

M11 Maintenance Manual

(Circuit Diagram Part)

Contents

Chapter I Instruction of Reading Drawings	4
I. Definition of Main Harness Connectors.....	4
II. Definition of Body Ground Point.....	11
1. Definition of Ground Point.....	11
2. Distribution of Each Ground Point and Major Modules	14
3. Pictures of Ground Points	15
3.1. Ground Points of Engine Harness	15
3.2. Ground Points of Engine Compartment Harness	16
3.3. Ground Points of Interior Floor Harness.....	17
3.4. Ground Points of Instrument Harness	22
3.5. Ground Point of Air Conditioner Harness	23
3.6. Ground Point of Negative Harness.....	23
3.7. Ground Point of Ground Harness	24
III. Description of Major Signs of Circuit	24
IV. Supplementary Description of Circuit Diagram	25
1. Description of Power Supply and Ground Wire	25
2. Circuit Color and Circuit Mark	25
3. Definition of Major Controllers.....	25
V. Definition of Fuse	26
1. Numbering of Fuse and Relay	26
2. Position and Function Description of Fuse and Relay.....	26
2.1. Engine Compartment Fuse and Relay Box	26
2.2. Instrument Fuse Box.....	31
2.3. Fuse of Positive Fuse Box	32
3. Interior Circuit Diagram of Fuse and Relay Box	35
Chapter II Control Basic Diagram of Circuit	39
I. Starting and Charging System.....	39
II. EFI (Electric Fuel Injection) System of Engine.....	40
III. Lighting System	41
IV. Door and Window Systems (Without Anti-clipping Function)	42
V. Door and Window Systems (Anti-clipping).....	43
VI. Door Lock System.....	44
VII. Wiper System.....	45
VIII. Exterior Rear-view Mirror and Rear Windshield Heating System	46
IX. Horn System and Reversing Radar System	47
X. A/C System	48
XI. Combination Instrument and Auxiliary Instrument.....	49
XII. CAN Network	50
XIII. Audio and Sunroof System	51
XIV. ABS System and Electric Regulating and Heating System for Seat	52
XV. Definition of Main Control Module Pins	53
1. Definition of ECU Pins.....	53

2. Definition of Front BCM Pins.....	54
3. Definition of Right BCM Pins.....	55
4. Definition of Instrument Pins	56
5. Definition of ABS Module Pins	57
6. Definition of A/C Control Module Pins.....	57
7. Definition of Radio, DVD and Guidance System Control Module Pins	58
Chapter III Harness Diagram	59
I. Left Front Door Harness.....	59
(I). Harness Diagram.....	59
(II). Description of Connector Pins	60
II. Right Front Door Harness	66
(I). Harness Diagram.....	66
(II). Description of Connector Pins	67
III. Left Rear Door Harness (M11-3724510).....	72
(I). Harness Diagram.....	72
(II). Description of Connector Pins	72
IV. Right Rear Door Harness (M11-3724520)	74
(I). Harness Diagram.....	74
(II). Description of Connector Pins	74
V. Engine Harness (M11-3724180)	76
(I). Harness Diagram.....	76
(II). Description of Connector Pins	77
VI. A/C Harness (Self-owned Harness of HAVC Assembly)	83
(I). Harness Diagram.....	83
(II) Description of Harness Connector Pins	84
VII. Engine Compartment Harness (M11-3724010).....	87
(I). Harness Diagram.....	87
(II). Description of Harness Connector Pins	88
VIII. Luggage Boot Harness (M11-3724120)	91
(I). Harness Diagram.....	91
(II). Description of Harness Connector Pins	91
IX. Washer Nozzle Heater Harness (M11-3724550).....	92
(I). Harness Diagram.....	92
(II). Description of Harness Connector Pins	92
X. Ceiling Harness (M11-3724370)	93
(I). Harness Diagram.....	93
(II). Description of Harness Connector Pins	93
XI. Instrument Harness (M11-3724030BA)	95
(I). Harness Diagram.....	95
(II). Description of Harness Connector Pins	96
XII. Interior Harness (M11-3724050BA)	114
(I) Diagram of Harness.....	115
(II) Description of Pin of Harness Connector	116

Chapter I Instruction of Reading Drawings

I. Definition of Main Harness Connectors

1. Relevant Definition Description

Connector **Pin End**: generally, a complete connector is composed of two ends. Here, the connector pin end is defined as the end with pin.

Connector **Pinhole End**: generally, a complete connector is composed of two ends. Here, the connector pinhole end is defined as the end with pinhole.

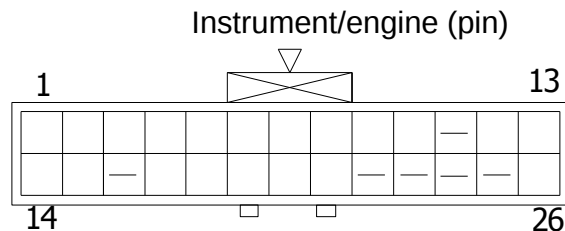
Meanings of Number on Connector: the number such as 1, 2 and 3 on connector represents the pin No. of connector. For definition, only the first and last pins No. of one row of pin (pinhole) are required to be written out generally.

In the Part of Definition of Main Harness Connectors, the pin end or pinhole end will be defined based on the principle of convenience and practicality. During defining, the pin end or pinhole end will be marked to facilitate reference of extensive readers.

Take the harness as order to define connector. The **main** harness connector involved in a harness may be one end of this harness or one end of another butt harness of it.

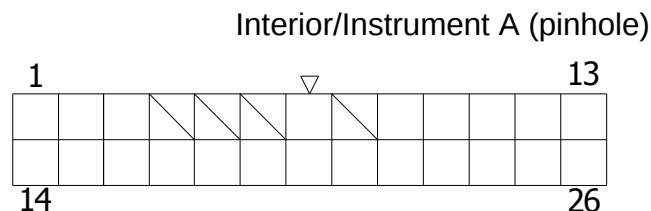
For the **main** harness connector involved but not defined in a harness, please refer to the Part of Its Butt Harness Connector.

1.1 Engine Harness Connector



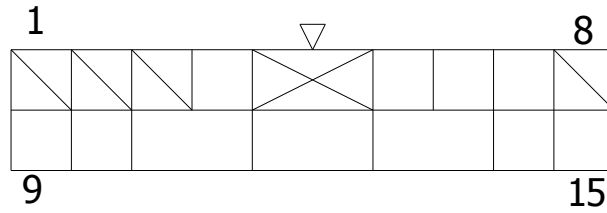
Note: Instrument/engine - Connector of instrument harness and engine harness.

1.2. Connectors on Instrument Harness



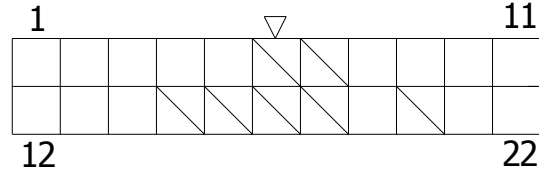
Note: Interior/instrument A - Connector A of instrument harness and interior harness.

Interior/Instrument B (pinhole)



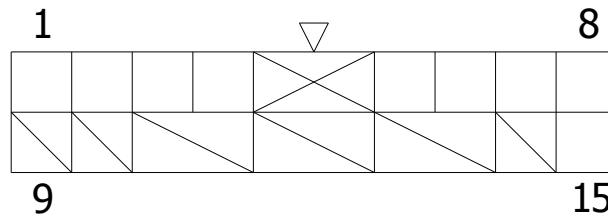
Note: Interior/instrument B - Connector B of instrument harness and interior harness.

Interior/instrument C (pinhole)



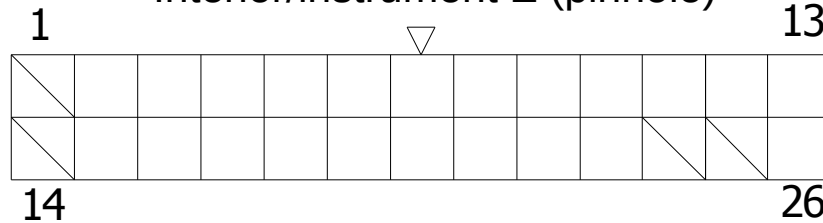
Note: Interior/instrument C - Connector C of instrument harness and interior harness.

Interior/instrument D (pinhole)

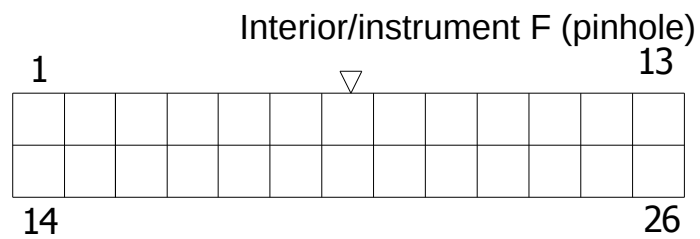


Note: Interior/instrument D - Connector D of instrument harness and interior harness.

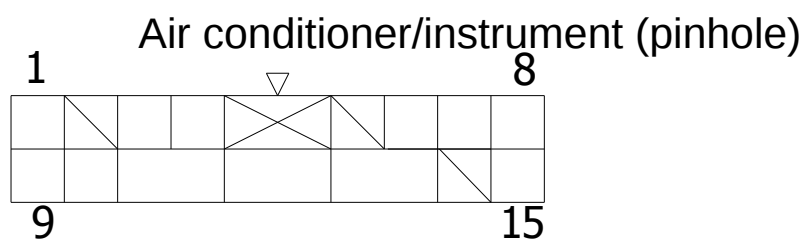
Interior/instrument E (pinhole)



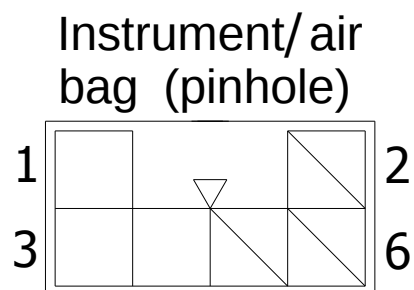
Note: Interior/instrument E - Connector E of instrument harness and interior harness.



Note: Interior/instrument F - Connector F of instrument harness and interior harness.



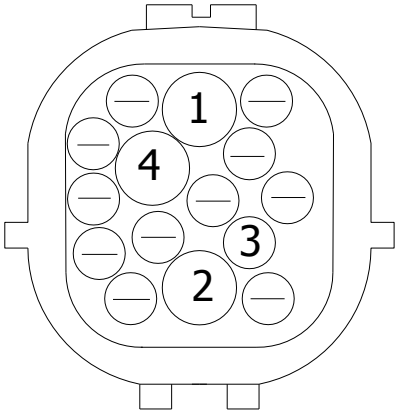
Note: Air conditioner/instrument - Connector of instrument harness and air conditioner harness.



Note: Instrument/air bag - Connector of instrument harness and air bag harness.

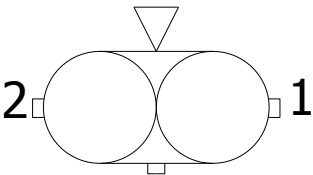
1.3. Engine Compartment Harness Connector

Front/interior (pin)



Note: Front/interior - Connector of engine compartment harness and interior harness.

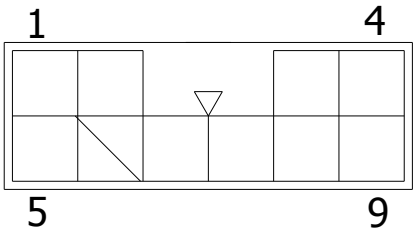
Front/nozzle heater (pinhole)



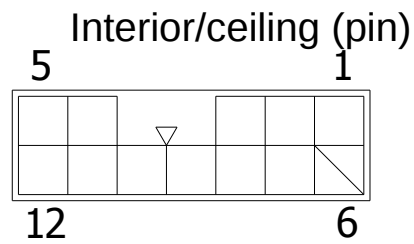
Note: Front/nozzle heater - Connector of engine compartment harness and washer nozzle heater harness.

1.4. Interior Floor Harness

Interior/rear bumper (pin)

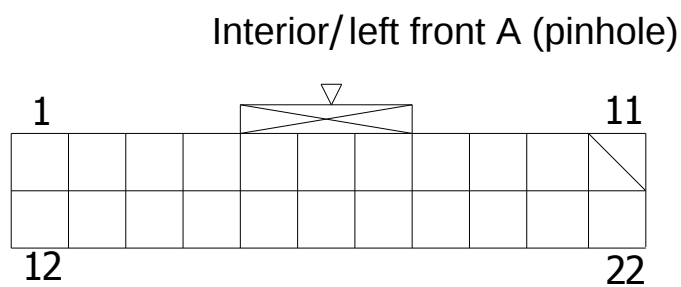


Note: Interior/rear bumper - Connector of rear bumper harness and interior harness.

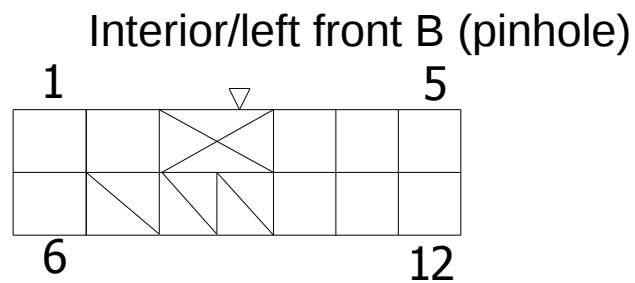


Note: Interior/ceiling - Connector of ceiling harness and interior harness.

1.5. Left Front Door Harness



Note: Interior/left front A - Connector A of left front door harness and interior harness.

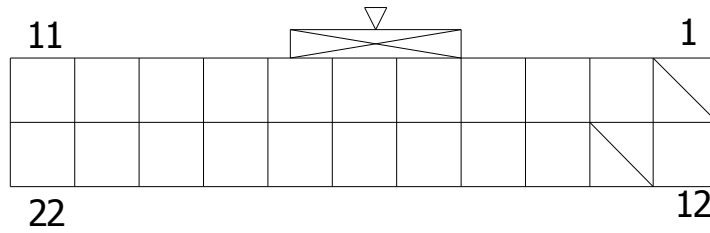


Note: Interior/left front B - Connector B of left front door harness and interior harness.

Note: The connector of “Interior/left front B (pinhole)” in the above figure takes the left front door equipped with anti-clipping window regulator; for the right front door equipped with window regulator without anti-clipping function, the terminal 2# of connector of “Interior/left front B (pinhole)” is empty.

1.6. Right Front Door Harness

Interior/right front (pinhole)

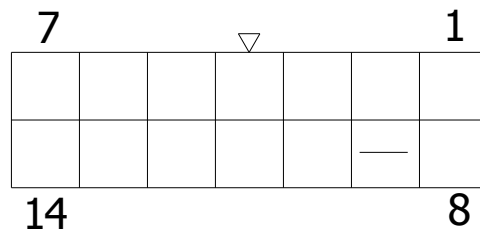


Note: Interior/right front - Connector of right front door harness and interior harness.

Note: The connector of “Interior/right front (pinhole)” in the above figure takes the right front door equipped with anti-clipping window regulator; for the right front door equipped with window regulator without anti-clipping function, the terminal 2# of connector of “Interior/right front (pinhole)” is empty.

1.7. Left Rear Door Harness

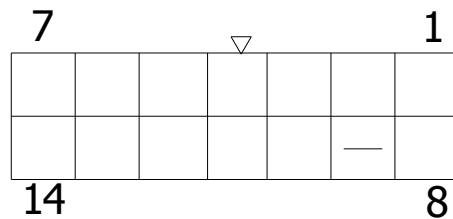
Interior/left rear (pinhole)



Note: Interior/left rear - Connector of left rear door harness and interior harness.

1.8. Right Rear Door Harness

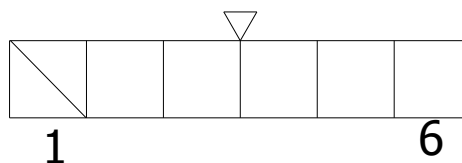
Interior/right rear (pinhole)



Note: Interior/right rear - Connector of right rear door harness and interior harness.

1.9. Trunk Harness

Interior/trunk (pinhole)



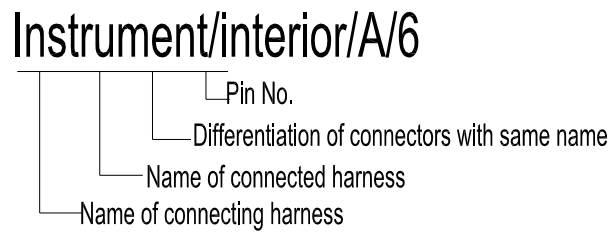
Note: Interior/trunk - Connector of trunk harness and interior harness.

1.10. Explanation of Terminal Definition

Explanation of Definition of Terminal in Basic Diagram of Circuit:

Illustrate as follows:

1.10.1.



“Instrument/interior/A/6” refers to No. 6 pin of connector A of instrument harness and interior harness;

1.10.2. “To anti-theft module A5” means to No. 5 pin of plug A of anti-theft module;

1.10.3. “To ECU25” means to No.25 pin of ECU.

II. Definition of Body Ground Point

1. Definition of Ground Point

1.1. Ground Point of Engine Harness

G101: Terminals 80#, 61# and 3# of engine control unit.

G102: Terminals 51# and 53# of engine control unit.

G103: Terminal 2# of air conditioner clutch, terminal 1# of cam shaft position sensor, terminal 2# of speed sensor, terminal 1# of reverse switch, and terminal 2# of coolant position sensor.

1.2. Ground Point of Engine Compartment Harness

G201: Terminal 2# of left front fog lamp, terminal 4# of left headlamp, terminal 2# of engine hood touch switch, terminal 1# of left headlamp regulating motor, terminal 2# of high pitch horn, terminal 2# of low pitch horn, terminal 2# of left front turn lamp, and terminals CE E1#, CE E8#, CE E5# and CE E9# of engine compartment fuse and relay box.

G202: Terminal 2# of right front fog lamp, terminal 2# of front washer pump, terminal 4# of right headlamp, terminal 1# of right headlamp regulating motor, terminal 2# of right front turn lamp, terminal 3# of fan motor connector 2, and terminal 3# of fan motor connector 1.

1.3. Ground Point of Interior Floor Harness

G301: Terminals 13# and 38# of ABS module.

G302: Terminal 2# of brake fluid level switch, terminal 2# of anti-theft horn, terminal 1# of PP6 of front BCM, left seat heater, and terminal 4# of electric regulating device.

G303: Empty

G304: Empty

G305: Terminal 4# of oil pump harness connector, terminal 2# of rainfall sensor, terminal 1# of left cosmetic mirror lamp, terminal 1# of right cosmetic mirror lamp, terminal 1# of front ceiling lamp and sunroof switch, terminal 4# of front wiper motor, terminal 2# of left front door locking switch, terminal 4# of left front door touch switch, terminal 4# of left rear door touch switch, terminal 3# of left rear door window regulating switch, terminal 11# of left front door window regulating switch, terminal 1# of left turn lamp, terminal 4# of electric

left exterior rear-view mirror, terminal 4# of left front door anti-clipping window regulator, and terminal 2# of driver's seat belt switch.

G306: Terminal 2# of oil pump harness connector (fuel level resistance), left seat heater, terminal 2# of electric regulating device, and shielded wire of both lines connecting microphone and hands-free cell.

G307: Terminal 1# of left rear reading lamp, terminal 1# of right rear reading lamp, terminal 1# of high mounted brake lamp, terminal 2# of low speaker (coatrack) A, and terminal 2# of sunroof module.

G308: Terminal 3# of trunk touch switch and lock actuator, terminal 1# of left rear tail lamp, terminal 4# of PP8 of rear BCM, terminal 5# of PP8 of rear BCM, and terminal 1# of trunk locking switch.

G309: Terminal 1# of right rear tail lamp, shielded wire of connecting line of terminal 8# of auxiliary port of main frame of audio equipment and terminal 5# of CCD camera of reverse radar, and terminal 2# of connector of license plat lamp.

G310: Terminal B7# of air conditioner controller, terminal B13# of air conditioner controller, terminal 3# of right rear door touch switch, terminal 3# of right front door locking switch, terminal 4# of right front door touch switch, terminal 3# of right front door window regulating switch, terminal 3# of right rear door window regulating switch, terminal 4# of electric right exterior rear-view mirror, terminal 4# of right front anti-clipping window regulator, shielded wire of connecting line of terminal 8# of auxiliary port of main frame of audio equipment and terminal 5# of CCD camera of reverse radar, terminal 2# of right seat heating device, and terminal 1# of right turn lamp.

G311: Negative Ground of Rear Windshield Heater

1.4. Ground Point of Instrument Harness

G401: Terminal 5# of diagnostic connector, terminal 2# of luminous regulating switch, shielded wire of both lines connecting microphone and hands-free cell, terminals 2# and 5# of warning lamp switch, terminals 5# and 8# of combination switch (wiper), terminal 1# of port of main frame of audio equipment, shielded wire of connecting line of terminal 8# of auxiliary port of main frame of audio equipment and terminal 5# of CCD camera of reverse radar, terminal 1# of on-board hands-free cell, terminal 1# of spiral cable (steering angle sensor), terminal 2# of emergency power supply, terminal 1# of clutch switch, terminal 14# of spiral cable (horn button), terminal 2# of glove box lamp, terminal 1# of combination switch (turning, lower beam/upper beam and cruise), terminals of 3# and 6# of electronic stabilization system switch, terminals 3# and 6# of left seat heater switch, terminals 3# and 6# of right seat heater switch, terminals 1# and 6# of trunk opening switch, terminal 6# of lighting switch, terminal 3# of combination instrument, and terminal 3# of auxiliary instrument.

G402: Terminal A2# of electronic anti-theft controller, terminal 4# of diagnostic connector, terminal 4# of rear-view mirror regulating switch, terminal 6# of deflection angle sensor, terminal 1# of cigar lighter, terminal 4# of lower beam lamp height regulating switch, terminal 5# of combination instrument, terminal 5# of auxiliary instrument, and terminal 4# of tyre pressure monitoring system module (TPMS).

1.5 Air Conditioner Harness

G501: Terminal 1# of speeder module.

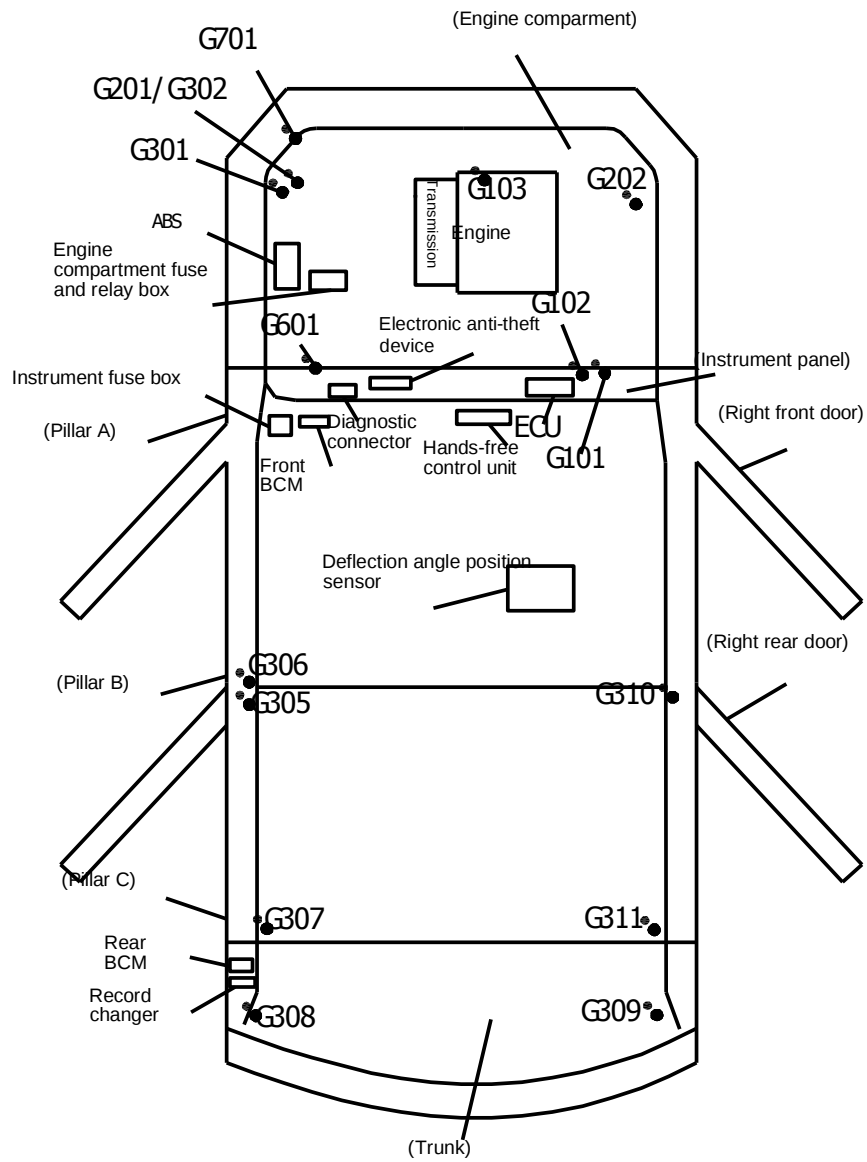
1.6 Negative Harness

G601: Ground point at the joint of negative harness and the body sheet metal of front wall.

1.7 Ground Harness

G701: Ground point at the joint of ground harness and the body sheet metal.

2. Distribution of Each Ground Point and Major Modules



3. Pictures of Ground Points

3.1. Ground Points of Engine Harness

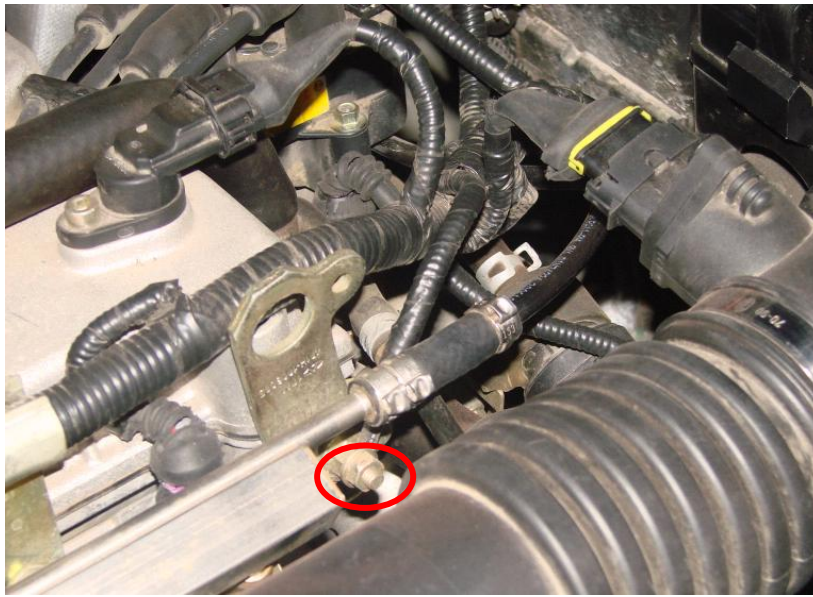
G101: (under the instrument panel at the side of front passenger's seat)



G102: (under the instrument panel at the side of front passenger's seat)



G103: (at the side of engine cylinder head)



3.2. Ground Points of Engine Compartment Harness

G201: (at the left front side of engine compartment)



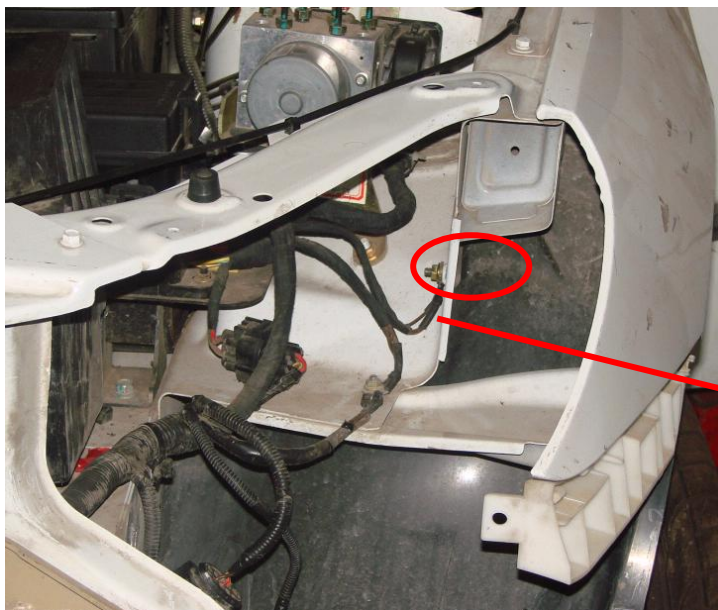
Engine compartment
harness

G202: (at the right front side of engine compartment)



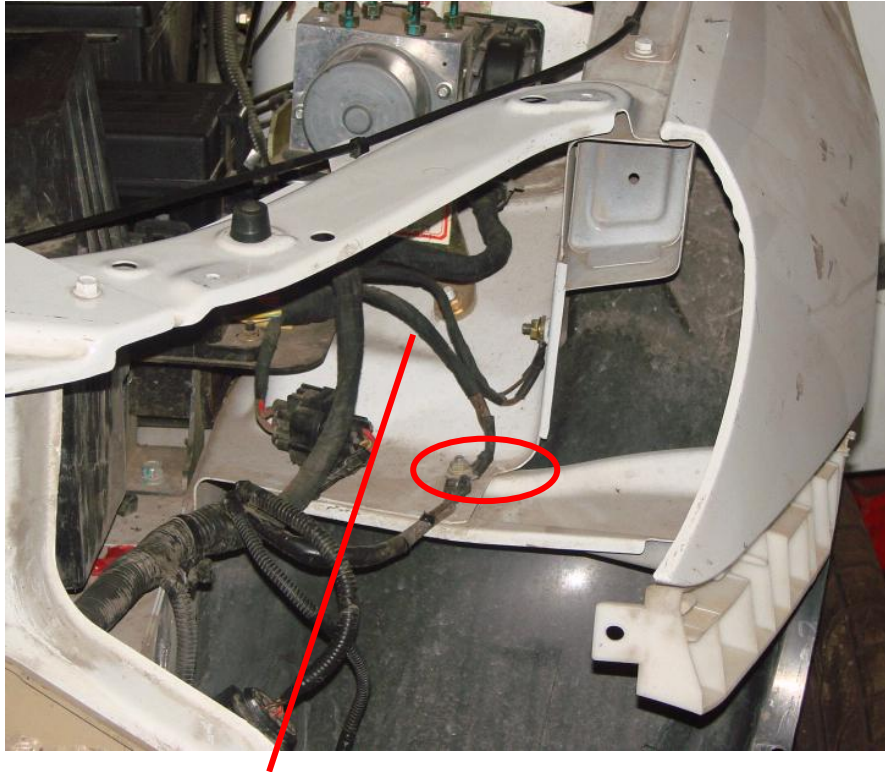
3.3. Ground Points of Interior Floor Harness

G301: (at the left front side of engine compartment)



Interior floor harness

G302: (at the left front side of engine compartment)

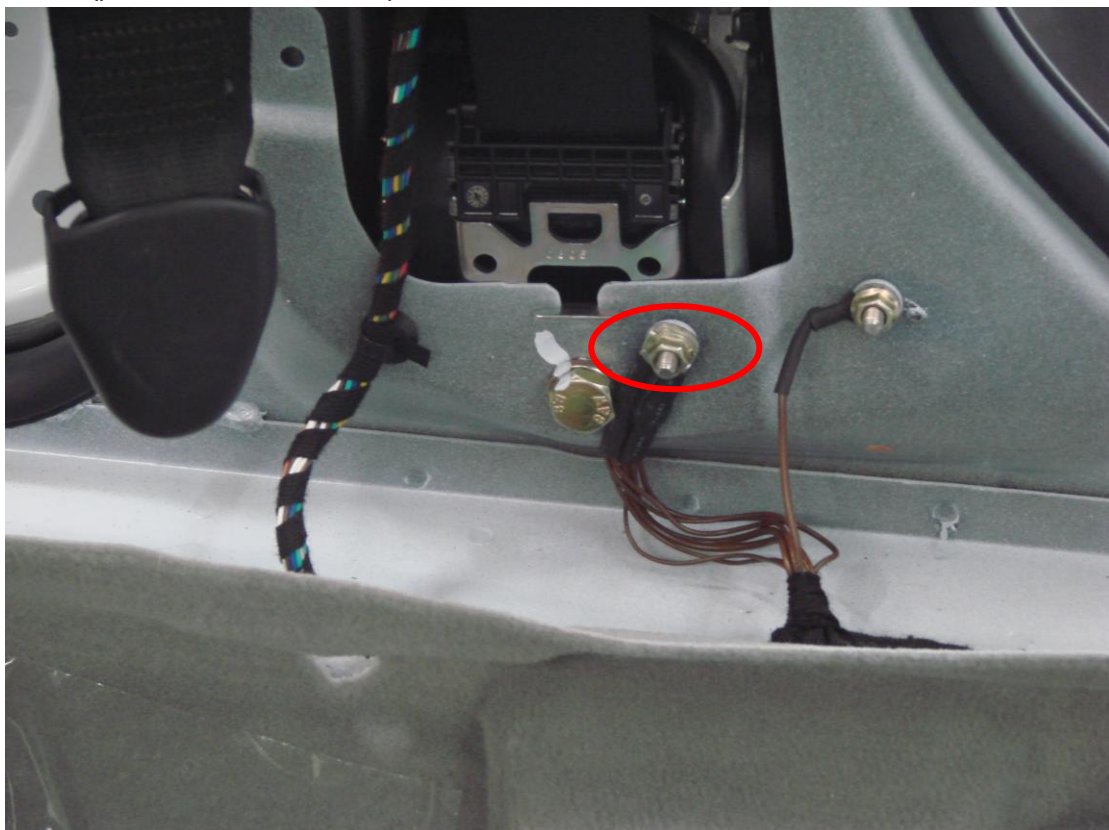


Interior floor harness

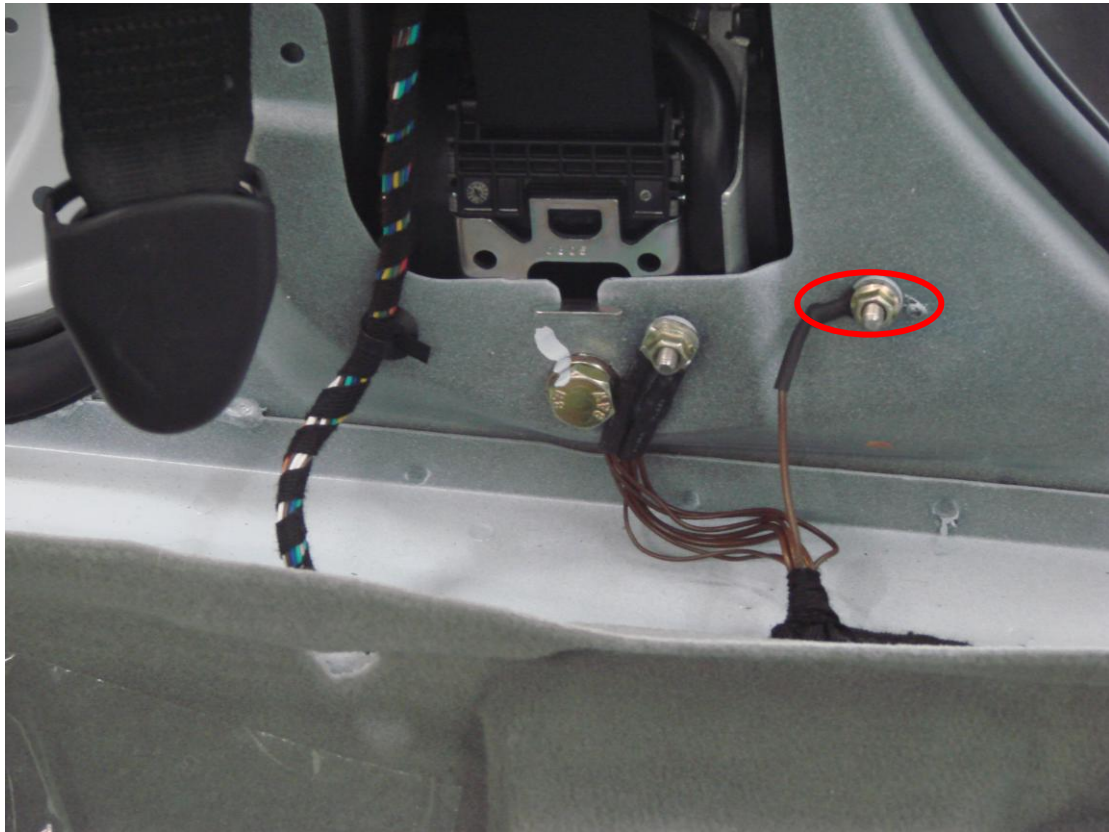
G303: Empty

G304: Empty

G305: (pillar B of left front door)



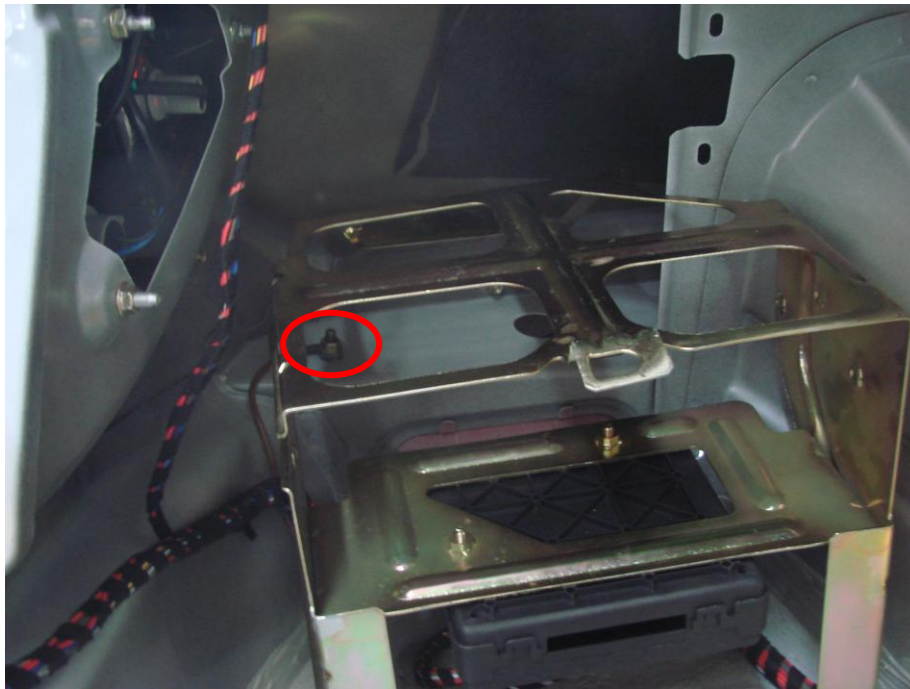
G306: (pillar B of left front door)



G307: (near the pillar C of left rear door)



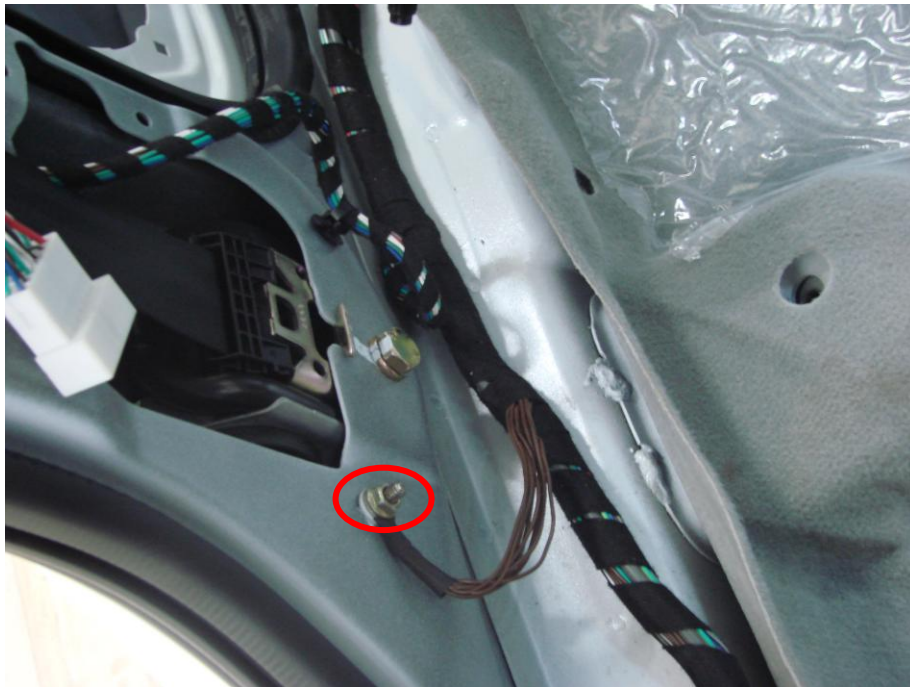
G308: (at the left inside of trunk)



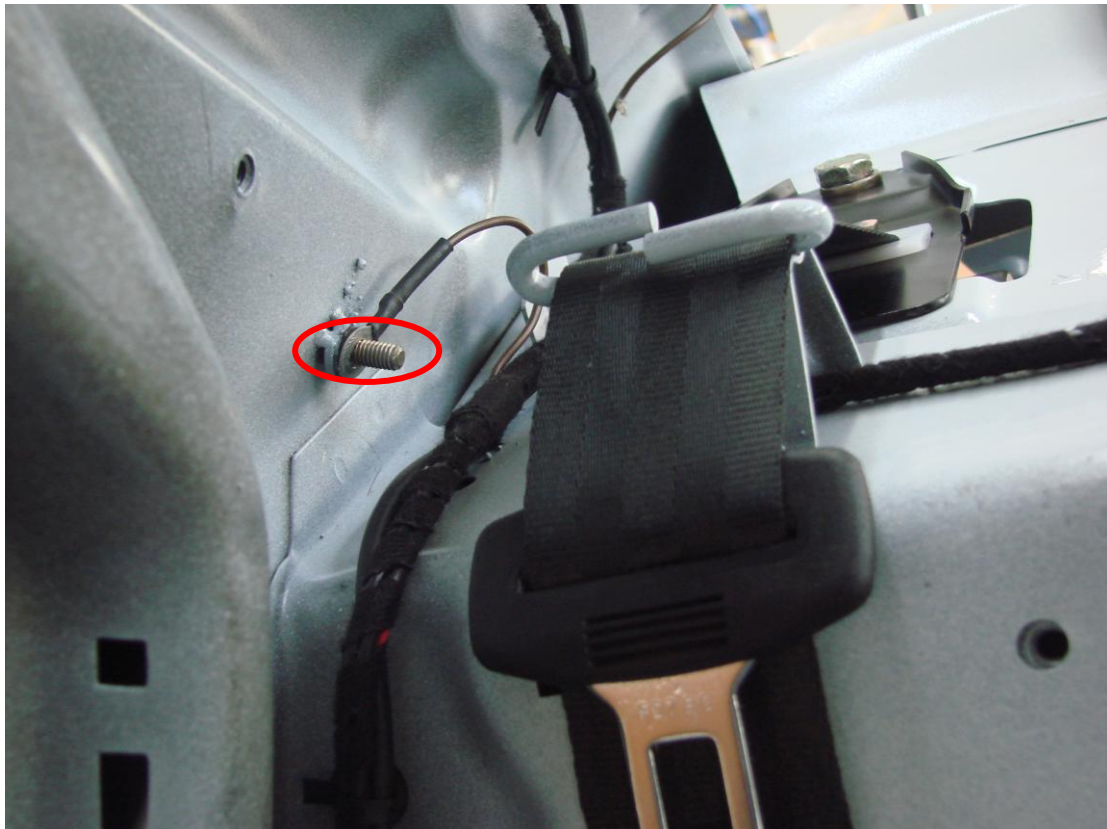
G309: (at the right inside of trunk)



G310: (pillar B of right front door)

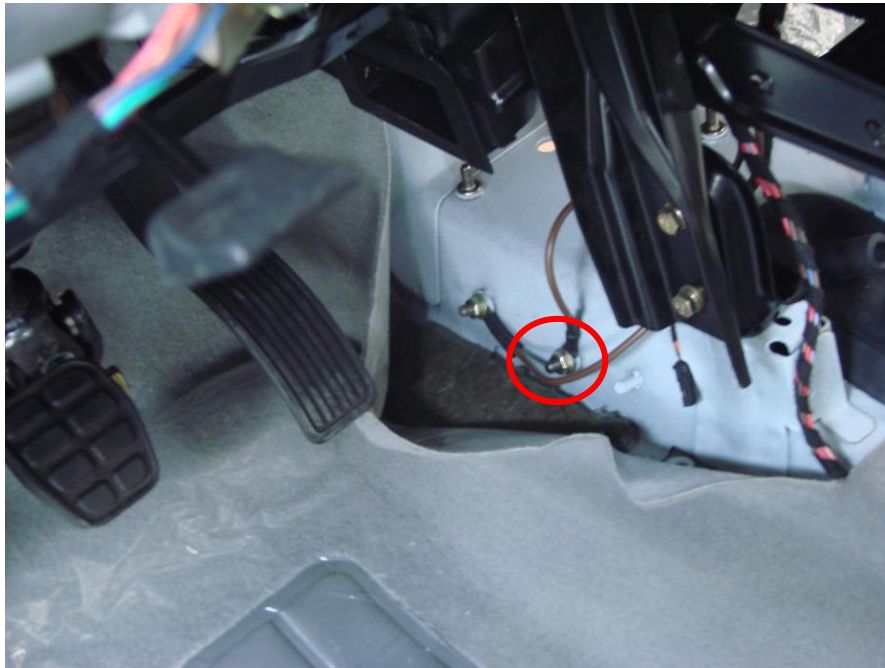


G311: (near the pillar C of right rear door)

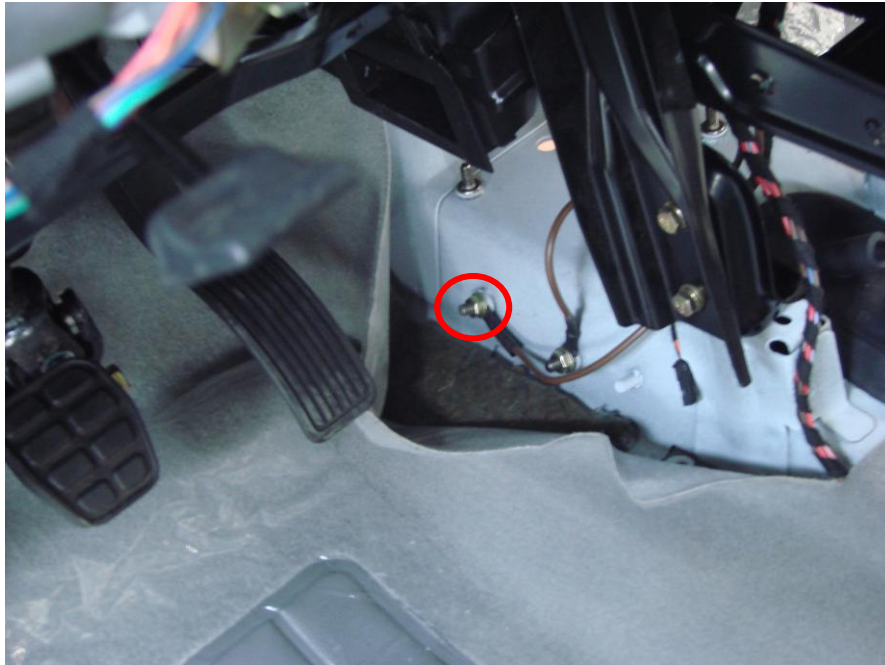


3.4. Ground Points of Instrument Harness

G401: (at the place where the left body under the auxiliary instrument panel is)

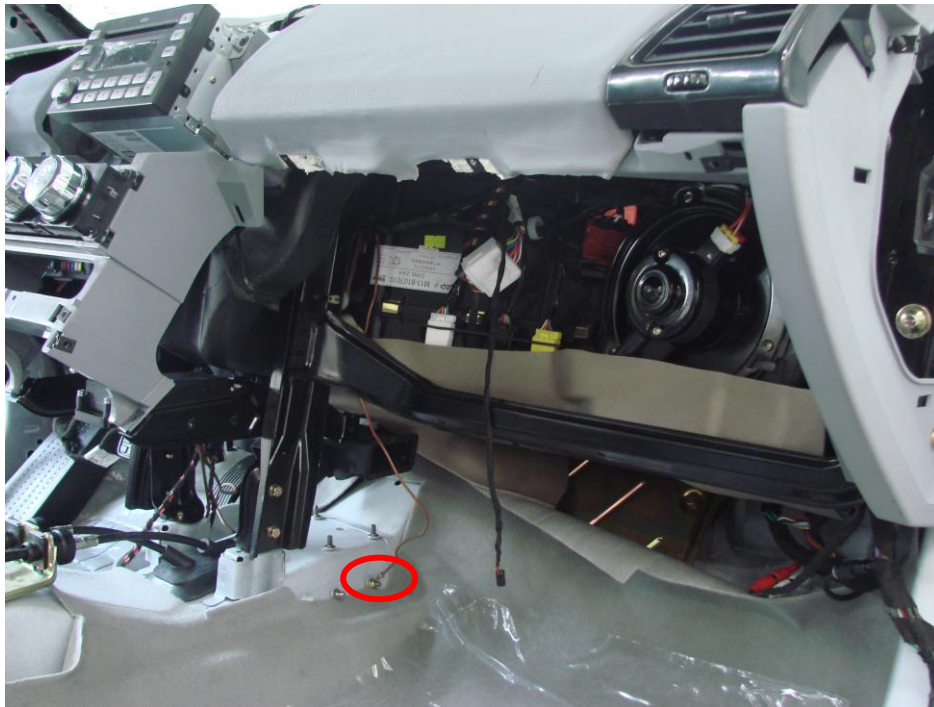


G402: (at the place where the left body under the auxiliary instrument panel is)



3.5. Ground Point of Air Conditioner Harness

G501: (at the place where the right body under the auxiliary instrument panel is.)



3.6. Ground Point of Negative Harness

G601: (at the place, in the engine compartment, where the body near the brake vacuum booster is)



3.7. Ground Point of Ground Harness

G701: (at the place where the body at the underside of battery in engine compartment is)



III. Description of Major Signs of Circuit

Sign	Signification	Sign	Signification
	Circuit connection		Motor
	Connector		Bulb
	Relay		Switch control
	Shielded wire		Resistance element
	Shielded wire		Solenoid
	Ground		LED

Note: For other signs, please conduct specific confirmation according to the circuit and actual objects.

IV. Supplementary Description of Circuit Diagram

1. Description of Power Supply and Ground Wire

BAT: Power supply line from the positive pole of battery (without passing through any fuse).

IGN1: Power supply line directly out from terminal 2# of ignition switch.

KL30: Power supply line (from the positive pole of battery) out from “B+” terminal of engine compartment fuse and relay box, only passing through the positive fuse (FB29 100A).

IGN2: Power supply line directly out from terminal 30# of relay at ON position (R5).

Acc: Power supply line (from terminal 3# of ignition switch) out from IP D1 of instrument fuse box.

Acc1: Power supply line directly out from terminal 30# of ACC relay (R6).

31: Ground wire.

ILLUM: Luminous lighting wire.

2. Circuit Color and Circuit Mark

2.1. Signification of Circuit Color

B: Black

W: White

R: Red

G: Green

L: Blue

V: Violet

P: Pink

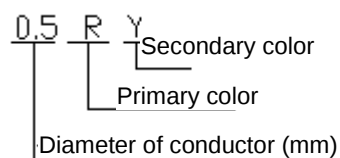
Br: Brown

Gr: Gray

O: Orange

Y: Yellow

2.2. Signification of Circuit Mark



3. Definition of Major Controllers

In this diagram for control principle of circuit, the “ECU” or “EMS” refers to engine control unit.

In this diagram for control principle of circuit, the “BCM” refers to body control module.

In this diagram for control principle of circuit, the “TPMS” refers to tyre pressure monitoring system module.

In this diagram for control principle of circuit, the “ESP” refers to electronic stabilization system.

V. Definition of Fuse

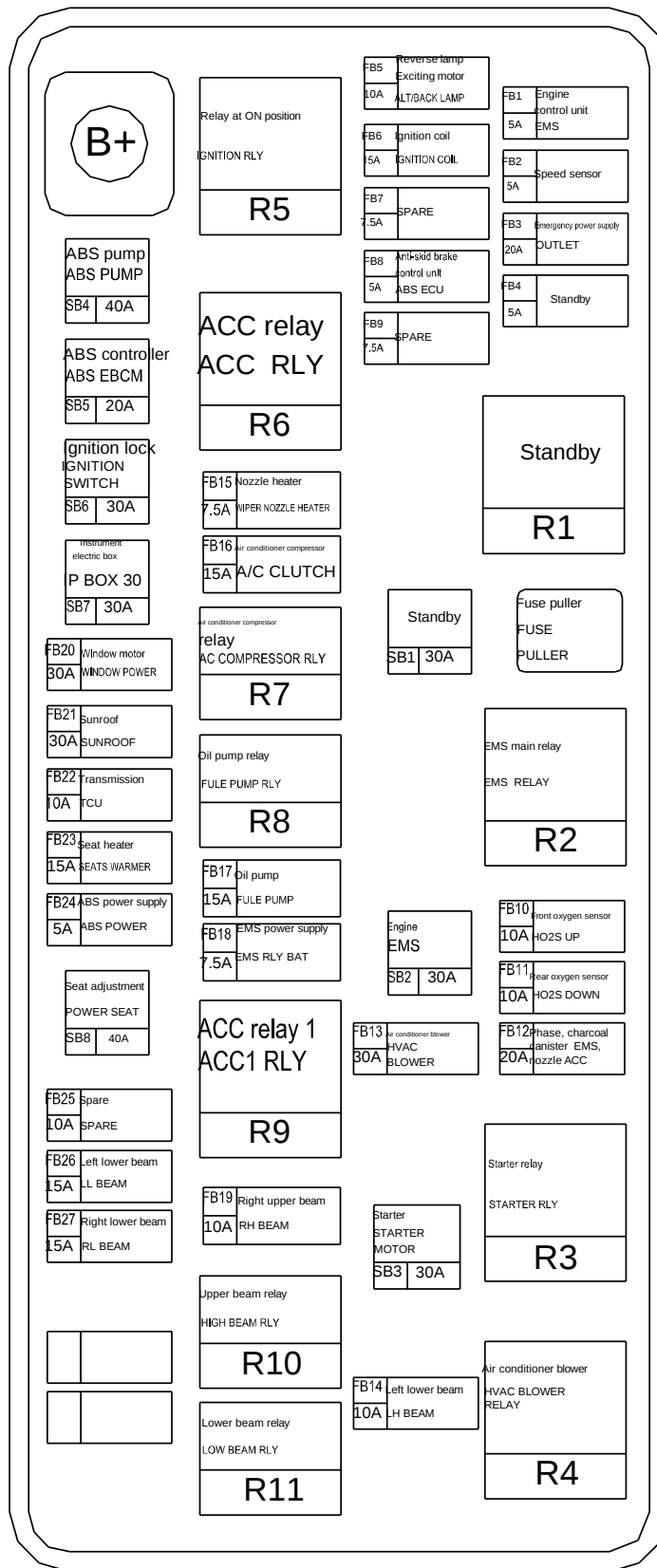
1. Numbering of Fuse and Relay

The fuse in engine compartment fuse and relay box are represented by “FB + number” or “SB + number”; the relay in engine compartment fuse and relay box are represented by “R + number”; the fuse in positive fuse box is represented by “FB + number”, and the fuse in instrument fuse box is represented by “IP FUSE + number”.

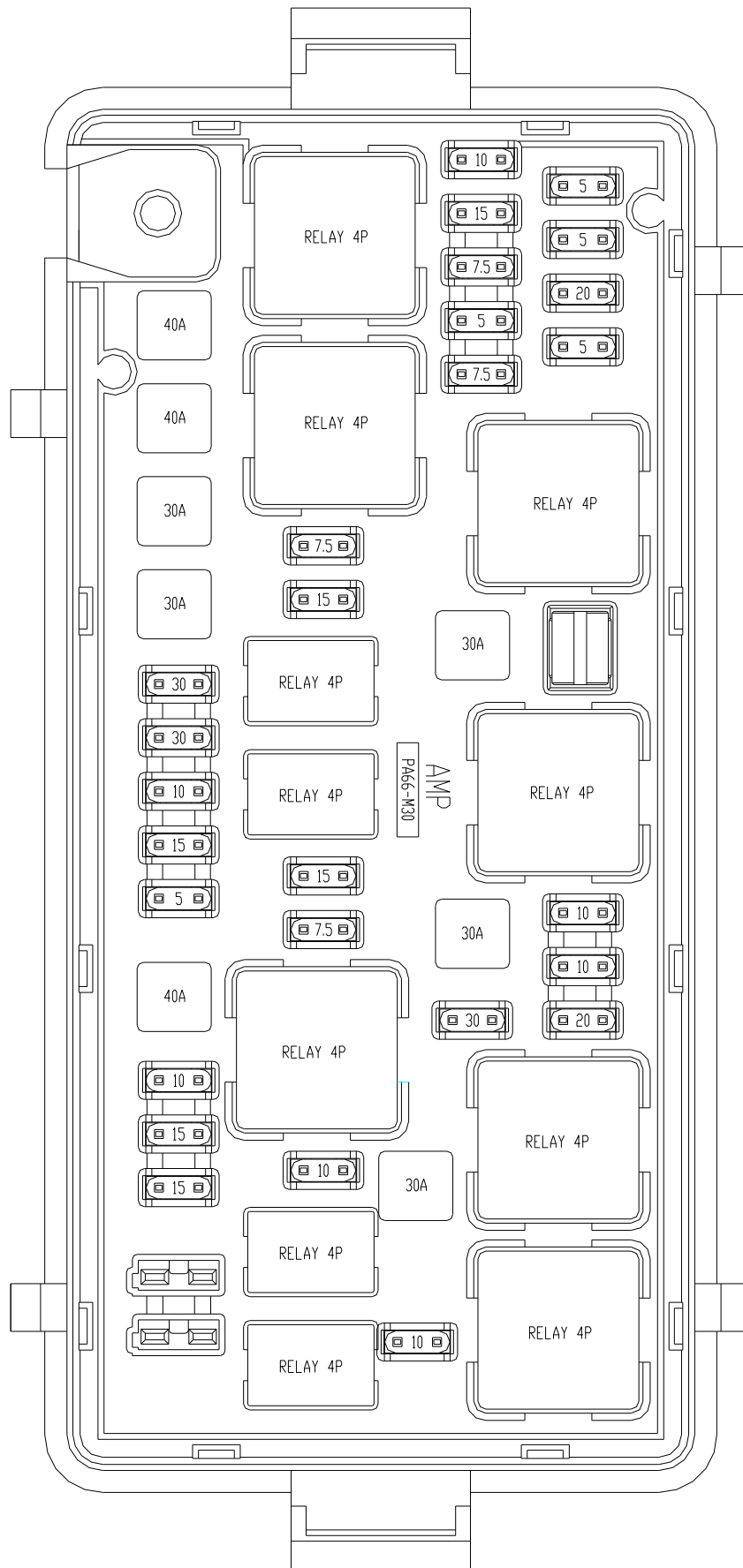
2. Position and Function Description of Fuse and Relay

2.1. Engine Compartment Fuse and Relay Box

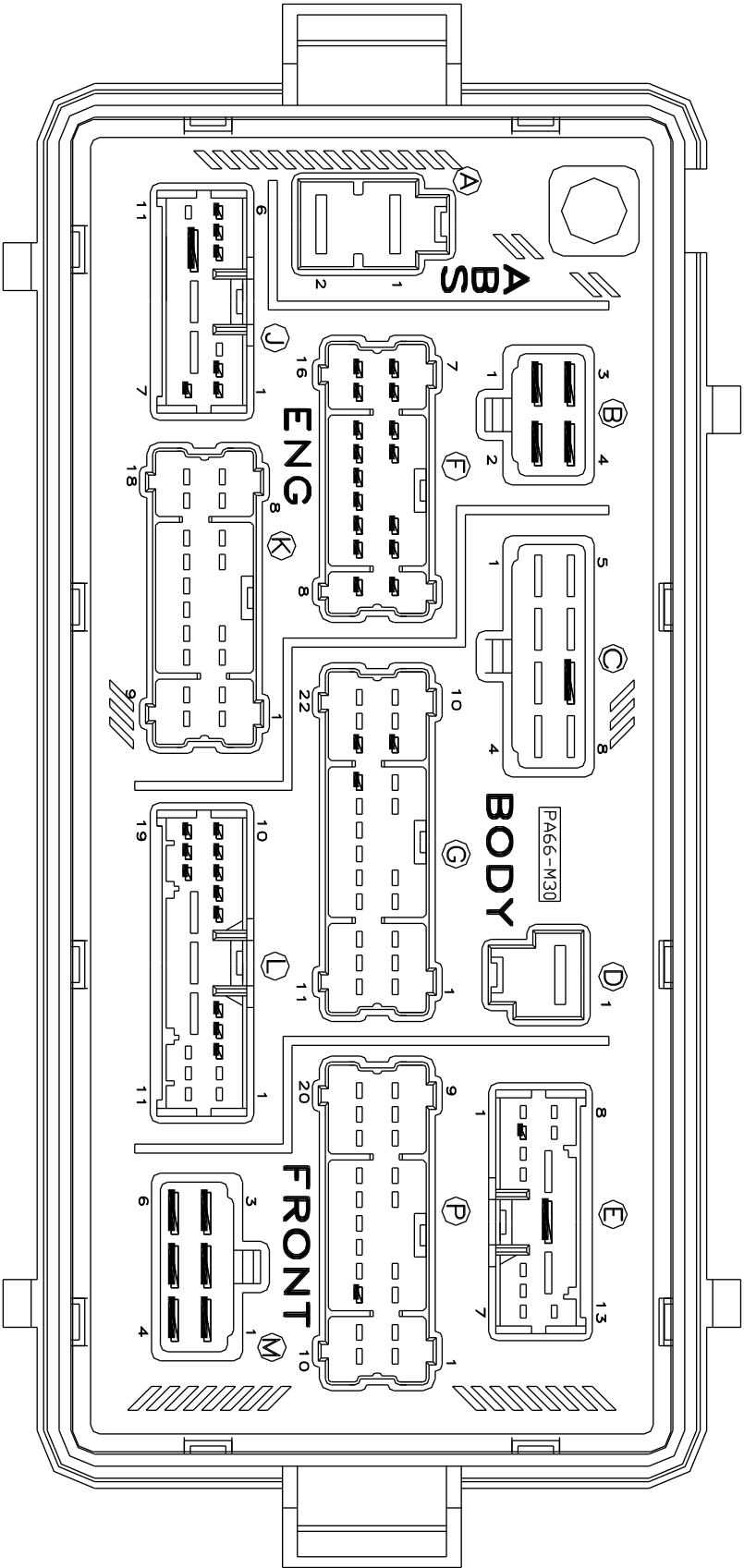
Schematic Diagram of Back of Box Cover:



Front Layout:



Back Layout:

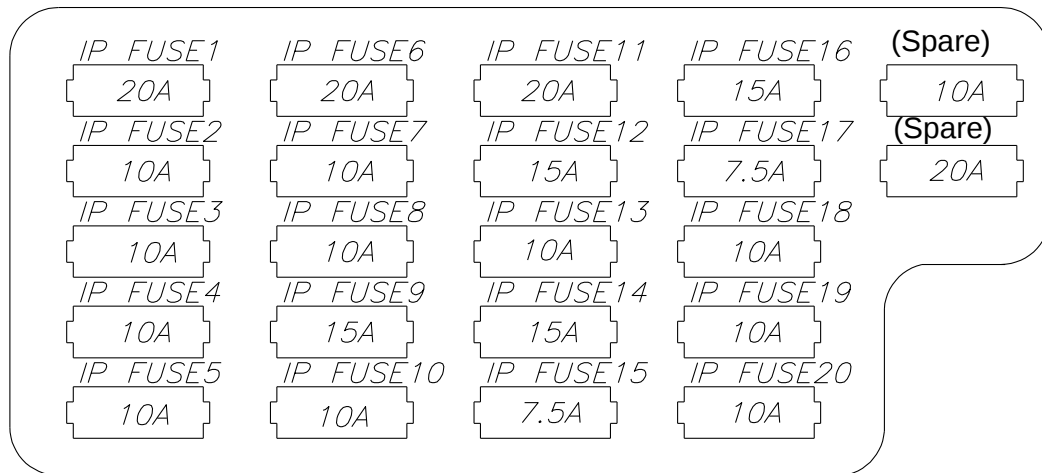


The engine compartment fuse and relay box is at left side of engine compartment. The specific function description of fuse and relay is as follows:

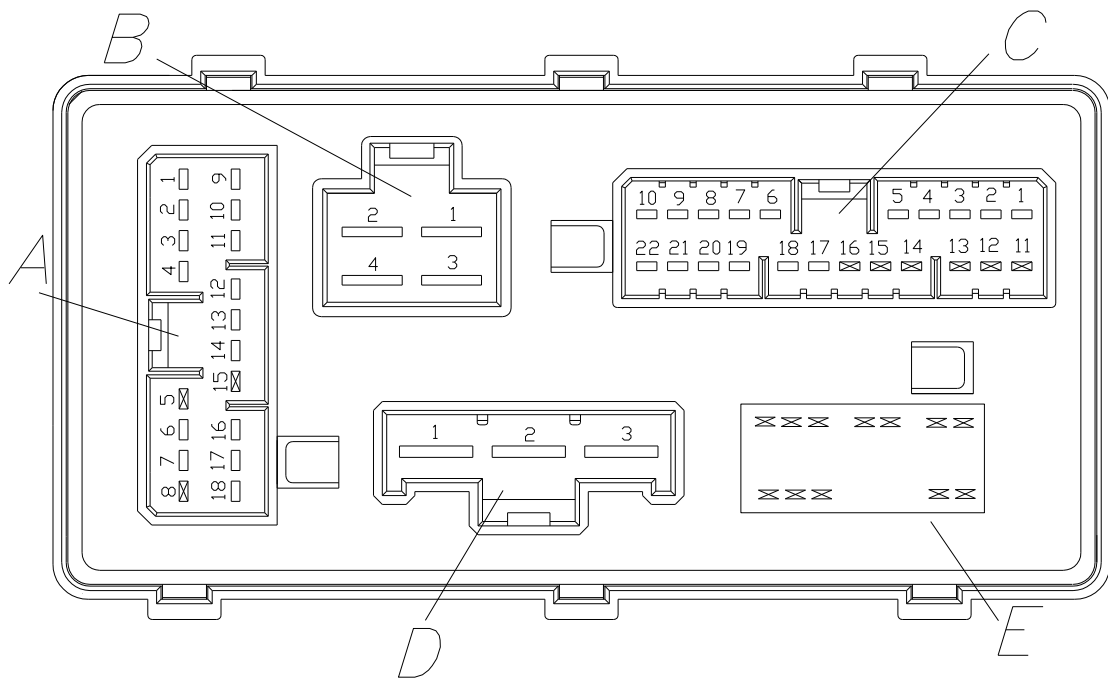
No.	Capacity	Function	No.	Capacity	Function
FB1	5A	Engine control unit EMS	FB24	5A	ABS power supply
FB2	5A	Speed sensor	FB25	10A	Standby
FB3	20A	Emergency power supply	FB26	15A	Left lower beam
FB4	5A	Standby	FB27	15A	Right lower beam
FB5	10A	Reverse lamp, generator	SB1	30A	Standby
FB6	15A	Ignition coil	SB2	30A	Engine
FB7	7.5A	Standby	SB3	30A	Starter
FB8	5A	ABS	SB4	40A	ABS pump
FB9	7.5A	Standby	SB5	20A	ABS controller
FB10	10A	Front oxygen sensor	SB6	30A	Ignition lock
FB11	10A	Rear oxygen sensor	SB7	30A	Instrument electric box
FB12	20A	Phase, charcoal canister	SB8	40A	Seat adjustment
FB13	30A	Air conditioner blower	R1		Standby
FB14	10A	Left upper beam	R2		Main relay
FB15	7.5A	Nozzle heater	R3		Starter relay
FB16	15A	Air conditioner compressor	R4		Air conditioner blower
FB17	15A	Oil pump	R5		Relay at ON position
FB18	7.5A	EMS power supply	R6		ACC relay
FB19	10A	Right upper beam	R7		Air conditioner compressor
FB20	30A	Window motor	R8		Oil pump relay
FB21	30A	Sunroof	R9		ACC relay 1
FB22	10A	Transmission	R10		Upper beam
FB23	15A	Seat heater	R11		Lower beam

2.2. Instrument Fuse Box

Front Layout:



Back Layout:



The instrument fuse box is at the left underside of instrument stand. The specific function description of fuse is as follows:

Fuse No.	Capacity	Function	Fuse No.	Capacity	Function
IP FUSE1	20A	Spare	IP FUSE11	20A	Brake switch
IP FUSE2	10A	Front BCM, port of main frame of audio equipment, on-board hands-free cell, front ceiling lamp and sunroof switch	IP FUSE12	15A	Port of main frame of audio equipment, on-board hands-free cell
IP FUSE3	10A	Engine compartment fuse and relay box	IP FUSE13	10A	Spare
IP FUSE4	10A	Lighting switch	IP FUSE14	15A	Spare
IP FUSE5	10A	Spare	IP FUSE15	7.5A	Diagnostic connector, electronic anti-theft device
IP FUSE6	20A	Cigar lighter	IP FUSE16	15A	Brake switch, deflection angle sensor, steering angle sensor
IP FUSE7	10A	Engine compartment fuse and relay box, seat heater switch	IP FUSE17	7.5A	Spare
IP FUSE8	10A	Rainfall sensor, rear-view mirror regulating switch	IP FUSE18	10A	Front BCM, combination instrument, auxiliary instrument
IP FUSE9	15A	Diagnostic connector, electronic anti-theft device	IP FUSE19	10A	Air conditioner panel, high-low pressure switch
IP FUSE10	10A	Combination instrument, auxiliary instrument, air conditioner panel, key touch switch harness connector	IP FUSE20	10A	Air bag controller

2.3. Fuse of Positive Fuse Box





PF1 terminal PF2 terminal PF3 terminal PF4 terminal PF5 terminal PF6 terminal

Connection of positive harness of battery and positive fuse box:



Connect "B+" terminal
of engine compartment
fuse and relay box

Positive harness of
battery

Connect "PF1" terminal
of positive fuse box



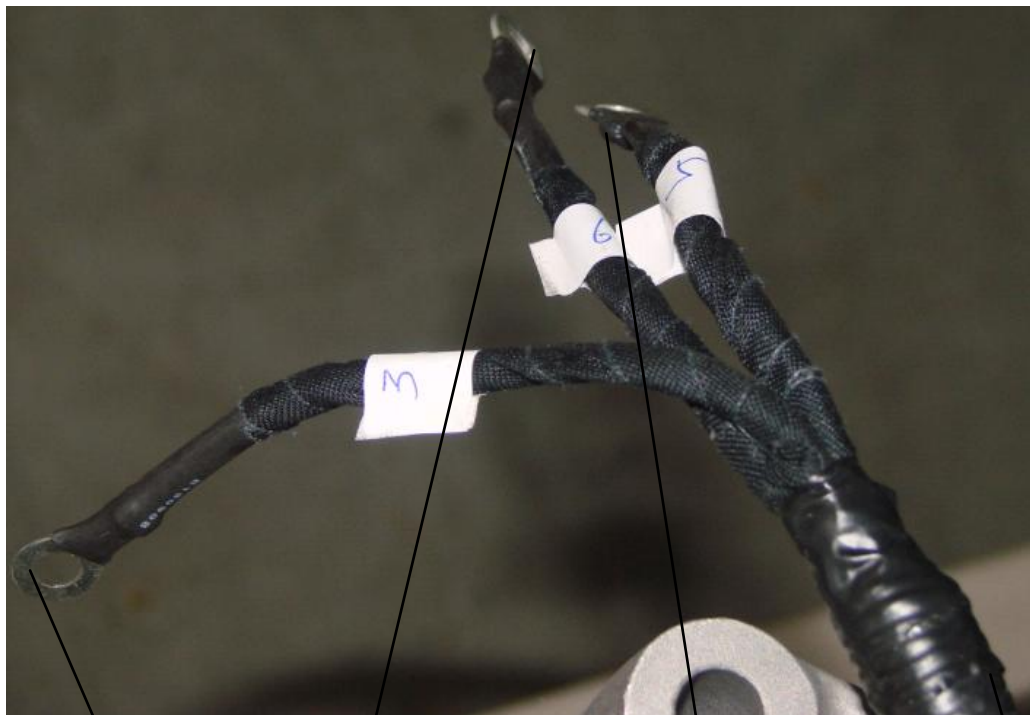
Connect generator terminal

Connector starter terminal

Positive harness of
battery

Connect "PF2" terminal of positive
fuse box

Connection of interior floor harness and positive fuse box:



Connect "PF3" terminal
of positive fuse box

Connect "PF6" terminal
of positive fuse box

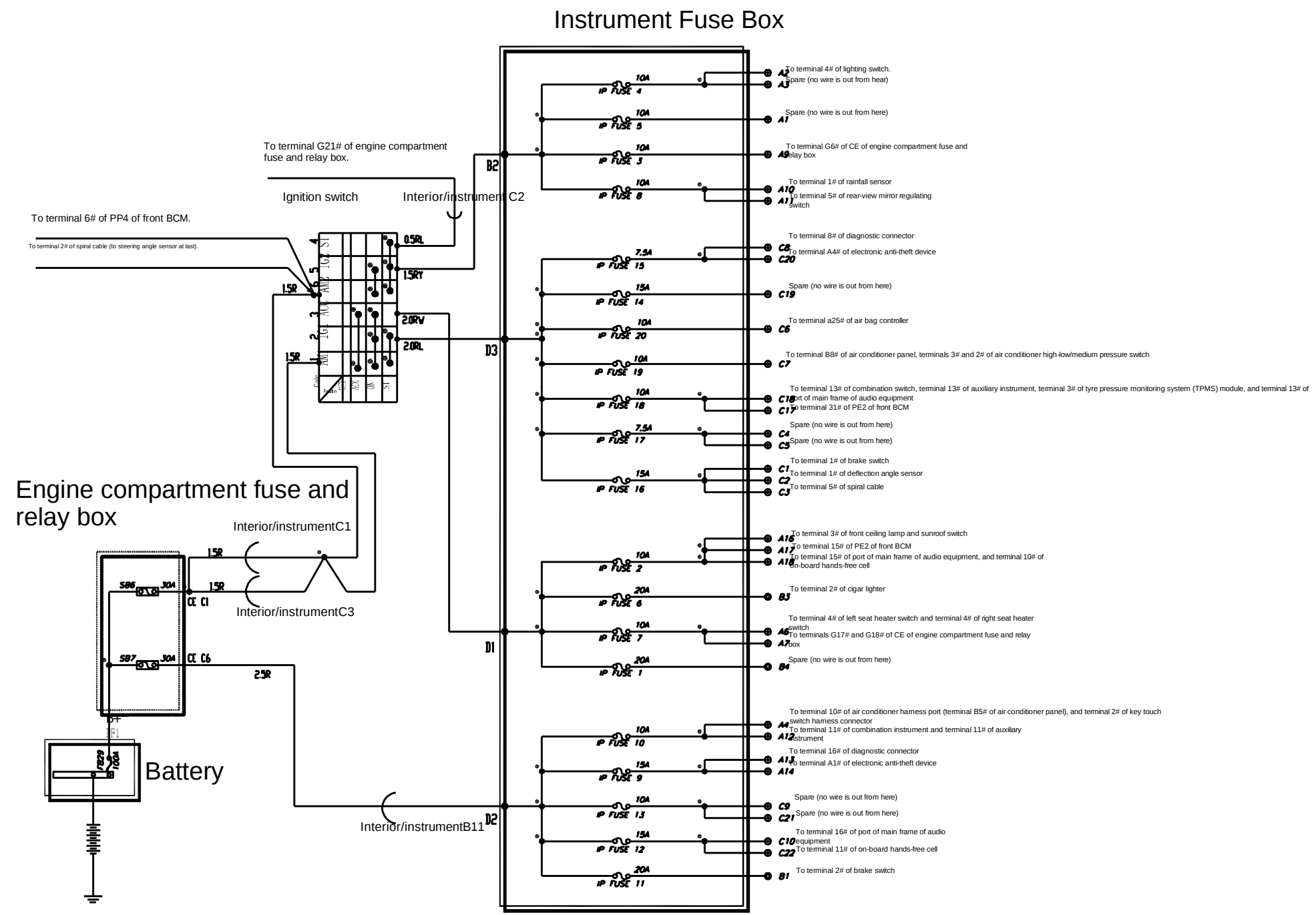
Connect "PF5" terminal
of positive fuse box

Interior floor harness

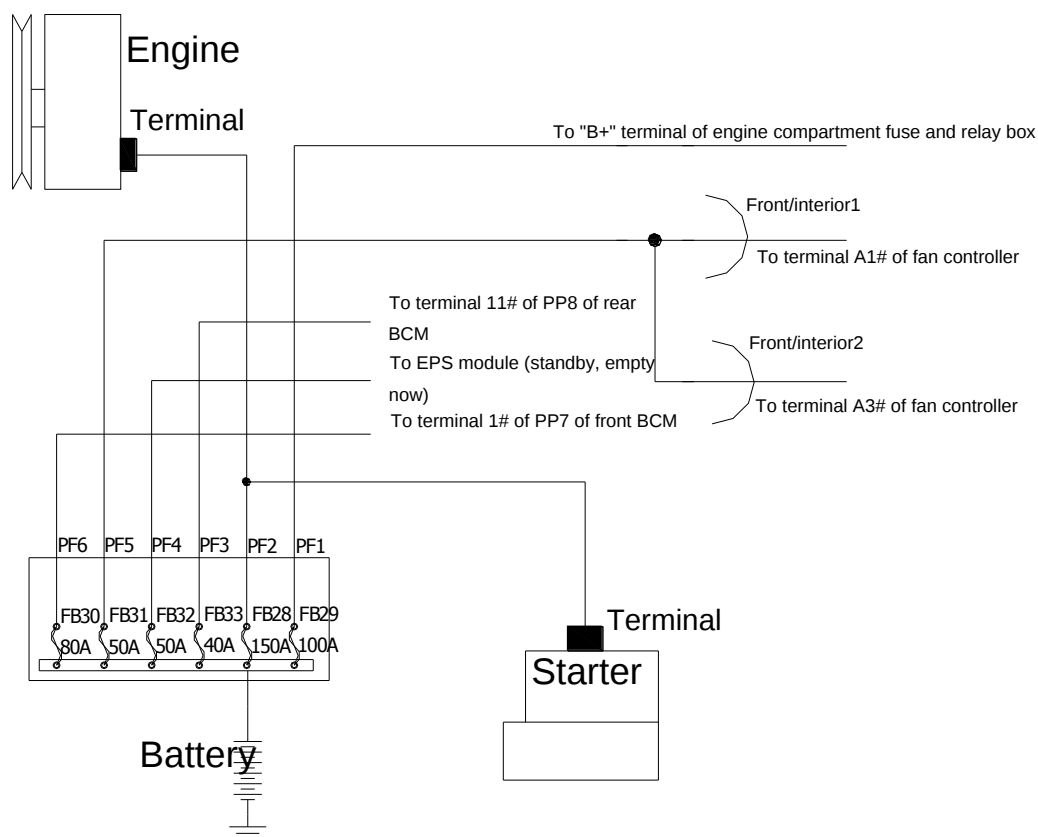
1. Interior Circuit Diagram of Engine Compartment Fuse and Relay Box

[illegible]

2. Interior Circuit Diagram of Instrument Fuse Box



3. Interior Circuit Diagram of Positive Fuse Box

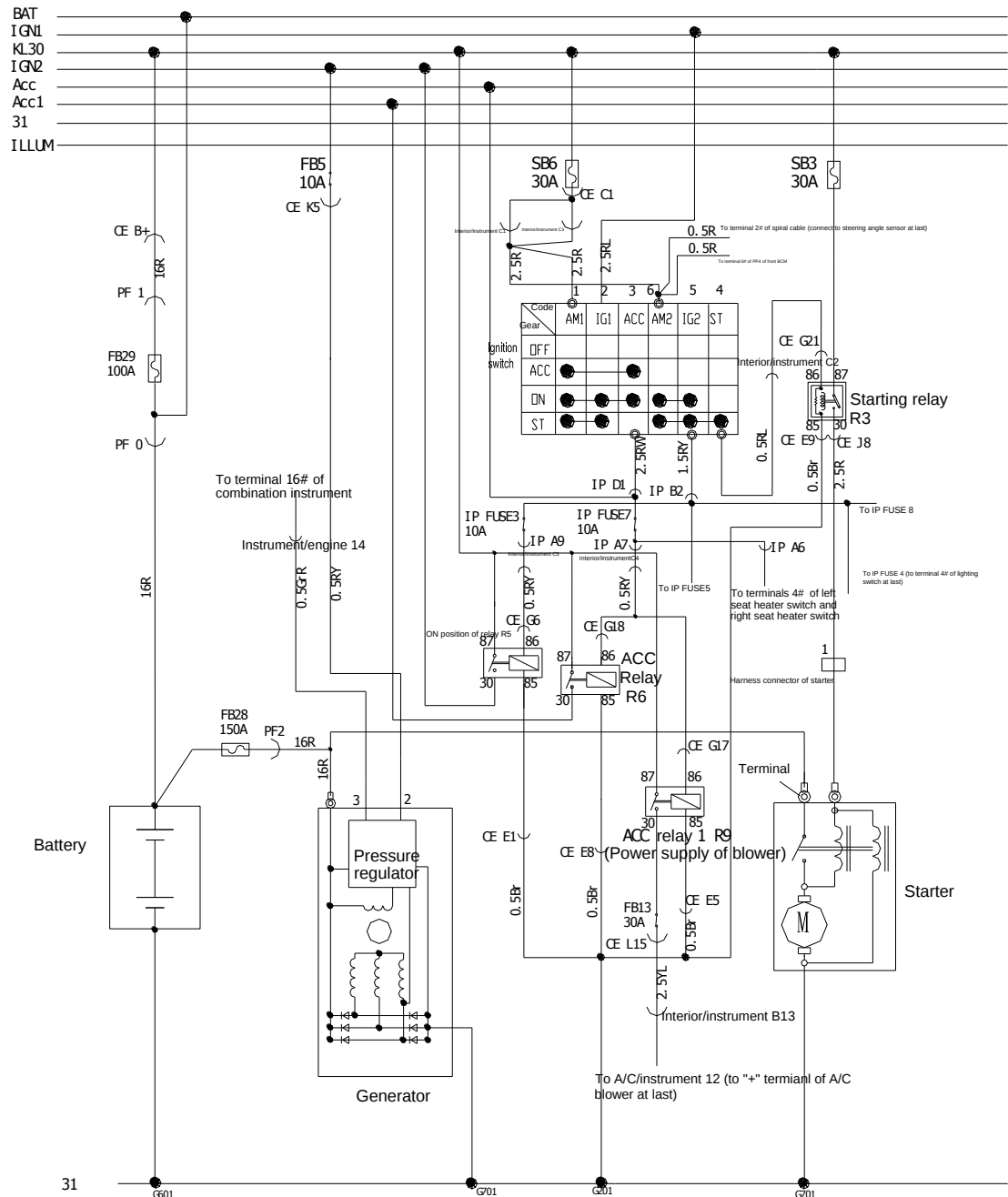


4. Mark Description

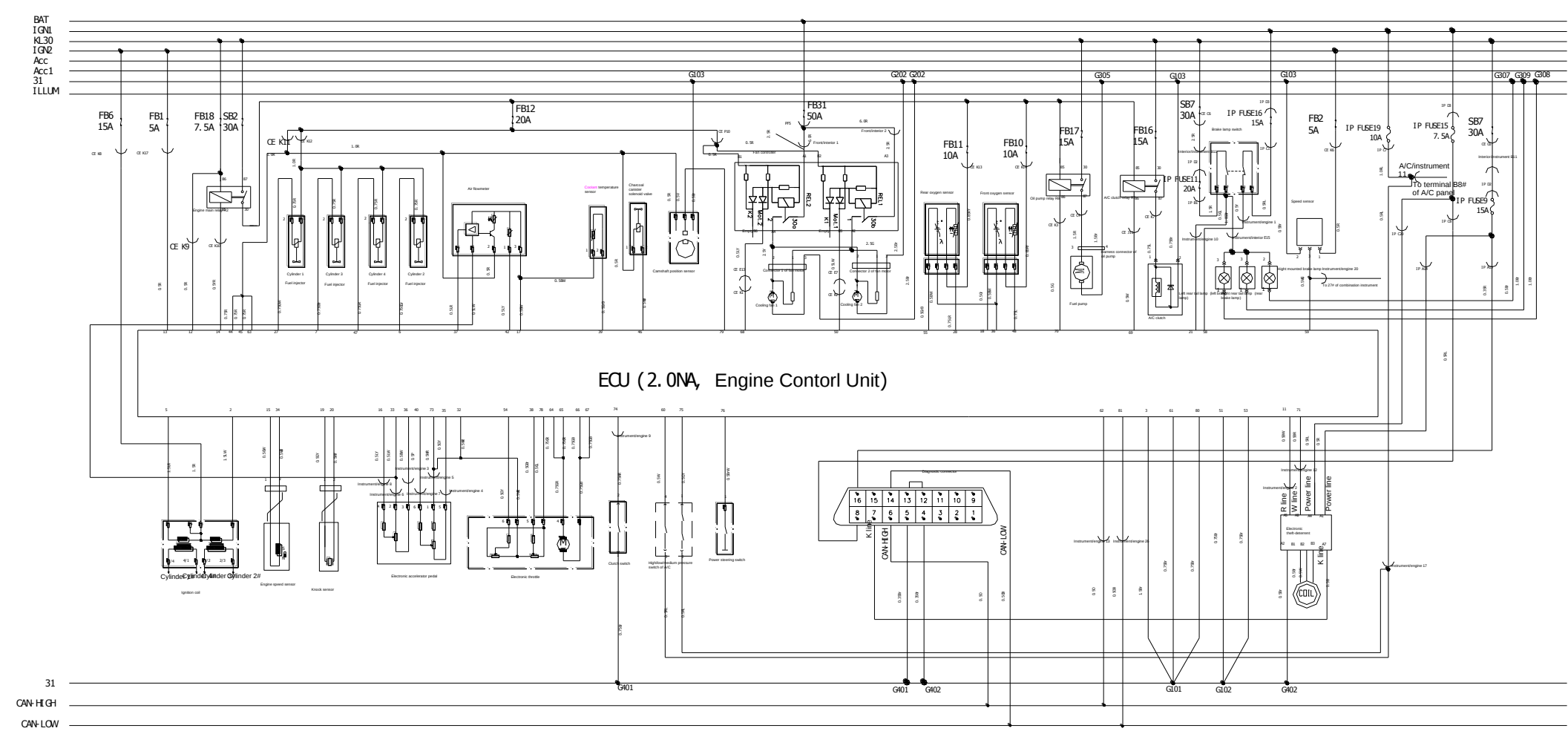
In the basic diagram of circuit, "CE Letter + Number" represents one terminal (terminal represented by number) of one connector (connector represented by letter) of engine compartment fuse and relay box, for example: CE A2; "PB + Number" represents the position of outgoing line of positive fuse box; and "IP Letter + Number" represents one terminal (terminal represented by number) of one connector (connector represented by letter) of instrument fuse box, for example: IP A2.

Chapter II Control Basic Diagram of Circuit

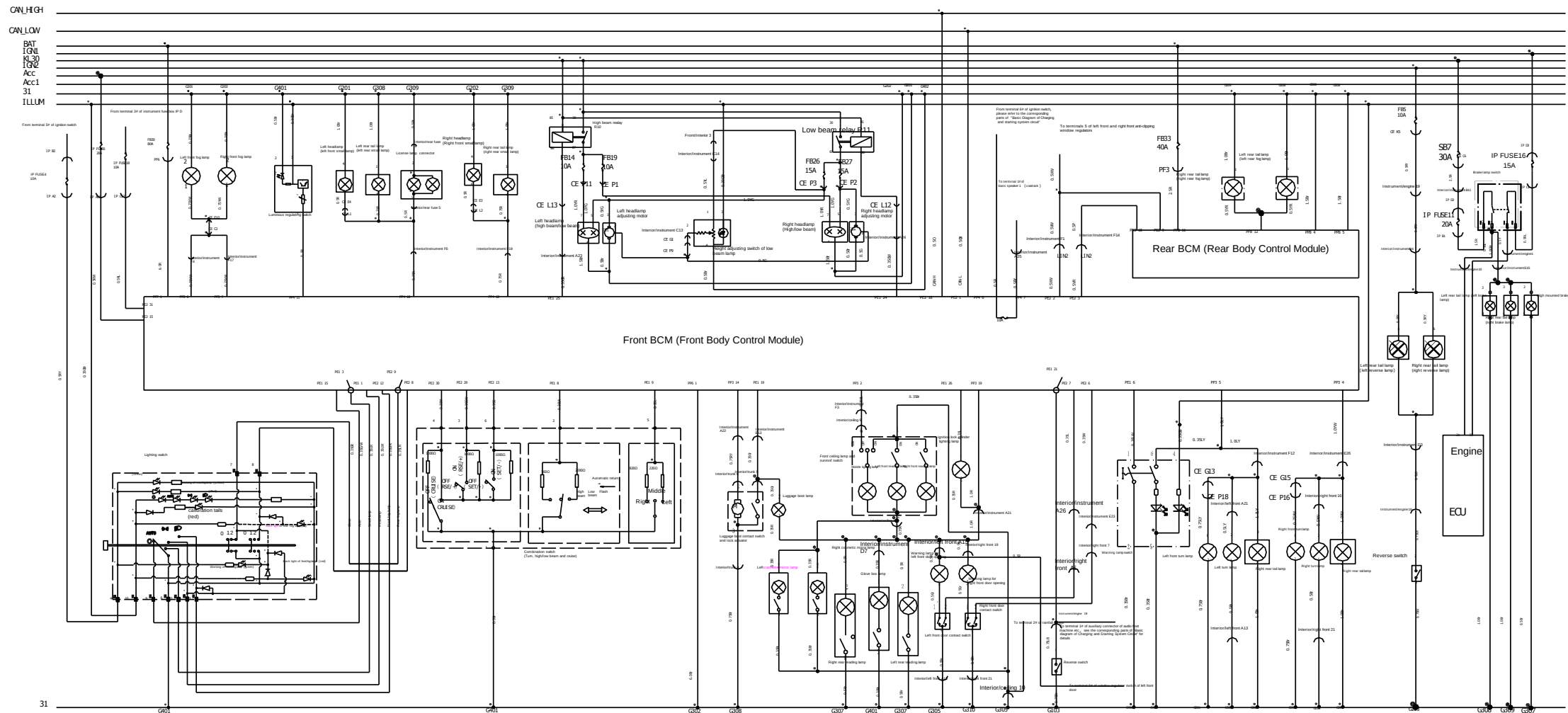
I. Starting and Charging System



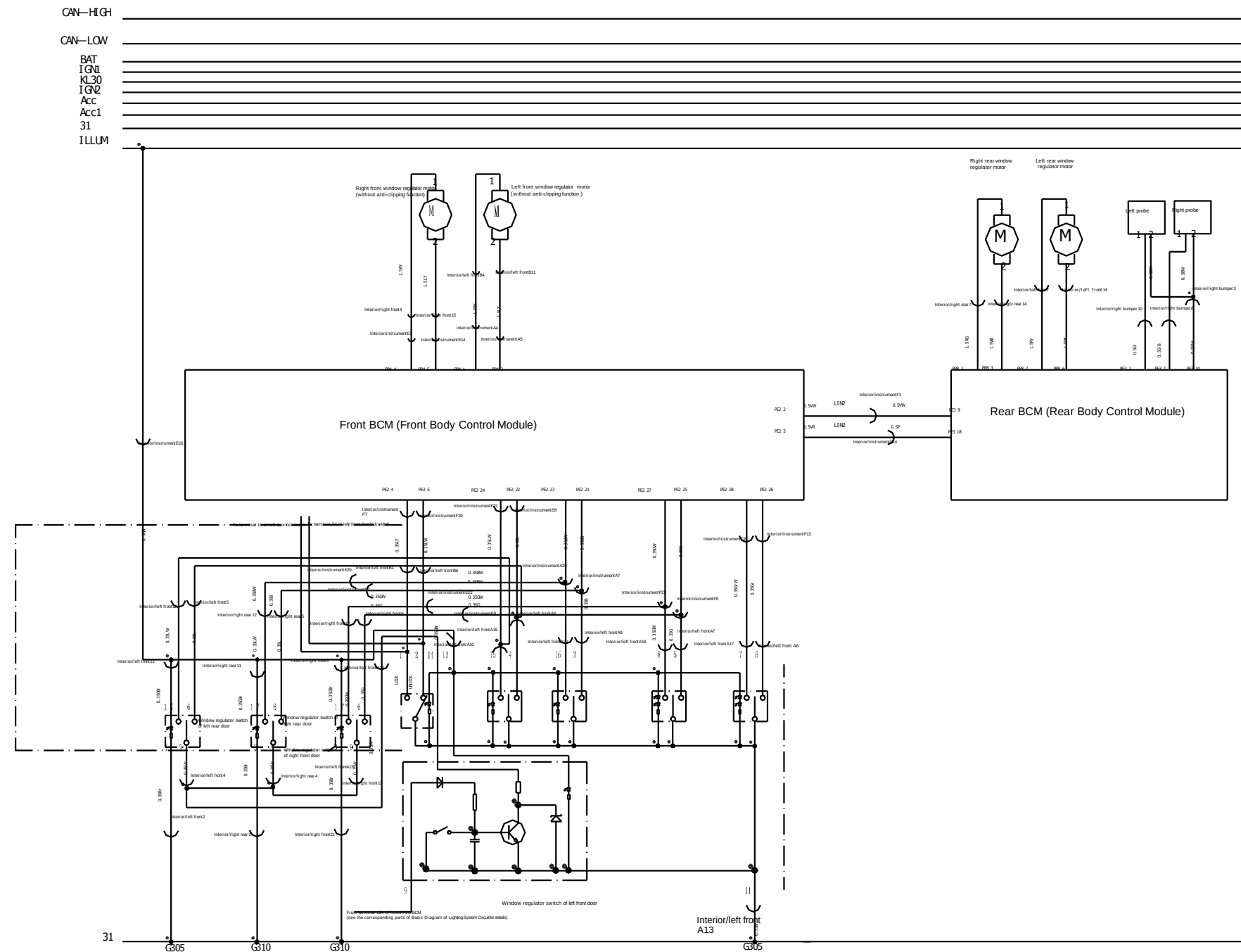
II. EFI (Electric Fuel Injection) System of Engine



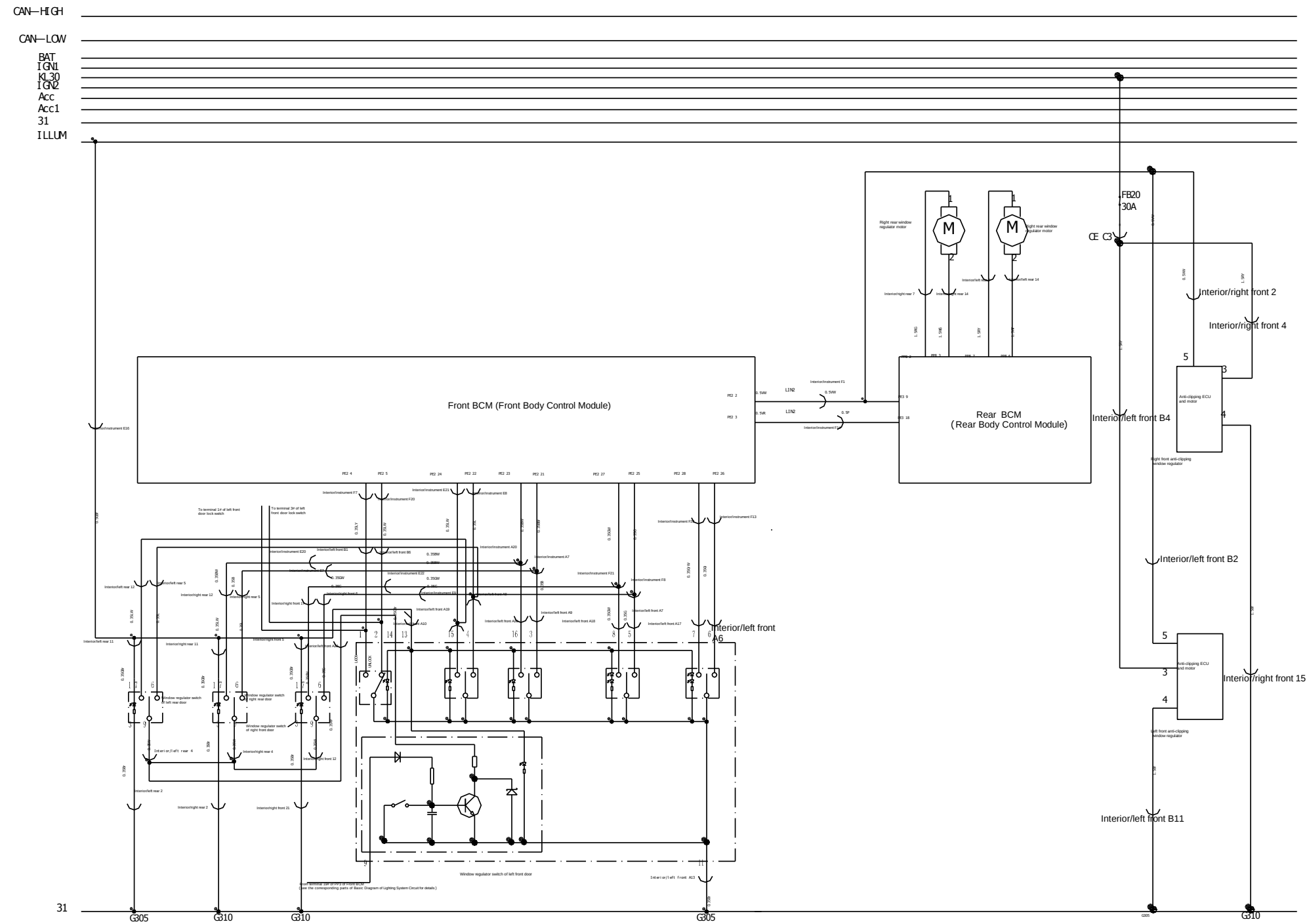
III. Lighting System



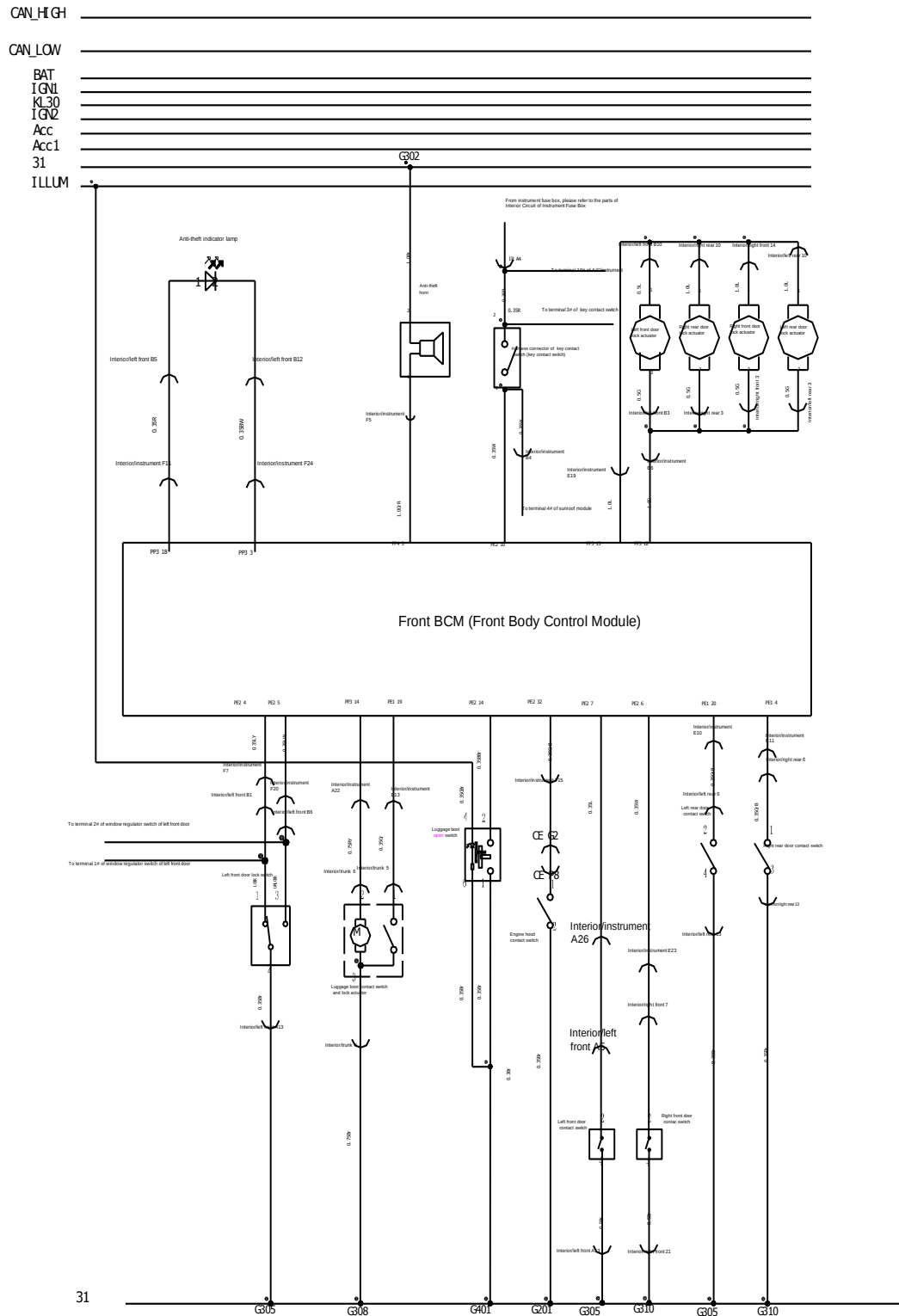
IV. Door and Window Systems (Without Anti-clipping Function)



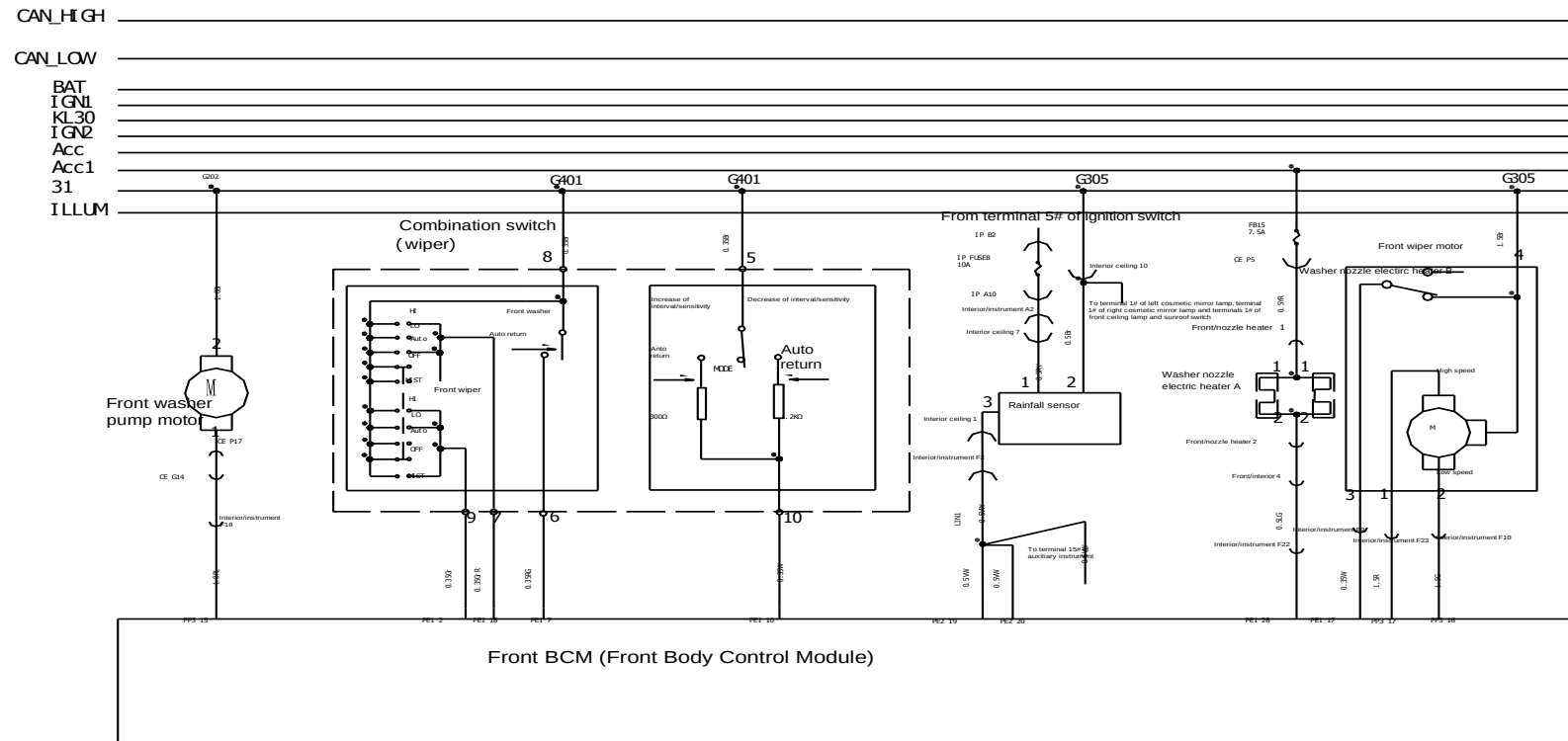
V. Door and Window Systems (Anti-clipping)



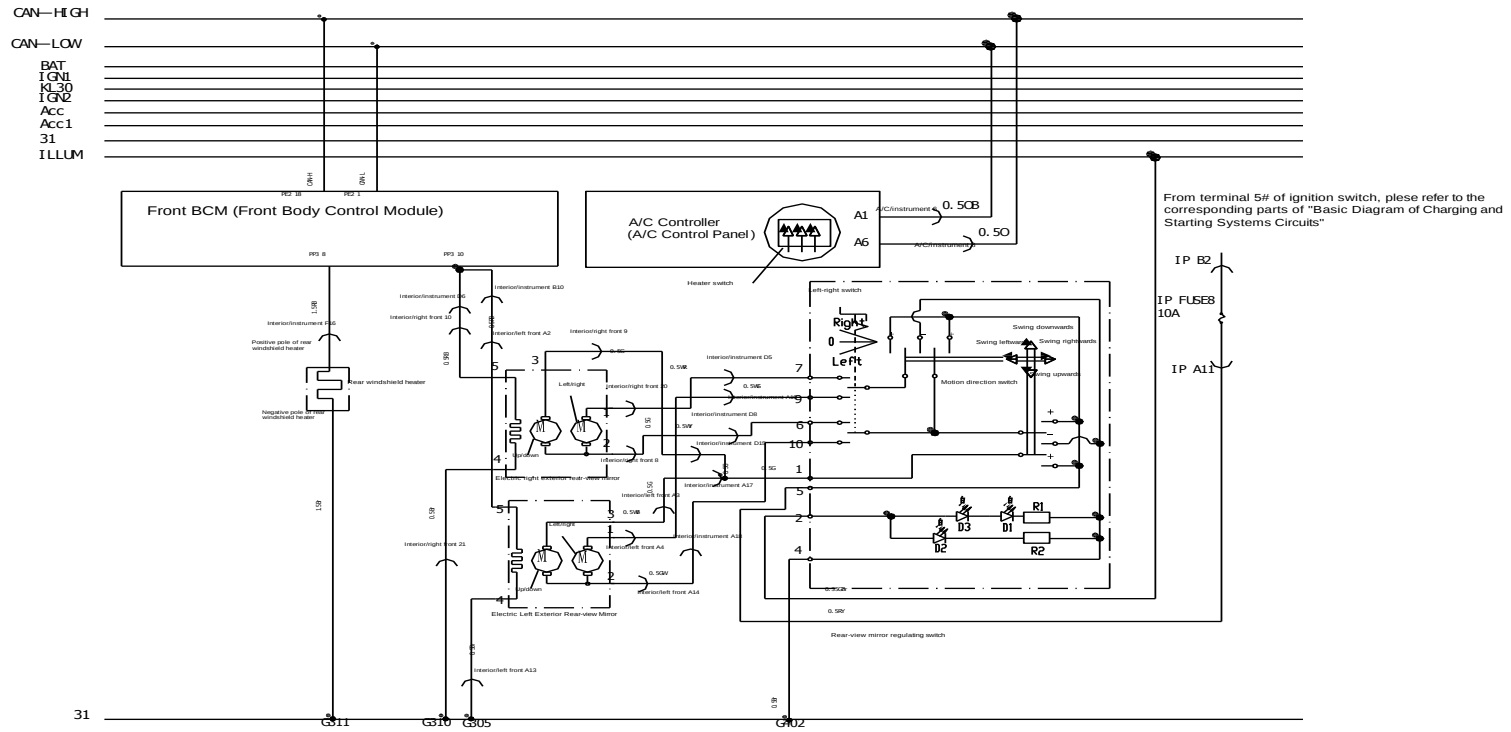
VI. Door Lock System



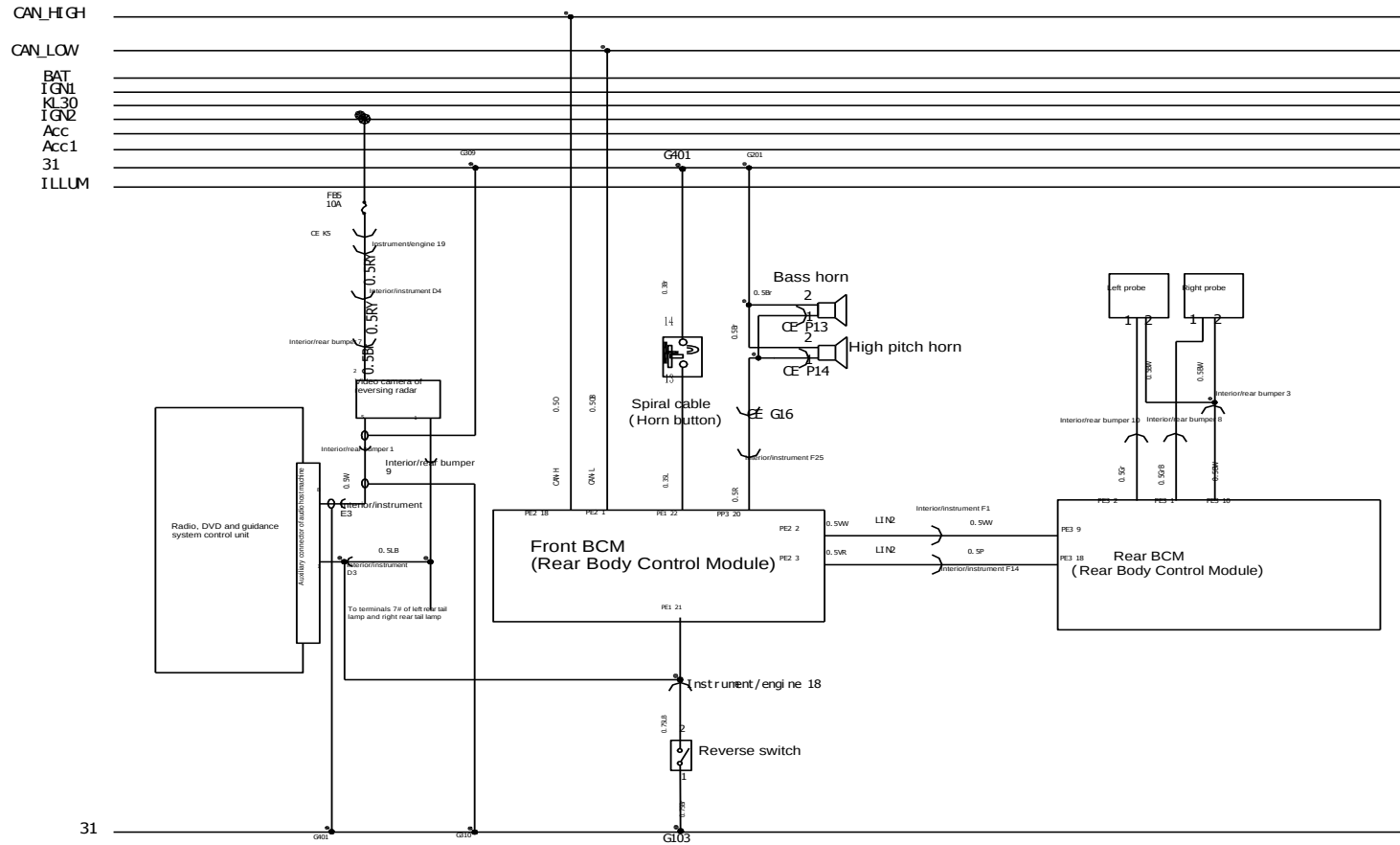
VII. Wiper System



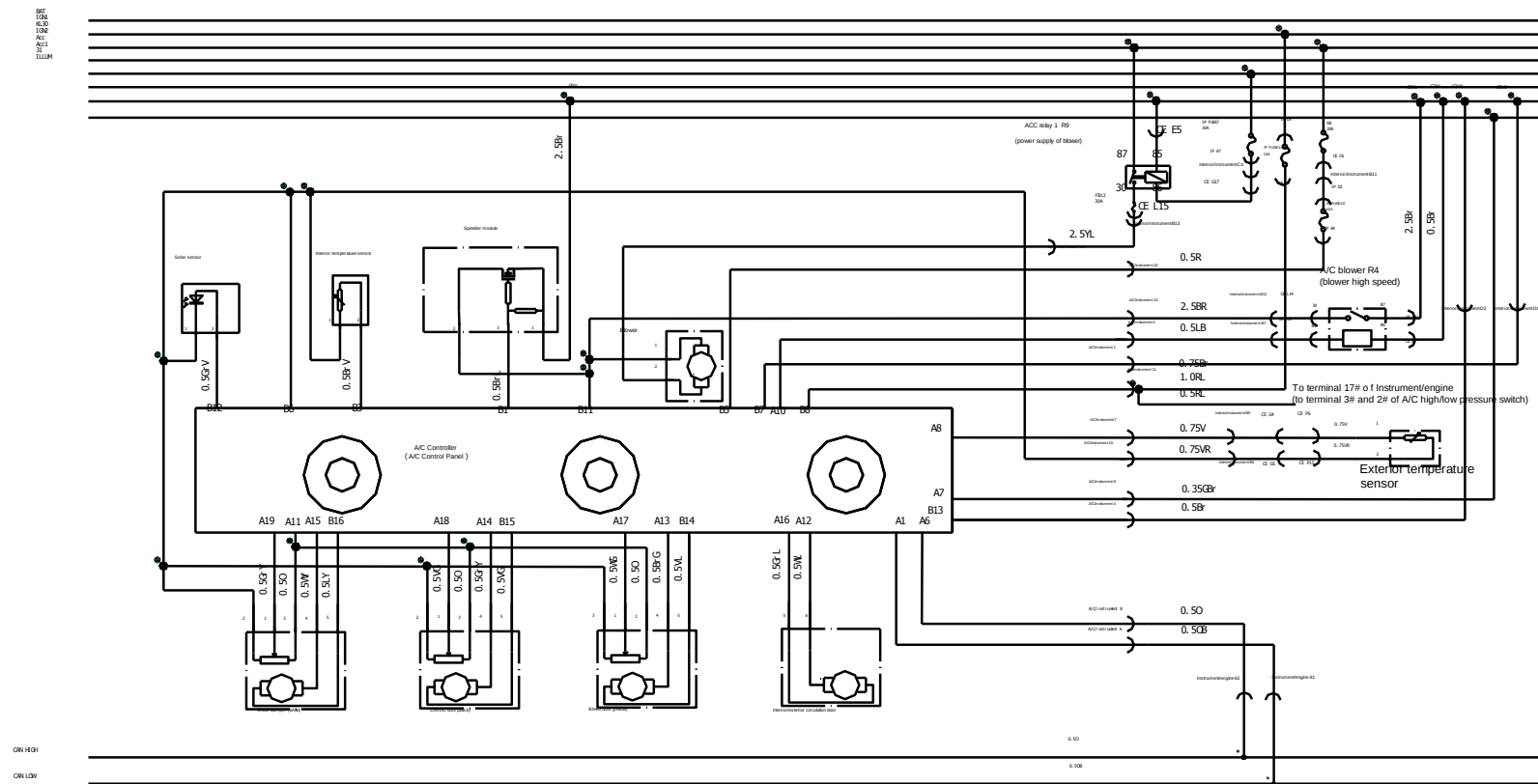
VIII. Exterior Rear-view Mirror and Rear Windshield Heating System



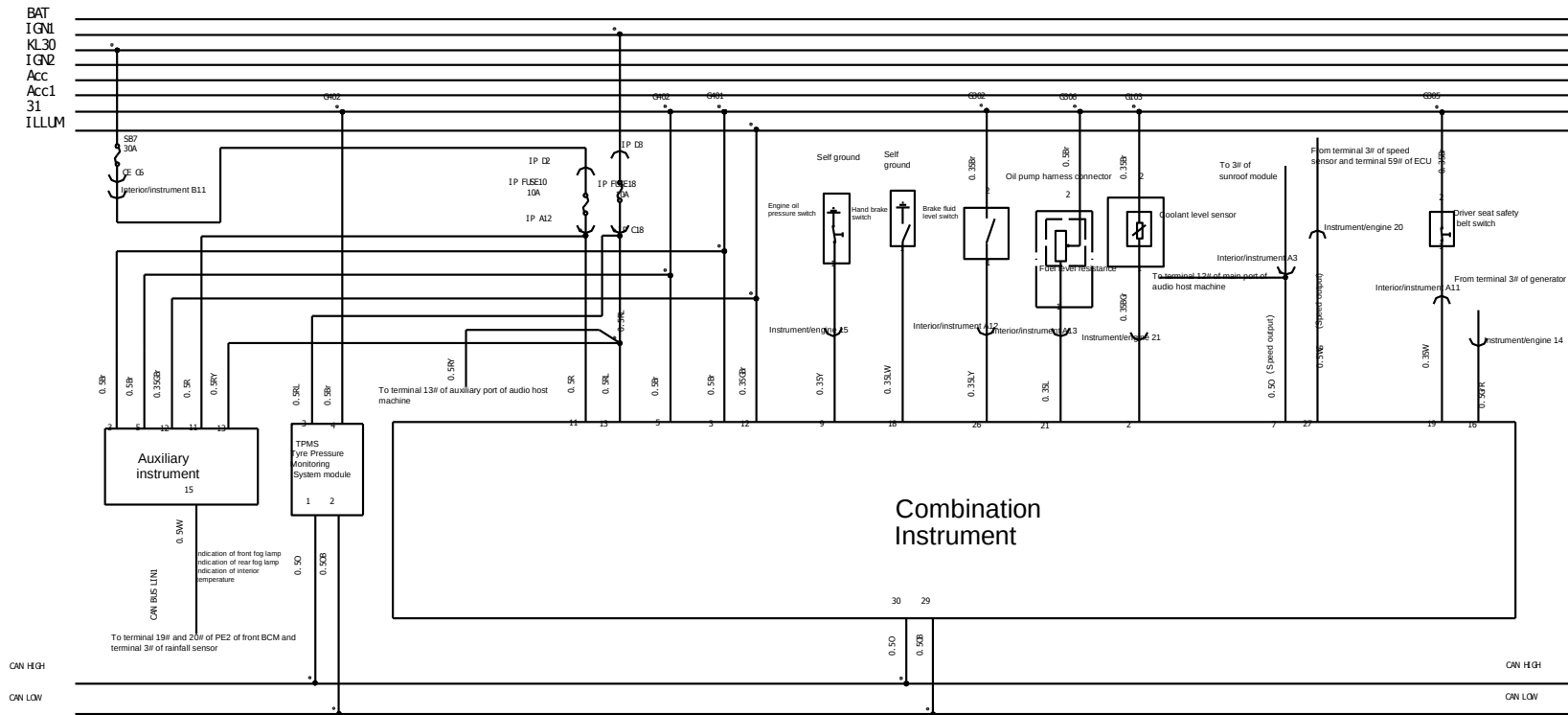
IX. Horn System and Reversing Radar System



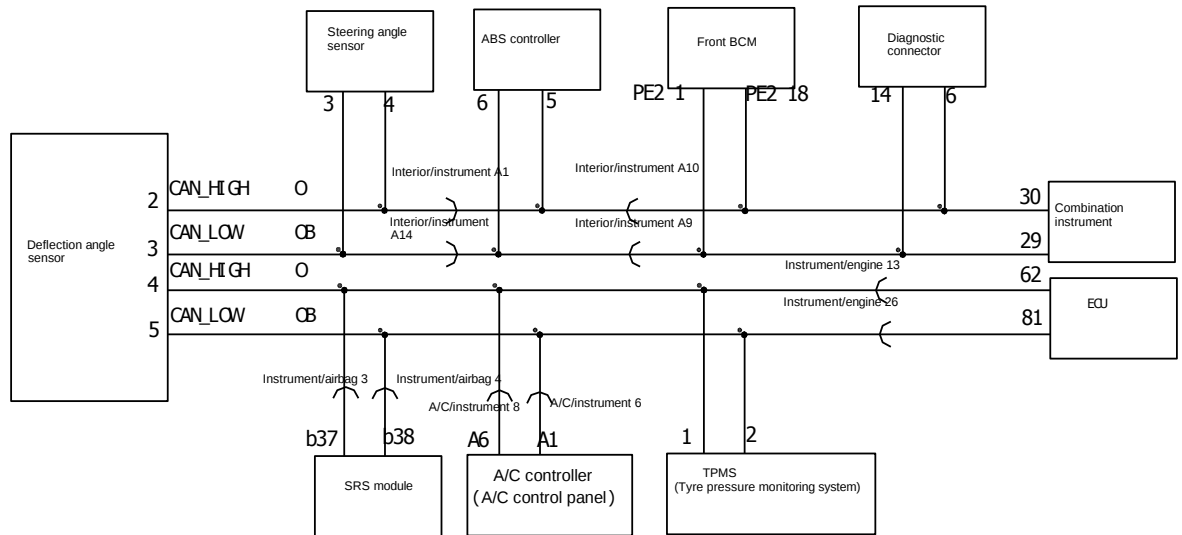
X. A/C System



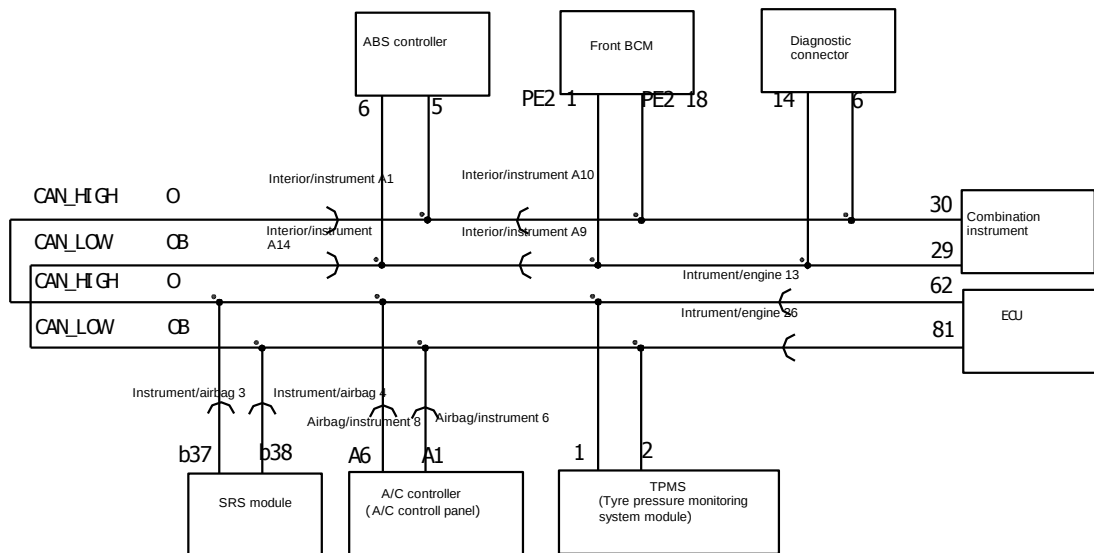
XI. Combination Instrument and Auxiliary Instrument



XII. CAN Network

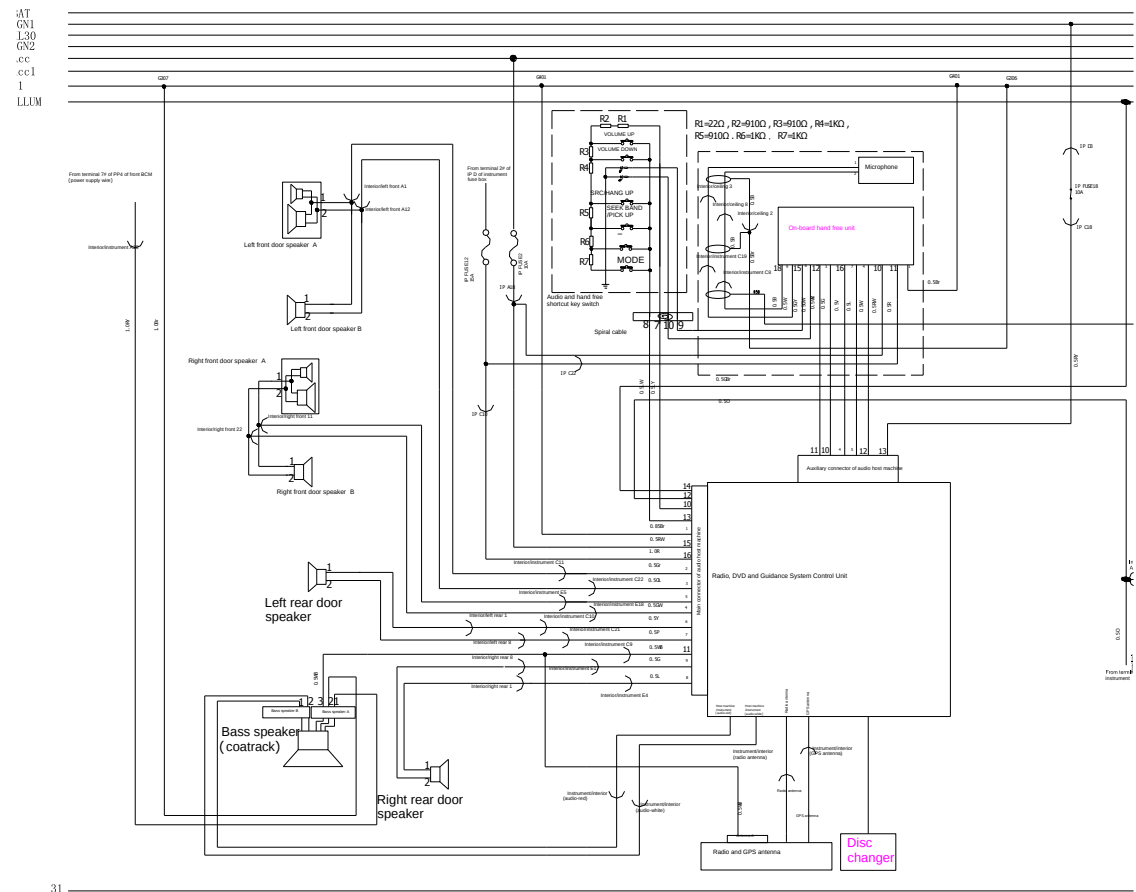


(With ESP function, namely basic diagram of CAN network circuits of vehicle equipped with deflection angle sensor)

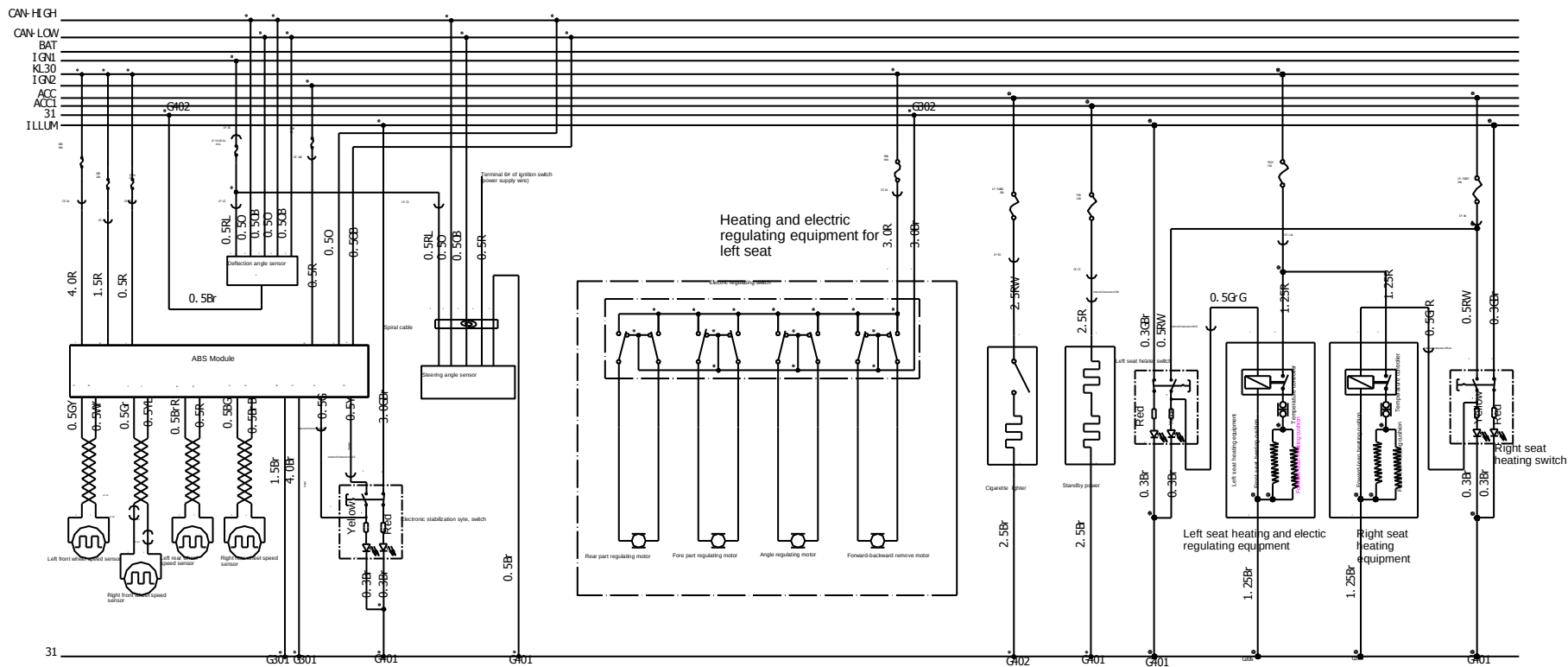


(Without ESP function, namely basic diagram of CAN network circuits of vehicle which isn't equipped with deflection angle sensor)

XIII. Audio and Sunroof System



XIV. ABS System and Electric Regulating and Heating System for Seat



XV. Definition of Main Control Module Pins

1. Definition of ECU pins

Pin No.	Function of Pin	Pin No.	Function of Pin
1	Empty	42	Air intake temperature signal terminal
2	Control terminal of ignition coil	43	Empty
3	Ground	44	Power line controlled by main relay
4	Empty	45	Power line controlled by main relay
5	Control terminal of ignition coil	46	Control terminal of charcoal canister solenoid valve
6	Control terminal of cylinder 2 nozzle	47	Control terminal of cylinder 4 nozzle
7	Control terminal of cylinder 3 nozzle	48	Control terminal of front oxygen sensor heating
8	Empty	49	Empty
9	Empty	50	Control terminal of fan low speed
10	Empty	51	Ground
11	R line of electric theft-deterrent	52	Empty
12	Normalizing wire	53	Ground
13	Power supply line of ignition switch ON position	54	Signal of throttle opening position
14	Control terminal of main relay coil	55	Signal terminal of rear oxygen sensor
15	Engine speed sensor	56	Empty
16	Signal terminal of electronic accelerator pedal	57	Empty
17	Ground terminal	58	Signal of brake lamp switch
18	Signal terminal of front oxygen sensor	59	Speed signal terminal
19	Knock sensor	60	Signal of medium pressure switch
20	Knock sensor	61	Ground
21	Signal of brake lamp switch	62	Empty
22	Empty	63	Power line controlled by main relay
23	Empty	64	Electronic throttle motor
24	Empty	65	Electronic throttle motor
25	Empty	66	Electronic throttle motor
26	Empty	67	Electronic throttle motor
27	Control terminal of cylinder 1 nozzle	68	Control terminal of fan high speed
28	Control terminal of rear oxygen sensor heating	69	Control terminal of A/C clutch relay
29	Empty	70	Control terminal of oil pump relay
30	Empty	71	W line of electric theft-deterrent

31	Empty	72	Empty
32	Power supply terminal	73	Power supply terminal
33	Power supply terminal	74	Clutch switch signal
34	Engine speed sensor	75	Signal of high/low pressure switch
35	Ground terminal	76	Signal of power steering switch
36	Ground terminal	77	Empty
37	Terminal of air flow rate signal	78	Ground
38	Signal of throttle opening position	79	Terminal of camshaft position sensor signal
39	Terminal of water temperature sensor	80	Ground
40	Terminal of electronic accelerator pedal signal	81	Empty
41	Empty		

2. Definition of Front BCM Pins

2.1. PE2 Harness Connector:

Pin No.	Function of Pin	Pin No.	Function of Pin
PE2 1	CAN-L line	PE2 17	Empty
PE2 2	LIN line	PE2 18	CAN-H line
PE2 3	LIN line	PE2 19	LIN line
PE2 4	Lock signal	PE2 20	LIN line
PE2 5	Unlock signal	PE2 21	Right rear window-down switch
PE2 6	Right front door switch	PE2 22	Left rear window-down switch
PE2 7	Left front door switch	PE2 23	Right rear window-up switch
PE2 8	Right fog lamp switch	PE2 24	Left rear window-up switch
PE2 9	Front fog lamp switch	PE2 25	Right front window-down switch
PE2 10	Key insert switch	PE2 26	Left front window-down switch
PE2 11	Empty	PE2 27	Right front window-up switch
PE2 12	Headlamp switch	PE2 28	Left front window-up switch
PE2 13	Cruise switch (SET/-)	PE2 29	Cruise switch (RES/+)
PE2 14	Trunk switch	PE2 30	Cruise switch (ON)
PE2 15	Power	PE2 31	Power
PE2 16	Empty	PE2 32	Front compartment switch

2.2. PE1 Harness Connector:

Pin No.	Function of Pin	Pin No.	Function of Pin
PE1 1	Small lamp switch	PE1 17	Washer positions of front wiper
PE1 2	Washer positions of wiper switch	PE1 18	Washer positions of wiper switch
PE1 3	"AUTO" position of lighting switch	PE1 19	Luggage boot contact switch
PE1 4	Right rear door contact switch	PE1 20	Left front door switch
PE1 5	Empty	PE1 21	Reverse lamp switch

PE1 6	Warning lamp switch	PE1 22	Horn button
PE1 7	Washer positions of front wiper switch	PE1 23	Empty
PE1 8	Upper beam switch	PE1 24	Lower beam relay
PE1 9	Turn lamp switch	PE1 25	Upper beam relay
PE1 10	MODE position of wiper switch	PE1 26	Ignition lock cylinder lighting lamp
PE1 11	Empty	PE1 27	Empty
PE1 12	Empty	PE1 28	Electric heater of washer nozzle
PE1 13	Empty	PE1 29	Empty
PE1 14	Empty	PE1 30	Empty
PE1 15	OFF position of lighting switch	PE1 31	Empty
PE1 16	Empty	PE1 32	Empty

2.3. PP3 Harness Connector:

Pin No.	Function of Pin	Pin No.	Function of Pin
PP3 1	Empty	PP3 11	Empty
PP3 2	Ceiling lamp switch	PP3 12	Unlock (lock actuator)
PP3 3	Anti-theft indicator lamp	PP3 13	Lock (lock actuator)
PP3 4	Right turn lamp	PP3 14	Trunk motor
PP3 5	Left turn lamp	PP3 15	Front washer pump motor
PP3 6	Front fog lamp	PP3 16	Low-speed wiper motor
PP3 7	Front fog lamp	PP3 17	High-speed wiper motor
PP3 8	Rear windshield heating	PP3 18	Anti-theft indicator lamp
PP3 9	Empty	PP3 19	Ignition lock cylinder lighting lamp
PP3 10	Rear-view mirror heating	PP3 20	High pitch/bass speaker

2.4. PP4 Harness Connector:

Pin No.	Function of Pin	Pin No.	Function of Pin
PP4 1	Left front window motor (up)	PP4 7	To bass speaker
PP4 2	Left front window motor (down)	PP4 8	Empty
PP4 3	Anti-theft horn	PP4 9	Empty
PP4 4	Right front window motor (up)	PP4 10	Left small lamp
PP4 5	Right front window motor (down)	PP4 11	luminous regulating switch
PP4 6	Power	PP4 12	Right small lamp

3. Definition of Right BCM Pins

3.1. PE3 Harness Connector:

Pin No.	Function of Pin	Pin No.	Function of Pin
PE3 1	Right probe	PE3 10	Probe ground
PE3 2	Left probe	PE3 11	Empty
PE3 3	Empty	PE3 12	Empty

PE3 4	Empty	PE3 13	Empty
PE3 5	Empty	PE3 14	Empty
PE3 6	Empty	PE3 15	Empty
PE3 7	Empty	PE3 16	Empty
PE3 8	Empty	PE3 17	Empty
PE3 9	LIN line	PE3 18	LIN line

3.2. PP8 Harness Connector:

Pin No.	Function of Pin	Pin No.	Function of Pin
PP8 1	Empty	PP8 8	Empty
PP8 2	Right rear window motor (up)	PP8 9	Empty
PP8 3	Right rear window motor (down)	PP8 10	Empty
PP8 4	Ground	PP8 11	Power
PP8 5	Ground	PP8 12	Rear fog lamp
PP8 6	Left right window motor (up)	PP8 13	Empty
PP8 7	Left right window motor (down)		

4. Definition of Instrument Pins

Pin No.	Function of Pin	Pin No.	Function of Pin
1	Empty	17	Empty
2	Coolant level sensor	18	Hand brake switch
3	Ground	19	Driver seat safety belt switch
4	Empty	20	Empty
5	Ground	21	Fuel sensor
6	Empty	22	Empty
7	Speed input	23	Empty
8	Empty	24	Empty
9	Engine oil pressure switch	25	Empty
10	Empty	26	Brake fluid level switch
11	Power	27	Speed input
12	Instrument lighting	28	Empty
13	Power	29	CAN-L
14	Empty	30	CAN-H
15	Empty	31	Empty
16	Charging/discharging indicator lamp of battery	32	Empty

5. Definition of ABS Module Pins

Pin No.	Function of Pin	Pin No.	Function of Pin
1	Power	20	Empty
2	Empty	21	Empty
3	Right front wheel speed sensor	22	Empty
4	Right front wheel speed sensor	23	Empty
5	CAN-H	24	Empty
6	CAN-L	25	Power
7	Power	26	Empty
8	Empty	27	Left front wheel speed sensor
9	Empty	28	Left front wheel speed sensor
10	Right rear wheel speed sensor	29	ESP lamp (output)
11	Right rear wheel speed sensor	30	Empty
12	Empty	31	ESP switch (input)
13	Ground	32	Empty
14	Empty	33	Power
15	Empty	34	Empty
16	Empty	35	Left rear wheel speed sensor
17	Empty	36	Left rear wheel speed sensor
18	Empty	37	Empty
19	Empty	38	Ground

6. Definition of A/C Control Module Pins

6.1. A Harness Connector:

Pin No.	Function of Pin	Pin No.	Function of Pin
1	CAN-H	11	Power of sensor
2	Empty	12	Negative terminal of interior/exterior circulation motor
3	Empty	13	Negative terminal of bleed door motor
4	Empty	14	Negative terminal of defrost door motor
5	Empty	15	Negative terminal of mode damper motor
6	CAN-L	16	Negative terminal of interior/exterior circulation motor
7	Panel lighting	17	Bleed door sensor
8	Outdoor temperature sensor	18	Defrost door sensor
9	Empty	19	Mode damper sensor
10	Control terminal of A/C blower relay R4	20	Empty

6.2. B Harness Connector:

Pin No.	Function of Pin	Pin No.	Function of Pin
1	Blower speed signal	9	Empty
2	Empty	10	Empty
3	Indoor temperature sensor	11	Blower drive signal
4	Empty	12	Solar sensor
5	Power	13	Ground
6	Ground	14	Positive terminal of bleed door motor
7	Ground	15	Positive terminal of defrost door motor
8	Power	16	Positive terminal of mode damper motor

7. Definition of Radio, DVD and Guidance System Control Module Pins

7.1. Main Port:

Pin No.	Function of Pin	Pin No.	Function of Pin
1	Ground	9	Negative terminal of right rear door speaker
2	Positive terminal of left front door speaker	10	Power of steering wheel shortcut key
3	Negative terminal of left front door speaker	11	Amplifier signal
4	Negative terminal of right front door speaker	12	Speed signal
5	Positive terminal of right front door speaker	13	Signal of steering wheel shortcut key
6	Positive terminal of left rear door speaker	14	Panel lighting
7	Negative terminal of left rear door speaker	15	Power
8	Positive terminal of right rear door speaker	16	Power

7.2. Auxiliary Port:

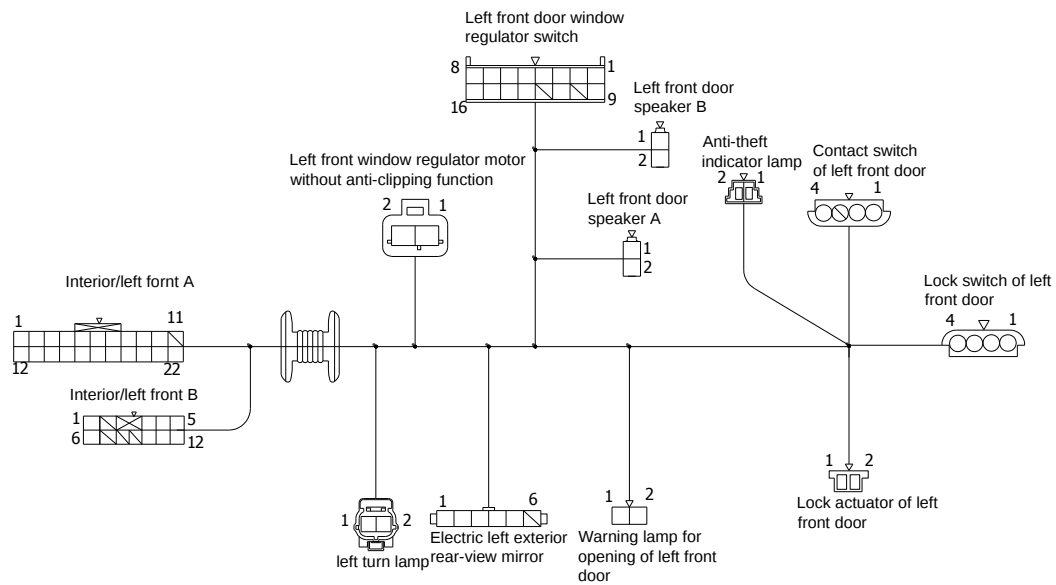
Pin No.	Function of Pin	Pin No.	Function of Pin
1	Reverse switch	9	Empty
2	Empty	10	Power of steering wheel shortcut key
3	Empty	11	Signal of steering wheel shortcut key
4	Positive terminal of audio signal	12	MUTE function signal
5	Negative terminal of audio signal	13	Power
6	Empty	14	Empty
7	Empty	15	Empty
8	Video camera of reversing radar	16	Empty

Chapter III Harness Diagram

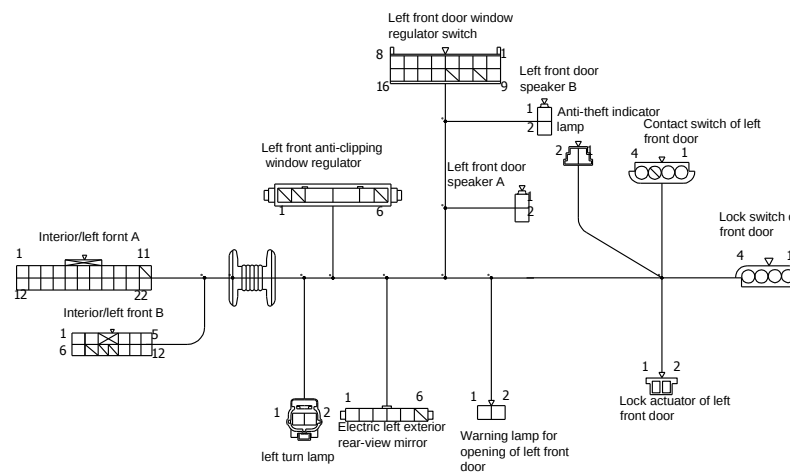
I. Left Front Door Harness

(I). Harness Diagram

1. Left front door harness (M11-3724070; left front window regulator motor without anti-clipping function)



2. Left front door harness (M11-3724070BA; left front window regulator motor with anti-clipping function)



(II). Description of Connector Pins

1. Left front door harness (11-3724070; left front window regulator motor without anti-clipping function)

No.	Connector Name	Pin No.	Connect to	Remark
1	Interior/left front A	1	Terminal 1# of left front door speaker, and terminal 1# of left front door speaker B	
		2	Terminal 5# of electric left exterior rear-view mirror	
		3	Terminal 3# of electric left exterior rear-view mirror	
		4	Terminal 1# of electric left exterior rear-view mirror	
		5	Terminal 2# of contact switch of left front door	
		6	Terminal 6# of left front door window regulator switch	
		7	Terminal 5# of left front door window regulator switch	
		8	Terminal 4# of left front door window regulator switch	
		9	Terminal 3# of left front door window regulator switch	
		10	Terminal 13# of left front door window regulator switch	
		11	Empty	
		12	Terminal 2# of left front door speaker A, and Terminal 2# of left front door speaker B	
		13	Terminal 1# of left turn lamp, terminal 4# of contact switch of left front door, terminal 11# of left front door window regulator switch, terminal 2# of lock switch of left front door, and terminal 4# of electric left exterior rear-view mirror	
		14	Terminal 2# of electric left exterior rear-view mirror	
		15	Terminal 1# of warning lamp for opening of left front door, and terminal 9# of left front door window regulator switch	
		16	Terminal 4# of lock switch of left front door	
		17	terminal 7# of left front door window regulator switch	
		18	terminal 8# of left front door window regulator switch	
		19	terminal 15# of left front door window regulator switch	
		20	terminal 16# of left front door window regulator switch	

		21	Terminal 2# of left turn lamp	
		22	terminal 14# of left front door window regulator switch	
2	Interior/left front B	1	terminal 1# of left front door window regulator switch, and terminal 1# of lock switch of left front door	
		2	Empty	
		3	terminal 2# of lock switch of left front door	
		4	Terminal 1# of left front window regulator motor (without anti-clipping function)	
		5	Terminal 1# of anti-theft indicator lamp	
		6	terminal 2# of left front door window regulator switch, and terminal 3# of lock switch of left front door	
		7	Empty	
		8	Empty	
		9	Empty	
		10	Terminal 1# of lock actuator of left front door	
		11	Terminal 2# of left front window regulator motor (without anti-clipping function)	
		12	Terminal 2# of anti-theft indicator lamp	
3	Left front window regulator motor (without anti-clipping function)	1	Interior/left front B4#	
	Left front window regulator motor (without anti-clipping function)	2	Interior/left front B11#	
4	Electric left exterior rear-view mirror	1	Interior/left front A4#	
		2	Interior/left front A14#	
		3	Interior/left front A3#	
		4	Interior/left front A13#	
		5	Interior/left front A2#	
		6	Empty	
5	Warning lamp for opening of left front door	1	Interior/left front A15#	
		2	Terminal 1# of contact switch of left front door	
6	Lock actuator of left front door	1	Interior/left front B10#	
		2	Interior/left front B3#	
7	Lock switch of left front door	1	Interior/left front B1#	
		2	Interior/left front A13#	
		3	Interior/left front B6#	
		4	Interior/left front A16#	
8	Contact switch of left front door	1	Terminal 2# of warning lamp for opening of left front door	

		2	Interior/left front A5#	
		3	Empty	
		4	Interior/left front A13#	
9	Anti-theft indicator lamp	1	Interior/left front B5#	
		2	Interior/left front B12#	
10	Left front door speaker A	1	Interior/left front A1#	
		2	Interior/left front A12#	
11	Left front door speaker B	1	Interior/left front A1#	
		2	Interior/left front A12#	
12	Left front door window regulator switch	1	Interior/left front B1#	
		2	Interior/left front B6#	
		3	Interior/left front A9#	
		4	Interior/left front A8#	
		5	Interior/left front A7#	
		6	Interior/left front A6#	
		7	Interior/left front A17#	
		8	Interior/left front A18#	
		9	Interior/left front A15#	
		10	Empty	
		11	Interior/left front A13#	
		12	Empty	
		13	Interior/left front A10#	
12	Left front door window regulator switch	14	Interior/left front A22#	
		15	Interior/left front A19#	
		16	Interior/left front A20#	
13	Left front window regulator motor (without anti-clipping function)	1	Interior/left front B4#	
		2	Interior/left front B11#	

2. Left front door harness (M11-3724070BA; left front window regulator motor with anti-clipping function)

No.	Connector Name	Pin No.	Connect to	Remark
1	Interior/left front A	1	Terminal 1# of left front door speaker A, and terminal 1# of left front door speaker B	
		2	Terminal 5# of electric left exterior rear-view mirror	
		3	Terminal 3# of electric left exterior rear-view mirror	
		4	Terminal 1# of electric left exterior rear-view mirror	
		5	Terminal 2# of contact switch of left front door	
		6	Terminal 6# of left front door window regulator switch	
		7	Terminal 5# of left front door window regulator switch	

		8	Terminal 4# of left front door window regulator switch	
		9	Terminal 3# of left front door window regulator switch	
		10	Terminal 13# of left front door window regulator switch	
		11	Empty	
		12	Terminal 2# of left front door speaker A, and terminal 2# of left front door speaker B	
		13	Terminal 1# of left turn lamp, terminal 4# of contact switch of left front door, terminal 11# of left front door window regulator switch, terminal 2# of lock switch of left front door, and terminal 4# of electric left exterior rear-view mirror	
		14	terminal 2# of electric left exterior rear-view mirror	
		15	Terminal 1# of warning lamp for opening of left front door, and terminal 9# of left front door window regulator switch	
		16	Terminal 4# of lock switch of left front door	
		17	Terminal 7# of left front door window regulator switch	
		18	Terminal 8# of left front door window regulator switch	
		19	Terminal 15# of left front door window regulator switch	
		20	Terminal 16# of left front door window regulator switch	
		21	Terminal 2# of left turn lamp	
		22	Terminal 14# of left front door window regulator switch	
2	Interior/left front B	1	Terminal 1# of left front door window regulator switch, and terminal 1# of lock switch of left front door	
		2	Terminal 5# of left front anti-clipterminalg window regulator	
		3	Terminal 2# of lock actuator of left front door	
		4	Terminal 3# of lock actuator of left front door	
		5	Terminal 1# of anti-theft indicator lamp	
		6	Terminal 2# of left front door window regulator switch, and terminal 3# of lock switch of left front door	
		7	Empty	
2	Interior/left front B	8	Empty	
		9	Empty	

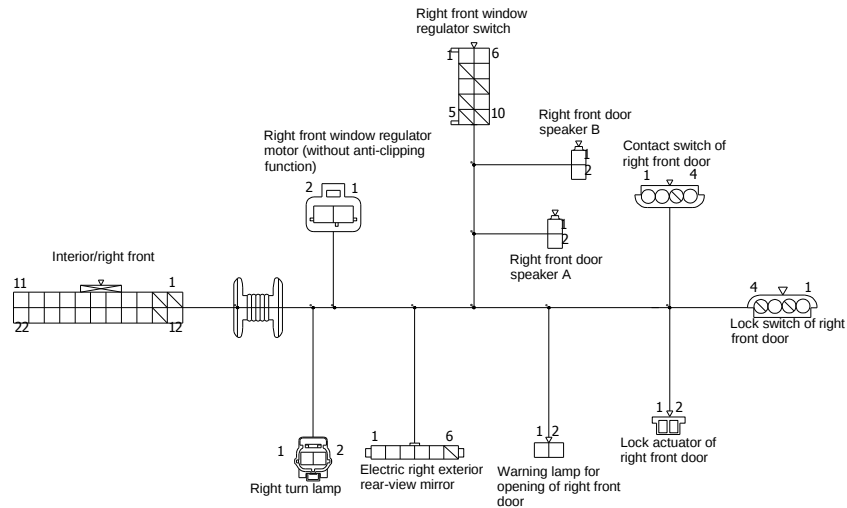
		10	Terminal 1# of lock actuator of left front door	
		11	Terminal 4# of left front anti-clipping window regulator	
		12	Terminal 2# of anti-theft indicator lamp	
3	Left front window regulator motor (without anti-clipping function)	1	Interior/left front B4#	
		2	Interior/left front B11#	
4	Electric left exterior rear-view mirror	1	Interior/left front A4#	
		2	Interior/left front A14#	
		3	Interior/left front A3#	
		4	Interior/left front A13#	
		5	Interior/left front A2#	
		6	Empty	
5	Warning lamp for opening of left front door	1	Interior/left front A15#	
		2	Terminal 1# of contact switch of left front door	
6	Lock actuator of left front door	1	Interior/left front B10#	
		2	Interior/left front B3#	
7	Lock switch of left front door	1	Interior/left front B1#	
		2	Interior/left front A13#	
		3	Interior/left front B6#	
		4	Interior/left front A16#	
8	Contact switch of left front door	1	Terminal 2# of warning lamp for opening of left front door	
		2	Interior/left front A5#	
		3	Empty	
		4	Interior/left front A13#	
9	Anti-theft indicator lamp	1	Interior/left front B5#	
		2	Interior/left front B12#	
10	Left front door speaker A	1	Interior/left front A1#	
		2	Interior/left front A12#	
11	Left front door speaker B	1	Interior/left front A1#	
		2	Interior/left front A12#	
12	Left front door window regulator switch	1	Interior/left front B1#	
		2	Interior/left front B6#	
		3	Interior/left front A9#	
		4	Interior/left front A8#	
		5	Interior/left front A7#	
		6	Interior/left front A6#	
		7	Interior/left front A17#	
		8	Interior/left front A18#	
		9	Interior/left front A15#	
		10	Empty	
		11	Interior/left front A13#	

12	Left front door window regulator switch	12	Empty	
		13	Interior/left front A10#	
		14	Interior/left front A22#	
		15	Interior/left front A19#	
		16	Interior/left front A20#	
13	Left front anti-clipping window regulator	1	Empty	
		2	Empty	
		3	Interior/left front B4#	
		4	Interior/left front B11#	
		5	Interior/left front B2#	
		6	Empty	

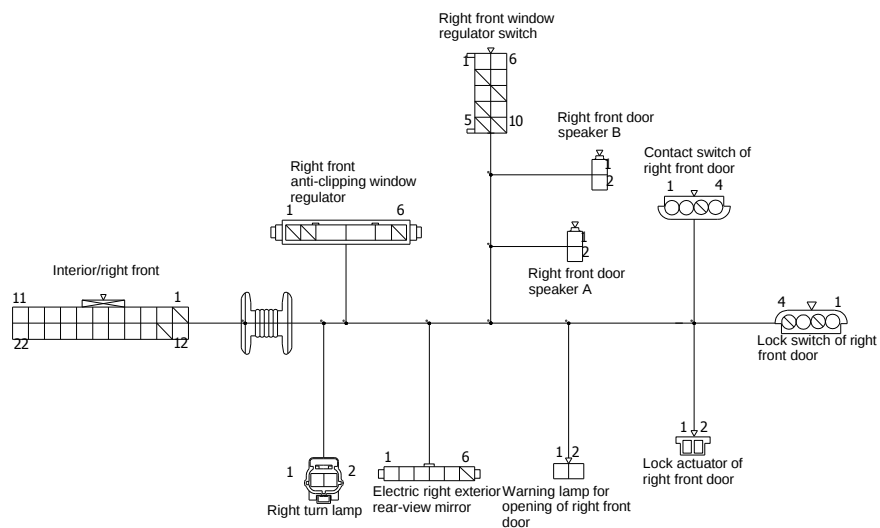
II. Right Front Door Harness

(I). Harness Diagram

1. Right front door harness (M11-3724080; right front window regulator motor without anti-clipping function)



2. Right front door harness (M11-3724080BA; right front window regulator motor with anti-clipping function)



(II). Description of Connector Pins

1. Right front door harness (M11-3724080; right front window regulator motor without anti-clipping function)

No.	Connector Name	Pin No.	Connect to	Remark
1	Interior/right front	1	Empty	
		2	Empty	
		3	Terminal 2# of lock actuator of right front door	
		4	Terminal 1# of right front window regulator motor (without anti-clipping function)	
		5	Terminal 1# of right front window regulator switch	
		6	Terminal 6# of right front window regulator switch	
		7	Terminal 2# of contact switch of right front door	
		8	Terminal 2# of electric right exterior rear-view mirror	
		9	Terminal 3# of electric right exterior rear-view mirror	
		10	Terminal 5# of electric right exterior rear-view mirror	
		11	Terminal 1# of right front door speaker A, terminal 1# of right front door speaker B	
		12	Terminal 9# of right front window regulator switch	
		13	Empty	
		14	Terminal 1# of lock actuator of right front door	
		15	Terminal 2# of right front window regulator motor (without anti-clipping function)	
		16	Terminal 2# of right turn lamp	
		17	Terminal 7# of right front window regulator switch	
		18	Terminal 1# of lock switch of right front door	
		19	Terminal 1# of warning lamp for opening of right front door	
		20	Terminal 1# of electric right exterior rear-view mirror	

		21	Terminal 4# of contact switch of right front door, terminal 3# of lock switch of right front door, terminal 1# of right turn lamp, terminal 3# of right front window regulator switch, and terminal 4# of electric right exterior rear-view mirror	
		22	Terminal 2# of right front door speaker A, and terminal 2# of right front door speaker B	
2	Right turn lamp	1	Interior/right front 21#	
		2	Interior/right front 16#	
3	Electric right exterior rear-view mirror	1	Interior/right front 20#	
		2	Interior/right front 8#	
		3	Interior/right front 9#	
		4	Interior/right front 21#	
		5	Interior/right front 10#	
		6	Empty	
4	Warning lamp for opening of right front door	1	Interior/right front 19#	
		2	Terminal 1# of contact switch of right front door	
5	Lock actuator of right front door	1	Interior/right front 14#	
		2	Interior/right front 3#	
6	Lock switch of right front door	1	Interior/right front 18#	
		2	Empty	
		3	Interior/right front 21#	
		4	Empty	
7	Contact switch of right front door	1	Terminal 2# of warning lamp for opening of right front door	
		2	Interior/right front 7#	
		3	Empty	
		4	Interior/right front 21#	
8	Right front door speaker A	1	Interior/right front 11#	
		2	Interior/right front 22#	
9	Right front door speaker A	1	Interior/right front 11#	
		2	Interior/right front 22#	
10	Right front window regulator switch	1	Interior/right front 5#	
		2	Empty	
		3	Interior/right front 21#	
		4	Empty	

		5	Empty	
		6	Interior/right front 6#	
		7	Interior/right front 17#	
		8	Empty	
		9	Interior/right front 12#	
		10	Empty	
11	Right front window regulator motor (without anti-clipping function)	1	Interior/right front 4#	
		2	Interior/right front 15#	

2. Right front door harness (M11-3724080BA; right front window regulator motor with anti-clipping function)

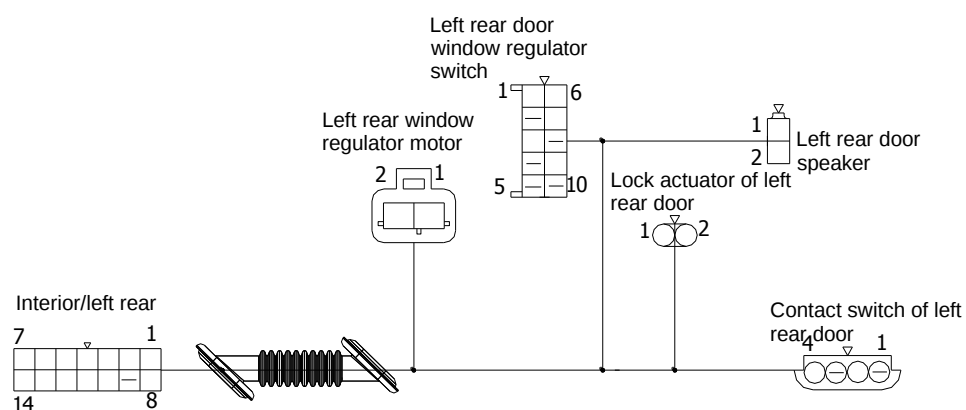
No.	Connector Name	Pin No.	Connect to	Remark
1	Interior/right front	1	Empty	
		2	Terminal 5# of right front anti-clipping window regulator	
		3	Terminal 2# of lock actuator of right front door	
		4	Terminal 3# of right front anti-clipping window regulator	
		5	Terminal 1# of right front window regulator switch	
		6	Terminal 6# of right front window regulator switch	
		7	Terminal 2# of contact switch of right front door	
		8	Terminal 2# of electric right exterior rear-view mirror	
		9	Terminal 3# of electric right exterior rear-view mirror	
		10	Terminal 5# of electric right exterior rear-view mirror	
		11	Terminal 1# of right front door speaker A, and terminal 1# of right front door speaker B	
		12	Terminal 9# of right front window regulator switch	
		13	Empty	
		14	Terminal 1# of lock actuator of right front door	
		15	Terminal 4# of right front anti-clipping window regulator	

		16	Terminal 2# of right turn lamp	
		17	Terminal 7# of right front window regulator switch	
		18	Terminal 1# of lock switch of right front door	
		19	Terminal 1# of warning lamp for opening of right front door	
1	Interior/right front	20	Terminal 1# of electric right exterior rear-view mirror	
		21	Terminal 4# of contact switch of right front door, terminal 3# of lock switch of right front door, terminal 1# of right turn lamp, terminal 3# of right front window regulator switch, and terminal 4# of electric right exterior rear-view mirror	
		22	Terminal 2# of right front door speaker A, and terminal 2# of right front door speaker B	
2	Right turn lamp	1	Interior/right front 21#	
		2	Interior/right front 16#	
3	Electric right exterior rear-view mirror	1	Interior/right front 20#	
		2	Interior/right front 8#	
		3	Interior/right front 9#	
		4	Interior/right front 21#	
		5	Interior/right front 10#	
		6	Empty	
4	Warning lamp for opening of right front door	1	Interior/right front 19#	
		2	Terminal 1# of contact switch of right front door	
5	Lock actuator of right front door	1	Interior/right front 14#	
		2	Interior/right front 3#	
6	Lock switch of right front door	1	Interior/right front 18#	
		2	Empty	
		3	Interior/right front 21#	
		4	Empty	
7	Contact switch of right front door	1	Terminal 2# of warning lamp for opening of right front door	
		2	Interior/right front 7#	
		3	Empty	
		4	Interior/right front 21#	
8	Right front	1	Interior/right front 11#	

	door speaker A	2	Interior/right front 22#	
9	Right front door speaker A	1	Interior/right front 11#	
		2	Interior/right front 22#	
10	Right front window regulator switch	1	Interior/right front 5#	
		2	Empty	
		3	Interior/right front 21#	
		4	Empty	
		5	Empty	
		6	Interior/right front 6#	
		7	Interior/right front 17#	
		8	Empty	
		9	Interior/right front 12#	
		10	Empty	
11	Right front anti-clipping window regulator	1	Empty	
		2	Empty	
		3	Interior/right front 4#	
		4	Interior/right front 15#	
11	Right front anti-clipping window regulator	5	Interior/right front 2#	
		6	Empty	

III. Left Rear Door Harness (M11-3724510)

(I). Harness Diagram



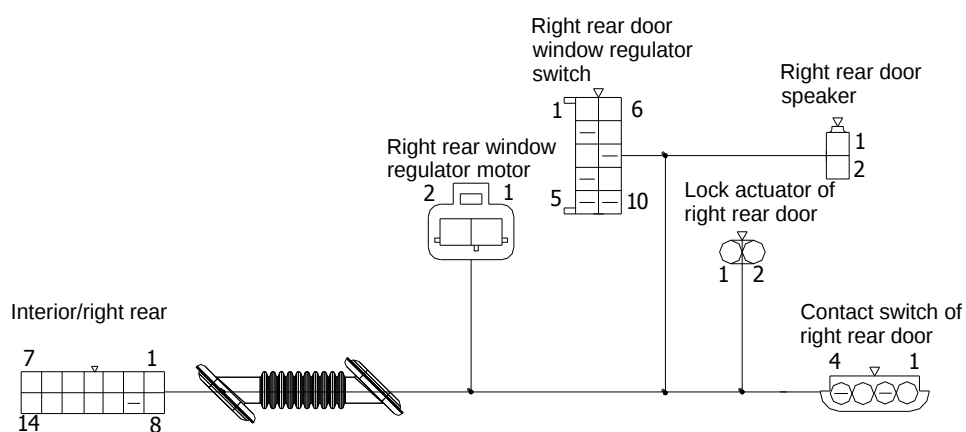
(II). Description of Connector Pins

No.	Connector Name	Pin No.	Connection	Remark
1	Left rear window regulator motor	1	Interior/left rear 7	
		2	Interior/left rear 14	
2	Left rear door window regulator switch	1	Interior/left rear 11	
		2	Empty	
		3	Interior/left rear 2	
		4	Empty	
		5	Empty	
		6	Interior/left rear 5	
		7	Interior/left rear 12	
		8	Empty	
		9	Interior/left rear 4	
		10	Empty	
3	Left rear speaker	1	Interior/left rear 1	
		2	Interior/left rear 8	
4	Lock actuator of left rear door	1	Interior/left rear 10	
		2	Interior/left rear 3	

5	Contact switch of left rear door	1	Empty	
		2	Interior/left rear 6	
		3	Empty	
		4	Interior/left rear 13	
6	Interior/left rear	1	Terminal 1# of left rear speaker	
		2	Terminal 3# of left rear door window regulator switch	
		3	Terminal 2# of lock actuator of left rear door	
		4	Terminal 9# of left rear door window regulator switch	
		5	Terminal 6# of left rear door window regulator switch	
		6	Terminal 2# of contact switch of left rear door	
		7	Terminal 1# of left rear window regulator motor	
		8	Terminal 2# of left rear speaker	
		9	Empty	
6	Interior/left rear	10	Terminal 1# of lock actuator of left rear door	
		11	Terminal 1# of left rear door window regulator switch	
		12	Terminal 7# of left rear door window regulator switch	
		13	Terminal 4# of contact switch of left rear door	
		14	Terminal 2# of left rear window regulator motor	

IV. Right Rear Door Harness (M11-3724520)

(I). Harness Diagram



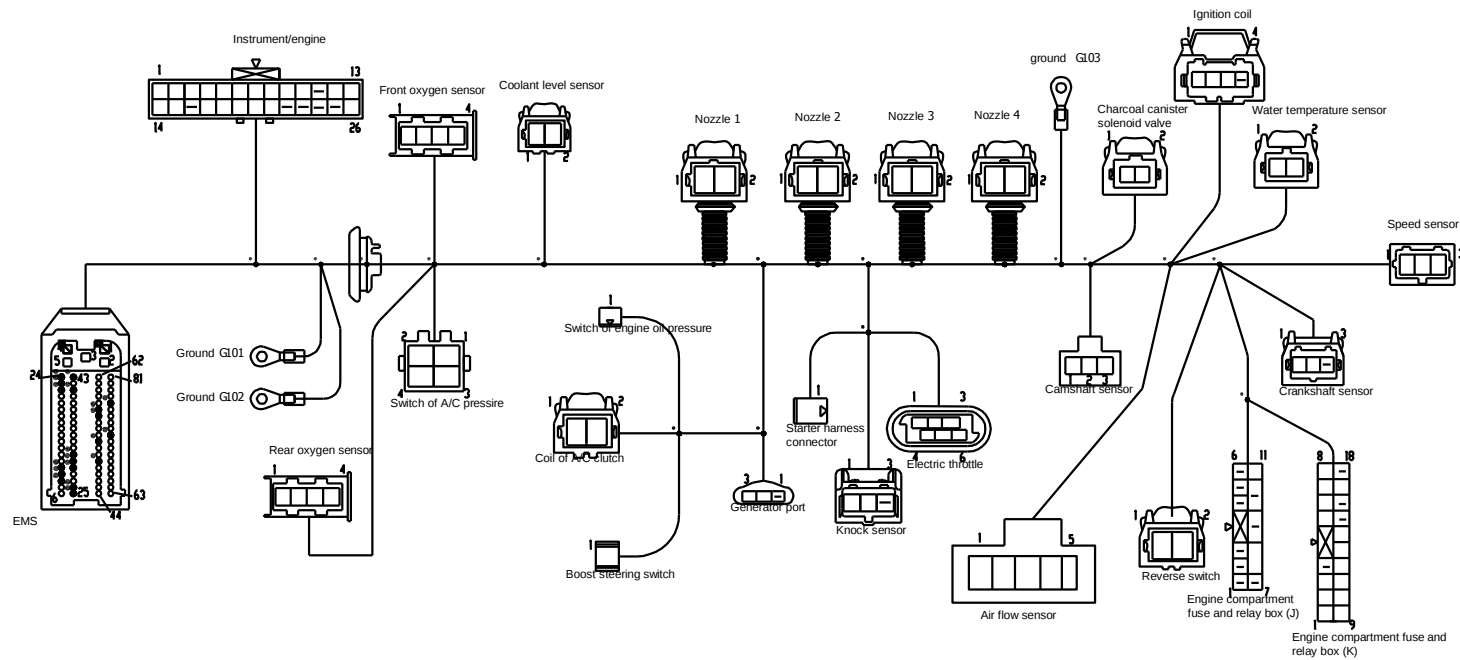
(II). Description of Connector Pins

No.	Connector Name	Pin No.	Connection	Remark
1	Right rear window regulator motor	1	Interior/right rear 7	
		2	Interior/right rear 14	
2	Right rear window regulator switch	1	Interior/right rear 11	
		2	Empty	
		3	Interior/right rear 2	
		4	Empty	
		5	Empty	
		6	Interior/right rear 5	
		7	Interior/right rear 12	
		8	Empty	
		9	Interior/right rear 4	
		10	Empty	
3	Right rear door speaker	1	Interior/right rear 1	
		2	Interior/right rear 8	
4	Lock	1	Interior/right rear 10	

	actuator of right rear door	2	Interior/right rear 3	
5	Contact switch of right rear door	1	Interior/right rear 6	
		2	Empty	
		3	Interior/right rear 13	
		4	Empty	
6	Interior/right rear	1	Terminal 1# of right rear door speaker	
		2	Terminal 3# of right rear window regulator switch	
6	Interior/right rear	3	Terminal 2# of lock actuator of right rear door	
		4	Terminal 9# of right rear window regulator switch	
		5	Terminal 6# of right rear window regulator switch	
		6	Terminal 1# of contact switch of right rear door	
		7	Terminal 1# of right rear window regulator motor	
		8	Terminal 2# of right rear door speaker	
		9	Empty	
		10	Terminal 1# of lock actuator of right rear door	
		11	Terminal 1# of right rear window regulator switch	
		12	Terminal 7# of right rear window regulator switch	
		13	Terminal 3# of contact switch of right rear door	
		14	Terminal 2# of right rear window regulator motor	

V. Engine Harness (M11-3724180)

(I). Harness Diagram



(II). Description of Connector Pins

No.	Connector Name	Pin No.	Connection	Remark
1	Front oxygen sensor	1	Terminal 48# of EMS	
		2	CE K14#	
		3	Terminal 36# of EMS, and terminal 3# of rear oxygen sensor	
		4	Terminal 18# of EMS	
2	Coolant level sensor	1	Instrument/engine 21	
		2	Ground G103	
3	Nozzle 1	1	CE K12#	
		2	Terminal 27 of EMS	
4	Nozzle 2	1	CE K12#	
		2	Terminal 6# of EMS	
5	Nozzle 3	1	CE K12#	
		2	Terminal 7# of EMS	
6	Nozzle 4	1	CE K12#	
		2	Terminal 47# of EMS	
7	Charcoal canister solenoid valve	1	CE K11#	
		2	Terminal 46# of EMS	
8	Ignition coil	1	Terminal 5# of EMS	
		2	Terminal 2# of EMS	
		3	CE K8#	
		4	Empty	
9	Water temperature sensor	1	Terminal 17# of EMS	
		2	Terminal 39# of EMS	
10	Speed sensor	1	CE K6#	
		2	Ground G103	
		3	Terminal 59# of EMS	
11	Crankshaft sensor	1	Terminal 15# of EMS	
		2	Terminal 34# of EMS	
		3	Empty	
12	Reverse switch	1	Ground G103	
		2	Instrument/engine 18	
13	Air meter	1	Terminal 42# of EMS	
		2	CE K11#	
		3	Terminal 17# of EMS	
		4	Terminal 33# of EMS	
		5	Terminal 37# of EMS	
14	Camshaft sensor	1	Ground G103	

		2	Terminal 79# of EMS	
		3	CE K11#	
15	Electric throttle	1	Terminal 66# and 67# of EMS	
		2	Terminal 78# of EMS	
		3	Terminal 32# of EMS	
15	Electric throttle	4	Terminal 64# and 65# of EMS	
		5	Terminal 38# of EMS	
		6	Terminal 54# of EMS	
16	Knock sensor	1	Terminal 19# of EMS	
		2	Terminal 20# of EMS	
		3	Empty	
17	Starter harness connector	1	CE J8	
18	Generator port	1	Empty	
		2	CE K5	
		3	Instrument/engine 14	
19	Boost steering switch	1	Terminal 76# of EMS	
20	Coil of A/C clutch	1	CE K7	
		2	Ground G103	
21	Switch of engine oil pressure	1	Instrument/engine 15	
22	Switch of A/C pressure	1	Terminal 75# of EMS	
		2	Instrument/engine 17	
		3	Instrument/engine 17	
		4	Terminal 60# of EMS	
23	Rear oxygen sensor	1	Terminal 28# of EMS	
		2	CE K13	
		3	Terminal 36# of EMS	
		4	Terminal 55# of EMS	
24	Instrument/engine	1	Terminal 58# of EMS	
		2	Terminal 11# of EMS	
		3	Terminal 36# of EMS	
		4	Terminal 35# of EMS	
		5	Terminal 32# of EMS, and Terminal 73# of EMS	
		6	Terminal 33# of EMS, and Terminal 4# of air meter	
		7	Terminal 40# of EMS	
		8	Terminal 16# of EMS	
		9	Terminal 74# of EMS	
		10	Terminal 21# of EMS	
		11	Empty	

		12	Terminal 71# of EMS	
		13	Terminal 62# of EMS	
		14	Terminal 3# of generator port	
		15	Terminal 1# of switch of engine oil pressure	
		16	Empty	
		17	Terminal 2# and 3# of switch of A/C pressure	
		18	Terminal 2# of reverse switch	
		19	CE K5, terminal 2# of generator port	
24	Instrument/engine	20	Terminal 59# of EMS, and Terminal 3# of speed sensor	
		21	Terminal 1# of coolant level sensor	
		22	Empty	
		23	Empty	
		24	Empty	
		25	Empty	
		26	Terminal 81# of EMS	
25	EMS	1	Empty	
		2	Terminal 2# of ignition coil	
		3	Ground G101	
		4	Empty	
		5	Terminal 1# of ignition coil	
		6	Terminal 2# of nozzle 2	
		7	Terminal 2# of nozzle 3	
		8	Empty	
		9	Empty	
		10	Empty	
		11	Instrument/engine 2	
		12	CE K9	
		13	CE K17	
		14	CE K10	
		15	Terminal 1# of crankshaft sensor	
		16	Instrument/engine 8	
		17	Terminal 1# of water temperature sensor, and terminal 3# of air meter	
		18	Terminal 4# of front oxygen sensor	
		19	Terminal 1# of knock sensor	
		20	Terminal 2# of knock sensor	
		21	Instrument/engine 10	
		22	Empty	
		23	Empty	
		24	Empty	
		25	Empty	

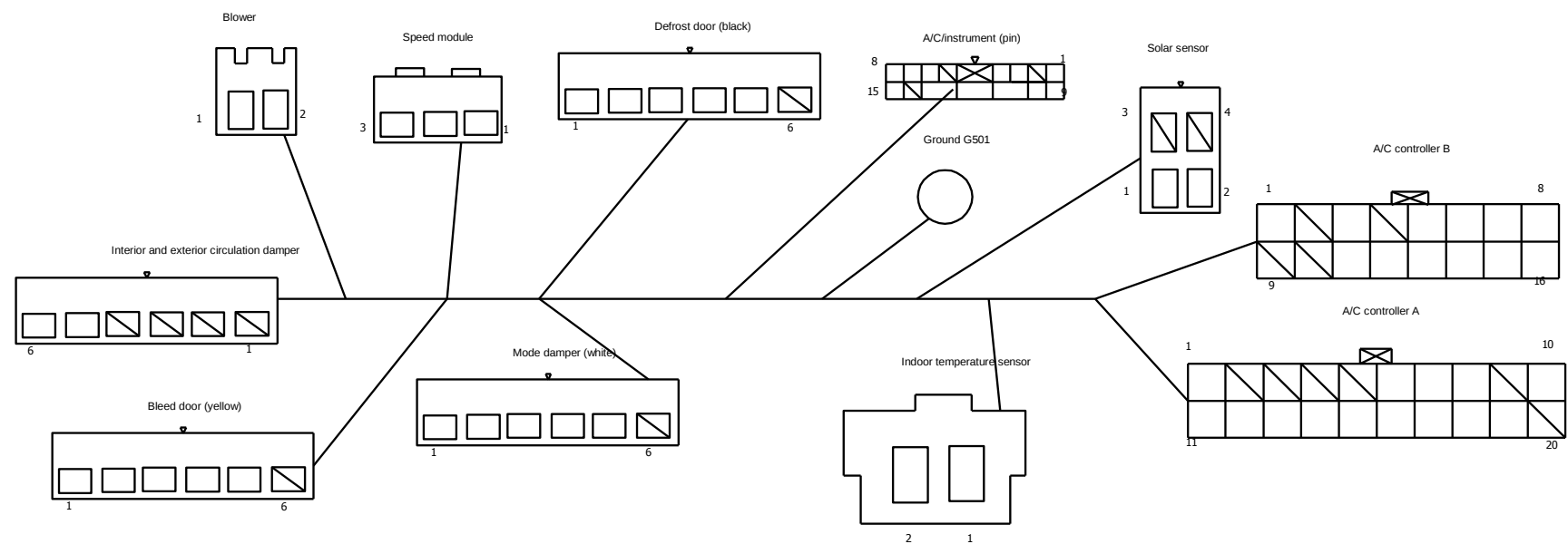
		26	Empty	
		27	Terminal 2# of nozzle 1	
		28	Terminal 1# of rear oxygen sensor	
		29	Empty	
		30	Empty	
		31	Empty	
		32	Terminal 3# of electric throttle, terminal 73# of EMS, and terminal 5 of instrument/engine	
		33	Terminal 4# of air meter	
		34	Terminal 2# of crankshaft sensor	
		35	Instrument/engine 4	
		36	Terminal 3# of rear oxygen sensor, and terminal 3# of front oxygen sensor	
25	EMS	37	Terminal 5# of air meter	
		38	Terminal 5# of electric throttle	
		39	Terminal 2# of water temperature sensor	
		40	Instrument/engine 7	
		41	Empty	
		42	Terminal 1# of air meter	
		43	Empty	
		44	Terminal 45# of EMS, and terminal 63# of EMS, CE K11	
		45	Terminal 44# of EMS, and Terminal 63# of EMS, CE K11	
		46	Terminal 2# of charcoal canister solenoid valve	
		47	Terminal 2# of nozzle 4	
		48	Terminal 1# of front oxygen sensor	
		49	Empty	
		50	CE J2	
		51	Ground G102	
		52	Empty	
		53	Ground G102	
		54	Terminal 6# of electric throttle	
		55	Terminal 4# of rear oxygen sensor	
		56	Empty	
		57	Empty	
		58	Instrument/engine 1	
		59	Terminal 3# of speed sensor, and terminal 20 of instrument/engine	
		60	Terminal 4# of switch of A/C pressure	
		61	Ground G101	

		62	Instrument/engine 13	
		63	Terminal 44# of EMS, and terminal 45# of EMS, CE K11	
		64	Terminal 4# of electric throttle	
		65	Terminal 4# of electric throttle	
		66	Terminal 1# of electric throttle	
		67	Terminal 1# of electric throttle	
		68	CE K1#	
		69	CE J11#	
		70	CE K3	
		71	Instrument/engine 12	
		72	Empty	
		73	Terminal 5 of instrument/engine, and terminal 32# of EMS	
		74	Instrument/engine 9	
		75	Terminal 1# of switch of A/C pressure	
		76	Terminal 1# of boost steering switch	
		77	Empty	
		78	Terminal 2# of electric throttle	
		79	Terminal 2# of camshaft sensor	
25	EMS	80	Ground G101	
		81	Instrument/engine 26	
26	CE J	1	Empty	
		2	Empty	
		3	Empty	
		4	Empty	
		5	Empty	
		6	Empty	
		7	Empty	
		8	Terminal 1# of starter harness connector	
		9	Empty	
		10	Empty	
		11	Terminal 69# of EMS	
27	CE K	1	Terminal 68# of EMS	
		2	Terminal 50# of EMS	
		3	Terminal 70# of EMS	
		4	Empty	
		5	Terminal 2# of generator port, and Instrument/engine 19	
		6	Terminal 1# of speed sensor	
		7	Terminal 1# of coil of A/C clutch	
		8	Terminal 3# of ignition coil	
		9	Terminal 12# of EMS	

		10	Terminal 14# of EMS	
		11	Terminal 1# of charcoal canister solenoid valve, Terminal 2# of air meter, Terminal 3# of camshaft sensor	
		12	Terminal 1# of nozzle 1, terminal 1# of nozzle 2, terminal 1# of nozzle 3, and terminal 1# of nozzle 4	
		13	Terminal 2# of rear oxygen sensor	
		14	Terminal 2# of front oxygen sensor	
		15	Empty	
		16	Empty	
		17	Terminal 13# of EMS	
		18	Empty	

VI. A/C Harness (Self-owned Harness of HAVC Assembly)

(I). Harness Diagram



(II) Description of Harness Connector Pins

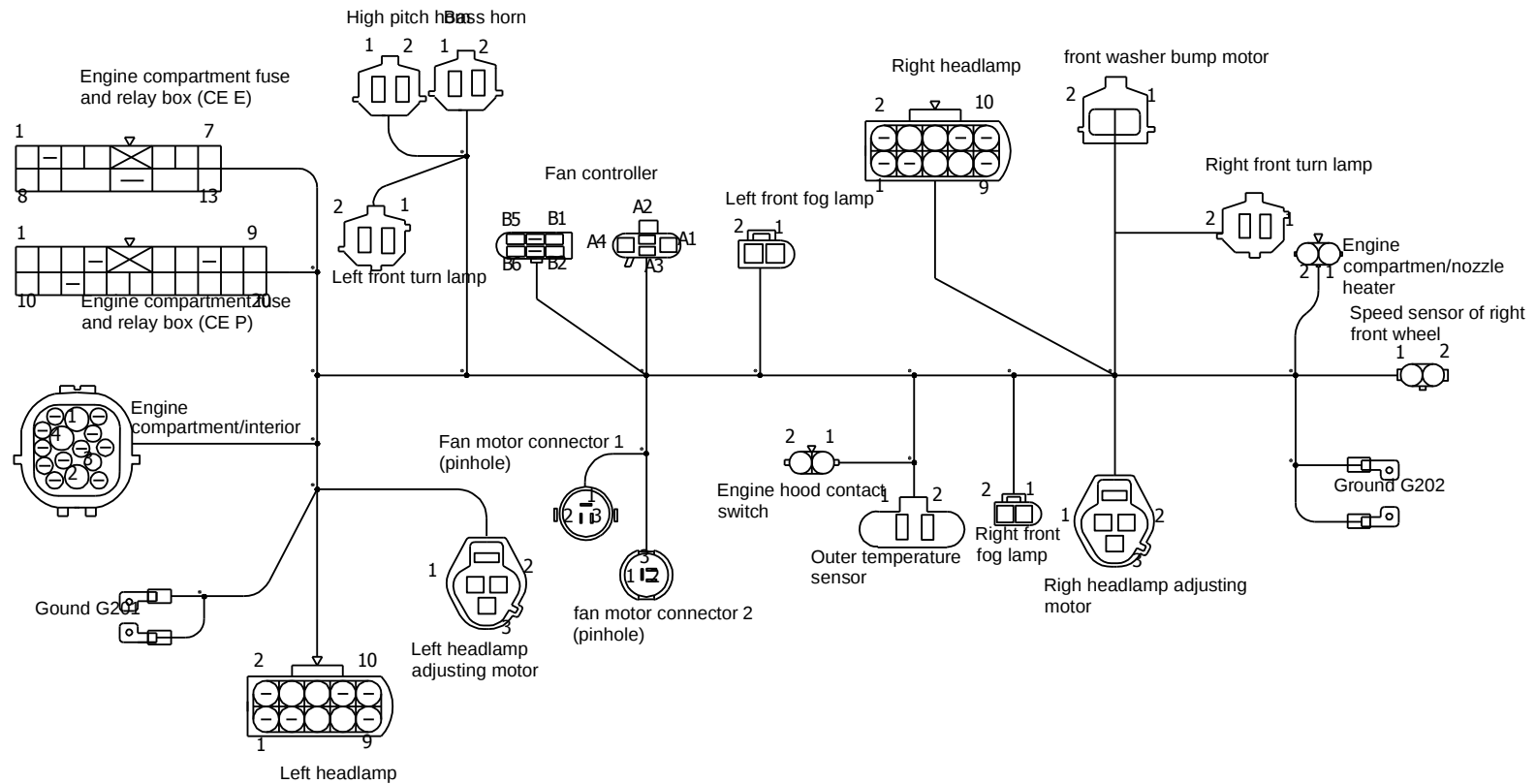
No.	Connector Name	Pin No.	Connection	Remark
1	Blower	1	Terminal 11# of A/C controller B, terminal 2# of speed module, and terminal 13 of A/C/instrument	
		2	terminal 12 of A/C/instrument	
2	Speed module	1	Ground G501	
		2	Terminal 11# of A/C controller B, terminal 1# of blower, and terminal 13 of A/C/instrument	
		3	Terminal 1# of A/C controller B	
3	Defrost door (black)	1	Terminal 18# of A/C controller A	
		2	terminal 15 of A/C/instrument	
		3	Terminal 11# of A/C controller A	
		4	Terminal 14# of A/C controller A	
		5	Terminal 15# of A/C controller B	
		6	Empty	
4	A/C/instrument	1	Terminal 7# of A/C controller B	
		2	Empty	
		3	Terminal 10# of A/C controller A	
		4	Terminal 13# of A/C controller B	
		5	Empty	
		6	Terminal 1# of A/C controller A	
		7	Terminal 8# of A/C controller A	
		8	Terminal 6# of A/C controller A	
		9	Terminal 7# of A/C controller A	
		10	Terminal 5# of A/C controller B	
		11	Terminal 8# of A/C controller B	
		12	Terminal 2# of blower	
		13	Terminal 1# of blower, Terminal 11# of A/C controller B, and Terminal 2# of speed module	
		14	Empty	
		15	Terminal 1# of indoor temperature sensor, terminal 1# of solar sensor, Terminal 6# of A/C controller B, terminal 2# of mode damper, terminal 2# of defrost door, and terminal 3# of bleed door	
5	Solar sensor	1	A/C/instrument 15	
		2	Terminal 12# of A/C controller B	
		3	Empty	

		4	Empty	
6	A/C controller B	1	Terminal 3# of speed module	
		2	Empty	
		3	Terminal 2# of indoor temperature sensor	
		4	Empty	
		5	A/C/instrument 10	
		6	A/C/instrument 15	
		7	A/C/instrument 1	
		8	A/C/instrument 11	
6	A/C controller B	9	Empty	
		10	Empty	
		11	Terminal 2# of speed module, terminal 1# of blower, and terminal 13 of A/C/instrument	
		12	Terminal 2# of solar sensor	
		13	A/C/instrument 4	
		14	Terminal 5# of bleed door	
		15	Terminal 5# of defrost door	
		16	Terminal 5# of mode damper	
7	A/C controller A	1	A/C/instrument 6	
		2	Empty	
		3	Empty	
		4	Empty	
		5	Empty	
		6	A/C/instrument 8	
		7	A/C/instrument 9	
		8	A/C/instrument 7	
		9	Empty	
		10	A/C/instrument 3	
		11	Terminal 3# of defrost door, terminal 3# of mode damper, and terminal 2# of bleed door	
		12	Terminal 6# of interior and exterior circulation damper	
		13	Terminal 4# of bleed door	
		14	Terminal 4# of defrost door	
		15	Terminal 4# of mode damper	
		16	Terminal 5# of interior and exterior circulation damper	
		17	Terminal 1# of bleed door	
		18	Terminal 1# of defrost door	
		19	Terminal 1# of mode damper	
		20	Empty	
8	Indoor	1	A/C/instrument 15	

	temperature sensor	2	Terminal 3# of A/C controller B	
9	Mode damper (white)	1	Terminal 19# of A/C controller A	
		2	terminal 15 of A/C/instrument	
		3	Terminal 11# of A/C controller A	
		4	Terminal 15# of A/C controller A	
		5	Terminal 16# of A/C controller B	
		6	Empty	
10	Bleed door (yellow)	1	Terminal 17# of A/C controller A	
		2	Terminal 11# of A/C controller A	
		3	Terminal 15 of A/C/instrument	
		4	Terminal 13# of A/C controller A	
		5	Terminal 14# of A/C controller B	
		6	Empty	
11	Interior and exterior circulation damper	1	Empty	
		2	Empty	
		3	Empty	
		4	Empty	
		5	Terminal 16# of A/C controller A	
		6	Terminal 12# of A/C controller A	

VII. Engine Compartment Harness (M11-3724010)

(I). Harness Diagram



(II). Description of Harness Connector Pins

No.	Connector Name	Pin No.	Connect to	Remark
1	Speed sensor of right front wheel	1	CE P19	
		2	CE P20	
2	Engine compartment/nozzle heater	1	CE P5	
		2	Terminal 4 of engine compartment/interior	
3	Right front turn lamp	1	CE P16	
		2	Ground G202	
4	Front washer motor	1	CE P17	
		2	Ground G202	
5	Right headlamp	1	Empty	
		2	Empty	
		3	Empty	
		4	Ground G202	
		5	CE P2, terminal 3# of right headlamp regulating motor	
		6	CE E3	
		7	CE P1	
		8	Empty	
		9	Empty	
		10	Empty	
6	Left front fog lamp	1	CE E10, terminal 1# of right front fog lamp	
		2	Ground G201	
7	Fan controller	A1	Terminal 1 of engine compartment/interior	
		A2	Terminal 1# of fan motor connector 1, and Terminal 1# of fan motor connector 2	
		A3	Terminal 2 of engine compartment/interior	
		A4	Terminal 2# of fan motor connector 1, and terminal 2# of fan motor connector 2	
		B1	CE P10, and terminal B2# of fan controller	
		B2	Terminal B1# of fan controller, and CE P10	
		B3	Empty	
		B4	Empty	
		B5	CE E7	
		B6	CE E13	
8	Left front turn lamp	1	CE P18	
		2	Ground G201	

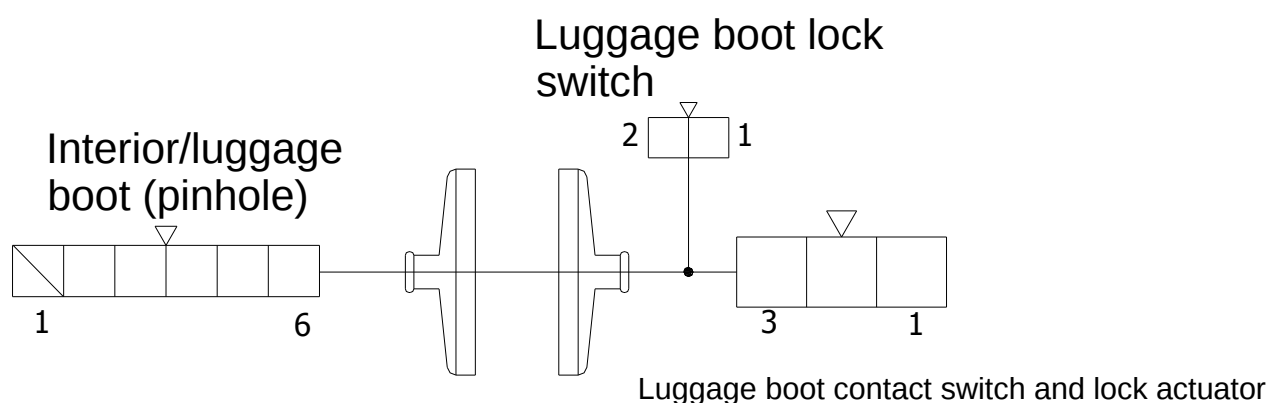
9	High pitch horn	1	CE P14	
		2	Ground G201	
10	Bass horn	1	CE P13	
		2	Ground G201	
11	CE E	1	CE E8, ground G201, CE E9, and CE E5	
		2	Empty	
		3	Terminal 6# of right headlamp	
		4	Terminal 6# of left headlamp	
		5	CE E1, CE E8, ground G201, and CE E9	
11	CE E	6	Ground G201	
		7	Terminal B5 of fan controller	
		8	Ground G201, CE E9, CE E5, and CE E1	
		9	Ground G201, CE E8, CE E5, and CE E1	
		10	Terminal 1# of left front fog lamp, and terminal 1# of right front fog lamp	
		11	Empty	
		12	Ground G201	
12	CE P	13	Terminal B6 of fan controller	
		1	Terminal 7# of right headlamp	
		2	Terminal 5# of right headlamp, and terminal 3# of right headlamp regulating motor	
		3	Terminal 5# of left headlamp, and terminal 3# of left headlamp regulating motor	
		4	Empty	
		5	Terminal 1# of engine compartment/nozzle heater	
		6	Terminal 1# of outer temperature sensor	
		7	Empty	
		8	Terminal 1# of engine hood contact switch	
		9	Terminal 2# of left headlamp regulating motor, and terminal 2# of right headlamp regulating motor	
		10	Terminal B1 of fan controller, terminal B2# and B1# of fan controller	
		11	Terminal 7# of left headlamp	
		12	Empty	
		13	Terminal 1# of bass horn	
		14	Terminal 1# of high pitch horn	
		15	Terminal 2# of outer temperature sensor	
		16	Terminal 1# of right front turn lamp	
		17	Terminal 1# of front washer motor	
		18	Terminal 1# of left front turn lamp	

		19	Terminal 1# of speed sensor of right front wheel	
		20	Terminal 2# of speed sensor of right front wheel	
13	Engine compartment/interior	1	Terminal A1 of fan controller	
		2	Terminal A3 of fan controller	
		3	CE P3, terminal 5# of left headlamp, and terminal 3# of left headlamp regulating motor	
		4	Terminal 2# of engine compartment/nozzle heater	
14	Left headlamp	1	Empty	
		2	Empty	
		3	Empty	
		4	Terminal 1# of left headlamp regulating motor, and Ground G201	
		5	CE P3, and terminal 3# of left headlamp regulating motor	
		6	CE E4	
		7	CE P11	
		8	Empty	
		9	Empty	
		10	Empty	
15	Left headlamp regulating motor	1	Terminal 4# of left headlamp, and ground G201	
		2	CE P9	
		3	Terminal 5# of left headlamp, and CE P3	
16	Fan motor connector 1	1	Terminal 1# of fan motor connector 2, and terminal A2 of fan controller	
		2	Terminal 2# of fan motor connector 2, and terminal A4 of fan controller	
		3	Ground G202	
17	Fan motor connector 2	1	Terminal 1# of fan motor connector 1, and terminal A2 of fan controller	
		2	Terminal 2# of fan motor connector 1, and terminal A4 of fan controller	
		3	Ground G202	
18	Engine hood contact switch	1	CE P8	
		2	Ground G201	
19	Outer temperature sensor	1	CE P6	
		2	CE P15	

20	Right front fog lamp	1	Terminal 1# of left front fog lamp, and CE E10	
		2	Ground G202	
21	Right headlamp regulating motor	1	Terminal 4# of right headlamp, and ground G202	
		2	Terminal 2# of left headlamp regulating motor, and CE P9	
		3	Terminal 5# of right headlamp, and CE P2	

VIII. Luggage Boot Harness (M11-3724120)

(I). Harness Diagram



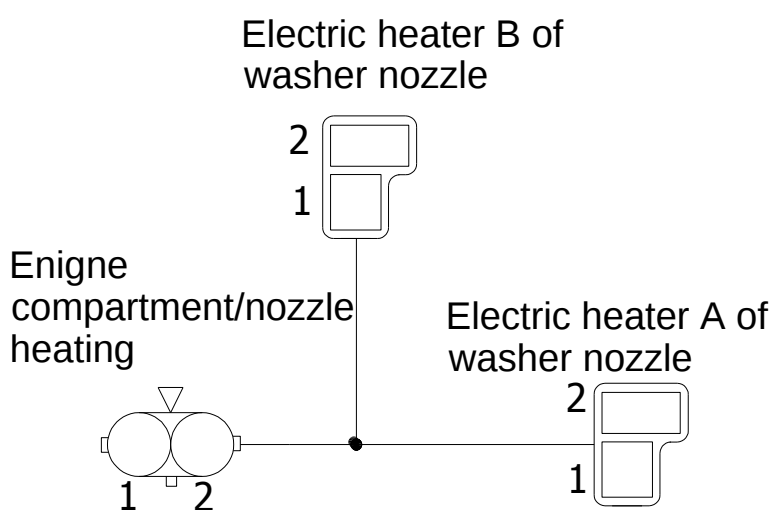
(II). Description of Harness Connector Pins

No.	Connector Name	Pin No.	Connection	Remark
1	Luggage boot lock switch	1	Interior/luggage boot 2	
		2	Interior/luggage boot 3	
2	Luggage boot contact switch and lock actuator	1	Interior/luggage boot 5	
		2	Interior/luggage boot 6	
		3	Interior/luggage boot 4	
3	Interior/luggage boot	1	Empty	
		2	Terminal 1# of luggage boot lock switch	
		3	Terminal 2# of luggage boot lock switch	

		4	Terminal 3# of luggage boot contact switch and lock actuator	
		5	Terminal 1# of luggage boot contact switch and lock actuator	
		6	Terminal 2# of luggage boot contact switch and lock actuator	

IX. Washer Nozzle Heater Harness (M11-3724550)

(I). Harness Diagram

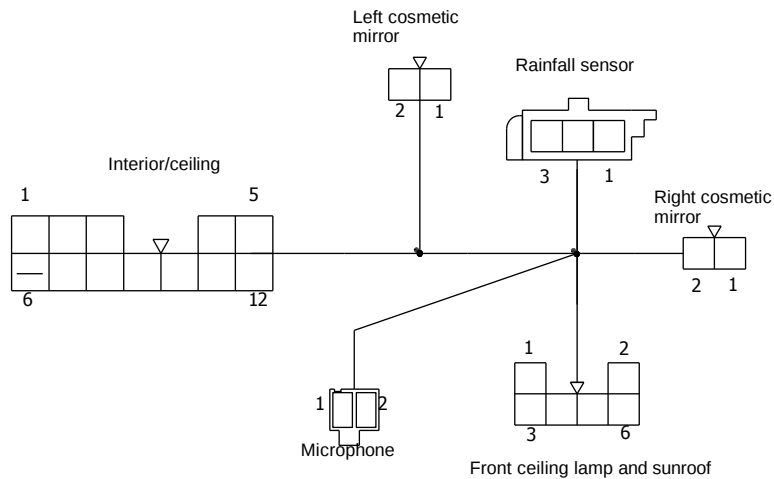


(II). Description of Harness Connector Pins

No.	Connector Name	Pin No.	Connection	Remark
1	Electric heater B of washer nozzle	1	Engine compartment/nozzle heater 1	
		2	Engine compartment/nozzle heater 2	
2	Electric heater A of washer nozzle	1	Engine compartment/nozzle heater 1	
		2	Engine compartment/nozzle heater 2	
3	Engine compartment/nozzle heater	1	Terminal 1# of electric heater A of washer nozzle, and terminal 1# of electric heater B of washer nozzle	
		2	Terminal 2# of electric heater A of washer nozzle, and terminal 2# of electric heater B of washer nozzle	

X. Ceiling Harness (M11-3724370)

(I). Harness Diagram



(II). Description of Harness Connector Pins

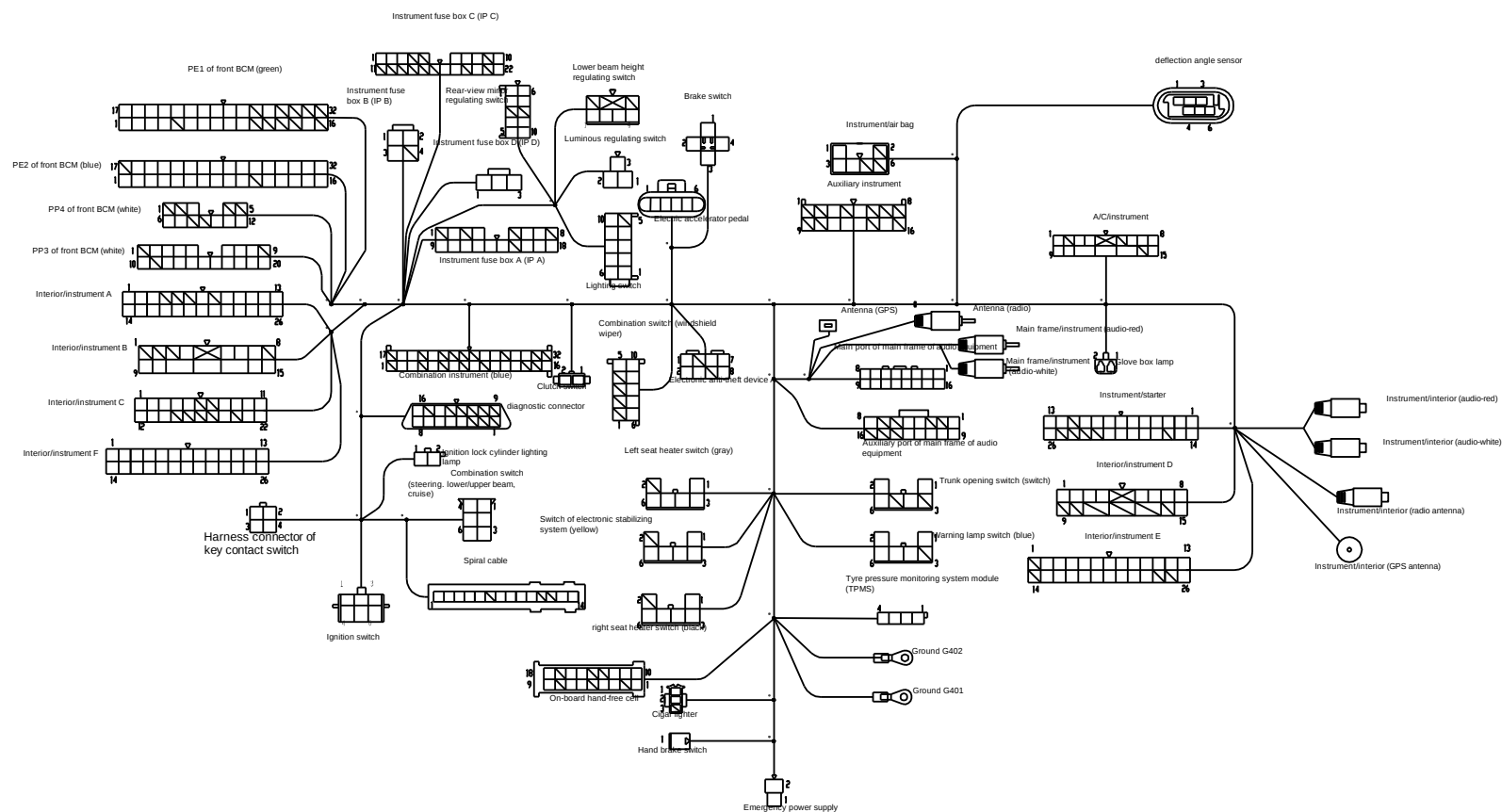
No.	Connector Name	Pin No.	Connection	Remark
1	Left cosmetic mirror	1	Interior/ceiling 10, terminal 2# of rainfall sensor	
		2	Interior/ceiling 4	
2	Rainfall sensor	1	Interior/ceiling 7	
		2	Interior/ceiling 10, terminal 1# of left cosmetic mirror, and terminal 1# of right cosmetic mirror	
		3	Interior/ceiling 1	
3	Right cosmetic mirror	1	Interior/ceiling 10, and terminal 2# of rainfall sensor	
		2	Interior/ceiling 4	
4	Front ceiling lamp and sunroof	1	Interior/ceiling 10	
		2	Interior/ceiling 4	
		3	Interior/ceiling 5	
		4	Interior/ceiling 12	
		5	Interior/ceiling 11	
		6	Interior/ceiling 9	

5	Microphone	1	Interior/ceiling 3	
		2	Interior/ceiling 8	
6	Interior/ceiling	1	terminal 3# of rainfall sensor	
		2	Ground G306	
		3	Terminal 1# of microphone	
		4	Terminal 2# of front ceiling lamp and sunroof switch, terminal 2# of left cosmetic mirror, and terminal 2# of right cosmetic mirror	
		5	Terminal 3# of front ceiling lamp and sunroof switch	
		6	Empty	
		7	Terminal 1# of rainfall sensor	
		8	Terminal 2# of microphone	
		9	Terminal 6# of front ceiling lamp and sunroof switch	
		10	Terminal 1# of front ceiling lamp and sunroof switch, terminal 1# of left cosmetic mirror, terminal 2# of rainfall sensor, and terminal 1# of right cosmetic mirror	
		11	Terminal 5# of front ceiling lamp and sunroof switch	
		12	Terminal 4# of front ceiling lamp and sunroof switch	

XI. Instrument Harness (M11-3724030BA)

Note: the instrument harness of M11-3724030BA is equipped with left/right front door anti-clipping window regulator; if the vehicle is equipped with left/right front door window regulator without anti-clipping function, the PP4 1#, PP4 2#, PP4 4#, PP4 5# of BCM are not empty.

(I). Harness Diagram



(II). Description of Harness Connector Pins

No.	Connector Name	Pin No.	Connection	Remark
1	PE1 of front BCM	1	Terminal 3# of lighting switch	
		2	Terminal 9# of combination switch (windshield wiper)	
		3	Terminal 2# of lighting switch	
		4	Interior/instrument E11	
		5	Empty	
		6	Terminal 1# of warning lamp switch	
		7	Terminal 6# of combination switch (windshield wiper)	
		8	Terminal 2# of combination switch (steering, lower/upper beam, cruise)	
		9	Terminal 5# of combination switch (steering, lower/upper beam, cruise)	
		10	Terminal 10# of combination switch (windshield wiper)	
		11	Empty	
		12	Empty	
		13	Empty	
		14	Empty	
		15	Terminal 9# of lighting switch	
		16	Empty	
		17	Interior/instrument F9	
		18	Terminal 7# of combination switch (windshield wiper)	
		19	Interior/instrument E13	
		20	Interior/instrument E10	
		21	Instrument/engine 18, terminal 1# of auxiliary port of main frame of audio equipment	
		22	Terminal 13# of spiral cable	
		23	Terminal 4# of harness connector of key contact switch	
		24	Interior/instrument A24	
		25	Interior/instrument A23	
		26	Terminal 1# of ignition lock cylinder lighting lamp	
		27	Empty	
		28	Interior/instrument F22	
		29	Empty	

		30	Empty	
		31	Empty	
		32	Empty	
2	PE2 of BCM	1	Terminal 29# of combination instrument, Interior/instrument A9, and terminal 14# of diagnostic connector	
		2	Interior/instrument F1	
		3	Interior/instrument F14	
		4	Interior/instrument F7	
		5	Interior/instrument F20	
		6	Interior/instrument E23	
		7	Interior/instrument A26	
		8	Terminal 8# of lighting switch	
		9	Terminal 7# of lighting switch	
		10	Terminal 1# of harness connector of key contact switch, and interior/instrument B4	
2	PE2 of front BCM	11	Empty	
		12	Terminal 1# of lighting switch	
		13	Terminal 6# of combination switch (steering, lower/upper beam, cruise)	
		14	Terminal 2# of trunk opening switch	
		15	IP A17	
		16	Interior/instrument E12	
		17	Empty	
		18	Terminal 6# of diagnostic connector, terminal 30# of combination instrument, and interior/instrument A10	
		19	PE2 20 of front BCM, Interior/instrument F2, and terminal 15# of auxiliary instrument	
		20	PE2 19 of front BCM, Interior/instrument F2, and terminal 15# of auxiliary instrument	
		21	Interior/instrument A7, and interior/instrument E7	
		22	interior/instrument E8	
		23	Interior/instrument A20, and interior/instrument E20	
		24	Interior/instrument E21	
		25	Interior/instrument F8, and interior/instrument E9	
		26	Interior/instrument F13	

		27	Interior/instrument F21, and interior/instrument E22	
		28	Interior/instrument F26	
		29	Terminal 3# of combination switch (steering, lower/upper beam, cruise)	
		30	Terminal 4# of combination switch (steering, lower/upper beam, cruise)	
		31	IP C17	
		32	Interior/instrument F15	
3	PP4 of front BCM	1	Empty	
		2	Empty	
		3	Interior/instrument F5	
		4	Empty	
		5	Empty	
		6	Terminal 6# of ignition switch	
		7	Interior/instrument A25	
		8	Empty	
		9	Empty	
		10	Interior/instrument F6	
		11	Terminal 1# of luminous regulating switch	
		12	Interior/instrument F19	
4	PE3 of front BCM	1	Empty	
		2	Interior/instrument F3	
		3	Interior/instrument F24	
		4	Interior/instrument E26	
		5	Terminal 6# of warning lamp switch, and interior/instrument F12	
		6	Interior/instrument F4	
		7	Interior/instrument F17	
		8	Interior/instrument F16	
		9	Empty	
		10	Interior/instrument B10, interior/instrument D6	
4	PE3 of front BCM	11	Empty	
		12	Interior/instrument E6	
		13	Interior/instrument E19	
		14	Interior/instrument A22	
		15	Interior/instrument F18	
		16	Interior/instrument F10	
		17	Interior/instrument F23	
		18	Interior/instrument F11	
		19	Interior/instrument A21, and terminal 2# of ignition lock cylinder lighting lamp	

		20	Interior/instrument F25	
5	Interior/instrument A	1	Terminal 2# of deflection angle sensor	
		2	IP A10	
		3	Terminal 7# of combination instrument, and terminal 12# of main port of main frame of audio equipment	
		4	Empty	
		5	Empty	
		6	Empty	
		7	Terminal 21# of PE2 of front BCM, interior/instrument E7	
		8	Empty	
		9	Terminal 29# of combination instrument, terminal 1# of PE2 of front BCM, and terminal 14# of diagnostic connector	
		10	Terminal 6# of diagnostic connector, Terminal 30# of combination instrument, and terminal 18# of PE2 of front BCM	
		11	Terminal 19# of combination instrument	
		12	Terminal 26# of combination instrument	
		13	Terminal 21# of combination instrument	
		14	Terminal 3# of spiral cable, and terminal 3# of deflection angle sensor	
		15	Terminal 4# of switch of electronic stabilizing system	
		16	Terminal 1# of switch of electronic stabilizing system	
		17	Interior/instrument D15, and terminal 1# of rear-view mirror regulating switch	
		18	terminal 10# of rear-view mirror regulating switch	
		19	terminal 9# of rear-view mirror regulating switch	
		20	Terminal 23# of PE2 of front BCM, and interior/instrument E20	
		21	Terminal 19# of PE3 of front BCM, and terminal 2# of ignition lock cylinder lighting lamp	
		22	Terminal 14# of PE3 of front BCM	
		23	Terminal 25# of PE1 of front BCM	
		24	Terminal 24# of PE1 of front BCM	
		25	Terminal 7# of PP4 of front BCM	
		26	Terminal 7# of PE2 of front BCM	
6	Interior/instrument	1	Empty	

	B	2	Empty	
		3	Empty	
		4	Terminal 10 of PE2 of front BCM, and terminal 1# of harness connector of key contact switch	
		5	A/C/instrument 7	
		6	A/C/instrument 15	
6	Interior/instrument B	7	A/C/instrument 3	
		8	Empty	
		9	Terminal 1# of emergency power supply	
		10	Interior/instrument D6, and terminal 10# of PE3 of front BCM	
		11	IP D2	
		12	A/C/instrument 13	
		13	A/C/instrument 12	
		14	Terminal 1# of right seat heater switch	
		15	Terminal 1# of right seat heater switch	
7	Interior/instrument C	1	Interior/instrument C3. terminal 1# of ignition switch, and terminal 6# of ignition switch	
		2	Terminal 4# of ignition switch	
		3	Interior/instrument C1, terminal 1# of ignition switch, and terminal 6# of ignition switch	
		4	IP A7	
		5	IP A9	
		6	Empty	
		7	Empty	
		8	Terminal 18# of on-board hands-free cell	
		9	Terminal 11# of main port of main frame of audio equipment	
		10	Terminal 6# of main port of main frame of audio equipment	
		11	Terminal 2# of main port of main frame of audio equipment	
		12	IP A16	
		13	Terminal 2# of lower beam height regulating switch	
		14	Terminal 1# of lower beam height regulating switch	
		15	Empty	
		16	Empty	
		17	Empty	
		18	Empty	

		19	Terminal 9# of on-board hands-free cell	
		20	Empty	
		21	Terminal 7# of main port of main frame of audio equipment	
		22	Terminal 3# of main port of main frame of audio equipment	
8	Interior/instrument F	1	Terminal 2# of PE2 of front BCM	
		2	Terminal 19 of PE2 of front BCM, Terminal 20 of PE2 of front BCM	
		3	Terminal 2# of PE3 of front BCM	
		4	Terminal 6# of PE3 of front BCM	
		5	Terminal 3# of PP4 of front BCM	
		6	Terminal 10# of PP4 of front BCM	
		7	Terminal 4# of PE2 of front BCM	
		8	Terminal 25# of PE2 of front BCM, and interior/instrument E9	
		9	Terminal 17# of PE1 of front BCM	
		10	Terminal 16# of PE3 of front BCM	
		11	Terminal 18# of PE3 of front BCM	
		12	Terminal 5# of PE3 of front BCM, terminal 6# of warning lamp switch	
		13	Terminal 26# of PE2 of front BCM	
8	Interior/instrument F	14	Terminal 3# of PE2 of front BCM	
		15	Terminal 32# of PE2 of front BCM	
		16	Terminal 8# of PE3 of front BCM	
		17	Terminal 7# of PE3 of front BCM	
		18	Terminal 15# of PE3 of front BCM	
		19	Terminal 12# of PP4 of front BCM	
		20	Terminal 5# of PE2 of front BCM	
		21	Interior/instrument E22, and terminal 27# of PE2 of front BCM	
		22	Terminal 28# of PE1 of front BCM	
		23	Terminal 17# of PE3 of front BCM	
		24	Terminal 3# of PE3 of front BCM	
		25	Terminal 20# of PE3 of front BCM	
		26	Terminal 28# of PE2 of front BCM	
9	Harness connector of key contact switch	1	Terminal 10# of PE2 of front BCM, and interior/instrument B4	
		2	IP A4, A/C/instrument 10, and terminal 3# of harness connector of key contact switch	
		3	IP A4, A/C/instrument 10, and terminal 2# of harness connector of key contact switch	

		4	Terminal 23# of PE1 of front BCM	
10	Ignition switch	1	Interior/instrument C1, interior/instrument C3	
		2	IP D3	
		3	IP D1	
		4	Interior/instrument C2	
		5	IP B2	
		6	Terminal 6# of PP4 of front BCM, terminal 2# of spiral cable, interior/instrument C1, interior/instrument C3, and terminal 1# of ignition switch	
11	Spiral cable	1	Ground G401	
		2	Terminal 6# of ignition switch	
		3	Interior/instrument A14	
		4	Interior/instrument A1	
		5	IP C3	
		6	Empty	
		7	Terminal 10# of main port of main frame of audio equipment	
		8	Terminal 13# of main port of main frame of audio equipment	
		9	Terminal 15# of on-board hands-free cell	
		10	Terminal 6# of on-board hands-free cell	
		11	Empty	
		12	Empty	
		13	Terminal 22# of PE1 of front BCM	
		14	Ground G401	
12	Combination switch (steering, lower/upper beam, cruise)	1	Ground G401	
		2	Terminal 8# of PE1 of front BCM	
		3	Terminal 29# of PE2 of front BCM	
		4	Terminal 30# of PE2 of front BCM	
		5	Terminal 9# of PE1 of front BCM	
		6	Terminal 13# of PE2 of front BCM	
13	Ignition cylinder lock lighting lamp	1	Terminal 26# of PE1 of front BCM	
		2	Terminal 19# of PE3 of front BCM, and interior/instrument A21	
14	Diagnostic connector	1	Empty	
		2	Empty	
		3	Empty	
		4	Ground G402	
		5	Ground G401	

		6	Terminal 30# of combination instrument, interior/instrument A10, and terminal 18# of PE2 of front BCM	
		7	Terminal A7# of anti-theft device	
		8	IP C8	
		9	Empty	
		10	Empty	
		11	Empty	
		12	Empty	
		13	Empty	
		14	Terminal 29# of combination instrument, terminal 1 of PE2 of front BCM, and interior/instrument A9	
		15	Empty	
		16	IP A13	
15	Combination Instrument	1	Empty	
		2	Instrument/engine 21	
		3	Ground G401, and terminal 3# of auxiliary instrument	
		4	Empty	
		5	Ground G402, and terminal 5# of auxiliary instrument	
		6	Empty	
		7	Terminal 12# of main port of main frame of audio equipment, and interior/instrument A3	
		8	Empty	
		9	Instrument/engine 15	
		10	Empty	
		11	IP A12, terminal 11# of auxiliary instrument	
		12	terminal 12# of auxiliary instrument, and terminal 3# of luminous regulating switch	
		13	terminal 13# of auxiliary instrument, terminal 13# of auxiliary port of main frame of audio equipment, IP C18, and terminal 3# of tyre pressure monitoring system module	
		14	Empty	
		15	Empty	
		16	Instrument/engine 14	
		17	Empty	
		18	Terminal 1# of hand brake switch	

		19	Interior/instrument A11	
		20	Empty	
		21	Interior/instrument A13	
		22	Empty	
		23	Empty	
		24	Empty	
15	Combination instrument	25	Empty	
		26	Interior/instrument A12	
		27	Instrument/engine 20	
		28	Empty	
		29	Terminal 1# of PE2 of front BCM, interior/instrument A9, and terminal 14# of diagnostic connector	
		30	terminal 6# of diagnostic connector, interior/instrument A10, and terminal 18# of PE2 of front BCM	
		31	Empty	
16	Clutch switch	1	Ground G401	
		2	Instrument/engine 9	
17	Combination switch (windshield wiper)	1	Empty	
		2	Empty	
		3	Empty	
		4	Empty	
		5	Ground G401	
		6	Terminal 7# of PE1 of front BCM	
		7	Terminal 18# of PE1 of front BCM	
		8	Ground G401	
		9	Terminal 2# of PE1 of front BCM	
		10	Terminal 10# of PE1 of front BCM	
18	Electronic anti-theft device (A)	1	IP A14	
		2	Ground G402	
		3	Empty	
		4	IP C20	
		5	Instrument/engine 2	
		6	Empty	
		7	Terminal 7# of diagnostic connector	
		8	Instrument/engine 12	
19	Left seat heater switch (gray)	1	Interior/instrument B15	
		2	Empty	
		3	Terminal 6# of left seat heater switch, ground G401	
		4	IP A6, terminal 4# right seat heater switch	

		5	Terminal 1# of luminous regulating switch	
		6	Terminal 3# of left seat heater switch, and ground G401	
20	Switch of electronic stabilizing system	1	Interior/instrument A16	
		2	Empty	
		3	Terminal 6# of switch of electronic stabilizing system, and ground G401	
		4	Interior/instrument A15	
		5	Terminal 1# of luminous regulating switch	
		6	Terminal 3# of switch of electronic stabilizing system, and ground G401	
21	Right seat heater switch	1	Interior/instrument B14	
		2	Empty	
		3	Terminal 6# of right seat heater switch, and ground G401	
		4	IP A6, terminal 4# of left seat heater switch	
21	Right seat heater switch	5	Terminal 1# of luminous regulating switch	
		6	Terminal 3# of right seat heater switch, and ground G401	
22	On-board hands-free cell	1	Ground G401	
		2	Empty	
		3	Terminal 10# of auxiliary port of main frame of audio equipment	
		4	Terminal 12# of auxiliary port of main frame of audio equipment	
		5	Empty	
		6	Terminal 10# spiral cable	
		7	Terminal 5# of auxiliary port of main frame of audio equipment	
		8	Empty	
		9	Interior/instrument C19	
		10	IP A18, and terminal 15# of main port of main frame of audio equipment	
		11	IP C22	
		12	Terminal 11# of auxiliary port of main frame of audio equipment	
		13	Empty	
		14	Empty	
		15	Terminal 9# spiral cable	

		16	Terminal 4# of auxiliary port of main frame of audio equipment	
		17	Empty	
		18	Interior/instrument C8	
23	Cigar lighter	1	Ground B402	
		2	IP B3	
		3	Empty	
24	Hand brake switch	1	Terminal 18# of combination instrument	
25	Emergency switch	1	Interior/instrument B9	
		2	Ground G401	
26	Tyre pressure monitoring system module	1	Instrument/engine 13, A/C/instrument 8, and terminal 4# of deflection angle sensor	
		2	Instrument/engine 26, A/C/instrument 6, terminal 5# of deflection angle sensor	
		3	Terminal 13# of combination instrument, terminal 13# of auxiliary instrument, and terminal 13# of auxiliary port of main frame of audio equipment, IP C18	
		4	Ground G402	
27	Warning lamp switch	1	Terminal 6# of PE1 of front BCM	
		2	Ground G401	
		3	Empty	
		4	Interior/instrument E16, and terminal 1# of luminous regulating switch	
		5	Ground G401	
		6	Terminal 5# of PE3 of front BCM, and interior/instrument F12	
28	Trunk opening switch	1	Terminal 6# of trunk opening switch, and ground G401	
		2	Terminal 14# of PE2 of front BCM	
		3	Empty	
		4	Terminal 1# of luminous regulating switch	
		5	Empty	
		6	Terminal 1# of trunk opening switch, ground G401	
29	Auxiliary port of main frame of audio equipment	1	Terminal 21# of PE1 of front BCM, Instrument/engine 18, and interior/instrument D3	
		2	Empty	
		3	Empty	
		4	Terminal 16# of on-board hands-free cell	
		5	Terminal 7# of on-board hands-free cell	

		6	Empty	
		7	Empty	
		8	Interior/instrument E3	
		9	Interior/instrument E2	
		10	Terminal 3# of on-board hands-free cell	
		11	Terminal 12# of on-board hands-free cell	
		12	Terminal 4# of on-board hands-free cell	
		13	Terminal 13# of combination instrument, terminal 13# of auxiliary instrument, IP C18, and terminal 3# of tyre pressure monitoring system module	
		14	Empty	
		15	Empty	
		16	Empty	
30	Main port of main frame of audio equipment	1	Ground G401	
		2	Interior/instrument C11	
		3	Interior/instrument C22	
		4	Interior/instrument E18	
		5	Interior/instrument E5	
		6	Interior/instrument C10	
		7	Interior/instrument C21	
		8	Interior/instrument E4	
		9	Interior/instrument E17	
		10	Terminal 7# of spiral cable	
		11	Interior/instrument C9	
		12	Terminal 7# of combination instrument, and interior/instrument A3	
		13	Terminal 8# of spiral cable	
		14	Terminal 1# of luminous regulating switch	
		15	IP A18, and terminal 10# of on-board hands-free cell	
		16	IP C10	
31	Glove box lamp	1	Interior/instrument D7	
		2	Ground G401	
32	Instrument/engine	1	Terminal 3# of brake switch	
		2	Terminal A5 of electronic anti-theft device	
		3	Terminal 5# of electric accelerator pedal	
		4	Terminal 2# of electric accelerator pedal	
		5	Terminal 3# of electric accelerator pedal	
		6	Terminal 6# of electric accelerator pedal	
		7	Terminal 1# of electric accelerator pedal	
		8	Terminal 4# of electric accelerator pedal	

		9	Terminal 2# of clutch switch	
32	Instrument/engine	10	Interior/instrument E15, and terminal 4# of brake switch	
		11	Empty	
		12	Terminal A8 of electronic anti-theft device	
		13	Terminal 1# of tyre pressure monitoring system module, A/C/instrument 8, and terminal 4# of deflection angle sensor	
		14	Terminal 16# of combination instrument	
		15	Terminal 9# of combination instrument	
		16	Empty	
		17	A/C/instrument 11, IP C7	
		18	Terminal 21# of PE1 of front BCM, and terminal 1# of auxiliary port of main frame of audio-equipment	
		19	Interior/instrument D4	
		20	Terminal 27# of combination instrument	
		21	Terminal 2# of combination instrument	
		22	Empty	
		23	Empty	
		24	Empty	
		25	Empty	
		26	Terminal 2# of tyre pressure monitoring system module, A/C/instrument 6, and terminal 5# of deflection angle sensor	
33	Interior/instrument D	1	A/C/instrument 1	
		2	A/C/instrument 4	
		3	Terminal 1# of auxiliary port of main frame of audio equipment, terminal 21# of PE1 of front BCM, and instrument/engine 18	
		4	Instrument/engine 19	
		5	Terminal 7# of rear-view mirror regulating switch	
		6	Interior/instrument B10, terminal 10# of PE3 of front BCM	
		7	Terminal 1# of glove box lamp	
		8	Terminal 6# of rear-view mirror regulating switch	
		9	Empty	
		10	Empty	
		11	Empty	
		12	Empty	

		13	Empty	
		14	Empty	
		15	Interior/instrument A17, terminal 1# of rear-view mirror regulating switch	
34	Interior/instrument E	1	Empty	
		2	Terminal 9# of auxiliary port of main frame of audio equipment	
		3	Terminal 8# of auxiliary port of main frame of audio equipment	
		4	Terminal 8# of main port of main frame of audio equipment	
		5	Terminal 5# of main port of main frame of audio equipment	
		6	Terminal 12# of PE3 of front BCM	
		7	Terminal 21# of PE2 of front BCM, interior/instrument A7	
		8	Terminal 22# of PE2 of front BCM	
		9	Terminal 25# of PE2 of front BCM, interior/instrument F8	
34	Interior/instrument E	10	Terminal 20# of PE1 of front BCM	
		11	Terminal 4# of PE1 of front BCM	
		12	Terminal 16# of PE2 of front BCM	
		13	Terminal 19# of PE1 of front BCM	
		14	Empty	
		15	Terminal 4# of brake switch, and instrument/engine 10	
		16	Terminal 4# of warning lamp switch, and terminal 1# of luminous regulating switch	
		17	Terminal 9# of main port of main frame of audio equipment	
		18	Terminal 4# of main port of main frame of audio equipment	
		19	Terminal 13# of PE3 of front BCM	
		20	Terminal 23# of PE2 of front BCM, and interior/instrument A20	
		21	Terminal 24# of PE2 of front BCM	
		22	Interior/instrument F21, Terminal 27# of PE2 of front BCM	
		23	Terminal 6# of PE2 of front BCM	
		24	Empty	
		25	Empty	
		26	Terminal 4# of PE3 of front BCM	
35	A/C/instrument	1	Interior/instrument D1	

		2	Empty	
		3	Interior/instrument B7	
		4	Interior/instrument D2	
		5	Empty	
		6	Terminal 2# of tyre pressure monitoring system module, instrument/engine 26, and terminal 5# of deflection angle sensor	
		7	Interior/instrument B5	
		8	Terminal 1# of tyre pressure monitoring system module, instrument/engine 13, and terminal 4# of deflection angle sensor	
		9	Terminal 1# of luminous regulating switch	
		10	IP A4, terminal 2# of harness connector of key contact switch, and terminal 3# of harness connector of key contact switch	
		11	Instrument/engine 17, IP C7	
		12	Interior/instrument B13	
		13	Interior/instrument B12	
		14	Empty	
		15	Interior/instrument B6	
36	Deflection angle sensor	1	IP C2	
		2	Terminal 4# of deflection angle sensor, and interior/instrument A1	
		3	Terminal 3# of deflection angle sensor, and interior/instrument A14	
		4	Terminal 1# of tyre pressure monitoring system module, instrument/engine 13, and A/C/instrument 8	
		5	Instrument/engine 26, A/C/instrument 6, and terminal 2# of tyre pressure monitoring system module	
		6	Ground G402	
37	Instrument/airbag	1	IP C6	
		2	Empty	
		3	Instrument/engine 13	
37	Instrument/airbag	4	Instrument/engine 26	
		5	Empty	
		6	Empty	
38	Auxiliary instrument	1	Empty	
		2	Empty	
		3	Terminal 3# of combination instrument	

		4	Empty	
		5	Terminal 5# of combination instrument	
		6	Empty	
		7	Empty	
		8	Empty	
		9	Empty	
		10	Empty	
		11	Terminal 11# of combination instrument, IP A12	
		12	Terminal 12# of combination instrument, and terminal 3# of luminous regulating switch	
		13	Terminal 13# of combination instrument, terminal 13# of auxiliary port of main frame of audio equipment, IP C18, and terminal 3# of tyre pressure monitoring system module	
39	Brake switch	14	Empty	
		15	Terminal 19 of PE2 and Terminal 20 of PE2 of front BCM, and interior/instrument F2	
		16	Empty	
40	Electric accelerator pedal	1	IP C1	
		2	IP B1	
		3	Instrument/engine 1	
		4	Instrument/engine 10, and interior/instrument E15	
		1	Instrument/engine 7	
		2	Instrument/engine 4	
41	Lower beam height regulating switch	3	Instrument/engine 5	
		4	Instrument/engine 8	
		5	Instrument/engine 3	
		6	Instrument/engine 6	
42	Luminous regulating switch	1	Interior/instrument C14	
		2	Interior/instrument C13	
		3	Terminal 1# of luminous regulating switch	
		4	Ground G402	
43	Lighting switch	1	Terminal 11# of PP4 of front BCM	
		2	Ground G401	
		3	Terminal 12# of combination instrument, and terminal 12# of auxiliary instrument	
43	Lighting switch	1	Terminal 12# of PE2 of front BCM	
		2	Terminal 3# of PE1 of front BCM	

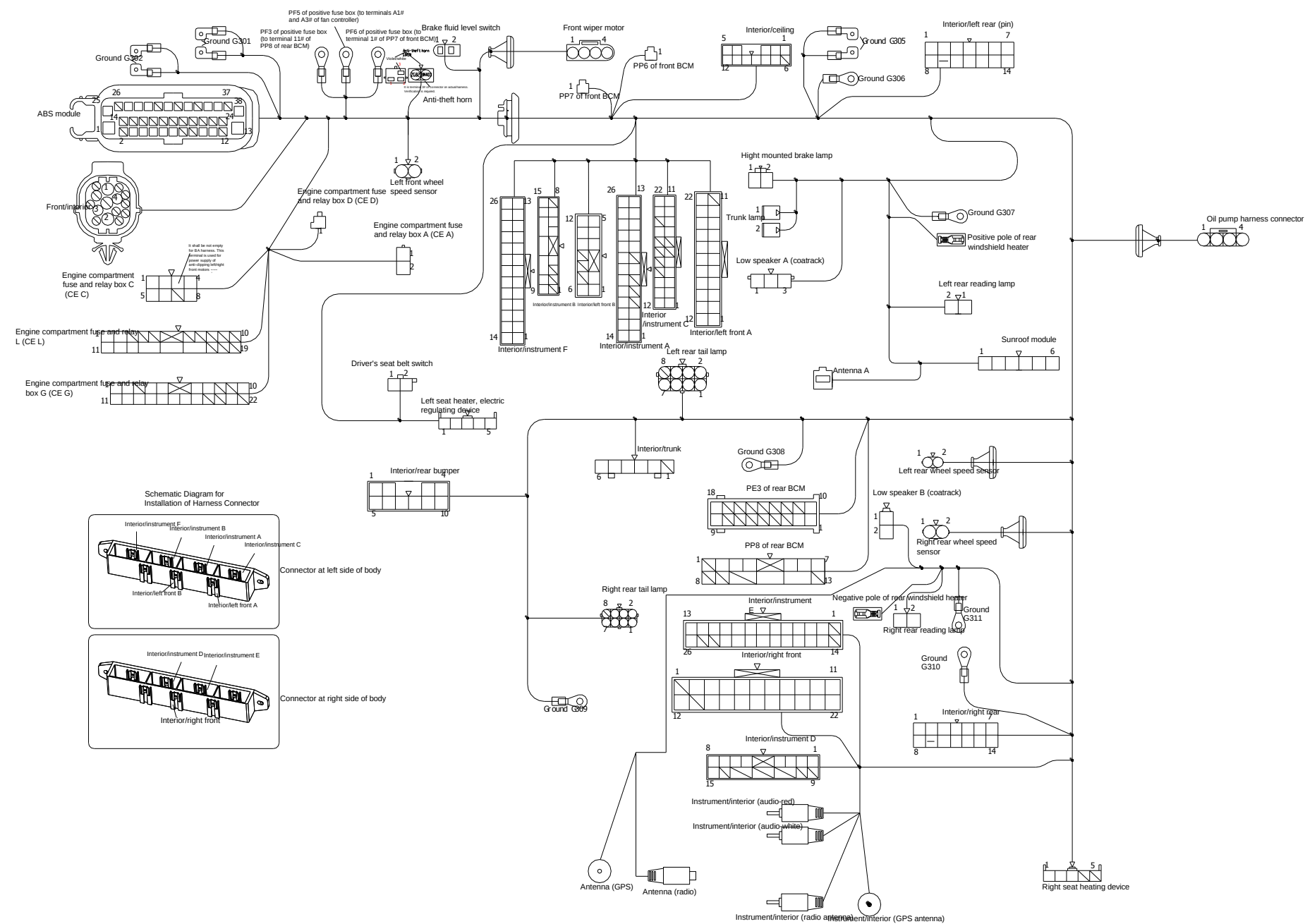
		3	Terminal 1# of PE1 of front BCM	
		4	IP A2	
		5	Empty	
		6	Ground G401	
		7	Terminal 9# of PE2 of front BCM	
43	Lighting switch	8	Terminal 8# of PE2 of front BCM	
		9	Terminal 15# of PE1 of front BCM	
		10	Terminal 1# of luminous regulating switch	
44	Rear-view mirror regulating switch	1	Interior/instrument A17, and interior/instrument D15	
		2	Terminal 1# of luminous regulating switch	
		3	Empty	
		4	Ground G402	
		5	IP A11	
		6	Interior/instrument D8	
		7	Interior/instrument D5	
		8	Empty	
		9	Interior/instrument A19	
		10	Interior/instrument A18	
45	Instrument fuse box A (IP A)	1	Empty	
		2	Terminal 4# of lighting switch	
		3	Empty	
		4	A/C/instrument 10, terminal 3# of harness connector of key contact switch, and terminal 2# of harness connector of key contact switch	
		5	Empty	
		6	Terminal 4# of left seat heater switch, and terminal 4# of right seat heater switch	
		7	Interior/instrument C4	
		8	Empty	
		9	Interior/instrument C5	
		10	Interior/instrument A2	
		11	Terminal 5# of rear-view mirror regulating switch	
		12	Terminal 11# of combination instrument, and terminal 11# of auxiliary instrument	
		13	Terminal 16# of diagnostic connector	
		14	Terminal A1 of electronic anti-theft device	
		15	Empty	

		16	Interior/instrument C12	
		17	Terminal 15# of PE2 of front BCM	
		18	Terminal 10# of on-board hands-free cell, and terminal 15# of main port of main frame of audio equipment	
46	Instrument fuse box B (IP B)	1	Terminal 2# of brake switch	
		2	Terminal 5# of ignition switch	
		3	Terminal 2# of cigar lighter	
		4	Empty	
47	Instrument fuse box C (IP C)	1	Terminal 1# of brake switch	
		2	Terminal 1# of deflection angle sensor	
		3	Terminal 5# of spiral cable	
		4	Empty	
		5	Empty	
		6	Instrument/airbag 1	
		7	A/C/instrument 11, and Instrument/engine 17	
		8	Terminal 8# of diagnostic connector	
47	Instrument fuse box C (IP C)	9	Empty	
		10	Terminal 16# of main port of main frame of audio equipment	
		11	Empty	
		12	Empty	
		13	Empty	
		14	Empty	
		15	Empty	
		16	Empty	
		17	Terminal 31# of PE2 of front BCM	
		18	Terminal 13# of combination instrument, terminal 13# of auxiliary instrument, terminal 13# of auxiliary port of main frame of audio equipment, and terminal 3# of tyre pressure monitoring system module	
		19	Empty	
		20	Terminal A4 of electronic anti-theft device	
		21	Empty	
		22	Terminal 11# of on-board hands-free cell	
48	Instrument fuse box D (IP D)	1	Terminal 3# of ignition switch	
		2	Interior/instrument B11	
		3	Terminal 2# of ignition switch	

XII. Interior Harness (M11-3724050BA)

Note: The instrument harness of M11-3724050BA is equipped with anti-clipping left/right front door window regulators; if the vehicle is equipped with left/right front door window regulators without anti-clipping function, the terminal CE C3# of engine compartment fuse and relay box C (CE C) is empty.

(I) Diagram of Harness



(II) Description of Pin of Harness Connector

No.	Connector Name	Pin No.	Connection	Remarks
1	ABS module	1	CE A1	
		2	Empty	
		3	CE G11	
		4	CE G12	
		5	Interior/instrument A1 and interior/instrument A10	
		6	Interior/instrument A14 and interior/instrument A9	
		7	CE G7	
		8	Empty	
		9	Empty	
		10	Terminal 1# of right rear wheel speed sensor	
		11	Terminal 2# of right rear wheel speed sensor	
		12	Empty	
		13	Ground G301	
		14	Empty	
		15	Empty	
		16	Empty	
		17	Empty	
		18	Empty	
		19	Empty	
		20	Empty	
		21	Empty	
		22	Empty	
		23	Empty	
		24	Empty	
		25	CE A2	
		26	Empty	
		27	Terminal 2# of left front wheel speed sensor	
		28	Terminal 1# of left front wheel speed sensor	
		29	Interior/instrument A15	
		30	Empty	
		31	Interior/instrument A16	
		32	Empty	
		33	CE G10	
		34	Empty	
		35	Terminal 1# of left rear wheel speed sensor	
		36	Terminal 2# of left rear wheel speed sensor	
		37	Empty	
		38	Ground G301	

2	Front/interior	1	Front/interior 2 and PF5	
		2	Front/interior 1 and PF5	
		3	Interior/instrument C14	
2	Front/interior	4	Interior/instrument F22	
3	CE A	1	Terminal 1# of ABS	
		2	Terminal 25# of ABS	
4	CE D	1	Left seat heater and terminal 5# of electric regulating device	
5	CE C	1	Interior/instrument C1 and interior/instrument C3	
		2	Interior/instrument F4 and interior/instrument F17	
		3	Interior/right front 4 and interior/left front B4	
		4	Terminal 3# of oil pump harness connector	
		5	Interior/instrument B9	
		6	Interior/instrument B11	
		7	Empty	
		8	Terminal 1# of sunroof module	
6	CE L	1	Terminal 4# of left rear tail lamp, interior/rear bumper 5, and interior/instrument F6	
		2	Terminal 4# of right rear tail lamp and interior/instrument F19	
		3	Empty	
		4	Empty	
		5	Empty	
		6	Empty	
		7	Empty	
		8	Empty	
		9	Empty	
		10	Empty	
		11	Interior/instrument B7	
		12	Interior/instrument A24	
		13	Interior/instrument A23	
		14	Interior/instrument B12	
		15	Interior/instrument B13	
		16	Left seat heater, terminal 3# of electric regulating device and terminal 3# of right seat heating device	
		17	Empty	
		18	Empty	

		19	Empty	
7	CE G	1	Interior/instrument C13	
		2	Interior/instrument F15	
		3	Empty	
		4	Interior/instrument B5	
		5	Interior/instrument B6	
		6	Interior/instrument C5	
		7	Terminal 7# of ABS	
		8	Empty	
		9	Empty	
		10	Terminal 33# of ABS	
		11	Terminal 3# of ABS	
7	CE G	12	Terminal 4# of ABS	
		13	Interior/instrument F12, interior/left front A21, and terminal 2# of left rear tail lamp	
		14	Interior/instrument F18	
		15	Terminal 2# of right rear tail lamp and interior/instrument E26	
		16	Interior/instrument F25	
		17	CE G18 and interior/instrument C4	
		18	CE G17 and interior/instrument C4	
		19	Empty	
		20	Empty	
		21	Interior/instrument C2	
		22	Empty	
8	Left front wheel speed sensor	1	Terminal 28# of ABS	
		2	Terminal 27# of ABS	
9	Driver's seat belt switch	1	Interior/instrument A11	
		2	Ground G305	
10	Left seat heater, electric regulating device	1	Interior/instrument B15	
		2	Ground G306	
		3	CE L16 and terminal 3# of right seat heating device	
		4	Ground G302	
		5	CE D1	
11	Interior/rear bumper	1	Interior/instrument E3	
		2	Ground G310 and Ground G309	
		3	Terminal 10# of PE3 of rear BCM	
		4	Ground G309	
		5	Terminal 4# of left rear tail lamp, CE L1, and interior/instrument F6	
		6	Interior/instrument E2	

		7	Terminal 6# of left rear tail lamp, interior/instrument D4, and terminal 6# of right rear tail lamp	
		8	Terminal 1 of PE3 of rear BCM	
		9	Terminal 7# of left rear tail lamp, interior/instrument D3, and terminal 7# of right rear tail lamp	
		10	Terminal 2 of PE3 of rear BCM	
12	Right rear tail lamp	1	Ground G309	
		2	CE G15, interior/instrument E26, and interior/right front 16	
		3	Interior/instrument E15	
		4	Interior/instrument F19, CE L2	
		5	Terminal 12 of PP8 of rear BCM	
		6	Terminal 6# of left rear tail lamp, interior/instrument D4, and interior/rear bumper 7	
		7	Terminal 7# of left rear tail lamp, interior/instrument D3, and interior/rear bumper 9	
		8	Empty	
13	interior/trunk	1	Empty	
		2	Ground G308	
		3	Interior/instrument E12, interior/right front 18, and interior/left front A16	
		4	Ground G308	
		5	Interior/instrument E13 and terminal 2# of trunk lamp	
13	interior/trunk	6	Interior/instrument A22	
14	Left rear tail lamp	1	Ground G308	
		2	Interior/instrument F12, interior/left front A21, and CE G13	
		3	Interior/instrument E15	
		4	CE L1, interior/rear bumper 5, and interior/instrument F6	
		5	Terminal 12 of PP8 of rear BCM	
		6	Terminal 6# of right rear tail lamp, interior/instrument D4, and interior/rear bumper 7	
		7	Terminal 7# of right rear tail lamp, interior/instrument D3, and interior/rear bumper 9	
		8	Empty	

15	PE3 of rear BCM	1	Interior/rear bumper 8	
		2	Interior/rear bumper 10	
		3	Empty	
		4	Empty	
		5	Empty	
		6	Empty	
		7	Empty	
		8	Empty	
		9	Interior/instrument F1, interior/right front 2, and interior/left front B2	
		10	Interior/rear bumper 3	
		11	Empty	
		12	Empty	
		13	Empty	
		14	Empty	
		15	Empty	
		16	Empty	
		17	Empty	
		18	Interior/instrument F14	
16	PP8 of rear BCM	1	Empty	
		2	Interior/right rear 7	
		3	Interior/right rear 14	
		4	Ground G308	
		5	Ground G308	
		6	Interior/left rear14	
		7	Interior/left rear7	
		8	Empty	
		9	Empty	
		10	Empty	
		11	PF3	
		12	Terminal 5# of right rear tail lamp and terminal 5# of left rear tail lamp	
		13	Empty	
17	Interior/instrument E	1	Empty	
		2	Interior/rear bumper 6	
		3	Interior/rear bumper 1	
17	Interior/instrument E	4	Interior/right rear 1	
		5	Interior/right front 11	
		6	Interior/right front 3, interior/right rear 3, interior/left front B3, and interior/left rear3	
		7	Interior/right rear 5	

		8	Interior/left rear 5 and interior/left front A8	
		9	Interior/right front 6	
		10	Interior/left rear 的 6#	
		11	Interior/right rear 6	
		12	Interior/trunk 3, interior/right front 18, and interior/left front A16	
		13	Interior/trunk 5 and terminal 2# of trunk lamp	
		14	Empty	
		15	Terminal 3# of right rear tail lamp, terminal 3# of left tail lamp, and terminal 2# of high mounted brake lamp	
		16	Interior/right rear 11, interior/right front 5, interior/left front A10, and interior/left rear 11	
		17	Interior/right rear 8	
		18	Interior/right front 22	
		19	Interior/right front 14, interior/right rear 10, interior/left front B10, and interior/left rear 10	
		20	Interior/right rear 12	
		21	Interior/left rear 12 and interior/left front A19	
		22	Interior/right front 17	
		23	Interior/right front 7	
		24	Empty	
		25	Empty	
		26	Terminal 2# of right rear tail lamp and CE G15	
18	Interior/right front	1	Empty	
		2	Interior/instrument F1, terminal 9 of PE3 of rear BCM, and interior/left front B2	
		3	Interior/left rear 3, interior/right rear 3, interior/left front B3, and interior/instrument E6	
		4	Interior/left front B4, CE C3	
		5	Interior/left rear 11, interior/right rear 11, interior/left front A10, and interior/instrument E16	
		6	Interior/instrument E9	
		7	Interior/instrument E23	
		8	Interior/instrument D8	

		9	Interior/instrument D15	
		10	Interior/instrument D6	
		11	Interior/instrument E5	
		12	Interior/right rear 4, interior/left rear 4, and interior/left front A22	
		13	Empty	
		14	Interior/left rear 10, interior/right rear 10, interior/left front B10, and interior/instrument E19	
18	Interior/right front	15	Ground G310	
		16	CE G15, interior/instrument E26, and terminal 2# of right rear tail lamp	
		17	Interior/instrument E22	
		18	Interior/trunk 3, interior/instrument E12, and interior/left front A16	
		19	Terminal 1# of trunk lamp, interior/instrument D7, interior/ceiling 4, terminal 2# of left rear reading lamp, interior/left front A15, terminal 2# of right rear reading lamp, and interior/instrument A21	
		20	Interior/instrument D5	
		21	Ground G310	
		22	Interior/instrument E18	
19	Interior/instrument D	1	Ground G310	
		2	Ground G310	
		3	Terminal 7# of left rear tail lamp, terminal 7# of right rear tail lamp, and interior/rear bumper 9	
		4	Terminal 6# of left rear tail lamp, terminal 6# of right rear tail lamp, and interior/rear bumper 7	
		5	Interior/right front 20	
		6	Interior/right front 10	
		7	Terminal 1# of trunk lamp, terminal 2# of right rear reading lamp, interior/ceiling 4, terminal 2# of left rear reading lamp, interior/left front A15, interior/right front 19, and interior/instrument A21	
		8	Interior/right front 8	
		9	Empty	
		10	Empty	
		11	Empty	
		12	Empty	

		13	Empty	
		14	Empty	
		15	Interior/right front 9	
20	Interior/right rear	1	Interior/instrument E4	
		2	Ground G310	
		3	Interior/right front 3, interior/left rear3, interior/left front B3, and interior/instrument E6	
		4	Interior/left rear 4, interior/right front 12, and interior/left front A22	
		5	Interior/instrument E7	
		6	Interior/instrument E11	
		7	Terminal 2 of PP8 of rear BCM	
		8	Interior/instrument E17	
		9	Empty	
		10	Interior/right front 14, interior/left rear 10, interior/left front B10, and interior/instrument E19	
		11	Interior/left rear 11, interior/right front 5, interior/left front A10, and interior/instrument E16	
		12	Interior/instrument E20	
		13	Ground G310	
		14	Terminal 3 of PP8 of rear BCM	
21	Right seat heating device	1	Interior/instrument B14	
21	Right seat heating device	2	Ground G310	
		3	Left seat heater, terminal 3# of electric regulating device and CE L16	
		4	Empty	
		5	Empty	
22	Right rear reading lamp	1	Ground G307	
		2	Terminal 1# of trunk lamp, interior/instrument D7, interior/ceiling 4, terminal 2# of left rear reading lamp, interior/left front A15, interior/right front 19, and interior/instrument A21	
23	Negative pole of rear windshield heater		Ground G311	
24	Right rear wheel speed sensor	1	Terminal 10# of ABS	
		2	Terminal 11# of ABS	
35	Low speaker B	1	Instrument/interior (audio-red)	

	(coatrack)	2	Instrument/interior (audio-white)	
36	Left rear wheel speed sensor	1	Terminal 35# of ABS	
		2	Terminal 36# of ABS	
37	Oil pump harness connector	1	Interior/instrument A13	
		2	Ground G306	
		3	CE C4	
		4	Ground G305	
38	Sunroof module	1	CE C8	
		2	Ground G307	
		3	Interior/instrument A3	
		4	Interior/instrument B4	
		5	Interior/ceiling 12	
		6	Interior/ceiling 11	
39	Left rear reading lamp	1	Ground G307	
		2	Terminal 1# of trunk lamp, interior/instrument D7, interior/ceiling 4, terminal 2# of right rear reading lamp, interior/left front A15, interior/right front 19, and interior/instrument A21	
40	Positive pole of rear windshield heater		Interior/instrument F16	
41	Low speaker A (coatrack)	1	Interior/instrument A25	
		2	Ground G307	
		3	Interior/instrument C9, and antenna A of radio and GPS antenna	
42	Trunk lamp	1	Terminal 2# of right rear reading lamp, interior/instrument D7, interior/ceiling 4, terminal 2# of left rear reading lamp, interior/left front A15, interior/right front 19, and interior/instrument A21	
		2	Interior/trunk 5 and interior/instrument E13	
43	High mounted brake lamp	1	Ground G307	
		2	Interior/instrument E15	
44	Interior/instrument F	1	Terminal 9 of PE3 of rear BCM, interior/right front 2, and interior/left front B2	
		2	Terminal 3# of anti-theft horn and interior/ceiling 1	
		3	Interior/ceiling 9	
		4	CE C2, interior/instrument F17	
		5	Terminal 1# of anti-theft horn	

		6	CE L1, interior/rear bumper 5 and terminal 4# of left rear tail lamp	
		7	Interior/left front B1	
		8	Interior/left front A7	
		9	Terminal 3# of front wiper motor	
		10	Terminal 2# of front wiper motor	
		11	Interior/left front B5	
		12	Terminal 2# of left rear tail lamp, interior/left front A21, and CE G13	
		13	Interior/left front A6	
		14	Terminal 18 of PE3 of rear BCM	
		15	CE G2	
		16	Positive pole of rear windshield heater	
		17	CE C2 and interior/instrument F4	
		18	CE G14	
		19	Terminal 4# of right rear tail lamp and CE L2	
		20	Interior/left front B6	
		21	Interior/left front A18	
		22	Front/interior 4	
		23	Terminal 1# of front wiper motor	
		24	Interior/left front B12	
		25	CE G16	
		26	Interior/left front A17	
45	Interior/instrument B	1	Empty	
		2	Empty	
		3	Empty	
		4	Terminal 4# of sunroof module	
		5	CE G4	
		6	CE G5	
		7	CE L11	
		8	Empty	
		9	CE C5	
		10	Interior/left front A2	
		11	CE C6	
		12	CE L14	
		13	CE L15	
		14	Terminal 1# of right seat heating device	
		15	Left seat heater, terminal 1# of electric regulating device	
46	Interior/left front B	1	interior/instrument F7	
		2	Interior/instrument F1, interior/right front 2, and terminal 9 of PE3 of rear BCM	

46	Interior/left front B	3	Interior/right front 3, interior/right rear 3, interior/left rear3, and interior/instrument E6	
		4	Interior/right front 4 and CE C3	
		5	Interior/instrument F11	
		6	Interior/instrument F20	
		7	Empty	
		8	Empty	
		9	Empty	
		10	Interior/right front 14, interior/right rear 10, interior/left rear10, and interior/instrument E19	
		11	Ground G305	
		12	Interior/instrument F24	
47	Interior/instrument A	1	Terminal 5# of ABS and interior/instrument A10	
		2	Interior/ceiling 7	
		3	Terminal 3# of sunroof module	
		4	Empty	
		5	Empty	
		6	Empty	
		7	Interior/left front A9	
		8	Empty	
		9	Terminal 6# of ABS and interior/instrument A14	
		10	Interior/instrument A1 and terminal 5# of ABS module	
		11	Terminal 1# of driver's seat belt switch	
		12	Terminal 1# of brake fluid level switch	
		13	Terminal 1# of oil pump harness connector	
		14	Terminal 6# of ABS, interior/instrument A9	
		15	Terminal 29# of ABS	
		16	Terminal 31# of ABS	
		17	interior/left front A3	
		18	interior/left front A14	
		19	interior/left front A4	
		20	interior/left front A20	

		21	Terminal 1# of trunk lamp, interior/instrument D7, interior/ceiling 4, terminal 2# of left rear reading lamp, interior/left front A15, interior/right front 19, and terminal 2# of right rear reading lamp	
		22	Interior/trunk 6	
		23	CE L13	
		24	CE L12	
		25	Terminal 1# of low speaker A (coatrack)	
		26	Interior/left front A5	
48	Interior/instrument C	1	Interior/instrument C3 and CE C1	
		2	CE G21	
		3	Interior/instrument C1 and CE C1	
		4	CE G18 and CE G17	
48	Interior/instrument C	5	CE G6	
		6	Empty	
		7	Empty	
		8	Interior/ceiling 8	
		9	Terminal 3# of low speaker A (coatrack)	
		10	Interior/left rear1	
		11	Interior/left front A1	
		12	Interior/ceiling 5	
		13	CE G1	
		14	Front/interior 3	
		15	Empty	
		16	Empty	
		17	Empty	
		18	Empty	
49	Interior/left front A	19	Interior/ceiling 3	
		20	Empty	
		21	Interior/left rear 8	
		22	Interior/left front A12	
		1	Interior/instrument C11	
		2	Interior/instrument B10	
		3	Interior/instrument A17	
		4	Interior/instrument A19	
		5	Interior/instrument A26	
		6	Interior/instrument F13	
		7	Interior/instrument F8	
		8	Interior/instrument E8 and interior/left rear 5	
		9	Interior/instrument A7	

		10	Interior/right rear 11, interior/right front 5, interior/left rear 11, and interior/instrument E16	
		11	Empty	
		12	Interior/instrument C22	
		13	Ground G305	
		14	Interior/instrument A18	
		15	Terminal 1# of trunk lamp, interior/instrument D7, interior/ceiling 4, terminal 2# of left rear reading lamp, terminal 2# of right rear reading lamp, interior/right front 19, and interior/instrument A21	
		16	Interior/trunk 3, interior/instrument E12, and interior/right front 18	
		17	Interior/instrument F26	
		18	Interior/instrument F21	
		19	Interior/instrument E21 and interior/left rear 12	
		20	Interior/instrument A20	
		21	Terminal 2# of left rear tail lamp, interior/instrument F12, and CE G13	
		22	Interior/right rear 4, interior/right front 12, and interior/left rear 4	
50	Interior/left rear	1	Interior/instrument C10	
		2	Ground G305	
		3	Interior/right front 3, interior/right rear 3, interior/left front B3, and interior/instrument E6	
		4	Interior/right rear 4, interior/right front 12, and interior/left front A22	
		5	Interior/instrument E8 and interior/left front A8	
		6	Interior/instrument E10	
		7	Terminal 7 of PP8 of rear BCM	
		8	Interior/instrument C21	
		9	Empty	
		10	Interior/right front 14, interior/right rear 10, interior/left front B10, and interior/instrument E19	
		11	Interior/right rear 11, interior/right rear 5, interior/left front A10, and interior/instrument E16	

		12	Interior/instrument E21 and interior/left front A19	
		13	Ground G305	
		14	Terminal 6 of PP8 of rear BCM	
51	Interior/ceiling	1	Interior/instrument F2	
		2	Ground G306	
		3	Interior/instrument C19	
		4	Terminal 1# of trunk lamp, interior/instrument D7, terminal 2# of right rear reading lamp, terminal 2# of left rear reading lamp, interior/left front A15, interior/right front 19, and interior/instrument A21	
		5	Interior/instrument C12	
		6	Empty	
		7	Interior/instrument A2	
		8	Interior/instrument C8	
		9	Interior/instrument F3	
		10	Ground G305	
		11	Terminal 6# of sunroof module	
		12	Terminal 5# of sunroof module	
52	PP6 of front BCM	1	Ground G302	
53	PP7 of front BCM	1	PF6	
54	Front wiper motor	1	Interior/instrument F23	
		2	Interior/instrument F10	
		3	Interior/instrument F9	
		4	Ground G305	
55	Brake fluid level switch	1	Interior/instrument A12	
		2	Ground G302	
56	Anti-theft horn	1	Interior/instrument F5	
		2	Ground G302	
		3	Interior/instrument F2	
57	PF6		PP7 of front BCM	
58	PF5		Front/interior 1 and front/interior 2	
59	PF3		Terminal 11 of PP8 of rear BCM	

Note: In all diagrams of harness above, the black or stroke or bias in the connector of harness means that the terminal is Empty. See the following 3 examples.

