except maximum brightness level

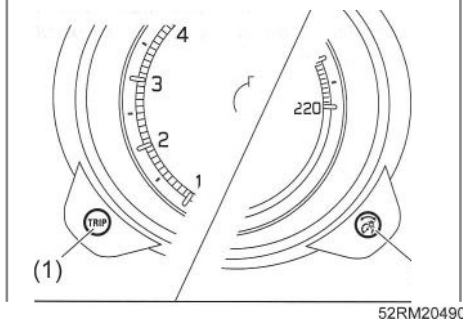


52RM20480

Information display

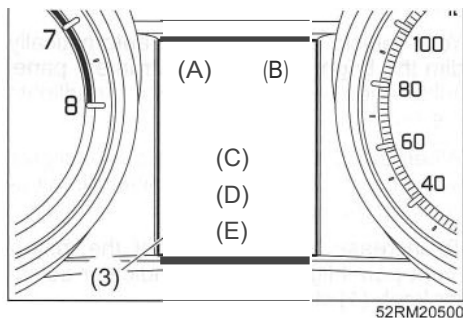
Information display is shown when the ignition switch is turned to "ON" position.

EXAMPLE



- (1) Trip meter selector knob
- (2) Indicator selector knob

EXAMPLE



(3) Information display

The information display shows the following information.

Display (A)

Clock

Display (B)

Thermometer

Display (C)

Selector position (for CVT vehicles) /
Gearshift indicator (if equipped) /
Rear passenger's seat belt reminder

Display (D)

Trip meter / Odometer / Fuel consumption /
Driving range / Oil indicator

Display (E)

Fuelgauge

Clock

The display (A) shows the time.

To change the time indication:

- 1) Push the trip meter selector knob (1) and the indicator selector knob (2) together.
- 2) To change the hour indication, turn the indicator selector knob (2) left or right repeatedly when the hour indication blinks. To change the hour indication quickly, turn and hold the indicator selector knob (2). To set the hour indication, push the indicator selector knob (2) and the minute indication will blink.
- 3) To change the minute indication, turn the indicator selector knob (2) left or right repeatedly when the minute indication blinks. To change the minute indication quickly, turn and hold the indicator selector knob (2). To set the minute indication, push the indicator selector knob (2).

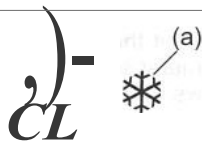
To select 12/24H format, refer to "Setting mode" in this section.

If you attempt to adjust the display while driving you could lose control of the vehicle.

Do not attempt to adjust the display while driving

Thermometer

The display (B) shows the thermometer. The thermometer indicates the outside temperature.

EXAMPLE

52RM20810

If the outside temperature drops to freezing condition, the mark (a) will appear on the display.

NOTE:

- The outside temperature indication is not the actual outside temperature when driving at low speed, or when stopped.
- If there is something wrong with the thermometer, or just after the ignition switch is turned to "ON" position, the display may not indicate the outside temperature.

When the display (O) shows the driving range, you can change the unit of temperature.

To change the unit of temperature, while pushing and holding the trip meter selector knob (1), turn the indicator selector knob (2).

EXAMPLE

A digital display showing a thermometer icon. To the right of the thermometer is a snowflake icon labeled with a circled 'a'.

(Initial setting)

A digital display showing a thermometer icon. To the right of the thermometer is a snowflake icon labeled with a circled 'a'.

76MHOA043

Select position (for CVT vehicles) / Gearshift indicator (if equipped) / Rear passenger's seat belt reminder
EXAMPLE

A digital display showing a large letter 'D'.

52RM21360

Select position (for CVT vehicles)

When the ignition switch is turned to "ON" position, the display (C) indicates the gear position.

For details on how to use the transaxle, refer to "Using transaxle" in "OPERATING YOUR VEHICLE" section.

Gearshift indicator (if equipped)

Refer to "Gearshift indicator" in "OPERATING YOUR VEHICLE" section.

Rear passenger's seat belt reminder

Refer to "Seat belts and child restraint systems" in the "BEFORE DRIVING" section for details.

Trip meter / Odometer / Fuel consumption / Driving range / Oil indicator

The display (O) shows one of the following indications; trip meter A, trip meter B, odometer, instantaneous fuel consumption, average fuel consumption, driving range or oil indicator.

To switch the display indication (O), push the trip meter selector knob (1) or the indicator selector knob (2) quickly.

(b) } , , , t C f k m
 ..{),

(e) I' : , , ,
 , . , (l _ f k m
 ..{),

(d) r' r' r i r t
 = o = , , , , _ , k m

- - - j} ..{)_ - - - v

(e) ! Q
 f) # f k m ! L
 ..{),

(f) ^AVG.
 ! c' = , k m ! L
 O
 RANGE
 e' ' ' '
 e' = fl _ f k m

101 1f	Push the trip meter selector knob (1).
1f {	Push the indicator selector knob (2).

- (b) Trip meter A
- (c) Trip meter B
- (d) Odometer
- (e) Instantaneous fuel consumption
- (f) Average fuel consumption
- (g) Driving range

If you attempt to adjust the display while driving, you could lose control of the vehicle.
Do not attempt to adjust the display while driving.

NOTE:

- Indications will change when you push and release a knob.
- The display shows estimated values. Indications may not be the same as actual values.

The trip meter can be used to measure the distance traveled on short trips or between fuel stops.

You can use the trip meter A or trip meter B independently.

To reset the trip meter, push and hold the trip meter selector knob (1) until the display shows 0.0.

NOTE:

The indicated maximum value of the trip meter is 9999.9. When you run past the maximum value, the indicated value will return to 0.0.

Odometer

The odometer records the total distance the vehicle has been driven.

NOTICE

Keep track of your odometer reading and check the maintenance schedule regularly for required services. Increased wear or damage to certain parts can result from failure to perform required services at the proper mileage intervals.

Instantaneous fuel consumption

The display shows the value of instantaneous fuel consumption only when the vehicle is moving.

NOTE:

The display does not show the value unless the vehicle is moving.

Depending on the vehicle's specification, the fuel/ consumption units of initial setting are indicated as U100km, km/L or MPG.

For "U100km" setting, the indicated maximum value of instantaneous fuel/ consumption is 30. No more than 30 will be indicated on the display even if the actual instantaneous fuel/ consumption is higher.

For "km/L:" setting, the indicated maximum value of instantaneous fuel/ consumption is 50. No more than 50 will be indicated on the display even if the actual instantaneous fuel/ consumption is higher.

For "MPG" setting, the indicated maximum value of instantaneous fuel/ consumption is 99.9. No more than 99.9 will be indicated on the display even if the actual instantaneous fuel/ consumption is higher.

The indication on the display may be delayed if fuel/ consumption is greatly affected by driving conditions.

The display shows estimated values. Indications may not be the same as actual values.

- For "U100km" or "km/L:" setting, you can change the units that instantaneous fuel/ consumption is displayed in. Refer to "Average fuel/ consumption" in this section.

Average fuel consumption

If you selected average fuel consumption the last time you drove the vehicle, the display shows the last value of average fuel consumption from previous driving when the ignition switch is turned to "ON" position. Unless you reset the value of average fuel consumption, the display indicates the value of average fuel consumption which includes average fuel consumption during previous driving.

To reset the average fuel consumption, push and hold the indicator selector knob (2) for a while when the display shows the average fuel consumption.

NOTE:

When you reset the indication or reconnect the negative (-) terminal to the lead-acid battery, the value of average fuel/ consumption will be shown after driving for a while.

(For "L/100km" or "km/L" setting)

To change the unit of average fuel consumption, while pushing and holding the trip meter selector knob (1), turn the indicator selector knob (2).

EXAMPLE



68PH02207

NOTE:

When you change the units that average fuel/ consumption is displayed in, the instantaneous fuel/ consumption units will be changed automatically.

BEFORE DRIVING

Driving range

If you selected driving range the last time you drove the vehicle, the display indicates <:» for a few seconds and then indicates the current driving range when the ignition switch is turned to "ON" position.

The driving range shown in the display is the approximate distance you can drive until the fuel gauge indicates "E", based on current driving conditions.

When the low fuel warning light comes on, the display "---" will appear.

If the low fuel warning light comes on, fill the fuel tank immediately regardless of the value of driving range shown in the display.

When you refuel, the driving range is updated. However, if you only add a small amount of fuel, the correct value will not be displayed.

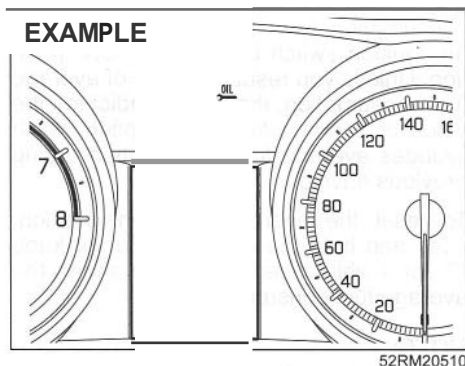
NOTE:

If you refuel when the ignition switch is in "ON" position, the driving range may not indicate the correct value.

- When you reconnect the negative (-) terminal to the lead-acid battery, the value of driving range will be shown after driving for a while.

Oil indicator

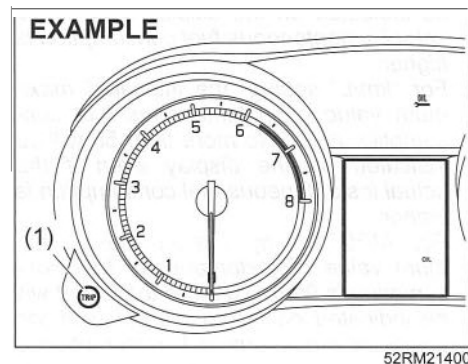
If either of odometer reading or time is reached to the value which is set by the oil life monitoring system or oil condition, the oil change request light comes on when the ignition switch is in "ON" position. The "OIL" indication is shown on the information display (O) to tell you it is necessary to change the engine oil and oil filter.



For instructions on how to change the engine oil and filter, refer to "Changing engine oil and filter" in "INSPECTION AND MAINTENANCE" section or consult an authorized SUZUKI dealer for advice on appropriate procedure of engine oil and oil filter maintenance.

To figure out the next oil and oil filter change timing properly, it is necessary to reset the odometer display and the time for the light. The light will go out after the reset. For the resetting procedure, it is recommended to consult an authorized SUZUKI dealer. If you reset it by yourself, follow the procedure described below:

- 1) Turn the ignition key to "ON" position.
- 2) Push and hold the trip meter selector knob (1) until the "OIL" indication finishes blinking when the display shows the oil change request light and oil indicator.



- 3) While pushing and holding the trip meter selector knob (1), the display will change as follows. When the oil lite monitoring system is reset, the oil change request light and oil indicator will go out and then the display indicates odometer.

EXAMPLE

OIL
~
~
~
~
c crxn
=0..0..0_,km

52RM20670

Fuelgauge

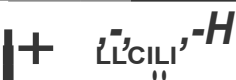
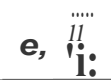
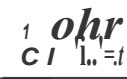
The display (E) shows the fuel gauge.

Refer to "Fuel gauge" in this section.

BEFORE DRIVING

Setting mode

In the setting mode, you can set up and customize the following functions.

Indication	Functions
	Time indication of clock "[L]"
	Central door locking system "d t"
	Additional flashes of the turn signal "L2"
	Lighting time of the "To car" function "E 1"
	Lighting time of the "To home" function "[,2"
	Oil change request light reset setting ",E5E1:..."
	Tire pressure monitoring system setting
	Initialization setting "dE . oo"
	Exit the setting mode "End"

t	Turn the indicator selector knob (2).
e::;>	Push the indicator selector knob (2).

NOTE:
Depending on vehic/e's specifications, some items may not be displayed.

How to use the setting mode

- 1) When the ignition switch is in "ON" position and the vehicle is stationary, push and hold the indicator selector knob (2) until the display shows **"[Lo/H]"**.
- 2) Turn and/or push the indicator selector knob (2) to select a function that you want to set up according to the chart in the previous page.
- 3) Turn and/or push the indicator selector knob (2) to register settings of the following functions.

EXAMPLE

SEL
□ i SEL =
□ i SEL =

saPM00212

NOTE:

- As shown in the above illustration, "SEL" indicates on the display of currently setting item.
- To go back to the higher level display during operation, turn the indicator selector knob (2) to display **"bR/H"** or **"-bR/H"** and then push the indicator selector knob (2).

Time indicabn of clock "[L]"

- **[L - t2h:** 12-hour formal (default setting)
- **[L -2%:** 24-hour formal

Central doorlockingsystem "d : "

- **d f-SL t:** Unlock all doors by turning the key once
- **d f-5L2:** Unlock all doors by turning the key twice (default setting)

Additional flashes of the turn signal "L2"

- **L2-5L t:** Turn signal! flashes three times after the turn signal! lever is returned (default setting)
- **L2-SL2:** Disable the additional flashes of turn signal

Lighting time of the "To car" function

- **e :-SL t:** Disable the "To car" function
- **e t-5L2:** 10 seconds {default setting}
- **e t-SL 3:** 15 seconds
- **e t-SL 4:** 20 seconds

- **C t-SLS:** 25 seconds

Lighting time of the "To home" function

- **C2-5L t:** Disable the "To home" function
- **C2-5L2:** 10 seconds {default setting}
- **C2-SL3:** 15 seconds
- **C2-SL4:** 20 seconds
- **C2-5L5:** 25 seconds
- **C2-5L6:** 30 seconds

Oil change request light reset setting

- **rESEé:** Reset of the oil life monitoring system

Tire pressure monitoringsystem setting

(For EU countries)

- **CorlF :** Comfort Mode {default setting}
- **L,qdfn:** Load Mode

BEFORE DRIVING

(Except for EU countries)

- *UnLRdn*: Comfort Mode (default setting)
- *LRdEn* : Load Mode

Refer to "Tire pressure monitoring system (TPMS)" in "OPERATING YOUR VEHICLE" section for details.

Initialization setting "dE-on"

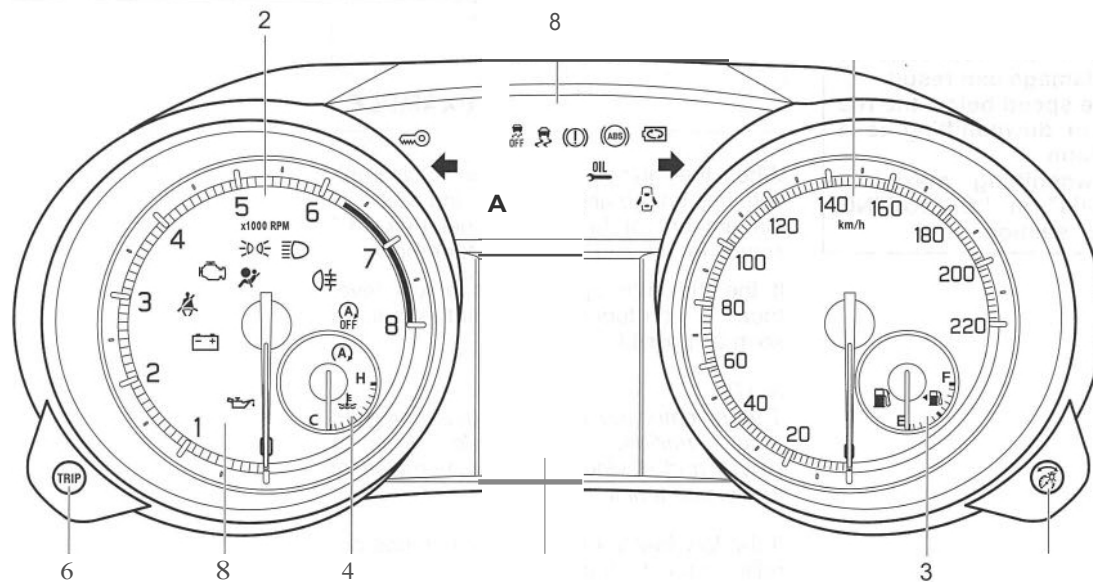
- *dE-on*: Initialize all settings

How to exit the setting mode:

Switch the display to show "Eod" and then push the indicator selector knob (2).

Instrument cluster (Type B) (if equipped)

1. Speedometer
2. Tachometer
3. Fuel gauge
4. Temperature gauge
5. Information display
6. Trip meter selector knob
7. Indicator selector knob
8. Warning and indicator lights

EXAMPLE

BEFORE DRIVING

Speedometer

The speedometer indicates vehicle speed.

Tachometer

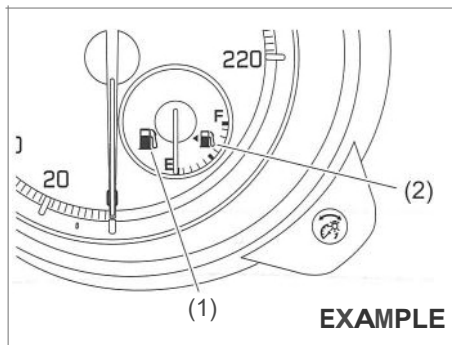
The tachometer indicates engine speed in revolutions per minute.

NOTICE

Never drive the vehicle with the engine revving in the red zone or severe engine damage can result. Keep the engine speed below the red zone even when downshifting to a lower gear position.

Refer to "Downshifting maximum allowable speeds" in "OPERATING YOUR VEHICLE" section

Fuelgauge



52RM20540

When the ignition switch is in "ON" position, this gauge gives a rough indication of the amount of fuel in the fuel tank. "F" stands for full and "E" stands for empty.

If the indicator approaches a low level (near "E") on fuel gauge, refill the tank as soon as possible.

NOTE:

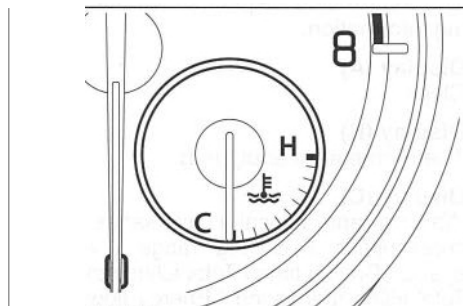
The indicator moves a little depending on road conditions (for example, slope or curve) and driving conditions because of fuel movement in the tank.

If the low fuel warning light (1) comes on, refill the fuel tank as soon as possible.

Refer to "Low fuel warning light" in "Warning and indicator lights" in this section for details.

The mark (2) indicates that the fuel filler door is located on the left side of the vehicle.

Temperature gauge



EXAMPLE

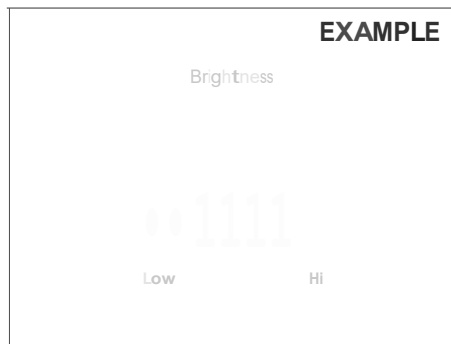
52RM20550

When the ignition switch is in "ON" position, this gauge indicates the engine coolant temperature. Under normal driving conditions, the indicator should stay within the normal, acceptable temperature range between "H" and "C". If the indicator approaches "H", overheating is indicated. Follow the instructions for engine overheating in "EMERGENCY SERVICE" section.

NOT/CE

Continuing to drive the vehicle when engine overheating is indicated can result in severe engine damage.

Brightness control



EXAMPLE

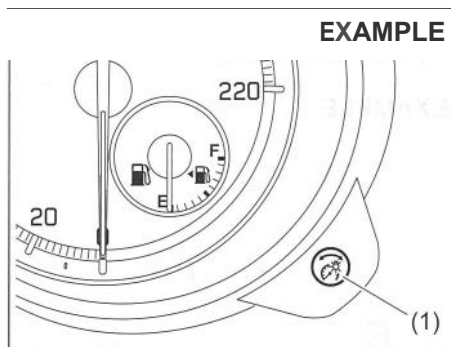
52RS20160

When the ignition switch is in "ON" position, the instrument panel lights come on.

Your vehicle has a system to automatically dim the brightness of the instrument panel lights when the position lights or headlights are on.

When the position lights and/or headlights are on, you can adjust the meter illumination brightness.

To increase the brightness of the instrument panel lights, turn the indicator selector knob (1) clockwise.



EXAMPLE

52RM20560

BEFORE DRIVING

To reduce the brightness of the instrument panel lights, turn the indicator selector knob (1) counterclockwise.

A WARNING

Do not adjust the brightness of the instrument panel lights while driving. Otherwise, you could lose control of the vehicle.

NOTE:

- If you do not turn the knob within several seconds of activating, the brightness control display will be canceled automatically.
- When you reconnect the lead-acid battery, the brightness of the instrument panel lights will be reinitialized. Readjust the brightness according to your preference.

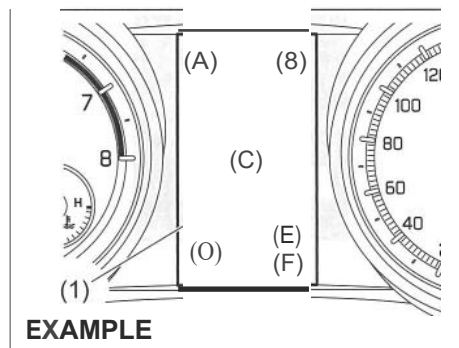
NOTE:

If you adjust to the maximum brightness level when the position lights or headlights are on, the following functions will be cancelled.

- The function which automatically dims the brightness of instrument panel lights.
- The function which operates with the brightness control, except maximum brightness level.

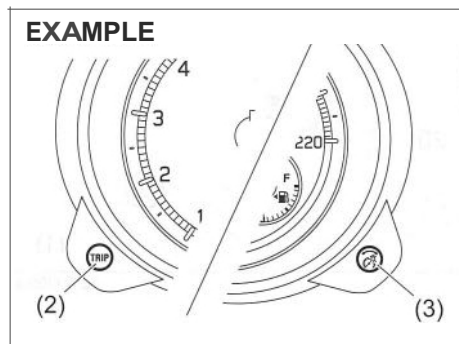
Information display

The information display is shown when the ignition switch is in "ON" position.



52RM20570

(1) Information display



52RM20580

- (2) Trip meter selector knob
- (3) Indicator selector knob

The information display shows the following information.

Display (A)

Clock

Display (B)

Thermometer (if equipped)

Display (C)

Warning and indicator messages / Fuel consumption / Driving range / Average speed / Driving time / Total idling stop time / Total idling fuel saved / Energy flow indicator

Display (D)

Gearshift indicator

Display (E)

Trip meter

Display (F)

Odometer



52RS20420

When the ignition switch is turned to "ON" position, the message shown in the above illustration will appear on the display for several seconds.

Some warning and indicator messages may appear on the display when the ignition switch is in "ACC" or "LOCK" position.

Clock

When the ignition switch is in "ON" position, the display (A) shows the time.

To set the clock, follow "Setting mode" instructions in this section.

A WARNING

**If you attempt to adjust the display while driving, you could lose control of the vehicle.
Do not attempt to adjust the display while driving**

Thermometer (if equipped)

When the ignition switch is in "ON" position, the display (B) shows the thermometer.

The thermometer indicates the outside temperature.

EXAMPLE



52RM20870

If the outside temperature nears freezing condition, the mark (a) will appear on the display.

NOTE:

- The outside temperature indication is not the actual outside temperature when driving at low speed, or when stopped.
- If there is something wrong with the thermometer, or just after the ignition switch is turned to "ON" position, the display may not indicate the outside temperature.

BEFORE DRIVING

When the display (C) shows the driving range, you can change the unit of temperature.

To change the unit of temperature, refer to "Setting mode" in this section.

EXAMPLE

25°((Initial setting)

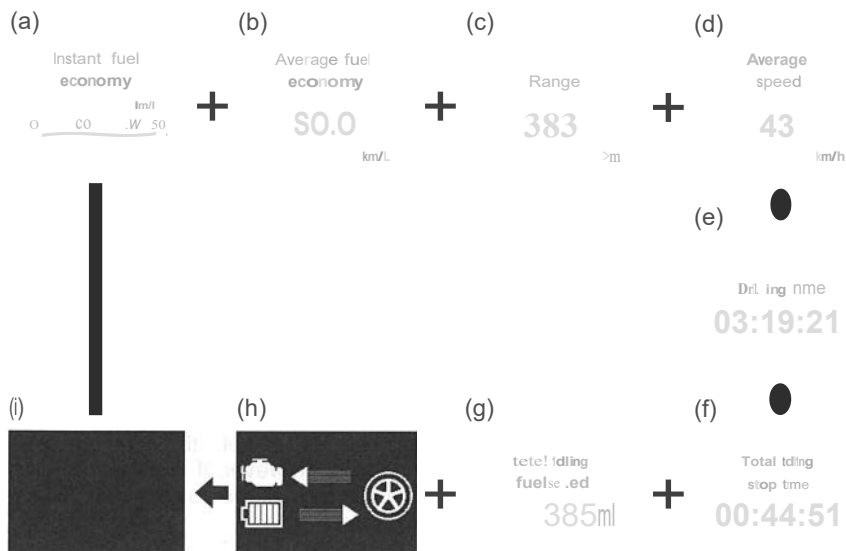
77 °F

52RM20880

Fuel consumption / Driving range / Average speed / Driving time / Total idling stop time / Total idling fuel saved / Energy flow indicator

When there are no warning or indicator messages on the display (C), you can select one of the following indications to appear on the display: instantaneous fuel consumption, average fuel consumption, driving range, average speed, driving time, total idling stop time, total idling fuel saved, energy flow indicator or no indication.

EXAMPLE



52RM20890

- (a) Instantaneous fuel consumption
- (b) Average fuel consumption
- (c) Driving range
- (d) Average speed
- (e) Driving time
- (f) Total idling stop time
- (g) Total idling fuel saved
- (h) Energy flow indicator
- (i) No indication

To switch the display indication, push the indicator selector knob (3) quickly.

NOTE:

The value of fuel consumption, driving range, average speed and total idling fuel saved shown on the display are affected by the following conditions;

- road condition
- surrounding traffic condition
- driving condition
- vehicle condition
- a malfunction which causes the malfunction indicator light to come on or blink

BEFORE DRIVING

Instantaneous fuel consumption

The display shows instantaneous fuel consumption with a bar graph only when the vehicle is moving.

NOTE:

The display does not show the bar graph unless the vehicle is moving.

Depending on the vehicle's specification, the fuel consumption units of initial setting are indicated as U100km, km/L or MPG (UK).

The indicated maximum value of instantaneous fuel consumption is one of the followings. No more than the maximum value will be indicated on the display even if the actual instantaneous fuel consumption is higher.

- For U100km setting: 30
- For km/L setting: 50
- For MPG (UK) setting: 80

The indication on the display may be delayed if fuel consumption is greatly affected by driving conditions.

The display shows estimated values. Indications may not be the same as actual values.

Average fuel consumption

If you selected average fuel consumption the last time you drove the vehicle, the display shows the last value of average fuel consumption from previous driving when the ignition switch is turned to "ON" position. Unless you reset the value of average fuel consumption, the display indicates the value of average fuel consumption based on the average fuel consumption during previous driving.

NOTE:

When you reconnect the negative (-) terminal to the lead-acid battery, the value of average fuel consumption will be shown after driving for a period of time.

You can select the timing to reset the value of average fuel consumption by one of the following three methods;

- Reset after refuel: the value of average fuel consumption will be reset automatically by refueling.
- Reset with trip meter A: the value of average fuel consumption will be reset automatically by resetting trip meter A.
- Reset manually: the value of average fuel consumption will be reset by pushing and holding the indicator selector knob (3) when the display indicates the average fuel consumption.

To change the timing to reset the value of average fuel consumption, refer to "Setting mode" in this section.

NOTE:

If you add only a small amount of fuel when you select "Reset after refuel", the average fuel consumption value may not be reset.

Driving range

If you selected driving range the last time you drove the vehicle, the display indicates "---" for a few seconds and then indicates the current driving range when the ignition switch is turned to "ON" position.

The driving range shown in the display is the approximate distance you can drive until the fuel gauge indicates "E", based on current driving conditions.

When the low fuel warning light comes on, the display "---" will appear.

If the low fuel warning light comes on, fill the fuel tank immediately regardless of the value of driving range shown in the display.

When you refuel, the driving range is updated. However, if you only add a small amount of fuel, the correct value will not be displayed.

NOTE:

- *If you refuel when the ignition switch is in "ON" position, the driving range may not indicate the correct value.*
When you reconnect the negative (-) terminal to the lead-acid battery, the value of driving range will be shown after driving for a period of time.

Average speed

If you selected average speed the last time you drove the vehicle, the display indicates the last value of average speed from previous driving when the ignition switch is turned to "ON" position. Unless you reset the value of average speed, the display indicates the value of average speed which includes average speed during previous driving.

To reset the value of average speed, push and hold the indicator selector knob (3) for a while when the display indicates an average speed. The display shows "----" and then indicates a new average speed after driving for a short time.

NOTE:

When you reconnect the negative (-) terminal to the lead-acid battery, the value of average speed will be shown after driving for a period of time.

Driving time

The display shows the total amount of driving time since the indication was reset.

- To reset the driving time, push and hold the indicator selector knob (3) for a while when the display shows the driving time.

NOTE:

- *When you reset the indication or reconnect the negative (-) terminal to the lead-acid battery, the driving time will be shown after driving for a while.*
The indicated maximum value of driving time is 99:59:59. No more than the maximum value will be indicated on the display until you reset the driving time.

Total idling stop time

The display shows the total length (in hours, minutes and seconds) of engine stopping time by ENG A-STOP system since the indication was reset.

- To reset the total idling stop time, push and hold the indicator selector knob (3) for a while when the display shows the total idling stop time.

NOTE:

- *The indicated maximum value of the total idling stop time is 99:59:59.*
- *When you reconnect the negative (-) terminal to the lead-acid battery, the value of the total idling stop time will be reset.*

Total idling fuel saved

The display shows the total amount (in milliliters) of fuel conservation by ENG A-STOP system since the indication was reset.

- To reset the total idling fuel saved, push and hold the indicator selector knob (3) for a while when the display shows the total idling fuel saved.

NOTE:

When you reconnect the negative (-) terminal to the lead-acid battery, the value of the total idling fuel/saved will be reset.

Energy flow indicator

Refer to "ENG A-STOP system (engine auto stop start system) (if equipped)" in "OPERATING YOUR VEHICLE" section.

Gearshift indicator

The display (0) shows the gearshift indicator.

Refer to "Gearshift indicator" in "OPERATING YOUR VEHICLE" section.

BEFORE DRIVING

Trip meter

The display (E) shows the trip meter.

The trip meter can be used to measure the distance traveled on short trips or between fuel stops.

You can use trip meter A or trip meter B independently.

To reset the trip meter, push and hold the trip meter selector knob (2) for a while.

NOTE:

The indicated maximum value of the trip meter is 9999.9. When you run past the maximum value, the indicated value will return to 0.0.

Odometer

The display (F) shows the odometer.

The odometer records the total distance the vehicle has been driven.

NOTICE

Keep track of your odometer reading and check the maintenance schedule regularly for required services. Increased wear or damage to certain parts can result from failure to perform required services at the proper mileage intervals.

Idling stop time and idling stop fuel saved

EXAMPLE



52RM20900

When the engine is stopped automatically by ENG A-STOP system, the display (C) will show the length (in hours, minutes and seconds) of engine stopping time and the amount of fuel saved by idling stop. After the engine is restarted, the display will be switched to original indication.

Setting mode

When the ignition switch is in "ON" position and the vehicle is stationary, you can enter the setting mode of the information display by pushing and holding the indicator selector knob (3) for more than 3 seconds.

- To select the setting that you want to change, turn the indicator selector knob (3) left or right.
- To change the setting, push the indicator selector knob (3).
To exit the setting mode, select "Back" and push the indicator selector knob (3).

EXAMPLE



52RM20910

NOTE:

The currently selected setting item is surrounded by a frame.

NOTE:

- If you push and hold the indicator selector knob (3) to enter the setting mode when the display (C) shows average fuel consumption, average speed, driving time, total idling stop time or total idling fuel saved, the value will be reset simultaneously. If you do not want to reset the value, push the indicator selector knob quickly to switch the indication of the display.
- If you turn the ignition switch or start to move the vehicle when the display is in the setting mode, the setting mode will be canceled automatically.

Distance unit**(Odometer / trip meter / driving range / averagespeeddistanceunit setting)**

You can change the units in which odometer / trip meter / driving range / average speed distance is displayed.

Fuel economy**(Fuel consumptionunit setting)**

You can change the units that fuel consumption is displayed in.

Language

You can change the language of the information display.

Fuel reset**(Average fuel consumptionreset setting)**

You can change when the value of average fuel consumption is reset.

Temperature**(Temperature unit setting)**

You can change the units that temperature is displayed in.

- To change the temperature unit, select "Temperature" in "Setting mode". Then, select "°C" or "°F".

NOTE:

When you change the units that temperature is displayed in, the automatic heating and air conditioning system (if equipped) temperature display units will be changed automatically.

Clocksetting**(Adjustingthe clock)**

- Adjust the clock by selecting "Clock setting" in "Setting mode". Then, select "Adjust clock".

To change the hour indication, turn the indicator selector knob (3) left or right repeatedly when the hour indication appears as reversed color. To change the hour indication quickly, turn and hold indicator selector knob (3). To set the hour indication, push the indicator selector knob (3) and the minute indication appears as reversed color.

- To change the minute indication, turn the indicator selector knob (3) left or right repeatedly when the minute indication appears as reversed color. To change the minute indication quickly, turn and hold indicator selector knob (3). To set

the minute indication, push the indicator selector knob (3).

(Selecting 12H/24H format)

- Switch the time indication between 12-hour and 24-hour format by selecting "Clock setting" in "Setting mode". Then, select "12H" or "24H".

Doorlock**(Doorunlocksetting)**

You can choose either once or twice operation(s) to unlock all doors (including the tailgate) by turning the key, or operating the keyless entry system transmitter, keyless push start system remote controller or request switch.

You can also turn off or on the buzzer sound when the door(s) is (are) locked or unlocked.

Lights**(Lane changesetting)**

The turn signal and its indicator can be set whether they flash three times even if you return the turn signal control lever shortly after operating it.

- To change the lane change setting, select "Lane change" in "Setting mode". Then, select "ON" or "OFF"
- If you want to change the number of flashing, consult an authorized SUZUKI dealer.

Oil change

(Oil life monitoring system reset setting)

The oil life monitoring system must be reset after changing the engine oil and oil filter. To reset the system, push and hold the indicator selector knob (3) for a while.

ISA/C

(ENG A-STOP system setting)

- When using the automatic heating and air conditioning system (if equipped), you can select one of the following engine auto stop settings.

- Standard
- Economy
- Comfort

When "Economy" is selected, engine auto stop condition is eased, compared with "Standard". As engine auto stop condition will occur more frequently, the stop time will be longer, leading to reduction of fuel consumption.

- When "Comfort" is selected, engine auto stop condition becomes severe, compared with "Standard". As engine auto stop condition will occur less frequently, the stop time will be shorter, leading to more comfortable cabin condition by air conditioner.

TPMS

(Tire pressure monitoring system setting)

- You can check the current tire inflation pressure on the information display.
- You can set one of the initial values of tire pressure below that are indicated on the tire information label.
 - Comfort Mode
 - Load Mode

Refer to "Tire pressure monitoring system (TPMS)" in the "OPERATING YOUR VEHICLE" section for details.

Display item

("Idling disp" setting)

You can switch whether the information display shows the Eco-driving display when the ignition switch is turned to "LOCK" position.

("Idling warn" setting)

You can switch whether the information display shows the warning and indicator messages related on the ENG A-STOP system.

("Regen disp" setting)

You can choose that the deceleration energy regenerating indicator light comes on or does not come on.

Default

(Initialization setting)

If you select "YES" and push the indicator selector knob (3), all settings will be reinitialized.

Warning and indicator messages

The display shows warning and indicator messages to let you know about certain vehicle problems.

In some cases, the external or internal buzzer may also sound at the same time to alert you.

If warning and indicator messages appear on the display, follow the messages.

Master warning indicator light



80P0382

When the display shows warning and indicator messages, the master warning indicator light may also blink.

NOTE:

- *When the problem that causes a message to appear is corrected, the message will disappear.*
- *If a message is displayed, and other problems requiring a message occur, the message for each of the problems will be alternately displayed about every 5 seconds.*

- *When you push and hold the indicator selector knob (3) for about 2 seconds while a message is displayed, the message will disappear temporarily. If the problem that caused the message is not corrected, the message will appear again after 5 seconds.*

BEFORE DRIVING

Warning and indicator messages

All models

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM20920	Blinks (only while vehicle is in motion) 	Beep (one time from interior buzzer; only while vehicle is in motion)	A door or tailgate is not properly closed. Stop the vehicle in a safe place and close the door or tailgate properly. (#1)
 52RM20930	Blinks 	Continuous beep (from interior buzzer)	The parking brake is not released. Stop the vehicle in a safe place and release the parking brake.
 52RM20940	Blinks 	Continuous beep (from interior buzzer)	The headlights and/or the position lights are left on. Turn them off.

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

Warning and indicator message	Master warning indicator/light	Sound	Cause and remedy
 LO'N FUEL 52RM20950	Off	Beep (one time from interior buzzer)	Fuel level is low. Refill it as soon as possible. (#1)
 ICE POSSIBLE DRIVE WITH CARE 52RM20960	Off	Off	The road may be icy. Drive very carefully. (#1)
 OIL CHANGE ENGINE OIL 52RM20970	Blinks 	Beep (one time from interior buzzer)	Change the engine oil and oil filter as soon as possible. The oil life monitoring system must be reset after changing the engine oil and oil filter. Refer to "Oil change request light (if equipped)" in this section.

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

BEFORE DRIVING

Vehicle with ESP®system

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM20980	Blinks 	Beep (one time from interior buzzer)	There may be a problem with ESP® system. Have your vehicle inspected by an authorized SUZUKI dealer.
Hill hold control system  52RM20990	Blinks 	Beep (one time from interior buzzer)	There may be a problem with hill hold control system. Have your vehicle inspected by an authorized SUZUKI dealer.

Vehicle with ENG A-STOP system

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 IDUNG STOP 52RM21000	Off	Off	The engine does not stop automatically by the ENG A-STOP system, because any of the auto stop conditions is not met. Refer to "ENG A-STOP system (engine auto stop start system)" in "OPERATING YOUR VEHICLE" section for details.
 RESTART 52RM21010	Off	Series of beeps under certain conditions (from interior buzzer)	The engine stalls. Restart the engine by turning the ignition switch. Refer to "ENG A-STOP system (engine auto stop start system) (if equipped)" in "OPERATING YOUR VEHICLE" section for details.
 HIGH RESTARTING 52RM21020	Off	Beep (one time from interior buzzer)	The engine will restart soon, because the battery continues to be discharged, some time has passed since the engine was stopped automatically, the temperature of the air from the outlets changes greatly or the defroster is turned on. Refer to "ENG A-STOP system (engine auto stop start system) (if equipped)" in "OPERATING YOUR VEHICLE" section for details. Also, the duration time of the ENG A-STOP system, depending on using the air conditioning system can be set. Refer to "Setting mode" in this section.

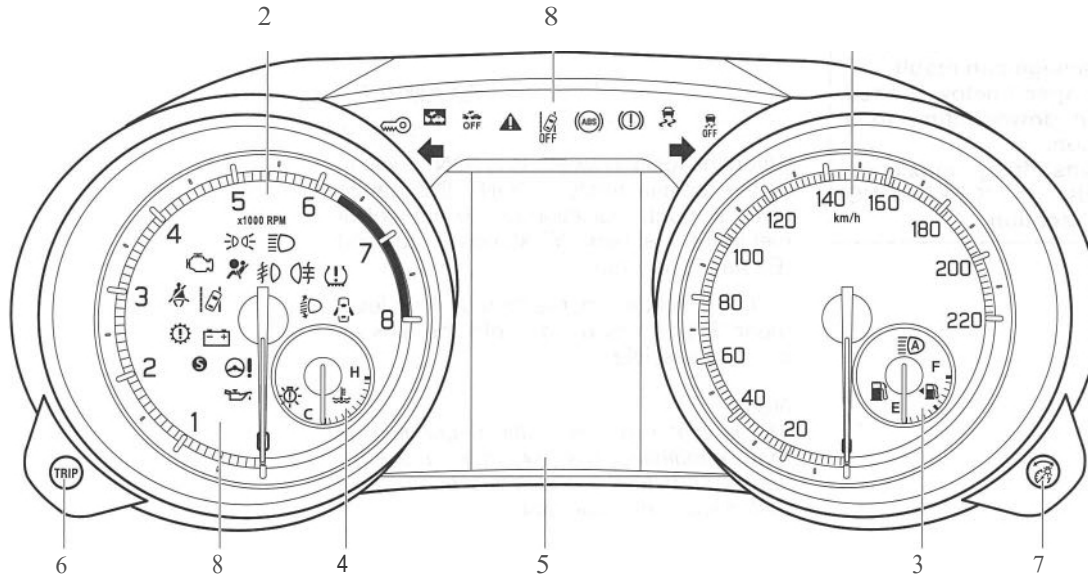
BEFORE DRIVING

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 REST...RTED 52RM21030	Off	Series of beeps under certain conditions (from interior buzzer)	The engine restarts automatically, because the brake booster vacuum pressure is low, the driver's door is opened, or the driver's seat belt is unfastened. Refer to "ENG A-STOP system (engine auto stop start system) (if equipped)" in "OPERATING YOUR VEHICLE" section for details.
 52RM21380	Off	Series of beeps under certain conditions (from interior buzzer)	The engine restarts automatically, because the defroster switch is turned to "ON" position, the vehicle is started to move on a slope, or other reason. Refer to "ENG A-STOP system (engine auto stop start system) (if equipped)" in "OPERATING YOUR VEHICLE" section for details.

Instrument cluster (Type C) (if equipped)

1. Speedometer
2. Tachometer
3. Fuel gauge
4. Temperature gauge
5. Information display
6. Trip meter selector knob
7. Indicator selector knob
8. Warning and indicator lights

EXAMPLE



52RM20591

Speedometer

The speedometer indicates vehicle speed.

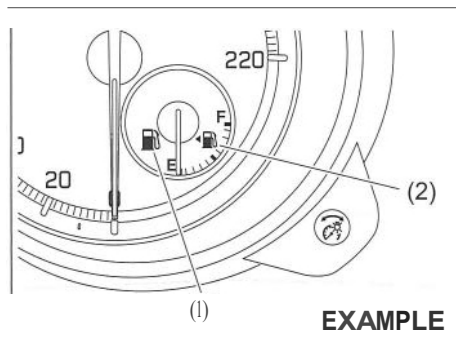
Tachometer

The tachometer indicates engine speed in revolutions per minute.

NOTICE

Never drive the vehicle with the engine revving in the red zone or severe engine damage can result. Keep the engine speed below the red zone even when downshifting to a lower gear position. Refer to "Downshifting maximum allowable speeds" in "OPERATING YOUR VEHICLE" section.

Fuelgauge



When the ignition switch is in "ON" position or the ignition mode is "ON", this gauge gives a rough indication of the amount of fuel in the fuel tank. "F" stands for full and "E" stands for empty.

If the indicator approaches a low level (near "E") on fuel gauge, refill the tank as soon as possible.

NOTE.

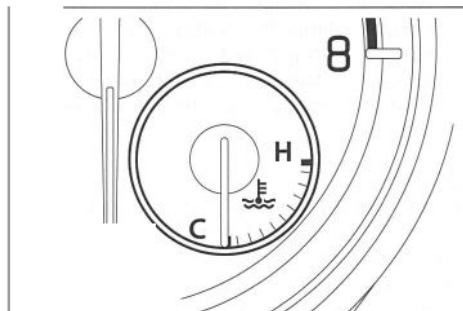
The indicator moves a little depending on road conditions (for example, slope or curve) and driving conditions because of fuel movement in the tank.

If the low fuel warning light (1) comes on, refill the fuel tank as soon as possible.

Refer to "Low fuel warning light" in "Warning and indicator lights" in this section for details.

The mark (2) indicates that the fuel filler door is located on the left side of the vehicle.

Temperature gauge



EXAMPLE

52RM20550

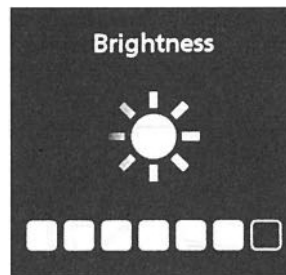
When the ignition switch is in "ON" position or the ignition mode is "ON", this gauge indicates the engine coolant temperature. Under normal driving conditions, the indicator should stay within the normal, acceptable temperature range between "H" and "C". If the indicator approaches "H", overheating is indicated. Follow the instructions for "Engine trouble: Overheating" in "EMERGENCY SERVICE" section.

NOTICE

Continuing to drive the vehicle when engine overheating is indicated can result in severe engine damage.

Brightness control

EXAMPLE



S2RM21370

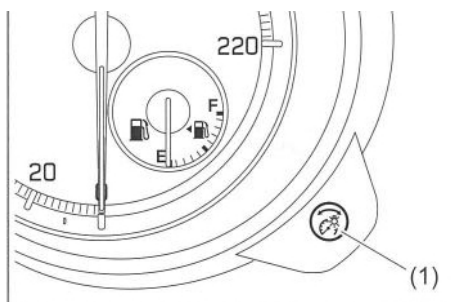
When the ignition switch is in "ON" position or the ignition mode is "ON", the instrument panel lights come on.

Your vehicle has a system to automatically dim the brightness of the instrument panel lights when the position lights or headlights are on.

When the position lights and/or headlights are on, you can adjust the meter illumination brightness.

To increase the brightness of the instrument panel lights, turn the indicator selector knob (1) clockwise.

EXAMPLE



52RM20560

BEFORE DRIVING

To reduce the brightness of the instrument panel lights, turn the indicator selector knob (1) counterclockwise.

A WARNING

Do not adjust the brightness of the instrument panel lights while driving. Otherwise, you could lose control of the vehicle.

NOTE:

- If you do not turn the knob within several seconds of activating, the brightness control display will be canceled automatically.
- When you reconnect the lead-acid battery, the brightness of the instrument panel lights will be reinitialized. Readjust the brightness according to your preference.

NOTE:

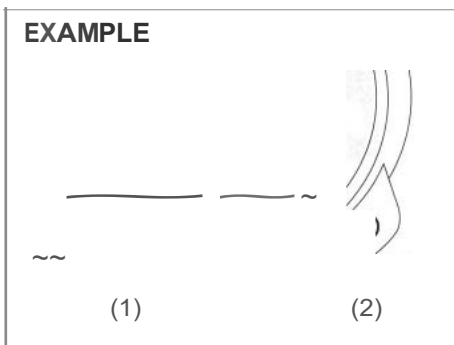
If you adjust to the maximum brightness level when the position lights or headlights are on, the following functions will be cancelled.

- The function which automatically dims the brightness of instrument panel lights
- The function which operates with the brightness control, except maximum brightness level

Information switch (if equipped)

You can use the information switch to switch the display indication when the ignition switch is in "ON" position or the ignition mode is "ON" and the vehicle is stationary.

EXAMPLE



- (1) Information switch
(2) Indicator selector knob

To switch to the setting mode

- 1) Push and hold the information switch (1) when the vehicle is stationary.
- 2) After the display of setting mode is shown, select the setting item that you want to change by turning the indicator selector knob (2) left or right. Refer to "Setting mode" in this section for details.

NOTE:

If you switch to the setting mode while either of the following items is shown on the information display, the current value will be reset. If you do not want to reset its value, push the indicator selector knob (2) quickly beforehand and switch to the other item.

- Average fuel consumption
- Driving time
- Total idling stop time
- Total idling fuel saved

To exit the setting mode

- 1) Push the indicator selector knob (2) and select "Back".
- 2) Push the information switch (1) quickly.

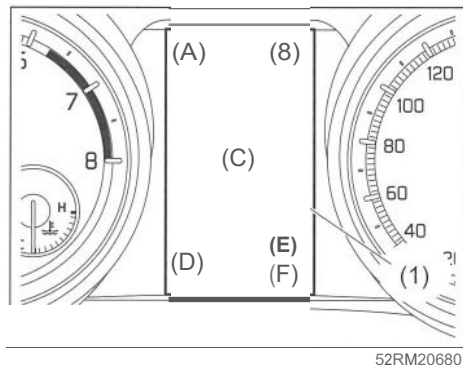
NOTE:

You can exit the setting mode by either of the following operations:

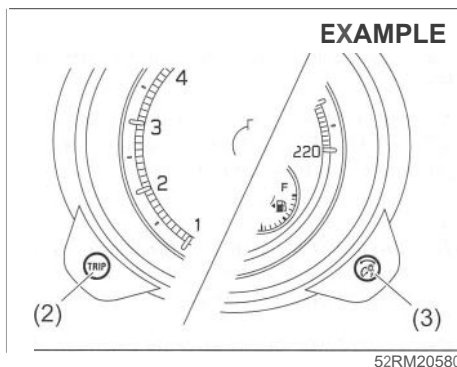
- Turn the ignition switch to "ACC" or "LOCK" position.
- Press the engine switch to change the ignition mode to "ACC" or "LOCK" (OFF).
- Start driving your vehicle.

Information display

The information display is shown when the ignition switch is in "ON" position or the ignition mode is "ON".



(1) Information display



- (2) Trip meter selector knob
(3) Indicator selector knob

The information display shows the following information.

Display (A)
Clock

Display (B)

Thermometer (if equipped) / "ENG A-STOP" indicator (if equipped) / "ENG A-STOP OFF" indicator (if equipped)

Display (C)

Warning and indicator messages /
Fuel consumption / Driving range /
Average speed / Driving time /
Clock and date / Motion /
Torque and power / Accelerator and brake /
Energy flow (if equipped)

Display (D)

Selector position (for automatic transaxle or CVT vehicles) / Gearshift indicator (if equipped)

Display (E)

Trip meter

Display (F)

Odometer

EXAMPLE



52RM21040

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", the clock display shown in the above illustration will appear on the display for several seconds.

Some warning and indicator messages may appear on the display when the ignition switch is turned to "ACC" or "LOCK" position or the ignition mode is "ACC" or "LOCK" (OFF).

BEFORE DRIVING

Clock

The display (A) shows the time.

To set the clock, follow "Setting mode" instructions in this section.

Thermometer (if equipped) / "ENG A-STOP" indicator(if equipped) / "ENG A-STOP OFF" indicator (if equipped)

Thermometer (if equipped)

The display (8) shows the thermometer.

The thermometer indicates the outside temperature.

If the outside temperature nears freezing condition, the message shown in the above illustration will appear on the display.

To change the temperature unit between "°C" and "°F", follow "Setting mode" instructions in this section.

NOTE:

The outside temperature indication is not the actual outside temperature when driving at low speed, or when stopped.

"ENG A-STOP" indicator (if equipped) / "ENG A-STOP OFF" indicator (if equipped)

Refer to "Warning and indicator lights" in "BEFORE DRIVING" section.

EXAMPLE



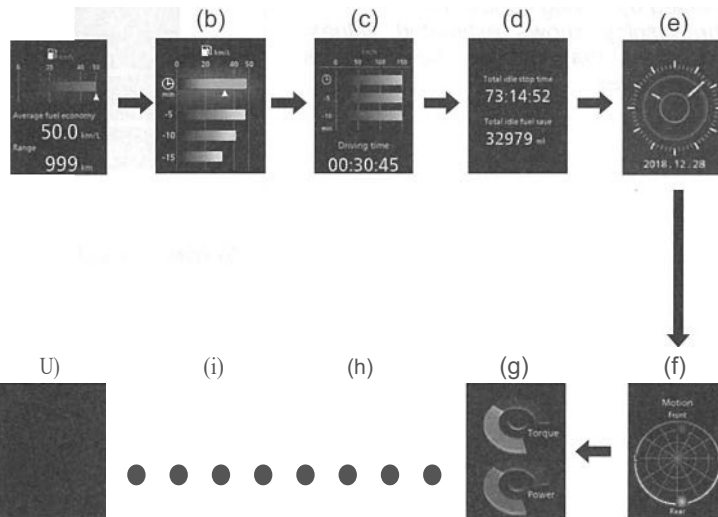
52RM21050

Fuel consumption / Driving range / Average speed / Driving time/ Clock and date / Motion / Torque and power / Accelerator and brake / Energy flow (if equipped)

When there are no warning or indicator messages on the display (C), you can select one of the following indications to appear on the display: instantaneous fuel consumption, average fuel consumption, driving range, average speed, driving time, clock and date, motion, torque and power, accelerator and brake, energy flow (if equipped) or no indication.

! WARNING

EXAMPLE



- (a) Instantaneous fuel consumption / Average fuel consumption / Driving range
- (b) Instantaneous fuel consumption / Average fuel consumption / 5-minute average fuel consumption
- (c) Average speed / 5-minute average speed / Driving time
- (d) Total idling stop time and total idling fuel saved
- (e) Clock and date
- (f) Motion
- (g) Torque and power
- (h) Accelerator and brake
- (i) Energy flow (if equipped)
- U) No indication

To switch the display indication, push the indicator selector knob (3) quickly.

NOTE:

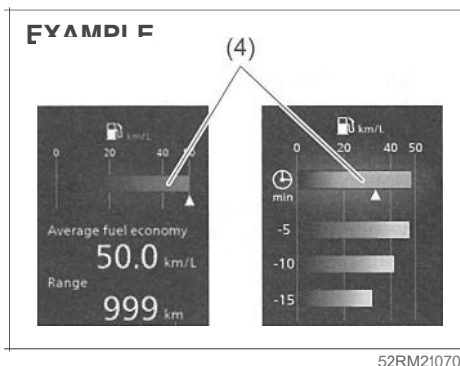
The value of instantaneous fuel/ consumption, average fuel/ consumption, driving range, average speed, motion, torque and power, accelerator and brake and energy flow (if equipped) shown on the display are affected by the following conditions;

- road condition
- surrounding traffic condition
- driving condition
- vehic/e condition
- a malfunction which causes the malfunction indicator light to come on or blink

BEFORE DRIVING

Instantaneous fuel consumption

The display shows instantaneous fuel consumption with a bar graph only when the vehicle is moving.



(4) Instantaneous fuel consumption

NOTE:

The display does not show the bar graph unless the vehicle is moving.

Depending on the vehicle's specification, the fuel consumption units of initial setting are indicated as U100km, km/L or MPG

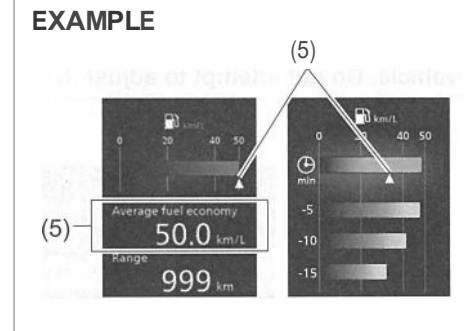
For "U100km" setting, the indicated maximum value of instantaneous fuel consumption is 30. No more than 30 will be indicated on the display even if the actual instantaneous fuel consumption is higher.

- For "km/L" setting, the indicated maximum value of instantaneous fuel consumption is 50. No more than 50 will be indicated on the display even if the actual instantaneous fuel consumption is higher.
- For "MPG(UK)" setting, the indicated maximum value of instantaneous fuel consumption is 80. No more than 80 will be indicated on the display even if the actual instantaneous fuel consumption is higher.
- The indication on the display may be delayed if fuel consumption is greatly affected by driving conditions.
- The display shows estimated values. Indications may not be the same as actual values.

Average fuel consumption / 5-minute average fuel consumption / 1-driving cycle average fuel consumption

Average fuel consumption from previous reset and 5-minute average fuel consumption, and 1-driving cycle average fuel consumption are shown.

(Average fuel consumption)



(5) Average fuel consumption

If you selected average fuel consumption the last time you drove the vehicle, the display shows the last value of average fuel consumption from previous driving when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON". Unless you reset the value of average fuel consumption, the display indicates the value of average fuel consumption based on the average fuel consumption during previous driving.

NOTE:

When you reconnect the negative (–) terminal to the lead-acid battery, the value of average fuel consumption will be shown after driving for a period of time.

You can select when the value of average fuel consumption is reset from among the following two methods;

- Reset after refuel: the value of average fuel consumption will be reset automatically by refueling.
- Reset with trip meter A: the value of average fuel consumption will be reset automatically by resetting trip meter A.

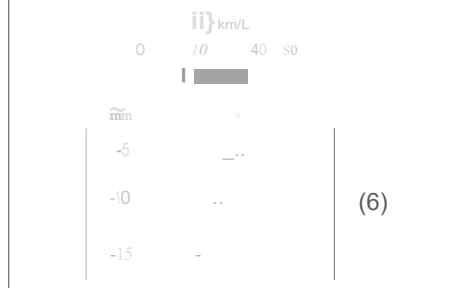
To change when the value of average fuel consumption is reset, refer to "Setting mode" in this section.

NOTE:

If you add only a small amount of fuel when you select "Reset after refuel", the average fuel consumption value may not be reset.

(5-minute average fuel consumption)

EXAMPLE

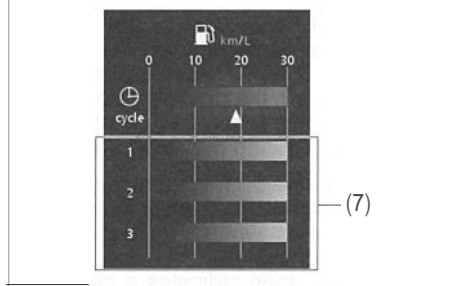


68PM00282

(6) 5-minute average fuel consumption

(1-driving cycle average fuel consumption)

EXAMPLE



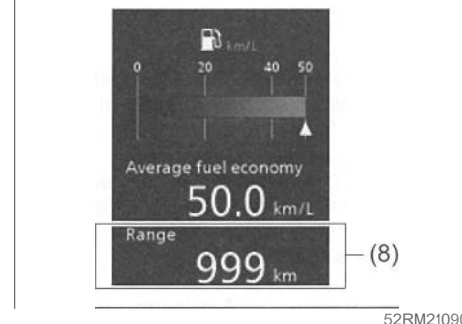
52R30840

(7) 1-driving cycle average fuel consumption

You can check transition of average fuel consumption every 5 minutes from 15 minutes before up to now. Also, you can check transition of average fuel consumption the past 3 driving cycles. Time indication and driving cycle indication can be changed. For details, refer to "Setting mode" in this section.

Driving range

EXAMPLE



52RM21090

(8) Driving range

If you selected driving range the last time you drove the vehicle, the display indicates "—" for a few seconds and then indicates the current driving range when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON".

The driving range shown in the display is the approximate distance you can drive

BEFORE DRIVING

until the fuel gauge indicates "E", based on current driving conditions.

When the low fuel warning light comes on, the display "---" will appear.

If the low fuel warning light comes on, fill the fuel tank immediately regardless of the value of driving range shown in the display.

As the driving range after refueling is calculated based on the most recent driving condition, the value is different each time you refuel.

NOTE:

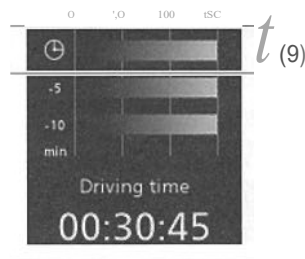
- If you refuel when the ignition switch is in "ON" position or the ignition fails to "ON": the driving range may not indicate the correct value.
- When you reconnect the negative (-) terminal to the lead-acid battery, the value of driving range will be shown after driving for a period of time.

Average speed / 5-minute average speed

Average speed from previous reset and 5-minute average speed are shown.

(Average speed)

EXAMPLE



52RM21100

(9) Average speed

If you selected average speed the last time you drove the vehicle, the display indicates the last value of average speed from previous driving when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON". Unless you reset the value of average speed, the display indicates the value of average speed which includes average speed during previous driving.

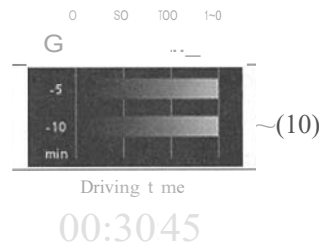
To reset the value of average speed, push and hold the indicator selector knob (3) for about 2 seconds when the display indicates an average speed. The display shows "---" and then indicates a new average speed after driving for a short time.

NOTE:

When you reconnect the negative (-) terminal to the lead-acid battery, the value of average speed will be shown after driving for a period of time.

(5-minute average speed)

EXAMPLE



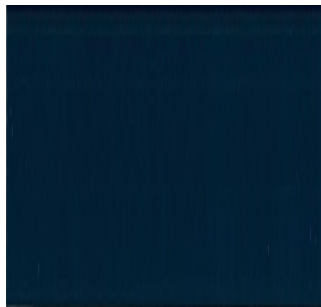
52RM21110

(10) 5-minute average speed

You can check transition of 5-minute average speed every 5 minutes from 10 minutes before up to now.

Driving time

EXAMPLE



52RM21120

(11) Driving time

Driving time from previous reset is shown. To reset the driving time, push and hold the indicator selector knob (3) for about 2 seconds when the display indicates a driving time. The display shows "----" and then indicates a new driving time after driving for a short time.

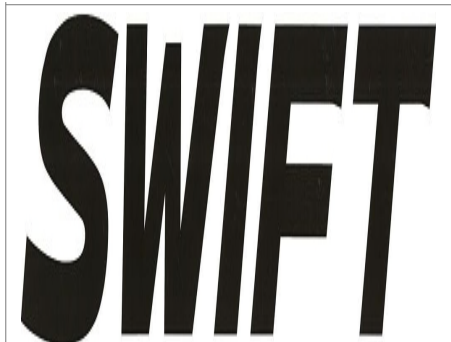
NOTE:

- *Disconnection of the lead-acid battery negative (-) terminal wi'l reset the indication of the driving time.*
- *The indicated maximum value of driving time is 99:59:59. No more than this value wi'l be indicated on the display until you reset the driving time.*

Clock and date

Date and time are shown. For the setting procedure, refer to "Setting mode" in this section.

Motion



52RM21130

This indicates how the center of gravity is moved while driving.

G (acceleration of gravity) position applied to the vehicle body while driving is shown by a globe (12).

When the vehicle is stopped, historical data of G positions applied to the vehicle body during the driving is shown as a graph (13).

G position history graph at the vehicle stopped can be changed to indicate or hide. For details, refer to "Setting mode" in this section.

A WARNING

Do not look in the display while driving. Doing so may result in an unexpected accident.

NOTE:

- *If G position history graph at the vehicle stopped has been set in indication mode, the graph (13) is shown for several seconds when you turn the ignition switch to "LOCK" position or change the ignition mode to "LOCK" (OFF) after driving.*
- *The graph is shown approximately and the actual movement may differ.*

Torque and power

Present engine torque and power are shown.

Accelerator and brake

Present accelerator pedal depressing degree and brake line pressure are shown. The display is selectable to indicate or not to indicate. For details, refer to "Setting mode" in this section.

BEFORE DRIVING

Energy flow (if equipped)

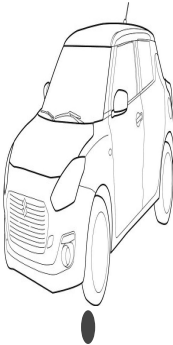
The state of SHVS operation can be checked on the information display. For details, refer to "SHVS (Smart Hybrid Vehicle by Suzuki) (if equipped)" in "OPERATING YOUR VEHICLE" section.

Information display	Description
 52RM20780	When the vehicle is running, ISG (Integrated Starter Generator) assists engine power as an electric motor.
 52RM20790	When the vehicle is powered by the engine.
 52RM20770	When decelerating your vehicle, the ISG generates electricity without engine power.
 52RM20800	When the engine automatically stops by the ENG A-STOP system.

Information shown after driving

When you turn the ignition switch to "LOCK" position or press the engine switch to change the ignition mode to "LOCK" (OFF), the following information appears for several seconds on the information display.

EXAMPLE



(if equipped)

(if equipped)

52RM21140

Selector position (for automatic transaxle or CVT vehicles) / Gear-shift indicator (if equipped)

EXAMPLE



68PM00255

Selector position (for automatic transaxle or CVT vehicles)

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", the display (D) indicates the gear position (U). For details on how to use the transaxle, refer to "Using transaxle" in "OPERATING YOUR VEHICLE" section.

Gearshift indicator (if equipped)

Refer to "Gearshift indicator" in "OPERATING YOUR VEHICLE" section.

Trip meter

The display (E) shows the trip meter.

The trip meter can be used to measure the distance traveled on short trips or between fuel stops.

You can use trip meter A or trip meter B independently.

To reset the trip meter, push and hold the trip meter selector knob (2) for about 2 seconds when the display shows the trip meter.

Odometer

The display (F) shows the odometer.

The odometer records the total distance the vehicle has been driven.

NOT/CE

Keep track of your odometer reading and check the maintenance schedule regularly for required services. Increased wear or damage to certain parts can result from failure to perform required services at the proper mileage intervals.

Setting mode

When the ignition switch is in "ON" position or the ignition mode is "ON" and the vehicle is stationary, you can enter into the setting mode of the information display by pushing and holding the indicator selector knob (2) for more than 3 seconds.

- To select the setting item that you want to change, turn the indicator selector knob (2) left or right.
- To change the setting, push the indicator selector knob (3).
- To exit the setting mode, select "Back" and push the indicator selector knob (3).

EXAMPLE



52RM21150

NOTE:

The currently selected setting item is surrounded by a frame.

NOTE:

If you push and hold the indicator selector knob (3) to enter into the setting mode when the display (C) shows average fuel consumption or average speed, the value will be reset simultaneously. If you do not want to reset the value, push the indicator selector knob quickly to switch the indication of the display. If you turn the ignition switch, press the engine switch or start to move the vehicle when the display is in the setting mode, the setting mode will be canceled automatically.

Distance unit

(Odometer / trip meter / driving range / average speed distance unit setting)

You can change the units in which odometer / trip meter / driving range / average speed distance is displayed.

Fuel economy

(Fuel consumption unit setting)

You can change the units that fuel consumption is displayed in.

Language

You can change the language of the information display.

Fuel reset

(Average fuel consumption reset setting)

You can change when the value of average fuel consumption is reset.

Temperature

(Temperature unit setting)

You can change the units that temperature is displayed in.

- To change the temperature unit, select "Temperature" in "Setting mode". Then, select "°C" or "°F".

NOTE:

When you change the units that temperature is displayed in, the automatic heating and air conditioning system (if equipped) temperature display units will be changed automatically.

Clock setting

(Adjusting the clock)

- Adjust the clock by selecting "Clock setting" in "Setting mode". Then, select "Adjust clock".
- To change the hour indication, turn the indicator selector knob (3) left or right repeatedly when the hour indication blinks. To change the hour indication quickly, turn and hold the indicator selector knob (3). To set the hour indication, push the indicator selector knob (3) and the minute indication blinks.

- To change the minute indication, turn the indicator selector knob (3) left or right repeatedly when the minute indication blinks. To change the minute indication quickly, turn and hold the indicator selector knob (2). To set the minute indication, push the indicator selector knob (3).

(Selecting 12H / 24H format)

- Switch the time indication between 12-hour and 24-hour format by selecting "Clock setting" in "Setting mode". Then, select "12H" or "24H".

(Adjusting the date)

- Adjust the date by selecting "Clock setting" in "Setting mode". Then select "Adjust date".
- To adjust year, month and day, operate the indicator selector knob (3) in the same way as adjusting the clock.

Door lock (Door lock setting)

You can choose either once or twice operation(s) to unlock all doors (including the tailgate) or release the dead lock system (if equipped) by turning the key, or operating keyless push start system remote controller or request switch.

You can also turn off or on the buzzer sound when the door(s) is (are) locked or unlocked.

Lights (Lane change setting)

The turn signal and its indicator can be set whether they flash three times even if you return the turn signal control lever shortly after operating it.

- To change the lane change setting, select "Lane Change" in "Setting mode". Then, select "ON" or "OFF"
- If you want to change the number of flashing, consult an authorized SUZUKI dealer.

Guide me light setting (Light setting) (if equipped)

You can change the lighting time of "To car" function or "To home" function.

Oil change (Oil life monitoring system reset setting)

The oil life monitoring system must be reset after changing the engine oil and oil filter. To reset the system, push and hold the indicator selector knob (3) for a while.

TPMS (Tire pressure monitoring system setting)

- You can check the current tire inflation pressure on the information display.
- You can set one of the initial values of tire pressure below that are indicated on the tire information label.
 - Comfort Mode
 - Load Mode

Refer to "Tire pressure monitoring system (TPMS)" in "OPERATING YOUR VEHICLE" section for details.

ISA/C (ENG A-STOP system setting) (if equipped)

- When using the automatic heating and air conditioning system (if equipped), you can select one of the following engine auto stop settings.
 - Standard
 - Economy
 - Comfort

When "Economy" is selected, engine auto stop condition is eased, compared with "Standard". As engine auto stop condition will occur more frequently, the stop time will be longer, leading to reduction of fuel consumption.
- When "Comfort" is selected, engine auto stop condition becomes severe, compared with "Standard". As engine auto stop condition will occur less frequently, the stop time will be shorter, leading to more comfortable cabin condition by air conditioner.

Display item

("Calendar dis" setting)

You can select whether you show the calendar on the information display or not.

("Calendar form" setting)

You can change the calendar form of the information display.

To change the calendar form, select "Calendar form" in "Display item". Then, select the display order of date, month and year.

("Fuel eco hist" setting)

Transitional indication of average fuel consumption can be switched to time indication and driving cycle indication.

("Motion hist" setting)

Indication of G position history graph at the vehicle stopped can be selected to enable or disable.

("Idling dsp" setting)

Display of ENG A-STOP operation with ignition mode "LOCK" (OFF) is selectable to indicate or not to indicate.

("Pedal op dsp" setting)

Display of "Accelerator and brake" is selectable to indicate or not to indicate.

Default

(Initialization setting)

If you select "YES" and push the indicator selector knob (3), all settings will be reinitialized.

Warning and Indicator Messages

The display shows warning and indicator messages to let you know about certain vehicle problems.

In some cases, the externa! or interna! buzzer may also sound at the same time to alert you.

If warning and indicator messages appear on the display, follow the messages.

Master warning indicator light



68PM00278

When the display shows warning and indicator messages, the master warning indicator light may also blink.

NOTE:

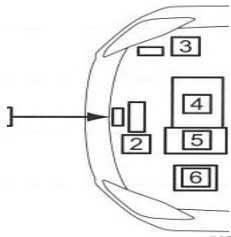
When the problem that causes a message to appear is corrected, the message will disappear.

If a message is displayed, and other problems requiring a message occur, the message for each of the problems will be alternately displayed about every 5 seconds.

When you push and hold the indicator selector knob (3) for about 2 seconds while a message is displayed, the message will disappear temporarily. If the problem that caused the message is not corrected, the message will appear again after 5 seconds.

Warning and indicator messages

All models

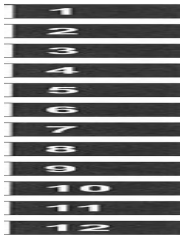
Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21160	Blinks (only while vehicle is in motion) 	Beep (one time from interior buzzer; only while vehicle is in motion)	A door or tailgate is not properly closed. Stop the vehicle in a safe place and close the door or tailgate properly. (#1)
 52RM21170	Blinks 	Continuous beep (from interior buzzer)	The headlights and/or the position lights are left on. Turn them off.

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

BEFORE DRIVING

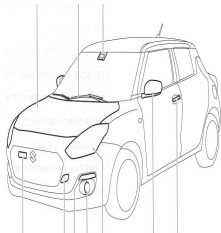
Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21180	Off	Beep (one time from interior buzzer)	Fuel level is low. Refill it as soon as possible. (#1)
 52RM21190	Off	Off	The road may be icy. Drive very carefully. (#1)

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

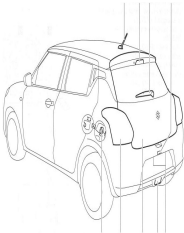
Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21200	Blinks 	Beep (one time from interior buzzer)	Change the engine oil and oil filter as soon as possible. The oil life monitoring system must be reset after changing the engine oil and oil filter. Refer to "Oil change request light (if equipped)" in this section.

BEFORE DRIVING

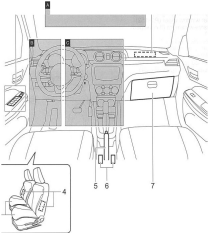
Vehicle with keyless push start system

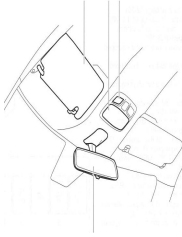
Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21210	Off	Off	This message is displayed when "ACC" position is selected as the ignition mode. (#1)
 52RM21220	Off	Off	The brake pedal (for automatic transaxle or CVT models) or the clutch pedal (for manual transaxle models) is depressed. Press the engine switch to start the engine.

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21230	Blinks 	Beep (one time from interior buzzer)	There is a problem with the steering lock system. Have your vehicle inspected by an authorized SUZUKI dealer.
 52RM21240	Blinks 	Beep (one time from interior buzzer)	There is a problem with the keyless push start system. Also, the vehicle battery voltage may be decreased. When the message is displayed even if you start the engine with normal voltage of the vehicle battery, have your vehicle inspected by an authorized SUZUKI dealer.

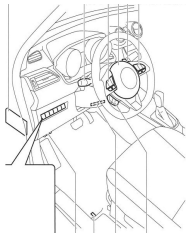
BEFORE DRIVING

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21250  52RM21260	Blinks 	Series of beeps under certain conditions (for about 2 seconds from exterior and/or interior buzzers)	The remote controller may be outside the vehicle or its battery may be discharged. Bring the remote controller in the vehicle or touch the engine push start switch with the remote controller. If the message still appears, replace the remote controller battery.

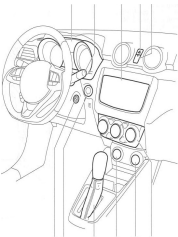
Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21270	Off	Off	This message is displayed when "ON" position is selected as the ignition mode. (#1)
 52RM21280	Blinks 	Beep (one time from interior buzzer)	The steering lock is not disengaged. While lightly turning the steering wheel in both directions, press the engine switch again.

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

BEFORE DRIVING

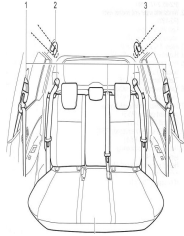
Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM21290	Blinks 	Beep (one time from interior buzzer)	The remote controller battery is about to become flat. Replace the battery. (#1)
Manual transaxle  52RM21300	Off	Off	The engine switch is pressed without depressing the brake and clutch pedals. Try again as instructed by the message.

(#1) This message will disappear for a while even if the problem that caused the message to appear is not corrected.

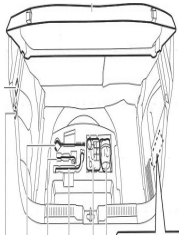
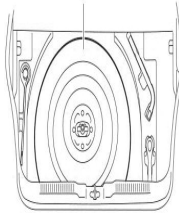
Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
Automatic transaxle or CVT  52RM21310	Off	Off	The engine switch is pressed with the gear-shift lever in a position other than "P" or "N" or without depressing the brake pedal. Try again as instructed by the message.
Automatic transaxle or CVT  52RM21320	Off	Off	The engine switch is pressed with the gear-shift lever in a position other than "P". Try again as instructed by the message.

BEFORE DRIVING

CVT model

Warning and indicator message	Master warning indicatorlight	Sound	Cause and remedy
 52RM21330	Blinks 	Beep (one time from interior buzzer)	The CVT fluid temperature becomes too high. Stop the vehicle in a safe place and let the fluid cool down.

Vehicle with ESP® system

Warning and indicator message	Masterwarning indicator light	Sound	Cause and remedy
 52RM21340	Blinks 	Beep (one time from interior buzzer)	There may be a problem with ESP® system. Have your vehicle inspected by an authorized SUZUKI dealer.
Hill hold control system  52RM21350	Blinks 	Beep (one time from interior buzzer)	There may be a problem with hill hold control system (if equipped). Have your vehicle inspected by an authorized SUZUKI dealer.

BEFORE DRIVING

NOTE:

If your vehicle is equipped with the ENG A-STOP system, the information display a/so indicates warning and indicator messages related to the system. For information on these messages, refer to "ENG A-STOP system (engine auto stop start system) (if equipped)" in "OPERATING YOUR VEHICLE" section.

If your vehicle is equipped with the radar brake support system, the information display a/so indicates warning and indicator messages related to the system. For information on these messages, refer to "Radar brake support system (if equipped)" in "OPERATING YOUR VEHICLE" section.

If your vehicle is equipped with the dual sensor brake support, the information display a/so indicates warning and indicator messages related to the system. For information on these messages, refer to "Dual sensor brake support (if equipped)" in "OPERATING YOUR VEHICLE" section.

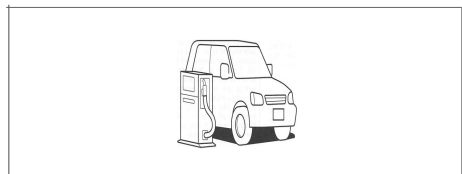
If your vehicle is equipped with the adaptive cruise control system, the information display a/so indicates warning and indicator messages related to the system. For information on these messages, refer to "Adaptive cruise control system (if equipped)" in "OPERATING YOUR VEHICLE" section.

Warning and indicator lights

NOTE:

If warning and indicator lights blink or come on, the corresponding messages may be shown on the information display.

Low tire pressure warning light



520305

As an added fuel efficiency feature, your vehicle is equipped with a tire pressure monitoring system (TPMS) that uses a low tire pressure warning light to inform you when one or more of your tires is significantly under-inflated.

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

When the low tire pressure warning light is lit, one or more of your tires is significantly under-inflated. You should stop and check your tires as soon as possible, and inflate them to the proper pressure as indicated on the vehicle's tire information placard.

Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability. Each tire, including the spare, should be checked at least once a month when cold and set to the recommended inflation pressure as specified in the vehicle placard.

The low tire pressure warning light is also used to inform you of a TPMS malfunction. When the system detects a malfunction, this light will blink for about 75 seconds and then remain continuously illuminated. This sequence will be repeated after the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON" as long as the malfunction exists.

NOTE:

The low tire pressure warning light may not come on immediately if you have a sudden loss of air pressure.

A WARNING

Failure to take corrective action when the low tire pressure warning light is not working or when it comes on and blinks while driving can lead to an accident.

If the low tire pressure warning light does not come on for 2 seconds after the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", or comes on and blinks while driving, have your vehicle inspected by an authorized SUZUKI dealer. Even if the light turns off after blinking, indicating that the monitoring system has recovered, you should still have the system checked by an authorized SUZUKI dealer.

A. WARNING

The load-carrying capacity of your tires is reduced at lower inflation pressures. If your tires are even moderately under-inflated, the load on the tires may exceed the load-carrying capacity of the tires, which could lead to tire failure. The low tire pressure warning light will not alert you to this condition, because it only comes on when one or more of your tires becomes significantly under-inflated. Check and adjust your tire inflation pressure at least once a month. Refer to "Tires" in "INSPECTION AND MAINTENANCE" section.

A. WARNING

Continuing to drive with the low tire pressure warning light on can lead to an accident, resulting in severe injury or death.

If the low tire pressure warning light comes on and stays on, reduce your speed and avoid abrupt steering and braking. Be aware that driving on a significantly under-inflated tire can cause the tire to overheat and can lead to tire failure, and may affect steering control and brake effectiveness. Stop the vehicle in a safe place as soon as possible and check your tires.

- If you have a flat tire, replace it with the spare tire (if equipped). Refer to "Jacking instructions" in "EMERGENCY SERVICE" section for the tire replacement method. Also refer to "Replacing tires and/or wheels" for instructions on how to restore normal operation of the TPMS after you have had a flat tire.

(Continued)

A. WARNING

(Continued)

- If your vehicle is equipped with a flat tire repair kit instead of a spare tire, refer to "Flat tire repair kit (if equipped)" in "EMERGENCY SERVICE" section for instructions on how to perform an emergency repair of a flat tire.
- If one or more of your tires is under-inflated, adjust the inflation pressure of all tires to the recommended inflation pressure as soon as possible.

Refer to "Tire pressure monitoring system (TPMS)" in "OPERATING YOUR VEHICLE" section for additional details on the tire pressure monitoring system. Refer to "Tires" in "INSPECTION AND MAINTENANCE" section for information on maintaining proper tire pressure.

Brake system warning light

(CD)

82K170

Three different types of operations exist depending on the vehicle's specification.

- The light comes on briefly when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON".
- The light comes on when the parking brake is engaged with the ignition switch in "ON" position or the ignition mode is "ON".
- The light comes on under either or both of above two conditions.

The light also comes on when the fluid in the brake fluid reservoir falls below the specified level.

The light should go out after starting the engine and fully releasing the parking brake, if the fluid level in the brake fluid reservoir is adequate.

The light also comes on together with the ABS warning light when the rear brake force control function (proportioning valve function) of the ABS system fails.

If the brake system warning light comes on while you are driving the vehicle, it may mean that there is something wrong with the vehicle's brake system.

If this happens:

- 1) Pull off the road and stop carefully.

A WARNING

Remember that stopping distance may be longer you may have to push harder on the pedal, and the pedal may go down farther than normal.

- 2) Test the brakes by carefully starting and stopping the vehicle on the shoulder of the road.
- 3) If you determine that it is safe, drive the vehicle cautiously at low speed to the nearest an authorized SUZUKI dealer for repairs or tow the vehicle to the nearest an authorized SUZUKI dealer for repairs.

A WARNING

If any of the following conditions occur, you should immediately ask an authorized SUZUKI dealer to inspect the brake system

- If the brake system warning light does not go out after the engine has been started and the parking brake has been fully released
- If the brake system warning light does not come on when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON".
- If the brake system warning light comes on at any time during vehicle operation.

NOTE:

Because the brake system is self-adjusting, the fluid level will drop as the brake pads become worn. Replenishing the brake fluid reservoir is considered normal periodic maintenance.

NOTE:

Parking brake reminder buzzer

A buzzer sounds intermittently to remind you to release the parking brake if you start the vehicle without releasing the parking brake. Check that the parking brake is fully released and the brake system warning light turns off.

BEFORE DRIVING

Anti-lock brake system (ABS) warning light

(8)

650529

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

If the light stays on or comes on when driving, there may be something wrong with the ABS.

If this happens:

- 1) Pull off the road and stop carefully.
- 2) Turn the ignition switch to "LOCK" or change the ignition mode to "LOCK" (OFF) by pressing the engine switch and then start the engine again.

If the warning light comes on briefly and then turns off, the system is normal. If the warning light still stays on, something is wrong with the system.

If the light and the brake system warning light stay on or come on simultaneously when driving, your ABS system is equipped with the rear brake force control function (proportioning valve function) and

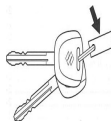
there may be something wrong with both the rear brake force control function and the anti-lock function of the ABS system.

If one of the above occurs, have the system inspected by an authorized SUZUKI dealer.

If the ABS becomes inoperative, the brake system will function as an ordinary brake system that does not have this ABS system.

For details of ABS system, refer to "Anti-lock brake system (ABS)" in "OPERATING YOUR VEHICLE" section.

ESP® warning light



52KM133

ESP® is a registered trademark of Daimler AG.

This light blinks 5 times per second when one of the following systems is activated.

- Stability control system
- Traction control system

If this light blinks, drive carefully.

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", the light comes on briefly so you can check that the light is working. If the light stays on or comes on when driving, there may be something wrong with the ESP® systems (other than ABS). You should have the system inspected by an authorized SUZUKI dealer.

For details of the ESP® systems, refer to "Electronic stability program (ESP®)" in "OPERATING YOUR VEHICLE" section.



ESP® OFF indicator light



57L30045

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

When the ESP® OFF switch is pushed to turn off the ESP® systems (other than ABS), the ESP® OFF indicator light comes on and stays on.

For details of the ESP® systems, refer to "Electronic stability program (ESP®)" in "OPERATING YOUR VEHICLE" section.

Oil pressure light



50G051

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on. When the engine is started, the light goes out. The light will come on and remain on if there is insufficient oil pressure. If the light comes on when driving, pull off the road as soon as you can and stop the engine.

Check the oil level and add oil if necessary. If there is enough oil, the lubrication system should be inspected by an authorized SUZUKI dealer before you drive the vehicle again.

NOTICE

- If you operate the engine with this light on, severe engine damage can result.
- Do not rely on the oil pressure light to indicate the need to add oil. Periodically check the engine oil level.

Charging light

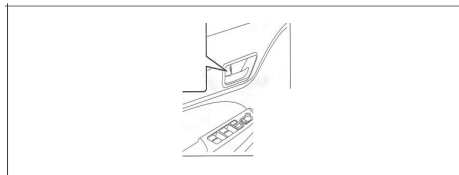


50G052

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on. When the engine is started, the light goes out. The light will come on and remain on if there is something wrong with the battery charging system. If the light comes on when the engine is running, the charging system should be inspected immediately by an authorized SUZUKI dealer.

BEFORE DRIVING

Driver's seat belt reminder light / Front passenger's seat belt reminder light



60G049

When the driver or front passenger does not buckle his or her seat belt, this light will come on and/or blink.

For details of the seat belt reminder, refer to "Seat belts and child restraint systems" in this section.

AIR BAG light



63J030

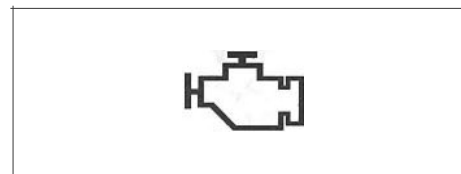
When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light blinks or comes on for several seconds so you can check that the light is working.

The light will come on and stay on if there is a problem in the air bag system or the seat belt pretensioner system.

A WARNING

If AIR BAG light does not blink or come on briefly when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", stays on for more than 10 seconds, or comes on while driving, the air bag system or the seat belt pretensioner system may not work properly, which could result in serious injury in the event of a crash. Have both systems inspected by an authorized SUZUKI dealer.

Malfunction indicator light



65O530

Your vehicle has a computer-controlled emission control system. A malfunction indicator light is provided on the instrument cluster to indicate when it is necessary to have the emission control system serviced. When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on. When the engine is started, the light goes out.

If the malfunction indicator light comes on or blinks when the engine is running, there is a damage in the emission control system.

Bring the vehicle to an authorized SUZUKI dealer to have the damage fixed.

Also, if this light comes on when the engine is running, there is a problem with the automatic transaxle system. Ask an authorized SUZUKI dealer to have the system inspected.

NOTICE

Continuing to drive the vehicle when the malfunction indicator light is on or blinking can cause permanent damage to the vehicle's emission control system, and can affect fuel economy and driveability

**Transaxle warning light
(if equipped)**


80J219

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on for several seconds so you can check that the light is working. If this light comes on when the engine is running, there is a problem with the automatic transaxle system. Ask an authorized SUZUKI dealer to have the system inspected.

(For CVT models)

If the CVT fluid temperature becomes too high, this light will blink. Stop the vehicle in a safe place and let the fluid cool down.

Immobilizer/keyless push start system warning light


80JM122

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working. If this light blinks or stays on, there is a problem with the system. If the steering lock cannot be released. If this happens, press the engine switch, turning the steering wheel to the right or left. If this light still blinks or stays on even if you start the engine with normal voltage of the vehicle battery, ask an authorized SUZUKI dealer to have the system inspected.

Open door warning light

54G391

This light remains on until all doors (including the tailgate) are completely closed.

If any door (including the tailgate) is open when the vehicle is moving, a ding sounds to remind you to close all doors completely.

Low fuel warning light

54G343

If this light comes on, refuel the fuel tank as soon as possible.

BEFORE DRIVING

When this light comes on, a ding sounds once to remind you to refuel.

If you do not refuel, a ding sounds every time when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON".

NOTE:

The activation point of this light varies depending on road conditions (for example, slope or curve) and driving conditions because of fuel movement in the tank.

Electric power steering light



79J039

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on. When the engine is started, the light goes out.

If this light comes on while driving, the power steering system may not work properly. Have the system inspected by an authorized SUZUKI dealer.

NOTE:

The following steering wheel operations may gradually take more effort while parking or driving at a very low speed. This is not a malfunction of the steering system, but the power steering control system limits the power assist in order to prevent it from overheating.

- The steering wheel is operated very often.
- The steering wheel is kept in a full/turned position for a long while.

When the power steering control system cools down, the power steering system will return to its original condition.

However, repeating these operations could cause damage to the power steering system.

NOTE:

If the power steering system does not work properly, it will require greater effort to steer, but you still will be able to steer.

NOTE:

If the steering is operated, you may hear noise caused by electric power steering operation. This is normal and indicates that the power steering system works properly.

Engine coolant temperature light (if equipped)



54G344

When the ignition switch is turned to the "ON" position, this light comes on briefly so you can check that the light is working.

This indicator has the following two functions.

Low engine coolant temperature light (blue color)

This light stays on while the engine is still cold and goes off when the engine has warmed up.

If this light blinks, there is a problem with the system. Have your vehicle inspected by an authorized SUZUKI dealer.

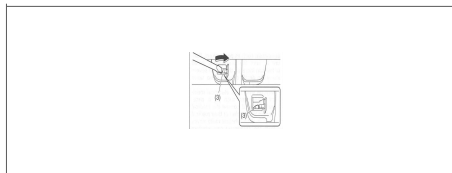
High engine coolant temperature warning light (red color)

If this light blinks while driving, it means the engine is running hot. Avoid driving conditions that may lead to actual overheating. If the light stays on without blinking, then the engine is overheating. Follow the instructions in "Engine trouble: Overheating" of "EMERGENCY SERVICE" section.

NOTICE

Continuing to drive the vehicle when engine overheating is indicated can result in severe engine damage

Radar brake support system indicator light (if equipped)



54P000255

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

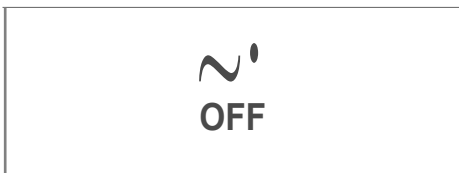
When the brake support system is activated, this light blinks rapidly.

In the following situations, this light will come on and the radar brake support system will stop functioning when the ignition switch is in "ON" position or the ignition mode is "ON".

- When the radar sensor is failure, the function of the radar sensor stops until the engine switch is pressed to change the ignition mode to LOCK (OFF). Find a safe place to park and change the ignition mode to LOCK (OFF) by pressing the engine switch. Restart the engine, and check that the radar brake support system indicator light goes off. If the indicator stays on after restarting the engine, there may be a failure of the radar sensor. Ask an authorized SUZUKI dealer to have the radar sensor inspected.
- When dirt is detected on the surface of the radar sensor cover. In this case, clean the cover.
- When there is a problem with the ABS or ESP®. The ABS warning light or the ESP® warning light will also come on.
- When there is a problem with the brake control systems.

For details, refer to "Radar brake support system (if equipped)" in "OPERATING YOUR VEHICLE" section.

Radar brake support system OFF indicator light (if equipped)



54P000254

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

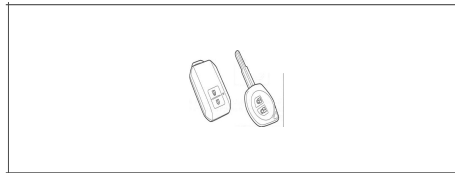
In the following situations, this light will come on and the radar brake support system will stop functioning when the ignition switch is in "ON" position or the ignition mode is "ON".

- When the radar brake support OFF switch is pushed and held to turn off the radar brake support system.

When the ESP OFF switch is pushed to turn off the ESP systems (other than ABS), the ESP OFF indicator light will also come on.

For details, refer to "Radar brake support system (if equipped)" in "OPERATING YOUR VEHICLE" section.

Dual sensor brake support indicator light (if equipped)



54P000255

When the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

When the automatic brake system is activated, this light blinks rapidly.

In the following situations, this light will come on and the dual sensor brake support will stop functioning when the ignition mode is "ON".

When the dual sensor is failure, the function of the dual sensor stops until the engine switch is pressed to change the ignition mode to LOCK (OFF). Find a safe place to park and change the ignition mode to LOCK (OFF) by pressing the engine switch. Restart the engine, and check that the dual sensor brake support indicator light and lane departure warning indicator light go off.

- If both of the indicators stay on after restarting the engine, there may be a failure of the dual sensor. Ask an authorized SUZUKI dealer to have the dual sensor inspected.

Under the following situations, the function of the dual sensor stops temporarily. When the situations are improved, the temporary stop of the function will be canceled.

- When the visibility of the dual sensor is poor.
- When the temperature of the body of dual sensor is high.
- When the systems related to the dual sensor brake support stop temporarily.
- When the battery has a voltage abnormality.

For details, refer to "Dual sensor brake support (if equipped)" in "OPERATING YOUR VEHICLE" section.

Dual sensor brake support OFF indicator light (if equipped)



54P000254

When the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

In the following situations, this light will come on and the dual sensor brake support will stop functioning when the ignition mode is "ON".

- When the dual sensor brake support OFF switch is pushed and held to turn off the dual sensor brake support.
- When the ESP® OFF switch is pushed to turn off the ESP® systems (other than ABS), the ESP® OFF indicator light will also come on.

For details, refer to "Dual sensor brake support (if equipped)" in "OPERATING YOUR VEHICLE" section.

Lane departure warning indicator light (if equipped)



81M31080

When the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

When the lane departure warning is activated, this light blinks.

When the dual sensor is failure, the function of the dual sensor stops until the engine switch is pressed to change the ignition mode to LOCK (OFF). Find a safe place to park and change the ignition mode to LOCK (OFF) by pressing the engine switch. Restart the engine, and check that the dual sensor brake support indicator light and lane departure warning indicator light go off.

- If both of the indicators stay on after restarting the engine, there may be a failure of the dual sensor. Ask an authorized SUZUKI dealer to have the dual sensor inspected.

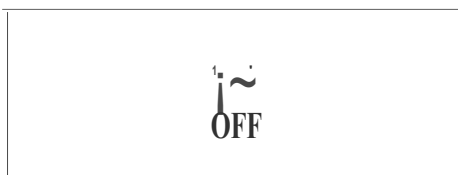
Under the following situations, the function of the dual sensor stops temporarily. When the situations are improved, the temporary stop of the function will be canceled.

- When the visibility of the dual sensor is poor.
- When the temperature of the body of dual sensor is high.
- When the systems related to the dual sensor brake support stops temporarily.
- When the battery has a voltage abnormality.

For details, refer to "Dual sensor brake support (if equipped)" in the "OPERATING YOUR VEHICLE" section.

BEFORE DRIVING

Lane departure warning OFF indicator light (if equipped)



62R0317

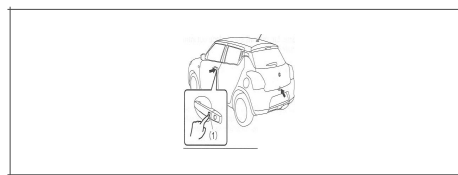
When the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

In the following situations, this light will come on and the lane departure warning and the vehicle swaying warning will stop functioning when the ignition switch is turned to "ON" position or the ignition mode is "ON".

- When the lane departure warning OFF switch is pushed to turn off the lane departure warning.
- When the ESP® OFF switch is pushed to turn off the ESP® systems (other than ABS), the ESP® OFF indicator light will also come on.

For details, refer to "Dual sensor brake support (if equipped)" in "OPERATING YOUR VEHICLE" section.

Automatic headlight leveling system warning light (if equipped)

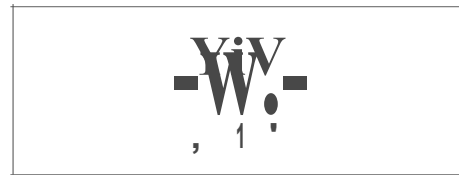


64J046

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

If this light comes on, there is a problem with the automatic headlight leveling system. Bring the vehicle to an authorized SUZUKI dealer to have the problem corrected.

LEO headlight warning light (if equipped)



54P000234

When the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

If this light comes on, there is a problem with the LEO headlight. Park the vehicle in a safe place and consult an authorized SUZUKI dealer to have the problem corrected.

High beam assist warning light (orange) (if equipped)



52RM20690

When the engine switch is pressed to change the ignition mode to "ON", this light comes on by orange briefly so you can check that the light is working.

For details, refer to "Dual sensor brake support (if equipped)" in "OPERATING YOUR VEHICLE" section.

In the following situations, this light will come on by orange and the dual sensor brake support will stop functioning when the ignition mode is "ON".

When the dual sensor is failure, the function of the dual sensor stops until the engine switch is pressed to change the ignition mode to LOCK (OFF). Find a safe place to park and change the ignition mode to LOCK (OFF) by pressing the engine switch. Restart the engine, and check that the dual sensor brake support indicator light and Lane departure warning indicator light go off.

- If both of the indicators stay on after restarting the engine, there may be a failure of the dual sensor. Ask an authorized SUZUKI dealer to have the dual sensor inspected.

Under the following situations, the function of the dual sensor stops temporarily. When the situations are improved, the temporary stop of the function will be canceled.

- When the visibility of the dual sensor is poor.
- When the temperature of the body of dual sensor is high.
- When the systems related to the dual sensor brake support stops temporarily.
- When the battery has a voltage abnormality.

NOTE:

If the function of the dual sensor stops temporarily, high beam assist also stops temporarily.

High beam assist indicator light (green) (if equipped)



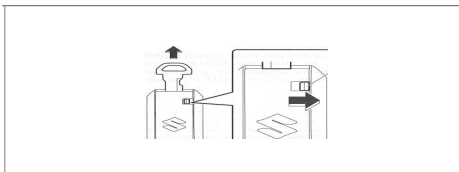
52RM20690

When the high beam assist is working, this light comes on by green.

For details, refer to "Dual sensor brake support (if equipped)" in "OPERATING YOUR VEHICLE" section.

BEFORE DRIVING

Turn signal indicators



SOG055

When you turn on the left or right turn signals, the corresponding green arrow on the instrument cluster will flash along with the respective turn signal lights. When you turn on the hazard warning switch, both arrows will flash along with all of the turn signal lights.

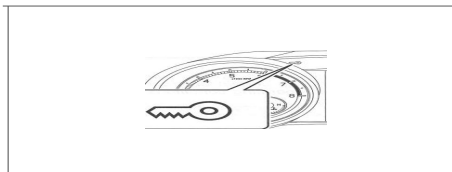
Main beam (high beam) indicator light



SOG056

This indicator comes on when headlight main beams (high beams) are turned on.

Illumination indicator light



64J045

This indicator light comes on while the position lights, tail light and/or the head-lights are on.

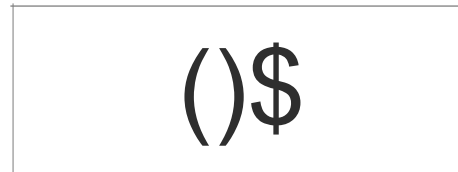
Front fog light indicator light (if equipped)



68PM00268

The front fog light indicator light comes on when the front fog light operates.

Rear fog light indicator light



54G491

The rear fog light indicator light comes on when the rear fog light operates.

Oil change request light (if equipped)



79JM007

Your vehicle has the oil life monitoring system and related oil change request light that alerts you to change the engine oil and oil filter.

When this light comes on, change engine oil and oil filler immediately.

For details on how to change the engine oil and oil filler, refer to "Changing engine oil and filler" in "INSPECTION AND MAINTENANCE" section.

This light comes on for several seconds when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON" so you can check that light is working.

The lighting timing of this light varies depending on the engine type.

For K10C engine model

Depending on oil condition, this light comes on. This light may come on before reaching the maintenance schedule. If this light comes on in this case, change the engine oil and oil filler without being based on the maintenance schedule. Unless this light comes on, change engine oil and oil filler according to the maintenance schedule. For details of the maintenance schedule, refer to "Periodic maintenance schedule" in "INSPECTION AND MAINTENANCE" section.

For K12C engine model

If either of odometer reading or time is reached to the value which is set by the system, this light comes on when the ignition switch or engine switch is in "ON" position. In addition, the "OIL" indication or message is shown on the information display

to tell you it is necessary to change the engine oil and oil filler. When the engine oil and oil filler are changed and the oil life monitoring system is reset, this light will go out. For details of the maintenance schedule, refer to "Periodic maintenance schedule" in "INSPECTION AND MAINTENANCE" section.

Whenever the engine oil and oil filler are changed, the light must be reset to monitor the next oil change timing properly. The light will go out after the reset. For the resetting procedure, refer to "Information display" in this section.

NOTICE

Severe engine damage will result, if you keep operating the engine after this light comes on.

Change the engine oil and oil filter immediately when the light blinks.

NOTE:

This light is used to facilitate the oil and oil filler change according to the maintenance schedule.

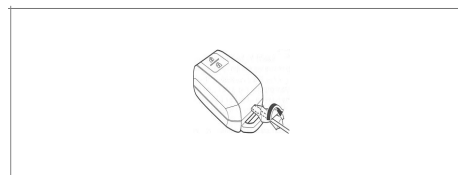
Even though the oil is replaced before this light comes on, reset of the oil life monitoring system is necessary. Consult an authorized SUZUKI dealer about the reset method. If you reset it by yourself, refer to "Setting mode" in this section.

Consult an authorized SUZUKI dealer for changing the setting of oil life monitoring

system in one of the following cases;

- If you replace ACEA Standards or SUZUKI genuine engine oil by the engine oil other than ACEA Standards or SUZUKI genuine engine oil, or vice versa
- By the change of your driving condition, if you need to apply the schedule of "Maintenance recommended under severe driving conditions" instead of "Periodic maintenance schedule" in "INSPECTION AND MAINTENANCE" section, or vice versa

ENGA-STOP indicator light (if equipped)



72M00032

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to ON, this light comes on briefly so you can check that the light is working.

When the engine stops automatically, this light comes on.

BEFORE DRIVING

For details, refer to "ENG A-STOP system (engine auto stop start system) (if equipped)" in "OPERATING YOUR VEHICLE" section.

ENG A-STOP OFF light(if equipped)

(A)
OFF

72M00159

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to ON, this light comes on briefly so you can check that the light is working.

When you push the ENG A-STOP OFF switch, this light comes on.

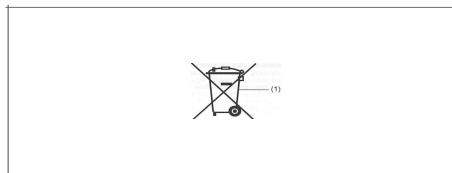
This light blinks in either of the following cases.

- There may be something wrong with the ENG A-STOP OFF system.
- It may be time to replace the battery.

You should have the system inspected by an authorized SUZUKI dealer.

For details, refer to "ENG A-STOP system (engine auto stop start system) (if equipped)" in "OPERATING YOUR VEHICLE" section.

Deceleration energy regenerating indicator light (if equipped)



72M00168

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

When the deceleration energy regenerating function is working, this light comes on.

For details, refer to "ENG A-STOP system (engine auto stop start system) (if equipped)" in "OPERATING YOUR VEHICLE" section.

S (sport)mode indicator (if equipped)



52RM20600

This light comes on when S (sport) mode switch is ON.

Master warning indicator light (if equipped)



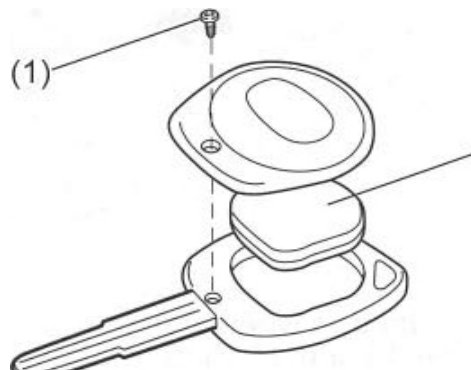
68PM00278

When the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to ON, this light comes on briefly so you can check that the light is working.

When the information display shows warning and indicator messages, this indicator light may also blink.

For details, refer to "Information display" in this section.

Lighting control lever



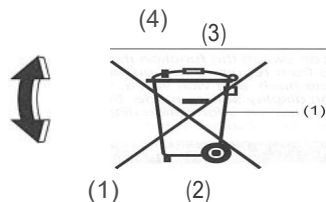
⚠ WARNING

To avoid possible injury, do not operate controls by reaching through the steering wheel.

BEFORE DRIVING

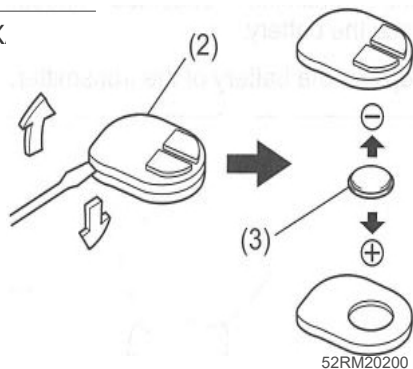
Automatic light operation (if equipped)

EXAMPLE



68PM00228

EX



52RM20200

Your vehicle's lighting system is controlled by two main systems: the lighting switch and the auto-on headlight system (when the lighting switch is in "AUTO" position). The two systems work together to operate your lights as shown in the following chart:

ON: Lights ON

LIGHT: When it is light around the light sensor (5).

DARK: When it is dark around the light sensor (5).

Lighting switch position	Main lights to be operated	Ignition switch in the "LOCK" or "ACC" position / Ignition mode "LOCK" (OFF) or "ACC"		Ignition switch in the "ON" position / Ignition mode "ON"	
		LIGHT	DARK	LIGHT	DARK
(1) OFF	Position lights, Tail lights	-	-	-	-
	Headlights	-	-	-	-
(2) AUTO	Position lights, Tail lights	-	-	-	ON
	Headlights	-	-	-	ON
(3) :00~	Position lights, Tail lights	ON	ON	ON	ON
	Headlights	-	-	-	-
(4) SO	Position lights, Tail lights	ON	ON	ON	ON
	Headlights	ON	ON	ON	ON

To turn the lights on or off, twist the knob on the end of the lever. There are four positions:

OFF (1)

All lights are off.

AUTO (2)

This function works when the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON". The headlights and position lights are turned on and off automatically according to the amount of outside light detected by a sensor. They go out automatically when you turn the ignition switch to "ACC" or "LOCK" position or change the ignition mode to "ACC" or "LOCK" (OFF) by pressing the engine switch.

The light sensor (5) for sensing the amount of outside light is installed on the passenger's seat side instrument panel.

When headlights are turned on and the lighting control lever is in "AUTO" position, you can use the high beam assist (if equipped). For details, refer to "High beam assist" in "OPERATING YOUR VEHICLE" section.

A CAUTION

If the light sensor area of the windshield is covered with mud, ice, or other similar substances, the headlights and position lights may be turned on even when it is still light outside.

NOTE:

- Avoid covering the light sensor area of the windshield with a sticker. The sticker may impair the performance of the sensor and make the system unable to control operation of the lights correctly.
- If you turned the ignition switch to "ON" position or changed the ignition mode to "ON" by pressing the engine switch and "AUTO" position remains selected, the headlights and position lights come on automatically as it gets dark outside, even with the engine not running. Leaving the lights lit for a long time may lead to a complete/y discharged battery.

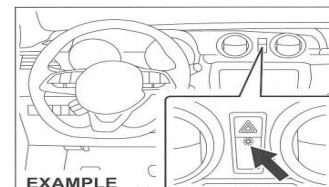
~D= (3)

Front position lights, tail lights, license plate light and instrument lights are on, but headlights are off.

~D (4)

Front position lights, tail lights, license plate light, instrument lights and headlights are on.

EXAMPLE

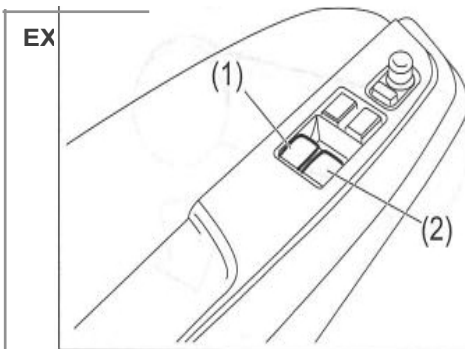


68PM00230

With the headlights Off, push the lever forward to switch to the high beams (main beams) or pull the lever toward you to switch to the low beams. When the high beams (main beams) are Off, a light Off the instrument cluster will come On. To momentarily activate the high beams (main beams) as a passing signal, pull the lever slightly toward you and release it when you have completed the signal.

BEFORE DRIVING

Auto-on headlight system



52RM20200

The auto-on headlight system automatically turns on all lights that are operated by the lighting control lever on the steering column, when the following three conditions are all met.

Conditions for auto-on headlight system operation:

- 1) It is dark around the light sensor (5).
- 2) The lighting control lever is in "AUTO" position.
- 3) You turn the ignition switch to "ON" position or press the engine switch to change the ignition mode to "ON".

This system is activated by a signal from the light sensor (5) on the passenger side of instrument panel. Do not cover the sensor (5). Otherwise, the system will not work correctly.

⚠ WARNING

It takes about 5 seconds for the light sensor to react to a change in lighting conditions. To help avoid an accident due to reduced visibility, turn on your headlights before driving into a tunnel, parking structure, etc

NOTE:

The light sensor reacts even to infrared rays, so it may operate incorrectly when there are strong infrared rays.

Light reminder buzzer

The interior buzzer continuously beeps if you open the driver's door without turning off the headlights and position lights. This function is triggered under the following condition:

The headlights and/or position lights are on even after the ignition switch is turned off, or the engine switch is pressed to change the ignition mode to "LOCK" (OFF).

The buzzer stops sounding when you turn off the headlights and position lights.

NOTE:

A message is indicated on the information display in the instrument cluster while the buzzer is sounding.

Daytime running light (D.R.L.) system

When the engine is started, the daytime running lights are turned on by this system.

Conditions for D.R.L. system operation

- 1) The engine is running.
- 2) Headlights and front fog light (if equipped) are off.

NOTE:

Brightness of the daytime running lights is different from the brightness of the position lights, but it is not a malfunction.

Guide me light (if equipped)

Guide me light has two functions of "To home" and "To car" for improving your visibility in the dark.

"To home" function

Even after you leave the car, the ground will be illuminated for a short while with this function. You can turn on the front position lights and the headlights in the low beam setting for about 10 seconds after the ignition switch is turned to "LOCK" position or the engine switch is pressed to change the ignition mode to "LOCK" (OFF).

To set the function:

- 1) Turn the lighting switch to "AUTO" position.
- 2) Turn the ignition switch to "LOCK" position or press the engine switch to change the ignition mode to "LOCK" (OFF).
- 3) Pull the lighting control lever toward you once and open the driver's side door within 60 seconds. Or pull the lighting control lever toward you once while the driver's side door is open.

To cancel the function:

Perform any of the following operations.

- If your vehicle is equipped with the keyless entry system (if equipped), it is necessary to insert the ignition key in the ignition switch.
- Pull the lighting control lever toward you once.
- Turn the ignition switch to "ACC" or "ON" position or change the ignition mode to "ACC" or "ON" by pressing the engine switch.
- Turn the lighting switch to any other position than "AUTO" position.

NOTE:

- *When the "To home" is functioning, the front fog lights (if equipped), rear fog light and the headlights (high beam) are not turned on.*
- *Lighting time of the "To home" function can be changed on the information display. Refer to "Information display" in this section.*

"To car" function

Before you get in the vehicle, the ground will be illuminated for a short while to easily lead the driver to the vehicle. If "UNLOCK" button of the keyless push start system remote controller (if equipped) or the keyless entry system transmitter (if equipped) is pressed while the lighting switch is positioned in "AUTO", the front position lights and the headlights in the low beam are turned on for 10 seconds.

This function will operate only when it is dark outside the vehicle.

To cancel the function:

Perform any of the following operations.

- If your vehicle is equipped with the keyless entry system (if equipped), it is necessary to insert the ignition key in the ignition switch.
- Lock the doors by using the keyless push start system remote controller, the request switch or the keyless entry system transmitter, or the key in the driver's door lock.
- Turn the ignition switch to "ACC" or "ON" position or change the ignition mode to "ACC" or "ON" by pressing the engine switch.
- Turn the lighting switch to any other position than "AUTO" position.

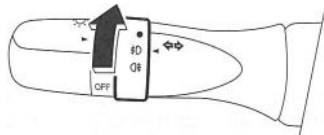
NOTE:

- *When the "To car" is functioning, the front fog lights (if equipped), rear fog light and the headlights (high beam) are not turned on.*
- *Lighting time of the "To car" function can be changed on the information display. Refer to "Information display" in this section.*

BEFORE DRIVING

Front fog light switch (If equipped)

EXAMPLE



68PM00232

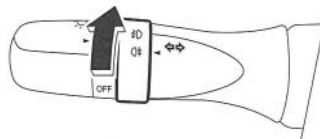
To turn the front fog light on, twist the knob as shown in the illustration with the position lights, tail lights and/or the headlights are on. When the front fog light is on, an indicator light on the instrument cluster will come on.

NOTE:

In some countries the lighting operation may be different from the above description according to local regulations.

Rear fog light switch

EXAMPLE



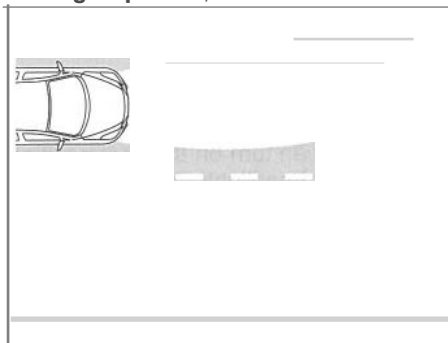
68PM00233

To turn the rear fog light on, twist the knob as shown in the illustration with the headlights on. When the rear fog light is on, an indicator light on the instrument cluster will come on.

If you twist the knob to the mark of rear fog light with the front fog light on, the rear fog light will turn on and an indicator light on the instrument cluster will come on.

Adjusting headlight pattern

Headlight pattern, left hand traffic



68PM00259

Headlight pattern, right hand traffic



68PM00260

The headlight pattern must be adjusted to avoid dazzling oncoming motorists and can be set for right or left hand traffic.

LED headlights (if equipped)

You do not need to adjust the light pattern.

Halogen headlights (if equipped)

The light pattern may not be as good.

You should readjust the light pattern by masking the headlight lens.

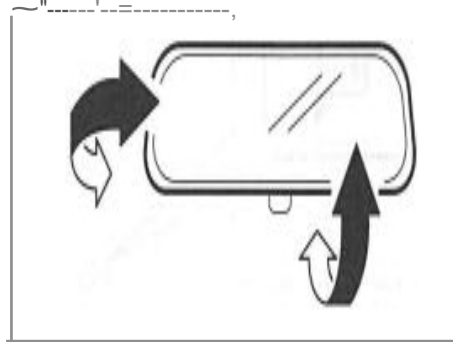
Left hand drive vehicle

To readjust the light pattern by masking the headlight lens;

- 1) Copy the A and B templates as shown in the illustrations.
- 2) Transfer the template to a self-adhesive waterproof material and cut it out.
- 3) Position the self-adhesive templates at the right distance from the center mark of the headlight lens.

Refer to the dimensions in the following list:

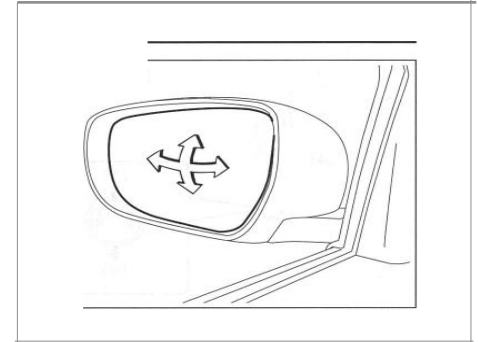
Right hand (A)



52RM20340

- (1) Horizontal line: approximately 2.1 mm
- (2) Vertical line: approximately 18.5 mm

Left hand (B)



52RM20350

- (1) Horizontal line: approximately 2.5 mm
- (2) Vertical line: approximately 11.2 mm

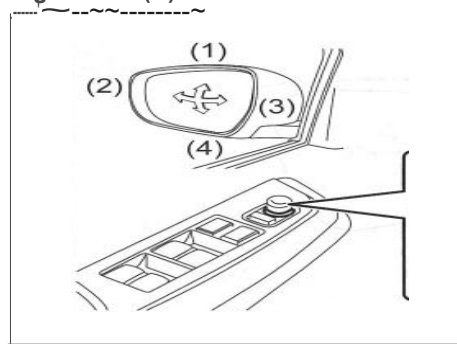
BEFORE DRIVING

Right hand drive vehicle

To readjust the light pattern by masking the headlight lens;

- 1) Copy the C and O templates as shown in the illustrations.
- 2) Transfer the template to a self-adhesive waterproof material and cut it out.
- 3) Position the self-adhesive templates at the left distance from the center mark of the headlight lens.
Refer to the dimensions in the following list:

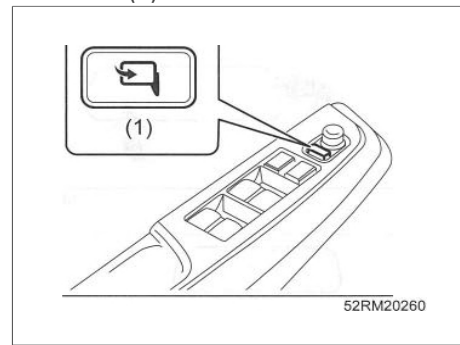
Right hand (C)



52RM20360

- (1) Horizontal line: approximately 16.7 mm
- (2) Vertical line: approximately 5.8 mm

Left hand (D)

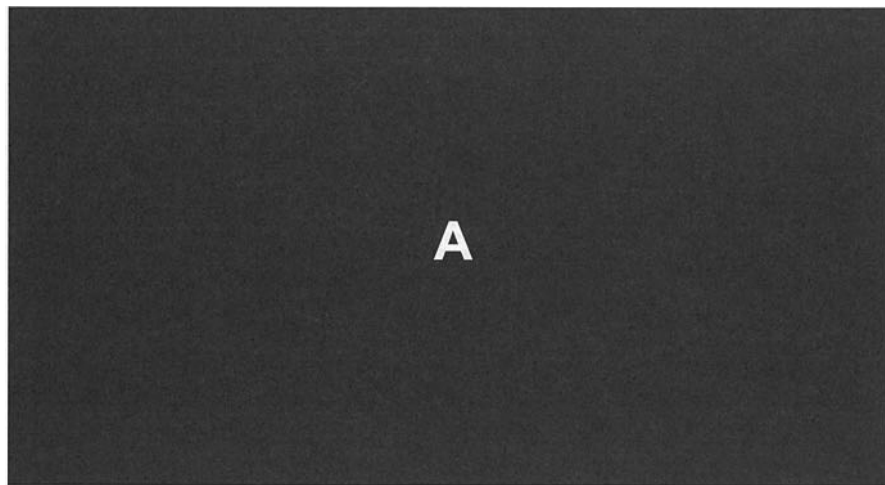


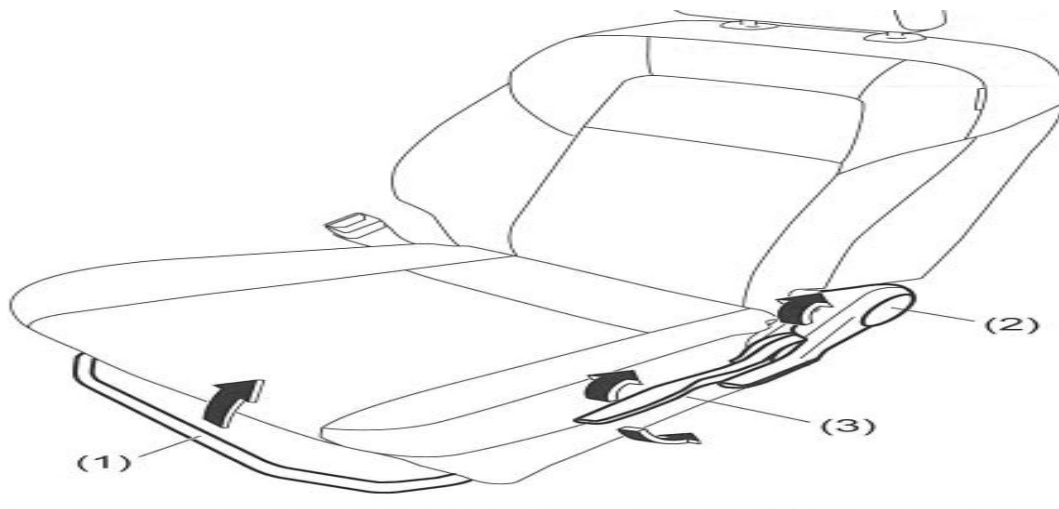
52RM20260

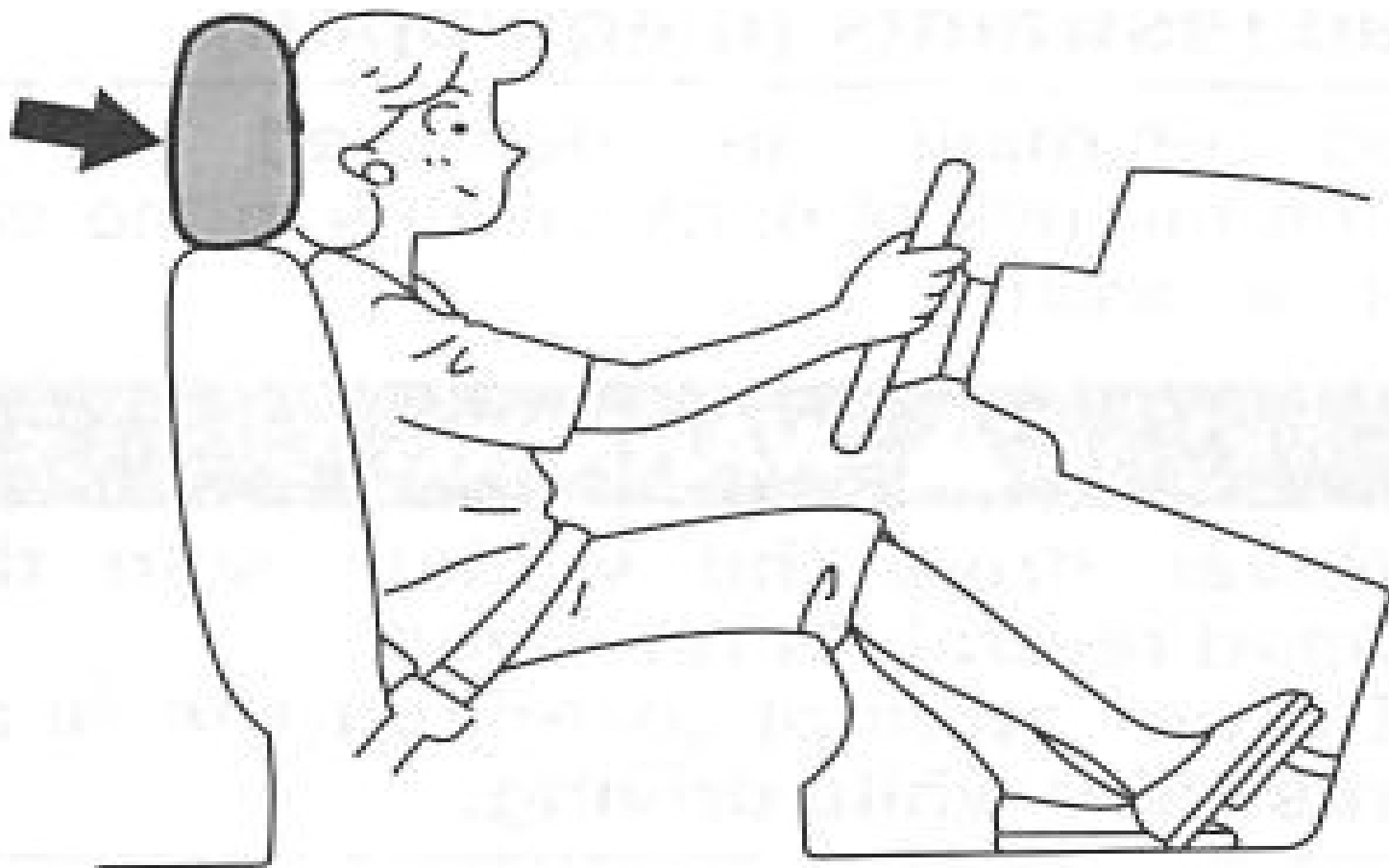
52RM20370

- (1) Horizontal line: approximately 16.7 mm
- (2) Vertical line: approximately 5.8 mm

Templates for halogen headlights .



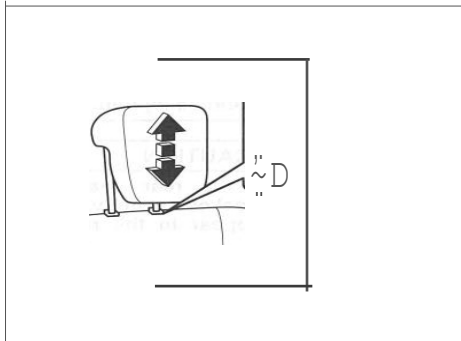






86G064

Headlight leveling switch (if equipped)

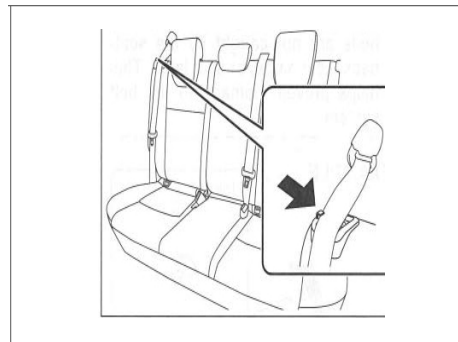


75RM008

Level the headlight beam according to the load condition of your vehicle by turning this switch. The chart shows the appropriate switch position for different vehicle load conditions.

Vehicle Load Condition	Switch Position
Driver only	0
Driver + 1 passenger (in front seat)	0.5
Driver + 4 passengers, no cargo	1.5
Driver+ 4 passengers, cargo added	2
Driver + full cargo	3

Turn signal control lever



57L21128

A WARNING

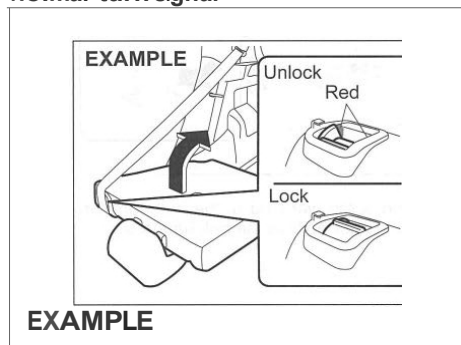
To avoid possible injury, do not operate controls by reaching through the steering wheel.

BEFORE DRIVING

Turn signal operation

With the ignition switch in "ON" position or the ignition mode "ON", move the lever upward or downward to activate the right or left turn signals.

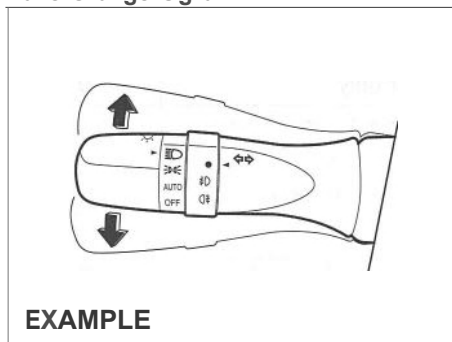
Normal turn signal



68PM00234

Move the lever all the way upward or downward to signal. When the turn is completed, the signal will cancel and the lever will return to its normal position.

Lane change signal



68PM00235

Move the lever partially upward or downward to turn right or left and hold the lever in the moved position.

- The turn signal and its indicator flash while the lever is held at the moved position.
- The turn signal and its indicator flash 3 times even if you returned the lever immediately after the activation.

NOTE:

The turn signal and its indicator can be set whether they flash 3 times after the turn signal lever is returned via the information display. Refer to "Information display" in this section.

NOTE:

You can customize the setting for the number of flashing times of the turn signal and its indicator (1 to 4 times). Please ask an authorized SUZUKI dealer for the customization.

Hazard warningswitch

EXAMPLE

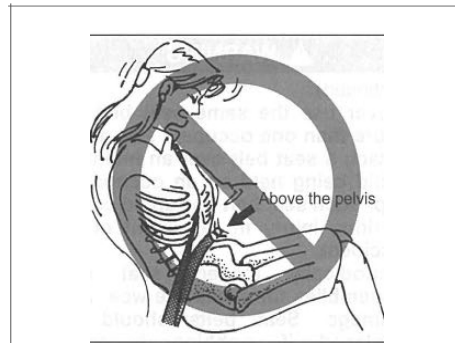


52RM20320

Push the hazard warning switch to activate the hazard warning lights. All turn signal lights and both turn signal indicators will flash simultaneously. To turn off the lights, push the switch again.

Use the hazard warning lights to warn other drivers of possible risk of traffic hazard when you park your vehicle in case of emergency.

Windshieldwiperand washer lever



650611

To avoid possible injury do not operate controls by reaching through the steering wheel.

Wiper and washer operation

When the ignition switch is in "ON" position or the ignition mode is "ON", you can use the wiper/washer lever.

When the wipers are under heavy load such as covered by snow, the breaker will be activated and the wipers will stop operating to protect the wiper motor from overheating.

If the wiper stops during operation, do the following methods.

- 1) Stop the vehicle in a safe place, and turn the engine off.
- 2) Move the wiper lever and switch to "OFF" position.
- 3) Remove obstacles such as snow on the wipers.
- 4) After a while, when the temperature of the wiper motor becomes low enough, the breaker will be reset automatically and the wipers will be able to use.

If you cannot use the wipers after a while, there may be another problem. Ask an authorized SUZUKI dealer to have the wipers inspected.

BEFORE DRIVING

Windshield wipers

EXAMPLE

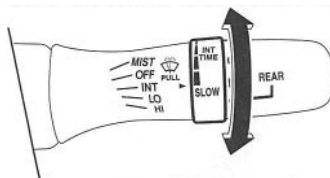


68PM00237

To turn the windshield wipers on, move the lever down to one of the three operating positions. In "INT" position, the wipers operate intermittently. The "INT" position is very convenient for driving in mist or light rain. In "LO" position, the wipers operate at a steady low speed. In "HI" position, the wipers operate at a steady high speed. To turn off the wipers, move the lever back to "OFF" position.

Move the lever up and hold it to "MIST" position, the windshield wipers will turn on continuously at low speed.

EXAMPLE

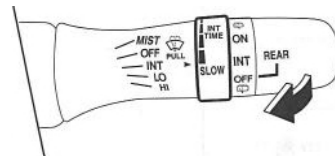


68PM00238

If the lever is equipped with "INT TIME" control, turn the control knob forward or backward to adjust the intermittent wiper operation to the desired interval.

Windshield washer

EXAMPLE



68PM00239

To spray windshield washer fluid, pull the lever toward you. The windshield wipers will automatically turn on at low speed if they are not already on and your vehicle is equipped with "INT" position.

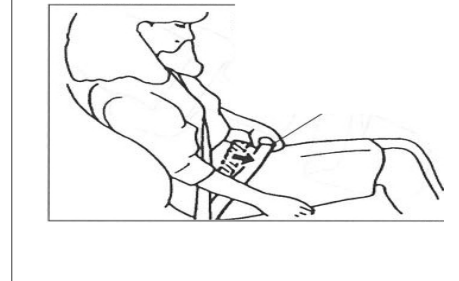
A. WARNING

- To prevent windshield icing in cold weather, turn on the defroster to heat the windshield before and during windshield washer use.
- Do not use radiator antifreeze in the windshield washer reservoir. It can severely impair visibility when sprayed on the windshield, and can also damage your vehicle's paint.

NOT/CE

To help prevent damage to the windshield wiper and washer system components, you should take the following precautions:

- Do not continue to hold in the lever when there is no windshield washer fluid being sprayed or the washer motor can be damaged.
- Do not attempt to remove dirt from a dry windshield with the wipers or you can damage the windshield and the wiper blades. Always wet the windshield with washer fluid before operating the wipers.
- Clear ice or packed snow from the wiper blades before using the wipers.
- Check the washer fluid level regularly. Check it often when the weather is bad.
- Fill a reservoir to 3/4 level with washer fluid for its expansion, if temperature falls low enough to freeze the fluid.

Rear window wiper/washer switch**EXAMPLE**

68PM00240

To turn the rear wiper on, twist the rear wiper switch on the end of the lever forward to "ON" position. If your vehicle is equipped with "INT" position (if equipped), the rear wiper operates intermittently when you twist the switch forward to "INT" position. To turn the rear wiper off, twist the switch rearward to "OFF" position.

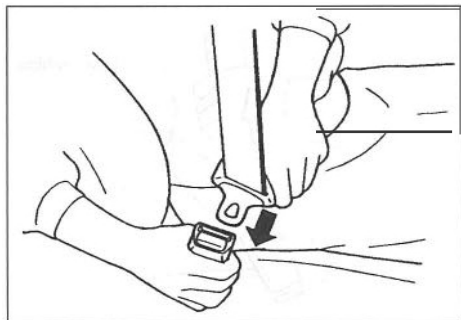
With the rear wiper in "OFF" position, twist the switch rearward and hold it there to spray window washer fluid.

With the rear wiper in "ON" position, turn the switch forward and hold it there to spray window washer fluid.

NOT/CE

Clear ice or snow from the rear window and rear wiper blade before using the rear wiper. Accumulated ice or snow could prevent the wiper blade from moving, causing damage to the wiper motor.

Tilt/telescoping (if equipped) steering lock lever



52RM20700

- (1) LOCK
- (2) UNLOCK

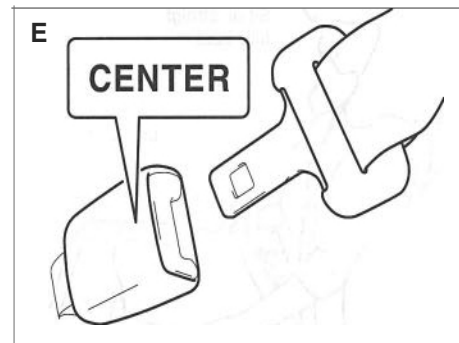
The lock lever is located under the steering column. To adjust the steering wheel height and fore-aft position:

- 1) Push down the lock lever to unlock the steering column.
- 2) Adjust the steering wheel to the desired height and fore-aft position and lock the steering column by pulling up the lock lever.
- 3) Try moving the steering wheel up and down and back and forth to check that it is securely locked in position.

A WARNING

Never attempt to adjust the steering wheel while the vehicle is moving or you could lose control of the vehicle.

Horn



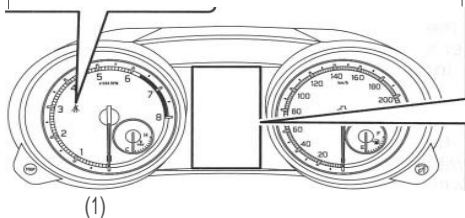
52RM20420

Press the horn button of the steering wheel to sound the horn. The horn will sound with the ignition switch in any position or any ignition mode.

Heated rear window switch/ heated outside rearview mirror switch(if equipped)

Type 1

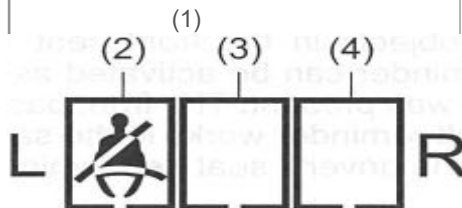
EXAMPLE



52RM20430

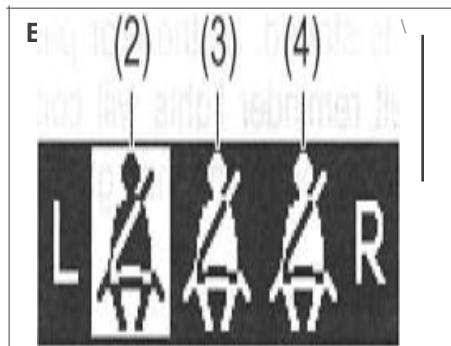
Type 2

EXAMPLE



52RM20440

When the rear window is misted, push this switch (1) to clear the window,



52RM20450

If the outside rearview mirror has the mark (2), it is also equipped with the heated outside rearview mirrors. When you push the

switch (1), both the heated outside rearview mirrors and the heated rear window will operate simultaneously.

Air indicator light will come on when the defogger is on. The defogger will work only when the engine is running. To turn off the defogger, push the switch (1) again,

NOTICE

The heated rear window and the heated outside rearview mirrors (if equipped) use a large amount of electricity. Turn off the switch after the window and mirrors have become clear.

NOTE:

The defogger will work only when the engine is running.

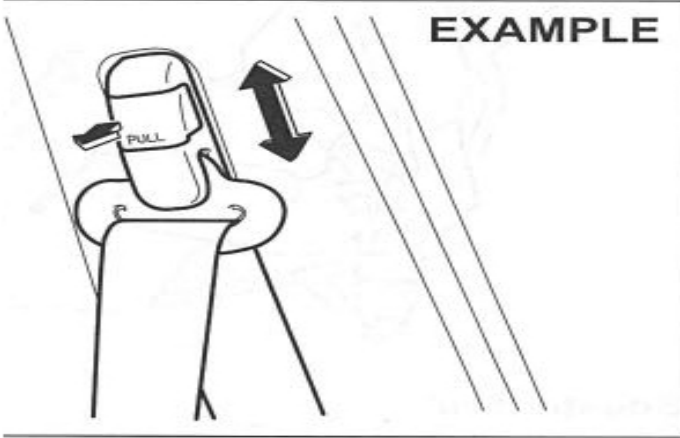
The defogger will automatically turn off after the defogger remains on for 15 minutes to prevent discharging of the lead-acid battery.

If your vehicle is equipped with heated outside rearview mirrors, only the driver's side outside rearview mirror has the mark (2), but both outside rearview mirrors work simultaneously.

BEFORE DRIVING

MEMO

EXAMPLE



OPERATING YOUR VEHICLE

Exhaust gas warning	3-1
Daily inspection checklist	3-1
~~~~;~en~~t:s(~::~~en;i.th~~t.k~;j~ij	302
push start system) (if equipped)	3-3
Engine switch (vehicle with keyless	
push start system) (if equipped)	3-5
Keyless push start system (if equipped)	3-7
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Starting engine (vehicle with keyless	
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Using transaxle	3-17
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SHVS (Smart Hybrid Vehicle by Suzuki) (if equipped)	3-30
ENGA-STOP system	
(engine auto stop start system) (if equipped)	3-32
Adaptive cruise control system (if equipped)	3-40
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Radar brake support system (if equipped)	3-56
Dual sensor brake support system (if equipped)	3-71
Emergency stop signal (ESS)	3-90
Rearview camera (if equipped)	3-91
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Tire pressure monitoring system (TPMS)	3-100

### Exhaust gas warning



#### A WARNING

Avoid breathing exhaust gases. Exhaust gases contain carbon monoxide, a potentially lethal gas that is colorless and odorless. Since carbon monoxide is difficult to detect by itself, take the following precautions to help prevent carbon monoxide from entering your vehicle.

- Do not leave the engine running in garages or other confined areas.

(Continued)

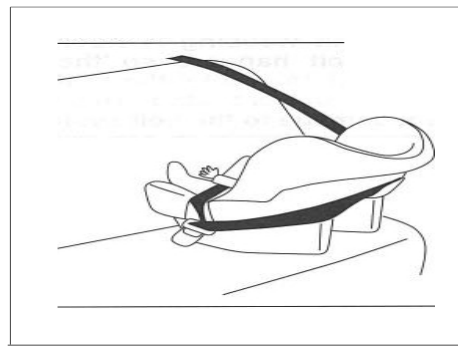
#### A WARNING

(Continued)

- Do not park with the engine running for a long period of time, even in an open area. If it is necessary to sit for a short time in a parked vehicle with the engine running, check that the air intake selector is set to "FRESH AIR" and the blower is at high speed.
- Avoid operating the vehicle with the tailgate or trunk open. If it is necessary to do so, check that the sunroof (if equipped) and all windows are closed, and the blower is at high speed with the air intake selector set to "FRESH AIR".
- To allow proper operation of your vehicle's ventilation system, keep the air inlet grill in front of the windshield clear of snow, leaves or other obstructions at all times.
- Keep the exhaust tailpipe area clear of snow and other material to help reduce the buildup of exhaust gases under the vehicle. This is particularly important when parked in blizzard conditions.
- Have the exhaust system inspected periodically for damage and leakage. Any damage or leakage should be repaired immediately.

### Daily inspection checklist

#### Before driving



60A187

- 1) Check that windows, mirrors, lights and reflectors are clean and unobstructed.
- 2) Visually check the tires for the following points:
  - the depth of the tread groove
  - abnormal wear, cracks and damage
  - loose wheel nuts
  - existence of foreign material such as nails, stones, etc.

Refer to "Tires" in "INSPECTION AND MAINTENANCE" section for details.

- 3) Look for fluid and oil leakage.

**NOTE:**

*It is normal for water to drip from the air conditioning system while and after use.*

- 4) Check that the hood is fully closed and latched.
- 5) Check the headlights, turn signal lights, brake lights and horn for proper operation.
- 6) Adjust the seat and head restraint.
- 7) Check the brake pedal and the parking brake lever.
- 8) Adjust the mirrors.
- 9) Check that you and all passengers have properly fastened by the seat belts.
- 10) Check that all warning lights come on as the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON".
- 11) Check all gauges.
- 12) Check that the brake system warning light turns off when the parking brake is released.

Once a week, or each time you fill your fuel tank, perform the following under-hood checks:

- 1) Engine oil level
- 2) Coolant level
- 3) Brake fluid level
- 4) Lead-acid battery solution level
- 5) Windshield washer fluid level

6) Hood latch operation

Pull the hood release handle inside the vehicle. Check that you cannot open the hood further without releasing the secondary latch. Close the hood securely after checking for proper latch operation. See the item "All latches, hinges and locks" of "Chassis, body and others" in "Maintenance schedule" in "INSPECTION AND MAINTENANCE" section for lubrication schedule.

**WARNING**

Check that the hood is fully closed and latched before driving. If it is not, it can fly up unexpectedly during driving, obstructing your view and resulting in an accident.

Once a month, or each time you fill your fuel tank, check the tire pressure using a tire pressure gauge. Also check the tire pressure of the spare tire.

## Engine oil consumption

It is normal for the engine to consume some engine oil during normal vehicle operation.

The amount of engine oil consumption depends on viscosity and quality of the oil and your driving conditions.

More oil is consumed during high-speed driving and when there is frequent acceleration and deceleration. Under high loads, your engine also will consume more oil.

A new engine also consumes more oil, since its pistons, piston rings and cylinder walls have not yet become conditioned. New engines reach the normal level of oil consumption only after approximately 5000 km (3000 miles) driving.

**Oil consumption:**

Max. 1.0 L per 1000km  
(1 Qt. per 600 miles)

When judging the amount of oil consumption, note that the oil may become diluted and it is difficult to judge the accurate oil level.

As an example, if a vehicle is used for repeated short trips, and consumes a normal amount of oil, the dipstick may not show any drop in the oil level at all, even after 1000 km (600 miles) or more of driving. This is because the oil gradually becomes diluted with fuel or moisture,

## OPERATING YOUR VEHICLE

making it appear that the oil level has not changed.

You should also be aware that the diluting ingredients evaporate out when the vehicle is subsequently driven at high speeds, such as on an expressway, making it appear that oil is excessively consumed after high-speed driving.

### Ignition switch (vehicle without keyless push start system) (if equipped)



#### A. WARNING

To avoid possible injury, do not operate controls by reaching through the steering wheel.

### EXAMPLE



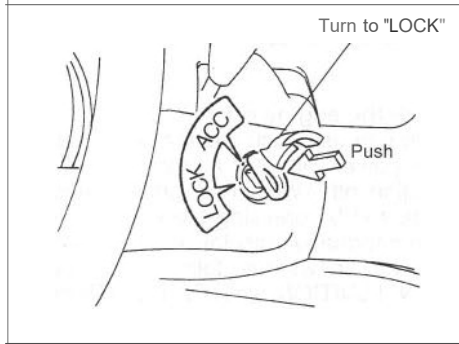
68PH00310

The ignition switch has the following four positions:

#### LOCK

This is the normal parking position. It is the only position in which the key can be removed.

## Manual transaxle



60G033

### • Manual transaxle vehicles

You must push in the key to turn it to "LOCK" position. It locks the ignition, and prevents normal use of the steering wheel after the key is removed.

### • Automatic transaxle or CVT vehicles

The gearshift lever must be in "P" (Park) position to turn the key to "LOCK" position. It locks the ignition and prevents normal use of the steering wheel and gearshift lever.

To release the steering lock, insert the key and turn it clockwise to one of the other positions. If you have trouble turning the key to unlock the steering wheel, try turning the steering wheel slightly to the right or left while turning the key.

## ACC

Accessories such as the radio can operate, but the engine is off.

## ON

This is the normal operating position. All electrical systems are on.

## START

This is the position for starting the engine using the starter motor. The key should be released from this position as soon as the engine starts.

## Ignition key reminder

A buzzer sounds intermittently to remind you to remove the ignition key if it is in the ignition switch when the driver's door is opened.



81A297S

## A WARNING

- Never return the ignition switch to "LOCK" position and remove the ignition key while the vehicle is moving. The steering wheel will lock and you will not be able to steer the vehicle.

(Continued)

### A WARNING

(Continued)

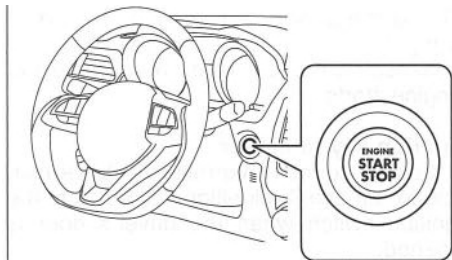
- Always return the ignition switch to "LOCK" position and remove the ignition key when leaving the vehicle even only for a short time. Also do not leave children alone in a parked vehicle. Unattended children could cause accidental movement of the vehicle or could tamper with power windows or power sunroof. They also could suffer from heat stroke in warm or hot weather. These could result in severe injury or even death.

### NOTICE

- Do not use the starter motor for more than 12 seconds at a time. If the engine does not start, wait 15 seconds before trying again. If the engine does not start after several attempts, check the fuel and ignition systems or consult an authorized SUZUKI dealer.
- Do not leave the ignition switch in "ON" position if the engine is not running as the lead-acid battery will discharge.

## Engine switch (vehicle with keyless push start system) (if equipped)

### EXAMPLE



52RM30010

### LOCK (OFF)

This mode is for parking the vehicle. When this mode is selected by pressing the engine switch and then any door (including the tailgate) is opened or closed, the steering will be locked automatically.

### ACC

Press the engine switch to select this ignition mode to use such electric equipment as the audio system, outside rearview mirrors and accessory socket with the engine off. When this position is selected, the information display in the instrument cluster shows the following message: "ACC"

IGNITION SWITCH POSITION. Refer to "Information display" in "BEFORE DRIVING" section for details.

### ON

- With the engine off  
You can use such electric equipment as the power windows and wipers with the engine off. When this ignition mode is selected by pressing the engine switch, the information display in the instrument cluster shows the following message: "ON" IGNITION SWITCH POSITION.
- With the engine on  
All electric equipment is operational. The vehicle can be driven when you have selected this ignition mode by pressing the engine switch.

## START

**Manual transaxle** - Provided you have the keyless push start system remote controller with you, the engine automatically starts when you press the engine switch to select this ignition mode after shifting to N (Neutral) and depressing the brake and clutch pedals.

**Automatic transaxle or CVT** - Provided you have the keyless push start system remote controller with you the engine automatically starts when you press the engine switch to select this ignition mode after placing the gearshift lever in "P" position and depressing the brake pedal. (If you need to re-start the engine while the vehicle is moving, shift into "N".)

### NOTE:

*You do not need to keep the engine switch pressed until the engine starts.*

## NOTICE

Do not leave the engine switch in "ACC" or "ON" mode when the engine is not running. Avoid using the radio or other electric accessories for a long time when the engine switch is in "ACC" or "ON" mode when the engine is not running, otherwise the lead-acid battery may discharge.

### NOTE:

*In the presence of strong radio wave or noise, you may not be able to change the ignition mode to "ACC" or "ON" or to start the engine using the engine switch. In this case, the information display in the instrument cluster will show the following message: KEY FOB NOT DETECTED.*

## Unreleased steering lock warning

If the steering lock remains engaged when you press the engine switch to change the ignition mode to "ON", the information display in the instrument cluster shows the message: "TRN. STEERING WHEEL TO RELEASE LOCK". Refer to "Information display" in "BEFORE DRIVING" section for details.

### NOTE:

*The steering lock may not be released and the immobilizer/keyless push start system warning light turns on if some load is applied on the steering wheel. If this happens, turn the steering wheel system to the right or left to relieve it from the load before you press the engine switch again to change to the desired ignition mode.*

### Keyless push start system (if equipped)

Provided the keyless push start system remote controller is within the interior workable area (refer to the related explanation in this section), you can use the engine switch for starting the engine and selecting an ignition mode ("ACC" or "ON"). In addition, the following functions can be used:

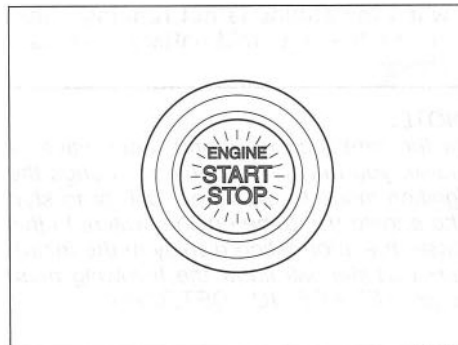
- Keyless entry function. Refer to "Keyless push start system remote controller / keyless entry system transmitter (if equipped)" in "BEFORE DRIVING" section for details.
- Locking and unlocking doors (including the tailgate) using a request switch. Refer to "Keyless push start system remote controller / keyless entry system transmitter (if equipped)" in "BEFORE DRIVING" section for details.
- Immobilizer (anti-theft) function. Refer to "Immobilizer system" in "BEFORE DRIVING" section for details.

### Engine switch illumination

The engine switch is illuminated (lit) in the following situations:

- When the engine is off and the driver's door is open, or for 15 seconds after the driver's door is closed. The illumination will fade out after 15 seconds passed.

- When the engine is off and the position lights are on. The illumination will go out when the position lights are turned off.
- When the engine is on and the position lights and/or the headlights are on. The illumination will go out when the position lights and/or the headlights are turned off.



82K253

#### NOTE:

*To save the lead-acid battery, the illumination will be automatical/y turned off when both of the following conditions are simultaneously met:*

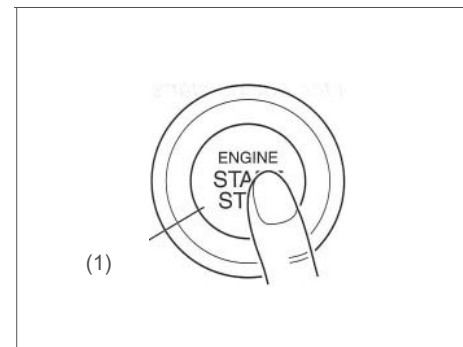
- *The headlights and position lights are turned off.*
- *15 minutes has elapsed since opening the driver's door.*

### Selection of ignition modes

Press the engine switch to select "ACC" or "ON" mode as follows when you use an electric accessory or check the operation of instruments without running the engine.

- 1) Bring the keyless push start system remote controller with you and sit in the driver's seat.
- 2) Manual transaxle - Without depressing the clutch pedal, press the engine switch (1).

Automatic transaxle or CVT - Without depressing the brake pedal, press the engine switch (1).



82K254

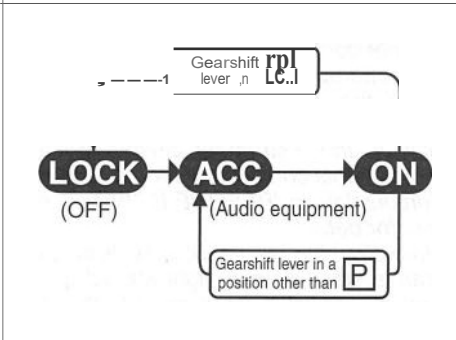
Every time you press the engine switch, the ignition mode changes as follows.

## Manual transaxle



68PH00322

## Automatic transaxle or CVT



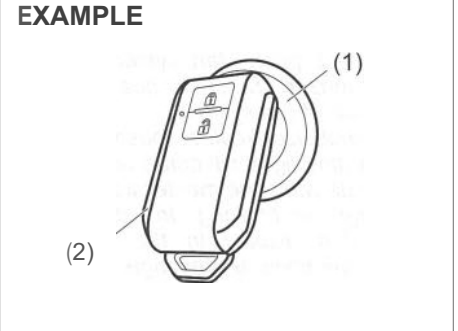
57L31006

### NOTE:

- Automatic transaxle or CVT - If the gearshift lever is in any position other than "P", or if the knob button is pushed when the gearshift lever is in "P" position the ignition mode cannot be returned to "LOCK" (OFF).
- When selecting the ignition modes, the information display in the instrument cluster shows certain messages. Refer to "Information display" in "BEFORE DRIVING" section for details.

### If the master warning indicator light blinks and the ignition modes cannot be selected

Your keyless push start system remote controller may not be sensed as being within the interior workable area (refer to the related explanation in this section). Try again after checking that you have the remote controller with you. If the ignition modes still cannot be selected, the battery of the remote controller may be discharged. To select an ignition mode, you must then use the following method:



52RM30020

- 1) Without depressing the brake pedal and the clutch pedal, push the engine switch (1).
- 2) The master warning indicator light in the instrument cluster blinks and the message "PLACE KEY FOB ON START SWITCH" appears in the information display within about 10 seconds. Touch the engine switch with "LOCK" button side of remote controller (2) for about 2 seconds.

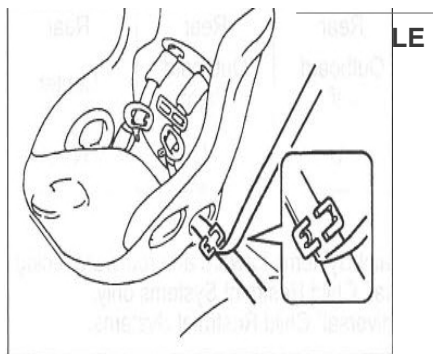
### NOTE:

- If you still cannot select the ignition modes, there may be some problem with the keyless push start system. Contact an authorized SUZUKI dealer for an inspection of the system.
- The immobilizer/keyless push start system warning light will come on for about 5 seconds while the master warning indicator light is blinking. In addition, the information display in the instrument cluster will show a message during this time. Refer to "Information display" in "BEFORE DRIVING" section for details.
- You may customize the system to cause the interior buzzer to sound once far warning that remote controller is out of sensing range. To incorporate this customization, please contact an authorized SUZUKI dealer.
- If the battery of the remote controller is becoming discharged, the corresponding message will appear in the information display when you press the engine switch to change the ignition mode to "ON". Refer to "Information display" in "BEFORE DRIVING" section for details. For details on replacing the battery, refer to "Keyless push start system remote controller / keyless entry system transmitter (if equipped)" in "BEFORE DRIVING" section.

### REMOTE CONTROLLER OUTSIDE warning

When either of the conditions described below is met, the system causes a REMOTE CONTROLLER OUTSIDE warning by sounding the interior and exterior buzzers. At the same time, the immobilizer/keyless push start system warning light comes on and the master warning indicator light blinks.

- Any door is opened and then closed while the remote controller is not inside the vehicle and the engine is running or the ignition mode has been changed to "ACC" or "ON" by pressing the engine switch.
- The remote controller is not inside the vehicle when you attempt to start the engine after changing the ignition mode to "ACC" or "ON" by pressing the engine switch.



52RM30230

- (1) Immobilizer/keyless push start system warning light (blinks)
- (2) Master warning indicator light (blinks)

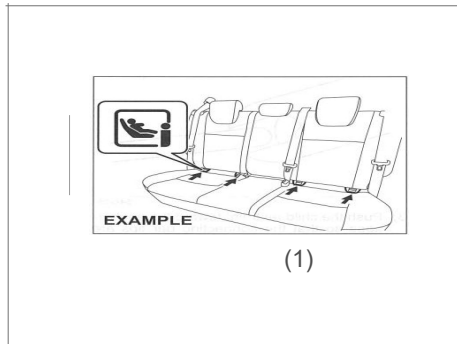
### NOTE:

- If the warning is given, relocate the remote controller as soon as possible.
- Any attempt to start the engine while the warning is active. The message appearing in the information display in the instrument cluster will also indicate this condition. Refer to "Information display" in "BEFORE DRIVING" section for details.
- Normally, the immobilizer/keyless push start system warning light should go out and the master warning indicator light should stop blinking shortly after the remote controller is brought back inside the vehicle. If they remain lit and blinking, change the ignition mode to "LOCK" (OFF).

by pressing the engine switch and then perform the engine starting operation. Refer to "starting engine (vehicle with keyless push start system) (if equipped)" in this section.

- Always keep the remote controller with you as the driver.

## Interior workable area for keyless push start system



68PH00306

(1) Interior workable area

The interior workable area is defined as all the interior spaces except for the space above the instrument panel or in the luggage compartment.

### NOTE:

Even when the remote controller is in the interior workable area, if it is in any of the following conditions, you may not be able to start the engine or select the ignition modes, and the REMOTE CONTROLLER OUTSIDE warning may be given.

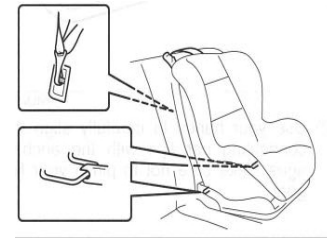
- The remote controller's battery is low.
- The remote controller is affected by strong radio wave or noise.
- The remote controller is in contact with or covered by a metallic object.
- The remote controller is in the secluded stowages such as the glove box or a door pocket.
- The remote controller is in the sun visor pocket or on the floor.

Even when the remote controller is outside the interior workable area, if it is in any of the following conditions, you may be able to start the engine or select the ignition mode. The REMOTE CONTROLLER OUTSIDE warning may not be given at that time.

- The remote controller is outside the vehicle but very close to a door.
- The remote controller is in certain area on the instrument panel or in the luggage compartment.

## Parking brake lever

### EXAMPLE



54G039

- (1) To set
- (2) To release
- (3) To release

The parking brake lever is located between the front seats. To set the parking brake, depress the brake pedal and pull the parking brake lever all the way up. To release the parking brake, depress the brake pedal and pull up slightly on the parking brake lever, push the button on the end of the lever with your thumb, and lower the lever to its original position.

For automatic transaxle or CVT vehicles, always set the parking brake before moving the gearshift lever to "P" (PARK) position. If you park on an incline and shift into "P" before setting the parking brake, the weight of the vehicle may make it difficult to shift out of "P" when you are ready to drive the vehicle.

When preparing to drive the vehicle, move the gearshift lever out of "P" position before releasing the parking brake.

### A WARNING

- Never drive your vehicle with the parking brake on: rear brake effectiveness can be reduced from overheating, brake life may be shortened, or permanent brake damage may result.
- If the parking brake does not hold the vehicle securely or does not fully release, have your vehicle inspected immediately by an authorized SUZUKI dealer.

### A WARNING

Always set the parking brake fully before leaving your vehicle or it may move, causing injury or damage. When parking, make sure the gearshift lever for manual transaxle vehicles is in 1st gear or "R" (Reverse) and the gearshift lever for automatic transaxle or CVT vehicles is in "P" (Park). Remember, even though the transaxle is in gear or in Park, you must set the parking brake fully.

### A WARNING

When parking the vehicle in extremely cold weather, the following procedure should be used:

- 1) Set the parking brake.
- 2) Manual transaxle - turn off the engine, then shift into reverse or first gear.  
Automatic transaxle or CVT- shift into "P" (Park) and turn off the engine.
- 3) Get out of the vehicle and put chocks under the wheels.
- 4) Release the parking brake.  
When you return to your vehicle, first set the parking brake, and then remove the wheel chocks.

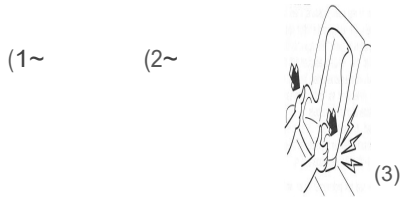
### Parking brake reminder buzzer

A buzzer sounds intermittently to remind you to release the parking brake if you start the vehicle without fully releasing the parking brake. Check that the parking brake is fully released and the brake system warning light turns off.

## Pedal

### Manual transaxle

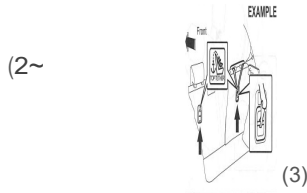
#### EXAMPLE



80J2121

### Automatic transaxle or CVT

#### EXAMPLE



80J2122

### Clutch pedal (1)

A clutch pedal is used to disengage the driving force to the wheels when starting the engine, stopping, or shifting the gear-shift lever. Depressing the pedal disengages the clutch.

#### A WARNING

Do not drive with your foot resting on the clutch pedal. It could result in excessive clutch wear, clutch damage, or unexpected loss of engine braking.

### Brake pedal (2)

Your vehicle is equipped with either front and rear disc brakes or front disc brakes and rear drum brakes. Depressing a brake pedal applies both sets of brakes.

You may hear occasional brake squeal when you apply the brakes. This is a normal condition caused by environmental factors such as temperature, humidity or dust, etc.

#### A WARNING

If brake squeal is excessive and occurs each time the brakes are applied, you should have the brakes checked by an authorized SUZUKI dealer.

#### A WARNING

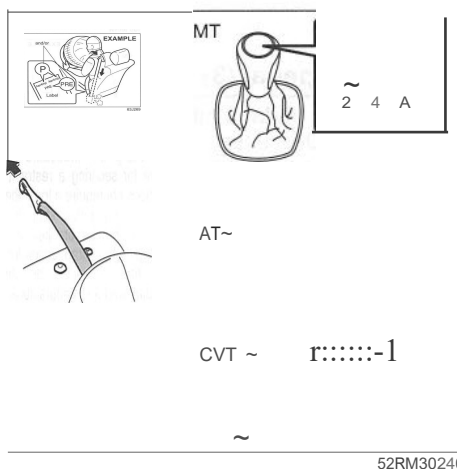
Do not apply brakes continuously or rest your foot on the brake pedal. This will result in overheating of the brakes which could cause unpredictable braking action, longer stopping distances, or permanent brake damage.

### Accelerator pedal (3)

An accelerator pedal controls the speed of the engine. Depressing the accelerator pedal increases power output and speed.

### Starting engine (vehicle without keyless push start system) (if equipped)

#### Before starting engine



- 1) Check that the parking brake is set fully.
- 2) Manual transaxle - Shift into "N" (Neutral). Hold the clutch pedal and brake pedal fully depressed.

Automatic transaxle or CVT - If the gearshift lever is not in "P" (Park) position, shift into "P" (Park). (If you need to

re-start the engine while the vehicle is moving, shift into "N".)

#### NOTE:

*Automatic transaxle or CVT vehicles have a starter interlock device which is designed to keep the starter from operating if the transaxle is in any of the drive positions.*

#### A WARNING

Check that the parking brake is set fully and the transaxle is in Neutral (or Park for vehicles with an automatic transaxle or CVT) before attempting to start the engine.

### Starting a cold and warm engine

With your foot taken off the accelerator pedal, crank the engine by turning the ignition key to "START". Release the key when the engine starts.

#### NOTICE

- Stop turning the starter immediately after the engine has started or the starter system can be damaged.
- Do not crank the engine for more than 12 seconds at a time. If the engine does not start on the first try, wait about 15 seconds before trying again.

If the engine does not start after 12 seconds of cranking, wait about 15 seconds, and then press down the accelerator pedal to 1/3 of its stroke and try cranking the engine again. Release the key and accelerator pedal when the engine starts.

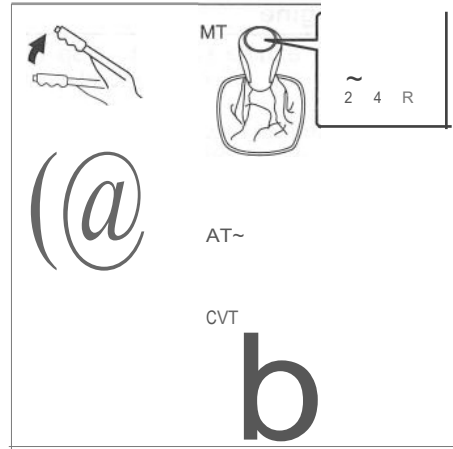
If the engine still does not start, depress the accelerator pedal all the way to the floor while cranking.

### Caution when stopping the engine with turbocharger

When stopping the engine after climbing or high speed driving, let the engine idle for about one minute or more (if it is not prohibited) to cool down the turbocharger and engine oil. This is to prevent the engine oil from over-deteriorating. Deteriorated engine oil will damage the bearings of the turbocharger.

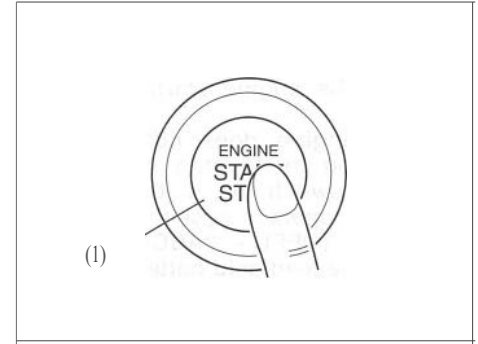
## Starting engine (vehicle with keyless push start system) (if equipped)

### Before starting engine



52RM30400

- 1) Check that the parking brake is set fully.
- 2) Manual transaxle - Shift into "N" (Neutral) and fully depress the clutch pedal. Hold the clutch and brake pedals fully depressed.  
Automatic transaxle or CVT - If the gearshift lever is not in "P" (Park) position, shift it to "P". Hold the brake pedal fully depressed.



821<254

- 3) The "PUSH START SWITCH" message will appear in the information display in the instrument cluster. Push the engine switch (1). When the engine is started, the starter motor will automatically stop.

### A. WARNING

**Check that the parking brake is set fully and the transaxle is in Neutral (or Park for vehicles with an automatic transaxle or CVT) before attempting to start the engine**

### NOTICE

- Do not depress the accelerator during the engine starting procedure
- If the engine does not respond when you try to start it with the engine switch or if the engine switch repeats cycling through "LOCK" (OFF) · "ACC" · "ON" mode, the lead-acid battery may be discharged. Check the voltage of the lead-acid battery before trying again.

#### NOTE:

*You do not need to keep the engine switch pressed to start the engine.*

*The engine of a manual transaxle vehicle will not start unless the clutch pedal is depressed.*

*Automatic transaxle or CVT vehicles have a starter interlock device which is designed to keep the starter from operating if the transaxle is in any of the drive positions.*

*During the engine starting procedure, messages on the information display will help you. Refer to "Information display" in "BEFORE DRIVING" section for details.*

*You should turn off such loads as the headlights and air conditioning system to facilitate starting of the engine.*

- *Even if you fail to start the engine, the starter motor will stop turning automatically after a short time. After the starter motor has stopped or if there is some problem with the system, the starter motor will rotate only while the engine switch is being pressed.*

### Stopping engine

- Depress the engine switch to stop the engine after the vehicle stopped completely.
- In case of emergency, you can stop the engine by quickly pushing the engine switch more than 3 times, or pushing and holding the engine switch for more than 2 seconds while the vehicle is in motion.

#### NOTE:

*Except in cases of emergency, do not stop the engine while the vehicle is in motion.*

*The steering and braking operation will require more effort when the engine is stopped.*

*Refer to "Braking" in this section.*

### NOTICE

**If you stop the engine while the vehicle is in motion, the automatic transaxle or CVT may be damaged. Avoid stopping the engine while driving.**

- If the engine remains stopped for while after it was stopped unexpectedly or was raced before stopping, a clicking sound may be heard from around the engine when it is restarted. This is not a malfunction. Always let the engine idle before stopping it.

### Starting a cold and warm engine

With your foot taken off the accelerator pedal, crank the engine by pressing the engine switch to change the ignition mode to "START".

### NOTICE

**Do not crank the engine for more than 12 seconds at a time. If the engine does not start on the first try, wait about 15 seconds before trying again**

After pressing the engine switch to change the ignition mode to "START", the starter cranks the engine for about 12 seconds before it can start the engine. If the engine fails to start at the first attempt, wait about 15 seconds, and then try again while keeping the engine switch pressed while pressing down the accelerator pedal 1/3 of its stroke. Release the accelerator pedal when the engine starts.

If the engine still does not start, try holding the accelerator pedal all the way to the floor while cranking.

If you are unable to start the engine using this procedure, consult an authorized SUZUKI dealer.

### Caution when stopping the engine with turbocharger

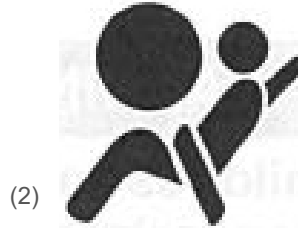
When stopping the engine after climbing or high speed driving, let the engine idle for about one minute or more (if it is not prohibited) to cool down the turbocharger and engine oil. This is to prevent the engine oil from over-deteriorating. Deteriorated engine oil will damage the bearings of the turbocharger.

### If the master warning indicator light blinks and the engine cannot be started

Your keyless push start system remote controller may not be sensed as being within the interior workable area. Try again after checking that you have the remote controller with you. If the engine still cannot be started, the battery of the remote

controller may be discharged. To start the engine, use the following method:

### EXAMPLE



52RM30020

- 1) Check that the parking brake is set fully.
- 2) Manual transaxle - Shift into "N" (Neutral). Hold the clutch and brake pedals fully depressed.  
Automatic transaxle or CVT - If the gearshift lever is not in "P" (Park) position, shift it to "P". Hold the brake pedal fully depressed.
- 3) "PUSH START SWITCH" message will appear in the information display in the instrument cluster. Press the engine switch (1).
- 4) The master warning indicator light in the instrument cluster blinks within about 10 seconds. Touch the engine switch with "LOCK" button side of remote controller (2) for about 2 seconds.

### NOTE:

*If you still cannot start the engine after several attempts using the above method, there may be a problem elsewhere, such as a low lead-acid battery. Consult an authorized SUZUKI dealer for inspection.*

*The immobilizer/keyless push start system warning light will come on for about 5 seconds while the master warning indicator light is blinking. In addition, the information display will show a certain message during this time. Refer to "Information display" in "BEFORE DRIVING" section for details.*

*You may customize the system to cause the interior buzzer to sound once for warning that remote controller is out of sensing range. Please contact an authorized SUZUKI dealer for the customization.*

*If the battery of the remote controller is about to become completely discharged, the corresponding message will appear in the information display when you press the engine switch to change the ignition mode to "ON". For details on replacing the battery, refer to "Keyless push start system remote controller / keyless entry system transmitter (if equipped)" in "BEFORE DRIVING" section.*

## Returning ignition mode to "LOCK" (OFF)

Automatic transaxle or CVT - To ensure safety, the ignition mode can be returned to "LOCK" (OFF) by pressing the engine switch only when the gearshift lever is placed in "P" position without pressing the knob button.

### NOTE:

*In the case of an automatic transaxle or CVT, the ignition mode cannot be returned to "LOCK" (OFF) position if the gearshift lever is in any other position than "P".*

*Certain problems such as a fault in engine system may prevent the engine switch from going back to "LOCK" (OFF) mode. If this happens, have the vehicle inspected by an authorized SUZUKI dealer after doing the following:*

- Lock the doors using the key to prevent theft. (The request switches and the keyfess push start system remote controller cannot be used to lock them.)

*Disconnect the negative cable from the lead-acid battery to prevent discharge.*

"LOCK" (OFF) mode reminder buzzer  
If the driver's door is opened without returning the ignition mode to "LOCK" (OFF) by pressing the engine switch, a buzzer sounds to warn you of this condition.

- If you open the driver's door after pressing the engine switch to change the ignition mode to "ACC", the interior buzzer beeps intermittently.
- The buzzer will stop sounding if you then push the engine switch twice, thus bringing it back the ignition mode to "LOCK" (OFF).

### NOTE:

*Whenever you leave the vehicle, check that you have returned the ignition mode to "LOCK" (OFF) using the engine switch and then lock the doors. Without returning the ignition mode to "LOCK" (OFF), you cannot use a request switch or keyfess push start system remote controller to lock the doors.*

### Steering lock warning buzzer

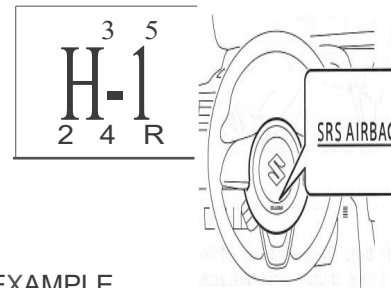
If the steering lock fails to engage due to a fault in the system when the ignition mode is turned to "LOCK" (OFF) by pressing the engine switch and any door (including the tailgate) is opened or closed, the interior buzzer will warn you of this condition with repeated short beeps. If this happens, have the vehicle inspected by an authorized SUZUKI dealer.

## Using transaxle

### A WARNING

Do not hang any items on the gearshift lever and do not use the gearshift lever as a handrest. Otherwise, it could prevent proper operation of the gearshift lever and cause its malfunction, resulting in an unexpected accident.

## Manual transaxle



EXAMPLE

79MH0303

### Starting off

To start off, depress the clutch pedal all the way to the floor and shift into 1st gear. After releasing the parking brake, gradually release the clutch. When you hear a change in the engine's sound, slowly press the accelerator while continuing to gradually release the clutch.

### Shifting

All forward gears are synchronized and provide quiet and easy shifting. Always depress the clutch pedal all the way to the floor before shifting gears. Keep the engine speed from rising into the red zone of the tachometer.

Downshifting maximum allowable speeds

#### For K10Engine models

Downshifting	km/h (mph)
2nd to 1st	23 (14)
3rd to 2nd	85 (53)
4th to 3rd	135 (84)
5th to 4th	190 (118)*

#### For K12Engine models

Downshifting	km/h (mph)
2nd to 1st	22 (13)
3rd to 2nd	80 (49)
4th to 3rd	125 (77)
5th to 4th	175 (108)*

**NOTE:*

*You may not accelerate to the maximum allowable speed because of the driving situation and/or the vehicle condition.*

#### NOTICE

Do not downshift to a lower gear at the speed faster than the maximum allowable speeds for the next lower speed, or severe damage to engine and transaxle can result.

#### WARNING

- Reduce your speed and downshift to a lower gear before going down a long or steep hill. A lower gear will allow the engine to provide braking. Avoid riding the brakes or they may overheat, resulting in brake failure.
- When driving on slippery roads, slow down before downshifting. Excessive and/or sudden changes in engine speed may cause loss of traction, which could cause you to lose control.

#### NOTICE

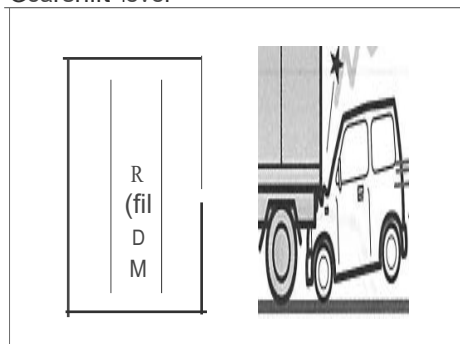
Check that the vehicle is completely stationary before you shift into reverse.

#### NOTICE

- To help avoid clutch damage, do not use the clutch pedal as a foot-rest while driving or use the clutch to keep the vehicle stationary on a slope. Depress the clutch fully when shifting.
- When shifting or starting off, do not race the engine. Racing the engine can shorten engine life and cause negative effect to smooth shifting.

## 6-Speed automatic transaxle

### Gearshift lever



52RM30250

The gearshift lever is designed so that it cannot be shifted out of "P" position unless the ignition switch is in "ON" position or the ignition mode is "ON" and the brake pedal is depressed.

Use the gearshift lever positions as follows:

#### P (Park)

Use this position to lock the transaxle when the vehicle is parked or when starting the engine. Shift into Park only when the vehicle is completely stationary.

#### R (Reverse)

Use this position to reverse the vehicle from stop. Make sure that vehicle is com-

pletely stationary before shifting into Reverse.

#### N (Neutral)

Use this position for starting the engine if the engine stalls and you need to restart it while the vehicle is moving. You may also shift into Neutral and depress the brake pedal to hold the vehicle stationary during idling.

#### O (Drive)

Use this position for all normal driving.

With the gearshift lever in "D" range you can get an automatic downshift by pressing the accelerator pedal. The higher the vehicle speed is, the more you need to press the accelerator pedal to get a downshift.

#### M (manual mode)

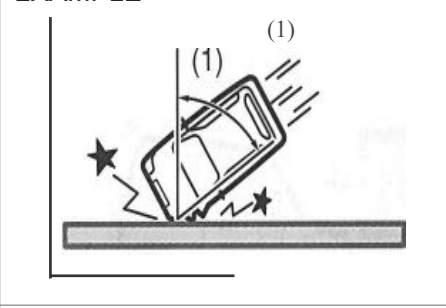
Use this position for driving in the manual mode. Refer to "Manual mode" later in this section for details on how to use the manual mode.

### A WARNING

Always depress the brake pedal before shifting from "P" (Park) (or "N" (Neutral) if the vehicle is stationary) to a forward or reverse gear, to help prevent the vehicle from moving unexpectedly when you shift.

The gearshift lever has a lock mechanism to help prevent accidental shifting. Shift the gearshift lever as follows:

### EXAMPLE



52RM30260

#### (1) knob button

	Shift with the knob button (1) pushed in and the brake pedal depressed.
DD	Shift with the knob button (1) pushed in.
{J,0,	Shift without the knob button (1) pushed in.

## NOTICE

- Do not shift the gearshift lever into "R" while moving forward, or the transaxle may be damaged. If you shift into "R" when the vehicle speed is over 11 km/h (7 mph), the transaxle will not shift into reverse.
- Be sure to take the following precautions to help avoid damage to the automatic transaxle:
  - Make sure that the vehicle is completely stationary before shifting into "P" or "R".
  - Do not shift from "P" or "N" to "R", "D" or "M" when the engine is running above idle speed.
  - Do not rev the engine with the transaxle in a drive position ("R", "D" or "M") and the front wheels not moving
  - Do not use the accelerator to hold the vehicle on a hill. Use the vehicle's brakes.

## NOTE:

- Always shift the gearshift lever without pushing in the knob button except when you shift from "P" to "R", from "O" to "M", from "N" to "R" or from "R" to "P". If you always push in the knob button when shifting the gearshift lever, you could shift into "P", "R" or "M" by mistake.
- If driver's or passenger's knee hits the gearshift lever while driving, the lever could move and the gear could be changed unexpectedly.

## Manual mode

The automatic transaxle can shift gears automatically. When using the manual mode, you can shift gears in the same manner as conventional manual transaxle. To use the manual mode, shift the gearshift lever from "D" to "M".

## EXAMPLE



52RM30270

## EXAMPLE

(1) (2)  
**lfi**

52RM30030

- (1) Manual mode indicator
- (2) Gear position

The information display shows the manual mode indicator and the current gear position.

## NOTE

- The indicated gear position in the information display when you shift from "O" to "M" is the gear position that was selected automatically when the gearshift lever was in "O".
- You can change to the manual mode temporarily by pulling the shift paddle on the steering wheel toward you when the gearshift lever is in "O".

## Shifting in the manual mode

You can shift gears from 1st to 6th depending on driving speed.

## OPERATING YOUR VEHICLE

### NOTE:

*When the engine is revved, the gear is shifted up automatically to prevent damage to the engine and the transaxle.*

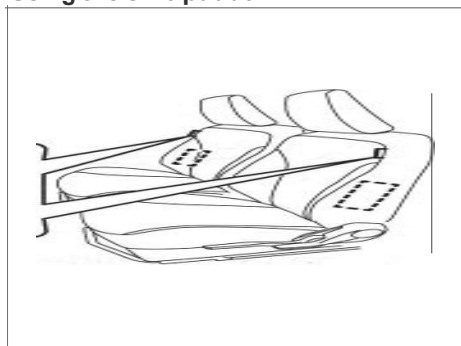
*When the driving speed becomes slow, the gear shifts down automatically, and when the vehicle stops, the gear position will be in 1st gear without shifting the gearshift lever.*

*If you depress the accelerator pedal a certain amount, the gear shifts down automatically even if the gearshift lever is in the manual mode.*

### NOTE:

*When you change gear, sometimes the transaxle may not shift to the desired gear but a buzzer sounds instead. This is to maintain good drivability and to protect the transaxle.*

### Using the shift paddle



52RM30280

To shift up, pull "+" side shift paddle, located on right side of the steering wheel, toward you. When you release your finger from the switch, the switch will return to the original position.

To shift down, pull "-" side shift paddle, located on left side of the steering wheel, toward you. When you release your finger from the switch, the switch will return to the original position.

### NOTE:

- *To shift gears continuously, release your finger from the shift paddle, then pull the shift paddle again. You cannot shift gears continuously while holding the shift paddle toward you.*
- *When you pull the both "+" and "-" shift paddle simultaneously, the gear may not shift.*

### Canceling the manual mode

To cancel the manual mode, shift the gearshift lever from "M" to "D".

### Temporary manual mode

Pull the shift paddle toward you when driving with the gearshift lever in "D". The information display shows the manual mode indicator and the current gear position.

### EXAMPLE (1) (2)

**B**

52RM30030

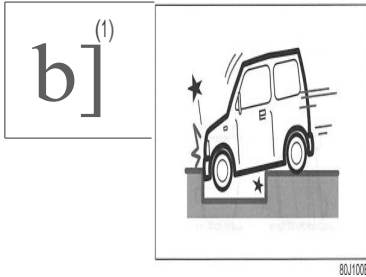
- (1) Manual mode indicator
- (2) Gear position

The temporary manual mode will be canceled automatically in the following situations.

- When you press and hold the accelerator pedal for a certain period of time without shifting gears.
- When driving speed becomes slow.

## If you cannot shift automatic transaxle gearshift lever out of "P" (PARK)

### Left hand drive vehicle



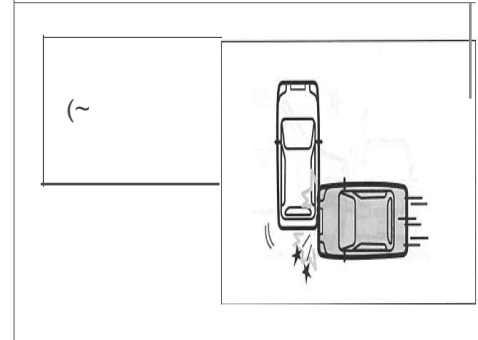
52RM30290

The automatic transaxle vehicles have an electrically operated park-lock feature. If the vehicle's lead-acid battery is discharged, or there is some other electrical failure, the automatic transaxle cannot be shifted out of Park in the normal way. Jump starting may correct the condition. If not, follow the procedure described below. This procedure will permit shifting the transaxle out of Park.

- 1) Be sure the parking brake is firmly applied.
- 2) If the engine is running, stop the engine.
- 3) Make sure the key is in "ON" or "ACC" position, or the ignition mode is "ON" or "ACC".
- 4) Remove the cover (1) over the button.
- 5) With the release button (1) pushed by the key or the flat end rod, push the knob button (2) and shift the gearshift lever to the desired position.

This procedure is for emergency use only. If repeated use of this procedure is necessary, or the procedure does not work as described, take your vehicle to an authorized SUZUKI dealer for repair.

### Right hand drive vehicle



52RM30300

The automatic transaxle vehicles have an electrically operated parklock feature. If the vehicle's lead-acid battery is discharged, or there is some other electrical failure, the automatic transaxle cannot be shifted out of Park in the normal way. Jump starting may correct the condition. If not, follow the procedure described below. This procedure will permit shifting the transaxle out of Park.

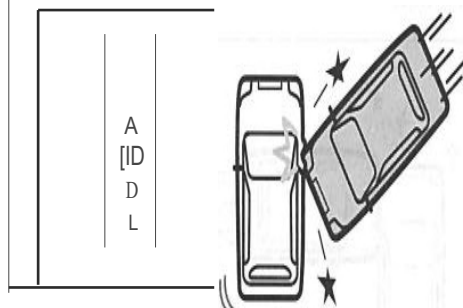
## OPERATING YOUR VEHICLE

- 1) Be sure the parking brake is firmly applied.
- 2) If the engine is running, stop the engine.
- 3) Make sure the key is in "ON" or "ACC" position, or the ignition mode is "ON" or "ACC".
- 4) With the release button (1) pushed, push the knob button (2) and shift the gearshift lever to the desired position.

This procedure is for emergency use only. If repeated use of this procedure is necessary, or the procedure does not work as described, take the vehicle to an authorized SUZUKI dealer for repair.

### Continuously Variable Transaxle (CVT)

#### EXAMPLE



(1) S (sport) mode switch



(2) Sport mode indicator

### S (sport mode switch)

The sport mode switch (1) is used to turn on and off the sport mode.

To turn on the sport mode, push in the switch and sport mode indicator (2) in the instrument cluster will come on. To turn off the sport mode, push in the switch again and sport mode indicator will go off.

When the engine restarts, the sport mode is turned to the off automatically.

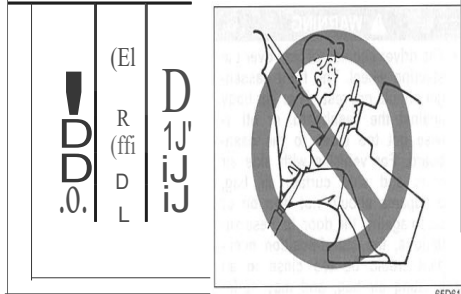
The sport mode is suitable for the following driving conditions:

- Driving on hilly, winding roads
  - You can drive more smoothly with less frequent gear changing
- Going down a steep hill
  - Some engine braking is provided

68PM00308

## Gearshift lever

### EXAMPLE



(1) Knob button

The gearshift lever is designed so that it cannot be shifted out of "P" position unless the ignition switch is in "ON" position or the ignition mode is "ON" and the brake pedal is depressed.

### A WARNING

Always depress the brake pedal before shifting from "P" (Park) (or "N" (Neutral) if the vehicle is stationary) to a forward or reverse gear, to help prevent the vehicle from moving unexpectedly when you shift.

The gearshift lever has a lock mechanism to help prevent accidental shifting. To shift the gearshift lever:

●	Shift with the knob button (1) pushed in and the brake pedal depressed.
○ ○	Shift with the knob button (1) pushed in.
○ ○	Shift without the knob button (1) pushed in.

### NOTE:

*Always shift the gearshift lever without pushing in the knob button (1) except when you shift from "P" to "R", from "O" to "L", from "N" to "R" or from "R" to "P". If you always push in the knob button (1) when shifting the gearshift lever, you could shift into "P", "R" or "L" by mistake. If driver's or passenger's knee hits the gearshift lever while driving, the lever could move and the gear could be changed unexpectedly.*

Use the gearshift lever positions as described below:

### P (Park)

Use this position to lock the transaxle when the vehicle is parked or when starting the engine. Shift into Park only when the vehicle is completely stationary.

### R (Reverse)

Use this position to reverse the vehicle from stop. Make sure that vehicle is completely stationary before shifting into Reverse.

### NOT/CE

Do not shift the gearshift lever into "R" while moving forward, or the transaxle may be damaged. If you shift into "R" when the vehicle speed is over 10 km/h (6 mph), the transaxle will not shift into reverse.

### N (Neutral)

Use this position for starting the engine if the engine stalls and you need to restart it while the vehicle is moving. You may also shift into Neutral and depress the brake pedal to hold the vehicle stationary during idling.

### D (Drive)

Use this position for all normal driving.

With the gearshift lever in "D" range you can get an automatic downshift by pressing the accelerator pedal. The higher the vehicle speed is, the more you need to press the accelerator pedal to get a downshift.

## L (Low)

Use this position to provide maximum power when climbing steep hills or driving through deep snow or mud, or to provide maximum engine braking when going down steep hills.

### NOTE:

*If you move the gearshift lever to a lower gear while driving (aster than the maximum allowable speed for the lower gear, the transaxle wi/1 not actual/y downshift until your speed drops below the maximum speed for the lower gear.*

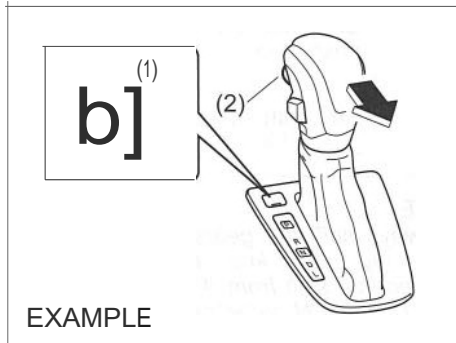
### NOT/CE

Be sure to take the following precautions to help avoid damage to the CVT:

- Make sure that the vehicle is completely stationary before shifting into "P" or "R".
- Do not shift from "P" or "N" to "R", "D", or "L" when the engine is running above idle speed.
- Do not rev the engine with the transaxle in a drive position ("R", "D", or "L") and the front wheels not moving.
- Do not use the accelerator to hold the vehicle on a hill. Use the vehicle's brakes.

## If you cannot shift CVT gearshift lever out of "P" (PARK)

### Left hand drive vehicle



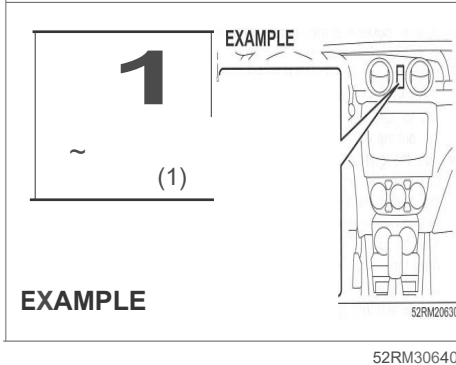
52RM30630

Vehicles with a CVT have an electrically operated park-lock feature. If the vehicle's lead-acid battery is discharged, or there is some other electrical failure, the CVT cannot be shifted out of Park in the normal way. Jump starting may correct the condition. If not, follow the procedure described below. This procedure will permit shifting the transaxle out of Park.

- 1) Be sure the parking brake is firmly applied.
- 2) If the engine is running, stop the engine.
- 3) Make sure the key is in "ON" or "ACC" position, or the ignition mode is "ON" or "ACC".
- 4) Remove the cover (1) over the button.
- 5) With the release button (1) pushed by the key or the flat end red, push the knob button (2) and shift the gearshift lever to the desired position.

This procedure is for emergency use only. If repeated use of this procedure is necessary, or the procedure does not work as described, take the vehicle to an authorized SUZUKI dealer for repair.

## Righthand drive vehicle



Vehicles with a CVT have an electrically operated park-lock feature. If the vehicle's lead-acid battery is discharged, or there is some other electrical failure, the CVT cannot be shifted out of Park in the normal way. Jump starting may correct the condition. If not, follow the procedure described below. This procedure will permit shifting the transaxle out of Park.

- 1) Be sure the parking brake is firmly applied.
- 2) If the engine is running, stop the engine.
- 3) Make sure the key is in "ON" or "ACC" position, or the ignition mode is "ON" or "ACC".
- 4) With the release button (1) pushed, push the knob button (2) and shift the gearshift lever to the desired position.

This procedure is for emergency use only. If repeated use of this procedure is necessary, or the procedure does not work as described, take your vehicle to an authorized SUZUKI dealer for repair.

## Gearshift indicator

### EXAMPLE



52RM30410

In the following cases, the gearshift indicator is indicated in the information display when the ignition switch is in "ON" position or the ignition mode is "ON".

- For manual transaxle vehicle, when the gearshift lever is in a position other than "N" (Neutral).
- For automatic transaxle vehicle, when using the manual mode.
- For vehicles equipped with the cruise control, when the system is not in use.

## OPERATING YOUR VEHICLE

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The electronic control system monitors driving condition (such as vehicle speed and/or engine revolution), and it shows which gear position is optimal for your driving with the indication on the display.

### **Manual transaxle vehicle**

If UP/DOWN arrow is indicated in the display while driving, we recommend you to shift up or down the gear. It is the optimal gear position for a driving condition that reduces the over revolution and stress to the engine, and improves fuel consumption.

### **Automatic transaxle vehicle (when using the manual mode)**

If UP arrow is indicated in the display while driving, we recommend you to shift up the gear until the arrow disappears. It is the optimal gear position for a driving condition that reduces the over revolution and stress to the engine, and improves fuel consumption.

For details on how to use the transaxle, refer to "Using the transaxle" in this section.

### **A WARNING**

**The gearshift indicator is designed to indicate optimal gear position for your driving; however, a driver will not be relieved from the duty of care of driving operation or gear change with this indicator.**

**To drive safe, do not gaze the gearshift indicator; pay attention to your driving situation and shift up or down if necessary.**

### **NOTE:**

*For manual transaxle vehicle, the gearshift indicator is not indicated when the gear position is in "N" (Neutral).*

*For manual transaxle vehicle, if you depress the clutch pedal while UPI/DOWN arrow is indicated, the indication wi/1 disappear.*

*In ordinary driving, UP arrow wi/1 disappear when you release your foot from the accelerator pedal.*

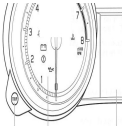
*If your vehicle is equipped with the adaptive cruise control and while it is working, however, UP/DOWN arrow (for manual transaxle vehicle) or UP arrow (for automatic transaxle vehicle, when using the manual mode) may be indicated continuously depending on driving conditions. It means that the indicated gear position is optimal for the current cruising speed.*

*The indication of gearshift indicator timing may differ depending on the vehicle condition and/or driving situation even in the same vehicle speed and engine revolution.*

*If any of the electrical systems such as radar brake support system, dual sensor brake support system, or ESP system is working, the gearshift indicator wi/1 disappear temporarily.*

Example of the gearshift indicator

Manual transaxle

Indication	Description
	Lower gear position is selected for the vehicle speed and/or engine revolution. Changing to a higher gear position is recommended.      • In this case, shifting up is recommended.
	Higher gear position is selected for the vehicle speed and/or engine revolution. Changing to a lower gear position is recommended.      • In this case, shifting down is recommended.

Automatictransaxle (when using the manual mode)

Indication	Description
	Lower gear position is selected for the vehicle speed and/or engine revolution. Changing to a higher gear position is recommended.      • In this case, shifting up 3rd or upper gear position is recommended.

## SHVS (Smart HybridVehicle by Suzuki) (if equipped)

SHVS has an Integrated Starter Generator (ISG) instead of conventional generator to get a better fuel consumption.

Integrated Starter Generator (ISG) is a generator which incorporates a motor function.

The ISG has the following 3 functions.

- Deceleration energy regenerating function
- Engine power assist function
- Starter motor function

### Deceleration energy regenerating function

#### EXAMPLE



52RM30420

While decelerating your vehicle, the ISG generates electricity without engine power. This reduces engine loads and improves fuel consumption.

While decelerating your vehicle, deceleration energy regenerating function will be activated when the following conditions are satisfied.

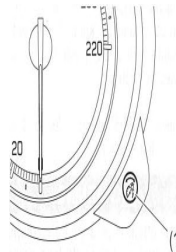
- Gearshift lever is not in "N" (Neutral).
  - Clutch pedal is not depressed.
  - Engine speed is more than 950 rpm.
  - Inside temperature of lead-acid battery is in normal condition.
  - Lithium-ion battery is not fully charged and inside temperature is in normal condition.
- etc.

#### NOTE:

The deceleration energy regenerating function may not work depending on vehicle conditions.

### Engine power assist function

#### EXAMPLE



52RM30430

While the vehicle is running, ISG assists engine power as a motor in the following limited condition. This reduces engine loads and improves fuel consumption.

While the vehicle is running with the engine speed at approximately 39~0 rpm, or less, engine power assist function will be activated when all of the following conditions are satisfied.

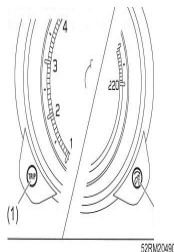
- SHVS system and ENG A-STOP system are working properly. ("ENG A-STOP OFF" indicator light is not blinking.)
- Clutch pedal is not depressed. ESP® is not activated.
- Accelerator pedal is excessively depressed.
- Lead-acid battery and lithium-ion battery are fully charged and each inside temperature is in normal condition.
- Engine coolant temperature is in normal condition.
- ISG inside temperature is in normal condition.

#### NOTE:

The engine power assist function may not work depending on vehicle conditions.

## Starter motor function

### EXAMPLE



52RM30440

After the engine auto stop by the ENG A-STOP system, the engine will be restarted using a cranking power of the ISG.

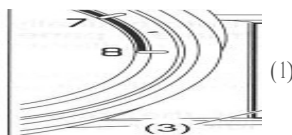
The starting with the ISG is quiet compared with starting by the conventional starter motor.

### NOTE:

When you restart the engine by pushing the engine switch, the conventional starter motor is used and you will hear a gear engagement sound.

## Lithium-ion battery indication

### EXAMPLE



68PM00360

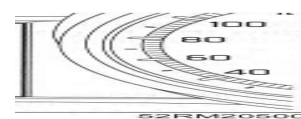
The segments in the lithium-ion battery indicator (1) give an approximate indication of the charge of the lithium-ion battery. The number of segments that appear in the indication increases or decreases with the charge of the lithium-ion battery.

### NOTE:

The indicator gives an approximate indication. The indication may be delayed or differ from the actual charge of the lithium-ion battery under certain conditions, for example, when the outside temperature is low. Also, the minimum segment is 1 bar and the bar will never be 0. Even when 1 bar is shown, the battery level may be close to be flat.

## "ENG A-STOP OFF" indicator

### EXAMPLE



52RM30460

If this indicator blinks when driving, there may be something wrong with the ENG A-STOP system or the SHVS system. You should have the system inspected by an authorized SUZUKI dealer.

## ENGA-STOP system (engine auto stop start system) (if equipped)

The ENG A-STOP system (engine auto stop start system) automatically stops the engine while waiting briefly at a traffic light, etc., or decelerating to a stop, and automatically restarts the engine afterward. This system helps reduce emissions, improve fuel consumption and lower engine noise.

This system stops the engine temporarily under specific conditions. Before parking the vehicle for an extended period of time or leaving the vehicle, properly apply the parking brake and stop the engine with the engine switch.

Once the specific conditions are met, the engine will stop automatically while the vehicle is decelerating to a stop (traveling at approximately 15 km/h (9 mph) or less). However, the engine will not be stopped automatically during deceleration until confirmation of the system function is finished.

### NOTE:

*If your vehicle is equipped with the auto air conditioning system, you can change the automatic engine stop condition via the information display. Refer to "Information display" in "BEFORE DRIVING" section.*

### A. CAUTION

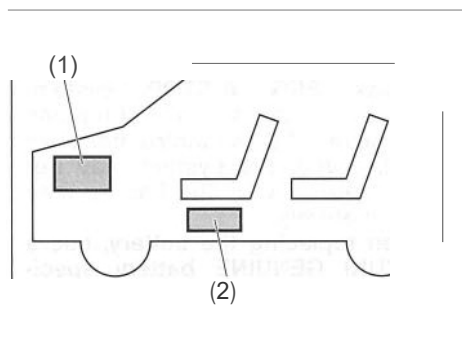
- Do not get out of the vehicle while the engine is automatically stopped by the ENG A-STOP system. Doing so may lead to an unexpected accident.  
If the driver's seat belt is unfastened or the driver's door is opened, the engine will restart.
- If the engine does not restart automatically after having been stopped automatically by the ENG A-STOP system, push the engine switch to start the engine.  
Trying to move the vehicle when the engine has not yet restarted requires a strong force to turn the steering wheel or depress the brake pedal, potentially leading to an unexpected accident.

### NOTICE

The vehicle equipped with this system uses a dedicated high-performance lead-acid battery that supports ENG A-STOP system. Accordingly, observe the instructions listed below. If these instructions are not observed, the system may not actuate properly or the battery may die prematurely.

- When replacing the battery, use a SUZUKI GENUINE battery specified in the Specification.
- Do not draw power from the battery terminals for electrical products.

## Lithium-ion battery



68PM00368

- (1) Battery (lead-acid battery)  
(2) Lithium-ion battery

This lithium-ion battery is used exclusively for the vehicle equipped with ENG A-STOP system or SHVS, and located below the front left side seat.

- Just like a battery (lead-acid battery), the lithium-ion battery also discharges gradually.
- To prevent the lithium-ion battery from dying, you must charge the lithium-ion battery by driving continuously for at least 30 minutes once a month.
- The lithium-ion battery is maintenance-free.
- To replace or dispose of the lithium-ion battery, consult an authorized SUZUKI dealer.

## A WARNING

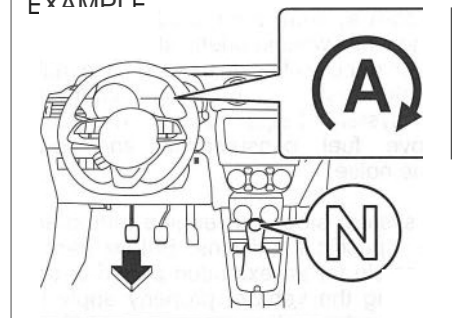
Wrong handling of the lithium-ion battery may result in fire, electric shock or system malfunction. Accordingly, observe the instructions listed below:

- Do not dismount or disassemble the lithium-ion battery.
- Do not let the lithium-ion battery come in contact with water or other liquids.
- Do not apply strong impact on the lithium-ion battery.
- Do not step on the lithium-ion battery or put articles on the lithium-ion battery.
- Do not disconnect the lithium-ion battery terminals or draw power from the terminals for electrical products.

## Automatic stopping/restarting of the engine

- 1) With the brake pedal depressed, decelerate the vehicle.

### EXAMPLE



52RM30150

- 2) When decelerating at approximately 15 km/h (9 mph) or less with the clutch pedal depressed and the gearshift lever shifted to "N", and then release the clutch pedal, the engine will stop automatically.
- The "ENG A-STOP" indicator (green) (1) will come on.
- The ENG A-STOP system will not stop the engine automatically if all the automatic engine stop conditions are not met.
- For details, refer to the section, "Automatic engine stop conditions".

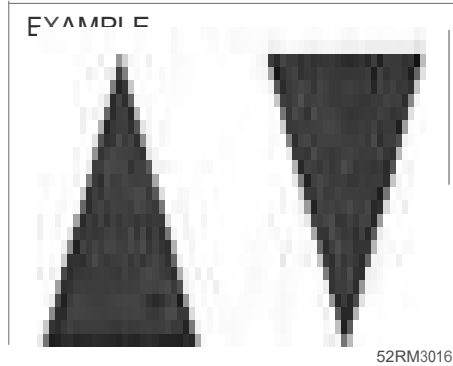
- During the automatic engine stop, the engine may shut down, accompanied by an interior buzzer or restarted, to ensure safety.  
For details, refer to the section, "Points to note during the automatic engine stop".

#### NOTICE

During the automatic engine stop, do not shift the gearshift lever to a position other than "N" without depressing the clutch pedal. If the gear shift lever is in a position other than "N", the engine will not restart automatically even if the clutch pedal is depressed.

#### NOTE:

- Engine auto stop function during deceleration will be ready once the vehicle runs at a speed exceeding 10 km/h (6 mph) after restart of the engine.
- Even if the engine did not stop automatically before the vehicle came to a stop (still traveling at approximately 15 km/h (9 mph) or less), the engine may stop automatically once the vehicle stops.
- The audio and other electrical component can be used during the automatic engine stop, but the air conditioner will switch to the fan mode.
- If the vehicle is equipped with an auto air conditioner, the fan speed will be limited during the automatic engine stop (only in the auto control mode) to keep the cabin air-conditioned for a longer time.



- 3) Regardless of whether the vehicle has stopped or not, depressing the clutch pedal will restart the engine and "ENG A-STOP" indicator (green) (1) will go off.

While the engine is stopped automatically, depressing the clutch pedal will restart the engine consuming fuel. Therefore, for fuel economy, it is recommended to depress the clutch pedal just before the vehicle start.

- Without depressing the clutch pedal, the engine may restart automatically if the automatic engine restart conditions are met.  
For details, refer to the section, "Automatic engine restart conditions".

- When restarting the engine, keeping brake force temporarily prevents the vehicle from moving forward by the creeping function. Also, this prevents the vehicle from rolling downward on a hill.  
For details, refer to the section "Hill hold control system".

#### NOTE:

When the engine is restarted automatically, the following conditions may be found as the hill hold control system is activated, but this is not a malfunction.

- You may hear a sound from the engine room.
- As the brake pedal becomes heavy, it may be difficult for you to depress it.

## OPERATING YOUR VEHICLE

### Points to note during the automatic engine stop

When the following operations are performed during the automatic engine stop, the engine may shut down, accompanied by an interior buzzer or restarted, to ensure safety.

- When the hood is opened, an interior buzzer will sound intermittently and the engine will come out of the automatic engine stop mode and shut down. The "ENG A-STOP" indicator (green) will go off.
- When the driver releases the seat belt or opens the driver's door, the engine will restart automatically. The "ENG A-STOP" indicator (green) will blink for approximately 5 seconds and then go off.
- During the automatic engine stop, if the gearshift lever is shifted to a position other than "N" without depressing the clutch pedal and open the driver's door with the driver's seat belt unfastened, an interior buzzer will sound and the engine will shut down without control of automatic engine stop. The "ENG A-STOP" indicator (green) will go off.

#### NOTE:

*The power steering warning light, oil pressure warning light and charge warning light on the meter panel do not come on during the automatic engine stop, but they will come on once the engine shuts down.*

### Actuation conditions for ENG A-STOP system

#### Standby conditions

When all of the following conditions are met while the vehicle is traveling, ENG A-STOP system will be permitted:

- The engine is started with the hood completely closed.
- The "ENG A-STOP OFF" switch has not been pressed to deactivate the ENG A-STOP system.
- The lead-acid battery and the lithium-ion battery are fully charged and the temperature inside the lead-acid battery or the lithium-ion battery is within the specified range (#1).
- The engine has warmed up and the engine coolant temperature is within the specified range.
- The driver is wearing seat belts.
- The driver's door is completely closed.
- The hood is completely closed.
- No electronically controlled system besides the ENG A-STOP system is issuing a signal to inhibit stopping of the engine (#2).

<Vehicle equipped with auto air conditioner>

- The temperatures at air-conditioner outlets are sufficiently low in the cooling mode or sufficiently high in the heating mode.
- The defroster switch is in "OFF" position.

- #1 If the vehicle has not been in use for an extended period of time or the audio or other electrical component was used for an extended period of time while the engine was stopped, the battery may have discharged and it may take some time before the standby mode is achieved.
- #2 If any of the warning and indicator lights affecting the ENG A-STOP system come on, the engine will not be stopped automatically.

#### Automatic engine stop conditions

When all of the following conditions are met under the standby conditions, the engine will stop automatically when the vehicle is decelerating to a stop or after the vehicle has stopped:

- The gearshift lever is in "N" (Neutral) position.
- The clutch pedal is released.
- The vehicle has decelerated to approximately 15 km/h (9 mph) or below.
- The accelerator pedal is not depressed. Neither the ABS nor ESP® is in operation.
- The negative pressure of the brake booster is normal.

### Automatic engine restart condition

If one of the following operations is performed or the vehicle enters one of the following modes during the automatic engine stop, the engine will restart automatically and the "ENG A-STOP" indicator (green) will go off:

#### Common

The clutch pedal is depressed.

The "ENG A-STOP OFF" switch is pressed to deactivate the ENG A-STOP system.

The lead-acid battery or the lithium-ion battery has discharged substantially (#).

A malfunction of the system is detected (#).

The negative pressure of the brake booster has dropped (#).

<Vehicle equipped with auto air conditioner>

The temperatures at air conditioner outlets have changed considerably after the automatic engine stop to the point of affecting the cooling/heating performance(#).

The temperature selector has been turned considerably to the COOL side in the cooling mode or to the HOT side in the heating mode (#).

The defroster switch is turned to "ON" position (#).

### When decelerating/Traveling at approximately 15 km/h (9 mph) or less)

- The hood is opened.
- The vehicle increases the speed caused by a slope (#).

### When stationary

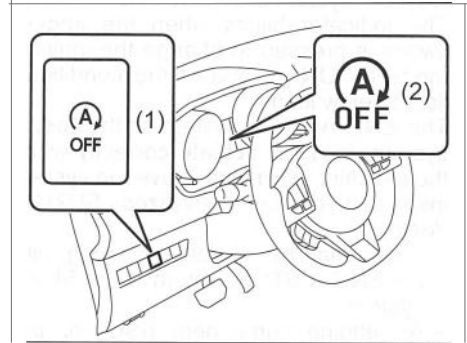
- The driver releases the seat belt (#).
- The driver's door is opened (#).
- The vehicle starts to move on a slope, etc.(#).
- Some time (3 minutes or so) has elapsed after the start of the automatic engine stop (#).

# The "ENG A-STOP" indicator (green) will blink and then go off.

### "ENG A-STOP OFF" switch

The ENG A-STOP system can be deactivated.

- To deactivate the system, press the "ENG A-STOP OFF" switch (1) to turn on "ENG A-STOP OFF" indicator (2).
- To activate the system once again, press the switch (1) again to turn off the indicator.
- Every time the engine is stopped manually, the system is enabled again and the "ENG A-STOP OFF" indicator (2) goes off.



52RM30170

#### NOTE:

Pressing the "ENG A-STOP OFF" switch (1) during the automatic engine stop will restart the engine automatically and the "ENG A-STOP OFF" indicator (2) will come on.

### "ENG A-STOP OFF" indicator

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52RM30460

This indicator comes on in the information display.

- This indicator comes on when the ENG A-STOP system is deactivated.
- The indicator blinks when the engine switch is pressed to change the ignition mode to "ON", if one of the conditions listed below is met.

The ENG A-STOP system or the SHVS system does not actuate correctly while the indicator is blinking. Have the system inspected by an authorized SUZUKI dealer.

- There may be something wrong with the ENG A-STOP system or the SHVS system.
- An engine component (ISG) or the lead-acid battery is due for replacement.

#### NOTE:

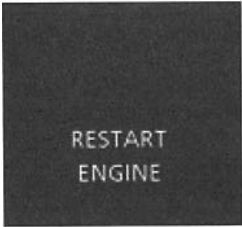
*If the indicator blinks during the automatic engine stop, the engine may shut down.*

## Information message

The information display shows the messages to let you know certain problems of the ENG A-STOP system.

Information message	Cause and remedy
  52RM30650	The ENG A-STOP system cannot stop the engine automatically because something of the actuation conditions is not met. For details, refer to "Actuation conditions for ENG A-STOP system" described above.
  52RM30660	The engine is restarting automatically because one of the following automatic engine restart conditions is met.       • The temperatures at air conditioner outlets have changed considerably after the automatic engine stop to the point of affecting the cooling/heating performance.     • The defroster switch is turned to "ON" position.     • The lead-acid battery has discharged substantially.     • Some time has elapsed after the start of the automatic engine stop.
  52RM30890	The engine restarted automatically because one of the following automatic engine restart conditions is met.       • The negative pressure of the brake booster has dropped.     • The driver's seat belt is released.     • The driver's door is opened.

## OPERATING YOURVEHICLE

Information message	Cause and remedy
  ENGINE RESTARTED   52RM30670	The engine restarted automatically because one of the following automatic engine restart conditions is met.       • The defroster switch is turned to "ON" position.     • The vehicle is started to move on a slope, etc.
  RESTART ENGINE   52RM30680	The engine shut down because one of the following operations is performed during the automatic engine stop.       • The hood is opened.     • The gearshift lever is shifted to a position other than "N" without depressing the clutch pedal and opened the driver's door with the driver's seat belt unfastened.       Restart the engine by usual operation. Refer to "Starting engine (vehicle without keyless push start system) (if equipped)" or "Starting engine (vehicle with keyless push start system) (if equipped)" in this section for details.
  SELECT NEUTRAL AND DEPRESS CLUTCH   52RM30690	The gearshift lever is shifted to a position other than "N" (Neutral) position without depressing the clutch pedal during the automatic engine stop.   To restart the engine, place the gearshift lever in "N" (Neutral) position and depress the clutch pedal.

## Adaptive cruise control system(if equipped)

The adaptive cruise control system allows you to maintain a steady speed without keeping your foot on the accelerator pedal. You can use the adaptive cruise control system under the following conditions:

- Driver's seat belt is fastened.
- Open door warning light is off.
- Parking brake is completely released.
- Speed limiter is not used.
- For manual transaxle vehicle, the gear position is in 3rd, 4th, 5th.
- For automatic transaxle vehicle, the gear-shift lever is in "D" position, or the gear position is in 3rd, 4th, 5th or 6th in the manual mode.
- For CVT vehicle, the gearshift lever is in "D" position.
- The vehicle speed is about 40 km/h (25 mph) or higher.
- ESP OFF switch is not pushed and the system is not turned off.

### A WARNING

Deceleration control by the adaptive cruise control system is limited. Therefore, you are requested to pay enough attention for safety driving, by checking the surrounding traffic always and operating brake pedal and/or accelerator pedal as necessary.

The adaptive cruise control system has the following four controls.

- (1) Constant-speed control  
{There is no vehicle ahead}

### EXAMPLE

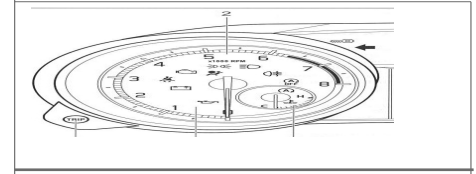


54P000342

Your vehicle cruises at the set speed.

- The vehicle speed can be set between 40 km/h (25 mph) to 160 km/h (100 mph).

- (2) Deceleration control  
(A vehicle ahead is within radar range and going slower than the set speed)



54P000343

Your vehicle slows down, and maintains the same speed as the speed of the vehicle ahead to maintain the following distance.

- Possible detecting distance between your vehicle and a vehicle ahead is within about 100 m (328 ft).

- (3) Following control  
(A vehicle ahead is within radar range and going at a steady speed)

### EXAMPLE



54P000344

Your vehicle follows the vehicle ahead, keeping a constant distance, without exceeding the set speed.

## OPERATING YOUR VEHICLE

### NOTE:

When your vehicle is getting close to the vehicle ahead while deceleration control or following control is functioning, a frontal collision warning is activated.

When operating brake pedal during following control, you might feel that a brake is heavy. However, this is normal in the brake system. This occurs because of the feature of adaptive cruise control system.

- (4) Acceleration control  
(A vehicle ahead goes out of range)



### EXAMPLE

54P000345

The adaptive cruise control system accelerates your vehicle to the set speed, and then maintains it.

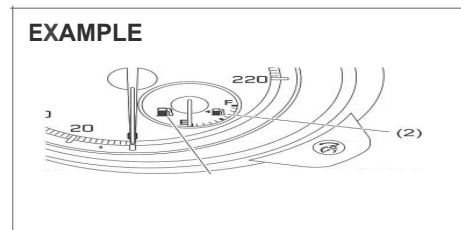
### Situations where radar will not activate properly

**Do not use the adaptive cruise control system under the following situations. Otherwise, the system will not function properly and unexpected accidents may occur**

Under the following situations, there is a high possibility that deceleration control, following control and acceleration control will not function properly, even if a vehicle ahead is within radar range.

- When vehicle is driven in a traffic jam
- When vehicle is driven on sharp curves
- When vehicle is driven on slippery road such as ice or snow-covered road
- When vehicle is driven on steep hill

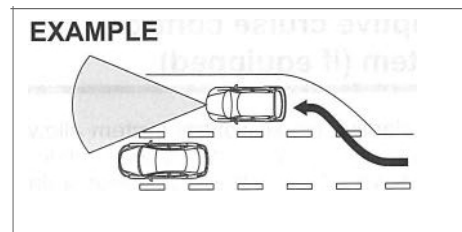
### EXAMPLE



54P000376

- When vehicle is driven on the road with many steep uphill and downhill
- When your vehicle is towing a trailer

### EXAMPLE



54P000374

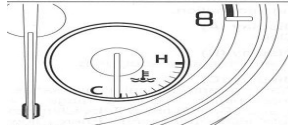
- Highway gate  
When the vehicle cannot move in a straight manner without consistently steering, due to an accident or breakdown
- When the vehicle is running left turn lane or right turn lane
- When the radiator grill or front bumper hit a hard object
- When the system is temporarily stopped or malfunctioning, some of the following indicator and messages will come on:
  - Adaptive cruise control system warning light
  - "INSPECT CRUISE SYSTEM" message
  - "CRUISE SYSTEM: NOT ACTIVE BY SENSOR." message
  - "RADAR BRAKE SUPPORT SYSTEM INSPECTION REQUIRED" message
  - "CRUISE SYSTEM TEMPORARILY DISABLED" message

## Situations where radar may not activate properly

Under the following situations, the radar may not detect a vehicle ahead correctly and frontal collision warning may not function. You need to decelerate the vehicle operating brakes as necessary.

- When a vehicle ahead is running slowly or stopping at the end of the line in a traffic jam or the tollgate
- When the vehicle is approaching repair road
- While running inside of tunnel
- When the radar sensor cover is covered in snow, water or dirt
- When there is bad weather such as rain or fog, a blizzard or sandstorm or when the vehicle in front of you is surrounded by water, snow or sand
- A vehicle ahead has extremely small rear end area such as an unloaded trailer
- When your vehicle is weighed down by heavy items in the luggage compartment or rear seat
- When your vehicle is running at 160 km/h (100 mph) or higher speed
- When a vehicle ahead is cutting in suddenly

### EXAMPLE



54P000375

- When the bicycles or motorcycles are running on the edge of your lane

### A WARNING

**Always drive safely with proper driving operations depending on traffic situation**

## Situations where radar may activate properly

Under the following situations, the radar system detects a vehicle on the neighboring lane or roadside objects and frontal collision warning may function.

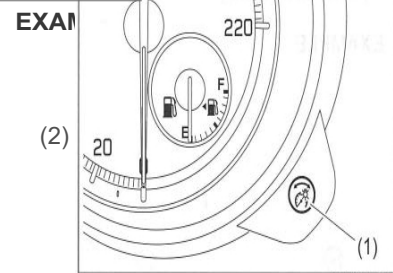
- At a corner or narrow traffic lane
- The vehicle position in your lane is unstable due to steering operation etc.
- Objects protruding from the road's surface such as manhole covers and other metal objects, as well as falling objects or level changes in the road

### A WARNING

**Always drive safely with proper driving operations depending on traffic situation**

## Setting cruising speed

### Adaptivecruise control switch



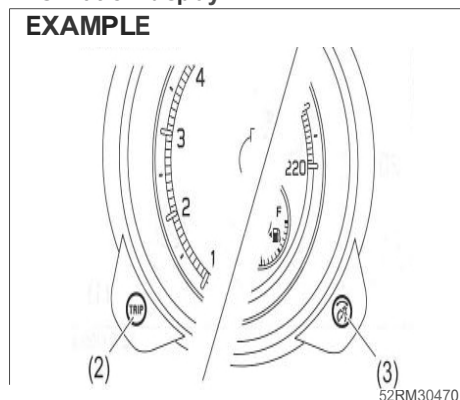
52RM20560

52RM30180

- (1) Following distance setting switch
- (2) Cruise switch
- (3) "CANCEL" switch
- (4) "RES +/SET-" switch

## Information display

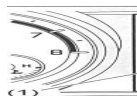
### EXAMPLE



- (5) Following distance indicator
  - (6) Adaptive cruise control indicator
  - (7) "SET" indicator
  - (8) Vehicle ahead detecting indicator
  - (9) Set speed indication
- 1) Turn on the adaptive cruise control system by pushing cruise switch (2). When the adaptive cruise control indicator (6), following distance indicator (5) and vehicle ahead detecting indicator (8) come on or appear in the information display, you can set cruising speed.
  - 2) Accelerate or decelerate to the desired speed.

- 3) Pull down the "RES +/SET -" switch (4), "SET" indicator (7) and set speed indication (9) appears in the information display.

Take your foot off the accelerator pedal and the set speed will be maintained. At this time, vehicle ahead detecting indicator (8) will vary as follows, depending on the presence or absence of the vehicle ahead.



A vehicle ahead is not detected. In this case, your vehicle is in the state of constant-speed control.



A vehicle ahead is detected. In this case, your vehicle is in the state of deceleration control and following control.

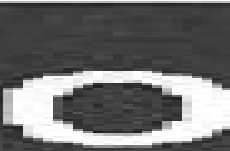
## A WARNING

**If the cruising speed is accidentally set, you could lose control of the vehicle. This could lead to an accident resulting in severe injury or death.**

**Turn off the adaptive cruise control system and check that the adaptive cruise control indicator (6) disappears when the system is not in use.**

Changing following distance

While adaptive cruise control indicator (6) is displayed, you can adjust a following distance between your vehicle and the vehicle in front of you as follows, by pressing following distance setting switch (1).

Indication	Description
	Short   A following distance will be kept shorter, compared with Middle setting.
	Middle   This is an initial setting. When your vehicle is driven at 80 km/h (50 mph), a following distance will be kept as about 40 m (131 ft).
	Long

- NOTE:
- When turning off the engine, the previously set distance in the memory is canceled and the system is initialized.
  - An appropriate following distance will vary depending on vehicle speed.

### Changing speed temporarily

When the cruising speed is maintained, you can temporarily accelerate or decelerate.

To accelerate, depress the accelerator pedal. When you take your foot off the pedal, your vehicle will return to the set speed.

To decelerate depress the brake pedal. The set speed will be canceled and "SET" indicator (7) will disappear. To resume the previously set speed, pull up the "RES +/SET-" switch (4) and turn on "SET" indicator (7) again when vehicle speed is above about 40 km/h (25 mph). The vehicle will accelerate to the previously set speed and maintain its speed.

### Changing cruising speed

#### Using the accelerator pedal

To reset at a faster cruising speed, accelerate to the desired speed using the accelerator pedal and push down the "RES +/SET-" switch (4). The new speed will be maintained.

#### Using the brake pedal

To reset at a slower cruising speed, decelerate to the desired speed using the brake pedal and pull down the "RES +/SET-" switch (4). The new speed will be maintained.

#### NOTE:

*When the brake pedal is depressed, "SET" indicator (7) disappears until you reset the cruising speed.*

#### Using "RES +/SET-" switch

To reset at a faster cruising speed, press repeatedly or hold pulling up the "RES +/SET-" switch (4). Vehicle speed will steadily increase. When you release the switch, the new speed will be maintained.

To reset at a slower cruising speed, press repeatedly or hold pulling down the "RES +/SET-" switch (4).

#### NOTE:

- You can adjust the set speed by 1 km/h (or 1 mph) by pulling up and down "RES +/SET-" switch (4) quickly.
- You can adjust the set speed by 5 km/h (or 5 mph) by pulling up and down and holding "RES +/SET-" switch (4).  
(e.g. 62 Km/h (or 42 mph) > 65 Km/h (or 45 mph) > 70 Km/h (or 50 mph), etc) .
- When deceleration control or following control is activated, the vehicle is not accelerated even though resetting to higher cruising speed by continuously pulling up the "RES +/SET-" switch (4) is operated. However, if the vehicle ahead disappears, the vehicle is accelerated automatically to the set speed.

## Cancelling adaptive cruise control

"SET" indicator (7) will disappear and the adaptive cruise control system will be canceled temporarily under the following conditions:

- When "CANCEL" switch (3) is pushed
- When brake pedal is depressed
- When vehicle speed falls below about 40 km/h (25 mph)  
When a vehicle skids and ESP® is activated
- When radar sensor cover is covered in snow, water or dirt
- When engine speed is too high or too low
- When driver's door is open
- When driver's seat belt is unfastened
- When parking brake is applied
- When "LIMIT" switch is pressed  
When ESP® OFF switch is pressed

*For manual transaxle vehicle*

- When clutch pedal is continuously depressed
- When gear position is changed to "N" (Neutral)
- When gear position is changed to 1st or 2nd

*For automatic transaxle vehicle*

- When gear position is changed to "N"
- When gear position is changed from 3rd to 2nd in the manual mode

*For CVT vehicle*

- When gear position is changed to "N"

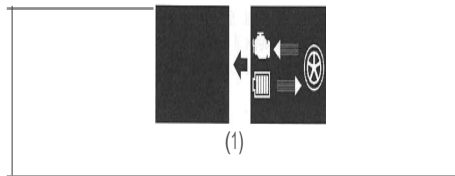
To resume the previously set speed, pull up the "RES +/SET-" switch (4) and show "SET" indicator (7). The vehicle speed must be above about 40 km/h (25 mph) when the vehicle is not under the above conditions.

To turn off the adaptive cruise control system, push cruise switch (2) and check that the adaptive cruise control indicator (6) disappears. Also, if any warning indication or message related to the adaptive cruise control system is displayed on the instrument cluster, the adaptive cruise control system will be turned off.

### NOTE:

*If you turn off the adaptive cruise control system, the previously set speed in the memory is cleared. Reset your cruising speed again.*

## Frontal collision warning



68PM00327

If your vehicle gets too close to the vehicle ahead as described below, the interior buzzer sounds, the indicator (1) appears on the information display at the same time, to promote deceleration.

- The vehicle ahead of you slows down abruptly.
- Another vehicle cuts in front of you.

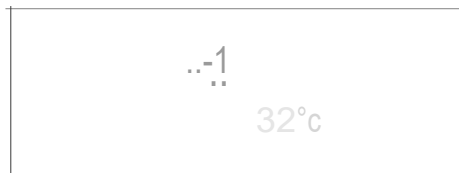
Depress the brake pedal, and keep an appropriate distance from the vehicle ahead. The buzzer timing of frontal collision warning varies depending on the vehicle speed and a following distance between your vehicle and the vehicle ahead.

There are different frontal collision warning operations in adaptive cruise control system, radar brake support system (if equipped) or dual sensor brake support system (if equipped). Therefore, the interior buzzer in adaptive cruise control system sounds a little earlier than the buzzer in radar brake support system (if equipped) or dual sensor brake support system (if equipped). For details of frontal collision warning in radar brake support system (if equipped) or dual sensor brake support system (if equipped), refer to "Radar brake support system (if equipped)" in this section or "Dual sensor brake support system (if equipped)".

### A WARNING

- Do not use the adaptive cruise control system in a heavy traffic area where the frontal collision warning frequently activates.
- Even if the distance between your vehicle and the vehicle ahead is short, frontal collision warning may not alert you under the following circumstances:
  - The vehicle ahead of you is going at almost the same speed as, or faster than your vehicle.
  - When the vehicle ahead of you is going away from your vehicle.
  - Right after setting up to the desired speed.
  - While depressing the accelerator pedal or right after releasing the pedal.
  - While decelerating by depressing the brake pedal.

### Adaptive cruise control system warning light



52RM30090

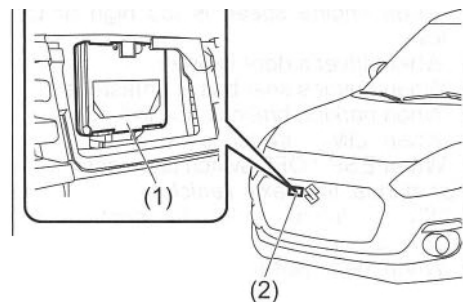
If this light stays on, there is a problem with the adaptive cruise control system or radar sensor. When the radar sensor is failure, the function of the radar sensor stops until the engine switch is pressed to change the ignition mode to LOCK (OFF). Find a safe place to park and change the ignition mode to LOCK (OFF) by pressing the engine switch. Restart the engine, and check that the adaptive cruise control system warning light goes off. If the indicator stays on after restarting the engine, there may be a failure of the radar sensor. Ask an authorized SUZUKI dealer to have the radar sensor inspected.

### Handling the radar sensor

#### NOTE:

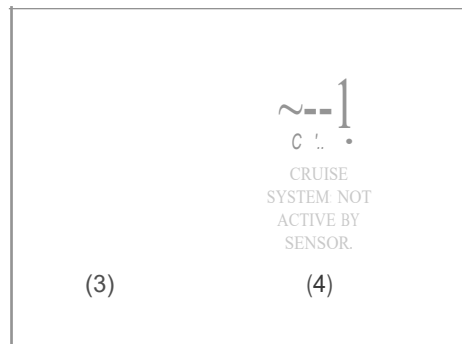
*If your vehicle is equipped with the radar brake support or dual sensor brake support for details on radar sensor refer to "Radar brake support system (if equipped)" or "Dual sensor brake support system (if equipped)" in this section.*

The radar sensor (1) can be found inside the sensor cover (2) which is located on the radiator grill.



52RM30210

If dirt is detected on the radar sensor cover, adaptive cruise control system will stop functioning and adaptive cruise control system warning light (3) will come on, and "CRUISE SYSTEM: NOT ACTIVE BY SENSOR." message (4) will appear as follows.



52RM30701

## A WARNING

- Always keep the sensor cover surface clean. When it is dirty, wipe it down with a soft cloth that will not scratch the cover. Also, when the following things are covering or attached to the sensor cover, they will be detected as dirt and the radar will either take more time to detect things or it will not detect things at all. If this happens, the system will not function normally and unexpected accidents may occur.
  - Plastic bags (transparent, semi-transparent, colored or metal-coated)
  - Rain, snow, etc.
- Observe the following instructions in order to keep the radar sensor functioning properly. If mishandled, the radar sensor cannot accurately detect a vehicle in front of you, the system will not function properly and unexpected accidents may occur.
  - Do not strike the radar sensor forcefully. If there is a minor crash and the radar sensor is damaged or hindered, have it inspected by an authorized SUZUKI dealer.

(Continued)

## A WARNING

(Continued)

- Do not stick or affix anything to the sensor cover, not even clear items.
- Do not do any customizing, coating or applying of non-genuine SUZUKI parts to the radiator grill or front bumper. For repairs and parts replacement, contact an authorized SUZUKI dealer.
- Do not remove or disassemble the radar sensor or any surrounding parts.
- Do not sit on or lean against the front bumper.
- When using a high pressure car washer, do not point the nozzle at, or around, the sensor cover.
- Do not push other vehicle or objects with the front bumper when you pull out of a parking area.

## NOTE:

*The system may not function properly if there is any snow or water on the radar sensor cover.*

## OPERATING YOUR VEHICLE

---

### When dirt is detected on the sensor cover

If the message (4) does not disappear, perform the following procedure.

- 1) Find a safe place to park and change the ignition switch to "LOCK" position or the ignition mode to "LOCK" (OFF) by pressing the engine switch.
  - 2) Clean the sensor cover with a soft cloth.
  - 3) Change the ignition switch to "ON" position or the ignition mode to "ON" by pressing the engine switch.
  - 4) Check that the message (4) disappears.
- If you clean the sensor cover and drive the vehicle, but the message (4) appears again even though the road is not in the situations described in the following NOTE, there might be another problem. Contact an authorized SUZUKI dealer for further assistance.

### NOTE:

*In the following situations, the adaptive cruise control system warning light (3) may come on, the message (4) may appear and adaptive cruise control system may be deactivated automatically, even if there is no dirt on the sensor cover.*

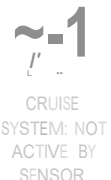
- *In a tunnel*
- *A road where there are concrete wall/s on both sides*
- *A road where there are metal fences on one side*
- *Around overpasses or grade separated crossings*
- *When there is bad weather such as rain or snow*
- *A road where there are puddles*

*In these situations, adaptive cruise control system is stopped functioning temporarily, because millimeter-waves emanating from the radar sensor cause diffused reflection and a position of the vehicle in front of you cannot be detected correctly*

*If you drive the vehicle for about 2 minutes after the above situations have improved, these indicator and message will turn off and adaptive cruise control system will turn back on.*

## Warning and indicator messages

The information display shows the warning and indicator messages to let you know about certain problems of the adaptive cruise control system.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
  INSPECT CRUISE SYSTEM   52RM30710	Blinks  	Beep (one time from interior buzzer)	There may be malfunction of the adaptive cruise control system. Contact an authorized SUZUKI dealer for inspection.
  CRUISE SYSTEM: NOT ACTIVE BY SENSOR.   52RM30720	Blinks  	Beep (one time from interior buzzer)	The message appears on the information display because dirt is detected on the sensor cover, or millimeter-waves from the radar sensor cause diffused reflection. If the message does not disappear for a while, wipe the sensor cover with a soft cloth.

## OPERATING YOURVEHICLE

Warningand indicatormessage	Master warning indicator light	Sound	Cause and remedy
  RADAR BRAKE SUPPORT SYS INSPECTION REQUIRED   52RM30730	Blinks  	Beep (one time from interior buzzer)	There may be a problem with radar brake support system. Have your vehicle inspected by an authorized SUZUKI dealer.
  CRUISE SYSTEM TEMPORARILY DISABLED   52RM30740	Blinks  	Beep (one time from interior buzzer)	There may be a problem with adaptive cruise control system and the system is disabled temporarily. If the message does not disappear for a while, have your vehicle inspected by an authorized SUZUKI dealer.

## Cruise control(if equipped)

The cruise control system allows you to maintain a steady speed without keeping your foot on the accelerator pedal. The controls for operating the cruise control system are on the steering wheel.

You can use the cruise control system under the following conditions:

- For manual transaxle vehicle, the gear position is in 3rd, 4th, 5th.
  - For CVT vehicle, the gearshift lever is in "D" position.
- The vehicle speed is about 40 km/h (25 mph) or higher.

### A WARNING

**To help avoid loss of vehicle control, do not use the cruise control system when driving in heavy traffic, on slippery or winding roads, or on steep downhill.**

## Setting cruising speed

### Cruise control switch

#### EXAMPLE

#### Master warning indicator light

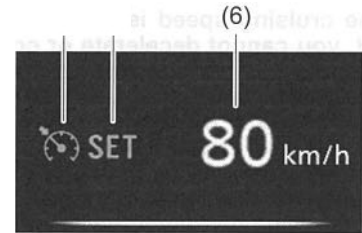
(1)



52RM30190

- (1) Cruise switch
- (2) "CANCEL" switch
- (3) "RES +/SET -" switch

#### EXAMPLE



52RM30880

- (4) Cruise indicator
- (5) "SET" indicator
- (6) Set speed indication

- 1) Turn on the cruise control system by pushing cruise switch (1). When the cruise indicator (4) appears on the information display, you can set cruising speed.
- 2) Accelerate or decelerate to the desired speed.
- 3) Push down the "RES +/SET -" switch (3), "SET" indicator (5) appears on the information display. At this time, set speed indication (6) also appears on the information display. Take your foot off the accelerator pedal and the set speed will be maintained.

### A. WARNING

If the cruising speed is set by accident, you cannot decelerate or could lose control of the vehicle. This could lead to an accident, resulting in severe injury or death. Turn off the cruise control system and check that cruise indicator (4) is off when the system is not in use.

#### NOTE:

*Established cruising speed may differ a little from the speed meter indication depending on the road conditions.*

### Changing speed temporarily

---

When the cruising speed is maintained, you can temporarily accelerate or decelerate.

To accelerate, depress the accelerator pedal. When you take your foot off the pedal, your vehicle will return to the set speed.

To decelerate, depress the brake pedal. The set speed will be canceled and "SET" indicator (5) will disappear.

To resume the previously set speed, push up the "RES +/SET -" switch (3) and turn on "SET" indicator (5) again when vehicle speed is above 40 km/h (25 mph). The vehicle will accelerate to the previously set speed and maintain its speed.

### Changing cruising speed

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#### Using the accelerator pedal

To reset at a faster cruising speed, accelerate to the desired speed using the accelerator pedal and push down the "RES +/SET -" switch (3). The new speed will be maintained.

#### Using the brake pedal

To reset at a slower cruising speed, decelerate to the desired speed using the brake pedal and push down the "RES +/SET -" switch (3). The new speed will be maintained.

#### NOTE:

*When the brake pedal is depressed, "SET" indicator (5) disappears until you reset the cruising speed.*

#### Using "RES +/SET -" switch

To reset at a faster cruising speed, press repeatedly or hold push up the "RES +/SET -" switch (3). Vehicle speed will steadily increase. When you release the switch, the new speed will be maintained.

To reset at a slower cruising speed, press repeatedly or hold push down the "RES +/SET -" switch (3) until the vehicle has slowed to the desired speed, and then release the switch. The new speed will be maintained.

#### NOTE:

*You can adjust the set speed by approximately 1 km/h (1 mph) by pushing "RES +/SET -" switch quickly.*

## Cancelling cruisecontrol

"SET" indicator (5) will disappear and the cruise control will be canceled temporarily with the following conditions:

- Push "CANCEL" switch (2).
  - Depress the brake pedal.
  - For manual transaxle, depress the clutch pedal.
  - For CVT vehicle, the gear position is changed to "L"
  - The vehicle speed falls more than about 20 percent from the set speed.
  - Any time the vehicle speed falls below 40 km/h (25 mph).
- When the vehicle skids and ESP® is activated.

To resume the previously set speed, push up the "RES +/SET-" switch (3) and turn on "SET" indicator (5). The vehicle speed must be above 40 km/h (25 mph) when the vehicle is not under the above conditions.

To turn off the cruise control system, push cruise switch (1) and check that the cruise indicator (4) is off.

Also, if the malfunction indicator light in the instrument cluster comes on or blinks, the cruise control system will be turned off.

### NOTE:

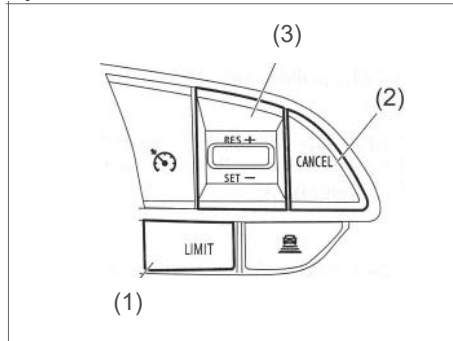
*If you turn off the cruise control system, the previously set speed in the memory is cleared. Reset your cruising speed again.*

## Speed limiter(if equipped)

The speed limiter allows you to choose a maximum speed that you do not wish to exceed.

## Settingmaximum speed

### Speed limiterswitch

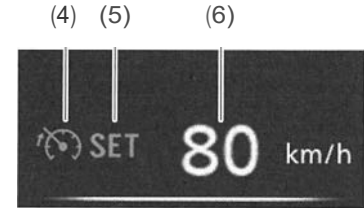


52RM30200

- (1) "LIMIT" switch
- (2) "CANCEL" switch
- (3) "RES +/SET-" switch

## Information display

### EXAMPLE



52RM30490

- (4) Limit indicator
- (5) "SET" indicator
- (6) Speed indication

- 1) Turn on the speed limiter system by pushing "LIMIT" switch (1). When the limit indicator (4) appears in the information display, you can set the maximum speed.
- 2) Accelerate or decelerate to the desired speed.
- 3) Pull down the "RES +/SET -" switch (3), "SET" indicator (5) appears in the information display. The current vehicle speed is set as the maximum speed.

## OPERATING YOURVEHICLE

### NOTE:

If you pul/ down the "RES +!SET -" switch (3) when the vehic/e speed is less than 30 km/h or 20 mph, the maximum speed wi/1 be set to 30 km/h or 20 mph.

### Exceeding maximum speed

You can exceed the maximum speed temporarily by quickly depressing the accelerator pedal all the way down. While the ve~icle speed is exceeded, the speed indication (6) on the information display will flash and the buzzer will sound briefly. If the accelerator pedal is released to return below the maximum speed, the speed indication (6) will stop flashing and then stay lit, and the function will restore.

### NOTE:

- When you depress the accelerator pedal slowly, the vehicle speed may not exceed the maximum speed. /fyou wish to exceed the maximum speed, depress the accelerator pedal al/ the way down quickly or push "CANCEL" switch (2) to cancel the maximum speed temporarily.
- The speed indication (6) wi/1 also flash and the buzzer wi/1 sound if the speed limiter cannot prevent the vehicle from exceeding the maximum speed in such cases as when going down a steep hi/1, or under excessive acceleration. In this case, decelerate to return below the maximum speed using the brake pedal.

### Changing speed setting

#### Setting to the current speed

- 1) Push "CANCEL" switch (2).
- 2) Accelerate or decelerate to the desired speed.
- 3) Pull down the "RES +/SET -" switch (3), "SET" indicator (5) appear in the information display. The current vehicle speed is set as the maximum speed.

#### Using "RES +/SET -" switch

To change to a faster speed, press repeatedly or hold pulling up the "RES +/SET -" switch (3).

To change to a slower speed, press repeatedly or hold pulling down the "RES +/SET-" switch (3).

### NOTE:

- You can adjust the set speed by 1 km/h (or 1 mph) by puffing up and down "RES +!SET-" switch (3) quickly.
- You can adjust the set speed by 5 km/h (or 5 mph) by pulling up and down and holding "RES +!SET-" switch (3). (e.g. 62 Km/h (or 42 mph) > 65 Km/h (or 45 mph) > 70 Km/h (or 50 mph), etc)
- If the current vehic/e speed exceeds the maximum speed when changing to the slower speed using "RES +/SET -" switch (3), the speed indication (6) wi/1 flash and the buzzer wi/1 sound.

### Cancelling speed limiter

- To cancel the speed limiter, push "CANCEL" switch (2). The set indicator (5) will disappear.
- To resume the previously set speed, pull up the "RES +/SET -" switch (3) and show "SET" indicator (5).
- turn off the speed limiter system, push 'LIMIT" switch (1) and check that limit indicator (4) disappears. Also, you can turn off the speed limiter by turning off the engine.

### NOTE:

If Y°1 turn off the speed limiter system, the previously set speed in the memory is cleared. Set your speed again.

## Radar brake support system {if equipped}

Radar brake support system measures the relative velocity of, and distance from, the vehicle in front of you by radar and then attempts to avoid a crash by giving warning and, in the event of a crash, attempts to reduce damage through brake control.

### A WARNING

- Radar brake support system has limits and may not function properly depending on the driving conditions. Do not rely excessively on the system and always drive in a safe manner.
- For safety reasons, do not check the operation of the system by yourself.  
Check that all passengers fasten their seat belts when the vehicle is being operated.  
When the system is activated, there is a risk of serious injury from being thrown.

(Continued)

### A WARNING

(Continued)

- On the following surfaces, you may not be able to decelerate even with the warning brake system, the brake assist system and automatic brake system functioning.
  - On sharp curves or extremely rough surfaces
  - On the following slippery surfaces
    - Frozen or snow-covered surfaces
    - Over manholes or metal construction plates
    - Gravel
- In the following situations, the tilt and/or height of the vehicle is changed, the system does not function properly and unexpected accidents may occur.
  - With a modified suspension (Altering the vehicle height, etc.)
  - With non-specified sized tires equipped
  - With worn or extremely uneven tires equipped
  - With low or high tire pressure

### NOTE:

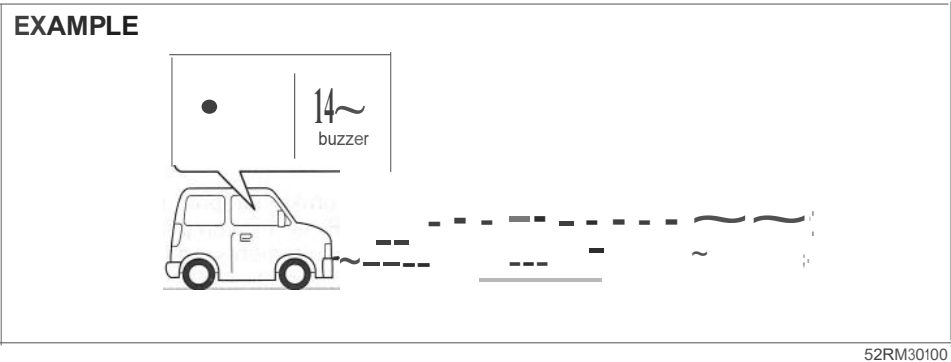
- *While the system is working, if a vehicle in front of you moves outside of the radar's detection field or the vehicle can no longer be detected, the system may stop functioning.*
- *While the system is working, a braking sound may be heard even if you do not depress the brake pedal, but this is normal.*

The radar brake support system, model MRRevo14F is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

# OPERATING YOUR VEHICLE

## Frontal collision warning

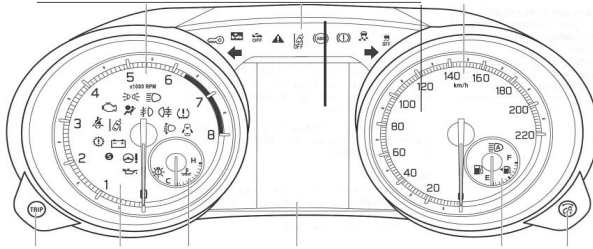
When there is a risk of a frontal collision, a warning will be given through the information display and sound.



### Warning brake system

If the driver cannot take or is insufficient to take evasive action such as brake operation and steering operation after frontal collision warning activates, the system applies brake lightly.

#### EXAMPLE



52RM30110

### A CAUTION

In the following conditions, this warning brake system may not activate.

- When another vehicle is already parked on a road in the direction of movement.
- When a vehicle ahead is changing lane and only a part of the vehicle is within the radar sensor range.

#### NOTE:

*When you operate brake after frontal collision warning activates, the warning brake system does not activate. Brake assist system will activate in this case.*

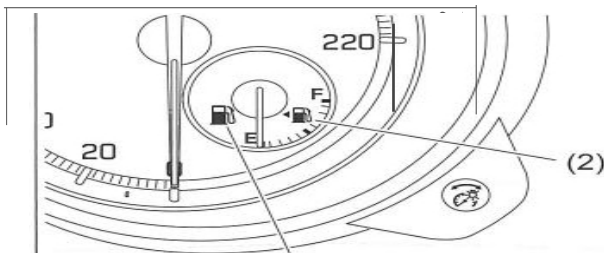
## OPERATING YOUR VEHICLE

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### Brake assist system

When there is high probability of a frontal collision, the brake assist system provides more powerful braking when you slam down on the brake pedal.

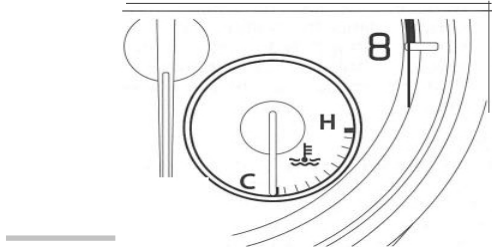
#### EXAMPLE



52RM30120

**Automatic brake system**

When a frontal collision is unavoidable at lower speeds, the brakes will powerfully operate automatically. (#1)

**EXAMPLE**

52RM30130

- (#1) After the vehicle has been stopped by the automatic brake system, flashing of the radar brake support system indicator light and frontal collision warning will continue until the brake system is released.

**A CAUTION**

After the vehicle has been stopped by the automatic brake system, immediately depress the brake pedal. If your vehicle is equipped with the automatic transaxle or CVT, and when the automatic brake system is released, the vehicle will start to move by the creeping function. This may result in an accident.

**NOTE:**

*If you do not depress the clutch pedal when the vehicle has been stopped by the automatic brake system, the engine will stall.*

### Situations where radar will not activate properly

Under the following situations, there is a high possibility that the system will not activate.

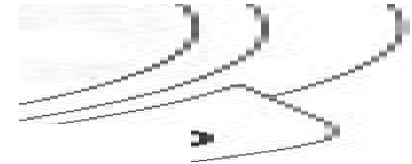
- When the engine is off (except when the engine is automatically stopped by the ENG A-STOP system)
- When the gearshift lever is in the reverse gear
- When facing an oncoming vehicle
- When the following switches are pushed and the system is turned off:
  - Radar brake support OFF switch
  - ESP® OFF switch
- When the system is temporarily stopped or malfunctioning, some of the following indicator and messages will come on:
  - Master warning indicator light
  - "RADAR BRAKE SUPPORT SYS INSPECTION REQUIRED" message
  - "CRUISE SYSTEM TEMPORARILY DISABLED" message
  - "CRUISE SYSTEM: NOT ACTIVE BY SENSOR" message

### Situations where radar may not activate properly

Under the following situations, the radar may not detect a vehicle in front of you correctly and the system may not activate.

- When the radar sensor cover is covered in snow, water or dirt
- When there is bad weather such as rain or fog, a blizzard or sandstorm or when the vehicle in front of you is surrounded by water, snow or sand
- When you are operating on a narrow road
- When another vehicle jumps out suddenly
- When you suddenly accelerate and approach the vehicle in front of you, such as when you overtake the vehicle in front of you
- When swerving
- When the vehicle cannot move in a straight manner without consistently steering, due to an accident or breakdown

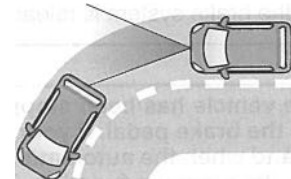
### EXAMPLE



54P000322

- When you take evasive action with the steering wheel or accelerator pedal

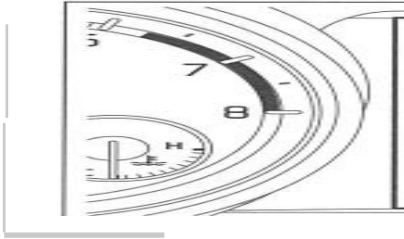
### EXAMPLE



54P000323

- When only a part of the vehicle in front of you is within the radar's detection field, such as when operating on a curvy road

### EXAMPLE



54P000324

- When another vehicle suddenly changes lanes or jumps out in front of you

When the following types of vehicles are in front of you, the radar may not detect them and the system may not activate.

- Stopped vehicles or those operating at extremely low speeds
- Vehicles carrying oddly shaped loads, such as bicycles, on their roof or back, or vehicles with articles protruding out from the body's circumference
- Trucks with low-lying backs

### EXAMPLE



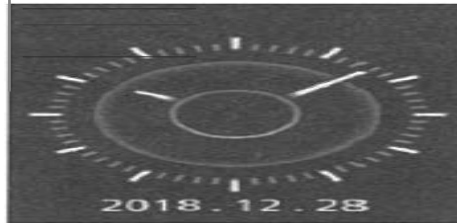
54P000325

- Specially shaped vehicles such as car carriers

### Situations where radar may activate by chance

With the following objects, the radar may judge that there is a vehicle in front of you, and the system may activate.

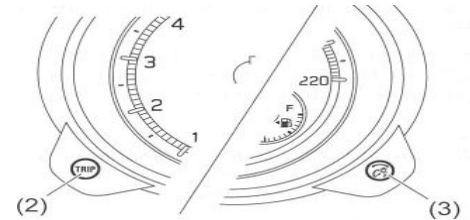
### EXAMPLE



54P000326

- Pedestrian bridges, elevated bridges, overpasses or road signs

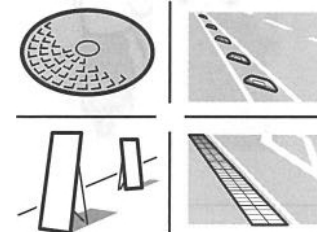
### EXAMPLE



54P000327

- Toll gates, parking lot gates, railroad crossing gates or height-limit signboards

### EXAMPLE



54P000328

## OPERATING YOURVEHICLE

- Objects protruding from the road's surface, manhole covers, signs and other metal objects, as well as falling objects or level changes in the road

In the following situations, the radar may judge that there is a vehicle in front of you, and the system may activate.

- When crossing narrow bridges
- When operating on hills that have varying slopes
- When a vehicle suddenly passes you from a neighboring lane
- When the radar detects animals or trees

### EXAMPLE



54P000329

- When the radar detects pedestrians, bicycles or motorcycles

### EXAMPLE



54P000330

- When you pass by an oncoming vehicle on a curvy road

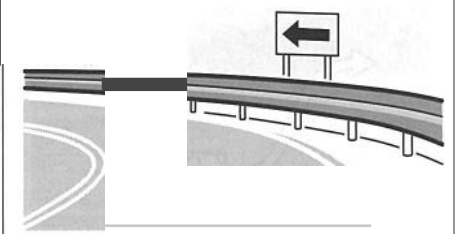
### EXAMPLE



54P000331

- When your vehicle is weighed down by heavy items in the luggage compartment or rear seat

### EXAMPLE



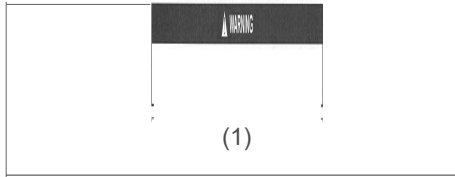
54P000332

- When there is a roadside guard rail, or sign on a curve

## Frontal collision warning

When you are operating at a speed of approximately 5 km/h (3 mph) or over and there is a risk of a frontal collision, the warning will work.

- The interior buzzer will intermittently beep and the indication (1) will appear.



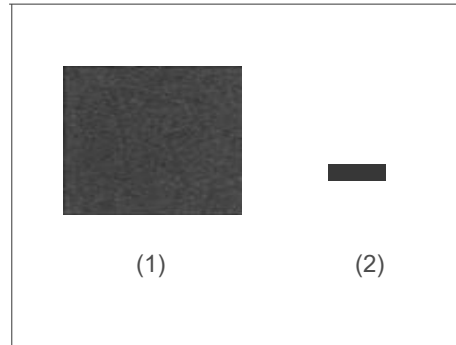
68PM00327

- When the frontal collision warning sounds, depending on the distance from the vehicle in front of you and driving conditions, take evasive action with the steering wheel or brake pedal.

## Warning brake system

When you are operating at a speed of approximately 30 km/h (19 mph) or over and if the driver cannot take or is insufficient to take evasive action such as brake operation and steering operation after frontal collision warning activates, the system applies brake lightly.

- While the warning brake system is working, the interior buzzer will intermittently beep, the radar brake support system indicator light (1) will blink, the indicator (2) will appear, and the brake lights will come on.



52RM30140

## CAUTION

**In the following conditions this warning brake system may not activate**

- When another vehicle is already parked on a road in the direction of movement.
- When a vehicle ahead is changing lane and only a part of the vehicle is within the radar sensor range.

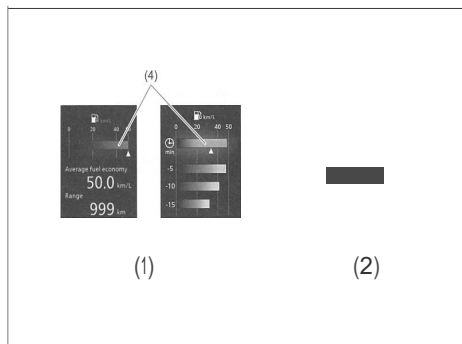
### NOTE:

*When you operate brake after frontal collision warning activates, the warning brake system does not activate. Brake assist system will activate in this case.*

### Brake assist system

When you are operating at a speed of approximately 5 km/h (3 mph) or over and there is a high probability of a frontal collision, the brake assist system provides more powerful braking when you slam down on the brake pedal.

- While the brake assist system is working, the interior buzzer will intermittently beep, the radar brake support system indicator light (1) will blink rapidly, and the indicator (2) will appear.

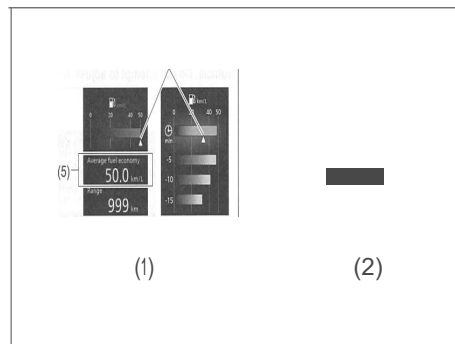


52RM30140

### Automatic brake system

When a frontal collision is judged to be unavoidable at speeds between approximately 5 km/h to 30 km/h (3 mph to 9 mph), the brakes will powerfully operate automatically and will attempt to avoid the collision or reduce the damage of the collision.

- When the automatic brake system is activated at a speed of approximately 15 km/h (9 mph) or under, collision may be avoidable.
- While the automatic brake system is working, the interior buzzer will intermittently beep, the radar brake support system indicator light (1) will blink rapidly, the indication (2) will appear, and the brake lights will come on.



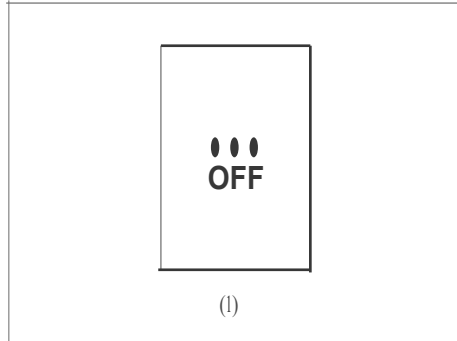
s2RM30140

### Radar brake support OFF switch

You can turn off the radar brake support system.

- In the following situations, push and hold the radar brake support OFF switch as unexpected dangers may be possible if it is activated.
  - When the vehicle is placed upon a tester such as when undergoing a vehicle inspection
  - When the vehicle is being towed
  - When the vehicle is being carried on a car carrier
  - When the vehicle is being carried on a ferry
  - When the vehicle is being operated on a race track
  - When the vehicle is placed upon a car elevator or placed in a mechanical parking lot
  - With a spare tire or tire chains equipped
  - When you have a temporarily repaired flat tire
  - When you have an accident or breakdown
  - When the vehicle is used to tow a trailer
- In the following situations, the radar sensor might not function properly. Turn it off and have it inspected by an authorized SUZUKI dealer.
  - When there is a minor collision and the radar sensor is damaged or hindered

- When the warning brake system and automatic brake system are activated frequently



54P000337



68PM10301

- When you want to turn off the system, push and hold the radar brake support OFF switch (1) until the interior buzzer beeps and the radar brake support OFF indicator light (2) appears in the instrument cluster.

**NOTE:**

*This OFF indicator (3) appears also at the Information Display.*

Perform the following method to turn the system back on.

- Push and hold the radar brake support OFF switch (1) until the interior buzzer beeps and the radar brake support OFF indicator light (2) turns off.
- Turn off the engine and then turn it on again.

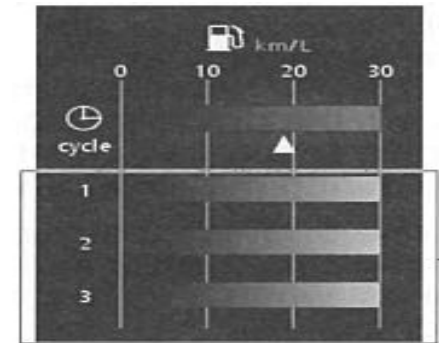
**A. WARNING**

If you attempt to press the radar brake support OFF switch while driving, you could lose control of the vehicle.

Do not press the radar brake support OFF switch while driving.

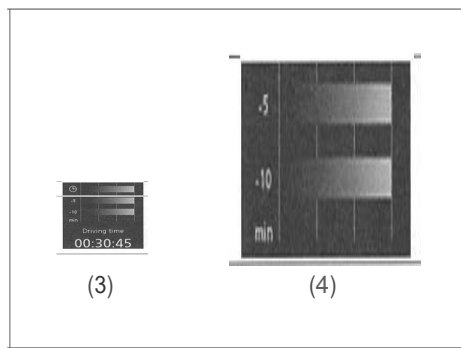
**Handling radar sensor**

The radar sensor (1) can be found inside the sensor cover (2) which is located on the radiator grill.



## OPERATING YOUR VEHICLE

If dirt is detected on the radar sensor cover, the radar brake support system will stop functioning and the radar brake support system indicator light (3) will come on, and "CRUISE SYSTEM: NOT ACTIVE BY SENSOR." message (4) will appear as follows.



52RM30700

### A WARNING

- Always keep the sensor cover surface clean. When it is dirty, wipe it down with a soft cloth that will not scratch the cover. Also, when the following things are covering or attached to the sensor cover, they will be detected as dirt and the radar will either take more time to detect things or it will not detect things at all. If this happens, the system will not function normally and unexpected accidents may occur.
  - Plastic bags (transparent, semi-transparent, colored or metal-coated)
  - Rain, snow, etc.
- Observe the following instructions in order to keep the radar sensor functioning properly. If mishandled, the radar sensor cannot accurately detect a vehicle in front of you, the system will not function properly and unexpected accidents may occur.
  - Do not strike the radar sensor forcefully. If there is a minor crash and the radar sensor is damaged or hindered, have it inspected by an authorized SUZUKI dealer.

(Continued)

### A WARNING

(Continued)

- Do not stick or affix anything to the sensor cover, not even clear items.
- Do not do any customizing, coating or applying of non-genuine SUZUKI parts to the radiator grill or front bumper. For repairs and parts replacement, contact an authorized SUZUKI dealer.
- Do not remove or disassemble the radar sensor or any surrounding parts.
- Do not sit on or lean against the front bumper.
- When using a high pressure car washer, do not point the nozzle at, or around, the sensor cover.
- Do not push other vehicle or objects with the front bumper when you pull out of a parking area.

### NOTE:

*The system may not function properly if there is any snow or water on the radar sensor cover.*

**When dirt is detected on the sensor cover**

If the message (4) does not disappear, perform the following procedure.

- 1) Find a safe place to park and change the ignition switch to "LOCK" position or the ignition mode to "LOCK" (OFF) by pressing the engine switch.
  - 2) Clean the sensor cover with a soft cloth.
  - 3) Change the ignition switch to "ON" position or the ignition mode to "ON" by pressing the engine switch.
  - 4) Check that the message (4) disappears.
- If you clean the sensor cover and drive the vehicle, but the message (4) appears again even though the road is not in the situations described in the following NOTE, there might be another problem. Contact an authorized SUZUKI dealer for further assistance.

**NOTE:**

*In the following situations, the radar brake support system indicator light (3) may come on, the message (4) may appear and the radar brake support system may be deactivated automatically, even if there is no dirt on the sensor cover.*

- *In a tunnel*
- *A road where there are concrete walls on both sides*
- *A road where there are metal fences on one side*
- *Around overpasses or grade separated crossings*
- *When there is bad weather such as rain or snow*
- *A road where there are puddles*

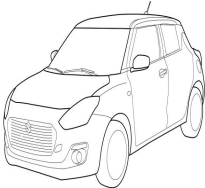
*In these situations, the radar brake support system is stopped functioning temporarily, because millimeter-waves emanating from the radar sensor cause diffused reflection and a position of the vehicle in front of you cannot be detected correctly.*

*If you drive the vehicle for about 2 minutes after the above situations have improved, these indicator and message will turn off and the radar brake support system will turn back on.*

OPERATING YOUR VEHICLE

Warning and indicator messages

The information display shows the warning and indicator message to let you know about certain problems of the radar brake support system.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
 52RM30730	Blinks 	Beep (one time from interior buzzer)	There may be a problem with the radar brake support system. Have your vehicle inspected by an authorized SUZUKI dealer.
 52RM30580	Blinks 	Beep (one time from interior buzzer)	There may be a problem with the radar brake support system and the system is disabled temporarily. If the message does not disappear for a while, have your vehicle inspected by an authorized SUZUKI dealer.

Warning and indicator message	Master warning indicator light	Sound	Cause and remedy
  52RM30590	Blinks  	Beep (one time from interior buzzer)	The radar brake support system is disabled temporarily because dirt is detected on the sensor cover, or millimeter-waves from the radar sensor cause diffused reflection.   If the message does not disappear for a while, wipe the sensor cover with a soft cloth.

### Dual sensor brake support system (if equipped)

#### Dual sensor brake support

Dual sensor brake support is a system that detects a vehicle or a pedestrian in front of your vehicle by the dual sensor, attempts to avoid a collision by giving warning to the driver, and attempts to reduce damage in the event of a crash.

#### A WARNING

- Dual sensor brake support has limits and may not function properly depending on the driving conditions. Do not rely excessively on the system and always drive in a safe manner.
- For safety reasons, do not check the operation of the system by yourself.
- Check that all passengers fasten their seat belts when the vehicle is being operated.

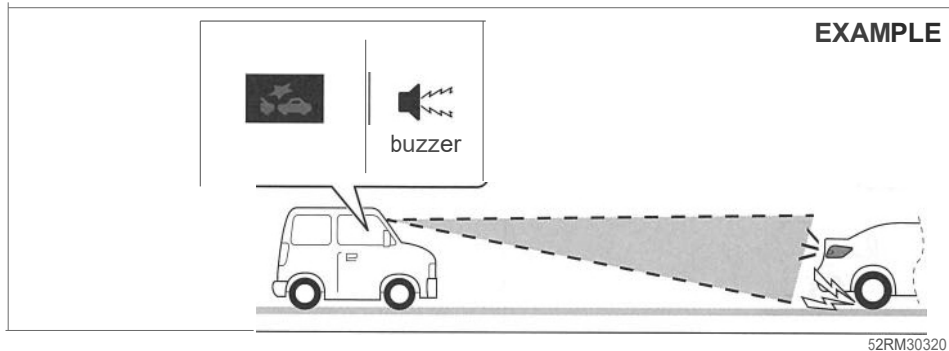
When the system is activated, there is a risk of serious injury from being thrown.

#### NOTE:

- *While the system is working, if a vehicle in front of you moves outside of the dual sensor's detection field or the vehicle can no longer be detected, the system may stop functioning.*
- *While the system is working, a braking sound may be heard even if you do not depress the brake pedal, but this is normal.*

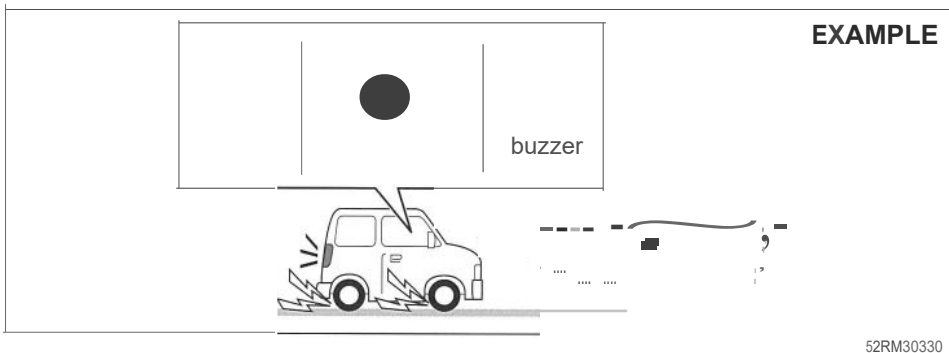
## Frontal collision warning

When there is a risk of a frontal collision, a warning will be given through the information display and sound.



## Brake assist system

When there is high probability of a frontal collision, the brake assist system provides more powerful braking when you slam down on the brake pedal. Brake assist system might work at the same time as automatic brake system.

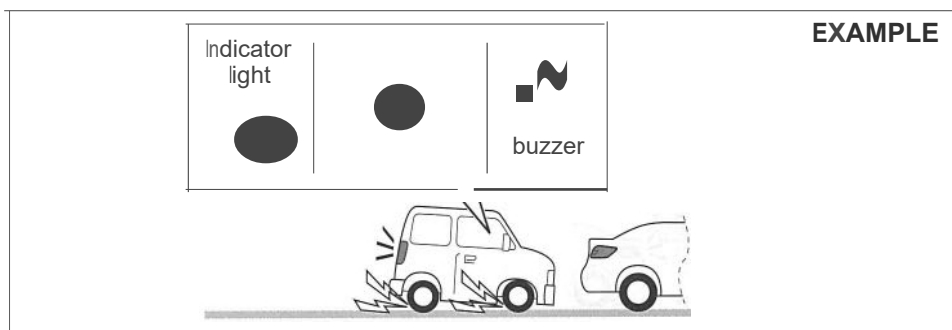


## OPERATING YOUR VEHICLE

### Automatic brake system

When a frontal collision is unavoidable, the brakes will powerfully operate automatically.

(#1)



(#1) After the vehicle has been stopped by the automatic brake system, the interior buzzer will continue to beep until the automatic brake system is released. Also, the indication on the information display and the dual sensor brake support indicator light will go off after 3 seconds from being released the automatic brake system.

### A. CAUTION

**After the vehicle has been stopped by the automatic brake system, immediately depress the brake pedal. If your vehicle is equipped with the automatic transaxle or CVT, and when the automatic brake system is released, the vehicle will start to move by the creeping function. This may result in an accident.**

#### NOTE:

*If you do not depress the clutch pedal when the vehicle has been stopped by the automatic brake system, the engine will stall.*

Situations where the system does not activate

Under the following situations, the system does not activate.

- When the engine is off (except when the engine is automatically stopped by the ENG A-STOP system)
- When dual sensor brake support indicator light and lane departure warning indicator light are initially lighting immediately after the engine switch is pressed to change the ignition mode to ON.
- When the gearshift lever is in reverse gear
- When the ESP® system is activated (except the frontal collision warning)
- When the following switches are pushed and the system is turned off:
  - Dual sensor brake support OFF switch
  - ESP® OFF switch
- When the dual sensor is temporarily stopped or malfunctioning

Situations where the system may not activate properly

Under the following situations, the system may not activate.

- When the dual sensor cannot detect a vehicle or a pedestrian in front of your vehicle  
Refer to "Handling dual sensor" in the "OPERATING YOUR VEHICLE" section.
- When you take evasive action with the steering wheel or accelerator pedal

Situations where the vehicle may not decelerate properly

Under the following situations, the vehicle may not decelerate properly even when the system is activated.

- When the outside temperature is low, or when the temperature of the brake is low such as right after starting
- When the brake is overheating and the brake effect is deteriorated due to continuing to travel on a downhill road
- When the brake effect is deteriorated due to passing over puddles or washing the vehicle
- When driving on the following roads
  - On sharp curves or extremely rough surfaces
  - On a steep slope
- When driving on the following slippery surfaces
  - Frozen or snow-covered surfaces
  - Over manholes or metal construction plates
  - Gravel
- When driving in a rainy day

Situations where the system may activate by chance

Under the following situations, the dual sensor may judge that there is a vehicle or a pedestrian in front of you, and the system may activate. Drive carefully and calmly.

- When passing through a toll booth with more than recommended speeds
- Before the parking lot gates or railroad crossing gates are opened fully
- When operating on hills that have varying slopes
- When you suddenly accelerate and approach the vehicle in front of you or on neighboring lane
- Front visibility is poor due to that there is water vapor, sand or smoke or when the vehicle in front of you or on oncoming lane is surrounded by exhaust, water or snow
- When passing through masses of water vapor or smoke
- When stopping close to an obstacle in front of you
- When passing through near a vehicle or obstacle

### EXAMPLE



54P000330

- When you pass by an oncoming vehicle on a curvy road

### EXAMPLE



54P000332

- When there is a roadside guard rail, or sign on a curve
- When you pass by an oncoming vehicle that is stopped to make a right/left turn

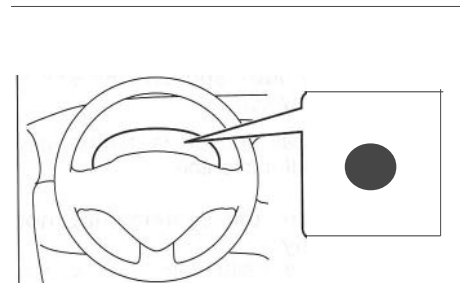
- When you pass by an oncoming vehicle when you turn to the right / left
- When the posture of the vehicle is changing by the road surface of the undulation and uneven
- When there is objects protruding from the road's surface, manhole covers, signs and other metal objects, as well as falling objects or level changes in the road
- When there is a parking lot gates, toll gates, railroad crossing gates or signboards in the direction of travel.
- When driving in the field covered with grown grass
- When the posture of the vehicle is changing
- When the mounting position of the dual sensor is shifted by strong impact
- When you pass under an object (grade separation, road sign, billboard, street lamp, etc.) at the top of an uphill road

### Frontal collision warning

When the followings, there is a risk of a frontal collision and a warning will work.

- When you are operating at speeds between approximately 15 km/h to 140 km/h (9 mph to 87 mph). (For pedestrian, operating speed is between approximately 15 km/h to 60 km/h (9 mph to 37 mph))
- The relative speed between your vehicle and the vehicle or pedestrian ahead is approximately 15 km/h (9 mph) or more.

The interior buzzer will intermittently beep and the indication on the information display will appear.



52RM30350

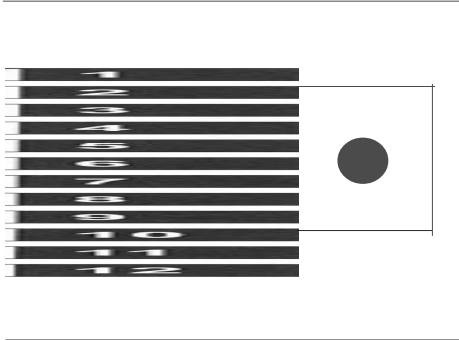
When the frontal collision warning sounds, depending on the distance from the vehicle in front of you and driving conditions, take evasive action with the steering wheel or brake pedal.

## Brake assist system

When the followings and there is a high probability of a frontal collision, the brake assist system provides more powerful braking when you slam down on the brake pedal.

- When you are operating at speeds between approximately 15 km/h to 80 km/h (9 mph to 50 mph). (For pedestrian, operating speed is between approximately 15 km/h to 60 km/h (9 mph to 37 mph).)
- The relative speed between your vehicle and the vehicle or pedestrian ahead is approximately 15 km/h (9 mph) or more.

When the brake assist system activates, the frontal collision warning also activates at the same time.



52RM30350

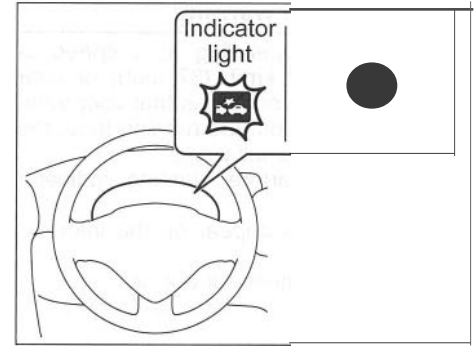
## Automatic brake system

When the followings and a frontal collision is judged to be unavoidable, the brakes will powerfully operate automatically.

- When you are operating at speeds between approximately 5 km/h to 100 km/h (3 mph to 62 mph). (For pedestrian, operating speed is between approximately 5 km/h to 60 km/h (3 mph to 37 mph).)
- The relative speed between your vehicle and the vehicle or pedestrian ahead is approximately 5 km/h (3 mph) or more.

When the automatic brake system is activated at a speed of approximately 50 km/h (31 mph) or under toward the vehicle in front of you (or toward the pedestrian, approximately 30 km/h (19 mph) or under), collisions may be avoidable.

While the automatic brake system is activating, the interior buzzer will intermittently beep, the dual sensor brake support indicator light will blink rapidly, the indication on the information display will appear, and the brake lights will come on.



52RM30360

### NOTE:

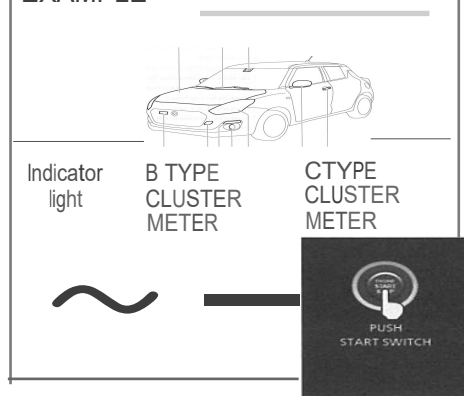
*The indication on the information display and the dual sensor brake support indicator light will go off after approximately 3 seconds from being released the automatic brake system.*

### Lane departure warning

When you are operating at a speed of approximately 60 km/h (37 mph) or over and the dual sensor judges that your vehicle is to deviate from the running lane, the following warnings will work.

- The lane departure warning indicator light will blink  
A message will appear on the information display  
The steering wheel will vibrate

#### EXAMPLE



### A WARNING

- The lane departure warning may not be suitable for every situation. Also, the system is not designed to avoid the lane deviations automatically. Do not rely excessively on the system and always drive in a safe manner. Depending on road surface conditions, you may not feel the vibration of the steering wheel even when the lane departure warning works. For safety reasons, do not check the operation of the system by yourself.

Situations where the system does not activate

Under the following situations, the system does not activate.

- When dual sensor brake support indicator light and lane departure warning indicator light are initially lighting immediately after the engine switch is pressed to change the ignition mode to ON.  
When the following switches are pushed and the system is turned off:
  - Lane departure warning OFF switch
  - ESP® OFF switch
- When operated the hazard warning switch

- When the dual sensor is temporarily stopped or malfunctioning  
When the system judges that the intentional lane change, such as during or after flashing the turn signal lights

Situations where the system may not activate properly

Under the following situations, the system may not activate.

- When you suddenly close to the partition lines
- When driving on sharp curves  
When you do not return to inside of the lane after the lane departure warning is activated
- When the electric power steering light comes on

If the dual sensor cannot detect partition lines except for above situations, the system may also not activate. Refer to "Situations where the dual sensor may not activate properly" in this section for details.

Situations where the system may activate by chance

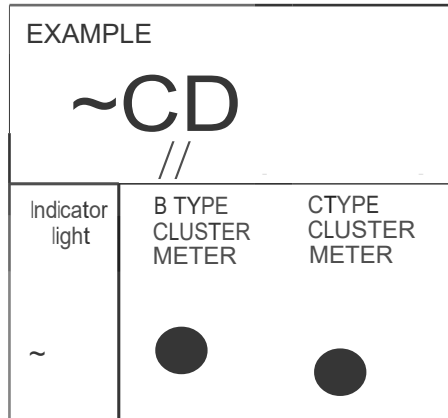
Under the following situations, the system may activate.

- When there are a lot of lines in the running lane
- When there is a shadow (for example, the shadow of the guardrail) parallel to the partition line
- When partition line is in the shadows
- When partition lines are drawn doubly  
When there is a line painted on the road of a construction zone because the previous line has not been erased completely
- When there are repair marks on the road or a boundary between asphalt and snow
- When there are tire marks on snow-covered or wet road  
When driving in the place without partition lines (such as a tollgate or checkpoint, or at an intersection, etc.)
- When driving on the road diverges, merges, etc.
- When driving on an unpaved or rough road

### Vehicle swaying warning

When you are operating at a speed of approximately 60 km/h (~37 mph) or over and the vehicle swaying warning judges that your vehicle is unsteady by detecting the meandering patterns or lane departure warning is activated in a short period of time in a row following warnings will work.

- The lane departure warning indicator light will blink  
A message will appear on the information display
- The interior buzzer will intermittently beep



52RM30930

### A. WARNING

- The vehicle swaying warning may not be suitable for every situation. Also, the system is not designed to avoid the unsteadiness of the vehicle automatically. Do not rely excessively on the system and always drive in a safe manner.
- For safety reasons, do not check the operation of the system by yourself.

#### NOTE:

*Vehicle swaying warning by the meandering pattern of the vehicle in the lane is judged based on the driving data over the past several tens of minutes, so the system does not activate when right after swaying.*

Situations where the system does not activate

Under the following situations, the system does not activate.

- When dual sensor brake support indicator light and lane departure warning indicator light are initially lighting immediately after the engine switch is pressed to change the ignition mode to ON.
- When the following switches are pushed and the system is turned off:
  - Lane departure warning OFF switch
  - ESP[®] OFF switch

## OPERATING YOURVEHICLE

- When the dual sensor is temporarily stopped or malfunctioning

### Situations where the system may not activate properly

Under the following situations, the system may not activate.

- Right after lane changing

If the dual sensor cannot detect partition lines except for above situations, the system may also not activate. Refer to "Situations where the dual sensor may not activate properly" in this section for details.

### High beam assist

After the auto high beam operation, head light is turned ON with the lighting control lever on "Auto" position when the ambient becomes dark, the system is activated. When the high beam assist is activated, high beam assist indicator light (green) comes on.

Under the any of following situations, the low beam turns on.

When vehicle speed is approximately 35 km/h (21.7 mph) or under

When the front of the vehicle is bright

When the vehicle in front of you turned on the lights

There are many street lamps in front of you

Under the all of the following conditions are met, the high beams (main beams) turns on.

- When vehicle speed is approximately 40 km/h (24.9 mph) or over
- When the front of the vehicle is dark
- When the vehicle in front of you is driving without lights
- There is few street lamps in front of you

### A WARNING

- **High beam assist has limits and may not function properly depending on the surrounding environment.**

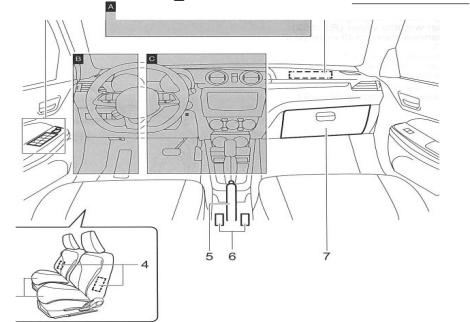
**Always drive in a safe manner, switch manually to the low beams and high beams (main beams), if necessary.**

- **Switching of the low beams and high beams (main beams) it might not match the feeling of the driver.**

### NOTE:

- *Light vehicle such as a bicycle might not detect.*
- *When the sudden acceleration, high beam assist might not operate for a few seconds, even if vehicle speed exceeds 40km/h (24.9 mph).*

### How to use High beam assist



52R40460

When the engine switch is pressed to change the ignition mode to ON, switch the lighting control lever to "AUTO" position and then push this lever forward. High beam assist indicator light comes on in green.

To cancel the function, pull the lever toward you.



52RM20740

Situations where the system does not activate

- When the high beam assist warning light (orange) comes on by the temporarily stop or malfunction of system.

**NOTE:**

*When the function of the dual sensor brake support is temporarily stopped, high beam assist will be temporarily stopped. Refer to "Temporary stop or failure of the dual sensor" in this section for details.*

- When high beam assist warning light (orange) is initially lighting immediately after the engine switch is pressed to change the ignition mode to ON.

Under the following situations, high beam may not automatically switched to low beam.

- When you pass by an oncoming vehicle on a curvy road where the visibility is poor
- When another vehicle crosses in front of you
- When the vehicle in front of you glimpses due to continuous curves, medial strip or street trees
- When the vehicle in front of you approaches towards you from the far lane
- When the vehicle in front of you is driving without lights

For the following cause, there is case where the switching timing of the high beam and low beam is varied.

- When the lights of the vehicle in front of you is dark
- When only one side of the lights of the vehicle in front of you is turned on
- The directions and movements of the vehicle in front of you
- When the vehicle in front of you is a motorcycle
- When driving on the following roads
  - On sharp curves or extremely rough surfaces
  - On a steep slope
- When your vehicle is weighed down by heavy items in the luggage compartment or rear seat

Under the following situations, the brightness of the surrounding area can not be detected accurately, and there is a case where the high beam is a nuisance to pedestrians or the vehicle ahead, or low beam will remain to continue.

In these cases, change high beam or low beam manually.

- When lights are similar to headlights or taillights are around
  - When the vehicle in front of you is driving without lights
  - When the headlights of oncoming vehicle are covered in dirt or discolored
  - When the optical axis of the headlight of oncoming vehicle is deviated
- When the brightness is changed extremely and continuously
- When driving on an undulated or bumpy road
  - When driving on the road with a lot of curves
  - When there are things that strongly reflect light, such as road signs or mirrors in front of the vehicle
  - When the rear part of the preceding vehicle strongly reflects light, such as containers
  - When the headlights of your car are damaged or covered in dirt
  - When the vehicle is tilted due to the flat tires or being towed

## OPERATING YOUR VEHICLE

Other than the described above, the dual sensor cannot be detected the vehicle in front of you or light source, and there is a case where high beam assist may not activate properly.

Refer to "Situations where the dual sensor may not activate properly" in this section for details.

### **Under the following situations, switch high beam or low beam manually.**

- When switching back and forth between the high beams (main beams) and low beams frequently
- When there is a problem using the high beams (main beams)
- When it is considered disturbing to other drivers or pedestrians

There is a case where high beams (main beams) is switched to low beams by the fog lights of the vehicle in front of you.

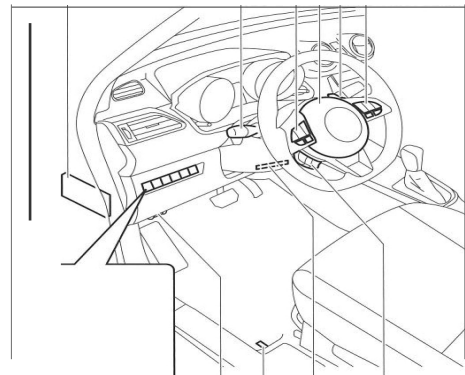
Street lights, traffic signals, and illumination of billboards or signs may cause the high beams (main beams) to switch to the low beams, or low beam to remain on.

### **Dual sensor brake support OFF switch**

You can turn off the dual sensor brake support system.

- In the following situations, push and hold the dual sensor brake support OFF switch as unexpected dangers may be possible if it is activated.
  - When the vehicle is placed upon a tester such as when undergoing a vehicle inspection
  - When the vehicle is put up on a lift, and the tires are idling
  - When the vehicle is being towed
  - When the vehicle is being carried on a car carrier
  - When the vehicle is being operated on a race track
  - When there is vinyl curtains or pendulous branches in front of the vehicle
  - When driving in the field covered with grown grass
  - When using an automatic car washer
  - When the vehicle is placed upon a car elevator or placed in a mechanical parking lot
  - With a spare tire or tire chains equipped
  - When you have a temporarily repaired flat tire
  - When you have an accident or breakdown
  - When the automatic brake system is activated frequently

- When tires are not inflated to the recommended tire inflation pressure
- With worn tires equipped
- With non-specified sized tires or wheels equipped
- With a modified suspension equipped
- When attaching an item which interferes with the visibility of the dual sensor
- When the vehicle is being weighed down by heavy items
- When the vehicle is used to tow a trailer



- When you want to turn off the system, push and hold the dual sensor brake support OFF switch (1) until the interior buzzer beeps and the dual sensor brake support OFF indicator light (2) comes on.

Perform the following method to turn the system back on.

- Push and hold the dual sensor brake support OFF switch (1) until the interior buzzer beeps and the dual sensor brake support OFF indicator light (2) goes off. Turn off the engine and then turn it on again.

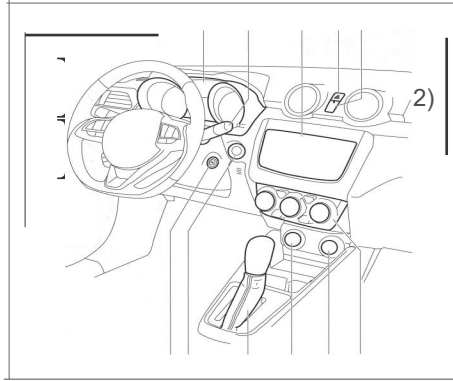
### A WARNING

**If you attempt to press the dual sensor brake support OFF switch while driving, you could lose control of the vehicle.**

**Do not press the dual sensor brake support OFF switch while driving.**

### Lane departure warning OFF switch

You can turn off the lane departure warning and the vehicle swaying warning.



52RM30380

- When you want to turn off the system, push and hold the lane departure warning OFF switch (1) until the interior buzzer beeps and the lane departure warning OFF indicator light (2) comes on.

Perform the following method to turn the system back on.

- Push and hold the lane departure warning OFF switch (1) until the interior buzzer beeps and the lane departure warning OFF indicator light (2) goes off.

### A WARNING

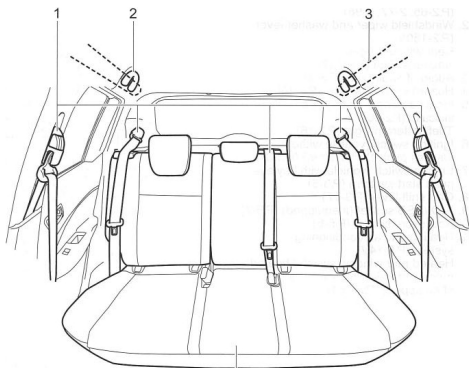
**If you attempt to press the lane departure warning OFF switch while driving, you could lose control of the vehicle.**

**Do not press the lane departure warning OFF switch while driving.**

### NOTE:

*Once the system is turned off, it does not turn on automatically, even if you turn off the engine and then start the engine again. To turn the system back on, push the switch again.*

### Handling dual sensor



(1) Dual sensor

### A WARNING

The detection performance of the dual sensor has limits and the dual sensor cannot detect all vehicles, pedestrian, object of the high beam assist (such as the lights of the vehicle in front of you, street lamps, etc.) or partition lines. Do not rely excessively on the system and always drive in a safe manner.

- Observe the following instructions in order to keep the dual sensor functioning properly. If mishandled, the dual sensor cannot accurately detect a vehicle, a pedestrian, an object of the high beam assist (such as the lights of the vehicle in front of you, street lamps, etc.) or partition lines in front of you, the system will not function properly and unexpected accidents may occur.
  - Do not touch the lens of the dual sensor.
  - Do not clean the lens of the dual sensor by yourself.
  - Do not strike the body of, or any surrounding parts of the dual sensor.

(Continued)

### A WARNING

(Continued)

- Do not remove or disassemble the dual sensor.
- Do not stick or affix anything to the lens of the dual sensor, not even clear items.

When the windshield around the dual sensor is deformed or damaged, or the windshield in front of the dual sensor is cracked because of an accident, the dual sensor cannot detect the front a vehicle, a pedestrian, an object of the high beam assist (such as the lights of the vehicle in front of you, street lamps, etc.) or partition lines properly. If driving with these damaged parts, the dual sensor brake support will not function properly and unexpected accidents may occur. Operate the dual sensor brake support OFF switch to turn off the dual sensor brake support, and ask an authorized SUZUKI dealer to have them inspected.

(Continued)

## A. WARNING

(Continued)

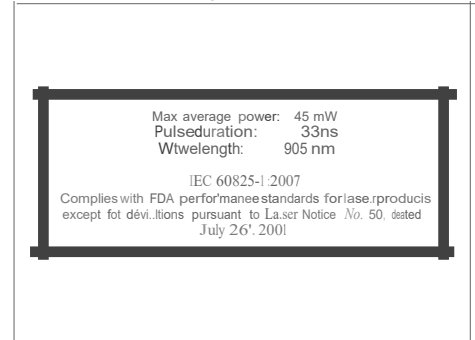
Do not apply any accessories (other than SUZUKI genuine accessories), films or stickers to the area listed below. These may affect with visibility of the dual sensor. If the area of the dual sensor is obstructed, the dual sensor cannot detect any vehicles, pedestrians, objects of the high beam assist (such as the lights of the vehicle in front of you, street lamps, etc.) properly and the dual sensor brake support may not function properly. Also, if applying them to an area other than the prohibited area, it may affect with the function of the dual sensor by reflection of light or an image. In this case, move them to another place.

- On windshield

## A. WARNING

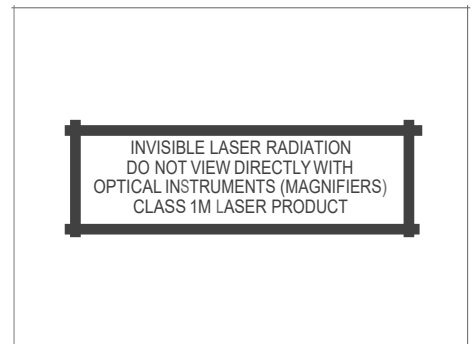
- Do not remove or disassemble laser sensor parts of dual sensor.
- Do not look into irradiation portion of dual sensor by using the optical instrument such as magnifying glass, the objective glass, etc at distance within 10 cm (3.9 inch) from dual sensor when the ignition mode is "ON". Your eyes might be damaged by laser.

### Laser explanatory label



52RM30510

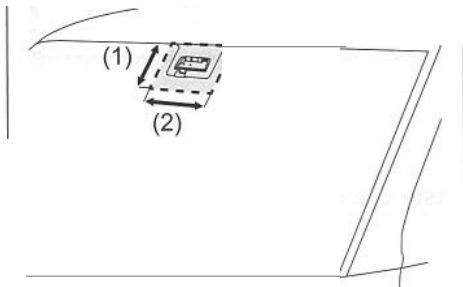
### Laser classification label



52RM30520

### A WARNING

**Do not stick a sticker or a film (including transparent thing) on the front of dual sensor of the windshield as shown in the below illustration**



52RM30600

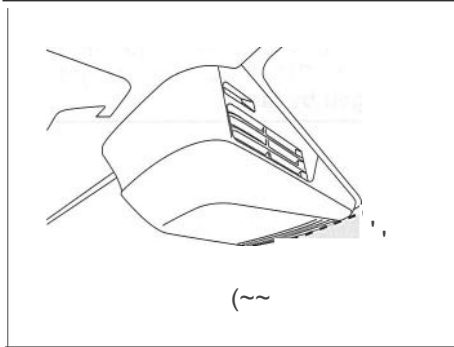
(1) (2) Prohibited area

The prohibited area (1) and (2) are shown as below.

- (1) From top edge of windshield to dual sensor approximately 10 cm (3.9 inch) below of the bottom end of dual sensor
- (2) Approximately 20 cm (7.8 inch) from the center of dual sensor to right and left approximately 10 cm (3.9 inch)

### A WARNING

**Do not stick a sticker or a film (including transparent thing) below the dual sensor camera inside the windshield shown as following illustration.**



52RM30610

(3) (4) Prohibited area

The prohibited area (3) and (4) are shown as below.

- (3) To approximately 10 cm (3.9 inch) below the bottom end of dual sensor
- (4) Approximately 20 cm (7.8 inch) from the center of dual sensor to right and left approximately 10 cm (3.9 inch)

When there is a large temperature gap between inside of the vehicle and outside air (such as winter), windshield is easy to fog. If the front portion of dual sensor on the windshield is fogged up or covered with condensation or ice, dual sensor brake support may not activate temporarily. In this case, use the front defroster to remove the fog, etc.

When cleaning inside of the windshield, do not adhere the glass cleaner to lens.

Temporary stop or failure of the dual sensor

The following chart shows the temporary stop or failure of the dual sensor.

		Dual sensor	
		Temporary Stop	Failure
(1)	!!	On	
(2)	1!a	On	
(3)	=@	On	
(4)	B TYPE CLUSTER METER  (#1)	CTYPE CLUSTER METER <b>1</b> (#1)	On Off
	B TYPE CLUSTER METER 	CTYPE CLUSTER METER <b>1</b>	Off On

- (1) Dual sensor brake support indicator light
- (2) Lane departure warning indicator light
- (3) High beam assist warning light (orange)
- (4) Indication of information display

#1: Depending on the cause of the temporary stop or failure, the following message may appear simultaneously.

**EXAMPLE**

B TYPE CLUSTER METER



C TYPE CLUSTER METER

**1**

B TYPE CLUSTER METER



CTYPE CLUSTER METER

**1**

52RM30570

### NOTE:

*When the function of the dual sensor is temporarily stopped or malfunctioning, all of following functions will be turned off.*

- Dual sensor brake support
- Lane departure warning
- Vehicle swaying warning
- High beam assist

### Temporary stop of the dual sensor

Under the following situations, the function of the dual sensor stops temporarily. When the situations are improved, the temporary stop of the function will be canceled.

- When the visibility of the dual sensor is poor  
Refer to "Situations where the dual sensor may not activate properly" in this section for details.
- When the temperature of the body of dual sensor is high
- When the systems related to the dual sensor brake support are stopped temporarily
- When the battery has a voltage abnormality

### Failure of the dual sensor

When the dual sensor is failure, the function of the dual sensor is stopped until the engine switch is pressed to change the ignition mode to LOCK (OFF).

Find a safe place to park and change the ignition mode to LOCK (OFF) by pressing the engine switch.

Restart the engine, and check that the dual sensor brake support indicator light and lane departure warning indicator light go off.

- If both of the indicators stay on after restarting the engine, there may be a failure of the dual sensor. Ask an authorized SUZUKI dealer to have the dual sensor inspected.

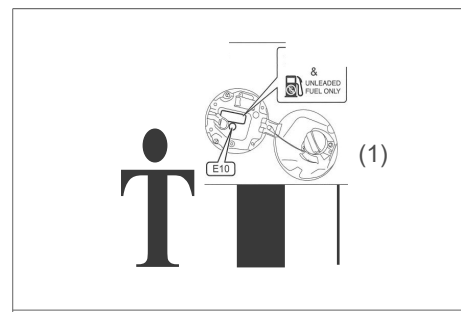
### NOTE:

*Under the following situations, the dual sensor brake support indicator light and lane departure warning indicator light come on after the engine has been started, it does not indicate a malfunction. Once the engine switch is pressed to change the ignition mode to LOCK (OFF) and then the engine is restarted, these indicators will go off.*

- When the automatic brake system has been operating 3 times
- When the automatic brake system has been operating for long periods
- The function of the dual sensor is stopped if the dual sensor brake support indicator light and lane departure warning indicator light come on and there may be a failure of the dual sensor, but it does not hinder normal driving.

### Pedestrian detection

The dual sensor detects pedestrians by whose size, shape or motion.



75RM236

(1) About 1 - 2 m (3.3 - 6.6 ft)

### A. WARNING

**Even when the detection conditions are satisfied, not all pedestrians may be detected by the dual sensor. In the following situations, there may be a high possibility of undetectable or delay of detection. Always drive in a safe manner.**

- A person who walks in a group
- A person who walks beside a wall or another obstacle
- A person who has an umbrella up
- A person whose color is similar to the background and who is blended into the scenery

(Continued)

## A WARNING

(Continued)

- A person who has a big luggage
- A person who walks with a stooped posture
- A person who is lying down
- A person who is in a dark place
- A person who jumps out in front of you
- A person at night

### Situations where the dual sensor may not activate properly

In the following situations, there may be a high possibility that the dual sensor cannot detect a vehicle, a pedestrian, an object of the high beam assist (such as the lights of the vehicle in front of you and street lamps, etc.) or partition lines. Also the function of the dual sensor may be stopped temporarily. When the situations are improved, the temporary stop of the function will be canceled.

### EXAMPLE

*cfm y!~(\$!J!!!*

81M40380

- When there is bad weather such as heavy rain, fog or a blizzard
- When the dual sensor is hit by a bright light such as sunlight or the headlight of an oncoming vehicle
- When there is a sight of similar tone and color such as a snowscape
- When there is a dark place and no landmark around
- Front visibility is poor due to that there is water vapor, sand or smoke or when the vehicle in front of you is surrounded by exhaust gas, water or snow
- When your vehicle gets close to an object in a dark place such as at dusk, at dawn or an indoor parking lot
- When the windshield is covered in fog, snow, ice or dirt
- When a raindrop, water or dirt on the windshield is not wiped up enough
- While using the windshield washer
- When a wiper blade other than SUZUKI genuine parts, including short type wiper blade is used
- Lens of dual sensor is dirty or damaged

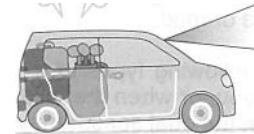
### EXAMPLE



72M20423

- When the vision of the dual sensor is obstructed with the followings:
  - A sticker or film on the windshield
  - An accessory on the windshield
  - A crack or scratch on the windshield
  - A long object such as a roof carrier or ski board on the roof

### EXAMPLE



72M20405

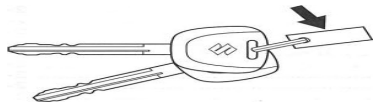
- When your vehicle is weighed down by heavy items in the luggage compartment or rear seat
- When wheel alignment is deviated
- When the tires are not inflated to the recommended tire inflation pressure or the tires are worn
- With tire chains or non-specified sized tires equipped
- When you have a temporarily repaired flat tire
- With a modified suspension equipped
- When passing through the entrance or exit of the tunnel and the brightness is changed extremely
- When driving without lighting the headlights at night or in tunnels
- When driving on the following roads

## OPERATING YOURVEHICLE

- On sharp curves or extremely rough surfaces
- On a steep slope
- On seam of the road
- When vehicle is swaying
- When the optical axis of the headlight is deviated
- With modified headlights and/or front fog lights equipped
- When the headlights are covered in dirt, snow, ice or mud

When the following types of a vehicle are in front of you, or when the following situations occur, the dual sensor may not detect a vehicle in front of you or may need more time to detect a vehicle.

### EXAMPLE



72M20407

- Vehicles in front of you have small, low, or uneven backs such as a car carrier trailer
  - A truck without side or back gales, and when mounting no luggage on the cargo bed
  - A vehicle with luggage protruding out from the back

- A specially shaped vehicle such as a car carrier trailer or a motorcycle with sidecar
- A low-slung vehicle
- When ground clearance of vehicle in front of you is extremely high.
- An oncoming vehicle or retreating vehicle
- A vehicle facing sideways
- A vehicle in front of you without turning on the tail lights at night or in tunnels
- When a vehicle in front of you reflects sunlight strongly
- There is a wall in front of the parked vehicle
- There is another obstacle beside a vehicle

### EXAMPLE



72M20406

- When only a part of the vehicle in front of you is within the dual sensor detection field
- When the difference of speed between the vehicle in front of you and your vehicle is increased
- When the distance to the vehicle in front of you is short

- When the vehicle in front of you is difficult to reflect the laser beam
- When driving on a curve
- For a while after escaping from a curve
- When the vehicle in front of you turns, accelerates or decelerates suddenly
- A vehicle in front of you jumps out
- When you change the lane and approach the leading vehicle

When the following types of partition lines are in front of you, or when the following situations occur, the dual sensor may not detect the lines or may need more time to detect the lines.

- The narrow lane width
- When the lane is difficult to detect
  - No partition lines, or faded lines
  - The color of partition lines is similar to the road
  - The width of partition lines is narrow
  - The partition lines has blurred
  - There are road studs or stones
  - The partition lines can not be seen, or difficult to see due to sand, etc.
  - Driving on a road that is wet due to rain, after the rain, puddles, etc.
  - The partition lines drew on a curb
  - Driving on a road that is bright due to reflected light, etc.
- When the distance to the vehicle in front of you is short
- Immediately after the lane change, or immediately after passing through the intersection.

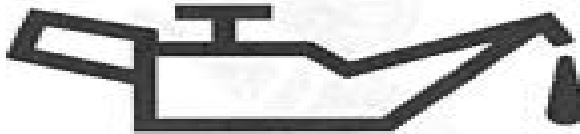
## Emergency stopsignal (ESS)

ESS stands for Emergency Stop Signal.

ESS is a feature that gives a warning to a following vehicle by flashing all turn signal lights faster than usual if all the following conditions are met. Also, within these conditions, it will flash along with your turn signal in the instrument cluster.

- When you slam down on the brakes at speeds of approximately 55 km/h (34 mph) or over.
- When the ABS is activated or when you suddenly brake similar to activating the ABS.

### EXAMPLE



74P40170

The ESS will stop functioning in the following situations:

- When you release the brake
- When the ABS is no longer activated
- When you turn on the hazard warning switch
- When the car is no longer rapidly decelerating

### ⚠ WARNING

**Although the ESS is designed to reduce the number of rear-end crashes that occur from sudden braking by warning a following vehicle it cannot prevent all crashes. Always make an effort to drive safely and avoid unnecessary sudden braking when stopping or decelerating.**

### NOTE:

*The ESS feature cannot be deactivated. Use of the hazard warning switch should be given preference over the ESS.*

*When driving on the following surfaces and the ABS gives out momentarily, the ESS may not function.*

- When driving on slippery surfaces
- When driving over bumps on the road such as highway joint seams

## Rearview camera (if equipped)

When the gearshift lever is shifted to "R" position while the ignition switch is in "ON" position or the ignition mode is "ON", the rearview camera system automatically shows the view behind the vehicle on the display.

### A WARNING

The distance viewed in the rearview camera may differ from the actual distance according to the condition of road or the load the vehicle is carrying. Since the camera display area is also limited, backing up by only looking at the display may cause an accident or a crash with an object.

The rearview camera cannot replace the driver's attention. The driver alone is responsible for parking and similar driving maneuvers.

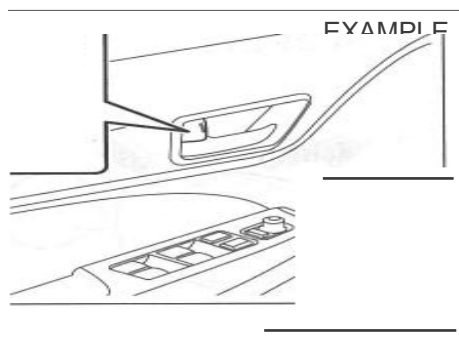
- Use the rearview camera only to provide driving assistance.
- Always drive carefully confirming the safety of the rear and the surrounding conditions by looking directly with your eyes and using the rear view mirror.
- Check that the tailgate is securely closed when backing up.

### NOT/CE

If you use the rearview camera for a long time when the ignition switch is in "ON" position or the ignition mode is "ON", but the engine is not running, the lead-acid battery may discharge.

Do not leave the ignition switch in "ON" position or the ignition mode "ON" for a long time when the engine is not running.

## Rearview camera location



52RM30220

### (1) Rearview camera

The rearview camera is installed beside the license plate light.

### NOTICE

The rearview camera is a precision instrument. If you strike the camera, it may be broken and cause damage resulting in a catch fire or a malfunction.

- Do not strike the camera.
- Do not remove snow or mud on the camera lens with a stick.

### NOTICE

If water enters the rearview camera, it may cause a malfunction or catch fire.  
Do not use high pressure water around the camera

### NOTICE

This lens is hard coated to prevent damage or discoloration. Damage or discoloration of lens may obscure the image.

- Do not use a brush to clean lens
- Do not use alcohol, benzene or thinner to clean the lens
- Do not use wax on the camera lens.

#### NOTE:

If body wax gets on the camera lens, wipe off the wax with a clean cloth dampened with mild detergent diluted with water, and then wipe the lens with a dry cloth.

### How to use rearview camera

- 1) Turn the ignition switch to "ON" position or press the engine switch to change the ignition mode to "ON".
- 2) Shift the gearshift lever in "R" position.
  - The display automatically shows the view behind the vehicle.
  - When the gearshift lever is shifted from "R" to another gearshift lever position, the display returns to the previous display.

#### NOTE:

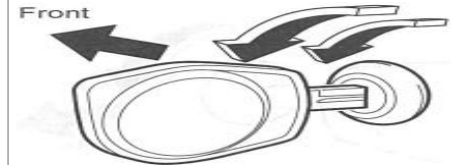
The rearview camera display has *first priority* in any display mode. However, the rearview camera display does not show the rear view while the system is initializing.

### Display range of rearview camera

The rearview camera display shows the area behind the rear end of the bumper. The display cannot show objects which are close to the bumper or under the bumper. The rearview camera display cannot show obstacles which are higher than the camera. Upper parts of tall objects such as road signs cannot be viewed on the display.

### Display range of rearview camera

#### EXAMPLE



52RM30770

#### EXAMPLE

(1)



68PH00317

(1) Display range

## OPERATING YOURVEHICLE

### NOTE:

Images shown on the display from the rearview camera are reversed images (mirror images).

The colors of objects on the rearview camera may differ from the actual object colors.

The rearview camera display may be difficult to see under the following conditions, but this is not a system malfunction.

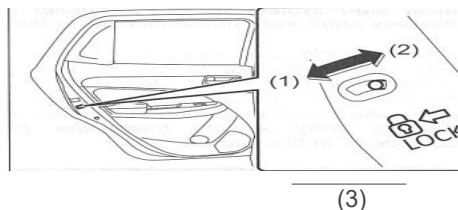
- In dark areas, on a rainy day or at night
- When the temperature around the lens is too high/low, or the camera is wet such as on a rainy day or during periods of high humidity (dew condensation may occur on the camera lens).
- When a foreign object such as mud or a drop of water is stuck around the camera lens.
- When strong light directly enters the camera (vertical lines may be seen on the display).
- Under fluorescent light. (The display may flicker.)
- When the outside temperature is low (the image on the display may be darkened).

### Rearview camera screen indication

The distance viewed in the rearview camera may differ from the actual distance according to the condition of the road or the load the vehicle is carrying.

### Uphill incline behind the vehicle

#### EXAMPLE



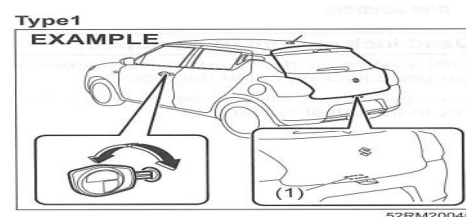
52RM30780

- (1) Object
- (2) Actual distance
- (3) Distance on the display

When there is an uphill incline behind the vehicle, the object shown on the display appears farther away than the actual distance.

### Downhill incline behind the vehicle

#### EXAMPLE



52RM30790

- (1) Object
- (2) Actual distance
- (3) Distance on the display

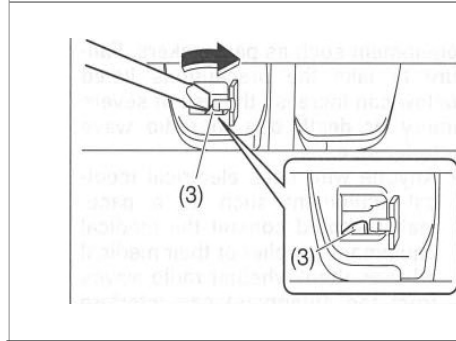
When there is a downhill incline behind the vehicle, the object shown on the display appears closer than the actual distance.

If the rear view from the rearview camera is not shown or there is a poor image

- If the rear view from the rearview camera is not shown.
  - Check that the ignition switch is in "ON" position or the ignition mode is "ON".
  - Check that the gearshift lever is shifted to "R" position.
- If the image from the rearview camera is poor.
  - Check that the camera lens is not dirty.
  - Check that light from the sun or the beam of the headlights from the vehicle behind is not shining directly into the lens.

If the rearview camera system is still not working properly after checking the above, have the system inspected by an authorized SUZUKI dealer as soon as possible.

## Braking



60GI65S

The distance needed to bring any vehicle to a halt increases with the speed of the vehicle. The braking distance needed, for example, at 60 km/h (37 mph) will be approximately 4 times greater than the braking distance needed at 30 km/h (19 mph). Start to depress the brake pedal when there is plenty of distance between your vehicle and the stopping point, and slow down gradually.

## A. WARNING

If water gets into the brake devices, brake performance may become poor and unpredictable. After driving through water or washing the underside of the vehicle, test the brakes while driving at a slow speed to see if they have maintained their normal effectiveness. If the brakes are less effective than normal, dry them by repeatedly applying the brakes while driving slowly until the brakes have regained their normal effectiveness.

## Power-assisted brakes

Your vehicle has power-assisted brakes. If power assistance is lost due to a stalled engine or other failures, the system is still fully operational on reserve power and you can bring the vehicle to a complete stop by pressing the brake pedal once and holding it down. The reserve power is partly used up when you depress the brake pedal and reduces each time the pedal is pressed. Apply smooth and even pressure to the pedal. Do not pump the pedal.

### A WARNING

Even without reserve power in the brake system, you can still stop the vehicle by pressing the brake pedal harder than normally required. However, the stopping distance may be longer.

### Brake assist system

When you slam the brakes on, the brake assist system determines it to be an emergency stop and provides more powerful braking for a driver who cannot hold down the brake pedal firmly.

#### NOTE:

*If you quickly and forcefully depress the brakes, you may hear a clicking sound in the brake pedal. This is normal and indicates that the brake assist system is activated properly.*

### Anti-lock brake system (ABS)

ABS will help you avoid skidding by electronically controlling braking pressure. It will also help you maintain steering control when braking on slippery surfaces or when braking hard.

The ABS works automatically, so you do not need any special braking technique. Just push the brake pedal down without pumping. The ABS will operate whenever

it senses that the wheels are locking up. You may feel the brake pedal move a little while the ABS is operating.

#### NOTE:

- *The ABS will not work if vehicle speed is under about 9 km/h (6 mph).*
- *If the ABS system is activated, you may hear a clicking noise and/or feel pulsating in the brake pedal. This is normal and indicates that the brake fluid pressure is being controlled properly.*
- *You may hear an operation sound when you start the engine or after the vehicle begins to move. This means that the above systems are in the self-check mode. This sound does not indicate a malfunction.*

### A WARNING

- On some types of loose surfaces (such as gravel, snow-covered roads, etc.), the stopping distance required for a vehicle with ABS may be slightly greater than the one required for a comparable vehicle with a conventional brake system. With a conventional brake system, skidding tires are able to plow the gravel or snow layer, shortening the stopping distance. ABS minimizes this resistance effect. Allow for extra stopping distance when driving on loose surfaces.

(Continued)

### A WARNING

(Continued)

- On regular paved roads, some drivers may be able to obtain slightly shorter stopping distances with conventional brake systems than with ABS.
- In both of the above conditions, ABS will still offer the advantage of helping you maintain directional control. However, remember that ABS will not compensate for bad road or weather conditions or poor driver judgment. Use good judgment and do not drive too fast.

(8)

(1)

CCD)

(2)

54MN069

- (1) ABS warning light  
(2) Brake system warning light

**A WARNING**

- If the ABS warning light (1) on the instrument cluster comes on and stays on while driving, there may be a problem with the ABS system. Ask an authorized SUZUKI dealer to inspect the ABS system immediately. If the ABS system becomes inoperative, the brake system will function as an ordinary brake system that has no ABS.
- If the ABS warning light (1) and the brake system warning light (2) on the instrument cluster simultaneously stay on or come on while driving, both anti-lock function and rear brake force control function (proportioning valve function) of the ABS system may have failed. If so, the rear wheels may easily skid or the vehicle can even spin in the worst case when braking on a slippery road or when hard braking even on a dry paved road. Ask an authorized SUZUKI dealer to inspect the ABS system immediately. Drive carefully, avoiding hard braking as much as possible.

**How ABS works**

A computer continuously monitors wheel speed. The computer compares the changes in wheel speed when braking. If the wheels slow suddenly, indicating a skidding situation, the computer will change braking pressure several times each second to prevent the wheels from locking. When you start your vehicle or when you accelerate after a hard stop, you may hear a momentary motor or clicking noise as the system resets or checks itself.

**A WARNING**

The ABS may not work properly if tires or wheels other than those specified in the owner's manual are used. This is because the ABS works by comparing changes in wheel speed. When replacing tires or wheels, use only the size and type specified in this owner's manual.

**Electronic stability program (ESP®)**

ESP® is a registered trademark of Daimler AG.

The Electronic Stability Program (ESP®) helps to control the vehicle during cornering if front wheels or rear wheels skid. It also assists you in maintaining traction while accelerating on loose or slippery road surfaces. It does this by regulating the engine's output, and by selectively applying the brakes. In addition, ESP helps to avoid skidding by controlling braking pressure.

**A WARNING**

The ESP® cannot enhance the vehicle's driving stability in all situations and does not control your vehicle's entire braking system. The ESP® cannot prevent accidents, including those resulting from excessive speed in turns, or hydroplaning. Only safe and attentive drive can prevent accidents. The capabilities of an ESP®-equipped vehicle must never be used as a substitute for careful driving.

## OPERATING YOUR VEHICLE

The ESP® has the following three systems:

### Stability control system

The vehicle stability control system helps provide integrated control of systems such as anti-lock brakes, traction control, engine control, etc. This system automatically controls the brakes and engine to help prevent the vehicle from skidding when cornering on a slippery road surface or when turning the steering wheel abruptly.

### Traction control system

The traction control system automatically helps prevent the spinning of wheels when the vehicle is started or accelerated on slippery road surfaces. The system operates only if it senses that some of the wheels are spinning or beginning to lose traction. When this happens, the system operates the front or rear brakes and reduces engine power to limit wheel spin.

#### NOTE:

*You may hear an operation sound when you start the engine or after the vehicle begins to move. This means that the above systems are in the self-check mode. This sound does not indicate a malfunction.*

### Anti-lock brake system (ABS)

ABS will help you avoid skidding by electronically controlling braking pressure. It will also help you maintain steering control when braking on slippery surfaces or when braking hard. The ABS works automatically, so you do not have to use any special braking technique. Just push the brake pedal down without pumping. The ABS will operate whenever it senses that wheels are locking up. You may feel the brake pedal pulsate while the ABS is operating. (For more information on ABS, see "Braking" in this section.)

#### NOTE:

*The ABS will not work if vehicle speed is under about 9 km/h (6 mph).*

#### A. WARNING

- The ESP® may not work properly if tires or wheels other than those specified in the owner's manual are used. When replacing tires or wheels, use only the size and type specified in this owner's manual.
- The ESP® may not work properly if tires are not inflated to the recommended tire inflation pressure. The ESP® may not work properly if tires are fitted with tire chains.

(Continued)

#### A. WARNING

(Continued).

- The ESP® may not work properly if the tires are excessively worn. Replace tires when the tread wear indicators in the grooves appear on the tread surface.
- The ESP® is not a substitute for winter tires or tire chains on a snow-covered road.

#### A. WARNING

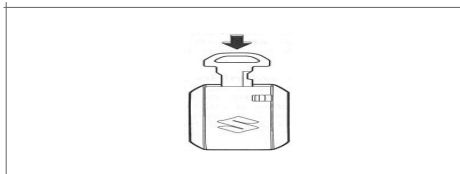
- The ESP® may not work properly if engine related parts such as the muffler are not equivalent to standard equipment or are extremely deteriorated.
- Do not modify the vehicle's suspension since the ESP® may not work properly.

#### NOTE:

- If the ESP system is activated, you may hear a clunking noise and/or feel pulsating in the brake pedal. This is normal and indicates that the brake fluid pressure is being controlled properly. You may hear an operation sound when you start the engine or after the vehicle begins to move. This means that the above systems are in the self-check mode. This sound does not indicate a malfunction.

The ESP® indicator lights are described below:

### ESP® warning light



52KM133

This light blinks 5 times per second when one of the following systems is activated.

- Stability control system
- Traction control system

If this light blinks, drive carefully.

When the ignition switch is turned to "ON" position, or the engine switch is pressed to change the ignition mode to "ON", this light comes on briefly so you can check that the light is working.

### NOTE/CE

If the ESP® warning light comes on and stays on while driving, there may be a malfunction of the ESP® systems (other than ABS). You should have the systems inspected by an authorized SUZUKI dealer.

### NOTE:

*When the ESfffe warning light comes on and stays on while driving, indicating a malfunction of the ESfffe systems (other than ABS), the brake system will function as an ordinary ABS with no additional ESfffe functions.*

### ESP® OFF indicator light

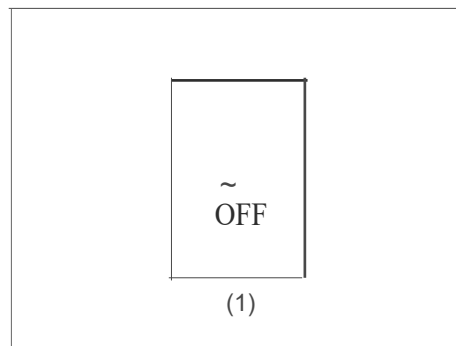


57L30045

You should turn the ESP® on during your ordinary driving, so that you have the benefits of all of the ESP® systems.

It may be required to turn the ESP® systems (other than ABS) off if your vehicle is stuck in sand, mud, or snow, where wheel spin is necessary.

### ESP® OFF switch



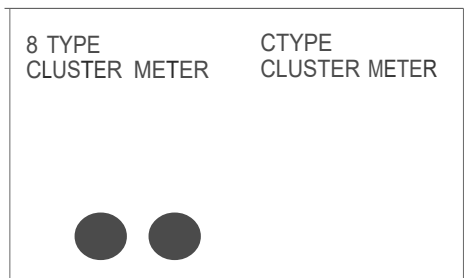
75RM055

### (1) ESP® OFF switch

When the ESP® OFF switch located at the instrument panel is pushed and held to turn off the ESP® systems (other than ABS), the ESP® OFF indicator light in the instrument cluster comes on.

When you have turned the ESP® systems (other than ABS) off, turn them back on before resuming ordinary driving.

When you push the ESP® OFF switch again, the ESP® OFF indicator light will go out and all of the ESP® systems will be activated.



If the message shown in the above illustration appears on the information display there may be a problem with the ESP system. Have your vehicle inspected by an authorized SUZUKI dealer.

## NOTE:

*The ESP® system w/1 not activate while this message is displayed.*

## NOTE:

- If your vehicle is equipped with the radar brake support system, when the Esp® system is turned off, the radar brake support system w/1 be turned off.*
- If your vehicle is equipped with the dual sensor brake support system, when the Esp® system is turned off, dual sensor brake support system, Lane departure system and vehicle swaying warning w/1 be turned off. (High beam assist does not turn off.)*

## ABS warning light / brake system warning light

See "Braking" in this section.

## Hill hold control system (if equipped)

The hill hold control system is designed to assist you in starting to move up hills. When you start to move up a hill, the system helps to prevent the vehicle from rolling downward (for approximately 2 seconds) while you move your foot from the brake pedal to the accelerator pedal.

## A WARNING

- Do not rely excessively on the hill hold control system. The hill hold control system may not prevent the vehicle from rolling downward on a hill under all load or road conditions. Always be prepared to depress the brake pedal to prevent the vehicle from rolling downward. Failure to pay attention and depress the brake pedal to hold the vehicle on a hill when necessary, may result in loss of control or an accident.
- The hill hold control system is not designed to stop the vehicle on a hill.

(Continued)

## A WARNING

(Continued)

- After you release your foot from the brake pedal, accelerate the vehicle to move up immediately. If you release your foot from the brake pedal over 2 seconds, the hill hold control system will be canceled. If so the vehicle may roll downward, which can result in an accident depending on the degree of slope. And, the engine may stall and the power assist for the steering and brakes will not work so steering and braking will be much harder than usual which can result in an accident or vehicle damage.

The hill hold control system activates for a maximum of about 2 seconds if your foot is moved from the brake pedal when the following conditions are all met.

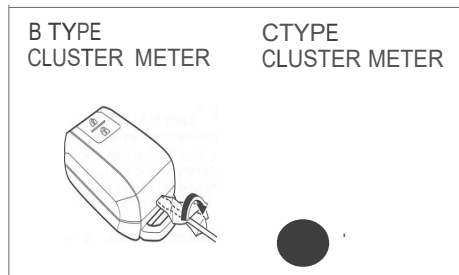
- The gearshift lever is in a forward gear or reverse gear.
- The parking brake is released.
- The vehicle is on an upward incline.

On models equipped with the ENG A-STOP system, the hill hold control system is activated when the engine is restarted after being stopped automatically, even if the previous conditions are not met.

**NOTE:**

When the hill hold control system is activated, the following conditions may be found, but this is *not* a malfunction.

- You may hear a sound from the engine room.
- As brake pedal becomes heavy, it may be difficult for you to depress it.



52RM30810

If the message shown in the above illustration appears on the information display, there may be a problem with the hill hold control system. Have your vehicle inspected by an authorized SUZUKI dealer.

**NOTE:**

The hill hold control system will not activate while this message is displayed.

## Tire pressure monitoring system (TPMS)

The tire pressure monitoring system is designed to alert you when one or more of the tires on your vehicle is significantly under-inflated. The tire pressure monitoring system (TPMS) sensor containing a unique identification code is mounted on each wheel. The TPMS sensors transmit tire pressure signals to the receiver of the tire pressure monitoring system controller. When the inflation pressure of one or more tires indicates significant under-inflation, the low tire pressure warning light shown below comes on.

**NOTE:**

The word "telltale" in this section, means an indicator.

## Low tire pressure warning light

rn

520305

Each tire should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label. (If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires.)

As an added fuel efficiency feature, your vehicle has been equipped with a tire pressure monitoring system (TPMS) that illuminates a low tire pressure telltale when one or more of your tires is significantly under-inflated.

Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure.

Driving on a significantly under-inflated tire causes the tire to overheat and can lead to tire failure. Under-inflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability.

Please note that the TPMS is not a substitute for proper tire maintenance, and it is the driver's responsibility to maintain correct tire pressure, even if under-inflation has not reached the level to trigger illumination of the TPMS low tire pressure tell-tale.

### ⚠ WARNING

Relying only on the tire pressure monitoring system to determine when it is necessary to add air to the tires can result in loss of control or an accident.

Check tire inflation pressures monthly when the tires are cold. If necessary, adjust them to the recommended inflation pressure as specified on the vehicle's tire information placard and in this owner's manual. Refer to "Tires" in "INSPECTION AND MAINTENANCE" section.

### ⚠ WARNING

Failure to take corrective action when the low tire pressure warning light is not working or when it comes on and blinks while driving can lead to an accident.

If the low tire pressure warning light does not come on for 2 seconds after the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to "ON", or comes on and blinks while driving, have your vehicle inspected by an authorized SUZUKI dealer. Even if the light turns off after blinking, indicating that the monitoring system has recovered, you should still have the system checked by an authorized SUZUKI dealer.

### ⚠ WARNING

The load-carrying capacity of your tires is reduced at lower inflation pressures. If your tires are even moderately under-inflated, the load on the tires may exceed the load-carrying capacity of the tires, which could lead to tire failure. The low tire pressure warning light will not alert you to this condition, because it only comes on when one or more of your tires becomes significantly under-inflated.

Check and adjust your tire inflation pressure at least once a month. Refer to "Tires" in "INSPECTION AND MAINTENANCE" section.

## ⚠ WARNING

Continuing to drive with the low tire pressure warning light on can lead to an accident, resulting in severe injury or death.

If the low tire pressure warning light comes on and stays on, reduce your speed and avoid abrupt steering and braking. Be aware that driving on a significantly under-inflated tire can cause the tire to overheat and can lead to tire failure, and may affect steering control and brake effectiveness. Stop in a safe place as soon as possible and check your tires.

- If you have a flat tire, replace it with the spare tire (if equipped). Refer to "Jacking instructions" in "EMERGENCY SERVICE" section for the tire replacement method. Also refer to "Replacing tires and/or wheels" for instructions on how to restore normal operation of the TPMS after you have had a flat tire.

(Continued)

## ⚠ WARNING

(Continued)

- If your vehicle is equipped with a flat tire repair kit instead of a spare tire, refer to "Flat tire repair kit (if equipped)" in "EMERGENCY SERVICE" section for instructions on how to perform an emergency repair of a flat tire.
- If one or more of your tires is under-inflated, adjust the inflation pressure in all of your tires to the recommended inflation pressure as soon as possible.

The low tire pressure warning light can come on due to normal causes such as natural air leakage and pressure changes caused by changes in temperature or atmospheric pressure. Adjusting the air pressure in the tires to the pressure shown on the tire information placard should cause the low tire pressure warning light to turn off.

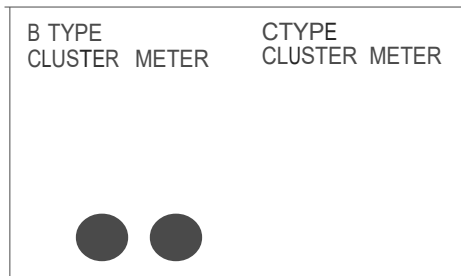
To make the low tire pressure warning light go off, adjust the tire pressures when the tires are cold, and drive the vehicle for about 10 minutes.

When the adjusted tire pressure is recognized, the low tire pressure warning light will go off and the information display shows the current tire pressure (if you select the TPMS monitor (if equipped)).

## NOTICE

If the low tire pressure warning light does not go off even when you drive for more than 10 minutes after adjusting the cold tire pressure, there may be a problem with the TPMS. Have your vehicle inspected by an authorized SUZUKI dealer.

If the light turns on again shortly after adjusting the pressure in your tires, you may have a flat tire. If you have a flat tire, replace it with the spare tire (if equipped). Refer to "Jacking instructions" in "EMERGENCY SERVICE" section. Refer to "Replacing tires and/or wheels" for instructions on how to restore normal operation of the tire pressure monitoring system after you have had a flat tire.



52RM30820

### NOTE:

- For a certain type of instrument cluster only, the information display shows the above warning and indicator message when this light comes on.
- When the tire inflation pressure is adjusted in high altitude areas, the low tire pressure light may not turn off even after tire inflation pressure adjustment. In this case, adjust the inflation pressure to a slightly higher pressure than the one shown on the tire information placard.
- The low tire pressure warning light may turn off temporarily after coming on. This could be due to increase of surface temperature after long distance driving or traveling to a high temperature area. Even if the tire pressure warning light turns off after coming on, check the inflation pressure of all tires.
- To reduce the chance that the low tire pressure warning light will come on due to normal changes in temperature and

atmospheric pressure, it is important to check and adjust the tire pressures when the tires are cold. If you check tires after driving, they are warm. Even if the tire pressure seems to be good in this condition, it could fall below the specified pressure when tires cool down. Also, if tires are inflated to the specified pressure in a warm garage, the tire pressure could fall below the specified one when you drive the vehicle outside in very cold temperature. If you adjust the tire pressure in a garage that is warmer than the outside temperature, you should add 1 kPa to the recommended cold tire inflation pressure for every 0.8°C difference between garage temperature and outside temperature.

### TPMS malfunction indicator

Your vehicle has also been equipped with a TPMS malfunction indicator to indicate when the system is not operating properly.

The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for about 75 seconds and then remain continuously illuminated. This sequence will continue upon subsequent vehicle start-ups as long as the malfunction exists.

The TPMS malfunction indicator is not reset even after the engine is turned off; it remains in the ON state until the normal conditions are restored.

When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure the replacement or alternation of tires and wheels to allow the TPMS to continue to function properly.

### NOTICE

The tire pressure sensors can be damaged if you do not take proper precautions.

- We highly recommend that you have tires repaired or replaced by an authorized SUZUKI dealer. The tire pressure sensors can be damaged by installation or removal of tires.
- Do not use liquid sealants for a flat tire unless your vehicle is equipped with a flat tire repair kit instead of a spare tire.

### NOTICE

If the low tire pressure warning light comes on frequently, there may be something wrong with one or more of the tires, tire pressure sensors or the monitoring system.

If the low tire pressure warning light comes on frequently, have your vehicle inspected by an authorized SUZUKI dealer.

B TYPE  
CLUSTER METER

CTYPE  
CLUSTER METER



52RM30830

### NOTE:

*For a certain type of instrument cluster only, the information display shows the above warning and indicator message when this light comes on.*

### TPMS limitations

The tire pressure monitoring system may not function properly under certain circumstances. In the following situations, the low tire pressure warning light may come on and remain on or may blink.

- When you replace a flat tire with the spare tire.
- When you include a spare tire during a tire rotation.
- When the TPMS sensor is damaged during a tire replacement or liquid sealants are used to repair a flat tire.
- When the electronic signal of TPMS sensor is disturbed in one of the following ways:
  - Electric devices or facilities using similar radio wave frequencies are nearby.
  - A metallic film that may cause radio wave interference is attached on the window.
  - A lot of snow or ice covers the vehicle, in particular, around the wheels or wheel housings.
  - Snow tires that are not installed with genuine TPMS sensors or tire chains are used.

When you use non-genuine SUZUKI wheels or tires.

- When the pressure of any tire is too high.
- When there is a problem with the receiver of the TPMS controller.

### TPMS setting (For instrument cluster - Type A)

- You can set one of the initial value of tire pressure below that is indicated on the tire information label.
  - Comfort Mode
  - Load Mode

For details on how to set the mode, refer to "Setting mode" in "BEFORE DRIVING" section.

#### A WARNING

If the loading weight has changed, adjust the tire pressure according to the tire information label and set the initial value via the information display. If the loading weight, tire pressure and initial value do not match, the tire pressure monitoring system will not function properly.

### TPMS setting (For instrument cluster • Type B or C)

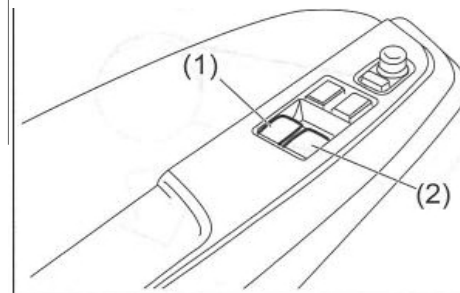
- You can check the current tire inflation pressure on the information display.
- You can set one of the initial value of tire pressure below that is indicated on the tire information label.
  - Comfort Mode
  - Load Mode

#### A WARNING

If the loading weight has changed, adjust the tire pressure according to the tire information label and set the initial value via the information display. If the loading weight, tire pressure and initial value do not match, the tire pressure monitoring system will not function properly.

To check the current tire inflation pressure

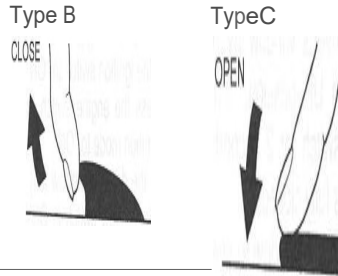
#### EXAMPLE



52RM20560

- 1) When the ignition mode is "ON" and the vehicle is stationary, push and hold the indicator selector knob (1) on the instrument cluster for more than 3 seconds to change the information display to the setting mode.

## EXAMPLE



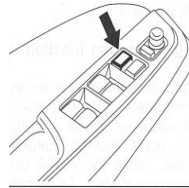
52RM30840

- 2) Turn the indicator selector knob (1) left or right to select "TPMS" and push the indicator selector knob.

### NOTE:

If you exit the setting mode, select "Beck" and push the indicator selector knob (1).

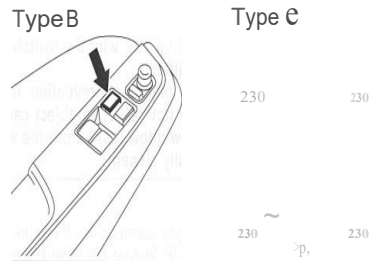
## EXAMPLE



52RM30850

- 3) Turn the indicator selector knob (1) left or right to select "Tyre Press" and push the indicator selector knob.

## EXAMPLE



52RM30860

- 4) The display shows current tire inflation pressure.

### NOTE:

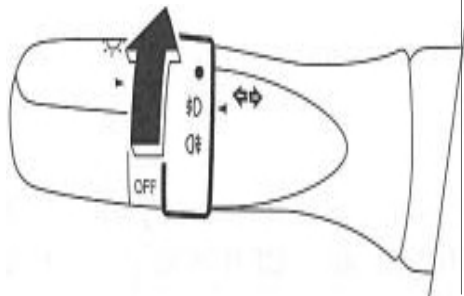
If the low tire pressure warning light comes on, the information display wi/1 be switched to "Tyre Press" display and the corresponding tire pressure indication blinks to a/ert you which tire(s) is(are) low pressure.

- The display may not show the tire inflation pressure for about 10 minutes after the vehicle begins to move. This is because the TPMS system learns the tire inflation pressure within ihis 10 minutes. The display wi/1 show the tire inflation pressure after 10 minutes pass.
- If you stop the vehicle and turn the ignition switch to "LOCK" position or change the ignition mode to "LOCK" (OFF), and leave it for 20 minutes or more, tire pressure wi/1 be reset and wi/1 be indicated as 0 kPa when the engine is restarted. In this case, the current tire pressure indication wi/1 recover after driving for a while. However, if any of tire pressures has been detected as low pressure before stopping the engine, the tire pressure indication may not recover and may be indicated as "---".

## OPERATING YOURVEHICLE

### To set the initial value of tire pressure

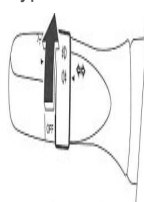
#### EXAMPLE



- 1) When the ignition switch is in "ON" position or the ignition mode is "ON" and the vehicle is stationary, push and hold the indicator selector knob (1) on the instrument cluster for more than 3 seconds to change the information display to the setting mode.

#### EXAMPLE

Type B



Type C

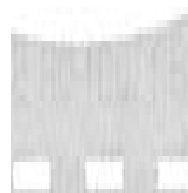


- 2) Turn the indicator selector knob (1) left or right to select "TPMS" and push the indicator selector knob.

#### NOTE:

*If you exit the setting mode, select "Back" and push the indicator selector knob (1).*

#### EXAMPLE



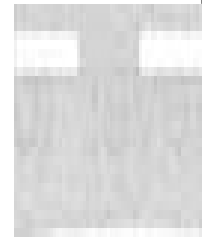
- 3) Turn the indicator selector knob (1) left or right to select "TPMS Mode" and push the indicator selector knob.

#### EXAMPLE

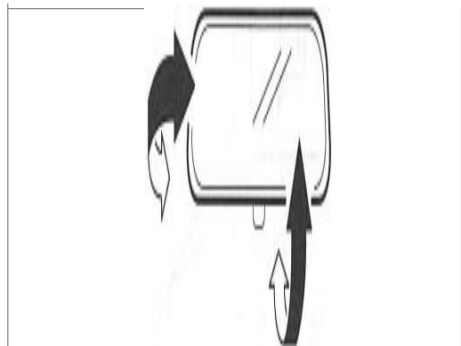
Type B



Type C



- 4) Turn the indicator selector knob (1) left or right to select the initial value and push the indicator selector knob.



68PM00359

- 5) When the display shows the message shown in the above illustration, the setting is completed.

### Replacing tires and/or wheels

If you got a flat tire and replaced it with the spare tire, SUZUKI recommends that you have an authorized SUZUKI dealer mount a new tire on the wheel that had the flat tire. The TPMS is already set up to recognize the ID code of the original wheel and normal TPMS operation will be restored.

If you need to replace any wheels on your vehicle, an authorized SUZUKI dealer must check that TPMS sensors are installed in the new wheels and must set up the TPMS to recognize the new sensors.

#### NOTE:

*A TPMS sensor is not installed in the spare tire. You should use the spare tire only in an emergency situation, and should replace the spare tire as soon as possible to restore normal TPMS operation.*

### A. WARNING

Use of tires or wheels not recommended by SUZUKI can result in failure of the TPMS.

When replacing tires and wheels, use only tires and wheels recommended by SUZUKI as standard or optional equipment for your vehicle. Refer to "Tires" in "INSPECTION AND MAINTENANCE" section for additional information.

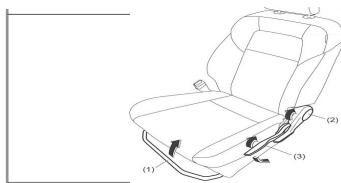
The tire pressure monitoring system, transmitter model S180052024 and receiver model 40398036 are in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

## MEMO

## DRIVING TIPS

Running-in	4-1
Catalytic converter	4-1
High fuel economy	4-1
Low way driving	4-2
Driving on hills	4-2
Driving on slippery roads	4-3
Off-road driving	4-3

A



520078

### A WARNING

- Fasten your seat belts at all times. Even though air bags are equipped at the front seating positions, the driver and all passengers should be properly restrained at all times, using the seat belts provided. Refer to "Seat belts and child restraint systems" section for instructions on proper use of the seat belts.
- Never drive under the influence of alcohol or other drugs. Alcohol and drugs can seriously impair your ability to drive safely, greatly increasing the risk of injury to yourself and others. You should also avoid driving when you are tired, sick, irritated or under stress.

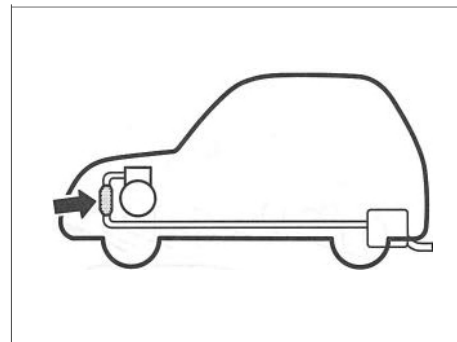
## Running-in

### NOTICE

The future performance and reliability of the engine depends on the care and restraint exercised during its early life. It is especially important to observe the following precautions during the first 960 km (600 miles) of vehicle operation.

- After starting, do not race the engine. Warm it up gradually.
- Avoid prolonged vehicle operation at a constant speed. Moving parts will break in better if you vary your speed.
- Start off from a stop slowly. Avoid full throttle starts.
- Avoid hard braking, especially during the first 320 km (200 miles) of driving.
- Do not drive slowly with the trans-axle in a high gear.
- Drive the vehicle at moderate engine speeds.
- Do not tow a trailer during the first 960 km (600 miles) of vehicle operation.

## Catalytic converter



80G106

The purpose of the catalytic converter is to minimize the amount of harmful pollutants in your vehicle's exhaust. Use of leaded fuel in vehicles equipped with catalytic converters is prohibited, because lead deactivates the pollutant-reducing components of the catalyst system.

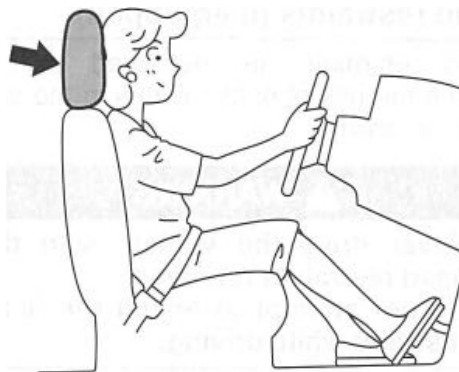
The converter is designed to last the life of the vehicle under normal usage and when unleaded fuel is used. No special maintenance is required on the converter. However, it is very important to keep the engine properly tuned. Engine misfiring, which can result from an improperly tuned engine, may cause overheating of the catalytic converter. This may result in permanent

heat damage to the catalytic converter and other vehicle components.

### NOTICE

To minimize the possibility of catalytic converter or other vehicle damage:

- Maintain the engine in the proper operating condition.  
In the event of an engine malfunction, particularly one involving engine misfire or other apparent loss of performance, have the vehicle serviced promptly.
- Do not turn off the engine or interrupt the ignition when the transaxle is in gear and the vehicle is in motion.
- Do not try to start the engine by pushing or towing the vehicle, or coasting down a hill.
- Do not idle the engine with any spark plug wires disconnected or removed, such as during diagnostic testing.
- Do not idle the vehicle for prolonged periods if idling seems rough or there are other malfunctions.
- Do not allow the fuel tank to get near the empty level.



### A WARNING

Be careful where you park and drive; the catalytic converter and other exhaust components can get very hot. As with any vehicle, do not park or operate this vehicle in areas where combustible materials such as dry grass or leaves can come in contact with a hot exhaust system.

## Improving fuel economy

The following instructions will help you improve fuel economy.

### Avoid excessive idling

If you park your vehicle for more than one minute, stop the engine and start it again later. When warming up a cold engine, do not allow the engine to idle or apply full throttle until the engine has reached operating temperature. Allow the engine to warm up by driving.

### Avoid fast starts

Fast starts away from lights or stop signs will consume fuel unnecessarily and shorten engine life. Start off slowly.

### Avoid unnecessary stops

Avoid unnecessary deceleration and stopping. Try to maintain a moderate, steady speed whenever possible. Slowing down and then accelerating again uses more fuel.

### Keep a steady cruising speed

Drive at a constant speed that road and traffic conditions will permit.

## DRIVING TIPS

### Keep the air cleaner clean

#### EXAMPLE



86G064

60A183

If the air cleaner is clogged with dust, there will be greater intake resistance, resulting in decreased power output and increased fuel consumption.

### Keep weight to a minimum

The heavier the load is, the more fuel the vehicle consumes. Unload any unnecessary luggage or cargo.

### Keep tire pressures correct

Under-inflation of the tires can waste fuel due to increased rolling resistance of the tires. Keep your tires inflated to the correct pressure shown in the label on driver's door lock pillar.

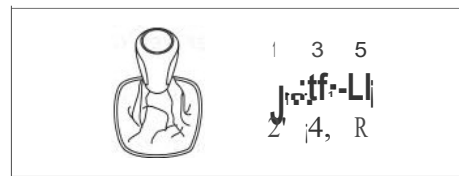
## Highway driving

When driving at highway speeds, pay attention to the following:

- Stopping distance progressively increases with vehicle speed. Apply the brakes far enough ahead of the stopping point to allow for the extra stopping distance.
- On rainy days, hydroplaning can occur. Hydroplaning is the loss of direct contact between the road surface and the vehicle's tires due to a water film forming between them. Steering or braking the vehicle during hydroplaning can be very difficult, and loss of control can occur. Keep speed down when the road surface is wet.
- At high speeds, the vehicle may be affected by side winds. Therefore, reduce speed and be prepared for unexpected buffeting, which can occur at the exits of tunnels, when passing by a cut of a hill, or when being overtaken by large vehicles, etc.

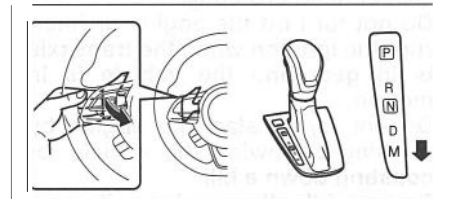
## Driving on hills

### Manual transaxle



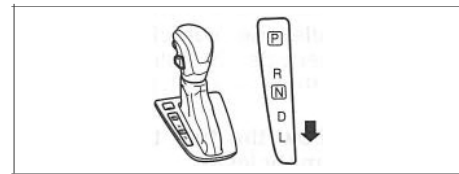
68PM00401

### Automatic transaxle



52RM40010

### CVT



52RM40020

- When driving on steep hills, the vehicle may begin to slow down and show a lack of power. If this happens, you should shift to a lower gear so that the engine will again be operating in its higher power range. Shift rapidly to prevent the vehicle from losing momentum. When driving down a hill, the engine should be used for braking by shifting to the next lower gear.

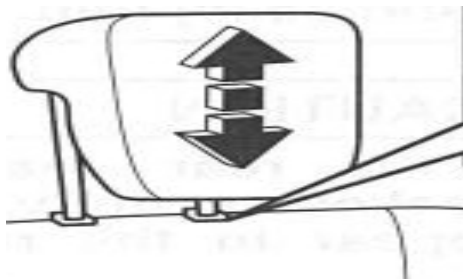
### A WARNING

Do not hold the brake pedal down too long or too often while going down a steep or long hill. This could cause the brakes to overheat, resulting in reduced braking efficiency. Failure to take this precaution could result in loss of vehicle control.

### NOTICE

When descending a downhill, Never turn the ignition key to "LOCK" position or press the engine switch to change the ignition mode to "LOCK" (OFF). Emission control system and automatic transaxle and CVT (if equipped) damage may result.

## Driving on slippery roads



60G089S

On wet roads, you should drive at a lower speed than you do on dry roads due to possible slippage of tires during braking. When driving on icy, snow-covered or muddy roads, reduce your speed and avoid sudden acceleration, abrupt braking, or sharp steering movements.

### 4WD models

Your 4WD is designed to get better traction on slippery roads than 2-wheel drive models. However, your 4WD will not have as much traction in deep snow, mud or sand as multipurpose 4WD vehicles. You should not attempt to drive your 4WD in deep snow, mud or sand. 4WD models are not sport/utility vehicles, and are not designed for off-road use.

## Tire chains

Tire chains should only be used if they are needed to increase traction or are required by law. Check that the chains you use are the correct size for your vehicle's tires. Also check that there is enough clearance between the fenders and the chains as installed on the tires.

Install the chains on the front tires tightly, according to the chain manufacturer's instructions. Retighten the chains after driving about 1.0 km (1/2 mile) if necessary. With the chains installed, drive slowly.

### NOTICE

- If you hear the chains hitting against the vehicle body while driving, stop and tighten them.
- If your vehicle is equipped with full wheel caps, remove the wheel caps before installing the chains or the wheel caps can be damaged by the chain bands.

## DRIVING TIPS

### Stuck vehicle

If your vehicle gets stuck in snow, mud or sand, follow the directions below:

- 1) Shift the transaxle back and forth between a "D" (drive) (or first gear for manual transaxle) and reverse. This will create a rocking motion which may give you enough momentum to free the vehicle. Press gently on the accelerator to keep wheel spinning to a minimum wheel rpm. Remove your foot from the accelerator while shifting.  
Do not excessively rev up the engine. Excessive wheel spin will cause the tires to dig deeper, making it more difficult to free the vehicle.

#### NOTE:

*If your vehicle is equipped with the ESF>®, you may have to turn the ESF>® system off in order to allow spinning the wheels.*

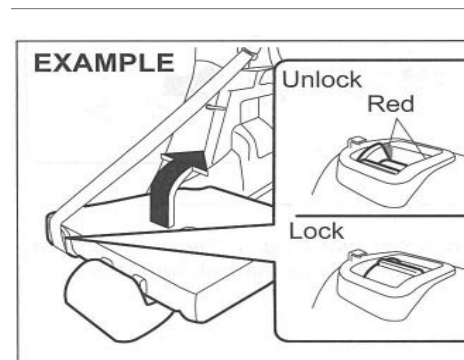
- 2) If your vehicle remains stuck after a few minutes of rocking, we recommend you to consult an authorized SUZUKI dealer or a roadside assistance service. If a towing service is not available in an emergency, your vehicle may be temporarily towed by other vehicle with a towing cable or chain secured to the towing hook either on the front of the vehicle or on the rear of the vehicle. Refer to "Frame hooks" in "OTHER CONTROLS AND EQUIPMENT" section.

#### A. WARNING

Do not allow anyone to stand near the vehicle when you are rocking it, and do not spin the wheels faster than an indicated 40 km/h (25 mph) on the speedometer. Personal injury and/or vehicle damage may result from spinning the wheels too fast.

#### NO TIRE

Do not continue rocking the vehicle for more than a few minutes. Prolonged rocking can cause engine overheating or transaxle damage.



#### A. WARNING

In addition to following the driving tips in this section, it is important to observe the following precautions.

- Check that your tires are in good condition and always maintain the specified tire pressure. Refer to "Tires" in "INSPECTION AND MAINTENANCE" section for details.

(Continued)

## A WARNING

(Continued)

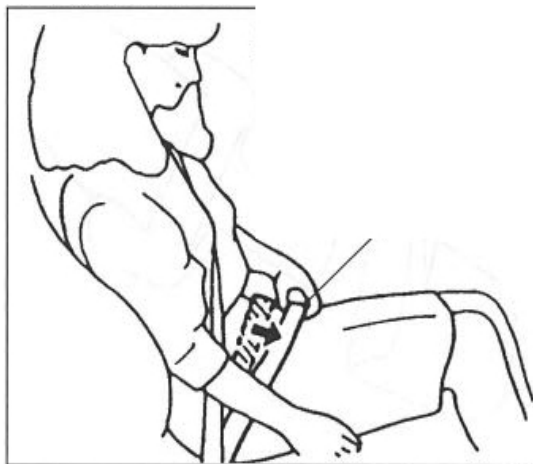
- Do not use tires other than those specified by SUZUKI. Never use different sizes or types of tires on the front and rear wheels. For information regarding the specified tires, refer to the tire information label located on the driver's door lock pillar.
- Never use oversized tires or special shock absorbers and springs to raise (jack up) your vehicle. This will change the handling characteristics. Oversized tires may also rub against the tender over bumps, causing vehicle damage or tire failure.
- After driving through water, test the brakes while driving at a slow speed to see if they have maintained their normal effectiveness. If the brakes are less effective than normal, dry them by repeatedly applying the brakes while driving slowly until the brakes have regained their normal effectiveness.

## Off-road driving

**Do not drive in the field covered with grown grass**

If you drive in the field covered with grass, it may cause unexpected accident or vehicle damage by getting caught in grown grass.

## MEMO



60G407

## OTHER CONTROLS AND EQUIPMENT

Fuel filler cap	5-1
Engine hood	5-2
Sun visor	5-4
Interior light	5-5
Accessory socket	5-6
AUX/USB socket (if equipped)	5-7
Assist grips (if equipped)	5-7
Glove box	5-7
Cup holder and storage area	5-8
Footrest	5-9
Floor mats (if equipped)	5-10
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Luggage compartment cover (if equipped)	5-11
Luggage compartment carpet	5-11
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Heating system	5-15
Manual heating and air conditioning system	5-19
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Radio antenna	5-31
Installation of radio frequency transmitters	5-32
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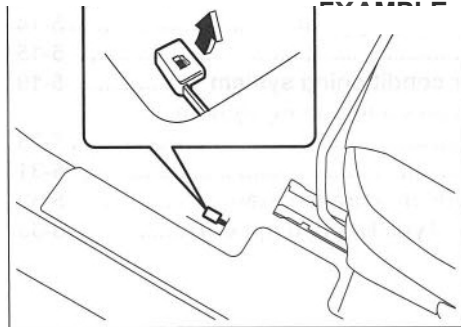
## OTHER CONTROLS AND EQUIPMENT

### Fuel fillercap

#### EXAMPLE



52RM50010



52KM50020

A fuel filler cap is located on the left rear side of the vehicle. The fuel filler door can be unlocked by pulling up the opener lever located on the outboard lower side of the driver's seat and locked by simply closing the door.

Open

CENTER

#### EXAMPLE

57151093

To remove the fuel filler cap:

- 1) Stop the engine and close all the doors and windows while refueling.
- 2) Open the fuel filler door.
- 3) Remove the cap by turning it counter-clockwise.

### A CAUTION

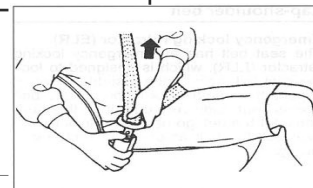
Remove the fuel filler cap slowly. The fuel may be under pressure and may spray out, causing injury.

(3)---:

(1) ——— (1)

(2~

#### EXAMPLE



NOTE:

The cap holder (1) holds the fuel filler cap (2) by hooking the groove (3) when refueling.

To reinstall the fuel filler cap:

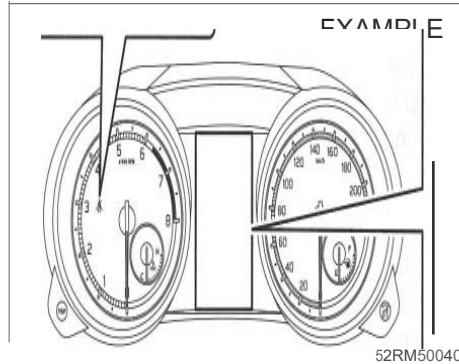
- 1) Turn the cap clockwise until you hear several clicks.
- 2) Close the fuel filler door.

### A WARNING

**Fuel is extremely flammable. Do not smoke when refueling and check that there are no open flames or sparks in the area.**

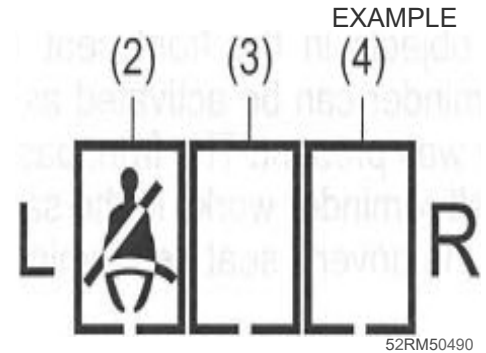
**A WARNING**

If you need to replace the fuel cap, use a genuine SUZUKI cap. Use of an improper cap can result in a malfunction of the fuel system or emission control system. It may also result in fuel leakage while driving and in the event of an accident.

**Engine hood**

To open the engine hood:

- 1) Pull the hood release handle located under the driver's side instrument panel in the outboard position. This will disengage the engine hood lock halfway.



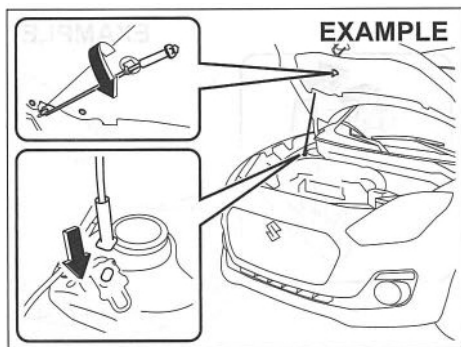
- 2) Push the under-hood release lever sideways with your finger, as shown in the illustration. While pushing the lever, lift up the engine hood.

**A CAUTION**

The release lever and its peripheral, or engine hood can be hot enough to burn your finger right after driving. Touch after those becomes cool enough.

**NOTICE**

Check that the wiper arms are not raised before you lift up the engine hood to avoid damaging the wiper arms and the engine hood.



52RM50050

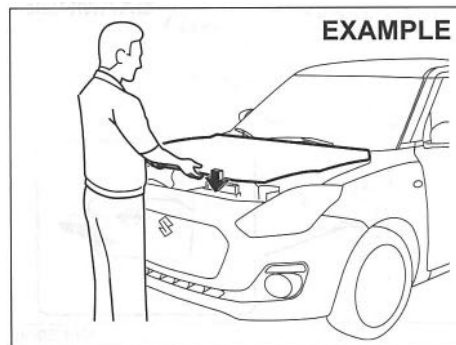
- 3) While holding the hood, pull the prop rod out from the holding clip, and then insert the end of the rod into the designated hole.

### A CAUTION

- To prevent the prop rod from coming out of the hood, touch the rod after it becomes cool enough.
- Insert the end of the rod into the hole securely. If the rod slips out, you may get caught in the closing hood.
- The rod may slip out when the hood is blown by wind. Be careful on windy days.

To close the engine hood:

- 1) Lift the hood up slightly and remove the prop rod from the hole. Put the prop rod back into the holding clip.



52RM50060

- 2) Lower the hood to about 20 cm above the hood latch, and then let it drop down. Check that the hood is securely latched after closing.

### A WARNING

Check that the hood is fully closed and latched before driving. If it is not, it can fly up unexpectedly during driving, obstructing your view and resulting in an accident.

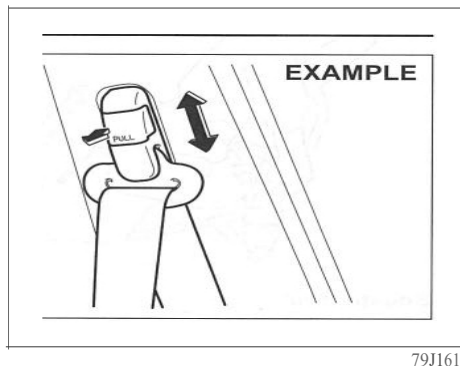
### A CAUTION

To avoid injury, check that no part of the occupant's body such as hands or head is in the path of the hood when closing it.

### NOTICE

Pushing on the hood from the top may damage it.

## Sun visor

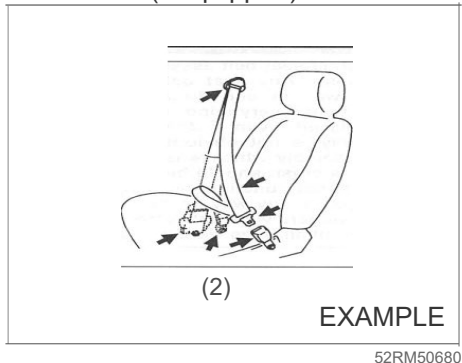


The sun visors can be pulled down to block glare coming through the windshield, or they can be unhooked and turned to the side to block glare coming through the side window.

### NOTICE

When unhooking and hooking a sun visor, handle it by the hard plastic parts or the sun visor can be damaged.

### Card holder (if equipped)



- (1) Mirror cover
- (2) Card holder

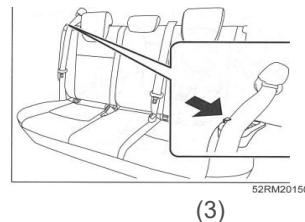
You can put a card in the card holder (2) on the back of the sun visor.

### NOT/CE

When you park your vehicle outdoors in direct sunlight or in hot weather, do not leave plastic cards in the holder. The heat may distort them.

### Vanity mirror (if equipped)

#### EXAMPLE



- (3) Vanity mirror

To use the vanity mirror (3) on the back of the sun visor, pull up the mirror cover (1).

### A WARNING

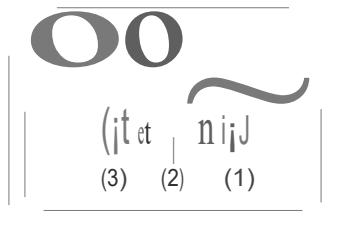
- Do not use the mirror while driving your vehicle or you lose control of the vehicle.
- When using the vanity mirror, do not move too close to a front air bag location or lean against it. If the front air bag is accidentally inflated, it could hit you hard.

## OTHER CONTROLS AND EQUIPMENT

### Interior light

#### Front

##### EXAMPLE



52RM50070

This light switch has three positions which function as described below:

##### ON (1)

The light comes on and stays on regardless of whether the door is open or closed.

##### NOTE:

*The light will automatically be turned off to prevent the lead-acid battery from discharging when the following conditions are simultaneously met:*

- The ignition switch is in "LOCK" position, or the ignition mode is "LOCK"(OFF).

- The hazard warning lights, the position lights and the headlights are off.
- After 15 minutes from the light on.

##### DOOR (2)

The light comes on when the door is opened. After closing all doors, the light will remain on for about 15 seconds and then fade out. If you insert the key, or press the engine switch to change the ignition mode to "ACC" or "ON" during this time, the light will start to fade out immediately. After removing the key from the ignition switch or press the engine switch to change the ignition mode to "LOCK" (OFF), the light will turn on for about 15 seconds and then fade out.

##### NOTE:

*The light will automatically be turned off to prevent the lead-acid battery from discharging when the following conditions are simultaneously met:*

- The ignition switch is in "LOCK" position, or the ignition mode is "LOCK"(OFF).
- After about 15 minutes of the light on.

##### OFF (3)

The light remains off even when the door is opened.

### Luggage compartment (if equipped)

##### EXAMPLE

(1) (2)



68PM00510

When you open the tailgate with the luggage compartment light switch in ON position (1), the light comes on for about 15 minutes.

When the luggage compartment light switch is in OFF position (2), the light remains off regardless of whether the tailgate is open or close.

##### NOTICE

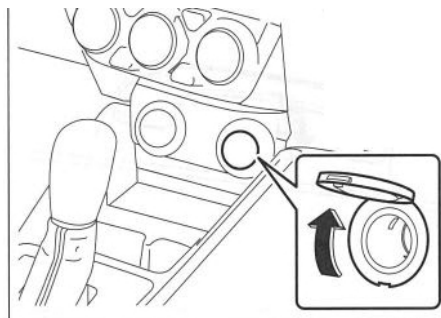
**Do not leave the tailgate open with the luggage compartment light switch in ON position for a long time, or the lead-acid battery will discharge.**

**NOTE:**

The light will automatically be turned off to prevent the lead-acid battery from discharging when after 15 minutes of the tailgate open.

**EXAMPLE****NOTE:**

The number of doors involved in the lighting operation of the interior light depends on the vehicle specification. If there is a switch (rubber protrusion) at the door opening as shown, the door is involved in the lighting operation. The tailgate is also involved in this operation even without the rubber protrusion.

**Accessory socket****Center console**

52RM50430

The accessory socket will work when the ignition switch is in "ACC" or "ON" position, or the ignition mode is "ACC" or "ON".

This socket can be used to provide 12 volt/120 watt/10 ampere power for electrical accessories. Check that the rubber cap remains on the socket when the socket is not in use.

**NOTICE**

Use of inappropriate electrical accessories can cause damage to your vehicle's electrical system. Check that any electrical accessories you use are designed to plug into this type of socket.

### AUX/USBsocket (if equipped)



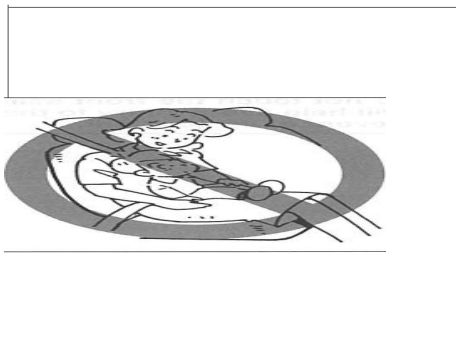
52RM50440

Connect your portable digital music player, etc. to this socket to enjoy music through the vehicle's audio system. Refer to "Audio system (Type A / Type B) (if equipped)" in this section.

#### NOTICE

Always close the rubber cap when not in use, since entry of foreign material, dust, water, conductive liquids may damage the audio system or USB device.

### Assist grips (if equipped)



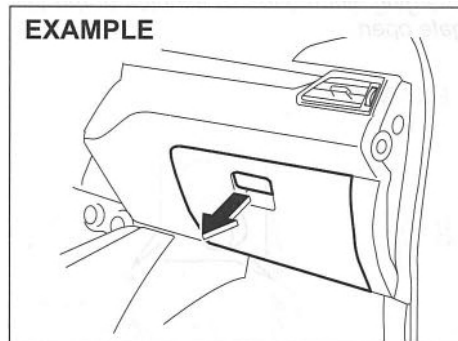
54G249

Assist grips are provided for convenience.

#### NOTICE

To avoid damaging the assist grip and the molded headlining, do not hang down the assist grip.

### Glove box



52RM50090

To open the glove box, pull the latch lever. To close it, push the lid until it latches securely.

#### WARNING

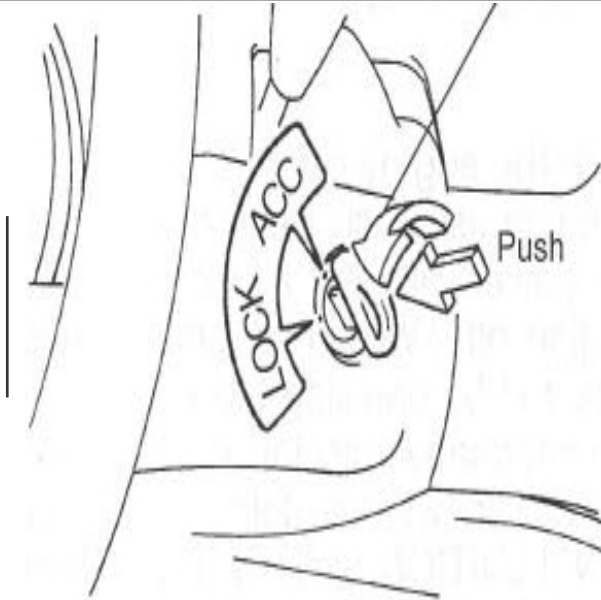
Never drive with the glove box lid open. It could cause injury if an accident occurs.

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## Cup holder and storage area

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EXAMPLE



52RM50100

- (1) Center console tray
- (2) Front cup holders
- (3) Front bottle holder
- (4) Rear cup holder
- (5) Front seat back pocket (if equipped)
- (6) Rear bottle holder

---

## Center console tray (1)

---

### A WARNING

Do not place any objects which may fall out from the tray when the vehicle is moving.

Failure to take the precaution may result in an object interfering with the pedals and causing a loss of vehicle control or an accident.

## OTHER CONTROLS AND EQUIPMENT

### Front cup holders (2) / Rear cup holder (4)

Use the rear cup holder to put a cup with a lid or a bottle with a cap. Also, you can put small articles in the rear cup holder.

### A WARNING

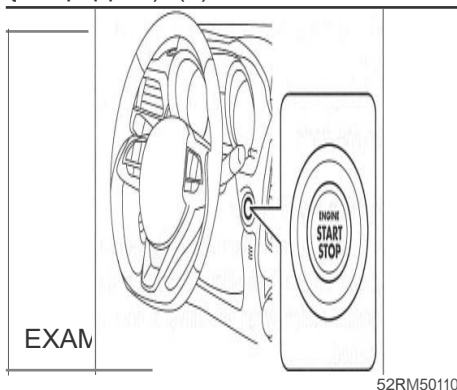
Failure to take the precautions listed below could cause personal injury or vehicle damage.

- Be careful when you are using the cup holders to hold a cup containing hot liquid. Spilling out hot liquid can cause burn injury. In addition, liquids spilling on the lithium-ion battery in models equipped with ENGA-STOP system or SHVS may cause a fire or electric shock or damage to the battery.
- Do not use the cup holders to hold sharp-edged, hard or breakable objects. Objects in the cup holders may be thrown about during a sudden stop or impact, and could cause personal injury.
- Be careful not to spill liquid or insert any foreign materials into the moving part of the gearshift lever, or any electrical components. Liquid or foreign materials may damage these parts.

### Front bottle holder (3) / Rear bottle holder (6)

You should only place a bottle with a cap in the holder.

### Front seat back pocket (if equipped) (5)



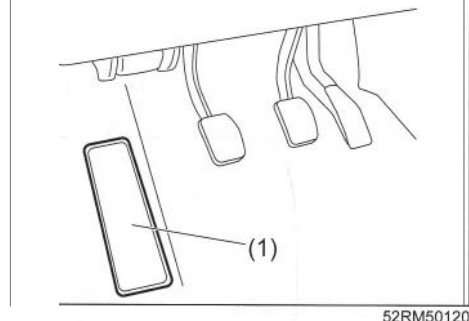
This pocket is provided for holding light and soft things such as gloves, newspapers or magazines.

### A CAUTION

Do not put hard or breakable objects in the pocket. If an accident occurs, objects such as bottles, cans, etc. can injure the occupants in the rear seat.

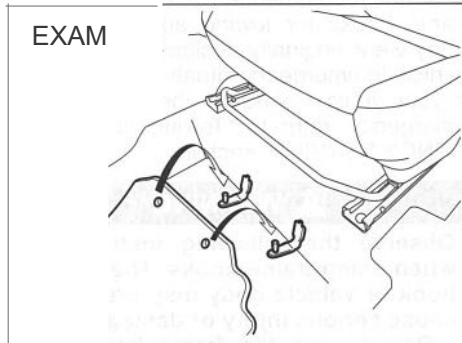
## Footrest

### EXAMPLE



Use the footrest (1) as a support for your left foot and body.

## Floor mats (if equipped)



52RM50130

To prevent the driver's side floor mat from sliding forward and possibly interfering with the operation of the pedals, genuine SUZUKI floor mats are recommended.

Whenever you put the driver's side floor mat back in the vehicle after it has been removed, hook the floor mat grommets to the fasteners and position the floor mat properly in the footwell.

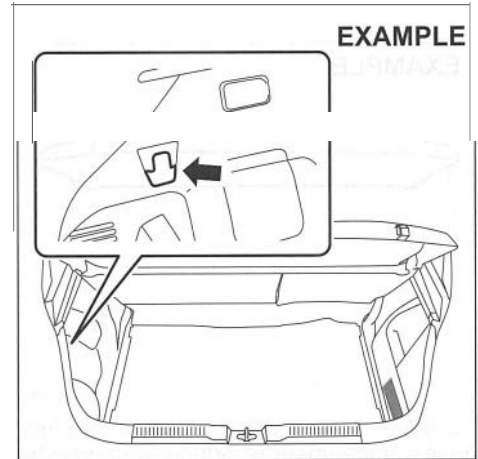
When you replace the floor mats in your vehicle with a different type such as all-weather floor mats, we highly recommend to use genuine SUZUKI floor mats for proper fitting.

## A. WARNING

Failure to take the following precautions may result in the driver's side floor mat interfering with the pedals and causing a loss of vehicle control or an accident.

- Check that the floor mat grommets are hooked to the fasteners.
- Never place additional floor mats on top of the existing floor mat.

## Luggage compartment hook



52RM50140

You can hang the shopping bag or other suitable objects on the hook.

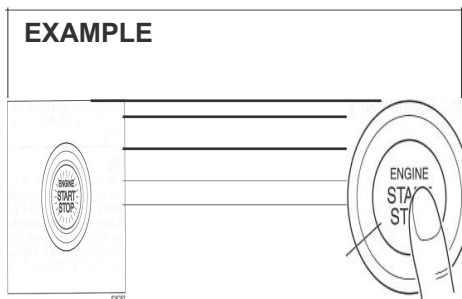
This hook is not designed for large or heavy items.

## NOTICE

To avoid breaking the hook, do not hang items heavier than the following weight.

Shopping hook: 2 kg (4.4 lbs)

### Luggage compartment cover (if equipped)



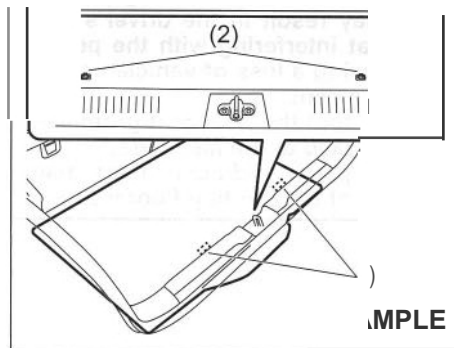
52RM50150

Luggage or other cargo placed in the luggage compartment is hidden from view by a luggage compartment cover.

#### ⚠ WARNING

Do not carry items on top of the luggage compartment cover, even if they are small and light. Objects on top of the cover could be thrown about in an accident, causing injury, or could obstruct the driver's rear view.

### Luggage compartment carpet



52RM50450

There is a tool box under the Luggage compartment carpet. When installing the Luggage compartment carpet / board, please hook the grommets (1) of the carpet on the hook (2) of the vehicle.

### Frame hooks

It is not recommended that you use the frame hooks for towing another vehicle. They were originally designed to tow your vehicle in emergency situation.

If your vehicle needs to be towed in an emergency, refer to "Towing" in "EMERGENCY SERVICE" section.

#### ⚠ WARNING

Observe the following instructions when using frame hooks. The towing hook or vehicle body may break and cause serious injury or damage:

- Do not use the frame hooks for towing another vehicle.
- Avoid pulling the vehicle to get out of severe snowy, muddy or sandy conditions, sudden starts or erratic driving maneuvers which could cause excessive stress on the towing hook.

In such case, we recommend that you contact a professional service.

**Front****EXAMPLE**

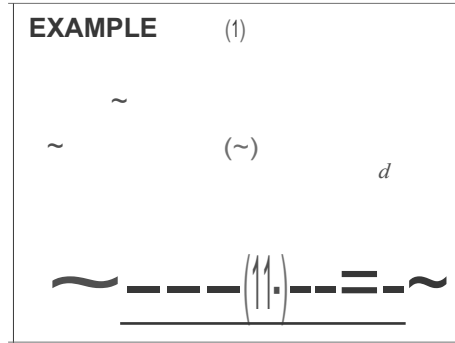
52RM50160

The towing hook (1) is provided on the front of the vehicle for use in emergency situations and sea shipping purpose only.

**NOTICE**

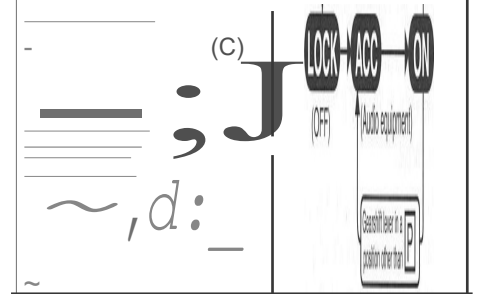
**To prevent damage to the vehicle, never use the towing hook (1) for trailer / train shipping**

To install the hook (1), follow the procedure below.

**EXAMPLE**

52RM50170

- 1) Pickup the towing hook (1), jack handle (A) and wheel wrench (B) in the luggage compartment.

**EXAMPLE**

52RM50180

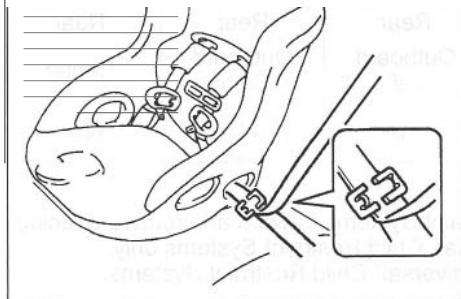
- 2) Remove the cover (C) by using a jack handle (A) covered with a soft cloth as shown in the illustration.

**NOTE:**

*Do not use excessive force as it may damage the cover strap.*

## OTHER CONTROL\$ AND EQUIPMENT

### EXAMPLE



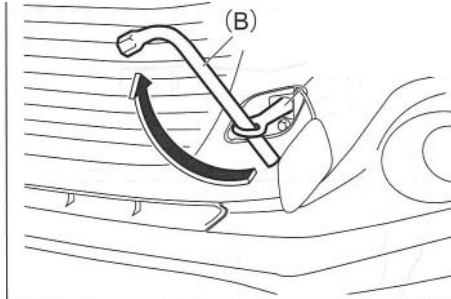
52RM50190

- 3) Install the towing hook (1) by hand.

#### NOTE:

*It is recommended to secure the cover with tape to prevent damage during towing.*

### EXAMPLE

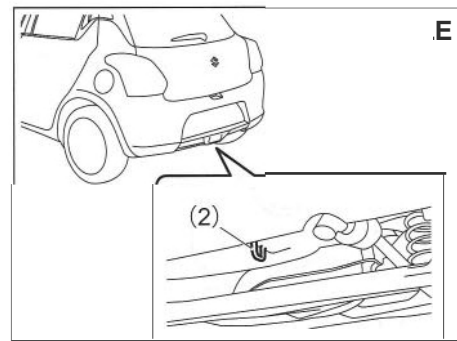


52RM50200

- 4) To tighten the towing hook (1), turn it clockwise by using a wheel wrench (B) until the hook (1) is securely installed.

To remove the towing hook (1), reverse the installation procedure.

### Rear



52RM50210

The frame hook (2) is provided on the rear of the vehicle for use in emergency situations and sea shipping purposes only.

### NOTICE

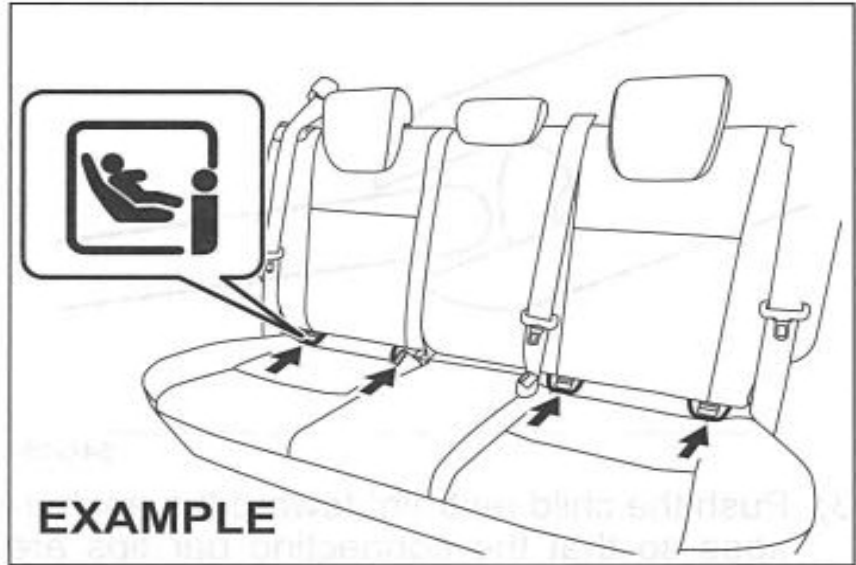
**To prevent damage to the vehicle, never use the frame hook (2) for trailer / train shipping**

## Heating and air conditioning system

There are three types of heating and air conditioning systems as follows:

- Heating system
- Manual heating and air conditioning system
- Automatic heating and air conditioning system (climate control)

### Air outlet



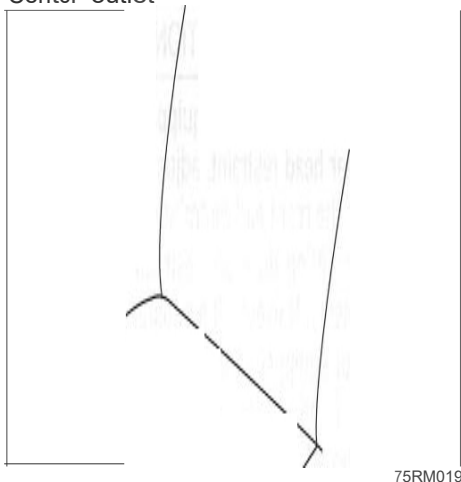
**EXAMPLE**

52RM50220

1. Windshield defroster outlet
2. Side defroster outlet
3. Side outlet
4. Center outlet
5. Floor outlet  
* if equipped

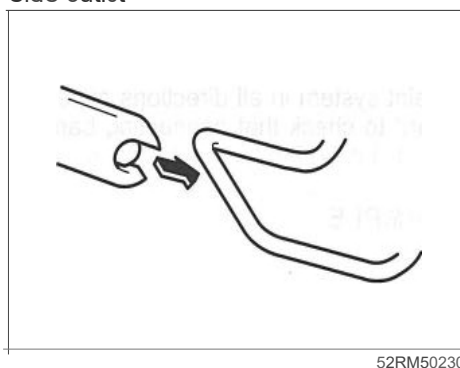
## OTHER CONTROLS AND EQUIPMENT

Center outlet



When open, air comes out regardless of the air flow selector position.

Side outlet



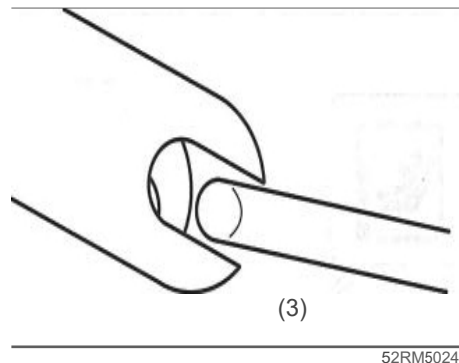
Move the knob (1) vertically or horizontally, to adjust the direction of airflow as desired. The side outlet opens when you turn the dial (2) upward and closes when you turn it downward.

### A CAUTION

Prolonged exposure to hot air from the heater or air conditioner could result in low temperature burns. All vehicle occupants, particularly children the elderly, those with special needs, individuals with delicate skin, and sleeping individuals, should maintain sufficient distance from the air outlets to prevent prolonged exposure to hot airflow.

## Heating system

### Description of controls



Temperature selector (1)  
This is used to adjust the temperature.

Blower speed selector (2)  
This is used to turn on the blower and to select blower speed.

## Air intake selector (3)



52RM50310

This selector is used to select the following modes.

### FRESH AIR (a)

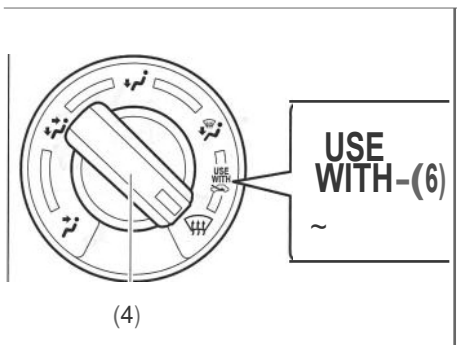
When this mode is selected by moving the lever to left, outside air comes in.

### RECIRCULATED AIR (b)

When this mode is selected by moving the lever to right, outside air is shut off and inside air is recirculated. This mode is suitable when driving through dusty or polluted air such as in a tunnel, or when attempting to quickly cool down or warm up the interior.

#### NOTE:

If you select RECIRCULATED AIR for an extended period of time, the air in the vehicle can become contaminated and the windows tend to get misted. Therefore, you should select FRESH AIR whenever possible.



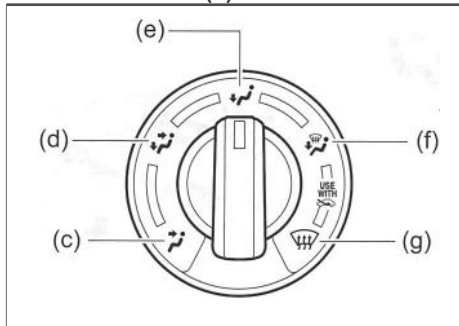
52RS50180

#### NOTE:

The mark of "USE WITH" (6)

To clear fog on the windshield and/or the side windows quickly, set the airflow selector (4) to "HEAT & DEFROST" or "DEFROST" and air intake selector (3) to "FRESH AIR". These positioning will clear the fogged windshield and/or the side windows faster than the "RECIRCULATED AIR".

## Airflow selector(4)

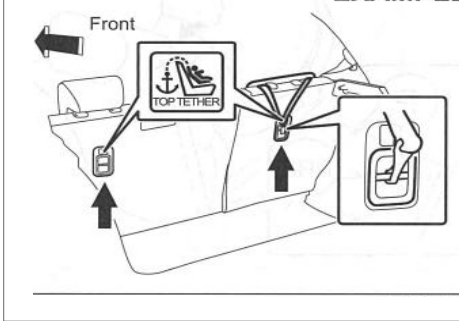


52RM50250

This is used to select one of the following functions.

### VENTILATION (c)

#### EXAMPLE

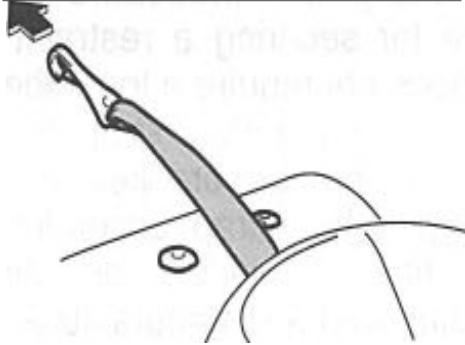


52RM50630

Temperature-controlled air comes out of the center and side air outlets.

## OTHER CONTROL\$ AND EQUIPMENT

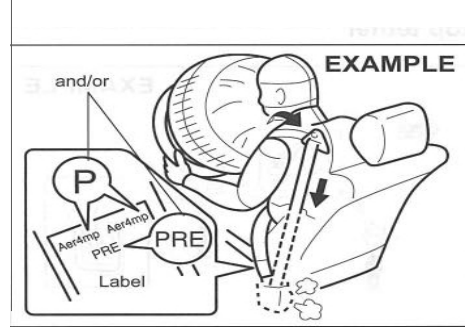
### BI-LEVEL (d)



52RM50640

Temperature-controlled air comes out of the floor outlets and cooler air comes out of the center and side outlets. When the temperature selector (1) is in the fully cold position or fully hot position, however, the air from the floor outlets and the air from the center and side outlets will be the same temperature.

### HEAT (e)

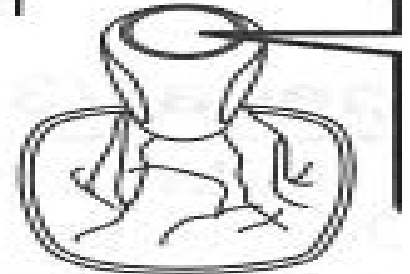


63J269

52RM50650

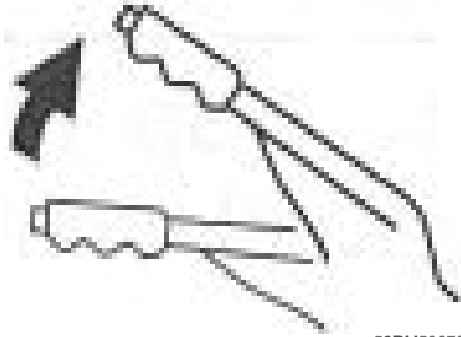
Temperature-controlled air comes out of the floor outlets and the side outlets, also comes out of the windshield defroster outlets and also comes slightly out of the side defroster outlets.

MT



52RM50660

Temperature-controlled air comes out of the floor outlets, the windshield defroster outlets, the side defroster outlets and the side outlets.

**DEFROST (g)**

52RM50670

Temperature-controlled air comes out of the windshield defroster outlets, the side defroster outlets and the side outlets.

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**System operating instructions**


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**Natural ventilation**

Select VENTILATION and FRESH AIR, the temperature selector to the desired temperature position, and the blower speed selector to off. Fresh air will flow through the vehicle during driving.

**Forced ventilation**

The base settings are the same as for natural ventilation except you set the blower speed selector to a position other than off.

**Normal heating (using outside air)**

Select HEAT and FRESH AIR, the temperature selector to the desired temperature position and the blower speed selector to the desired blower speed position. Setting the blower speed selector to a higher blower speed position increases heating efficiency.

**Quick heating (using recirculated air)**

The base settings are the same as for normal heating except you select RECIRCULATED AIR. If you use this heating method for an extended period of time, the air in the vehicle can become contaminated and the windows can become misty. Therefore, use this method only for quick heating and change to the normal heating method as soon as possible.

**Head cooled/Feet warmed heating**

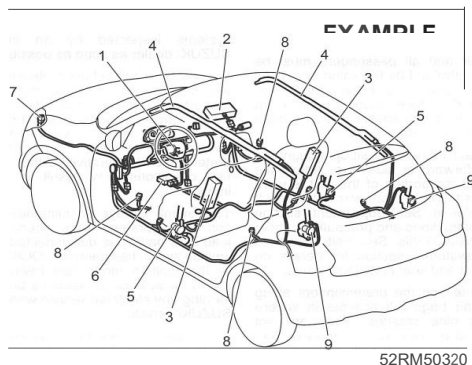
Select B-LEVEL and FRESH AIR, the temperature selector to the desired temperature position, and the blower speed selector to the desired blower speed position. Unless the temperature selector is in the fully cold position or fully hot position, the air that comes out of the center and side outlets will be cooler than the air that comes out of the floor outlets.

**Defrosting/Feet warmed heating**

Select HEAT & DEFROST and FRESH AIR, the temperature selector to the desired temperature position, and the blower speed selector to high. When the windshield has become clear, set the blower speed selector to the desired blower speed position.

**Defrosting**

Select DEFROST and FRESH AIR, the temperature selector to the desired temperature position (higher temperature provides more efficient defrosting), and the blower speed selector to high. When the windshield has become clear, set the blower speed selector to the desired blower speed position.



52RM50320

### NOTE:

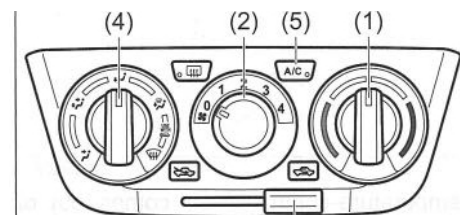
*If you need maximum defrosting, adjust the temperature selector to hot end and adjust the side out/ets so the air blows on the side window, in addition to the above Defrosting procedure.*

### Models with ENG A-STOP System (if equipped)

- If the heating performance can no longer perform at a sufficient level due to automatically stopping the engine, press the ENG A-STOP OFF switch to deactivate the ENG A-STOP system. (The engine will automatically restart and the heating performance will be restored.)
- If the windshield and/or the driver's side/passenger side door windows are fogged during automatically stopping the engine, stop the ENG A-STOP system and restart the engine. Then, turn the air flow selector (4) to change the air flow to the HEAT & DEFROST or DEFROST position to defog the windows.

## Manual heating and air conditioning system

### Description of controls



(3)

52RM50330

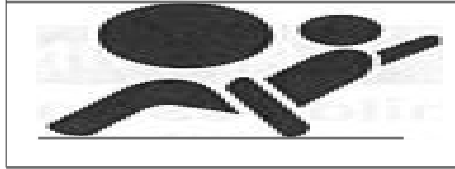
### Temperature selector(1)

This is used to adjust the temperature.

### Blower speed selector(2)

This is used to turn on the blower and to select blower speed.

## Air intake selector (3)



52RM50310

This selector is used to select the following modes.

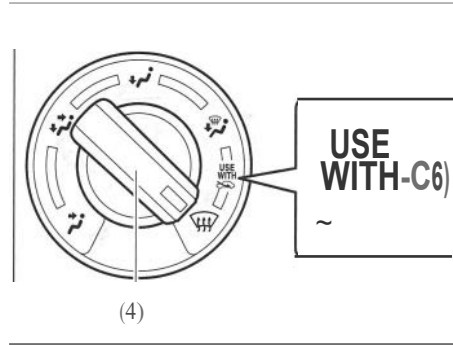
### FRESH AIR (a)

When this mode is selected by moving the lever to left, outside air comes in.

### RECIRCULATED AIR (b)

When this mode is selected by moving the lever to right, inside air is recirculated. This mode is suitable when driving in a dusty or polluted area or when attempting to quickly cool down or warm up the interior.

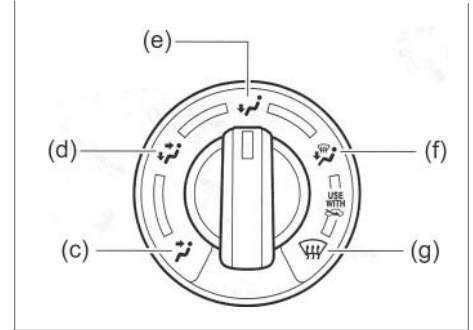
**NOTE:** If you select RECIRCULATED AIR for an extended period of time, the air in the vehicle can become misted. Therefore, you should select FRESH AIR whenever possible.



52RS50180

**NOTE:** The mark of "USE WITH-C6" is used for the windshield and/or the side windows defrost or the side window defrost. When positioning the selector (4) to "DEFROST" or "FREEZE", the fogged windshield or the side windows clear faster than "RECIRCULATED AIR".

## Air flow selector (4)



52RM50250

This is used to select one of the following functions.

### VENTILATION (e)



52RM50260

Temperature-controlled air comes out of the center and side air outlets.

## OTHER CONTROLS AND EQUIPMENT

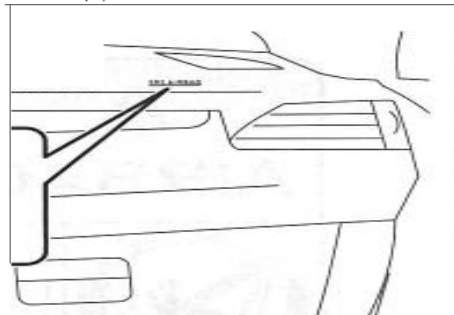
### BI-LEVEL (d)



52RM50270

Temperature-controlled air comes out of the floor outlets and cooler air comes out of the center and side outlets. When the temperature selector (1) is in the fully cold position or fully hot position, however, the air from the floor outlets and the air from the center and side outlets will be the same temperature.

### HEAT (e)



52RM50280

Temperature-controlled air comes out of the floor outlets and the side outlets, also comes out of the windshield defroster outlets and also comes slightly out of the side defroster outlets.



52RM50290

Temperature-controlled air comes out of the floor outlets, the windshield defroster outlets, the side defroster outlets and the side outlets.

**DEFROST (g)**

52RM50300

Temperature-controlled air comes out of the windshield defroster outlets, the side defroster outlets and the side outlets.

**Air conditioning switch(5)**

To turn on the air conditioning system, set the blower speed selector to a position other than off and push in "A/C" switch. With this "A/C" switch operation, a indicator light will come on when the air conditioning system is working. To turn off the air conditioning system, push "A/C" switch again.

During operation of the air conditioner, you may notice slight changes in engine speed. These changes are normal, the system is designed so that the compressor turns on or off to maintain the desired temperature.

Less operation of the compressor results in better fuel economy.

**System operating instructions****Natural ventilation**

Select VENTILATION and FRESH AIR, the temperature selector to the desired temperature position, and the blower speed selector to off. Fresh air will flow through the vehicle during driving.

**Forced ventilation**

The base settings are the same as for natural ventilation except you set the blower speed selector to a position other than off.

**Normal heating (using outside air)**

Select HEAT and FRESH AIR, the temperature selector to the desired temperature position and the blower speed selector to the desired blower speed position. Setting the blower speed selector to a higher blower speed position increases heating efficiency.

**Quick heating (using recirculated air)**

The base settings are the same as for normal heating except you select RECIRCULATED AIR. If you use this heating method for an extended period of time, the air in the vehicle can become contaminated and the windows can become misty. Therefore, use this method only for quick heating and change to the normal heating method as soon as possible.

## OTHER CONTROLS AND EQUIPMENT

### Head cooled/Feet warmed heating

Select BI-LEVEL and FRESH AIR, the temperature selector to the desired temperature position, and the blower speed selector to the desired blower speed position. Unless the temperature selector is in the fully cold position or fully hot position, the air that comes out of the center and side outlets will be cooler than the air that comes out of the floor outlets.

### Normal coding

Set the air flow selector to VENTILATION, the temperature selector to the desired temperature position and the blower speed selector to the desired blower speed position, and turn on "AJC" switch. Setting the blower speed selector to a higher blower speed position increases cooling efficiency.

You can switch the air intake selector to either FRESH AIR or RECIRCULATED AIR as you desire. Choosing RECIRCULATED AIR increases cooling efficiency.

### Quick coding (using recirculated air)

The base settings are the same as for normal cooling except you select RECIRCULATED AIR and the highest blower speed.

#### NOTE:

- If you select RECIRCULATED AIR for an extended period of time, the air in the vehicle can become contaminated and the windows tend to get misted. Therefore, you should select FRESH AIR whenever possible.

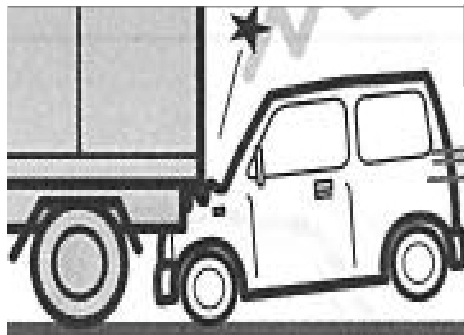
- If your vehicle has been left in the sun with the windows closed, it will cool faster if you open the windows briefly while you operate the air conditioner with the air intake selector at FRESH AIR and the blower at high speed.

### Dehumidify

Set the air flow selector to a desired air flow selector position, the temperature selector to the desired temperature position and the blower speed selector to the desired blower speed position. Also select FRESH AIR and turn on "AJC" switch.

#### NOTE:

Because the air conditioner dehumidifies the air, turning it on will help keep the windows clear, even when blowing heated air using DEFROST or HEAT & DEFROST functions.



52RM50320

#### NOTE:

If you need maximum defrosting:

- select DEFROST and FRESH AIR,
- set the blower speed selector to high,
- adjust the temperature selector to the hot end,
- turn on "A/C" switch, and
- adjust the side outlets so the air blows on the side windows.

**Maintenance**

If you do not use the air conditioner for a long period, such as during winter, it may not give the best performance when you start using it again. To help maintain optimum performance and durability of your air conditioner, it needs to be run periodically. Operate the air conditioner at least once a month for one minute with the engine idling. This circulates the refrigerant and oil and helps protect the internal components.

If your air conditioner is equipped with air filters, clean or replace them as specified in "Maintenance schedule" in "INSPECTION AND MAINTENANCE" section.

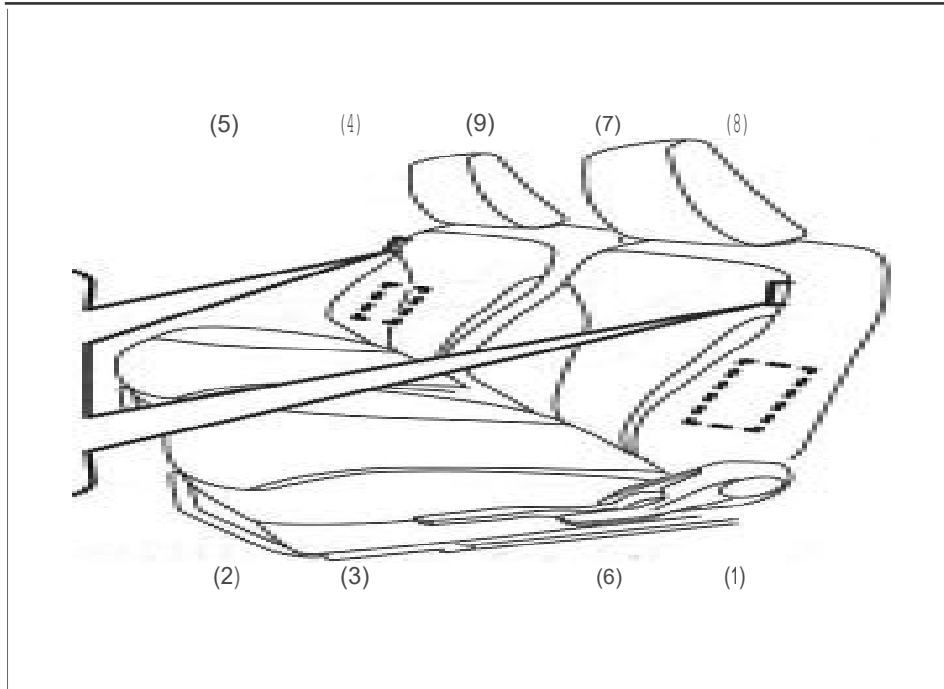
**NOTE:**  
*Your vehicle uses the air conditioning refrigerant HFO-1234yf, commonly called R-1234yf. R-1234yf replaced R-134a for automotive applications. Other refrigerants are available, but only R-1234yf should be used in your vehicle.*

**NOTICE**

**Using the wrong refrigerant may damage your air conditioning system. Use R-1234yf only. Do not mix or replace the R-1234yf with other refrigerants.**

## Automatic heating and air conditioning system (climate control)

### Description of controls



- (1) Temperature selector
- (2) Blower speed selector
- (3) Air intake selector
- (4) Air flow selector
- (5) Defrost switch
- (6) Air conditioning switch
- (7) "OFF" switch
- (8) "AUTO" switch
- (9) Display

52RM50340

## Temperature selector (1)



80J100E

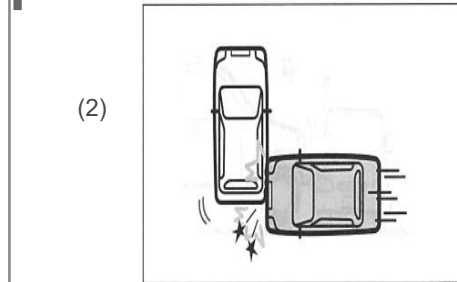
Turn the temperature selector (1) to adjust the temperature.

s2RMS0350

**NOTE:**  
If you turn the temperature selector (1) until "HI" or "LO" is displayed, the climate control system will operate at maximum heating or cooling. The temperature of the air from the climate control system will suddenly change while "LO" or "HI" is displayed, but this is normal.

**NOTE:**  
When you change the unit of temperature in the information display, the unit of temperature in the air gauge will also change. Refer to the "BEFORE OPERATION" section for details.

## Blower speed selector (2)

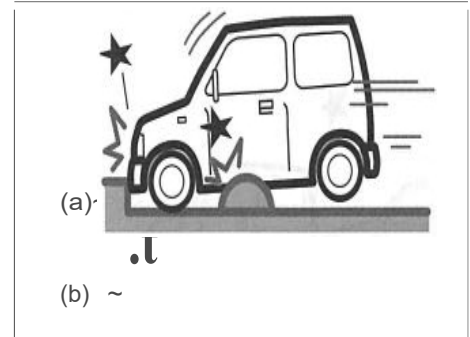


52RMS0360

The blower speed selector (2) is used to turn on the blower and to select blower speed.

If "AUTO" switch (8) is pushed, the blower speed will vary automatically as the climate control system maintains the selected temperature.

## Air intake selector (3)



s2RMS0310

Push the air intake selector (3) to change between the recirculated air and fresh air mode.

If "AUTO" switch (8) is pushed, the air intake will vary automatically as the climate control system maintains the selected temperature.

**NOTE:**  
When the recirculated air mode is selected, the automatic air intake system is deactivated even if you push "AUTO" switch (8).

## OTHER CONTROLS AND EQUIPMENT

### RECIRCULATED AIR (a)

When this mode is selected, outside air is shut off and inside air is recirculated. This mode is suitable when driving through dusty or polluted air such as a tunnel, or when attempting to quickly cool down or warm up the interior.

### FRESH AIR (b)

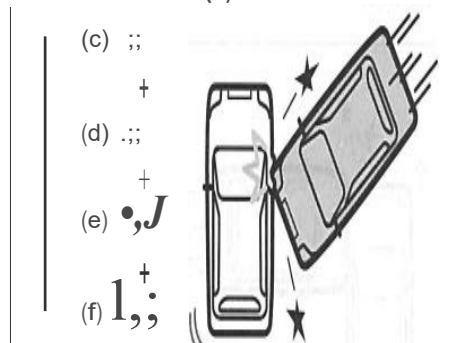
When this mode is selected, outside air is introduced.

FRESH AIR and RECIRCULATED AIR are selected alternately each time the air intake selector is pushed.

#### NOTE:

*If you select RECIRCULATED AIR for an extended period of time, the air in the vehicle can become contaminated and the windows tend to get misted. Therefore, you should select FRESH AIR whenever possible.*

### Air flow selector (4)



52RM50380

Push the air flow selector (4) to change among the following functions. The indication of the selected mode appears in the display.

If "AUTO" switch (8) is pushed, the air flow will vary automatically as the climate control system maintains the selected temperature.

### VENTILATION (e)



Temperature-controlled air comes out of the center and side outlets.

### BI-LEVEL (d)



Temperature-controlled air comes out of the floor outlets and cooler air comes out of the center and side outlets. When the temperature selector (1) is in the fully cold position or fully hot position, however, the air from the floor outlets and the air from the center and side outlets will be the same temperature.

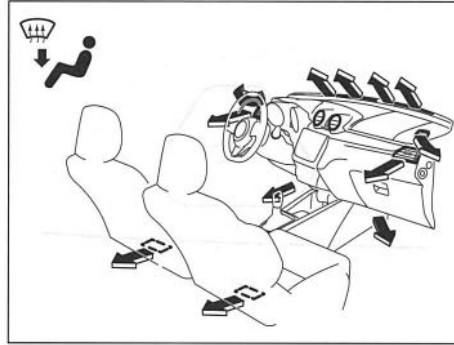
### HEAT (e)



65D610  
52RM50280

Temperature-controlled air comes out of the floor outlets and the side outlets, a small amount of air comes out of the windshield defroster outlets and also comes slightly out of the side defroster outlets.

### HEAT & DEFROST (f)



52RM50290

Temperature-controlled air comes out of the floor outlets, the windshield defroster outlets, the side defroster outlets and the side outlets.

### Defrost switch (5)

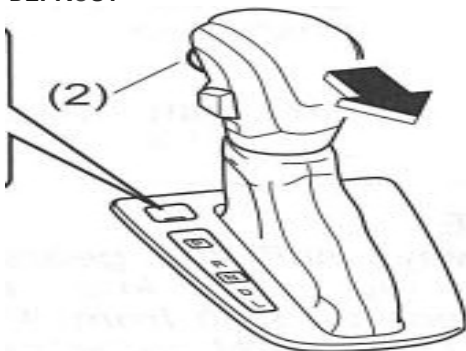


54G582  
52RM50390

Push the defrost switch (5) to turn on the defroster.

## OTHER CONTROLS AND EQUIPMENT

### DEFROST



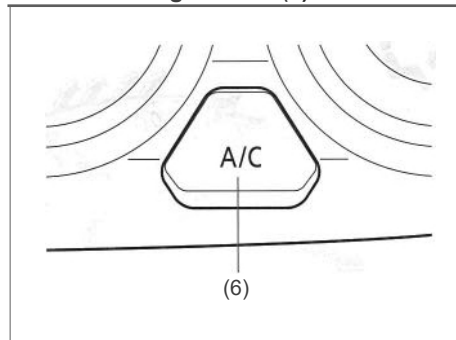
52RM50300

Temperature-controlled air comes out of the windshield defroster outlets, the side defroster outlets and the side outlets.

#### NOTE:

*When the defrost switch (5) is pushed to turn on the defroster, the air conditioning system will operate and FRESH AIR mode will be selected automatically. In very cold weather, however, the air conditioning system will not operate.*

### Air conditioning switch(6)

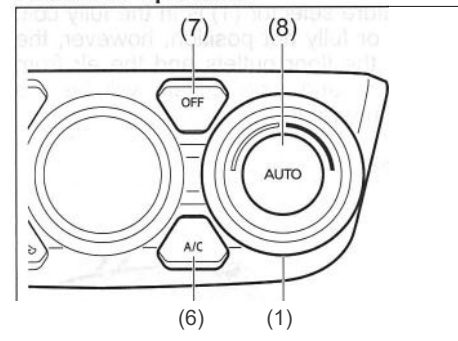


52RM50400

The air conditioning switch (6) is used to turn on and off the air conditioning system only when the blower is on. To turn on the air conditioning system, push in the switch and "A/C" will appear in the display. To turn off the air conditioning system, push in the switch again and "A/C" will go off.

## System operating instructions

### Automatic operation



52RM50410

You can let the climate control system work automatically. To set the system for fully-automatic operation, follow the procedure below.

- 1) Start the engine.
- 2) Push "AUTO" switch (8).
- 3) Set the desired temperature by turning the temperature selector (1).

The blower speed, air intake and air flow are controlled automatically to maintain the set temperature. However, the air flow is not changed to DEFROST position automatically.

#### NOTE:

*When the recirculated air mode is selected, the automatic operation system is deactivated even if you push "AUTO" switch (8).*

You can use the air conditioning switch (6) to manually turn the air conditioner on or off according to your preference. When you turn the air conditioning switch off, the climate control system cannot lower the inside temperature below outside temperature.

To turn the climate control system off, push "OFF" switch (7).

**NOTE:**

If "AUTO" in the display blinks, there is a problem in the heating system and/or air conditioning system. You should have the system inspected by an authorized SUZUKI dealer.

**NOTE:**

To find the temperature at which you are most comfortable, start with the 22°C (72°F) or 25°C (75°F) setting. (the temperature vary depending on vehicle specifications.).

If you turn the temperature selector (1) until "H/" or "LO" appears on the display, the climate control system w/1 operate at maximum heating or cooling and the blower w/1 run at full speed.

To avoid blowing co/d air in cold weather or hot air in hot weather, the system w/1 de/ay turning on the blower until warmed or cooled air is available.

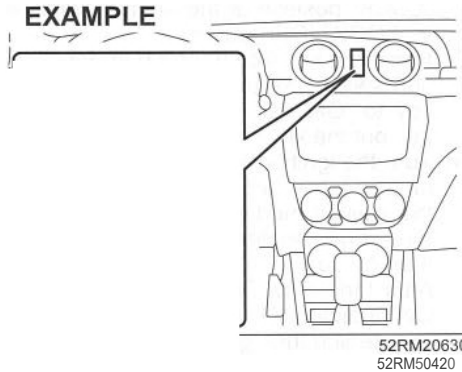
If your vehic/e has been left in the sun with the windows c/osed, it w/1 cool faster if you open the windows briefly.

Even under the automatic operation, you can set individual selectors to the manual

mode. The manual/y se/ected functions are maintained, and the other functions remain under automatic operation.

- If the windshield and/or the front door windows are fogged, push the defrost switch (5) to turn on the defroster, or push the air f/ow selector (4) to change the air flow to HEAT & DEFROST position to defog the windows.
- To return the blower speed selector (2), air intake selector (3), and air flow selector (4) to automatic operation, push "AUTO" switch (8).

**EXAMPLE**



Be careful not to cover the interior temperature sensor (10) located between the steering wheel and the climate control panel, or the solar sensor (11) located at the top of the driver's side dashboard. These sensors are used by the automatic system to regulate temperature.

**Manual operation**

You can manually control the climate control system. Set the selectors to the desired positions.



**NOTE:**

If you need maximum defrosting:

- push the defrost switch (5) to turn on the defroster (the air conditioning system w/1 operate and FRESH AIR mode w/1 be selected automatica/ly),
- set the blower speed selector to high,
- adjust the temperature selector to "HI" indication on the display, and
- adjust the side outlets so the air blows on the side windows.

# OTHER CONTROLS AND EQUIPMENT

## Models with ENG A-STOP System (if equipped)

- If the heating performance can no longer perform at a sufficient level due to automatically stopping the engine, press the ENG A-STOP OFF switch to deactivate the ENG A-STOP system. (The engine will automatically restart and the air conditioning performance will be restored.)
- If the windshield and/or the driver's side/passenger side door windows are fogged during automatically stopping the engine, stop the ENG A-STOP system and restart the engine. Then, turn the air flow selector (4) to change the air flow to the HEAT & DEFROST or DEFROST position to defog the windows.

## Maintenance

If you do not use the air conditioner for a long period, such as during winter, it may not give the best performance when you start using it again. To help maintain optimum performance and durability of your air conditioner, it needs to be run periodically. Operate the air conditioner at least once a month for one minute with the engine idling. This circulates the refrigerant and oil and helps protect the internal components.

If your air conditioner is equipped with air filters, clean or replace them as specified in "Maintenance schedule" in "INSPECTION AND MAINTENANCE" section. Have this job done by an authorized SUZUKI dealer as the lower glove box must be lowered for this job.

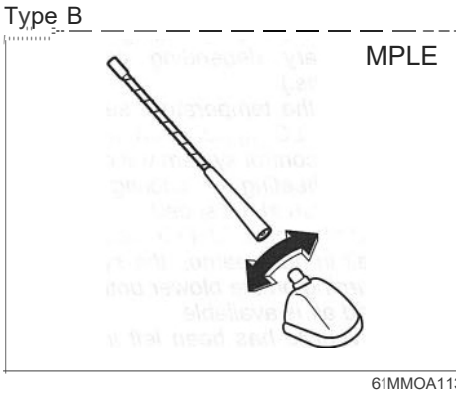
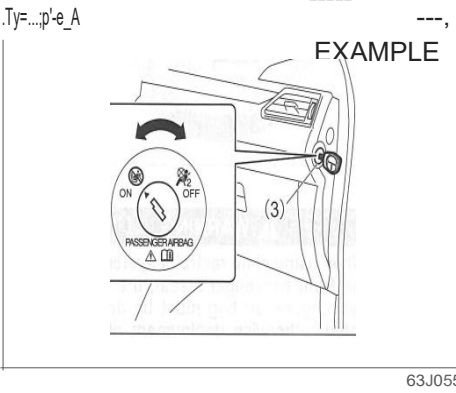
### NOTE:

Your vehicle uses the air conditioning refrigerant HF0-1234yf, commonly called R-1234yf. R-1234yf replaced R-134a for automotive applications. Other refrigerants are available, but only R-1234yf should be used in your vehicle.

### NOTICE

Using the wrong refrigerant may damage your air conditioning system. Use R-1234yf only. Do not mix or replace the R-1234yf with other refrigerants.

## Radio antenna



The radio antenna on the roof is removable. To remove the antenna, turn it counterclockwise. To reinstall the antenna, turn it clockwise firmly by hand.

**NOTICE**

To avoid damage to the radio antenna:

- Remove the antenna when using an automatic car wash.
- Remove the antenna when the antenna hits anything such as a low ceiling in a parking garage or putting a car cover over your vehicle.

**Installation of radio frequency transmitters****NOTE:**

*When you intend to use Radio Frequency (RF) transmitting equipment in your vehicle, refer to "Installation of Radio Frequency (RF) Transmitting Equipment" in the end of this book.*

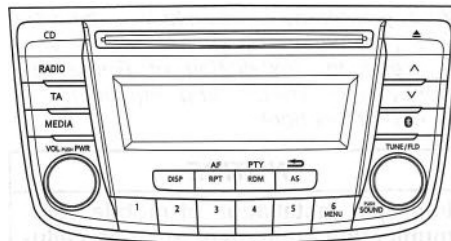
**NOTICE**

Improper installation of mobile communication equipment such as cellular telephones, CB (Citizen's Band) radios or any other wireless transmitters may cause electronic interference with your vehicle's ignition system, resulting in vehicle performance problems. Consult an authorized SUZUKI dealer or qualified service technician for advice.

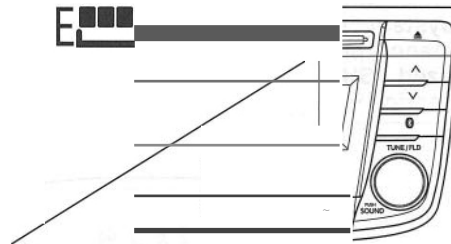
## Audio system (Type A / Type B) (if equipped)

EXAMPLE

Type A



Type B



52RM50500

Type A: AM/FM/DAB CD player with Bluetooth® function

Type B: AM/FM CD player with Bluetooth® function

## Safety information

### ⚠ WARNING

If you pay too much attention to operating the audio system or watching the audio system display while driving, an accident can occur. If you set the sound volume too loud, it could prevent you from being aware of road and traffic conditions.

- Keep your eyes on the road and your mind on the drive. Avoid paying too much attention to operating the audio system or watching the audio system display.
- Familiarize yourself with the audio system controls and operation of the audio system before driving.
- Preset your favorite radio stations before driving so that you can quickly tune to them using the presets.
- Set the sound volume to a level that will allow you to continue to be aware of surrounding road and traffic conditions while driving.

## Notes on discs

### Precautions

When the inside of the vehicle is very cold and the player is used soon after switching on the heater, condensation may form on the compact disc (CD) or the optical parts of the player and proper playback may not be possible. If condensation forms on the disc, wipe it off with a soft cloth. If condensation forms on the optical parts of the player, do not use the player for about one hour. This will allow the condensation to disappear normally.

Driving on extremely bumpy roads which cause severe vibrations may cause sound to skip when playing a CD.

This unit uses a precision mechanism. Even in the event that trouble arises, never open the case, disassemble the unit, or lubricate the rotating parts. Bring the unit to an authorized SUZUKI dealer.

## Cautions on handling

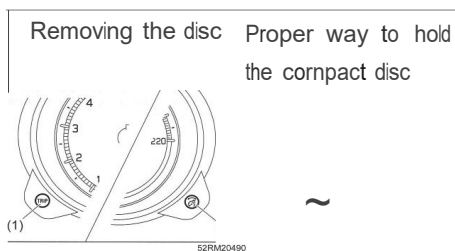


520274

This unit has been designed specifically for playback of compact discs bearing mark {A} shown above.

No other discs can be played.

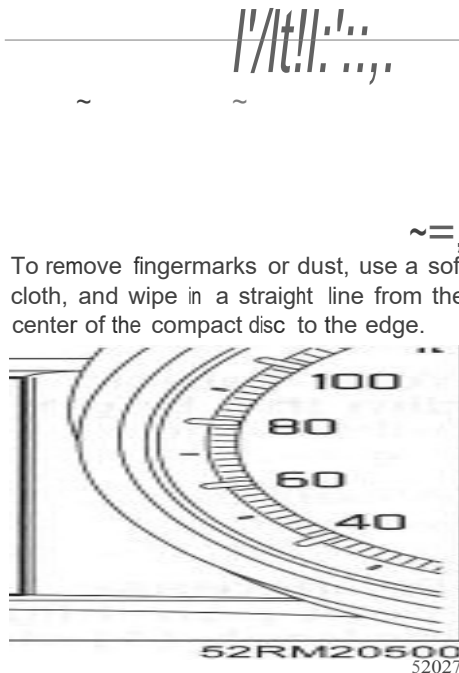
## OTHER CONTROLS AND EQUIPMENT



520275

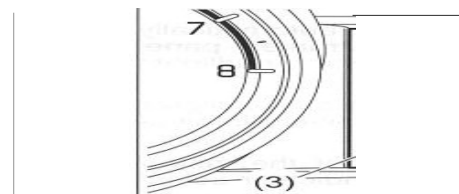
To remove the compact disc from its storage case, press down on the center of the case and lift the disc out, holding it carefully by the edges.

Always handle the compact disc by the edges.  
Never touch the surface.

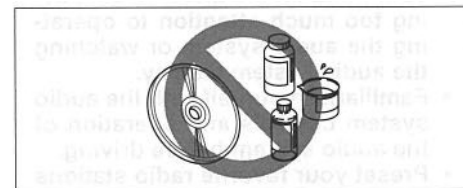


520277

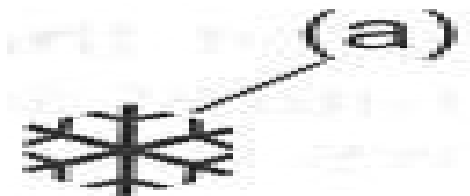
New discs may have some roughness around the edges. The unit may not work or the sound may skip if such discs are used. Use a ball-point pen (B), etc. to remove the roughness (C) from edges of the disc before inserting it into the unit.



Never affix labels on the surface of the compact disc or write on the surface with a pencil or pen.

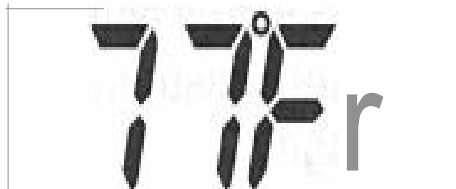


Do not use any solvents such as commercially available cleaners, anti-static spray, or thinner to clean compact discs.



520350

Do not use compact discs that have large scratches, are misshaped, or cracked, etc. Use of such discs will cause damage or prevent the system from operating properly.



520351

Do not expose compact discs to direct sunlight or any heat source.

**NOTE:**

- *Do not use commercially available CD protection sheets or discs equipped with stabilizers, etc.*  
*These may get caught in the internal mechanism and damage the disc and the mechanism.*
- *It may be impossible to play CD-R discs with this unit due to the recording format.*
- *CD-RW discs cannot be played with this unit.*

### A WARNING

This is a class I laser product. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Do not open covers and do not attempt to repair this unit by yourself.

Ask an authorized SUZUKI dealer for the repair.

### C)Bluetooth

The Bluetooth® word mark and logo are registered trademarks and are owned by the Bluetooth SIG, Inc.

Stop using this unit and a Bluetooth® ready device whenever requested.

This unit shares the communication frequency with other private or public wireless communication equipment such as a wireless LAN and other wireless communication radios.

You should stop using this unit immediately whenever you are notified that your unit disturbs other wireless communication.

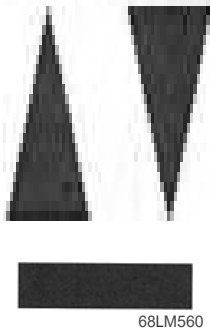
### CE:

Access to <http://www.ptc.panasonic.eu/>, enter the below

Model No. into the keyword search box, you can download the latest "DECLARATION of CONFORMITY" (DoC).

Set No. AZ1601

### Information on disposal for users of waste electrical & electronic equipment (private households)



This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries you may be able to return your products to your local retailer upon the purchase of an equivalent new product.

Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

### For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

### Information on disposal in other countries outside the European Union

This symbol is only valid in the European Union.

If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

**CE:** Declaration of Conformity (Doc)  
 "Hereby Panasonic Corporation, declares that this Set No. AZ1601 is in compliance with the essential requirements and other relevant provision of Directive 1999/5/EC"

## OTHER CONTROLS AND EQUIPMENT

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Part 15 of the FCC Rules

FCC ID: ACJ932AZ1601

**NOTE:**

*Properly shielded and grounded cables and connectors must be used for connection to host computers and/or peripherals in order to meet FCC emission limits.*

### A. WARNING

#### RF Exposure

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). [But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person's body.]

### A. CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### A. WARNING

This is a class I laser product. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Do not open covers and do not attempt to repair this unit by yourself. Ask an authorized dealer for the repair.

## Bluetooth®

The Bluetooth® word mark and logo are registered trademarks and are owned by the Bluetooth SIG, Inc.

**NOTE:**

*This equipment complies with FCC radiation exposure limits set forth for uncontrolled equipment and meets the FCC radio frequency (RF) Exposure Guidelines in Supplement C to OET65. This equipment has very low level of RF energy which does not comply with maximum permissive exposure (MPE) evaluation. But it is desirable that it should be installed and operated with at least 20cm and more between the radiator and person's body (excluding extremities: hands, wrists, feet and ankles).*

**Stop using this unit and a Bluetooth® ready device whenever requested.**

This unit shares the communication frequency with other private or public wireless communication equipment such as a wireless LAN and other wireless communication radios.

You should stop using this unit whenever you are notified that your unit disturbs other wireless communication immediately.

**NOTE:**

*These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:*

- *Reorient or relocate the receiving antenna.*
- *Increase the separation between the equipment and receiver.*
- *Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- *Consult the dealer or an experienced radio/TV technician for help.*
- *This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.*

## OTHER CONTROLS AND EQUIPMENT

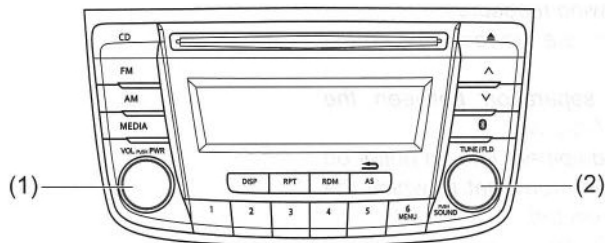
### Basic operations

TypeA



EXAMPLE

TypeB



#### Turning on/off power

Press "VOL PUSH PWR" knob (1) to turn on the audio system. The unit starts to operate in the previous setting that the system was turned off.

#### Adjusting the volume

Turn "VOL PUSH PWR" knob (1).

Turning it clockwise increases the volume; turning it counterclockwise decreases the volume.

#### NOTE:

*For the purposes of safe driving, adjust the audio volume to a level that allows you to hear sounds outside of the vehicle including car horns and particularly emergency vehicle sirens.*

52RM50510

(1) "VOL PUSH PWR" knob

(2) "TUNE/FLD PUSH SOUND" knob

**Adjusting bass/treble/balance/fader**

- 1) Press "TUNE/FLD PUSH SOUND" knob (2).

Each time the knob is pressed, sound adjustment mode will change as follows:

Preset-EQ (**EQ OFF**)

↓  
Bass adjustment (**BASS 0**)

↓  
Treble adjustment (**TREBLE 0**)

↓  
Balance adjustment (**BALANCE 0**)

↓  
Fader adjustment (**FADER 0**)

↓  
AVC adjustment (**AVC LEVEL 2**) -

- 2) Turn "TUNE/FLD PUSH SOUND" knob (2) to adjust the sound.

**Adjusting the AVC (Auto volume control)**

The Auto Volume Control (AVC) function automatically adjusts (increases/decreases) the sound volume in accordance with vehicle speed. The AVC control is provided with three selectable levels (LEVEL OFF, 1, 2, 3). The range of volume adjustment increases together with the LEVEL number.

- 1) Press "TUNE/FLD PUSH SOUND" knob (2) until the AVC adjustment mode is selected.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (2) to select the desired AVC adjustment level. (Initial setting: LEVEL 2)

**Preset-EQ**

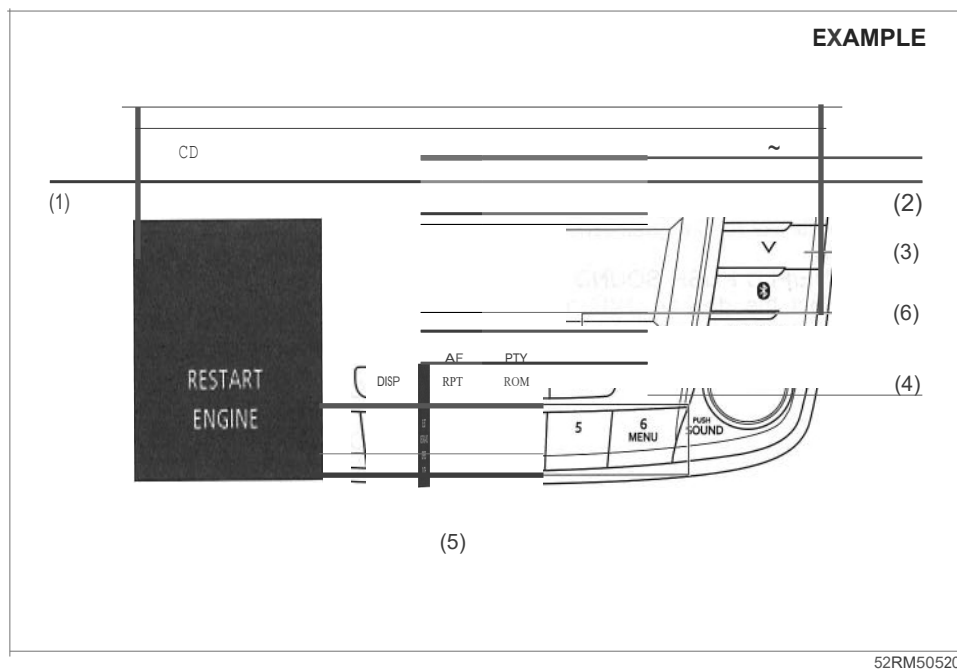
Preset-EQ (equalizer) calls up various sound modes optimized for specific music category.

- 1) Press "TUNE/FLD PUSH SOUND" knob (2) several times until "PRESET-EQ" appears.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (2).

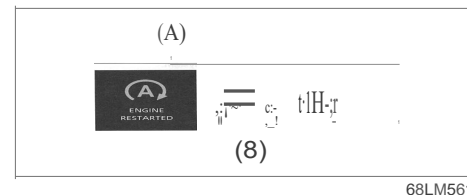
Each time the knob is turned, preset EQ mode will change as follows:

OFF (FLAT) — — — — —  
↓  
JAZZ  
↓  
ROCK  
↓  
POP  
↓  
CLASSIC  
↓  
HIP-HOP

## Listening to the radio (Type A)



## Display

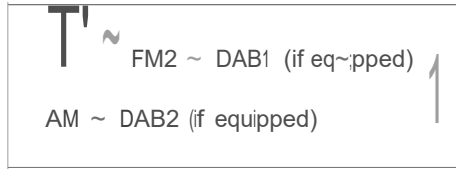


- (A) 8and
- (8) Frequency

**Selecting the reception band**

Press the "RADIO" button (1).

Each time the button is pressed, the reception band will change as follows:

**Seek tuning**

Press UP button (2) or DOWN button (3). The unit stops searching for a station at a frequency where a broadcast station is available.

**NOTE:**

If AF is on, the unit searches for ROS stations only.

**Manual tuning**

Turn "TUNE/FLD PUSH SOUND" knob (4). The frequency being received is displayed.

**Preset memory**

- 1) Select the desired station.
- 2) Hold down a desired button ([1] to [6]) of PRESET buttons (5) to which you want to store the station for 2 seconds or longer.

**Auto store**

Hold down "AS" button (6) for 2 seconds or longer.

6 stations in good reception will automatically be stored to PRESET buttons (5) in order, starting from a station whose frequency is the lowest.

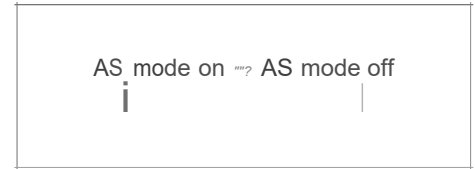
**NOTE:**

- Auto store can be released by pressing "AS" button (6) while auto store is under way.
- When the auto store is performed, the station previously stored in the memory at the position is overwritten.
- When there are fewer than 6 stations that can be stored even if 1 round of auto store operation is performed, no station will be stored at the remaining PRESET buttons (5).
- 6 stations can be preset for FM1 and FM2 in common, and 6 stations for AM in auto store mode.
- If AF is on, the unit searches for ROS stations only.

**Auto store mode on/off**

Press "AS" button (6).

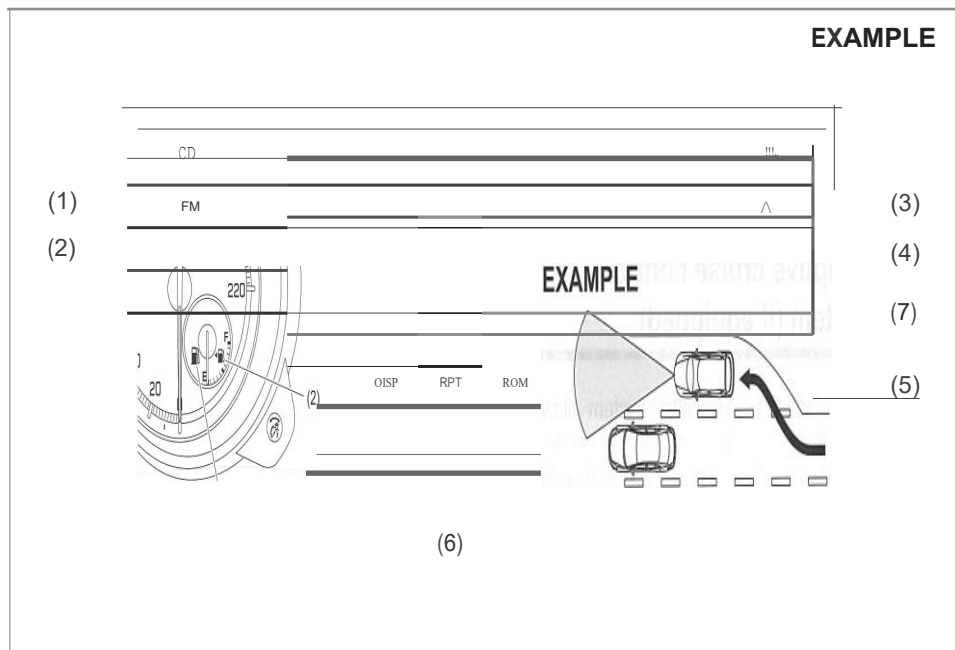
Each time the button is pressed, the mode is switched as follows:

**Radio reception**

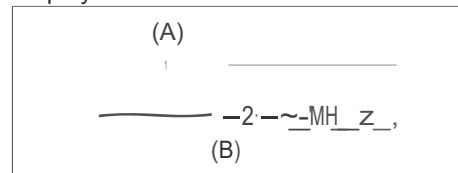
Radio reception can be affected by environment, atmospheric conditions, or radio signal's power and distance from the station. Nearby mountains and buildings may interfere or deflect radio reception, causing poor reception. Poor reception or radio static can also be caused by electric current from overhead wires or high voltage power lines.

## OTHER CONTROLS AND EQUIPMENT

### Listening to the radio (Type B)



### Display



- (A) Band
- (B) Frequency

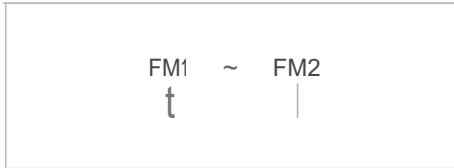
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- (1) "FM" button
- (2) "AM" button
- (3) UP button
- (4) DOWN button
- (5) "TUNE/FLD PUSH SOUND" knob
- (6) PRESET buttons ([1] to [6])
- (7) "AS" button

**Selecting the FM band**

Press "FM" button (1).

Each time the button is pressed, the reception band will change as follows:

**Selecting the AM band**

Press "AM" button (2).

**Seek tuning**

Press UP button (3) or DOWN button (4).

The unit stops searching for a station at a frequency where a broadcast station is available.

**Manual tuning**

Turn "TUNE/FLD PUSH SOUND" knob (5).

The frequency being received is displayed.

**Preset memory**

- 1) Select the desired station.
- 2) Hold down a desired button ([1] to [6]) of the PRESET buttons (6) to which you want to store the station for 2 seconds or longer.

**Autostore**

Hold down "AS" button (7) for 2 seconds or longer.

6 stations in good reception will automatically be stored to PRESET buttons (6) in order, starting from a station whose frequency is the lowest.

**NOTE:**

*Auto store can be released by pressing "AS" button (7) while auto store is under way.*

*When the auto store is performed, the station previously stored in the memory at the position is overwritten.*

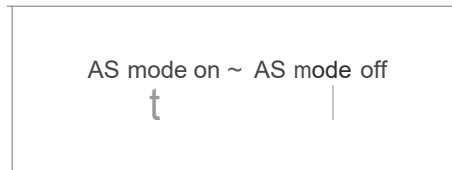
*When there are fewer than 6 stations that can be stored even if 1 round of auto store operation is performed, no station will be stored at the remaining PRESET buttons (6).*

*6 stations can be preset for FM1 and FM2 in common, and 6 stations for AM in auto store mode.*

**Autostore mode on/off**

Press "AS" button (7).

Each time the button is pressed, the mode is switched as follows:

**Radio reception**

Radio reception can be affected by environment, atmospheric conditions, or radio signal's power and distance from the station. Nearby mountains and buildings may interfere or deflect radio reception, causing poor reception. Poor reception or radio static can also be caused by electric current from overhead wires or high voltage power lines.

### Using the ROS functions (Type A)

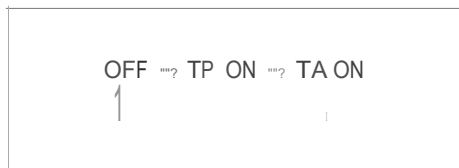


- (A) Band  
(8) Channel number  
(C) Program service (PS) name

TA (Traffic Announcement) on/off

Press "TA" button (1).

Each time it is pressed, TA adjustment is changed as follows:



**NOTE:**

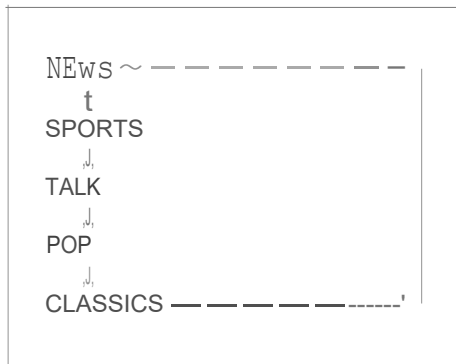
- For listening to only traffic information, activate TA. Once traffic information starts, the volume changes automatically.
- "TP" indicator lights up when TP (Traffic Program) is on. It blinks when no TP data is received.
- "TA" indicator lights while TA is activated. On the other hand, "TA" indicator blinks if the TP data cannot be received.
- If UP button (4) or DOWN button (5) is pressed while TA or TP is set to on, the unit searches for a TP station.
- If no TP station is received, the unit displays "TP NOTHING".

PTY (Program Type) search

1) Press "RDM/PTY" button (2) to select PTY mode.

2) Press "RDM/PTY" button (2) while PTY is displayed.

Each time it is pressed, PTY adjustment is changed as follows:



3) Press UP button (4) or DOWN button (5) while PTY is displayed.

Search begins.

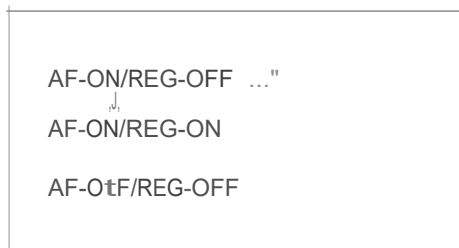
**NOTE:**

If no PTY information is received, the unit displays "NOPTY".

AF (Alternative Frequency) on/off

Press "RPT/AF" button (3).

Each time it is pressed, AF adjustment is changed as follows:



AF: If the reception condition becomes poor, the frequency of the same program with good reception is automatically searched.

REG: With regard to the automatically searched frequency with AF activated, the alternative frequency of the same program is searched within the present region when REG is activated.

**NOTE:**

"AF" indicator lights up when AF is on. In addition, "REG" indicator lights up when REG is on.

## OTHER CONTROLS AND EQUIPMENT

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### **TA standby**

At the moment traffic information is received while the source is set to CD, USB, iPod®, AUX, DAS, or Bluetooth® audio with TA activated, the source is automatically changed to radio. After reception of traffic information, the source, which was selected before being changed to radio, resumes.

### **NOTE:**

*If no TP station can be received while the unit stands by for TA, it automatically searches for a TP station.*

### **EON (Enhanced Other Network)**

When the EON data is received with TP or TA activated, "EON" indicator lights up, and the traffic information from a network other than the currently received station is allowed to be received.

### **Emergency announcement reception**

Emergency announcements are automatically received and displayed.

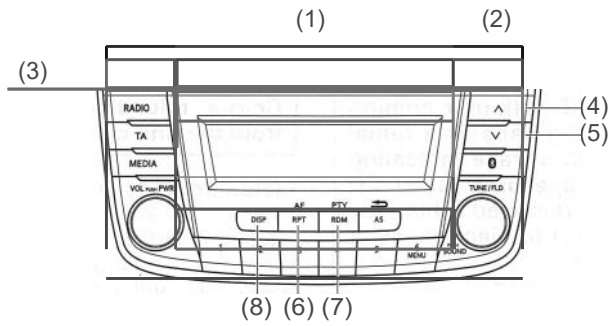
Listening to a CD

Display

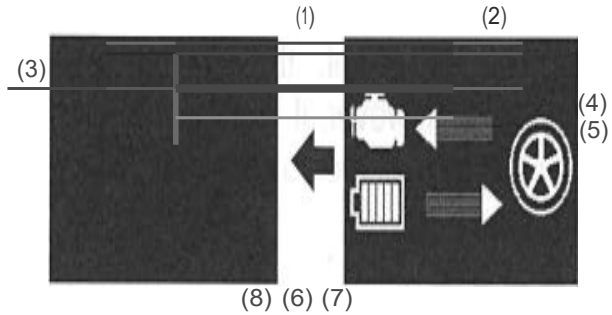
(A)		
CD	Tr	(11
	(1:	12
(B)		

EXAMPLE

Type A



Type B



(A) Track number  
(8) Play time

NOTE:

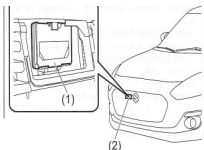
*This product does not support 8 cm CD (sometimes called as "mini single CD", "3-inch CD", "CD3", etc.).*

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- (1) Insertion slot
- (2) EJECT button
- (3) "CD" button
- (4) UP button
- (5) DOWN button
- (6) "RPT" button
- (7) "ROM" button
- (8) "DISP" button



- CDs or CD-ROMs without mark (A) cannot be used.
- Some discs recorded in CD-R/CD-RW format may sometimes be impossible to use.



- A CD is to be inserted with its label side up.
- When there is a CD already in the unit, it is impossible to insert another CD without ejecting the CD in the unit. Do not use force to insert a CD into the CD insertion slot.

### NOTICE

- Never insert your finger or hand into the CD insertion slot. Never insert foreign objects into the CD insertion slot.
- Never insert a CD with glue coming out from adhesive tape or a rental CD label or with a trace indicating that adhesive tape or a rental CD label has been removed. This may cause the CD not to eject or result in a malfunction.

### Loading a CD

Insert a CD in the insertion slot (1).  
When the CD is loaded, it starts to play.

### Ejecting a CD

Press EJECT button (2).  
When the ignition switch is in "LOCK" position or the engine switch is in LOCK (OFF) mode, the CD being ejected for around 15 seconds or longer will automatically be drawn inside the unit. (Auto reload function)

The backup eject function:

This function allows you to eject a CD by pressing EJECT button (2) even when the ignition switch is in "LOCK" position or the engine switch is in LOCK (OFF) mode.

### NOTICE

Do not forcefully try to push an ejected CD inside the unit before auto reloading, the disc surface might be scratched.  
Before reloading a CD, remove it from the unit completely.

### Listening to a CD

When a CD is inserted, playback will automatically start.  
When a CD is already inside the unit, press "CD" button (3) to start playback.

### Selecting a track

- Press UP button (4) to listen to the next track.
- Press DOWN button (5) twice to listen to the previous track.  
When DOWN button (5) is pressed once, the track currently being played will start from the beginning again.

### Fast forwarding/rewinding a track

- Hold down UP button (4) to fast forward the track.
- Hold down DOWN button (5) to fast rewind the track.

**Random playback**

Press "ROM" button (7).

Each time the button is pressed, the mode will change as follows:



- **TRACK RANDOM**

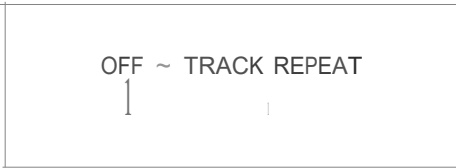
The random indicator "ROM" will light.

The tracks in the loaded disc will be played in random order.

**Repeat playback**

Press "RPT" button (6).

Each time the button is pressed, the mode will change as follows:



- **TRACK REPEAT**

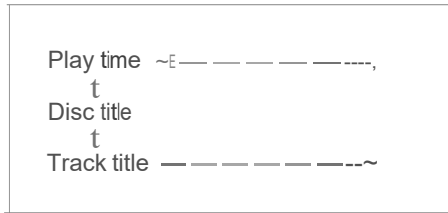
The repeat indicator "RPT" will light.

The track currently being played will be played repeatedly.

**Display change**

Press "DISP" button (8).

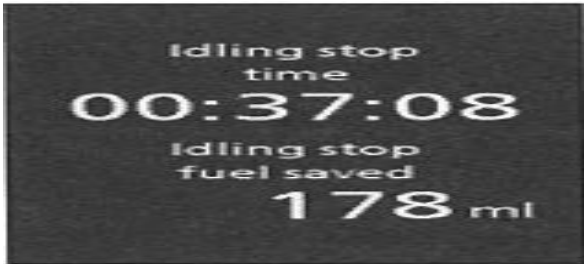
Each time the button is pressed, display will change as follows:

**NOTE:**

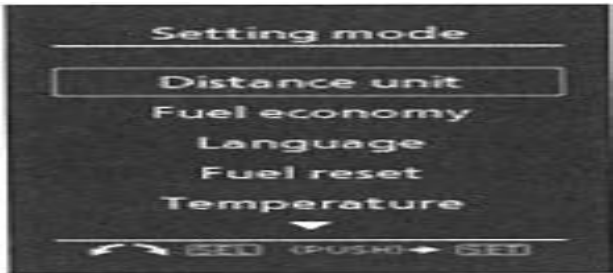
- "NO TITLE" will be displayed when there is no text information in the disc currently being played.
- If text data contains more than 16 characters, ">" mark will appear at the right end. Holding down "DISP" button (8) for 1 second or longer can display the next page.

Listening to a MP3/WMA/AAC disc

EXAMPLE



(6) (4) (5)



(6) (4) (5)

Display

	(A)	(B)
CD	n3	13-001
MP3	ü:	02
	(O)	(C)

- (A) Folder number
- (B) Track number
- (C) Play time
- (O) File type

- (1) "TUNE/FLD PUSH SOUND" knob
- (2) UP button
- (3) DOWN button
- (4) "RPT" button
- (5) "ROM" button
- (6) "DISP" button

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### Selecting a folder

Turn "TUNE/FLO PUSH SOUND" knob (1) to select a folder.

### Selecting a track

- Press UP button (2) to listen to the next track.
- Press OOWN button (3) twice to listen to the previous track.  
When OOWN button (3) is pressed once, the track currently being played will start from the beginning again.

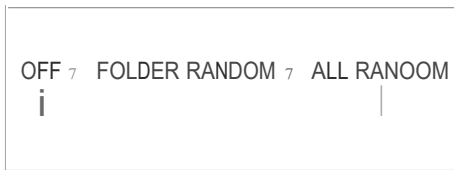
### Fast forwarding/rewinding a track

- Hold down UP button (2) to fast forward the track.
- Hold down OOWN button (3) to fast rewind the track.

### Random playback

Press "ROM" button (5).

Each time the button is pressed, the mode will change as follows:



- FOLUER RANOOM  
The random indicator "F.ROM" will light.  
The tracks in the current folder will be played in random order.
- ALL RANOOM  
The random indicator "ROM" will light.  
The tracks in the loaded disc will be played in random order.

### Repeat playback

Press "RPT" button (4).

Each time the button is pressed, the mode will change as follows:

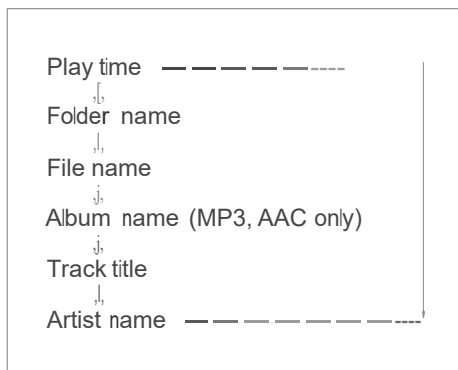


- FILE REPEAT  
The repeat indicator "RPT" will light.  
The track currently being played will be played repeatedly.
- FOLUER REPEAT  
The repeat indicator "F.RPT" will light.  
All tracks in the currently selected folder will be played repeatedly.

Display change

Press "DISP" button (6).

Each time the button is pressed, display will change as follows:



**NOTE:**

- "NO TITLE" will be displayed when there is no text information in the disc currently being played.
- If text data contains more than 16 characters, ">" mark will appear at the right end. Holding down "DISP" button (6) for 1 second or longer can display the next page.

### Notes on MP3/WMA/AAC

What is MP3?

An abbreviation of "MPEG audio layer3", MP3 is an audio compression format that has become the standard format among PC users. Its merit is that the original audio data is compressed to approximately 1/10 and high sound quality is maintained. This means that it is possible to store the data of approximately 10 music CDs on a single CD-R/RW disc, which in turn makes it possible to play music for a long time without having to change the disc.

What is WMA?

- An abbreviation of "Windows Media Audio," WMA is an audio compression format developed by Microsoft.
- WMA files for which the DRM (Digital Rights Management) function is on cannot be played.

Windows Media™ and the Windows® logo are trademarks or registered trademarks of Microsoft Corporation in the United States and other countries.

What is AAC?

- An abbreviation of "Advanced Audio Coding," AAC is an audio compression format used by MPEG2 and MPEG4.

Points to remember when making MP3/WMA/AAC files

Common

- High bit rate and high sampling frequency are recommended for high quality sounds.
- Selecting VBR (Variable Bit Rate) is not recommended. Selecting VBR may cause display of incorrect playing time and jumpiness of playback.
- Playback sound quality varies depending on the encoding environment. For details, refer to the user manual of the encoding software and the writing software in use.

### NOTICE

Never use ".mp3", ".wma" or ".m4a" as a file name extension if it is not in the MP3/WMA/AAC format file. Failure to observe this may result in damage to the speaker due to noise production.

Recording MP3/WMA/AAC files on a CD media

- It is recommended not to write both CO-DA files and MP3/WMA/AAC files on a disc.
- If both CD-DA files and MP3/WMA/AAC files are on the same disc, tracks may not be played in the correct order or some tracks may not be played at all.
- When storing both MP3 data and WMA data on the same disc, sort and place them in different folders.
- Do not write files other than MP3/WMA/AAC files and unnecessary folders on a disc.
- MP3/WMA/AAC files should be named to meet the standards and the file system specifications as shown below. The file extension ".mp3", ".wma" or ".m4a" should be assigned to files based on their format independently.

You may encounter a trouble in playing MP3/WMA/AAC files or displaying information of MP3/WMA/AAC files depending on the writing software or CD recorder in use.

- This unit does not have a playlist function.
- It is recommended to write discs in Disc-at-Once mode even though Multi-session mode is supported. These modes are the methods for writing audio data in CD.

Compression formats

MP3

Bit rate:

MPEG1 Audio Layer III: 32 k - 320 kbps

MPEG2 Audio Layer III: 8 k - 160 kbps

MPEG2.5 Audio Layer III: 8 k - 160 kbps

Sampling frequency:

MPEG1 Audio Layer III: 32 k/44.1 k/

48 kHz

MPEG2 Audio Layer III: 16 k/22.05 k/

24 kHz

MPEG2.5 Audio Layer III: 8 k/11.025 k/

12 kHz

WMA (Ver. 7, Ver. 8, Ver. 9*)

- Bit rate: CBR 32 k - 320 kbps
- Sampling frequency: 32 k/44.1 k/48 kHz
- * WMA 9 Professional/Lossless/Voice are not supported.

AAC*

- Bit rate: ABR 16 k - 320 kbps
- Sampling frequency: 32 k/44.1 k/48 kHz
- * Apple Lossless is not supported.

Supported file systems

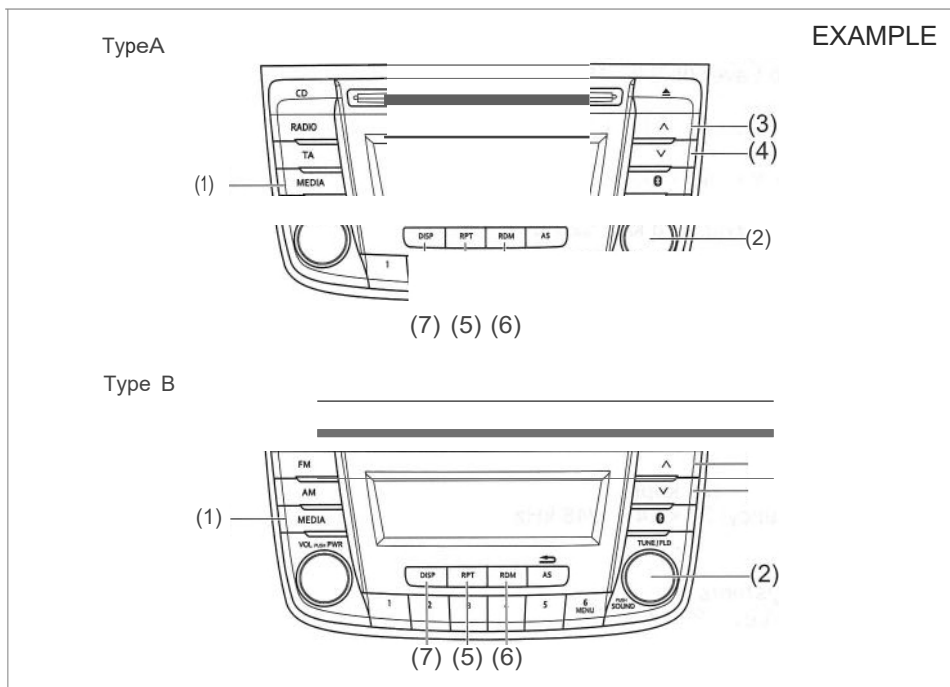
ISO 9660 Level 1/Level 2, Joliet, Romeo

Maximum number of files/folders

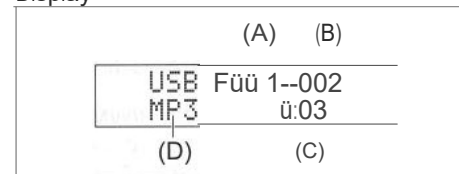
- Maximum number of files: 512
- Maximum number of files in a folder: 255
- Maximum depth of tree structure: 8
- Maximum number of folders: 255  
(Root folder is included.)

## OTHER CONTROL\$ AND EQUIPMENT

### Listening to files stored in a USB device



### Display



- (A) Folder number
- (B) Track number
- (C) Play time
- (D) File type

### NOTICE

Do not connect any USB device other than a USB memory or a USB audio player. Do not connect multiple USB devices to the USB connector using a USB hub, etc. Supplying power to multiple USB devices from the connector could cause overheating and smoking.

52RM50570

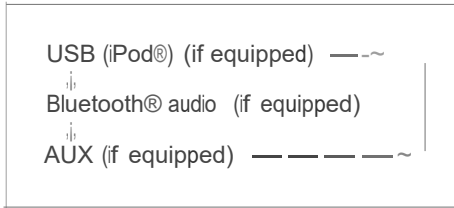
- (1) "MEDIA" button
- (3) UP button
- (5) "RPT" button
- (7) "DISP" button

- (2) "TUNE/FLD PUSH SOUND" knob
- (4) DOWN button
- (6) "RDM" button

**Selecting a USB device mode**

Press "MEDIA" button (1).

Each time the button is pressed, the mode will change as follows:

**Selecting a folder**

Turn "TUNE/FLD PUSH SOUND" knob (2) to select the desired folder.

**Selecting a track**

- Press UP button (3) to listen to the next track.
- Press DOWN button (4) twice to listen to the previous track.  
When DOWN button (4) is pressed once, the track currently being played will start from the beginning again.

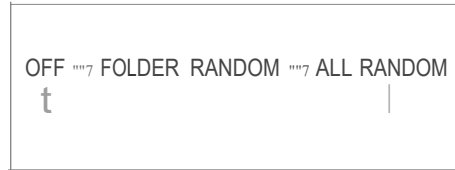
**Fast forwarding/rewinding a track**

- Hold down UP button (3) to fast forward the track.
- Hold down DOWN button (4) to fast rewind the track.

**Random playback**

Press "RDM" button (6).

Each time the button is pressed, the mode will change as follows:

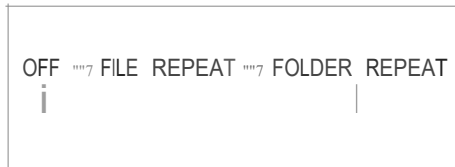


- **FOLDER RANDOM**  
The random indicator "F.RDM" will light.  
The tracks in the currently selected folder will be played in random order.
- **ALL RANDOM**  
The random indicator "RDM" will light.  
The tracks in the connected USB device will be played in random order.

**Repeat playback**

Press "RPT" button (5).

Each time the button is pressed, the mode will change as follows:



- **FILE REPEAT**  
The repeat indicator "RPT" will light.  
The track currently being played will be played repeatedly.

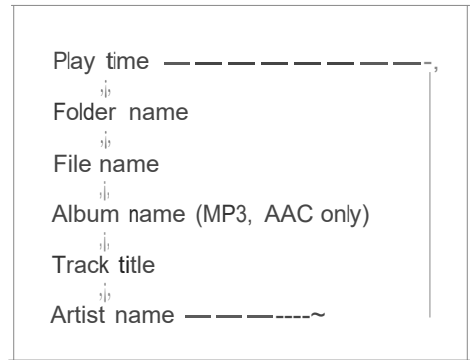
- **FOLDER REPEAT**

The repeat indicator "F.RPT" will light.  
All the tracks in the folder currently selected will be played repeatedly.

**Display change**

Press "DISP" button (7).

Each time the button is pressed, display will change as follows:

**NOTE:**

- "NO TITLE" will be displayed when there is no text information in the file currently being played.
- If text data contains more than 16 characters, ">" mark will appear at the right end. Holding down "DISP" button (7) for 1 second or longer can display the next page.

### Notes on USB device

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#### Compatible USB devices

- USB mass storage class  
For details as to whether your USB memory/USB audio is compatible with USB mass storage class, please contact the USB memory/USB audio manufacturer.
- USB standard compatibility 1.1/2.0 full speed
- File system FAT12/16/32, VFAT
- Maximum current less than 1.0 A
- If devices such as USB hub, extension cable are connected to the audio system, it may not be recognized. In such case, connect the USB device directly to the audio system.
- Devices such as MP3 player/mobile phone/digital camera may not be recognized by the audio system for playing music.

#### USB device connection

When connecting a USB device, check that the connector is pushed all the way into the port.

Do not leave the USB device for long periods of time inside the vehicle where the temperature can rise too high.

Back up any important data beforehand. We cannot accept responsibility for any lost data.

It is recommended not to connect a USB device that contains data files other than MP3/WMA/AAC format.

#### Recording MP3/WMA/AAC files on a USB device

- Playback or display may not be possible depending on the type of USB device in use or the condition of the recording.
- Depending on the connected USB memory, the files may be played in different order from the stored one.

#### Compression formats

##### MP3

Bit rate:

MPEG1 Audio Layer II: 32 k - 320 kbps

MPEG2 Audio Layer II: 8 k - 160 kbps

MPEG2.5 Audio Layer III: 8 k - 160 kbps

Sampling frequency:

MPEG1 Audio Layer II: 32 k/44.1 k/48 kHz

MPEG2 Audio Layer III: 16 k/22.05 k/24 kHz

MPEG2.5 Audio Layer III: 8 k/11.025 k/12 kHz

##### WMA (Ver. 7, Ver. 8, Ver. 9*)

- Bit rate: CBR 32 k - 320 kbps

- Sampling frequency: 32 k/44.1 k/48 kHz

* WMA 9 Professional/LossLess/Noise are not supported.

##### AAC*

- Bit rate: ABR 16 k - 320 kbps

- Sampling frequency: 32 k/44.1 k/48 kHz

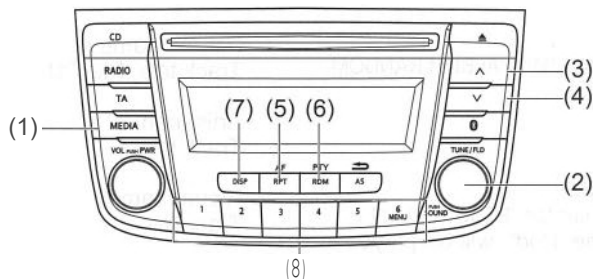
* Apple Lossless is not supported.

#### Maximum number of files/folders

- Maximum number of files: 2500
- Maximum number of files in a folder: 255
- Maximum depth of tree structure: 8
- Maximum number of folders: 255  
(Root folder is included.)

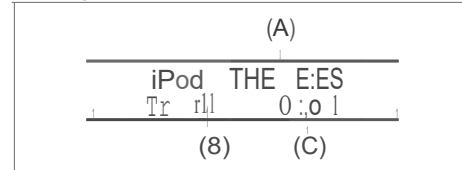
## Listening to an iPod®

Type A



EXAMPLE

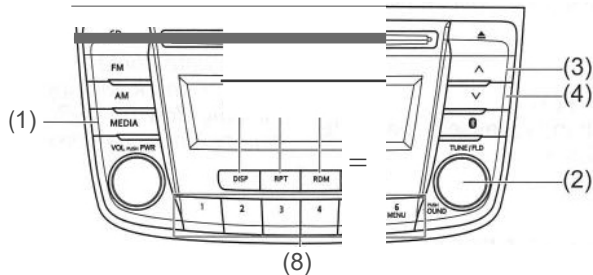
## Display



- (A) Track title  
 (B) Track number  
 (C) Play time

iPod® is a trademark of Apple Inc., registered in the U.S. and other countries.

Type B



52RM50580

- (1) "MEDIA" button  
 (2) "TUNE/FLD PUSH SOUND" knob  
 (3) UP button  
 (4) DOWN button  
 (5) "RPT" button  
 (6) "RDM" button  
 (7) "DISP" button  
 (8) PRESET buttons ([1] to [6])

## OTHER CONTROLS AND EQUIPMENT

### Selecting an iPod® mode

Press "MEDIA" button (1).

Each time the button is pressed, the mode will change as follows:

USB (iPod®) (if equipped) --~  
↑  
Bluetooth® audio (if equipped)  
↑  
AUX (if equipped) ———~

### Selecting a track

- Press UP button (3) to listen to the next track.
  - Press DOWN button (4) twice to listen to the previous track.
- When OOWN button (4) is pressed once, the track currently being played will start from the beginning again.

### Fast forwarding/rewinding a track

- Hold down UP button (3) to fast forward the track.
- Hold down DOWN button (4) to fast rewind the track.

### Random playback

Press "ROM" button (6).

Each time the button is pressed, the mode will change as follows:

OFF ~ SONG RANDOM ~ ALBUM RANDOM  
|

- SONG RANDOM  
The random indicator "ROM" will light.  
The tracks in the iPod® will be played in random order.
- ALBUM RANDOM  
The random indicator "F.RDM" will light.  
The albums in the iPod® will be played in random order.

### Repeat playback

Press "RPT" button (5).

Each time the button is pressed, the mode will change as follows:

OFF ~7 SONG REPEAT  
↑

- SONG REPEAT  
The repeat indicator "RPT" will light.  
The track currently being played will be played repeatedly.

### Display change

Press "DISP" button (7).

Each time the button is pressed, display will change as follows:

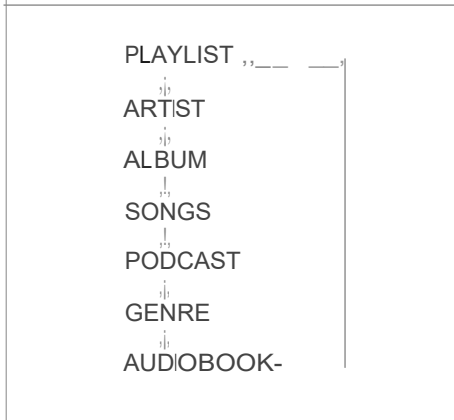
Playlist name / ———~  
Track title (Playlist mode only)  
|  
Artist name /  
Track title  
|  
Album name/  
Track title  
|  
Track title / ———~  
Play time

### NOTE:

*If text data contains more than 16 characters, ">" mark will appear at the right end. Holding down "O/SP" button (7) for 1 second or longer can display the next page.*

**Playing mode selection**

- 1) Press the button numbered [6] of PRE-SET buttons (8) for 1 second or longer.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (2).  
Each time the knob is turned, the mode will change as follows:



- 3) Press "TUNE/FLD PUSH SOUND" knob (2) to select the desired mode.

**NOTE:**

- When the button numbered [6] of PRE-SET buttons (8) is pressed, the previous mode will be displayed.

**Notes on iPod®****Supported iPod®**

- iPod® touch (6th generation)
- iPod® touch (5th generation)
- iPod® touch (4th generation)
- iPod® touch (3rd generation)
- iPod® touch (2nd generation)
- iPod® touch (1st generation)
- iPod® classic
- iPod® nano (7th generation)
- iPod® nano (6th generation)
- iPod® nano (5th generation)
- iPod® nano (4th generation)
- iPod® nano (3rd generation)
- iPod® nano (2nd generation)
- iPod® nano (1st generation)
- iPod® ~th generation)
- iPhone® 6S Plus
- iPhone® 6S
- iPhone® 6 Plus
- iPhone® 6
- iPhone® 5S
- iPhone® 5C
- iPhone® 5
- iPhone® 4S
- iPhone® 4
- iPhone® 3GS
- iPhone® 3G
- iPhone®

iPhone® is a trademark of Apple Inc., registered in the U.S. and other countries.

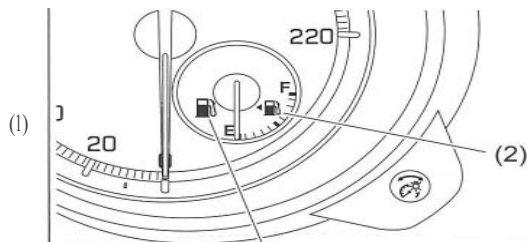
- * Some functions may not be available depending on the model of iPod®.
- * Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

**iPod® connection**

- Make sure to detach the iPod® after turning the ignition switch to "LOCK" position or pressing the engine switch to change the ignition mode to LOCK (OFF). The iPod® may not be shut down when it is being connected and may result in battery depletion.  
Do not connect iPod® accessories such as an iPod® remote control or headphones while connecting the iPod® with the unit. The unit may not operate correctly.

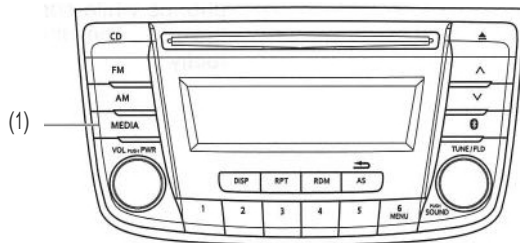
### AUX function

Type A



EXAMPLE

Type B



(1) "MEDIA" button

52RM50590

### AUX connection

To listen to auxiliary audio sources (sold separately) through the unit, follow the instruction below.

- 1) Connect the auxiliary audio source to the AUX/USB socket (separately attached) with an AUX cable.
- 2) Press "MEDIA" button (1). Each time the button is pressed, the mode will change as follows:

USB (iPod®) (if equipped)

Bluetooth® audio (if equipped)

AUX (if equipped)

### CAUTION

- Before connection, mute the unit, and also keep the volume of the auxiliary audio source within a range that will not cause distortion.
- When the audio source is turned off, noise may be emitted. Be sure to turn off the unit or switch to another mode before turning off the audio source.

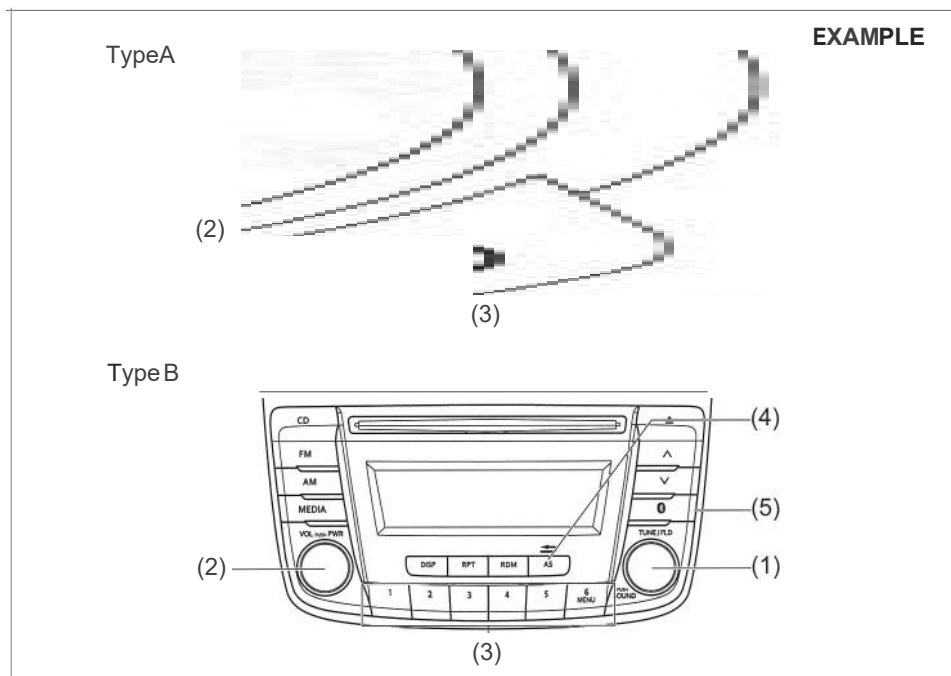
**NOTE:**

*Please consult your place of purchase for details about whether a given auxiliary audio source can be connected and the proper auxiliary cord to use.*

*The volume and tone controls of the auxiliary audio source can be adjusted on the unit.*

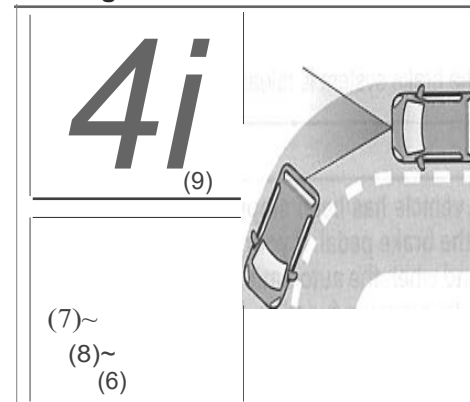
*In AUX mode, the volume setting is different from another mode.*

## Bluetooth® hands-free



EXAMPLE

## Steering switch



52RM50460

- (6) Bluetooth® setup button (on steering wheel)
- (7) OFF HOOK button
- (8) ON HOOK button
- (9) MUTE switch
- (10) "VOL" switch

52RM50600

- (1) "TUNE/FLD PUSH SOUNO" knob
- (2) "VOL PUSH PWR" knob
- (3) PRESET buttons
- (4) BACK button
- (5) Bluetooth® setup button (on control panel)

### Phone registration

To use the hands-free function with this unit, it is required to register the phone in advance.

#### NOTE:

- Up to 5 phones can be registered.  
*To set up a new phone, disconnect the audio player from the unit. Connect the audio player again after phone setup is completed if necessary.*
- When attempts to establish the pairing fail within 60 seconds, the connecting operation will be canceled. Try to establish the pairing again or refer to the manual of the phone in use for how to establish the pairing with the phone.

- 1) Press the Bluetooth® setup button (5) or (6).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Pairing", and press the knob (1) to determine the selection.
- 4) Select "My Car" from the Bluetooth® menu of the phone and establish the pairing.  
Refer to the manual of the phone in use for further information.
- 5) Enter the passkey displayed on the unit to the phone.

6) When the pairing with the phone is established, automatic transfer of the phonebook and the call history becomes selectable. The automatic transfer starts with "Yes" and it does not with "No".

7) Press ON HOOK button (8).

#### NOTE:

- When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.
- When registering an additional phone, repeat Step from 1).

#### Receiving a call

Press OFF HOOK button (7) to receive a call.

#### Ending a call

Press ON HOOK button (8) to end a call.

#### Rejecting a call (only for supported models)

Press ON HOOK button (8) to reject a incoming call.

#### Mute of hands-free microphone

Press MUTE switch (9) to mute the microphone. To cancel the mute, press MUTE switch (9) again.

#### Adjusting the listening volume

- Turn "VOL PUSH PWR" knob (2) during a call.  
Turning it clockwise increases the volume; turning it counterclockwise decreases the volume.
- Press "VOL" switch (10) during a call.  
Pressing the switch up increases the volume; pressing the switch down decreases the volume.

#### Adjusting the ring volume

- Turn "VOL PUSH PWR" knob (2) while a call is coming in.  
Turning it clockwise increases the volume; turning it counterclockwise decreases the volume.
- Press "VOL" switch (10) during a call.  
Pressing the switch up increases the volume; pressing the switch down decreases the volume.

## OTHER CONTROL\$ AND EQUIPMENT

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### Adjusting the call or ringtone volume

Follow the instructions below to adjust the call or ringtone volume.

- 1) Press the Bluetooth® setup button (5) or (6).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Telephone", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Sound Setting", and press the knob (1) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Call Volume" or "Ringtone Volume", and press the knob (1) to determine the selection.  
The current call or ringtone volume will be displayed.
- 5) Turn "TUNE/FLD PUSH SOUND" knob (1) to select the desired call or ringtone volume, and press the knob (1) to determine the selection.

#### NOTE:

*When se/ecting "Go Back" or pressing BACK button (4), the previous menu wi/1 be displayed.*

### Dialing using missed/incoming/outgoing calls

Follow the instructions below to dial to the previously dialed number again.

#### NOTE:

*Up to 30 phone numbers of the latest ca/ls can be stored. (30 ca/ls including missed, received and dialed cal/)*

- 1) Press OFF HOOK button (7).  
The Bluetooth® phonebook menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "All Calls", "Missed Calls", "Incoming Calls" or "Outgoing Calls", and press the knob (1) to determine the selection.  
To dial from the dialed history or the received history, select "All Calls", "Missed Calls", "Incoming Calls" or "Outgoing Calls" respectively.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select the desired number, and press the knob (1) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Dial", and press the knob (1) or OFF HOOK button (7) to dial to the selected number.

#### NOTE:

- *When selecting "Go Back" or pressing BACK button (4), the previous menu wi/1 be displayed.*

- *Pressing "Contirm" after selecting "Add Speed Dial" can register the selected number in the speed dial.*
- *Pressing "Confirm" after selecting "De/efe" can de/efe the selected number from the cal/ history.*

### Deletion of call history

Follow the instructions below to delete a missed/incoming/outgoing call history.

- 1) Press the Bluetooth® setup button (5) or (6).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Telephone", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Phonebook", and press the knob (1) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Delete History", and press the knob (1) to determine the selection.
- 5) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Missed Calls", "Incoming Calls", or "Outgoing Calls", and press the knob (1) to determine the selection.
- 6) Turn "TUNE/FLD PUSH SOUND" knob (1) to select a number to be deleted or "ALL", and press the knob (1) to determine the selection.

- 7) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Delete?" or "Delete All?", and press the knob (1) to determine the selection.
- 8) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Confirm", and press the knob (1) to complete the deletion.

**NOTE:**

*When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.*

### Registration in Phonebook

Follow the instructions below to register phone numbers in the Phonebook of the unit.

- 1) Press the Bluetooth® setup button (5) or (6).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Telephone", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Phonebook", and press the knob (1) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Add Contact", and press the knob (1) to determine the selection.

- 5) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Overwrite All" or "Add One Contact", and press the knob (1) to determine the selection.  
"Rewrite All (MAX1000): Ok?" or "Rest of Memory XXXX: Ok?" will be displayed.
- 6) Press or turn "TUNE/FLD PUSH SOUND" knob (1) to select "Confirm", and press the knob (1) to determine the selection.
- 7) Transfer contacts from the phone.  
When the registration is completed, the "Setup Phonebook" will be displayed.

**NOTE:**

- *When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.*
- *Up to 1000 numbers can be registered in Phonebook.*

### Transfer of call history (Call History)

Follow the instructions below to transfer call history of the registered phone.

- 1) Press the Bluetooth® setup button (5) or (6).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Telephone", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Call History", and press the knob (1) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Overwrite Call History?", and press the knob (1) to determine the selection.
- 5) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Confirm", and press the knob (1) to transfer the call history from the phone.

**NOTE:**

*When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.*

## OTHER CONTROLS AND EQUIPMENT

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Automatic transfer of phonebook/call history

You can select whether or not the device transfers the phonebook and the call history automatically when the phone is registered.

Follow the instructions below to select.

- 1) Press the Bluetooth® setup button (5) or (6).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLO PUSH SOUND" knob (1) to select "Setup Telephone", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLO PUSH SOUNO" knob (1) to select "A.Transfer", and press the knob (1) to determine the selection.
- 4) Pressing "TUNE/FLO PUSH SOUND" knob (1) switches between "A.transfer On" and "A.transfer Off".
- 5) Selecting "Go Back" or pressing the BACK button (4) stores displayed setting and the previous menu is displayed.

Making a call by phonebook

Follow the instructions below to dial a number registered in phonebook.

- 1) Press OFF HOOK button (7).  
The Bluetooth® phonebook menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Phonebook", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUNO" knob (1) to select the initial of the name you would like to make a call, and press the knob (1) to determine the selection.  
The registered numbers will be displayed in sequence. If names have been registered together with numbers, the names will be displayed.  
Turn "TUNE/FLD PUSH SOUND" knob (1) to select the name you would like to make a call, and press the knob (1) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Dial", and press the knob (1) or OFF HOOK button (7).  
The displayed number or the number registered with the displayed name will be dialed.

Deletion of registered data (Delete Entry)

Follow the instructions below to delete a number registered in phonebook.

- 1) Press the Bluetooth® setup button (5) or (6).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Telephone", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Phonebook", and press the knob (1) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Delete Contacts", and press the knob (1) to determine the selection.
- 5) Turn "TUNE/FLO PUSH SOUND" knob (1) to select the initial of the name you would like to delete or "ALL", and press the knob (1) to determine the selection.  
Turn "TUNE/FLD PUSH SOUND" knob (1) to select the name you would like to delete, and press the knob (1) to determine the selection.
- 6) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Delete?" or "Delete All?", and press the knob (1) to determine the selection.
- 7) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Confirm", and press the knob (1) to complete the deletion.

### NOTE:

*When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.*

### Registration in speed dial

Follow the instructions below to assign a number to one of PRESET buttons (3) to use as the speed dial.

- 1) Press the Bluetooth® setup button (5) or (6).

The Bluetooth® setup menu will be displayed.

- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Telephone", and press the knob (1) to determine the selection.

- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Phonebook", and press the knob (1) to determine the selection.

- 4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Add Speed Dial", and press the knob (1) to determine the selection.

- 5) Turn "TUNE/FLD PUSH SOUND" knob (1) to select the initial of the name you would like to register in speed dial, and press the knob (1) to determine the selection.

The registered numbers will be displayed in sequence. If names have been registered together with numbers, the names will be displayed.

Turn "TUNE/FLD PUSH SOUND" knob (1) to select the name you would like to

register in speed dial, and press the knob (1) to determine the selection.

- 6) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Choose Preset", and press one of PRESET buttons (3) to which the selected number is to be assigned. If a number is already assigned to the selected button, a confirmation message will be displayed. Turn "TUNE/FLD PUSH SOUND" knob (1) to select a confirmation message, and press the knob (1) to complete the assignment. Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Confirm", and press the knob (1) to complete the assignment. When the assignment is completed, the "Setup Phonebook" will be displayed.

### NOTE:

*When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.*

### One-touch call (Speed dial)

Follow the instructions below to dial the number assigned to each of the PRESET buttons (3).

- 1) Press OFF HOOK button (7).

The Bluetooth® phonebook menu will be displayed.

Pressing one of PRESET buttons (3) can skip step 2) and the 1st line of step 3).

- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Speed Dials", and press the knob (1) to determine the selection.

- 3) Press one of PRESET buttons (3). The assigned number will be displayed. If no number is assigned, "No Entry" is displayed.

- 4) Press OFF HOOK button (7). The selected number will be dialed.

## OTHER CONTROLS AND EQUIPMENT

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Deletion of speed dial (Del Speed Dial)  
Follow the instructions below to delete the number assigned for the speed dial.

- 1) Press OFF HOOK button (7).  
The Bluetooth® phonebook menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Speed Dials", and press the knob (1) to determine the selection.
- 3) Press one of PRESET buttons (3) to which the number to be deleted is assigned.  
If the number is not registered, "No Entry" is displayed.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Delete", and press the knob (1) to determine the selection.
- 5) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Del Speed Dial", and press the knob (1) to determine the selection.
- 6) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Confirm", and press the knob (1) to complete the deletion.

### NOTE:

*When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.*

Display of device data (Device Name)  
Follow the instructions below to display the BD (Bluetooth® Device) address and device name.

- 1) Press the Bluetooth® setup button (5) or (6).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Bluetooth Info", and press the knob (1) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Device Name" or "Device Address", and press the knob (1) to display the device name or the BD (Bluetooth® Device) address.

### NOTE:

*When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.*

Reset to the factory defaults

Follow the instructions below to reset all the settings to the factory defaults.

- 1) Press the Bluetooth setup button (5) or (6).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Initialize", and press the knob (1) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "All Initialize", and press the knob (1) to determine the selection.
- 5) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "All Initialize", and press the knob (1) to determine the selection.
- 6) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Confirm", and press the knob (1) to start the reset.

### NOTE:

*When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.*

**Selection of phone (Select Phone)**

Follow the instructions below to select a phone to be paired with from the registered phones.

- 1) Press the Bluetooth® setup button (5) or (6).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "List Phone", and press the knob (1) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select a phone to be paired with, and press the knob (1) to determine the selection.
- 5) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Select", and press the knob (1) to determine the selection.

**NOTE:**

- When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.
- The Bluetooth® ready audio device will be disconnected when the phone is selected.

**List of phones (List Phones)**

Follow the instructions below to display the names of the registered phones in sequence.

- 1) Press the Bluetooth® setup button (5) or (6).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "List Phone", and press the knob (1) to determine the selection.  
The names of the registered phones are displayed in sequence.

**NOTE:**

When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.

**Passkey setting (Set Passkey)**

Follow the instructions below to set the security number (passkey).

- 1) Press the Bluetooth® setup button (5) or (6).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.

- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Passkey", and press the knob (1) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Enter New Passkey", and press the knob (1) to determine the selection.
- 5) Press or turn "TUNE/FLD PUSH SOUND" knob (1) to select "Confirm".
- 6) Turn "TUNE/FLD PUSH SOUND" knob (1) to select a number for the first digit, and press the knob (1) to determine the selection. Select and determine numbers for the second, third and fourth digits in order in the same manner. When not entering up to the eighth digit, enter blanks for the successive digits.
- 7) Press "TUNE/FLD PUSH SOUND" knob (1) to determine the passkey setting.

**NOTE:**

When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.

## OTHER CONTROLS AND EQUIPMENT

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### Deletion of phone information (Delete Phone)

Follow the instructions below to delete the registered phone information.

- 1) Press the Bluetooth® setup button (5) or (6).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "List Phone", and press the knob (1) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (1) to select a phone to be deleted, and press the knob (1) to determine the selection.
- 5) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Delete", and press the knob (1) to determine the selection.
- 6) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Delete?", and press the knob (1) to determine the selection.
- 7) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Confirm", and press the knob (1) to determine the selection.

#### NOTE:

*When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.*

### BT function on/off (BT Power)

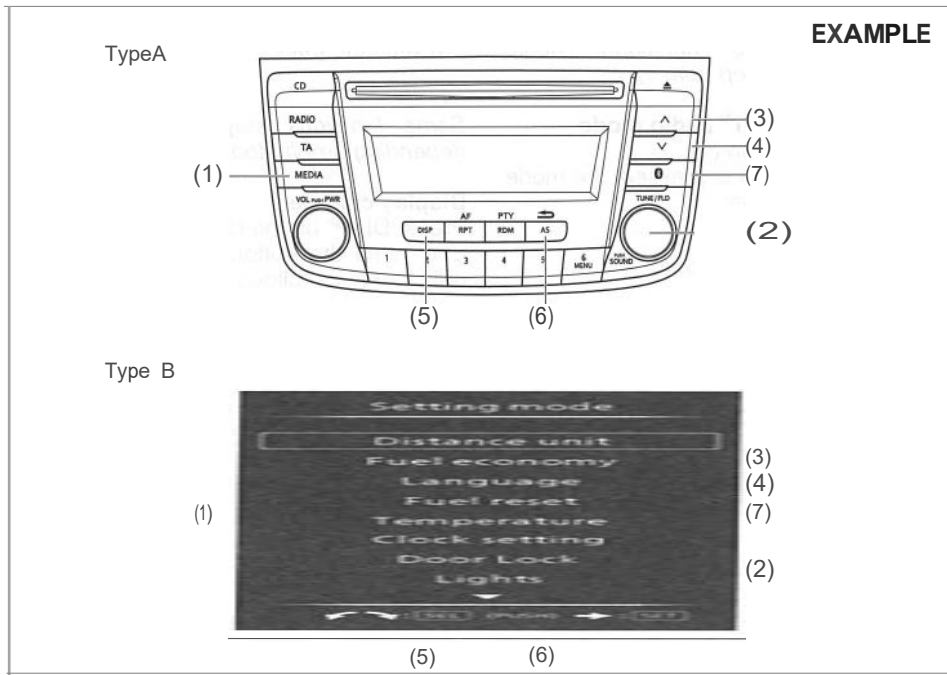
Follow the instructions below to turn on/off the Bluetooth® function.

- 1) Press the Bluetooth® setup button (5) or (6).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "Setup Bluetooth", and press the knob (1) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (1) to select "BT Power", and press the knob (1) to determine the selection.
- 4) Press "TUNE/FLD PUSH SOUND" knob (1) to select "BT Power On" or "BT Power Off".

#### NOTE:

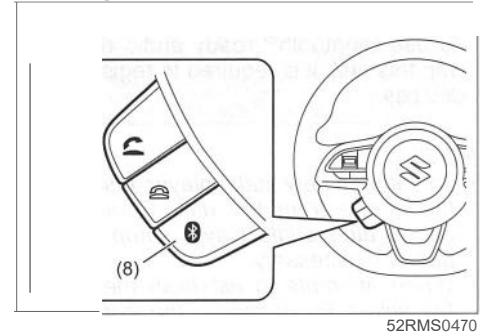
- *When the BT function is turned off, the connection between this unit and the registered phone in use will be disconnected.*
- *When selecting "Go Back" or pressing BACK button (4), the previous menu will be displayed.*

## Bluetooth® audio



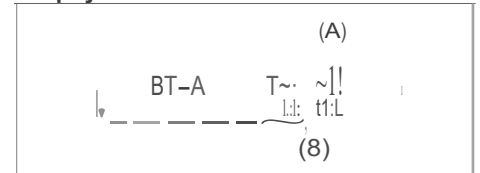
52RMS0610

## Steering switch



(8) Bluetooth® setup button (on steering wheel)

## Display



(A) Track number  
(B) Play time

## OTHER CONTROLS AND EQUIPMENT

### Registration of audio devices

To use Bluetooth® ready audio devices with this unit, it is required to register the devices.

#### NOTE:

- To set up a new audio player, disconnect the phone from the unit. Connect the phone after audio player setup is completed if necessary.
- When attempts to establish the pairing fail within 60 seconds, the connecting operation will be canceled. Try to establish the pairing again or refer to the audio player manual for assistance with the pairing process.

- 1) Press the Bluetooth® setup button (7) or (8).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "Setup Bluetooth", and press the knob (2) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "Pairing", and press the knob (2) to determine the selection.
- 4) Select "My Car" from the Bluetooth® menu of the audio player and establish the pairing.  
Refer to the manual of the audio player in use for further information.
- 5) Enter the passkey displayed on the unit to the audio player.

#### NOTE:

- When selecting "Go Back" or pressing BACK button (6), the previous menu will be displayed.
- When registering additional audio devices, repeat Step from 1).

#### Selecting Bluetooth® audio mode

Press "MEDIA" button (1).

Each time the button is pressed, the mode will change as follows:

USB (iPod®) (if equipped) —~  
↓  
Bluetooth® audio (if equipped)  
↓  
AUX (if equipped) -----'

#### Selecting a group (only for supported models)

Turn "TUNE/FLD PUSH SOUND" knob (2) to select a group.

#### Selecting a track

- Press UP button (3) to listen to the next track.
- Press DOWN button (4) twice to listen to the previous track.  
When DOWN button (4) is pressed once, the track currently being played will start from the beginning again.

#### Fast forwarding/rewinding a track

- Hold down UP button (3) to fast forward the track.
- Hold down DOWN button (4) to fast rewind the track.

#### NOTE:

Some functions may not be available depending on Bluetooth® audio.

#### Display change

Press "DISP" button (5).

Each time the button is pressed, display will change as follows:

Play time -----~  
↓  
Track name  
↓  
Artist name  
↓  
Album name -----~

#### NOTE:

If text data contains more than 16 characters, ">" mark will appear at the right end. Holding down "DISP" button (5) for 1 second or longer can display the next page.

**Selection of audio device (Select Audio)**  
Follow the instructions below to select an audio device to be paired with from the registered audio devices.

- 1) Press the Bluetooth® setup button (7) or (8).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "Setup Bluetooth", and press the knob (2) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "List Audio", and press the knob (2) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (2) to select an audio device to be used, and press the knob (2) to determine the selection.
- 5) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "Select", and press the knob (2) to determine the selection.

**NOTE:**

- When selecting "Go Back" or pressing BACK button (6), the previous menu will be displayed.
- The phone will be disconnected when the Bluetooth® ready audio device is selected.

**List of audio devices (List Audio)**  
Follow the instructions below to display the names of the registered audio devices in sequence.

- 1) Press the Bluetooth® setup button (7) or (8).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "Setup Bluetooth", and press the knob (2) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "List Audio", and press the knob (2) to determine the selection.  
The names of registered audio devices will be displayed in sequence.

**NOTE:**

*When selecting "Go Back" or pressing BACK button (6), the previous menu will be displayed.*

**Passkey setting (Set Passkey)**

Follow the instructions below to set the security number (Passkey).

- 1) Press the Bluetooth setup button (7) or (8).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "Setup Bluetooth", and press the knob (2) to determine the selection.

- 3) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "Passkey", and press the knob (2) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "Enter New Passkey", and press the knob (2) to determine the selection.
- 5) Press or turn "TUNE/FLD PUSH SOUND" knob (2) to select "Confirm".
- 6) Turn "TUNE/FLD PUSH SOUND" knob (2) to select a number for the first digit, and press the knob (2) to determine the selection. Select and determine numbers for the second, third and fourth digits in order in the same manner. When not entering up to the eighth digit, enter blanks for the successive digits.
- 7) Press "TUNE/FLD PUSH SOUND" knob (2) to determine the passkey setting.

**NOTE:**

*When selecting "Go Back" or pressing BACK button (6), the previous menu will be displayed.*

## OTHER CONTROLS AND EQUIPMENT

### Deletion of audio device information (Delete Audio)

Follow the instructions below to delete the registered audio device information.

- 1) Press the Bluetooth® setup button (7) or (8).  
The Bluetooth® setup menu will be displayed.
- 2) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "Setup Bluetooth", and press the knob (2) to determine the selection.
- 3) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "List Audio", and press the knob (2) to determine the selection.
- 4) Turn "TUNE/FLD PUSH SOUND" knob (2) to select an audio device to be deleted, and press the knob (2) to determine the selection.
- 5) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "Delete", and press the knob (2) to determine the selection.
- 6) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "Delete?", and press the knob (2) to determine the selection.
- 7) Turn "TUNE/FLD PUSH SOUND" knob (2) to select "Confirm", and press the knob (2) to complete the deletion.

#### NOTE:

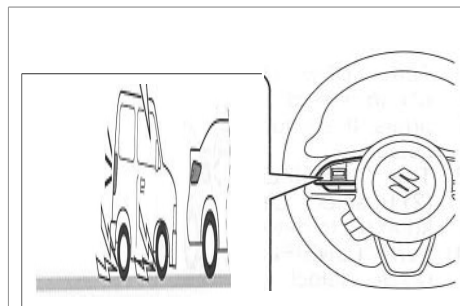
*When selecting "Go Back" or pressing BACK button (6), the previous menu will be displayed.*

### Disclaimer for Bluetooth® function

- Depending on compatibility of mobile phone models, no Bluetooth® function can be used, or some Bluetooth® functions may be restricted.
- Connectivity or voice quality may get affected depending on circumstances.
- After the ignition switch is turned to "ON" position or the engine switch is pressed to change the ignition mode to ON, the audio system takes few seconds to detect and connect to the Bluetooth® device (if already paired).

### Remote audio controls (if equipped)

Controlling basic functions of the audio system is available using the switches on the steering wheel.



52RM50480

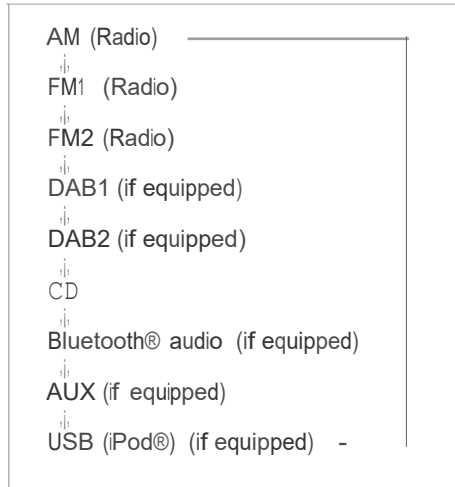
**Adjusting the volume**

- To increase the volume, press the "VOL" switch (1) up. The volume will continue to increase until the switch is released.
- To decrease the volume, press the "VOL" switch (1) down. The volume will continue to decrease until the switch is released.
- To mute the sound, press the switch (2).

**Selecting the mode**

Press the switch (3).

Each time the button is pressed, the mode will change as follows:



It is possible to turn on the audio system by pressing the switch (3).

**Selecting the radio station (AM, FM1, FM2, DAB1, DAB2 mode)**

- To select the next preset station, press ">" of the switch (4) only for a moment.
- To select the previous preset station, press "<" of the switch (4) only for a moment.
- To scan a higher frequency radio station, press ">" of the switch (4) for 1 second or longer.
- To scan a lower frequency radio station, press "<" of the switch (4) for 1 second or longer.

**Selecting the track (CD, USB (iPod®), Bluetooth® audio mode)**

- To skip to the next track, press ">" of the switch (4) only for a moment.
- To skip to the previous track, press "<" of the switch (4) twice only for a moment. When the switch (4) is pushed down once only for a moment, the track currently being played will start from the beginning again.

**Fast forwarding/rewinding a track**

- To fast forward a track, press ">" of the switch (4) for 1 second or longer.
- To fast rewind a track, press "<" of the switch (4) for 1 second or longer.

Anti-theft feature

Type A



(1)

(2)

Type B



(2)

EXAMPLE

The anti-theft function is intended to discourage thefts. For example, when the audio system is installed in another vehicle, it will become unable to operate. This function works by entering a Personal Identification Number (PIN). When the unit is disconnected from its power source, such as when the audio system is removed or the lead-acid battery is disconnected, the unit will become inoperable until the PIN is reentered.

- (1) "VOL PUSH PWR" knob
- (3) UP button

- (2) PRESET buttons ([1] to [6])
- (4) "TUNE/FLD PUSH SOUND" knob

52RM50620

**Setting the anti-theft function**

- 1) Press "VOL PUSH PWR" knob (1) to power off.
- 2) Hold down the buttons numbered [1] and [6] of PRESET buttons (2) and press "VOL PUSH PWR" knob (1). "SECURITY" will be displayed.
- 3) Press UP button (3) and the button numbered [1] of PRESET buttons (2) simultaneously.
- 4) Enter a 4-digit number to be registered as PIN using the buttons numbered (1) - (4) of PRESET buttons (2).
- 5) Hold down "TUNE/FLD PUSH SOUND" knob (4) for 1 second or longer to set the anti-theft function.

**NOTE:**

*Take a note of the registered PIN and keep it for the future use.*

**Canceling the anti-theft feature**

To cancel the anti-theft function, delete the registered PIN.

- 1) Press "VOL PUSH PWR" knob (1) to power off.
- 2) Hold down the buttons numbered [1] and [6] of PRESET buttons (2) and press "VOL PUSH PWR" knob (1). "PIN ENTRY" will be displayed.
- 3) Press UP button (3) and the button numbered [1] of PRESET buttons (2) simultaneously.
- 4) Enter a 4-digit number to be registered as PIN using the buttons numbered [1] - [4] of PRESET buttons (2).
- 5) Hold down "TUNE/FLD PUSH SOUND" knob (4) for 1 second or longer to delete the registered PIN. The indication "----" will be displayed and the anti-theft function will be canceled.

**NOTE:**

*To change your PIN, first delete your current PIN, and then set a new one.*

**Confirming the Personal Identification Number (PIN)**

When the main power source is disconnected such as when the lead-acid battery is replaced, etc, it is required to enter the PIN to operate the unit again.

- 1) Set the ignition switch to "ACC" position or the ignition mode to ON. "SECURITY" will be displayed.
- 2) Press UP button (3) and the button numbered [1] of PRESET buttons (2) simultaneously.
- 3) Enter a 4-digit number to be registered as PIN using the buttons numbered [1] - (4) of PRESET buttons (2).
- 4) Hold down "TUNE/FLD PUSH SOUND" knob (4) for 1 second or longer.

When the same PIN as registered is entered, the power of the audio system will be turned off automatically and it will become operable again.

**NOTE:**

*If an incorrect PIN is entered, "ERROR" and the total number of incorrect entry attempts will be displayed.*

*If an incorrect PIN is entered 10 times or more, "HELP" will be displayed and the audio system will become inoperable.*

## OTHER CONTROLS AND EQUIPMENT

### Troubleshooting

When encountering a problem, check and follow the instructions below.

If the described suggestions do not solve the problem, it is recommended to take the unit to an authorized SUZUKI dealer.

Problem	Possible cause	Possible solution
Common		
Unable to operate	The security function is on.	When "SECURITY" is displayed, enter the PIN. When "HELP" is displayed, contact an authorized SUZUKI dealer.
Unable to turn on the power (No sound is produced)	Fuse is blown.	Contact an authorized SUZUKI dealer.

### Radio

Much noise	It may not be exactly tuned in to the station.	Tune it in exactly to the station.
Unable to receive by auto tuning	There may be no station emitting signals powerful enough.	Pickup a station by manual tuning.
	If AF is on, the unit searches for ROS stations only.	Turn off AF.

### CD

Sound skips or noise produced	The disc is dirty.	Wipe the disc with a soft cloth.
	The disc has a major scratch or is warped.	Replace the disc with the one which has no scratch and warp.

Problem	Possible cause	Possible solution
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**MP3/WMA/AAC**

No playback	The disc contains unsupported formatted data.	Check the file format.
Sound skips or noise produced	Sound skipping may occur when playing VBR (Variable Bit Rate) files.	It is not recommended to play VBR files.

**USB**

Playback does not start when the USB device is connected	There is no supported format file to play on this unit.	Check the file format.
	The current consumption of the USB device exceeds 1.0 A.	Use a USB device with a current consumption lower than 1.0 A.

**Bluetooth®**

Pairing failed	The distance between this unit and the Bluetooth® ready device is too far, or a metallic object may be located between the Bluetooth® ready device and this unit.	Change the location of the Bluetooth® ready device.
	The Bluetooth® function of the Bluetooth® ready device is off.	Refer to the manual of the Bluetooth® ready device. (Some devices have the power saving function that automatically activates after a certain time.)
Unable to receive a call	Your current location may be out of service area.	Drive your vehicle to the service area of the phone.
The voice quality of hands-free is low (Distortion, noise etc.)	Another wireless device may be located near the unit.	Switch off the wireless device or keep it away from the unit.

## OTHER CONTROLS AND EQUIPMENT

### Error display messages

Display	Possible cause	Possible solution
<b>CD</b>		
<b>"ERROR 1"</b>	The disc cannot be read.	Insert the disc with its label side up. Check the disc if it is not warped or is free of flaws. When "ERROR 1" does not disappear even when a normal disc is inserted, contact an authorized SUZUKI dealer.
<b>"ERROR 3"</b>	The player developed an error of an unidentified cause.	When the CD is in the unit, press the CD eject button to remove the disc. When the disc cannot be ejected, contact an authorized SUZUKI dealer.

### USB/iPod®

<b>"USB ERROR"</b>	The USB device is disconnected.	Check the connection of the USB device.
<b>"ERROR2"</b>	Impossible to communicate correctly with the USB device.	Unplug the USB device and plug it again. Check the USB device.
<b>"ERROR 3"</b>	Inoperable due to an unidentified cause.	Unplug the USB device and plug it again. When "ERROR 3" does not disappear, contact an authorized SUZUKI dealer.
<b>"ERROR4"</b>	The current consumption of the USB device exceeds 1.0 A.	Check the USB device.

Display	Possible cause	Possible solution
<b>Bluetooth®</b>		
<b>"ERROR 1"</b>	The player developed an error of an unidentified cause.	Disconnect the Bluetooth® ready device and connect it again. When "ERROR 1" does not disappear, contact an authorized SUZUKI dealer.
<b>"Connection Failed"</b>	Failed to establish pairing or connection	Try to establish the pairing or connection again.
<b>"Memory Full"</b>	Reached the limit for the number of phone-book data in transfer	Delete registered data of unnecessary number in phone-book and try to transfer the register phone numbers in the phonebook again.
<b>"Not Available"</b>	Inoperable during driving	Operate the system after pulling over your car.

**MEMO**

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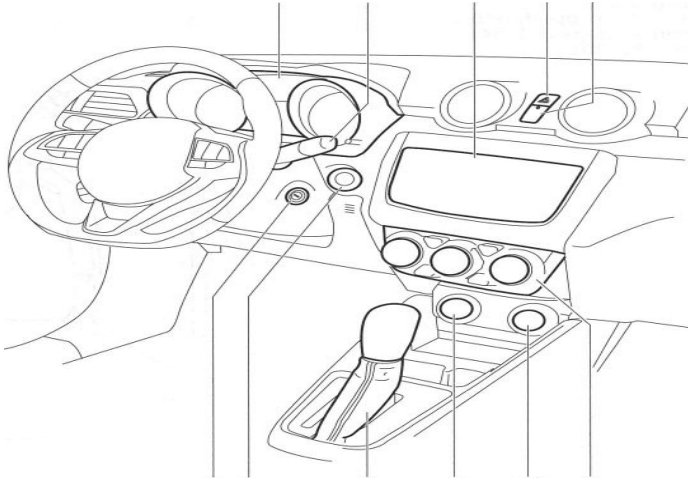
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## VEHICLE LOADING AND TOWING



Vehicle loading

6-1

Trailer towing

6-1



### Vehicle loading

Your vehicle was designed for specific weight capacities. The weight capacities of your vehicle are indicated by the Gross Vehicle Weight Rating (GVWR) and the Permissible maximum Axle Weight (PAW, front and rear). The GVWR and PAW (front and rear) are listed in "SPECIFICATIONS" section.

GVWR - Maximum permissible overall weight of the fully loaded vehicle (including all the occupants, accessories and cargo plus the trailer nose weight if towing a trailer).

PAW (front and rear) - Maximum permissible weight on an individual axle.

Actual weight of the loaded vehicle and actual loads at the front and rear axles can only be determined by weighing the vehicle. Compare these weights to the GVWR and PAW (front and rear). If the gross vehicle weight or the load on either axle exceeds these ratings, you must remove enough weight to bring the load down to the rated capacity.

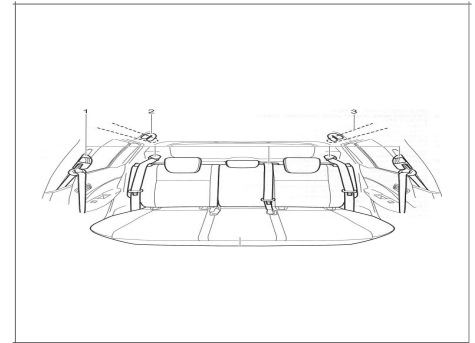
#### A. WARNING

Never overload your vehicle. The gross vehicle weight (sum of the weights of the vehicle, all the occupants, accessories, cargo plus trailer nose weight if towing a trailer) must never exceed the Gross Vehicle Weight Rating (GVWR). In addition, never distribute a load so that the weight on either the front or rear axle exceeds the Permissible maximum Axle Weight (PAW).

#### A. WARNING

Always distribute cargo evenly. To avoid personal injury or damage to your vehicle, always secure cargo to prevent it from shifting if the vehicle moves suddenly. Place heavier objects on the floor and as far forward in the cargo area as possible. Never pile cargo higher than the top of the seat backs.

### Trailer towing



60A185

Towing a trailer can adversely affect handling, durability and fuel economy. Your vehicle can be used to tow a trailer which does not exceed the towing capacity specified below:

Maximum towing capacity  
(trailer, cargo & tow bar)

Braked trailer: 1000 kg (2205 lbs)  
Unbraked trailer: 400 kg (882 lbs)

#### **⚠️ A WARNING**

For vehicles equipped with the radar brake support or dual sensor brake support, if your vehicle is used to tow a trailer, press the radar brake support OFF switch or dual sensor brake support OFF switch and turn off the radar brake support or dual sensor brake support. If not, unexpected accidents related to the system being turned on may occur.

#### **NOTICE**

Trailer towing puts additional stress on the engine, drive train and brakes of your vehicle. Never tow a trailer during the first 960 km (600 miles) of vehicle operation.

#### **Tow bars**

Only use a tow bar that is designed to attach to the chassis of your vehicle, and a hitch that is designed to bolt to this tow bar. We recommend that you use a genuine SU~UKI tow bar (available as option), or equivalent.

#### **⚠️ A WARNING**

Never use a tow bar which attaches to the axle or the bumper of your vehicle.

#### **Safety chains**

Always attach safety chains between your vehicle and trailer. Cross safety chains under the nose of the trailer so that the nose will not drop to the road if the trailer becomes separated from the tow bar. Follow the manufacturer's recommendation for attaching safety chains. Always leave just enough slack to permit full turning. Never allow safety chains to drag on the road.

#### **⚠️ A WARNING**

Never attach safety chains to the bumper of your vehicle. Secure connections so that they cannot come loose.

#### **Trailer lights**

Check that your trailer is equipped with lights which meet local requirements. Always check for the proper operation of all trailer lights before you start to tow.

#### **⚠️ A WARNING**

Never connect trailer lights directly into your vehicle's electrical system, or electrical system damage may occur.

#### **Brakes**

#### **⚠️ A WARNING**

If trailer brakes are used, follow all instructions provided by the manufacturer. Never connect to the brake system of your vehicle and never take an electrical supply directly from the wiring harness.

## VEHICLE LOADING AND TOWING

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### Tires

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#### A WARNING

When towing a trailer, it is very important for your vehicle and trailer to have properly inflated tires. Your vehicle's tires should be inflated to the pressures listed on your vehicle's tire information label. If laden pressures are listed on the label, the tires should be inflated to the laden pressures. Inflate trailer tires according to the specifications provided by the trailer manufacturer.

### Mirrors

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Check if your vehicle's mirrors meet local requirements for mirrors used on towing vehicles. If they do not, you must install the required mirrors before you tow.

### Vehicle/trailer loading

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To load your vehicle and trailer properly, you must know how to measure gross trailer weight and trailer nose weight.

Gross trailer weight is the weight of the trailer plus all the cargo in it. You can measure gross trailer weight by putting the fully loaded trailer on a vehicle scale.

Nose weight is the downward force exerted on the tow bar by the trailer cou-

pler, with the trailer fully loaded and the coupler at its normal towing height. This weight can be measured using a bathroom scale.

The weight of your loaded trailer (gross trailer weight) should never exceed towing capacity.

Distribute cargo in your trailer so that nose weight is about 10% of gross trailer weight, but does not exceed the maximum vertical load on trailer hitch point. You should measure gross trailer weight and nose weight before towing to check that your load is properly distributed.

#### A WARNING

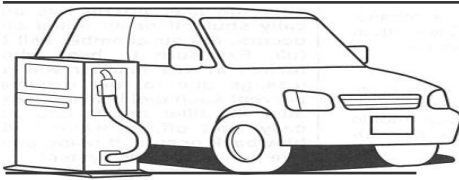
Improper weight distribution of your trailer may result in poor vehicle handling and swaying of the trailer. Always check that trailer nose weight is about 10% of gross trailer weight, but does not exceed the maximum vertical load on trailer hitch point. Also check that the cargo is properly secured. Failure to observe this requirement may result in an accident.

#### A WARNING

Never overload cargo on your trailer or your vehicle. Gross trailer weight must never exceed towing capacity. Gross vehicle weight (sum of the weights of the vehicle, all the occupants, accessories including tow bars and a trailer hitch, cargo and trailer nose weight) must never exceed the Gross Vehicle Weight Rating (GVWR) listed in "SPECIFICATIONS" section, except as described in NOTE below.

#### NOTE:

*On/y in the case of towing a trailer, GVW can be exceeded by not more than 40 kg (88 lbs), if road traffic /legislation allows it.*



**NOT/CE**

Because towing a trailer puts additional stress on your vehicle, more frequent maintenance will be required than under normal driving conditions. Follow the schedule in "Maintenance recommended under severe driving conditions".

**A WARNING**

Your vehicle should be handled in a different way when towing a trailer. For the safety of yourself and others, observe the following precautions:

- Practice turning, stopping, and reversing before you begin towing a trailer in traffic. Do not tow a trailer in traffic until you are confident that you can handle the vehicle and trailer safely.
- Never exceed towing speed limits or 80 km/h (50 mph), whichever is lower.
- Never drive at a speed that causes shaking or swaying of the trailer. If you notice even the slightest sign of shaking or swaying, slow down.
- When roads are wet, slippery or rough, drive at a slower speed than you would on dry or smooth roads. Failure to slow down when road conditions are bad can result in loss of control.
- Always have someone guide you when reversing.

(Continued)

**A WARNING**

(Continued)

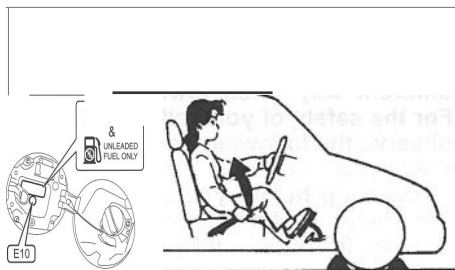
- Allow adequate stopping distance. Stopping distance is increased when you tow a trailer. For each 16 km/h (10 mph) of speed, allow at least one vehicle and trailer length between you and the vehicle ahead. Allow a greater stopping distance if roads are wet or slippery.
- If the trailer has over-run brakes, apply the brakes gradually to avoid snatching caused by the trailer wheels locking.
- Slow down before corners and maintain a steady speed while cornering. Deceleration or acceleration while cornering can result in loss of control. Remember that a larger than normal turning radius is needed because the trailer wheels will be closer than vehicle wheels to the inside of the turn.
- Avoid sudden acceleration and stopping of the vehicle. Do not make quick maneuvers unless they are necessary.
- Slow down in cross winds and be prepared for gusts of wind from large passing vehicles.

(Continued)

### A WARNING

(Continued)

- Be careful when overtaking other vehicles. Allow enough room for your trailer before changing lanes, and use turn signal lights properly in advance.
- Slow down and shift into a lower gear before you reach long or steep downhill grades. It is hazardous to attempt downshifting while you are descending a hill.
- Do not step on the brake pedal strongly. This could cause the brakes to over-heat resulting in reduced braking efficiency. Use engine braking as much as possible.
- Because of the added trailer weight, your engine may overheat on hot days when going up long or steep hills. Pay attention to your engine temperature. If it indicates overheating, pull off the road and stop the vehicle in a safe place. Refer to "Engine trouble: Overheating" in "EMERGENCY SERVICE" section.



60A186

### A WARNING

When parking your vehicle and connected trailer, always use the following procedure:

- 1) Apply the vehicle's brakes firmly.
- 2) Have another person place wheel chocks under the wheels of the vehicle and the trailer while you are holding the brakes.
- 3) Slowly release the brakes until the wheel chocks absorb the load.
- 4) Fully engage the parking brake.
- 5) Manual transaxle - turn off the engine, then shift into reverse or first gear.  
Automatic transaxle or CVT- shift into "P" (Park) and turn off the engine.

(Continued)

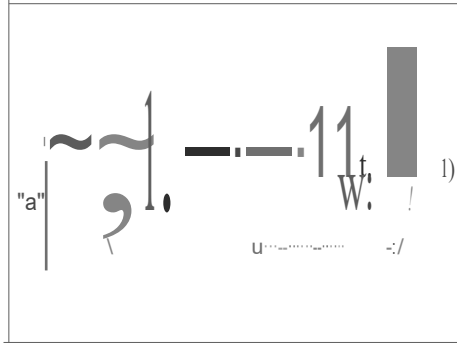
### A WARNING

(Continued)

When starting out after parking:

- 1) Depress the clutch and start the engine.
- 2) Shift into gear, release the parking brake, and slowly pull away from the chocks.
- 3) Stop, apply the brakes firmly and hold them.
- 4) Have another person remove the chocks.

## Trailer hitch installation points



(1) Side

Maximum vertical load on trailer hitch point (EU)

60 kg (132 lbs)

Maximum permissible overhang "a"

669 mm (26.3 in.)

**MEMO**

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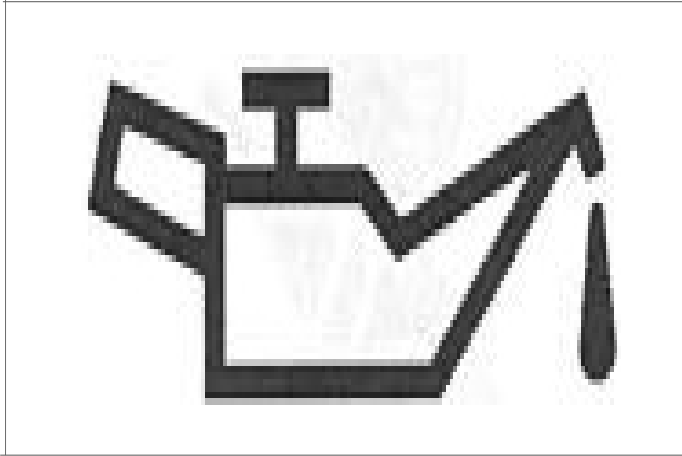
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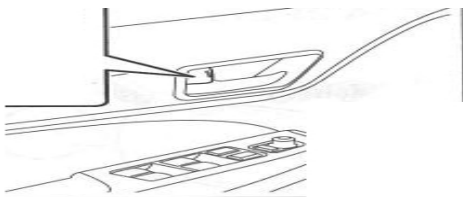
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60G410

## INSPECTION AND MAINTENANCE

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### A. WARNING

Take extreme care when working on your vehicle to prevent accidental injury. Carefully observe the following precautions:

- To prevent damage or unintended activation of the air bag system or seat belt pretensioner system, check that the lead-acid battery is disconnected and the ignition switch has been in "LOCK" position or the ignition mode has been "LOCK" (OFF) for at least 90 seconds before performing any electrical service work on your SUZUKI vehicle. Do not touch air bag system components, seat belt pretensioner system components or wires.

The wires are wrapped with yellow tape or yellow tubing, and the couplers are yellow for easy identification.

- Do not leave the engine running in garages or other confined areas.

(Continued)

### A. WARNING

(Continued)

- When the engine is running, keep hands, clothing, tools, and other objects away from the fan and drive belt. Even though the fan may not be moving, it can automatically turn on without warning.
- When it is necessary to perform service work with the engine running, check that the parking brake is set fully and the transaxle is in Neutral (for manual transaxle vehicles) or Park (for automatic transaxle or CVT vehicles).
- Do not touch ignition wires or other ignition system parts when starting the engine or when the engine is running, or you could receive an electric shock.
- Be careful not to touch a hot engine, exhaust manifold and pipes, muffler, radiator and water hoses.
- Do not allow smoking, sparks, or flames around fuel or the battery. Flammable fumes are present.
- Do not get under your vehicle if it is supported only with the portable jack provided in your vehicle.
- Be careful not to cause accidental short circuits between the positive and negative battery terminals.

(Continued)

### A. WARNING

(Continued)

- Keep used oil, coolant, and other fluids away from children and pets. Dispose of used fluids properly; never pour them on the ground, into sewers, etc.

## Maintenance schedule

The following table shows the timing when you should perform regular maintenance on your vehicle. This table shows in miles, kilometers and months when you should perform inspections, adjustments, lubrication and other services. These intervals should be shortened if driving is usually done under severe conditions (refer to "Maintenance recommended under severe driving conditions").

### **A** WARNING

SUZUKI recommends that maintenance on items marked with an asterisk (*) be performed by an authorized SUZUKI dealer or a qualified service technician. If you are qualified, you may perform maintenance on the unmarked items by referring to the instructions in this section. If you are not sure whether you can successfully complete any of the unmarked maintenance jobs, ask an authorized SUZUKI dealer to do the maintenance for you.

### **NOTICE**

Whenever it becomes necessary to replace parts on your vehicle, it is recommended that you use genuine SUZUKI replacement parts or their equivalent.

### Periodic maintenance schedule (except for Morocco)

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"R" : Replace or Change

"I" : Inspect, clean, adjust, lubricate or replace as necessary

*NOTE:*

- *Class 1: K10C engine with SHVS*
- *Class 2: K10C engine without SHVS*
- *Class 3: K12C engine with SHVS*
- *Class 4: K12C engine without SHVS*

*NOTE:*

*This table shows the service schedule up to 240000 km (150000 miles). Beyond 240000 km (150000 miles), perform the same services at the same intervals shown in the chart.*

Interval: This interval should be judged by odometer reading or months, whichever comes first		km (x1000)	20	40	60	80	100	120
		miles (x1000)	12.5	25	37.5	50	62.5	75
		months	12	24	36	48	60	72
<b>ENGINE</b>								
*1-1. Engine accessory drive belt	[Class 1, 3) Tension check, *Adjustment	*Replacement	-	↑	-	R	-	↑
	[Class 2, 4) Tension check, *Adjustment, *Replacement							R
1-2. Engine oil and engine oil filler	(Class 1, 2) ACEA Standards or SUZUKI GENUINE OIL (#1)	Replace by following oil change request light or change oil message in instrument cluster. If the light or message does not come on, replace every 20000 km (12500 miles) or 12 months.						
		Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.						
	[Class 1, 2) Other than ACEA Standards or SUZUKI GENUINE OIL (#1)	Replace by following oil change request light or change oil message in instrument cluster. If the light or message does not come on, replace every 15000 km (9375 miles) or 12 months.						
		Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.						
	[Class 3, 4) ACEA Standards or SUZUKI GENUINE OIL (#1)		R	R	R	R	R	R
		Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.						
	[Class 3, 4) Other than ACEA Standards or SUZUKI GENUINE OIL (#1)	Replace every 15000 km (9375 miles) or 12 months.						
		Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.						
1-3. Engine coolant	SUZUKI LLC: Super (Blue) (#2)	First time only: Replace at 160000 km (100000 miles) or 96 months.						
	SUZUKI LLC: Standard (Green)	Second time and after: Replace every 80000 km (50000 miles) or 48 months.						
		Replace every 40000 km (25000 miles) or 36 months.						
*1-4. Exhaust system (except catalyst)			-	↑	-	↑	-	↑
<b>IGNITION</b>								
2-1. Spark plugs	Iridium plug		[Class 1, 2] -	↑	R	↑	-	R
			[Class 3, 4] Replace every 100000 km (62500 miles) or 84 months.					
<b>FUEL</b>								
3-1. Air cleaner filter element	Paved-road	Inspect every 20000 km (12500 miles) or 12 months.						
	Dusty condition	Replace every 40000 km (25000 miles) or 36 months.						
		Refer to "Severe driving condition" schedule.						
*3-2. Fuel lines			-	↑	-	↑	-	↑
*3-3. Fuel tank			=	↑	=	↑	=	↑

#1: For further details, see "Engine oil and filter" in this section.

#2: Perform the engine coolant level check under the daily inspection in the "OPERATING YOUR VEHICLE" section.

If you use the engine coolant other than "SUZUKI LLC: Super (Blue)" for replacement, follow the schedule of "SUZUKI LLC: Standard (Green)".

## INSPECTION AND MAINTENANCE

Interval: This interval should be judged by odometer reading or months, whichever comes first.		km (x1000)	140	160	180	200	220	240
		miles (x1000)	87.5	100	112.5	125	137.5	150
		months	84	96	108	120	132	144
<b>ENGINE</b>								
*1-1. Engine accessory drive belt	[Class 1, 3) Tension check, *Adjustment, *Replacement	-	R	-	-	-	R	
	[Class 2, 4) Tension check, *Adjustment, *Replacement	-						R
1-2. Engine oil and engine oil filler	(Class 1, 2) ACEA Standards or SUZUKI GENUINE OIL (#1)	Replace by following oil change request light or change oil message in instrument cluster. If the light or message does not come on, replace every 20000 km (12500 miles) or 12 months. Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.						
	[Class 1, 2) Other than ACEA Standards or SUZUKI GENUINE OIL (#1)	Replace by following oil change request light or change oil message in instrument cluster. If the light or message does not come on, replace every 15000 km (9375 miles) or 12 months. Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.						
	[Class 3, 4) ACEA Standards or SUZUKI GENUINE OIL (#1)	R R R R R R Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.						
	[Class 3, 4) Other than ACEA Standards or SUZUKI GENUINE OIL (#1)	Replace every 15000 km (9375 miles) or 12 months. Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.						
1-3. Engine coolant	SUZUKI LLC: Super (Blue) (#2)	First time only: Replace at 160000 km (100000 miles) or 96 months.						
	SUZUKI LLC: Standard (Green)	Second time and after: Replace every 80000 km (50000 miles) or 48 months. Replace every 40000 km (25000 miles) or 36 months.						
*1-4. Exhaust system (except catalytic converter)		- [ - [ - [ - [						
<b>IGNITION</b>								
2-1. Spark plugs	Iridium plug	[Class 1, 2) - [Class 3, 4) Replace every 100000 km (62500 miles) or 84 months.			R	-	-	R
<b>FUEL</b>								
3-1. Air cleaner filter element	Paved-road	Inspect every 20000 km (12500 miles) or 12 months. Replace every 40000 km (25000 miles) or 36 months.						
	Dusty condition	Refer to "Severe driving condition" schedule.						
*3-2. Fuel lines		-						
*3-3. Fuel tank		=			=			

#1: For further details, see "Engine oil and filter" in this section.

#2: Perform the engine coolant level check under the daily inspection in the "OPERATING YOUR VEHICLE" section.

If you use the engine coolant other than "SUZUKI LLC: Super (Blue)" for replacement, follow the schedule of "SUZUKI LLC: Standard (Green)".

Interval: This interval should be judged by odometer reading or months, whichever comes first.		km (x1000)	20	40	60	80	100	120
		miles (x1000)	12.5	25	37.5	50	62.5	75
		months	12	24	36	48	60	72
<b>EMISSION CONTROL SYSTEM</b>								
*4-1. PCV valve			-	-	-	↑	-	-
*4-2. Fuel evaporative emission control system			-	-	-	-	-	↑
<b>BRAKE</b>								
*5-1. Brake discs and pads (front) (rear (if equipped))			↑	↑	↑	↑	↑	↑
Brake drums and shoes (rear (if equipped))			-	↑	-	↑	-	↑
*5-2. Brake hoses and pipes			-	↑	-	↑	-	↑
*5-3. Brake fluid (#3)			-	R	-	R	-	R
*5-4. Brake (Pedal and fluid level)			↑	↑	↑	↑	↑	↑
5-5. Parking brake lever and cable		Check *Adjustment (1st 20000 km only)	↑	-	-	-	-	-
<b>CHASSIS AND BODY</b>								
*6-1. Clutch fluid (#3)			-	R	-	R	-	R
*6-2. Clutch (Pedal and fluid level)			↑	↑	↑	↑	↑	↑
6-3. Tires/Wheels			↑	↑	↑	↑	↑	↑
*6-4. Wheel bearings			-	↑	-	↑	-	↑
*6-5. Drive axle boots			-	↑	-	↑	-	↑
*6-6. Propeller shafts (4WD)			-	↑	-	↑	-	↑
*6-7. Suspension system			-	↑	-	↑	-	↑
*6-8. Steering system			-	↑	-	↑	-	↑
*6-9. Manual transaxle oil		Genuine "SUZUKI GEAR OIL 75W. Other than "SUZUKI GEAR OIL 75W *	Inspect every 40000 km (25000 miles) or 24 months.					
*5-10. Automatic transaxle		Fluid leak check	-	R	-	R	-	R
6-11. Continuously variable transaxle (CVT)		Fluid level	-	↑	-	↑	-	↑
*6-12. Transferoil (4WD)			Inspect every 30000 km (18000 miles) or 24 months. Replace every 150000 km (90000 miles) or 120 months.					
*6-13. Rear differential oil (4WD)			Inspect every 30000 km (18000 miles) or 24 months. Replace every 150000 km (90000 miles) or 120 months.					
6-14. All latches, hinges and locks			-	↑	-	↑	-	↑
*6-15. Air conditioner filler element (if equipped)			-	↑	R	-	↑	R

#3: Clutch fluid is supplied from brake fluid reservoir.

### WARNING

The shock absorbers are filled with high pressure gas. Never attempt to disassemble them or throw them into a tire. Avoid storing them near a heater or heating device. When scrapping the absorber the gas must be released from the absorber safely. Ask an authorized SUZUKI dealer for assistance.

## INSPECTION AND MAINTENANCE

Interval: This interval should be judged by:		km (x1000)	140	160	180	200	220	240
odometer reading or months, whichever comes first.		miles (x1000)	87.5	100	112.5	125	137.5	150
		months	84	96	108	120	132	144
<b>EMISSION CONTROL SYSTEM</b>								
*4.1. PCV valve			-	↑	-	-	-	↓
*4.2. Fuel evaporative emission control system			-	-	-	↑	-	↓
<b>BRAKE</b>								
*5.1. Brake discs and pads	(front) (rear (if equipped))		↓	↓	↓	↑	↓	↓
Brake drums and shoes		(rear (if equipped))	-	↓	-	↑	-	↑
*5-2. Brake hoses and pipes			-	↓	-	↑	-	↑
*5-3. Brake fluid (#3)			-	R	-	R	-	R
*5-4. Brake (Pedal and fluid level)			↑	↓	↑	↓	↑	↓
*5-5. Parking brake lever and cable		Check, *Adjustment (1st 20000 km only)	-	-	-	-	-	-
<b>CHASSIS AND BODY</b>								
*6-1. Clutch fluid (#3)			-	R	-	R	-	R
*6-2. Clutch (Pedal and fluid level)			↓	↑	↓	↑	↓	↑
6-3. Tires/Wheels			↓	↓	↓	↑	↓	↓
*6-4. Wheel bearings			-	↓	-	↑	-	↓
*6-5. Drive axle boots			-	↓	-	↓	-	↑
*6-6. Propeller shafts (4WD)			-	↓	-	↓	-	↓
*6-7. Suspension system			-	↓	-	↓	-	↓
*6-8. Steering system			-	↑	-	↓	-	↓
*6-9. Manual transaxle oil	Genuine *SUZUKI GEAR OIL 75W"		Inspect every 40000 km (25000 miles) or 24 months.					
	Other than *SUZUKI GEAR OIL 75W"		-	R	-	R	-	R
*6-10. Automatic transaxle		Fluid leak check	-	↓	-	↑	-	↑
6-11. Continuously variable transaxle (CVT)		Fluid level!	-	↓	-	↓	-	↑
*6-12. Transfer oil (4WD)			Inspect every 30000 km (18000 miles) or 24 months.					
			Replace every 150000 km (90000 miles) or 120 months.					
*6-13. Rear differential oil (4WD)			Inspect every 30000 km (18000 miles) or 24 months.					
			Replace every 150000 km (90000 miles) or 120 months.					
6-14. All latches, hinges and locks			-	↓	-	↓	-	↓
*6-15. Air conditioner filter element (if equipped)			-	↓	R	↓	↓	R

#3: Clutch fluid is supplied from brake fluid reservoir.

**NOTE:**

4WD: 4-wheel drive

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## Maintenance recommended under severe driving conditions (except for Morocco)

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Follow this schedule if your vehicle is mainly operated under one or more of the following conditions:

- When most trips are less than 6 km (4 miles).
- When most trips are less than 16 km (10 miles) and outside temperature remains below freezing.
- Idling and/or low-speed operation in stop-and-go traffic.
- Operating in extremely cold weather and/or on salted roads.
- Operating in rough and/or muddy areas.
- Operating in dusty areas.
- Repeated high speed drive or high engine revolutions.
- Towing a trailer, if admitted.

This schedule should also be followed if the vehicle is used for delivery service, police, taxi or other commercial applications.

### NOTE:

- *Class 1: K10C engine with SHVS*
- *Class 2: K10C engine without SHVS*
- *Class 3: K12C engine with SHVS*
- *Class 4: K12C engine without SHVS*

## INSPECTION AND MAINTENANCE

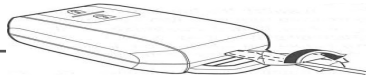
Interval: This interval should be judged by odometer reading or months, whichever comes first.		km (x1000)	10	20	30	40	50	60
		miles (x1000)	6.25	12.5	18.75	25	31.25	37.5
		months	6	12	18	24	30	36
<b>ENGINE</b>								
*1-1. Engine accessory drive belt	Tension check, *Adjustment, *Replacement		-	-	-	-	-	R
1-2. Engine oil and engine oil filler	[Class 1, 2] (#1)		Replace every 7500 km (4687 miles) or 6 months. Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.					
	(Class 3, 4] ACEA Standards or SUZUKI GENUINE OIL (#1)		R	R	R	R	R	R
	[Class 3, 4] Other than ACEA Standards or SUZUKI GENUINE OIL (#1)		Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section. Replace every 7500 km (4687 miles) or 6 months. Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.					
1-3. Engine coolant	SUZUKI LLC: Super (Blue) (#2)	First time only:	Replace at 160000 km (100000 miles) or 96 months.					
	SUZUKI LLC: Standard (Green)	Second time and after:	Replace every 80000 km (50000 miles) or 48 months.					
*1-4. Exhaust system (except catalyst)			Replace every 40000 km (25000 miles) or 36 months.					
<b>IGNITION</b>			-	-	-	-	-	-
2-1. Spark plugs	Iridium plug		Replace every 30000 km (18750 miles) or 24 months.					
<b>FUEL</b>								
3-1. Air cleaner filter element*1			Inspect every 2500 km (1562 miles). Replace every 30000 km (18750 miles) or 24 months.					
*3-2. Fuel lines			=	=	=	=	=	-
*3-3. Fuel tank								
<b>EMISSION CONTROL SYSTEM</b>								
*4-1. PCV valve			Inspect every 80000 km (50000 miles) or 48 months.					
*4-2. Fuel evaporative emission control system			-	-	-	-	-	-

#1: For further details, see "Engine oil and filter" in this section.

#2: Perform the engine coolant level check under the daily inspection in the "OPERATING YOUR VEHICLE" section.

If you use the engine coolant other than "SUZUKI LLC: Super (Blue)" for replacement, follow the schedule of "SUZUKI LLC: Standard (Green)".

Interval: This interval should be judged by		km (x1000)	70	80	90	100	110	120
From		months	42	48	54	60	66	72
<b>ENGINE</b>								
*1-1. Engine accessory drive belt	Tension check *Adjustment, *Replacement							R
1-2. Engine oil and engine oil filler	[Class 1, 2) (#1)							
	[Class 3, 4) ACEA Standards or SUZUKI GENUINE OIL (#1)		R	R	R	R	R	R
	[Class 3, 4) Other than ACEA Standards or SUZUKI GENUINE OIL (#1)							
1-3. Engine coolant	SUZUKI LLC: Super (Blue) (#2)	First time only:						
	SUZUKI LLC: Standard (Green)	Second time and after:						
*1-4. Exhaust system (except catalyst)								
<b>IGNITION</b>								
2-1. Spark plugs	Iridium plug							
<b>FUEL</b>								
3-1. Air cleaner filter element*1								
*3-2. Fuel lines								
*3-3. Fuel tank								
<b>EMISSION CONTROL SYSTEM</b>								
*4-1. PCV valve								
*4-2. Fuel evaporative emission control system								



- #1: For further details, see "Engine oil and filter" in this section.
- #2: Perform the engine coolant level check under the daily inspection in the "OPERATING YOUR VEHICLE" section. If you use the engine coolant other than "SUZUKI LLC: Super (Blue)" for replacement, follow the schedule of "SUZUKI LLC: Standard (Green)".

Interval: This interval should be judged by 1----- km:m: (x:1, o=00=) +-=1= o=1----- 20'=+----- 3:0=+-+----- 4:0: -i----- 5:0-----  
odometer reading or months, whichever miles(x1000) 6.25 12.5 18.75 25 31.25 37.5  
comes first. 1----- 2----- 3----- 4----- 5----- 6----- 7----- 8----- 9----- 10-----  
1----- 2----- 3----- 4----- 5----- 6----- 7----- 8----- 9----- 10-----

#3: Clutch fluid is supplied from brake fluid reservoir.

The shock absorbers are filled with high pressure gas. Never attempt to disassemble them or throw them into a fire. Avoid storing them near a heater or heating device. When scrapping the absorber, the gas must be released from the absorber safely. Ask an authorized SUZUKI dealer for assistance.

Interval: This interval should be judged by odometer reading or months, whichever comes first.		km (x1000)	70	80	90	100	110	120
		miles (x1 000)	43.75	50	56.25	62.5	68.75	75
		months	42	48	54	60	66	72
<b>BRAKE</b>								
*5-1. Brake discs and pads	(front) (rear (if equipped))	-	↑	-	↑	-	↑	
Brake drums and shoes	(rear (if equipped))	-	↑	-	-	-	-	↑
*5-2. Brake hoses and pipes		-	↑	-	-	-	-	↑
*5-3. Brake fluid (#3)		-	R	-	-	-	-	R
*5-4. Brake (Pedal and fluid level)		-	↑	-	↑	-	-	↑
5-5. Parking brake lever and cable	Check, *Adjustment (1st 20000 km only)	-	-	-	-	-	-	-
<b>CHASSIS AND BODY</b>								
*6-1. Clutch fluid (#3)		-	R	-	-	-	-	R
*6-2. Clutch (Pedal and fluid level)		-	↑	-	↑	-	-	↑
6-3. Tires/Wheels		-	↑	-	-	-	-	↑
*6-4. Wheel bearings		-	↑	-	↑	-	-	↑
*6-5. Drive axle boots		-	↑	-	-	-	-	↑
*6-6. Propeller shafts (4WD)		-	↑	-	↑	-	-	↑
*6-7. Suspension system		-	↑	-	-	-	-	↑
*6-8. Steering system		-	↑	-	-	-	-	↑
*6-9. Manual transaxle oil	Genuine "SUZUKI GEAR OIL 75W"	Inspect every 20000 km (12500 miles) or 12 months. Replace every 80000 km (50000 miles) or 48 months.						
	Other than "SUZUKI GEAR OIL 75W"	-	R	-	R	-	-	R
*6-10. Automatic transaxle	Fluid leak check	-	↑	-	-	-	-	↑
6-11. Continuously variable transaxle (CVT)	Fluid level	-	↑	-	↑	-	-	↑
	*Fluid deterioration check*2	-	↑	-	↑	-	-	↑
	Fluid change	Replace every 70000 km (43750 miles) Replace every 30000 km (18000 miles) or 24 months. Replace every 30000 km (18000 miles) or 24 months.						
*6-12. Transfer oil (4WO)		-	↑	-	↑	-	-	↑
*6-13. Rear differential oil (4WO)		-	↑	-	↑	-	-	↑
6-14. All latches, hinges and locks		-	↑	-	↑	-	-	↑
*6-15. Air conditioner filter element (if equipped)*3		-	↑	-	↑	-	-	↑

#3: Clutch fluid is supplied from brake fluid reservoir.

## NOTE:

4WD: 4-wheel drive

## NOTE:

This table shows the service schedule up to 120000 km (75000 miles).

Beyond 120000 km (75000 miles), perform the same services at the same intervals shown in the chart.

*1 Inspect more frequently if the vehicle is used under dusty conditions.

*2 Check or replace as necessary if you usually drive with high speed or high engine revolutions.

*3 Clean more frequently if the air flow from the air conditioner decreases.

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### Periodic maintenance schedule (For Morocco)

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"R" : Replace or Change

"I" : Inspect, clean, adjust, lubricate or replace as necessary

**NOTE:**

*This table shows the service schedule up to 180000 km (108000 miles). Beyond 180000 km (108000 miles), perform the same services at the same intervals shown in the chart.*

## INSPECTION AND MAINTENANCE

Interval: This interval should be judged by odometerreading or months, whichever comes first.		km (x1000)	15	30	45	60	75	90
		miles (x1000)	9	18	27	36	45	54
		months	12	24	36	48	60	72
ENGINE								
*1-1. Engine accessory drive belt	Tension check, *Adjustment, *Replacement		-	-		-	-	R
1-2. Engine oil and engine oil filler			R	R	R	R	R	R
			Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.					
1-3. Engine coolant	SUZUKI LLC: Super (Blue) (#1)	First time only:	Replace at 150000 km (90000 miles) or 96 months.					
	SUZUKI LLC: Standard (Green)	Second time and after:	Replace every 75000 km (45000 miles) or 48 months.					
*1-4. Exhaust system (exceptcatalyst)								
IGNITION								
2-1. Spark plugs	Iridium plug		(Replace every 105000 km (63000 miles) or 84 months.					
FUEL								
3-1. Air cleaner filler element	Paved-road Dusty condition				R			R
			Refer to "Severedriving condition" schedule.					
*3-2. Fuel lines			-	-		-		
*3-3. Fuel filler			Replace every 105000 km (63000 miles).					
*3-4. Fuel tank			-	-		-	-	
EMISSION CONTROL SYSTEM								
*4-1. PCV valva			-	-	-	-	-	
*4-2. Fuel evaporativeemission control system			-	-	-	-	-	

- #1: Perform the engine coolant level check under the daily inspection in the "OPERATING YOUR VEHICLE" section.  
If you use the engine coolant other than "SUZUKI LLC: Super (Blue)" for replacement, follow the schedule of "SUZUKI LLC: Standard (Green)". (Replace every 45000 km (27000 miles) or 36 months.)

## INSPECTION AND MAINTENANCE

Interval: This interval should be judged by odometer reading or months, whichever comes first			km (x1000)	105	120	135	150	165	180
			miles (x1000)	63	72	81	90	99	108
			months	84	96	108	120	132	144
ENGINE									
*1-1. Engine accessory drive belt	Tension check, *Adjustment, "Replacement			-	-	-	-	-	R
1-2. Engine oil and engine oil filler				R	R	R	R	R	R
				Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.					
1-3. Engine coolant	SUZUKI LLC: Super (Blue) (#1)			First time only: Replace at 150000 km (90000 miles) or 96 months.					
	SUZUKI LLC: Standard (Green)			Second time and after: Replace every 75000 km (45000 miles) or 48 months.					
*1-4. Exhaust system (except catalyst)				=	7	~	7	=	R
IGNITION									
2-1. Spark plugs	Iridium plug			Replace every 105000 km (63000 miles) or 84 months.					
FUEL									
3-1. Air cleaner filler element	Paved-road				-	-	R	-	R
	Dusty condition				Refer to "Severe driving condition" schedule.				
*3-2. Fuel lines				-	-	-	-	-	-
*3-3. Fuel filler				Replace every 105000 km (63000 miles).					
*3-4. Fuel tank				-	-	-	-	-	-
EMISSION CONTROL SYSTEM									
*4-1. PCV valve				-	-	-	-	-	-
*4-2. Fuel evaporative emission control system				-	-	-	-	-	-

#1: Perform the engine coolant level check under the daily inspection in the "OPERATING YOUR VEHICLE" section.  
If you use the engine coolant other than "SUZUKI LLC: Super (Blue)" for replacement, follow the schedule of "SUZUKI LLC: Standard (Green)". (Replace every 45000 km (27000 miles) or 36 months.)

Interval: This interval should be judged by odometer reading or months, whichever comes first.	km (x1000)	15	30	45	60	75	90
	miles (x1000)	9	18	27	36	45	54
	months	12	24	36	48	60	72
<b>BRAKE</b>							
*5-1. Brake discs and pads (front) (rear (if equipped))							
Brake drums and shoes (rear (if equipped))		-		-		-	
*5-2. Brake hoses and pipes		-		-		-	
*5-3. Brake fluid (#2)		-	R	-	R	-	R
*5-4. Brake (Pedal and fluid level)							
5-5. Parking brake lever and cable	Check. *Adjustment (1st 15000 km only)		-	-	-	-	-
<b>CHASSIS AND BODY</b>							
*6-1. Clutch fluid (#2)		-	R	-	R	-	R
*6-2. Clutch (pedal and fluid level)							
6-3. Tires/Wheels							
*6-4. Wheel bearings		-		-		-	
*6-5. Drive axle boots		-	-		-	-	
*6-6. Suspension system		-		-		-	
*6-7. Steering system		-		-		-	
*6-8. Manual transaxle oil	Genuine "SUZUKI GEAR OIL 75W" Other than "SUZUKI GEAR OIL 75W" (1st 15000 km only)	Inspect every 30000 km (18000 miles) or 24 months.					
6-9. Continuously variable transaxle (CVT)	Fluid level		-	R	-	-	R
6-10. All latches, hinges and locks		-		-		-	
*6-11. Air conditioner filler element (if equipped)		-		R	-		R

#2: Clutch fluid is supplied from brake fluid reservoir.

### WARNING

The shock absorbers are filled with high pressure gas. Never attempt to disassemble them or throw them into a fire. Avoid storing them near a heater or heating device. When scrapping the absorber, the gas must be released from the absorber safely. Ask an authorized SUZUKI dealer for assistance.

## INSPECTION AND MAINTENANCE

Interval: This interval should be judged by		km (x1000)	105	120	135	150	165	180
odometer reading or months, whichever comes first.		miles (x1000)	63	72	81	90	99	108
		months	84	96	108	120	132	144
<b>BRAKE</b>								
*5-1. Brake discs and pads (front) (rear (if equipped))			↓	↓	↑	↑	↓	↓
Brake drums and shoes (rear (if equipped))			—	↑	—	↓	—	↓
*5-2. Brake hoses and pipes			—	↑	—	↓	—	↓
*5-3. Brake fluid (#2)			—	R	—	R	—	R
*5-4. Brake (Pedal and fluid level)			↓	↑	↓	↑	↓	↑
*5-5. Parking brake lever and cable	Check. •Adjustment (1st 15000 km only)		—	—	—	—	—	—
<b>CHASSIS AND BODY</b>								
*6-1. Clutch fluid (#2)			—	R	—	R	—	R
*6-2. Clutch (pedal and fluid level)			↑	↓	↓	↑	↓	↓
6-3. Tires/Wheels			↑	↓	↑	↑	↑	↓
*6-4. Wheel bearings			—	↓	—	↑	—	↓
*6-5. Drive axle boots			—	—	↑	—	—	↓
*6-6. Suspension system			—	↓	—	↓	—	↓
*6-7. Steering system			—	↑	—	↓	—	↓
*6-8. Manual transaxle oil	Genuine "SUZUKI GEAR OIL 75W"		Inspect every 30000 km (18000 miles) or 24 months					
	Other than "SUZUKI GEAR OIL 75W"	(1st 15000 km only)	—	—	R	—	—	R
6-9. Continuously variable transaxle (CVT)	Fluid level		—	↑	—	↑	—	↑
6-10. All latches, hinges and locks			—	↑	—	↓	—	↑
*6-11. Air conditioner filler element (if equipped)			—	↓	R	—	↓	R

#2: Clutch fluid is supplied from brake fluid reservoir.

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### **Maintenance recommended under severe driving conditions (For Morocco)**

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Follow this schedule if your vehicle is mainly operated under one or more of the following conditions:

- When most trips are less than 6 km (4 miles).
- When most trips are less than 16 km (10 miles) and outside temperature remains below freezing.
- Idling and/or low-speed operation in stop-and-go traffic.
- Operating in extremely cold weather and/or on salted roads.
- Operating in rough and/or muddy areas.
- Operating in dusty areas.
- Repeated high speed drive or high engine revolutions.
- Towing a trailer, if admitted.

Schedule should also be followed if the vehicle is used for delivery service, police, taxi or other commercial applications.

## INSPECTION AND MAINTENANCE

Interval: This interval should be judged by odometer reading or months, whichever comes first.		km (x1000)	7.5	15	22.5	30	37.5	45	
		miles (x1000)	4.5	9	13.5	18	22.5	27	
		months	6	12	18	24	30	36	
ENGINE									
*1-1. Engine accessory drive belt	Tension check, •Adjustment, *Replacement		-		-		-	R	
1-2. Engine oil and engine oil filler			R	R	R	R	R	R	
			Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.						
1-3. Engine coolant	SUZUKI LLC: Super (Blue) (#1)	First time only:	Replace at 150000 km (90000 miles) or 96 months.						
	SUZUKI LLC: Standard (Green)	Second time and after:	Replace every 75000 km (45000 miles) or 48 months.						
*1-4. Exhaust system (except catalyst)									R -
IGNITION									
2-1. Spark plugs	Iridium plug		-	-	-	R	-	-	
FUEL									
3-1. Air cleaner filter element*1			Inspect every 2500 km (1500 miles). Replace every 30000 km (18000 miles) or 24 months.						
*3-2. Fuel lines			-	-	-	-	-	-	
*3-3. Fuel filler			Replace every 105000 km (63000 miles).						
*3-4. Fuel tank			-	-	-	-	-	-	
EMISSION CONTROL SYSTEM									
*4-1. PCV valve			-	-	-	-	-	-	
*4-2. Fuel evaporative emission control system			-	-	-	-	-	-	

#1: Perform the engine coolant level check under the daily inspection in the "OPERATING YOUR VEHICLE" section.  
If you use the engine coolant other than "SUZUKI LLC: Super (Blue)" for replacement, follow the schedule of "SUZUKI LLC: Standard (Green)". (Replace every 45000 km (27000 miles) or 36 months.)

## INSPECTION AND MAINTENANCE

Interval: This interval should be judged by odometer reading or months, whichever comes first.		km (x1000)	52.5	60	67.5	75	82.5	90
		miles (x1000)	31.5	36	40.5	45	49.5	54
		months	42	48	54	60	66	72
<b>ENGINE</b>								
*1-1. Engine accessory drive belt	Tension check, *Adjustment, *Replacement		-	↓	-	↓	-	R
1-2. Engine oil and engine oil filler			R	R	R	R	R	R
			Refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.					
1-3. Engine coolant	SUZUKI LLC: Super (Blue) (#1)	First time only:	Replace at 150000 km (90000 miles) or 96 months.					
	SUZUKI LLC: Standard (Green)	Second time and after:	Replace every 75000 km (45000 miles) or 48 months.					
*1-4. Exhaust system (except catalyst)			= 71 = 1 = 1					
<b>IGNITION</b>								
2-1. Spark plugs	Iridium plug		-	R	-	-	-	R
<b>FUEL</b>								
3-1. Air cleaner filter element			Inspect every 2500 km (1500 miles). Replace every 30000 km (18000 miles) or 24 months.					
*3-2. Fuel lines			-	↓	-	↓	-	↓
*3-3. Fuel filler			Replace every 105000 km (63000 miles).					
*3-4. Fuel tank			-	-	-	-	-	-
<b>EMISSION CONTROL SYSTEM</b>								
*4-1. PCV valve			-	-	-	-	-	↓
*4-2. Fuel evaporative emission control system			-	-	-	-	-	↓

- #1: Perform the engine coolant level check under the daily inspection in the "OPERATING YOUR VEHICLE" section.  
If you use the engine coolant other than "SUZUKI LLC: Super (Blue)" for replacement, follow the schedule of "SUZUKI LLC: Standard (Green)". (Replace every 45000 km (27000 miles) or 36 months.)

Interval: This interval should be judged by ||  
odometer reading or months, whichever  
comes first.

- 5.1. Brake discs and pads (front) (rear (if equipped))  
Brake drums and shoes (rear (if equipped))

- Check. •Adjustment 1st 15000 km onl

- *6-1. Clutch fluid (#2)
- "6-2 Clutch (pedal and fluid level)
- 6-3. Tires/Wheels
- *5.4. Wheel bearings
- *5.5_ Drive axle boots
- *6-6. Suspension system
- *5.7. Steering system
- *6-8. Manual transaxle oil

Genuine "SUZUKI GEAR OIL 75W"

Other than "SUZUKI GEAR OIL 75W"

- 6-9. Continuously variable transaxle (CVT)

Fluid level!

- *Fluid deterioration check•2  
*Fluid change

- 6-1 0. All latches, hinges and locks

- s-11. Air conditioner filler element if e ui ed •3



#2: Clutch fluid is supplied from brake fluid reservoir.

The shock absorbers are filled with high pressure gas. Never attempt to disassemble them or throw them into a tire. Avoid storing them near a heater or heating device. When scrapping the absorber, the gas must be released from the absorber safely. Ask an authorized SUZUKI dealer for assistance.

7-22

## Orive belt

### A WARNING

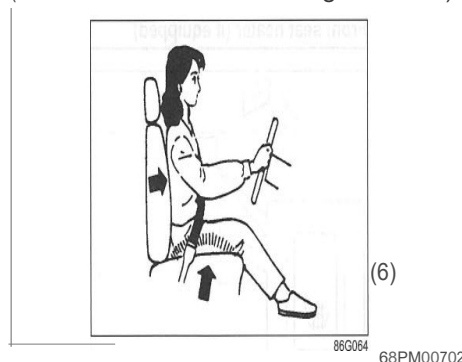
When the engine is running, keep hands, hair, clothing, tools, etc. away from the moving fan and drive belts.

Check that the drive belt tension is correct while the engine is stopped. If the belt is too loose, insufficient battery charging, engine overheating, poor air conditioning, or excessive belt wear can result. When you push the belt with your thumb midpoint between the pulleys, there should be a deflection according to the following chart.

The belts should also be examined to ensure that they are not damaged.

If you need to replace or adjust the belt have it done by an authorized SUZUKI dealer.

(For K10C without SHVS engine model)



- (1) Vehicle front      (2) Vehicle rear
- (3) Water pump      (4) Generator
- (5) Idler pulley
- (6) Air conditioner compressor

Orive belt deflection (100 N (10 kg, 22 lbs) press)

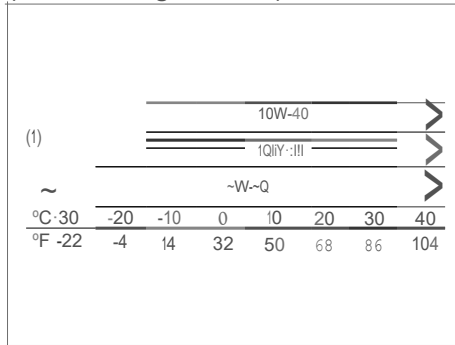
- (a) New:  
4.8 - 5.9 mm (0.19 - 0.23 in.)  
Readjustment:  
6.2 - 7.1 mm (0.24 - 0.28 in.)
- (b) New:  
3.2 - 4.1 mm (0.13 - 0.16 in.)  
Readjustment:  
4.4 - 5.0 mm (0.17 - 0.20 in.)

(For K10C with SHVS engine model/ K12C engine model)  
The drive belts tension is adjusted automatically.

## Engine oil and filter

### Specified oil

(For K10C engine model)



54P120705

(1) Recommended

Check that the engine oil you use comes under the quality classification as listed below:

- ACEA A1/B1, A3/B3, A3/B4, A5/B5
- API SL, SM, SN
- ILSAC GF-3, GF-4, GF-5

Select the appropriate oil viscosity according to the above chart.

**NOTE:**

The replacement timing varies with the type of engine oil that you choose. Refer to

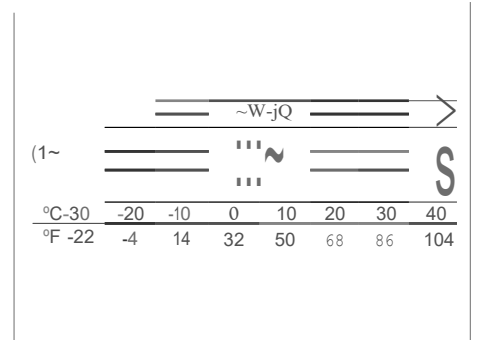
"Maintenance schedule" in this section for corresponding maintenance schedule.

SAE 5W-30 (1) is the best choice for good fuel economy and good startability in cold weather.

**NOTE:**

SUZUKI highly recommends the use of ECSTAR brand engine oil. ECSTAR has been specially formulated for your SUZUKI product and contributes to the desired vehicle performance and ideal driving experience.

(For K12C engine model)



52RS70060

(1) Recommended

Check that the engine oil you use comes under the quality classification as listed below:

- ACEA A1/B1, A3/B3, A3/B4, A5/B5
- API SL, SM, SN
- ILSAC GF-3, GF-4, GF-5

Select the appropriate oil viscosity according to the above chart.

## INSPECTION AND MAINTENANCE

### NOTE:

The replacement timing varies with the type of engine oil that you choose.

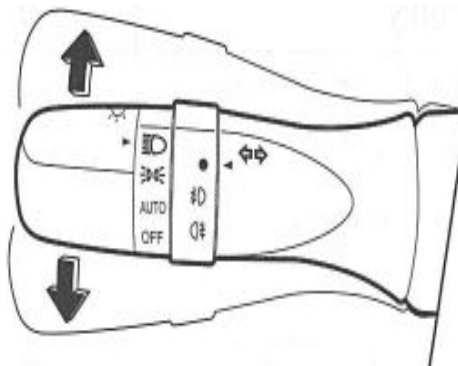
Refer to "Maintenance schedule" in this section for corresponding maintenance schedule.

SAE 0W-16 (1) is the best choice for good fuel economy and good startability in cold weather.

### NOTE:

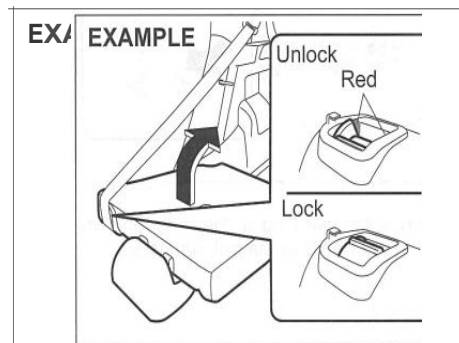
SUZUKI highly recommends the use of ECSTAR brand engine oil. ECSTAR has been specially formulated for your SUZUKI product and contributes to the desired vehicle performance and ideal driving experience.

### Oil level check



It is important to keep the engine oil at the correct level for proper lubrication of your vehicle's engine. Check the oil level with the vehicle on a level surface. The oil level indication may be inaccurate if the vehicle is on a slope. The oil level should be checked either before starting the engine or at least 5 minutes after stopping the engine.

The handle of the engine oil dipstick is colored with yellow for easy identification.



520084

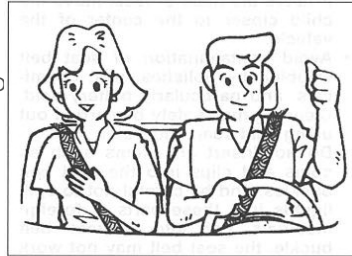
Pull out the oil dipstick, wipe the oil off with a clean cloth, insert the dipstick all the way into the engine, and then remove it again. The oil on the stick should be between the upper and lower limits shown on the stick. If the oil level indication is near the lower limit, add enough oil to raise the level to the upper limit.

### NOTICE

**Failure to check the oil level regularly could lead to serious engine trouble due to insufficient oil.**

## Refilling

### EXAMPLE



65D231S

52RM60020

Remove the oil filler cap and pour oil slowly through the filler hole to bring the oil level to the upper limit on the dipstick. Be careful not to overfill the oil. Too much oil is almost as bad as too little oil. After refilling, start the engine and allow it to idle for about a minute. Stop the engine, wait about 5 minutes and check the oil level again.

## Changing engine oil and filter

Drain the engine oil while the engine is still warm.

### EX



52RM70010

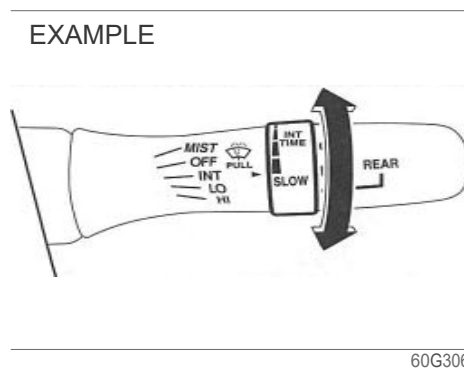
- 1) Remove the bolts and screws, and then remove the engine undercover (if equipped).



- 2) Remove the oil filler cap.
- 3) Place a drain pan under the drain plug.
- 4) Using a wrench, remove the drain plug and drain the engine oil.

**A CAUTION**

The engine oil temperature may be high enough to burn your fingers when the drain plug is loosened. Wait until the drain plug is cool enough to touch with your bare hands.



Tightening torque for drain plug:  
35 Nm (3.6 kg-m, 25.8 lb-ft)

**A WARNING**

Engine oil can be hazardous. Children and pets may be harmed by swallowing new or used oil. Keep new and used oil and used oil filters away from children and pets. Repeated, prolonged contact with used engine oil may cause skin cancer. Brief contact with used oil may irritate skin.

(Continued)

## A WARNING

(Continued)

To minimize your exposure to used oil, wear a long-sleeve shirt and moisture-proof gloves (such as dish-washing gloves) when changing oil. If oil contacts your skin, wash thoroughly with soap and water. Launder any clothing or rags if it is with oil.

Recycle or properly dispose of used oil and oil filters.

- 5) Reinstall the drain plug with new gasket. Tighten the plug with a wrench to the specified torque.

## NOTE:

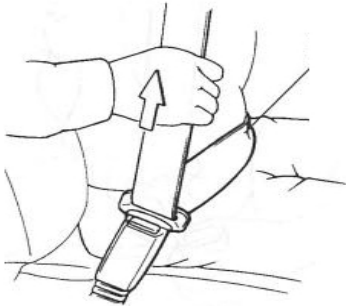
*Whenever the engine oil is changed, the oil lite monitoring must be reset to monitor the next oil change timing properly. To reset the light, consult an authorized SUZUKI dealer. If you reset it by yourself, refer to "Setting mode" in "BEFORE DRIVING" section.*

*For more information of the oil change request light and oil lite monitoring, refer to "Oil change request light (if equipped)" or "Information display" in "BEFORE DRIVING" section.*

*Ask an authorized SUZUKI dealer for changing engine oil and tilter if you have difficulties.*

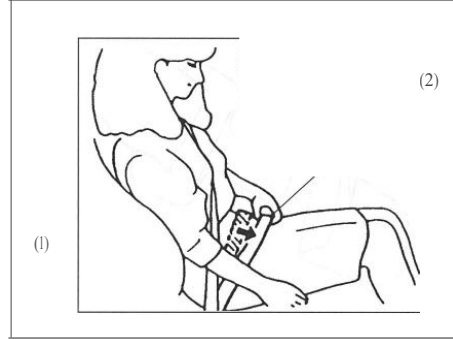
**Oil filter replacement**

- 1) Using an oil filter wrench, turn the oil filter counterclockwise and remove it.
- 2) Using a clean rag, wipe off the mounting surface on the engine where the new filter will be seated.
- 3) Smear a small amount of engine oil around the rubber gasket of the new oil filter.
- 4) Screw the new filter by hand until the filter gasket contacts the mounting surface.



54G092

- (1) Loosen
- (2) Tighten

**Tightening (viewed from filter top)**

54G093

- (1) Oil filter
- (2) 3/4 turn

**NOTICE**

To tighten the oil filter properly, it is important to accurately identify the position at which the filter gasket first contacts the mounting surface.

- 5) Tighten the filter as specified below from the point of contact with the mounting surface (or to the specified torque) using an oil filter wrench.

Tightening torque for oil filter:  
 3/4 turn or  
 14 Nm (1.4 kg-m, 10.3 lb-ft)

**NOTICE**

To prevent oil leakage, check that the oil filter is tight, but do not over-tighten it.

## Refill with oil and oil leakage check

- 1) Pour oil through the filler hole and install the filler cap.  
For the approximate capacity of the oil, refer to "Recommended fuel / lubricants and capacities (approx.)" in "SPECIFICATIONS" section.
- 2) Start the engine and carefully check the oil filter and the drain plug for leakage. Run the engine at various speeds for at least 5 minutes.
- 3) Stop the engine and wait about 5 minutes. Check the oil level again and add oil if necessary. Check for leakage again.

### NOTICE

- When replacing the oil filter, it is recommended that you use a genuine SUZUKI replacement filter. If you use an aftermarket filter, check that it is of equivalent quality and follow the manufacturer's instructions.
- Oil leakage from the periphery of the oil filter or drain plug indicate incorrect installation or gasket damage. If you find any leakage or are not sure that the filter has been properly tightened, have the vehicle inspected by an authorized SUZUKI dealer.

## Engine coolant

### Selection of coolant

#### NOTICE

SUZUKI LLC: Super (Blue) coolant; This coolant is already diluted to the proper percentage. Do not dilute with distilled water additionally. Doing so may result in the possibility of freezing and/or overheating coolant.

To maintain optimum performance and durability of your engine, use SUZUKI genuine coolant or equivalent.

#### NOTE.

*If you use the engine coolant other than the SUZUKI LLC: Super (Blue) for replacement, follow the schedule of SUZUKI LLC: Standard (Green). To see the detail of the maintenance schedule, refer to "Periodic maintenance schedule" in this section.*

This type of coolant is the best for cooling system for the following reasons:

- The coolant helps maintain proper engine temperature.
- It gives proper protection against freezing and boiling.
- It gives proper protection against corrosion and rust.

Failure to use the proper coolant can damage your cooling system. An authorized SUZUKI dealer can help you select the proper coolant.

### NOTICE

To avoid damaging your cooling system:

- Always use a high quality ethylene glycol base non-silicate type coolant diluted with distilled water at the correct mixture concentration.
- Check that the proper mix is 50:50 coolant to distilled water and in no case higher than 70:30. Concentrations greater than 70/30 coolant to distilled water will cause overheating conditions.
- Do not use straight coolant nor plain water (except "SUZUKI LLC: Super (Blue)").
- Do not add extra inhibitors or additives. They may not be compatible with your cooling system.
- Do not mix different types of base coolants. Doing so may result in accelerated seal wear and/or the possibility of severe overheating and extensive engine/automatic transaxle or CVT damage.

**NOTE:**

SUZUKI highly recommends the use of ECSTAR brand coolant. ECSTAR has been specially formulated for your SUZUKI product and contributes to the desired vehicle performance and ideal driving experience.

**Coolant level check**

Check the coolant level at the reservoir tank, not at the radiator. With the engine cool, the coolant level should be between "FULL" and "LOW" marks.

**Adding coolant****A. WARNING**

Swallowing engine coolant can cause severe injury or death. Inhaling coolant mist or vapors or getting coolant in your eyes could result in severe injury.

- Do not drink antifreeze or coolant solution. If swallowed, do not induce vomiting. Immediately contact a poison control center or a physician.
- Avoid inhaling coolant mist or hot vapors. If inhaled, remove to a fresh air area.

(Continued)

**A. WARNING**

(Continued)

- If coolant gets in the eyes, flush with water and seek medical attention.
- Wash thoroughly after handling coolant.
- Keep engine coolant out of the reach of children and pets.

**NOTICE**

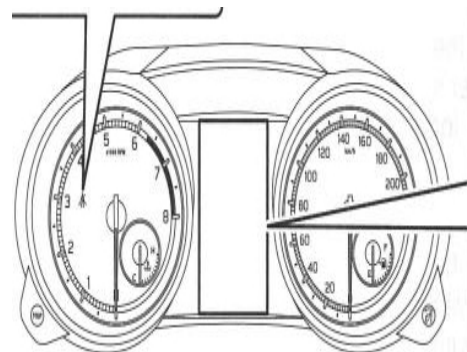
SUZUKI LLC: Super (Blue) coolant; This coolant is already diluted to the proper percentage. Do not dilute with distilled water additionally. Doing so may result in the possibility of freezing and/or overheating coolant.

**NOTICE**

SUZUKI LLC: Standard (Green) coolant;

The mixture you use should contain 50% concentration of antifreeze.

If the lowest ambient temperature in your area is expected to be  $-35^{\circ}\text{C}$  ( $-31^{\circ}\text{F}$ ) or below, use higher concentrations up to 60% following the instructions on the antifreeze container.



52RM70090

If the coolant level is below "LOW" mark, coolant should be added. While the engine is cool, remove the reservoir tank cap and add coolant until the reservoir tank level reaches "FULL" mark. Never fill the reservoir tank above "FULL" mark.

**NOTICE**

When putting the cap on the reservoir tank, line up the mark on the cap and the mark on the tank. Failure to follow this can result in coolant leakage.

**Coolant replacement**

Since special procedures are required, ask an authorized SUZUKI dealer for this job.

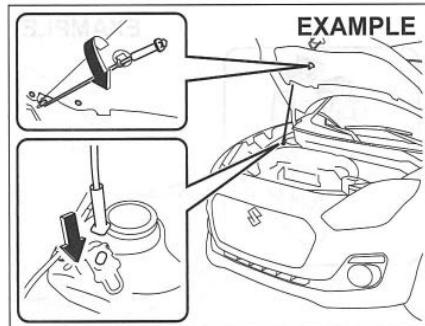
### Air cleaner

If the air cleaner is clogged with dust, there will be greater intake resistance, resulting in decreased power output and increased fuel consumption.

#### (For K10C engine model)

Since special procedures, materials and tools are required, it is recommended that you trust this job to an authorized SUZUKI dealer.

#### (For K12C engine model)



- 1) Unclamp the side clamps (1).
- 2) Hold up and pull the air cleaner upper case toward you.
- 3) Remove the element from the air cleaner case. If it appears to be dirty, clean or replace it with a new one.
- 4) Clamp the side clamps securely.

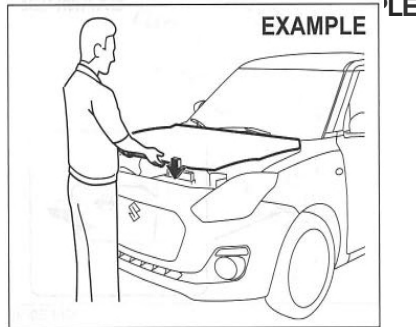
### Spark plugs

#### Spark plug replacement and inspection

##### (For K10C engine model)

Since special procedures, materials and tools are required, it is recommended that you trust this job to an authorized SUZUKI dealer.

##### (For K12C engine model)



81PN236

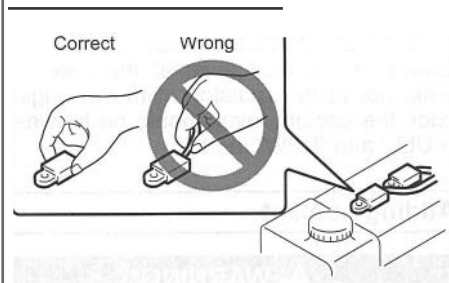
To access the spark plug:

- 1) Disconnect the coupler (1) while pushing the release lever.
- 2) Remove the bolt (2).
- 3) Pull out the ignition coil (3) straight.

#### NOTE:

During installation, check that the wires, couplers, sealing rubber of air cleaner chassis and washers, are correctly returned in place.

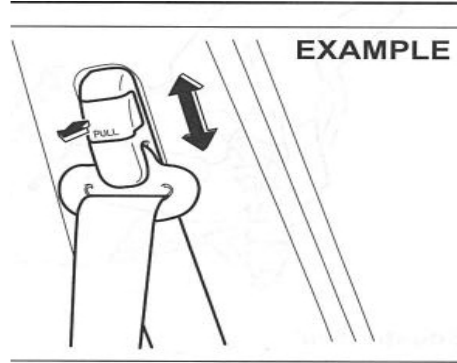
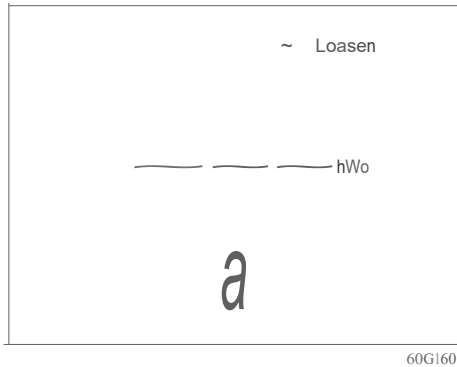
#### EXAMPLE



78K179

#### NOTICE

- When pulling out the ignition coils, do not pull on the cable. Pulling on the cable can damage it.
- When servicing the iridium/platinum spark plugs (slender center electrode type plugs) do not touch the center electrode, as it is easy to be damaged.



Spark plug gap "a":

ILZKR6F11

1.0-1.1 mm (0.039-0.043 in.)

#### NOT/CE

When replacing spark plugs, you should use the ~rand and type specified for your vehicle. For the specified plugs, refer to "SPECIFICATIONS" section in the end of this book. If you wish to use a brand of spark plug other than the specified plugs, consult authorized SUZUKI dealer.

## Gear oil

### Manual transaxle oil / transfer oil (4WD) / rear differential oil (4WD)

When adding gear oil, use gear oil with the appropriate viscosity and grade as shown in the chart below.

We highly recommend you use "SUZUKI GEAR OIL 75W" for manual transaxle oil.

#### Manual transaxle oil



°C	-30	-20	-10	0	10	20	30	40
°F	-22	-4	14	32	50	68	86	104

54PI20706

We highly recommend you use "SUZUKI GEAR OIL 75W-85" for transfer oil (4WD) and rear differential oil (4WD).

#### Transfer oil (4WD) Rear differential oil (4WD)



°C	-30	-20	-10	0	10	20	30	40
°F	-22	-4	14	32	50	68	86	104

7/LMT0701

## Gear oil level check

### K10C engine models

#### EXAMPLE

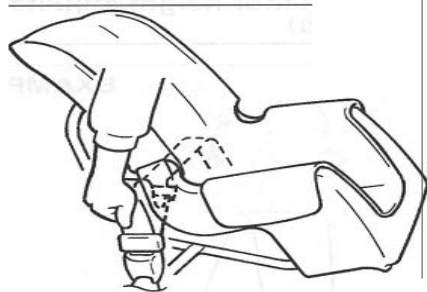


52LM021

#### (1) Oil filler and level plug

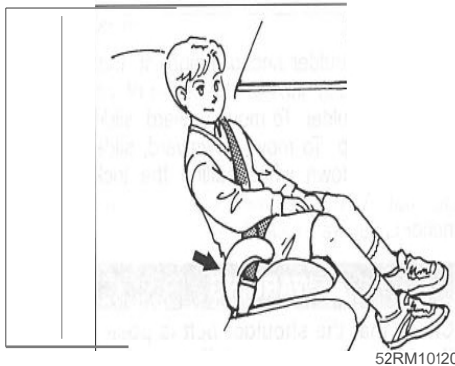
### K12C engine models

#### EXAMPLE



#### (1) Oil filler and level plug

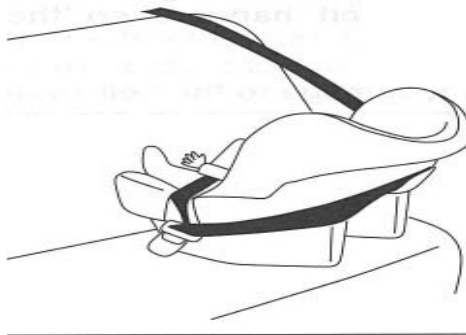
### Transfer (4WD)



52RM10120

#### (2) Oil filler and level plug

### Rear differential (4WD)



52RM70110

#### (3) Oil filler and level plug

To check the gear oil level, use the following procedure:

- 1) Park the vehicle on a level surface with the parking brake applied. Then, stop the engine.
- 2) Remove the oil filler and level plug.

For the manual transaxle;

- 3) If gear oil flows from the plug hole, the oil level is correct. Reinstall the plug. If gear oil does not flow from the plug hole, add oil through the filler plug hole until oil flows a little from the plug hole.

For the transfer and rear differential;

- 3) Check the inside of the hole with your finger. If the oil level comes up to the bottom of the plug hole, the oil level is correct. If so, reinstall the plug.
- 4) If the oil level is low, add gear oil through the oil filler and level plug hole until the oil level reaches the bottom of the filler hole, and then reinstall the plug.

Tightening torque for oil filler and level plug

Manual transaxle (1):

21 Nm (2.1 kg-m, 15.5 lb-ft)

Transfer (2):

27 Nm (2.7 kg-m, 19.5 lb-ft)

Rear differential (3):

27 Nm (2.7 kg-m, 19.5 lb-ft)

**A. CAUTION**

After driving the vehicle, the gear oil temperature may be high enough to burn you. Wait until the oil filler and level plug are cool enough to touch with your bare hands before inspecting gear oil level.

**NOTICE**

Be sure to use new plug with new gasket to avoid looseness of the plug and oil leakage.

**Gear oil change**

Since special procedures, materials and tools are required, ask an authorized SUZUKI dealer for this job.

**Clutch pedal****Fluid control clutch**

52RM70020

Check the clutch pedal for smooth operation and clutch fluid level from time to time. If clutch dragging is felt with the pedal fully depressed, have the clutch inspected by an authorized SUZUKI dealer. If the clutch fluid level is near "MIN" line, fill it up to "MAX" line with DOT3 or SAE J1703 brake fluid.

**Continuously Variable Transaxle (CVT) fluid****Specified fluid**

Use a CVT fluid SUZUKI CVT FLUID GREEN-2.

**Fluid level check****NOTICE**

Driving with too much or too little fluid can damage the transaxle.

You must check the fluid level with the CVT fluid at normal operating temperature.

To check the fluid level:

- 1) To warm up the CVT fluid, drive the vehicle for more than 5 km (3 miles).
- 2) Then drive for ten more minutes.

**NOTICE**

Be sure to use the specified CVT fluid. Using CVT fluid other than SUZUKI CVT FLUID GREEN-2 may damage the CVT of your vehicle.

## INSPECTION AND MAINTENANCE

### NOTE:

*Do not check the fluid level if you have just driven the vehicle for a long time at high speed, or if you have driven in city traffic in hot weather. Wait until the fluid cools down (about 30 minutes), or the fluid level indication will not be correct.*

- 3) Park your vehicle on level ground.
- 4) Apply the parking brake and then start the engine in "P" (Park). Let it idle for two minutes and keep it running during the fluid level check.
- 5) With your foot on the brake pedal, move the gearshift lever through each gear position, pausing for about three seconds in each position. Then move it back to "P" (Park) position.

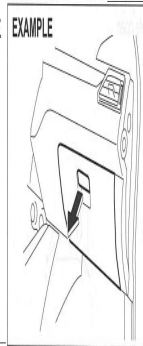
### A WARNING

**Be sure to depress the brake pedal when moving the gearshift lever, or the vehicle can move suddenly.**



52RM70300

### EXAMPLE



81PN159

### EXAMPLE



52RM70260

- (1) FULL HOT
- (2) LOW HOT
- (3) The lowest point = Fluid level

- 6) The handle of the CVT fluid dipstick is colored orange for easy identification. Remove the dipstick, wipe the oil off with a clean cloth and push it back in until the cap seats. Then pull out the dipstick.
- 7) Check both sides of the dipstick, and read the lowest level. The fluid level should be between the two marks in "H" (hot) range on the dipstick.

### NOTICE

**After checking or adding oil, be sure to insert the dipstick securely.**

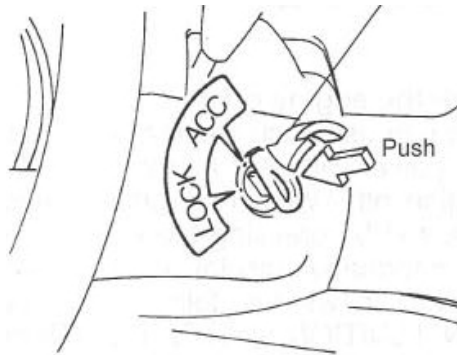
## Deterioration checking or changing

### oil

Since special procedures, materials and tools are required to check the deterioration of CVT oil or change, ask an authorized SUZUKI dealer for this job.

## Brakes

### Brake fluid



Check the brake fluid level by looking at the reservoir in the engine compartment. Check that the fluid level is between "MAX" and "MIN" lines.

#### NOT/CE

If your brake fluid level is near the "MIN" line, there is a possibility of brake pad and/or shoe wear and brake fluid leakage. Consult with your authorized SUZUKI dealer regarding this possibility before filling the reservoir.

#### NOTE:

SUZUKI highly recommends the use of ECSTAR brand brake fluid. ECSTAR has been specially formulated for your SUZUKI product and contributes to the desired vehicle performance and ideal driving experience.

#### A WARNING

Failure to follow the guidelines below can result in personal injury or serious damage to the brake system.

- If the brake fluid in the reservoir drops below a certain level, the brake warning light on the instrument cluster will come on (the engine must be running with the parking brake fully disengaged). Should the light come on, immediately ask an authorized SUZUKI dealer to inspect the brake system.
- A rapid fluid loss indicates leakage in the brake system which should be inspected by an authorized SUZUKI dealer immediately.
- Do not use any fluid other than DOT3 or SAEJ1703 brake fluid. Do not use reclaimed fluid or fluid that has been stored in old or open containers. It is essential that foreign particles and other liquids are kept out of the brake fluid reservoir.

## A CAUTION

Brake fluid can harm your eyes and damage painted surfaces. Be careful when refilling the reservoir.

## A. WARNING

Brake fluid is harmful or fatal if swallowed, and harmful if it comes in contact with skin or eyes. If swallowed, do not induce vomiting. Immediately contact a poison control center or a physician. If brake fluid gets in eyes, flush eyes with water and seek medical attention. Wash thoroughly after handling. Solution can be poisonous to animals. Keep out of reach of children and animals.

### NOTE:

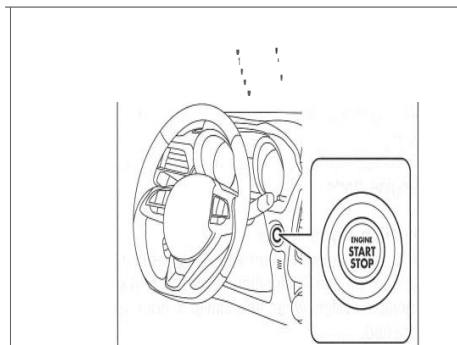
*The fluid level can be expected to gradually fall as the brake pad and/or shoe wear.*

*Brake fluid absorbs water over time and brake fluid with high water content may cause vapor lock or brake system malfunction.*

*Replace your brake fluid in accordance with the maintenance schedule in your Owner's Manual.*

## Brake pedal

Check brake pedal stroke. If the stroke is so large, have the brake system inspected by an authorized SUZUKI dealer. If you doubt the brake pedal is at its normal height, check it as follows:



54G108

Minimum distance between brake pedal and floor carpet "a"

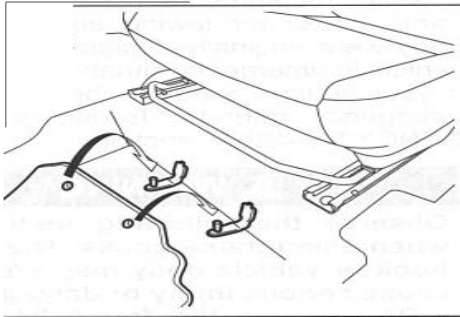
LHD	MT	68 mm (2.7 in.)
	AT CVT	59 mm (2.3 in.)
RHD		53 mm (2.1 in.)

With the engine running, measure the distance between the brake pedal and floor carpet when the pedal is depressed with approximately 30 kg (66 lbs) of force. The minimum distance required is as specified. Since your vehicle's brake system is self-adjusting, there is no need for pedal adjustment.

If the pedal to floor carpet distance as measured above is less than the minimum distance required, have your vehicle inspected by an authorized SUZUKI dealer.

### NOTE:

- When measuring the distance between the brake pedal and floor carpet, be sure not to include the floor mat or rubber on the floor carpet in your measurement.
- Measure the distance at the brake pedal's side facing toward the driver's door.



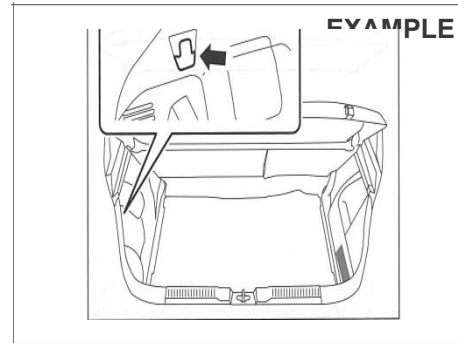
52RM70500

### ⚠ WARNING

If you experience any of the following problems with your vehicle's brake system have the vehicle inspected immediately by an authorized SUZUKI dealer.

- Poor braking performance
- Uneven braking (brakes not working uniformly on all wheels.)
- Excessive pedal travel
- Brake dragging
- Excessive noise

## Parking brake



54G109

**Ratchet tooth specification "b":**  
 4th - 9th  
**Lever pull force (1):**  
 200 N (20 kg 45 lbs)

Check the parking brake for proper adjustment by counting the number of clicks made by the ratchet teeth as you slowly pull up on the parking brake lever to the point of full engagement. The parking brake lever should stop between the specified ratchet teeth and the rear wheels should be securely locked. If the parking brake is not properly adjusted or the brakes drag is suspected even after the lever has been fully released, have the parking brake inspected and/or adjusted by an authorized SUZUKI dealer.

## Brake discs and brake drums

### Brake disc

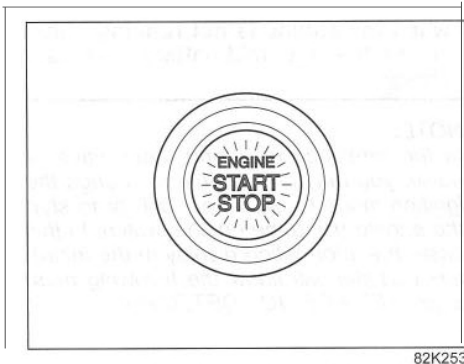
Brake location	Minimum thickness
Front wheels	18.0 mm (0.7 in.)
Rearwheels (if equipped)	8.0 mm (0.3 in.)

### Brake drum

Brake location	Maximum inner diameter	
Rear wheels (if equipped)	2WD	181 mm (7.13 in.)
	4WD	222 mm (8.74 in.)

If the measured thickness or inner diameter of the most worn part falls below or exceeds the value indicated above, the parts should be replaced with a new one. The measurement involves disassembling each brake and requires the use of a micrometer or caliper, which must be done according to the instructions described in the relevant service manual or available from the relevant repair information site.

### Steering wheel

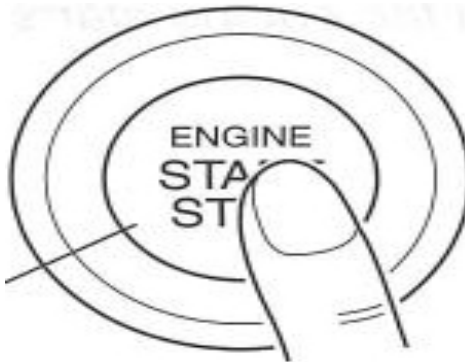


**Steering wheel play "e":**  
**0- 30 mm (0.0 -1.2 in.)**

Check the free play of the steering wheel by gently turning it from left to right and measuring the distance that it moves before you feel slight resistance. The play should be between the specified values.

Check that the steering wheel turns easily and smoothly without rattling by turning it all the way to the right and to the left while driving very slowly in an open area. If the amount of free play is not as specified or you find anything else to be wrong, an inspection must be performed by an authorized SUZUKI dealer.

### Tires



The front and rear tire pressure specifications are listed in the tire information label. Both front and rear tires should have the specified tire pressure.

#### NOTE:

*The tire inflation pressure will change due to changes in atmospheric pressure, temperature or tire temperature when driving. To reduce the chance that the low tire pressure warning light will come on due to normal changes in temperature and atmospheric pressure, it is important to check and adjust the tire pressures when the tires are cold. If you check tires after driving, they are warm. Even if the tire pressure seems to be good in this condition, it could fall below the specified pressure*

*when tires cool down. Also, tires that are inflated to the specified pressure in a warm garage may have pressure below the specification when the vehicle is driven outside in very cold temperature. If you adjust the tire pressure in a garage that is warmer than the outside temperature, you should add 1 kPa to the recommended cold tire inflation pressure for every 0.8°C difference between garage temperature and outside temperature.*

## Tire inspection

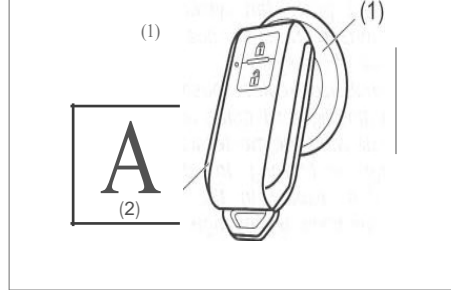
Inspect your vehicle's tires at least once a month or before long trip by performing the following checks:

- 1) Measure the air pressure with a tire gauge. Adjust the pressure if necessary. Remember to check the spare tire, too.

### A WARNING

- Air pressures should be checked when the tires are cold or you may get inaccurate readings.
- Check the inflation pressure from time to time while inflating the tire gradually, until the specified pressure is obtained.
- Never under-inflate or over-inflate the tires.  
Under-inflation can cause unusual handling characteristics or can cause the rim to slip on the tire bead, resulting in an accident or damage to the tire or rim.  
Over-inflation can cause the tire to burst, resulting in personal injury.  
Over-inflation can also cause unusual handling characteristics which may result in an accident.

### EXAMPLE



54GI36

- (1) Tread wear indicator
  - (2) Indicator location mark
- 2) Check that the depth of the tread groove is more than 1.6 mm (0.06 in.). To help you check this, the tires have molded-in tread wear indicators in the grooves. When the indicators appear on the tread surface, the remaining depth of the tread is 1.6 mm (0.06 in.) or less and the tire should be replaced.
  - 3) Check for abnormal wear, cracks and damage. Any tires with cracks or other damages should be replaced. If any tires show abnormal wear, have them inspected by an authorized SUZUKI dealer.

### A CAUTION

Hitting curbs and running over rocks can damage tires and affect wheel alignment. Have tires and wheel alignment checked periodically by an authorized SUZUKI dealer.

- 4) Check for loose wheel nuts.
- 5) Check that there are no nails, stones or other objects sticking into the tires.

### A WARNING

- Your SUZUKI vehicle is equipped with tires which are all the same type and size. This is important to ensure proper steering and handling of the vehicle. Never mix tires of different size or type on the four wheels of your vehicle. The size and type of tires used should be only those approved by SUZUKI as standard or optional equipment for your vehicle.
- Replacing the wheels and tires equipped on your vehicle with certain combinations of aftermarket wheels and tires can significantly change the steering and handling characteristics of your vehicle.
- Therefore, use only those wheel and tire combinations approved by SUZUKI as standard or optional equipment for your vehicle.

## NOTICE

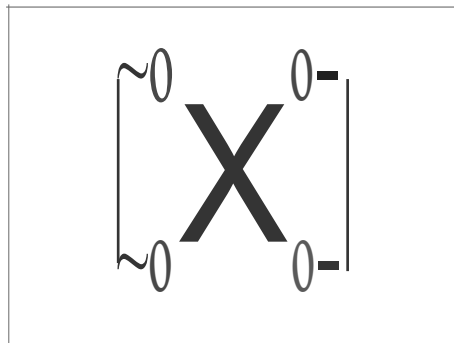
Replacing the original tires with tires of a different size may result in false speedometer or odometer readings. Check with an authorized SUZUKI dealer before purchasing replacement tires that differ in size from the original tires.

## NOTICE

For 4WD models, replacing a tire with one of a different size, or using different brands among the four tires can result in damage to the drive train.

## Tire rotation

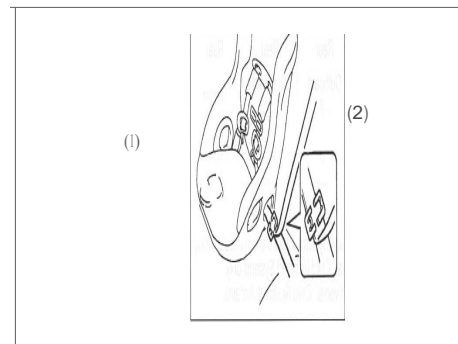
### 4-tire rotation



54G114

To avoid uneven wear of your tires and to prolong their life, rotate the tires as illustrated. Tires should be rotated every 10000 km (6000 miles). After rotation, adjust front and rear tire pressures to the specification listed in your vehicle's tire information label.

## Compact spare tire (if equipped)



54G115

- (1) Wear indicator
- (2) Indicator location mark

Your vehicle comes equipped with a compact spare tire. It is designed to save space in your storage area, and its lighter weight facilitates installing the spare tire when getting a flat tire. It is only intended for temporary emergency use, until the conventional tire can be repaired or replaced. The inflation pressure of the compact spare tire should be checked at least once a month. Use a quality pocket-type inflation pressure gauge and set at 420 kPa (60 psi). At the same time, check that the tire is stored securely. If it is not, tighten it.

Note that two or more compact spare tires should not be used on one vehicle simultaneously.

### A WARNING

The compact spare tire and wheel are intended for temporary emergency use only. Continuous use of this spare can result in tire failure and loss of control. Always observe these precautions when using this spare:

- Your vehicle should be handled in a different way when using this spare.
- Do not exceed 80 km/h (50 mph).
- Replace this spare with a standard tire and wheel as soon as possible.
- Use of this spare will reduce ground clearance.
- Recommended air pressure for this spare is 420 kPa (60 psi).
- Do not use tire chains on the compact spare. If you must use tire chains, rearrange the wheels so standard tires and wheels are fitted to the front axle.
- The compact spare tire has a much shorter tread life than the conventional tires on your vehicle. Replace the tire as soon as the tread wear indicator appears.
- When replacing the compact spare tire, use a replacement tire with the exact same size and construction.

## Battery

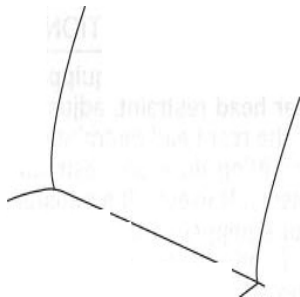
### A WARNING

- Batteries produce flammable hydrogen gas. Keep flames and sparks away from the battery or an explosion may occur. Never smoke when working near the battery.
- When checking or servicing the battery, disconnect the negative cable. Be careful not to cause a short circuit by allowing metal objects to contact the battery posts and the vehicle at the same time.
- To avoid harm to yourself or damage to your vehicle or battery, follow the jump-starting instructions in "EMERGENCY SERVICE" section if it is necessary to jump-start your vehicle.
- Diluted sulfuric acid spilled from battery can cause blindness or severe burns. Use proper eye protection and gloves. Flush eyes or body with ample water and get medical care immediately if suffered. Keep batteries out of reach of children.

### NOTICE

If your vehicle is equipped with the ENG A-STOP system, only use the vehicle battery types that have been approved by SUZUKI vehicle manufacture, otherwise you could damage your vehicle, and the ENG A-STOP system could not be available. If a vehicle battery has to be replaced, consult an authorized SUZUKI dealer.

## EXAMPLE

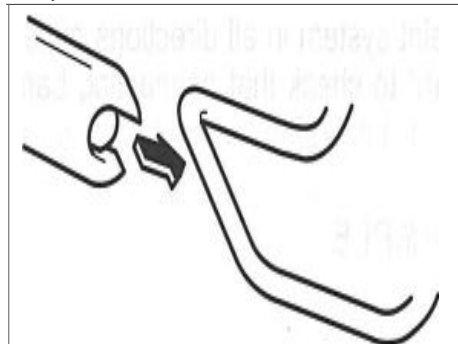


76MS006

For maintenance-free battery (cap-less type), you need not add water. For traditional type battery, which has water filler caps, the level of the battery solution must be kept between the upper level line (1) and lower level line (2) at all times. If the level is found to be below the lower level line (2), add distilled water to the upper level line (1). You should periodically check the battery, battery terminals, and battery hold-down bracket for corrosion. Remove corrosion using a stiff brush and ammonia mixed with water, or baking soda mixed with water. After removing corrosion, rinse with clean water.

If your vehicle is not going to be driven for a month or longer, disconnect the cable from the negative terminal of the battery to help prevent discharge.

## Replacement of the battery (For vehicles without ENG A-STOP system)

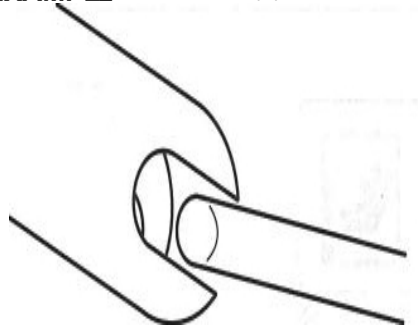


68PM00711

## (For vehicles with ENG A-STOP system)

## EXAMPLE

(1)



To remove the battery:

- 1) Disconnect the negative cable (1).
- 2) Disconnect the positive cable (2).

## For vehicles without ENG A-STOP system;

- 3) Remove the retainer nuts (3) and remove the retainer (4).

## For vehicles with ENG A-STOP system

- 3) Remove the bracket bolt (3) and remove the bracket (4).
- 4) Remove the battery.

To install the battery:

- 1) Install the battery in the reverse order of removal.
- 2) Tighten the bracket bolt and battery cables securely.

## NOTE:

*When the battery is disconnected, some of the vehicle's functions will be initialized and/or deactivated.*

*These functions must be required to reset after the battery is reconnected.*

*Do not disconnect the battery terminals for at least one minute after the ignition switch is turned off, or the engine switch is pressed to change the ignition mode to "LOCK"(OFF).*

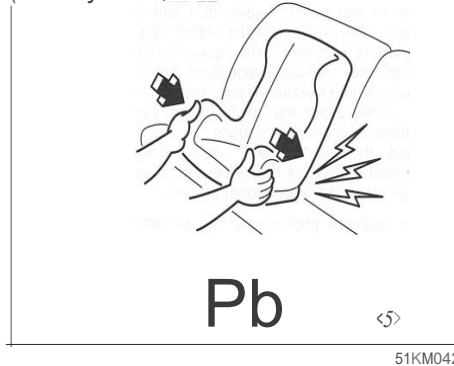
**A WARNING**

Batteries contain toxic substances including sulfuric acid and lead. They could have potential negative consequences for the environment and human health. Used batteries must be disposed of or recycled according to applicable rules or regulations and must not be disposed of with ordinary household trash. Make sure not to tip over the battery when you remove it from the vehicle. Otherwise, sulfuric acid could run out and you might get injury.

**NOTICE**

After stopping the engine, controller and system are operated for a while. Therefore, before removing the battery, wait for more than one minute after turning the ignition switch to "OFF" or changing the ignition mode to "LOCK" (OFF).

(Battery label)



- (5) Crossed-out wheeled bin symbol  
(6) Chemical symbol of "Pb"

The crossed-out wheeled bin symbol (5) located on the battery label indicates that the used battery should be collected separately from ordinary household trash. The chemical symbol of "Pb" (6) indicates the battery contains more than 0.004% lead.

By ensuring the used battery is disposed of or recycled correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate trash handling of the battery. The recycling of materials will help to conserve natural resources. For more detailed information about disposing of or recycling the used battery, consult an authorized SUZUKI dealer.

**Fuses**

Your vehicle has three types of fuses, as described below:

**Main fuse**

The main fuse takes current directly from the lead-acid battery.

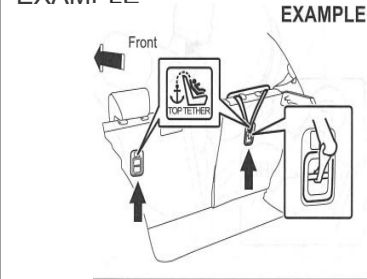
**Primary fuses**

These fuses are between the main fuse and individual fuses, and are for electrical load groups.

**Individual fuses**

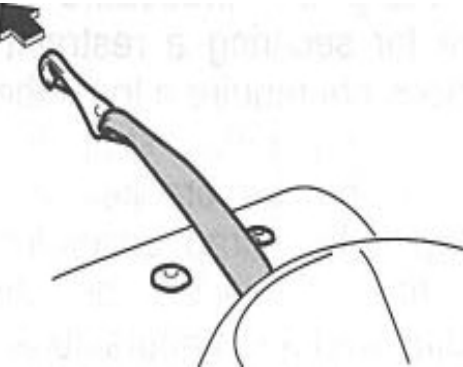
These fuses are for individual electrical circuits.

To remove a fuse, use the fuse puller provided in the fuse box cover.

**EXAMPLE**

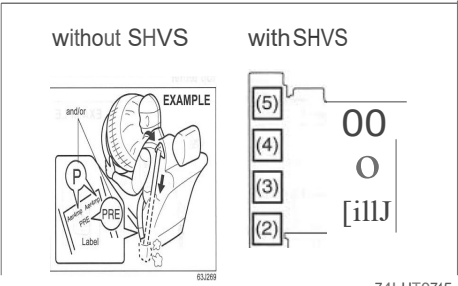
63J095

Fuses in engine compartment



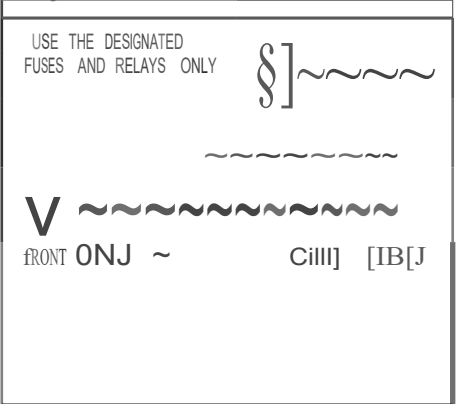
- (1) Main fuse box
- (2) Relay box
- (3) Sub relay box

Main fuse box



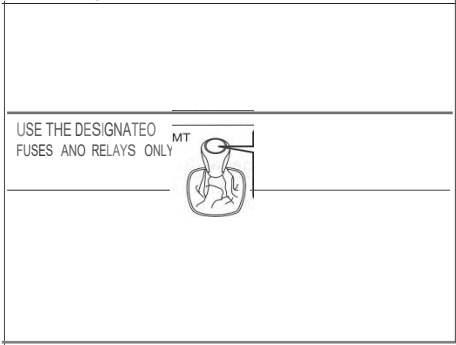
74LHT0715

Relay box



52RM70050

Sub relay box



52RM70060

MAIN FUSE / PRIMARY FUSE		
(1)	120A	FL1
(2)	100A	FL2
(3)	80A	FL3
(4)	100A	FL4
(5)	50A	FL5
(6)	150A	FL6
(7)	30A	Starting motor
(8)	30A	Blower fan
(9)	40A	Battery*3
(10)	40A	ABS motor
(11)	40A	Ignition switch
(12)	30A	8/U
(13)	30A	Sub battery*4
(14)	-	Blank
(15)	-	Blank
(16)	25A	ABS control module
(17)	15A	Headlight (Left)
(18)	15A	Headlight (Right)
(19)	-	Blank

(20)	30A	Radiator fan*1
	40A	Radiator fan*2
(21)	-	Blank
(22)	60A	Power steering
(23)	-	Blank
(24)	-	Blank
(25)	20A	Front fog light
(26)	10A	Air compressor"
(27)	50A	Ignition switch 2
(28)	15A	Transaxle -s
(29)	15A	F1
	30A	FI main*2
(30)	15A	T/M Pump*7
	20A	Fuel Pump*2
(31)	-	Blank
(32)	-	Blank
(33)	5A	Starting Signal
(34)	-	Blank

(35)	-	Blank
(36)	25A	Headlight high *3
(37)	15A	Headlight high (Right)*3
(38)	15A	Headlight high (Left)*3

*1: K12C engine models

*2: K1 OC engine models

*3: Models with Auto-on headlight system or LEO headlights

*4: Models with ENG A-STOP

*5: Models with air conditioning system

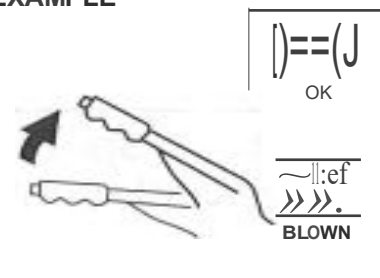
*6: Models with automatic transaxle or CVT

*7: CVT models with ENG A-STOP

The main fuse, primary fuses and some of the individual fuses are located in the engine compartment. If the main fuse blows, no electrical component will function. If a primary fuse blows, no electrical component in the corresponding load group will function. When replacing the main fuse, a primary fuse or an individual fuse, use a genuine SUZUKI replacement parts or equivalent for individual fuses.

To remove a fuse, use the fuse puller provided in the fuse box. The amperage of each fuse is shown in the back of the fuse box cover.

### EXAMPLE



60G111

### WARNING

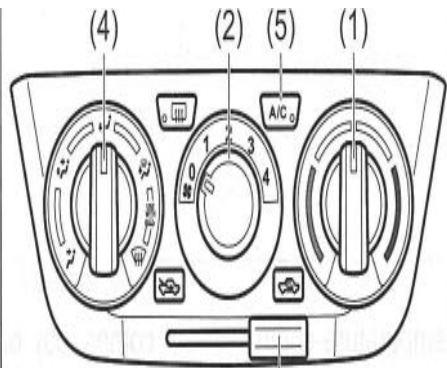
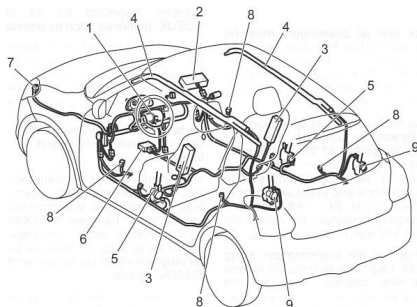
**If the main fuse or a primary fuse blows, have your vehicle inspected by an authorized SUZUKI dealer. Always use a genuine SUZUKI replacement. Never use a substitute such as a wire even for a temporary repair, or extensive electrical damage and a tire can result.**

### NOTE:

Check that the fuse box always carries spare fuses.

## Fuses under dashboard

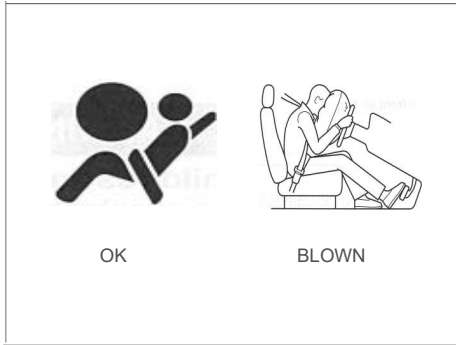
### EXAMPLE



### PRIMARY FUSE

(1)	30A	Power window
(2)	10A	Meter
(3)	15A	Ignition coil
(4)	5A	Ignition-1 signa) 2
(5)	20A	Shift lever
(6)	-	Blank
(7)	-	Blank
(8)	20A	Door lock
(9)	15A	Steering lock
(10)	10 A	Hazard
(11)	5A	A-STOP controller
(12)	10A	Rear fog lamp
(13)	5A	ABS/ESP®control module
(14)	15A	Seat heater
(15)	5A	Ignition-1 signa! 3
(16)	10A	Dome light-2
(17)	5A	Dome light
(18)	15A	Radio
(19)	5A	CONT
(20)	5A	Key 2

(21)	20A	Power window timer
(22)	5A	Key
(23)	15A	Horn
(24)	5A	Tail light (Left)
(25)	10 A	Tail light
(26)	10A	Air bag
(27)	10A	Ignition-1 signa)
(28)	10A	Back-up light
(29)	5A	ACC-3
(30)	20A	Rear defogger
(31)	10A	Heated mirror
(32)	15A	ACC-2
(33)	5A	ACC
(34)	10 A	Rear wiper
(35)	5A	Ignition-2 signa!
(36)	15A	Washer
(37)	25A	Front wiper
(38)	10 A	Stop light



81A283

**A. WARNING**

Always replace a blown fuse with a fuse of the correct amperage. Never use a substitute such as aluminum foil or wire to replace a blown fuse. If you replace a fuse and the new one blows in a short period of time, you may have a major electrical problem. Have your vehicle inspected immediately by an authorized SUZUKI dealer.

**Headlight aiming**

Since special procedures are required, ask an authorized SUZUKI dealer for this job.

**Bulb replacement****A. CAUTION**

- Light bulbs can be hot enough to burn your finger right after turning off lights. This is true especially for halogen headlight bulbs. Replace the bulbs after they become cool enough.
- The headlight bulbs are filled with pressurized halogen gas. They can burst and injure you if they are hit or dropped. Handle them carefully.
- To avoid injury by sharp-edged parts of the body, wear gloves and a long-sleeved shirt when replacing light bulbs.

**NOTICE**

The oils from your skin may cause a halogen bulb to overheat and burst when the lights are on. Grasp a new bulb with a clean cloth.

**NOT/CE**

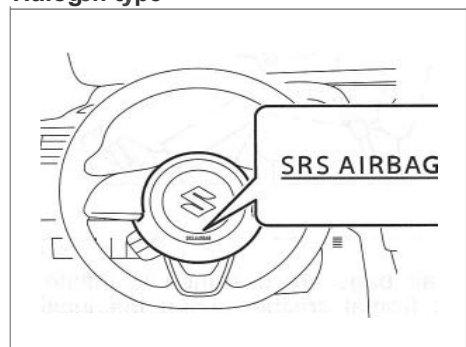
Frequent bulb replacement indicates the need for an inspection of the electrical system. This should be carried out by an authorized SUZUKI dealer.

### Headlights

~Dfy~

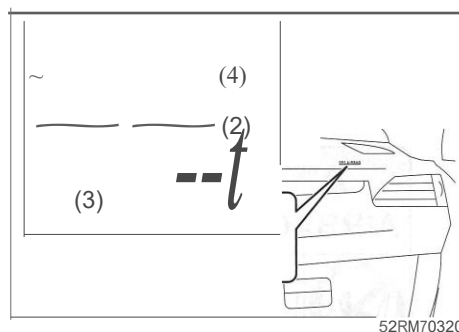
Since special procedures are required, it is recommended that you take your vehicle to an authorized SUZUKI dealer for bulb replacement.

#### Halogen type



52RM70220

(1) Bulb

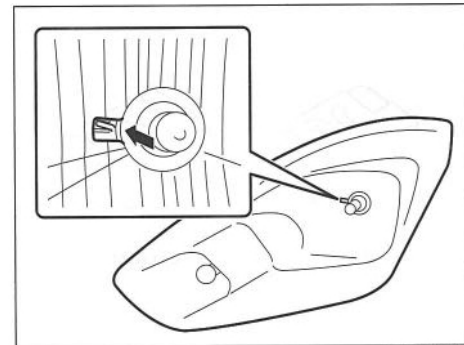


52RM70320

- 1) Open the engine hood while the engine is stopped. Disconnect the coupler (2). Remove the sealing rubber (3) by pulling the grip (4).



- 2) Push the retaining spring (5) forward and unhook it. Then remove the bulb. Install a new bulb in the reverse order of removal.



52RM70230

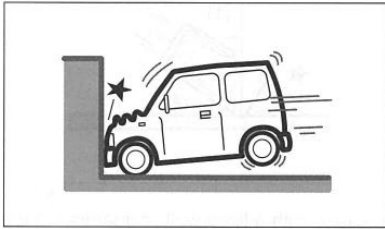
**NOTE:**

You can see the position of retaining spring from the hole of headlight.

### Front turn signal light and front position light

For LEO position light (if equipped), it is recommended that you take your vehicle to an authorized SUZUKI dealer for bulb replacement since special procedures are required.

### Vehicle with the halogen headlights



52RM70240

- (1) Front turn signal light
- (2) Front position light (if equipped)

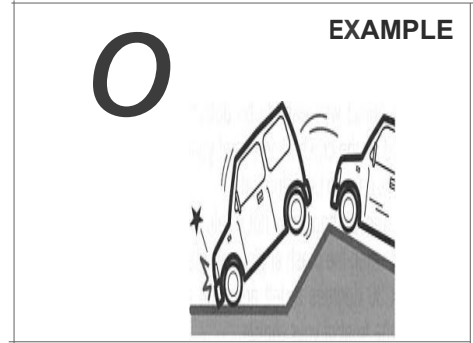
### Vehicle with the LED headlights



52RM70140

- (1) Front turn signal light

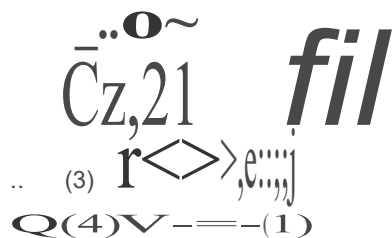
### EXAMPLE



68PH00732

- 1) Open the engine hood while the engine is stopped. To remove the bulb holder of the front turn signal light or the front position light from the light housing, turn the holder counterclockwise and pull it out.

## EXAMPLE ~



68PM00721

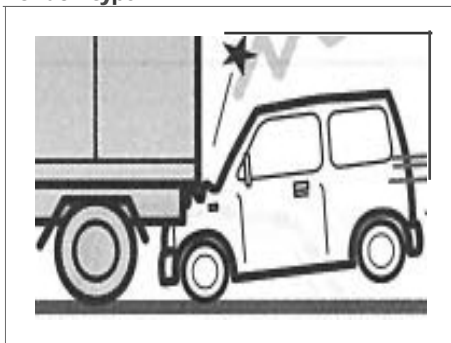
- (3) Removal
- (4) Installation
- 2) To remove the bulb of the front turn signal light (1) from the bulb holder, push in the bulb and turn it counterclockwise. To install a new bulb, push it in and turn it clockwise.  
To remove and install the bulb of the front position light (2), simply pull out or push in the bulb.

## Side turn signal light

### Outside rearview mirror type

LEO is used. It is recommended that you take your vehicle to an authorized SUZUKI dealer for bulb replacement since special procedures are required.

### Fender type

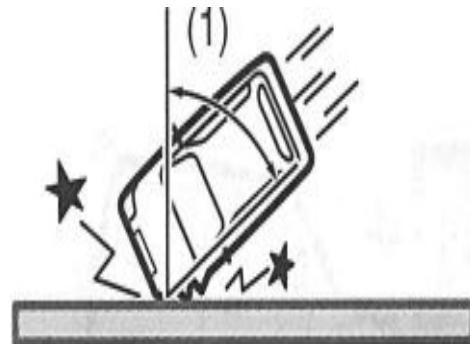


64J195

Since the bulb is built-in type, replace it as the light assembly. Remove the light assembly by sliding the light housing leftward with your finger.

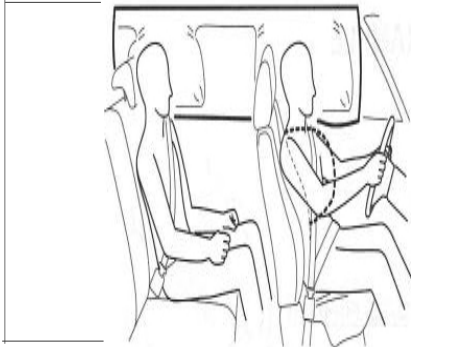
## Frontfog light (if equipped)

- 1) Start the engine. Turn the steering wheel to the opposite side of the fog light to be replaced to replace the bulb easily. Then turn off the engine.



52RM70150

- 2) Remove the clip (1) and screws (2) at the bottom of bumper.  
For removing the clip, use a flat blade screwdriver as show in the illustration.



52RM70250

- 3) Open the end of the cover inside the tender.



52R70140

- 4) Disconnect the coupler (3) by pushing the lock release. Turn the bulb holder (4) counterclockwise and remove it.

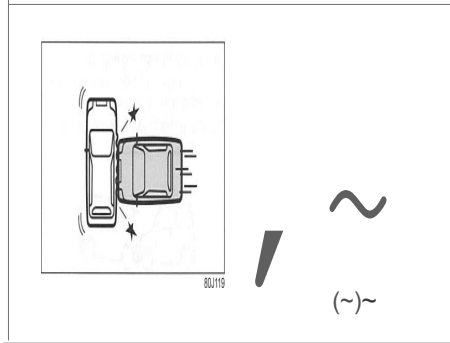
## Daytime running light

### LED type

Since special procedures are required, it is recommended that you take your vehicle to an authorized SUZUKI dealer for bulb replacement.

### Bulbtype

- 1) Perform step 1) to 3) of "Front fog light (if equipped)" in this section.

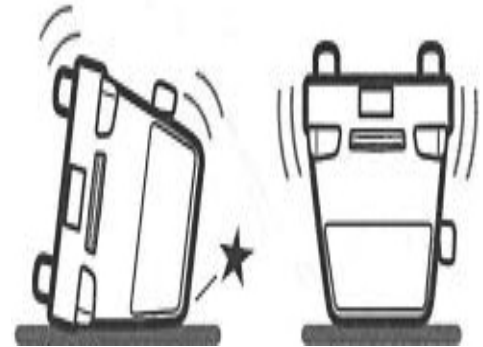


52RM70340

- 2) Disconnect the coupler (1) from the bulb holder (2) by pushing the lock release. Then, turn the bulb holder counterclockwise and remove it from the light case (3).

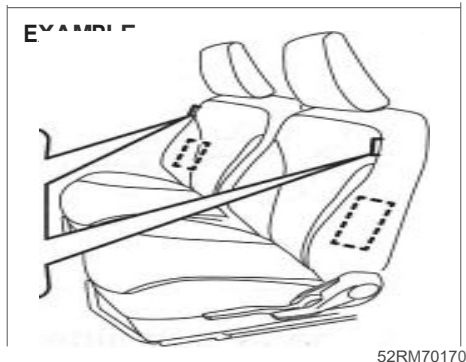
## Rear combination light

For LEO tail / brake light (if equipped), it is recommended that you take your vehicle to an authorized SUZUKI dealer for bulb replacement since special procedures are required.

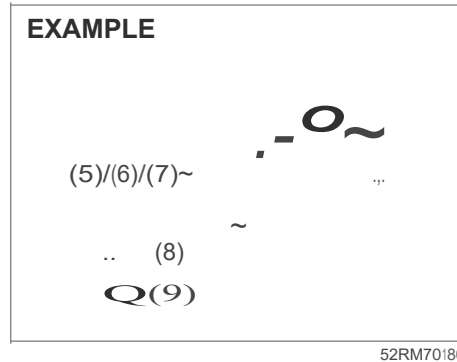


52RM70160

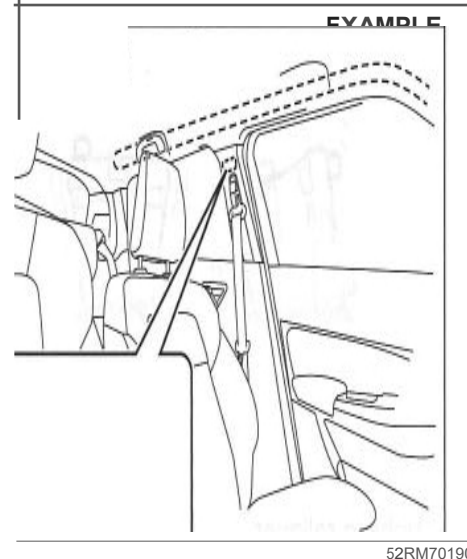
- 1) With the tailgate opened, remove the bolts (1) and pull the light housing (2) firmly to the rearward.



- 2) Remove the wire (3) from a clamp (4).
- 3) To remove the bulb holder of the bulb type tail/brake light (5) (if equipped), the rear turn signal light (6) or the reversing light (7) from the light housing, turn the holder counterclockwise and pull it out.



- (8) Removal
- (9) Installation
- 4) To remove and install the bulb of the bulb type tail/brake light (5) (if equipped), the rear turn signal light (6) or the reversing light (7), simply pull out or push in the bulb.



**NOTE:**  
When reinstalling the light housing check that the clips are properly attached.'

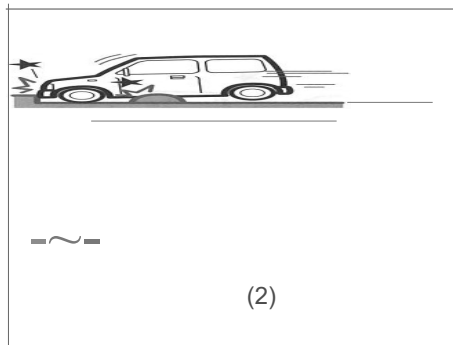
## License plate light



80J100E

52RM70070

- 1) Remove the cover (1) by turning it counterclockwise.



76MHOA126

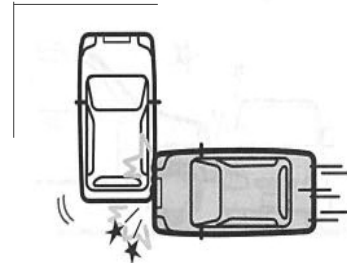
(2)

- 2) To remove and install the bulb of the license plate light (2), simply pull out or push in the bulb.

## High-mountstoplight

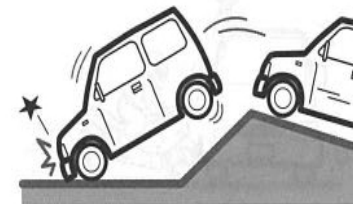
LEO is used. It is recommended that you take your vehicle to an authorized SUZUKI dealer for bulb replacement since special procedures are required.

## Rear fog light



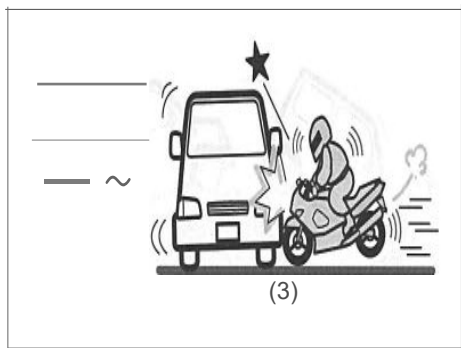
52RM70350

- 1) Remove the clips (1) in rear bumper by using a flat blade screwdriver as shown in the illustration.

80J101  
52RM70360

## INSPECTION AND MAINTENANCE

- 2) Turn rear bumper by hand as shown in the illustration and remove harness clamp (2).



- 3) Remove the nuts (3) and then push rear fog light housing rearward.



- 4) Turn the bulb holder counterclockwise and pull it out.

### EXAMPLE

f>>~

~(4)

.(5)

Q(6)

61MMOB084

- (5) Removal  
(6) Instal

- 5) To remove the bulb of the rear fog light (4) from bulb holder, push in the bulb and turn it counterclockwise. To install a new bulb, push it in and turn it clockwise.

## Interior light

Remove the lens by using a flat-bladed screwdriver covered with a soft cloth as shown. To install it, simply push it back in.

### Front



## Luggage compartment (if equipped)



52RM70281

## Wiperblades



54G582

54G129

If the wiper blades become brittle or damaged, or make streaks when wiping, replace the wiper blades.

To install new wiper blades, follow the procedures below.

### NOTICE

**To avoid scratching or breaking the window do not let the wiper arm strike the window while replacing the wiper blade.**

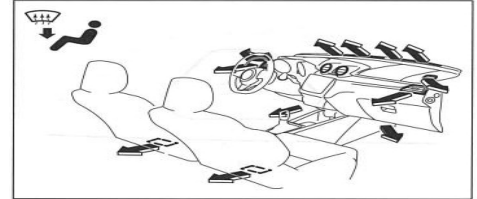
### NOTE:

*Some wiper blades may be different from the ones described here depending on vehicle specifications. If so, consult an authorized SUZUKI dealer for proper replacement method.*

### For windshild wipers:

### EXAMPLE

#### HEAT & DEFROST (f)

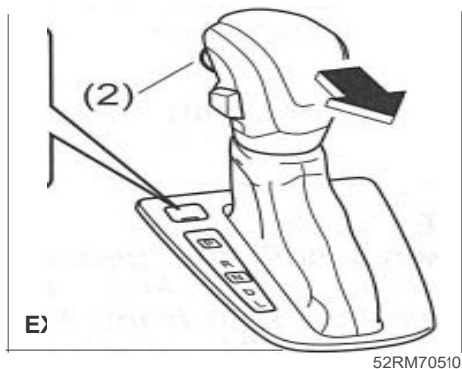


52RM70390.

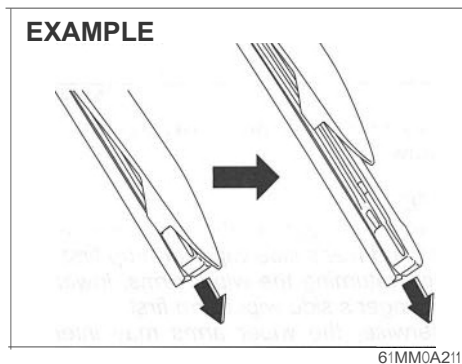
- 1) Hold the wiper arm away from the window.

### NOTE:

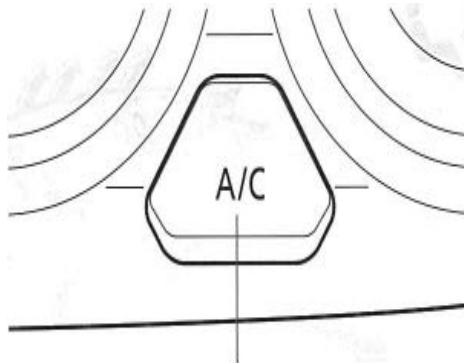
*When raising both of the front wiper arms, pull the driver's side wiper arm up first. When returning the wiper arms, lower the passenger's side wiper arm first. Otherwise, the wiper arms may interfere with each other.*



- 2) Open the lock (1), slide the wiper frame and remove it from the arm (2) as shown.



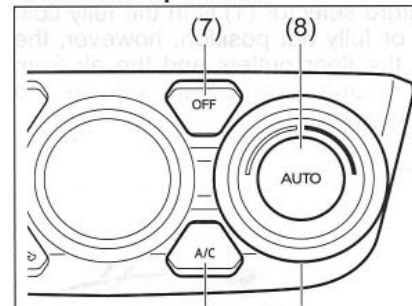
- 3) Pull the locked end of the wiper blade firmly to unlock the blade and slide the blade out as shown.



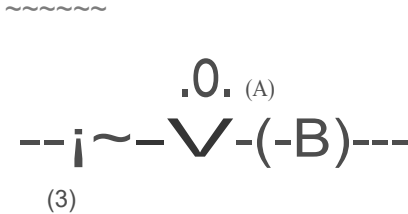
- (3) Retainer

- 4) If the new blade is provided without the two metal retainers (3), move them from the old blade to the new one.

## Automatic operation



## EXAMPLE



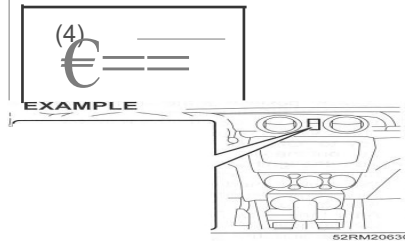
61MMA212

- (A) Up
- (B) Down

### NOTE:

When you install the metal retainers (3), make sure the direction of metal retainers as shown in the above illustrations.

## EXAMPLE



61MMA213

- (4) Locked end

- 5) Install the new blade in the reverse order of removal, with the locked end (4) positioned toward the wiper arm. Make sure the blade is properly retained by all the hooks. Lock the blade end into place.
- 6) Reinstall wiper frame to arm, making sure that the lock lever is snapped securely into the arm.

## For rear wiper:

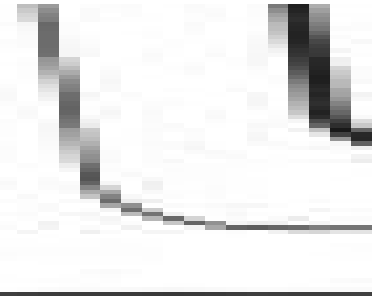
## EXAMPLE



52RM70460

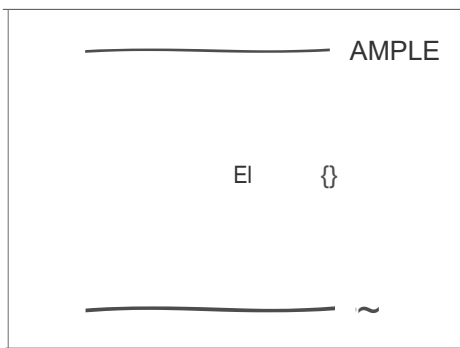
- 1) Hold the wiper arm away from the window.

## EXAMPLE



52RM70490

- 2) Remove the wiper frame from the wiper arm after rotating the wiper frame clockwise.

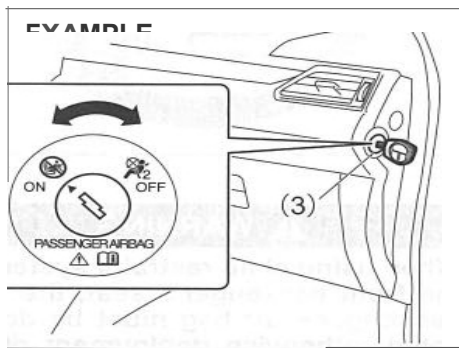


52RM70470

3) Slide the blade out as shown.

**NOTE:**

*Do not flex the wiper blade frame end more than necessary. If you do, it can break off*

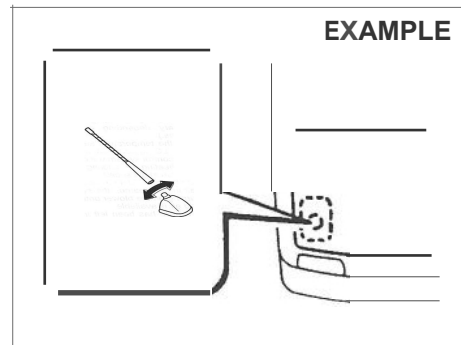


52RM70480

(1) Retainer

- 4) If the new blade is provided without the two metal retainers, move them from the old blade to the new one.
- 5) Install the new blade in the reverse order of removal.  
Check that the blade is properly retained by all the hooks.
- 6) Reinstall wiper frame to arm in the reverse order of removal.

## Windshield washer fluid



80JM078

Check that there is washer fluid in the tank. Refill it if necessary. Use a good quality windshield washer fluid, diluted with water as necessary.

**NOTE:**

*SUZUKI highly recommends the use of ECSTAR brand windshield washer fluid. ECSTAR has been specially formulated for your SUZUKI product and contributes to the desired vehicle performance and ideal driving experience.*

**A WARNING**

**Do not use radiator antifreeze in the windshield washer reservoir. This can severely impair visibility when sprayed on the windshield, and also can damage your vehicle's paint.**

**NOTICE**

**Damage may result if the washer motor is operated with no fluid in the washertank**

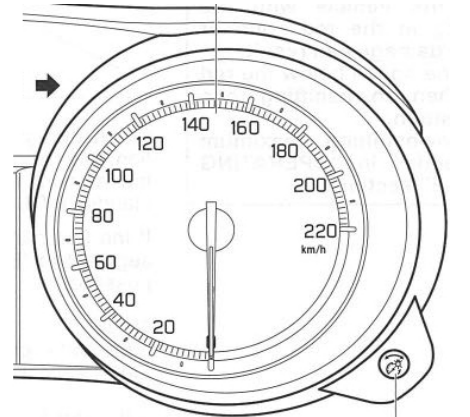
## Air conditioning system

If you do not use the air conditioner for a long period, such as during winter, it may not give the best performance when you start using it again. To help maintain optimum performance and durability of your air conditioner, it needs to be run periodically. Operate the air conditioner at least once a month for one minute with the engine idling. This circulates the refrigerant and oil and helps protect the internal components.

## Air conditioner filter replacement (if equipped)

Since special procedures are required, ask an authorized SUZUKI dealer for this job.

- 1) To approach the air conditioner filter, remove the glove box by pressing both sides of the glove box inward and pulling it out.

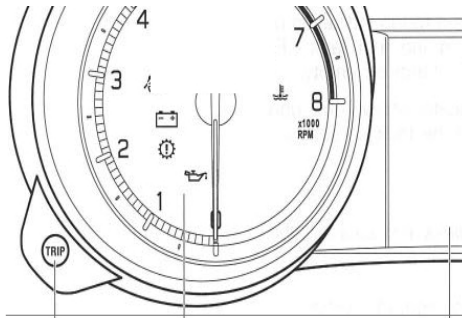


52RM70210

- 2) Remove the cover (1) and pull out the air conditioner filter (2).

**NOTE:**

When you install a new filter, check that the UP mark (3) faces upward.



52RM70200

**MEMO**

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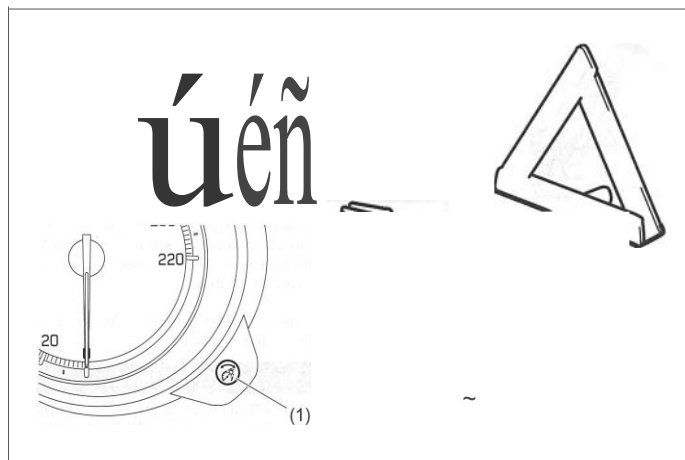
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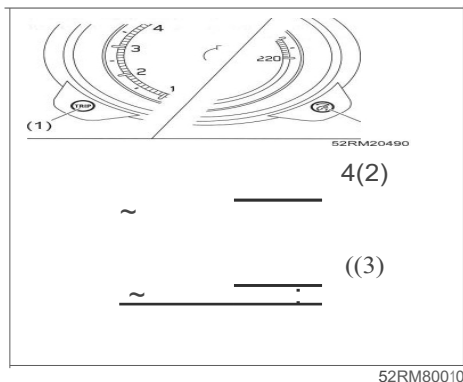
## EMERGENCY SERVICE



60G411

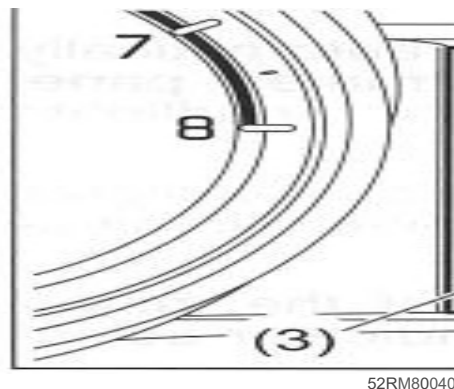
Tire changing tool	8-1
Jacking instructions	8-2
Flat tire repair kit (if equipped)	8-6
Jump-starting instructions	8-10
Towing	8-11
Engine trouble: Starter does not operate	8-13
Engine trouble: Does not start	8-13
Engine trouble: Overheating	8-13

## Tire changing tool



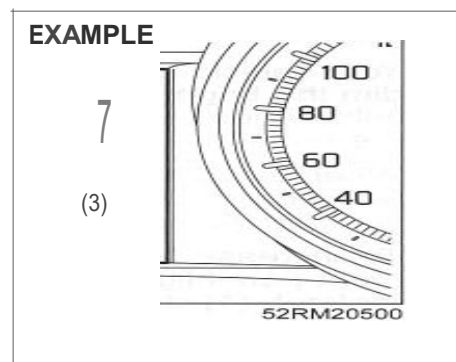
- (1) Jack (if equipped)
- (2) Jack handle
- (3) Wheel wrench

The tire changing tools are stowed in the luggage compartment. Refer to "LUGGAGE COMPARTMENT" in "ILLUSTRATED TABLE OF CONTENTS" section.



To remove the jack (if equipped) (1), turn its shaft counterclockwise by using jack handle (2) and pull the jack out of the storage bracket.

### EXAMPLE



### NOTE:

If you are difficult to use the jack handle (2), use jack handle and wheel wrench (3) as shown in the illustration.

To stow the jack, place it in the storage bracket and turn the shaft clockwise until the jack is securely held in place.

### A WARNING

After using the tire changing tools, stow them securely or they can cause injury if an accident occurs.

### A CAUTION

The jack (if equipped) should be used only to change wheels. It is important to read the jacking instructions in this section before attempting to use the jack.

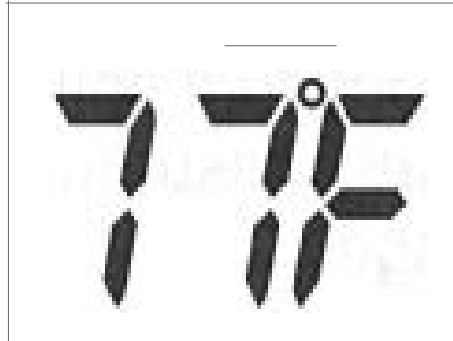
EXAMPLE



68PM20801

To remove the spare tire (if equipped), turn its bolt (4) counterclockwise and remove it.

## Jacking instructions



75F062

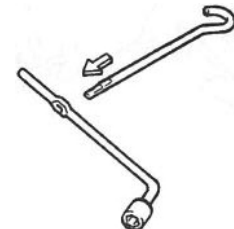
- 1) Place the vehicle on level, hard ground.
- 2) Set the parking brake firmly and shift into "P" (Park) if your vehicle has an automatic transaxle or CVT, or shift into "R" (Reverse) if your vehicle has a manual transaxle.

## A WARNING

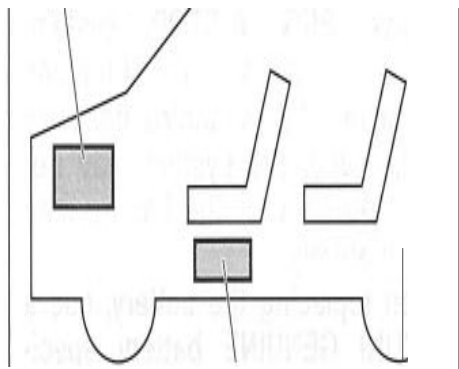
- Shift into "P" (Park) for an automatic transaxle or CVT, or into "R" (Reverse) for a manual transaxle vehicle when you jack up the vehicle.
- Never jack up the vehicle with the transaxle in "N" (Neutral). Otherwise, unstable jack may cause an accident.

- 3) Turn on the hazard warning switch if your vehicle is near traffic.
- 4) Block the front and rear of the wheel diagonally opposite of the wheel being lifted.
- 5) Place the spare tire (if equipped) near the wheel being lifted as shown in the illustration in case the jack (if equipped) slips.

EXAMPLE



54G253

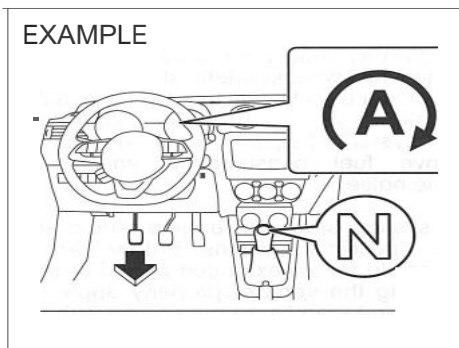


52RM80020

- 6) Position the jack (if equipped) at an angle as shown in the illustration and raise the jack by turning the jack handle clockwise until the jack-head groove fits around the jacking bar beneath the vehicle body.
- 7) Continue to raise the jack (if equipped) slowly and smoothly until the tire clears the ground. Do not raise the vehicle more than necessary.

### A WARNING

- Use the jack (if equipped) only to change wheels on level, hard ground.
- Never jack up the vehicle on an inclined surface.
- Never raise the vehicle with the jack in a location other than the specified jacking point (shown in the illustration) near the wheel to be changed.
- Check that the jack is raised at least 25 mm (1 inch) before it contacts the flange. Use of the jack when it is within 25 mm (1 inch) of being fully collapsed may result in failure of the jack.
- Never get under the vehicle when it is supported by the jack.
- Never run the engine when the vehicle is supported by the jack and never allow passengers to remain in the vehicle.

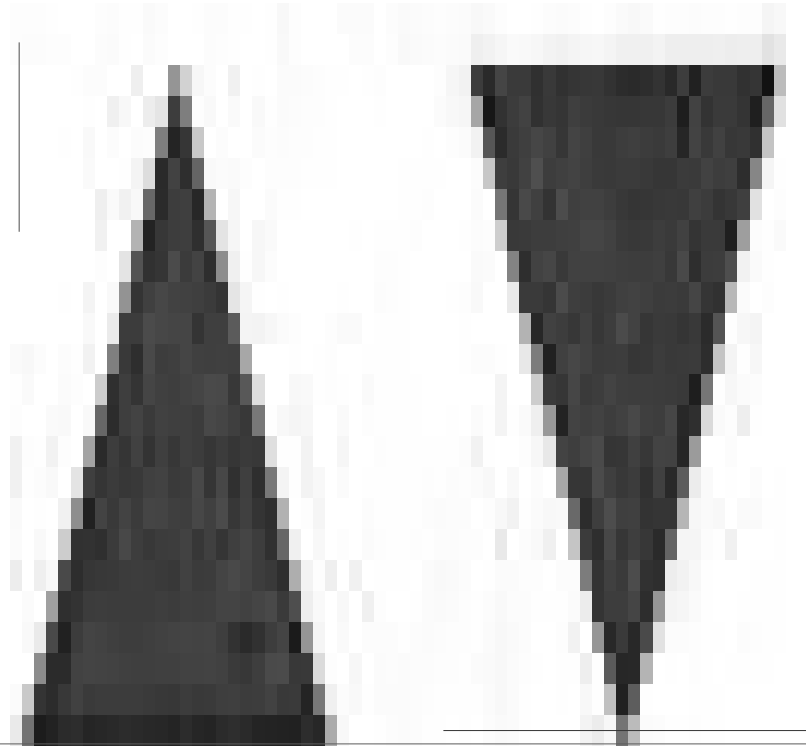


52RM80030

### Raising vehicle with garage jack

- Apply the garage jack to one of the points indicated below.
- Always support the raised vehicle with jack stands (commercially available) at the points indicated below.

#### EXAMPLE



52RM80060

- (1) Front
- (2) Rear
- (3) Jack stand

- (4) Garage jack
- (5) Jacking point for garage jack

## NOTICE

Never apply a garage jack to the exhaust pipe, side under spoiler (if equipped), engine undercover (if equipped), rear torsion beam, rear differential (if equipped) or rear differential mount (if equipped).

## NOTE:

For more details, contact an authorized SUZUKI dealer.

## Changing wheels

To change a wheel, use the following procedure:

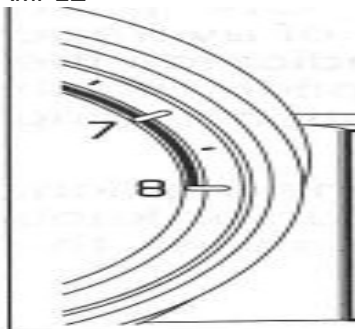
- 1) Prepare the jack (if equipped), tools and spare tire (if equipped).
- 2) Loosen, but do not remove the wheel nuts.
- 3) Jack up the vehicle (follow the jacking instructions in this section).

## A WARNING

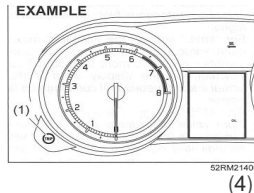
- Shift into "P" (Park) for an automatic transaxle or CVT, or into "R" (Reverse) for a manual transaxle vehicle when you jack up the vehicle.
- Never jack up the vehicle with the transaxle in "N" (Neutral). Otherwise, unstable jack may cause an accident.

- 4) Remove the wheel nuts and wheel.

## EXAMPLE



## EXAMPLE

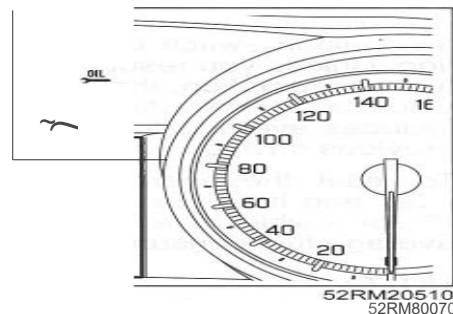


ssJ4033

- 5) Clean any mud or dirt off from the surface of the wheel (1), hub (2), thread part (3) and surface of the wheel nuts (4) with a clean cloth. Clean the hub carefully; it may be hot from driving.

- 6) Install the new wheel and replace the wheel nuts with their cone shaped end facing the wheel. Tighten each nut snugly by hand until the wheel is securely seated on the hub.

## EXAMPLE

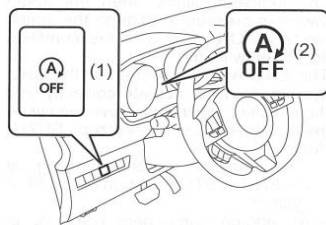


Tightening torque for wheel nut  
100 Nm (10.2 kg-m, 74.0 lb-ft)

- 7) Lower the jack and fully tighten the nuts with a wheel wrench in numerical order as shown in the illustration.

**A WARNING**

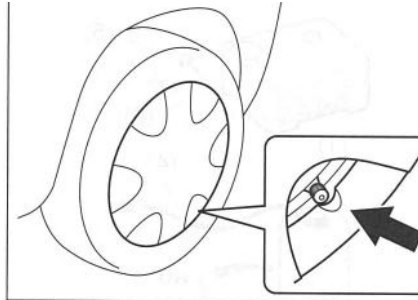
Use genuine wheel nuts and tighten them to the specified torque as soon as possible after changing wheels. Incorrect wheel nuts or improperly tightened wheel nuts may come loose or fall off, which can result in an accident. If you do not have a torque wrench, have the wheel nut torque checked by an authorized SUZUKI dealer.

**Full wheel cover (if equipped)****EXAMPLE**

52RM30170

52RM80080

Remove the full wheel cover by using jack handle (1) covered with a soft cloth (2), as shown in the illustration.

**EXAMPLE**

52RM80090

Install the full wheel cover not to cover or foul the air valve.

**Flat tire repair kit (if equipped)**

The flat tire repair kit is stowed in the luggage compartment.

Refer to "LUGGAGE COMPARTMENT" in "ILLUSTRATED TABLE OF CONTENTS" section.

**A WARNING**

Failure to follow the instructions in this section for using the flat tire repair kit can result in an increased risk of loss of control and an accident.

Carefully read and follow the instructions in this section.

## EMERGENCY SERVICE

### IMPORTANT

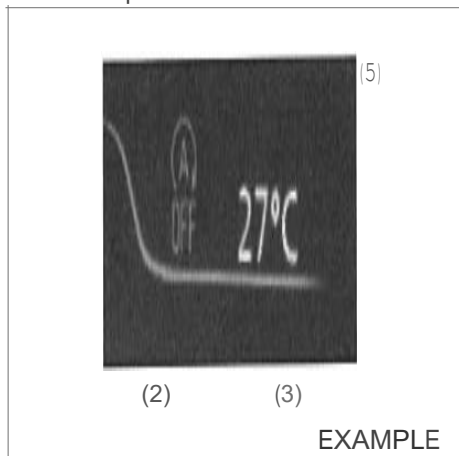
The flat tire repair kit cannot be used in the following cases. Consult an authorized SUZUKI dealer or a roadside assistance service.

- Cuts or piercing in the tire tread larger than approx. 4 mm.
- Cuts in the tire side wall.
- Tire damage caused by driving with considerably reduced tire pressure or even with deflated tire.
- The tire bead completely dislocated from the rim.
- The rim damaged.

Small punctures in the tire tread, caused by a nail or a screw, can be sealed with the flat tire repair kit.

Do not remove nails or screws from the tire during an emergency repair to avoid the air being released from the enlarged opening.

### Flat tire repair kit contents



- (1) Air compressor
- (2) Sealant bottle
- (3) Speed restriction sticker  
(with sealant bottle)
- (4) Filler hose
- (5) Power plug
- (6) Air hose

### A WARNING

Flat tire repair kit sealant is harmful if swallowed, or if it comes in contact with skin or eyes. If swallowed, do not induce vomiting. Give plenty of water (if possible charcoal slurry) and seek medical attention immediately. If sealant gets in eyes, flush eyes with water and seek medical attention. Wash thoroughly after handling. Solution can be poisonous to animals. Keep out of the reach of children and animals.

### NOTICE

Replace the sealant before expiry date indicated on the label of the sealant bottle. To purchase new sealant, see an authorized SUZUKI dealer.

## Emergency repair

- 1) Place the vehicle on level, hard ground. Set the parking brake firmly and shift into "P" (Park) if your vehicle has an automatic transaxle or CVT, or shift into "R" (Reverse) if your vehicle has a manual transaxle. Turn on the hazard warning switch if your vehicle is near traffic. Block the front and rear of the wheel diagonally opposite of the wheel being repaired.
- 2) Take out the sealant bottle and the compressor.
- 3) Screw the bottle into the socket of the compressor.
- 4) Remove the valve cap from the tire valve.
- 5) Connect the filler hose of the sealant bottle to the tire valve.
- 6) Connect the power plug of the compressor to the accessory socket located in the instrument panel. Start the engine. Switch on the compressor. Inflate the tire to the required air pressure which is indicated in the tire information placard.



- (1) Tire valve
- (2) Filler hose
- (3) Compressor
- (4) Power plug

### NOT/CE

**Do not operate the compressor for longer than 10 minutes. It can cause overheating of the compressor.**

If the tire cannot be inflated to the required air pressure within 5 minutes, move the vehicle a few meters back and forth to spread the sealant over the entire tire. Then, inflate the tire again.

If the tire still cannot be inflated to the required air pressure, the tire may be severely damaged. In this case, the flat tire repair kit cannot provide the necessary

seal. Consult an authorized SUZUKI dealer or roadside assistance service.

### NOTE:

*If the tire is over-inflated, deflate air by loosening the filler hose.*

- 7) Switch off the compressor. Pull out the power plug from the accessory socket.
- 8) Disconnect the filler hose of the sealant bottle from the tire valve.
- 9) Push the release button on the side and detach the sealant bottle.



- (5) Release button

- 10) Affix the speed restriction label from the sealant bottle in the driver's field of view.
- 11) Make a short drive immediately after inflating the tire to the required air pressure. Drive carefully with a maximum speed of 80 km/h (50 mph).
- 12) Carry on driving carefully to the nearest authorized SUZUKI dealer or a tire repair shop.

### A WARNING

Do not affix the speed restriction label to the air bag. Also do not affix it to the warning light indicator or to the speedometer.

- 13) After driving for up to 10 minutes, check the tire pressure with the pressure gauge of the compressor. If the air pressure indicates more than 200 kPa (2.0 bar), the emergency repair is completed. But, if the air pressure indicates less than the required air pressure, correct the tire pressure to the required air pressure. If the tire pressure has dropped below 130 kPa (1.3 bar), the flat tire repair kit cannot provide the necessary seal. Do not use the tire and consult an authorized SUZUKI dealer or a roadside assistance service.

### A WARNING

Check the tire pressure and confirm the completion of the emergency repair after driving for up to 10 minutes.

### NOTICE

Have the tire renewed at the nearest authorized SUZUKI dealer. When reusing the sealed tire, consult a tire repair shop. The wheel can be reused after wiping sealant off completely with cloth in order to prevent rust, but the tire valve and tire pressure monitoring system (TPMS) sensor must be renewed.

Dispose of the sealant bottle at an authorized SUZUKI dealer or in accordance with your regional codes and practices. After using the sealant bottle, replace it with a new bottle from an authorized SUZUKI dealer.

## Using compressor to inflate a tire

- 1) Place the vehicle on level, hard ground. Set the parking brake firmly and shift into "P" (Park) if your vehicle has an automatic transaxle or CVT, or shift into "R" (Reverse) if your vehicle has a manual transaxle.
- 2) Take out the compressor.
- 3) Remove the valve cap from the tire valve.
- 4) Connect the air hose of the compressor to the tire valve.
- 5) Connect the power plug of the compressor to the accessory socket located in the instrument panel. Start the engine. Switch on the compressor. Inflate the tire to the required air pressure which is indicated in the tire information placard.

### NOTICE

Do not operate the compressor for longer than 10 minutes. It can cause overheating of the compressor.

## Jump-starting instructions

### A. WARNING

- Never attempt to jump-start your vehicle if the lead-acid battery appears to be frozen. Batteries in this condition may explode.
- When making jump lead connections, check that your hands and the jump leads remain clear from pulleys, belts or fans.
- Lead-acid batteries produce flammable hydrogen gas. Keep flames and sparks away from the battery or an explosion may occur. Never smoke when working near the battery.
- If the booster battery you use for jump-starting is installed in another vehicle, check that the two vehicles are not touching each other.
- If your lead-acid battery discharges repeatedly, for no apparent reason, have your vehicle inspected by an authorized SUZUKI dealer.
- To avoid harm to yourself or damage to your vehicle or battery, follow the jump-starting instructions below.

If you are in doubt, call for qualified road service.

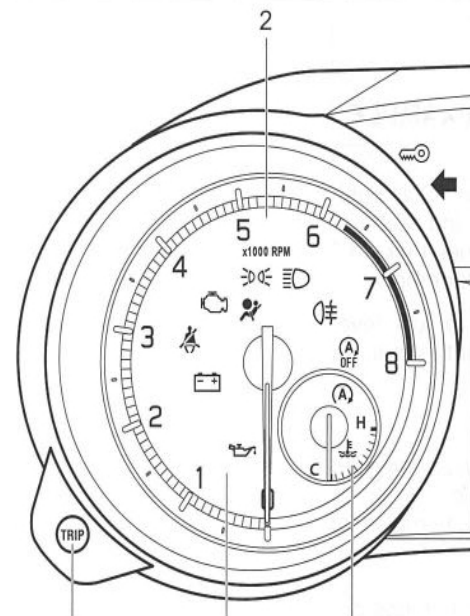
### NOTICE

Your vehicle should not be started by pushing or towing. This starting method could result in permanent damage to the catalytic converter. Use jump leads to start a vehicle with a weak or flat battery.

- 1) Use only a 12-volt lead-acid battery to jump-start your vehicle. Position the good 12-volt lead-acid battery close to your vehicle so that the jump leads will reach both batteries. When using a battery installed on another vehicle, check that two vehicles do not touch each other. Set the parking brakes fully on both vehicles.
- 2) Turn off all vehicle accessories, except those necessary for safety reasons (for example, headlights or hazard lights).

K10C engine models

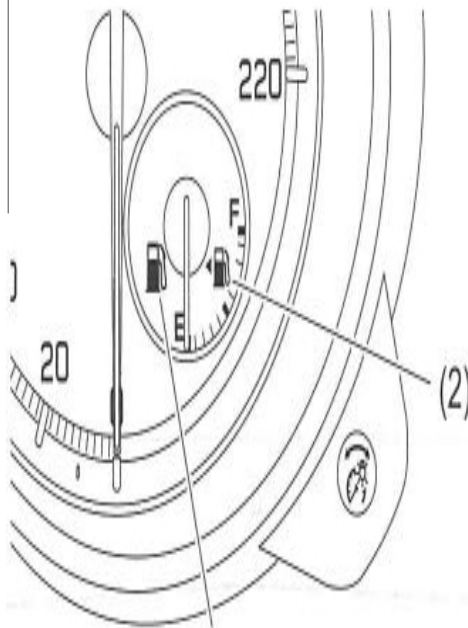
### EXAMPLE



52RM80100

### K12C engine models

#### EXAMPLE



52RM80110

#### 3) Connect jump leads as follows:

1. Connect one end of the first jump lead to the positive (+) terminal of the discharged battery (1).
2. Connect the other end to the positive (+) terminal of the booster battery (2).

3. Connect one end of the second jump lead to the negative (-) terminal of the booster battery (2).
4. Make the final connection to an unpainted, heavy metal part (i.e. engine mount bolt (3)) of the engine of the vehicle with the discharged battery (1).

#### A WARNING

Never connect the jump lead directly to the negative (-) terminal of the discharged battery, or an explosion may occur.

#### A CAUTION

Connect the jump lead to the engine mount bolt securely. If the jump lead disconnects from the engine mount bolt because of vibration at the start of the engine, the jump lead could be caught in the drive belts.

- 4) If the booster battery you are using is fitted to another vehicle, start the engine of the vehicle with the booster battery. Run the engine at moderate speed.
- 5) Start the engine of the vehicle with the discharged battery.
- 6) Remove the jump leads in the exact reverse order in which you connected them.

## Towing

If you need to have your vehicle towed, contact a professional service. An authorized SUZUKI dealer can provide you with detailed towing instructions.

#### A WARNING

For vehicles equipped with the radar brake support or dual sensor brake support, if your vehicle is towed with the engine on, press radar brake support OFF switch or dual sensor brake support OFF switch and turn off the radar brake support or dual sensor brake support. If not, unexpected accidents related to the system being turned on may occur.

#### NOTICE

Observe the following instructions when towing your vehicle.

- To help avoid damage to your vehicle during towing, proper equipment and towing procedures must be used.
- Using the frame hook, tow your vehicle on paved roads for short distances at low speed.

### 2-wheel drive(2WD) automatic transaxle or CVT

Automatic transaxle or CVT vehicles may be towed using either of the following methods.

- 1) From the front, with the front wheels lifted and the rear wheels on the ground. Before towing, make sure that the parking brake is released.
- 2) From the rear, with the rear wheels lifted and a dolly under the front wheels.

#### **NOTICE**

**Towing your vehicle with the front wheels on the ground can result in damage to the automatic transaxle or CVT.**

### 2-wheel drive (2WD) manual transaxle

Manual transaxle vehicles may be towed using either of the following methods.

- 1) From the front, with the front wheels lifted and the rear wheels on the ground. Before towing, check that the parking brake is released.
- 2) From the rear, with the rear wheels lifted and the front wheels on the ground, provided the steering and drivetrain are in operational condition. Before towing, check that transaxle is in neutral, the steering wheel is unlocked (vehicle without keyless push start system - the ignition key should be in "ACC" position) (vehicle with keyless push start system - the ignition mode is "ACC"), and the steering wheel is secured with a clamping device designed for towing service.

#### **NOTICE**

**The steering column is not strong enough to withstand shocks transmitted from the front wheels during towing. Always unlock the steering wheel before towing.**

### 4-wheel drive (4WD)

Your vehicle should be towed under one of the following conditions:

- 1) With all four wheels on a flat-bed truck.
- 2) With the front or rear wheels lifted and a dolly under the other wheels.

## Engine trouble: Starter does not operate

- 1) Try turning the ignition switch to "START" position or try pressing the engine switch to change the ignition mode to "START" with the headlights turned on to determine the lead-acid battery condition. If the headlights go excessively dim or go off, it usually means that either the lead-acid battery is discharged or the battery terminal contact is poor. Recharge the lead-acid battery or correct battery terminal contact as necessary.
- 2) If the headlights remain bright, check the fuses. If the reason for failure of the starter is not obvious, there may be a major electrical problem. Have the vehicle inspected by an authorized SUZUKI dealer.

## Engine trouble Does not start

Make sure that your vehicle has enough fuel and battery.

If the engine does not start under very cold condition, press the accelerator pedal all the way to the floor and hold it while cranking the engine.

Refer to "Starting engine (vehicle without keyless push start system) (if equipped)" or "Starting engine (vehicle with keyless push start system) (if equipped)" in operating your vehicle section.

If the engine still does not start have your vehicle inspected at an authorized SUZUKI dealer.

- Do not operate the starter motor for more than 12 seconds.

(Vehicle with keyless push start system)

### NOTE:

*If the engine refuses to start, the starter motor automatically stops after a certain period of time. After the starter motor has automatically stopped or if there is anything abnormal in the engine starting system, the starter motor runs only while the engine switch is held pressed.*

## Engine trouble: Overheating

The engine could overheat temporarily under severe driving conditions. If the high engine coolant temperature warning light comes on as overheating or the engine coolant temperature gauge indicates overheating during driving:

- 1) Turn off the air conditioner, if equipped.
- 2) Take the vehicle to a safe place and park.
- 3) Run the engine at a normal idle speed for a few minutes until the high engine coolant temperature warning light goes off or the indicator is within the normal, acceptable temperature range between "H" and "C".

### A WARNING

If you see or hear escaping steam, stop the vehicle in a safe place and immediately turn off the engine to cool it. Do not open the hood when steam is present. When the steam can no longer be seen or heard, open the hood to see if the coolant is still boiling. If it is, you must wait until it stops boiling before you proceed.

If the high engine coolant temperature warning light does not go off or the temperature indication does not come down to within the normal, acceptable range:

- 1) Turn off the engine and check that the water pump belt and pulleys are not damaged or slipping. If any abnormality is found, correct it.
- 2) Check the coolant level in the reservoir. If it is found to be lower than "LOW" line, check radiator, water pump, radiator hoses and heater hoses for leakage. If leakage that may cause overheating is found, do not run the engine until these problems have been corrected.
- 3) If leakage is not found, carefully add coolant to the reservoir and then the radiator, if necessary. (Refer to "Engine coolant" in "INSPECTION AND MAINTENANCE" section.)

**NOTE:**

*If engine overheats and you are not sure what to do, contact an authorized SUZUKI dealer.*



**A WARNING**

- It is hazardous to remove the radiator cap when the water temperature is high, because scalding fluid and steam may be blown out under pressure. The cap should only be taken off when the coolant temperature has lowered
- To help prevent personal injury, keep hands, tools and clothing away from the engine cooling fan and air-conditioner fan (if equipped). These electric fans can automatically turn on without warning

MEMO

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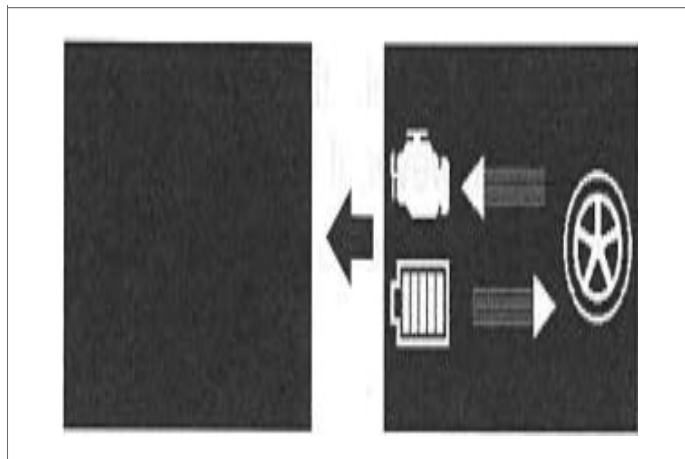
# APPEARANCECARE

Corrosion prevention

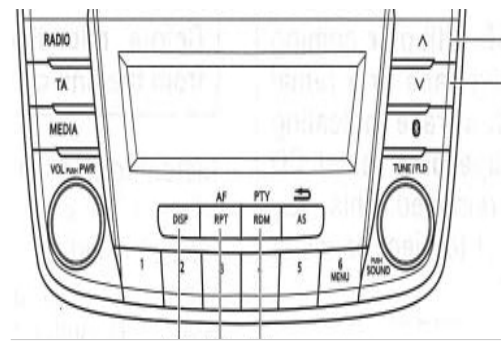
9-1

Vehicle cleaning

9-2



60G4I2



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### Corrosion prevention

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It is important to take good care of your vehicle to protect it from corrosion. Listed below are instructions for how to maintain your vehicle to prevent corrosion. Please read and follow these instructions carefully.

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#### Important information about corrosion

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##### Common causes of corrosion

- 1) Accumulation of road salt, dirt, moisture or chemicals in hard-to-reach areas of the vehicle underbody or frame.
- 2) Chipping, scratches and any damage to treated or painted metal surfaces resulting from minor accidents or abrasion by stones and gravel.

##### Environmental conditions which accelerate corrosion

- 1) Road salt, dust control chemicals, sea breeze or industrial pollution will all accelerate the corrosion of metal.
- 2) High humidity will increase the rate of corrosion particularly when the temperature range is just above the freezing point.
- 3) Moisture in certain areas of a vehicle for an extended period of time may promote corrosion even though other body sections may be completely dry.

- 4) High temperatures will cause an accelerated rate of corrosion to parts of the vehicle which are not well-ventilated to permit quick drying.

This information illustrates the necessity of keeping your vehicle (particularly the underbody) as clean and dry as possible. It is equally important to repair any damage to the paint or protective coatings as soon as possible.

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#### How to help prevent corrosion

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##### Wash your vehicle frequently

The best way to preserve the finish on your vehicle and to help avoid corrosion is to keep it clean with frequent washing.

Wash your vehicle at least once during the winter and once immediately after the winter. Keep your vehicle, particularly the underside, as clean and dry as possible.

If you frequently drive on salted roads your vehicle should be washed at least once a month during the winter. If you live near the ocean, your vehicle should be washed at least once a month throughout the year.

For washing instructions, refer to "Vehicle cleaning" section.

##### Remove foreign material deposits

Foreign materials such as salts, chemicals, road oil or tar, tree sap, bird droppings and industrial fall-out may damage the finish of your vehicle if it is left on painted surfaces. Remove these types of deposits as quickly as possible. If these deposits are difficult to wash off, an additional cleaner may be required. Check that any cleaner you use is not harmful to painted surfaces and is specifically intended for your purposes. Follow the manufacturer's directions when using these special cleaners.

##### Repair finish damage

Carefully examine your vehicle for damage to the painted surfaces. Should you find any chips or scratches in the paint, touch them up immediately to prevent corrosion from starting. If the chips or scratches have gone through to the bare metal have a qualified body shop make the repair.

##### Keep passenger and luggage compartments clean

Moisture, dirt or mud can accumulate under the floor mats and may cause corrosion. Occasionally, check under these mats to ensure that this area is clean and dry. More frequent checks are necessary if the vehicle is used for off-road driving or in wet weather.

Certain cargos such as chemicals, fertilizers, cleaners, salts, etc. are extremely corrosive by nature. These products should be transported in sealed containers. If they

are spilled or leaked, clean and dry the area immediately.

Park your vehicle in a dry, well-ventilated area

Do not park your vehicle in a damp, poorly-ventilated area. If you often wash your vehicle in the garage and place it there in wet condition, your garage may be damp. The high humidity in the garage may cause or accelerate corrosion. A wet vehicle may corrode even in a heated garage if the ventilation is poor.

## A WARNING

Do not apply additional undercoating or rust preventive coating on or around exhaust system components such as the catalytic converter and exhaust pipes. A fire could be started if the undercoating substance becomes overheated.

## Vehicle cleaning



76G044S

## A WARNING

When cleaning the interior or exterior of the vehicle, do not use flammable solvents such as lacquer thinners, gasoline and benzene. Also, do not use cleaning materials such as bleaches and strong household detergents. The materials could cause personal injury or damage to the vehicle.

## A WARNING

On models equipped with ENG A-STOP system or SHVS, there is a lithium-ion battery under the front left side seat. Do not allow the battery to get wet. Otherwise, it may cause a fire or electric shock or damage to the battery.

## Cleaning interior

### Vinyl upholstery

Prepare a solution of soap or mild detergent dissolved in warm water. Apply the solution to the vinyl with a sponge or soft cloth and let it soak for a few minutes to loosen dirt.

Rub the surface with a clean, damp cloth to remove dirt and the soap solution. If some dirt still remains on the surface, repeat this procedure.

### Fabric upholstery

Remove loose dirt with a vacuum cleaner. Using a mild soap solution, rub stained areas with a clean damp cloth. To remove soap, rub the areas again with a cloth dampened with water. Repeat this until the stain is removed, or use a commercial fabric cleaner for tougher stains. If you use a fabric cleaner, carefully follow the manufacturer's instructions and precautions.

## APPEARANCE CARE

### Leather upholstery

Remove loose dirt with a vacuum cleaner. Using a mild soap or saddle soap solution, wipe dirt off with a clean damp soft cloth. To remove soap, wipe the areas again with a soft cloth dampened with water. Wipe the areas dry with a soft dry cloth. Repeat this until the dirt or stain is removed, or use a commercial leather cleaner for tougher dirt or stains. If you use a leather cleaner, carefully follow the manufacturer's instructions and precautions. Do not use solvent type cleaners or abrasive cleaners.

#### NOTE:

- *In order to keep leather upholstery looking good, it should be cleaned at least twice a year.*
- *If leather upholstery becomes wet immediately wipe it dry with tissue paper or a soft cloth. Water may cause leather to harden and shrink if it is not wiped off.*
- *When parking on sunny days, select a shady place or use a sunshade. If leather upholstery is exposed to direct sunlight for a long time, it may discolor and shrink.*
- *As is common with natural materials, leather is inherently irregular in grain and cowhide has spots in its natural state. These do not affect the performance of the leather in any way.*

### Seat belts

Clean seat belts with a mild soap and water. Do not use bleach or dye on the belts. They may weaken the fabric in the belts.

### Vinyl floor mats

Ordinary dirt can be removed from vinyl with water or mild soap. Use a brush to help loosen dirt. After the dirt is loosened, rinse the mat thoroughly with water and dry it in the shade.

### Carpets

Remove dirt and soil as much as possible with a vacuum cleaner. Using a mild soap solution, rub stained areas with a clean damp cloth. To remove soap, rub the areas again with a cloth dampened with water. Repeat this until the stain is removed, or use a commercial carpet cleaner for tougher stains. If you use a carpet cleaner, carefully follow the manufacturer's instructions and precautions.

### Instrument panel and console

Remove loose dirt with a vacuum cleaner. Gently wipe dirt off with a tightly squeezed damp clean cloth. Repeat this until the dirt is removed.

### NOT/CE

Do not use chemical products that contain silicon to wipe electrical components such as the air conditioning system, audio, navigation system, or other switches. These will cause damage to the components.

## Cleaning exterior

### NOTICE

It is important that your vehicle be kept clean and free from dirt. Failure to keep your vehicle clean may result in fading of the paint or corrosion to various parts of the vehicle body.

## Caring for aluminum wheels

#### NOTE:

- *Do not use an acidic or alkaline detergent, or a cleaner containing petroleum solvent to wash aluminum wheels. These types of cleaner will cause permanent spots, discoloration and cracks on finished surfaces and damage to center caps.*
- *Do not use a bristle brush and soap containing an abrasive material. These will damage finished surfaces.*

## Washing

### A WARNING

- Never attempt to wash and wax your vehicle with the engine running.
- When cleaning the underside of the body and tender, where there may be sharp-edged parts, wear gloves and a long-sleeved shirt to protect your hands and arms from being cut.
- After washing your vehicle, carefully test the brakes before driving to check that they have maintained their normal effectiveness.

## Washing by hand



When washing the vehicle, park it in the place where direct sunlight does not fall on it as much as possible and follow the instructions below:

- 1) Flush the underside of body and wheel housings with pressurized water to remove mud and debris. Use plenty of water.

### NOTICE

When washing the vehicle:

- Avoid directing steam or hot water of more than 80°C (176°F) on plastic parts.
- To avoid damaging engine components, do not use pressurized water in the engine compartment.

- 2) Rinse the body to loosen the dirt. Remove dirt and mud from the body exterior with running water. You may use a soft sponge or brush. Do not use hard materials which can scratch the paint or plastic. Remember that the headlight covers or lenses are made of plastic in many cases.

### NOTICE

To avoid damage to the paint or plastic surface, do not wipe the dirt off without ample water. Follow the above procedure.

- 3) Wash the entire exterior with a mild detergent or car wash soap using a sponge or soft cloth. The sponge or cloth should be frequently soaked in the soap solution.

### NOTICE

When using a commercial car wash product, observe the cautions specified by the manufacturer. Never use strong household detergents or soaps.

- 4) Once the dirt has been completely removed, rinse off the detergent with running water.
- 5) Wipe off the vehicle body with a wet chamois or cloth and allow it to dry in the shade.

## APPEARANCE CARE

6) Check carefully for damage to painted surfaces. If there is any damage, touch up the damage following the procedure below:

1. Clean all damaged spots and allow them to dry.
2. Stir the paint and touch up the damaged spots lightly using a small brush.
3. Allow the paint to dry completely.

Washing by an automatic car wash

### *NOTICE*

If you use an automatic car wash, check that your vehicle's body parts, such as spoilers, cannot be damaged. If you are in doubt, consult the car wash operator for advice.

Washing by a high-pressure cleaner

### *NOTICE*

If you use a high-pressure cleaner, keep away the nozzle from your vehicle sufficiently.

- Bringing the nozzle to your vehicle too close or pointing the nozzle to the opening of front grill or bumper etc. can cause damage and malfunction of the vehicle body and parts.
- Pointing the nozzle to the weather-strip of door glasses, doors and the sunroof (if equipped) can allow water to enter the cabin.

Waxing



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After washing the vehicle, waxing and polishing are recommended to further protect and beautify the paint.

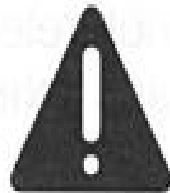
- Only use waxes and polishes of good quality.
- When using waxes and polishes, observe the precautions specified by the manufacturers.

# Master warning indicator light

## GENERAL INFORMATION

Vehicle identification  
Fuel consumption

10-1  
10-2

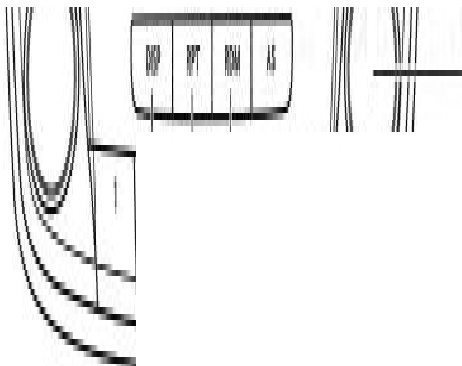
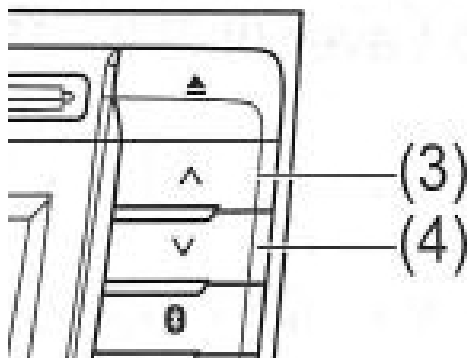
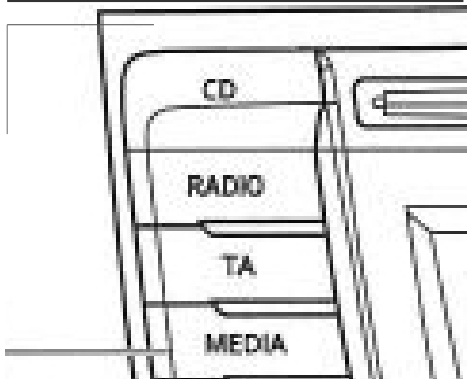


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## GENERAL INFORMATION

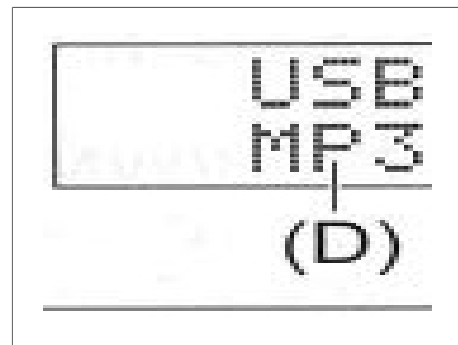
### Vehicle identification

#### Chassis serial number



The chassis and/or engine serial numbers are used to register the vehicle. They are also used to assist an authorized SUZUKI dealer when ordering or referring to special service information. Whenever you have occasion to consult an authorized SUZUKI dealer, remember to identify your vehicle with this number. Should you find the number difficult to read, you will also find it on the identification plate.

#### Engine serial number



60G/28

The engine serial number is stamped on the cylinder block as shown in the illustration.

## Fuel consumption

### Except for Israel specification

SHVS: Smart Hybrid Vehicle by Suzuki

M/T: Manual transaxle

NT: Automatic transaxle

CVT: Continuously Variable Transaxle

		K10C	K10Cwith SHVS	K12C		K12C with SHVS	
		2WD		2WD	4WD	2WD	4WD
Urban (L/100km)/CO ₂ (g/km)	M/T	5.7/128	4.8/108	5.4/122	5.9/133	4.5/103	4.9/113
	NT	6.4/145	-	-	-	-	-
	CVT	-	-	5.6/127	-	-	-
Extra-urban (L/100km)/CO ₂ (g/km)	M/T	4.0/91	4.0/91	3.7/85	4.3/98	3.7/83	4.2/95
	NT	4.3/97	-	-	-	-	-
	CVT	-	-	4.0/90	-	-	-
Combined (L/100km)/CO ₂ (g/km)	M/T	4.6/104	4.3/97	4.3/98	4.9/110	4.0/90	4.5/101
	NT	5.0/114	-	-	-	-	-
	CVT	-	-	4.6/103	-	-	-

#### NOTE:

As these data are obtained under certain specific conditions, actual fuel consumption of your vehicle will be different from these data.

GENERAL INFORMATION

For Israel specification

M/T: Manual transaxle  
CVT: Continuously Variable Transaxle

		K12C
		2WD
Urban (L/100km)/CO2 (g/km)	M/T	5.7/131
	CVT	5.8/132
Extra-urban (L/100km)/CO2 (g/km)	M/T	4.0/92
	CVT	4.1/94
Combined (L/100km)/CO2 (g/km)	M/T	4.6/106
	CVT	4.7/108

NOTE:  
As these data are obtained under certain specific conditions, actual fue/ consumption of your vehicle wi'l be different from these data.

# SPECIFICATIONS

NOTE:

Specifications are subject to change without notice.

SHVS: Smart Hybrid Vehicle by Suzuki

A/T: Automatic transaxle

M/T: Manual transaxle

CVT: Continuously variable transaxle

ITEM: Dimensions		UNIT: mm (in.)	
Overall length			3840 (151.2)
Overall width			1735 (68.3)
Overall height	2WD		1495 (58.9)
	4WD		1510 (59.4)
Wheelbase			2450 (96.5)
Track	175/65R15 tire	Brake disc	1535 (60.4)
		Brake drum	12wo 1530 (60.2)
		4WD	1535 (60.4)
	185/55R16 tire	Brake disc	1525 (60.0)
		Brake drum	2WD 1520 (59.8)
		4WD	1525 (60.0)
Ground clearance	2WD		120 (4.7)
	4WD		145 (5.7)

## SPECIFICATIONS

ITEM: Mass (weight)		UNIT: kg (lbs)		K10C engine model	K12C engine model	
				2WD	2WD	4WD
Curb mass (weight)	M/T	with-out SHVS	Except for Israel Spec	865 - 915 (1907 - 2017)	840- 890 (1852 -1962)	950 - 970 (2094 - 2138)
			For Israel Spec		850- 890 (1874 - 1962)	
		with SHVS		875 - 925 (1929 - 2039)	850 - 900 (1874 -1984)	960 - 980 (2116 - 2161)
	A/T		940-945 (2072 - 2083)	-	-	
	CVT		-	900 - 925 (1984 - 2039)	-	
	Gross vehicle mass (weight) rating				1380 (3042)	1365 (3009)
Permissible maximum Axle Weight			Front	750 (1653)	740 (1631)	760 (1676)
			Rear	760 (1676)	760 (1676)	790 (1742)

ITEM: Engine		
Type	K10C	K12C
Number of cylinders	3	4
Bore	73.0 mm (2.87 in.)	73.0 mm (2.87 in.)
Stroke	79.5 mm (3.13 in.)	74.2 mm (2.92 in.)
Piston displacement	998 cm ³ (998 cc, 60.9 cu.in)	1242 cm ³ (1242 cc, 75.8 cu.in)
Compression ratio	10.0: 1	12.5: 1

<b>ITEM: Electrical</b>		
Standard spark plug	K10C engine models	NGK ILZKR7D8
	K12C engine models	NGK ILZKR6F11
Lead-acid battery	without ENG A-STOP system	46824L 20HR 45Ah CCA 295A (JIS)
	with ENG A-STOP system	LN1 20HR 55Ah CCA 450A (EN)
Lithium-ion battery	with ENG A-STOP system	Maintenance free*1
Fuses	See "INSPECTION AND MAINTENANCE" section.	

*1 If the lithium-ion battery is completely discharged, the battery cannot be recharged. When replacing or disposing the lithium-ion battery, consult an authorized SUZUKI dealer.

## SPECIFICATIONS

ITEM: Lights		WATTAGE	BULB No.
Headlight	Halogen	12V 60/55W	H4
	LEO	LEO	-
Front fog light (if equipped)		12V 55W	H11
Position light (if equipped)		12V5W	W5W
Position light & Daytime running light (if equipped)		LEO	-
Daytime running light (if equipped)		12V 13W	P13W
Turn signal light	Front	12V 21W	PY21W
	Rear	12V 21W	WY21W
Side turn signal light	(on fender)	12V5W	-
	(on outside rearview mirror)	LEO	-
Tail/brake light		12V 21/5W	W21/5W
		LEO	-
High mount stop light		LEO	-
Reversing light		12V 16W	W16W
License plate light		12V5W	W5W
Rear fog light		12V 21W	P21W
Interior light	Front	12V 10W	-
	Luggage compartment (if equipped)	12V5W	-

<b>ITEM: Wheels and tires</b>	
Tire size, front and rear	175/65R15 <del>84</del> H*1, 185/55R16 83V*1
Rim size	175/65R15 tire: 15X5J 185/55R16 tire: 16X6J
Tire pressures	For the specified tire pressure, see the tire information label located on the driver's door lock pillar.
Recommended snow chain (for Europe)	Radial thickness: 10 mm, axial thickness: 10 mm
Recommended snow tire	175/65R15*2 or 185/55R16.2

*1 If you cannot prepare tires with the specified load index rate and speed symbol, prepare tires with higher load index rate and speed symbol.

*2 If you prepare snow tires;

- Check that they are tires of the same size, structure and load capacity as the originally installed tires.
- Mount the snow tires on all four wheels.
- Understand that the maximum permissible speed of snow tires is generally less than the originally installed tires.

Consult an authorized SUZUKI dealer or supplier for further information.

## SPECIFICATIONS

ITEM: Recommended fuel / lubricants and capacities (approx.)				
Fuel		See "FUEL RECOMMENDATION" section.		37 L (8.1 Imp gal)
Engine oil	K10C engine models	Classification: ACEA A1/81, A3/83, A3/84, A5/85 API SL, SM or SN ILSAC GF-3, GF-4 or GF-5 Viscosity: SAE 5W-30		2.9 L (5.1 Imp pt) (replacement with oil filter)
	K12C engine models	Classification: ACEA A1/81, A3/83, A3/84, A5/85 API SL, SM or SN ILSAC GF-3, GF-4 or GF-5 Viscosity: SAE OW-16		3.3 L (5.8 Imp pt) (replacement with oil filter)
Engine coolant	K10C engine models	M/T	"SUZUKI LLC: Super {Blue} Coolant"	4.5 L (7.9 Imp pt) (including reservoir tank)
		A/T		4.7 L (8.3 Imp pt) (including reservoir tank)
	K12C engine models	M/T		4.6 L (8.1 Imp pt) (including reservoir tank)
		CVT		4.7 L (8.3 Imp pt) (including reservoir tank)

ITEM: Recommended fuel / lubricants and capacities (approx.)				
Manual transaxle oil	K10C engine models		"SUZUKI GEAR OIL 75W"	2.6 L (4.6 Imp pt)
	K12C engine models	2WD		1.5 L (2.6 Imp pt)
		4WD		2.1 L (3.7 Imp pt)
Automatic transaxle oil			"SUZUKI AT OIL AW-1"	6.2 L (10.9 Imp pt)
CVTfluid			SUZUKI CVTF GREEN-2	5.73 L (10.1 Imp pt)
Transfer oil	4WD		"SUZUKI GEAR OIL 75W-85"	0.41 L (0.7 Imp pt)
Rear differential oil				0.45 L (0.8 Imp pt)
Brake fluid / Clutch fluid			SAE J 1703 or DOT3	Refill to the proper oil level according to the instructions in "INSPECTION AND MAINTENANCE" section.

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# MEMO

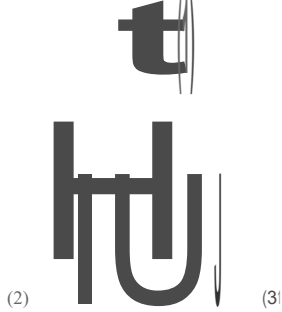
For countries applied for the revised edition since the third edition of UN Regulation No.10

Installation of Radio Frequency (RF) Transmitting Equipment

Your vehicle is conformed to the revised edition since the third edition of UN Regulation No.10.

When you intend to use RF transmitting equipment in your vehicle, we strongly recommend that you select the equipment which conforms to applicable rules or regulations in your country, and consult an authorized SUZUKI dealer or qualified service technician for advice.

Table : Installing and the use of the on-board RF transmitting equipment

Frequency bands (MHz)		Antenna position at vehicle*	Maximum output power (W)
144-146	Amateur band	 (2) (3)	50
430-440	Amateur band		50
1200-1300	Amateur band		10

- (1) Front  
(2) Antenna installation position: Front left of roof  
(3) Antenna installation position: Front right of roof

*The illustration is example of hatchback vehicle.

### Specific conditions for installation

#### *NOTE*

- 1) *Antenna cable is routed as far as possible from the vehicle electronic devices and wiring harness in the vehicle.*
- 2) *Power cable of transmitter is properly connected to lead-acid battery on the vehicle.*

<b><i>NOTICE</i></b>
----------------------

<b>Before using your vehicle, check if there is no interference to all electrical devices on your vehicle for both Standby mode and Transmitting mode of the RF transmitting equipment.</b>
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------





(E:



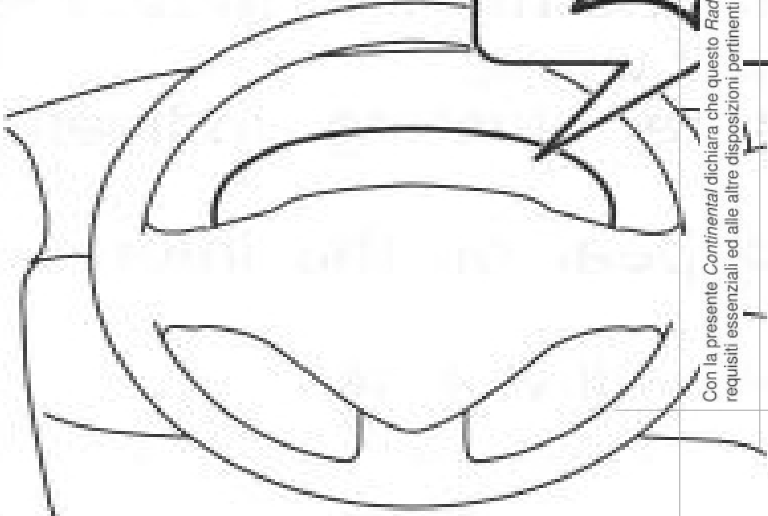
C31rnicKnsd Corp  
2-1917, Nisshin-cbo, Kiti:ku,Saitama-shi, Saitama-ken,331-8501, Japn  
TEL :+81-48-660-4073 FAX :+81-48-661-1030

[Czech]	Calsonic Kansei Coro umro prohlašuje, že K68P2/K68P4f6f6l M0/168P0 splňuje základní požadavky a všechny příslušné ustanovení Směrnice 1999/5/EC.
[Danish]	Lindertegnede Calsonic Kansei Coro erklærer herved at følgende udskrift af K68P2/K68P4f6f6l M0/168P0 overholder de væsentlige krav og er i overensstemmelse med de relevante bestemmelser i direktiv 1999/5/EC.
[German]	Hiermit erklärt Calsonic Kansei Corp., dass sich das Gerät K68P2/K68P4f6f6l M0/168P0 in Übereinstimmung mit den grundlegenden Anforderungen und den übrigen einschlägigen Bestimmungen der Richtlinie 1999/5/EG befindet.
[Estonian]	Kaesolevaga kinnitab Calsonic Kansei Corp. seadme K68P2/K68P4f6f6l M0/168P0 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele reeglitele.
[English]	Hereby, Calsonic Kansei Corp. declares that this K68P2/K68P4f6f6l M0/168P0 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
[Finnish]	Por la presente Calsonic Kansei Coro declara que este K68P2/K68P4f6f6l M0/168P0 cumple con los requisitos esenciales y otras exigencias relevantes de la Directiva 1999/5/EC.
[Greek]	ME HIN ilAPONa Calsonic Kansel Corp. ilhijhinei oti K68P2/K68P4f6f6l M0/168P0 i:YMMOP-i:MINETAI nror ru oyi:ilhiile: ATIAITHIEI: KAI TU: XOMSZI:XETIKE r. IIA-TA-EIL-THL OIHTIAL-1999/5/EC.
[French]	Par la présente, Calsonic Kansei Corp. déclare que l'appareil K68P2/K68P4f6f6l M0/168P0 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/EC.
[Italian]	Con la presente Calsonic Kansei Corp. dichiara che questo K68P2/K68P4f6f6l M0/168P0 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/EC.
[Latvian]	Ar šo Calsonic Kansei Coro deklarē, ka K68P2/K68P4f6f6l M0/168P0 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.
[Lithuanian]	Šiuo Calsonic Kansei Coro deklaruoju, kad šis K68P2/K68P4f6f6l M0/168P0 atitinka esminius reikalavimus ir kitus 1999/5/EB Direktivos nuostatus.
[Dutch]	Hierbij verklaart Calsonic Kansei Corp. dat het toestel K68P2/K68P4f6f6l M0/168P0 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
[Maltese]	Hawnhekk, Calsonic Kansei Corp. ,jiddikjara li dan K68P2/K68P4f6f6l M0/168P0 jikkoofonna mol-hitigijiet essenzjali u roa provvedimenti oħrejn relevanti ta li hemm fid-Direttiva 1999/5/EC.
[Hungarian]	A Calsonic Kansei Corp. ezzeuncel kijelenti, hogy a K68P2/K68P4f6f6l M0/168P0 típusú berendezés teljesíti az alábbi követelményeket és más 1999/5/EK irányelvben meghatározott vonatkozó rendelkezéseket.
[Polish]	Niniejszym Calsonic Kansei Coro deklaruje że K68P2/K68P4f6f6l M0/168P0 jest zgodny z zasadniczymi wymaganiami i innymi właściwymi postanowieniami Dyrektywy 1999/5/EC.
[Portuguese]	Eu Calsonic Kansei Coro, declaro que o K68P2/K68P4f6f6l M0/168P0 cumpre os requisitos essenciais e outras provisões relevantes da Directiva 1999/5/EC.
[Slovenian]	Calsonic Kansei Corp. izjavlja, da je ta K68P2/K68P4f6f6l M0/168P0 v skladu s bistvenimi zahtevami in drugimi relevantnimi določili direktive 1999/5/ES.
[Slovak]	Calsonic Kansei Coro, týmto vyhlasuje, že K68P2/K68P4f6f6l M0/168P0 soňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
[Finnish]	Calsonic Kansei Corp. vakuuttaa täten että K68P2/K68P4f6f6l M0/168P0 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sita koskevien direktiivin muiden ehtojen mukainen.
[Swedish]	Hittmed inllj,lr Calsonic Kansei Corp. att denna K68P2/K68P4f6f6l M0/168P0 stä, i överensstämelse med de v-sentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
[Icelandic]	Hér með lýsir Calsonic Kansei Coro, vfir því að K68P2/K68P4f6f6l M0/168P0 er í samræmi við =mnkrofur oo aðrar krofur sem =raar eru í tilfinnun 1999/5/EC.
[Norwegian]	Calsonic Kansei Corp. erklærer herved at utsluttet K68P2/K68P4f6f6l M0/168P0 er i samsvar med de grunnleggende krav og overr= relevante krav i direktiv 1999/5/EC.
[Turkish]	İbu belge ile Calsonic Kansei Corp. , bu K68P2/K68P4f6f6l M0/168P0'ın 1995/5/EC Yönetmeliati esas gereksinimlerine ve diğer şartlarına uyumlu olduğunu beyan eder.
[Romanian]	Prin prezenta, Calsonic Kansei Corp., declară e= aparatul K68P2/K68P4f6f6l M0/168P0 e=le în conformitate cu cererile esențiale și cu alte prevederi pertinente ale Directivei 1999/5/EC.
[Bulgarian]	Cnacpouero, Calsonic Kansei Corp. ,ackllpupn, ile K68P2/K68P4f6f6l M0/168P0 e a c1,omercBne cbc CblJCTUCHTC 1011cxoamJfll APYJHTnpnJ0imMn pampof6f6l ua lnune,"TlBa 1999/5/EC.
[Croatian]	rivime Calsonic Kansei Co.,., izjavljue da je ova K68P2/K68P4f6f6l M0/168P0 je u skladu s osnovnim zahtjevima i drugim relevantnim navedenima Direktive 1999/5/EC.
[Cmogorski jezik]	Ovim putem, kompanija, Calsonic Kansei Corp. izjavljue da je ovaj proizvod K68P2/K68P4f6f6l M0/168P0 u skladu sa osnovnim zahtjevima i drugim relevantnim odredbama direktive 1999/5/EC.
[Macedonian]	Co oca, Calsonic Kansei Kopsn, iljaoya Aka oaoj K68P2 / K68P4 / f6f6l M0 / 168P0 e no comacuoc co cymitihcchito 6aparLa il jipyrutcpenesanm o,rpdl6f6l on ililteentB-Ta 1999/5 / EC.

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.  
CAUTION • Do not exposed to excessive heatsuch as sunshine, fire or the like.

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- 12

0-906-111908-0



Indicazione  
light



Con la presente Continental dichiara che questo *Radio Transmitter and Receiver* è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

Ar šo Continental deklarē, ka *Radio Transmitter and Receiver* atbilst Direktīvas 1999/5/EK būtiskajām prasībām un ciliem ar to saistītajiem noteikumiem.

[lt] Lietuvių [Lithuanian]	Šiuo <i>Continental</i> deklaruoja, kad šis <i>Radio Transmitter and Receiver</i> atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
[nl] Nederlandans [Dutch]	Hierbij verklaart <i>Continental</i> dat het toestel <i>Radio Transmitter and Receiver</i> in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
[mt] Malti [Maltese]	Hawn hekk, <i>Continental</i> , jiddeklara li dan <i>Radio Transmitter and Receiver</i> jikkonforma mal-hiġijiet essenzjali u ma provvediment li oħra jn rilevanti li hemm fid-Direttiva 1999/5/EC.
[hu] Magyar [Hungarian]	Alulírott, <i>Continental</i> nyilatkozik, hogy a <i>Radio Transmitter and Receiver</i> megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.
[pl] Polski [Polish]	Niniejszym <i>Continental</i> oświadcza, że <i>Radio Transmitter and Receiver</i> jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC.
[pt] Português [Portuguese]	<i>Continental</i> declara que este <i>Radio Transmitter and Receiver</i> está conforme com os requisitos essenciais e outras disposições da Diretiva 1999/5/CE.
[sl] Slovensko [Slovenian]	<i>Continental</i> izjavlja, da je ta <i>Radio Transmitter and Receiver</i> v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.
[sk] Slovensky [Slovak]	<i>Continental</i> týmto vyhlasuje, že <i>Radio Transmitter and Receiver</i> spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.
	<i>Continental</i> vakuuttaa täten että <i>Radio Transmitter and Receiver</i> tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.
[se] Svenska [Swedish]	Härmed intygar <i>Continental</i> att denna <i>Radio Transmitter and Receiver</i> står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.
	Hér með lýsir <i>Continental</i> yfir því að <i>Radio Transmitter and Receiver</i> er í samræmi við grunkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC.
	 

[illegible]

Con la presente Panasonic dichiara che questo AZ1601 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.	
Ar šo Panasonic deklarē, ka AZ1601 atbilst Direktīvas prasībām un citiem ar to saistītajiem noteikumiem.	
Šīuo Panasonic deklaruoja, kad šis 1999/5/EB Direktivos nuostatas.	
Hawnehk, Panasonic, jiddikjara li dan AZ1601 jikkonforma mal-hitgijiet u ma provvedimenti oħrajn relevanti li hemm fid-Direttiva 1999/5/EC.	
Niniejszym Panasonic oświadcza, że AZ1601 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC	
Prin prezenta, Panasonic, declară că aparatul AZ1601 este în conformitate cu cerințele esențiale și cu alte prevederi pertinente ale Directivei 1999/5/CE.	
Panasonic izjavlja, da je ta AZ1601 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.	
Por medio de la presente Panasonic declara que el AZ1601 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.	
Härmed intygar Panasonic att denna AZ1601 står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.	
Hér með lýsir Panasonic yfi rat kröfur, sem gerðar eru í	

K52RA,c:m

51-53936 xm rrvvpnn i-1!Jn ?!J 'i.J1n?N 111!JN .~on  
N?I V!J.>I'.li1 ?!J nrupzm mmNn nN ')?nn, 110N  
InN 'D\J ,U>I!) ?> 1J n11!JY?

R53R0 .ort

50-20345 xm n-J11!JjJni1 111!J!J ?!J >IJ1n?N 111!J'N 1~0!J  
N?) I'!J.>I',)il ?!J n>I)jJ!'.li1 i1J\J)Ni1 nN ')?nil? I)ON  
InN >):>IJ >U>I!J ?> 1J n11!J))?

P74PO: orr

51-44323 xm m11!Jpnn 111!Jn ?!J >mn,N 111!JN .~on  
N?) I'!J.>nil ?!J n>11pni1 m\JINil nN ')?nil? 110N  
InN >D\J 'U!J ?> 1J n11!JY?

. 'Jln71'< i'l7.l.J9il 11'l:!.rm 1m91 "•11tm" o-Oa 7.lJ lli'l 1l!:!nnJ. IUln'Uil.l'<  
·l'•) n17.l.J9i'l nrmx nDl.l.JYl'7 il.l.J9il l'<77l nurisnn j)m l'<7-lnl7)  
.lJmm i'l7.l.J9i'l ll'Uln llJ9 ,l'~il,"TJ.7J. nij7'7il 7\U ·n~.l.J lUlnlU'7 "pra n7l.l.J9J." j7l J.  
.n1l1Uj7ni'l "Tl1Unn"Tnl'n ll1Ul J.nnn ') .~, "pra rn11U" [nn  
.lnl'< 'DIJ ·ll1U 7) lJ. mlU.l.J7 l'<7l,1'IU)nil '7lU n•11j7nil illlJJl'<i'l nx r,'mil7 1l01'<.A

MODEL No. : T61M0

**51-38184** Nli'I n,l\Jj?nil T\Un 7\J 'Jtn7N 1\J'N I90YI  
N'71 ,'\J)ni'I 7\J n•11j7nil i'IIOINI'I nx 9'7ni1'7 .ioN  
,nN 'DIJ 'I\J 7) 1:1 n\J.J.J?

MODEL No. : 168PO

**51-46103** Nli'I n,l\Jj7nil T\Un 7\J'1Jtn7N 11\J'N 190YI  
N'71 ,'\J)ni'I 7\J n•,1j7nil i'IIOINI'I nN rj'7ni1'7 .ioN  
,nN 'DIJ 'I\J 7) 1:1 n\J.J.J?

MODEL No. : K68P2

**51-47835** Nli'I n\Jj7nil n\Un '7\J •otn'7N 11\U'N ,9on  
N71 ,'\J)Y)j) 7\J n\lj7nil j))I..JJNi'InN 'j'7ni'7 !ION  
,nN 'DIJ 'I\J 7) 1:1 n\J.J.J?

MODEL No. : K68P4

**51-47836** Nli'I n11\Jj7nil n\Un '7\J •otn'7N 11\U'N ,9on  
N'71 ,'\J)ni'I 7\Jn•11j7nil i'IIOINI'I nN 9'7ni1'7 .ioN  
,nN 'DIJ 'I\J 7) 1:1 n\J.J.J?

AGREE PAR L'ANRT MAROC

Type: T61MO

Numéro d'agrément: MR 7816 ANRT 2013

Date d'agrément: 31/01/2013

Type: 168PO

Numéro d'agrément: MR 9603 ANRT 2014

Date d'agrément: 12/09/2014

Type: K68P2

Numéro d'agrément : MR 10015 ANRT 2015

Date d'agrément : 29/01/2015

Type: K68P4

Numéro d'agrément: MR 10014 ANRT 2015

Date d'agrément: 29/01/2015

Model:K52RA

***AGRÉÉ PAR L'ANRT MAROC***

Numéro d'agrément: MR 11480 ANRT 2016  
Date d'agrément: 24/02/2016

Model:R53RO

***AGRÉÉ PAR L'ANRT MAROC***

Numéro d'agrément: MR 11743 ANRT 2016  
Date d'agrément: 13/04/2016

Model:P74P0

***AGRÉÉ PAR L'ANRT MAROC***

Numéro d'agrément: MR 9352 ANRT 2014  
Date d'agrément: 10/06/2014

8180052024

AGREE PAR L'ANRT MAROC

Numéro d'agrément : MR4498 ANRT2008

Date d'agrément : 31/10/2008

40398036

AGREE PAR L'ANRT MAROC

Numéro d'agrément : MR5837 ANRT2010

Date d'agrément: 08/10/2010

**BATTERY LABEL SYMBOL MEANINGS**

	No smoking, no naked flames, no sparks			Battery acid
	Shield eyes			Note operating instructions
	Keep away from children			Explosive gas

Prepared by  
**SUZUKI MOTOR CORPORATION**

April, 2017

Part No. 99011-52RM1-01 E  
Printed in Japan

## SERVICE STATION INFORMATION

Fuel recommendation:

See page 1-1

Engine oil recommendation:

K1 OC engine models:

Classification: ACEA A1/81, A3/B3, A3/84, A5/85

API SL, SM or SN

ILSAC GF-3, GF-4 or GF-5

Viscosity: SAE SW-30, 10W-30, 10W-40

K12C engine models:

Classification: ACEA A1/81, A3/83, A3/84, A5/85

API SL, SM or SN

ILSAC GF-3, GF-4 or GF-5

Viscosity: SAE OW-16, 0W-20, 5W-30

For further details, see "Engine Oil and Filler" in the  
"INSPECTION AND MAINTENANCE" section.

Brake and clutch fluid:

DOT3 or SAE J1703

Automatic transaxle oil:

"SUZUKI AT OIL AW-1"

CVT fluid:

SUZUKI CVTF GREEN-2

Tire cold pressure:

See the "Tire Information Label" located on the  
driver's door lock pillar.

