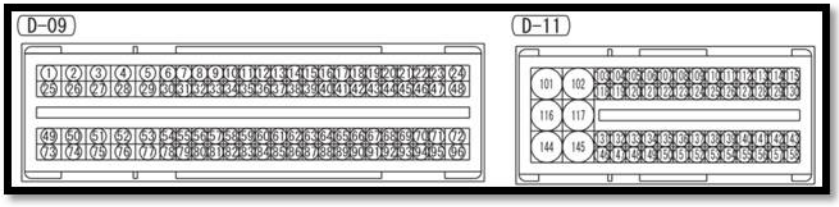
MITSUBISHI

L200 / Triton

RHD

Wiring Diagram Electrical System



2.015 - 2.019

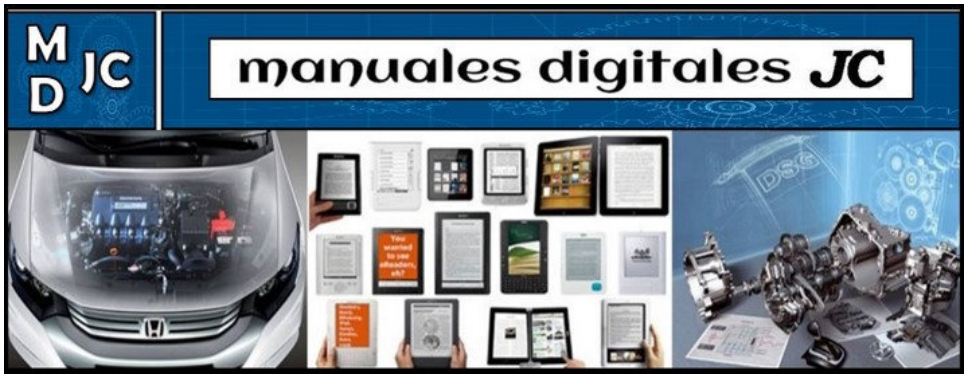


ECU 2 Connectors (96 Pins + 58 Pins) 154 Terminals

EOBOOK SYSTEMS

Wire Color Code / Wiring Routing
Engine Control System (ECU) / CAN
Automatic Transmission / Fuse & Relay
Immobilizer System / Connectors/ Etc.

PDF download



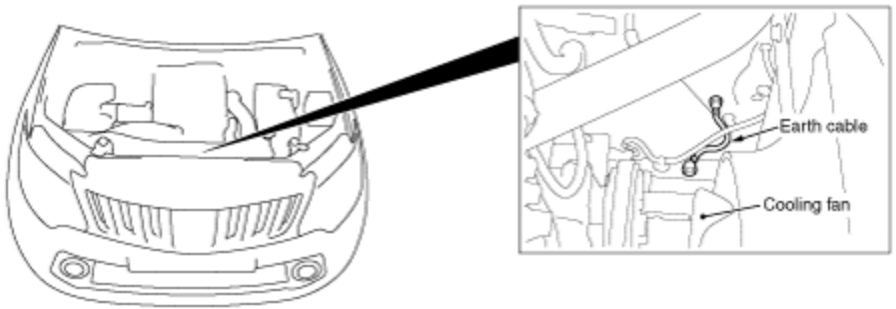
https://manualesdigitalesjc.com

https://www.facebook.com/groups/ManualesDigitalesJC/

@manualesdigitalesjc

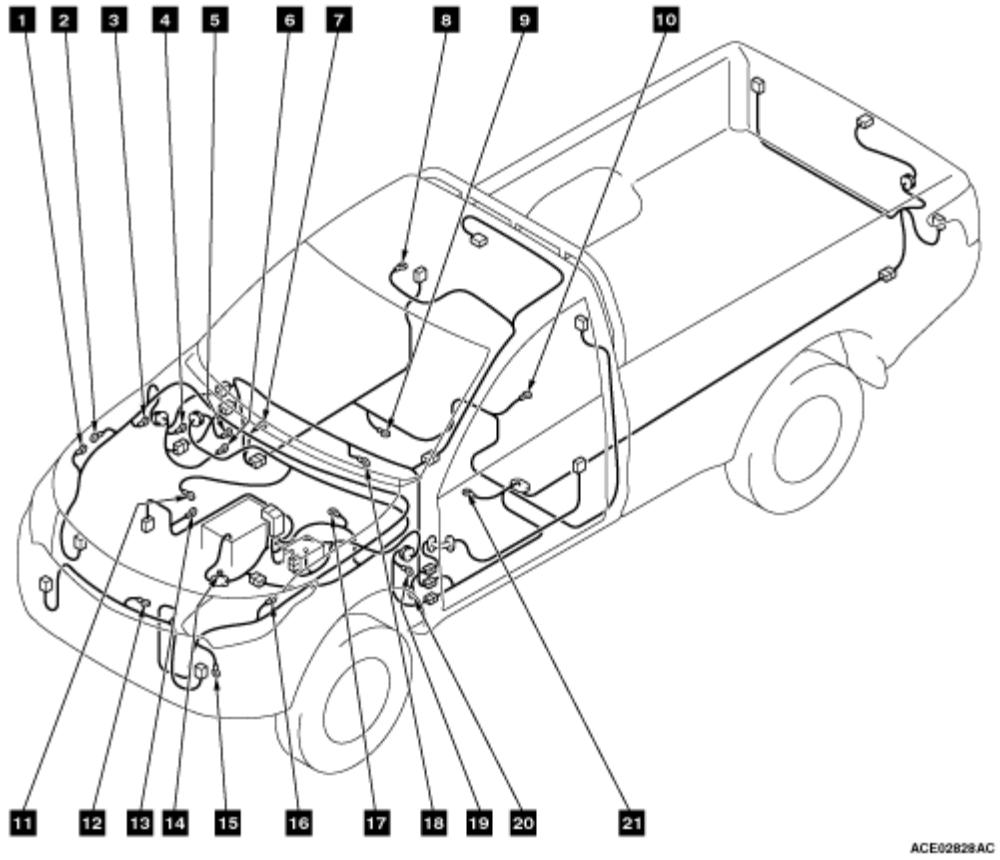
Julio César Ramos
CEO, Manuales Digitales JC
(+58) 424 858 47 28
manualesdigitalesjc@gmail.com

EARTH CABLE



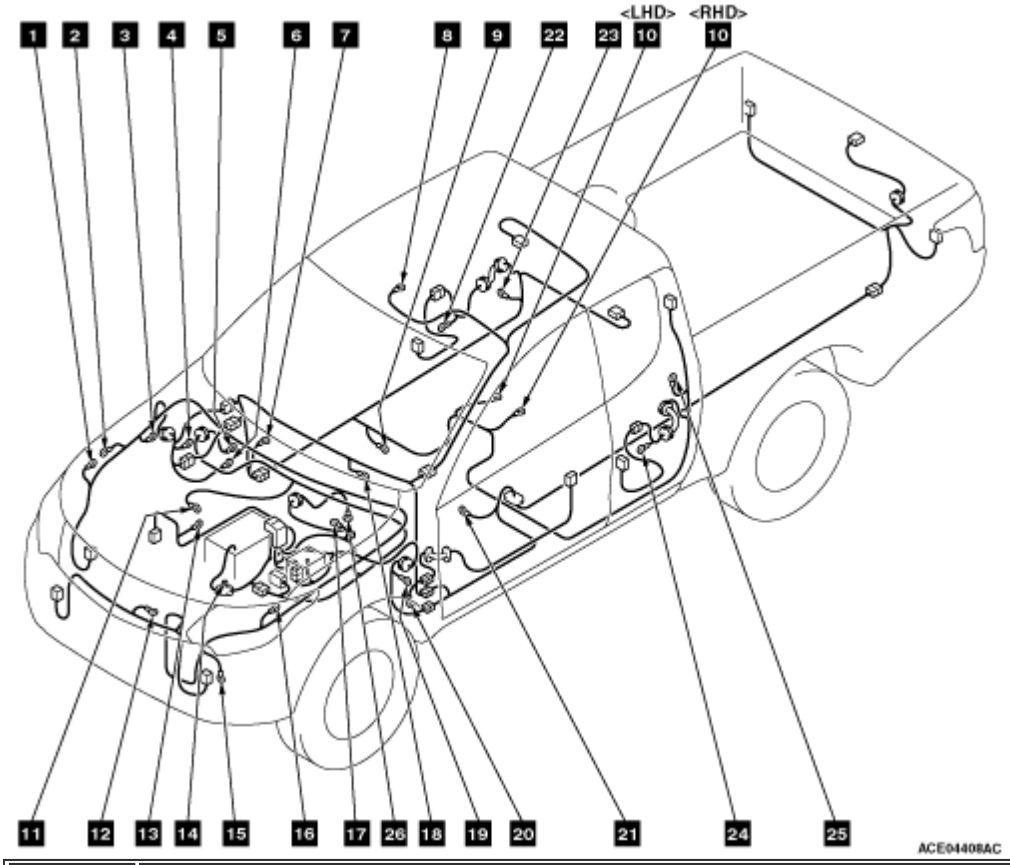
EARTH

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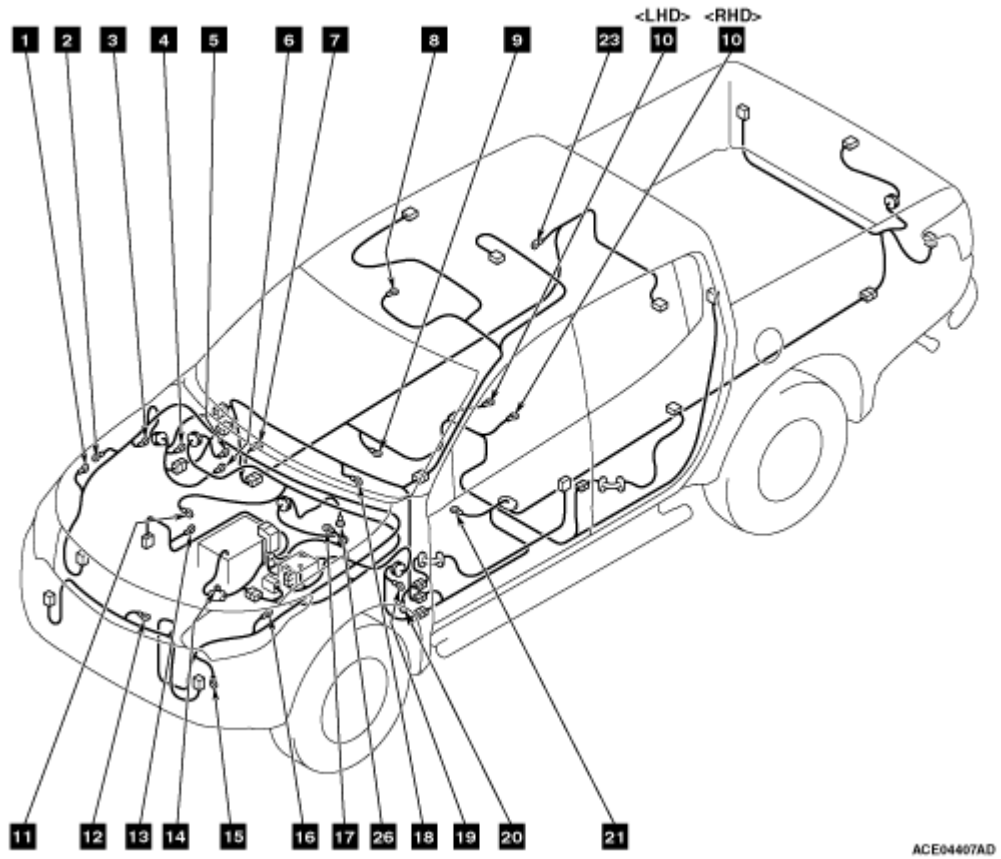
note	Same earth numbers are used in the circuit diagram.

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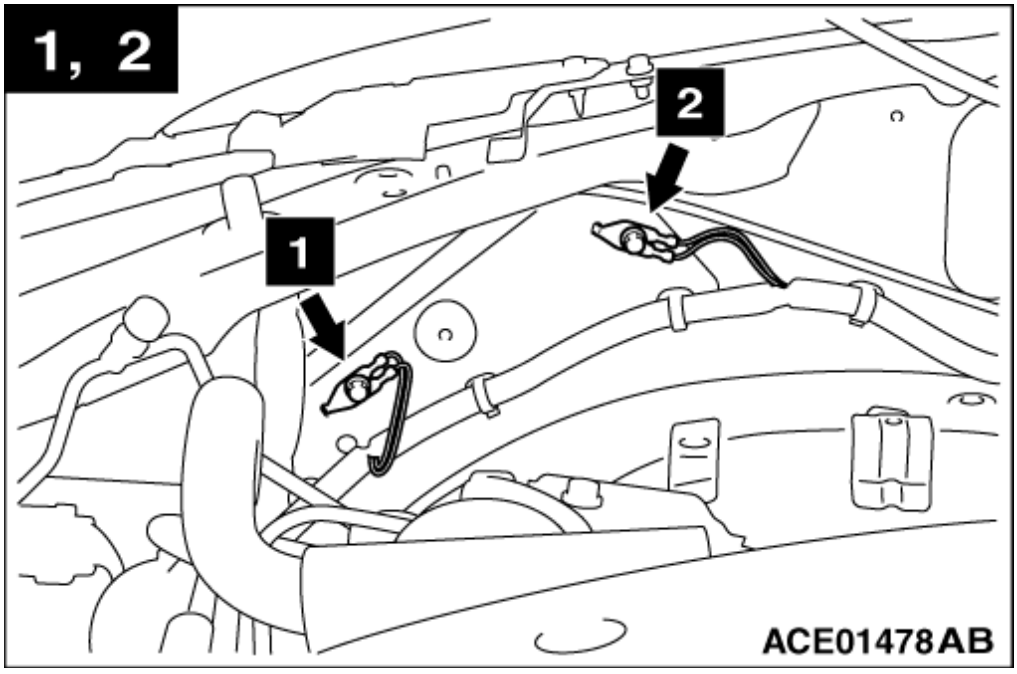


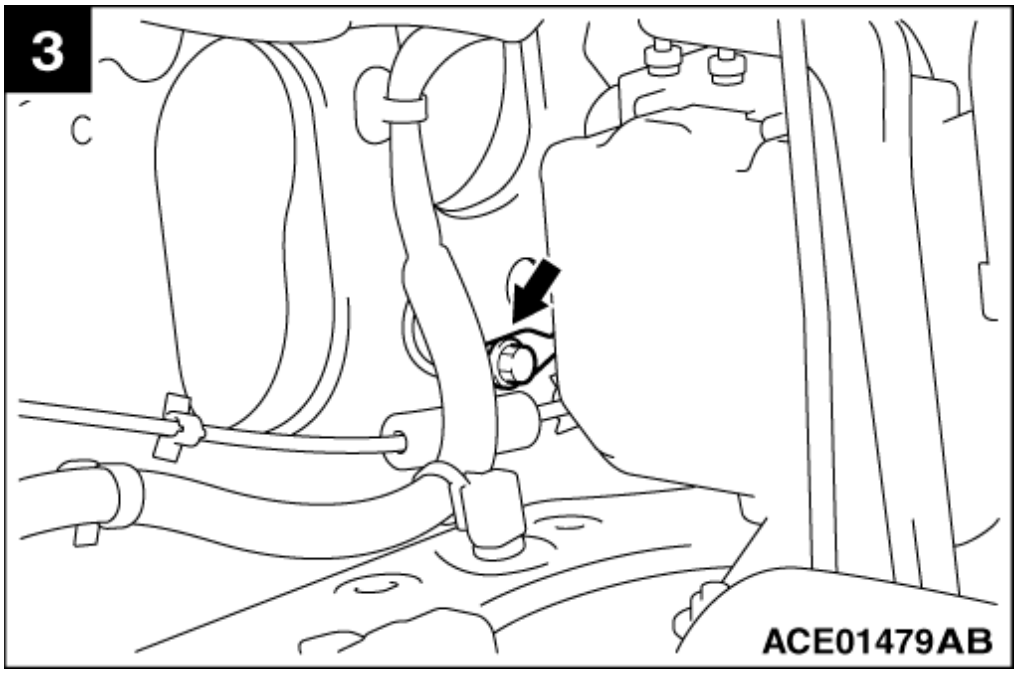
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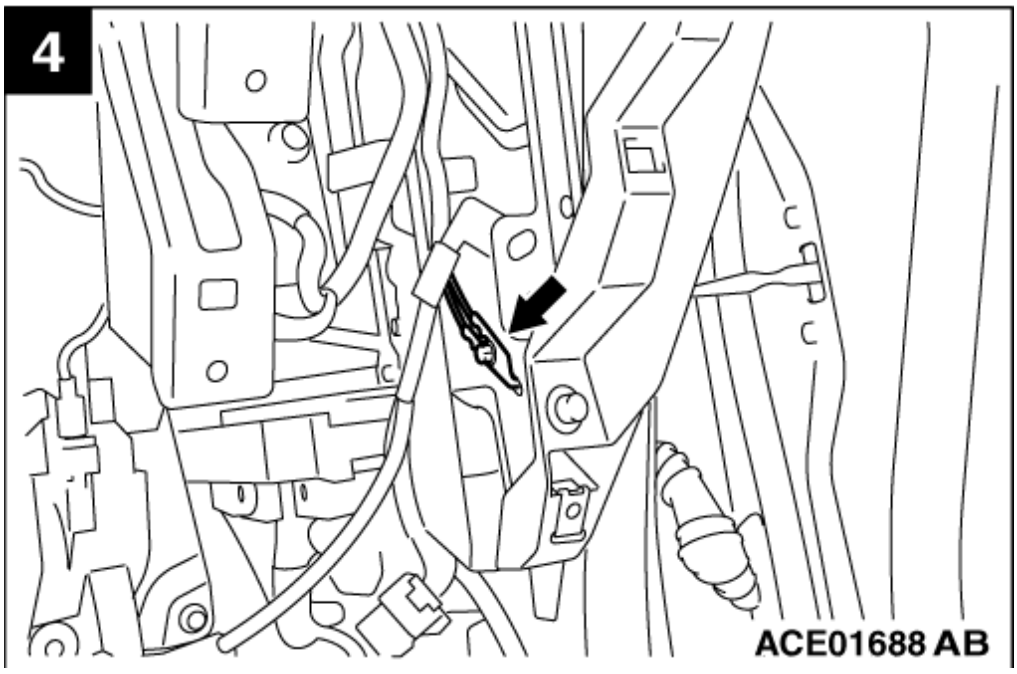
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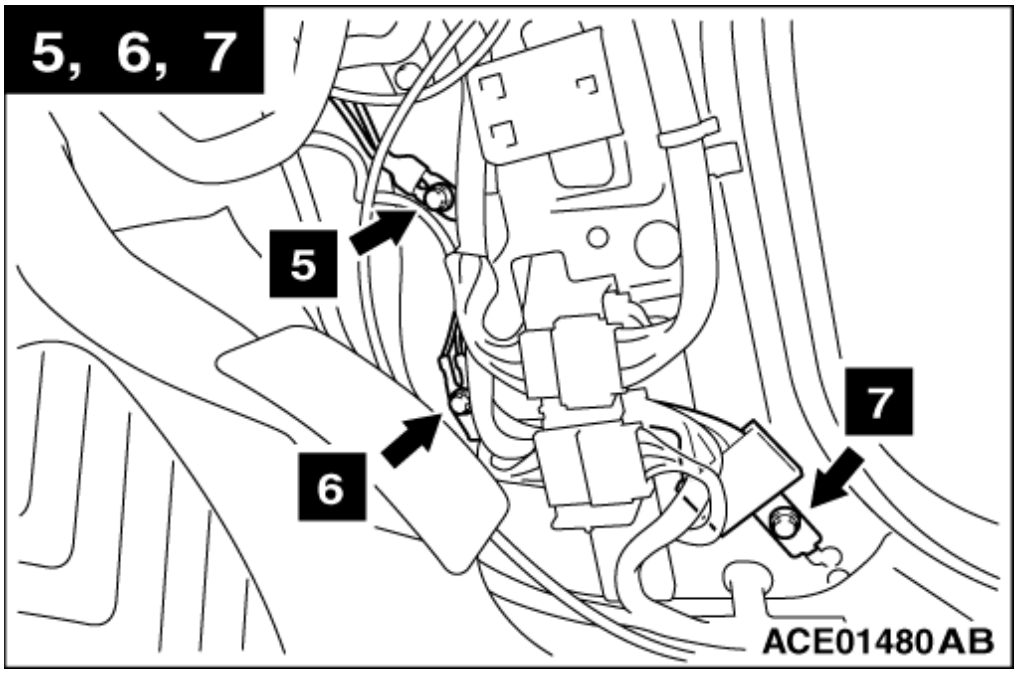


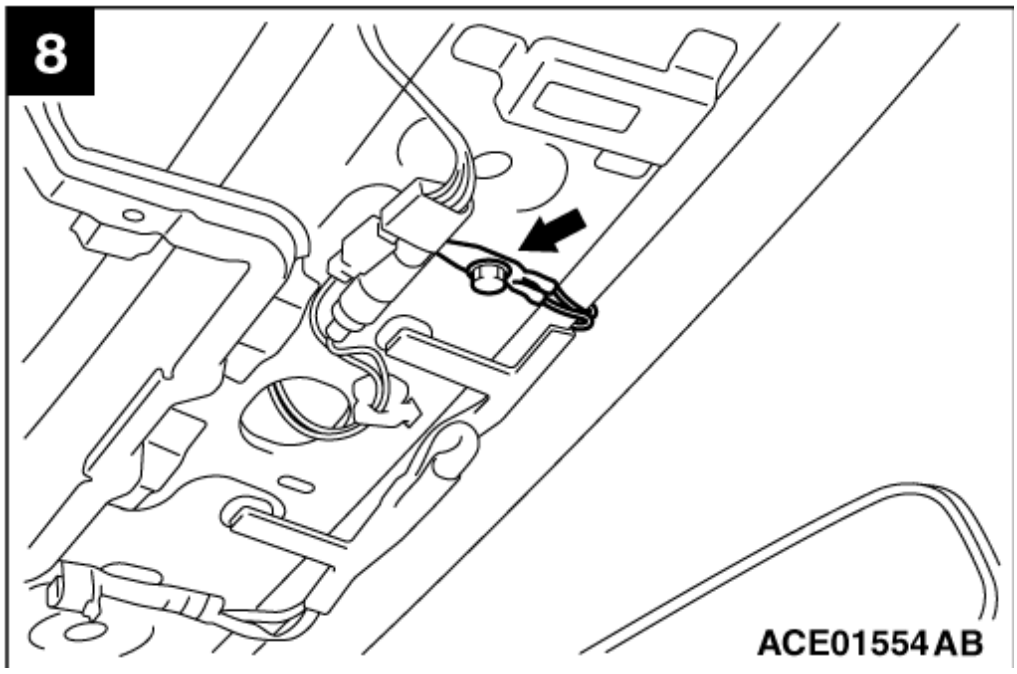
note	Same earth numbers are used in the circuit diagram.

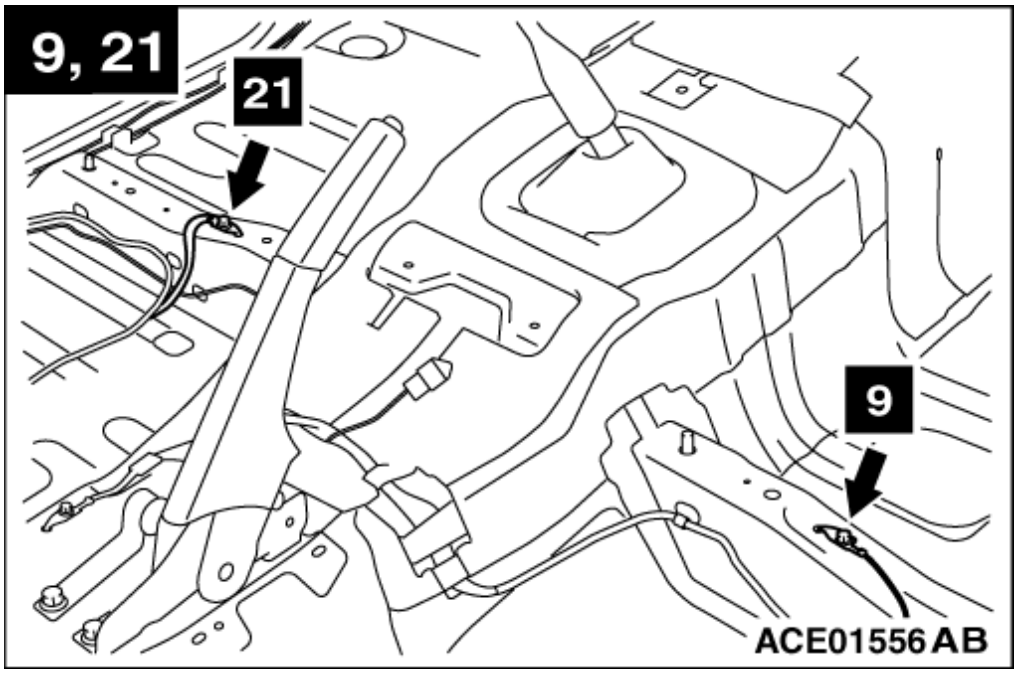


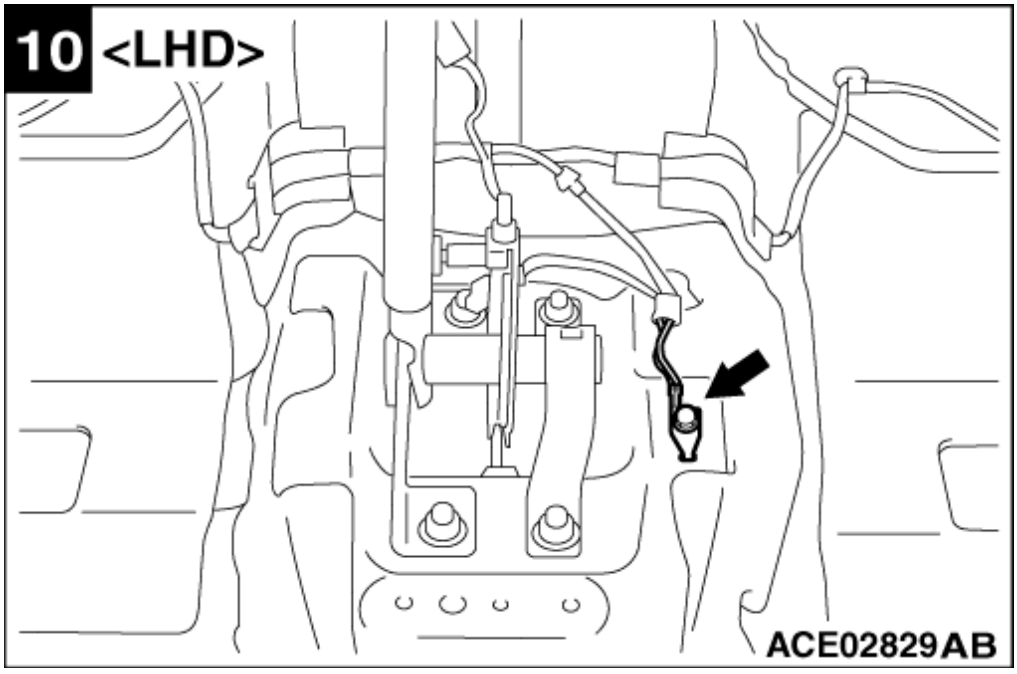

3
C
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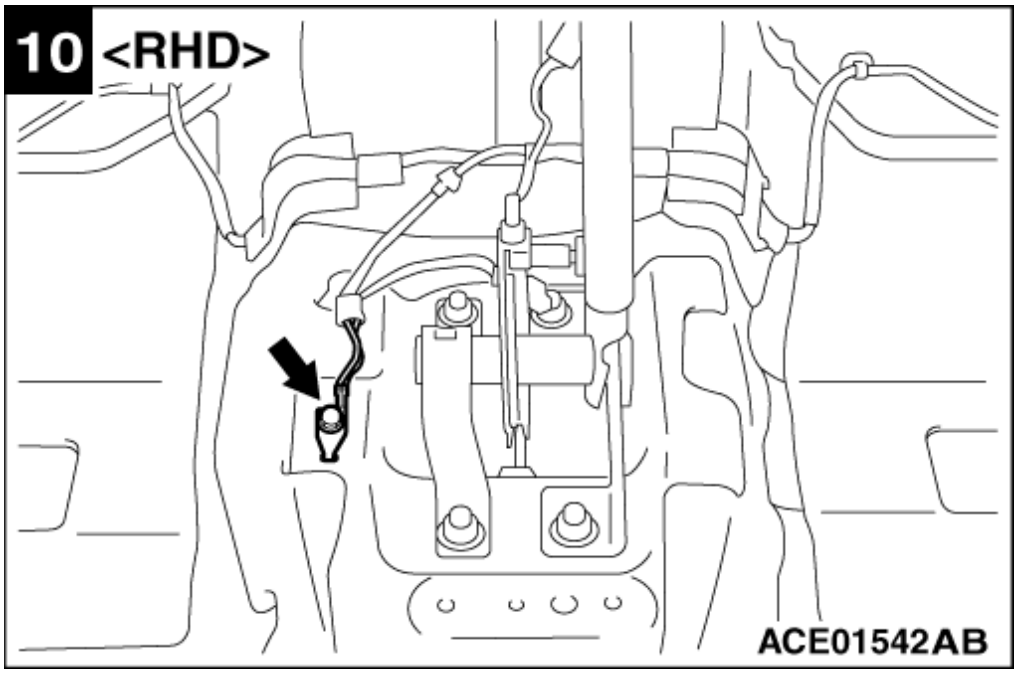

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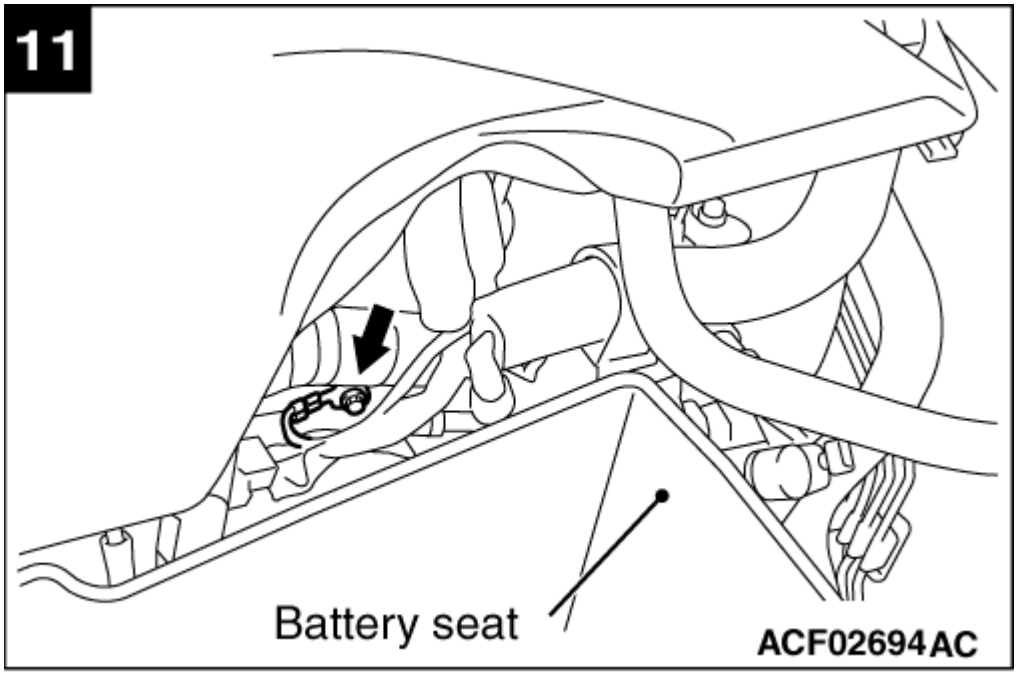

5, 6, 7
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6
7
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8
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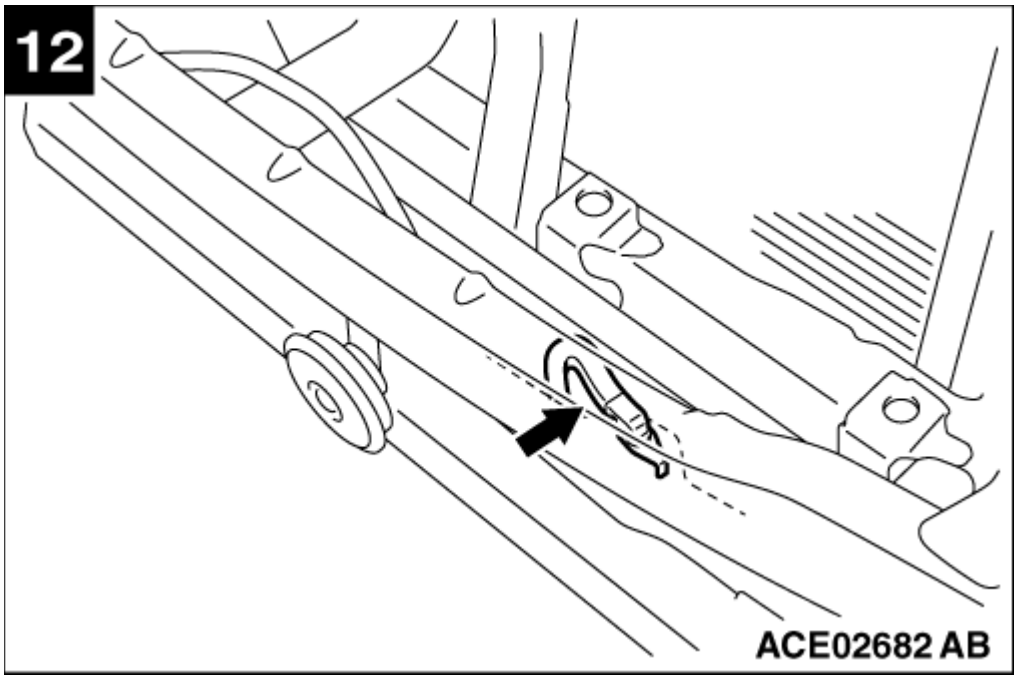

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21
9
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10 <LHD>
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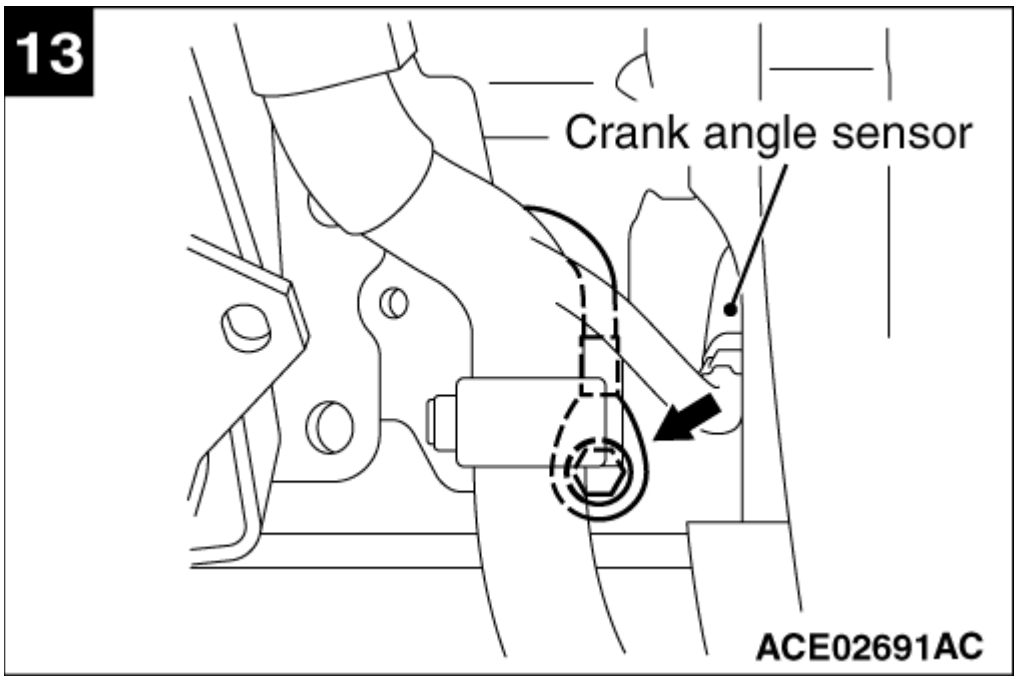

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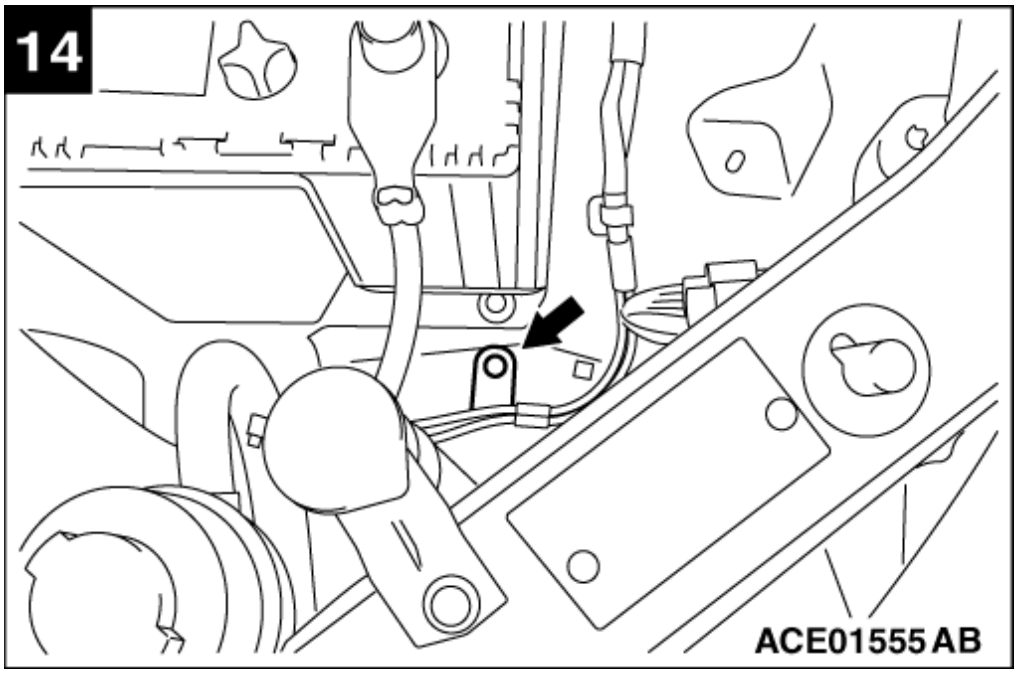

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Battery seat
ACF02694AC

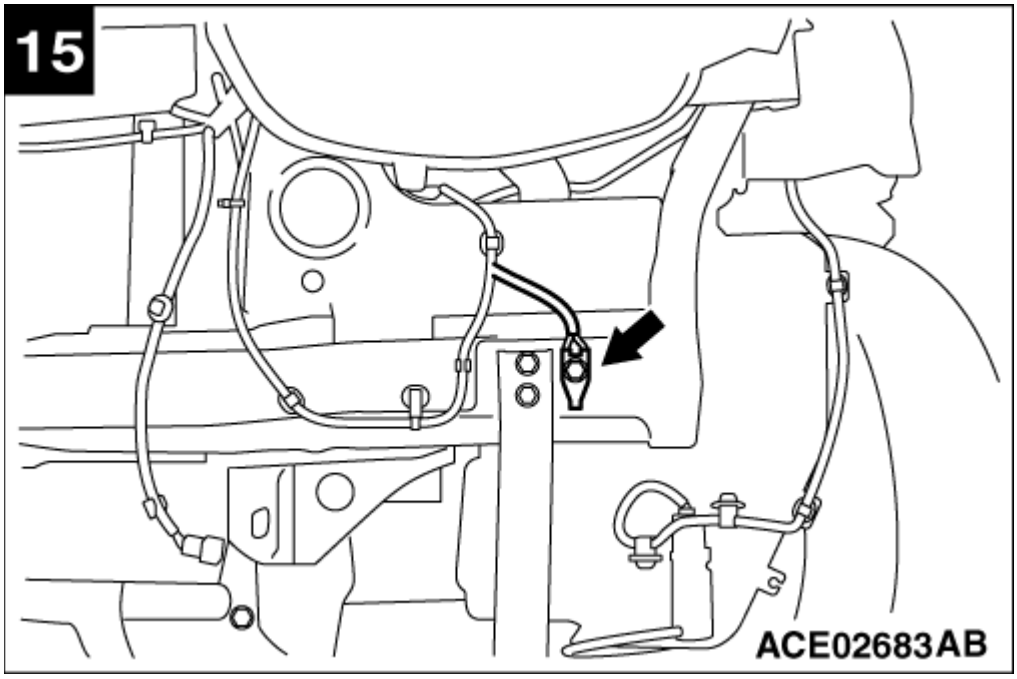
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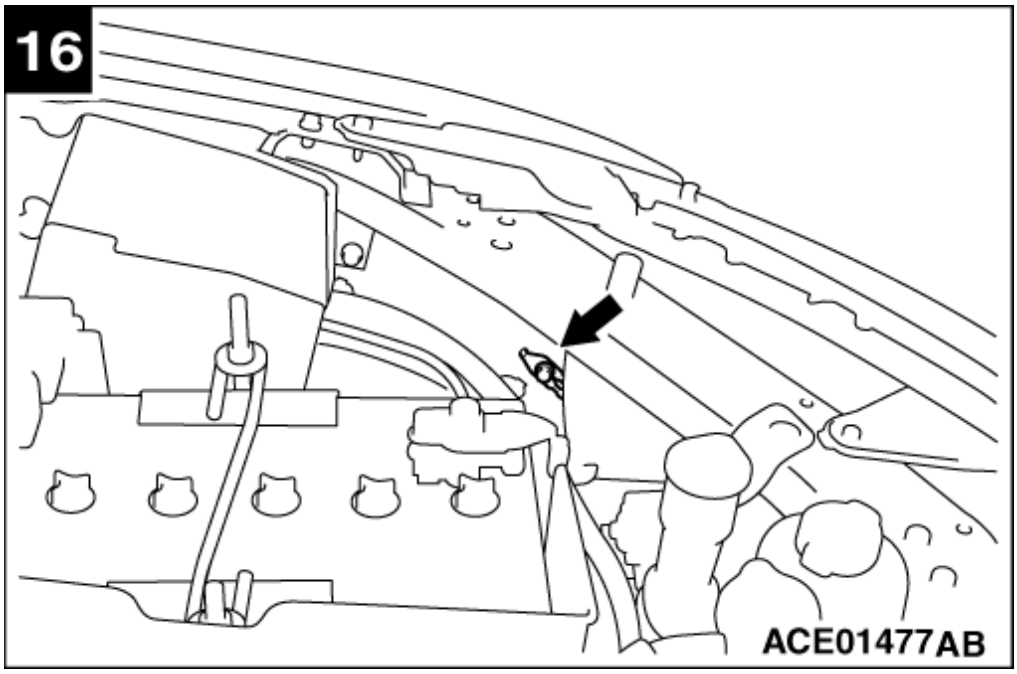


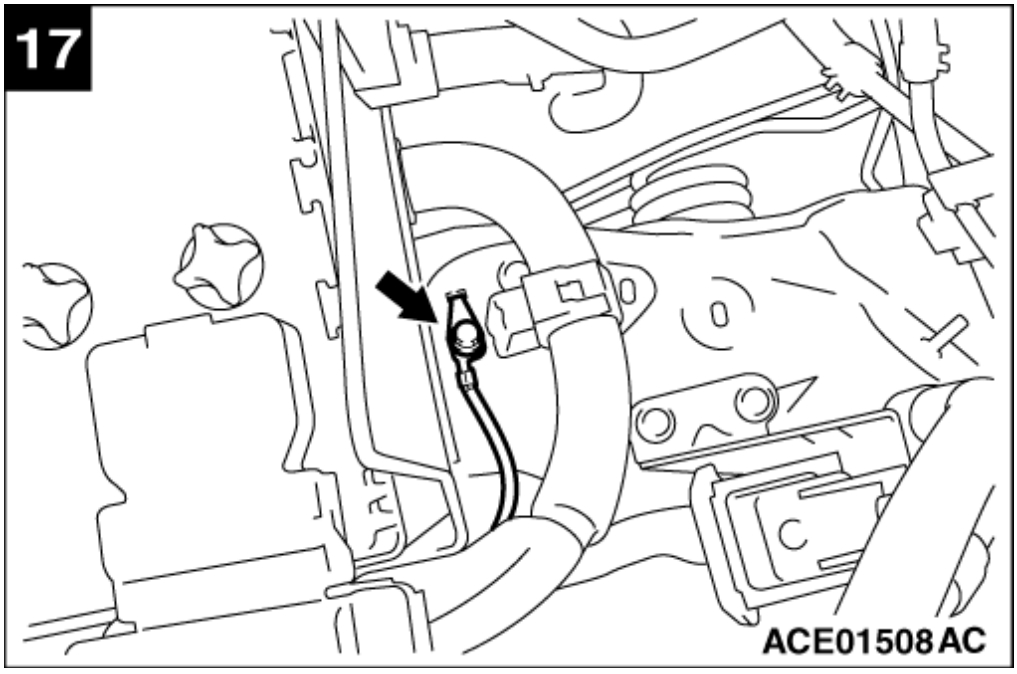
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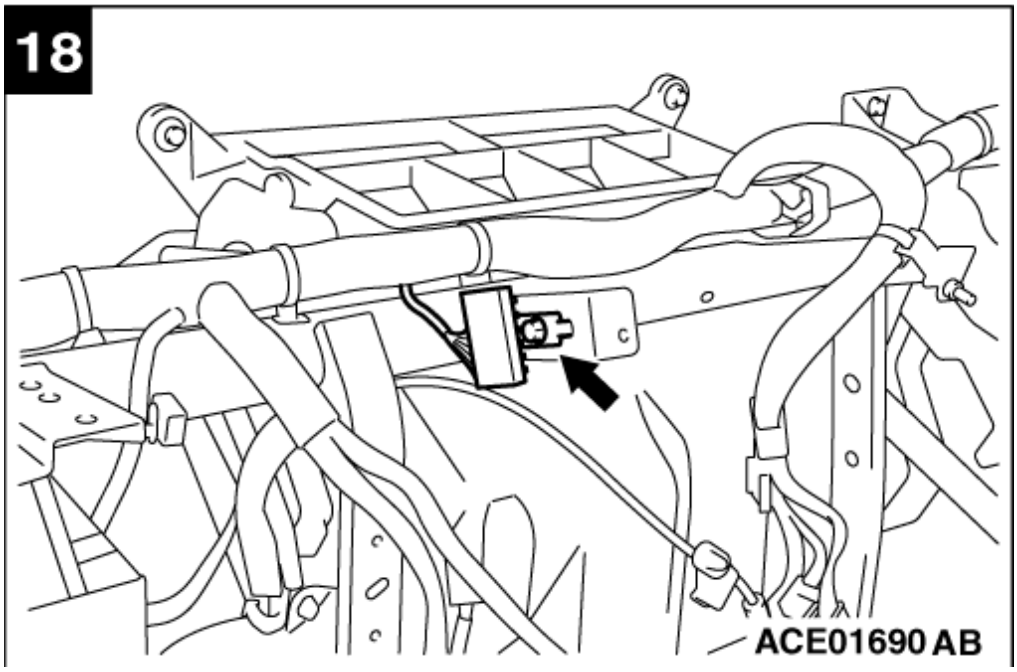


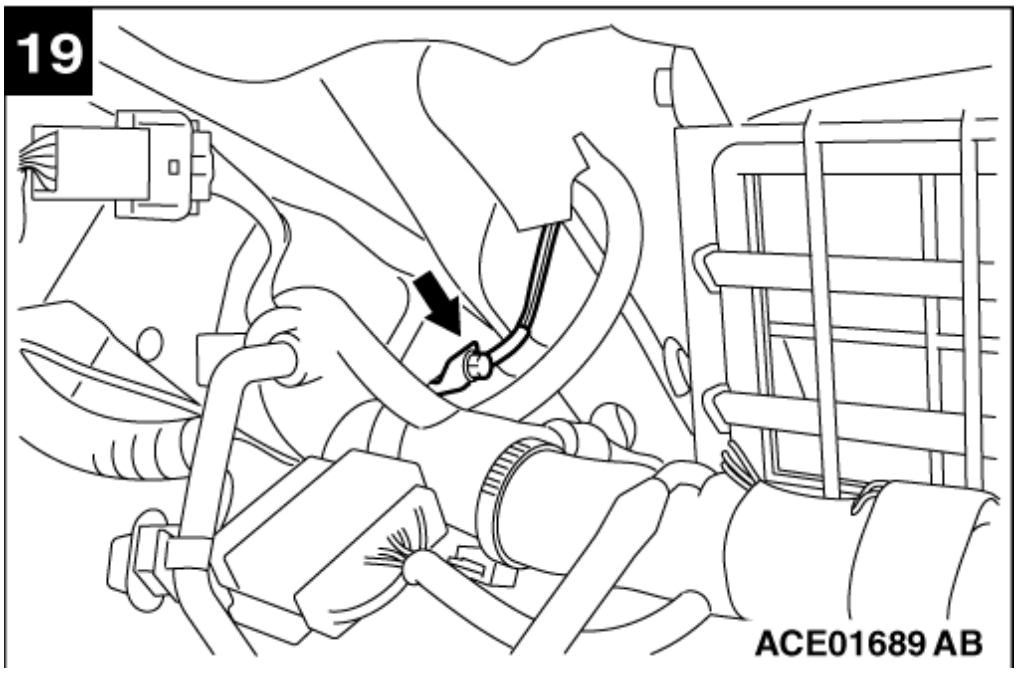

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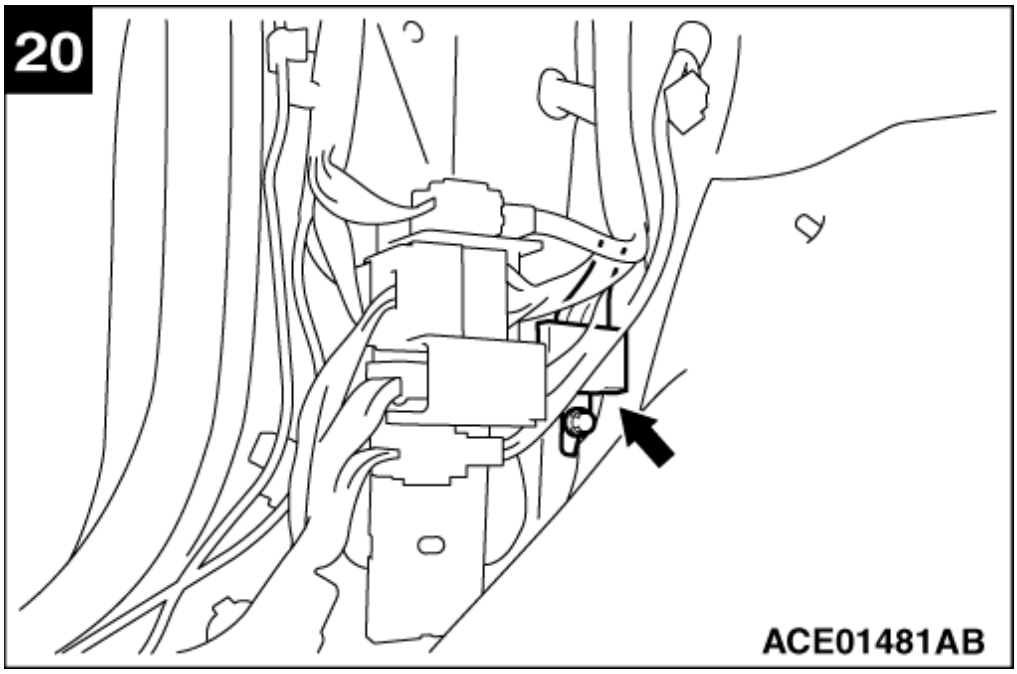

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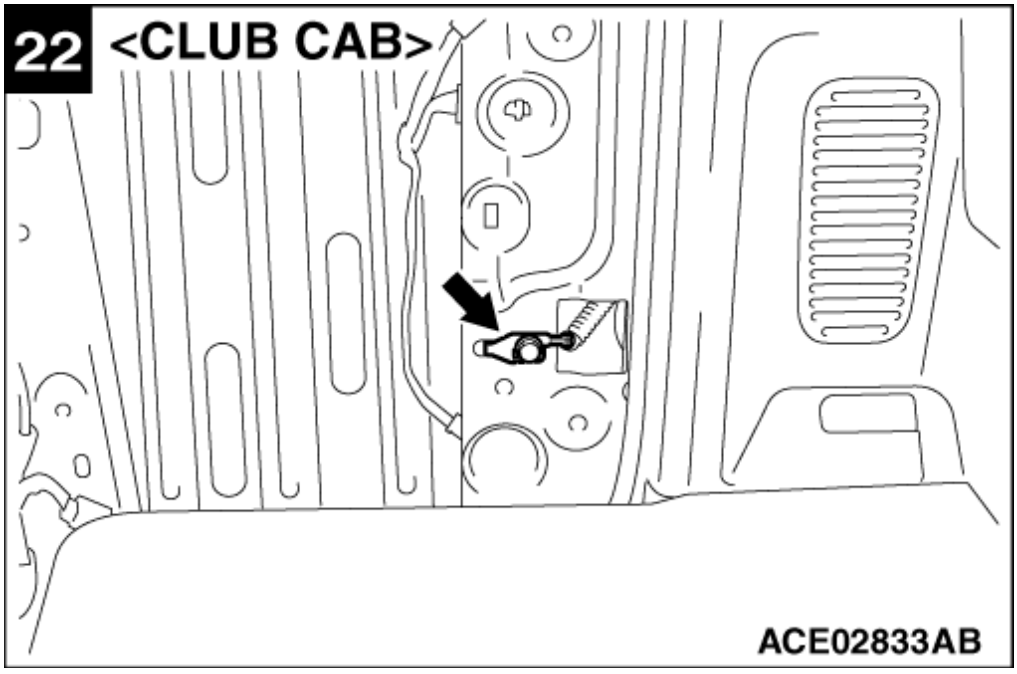

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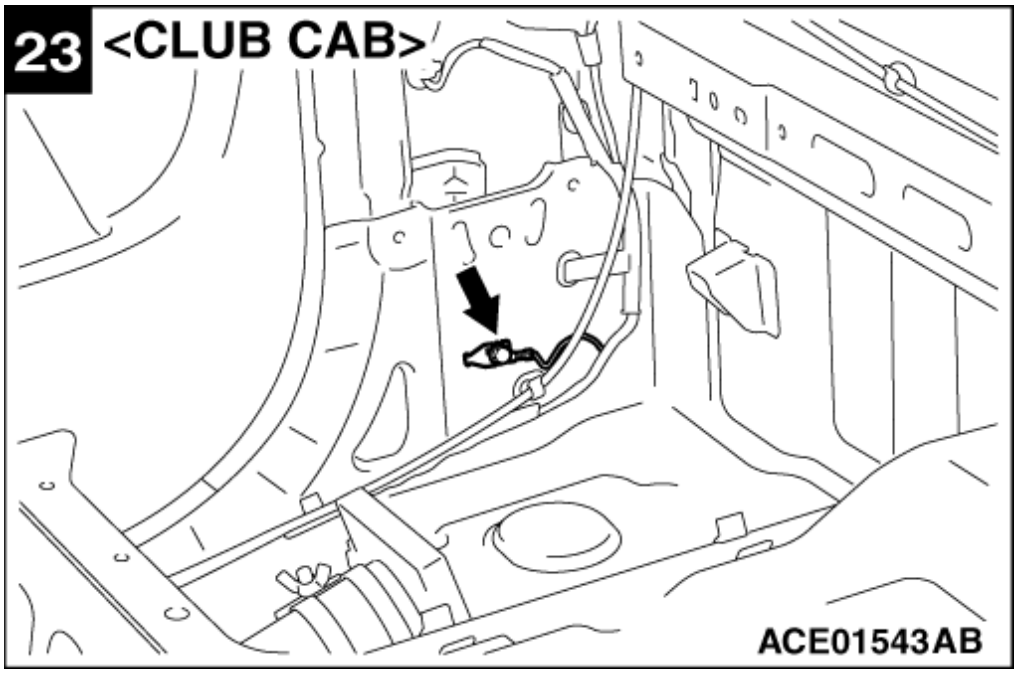

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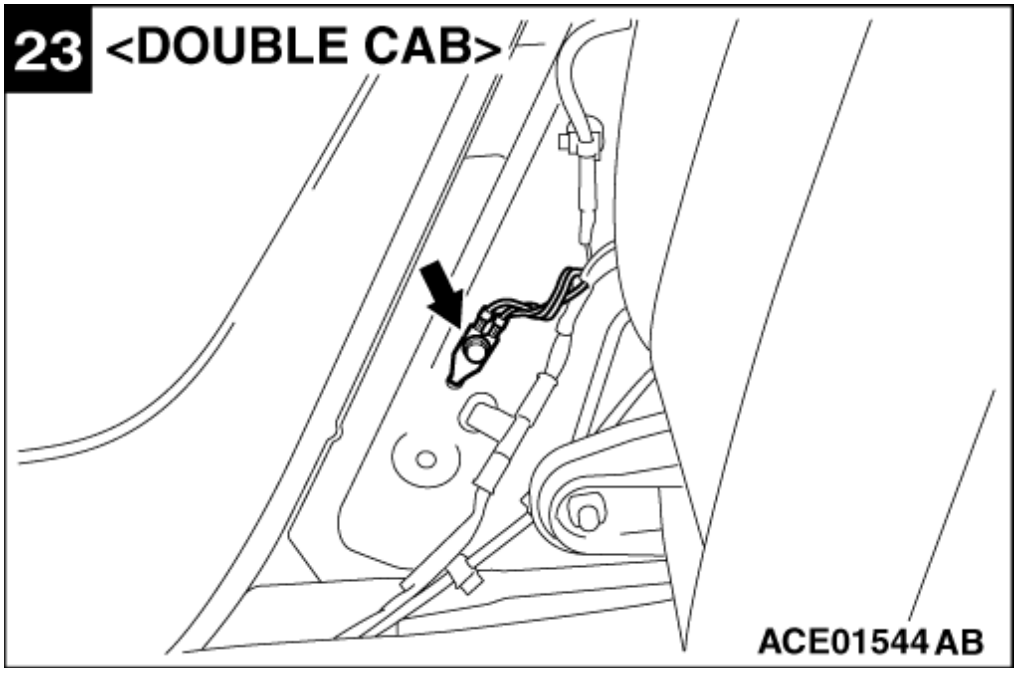

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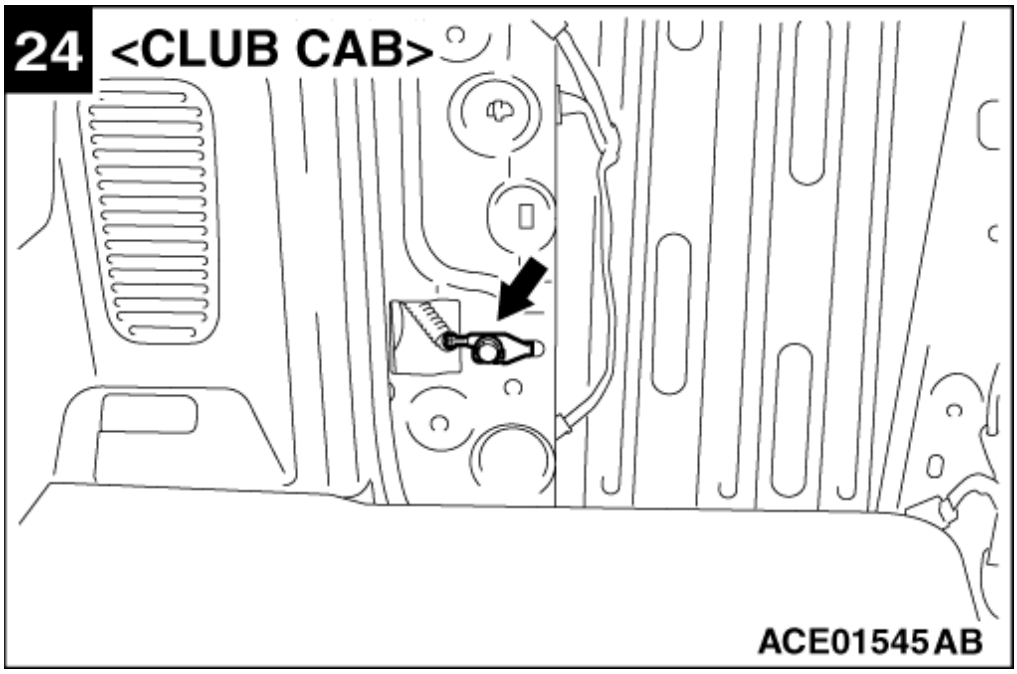

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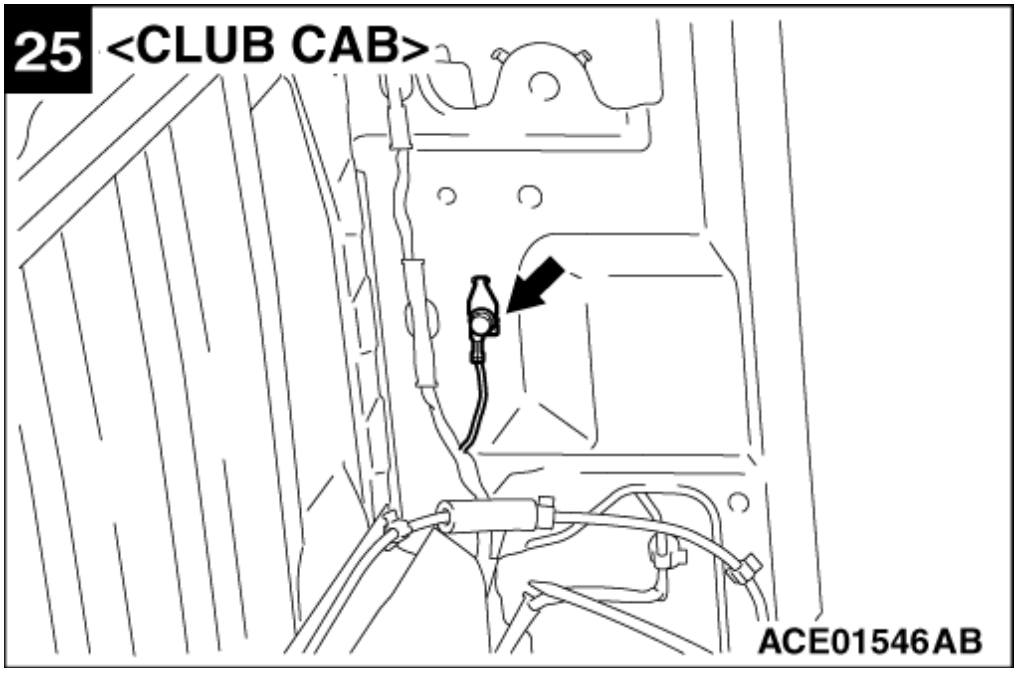

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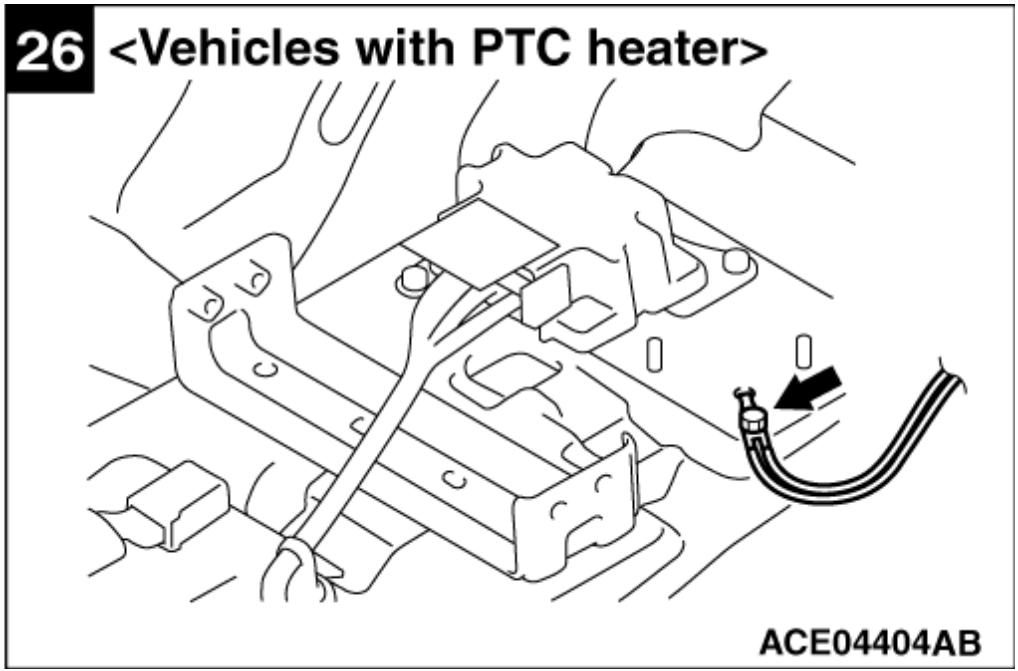

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23 <CLUB CAB>
ACE01543AB


23 <DOUBLE CAB>
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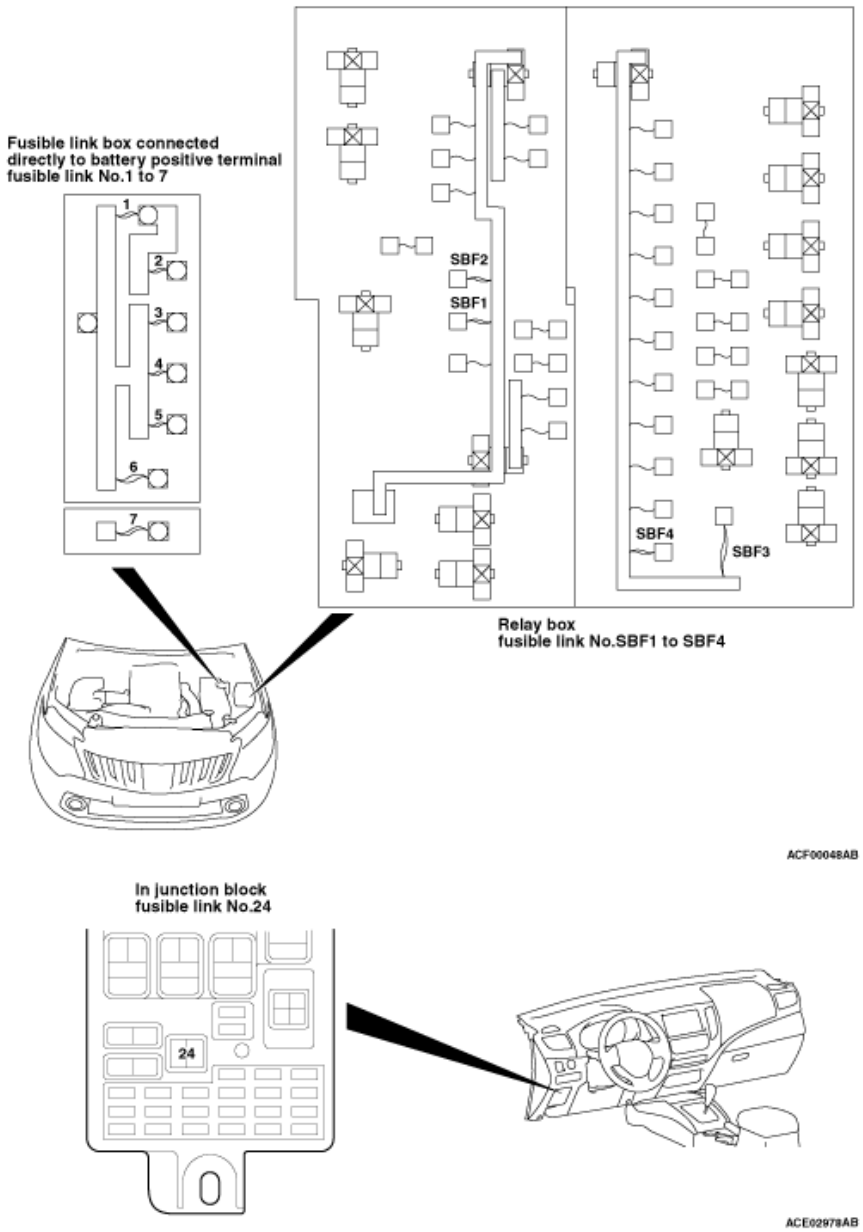

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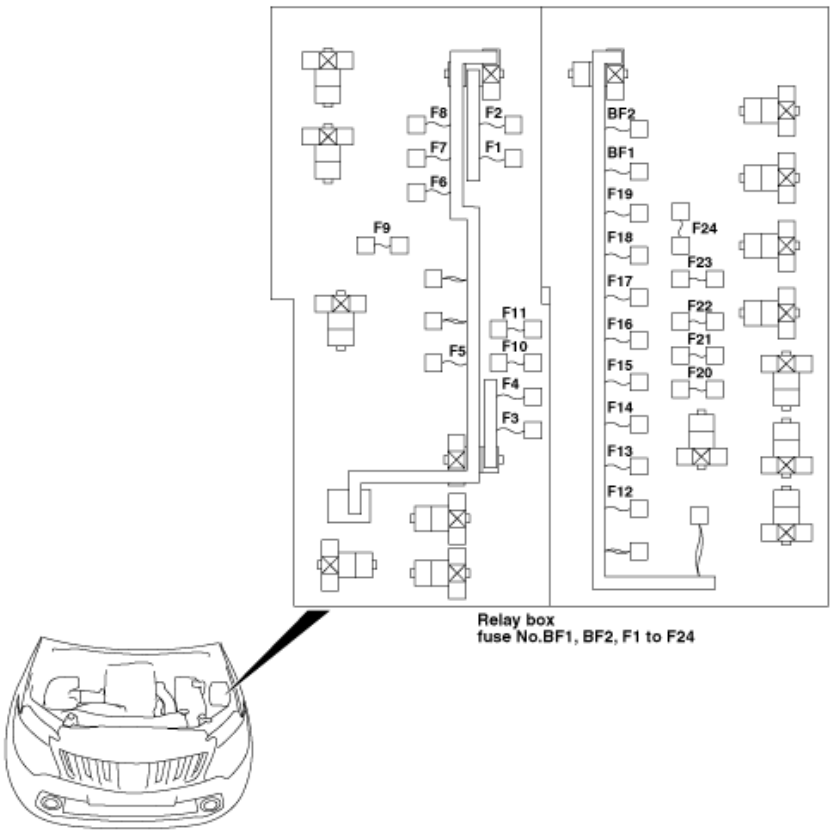

26 <Vehicles with PTC heater>
ACE04404AB

FUSIBLE LINK AND FUSE

FUSIBLE LINK



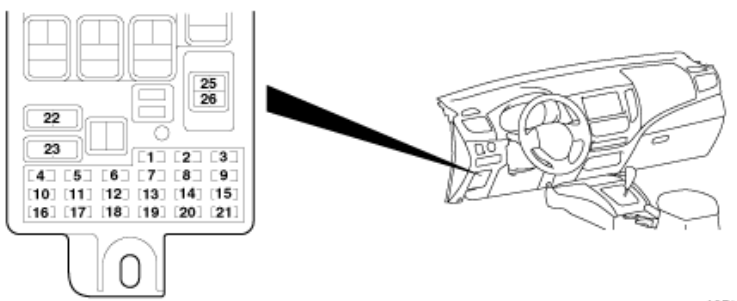
FUSE



Relay box
fuse No.BF1, BF2, F1 to F24

ACE02977AB

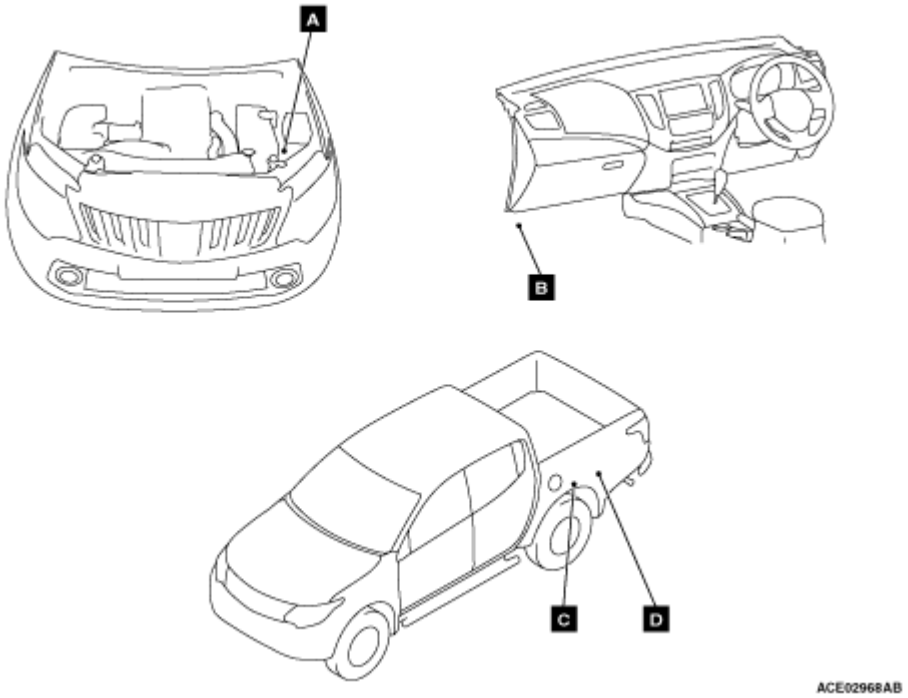
In junction block
fuse No.1 to 23, 25, 26

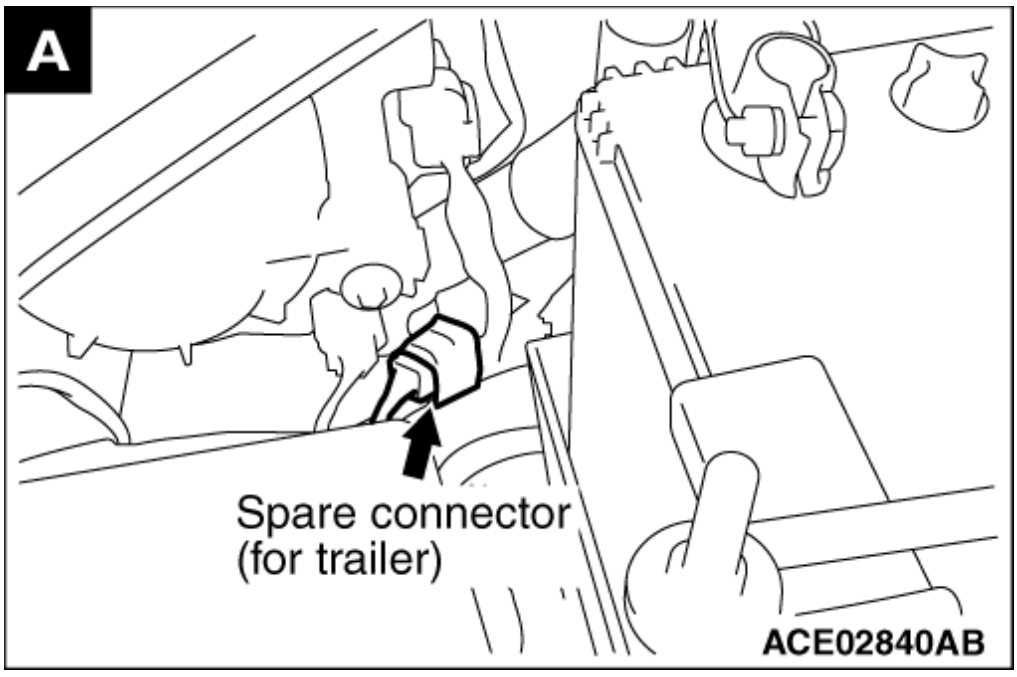


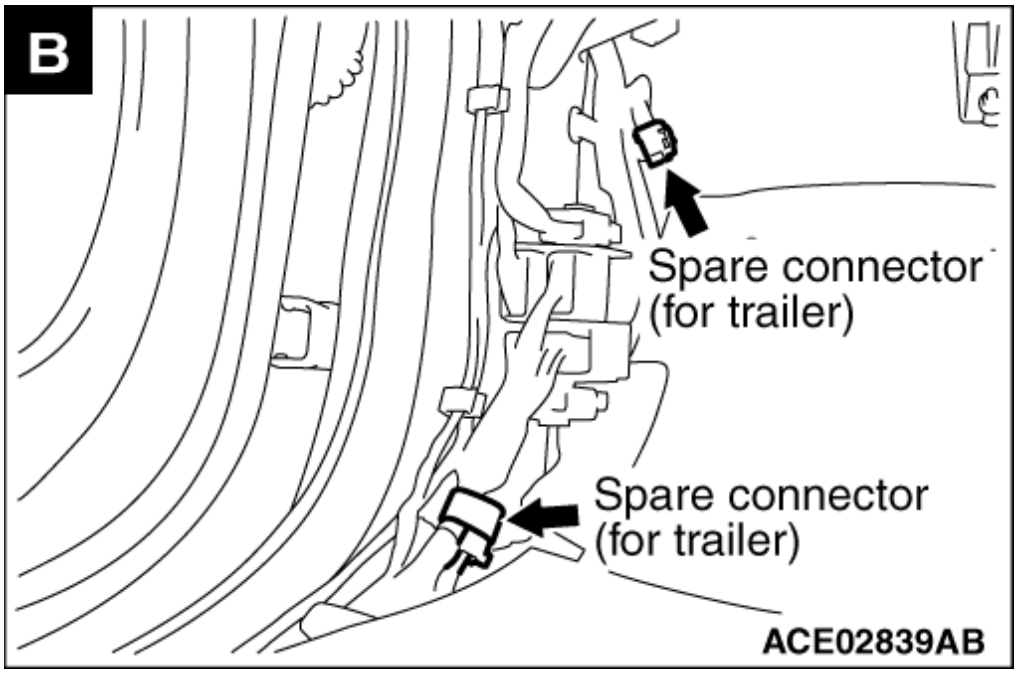
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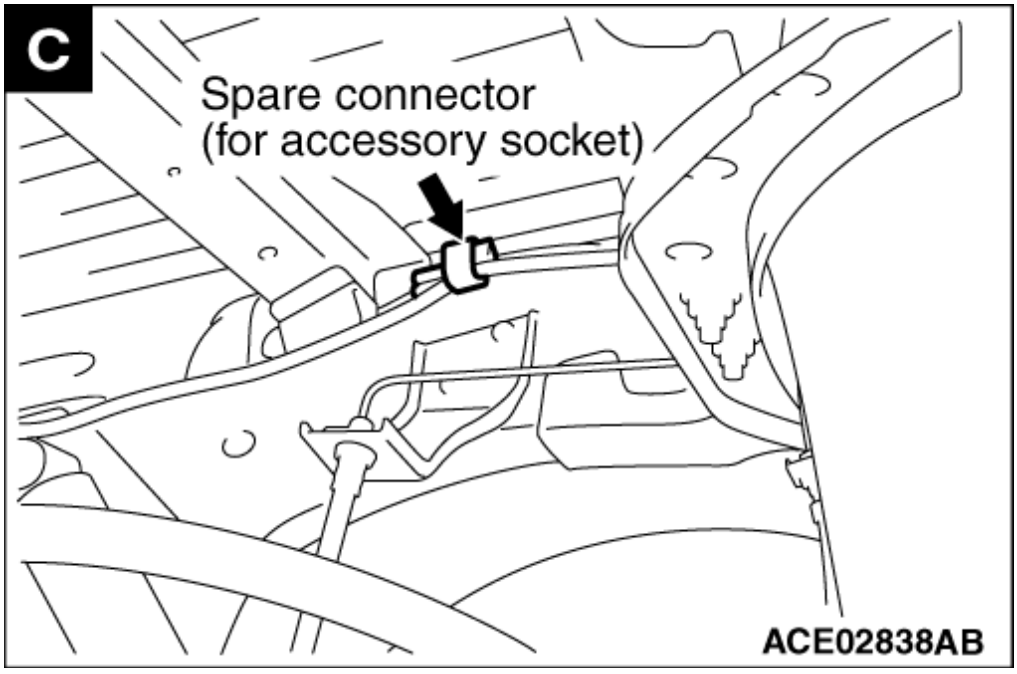
SPARE CONNECTOR

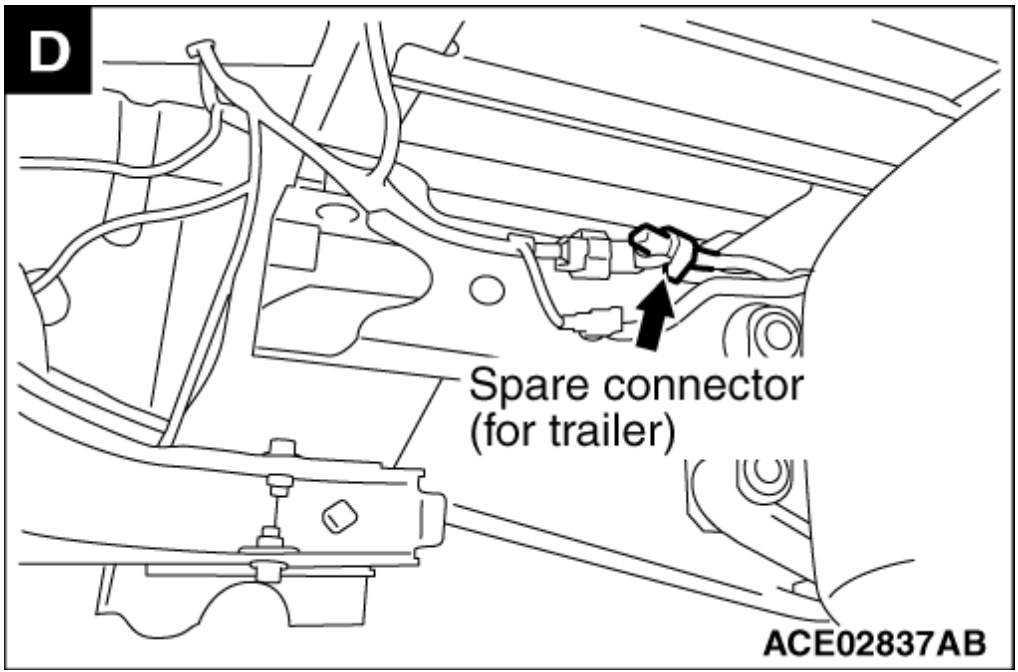
Name	Symbol	Name	Symbol
Spare connector (for accessory socket)	C	Spare connector (for trailer)	A, B, D



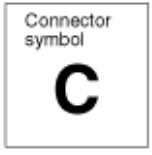


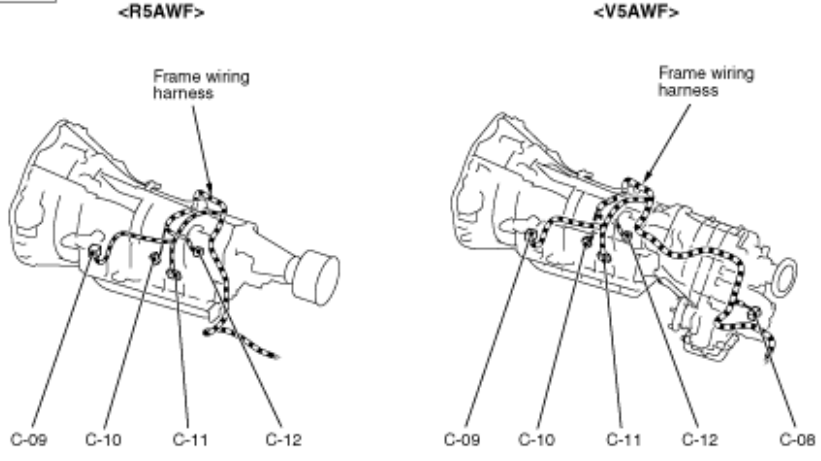

B
Spare connector
(for trailer)
Spare connector
(for trailer)
ACE02839AB


C
Spare connector
(for accessory socket)
ACE02838AB


D
Spare connector
(for trailer)
ACE02837AB

TRANSMISSION <A/T>





ACE02755AB

C-08	(12-B)	Transfer actuator
C-09	(2-B)	Input shaft speed sensor
C-10	(9)	Inhibitor switch
C-11	(15-GR)	A/T control solenoid valve assembly
C-12	(2-B)	Output shaft speed sensor

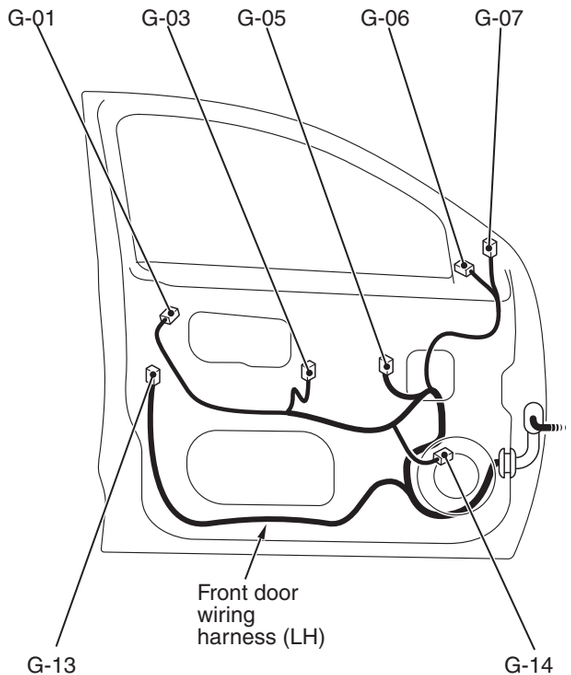
Connector symbol

G -01 thru -17

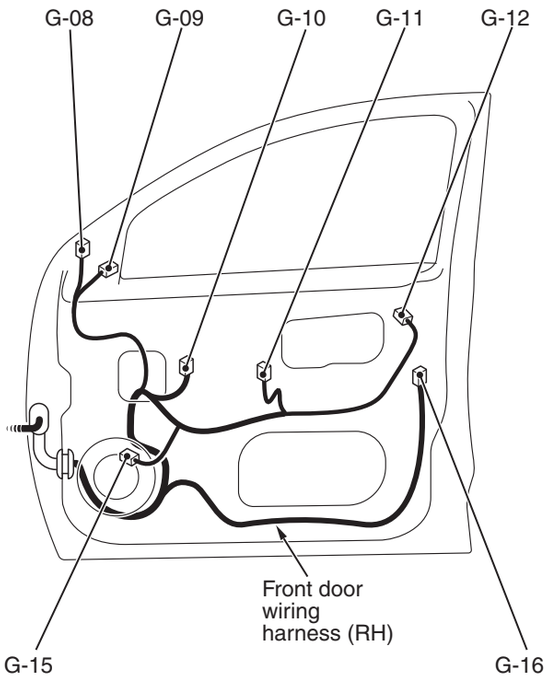
Front door

<LHD>

(Driver's side)

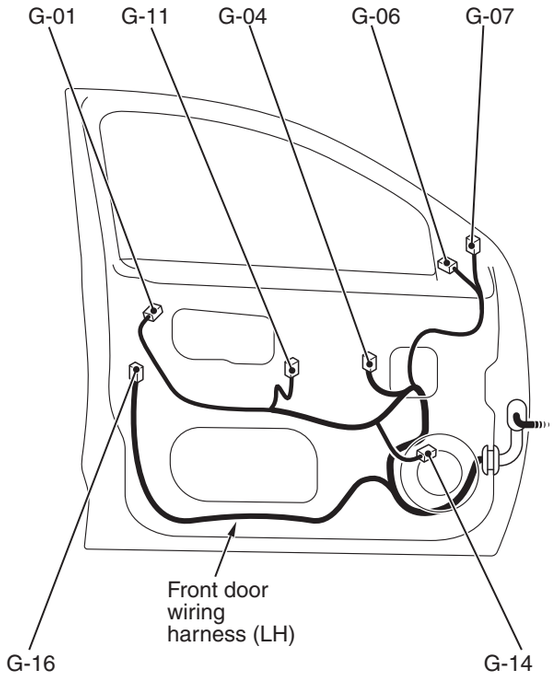


(Passenger's side)

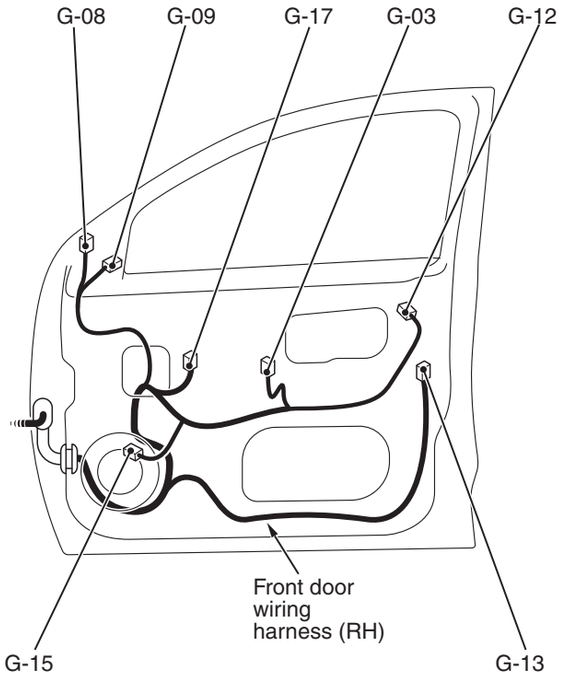


<RHD>

(Passenger's side)



(Driver's side)



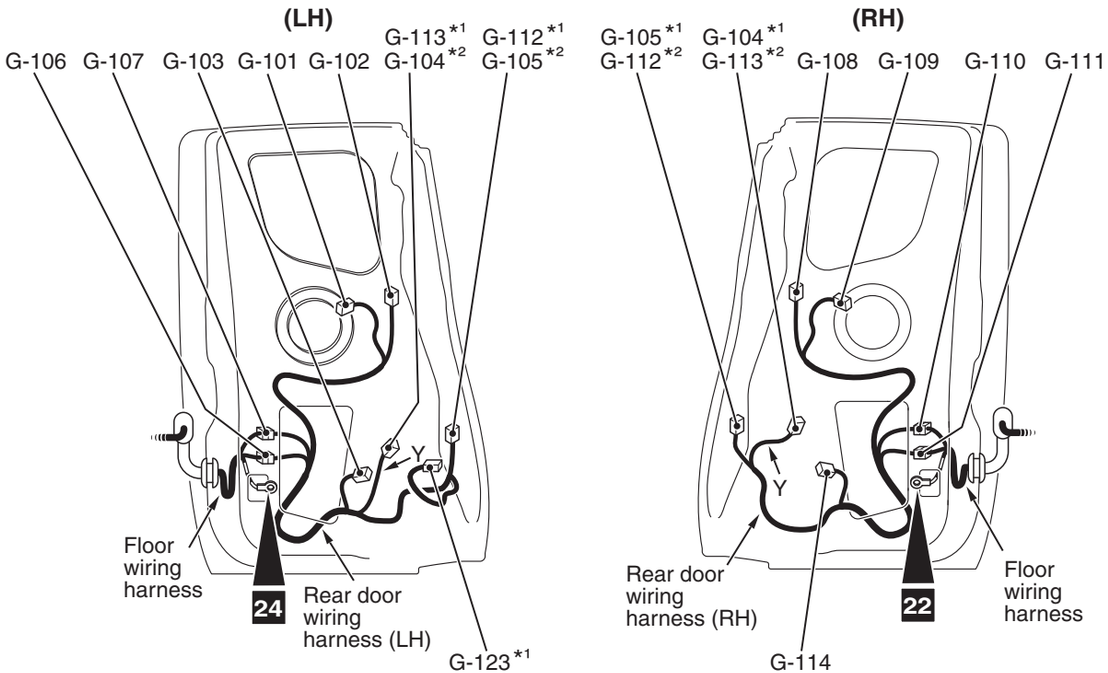
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Connector symbol

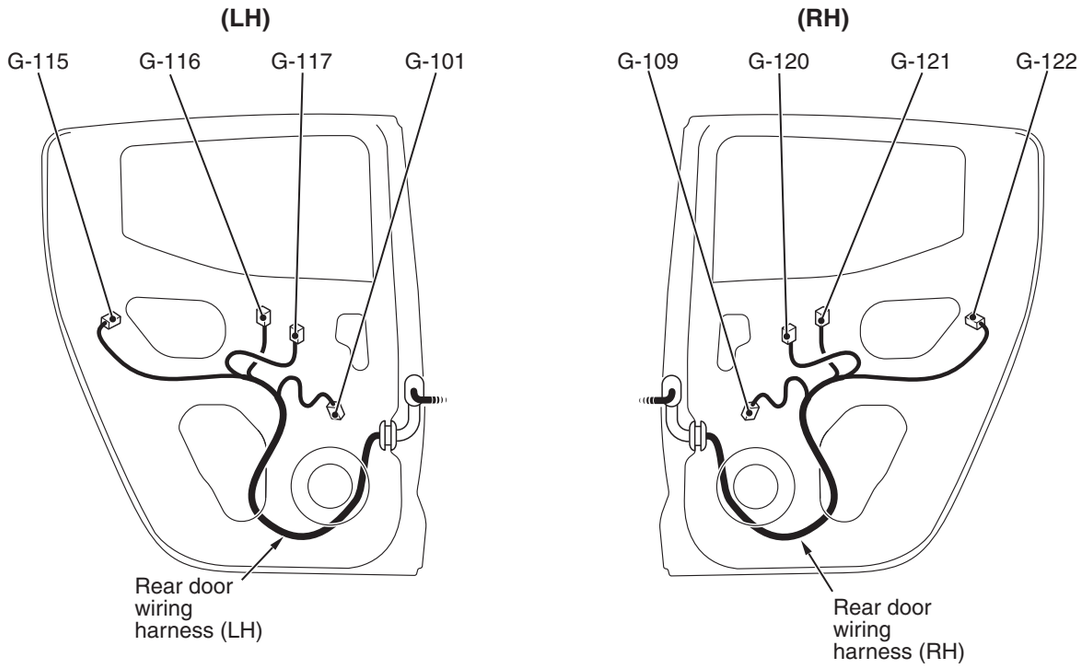
G -101 thru -123

Rear door

<CLUB CAB>

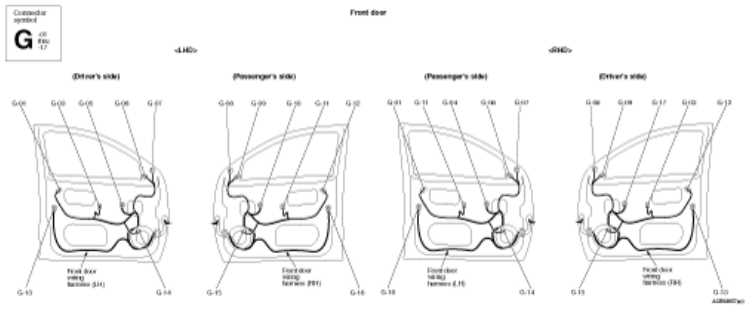


<DOUBLE CAB>



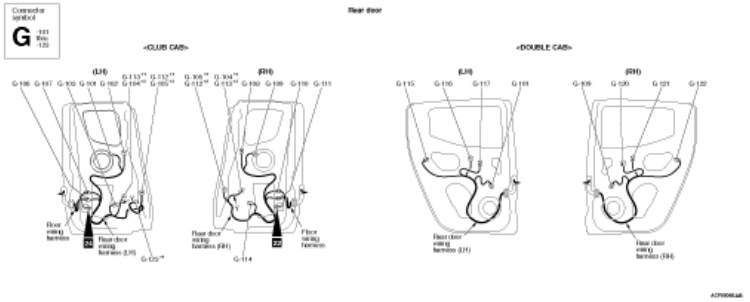
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DOOR



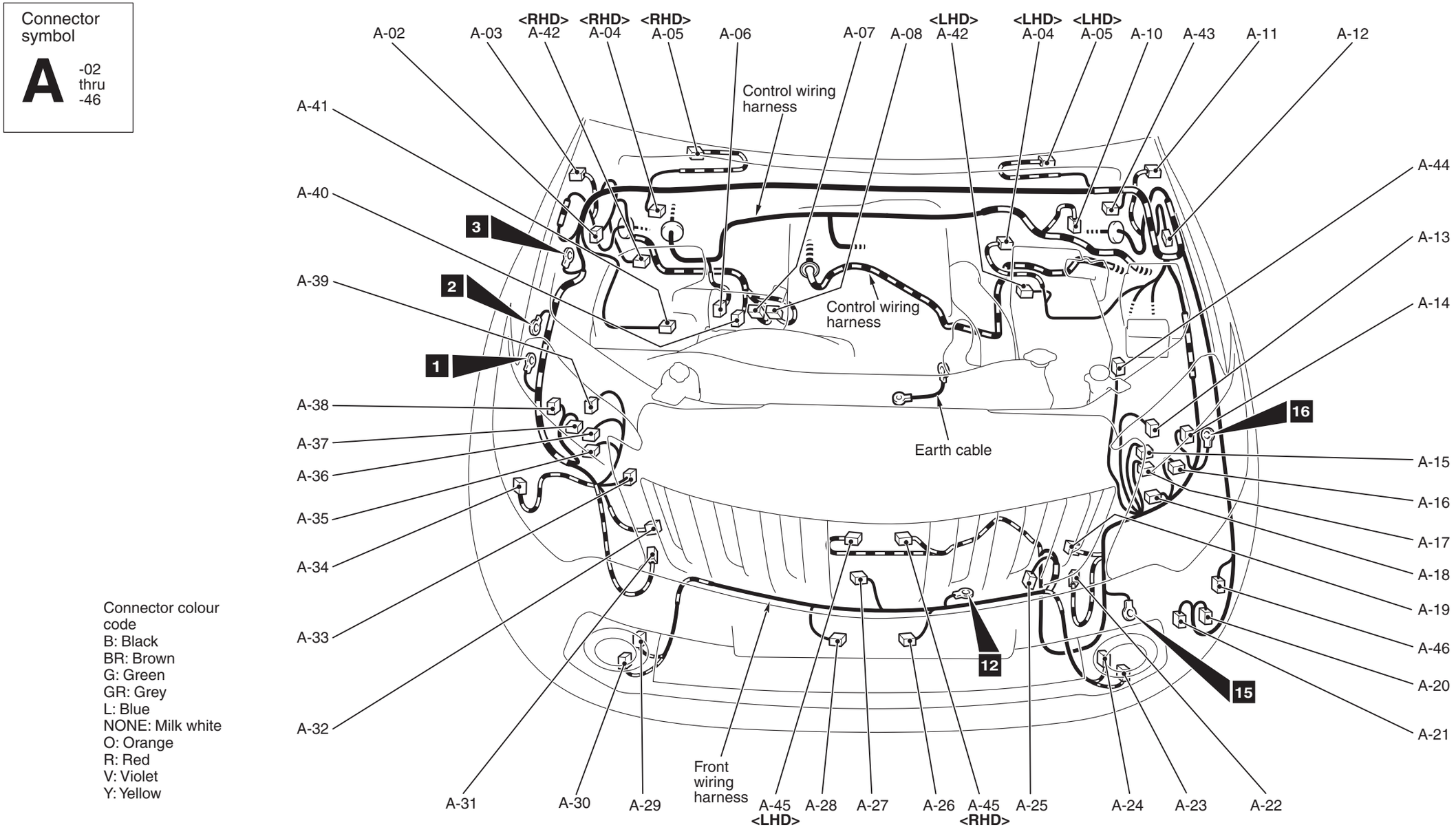
G-01	(10)	Front door lock actuator (LH)
G-03	(16-B)	Power window main switch
G-04	(2-B)	Front power window motor (LH) <RHD>
G-05	(6-B)	Front power window motor (LH) <LHD>
G-06	(14)	Door mirror assembly (LH)
G-07	(2-B)	Tweeter (LH)
G-08	(2-B)	Tweeter (RH)
G-09	(14)	Door mirror assembly (RH)
G-10	(2-B)	Front power window motor (RH) <LHD>
G-11	(8)	Front power window sub switch
G-12	(10)	Front door lock actuator (RH)
G-13	(2-B)	Lock/unlock switch (driver's side)
G-14	(2)	Front door speaker (LH)
G-15	(2)	Front door speaker (RH)
G-16	(2-B)	Lock/unlock switch (passenger's side)
G-17	(6-B)	Front power window motor (RH) <RHD>

DOOR (CONTINUED)

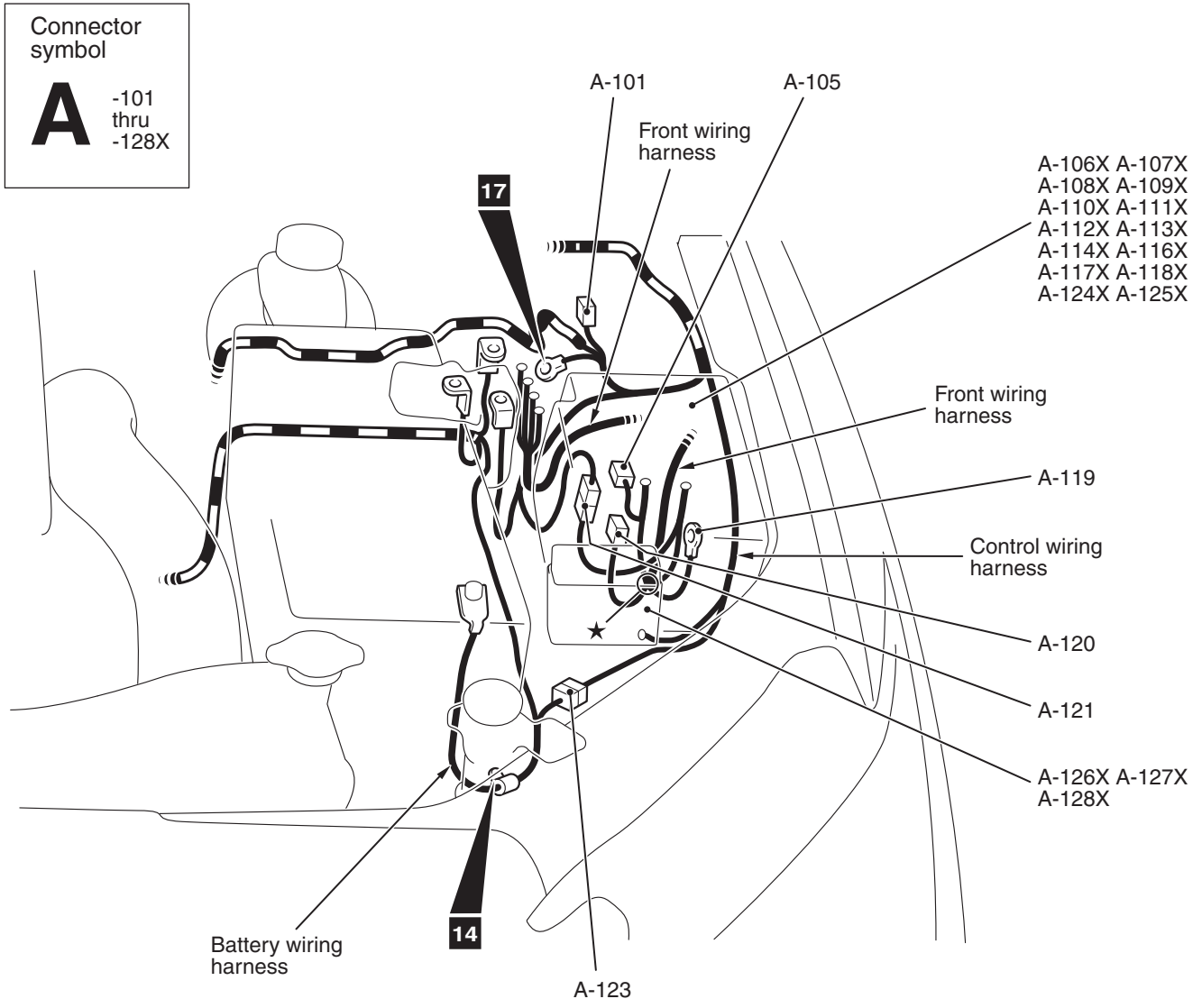


G-101	(2)	Rear door speaker (LH)
G-102	(2)	Rear door latch (upper: LH)
G-103	(2)	Rear door latch (lower: LH)
G-104	(2-B)	Seat belt pre-tensioner (passenger's side)
G-105	(3)	Front door switch (passenger's side)
G-106	(4-Y)	Floor wiring harness and rear door wiring harness (LH) combination
G-107	(8)	Floor wiring harness and rear door wiring harness (LH) combination
G-108	(2)	Rear door latch (upper: RH)
G-109	(2)	Rear door speaker (RH)
G-110	(8)	Floor wiring harness and rear door wiring harness (RH) combination
G-111	(4-Y)	Floor wiring harness and rear door wiring harness (RH) combination
G-112	(3)	Front door switch (driver's side)
G-113	(2-B)	Seat belt pre-tensioner (driver's side)
G-114	(2)	Rear door latch (lower: RH)
G-115	(10)	Rear door lock actuator (LH)
G-116	(2-B)	Rear power window motor (LH)
G-117	(8)	Rear power window sub switch (LH)
G-120	(8)	Rear power window sub switch (RH)
G-121	(2-B)	Rear power window motor (RH)
G-122	(10)	Rear door lock actuator (RH)
G-123	(2-O)	Driver's lap pre-tensioner

note	1. *1: LHD 2. *2: RHD

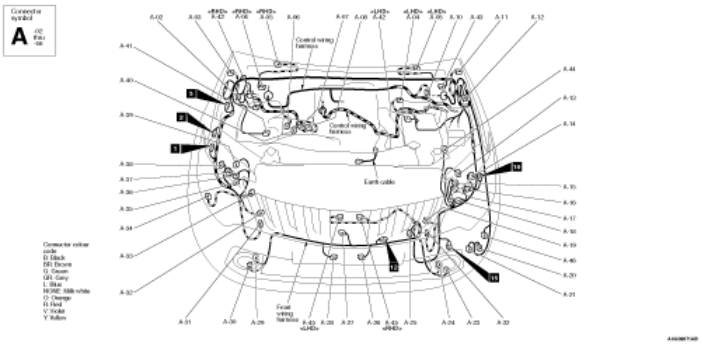

Connector symbol
A -02 thru -46
A-02
A-03
<RHD> A-42
<RHD> A-04
<RHD> A-05
A-06
A-07
A-08
<LHD> A-42
<LHD> A-04
<LHD> A-05
A-10
A-43
A-11
A-12
A-41
A-40
A-39
A-38
A-37
A-36
A-35
A-34
A-33
A-32
A-31
A-30
A-29
Front wiring harness
A-45 <LHD>
A-28
A-27
A-26
A-45 <RHD>
A-25
A-24
A-23
A-22
A-21
A-20
A-46
A-19
A-18
A-17
A-16
A-15
A-14
A-13
A-44
Control wiring harness
Control wiring harness
Earth cable
1
2
3
12
15
16
Connector colour code
B: Black
BR: Brown
G: Green
GR: Grey
L: Blue
NONE: Milk white
O: Orange
R: Red
V: Violet
Y: Yellow

ACG02071AB


Connector symbol
A -101 thru -128X
A-101
A-105
Front wiring harness
A-106X A-107X
A-108X A-109X
A-110X A-111X
A-112X A-113X
A-114X A-116X
A-117X A-118X
A-124X A-125X
17
Front wiring harness
A-119
Control wiring harness
A-120
A-121
A-126X A-127X
A-128X
14
Battery wiring harness
A-123

ACE04238AD

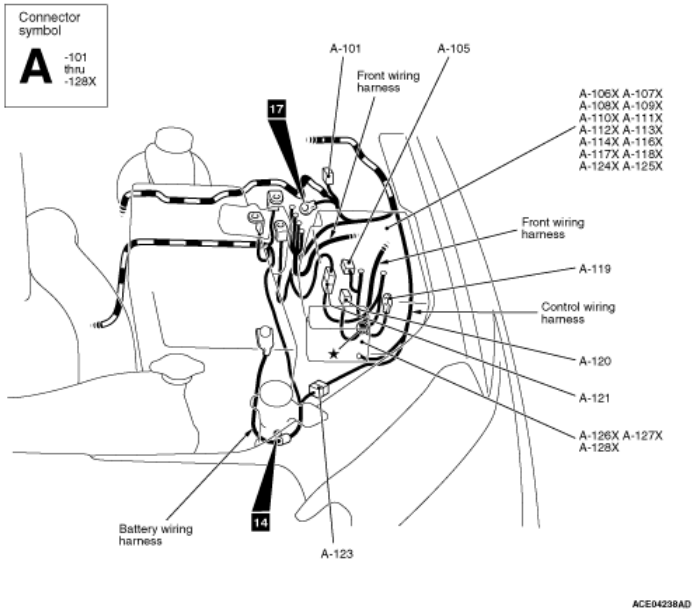
ENGINE COMPARTMENT



A-02	(38-B)	ASTC-ECU
A-03	(2-B)	Side turn-signal lamp (RH)
A-04	(2-GR)	Brake fluid level switch
A-05	(5-B)	Windshield wiper motor
A-06	(2-GR)	No. 3 exhaust gas temperature sensor
A-07	(2-B)	Freewheel solenoid (A) <Vehicles with freewheel clutch>
A-08	(2-B)	Freewheel solenoid (B) <Vehicles with freewheel clutch>
A-10	(2-B)	Water level switch
A-11	(2-B)	Side turn-signal lamp (LH)
A-12	(2-B)	Fuel filter pressure switch <Vehicles for Russia>
A-13	(2-B)	Front turn-signal lamp (LH) <Vehicles with halogen type headlamp>
A-14	(3-B)	Headlamp (LH) <Halogen type>
A-15	(2-B)	Position lamp (LH) <Vehicles with halogen type headlamp>
A-16	(3-GR)	Headlamp levelling unit (LH)
A-17	(8-B)	Front combination lamp (LH) <Vehicles with discharge type headlamp>
A-18	(4-B)	Spare connector (for trailer)
A-19	(2-Y)	Front impact sensor (LH)
A-20	(2-GR)	Washer motor
A-21	(2-B)	Headlamp washer motor
A-22	(2-B)	Front wheel speed sensor (LH)
A-23	(2-B)	Front fog lamp (LH)
A-24	(2-GR)	Daytime running lamp (LH) <Bulb type>
A-25	(2-B)	No connection
A-26	(1-B)	Horn (LO)
A-27	(2-B)	Ambient temperature sensor <Vehicles with automatic air conditioner or AS&G system>
A-28	(1-B)	Horn (HI)
A-29	(2-GR)	Daytime running lamp (RH) <Bulb type>
A-30	(2-B)	Front fog lamp (RH)
A-31	(2-B)	Front wheel speed sensor (RH)
A-32	(2-Y)	Front impact sensor (RH)
A-33	(2-BR)	Dual pressure switch
A-34	(2-GR)	Outer buzzer <Vehicles with KOS>
A-35	(8-B)	Front combination lamp (RH) <Vehicles with discharge type headlamp>
A-36	(2-B)	Position lamp (RH) <Vehicles with halogen type headlamp>
A-37	(3-GR)	Headlamp levelling unit (RH)
A-38	(3-B)	Headlamp (RH) <Halogen type>
A-39	(2-B)	Front turn-signal lamp (RH) <Vehicles with halogen type headlamp>
A-40	(2-GR)	Freewheel engage switch <Vehicles with freewheel clutch>
A-41	(5-B)	Air flow sensor
A-42	(3-B)	Brake vacuum sensor <Vehicles with AS&G system>
A-43	(2-B)	Fuel line heater <Vehicles for Russia>

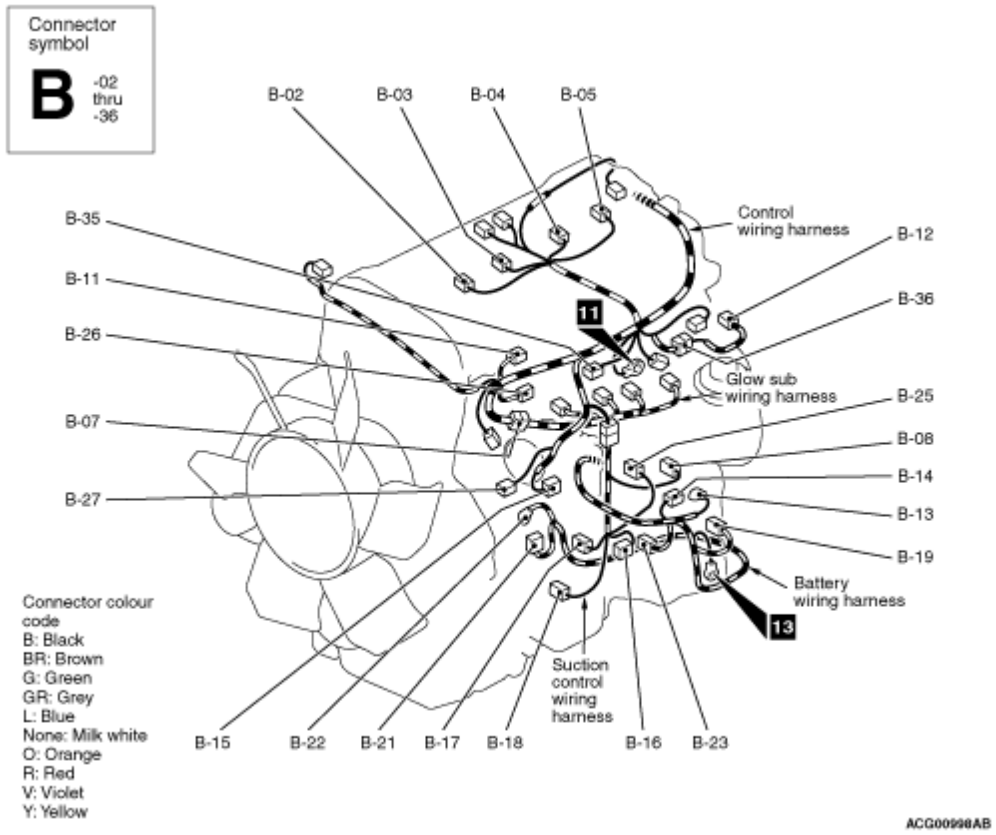
A-44	(4-B)	Battery current sensor <Vehicles for Europe>
A-45	(2-B)	Hood latch switch <Vehicles with AS&G system>
A-46	(2-B)	Windshield washer tank fluid level sensor

ENGINE COMPARTMENT (CONTINUED)



A-101	(11-GR)	Glow control unit
A-105	(12)	J/C (1)
A-106X	(4)	No connection
A-107X	(4)	Horn relay
A-108X	(4)	Headlamp washer relay
A-109X	(4)	Headlamp relay (LO)
A-110X	(4)	Headlamp relay (HI)
A-111X	(4)	Daytime running lamp relay
A-112X	(4)	Front fog lamp relay
A-113X	(4)	Engine control relay
A-114X	(4)	Power window relay
A-116X	(4)	A/C compressor relay
A-117X	(4)	A/T control relay
A-118X	(4)	Starter relay
A-119	(1)	Relay box
A-120	(1)	Relay box
A-121	(13)	Front wiring harness and control wiring harness combination (integrated in relay box)
A-123	(10-B)	Battery wiring harness and control wiring harness combination
A-124X	(4)	Fuel line heater relay <Vehicles for Russia>
A-125X	(4)	Starter cut relay <Vehicles with AS&G system>
A-126X	(4)	PTC heater relay A
A-127X	(4)	PTC heater relay B
A-128X	(5)	PTC heater relay C

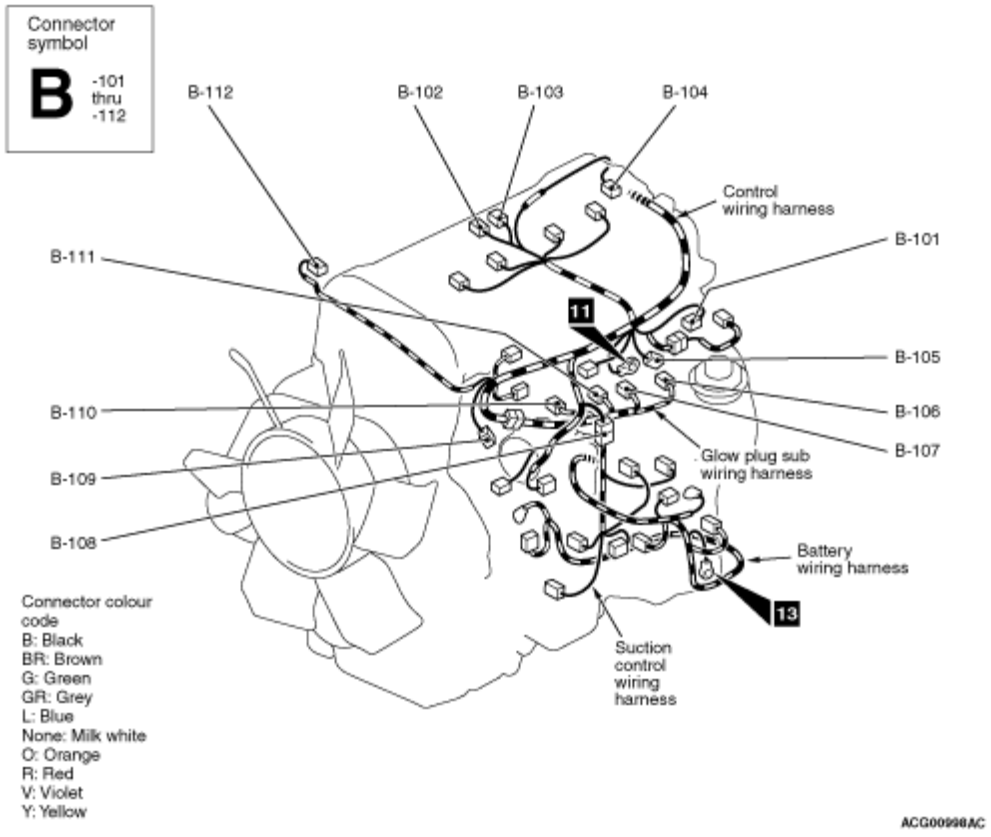
ENGINE



B-02	(2-GR)	No. 1 injector
B-03	(2-GR)	No. 2 injector
B-04	(2-BR)	No. 3 injector
B-05	(2-BR)	No. 4 injector
B-07	(4-B)	Control wiring harness and glow sub wiring harness combination
B-08	(6-GR)	Exhaust gas recirculation valve
B-11	(3-B)	Rail pressure sensor
B-12	(3-GR)	Camshaft position sensor
B-13	(1)	Starter
B-14	(1-B)	Starter
B-15	(6-B)	Electronic controlled throttle valve
B-16	(2-B)	Fuel temperature sensor
B-17	(2-GR)	Suction control valve
B-18	(1-B)	A/C compressor and clutch assembly
B-19	(3-GR)	Crank angle sensor
B-21	(4-GR)	Alternator

B-22	(1)	Alternator
B-23	(1-L)	Engine oil pressure switch
B-25	(2-B)	Engine coolant temperature sensor
B-26	(2-B)	Variable geometry control solenoid valve
B-27	(1-B)	Power steering fluid pressure switch
B-35	(3-L)	Manifold absolute pressure sensor
B-36	(3-B)	Control wiring harness and camshaft position sensor sub wiring harness combination

ENGINE (CONTINUED)

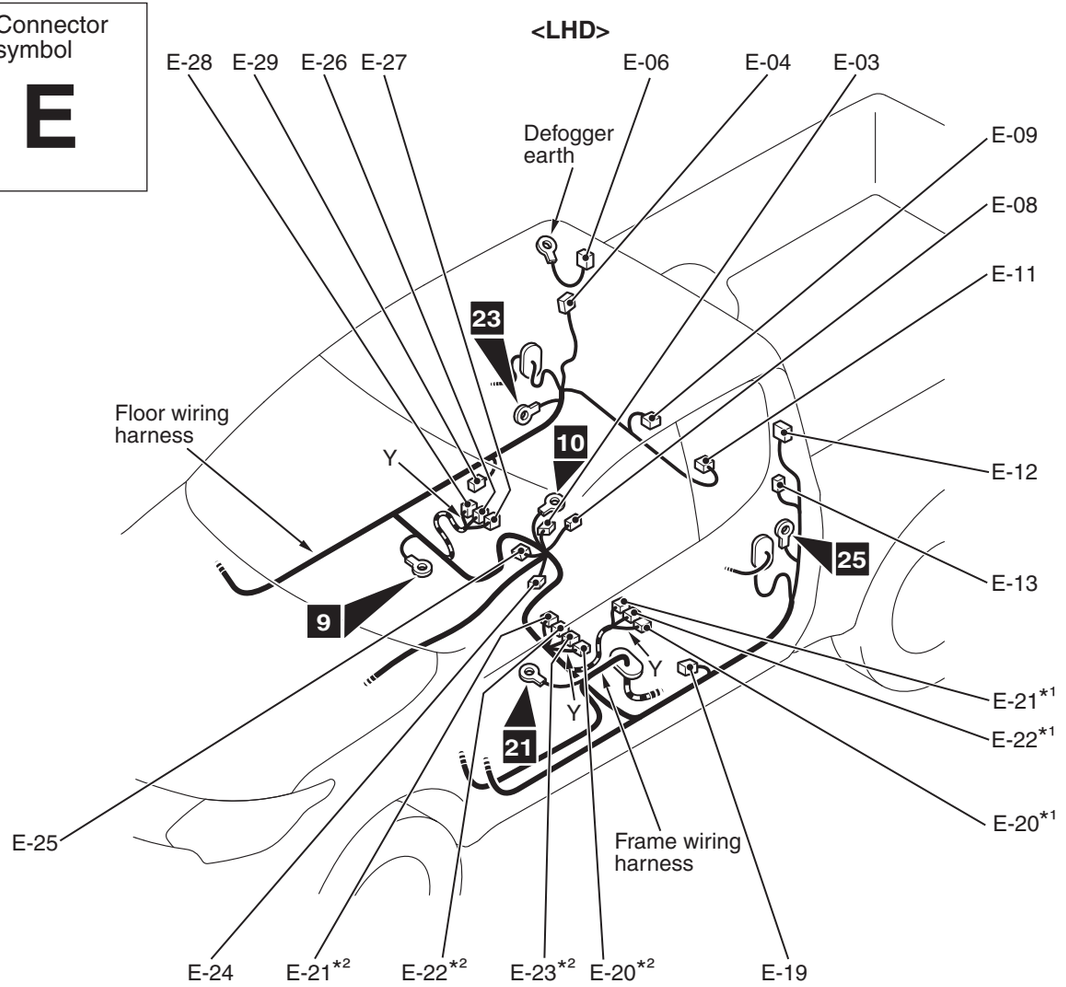


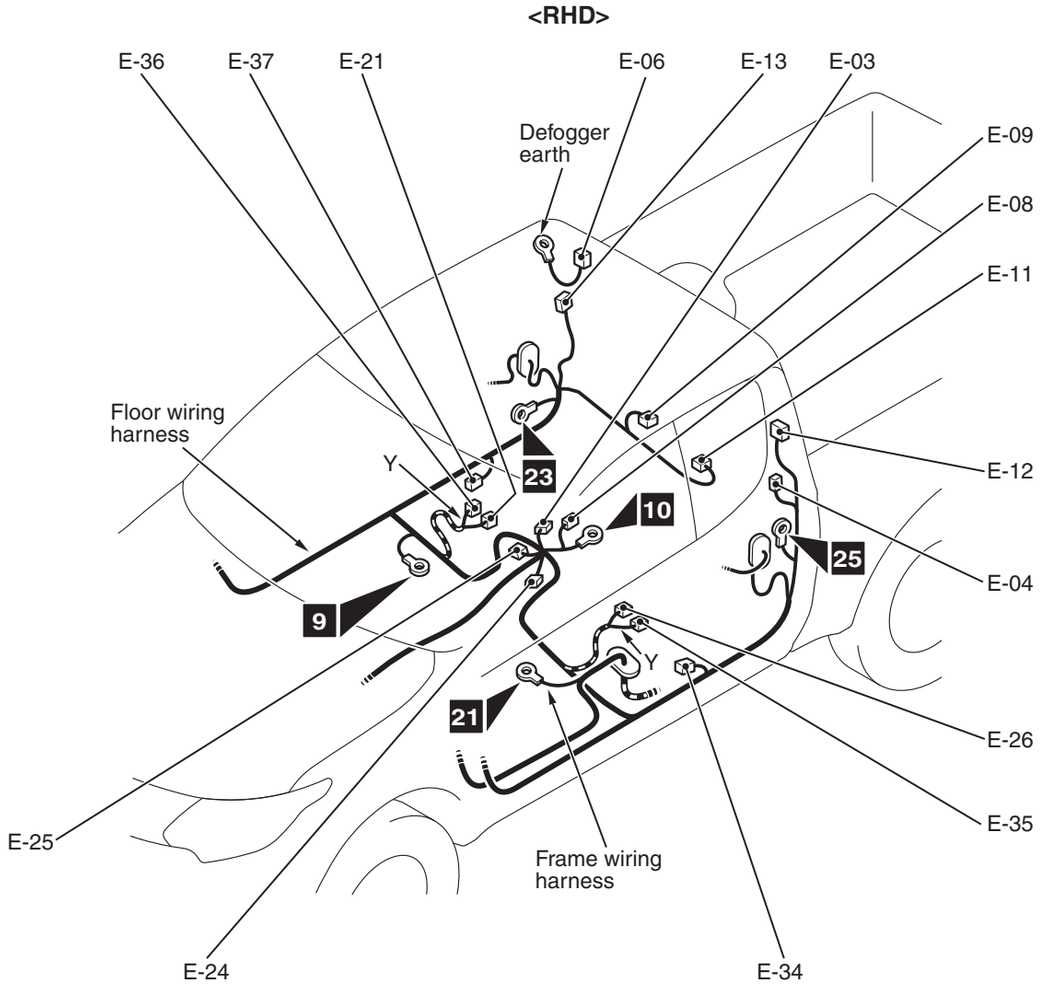
B-101	(2-B)	EGR cooler bypass control solenoid valve
B-102	(2-GR)	No. 2 exhaust gas temperature sensor
B-103	(2-GR)	No. 1 exhaust gas temperature sensor
B-104	(3-B)	Exhaust differential pressure sensor
B-105	(2-B)	EGR gas temperature sensor
B-106	(1-B)	No. 4 Glow plug
B-107	(1-B)	No. 3 Glow plug
B-108	(12-B)	Control wiring harness and suction control wiring harness combination
B-109	(2-B)	Oil feeder control valve <MIVEC>

B-110	(1-B)	No. 1 Glow plug
B-111	(1-B)	No. 2 Glow plug
B-112	(3-GR)	Variable geometry position sensor

Connector symbol

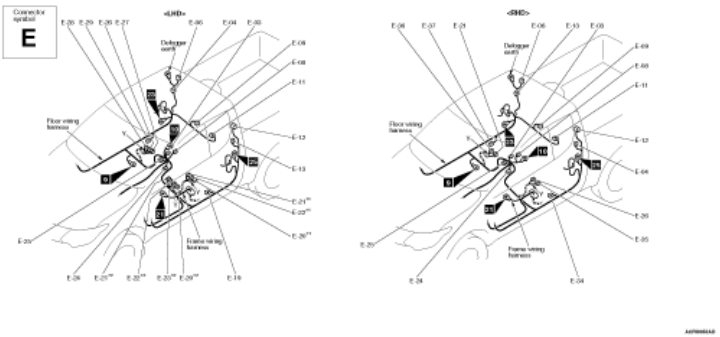
E





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FLOOR <CLUB CAB>

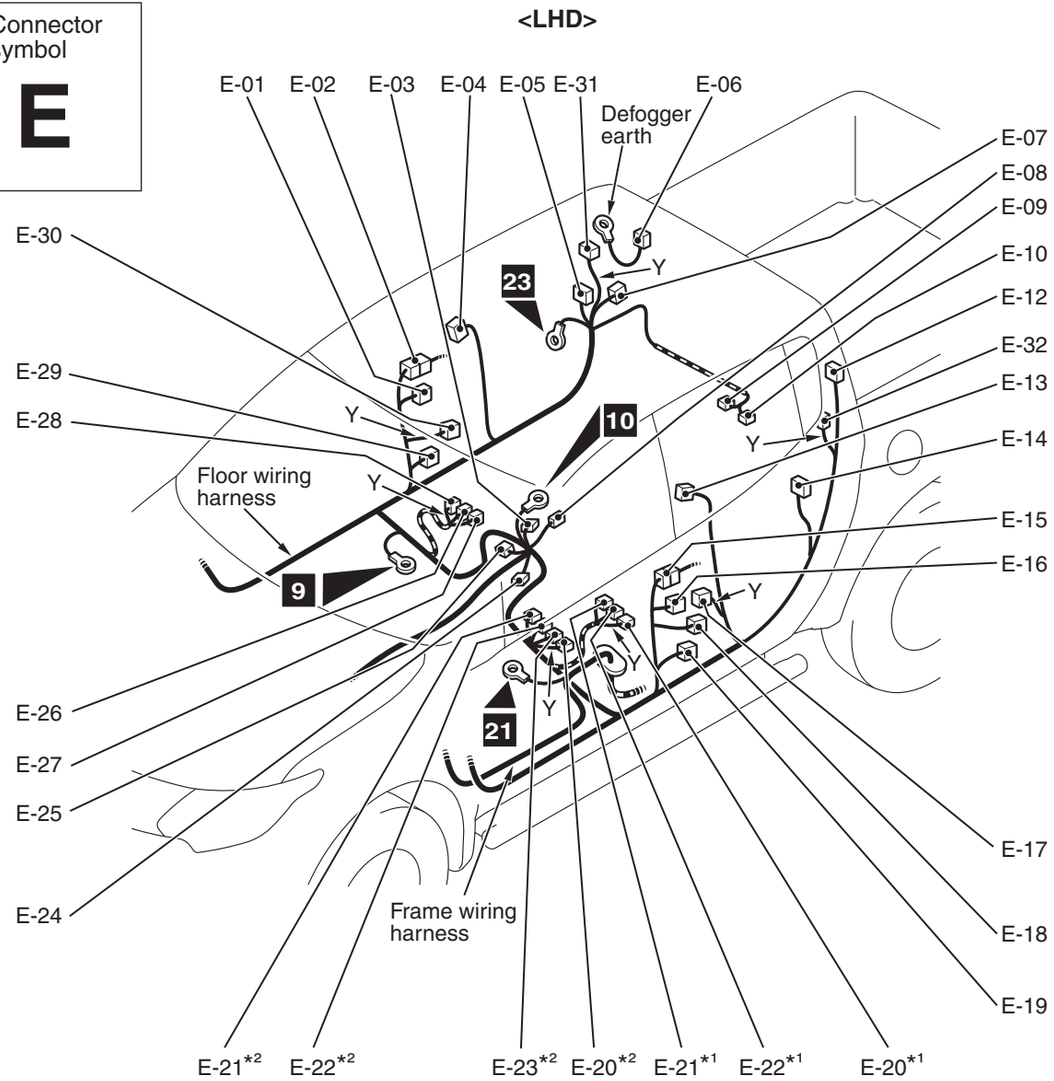


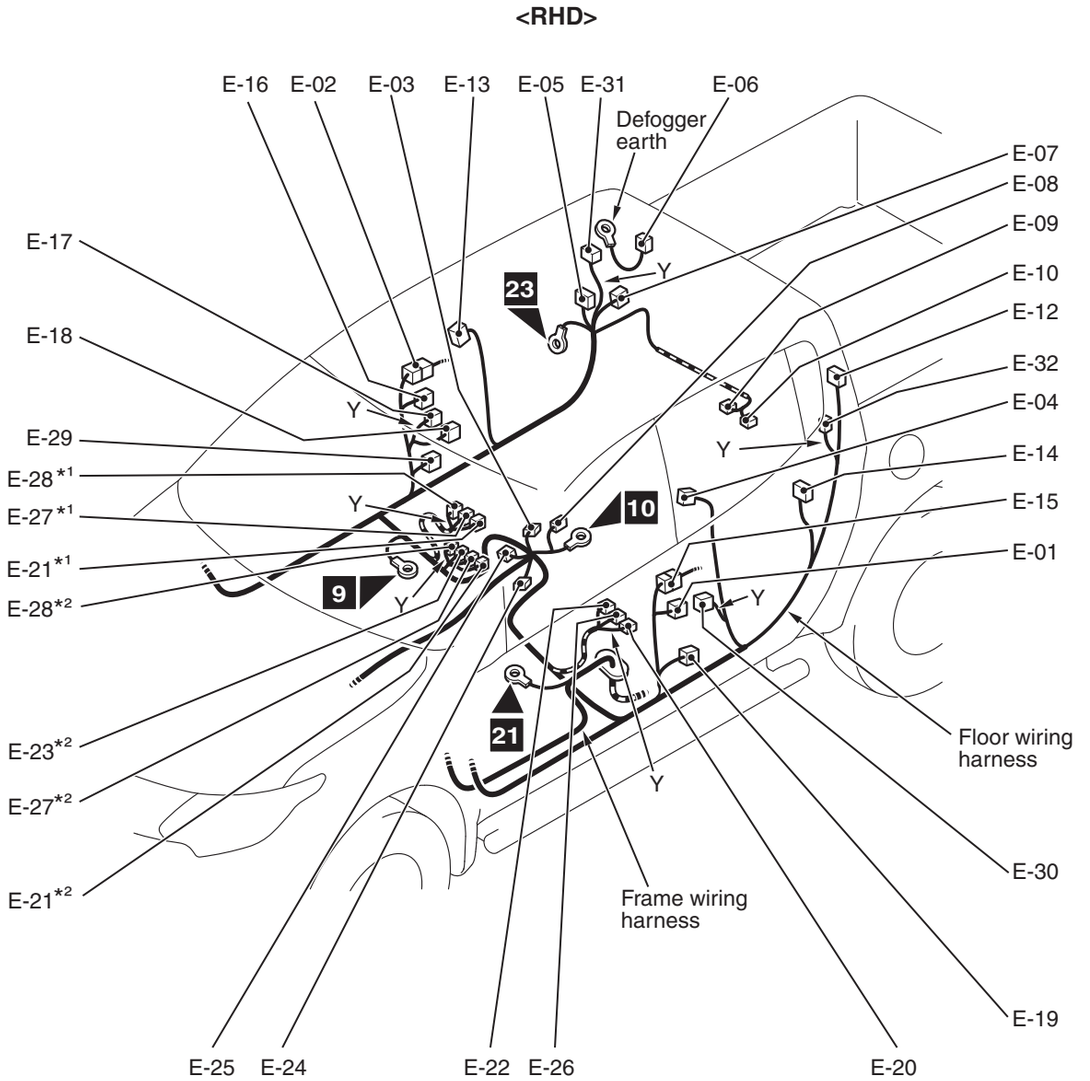
E-03	(1-B)	Parking brake switch
E-04	(5)	Outside transmission antenna assembly (passenger's side) <Vehicles with KOS> or no connection
E-06	(1-B)	Rear window defogger (-)
E-08	(2)	Accessory socket
E-09	(2)	Rear seat belt switch (RH)
E-11	(2)	Rear seat belt switch (LH)
E-12	(1-B)	Rear window defogger (+)
E-13	(5)	Outside transmission antenna assembly (driver's side) <Vehicles with KOS> or no connection
E-19	(2-Y)	Side impact sensor (LH)
E-20	(2-Y)	Side-airbag module (squib) (LH)
E-21	(2)	Front seat belt switch (driver's side)
E-22	(3)	Heated seat (LH)
E-23	(2)	Power seat assembly
E-24	(10)	Drive mode-selector
E-25	(5)	Inside transmission antenna assembly (front) <Vehicles with KOS> or no connection
E-26	(2)	Front seat belt switch (passenger's side)
E-27	(3)	Heated seat (RH)
E-28	(2-Y)	Side-airbag module (squib) (RH)
E-29	(2-Y)	Side impact sensor (RH)
E-34	(2-Y)	No connection
E-35	(2-Y)	No connection
E-36	(2-Y)	No connection
E-37	(2-Y)	No connection

note	1. *1: Vehicles without power seat 2. *2: Vehicles with power seat

Connector symbol

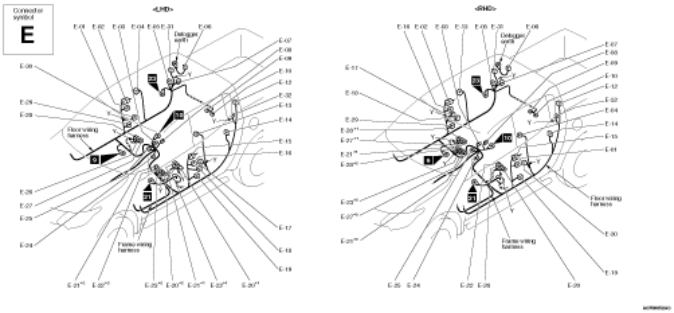
E





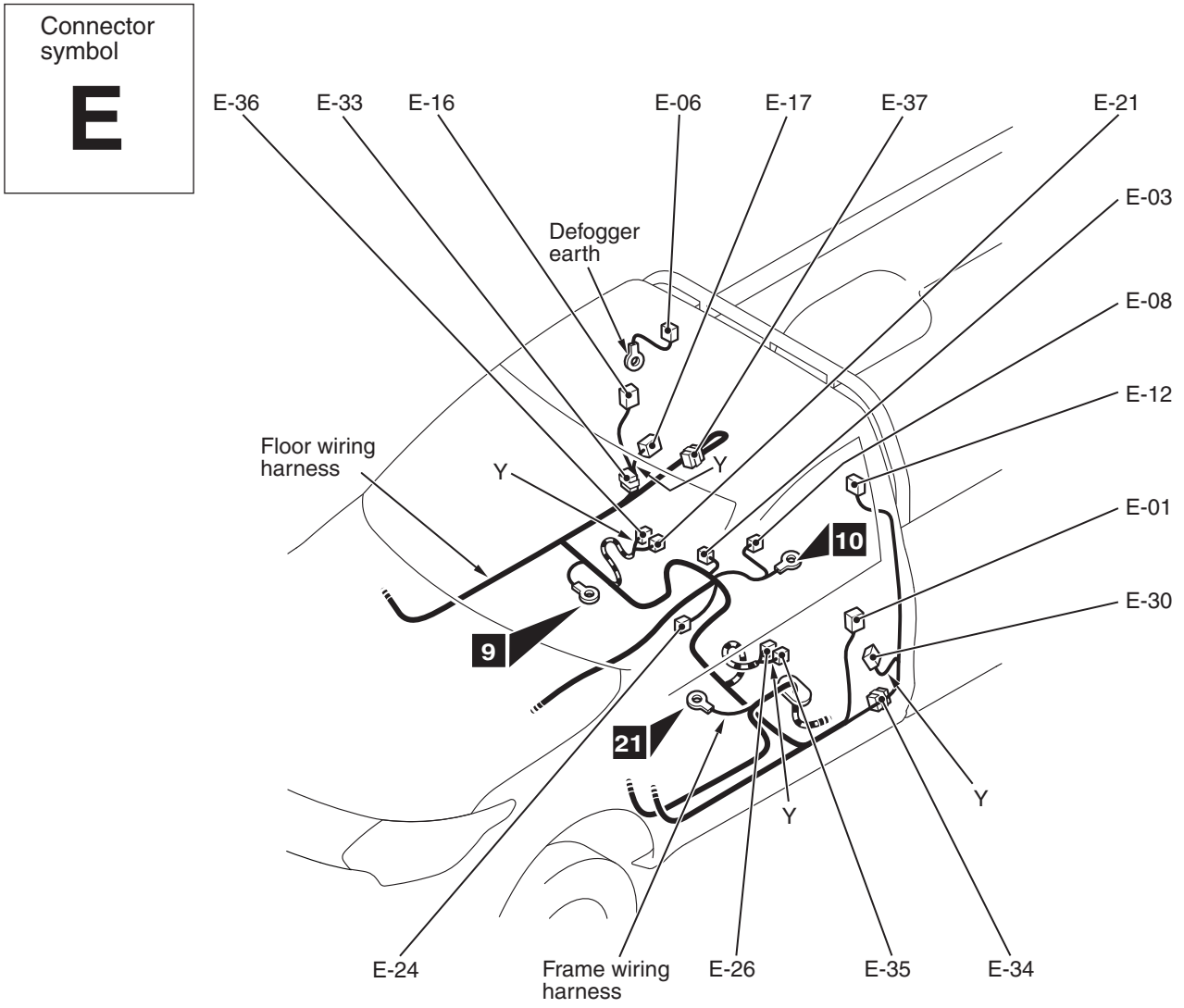
ACF00052AC

FLOOR <DOUBLE CAB>



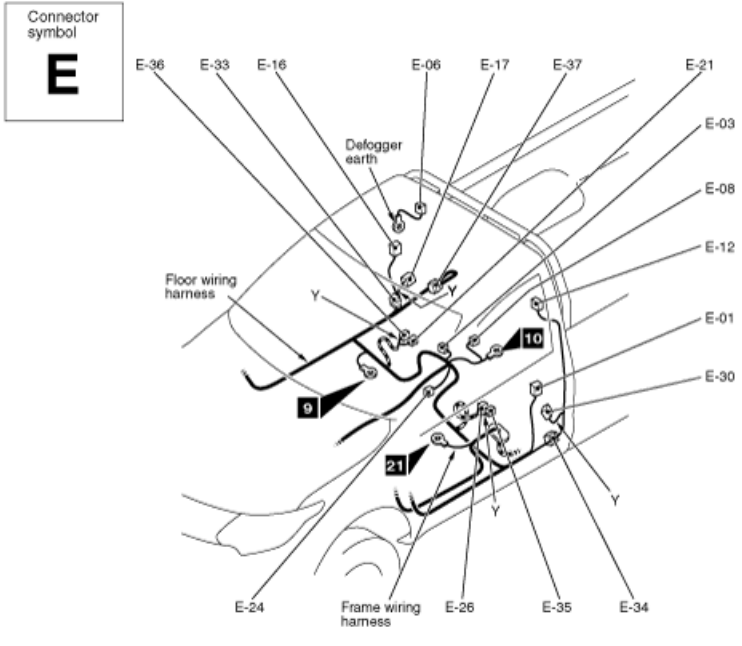
E-01	(3)	Front door switch (passenger's side)
E-02	(18)	Floor wiring harness and rear door wiring harness (RH) combination
E-03	(1-B)	Parking brake switch
E-04	(5)	Outside transmission antenna assembly (passenger's side) <Vehicles with KOS>
E-05	(3)	Rear door switch (RH)
E-06	(1-B)	Rear window defogger (-)
E-07	(5)	Inside transmission antenna assembly (rear) <Vehicles with KOS>
E-08	(2)	Accessory socket
E-09	(2)	Rear seat belt switch (RH)
E-10	(4)	Rear seat belt switch (LH and centre)
E-12	(1-B)	Rear window defogger (+)
E-13	(5)	Outside transmission antenna assembly (driver's side) <Vehicles with KOS>
E-14	(3)	Rear door switch (LH)
E-15	(18)	Floor wiring harness and rear door wiring harness (LH) combination
E-16	(3)	Front door switch (driver's side)
E-17	(2-B)	Seat belt pre-tensioner (driver's side)
E-18	(2-O)	Driver's lap pre-tensioner
E-19	(2-Y)	Side impact sensor (LH)
E-20	(2-Y)	Side-airbag module (squib) (LH)
E-21	(2)	Front seat belt switch (driver's side)
E-22	(3)	Heated seat (LH)
E-23	(2)	Power seat assembly
E-24	(10)	Drive mode-selector
E-25	(5)	Inside transmission antenna assembly (front) <Vehicles with KOS>
E-26	(2)	Front seat belt switch (passenger's side)
E-27	(3)	Heated seat (RH)
E-28	(2-Y)	Side-airbag module (squib) (RH)
E-29	(2-Y)	Side impact sensor (RH)
E-30	(2-B)	Seat belt pre-tensioner (passenger's side)
E-31	(2-B)	Rear seat belt pre-tensioner (RH)
E-32	(2-B)	Rear seat belt pre-tensioner (LH)

note	1. *1: Vehicles without power seat 2. *2: Vehicles with power seat


Connector symbol
E
E-36
E-33
E-16
E-06
E-17
E-37
E-21
E-03
E-08
E-12
E-01
E-30
Defogger earth
Floor wiring harness
Y
Y
10
9
21
Y
Y
E-24
Frame wiring harness
E-26
E-35
E-34

ACG00999AB

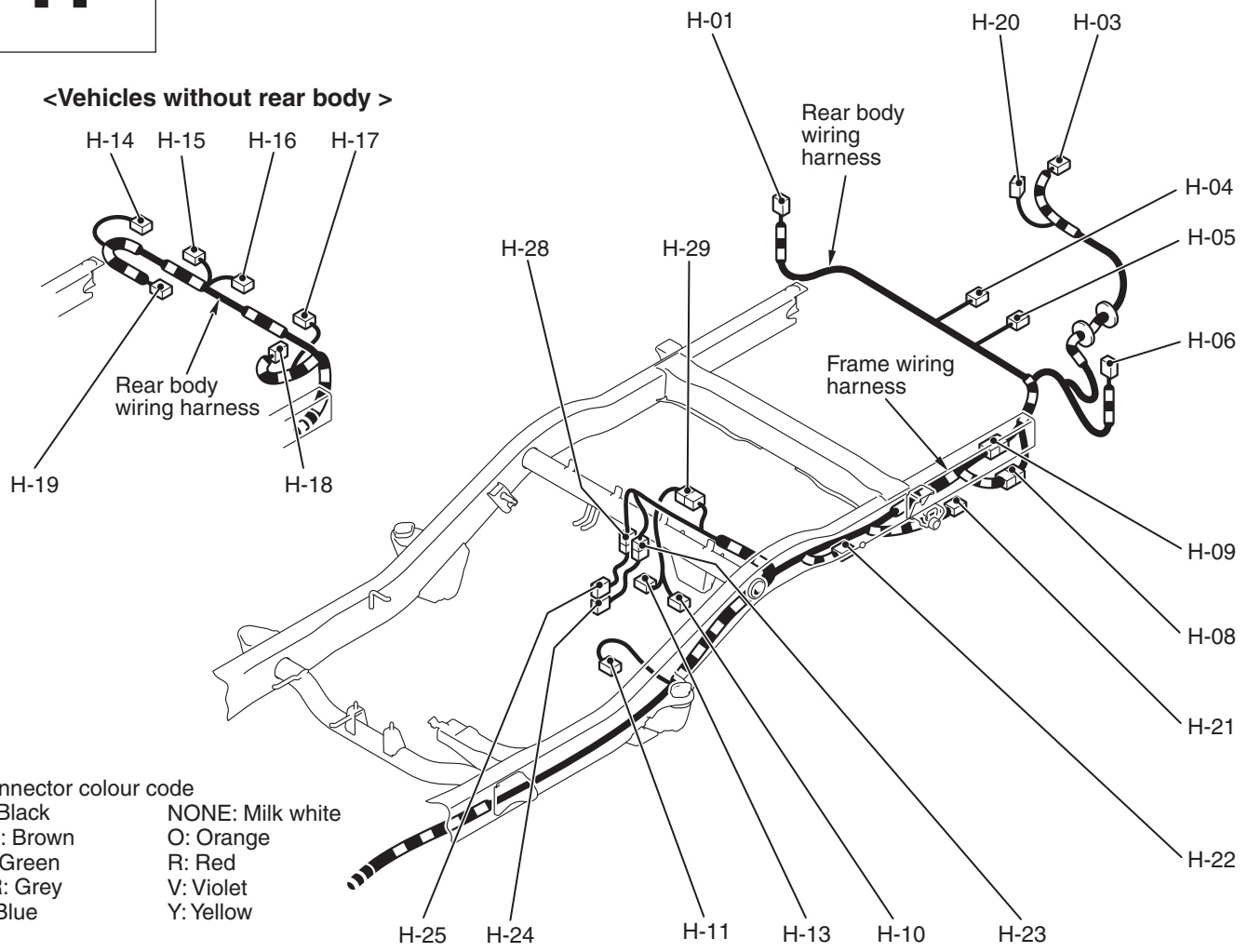
FLOOR <SINGLE CAB>



E-01	(3)	Front door switch (passenger's side)
E-03	(1-B)	Parking brake switch
E-06	(1-B)	Rear window defogger (-)
E-08	(2)	Accessory socket
E-12	(1-B)	Rear window defogger (+)
E-16	(3)	Front door switch (driver's side)
E-17	(2-B)	Seat belt pre-tensioner (driver's side)
E-21	(2)	Front seat belt switch (driver's side)
E-24	(10)	Drive mode-selector
E-26	(2)	Front seat belt switch (passenger's side)
E-30	(2-B)	Seat belt pre-tensioner (passenger's side)
E-33	(2-O)	No connection
E-34	(2-Y)	No connection
E-35	(2-Y)	No connection
E-36	(2-Y)	No connection
E-37	(2-Y)	No connection

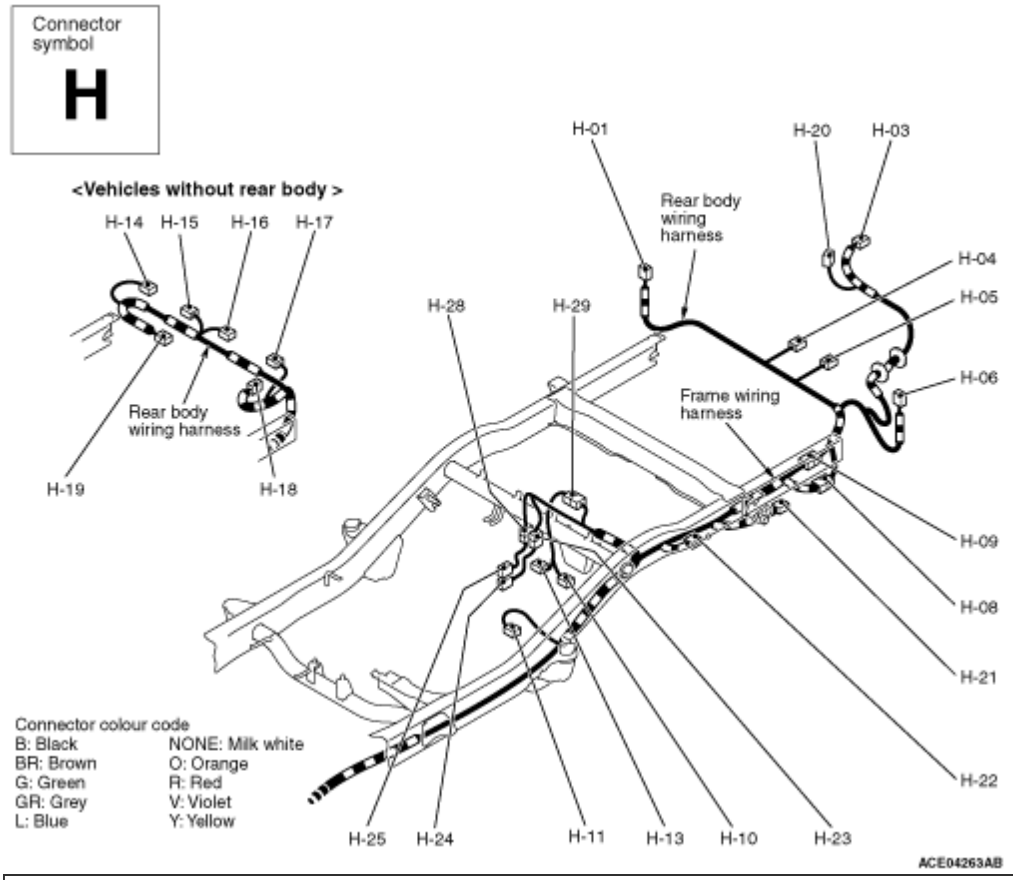
Connector symbol

H



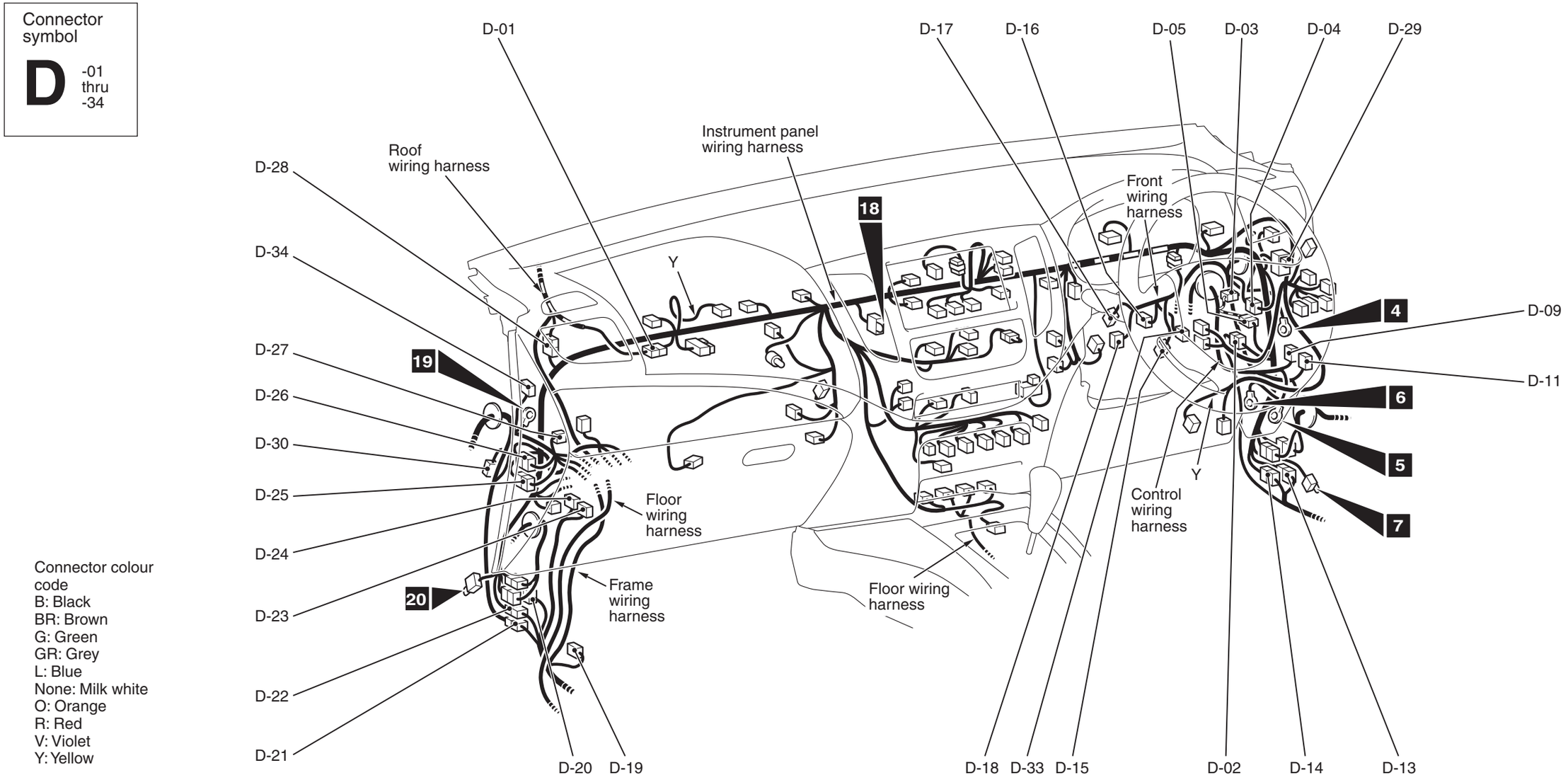
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FRAME

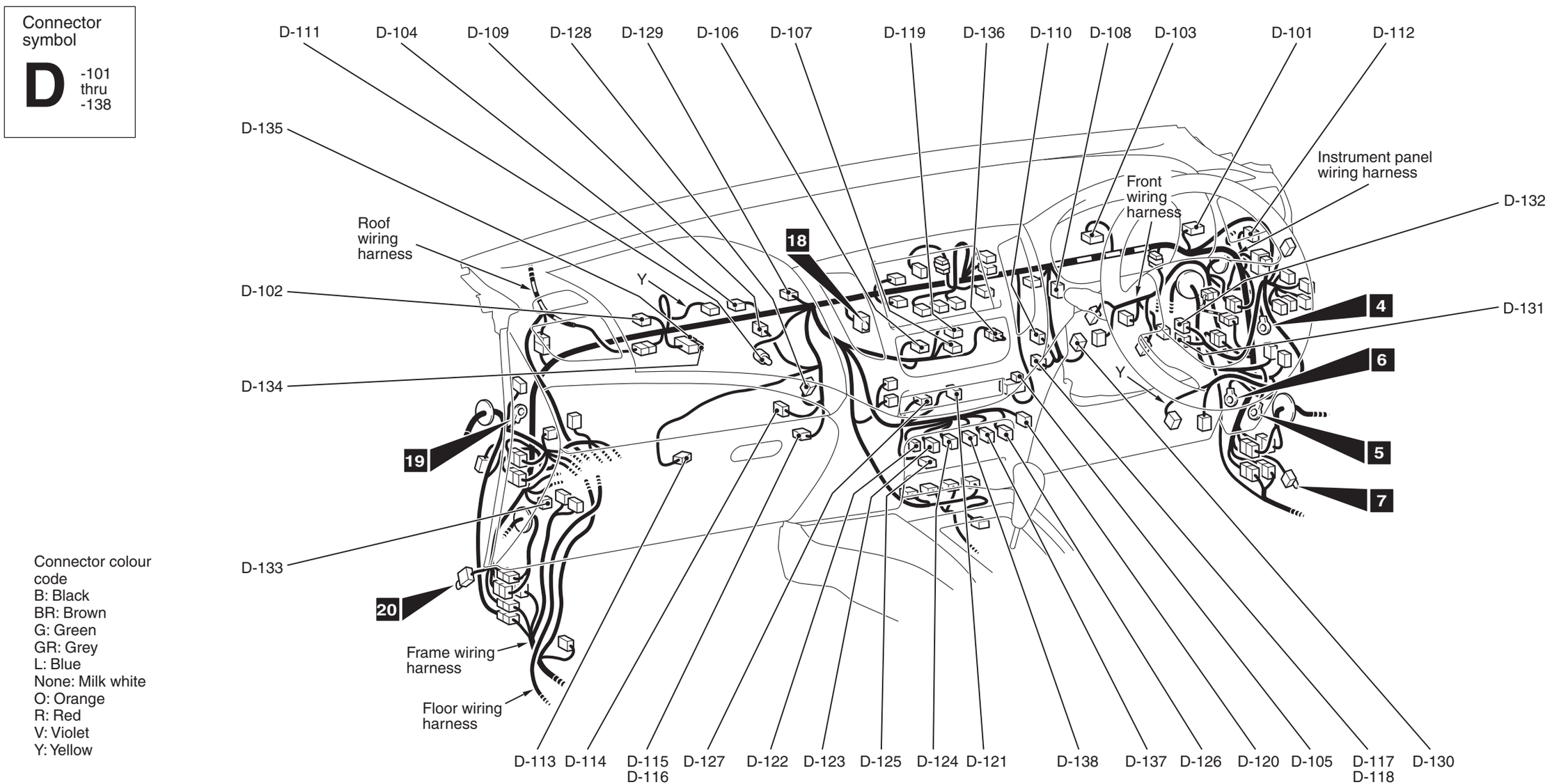


H-01	(6-GR)	Rear combination lamp (RH) <Vehicles with rear body>
H-03	(2-B)	High-mounted stop lamp
H-04	(2-GR)	Licence plate lamp (RH) <Vehicles with rear body>
H-05	(2-GR)	Licence plate lamp (LH) <Vehicles with rear body>
H-06	(6-GR)	Rear combination lamp (LH) <Vehicles with rear body>
H-08	(6)	Frame wiring harness and rear body wiring harness combination
H-09	(8-B)	Frame wiring harness and rear body wiring harness combination
H-10	(2-B)	Rear wheel speed sensor (LH)
H-11	(2)	Fuel gauge unit
H-13	(2-GR)	Rear wheel speed sensor (RH)
H-14	(6-B)	Rear combination lamp (RH) <Vehicles without rear body>
H-15	(2-B)	Licence plate lamp (RH) <Vehicles without rear body>
H-16	(2-B)	Licence plate lamp (LH) <Vehicles without rear body>
H-17	(6-B)	Rear combination lamp (LH) <Vehicles without rear body>
H-18	(2-B)	Rear fog lamp (LH) <Vehicles without rear body>
H-19	(2-B)	No connection <Vehicles without rear body>

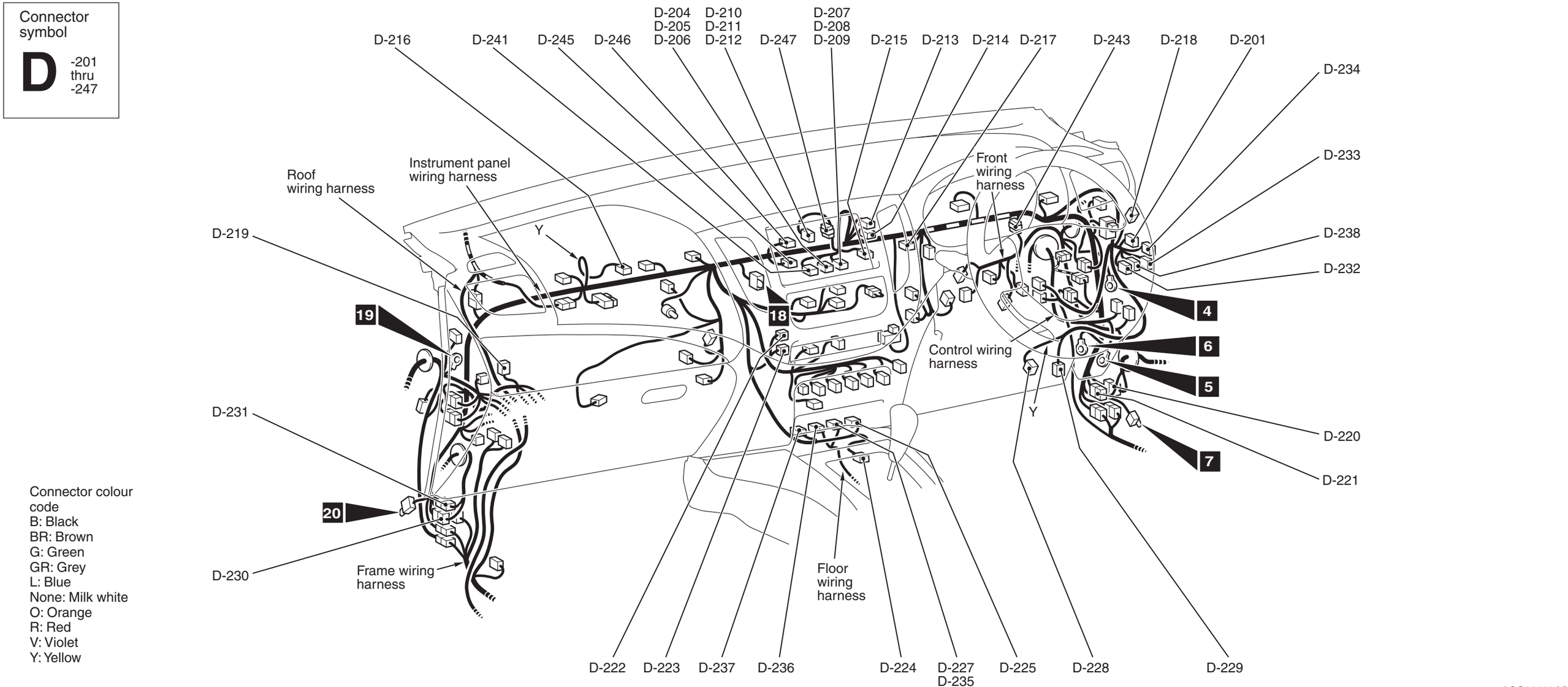
H-20	(6)	Rear view camera
H-21	(3-B)	Spare connector (for trailer)
H-22	(1-B)	Spare connector (for accessory socket)
H-23	(2-GR)	Frame wiring harness and rear differential lock sub wiring harness (for switch) combination
H-24	(2-GR)	Rear differential lock detection switch
H-25	(2-B)	Rear differential lock solenoid
H-28	(2-B)	Frame wiring harness and rear differential lock sub wiring harness (for solenoid) combination
H-29	(4-B)	Frame wiring harness and ABS wiring harness combination


Connector symbol
D -01 thru -34
D-01
D-17
D-16
D-05
D-03
D-04
D-29
Instrument panel wiring harness
Roof wiring harness
D-28
D-34
D-27
D-26
D-30
D-25
D-24
D-23
D-22
D-21
18
19
20
Y
Front wiring harness
4
D-09
D-11
6
5
7
Y
Control wiring harness
Floor wiring harness
Frame wiring harness
Floor wiring harness
D-20
D-19
D-18
D-33
D-15
D-02
D-14
D-13
Connector colour code
B: Black
BR: Brown
G: Green
GR: Grey
L: Blue
None: Milk white
O: Orange
R: Red
V: Violet
Y: Yellow

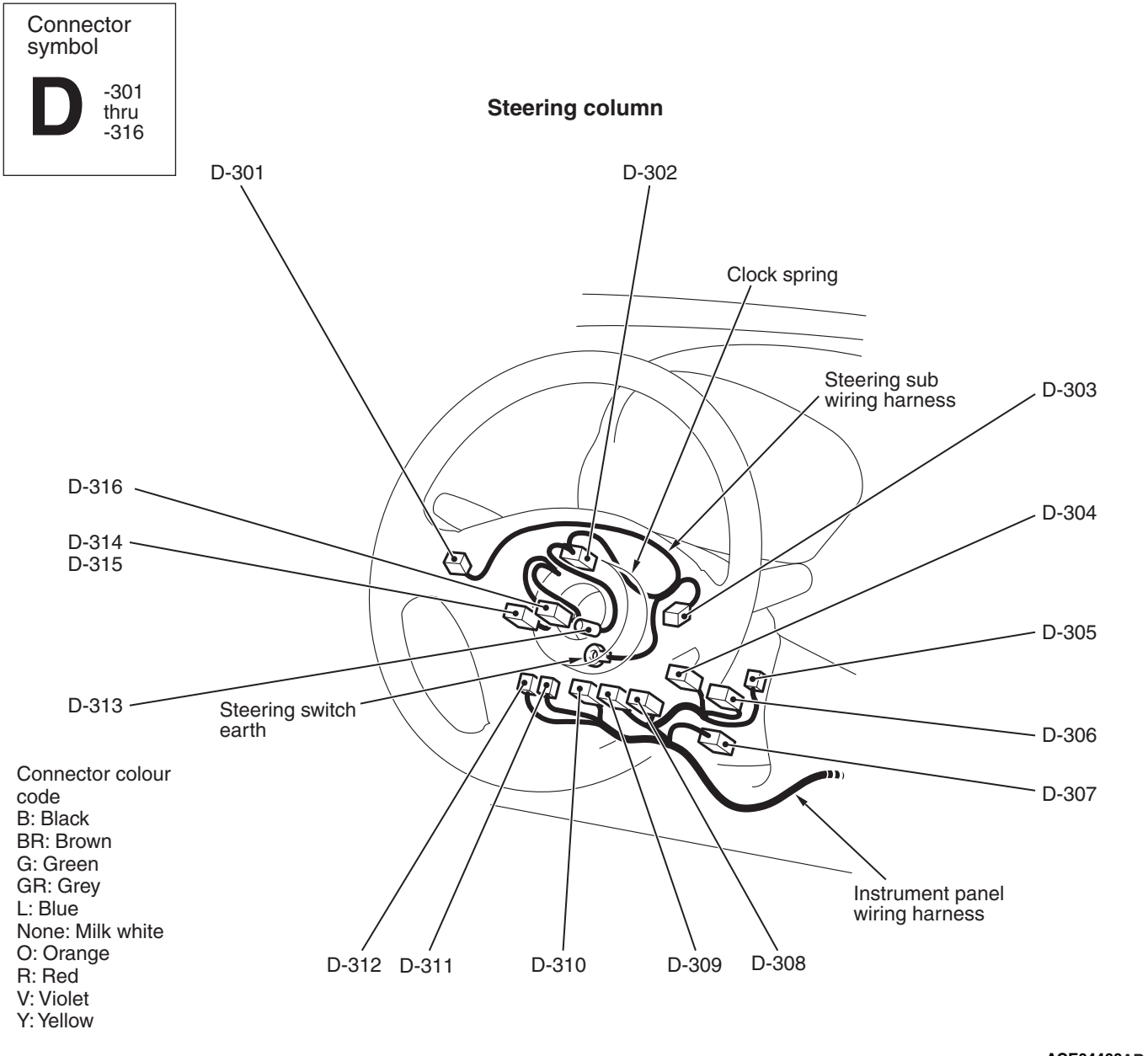
ACG01033AB


Connector symbol
D -101 thru -138
D-111
D-104
D-109
D-128
D-129
D-106
D-107
D-119
D-136
D-110
D-108
D-103
D-101
D-112
D-135
Instrument panel wiring harness
Front wiring harness
D-132
Roof wiring harness
18
Y
D-102
4
D-131
D-134
6
Y
19
5
7
D-133
20
Frame wiring harness
Floor wiring harness
D-113
D-114
D-115
D-116
D-127
D-122
D-123
D-125
D-124
D-121
D-138
D-137
D-126
D-120
D-105
D-117
D-118
D-130
Connector colour code
B: Black
BR: Brown
G: Green
GR: Grey
L: Blue
None: Milk white
O: Orange
R: Red
V: Violet
Y: Yellow

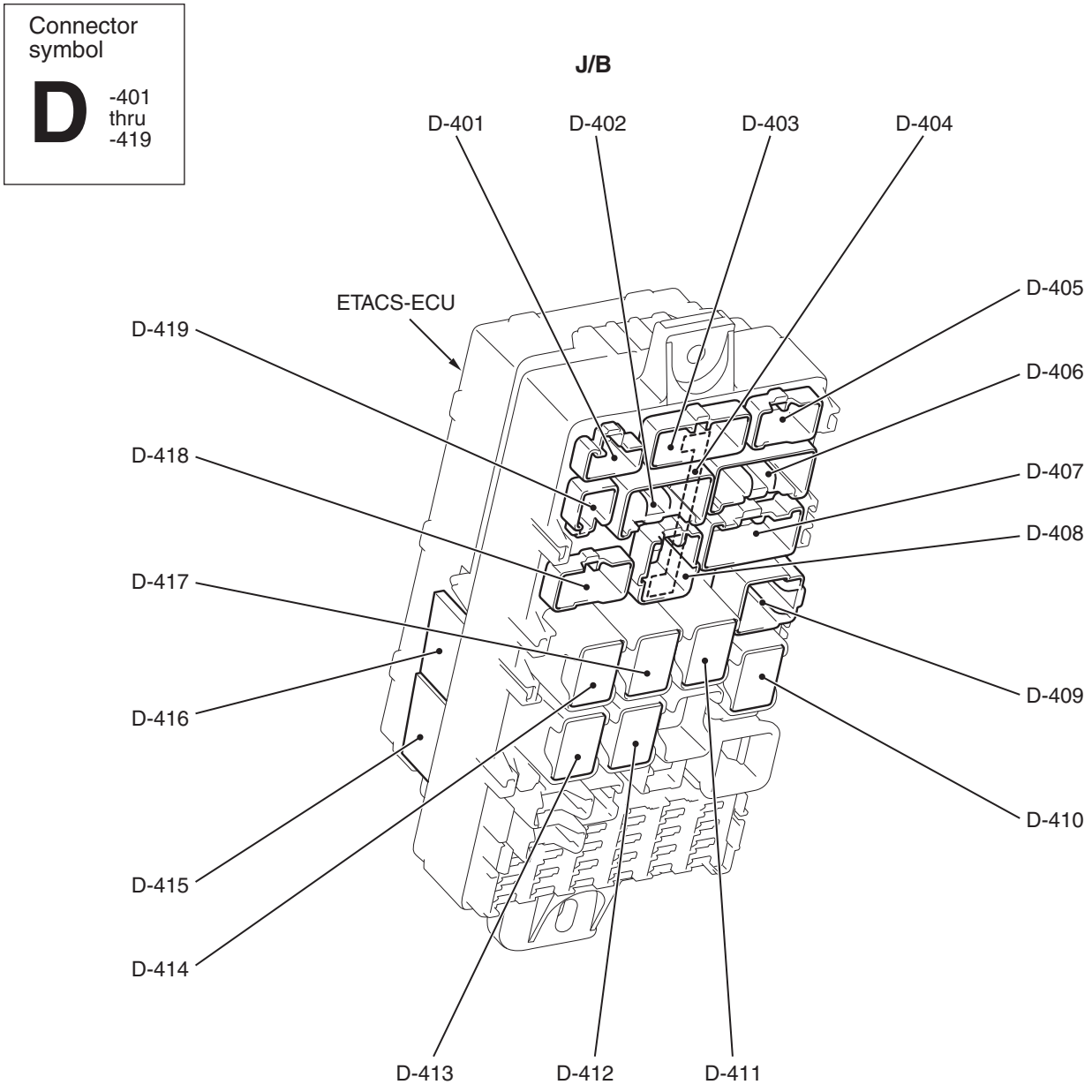
ACG01033AC


Connector symbol
D -201 thru -247
D-216
D-241
D-245
D-246
D-204
D-205
D-206
D-210
D-211
D-212
D-247
D-207
D-208
D-209
D-215
D-213
D-214
D-217
D-243
D-218
D-201
D-234
D-233
D-238
D-232
Roof wiring harness
Instrument panel wiring harness
Front wiring harness
D-219
Y
19
18
4
6
5
7
Control wiring harness
Y
D-231
D-220
D-221
20
D-230
Frame wiring harness
Floor wiring harness
D-222
D-223
D-237
D-236
D-224
D-227
D-235
D-225
D-228
D-229
Connector colour code
B: Black
BR: Brown
G: Green
GR: Grey
L: Blue
None: Milk white
O: Orange
R: Red
V: Violet
Y: Yellow

ACG01033AD

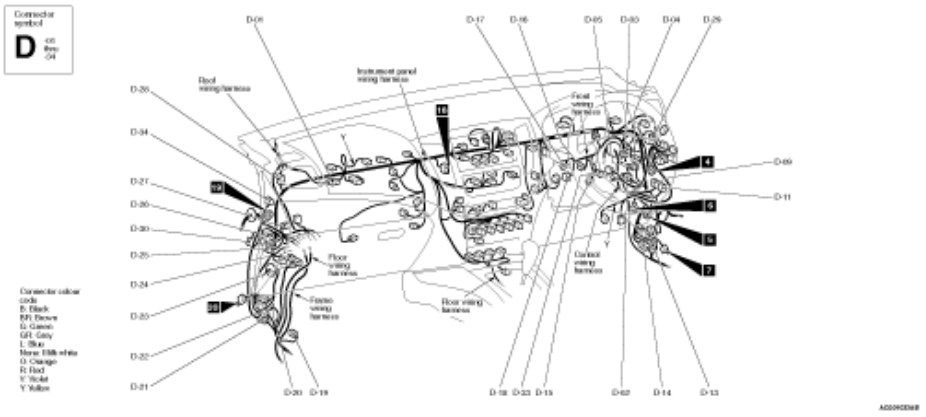

Connector symbol
D -301 thru -316
Steering column
D-301
D-302
Clock spring
Steering sub wiring harness
D-303
D-316
D-314
D-315
D-304
D-305
D-313
Steering switch earth
D-306
D-307
Instrument panel wiring harness
D-312
D-311
D-310
D-309
D-308
Connector colour code
B: Black
BR: Brown
G: Green
GR: Grey
L: Blue
None: Milk white
O: Orange
R: Red
V: Violet
Y: Yellow

ACE04400AB


Connector symbol
D -401 thru -419
J/B
D-401
D-402
D-403
D-404
ETACS-ECU
D-405
D-406
D-407
D-408
D-409
D-410
D-411
D-412
D-413
D-414
D-415
D-416
D-417
D-418
D-419

ACE04401AB

INSTRUMENT PANEL <RHD>

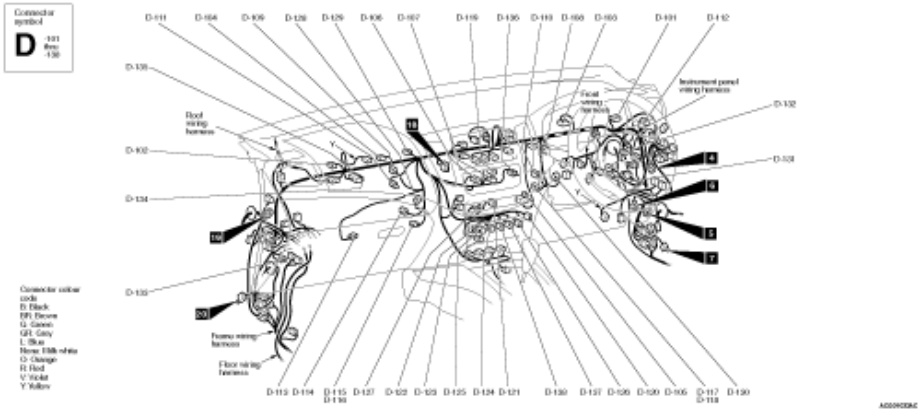


D-01	(22)	Instrument panel wiring harness and roof wiring harness combination
D-02	(22)	Instrument panel wiring harness and floor wiring harness combination
D-03	(18)	Front wiring harness and control wiring harness combination
D-04	(26)	Front wiring harness and instrument panel wiring harness combination
D-05	(14)	Instrument panel wiring harness and control wiring harness combination
D-09	(96-B)	Engine-ECU
D-11	(58-B)	Engine-ECU
D-13	(18)	Instrument panel wiring harness and floor wiring harness combination
D-14	(22)	Instrument panel wiring harness and floor wiring harness combination
D-15	(6-B)	Accelerator pedal

		position sensor
D-16	(4)	Stop lamp switch
D-17	(2-B)	Clutch switch
D-18	(2)	Clutch interlock switch
D-19	(3)	Spare connector (for trailer)
D-20	(18)	Instrument panel wiring harness and frame wiring harness combination
D-21	(18)	Front wiring harness and frame wiring harness combination
D-22	(26)	Instrument panel wiring harness and frame wiring harness combination
D-23	(26)	A/T-ECU
D-24	(24)	A/T-ECU
D-25	(22)	Front wiring harness and instrument panel wiring harness combination
D-26	(18)	Front wiring harness and instrument panel wiring harness combination
D-27	(4)	J/C (2)
D-28	(4-Y)	Instrument panel wiring harness and roof wiring harness combination

D-29	(5)	Stop lamp relay
D-30	(4)	Spare connector (for trailer)
D-33	(32)	AS&G-ECU
D-34	(10-GR)	DC/DC converter <Vehicles with AS&G system>

INSTRUMENT PANEL <RHD> (CONTINUED)



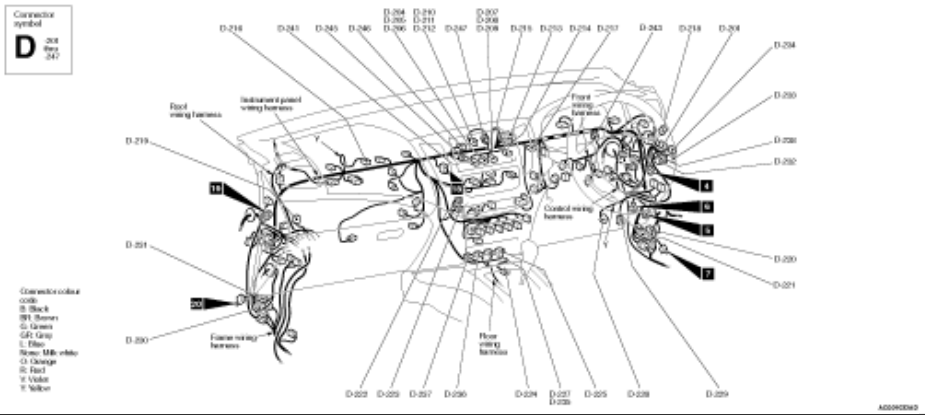
D-101	(4)	J/C (5)
D-102	(4)	J/C (6)
D-103	(24)	Combination meter
D-104	(22)	J/C (3)
D-105	(4)	IG2 relay <Vehicles with KOS>
D-106	(32-GR)	A/C-ECU <Vehicles with automatic air conditioner>
D-107	(10-G)	Heater controller assembly <Vehicles without automatic air conditioner>
D-108	(22)	J/C (4)
D-109	(6-B)	Outside/inside air selection damper control motor <Vehicles with automatic air conditioner>
D-110	(2)	Fin thermo sensor <Vehicles

		with air conditioner>
D-111	(2-B)	Grove box lamp
D-112	(22)	J/C (CAN2)
D-113	(2)	Blower motor
D-114	(28)	Hands free-ECU
D-115	(4)	A/C temperature control resistor <Vehicles without automatic air conditioner>
D-116	(4)	Power transistor <Vehicles with automatic air conditioner>
D-117	(6-B)	Air mixing damper control motor <Vehicles with single-zone automatic air conditioner>
D-118	(6-B)	Air mixing damper control motor (driver’s side) <Vehicles with dual-zone automatic air conditioner>
D-119	(7-BR)	Blower switch <Vehicles without automatic air conditioner>
D-120	(2)	Interior temperature sensor <Vehicles with automatic air conditioner>

D-121	(5)	Hazard lamp switch <Single cab>
D-122	(9)	Heated seat switch
D-123	(16)	Rear differential lock switch
D-124	(8)	AS&G off switch
D-125	(2)	Key slot <Vehicles with KOS>
D-126	(2)	Cigarette lighter
D-127	(22)	Hazard indicator assembly <Club cab, Double cab>
D-128	(6-B)	Air mixing damper control motor (front passenger's side) <Vehicles with dual-zone automatic air conditioner>
D-129	(6-B)	Mode selection damper control motor <Vehicles with automatic air conditioner>
D-130	(14)	DAB tuner
D-131	(24)	Transfer-ECU
D-132	(26)	Transfer-ECU
D-133	(22)	J/C (CAN1)
D-134	(4)	ACC relay <Vehicles with KOS>
D-135	(4)	IG1 relay <Vehicles with KOS>

D-136	(2)	Jumper connector <Vehicles with manual air conditioner>
D-137	(2)	No connection
D-138	(14-GR)	No connection

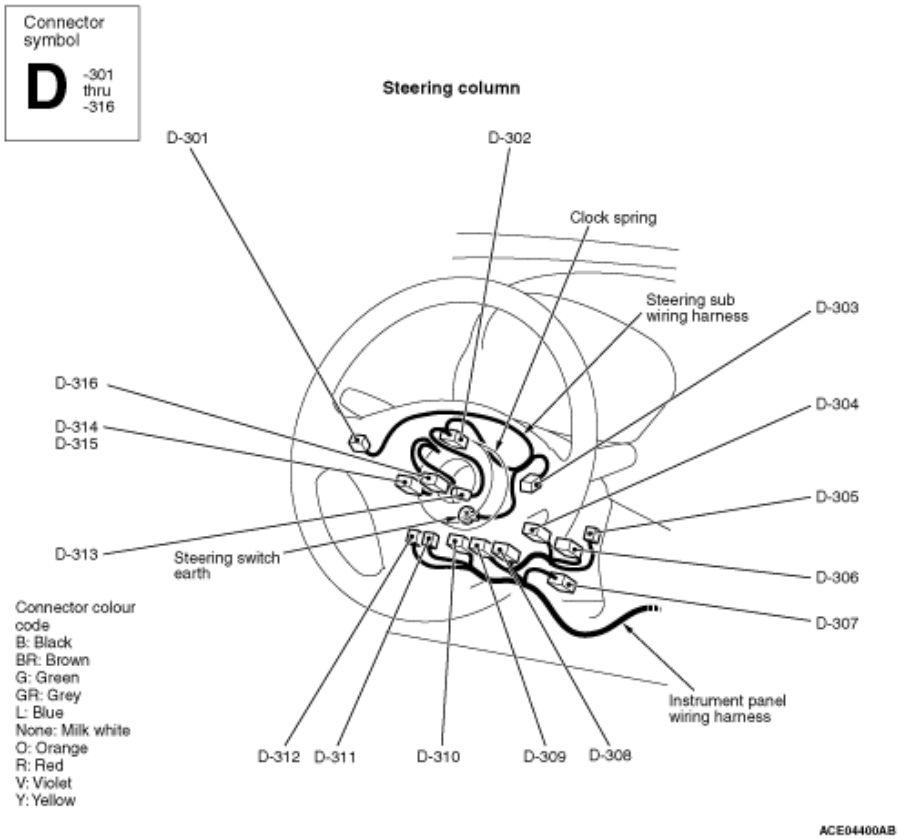
INSTRUMENT PANEL <RHD> (CONTINUED)



D-201	(10)	Engine switch <Vehicles with KOS>
D-204	(18)	Spare connector (for audio)
D-205	(18)	Radio and CD player <Vehicles without AUX>
D-206	(18)	Multivision display
D-207	(20)	Spare connector (for audio)
D-208	(20)	Radio and CD player
D-209	(20)	Multivision display
D-210	(8-GR)	Spare connector (for audio)
D-211	(8-GR)	Radio and CD player <Vehicles with display audio>
D-212	(8-GR)	Multivision display
D-213	(4)	J/C (7)
D-214	(4)	J/C (8)
D-215	(7-B)	Clock
D-216	(2-B)	Passenger’s (front) air bag module (squib)
D-217	(1)	Instrument panel wiring harness and antenna feeder cable combination
D-218	(10)	No connection
D-219	(2)	Passenger’s air bag cut off switch
D-220	(18)	Instrument panel wiring harness and front door wiring harness (RH)
D-221	(14)	Instrument panel wiring harness and front door wiring harness (RH)
D-222	(32-GR)	KOS&OSS-ECU

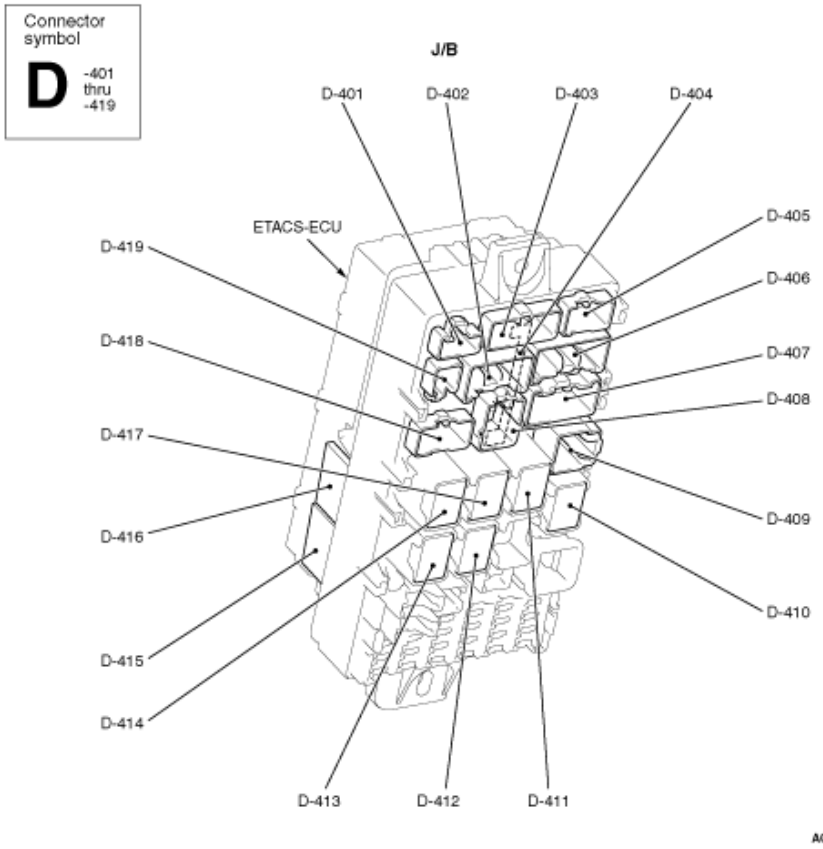
D-223	(16-GR)	KOS&OSS-ECU
D-224	(10)	Selector lever assembly <A/T>
D-225	(28-Y)	SRS-ECU <Vehicles without dual stage air bag>
D-227	(20-Y)	SRS-ECU <Vehicles without dual stage air bag>
D-228	(2-B)	Driver’s knee air bag module (squib)
D-229	(16-B)	Diagnosis connector
D-230	(18)	Instrument panel wiring harness and front door wiring harness (LH) combination
D-231	(14)	Instrument panel wiring harness and front door wiring harness (LH) combination
D-232	(5-L)	ASC OFF switch
D-233	(10-GR)	Headlamp manual levelling switch
D-234	(11)	Remote controlled mirror switch
D-235	(15-Y)	SRS-ECU <Vehicles with dual stage air bag>
D-236	(15-Y)	SRS-ECU <Vehicles with dual stage air bag>
D-237	(30-Y)	SRS-ECU <Vehicles with dual stage air bag>
D-238	(5-B)	LDW switch
D-241	(16-GR)	No connection
D-243	(22-B)	J/C (9)
D-245	(4)	J/C (10)
D-246	(4)	J/C (11)
D-247	(10)	No connection

INSTRUMENT PANEL <RHD> (CONTINUED)



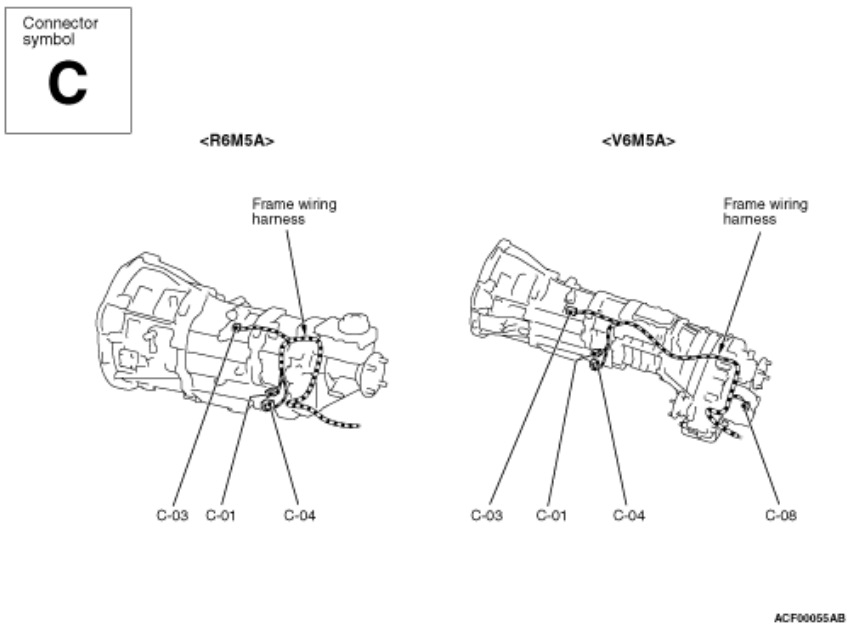
D-301	(4)	Steering wheel multi-function switch <Vehicles with 3-spoke steering wheel>
	(6)	Steering wheel multi-function switch <Vehicles with 4-spoke steering wheel>
D-302	(10)	Clock spring
D-303	(6)	Cruise control switch <Vehicles with 3-spoke steering wheel>
	(8)	Cruise control switch <Vehicles with 4-spoke steering wheel>
D-304	(2)	Key interlock solenoid <Vehicles without KOS (A/T)>
D-305	(6)	Ignition switch <Vehicles without KOS>
D-306	(7)	Key reminder switch <Vehicles without KOS>
D-307	(8)	Electric steering lock <Vehicles with KOS>
D-308	(5)	Column switch
D-309	(10)	Clock spring
D-310	(4-Y)	Clock spring
D-311	(3)	Paddle shift switch
D-312	(10)	Column switch
D-313	(1)	Horn switch
D-314	(2-O)	Driver’s air bag module (squib) <Vehicles without dual stage air bag>
D-315	(2-O)	Driver’s air bag module (squib) <Vehicles with dual stage air bag>
D-316	(2-B)	Driver’s air bag module (squib) <Vehicles with dual stage air bag>

INSTRUMENT PANEL <RHD> (CONTINUED)



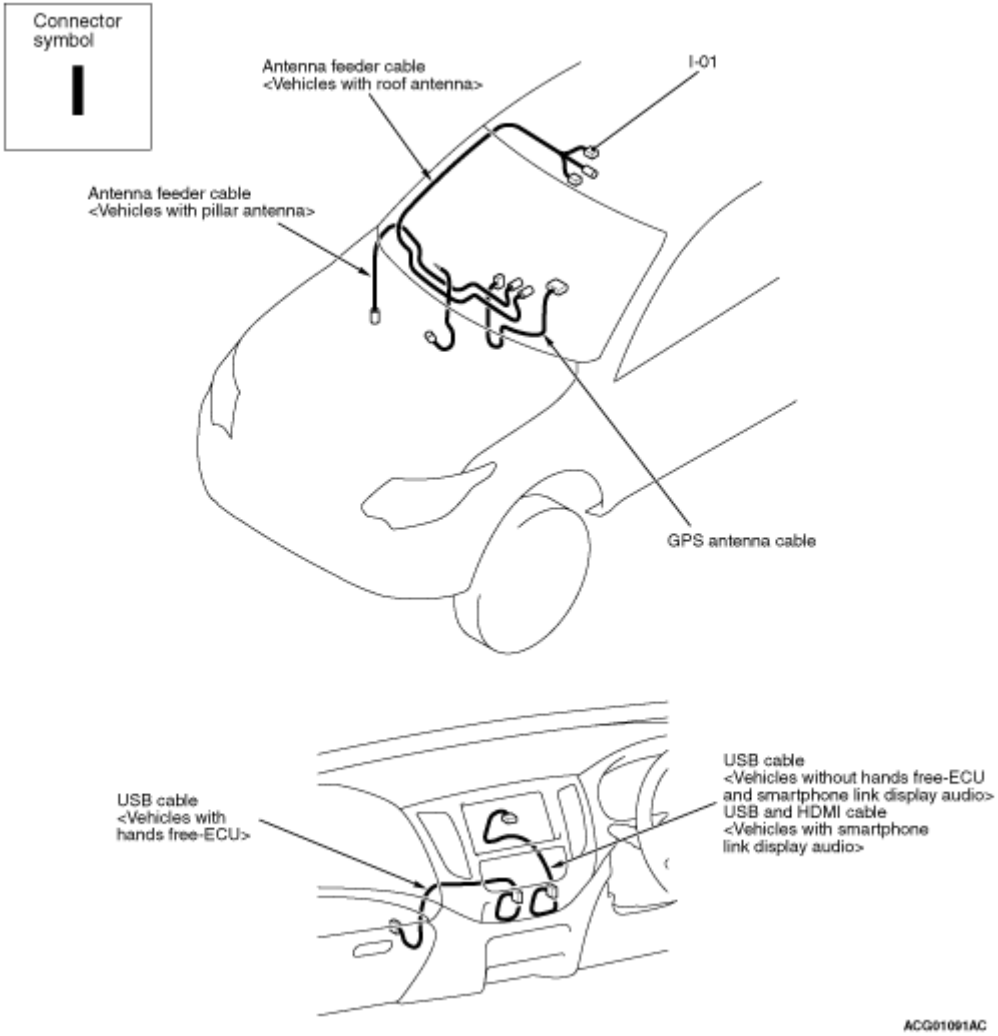
D-401	(4)	Roof wiring harness and J/B combination
D-402	(6)	Instrument panel wiring harness and J/B combination
D-403	(14)	Instrument panel wiring harness and J/B combination
D-404	(20)	ETACS-ECU
D-405	(8)	Instrument panel wiring harness and J/B combination
D-406	(13)	Front wiring harness and J/B combination
D-407	(10)	Front wiring harness and J/B combination
D-408	(4)	Floor wiring harness and J/B combination
D-409	(1)	Front wiring harness and J/B combination
D-410	(4)	No connection
D-411	(4)	Rear fog lamp relay
D-412	(4)	Rear window defogger relay
D-413	(4)	Blower relay
D-414	(4)	Heated seat relay
D-415	(24-GR)	ETACS-ECU
D-416	(24)	ETACS-ECU
D-417	(4)	Accessory socket relay
D-418	(10)	Frame wiring harness and J/B combination
D-419	(4)	No connection

TRANSMISSION <M/T>



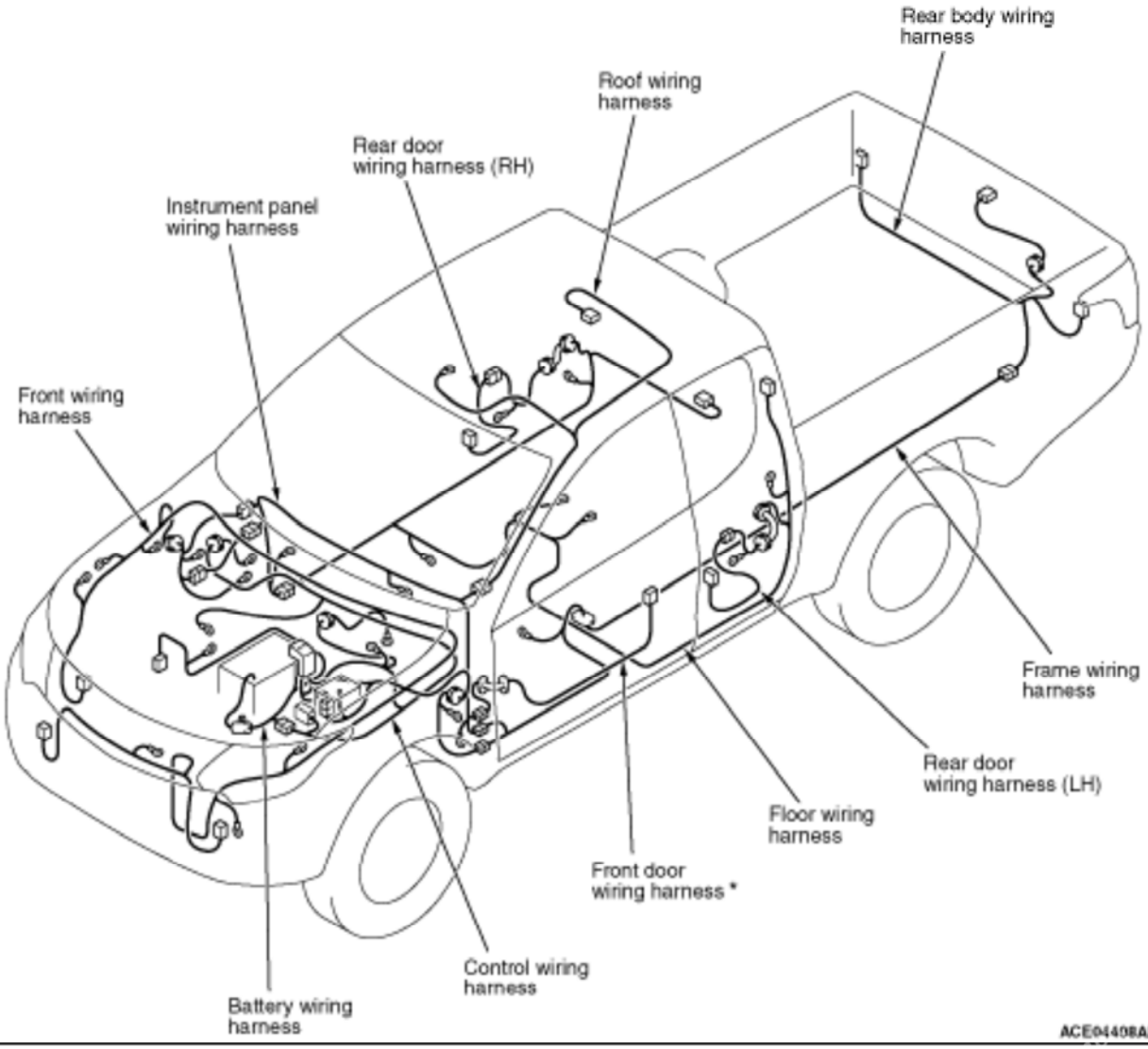
C-01	(2-B)	Back-up lamp switch
C-03	(2-B)	Neutral position switch <Vehicles with AS&G system>
C-04	(2-B)	M/T oil temperature sensor
C-08	(12-B)	Transfer actuator

MISCELLANEOUS <RHD>



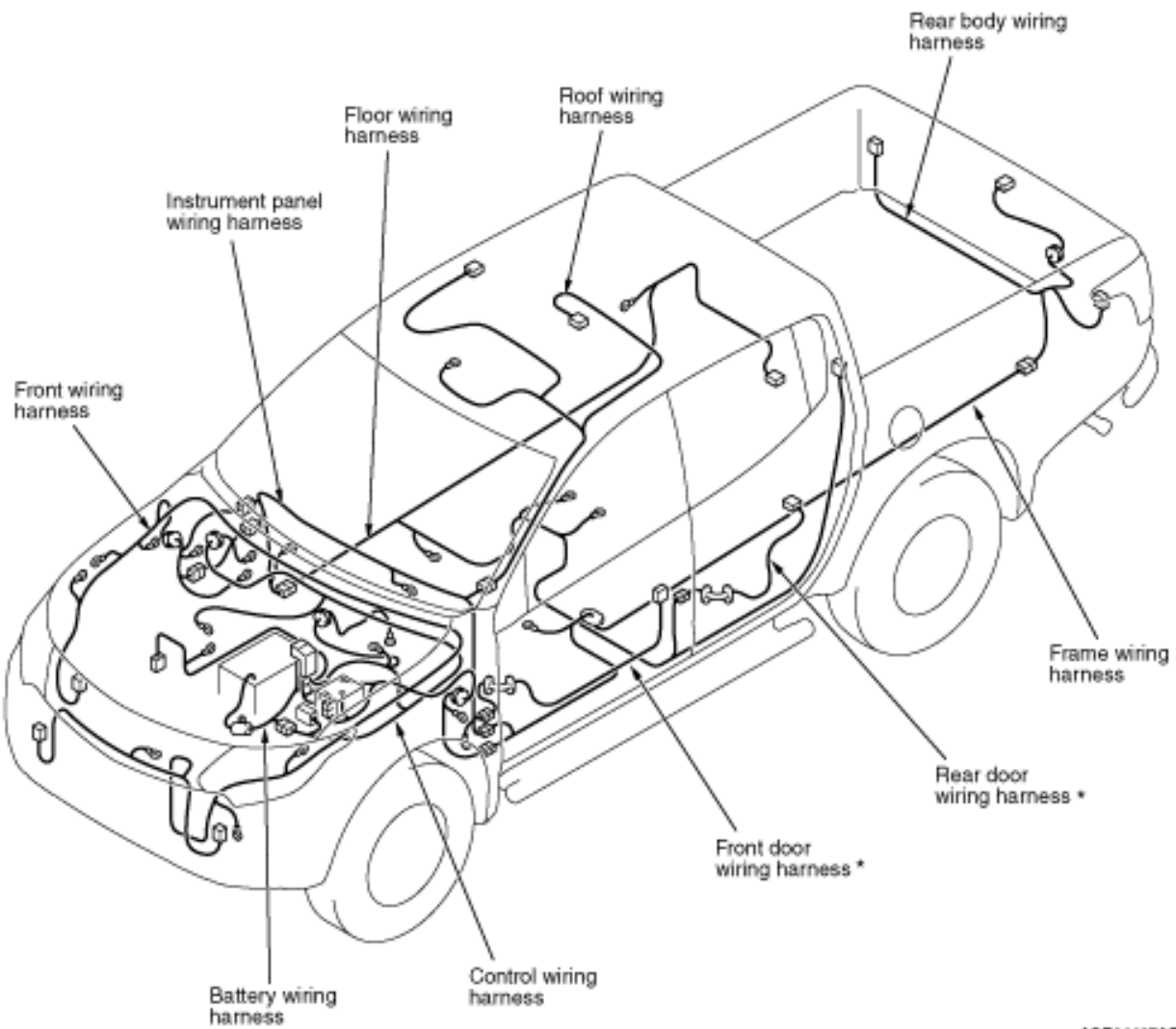
I-01	(1)	Antenna base <Vehicles with roof antenna>

OVERALL CONFIGURATION DIAGRAM <CLUB CAB>



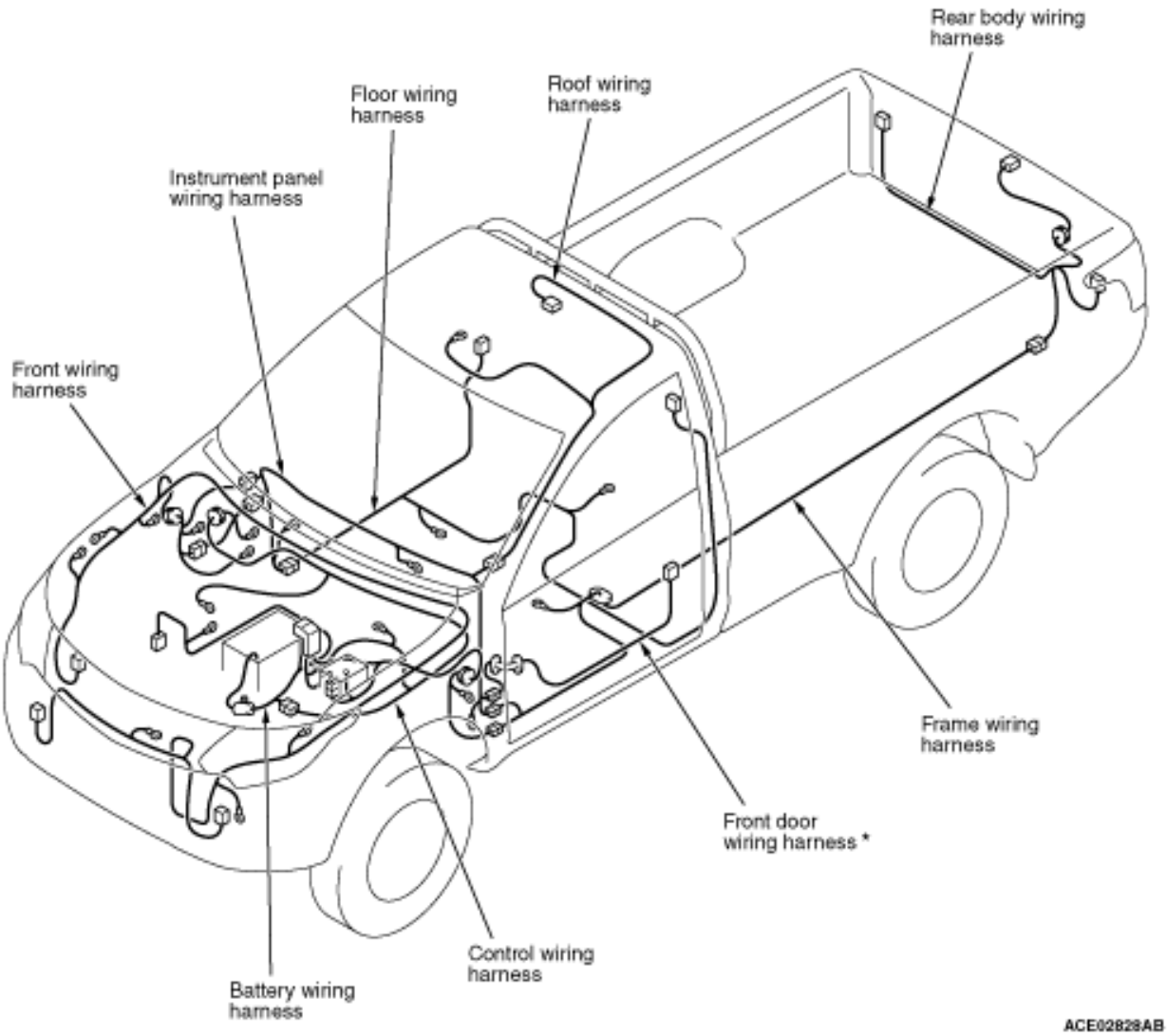
note	1. This illustration shows only major wiring harnesses. 2. *: also equipped at the right side.

OVERALL CONFIGURATION DIAGRAM <DOUBLE CAB>



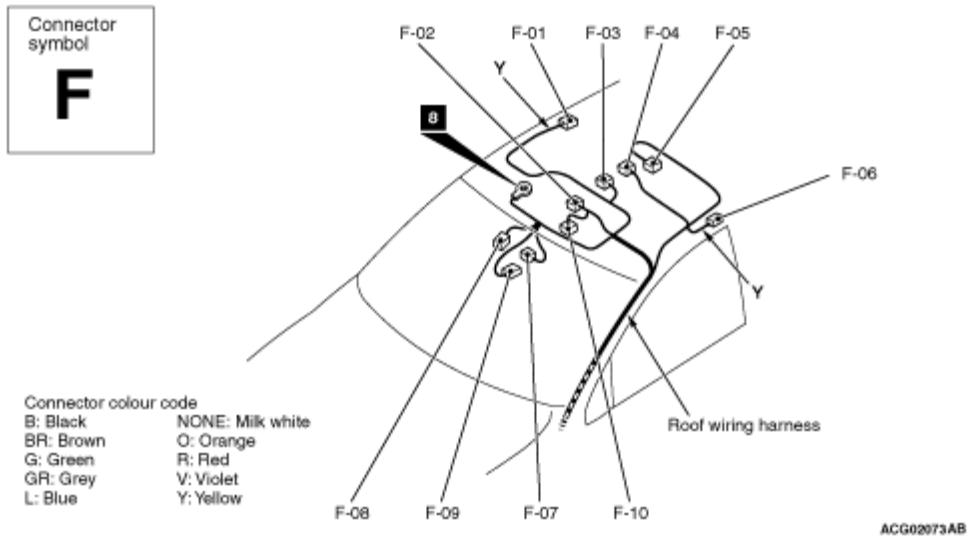
note	1. This illustration shows only major wiring harnesses. 2. *: also equipped at the right side.

OVERALL CONFIGURATION DIAGRAM <SINGLE CAB>



note	1. This illustration shows only major wiring harnesses. 2. *: also equipped at the right side.

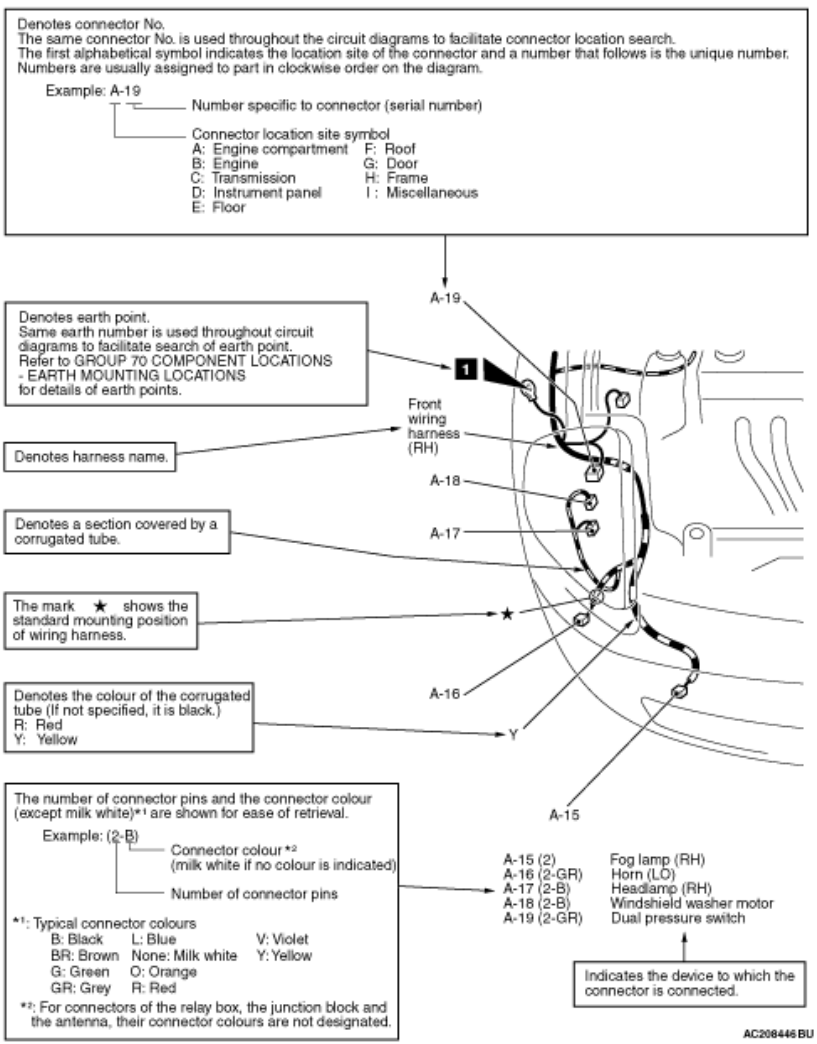
ROOF



F-01	(2-B)	Curtain air bag module (squib) (RH)
F-02	(2)	Front room lamp
F-03	(3)	Microphone unit
F-04	(2)	Rear room lamp <Single cab>
F-05	(2-GR)	Rear room lamp <Double cab, Club cab>
F-06	(2-B)	Curtain air bag module (squib) (LH)
F-07	(4)	Lighting control sensor
F-08	(4-B)	LDW-ECU
F-09	(7-B)	Inside rear view mirror assembly
F-10	(14)	Emergency call switch <Vehicles with ERA-GLONASS>

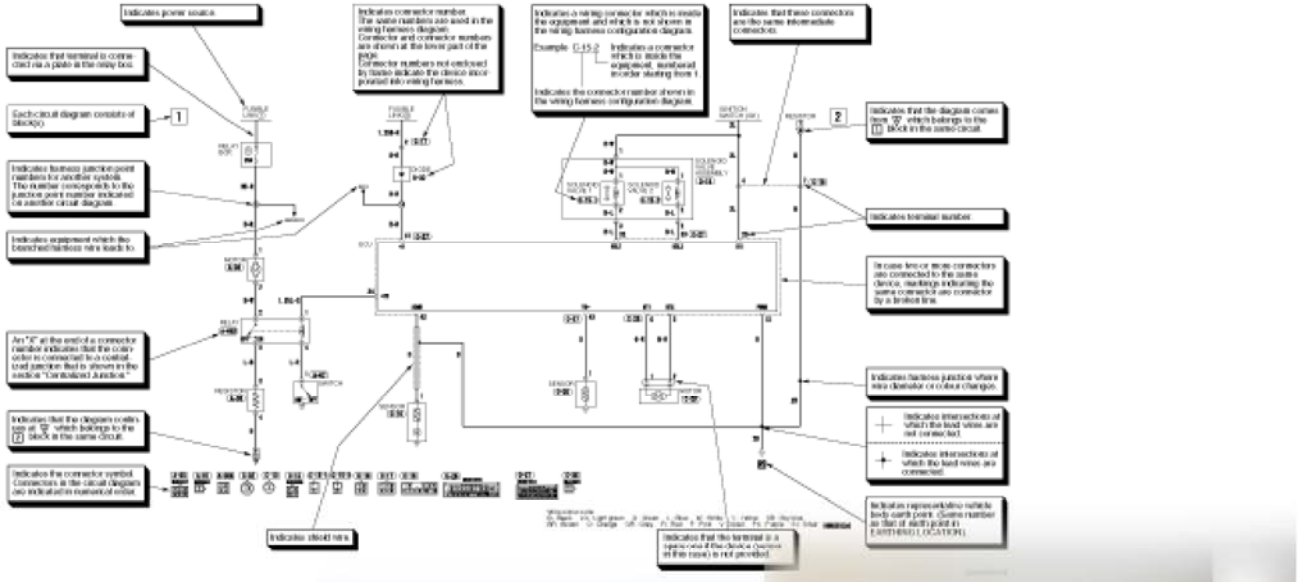
HOW TO READ CONFIGURATION DIAGRAMS

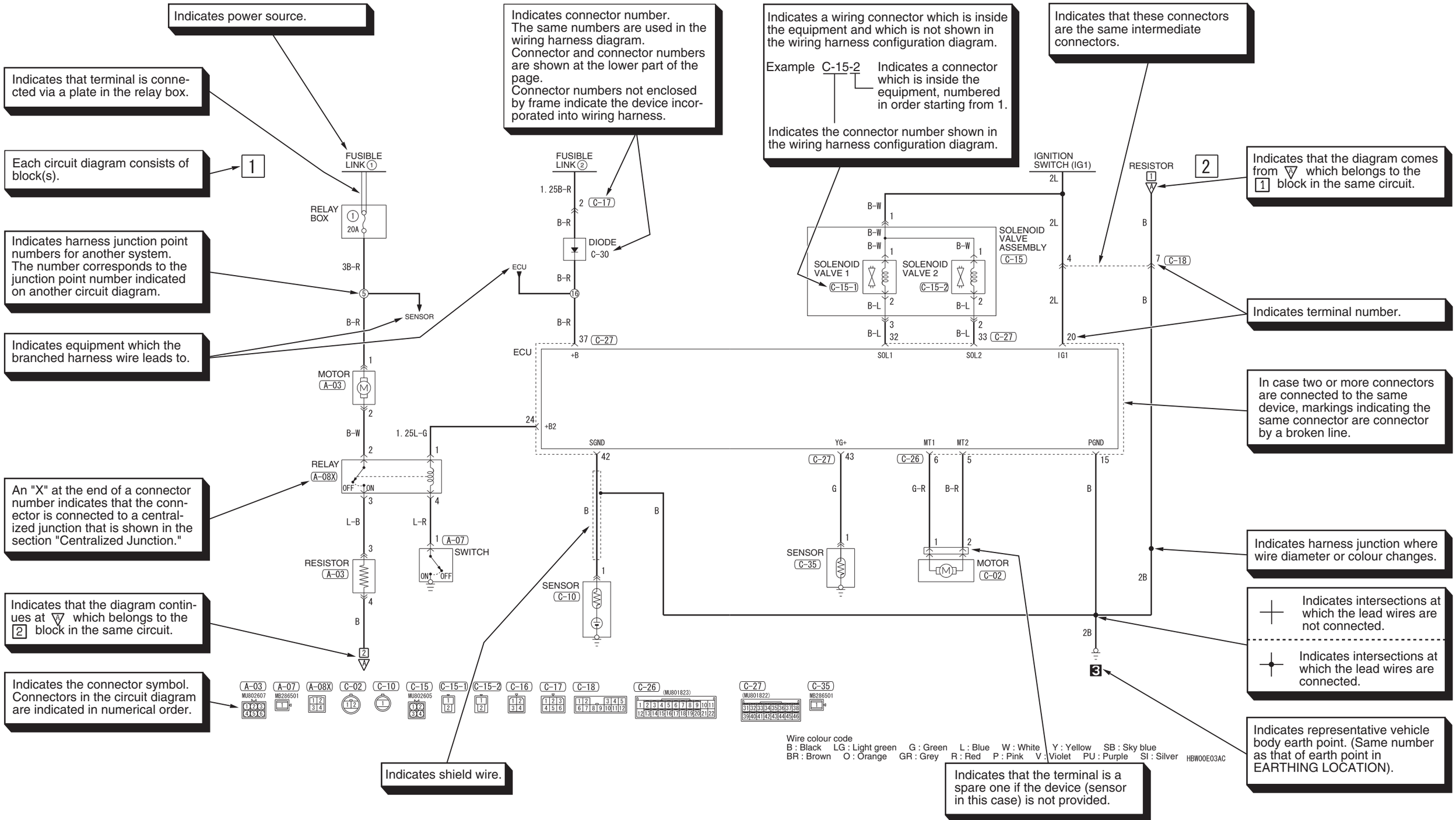
The wiring harness diagrams clearly show the connector locations and harness routings at each site on actual vehicles.



HOW TO READ CIRCUIT DIAGRAMS

The circuit of each system from the fuse (or fusible link) to earth is shown. The power source is shown at the top and the earth at the bottom to facilitate understanding of how the current flows. The circuit diagrams show the state when switches are not operated.



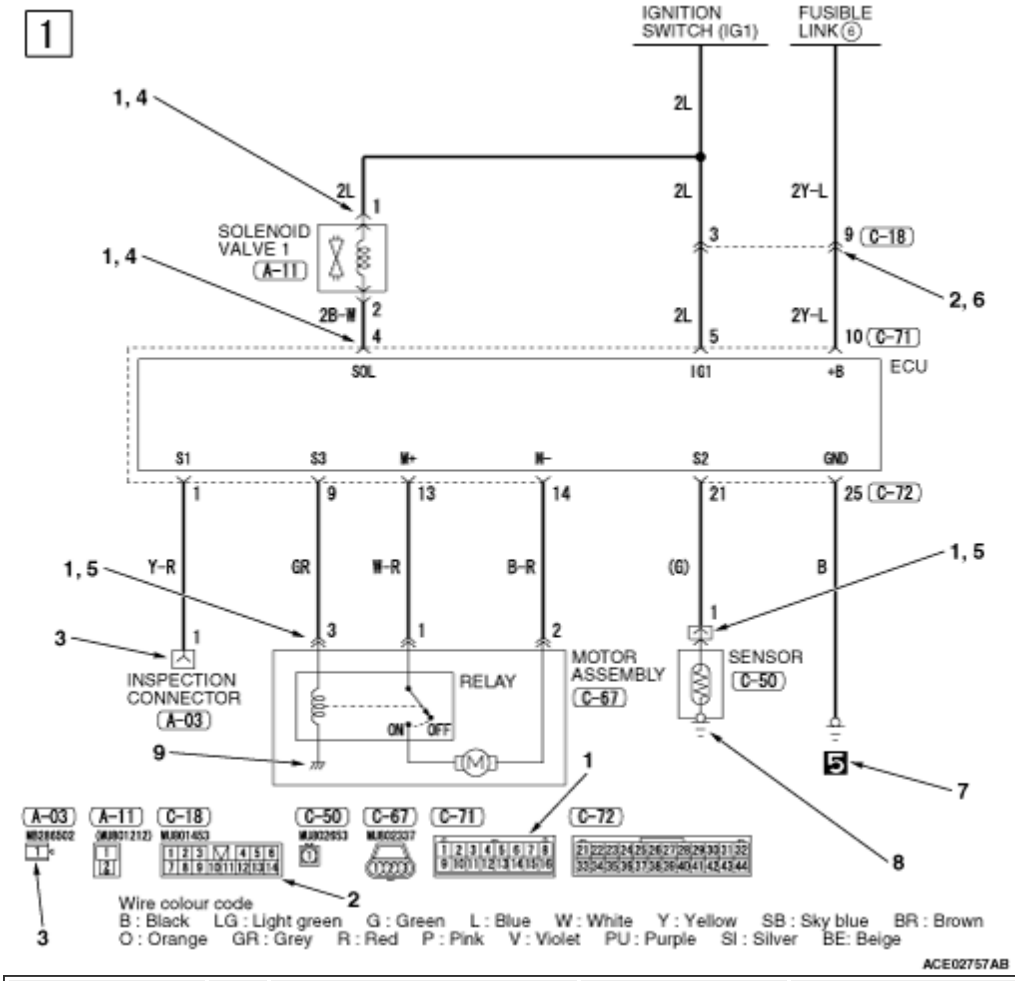

Indicates power source.
Indicates that terminal is connected via a plate in the relay box.
Each circuit diagram consists of block(s).
1
Indicates harness junction point numbers for another system. The number corresponds to the junction point number indicated on another circuit diagram.
Indicates equipment which the branched harness wire leads to.
An "X" at the end of a connector number indicates that the connector is connected to a centralized junction that is shown in the section "Centralized Junction."
Indicates that the diagram continues at ▽A which belongs to the 2 block in the same circuit.
Indicates the connector symbol. Connectors in the circuit diagram are indicated in numerical order.
Indicates connector number. The same numbers are used in the wiring harness diagram. Connector and connector numbers are shown at the lower part of the page. Connector numbers not enclosed by frame indicate the device incorporated into wiring harness.
Indicates a wiring connector which is inside the equipment and which is not shown in the wiring harness configuration diagram.
Example C-15-2
Indicates a connector which is inside the equipment, numbered in order starting from 1.
Indicates the connector number shown in the wiring harness configuration diagram.
Indicates that these connectors are the same intermediate connectors.
Indicates that the diagram comes from ▽A which belongs to the 1 block in the same circuit.
Indicates terminal number.
In case two or more connectors are connected to the same device, markings indicating the same connector are connector by a broken line.
Indicates harness junction where wire diameter or colour changes.
Indicates intersections at which the lead wires are not connected.
Indicates intersections at which the lead wires are connected.
Indicates representative vehicle body earth point. (Same number as that of earth point in EARTHING LOCATION).
Indicates shield wire.
Indicates that the terminal is a spare one if the device (sensor in this case) is not provided.
FUSIBLE LINK ①
FUSIBLE LINK ②
RELAY BOX
20A
1. 25B-R
2
C-17
B-R
DIODE
C-30
3B-R
5
ECU
B-R
16
SENSOR
B-R
37
C-27
ECU
+B
MOTOR
A-03
1
2
B-W
1. 25L-G
24
+B2
RELAY
A-08X
OFF
ON
3
4
L-B
L-R
RESISTOR
A-03
1
A-07
SWITCH
ON
OFF
4
B
2
A
SENSOR
C-10
B
B
SGND
42
YG+
C-27
43
G
SENSOR
C-35
1
MT1
MT2
C-26
6
5
G-R
B-R
1
2
MOTOR
C-02
PGND
15
B
2B
2B
3
IGNITION SWITCH (IG1)
2L
B-W
1
B-W
B-W
1
B-W
1
SOLENOID VALVE ASSEMBLY
C-15
SOLENOID VALVE 1
C-15-1
SOLENOID VALVE 2
C-15-2
2
B-L
B-L
2
3
32
B-L
2
33
C-27
SOL1
SOL2
IG1
20
2L
4
2L
2L
RESISTOR
1
2
B
7
C-18
B
A-03
MU802607
A-07
MB286501
A-08X
C-02
C-10
C-15
MU802605
C-15-1
C-15-2
C-16
C-17
C-18
C-26
(MU801823)
C-27
(MU801822)
C-35
MB286501
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue
BR : Brown O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver
HBW00E03AC
ACA00087AB

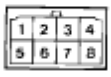
COMPOSITION AND CONTENTS OF WIRING DIAGRAMS

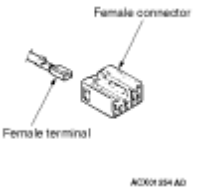
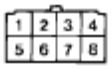
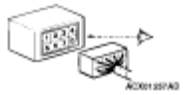
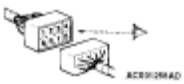
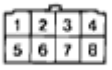
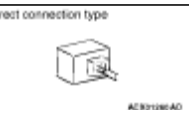
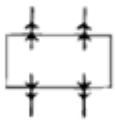
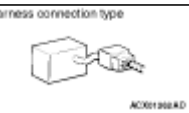
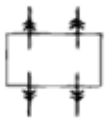
In each section, all specifications are listed, including optional specifications. Accordingly, some specifications may not be applicable for individual vehicles.

Section	Basic contents
Component locations	Locations are shown for each point of inspection connectors, fusible links, fuses, earth cable, earth etc. In the part's lists, parts are listed in alphabetical order.
Configuration diagrams	Connector locations and harness wiring configurations on actual vehicles are illustrated.
Circuit diagrams	Circuits from power source to earth are shown completely, classified according to system. There is a main division into power source circuits and circuits classified by system. • Junction block (J/B) The entire circuit for the junction block is described, because only the part of the junction block needed is normally shown in each circuit diagram. • Joint connectors (J/C) The internal circuits for all joint connectors are described, because only the part needed is shown in each circuit diagram. • Power source circuits Circuits from the battery to fusible link, fuse, ignition switch, etc. are shown. • Circuits classified by system For each system, the circuits are shown from fuse to earth, excluding the power source sections.

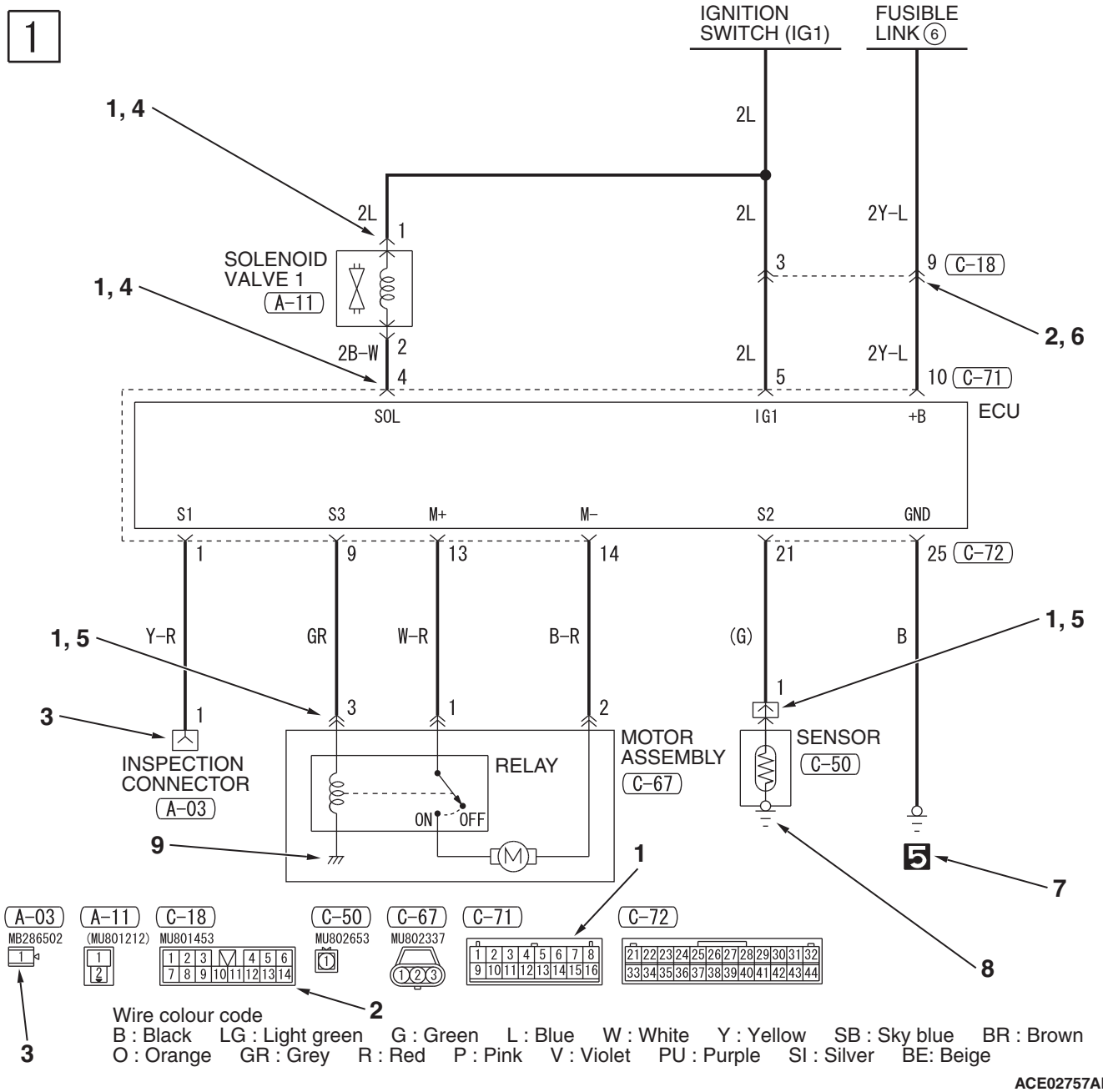
MARKINGS FOR CONNECTOR AND EARTHING



Item	No.	Connector/Earthing	Symbol	Contents
Connector and terminal marking	-		Male terminal  ACX01252AD	The male and female terminals are indicated as shown. The connector with male terminal(s) is called as male connector and indicated by two connector contour lines, while the connector with female terminal(s) is called as female connector and indicated by single connector contour line.
			Male connector  ACX01253 AI	

			Female terminal  ACX01255AD Female connector  ACX01256AH	
Connector symbol marking	1		 ACX01253	The symbol indicates the connector is viewed as shown. At a device connection, the connector symbol on the device side is shown. For an intermediate connector, the male connector symbol is shown. For spare connectors and check connectors, no device is connected, and so the harness-side connector symbol is shown for these connectors. However, a diagnosis connector is exceptional.
	2			
	3		 ACX01256	
Connector connection marking	4		 ACX01261	Connection between a device and the harness is either by direct insertion in the device (direct connection type) or by connection with a harness connector furnished on the device side (harness connection type). The two types are indicated as illustrated.
	5		 ACX01263	
	6		 ACX01265	
Earth marking	7			

		Body earth 	 ACX01274	Earthing is either by body earth, device earth or control unit interior earth. These are indicated as illustrated.
	8	Device earth 	 ACX01276	
	9	Earth in control unit 	 ACX01278	


1
IGNITION SWITCH (IG1)
FUSIBLE LINK 6
1, 4
2L
2L
2Y-L
SOLENOID VALVE 1
A-11
1
3
9
C-18
2, 6
1, 4
2B-W
2
2L
2Y-L
4
5
10
C-71
SOL
IG1
+B
ECU
S1
S3
M+
M-
S2
GND
1
9
13
14
21
25
C-72
1, 5
Y-R
GR
W-R
B-R
(G)
B
1, 5
3
1
3
1
2
1
INSPECTION CONNECTOR
A-03
RELAY
ON
OFF
MOTOR ASSEMBLY
C-67
SENSOR
C-50
9
1
5
7
8
A-03
MB286502
A-11
(MU801212)
C-18
MU801453
C-50
MU802653
C-67
MU802337
C-71
C-72
2
3
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE: Beige
ACE02757AB

ABBREVIATION SYMBOLS

The abbreviation symbols used in wiring diagrams are defined below.

1. FOR SYSTEM NAME

Abbreviation symbol	Meaning	Abbreviation symbol	Meaning
4WD	4 wheel-drive vehicles	J/B	Junction block
ASTC	Active stability and traction control system	J/C	Joint connector
A/T	Automatic transmission	MMCS	Mitsubishi multi-communication system
CAN	Controller area network	PTC	Positive temperature coefficient

2. FOR COMBINATION METER

Abbreviation symbol	Meaning	Abbreviation symbol	Meaning
2WD/4WD	4WD indicator lamp <Easy select 4WD>	FRONT WHEEL: LH/RH	Front wheel indicator lamp
4L	4L indicator lamp	FROST	Frozen road warning
ABS	ABS warning lamp	FUEL FILTER	Fuel filter indicator lamp
ASTC	ASTC indicator lamp	FUEL WARNING	Fuel remaining warning display
ASTC OFF	ASTC OFF indicator lamp	GLOW	Diesel preheat indicator lamp
AS&G	Auto stop & Go (AS&G) system indicator lamp	KOS	Keyless operation system indicator lamp
AS&G OFF	Auto sop & Go (AS&G) system OFF indicator lamp	LCD	Liquid crystal display
A/T TEMP	ATF temperature warning lamp	LDW ON	LDW system ON indicator lamp
BEAM	High-beam indicator lamp	LDW STANDBY	LDW standby indicator lamp

BRAKE	Brake warning lamp	LIMIT	Speed limiter display screen
C/D LOCK	Centre differential lock indicator lamp	ODO/TRIP	Odometer/Tripmeter
CHECK ENGINE	Check engine warning lamp	OIL PRESSURE	Oil pressure warning lamp
CHG	Charging warning lamp	POSITION	Position lamp indicator lamp
CRUISE	Cruise control indicator lamp	REAR DIFF LOCK	Rear differential lock indicator lamp
DOOR	Door-ajar warning lamp	REAR FOG	Rear fog lamp indicator lamp
DPF	Diesel particulate filter (DPF) warning lamp	REAR WHEEL: LH/RH	Rear wheel indicator lamp
DRIVER'S SEAT BELT	Driver's seat belt warning lamp	SPEED	Speedometer
ESL/SECURITY	Immobilizer warning lamp	SRS	SRS warning lamp
F/GA	Fuel remaining display	TACHO	Tachometer
FRONT FOG	Front fog lamp indicator lamp	TURN (LH)/TURN (RH)	Turn-signal indicator lamp, hazard warning indicator lamp

3. FOR SWITCHES AND RELAYS

Name of switches and relays	**Abbreviation symbol**	**Operation**
Blower switch	1	Blower operates at low speed
	2	Blower operates at medium low speed
	3	Blower operates at medium high speed
	4	Blower operates at high speed
Cruise control switch	SPEED LIMITER ON/OFF	Speed limiter ON or OFF
	CRUISE ON/OFF	Cruise control system ON or OFF
	CANCEL	Cancel the driving at a constant speed
	RES +	Set the vehicle speed
	SET -	
Dimmer / passing switch	LO	Low beam ON
	HI	High beam ON
	PASS	High beam ON
Door lock actuator	LOCK	Door lock
	UNLOCK	Door unlock

Headlamp manual levelling switch		0, 1, 2, 3, 4	Lower the optical axis of the headlamp (LO) in steps at each position
Ignition switch		LOCK	When turned to the LOCK position, no circuits will start
		ACC	When turned to the ACC (ACCESSORY) or ON position, the power circuit will start
		IG2	When at the ST (START) position, the power circuit will not start functioning
		IG1	Even when at the ST (START) position, the power circuit will start
		ST	Only when turned to the ST (START) position, the power circuit will start
Inhibitor switch		P	Selector lever is at the P (PARKING) position
		R	Selector lever is at the R (REVERSE) position
		N	Selector lever is at the N (NEUTRAL) position
		D	Selector lever is at the D (DRIVE) position
Lighting switch		AUTO	Headlamps or tail lamps automatically illuminate by sensing ambient brightness
		HEAD	Headlamps ON
		TAIL	Tail, position, licence plate and illumination lamps ON
		FOG	Fog lamps (front fog lamp or rear fog lamp) ON
Others (switch or relay)		ON	Switched ON or relay ON
		OFF	Switched OFF or relay OFF
Paddle shift switch		UP	Upshift by one gear
		DOWN	Downshift by one gear
Power seat switch	Front height	UP	Front part of seat cushion is tilted up
		DOWN	Front part of seat cushion is tilted down
	Rear height	UP	Rear part of seat cushion is tilted up
		DOWN	Rear part of seat cushion is tilted down
	Slide	FR	Seat is moved forward
		RR	Seat is moved backward
	Reclining	FR	Seat back is stood upright
		RR	Seat back is leaned backward
Power window lock switch		LOCK	

		Prevents all switches other than the main switch from operating the power windows
	UNLOCK	Every switch can open or close the respective window
Power window switch	UP	Window closes
	DOWN	Window opens
	AUTO UP	Window easily closes with one action
	AUTO DOWN	Window easily opens with one action
Remote controlled mirror switch (right/left changeover switch)	LH	LH mirror operates
	RH	RH mirror operates
Room lamp	DOOR	Room lamp ON when a door is open
Select switch	SPORT MODE	Change the gear manually
	AUTO MODE	Change the gear automatically
Shift switch	UP	Upshift by one gear in sport mode
	DOWN	Downshift by one gear in sport mode
Steering wheel multi-function switch	MODE	Switches the mode
	CH UP	Changes the radio frequency or the music number in the CD
	CH DOWN	
	VOL UP	Increases the sound volume
	VOL DOWN	Decreases the sound volume
	ON HOOK	On hook the phone
	OFF HOOK	Off hook the phone
	SPEECH	Switches to the speech recognition mode
Turn-signal switch	LH	LH turn-signal lamps ON
	RH	RH turn-signal lamps ON
Windshield intermittent wiper interval adjusting knob	SLOW	Lengthen pause time for intermittent operation
	FAST	Shorten pause time for intermittent operation
Windshield rain sensitive wiper function adjusting knob	-	Lowers the sensitivity of the lighting control sensor to the amount of rainfall.
	+	Raises the sensitivity of the lighting control sensor to the amount of rainfall.
Windshield wiper switch	AUTO	The windshield wiper operates depending on the amount of rainfall.
	MIST	Wiper operates once
	INT	Wiper operates intermittently
	LO	Wiper operates at low speed

	HI	Wiper operates at high speed

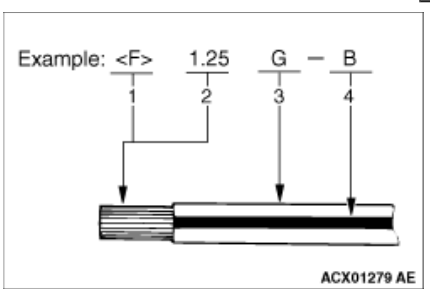
4. FOR OTHERS

Abbreviation symbol	Meaning	Abbreviation symbol	Meaning
2WD	Front wheel-drive vehicle	IG	Ignition
A/C	Air conditioner	ILL	Illumination lamp
AUX	Auxiliary audio connector (mini-jack)	IND	Indicator lamp
CPU	Central processing unit	KOS	Keyless operation system
DAB	Digital audio broadcast	LH	Left hand
DC	Direct current	LHD	Left hand drive vehicles
ECU	Electronic control unit	LO	Low
ETACS	Electronic time and alarm control system	M/T	Manual transmission
FET	Field-effect transistor	RH	Right hand
GPS	Global positioning system	RHD	Right hand drive vehicles
HI	High	UHF	Ultrahigh frequency
IC	Integrated circuit	USB	Universal serial bus

WIRE COLOUR CODE

Wire colours are identified by the following colour codes.

Code	Wire colour	Code	Wire colour	Code	Wire colour	Code	Wire colour
B	Black	GR	Grey	P	Pink	SI	Silver
BE	Beige	L	Blue	PU	Purple	V	Violet
BR	Brown	LG	Light green	R	Red	W	White
G	Green	O	Orange	SB	Sky blue	Y	Yellow



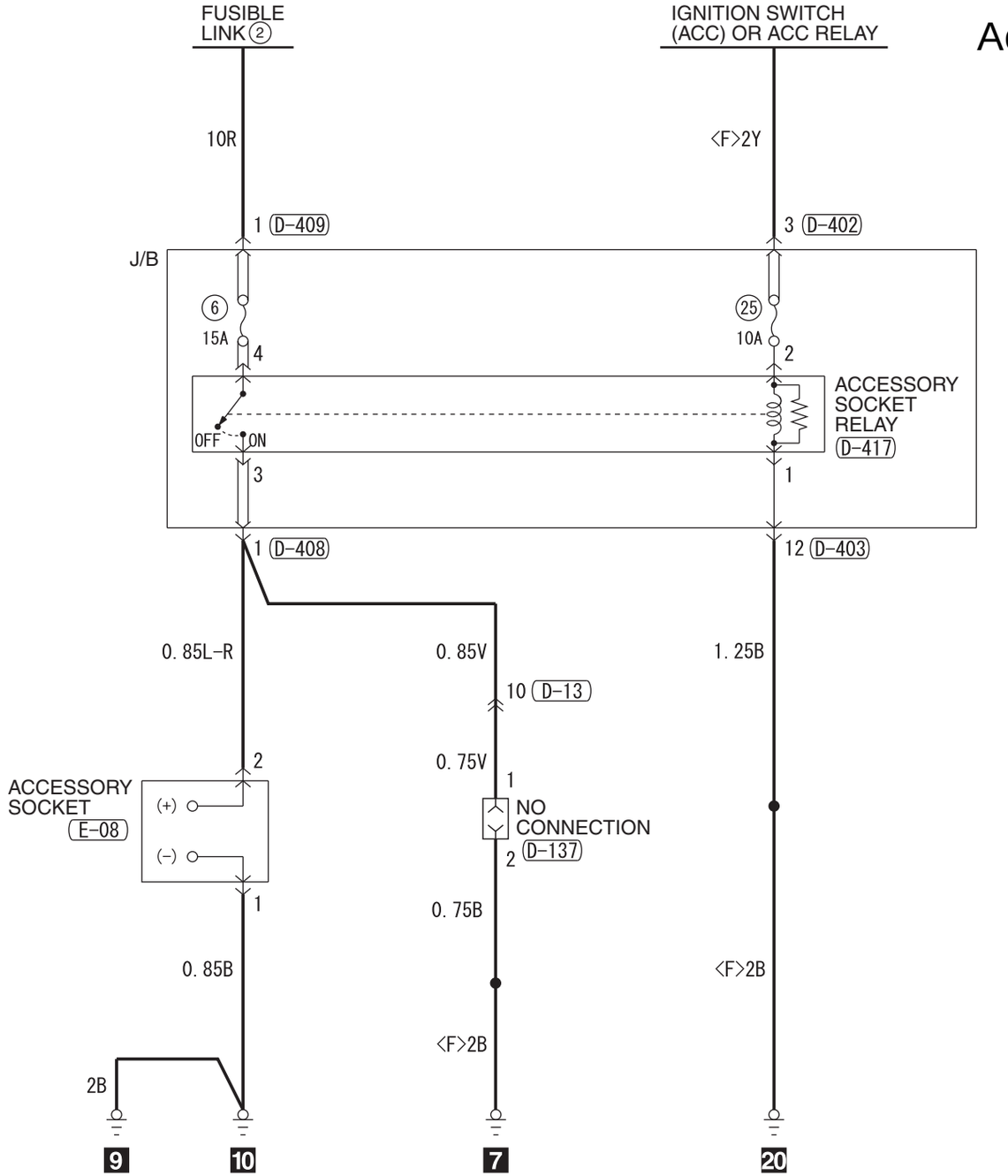
If a cable has two colours, the first of the two colour code characters indicates the basic colour (colour of the cable coating) and the second indicates the marking colour.

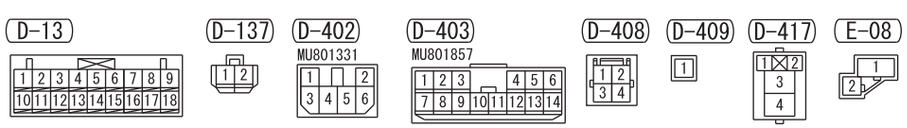
No.	Meaning
1	<F>: Flexible wire
	<T>: Twisted wire
2	Wire size (mm^2)*
3	Basic colour (colour of the cable coating)
4	Marking colour

note	*: No code indicates 0.5 mm^2. Cable colour code in parentheses indicates 0.3 mm^2.

1

Accessory socket





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC14E10AC

Active stability & traction control system (ASTC)

1

2

FUSIBLE LINK (SBF2)

FUSIBLE LINK (4)

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 (D-402)

J/B

15

10A

21

7.5A

ETACS-ECU (TAIL LAMP RELAY)

7

7.5A

·A/C-ECU
·AS&G OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·EMERGENCY CALL SWITCH
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·HAZARD WARNING LAMP SWITCH <RHD>
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL MULTI-FUNCTION SWITCH

8 (D-406)

6 (D-405)

2 (D-403)

1 (D-405)

(W-B)

3 A

·FUEL FILTER PRESSURE SWITCH
·SPARE CONNECTOR (FOR TRAILER)

L

SB

0.35G

0.35LG

5

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·TRANSFER-ECU

0.35L

0.35L

6 8 D

13 (D-22)

M/T

A/T

L-Y

2

BACK-UP LAMP SWITCH (C-01)

ON

OFF

1

L-Y

3

INHIBITOR SWITCH (C-10)

D

N

R

P

R-G

4

A/T-ECU

0.35LG

3

ASC OFF SWITCH (D-232)

ILL

5

ON

OFF

0.35B

2

COLUMN SWITCH (D-308)

(IG)

STEERING WHEEL SENSOR

(CANL)

(CANH)

(GND)

4

3

5

<T>0.35G

<T>0.35W

0.35B

6 8 B

6 8 C

7

4 (H-09)

R-G

11 (D-22)

REAR COMBINATION LAMP (BACK-UP)

(V-W)

5 7 E

·INSIDE REAR VIEW MIRROR ASSEMBLY
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

4

(L-W)

LDW SWITCH

4

J/C(3) (D-104)

11

0.35L

COMBINATION METER (PWM)

W

5 (D-04)

0.35BE

30

SWON

<F>2B

20 7 <LHD><RHD>

<F>2L

5R

(W-B)

25

1

2

ASTC-ECU (A-02)

+BV

+BM

IG1

(A-02) (C-01) MU802601 (C-10) (D-04)

(D-22) (D-104) (D-232) (D-308) (D-402) MU801331 (D-403) MU801857

(D-405) MU801839 (D-406) MU801855 (H-09) MU802609

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E03AC

3

FUSIBLE LINK (5)

<F>15W

1 (A-119)

RELAY BOX

F12

15A

1.25G

1.25G

2

STOP LAMP SWITCH (D-16)

OFF ON

1

1.25W-B

1.25W-B

2 4 1

STOP LAMP RELAY (D-29)

OFF ON

3 5

1.25W-B

13 (D-26)

(LG-B) *1
LG-B *2

KOS & OSS-ECU

5 7

F

7 (D-21)

0.85L-O

·HIGH-MOUNTED STOP LAMP
·REAR COMBINATION LAMP (STOP)

J/B (FUSE (15))

1

A

(W-B)

W *1
W-B *2

NOTE
*1 : LHD
*2 : RHD

HYDRAULIC UNIT

SOLENOID VALVE

MOTOR

MASTER CYLINDER PRESSURE SENSOR

ASTC-ECU (A-02)

STP2 9 W *1 W-B *2

ASTP 37 BE

STP 28 W-B

CANL 4 <T> 0.35W

CANH 16 <T> 0.35LG

GND2 13 3B

GND1 38 <F>2B

6 8 G

6 8 H

FRONT WHEEL SPEED SENSOR

(LH) A-22

1 2

<T> (G-W)

<T> (R-B)

20 FL+

21 FL-

(RH) A-31

1 2

<T> (GR-B)

<T> (L-W)

32 FR+

33 FR-

G AND YAW RATE SENSOR

RL+ 34 <T> 0.35P

RL- 35 <T> 0.35G

RR+ 22 <T> 0.35BE

RR- 23 <T> 0.35Y

6 5 4 3 D-21

<T> (Y-L)

<T> (GR-L)

<T> (Y-R)

<T> (GR-R)

4 2 3 1 H-29

1 2 1 2

(LH) H-10

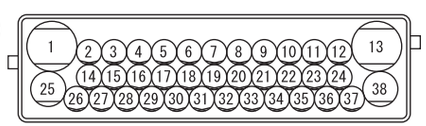
(RH) H-13

REAR WHEEL SPEED SENSOR

4

4

A-02



A-22 MU802333



A-31 MU802333



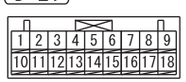
A-119



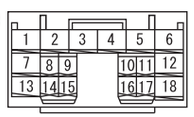
D-16 MU801491



D-21



D-26



D-29



H-10 MU802602



H-13 MU802662



H-29 MU802605



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E03BC

5

<LHD>

6

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

INPUT SIGNAL

INHIBITOR SWITCH

A/T-ECU (D-24)

CANL

CANH

16

24

<T> (B-W)

<T> (R)

13

14 (D-20)

<T>0.35G

<T>0.35P

BACK-UP LAMP SWITCH OR INHIBITOR SWITCH

STOP LAMP SWITCH

2 E

3 F

(V-W)

(LG-B)

31 (D-416)

72

ETACS-ECU

(BACK)

(BKLP)

(CANL)

(CANH)

65

56 (D-415)

<T>0.35G

<T>0.35W

COLUMN SWITCH

1 B

1 C

ENGINE-ECU (D-11)

(CANL)

(CANH)

109

108

<T>0.35BR

<T>0.35Y

<T>0.35W

<T>0.35LG

11

12

20

21 (D-04)

<T>0.35G

<T>0.35P

<T>0.35L

<T>0.35GR

21

10

16

5

J/C (CAN2) (D-112)

20

9

<T>0.35G

<T>0.35W

<T>0.35L

<T>0.35SB

ASTC-ECU

4 G

4 H

J/B (FUSE (15))

1 D

0.35L

12

1

22

11

17

6

18

7

J/C (CAN1) (D-133)

21

10

15

4

13

2

<T> (L-W)

<T> (BR-W)

<T>0.35G

<T>0.35SB

<T>0.35Y

<T>0.35BE

16

14

6

55

56

15

14

2

DIAGNOSIS CONNECTOR (D-229)

4

5

B-W

B-W

INPUT SIGNAL

REAR DIFFERENTIAL LOCK DETECTION SWITCH

CANL

CANH

TRANSFER-ECU (D-132)

INPUT SIGNAL

PARKING BRAKE SWITCH

(CANL)

(CANH)

(IG+)

BRAKE

ABS

ASTC

ASTC OFF

CPU

COMBINATION METER (D-103)

20

D-04

D-11

D-20

D-24

D-103

D-112

D-132

D-133

D-229

FRONT SIDE

MU803797

D-403

D-409

MU801857

D-415

(MU803766)

D-416

(MU803765)

Wire colour code

B : Black LG : Light green G : Green L : Blue W : White

Y : Yellow SB : Sky blue BR : Brown O : Orange GR : Grey

R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E03CC

7

<RHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

INPUT SIGNAL

INHIBITOR SWITCH

A/T-ECU (D-24)

CANL CANH

16 24

<T> (B-W) <T> (R)

13 14 (D-20)

<T>0.35G <T>0.35P

19 8

J/C (CAN1) (D-133)

18 7

<T>0.35L <T>0.35SB

21 10

J/C (CAN2) (D-112)

17 6

<T> (L-W) <T> (BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

7

BACK-UP LAMP SWITCH OR INHIBITOR SWITCH

2 E

(V-W)

31 (D-416)

STOP LAMP SWITCH

3 F

LG-B

72

ETACS-ECU

(BACK) (BKLP)

(CANL) (CANH)

65 56 (D-415)

<T>0.35G <T>0.35W

22 11

COLUMN SWITCH

1 B 1 C

<T>0.35G <T>0.35W

18 7

<T>0.35G <T>0.35SB

55 56

INPUT SIGNAL

REAR DIFFERENTIAL LOCK DETECTION SWITCH

CANL CANH

TRANSFER-ECU (D-132)

ENGINE-ECU (D-11)

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

11 12

<T>0.35G <T>0.35P

22 11

ASTC-ECU

4 G 4 H

<T>0.35W <T>0.35LG

20 21 (D-04)

<T>0.35L <T>0.35GR

14 3

<T>0.35Y <T>0.35BE

15 14

(CANL) (CANH)

INPUT SIGNAL

PARKING BRAKE SWITCH

CPU

BRAKE ABS ASTC ASTC OFF

COMBINATION METER (D-103)

J/B (FUSE (15))

1 D

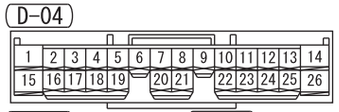
0.35L

2

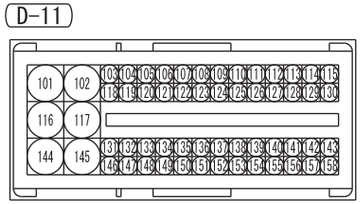
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8

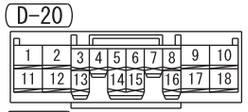
D-04



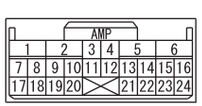
D-11



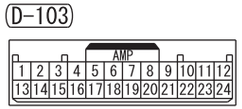
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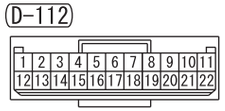
D-24



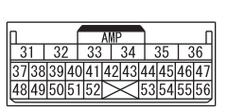
D-103



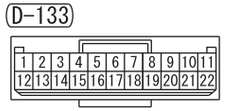
D-112



D-132



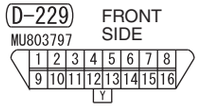
D-133



D-229

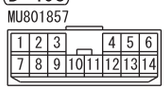
MU803797

FRONT SIDE



D-403

MU801857

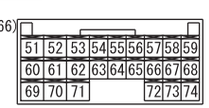


D-409

1

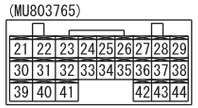
D-415

(MU803766)



D-416

(MU803765)



Wire colour code

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Y : Yellow SB : Sky blue BR : Brown O : Orange GR : Grey

R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E03DC

Auto stop & go (as&g) system

1

2

NOTE
*1 : LHD
*2 : RHD

FUSIBLE LINK (5)

<F>15W

1 (A-119)

RELAY BOX

ENGINE CONTROL RELAY (A-113X)

BF2 30A

F12 15A

STOP LAMP RELAY

3R F23 20A

3R F22

P-B

ENGINE-ECU

1. 25P

3W

1. 25G

STOP LAMP SWITCH (D-16)

·AIR FLOW SENSOR
·EGR COOLER BYPASS CONTROL SOLENOID VALVE
·ENGINE-ECU
·GLOW CONTROL UNIT
·OIL FEEDER CONTROL UNIT
·VARIABLE GEOMETRY CONTROL SOLENOID VALVE

P

1. 25W-B

·ASTC-ECU
·STOP LAMP RELAY

8 10 B

13

AS&G-ECU (D-33)

BAT1

BAROMETRIC PRESSURE SENSOR

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 (D-402)

J/B

ETACS-ECU (TAIL LAMP RELAY)

9 7. 5A

15 10A

7 7. 5A

14 (D-403)

(BR-W)

(BR-W)

5 C

·A/C-ECU
·COLUMN SWITCH
·COMBINATION METER
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·TRANSFER-ECU

6

L

2

0. 35L

8 12 E

1 (D-405)

0. 35LG

5

0. 35LG

·A/C-ECU
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR <LHD>
·HAZARD INDICATOR ASSEMBLY
·HAZARD WARNING LAMP SWITCH <RHD>
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·MULTIVISION DISPLAY <RHD>
·RADIO AND CD PLAYER <RHD>
·SPARE CONNECTOR (FOR AUDIO) <RHD>
·STEERING WHEEL MULTI-FUNCTION SWITCH

12

J/C(3) (D-104)

14 *1
16 *2

26 (D-04)

ENGINE-ECU

(L-W)

5 D

0. 35L

0. 35LG

5

6

AS&G OFF SWITCH (D-124)

ILL

OFF ON

8

0. 35W

10 (D-26)

0. 35G

27

7

(L-W)

6

J/C(3) (D-104)

11

0. 35L

COMBINATION METER (PWM)

(L-W)

17

NO CONNECTION <LHD> (D-01)

30

IGN

ASGM

(A-113X) (A-119) (D-01) (D-04) MU801491 (D-16) (D-26) (D-33) (D-104) (D-124) (D-402) MU801331 (D-403) MU801857 (D-405) MU801839

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E09AF

3

BATTERY

40B-R

AS&G-ECU
D-33

STRL 23

STCR 25

ST 31

V-W

FUSIBLE LINK SBF3

<F>2W

V

(G-W)

RELAY BOX

4 1 STARTER RELAY A-118X

OFF ON

3 2

<F>2BR

F20
7.5A

<F>2BR

0.35R

B

B

2 A-121

<F>2LG

4 A-123

ENGINE-ECU

2B-W

J/C(1)
A-105

9 8

2

1 B-13

1 B-14

STARTER

OFF ON

B

<F>2B

16 19

4 1 STARTER CUT RELAY A-125X

OFF ON

3 2

<F>2W

IGNITION SWITCH (ST)

<F>2P

2 D-402

J/B

4

7.5A

5 D-407

4

KOS& OSS-ECU
D-222

STO

25

0.35LG

10 D-04

VEHICLES WITHOUT KOS

VEHICLES WITH KOS

(G-W)

111

ENGINE-ECU
D-11

ST

A-105 (MU801852)

A-118X

A-121 MU801855

A-123 MU802645

A-125X

B-13

B-14 (MU801211)

D-04

D-407 MU801867

D-11

D-33

D-222

D-402 MU801331

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow
SB : Sky blue BR : Brown O : Orange GR : Grey R : Red
P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E09BC

5

J/B(FUSE ⑨)

2 C (BR-W) 2 D-20 W-B 1

NEUTRAL POSITION SWITCH C-03

OFF ON 2 Y 17 D-21 0.35SB 28

2 D (L-W) 2

CLUTCH INTERLOCK SWITCH D-18

OFF ON 1 (V-W) 29

BRAKE VACUUM SENSOR A-42

1 0.35GR 7 BVS5

2 0.35BE 9 BVS

3 0.35W 2 BVSE

AS&G-ECU D-33

NTSW CLTR BVS5 BVS BVSE

GND CLT1 CANL CANH DCCT DCDA

15 B 19 P-B 14 1 11 17

·ENGINE-ECU
·KOS&OSS-ECU

<T>0.35Y <T>0.35LG

CLUTCH SWITCH D-17

2 OFF ON 1 B

7 11 F 7 11 G

1.25B

2

RELAY BOX (FUSE BF2)

1 A

<F>2Y 3 D-402

J/B 25 10A 6 D-403

·CLOCK
·ETACS-ECU
·SELECTOR LEVER ASSEMBLY

Y-B 7 D-26

V 6

3W 9

R 11 5

L 17 4

DC/DC CONVERTER D-34

DCCT DCCA PWR IGN

OUT1 OUT2 GND

7 1.25R-W

8 1.25W-B<LHD>
<F>2W-B<RHD>

10 3B

·DAB TUNER
·HANDS FREE-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

19

6

A-42 (MU802074) C-03 (MU802779) D-17 (MU801669) D-18 (MU801669) D-20 D-21 D-26

D-33 D-34 D-402 (MU801331) D-403 (MU801857)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E09CC

7

<LHD>

8

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12) 15A

(26) 20A

(13) 15A

13 (D-403)

2 (D-405)

0.35R

·A/C-ECU
·CLOCK
·COLUMN SWITCH
·DAB TUNER
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

③

AS&G-ECU

5 F

5 G

<T> 0.35Y

<T> 0.35LG

12

1 (D-25)

<T> 0.35Y

<T> 0.35BR

A/C-ECU (D-106)

CANL

CANH

<T> 0.35W

<T> 0.35LG

J/B (FUSE (15))

2 E

0.35L

STEERING WHEEL SENSOR (D-308)

2

4

3

5

<T> 0.35G

<T> 0.35W

0.35B

7

ETACS-ECU

(CANL)

(CANH)

(DDSW)

(BKLP)

(DLID)

65

56

51 (D-415)

0.35LG

11 (D-14)

<T> 0.35G

<T> 0.35W

STOP LAMP SWITCH

1 B

1.25W-B

13 (D-26)

KOS& OSS-ECU

(LG-B)

72

38 (D-416)

P

9

R

DOUBLE CAB

CLUB CAB

(B-R)

(B-R)

(B-R)

5 (G-107)

2

HOOD LATCH SWITCH (A-45)

OFF

ON

1

B

1.25B

1

FRONT DOOR SWITCH (DRIVER'S SIDE)

E-16 <DOUBLE CAB>

G-112 <CLUB CAB>

3

OFF

ON

J/C (CAN1) (D-133)

19

8

16

5

17

6

22

11

13

2

21

10

15

4

18

7

<T> 0.35L

<T> 0.35SB

9 H

9 V

0.35R

<T> 0.35Y

<T> 0.35BE

W-B

<T> (L-W)

<T> (BR-W)

<T> 0.35G

<T> 0.35SB

1

15

14

16

14

6

55

56

4

5

B-W

B-W

DIAGNOSIS CONNECTOR (D-229)

20

TRANSFER-ECU (D-132)

CANL

CANH

INPUT SIGNAL

·AMBIENT TEMPERATURE SENSOR
·FRONT SEAT BELT SWITCH (DRIVER'S SIDE)
·PARKING BRAKE SWITCH

(B+B)

(CANL)

(CANH)

AS&G

AS&G OFF

MULT-INFORMATION DISPLAY SWITCH

CPU

COMBINATION METER (D-103)

INPUT SIGNAL

DRIVE MODE-SELECTOR

A-45 MU802780

D-14

D-25

D-26

D-103

D-403 MU801857

D-405 MU801839

D-409

D-415 (MU803766)

D-416 (MU803765)

D-106

D-132

D-133

D-229 MU803797 FRONT SIDE

D-308

E-16 (MU801536)

G-107

G-112 (MU801536)

Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow
SB : Sky blue BR : Brown O : Orange GR : Grey R : Red
P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E09DC

9

<LHD>

J/C(CAN1)

8 H

8 I

<T>0.35L

<T>0.35SB

20

9

J/C
(CAN2)
D-112

21

10

16

5

<T>0.35G

<T>0.35P

<T>0.35L

<T>0.35GR

11

12

20

21 D-04

<T>0.35BR

<T>0.35Y

<T>0.35W

<T>0.35LG

109

108

4

16

ENGINE-
ECU
D-11

(CANL)

(CANH)

ASTC-ECU
A-02

CANL

CANH

G AND YAW
RATE SENSOR

INPUT SIGNAL

·FRONT WHEEL
SPEED SENSOR
·REAR WHEEL
SPEED SENSOR

INPUT SIGNAL

·ACCELERATOR PEDAL
POSITION SENSOR
·BATTERY CURRENT SENSOR
·CRANK ANGLE SENSOR
·ENGINE COOLANT
TEMPERATURE SENSOR
·POWER STEERING PRESSURE
SWITCH

<RHD>

10

STOP LAMP
SWITCH

1 B

1.25W-B

13 D-26

KOS&
OSS-ECU

LG-B

72

ETACS-ECU

(BKLP)

(CANL)

(CANH)

(DDSW)

(DLID)

65

56

51 D-415

38 D-416

<T>0.35G

<T>0.35W

0.35LG

P

11 D-14

9

22

11

R

J/C
(CAN1)
D-133

SINGLE CAB OR
DOUBLE CAB

CLUB
CAB

(B-R)

(B-R)

(B-R)

5 G-110

2

HOOD
LATCH
SWITCH
A-45

OFF

ON

18

7

1

<T>0.35L

<T>0.35SB

B

3

OFF

ON

OFF

ON

OFF

ON

ON

OFF

ON

1.25B

12 J

12 K

1

FRONT DOOR
SWITCH
(DRIVER'S SIDE)
E-16 <SINGLE CAB OR DOUBLE CAB>
G-112 <CLUB CAB>

A-02

D-133

D-415 (MU803766)

A-45 MU802780

D-04

D-416 (MU803765)

E-16 (MU801536)

G-110

G-112 (MU801536)

D-11

D-14

D-26

D-112

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow
SB : Sky blue BR : Brown O : Orange GR : Grey R : Red
P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E09EF

11 <RHD>

12

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12) 15A

(26) 20A

(13) 15A

13 (D-403)

2 (D-405)

0.35R

·A/C-ECU
·CLOCK
·COLUMN SWITCH
·DAB TUNER
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

③

INPUT SIGNAL
·ACCELERATOR PEDAL POSITION SENSOR
·BATTERY CURRENT SENSOR
·CRANK ANGLE SENSOR
·ENGINE COOLANT TEMPERATURE SENSOR
·POWER STEERING PRESSURE SWITCH

INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

AS&G-ECU

ENGINE-ECU (D-11)

ASTC-ECU (A-02)

G AND YAW RATE SENSOR

J/C(CAN1)

J/C (CAN2) (D-112)

	AS&G-ECU		ENGINE-ECU (D-11)		ASTC-ECU (A-02)		J/C(CAN1)	
	5 F	5 G					10 J	10 K
	⟨T⟩ 0.35Y	⟨T⟩ 0.35LG	109 ⟨T⟩ 0.35BR	108 ⟨T⟩ 0.35Y	4 ⟨T⟩ 0.35W	16 ⟨T⟩ 0.35LG		
	17	16	11	12	20	21 (D-04)		
	⟨T⟩ 0.35Y	⟨T⟩ 0.35BR	⟨T⟩ 0.35G	⟨T⟩ 0.35P	⟨T⟩ 0.35L	⟨T⟩ 0.35GR	⟨T⟩ 0.35L	⟨T⟩ 0.35SB
	13	2	22	11	14	3	21	10
J/C (CAN2) (D-112)	16	5	17	6	20	9	18	7	15	4
	0.35R	⟨T⟩ 0.35Y	⟨T⟩ 0.35BE	W-B	⟨T⟩ (L-W)	⟨T⟩ (BR-W)	⟨T⟩ 0.35W	⟨T⟩ 0.35LG	⟨T⟩ 0.35G	⟨T⟩ 0.35W	⟨T⟩ 0.35G	⟨T⟩ 0.35SB
	1	15	14	16	14	6	1	2	2	4	3	55	56
	(B+B)	(CANL)	(CANH)				CANL	CANH	0.35L			CANL	CANH

INPUT SIGNAL
·AMBIENT TEMPERATURE SENSOR
·FRONT SEAT BELT SWITCH (DRIVER'S SIDE)
·PARKING BRAKE SWITCH

AS&G | AS&G OFF | MULT-INFORMATION DISPLAY SWITCH | CPU

COMBINATION METER (D-103)

4 B-W | 5 B-W

DIAGNOSIS CONNECTOR (D-229)

A/C-ECU (D-106) CANL CANH

J/B (FUSE (15)) 2 E

STEERING WHEEL SENSOR (D-308)

0.35B 5

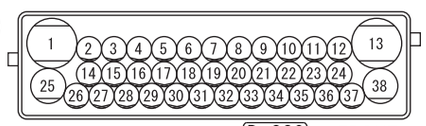
TRANSFER-ECU (D-132)

INPUT SIGNAL
DRIVE MODE-SELECTOR

7

7

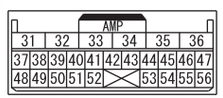
(A-02)



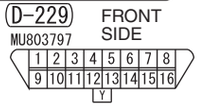
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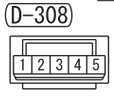
(D-132)



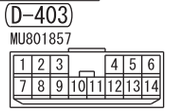
(D-229) MU803797 FRONT SIDE



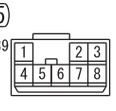
(D-308)



(D-403) MU801857



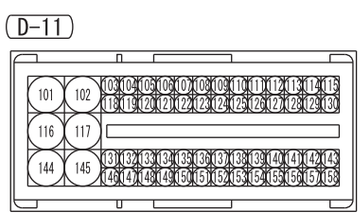
(D-405) MU801839



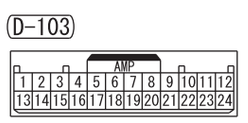
(D-409)



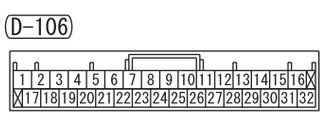
(D-11)



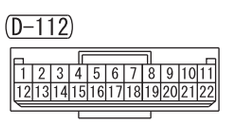
(D-103)



(D-106)



(D-112)



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow
SB : Sky blue BR : Brown O : Orange GR : Grey R : Red
P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E09FC

13

<VEHICLES WITH HEATER OR MANUAL AIR CONDITIONER>

ENGINE-ECU

AC/S

FDFO

7 (D-09)

127 (D-11)

V

7 (A-121)

W-B

1

DUAL PRESSURE SWITCH (A-33)

LOW-PRESSURE SIDE

ON→OFF
:0.196±0.02MPa
OFF→ON
:0.226 $^{+0.025}_{-0.03}$ MPa

HIGH-PRESSURE SIDE

ON→OFF
:2.94±0.02MPa
OFF→ON
:0.59±0.02MPa

2

V-W

BR-W

19 (D-04)

0.35V

R

9

3

10

A/C SWITCH

DEMISTER SWITCH

ON OFF

HEATER CONTROLLER ASSEMBLY (D-107)

<VEHICLES WITH MANUAL AIR CONDITIONER>

P

6

BLOWER SWITCH (D-119)

3 2 1 4 OFF

3

<F>2B

<F>2B

20

(A-33)

(A-121) MU801855

(D-04)

(D-09)

(D-11)

(D-107)

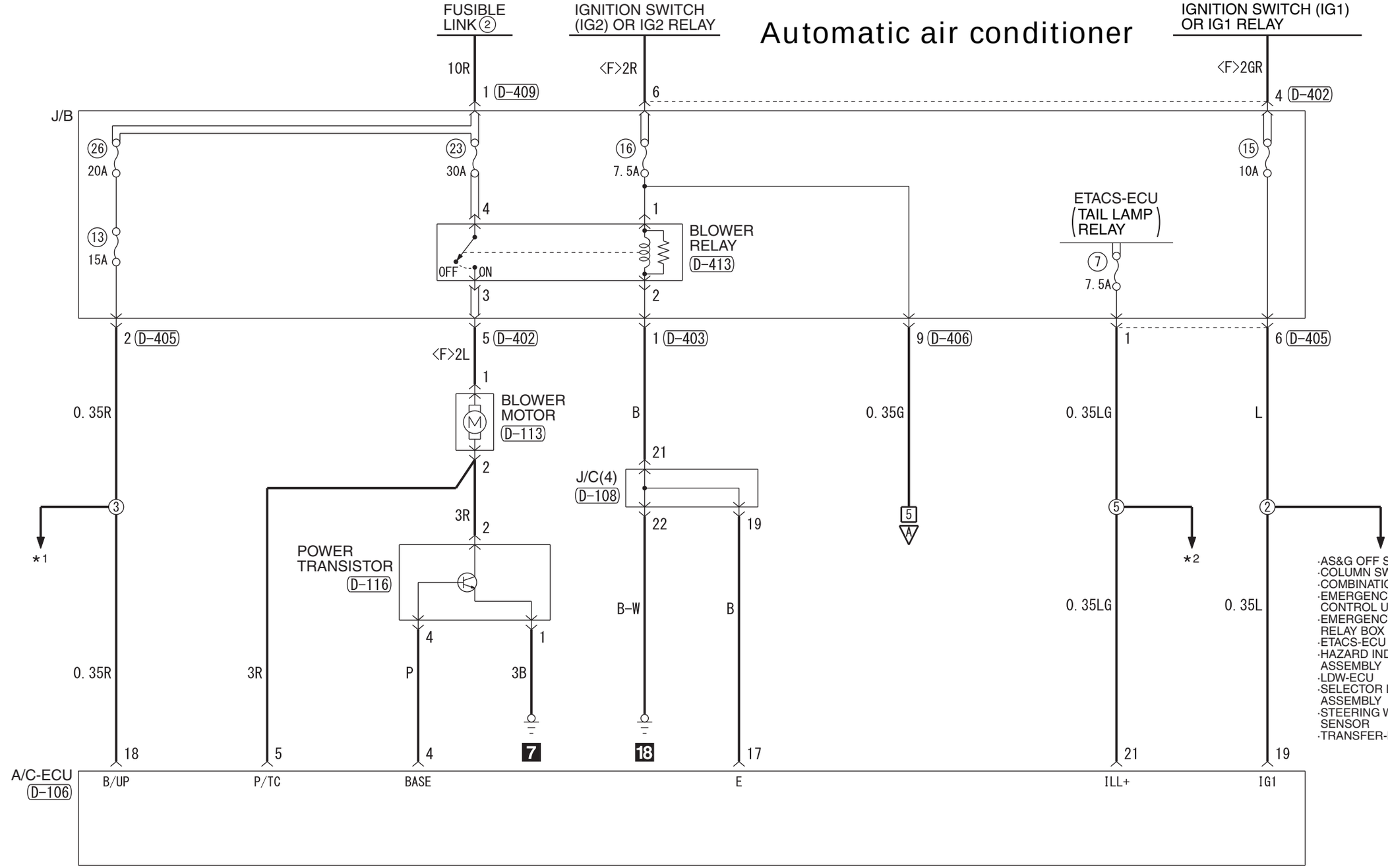
(D-119)

HHC15E09GC

1

2

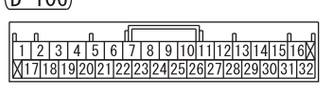
Automatic air conditioner



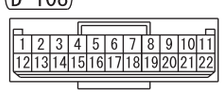
NOTE
*1 : ·CLOCK
·COLUMN SWITCH
·COMBINATION METER
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

*2 : ·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·EMERGENCY CALL SWITCH
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL MULTI-FUNCTION SWITCH

D-106



D-108



D-113 MU801325



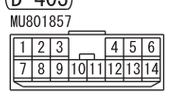
D-116



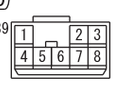
D-402 MU801331



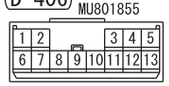
D-403 MU801857



D-405 MU801839



D-406 MU801855



D-409



D-413



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSN0E02AC

3

4

NOTE
*3 : SINGLE-ZONE AUTOMATIC AIR CONDITIONER
*4 : DUAL-ZONE AUTOMATIC AIR CONDITIONER

A/C-ECU D-106

FR1 30 | FR2 32 | FR4 16 | FR3 31 | MD1 15 | MD2 13 | MD4 12 | MD3 14 | AC+B 20 | AM1P 22 | AM2P 24 | AM4P 25 | AM3P 23 | AM1 26 | AM2 28 | AM4 29 | AM3 27 | SENG 3 | INC 8

0.35G | 0.35L | 0.35LG | 0.35BE | 0.35R | 0.35Y | 0.35SB | 0.35GR | 0.35W | 0.35R | 0.35R | 0.35W | 0.35P | 0.35G | 0.35BR | 0.35R | 0.35V | 0.35Y | 0.35BR | 0.35SB | 0.35GR | 0.35BE

0.35R → J/C(4) D-108 : 12 | 16 | 14 | 13 | 15

OUTSIDE/INSIDE AIR SELECTION DAMPER CONTROL MOTOR D-109 : 1 | 5 | 6 | 2 | 3

MODE SELECTION DAMPER CONTROL MOTOR D-129 : 1 | 5 | 6 | 2 | 3

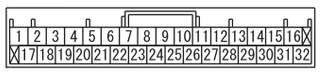
AIR MIXING DAMPER CONTROL MOTOR (DRIVER'S SIDE) D-118 *4 : 3 | 1 | 5 | 6 | 2

AIR MIXING DAMPER CONTROL MOTOR D-117 *3 : 3 | 1 | 5 | 6 | 2

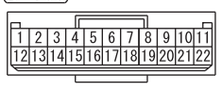
AIR MIXING DAMPER CONTROL MOTOR (FRONT PASSENGER'S SIDE) D-128 *4

INTERIOR TEMPERATURE SENSOR D-120 : 1 | 2

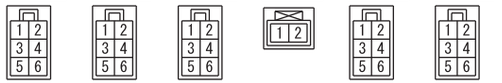
D-106



D-108



D-109 / D-117 / D-118 / D-128 / D-129



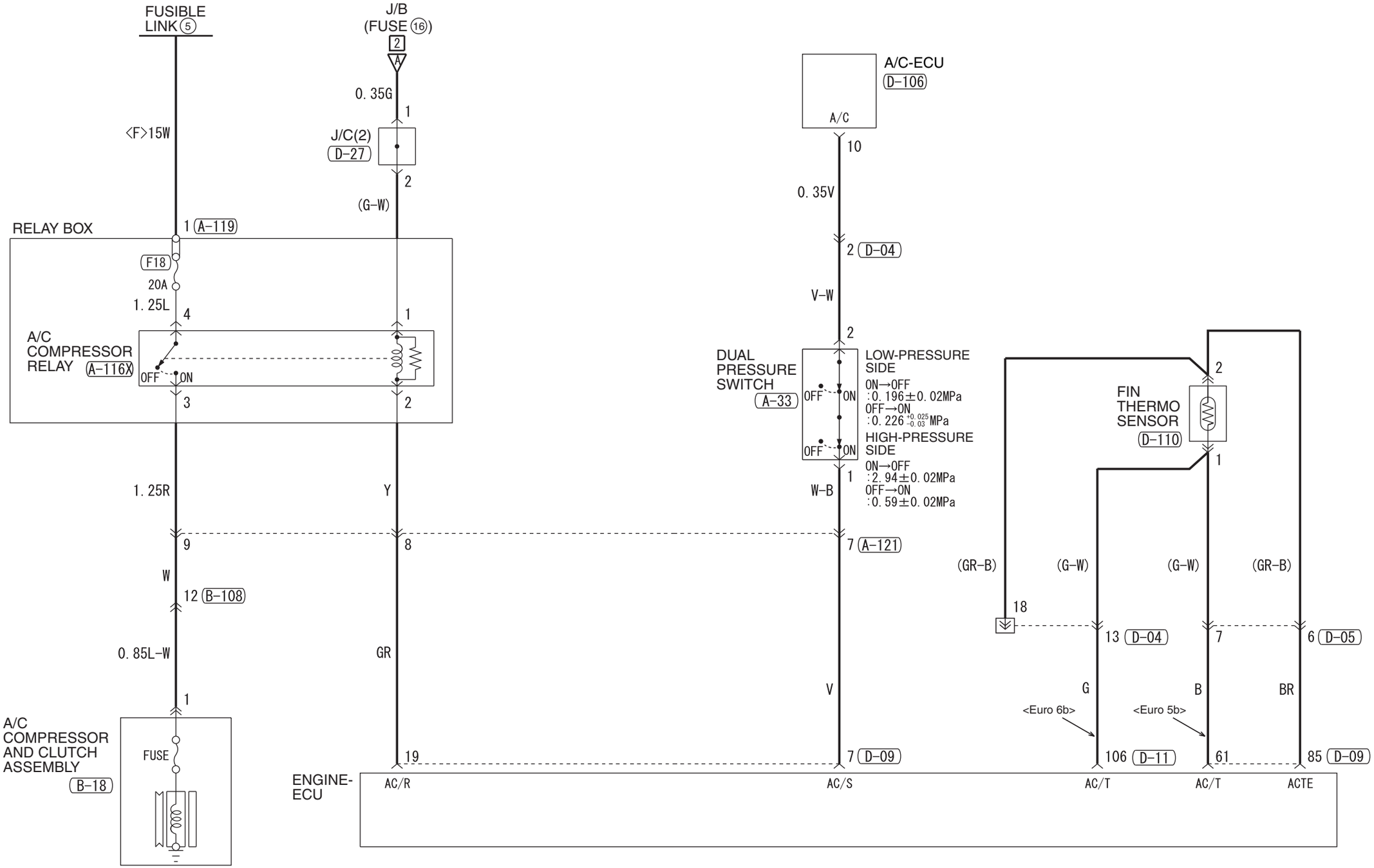
D-120

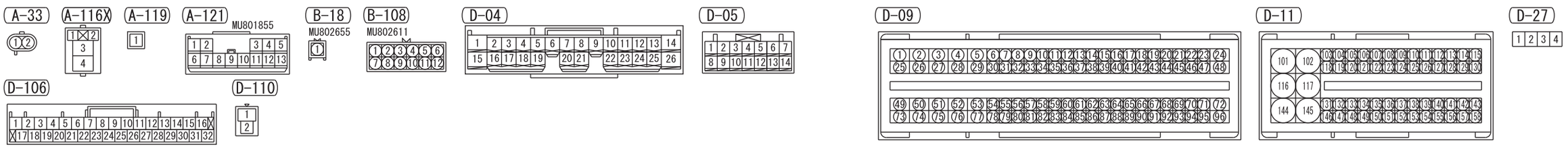
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSN0E02BC

5

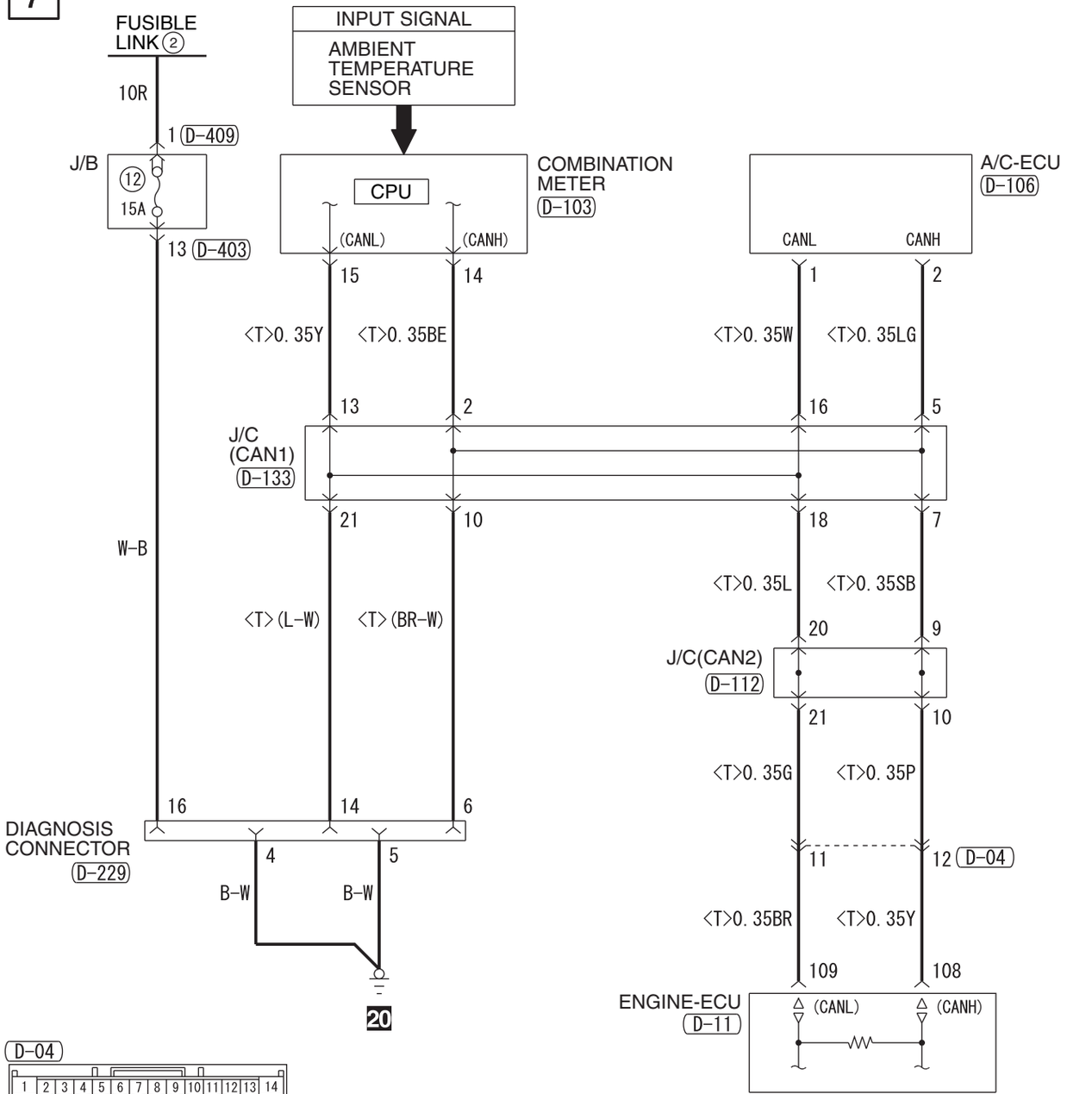
6





HHSN0E02CC

7



HHSN0E02DC

1

2

FUSIBLE LINK (2)

IGNITION SWITCH (IG2) OR IG2 RELAY

IGNITION SWITCH (IG1) OR IG1 RELAY

10R

1 D-409

<F>2R

6

<F>2GR

4 D-402

J/B

26
20A

23
30A

16
7.5A

15
10A

13
15A

4

1

BLOWER RELAY D-413

OFF ON

3

2

ETACS-ECU (TAIL LAMP RELAY)

7
7.5A

2 D-405

5 D-402

1 D-403

9 D-406

1

6 D-405

<F>2L

1

BLOWER MOTOR D-113

0.35R

B

0.35G

0.35LG

L

2

21

J/C(4) D-108

3

*1

3R

2

POWER TRANSISTOR D-116

5

A

*2

22

19

B-W

B

0.35LG

0.35L

4

1

3R

P

3B

·COLUMN SWITCH
·COMBINATION METER
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

0.35R

18

5

4

20

18

17

21

19

A/C-ECU D-106

B/UP

P/TC

BASE

E

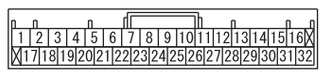
ILL+

IG1

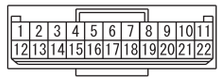
NOTE
*1 : ·CLOCK
·COLUMN SWITCH
·COMBINATION METER
·DAB TUNER
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

*2 : ·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HAZARD WARNING LAMP SWITCH
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL MULTI-FUNCTION SWITCH

D-106



D-108



D-113 MU801325



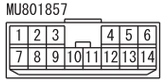
D-116



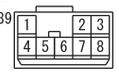
D-402 MU801331



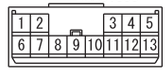
D-403 MU801857



D-405 MU801839



D-406 MU801855



D-409



D-413



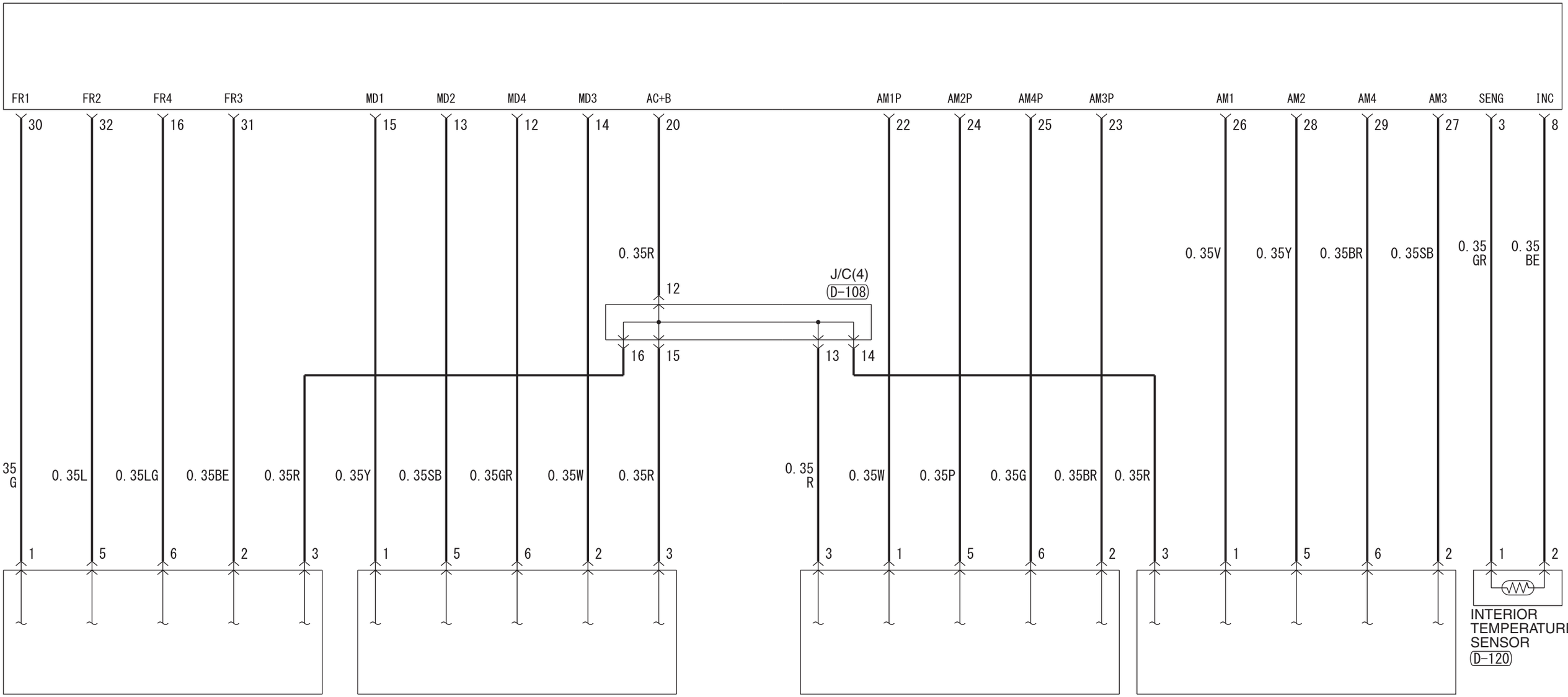
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC12E10AC

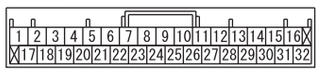
3

4

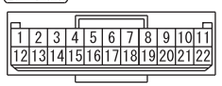
NOTE
*3 : SINGLE-ZONE AUTOMATIC AIR CONDITIONER
*4 : DUAL-ZONE AUTOMATIC AIR CONDITIONER



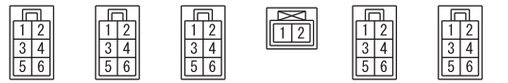
D-106



D-108



D-109 D-117 D-118 D-120 D-128 D-129

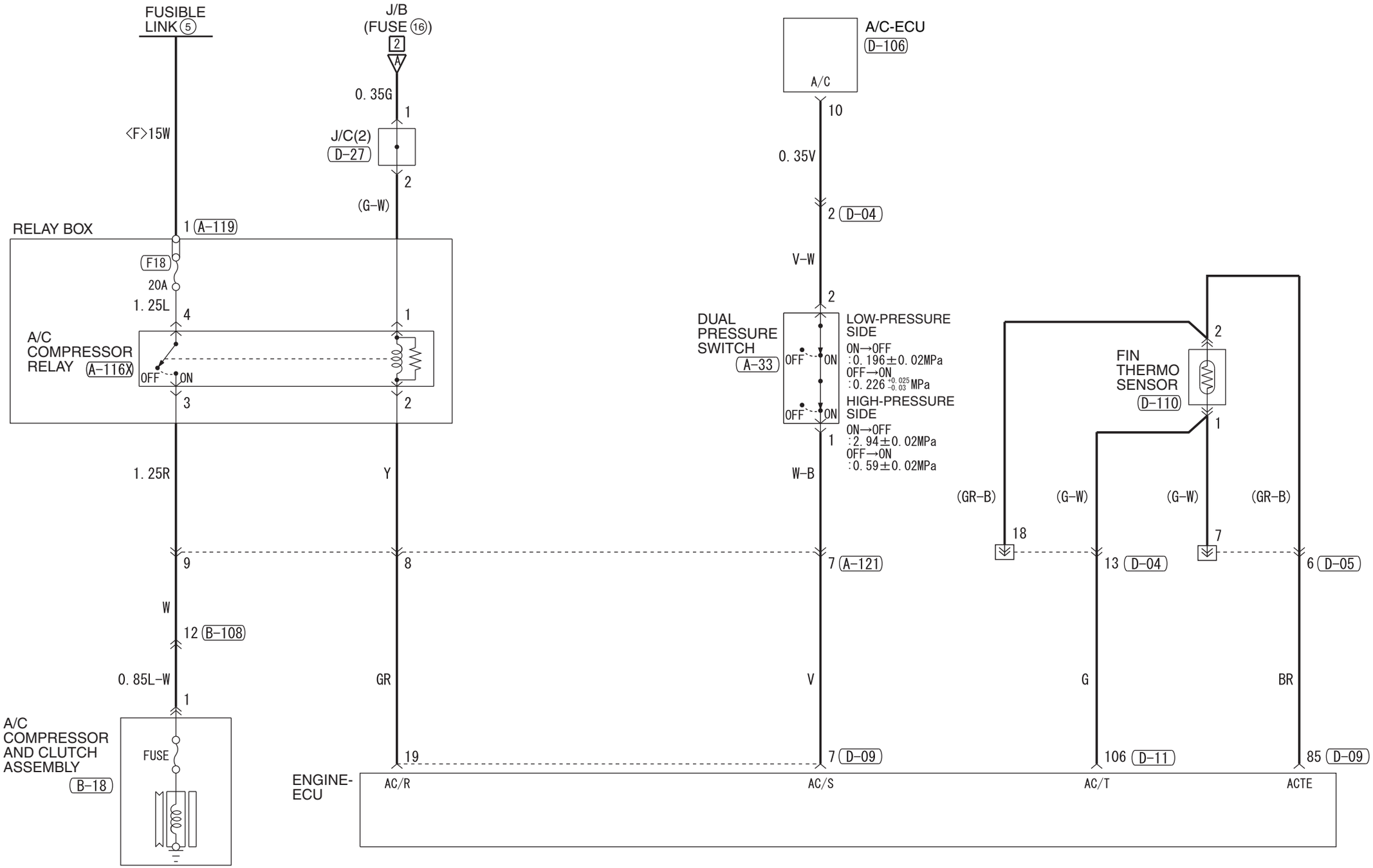


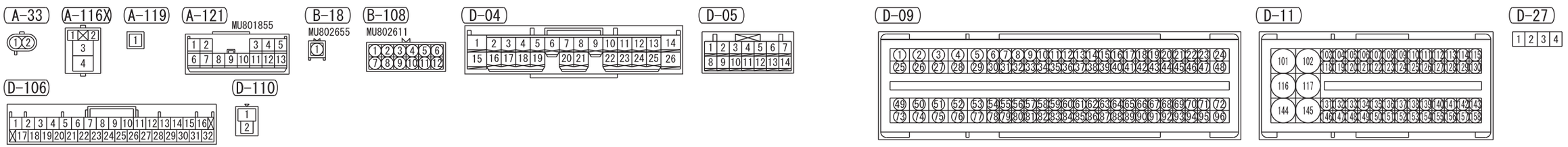
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC12E10BC

5

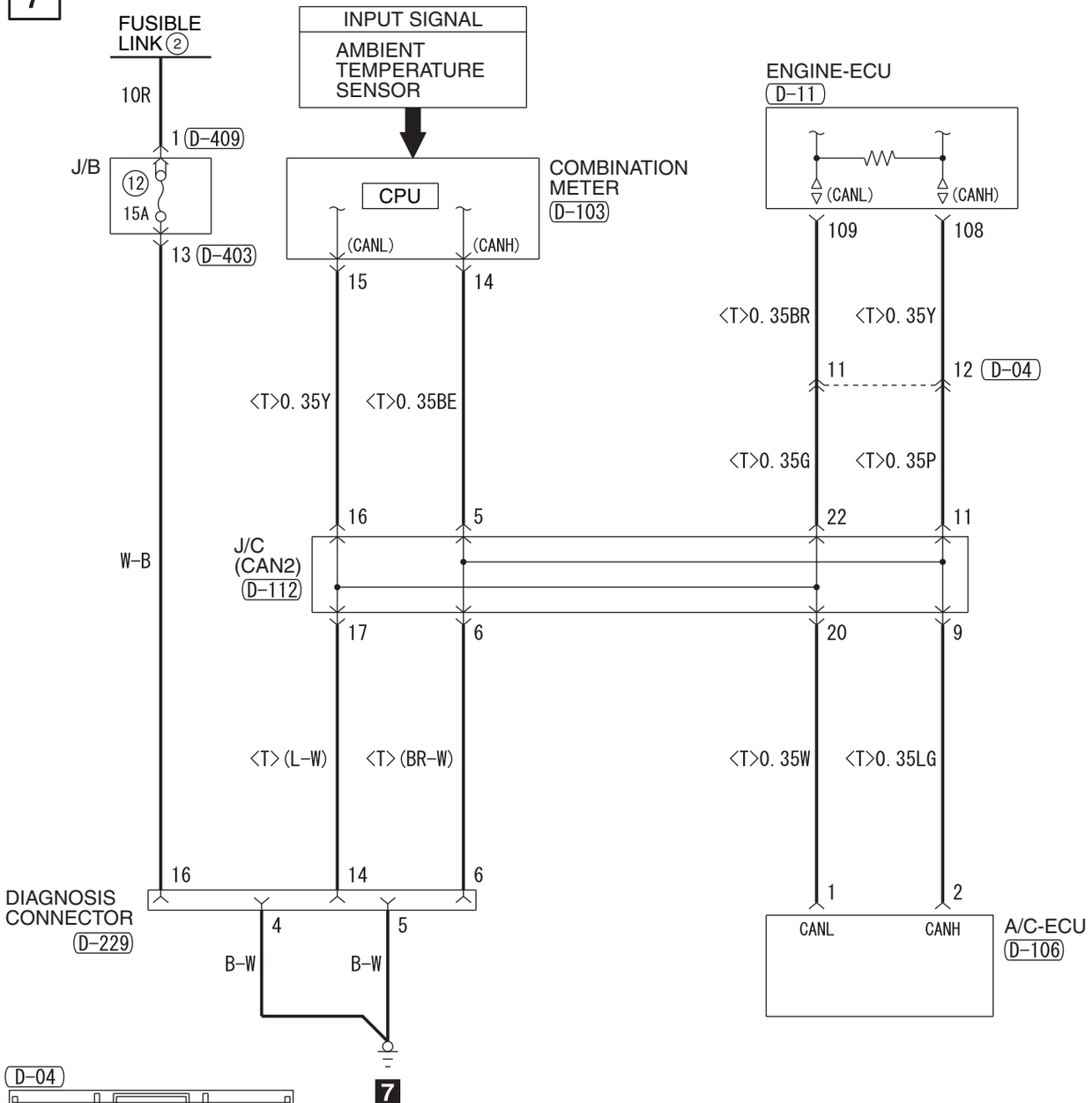
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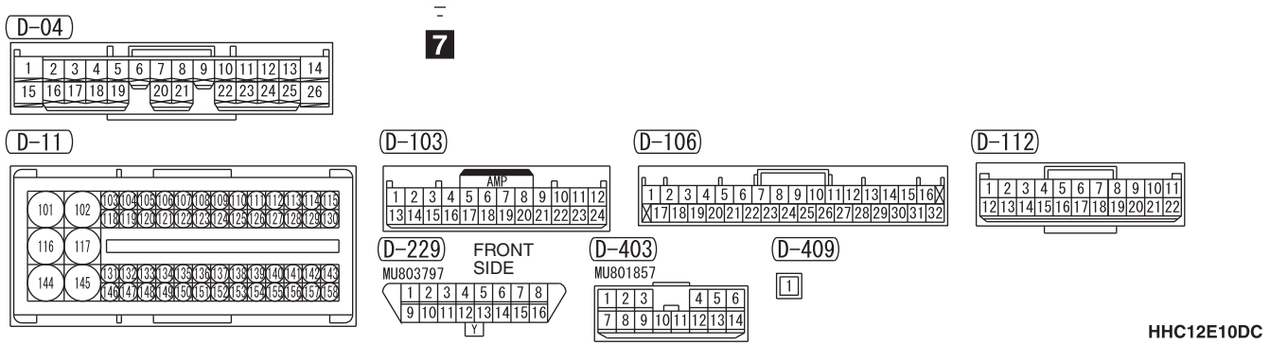




HHC12E10CC

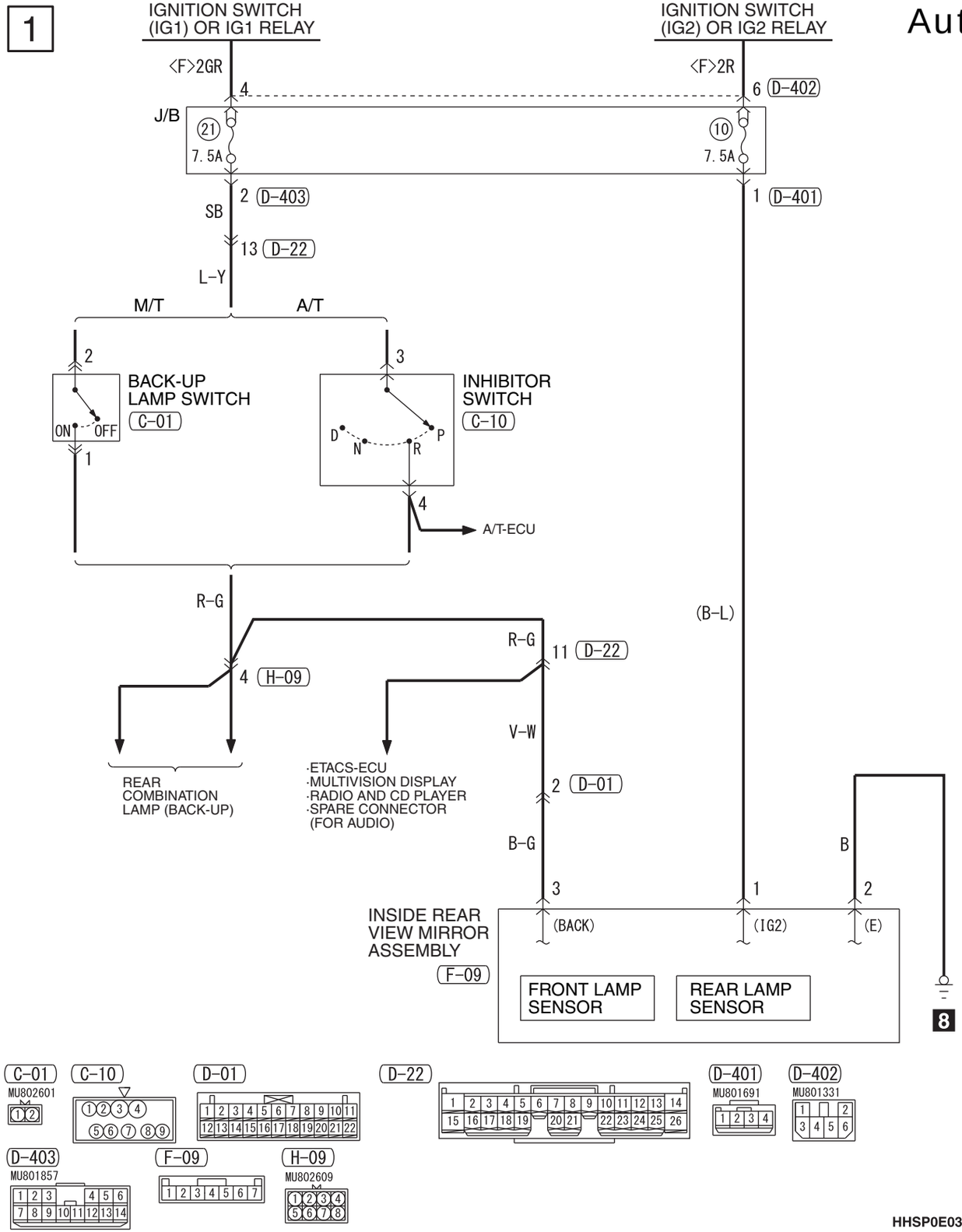
7





HHC12E10DC

Automatic anti-dazzling mirror



HHSP0E03AC

Automatic transmission

1

2

NOTE
*1 : ·ETACS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR COMBINATION LAMP (BACK)
·SPARE CONNECTOR (FOR AUDIO)
*2 : ·A/C-ECU
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR <LHD>
·HAZARD INDICATOR ASSEMBLY
·HAZARD WARNING LAMP SWITCH <RHD>
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·MULTIVISION DISPLAY <RHD>
·RADIO AND CD PLAYER <RHD>
·SPARE CONNECTOR (FOR AUDIO) <RHD>
·STEERING WHEEL MULTI-FUNCTION SWITCH

FUSIBLE LINK (5)

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR
4 (D-402)

J/B

ETACS-ECU (TAIL LAMP RELAY)

3 — 10A
21 — 7.5A
15 — 10A
7 — 7.5A

<F>15W

WATER LEVEL SWITCH
4 (D-407)
R-W

2 (D-403)
SB

6
L
·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY (SHIFT LOCK SOLENOID)
·STEERING WHEEL SENSOR
·TRANSFER-ECU

1 (D-405)
0.35LG
*2

1 (A-119)

RELAY BOX
F12 — 15A
F17 — 20A

STOP LAMP RELAY

A/T CONTROL RELAY (A-117X)
1.25R
4
OFF
ON
3
1
2

0.35L
6 8 B

13 (D-22)
L-Y

(L-W)

0.35LG
12
J/C(3) (D-104)
19 <LHD>
18 <RHD>
(LG-B)

INHIBITOR SWITCH (C-10)
3
P
D
N
R

SELECTOR LEVER ASSEMBLY (D-224)
8

SHIFT SWITCH
UP
DOWN

SELECT SWITCH
SPORT MODE
AUTO MODE

2
ILL

1.25G
2
STOP LAMP SWITCH (D-16)
OFF
ON
1

·ASTC-ECU
·STOP LAMP RELAY

1.25W-B
13 (D-26)

KOS& OSS-ECU

(LG-B) <LHD>
LG-B <RHD>
5 7 A

1.25R
1
18 (D-21)

1.25L-B
1.25R-L
17
1 (D-24)

0.75BR
B
7
J/C(1) (A-105)
2
B
<F>2B
16
19

7
5
4
8
*1
(Y)
(Y-G)
1.25R-G
(B-L)
47
46
55
54

6
5
7
(W-B)
(G-W)
(V-W)
16
15
17 (D-20)
Y-GR
Y-W
R-Y
36
56
45 (D-23)

1
(L-W)
8
J/C(3) (D-104)
11
0.35L

A/T-ECU
SRAM
PCU1
INHD
INHN
INHR
INHP
UPSW
DWSW
MSW

COMBINATION METER (PWM)

A-105 (MU801852)
A-117X
A-119
C-10
D-16 MU801491
D-20
D-21
D-104
D-224 MU801451
D-402 MU801331
D-403 MU801857
D-405 MU801839
D-407 MU801867

D-22
D-23
D-24
D-26

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSH0E01AC

3

4

A/T-ECU
D-24

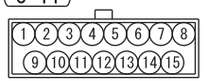
SVSA	SVSB	SVSC	SLTG	SLT	SLUG	SLU	SL1G	SL1	SL2G	SL2	GRSE	O/TS	GSE2	OTS2
7	8	9	5	3	4	2	14	19	22	20	11	12	13	21
R-Y	L	W-L	L-W	SB	R-W	LG	BR	G-Y	G	G-B	(B-R)	(G-R)	(GR)	(G-W)

1	9	2	3	10	4	11	5	12	6	13	7	14	8	15

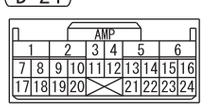
- SHIFT SOLENOID NO.1
- SHIFT SOLENOID NO.2
- SHIFT SOLENOID SR
- LINE PRESSURE CONTROL SOLENOID
- LOCK-UP SOLENOID
- CLUTCH CONTROL SOLENOID NO.1
- CLUTCH CONTROL SOLENOID NO.2
- A/T FLUID TEMPERATURE SENSOR 1
- A/T FLUID TEMPERATURE SENSOR 2

A/T CONTROL SOLENOID VALVE ASSEMBLY C-11

C-11



D-24



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSH0E01BC

5

<LHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B (12) 15A

13 (D-403)

W-B

A/T-ECU

OTM CANL CANH

42 (D-23) 16 24 (D-24)

(P) <T> (B-W) <T> (R)

3 13 14 (D-20)

V-W <T>0.35G <T>0.35P

12 1

J/C (CAN1) (D-133)

21 10

<T> (L-W) <T> (BR-W)

16 1 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

20

STOP LAMP SWITCH

1 A

(LG-B)

72

ETACS-ECU (D-415)

(BKLP)

(CANL) (CANH)

65 56

<T>0.35G <T>0.35W

22 11

INPUT SIGNAL

·ACCELERATOR PEDAL POSITION SENSOR
·CRANK ANGLE SENSOR
·ENGINE COOLANT TEMPERATURE SENSOR

ENGINE-ECU (D-11)

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

11 12

<T>0.35G <T>0.35P

21 10

J/C (CAN2) (D-112)

20 9

<T>0.35L <T>0.35SB

18 7

15 4

<T>0.35G <T>0.35SB

55 56

TRANSFER-ECU (D-132)

CANL CANH

INPUT SIGNAL

TRANSFER ACTUATOR (4L DETECTION SWITCH)

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL CANH

4 16

<T>0.35W <T>0.35LG

20 21 (D-04)

<T>0.35L <T>0.35GR

16 5

13 2

<T>0.35Y <T>0.35BE

15 14

(CANL) (CANH)

BUZZER

CPU

LCD (SELECTOR LEVER POSITION)

COMBINATION METER (D-103)

J/B (FUSE (15))

2 B

0.35L

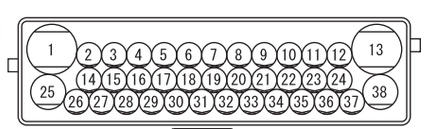
2

(IG+)

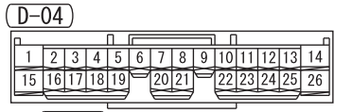
A/T TEMP

6

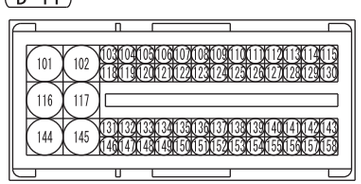
A-02



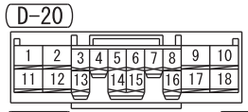
D-04



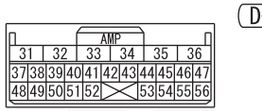
D-11



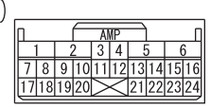
D-20



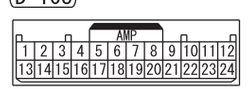
D-23



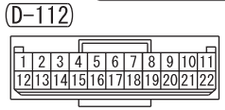
D-24



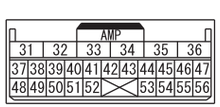
D-103



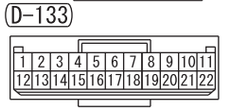
D-112



D-132



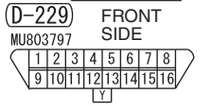
D-133



D-229

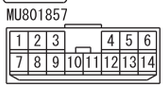
MU803797

FRONT SIDE



D-403

MU801857

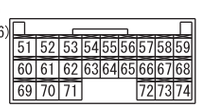


D-409

1

D-415

(MU803766)



HHSH0E01CC

7

<RHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B (12) 15A

13 (D-403)

W-B

A/T-ECU

OTM CANL CANH

42 (D-23) (P)

16 <T> (B-W)

24 (D-24) <T> (R)

3

13

14 (D-20)

<T>0.35G <T>0.35P

19 8

J/C (CAN1) (D-133)

V-W

18 7

<T>0.35L <T>0.35SB

21 10

J/C (CAN2) (D-112)

17 6

<T> (L-W) <T> (BR-W)

16 1 14 6

DIAGNOSIS CONNECTOR (D-229)

B-W 4 B-W 5

7

STOP LAMP SWITCH

1 A

LG-B

72

ETACS-ECU (D-415)

(BKLP)

(CANL) (CANH)

65 56

<T>0.35G <T>0.35W

22 11

INPUT SIGNAL

·ACCELERATOR PEDAL POSITION SENSOR
·CRANK ANGLE SENSOR
·ENGINE COOLANT TEMPERATURE SENSOR

ENGINE-ECU (D-11)

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

11 12

<T>0.35G <T>0.35P

22 11

15 4

<T>0.35G <T>0.35SB

55 56

TRANSFER-ECU (D-132)

CANL CANH

INPUT SIGNAL

TRANSFER ACTUATOR (4L DETECTION SWITCH)

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL CANH

4 16

<T>0.35W <T>0.35LG

20 21 (D-04)

<T>0.35L <T>0.35GR

14 3

16 5

<T>0.35Y <T>0.35BE

15 14

(CANL) (CANH)

CPU

LCD (SELECTOR LEVER POSITION)

COMBINATION METER (D-103)

J/B (FUSE (15))

2 B

0.35L

2

(IG+)

A/T TEMP

BUZZER

8

A-02

D-04

D-11

D-20

D-23

D-24

D-103

D-112

D-132

D-133

D-229 MU803797 FRONT SIDE

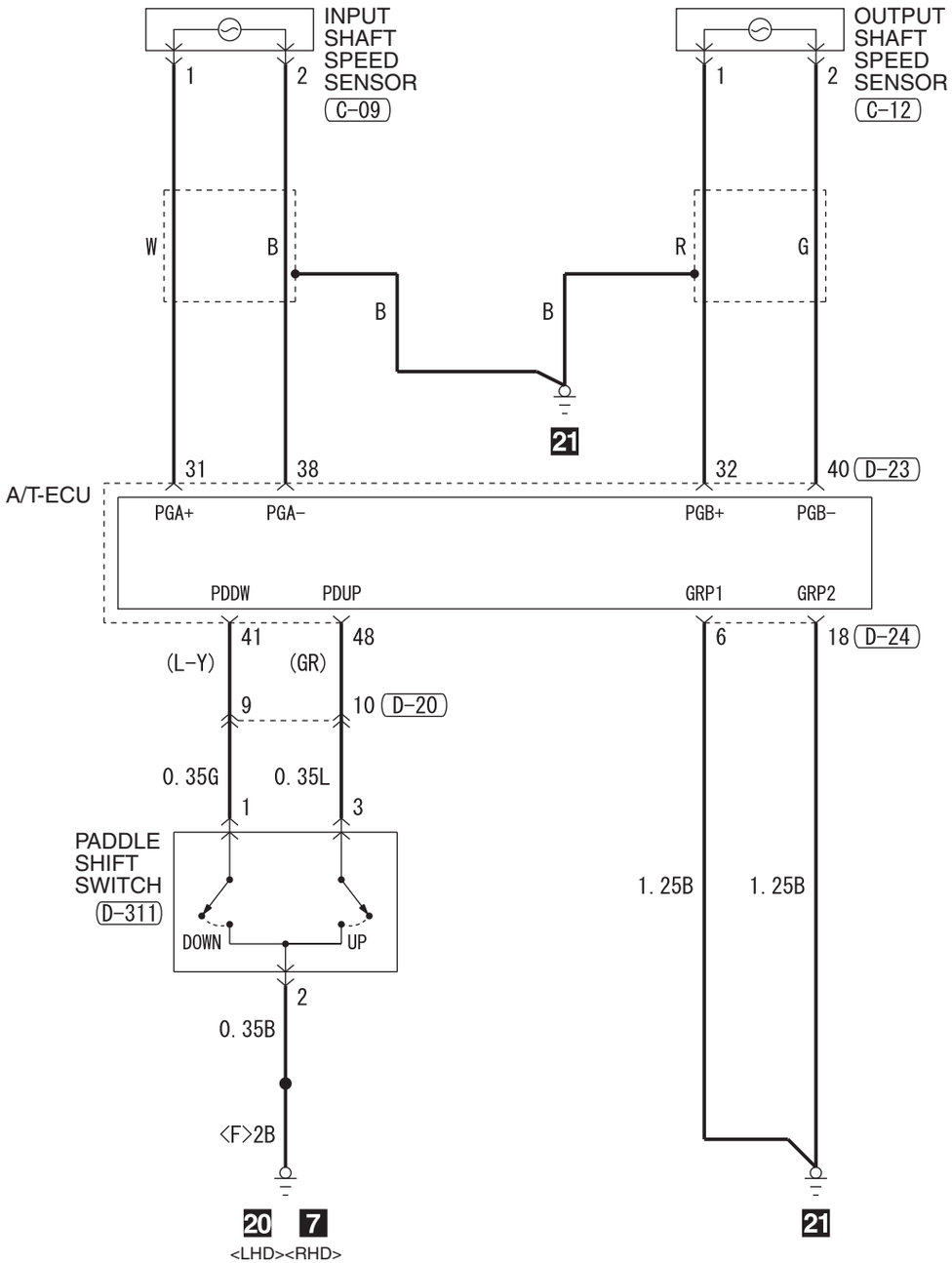
D-403 MU801857

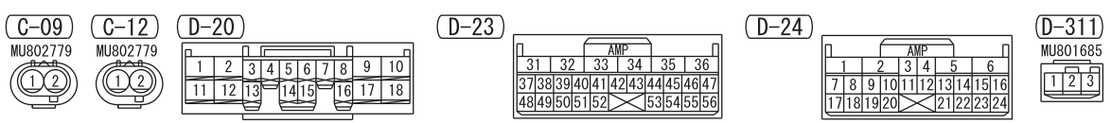
D-409

D-415 (MU803766)

HHSH0E01DC

9



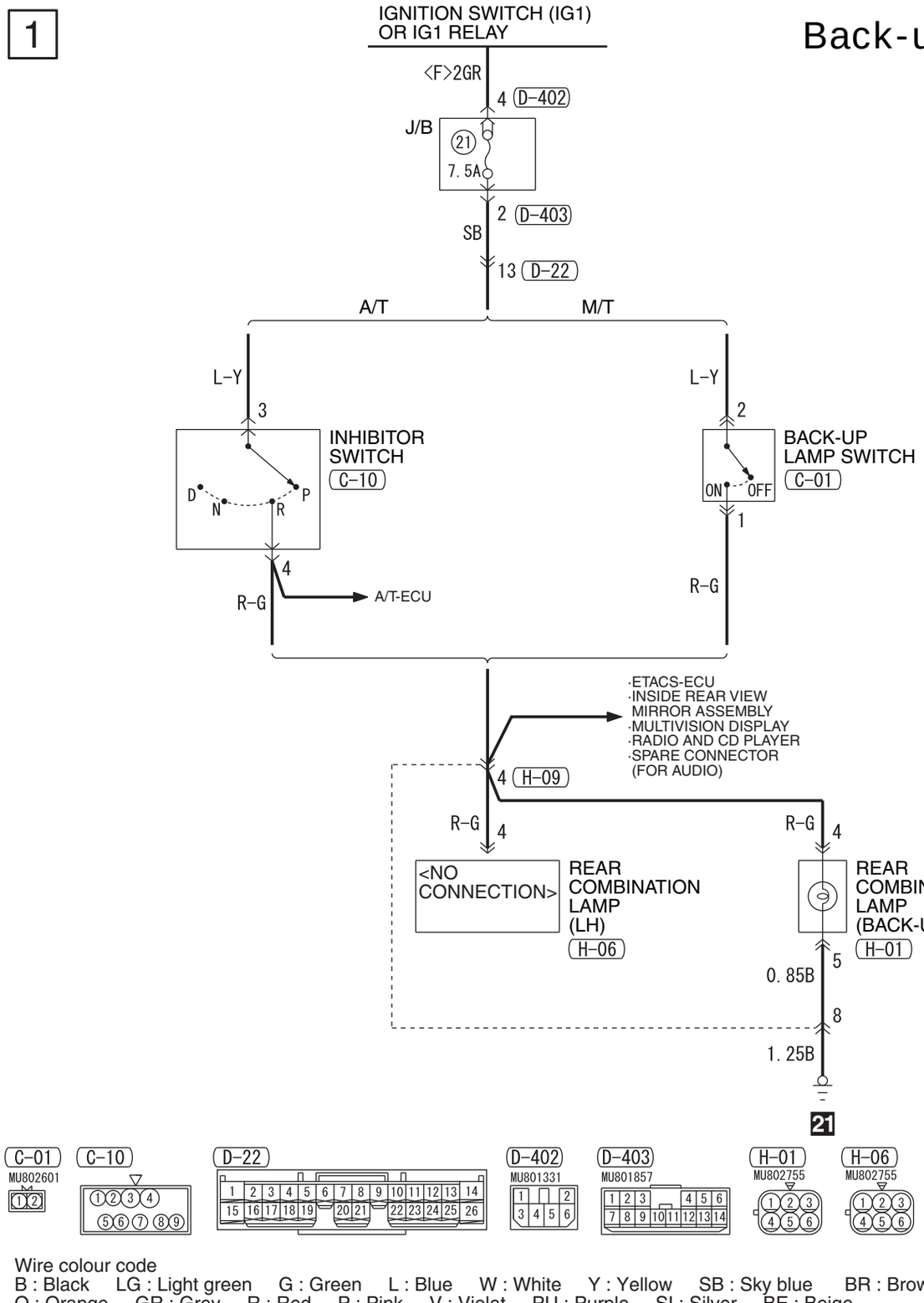


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSH0E01EC

1

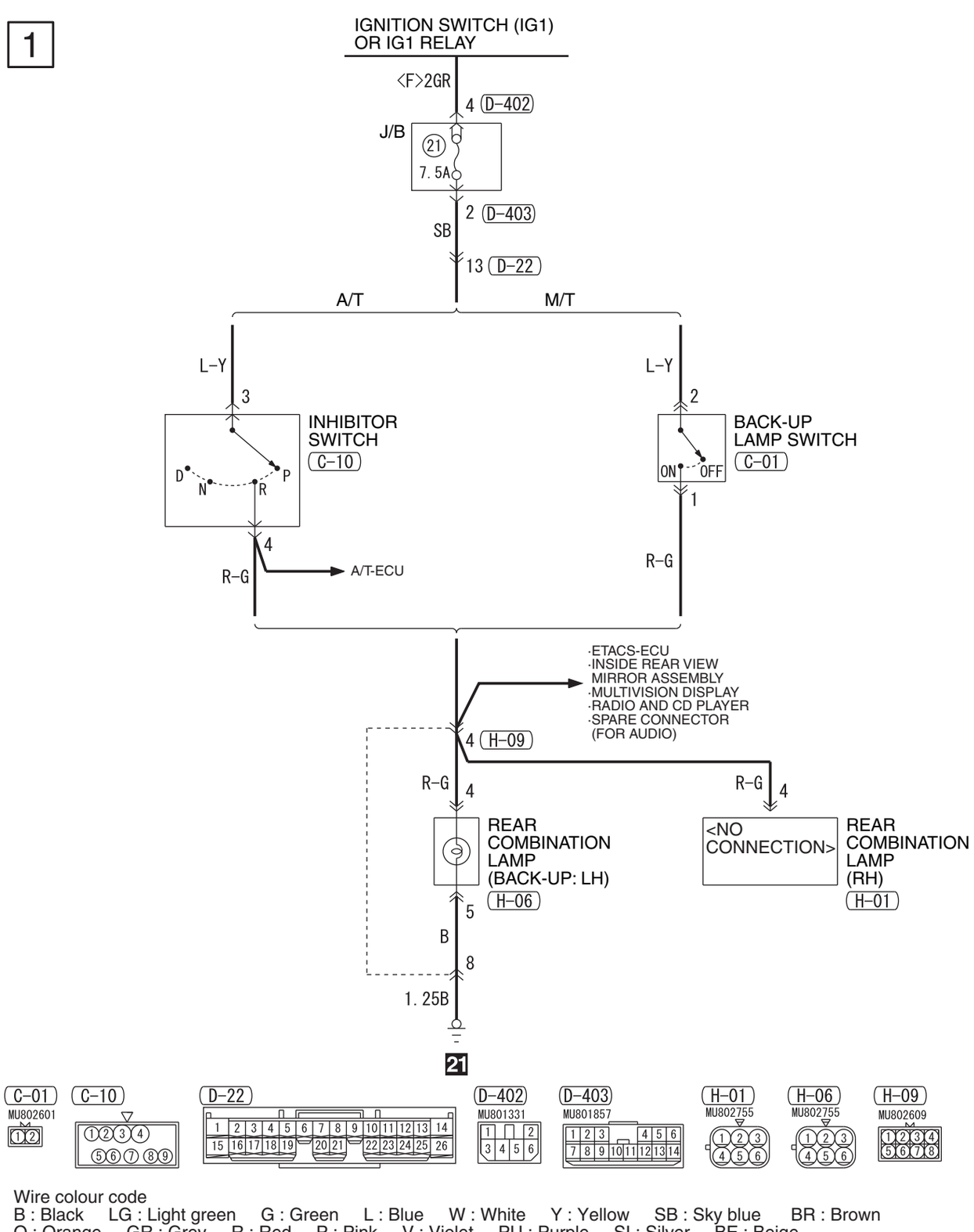
Back-up lamp



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSK0E03AC

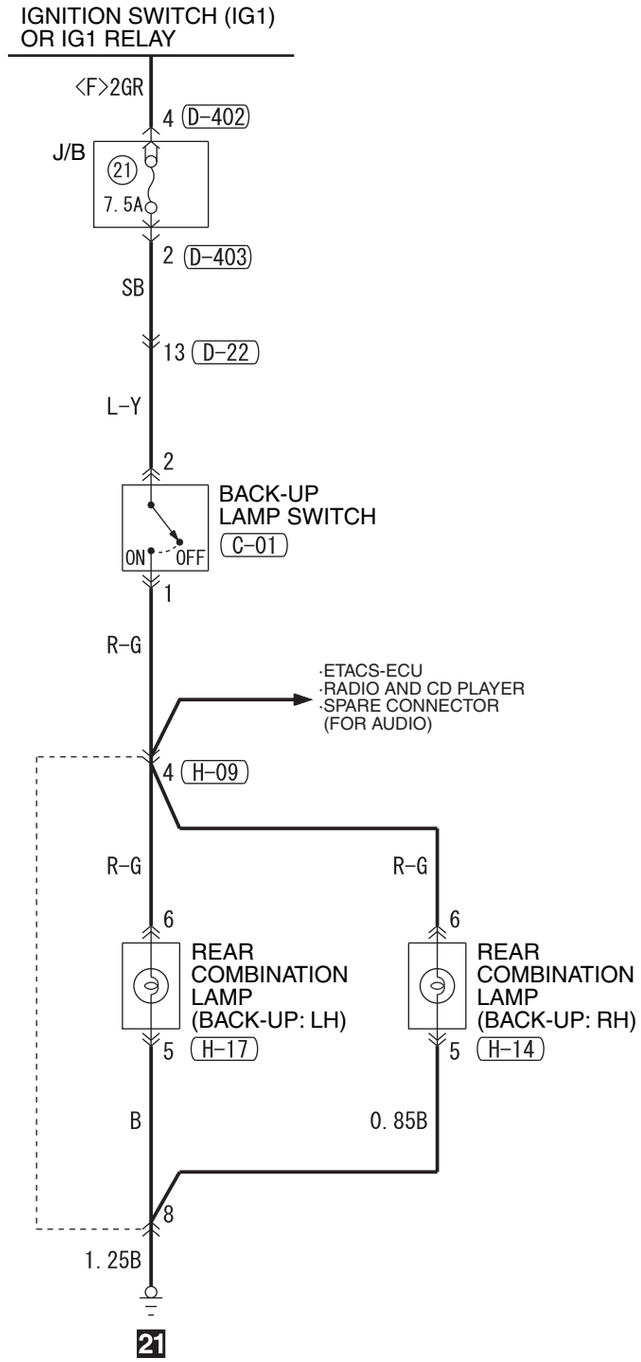
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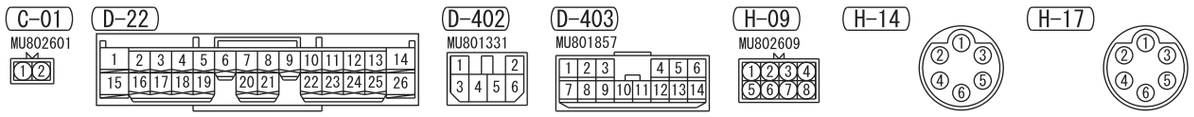


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSK0E04AC

1





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC09E04AC

1

2

Central door locking system

J/B

J/B (FUSE⑫) 4 B 1 D-404

ETACS- ECU

(+B)

(DOOR LOCK RELAY) ON OFF OFF ON (DOOR UNLOCK RELAY)

(DSWL) (DSWU) (AS-L) (AS-U) (ASWU) (CDSS)

36 41 23 22 D-416 60 D-415 35 D-416

R-W *1
R *2

6 A

NOTE
*1 : EXCEPT VEHICLES FOR EUROPE (DOUBLE CAB) AND EXCEPT VEHICLES WITH ERA-GLONASS SYSTEM
*2 : VEHICLES FOR EUROPE (DOUBLE CAB) AND VEHICLES WITH ERA-GLONASS SYSTEM

0.35LG 0.35R 1.25GR-B 1.25G-W 1.25G-W 1.25GR-B (G-W) (G-W) 1.25GR-B 1.25G-W

<DOUBLE CAB>

1 5 4 D-13

13 14 D-230 9 8 D-231 6 7 D-221 14 D-220

(W) (BR) 0.85L 0.85L-B 0.85L-B 0.85L-R LG

7 8 2 1 4 3 7

LOCK UNLOCK LOCK UNLOCK

FRONT DOOR LOCK ACTUATOR (LH) G-01

FRONT DOOR LOCK ACTUATOR (RH) G-16

6 (B) 5 D-231 <F>2B <F>2B

9 B 5 D-221 <F>2B <F>2B

20 7

LG 0.85L-R 0.85L-B LG 0.85L-R 0.85L-B

7 17 18 13 17 18

P 0.85W 0.85L P 0.85W 0.85L

8 2 1 7 3 4

LOCK UNLOCK LOCK UNLOCK

REAR DOOR LOCK ACTUATOR (LH) G-115

REAR DOOR LOCK ACTUATOR (RH) G-122

6 B 2 E-15 B

9 B 2 E-02 B

10 9

D-13 D-220 D-221 D-230 D-231

E-15 G-01 (MU801845) G-16 (MU801845) G-115 (MU801845) G-122 (MU801845)

D-404 J/B SIDE

D-415 (MU803766)

D-416 (MU803765)

E-02

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSM0E03AC

3

4

FUSIBLE LINK ⑤

<F>15W

1 A-119

F16

15A

RELAY BOX

1.25GR

2 D-407

IG1 RELAY

<F>2GR

4 D-402

15

10A

L

0.35L

6 D-405

2

·A/C-ECU
·COLUMN SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·HAZARD INDICATOR ASSEMBLY
·SELECTOR LEVER ASSEMBLY
·TRANSFER-ECU

FUSIBLE LINK ②

10R

1 D-409

J/B

26

20A

12

15A

5 D-404

68 D-415

20 D-404

ETACS-ECU

(HAZ1)

(IG1)

(ETACS +B)

13

15A

1

B

(TURN-SIGNAL LAMP) (LH)

FET

(TURN-SIGNAL LAMP) (RH)

FET

POWER SOURCE

GND (SGND)

GND (EARTH)

(TURN LH)

(TURN RH)

3

4

70 D-415

2

10

1 D-418

10

11 D-406

12 D-403

2 D-405

13 D-403

1.25B

G-Y

G-R

L-W

Y-B

L-W

Y-B

0.35B

R

W-B

(F) 2B

(LH)

(RH)

(LH)

(RH)

(LH)

(RH)

REAR COMBINATION LAMP (TURN)

·FRONT COMBINATION LAMP (TURN)
·FRONT TURN-SIGNAL LAMP

·DOOR MIRROR ASSEMBLY (SIDE TURN-SIGNAL LAMP)
·SIDE TURN-SIGNAL LAMP

6 C

5 D

24

A-119 1

D-402 MU801331

D-403 MU801857

D-404 J/B SIDE 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

D-405 MU801839

D-406 MU801855

D-407 MU801867

D-409 1

D-415 (MU803766)

D-418 (MU801845)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSM0E03BC

5

6

J/B (FUSE ⑫) 4 D

ETACS-ECU D-415

(CANL) (CANH)

65 56

<T>0.35G <T>0.35W

W-B

22 11

J/C (CAN1) D-133

21 10

<T>(L-W) <T>(BR-W)

16 14 6

DIAGNOSIS CONNECTOR D-229

4 5

B-W B-W

20

INPUT SIGNAL

INHIBITOR SWITCH

A/T-ECU D-24

CANL CANH

16 24

<T>(B-W) <T>(R)

13 14 D-20

<T>0.35G <T>0.35P

12 1

<T>0.35L <T>0.35SB

18 7

20 9

J/C (CAN2) D-112

ETACS-ECU

2 A

R-W*1 R*2

48*1 16*2

SRS-ECU D-225*1 D-237*2

CDSS

CAN- CAN+

34*1 29*2 33*1 30*2

<T>G-W*1 <T>G*2 <T>L-W*1 <T>L*2

18 7

<T>0.35L <T>0.35GR

16 5

20 21 D-04

<T>0.35W <T>0.35LG

4 16

ASTC-ECU A-02

CANL CANH

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ENGINE-ECU D-11

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

11 12 D-04

<T>0.35G <T>0.35P

21 10

<T>0.35Y <T>0.35BE

19 8

51 35

FUSIBLE LINK ⑤

<F>15W

1 A-119

F13 10A RELAY BOX

0.35L

20 D-25

0.35P

5

J/C(4) D-108

3

0.35P

21

J/B (FUSE ⑬) 4 C

R

0.35R

3

·A/C-ECU
·CLOCK
·COLUMN SWITCH
·COMBINATION METER
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

37

CANL CANH +B IOD

KOS& OSS-ECU

SGND PGND

23 D-222 11 D-223

0.35B (B-W)

8

J/C(4) D-108

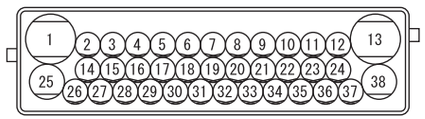
11

B-W

18

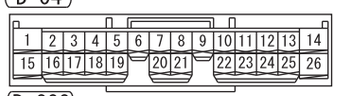
NOTE
*1 : EXCEPT VEHICLES FOR EUROPE (DOUBLE CAB) AND EXCEPT VEHICLES WITH ERA-GLONASS SYSTEM
*2 : VEHICLES FOR EUROPE (DOUBLE CAB) AND VEHICLES WITH ERA-GLONASS SYSTEM

A-02

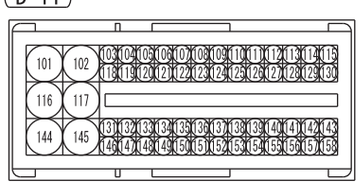


A-119 1

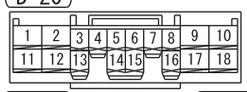
D-04



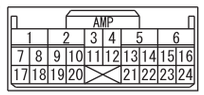
D-11



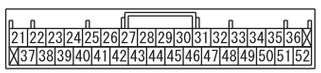
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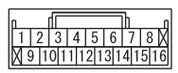
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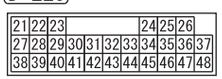
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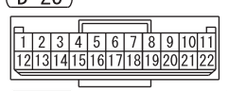
D-223



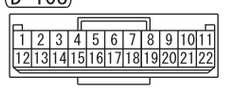
D-225



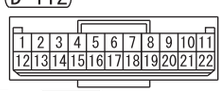
D-25



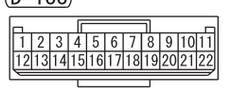
D-108



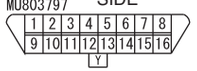
D-112



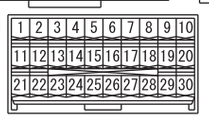
D-133



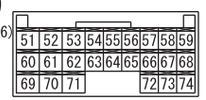
D-229 MU803797



D-237



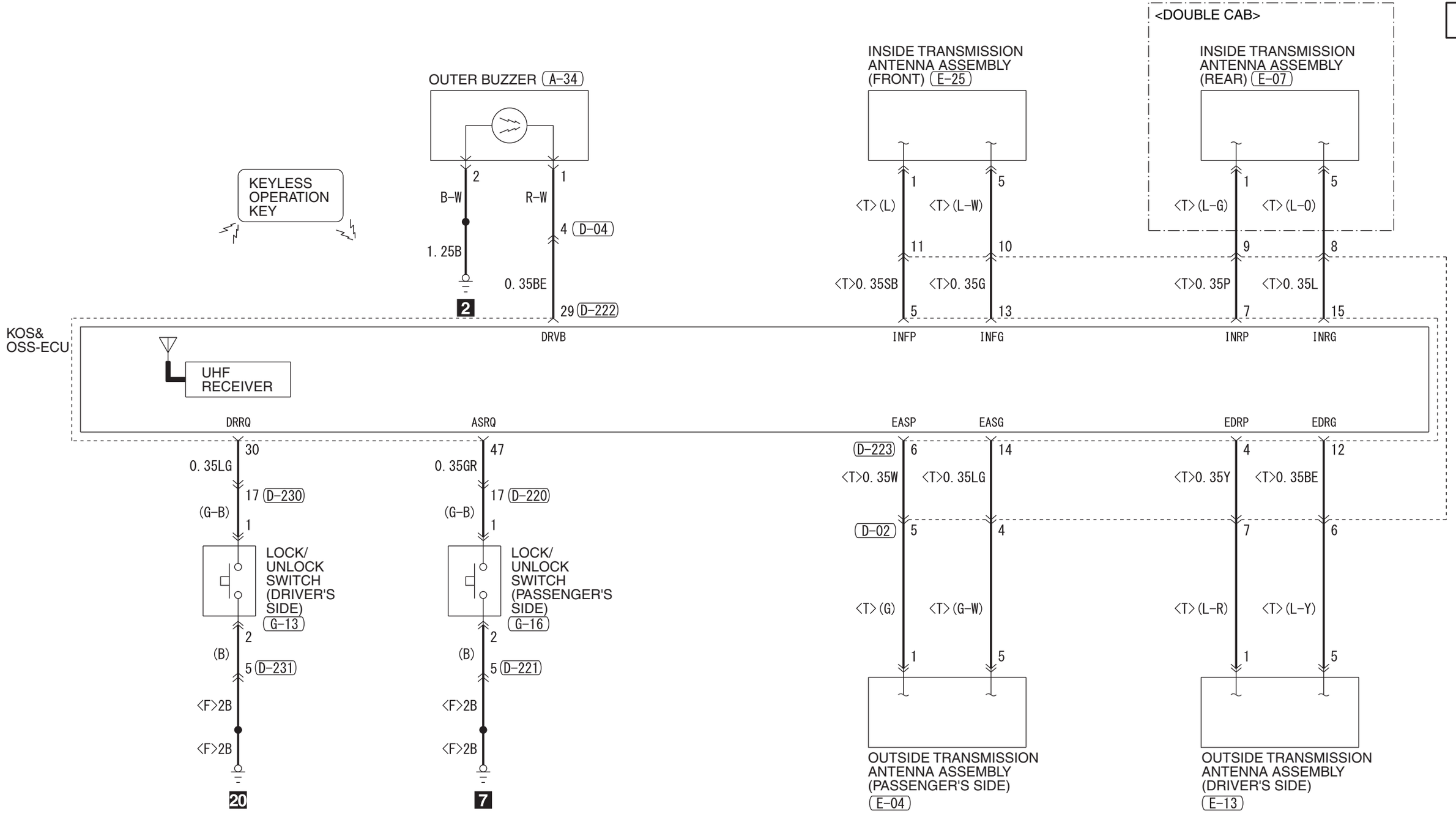
D-415 (MU803766)

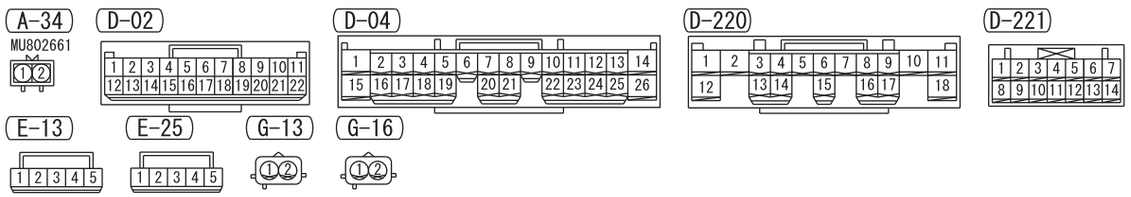


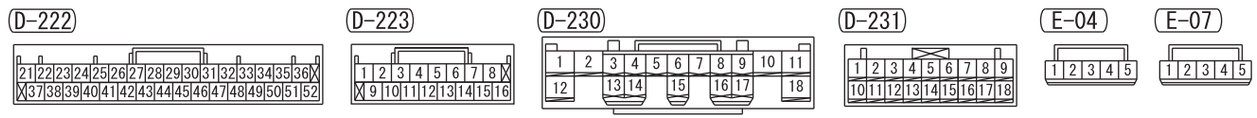
HHSM0E03CC

7

8







Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSM0E03DC

9

10

J/B

<DOUBLE CAB>

<CLUB CAB>

ETACS-ECU (D-415)

(ADSW) (DDSW) (DOOR) (DOOR)

63 51 61 61

0.35R 0.35LG 0.35BR 0.35BR

10 11 (D-14) 13 (D-02) 13 (D-02)

*6 *7 *6 *7

(BR-Y) (B-R) (Y-B) (Y-B)

5 (G-110) 5 (G-107)

(BR-Y) (B-R) (B-R) (B-R)

NOTE
*6 : SINGLE CAB OR DOUBLE CAB
*7 : CLUB CAB

3 3 3 3

OFF ON

FRONT DOOR SWITCH (PASSENGER'S SIDE) (E-01) *6 (G-105) *7

FRONT DOOR SWITCH (DRIVER'S SIDE) (E-16) *6 (G-112) *7

REAR DOOR SWITCH (LH) (E-14)

REAR DOOR SWITCH (RH) (E-05)

(Y-B) 4 (G-107) (Y-B) (Y-B) 4 (G-110) (Y-B)

1 1 1 1

ON OFF

REAR DOOR LATCH (LH) (LOWER) (G-103) (UPPER) (G-102)

REAR DOOR LATCH (RH) (LOWER) (G-114) (UPPER) (G-108)

2 2 2 2

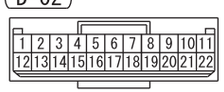
(B) (B) (B) (B)

3 3

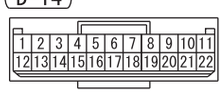
B B B B 2B 2B

24 25 22 23 9 10

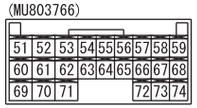
D-02



D-14



D-415 (MU803766)



E-01 (MU801536)



E-05 (MU801536)



E-14 (MU801536)



E-16 (MU801536)



G-102



G-103



G-105 (MU801536)



G-107



G-108



G-110



G-112 (MU801536)



G-114



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSM0E03EC

1

2

J/B

J/B
(FUSE ⑫)
4
B
1 D-404

ETACS- ECU

(D/LOCK)

DEAD LOCK RELAY — ON OFF

DOOR LOCK RELAY — ON OFF OFF ON

DOOR UNLOCK RELAY

(DSWL) (DSWU) (DLL) (AS-L) (AS-U) (ASWU) (CDSS)

36 41 39 23 22 D-416 60 D-415 35 D-416

0.35LG 0.35R 1.25G-W 1.25GR-B V-W V-W 1.25G-W 1.25GR-B R-W (G-W) 1.25G-W 1.25GR-B V-W R-W

D-13 1 4 5 12 D-02

LG 0.85L-B 0.85L-R BR LG 0.85L-R 0.85L-B BR

7 18 17 8 E-15 13 17 18 8 E-02

P 0.85L 0.85W BR P 0.85L 0.85W BR

8 1 2 5 7 4 3 10

(W) (BR) 0.85L-B 0.85L (Y) (Y-B) 0.85L-B 0.85L-R LG

13 14 D-220 6 7 4 D-221 4 6 7 D-231 14 D-230

8 7 4 3 10 5 1 2 8

LOCK UNLOCK

FRONT DOOR LOCK ACTUATOR (RH) G-12

FRONT DOOR LOCK ACTUATOR (LH) G-01

REAR DOOR LOCK ACTUATOR (LH) G-115

REAR DOOR LOCK ACTUATOR (RH) G-122

(B) 9 5 D-221 <F>2B <F>2B

B 6 5 D-231 <F>2B <F>2B

B 6 2 E-15 B

B 9 2 E-02 B

7 20 10 9

D-02 D-13 D-220 D-221 D-230 D-231 D-404 J/B SIDE D-415 (MU803766) D-416 (MU803765)

E-02 E-15 G-01 (MU801845) G-12 (MU801845) G-115 (MU801845) G-122 (MU801845)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White
Y : Yellow SB : Sky blue BR : Brown O : Orange GR : Grey
R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSM0E04AC

3

4

FUSIBLE LINK (5)

<F>15W

1 (A-119)

F16

15A

RELAY BOX

1.25GR

2 (D-407)

IG1 RELAY

<F>2GR

4 (D-402)

15

10A

L

0.35L

6 (D-405)

2

·A/C-ECU
·COLUMN SWITCH
·COMBINATION METER
·HAZARD INDICATOR ASSEMBLY
·SELECTOR LEVER ASSEMBLY
·TRANSFER-ECU

FUSIBLE LINK (2)

10R

1 (D-409)

26

20A

12

15A

J/B

5 (D-404)

68 (D-415)

20 (D-404)

ETACS-ECU

(HAZ1)

(IG1)

(ETACS +B)

13

15A

1
B

TURN-SIGNAL LAMP (LH)

FET

TURN-SIGNAL LAMP (RH)

FET

POWER SOURCE

GND (SGND)

GND (EARTH)

(TURN LH)

(TURN RH)

3

4

70 (D-415)

2

10

1 (D-418)

10

11 (D-406)

12 (D-403)

2 (D-405)

13 (D-403)

1.25B

G-Y

G-R

L-W

Y-B

L-W

Y-B

0.35B

0.35R

W-B

(F) 2B

(LH)

(RH)

(LH)

(RH)

(LH)

(RH)

REAR COMBINATION LAMP (TURN)

·FRONT COMBINATION LAMP (TURN)
·FRONT TURN-SIGNAL LAMP

·DOOR MIRROR ASSEMBLY (SIDE TURN-SIGNAL LAMP)
·SIDE TURN-SIGNAL LAMP

6
C

5
D

20

(A-119) 1

(D-402) MU801331

(D-403) MU801857

(D-404) J/B SIDE

(D-405) MU801839

(D-406) MU801855

(D-407) MU801867

(D-409) 1

(D-415) (MU803766)

(D-418) (MU801845)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

5

6

J/B (FUSE ⑫) 4 D

W-B

ETACS-ECU D-415

(CANL) (CANH)

65 56

<T>0.35G <T>0.35W

22 11

INPUT SIGNAL
INHIBITOR SWITCH

A/T-ECU D-24

CANL CANH

16 24

<T> (B-W) <T> (R)

13 14 D-20

<T>0.35G <T>0.35P

19 8

J/C (CAN1) D-133

18 7

<T>0.35L <T>0.35SB

21 10

J/C (CAN2) D-112

17 6 14 3 22 11

<T> (L-W) <T> (BR-W) <T>0.35L <T>0.35GR <T>0.35G <T>0.35P

16 14 6 20 21 11 12 D-04

DIAGNOSIS CONNECTOR D-229

4 5

B-W B-W

7

<T>0.35W <T>0.35LG

4 16

INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

CANL CANH

ASTC-ECU A-02

<T>0.35BR <T>0.35Y

109 108

(CANL) (CANH)

ENGINE-ECU D-11

NOTE
*1 : EXCEPT VEHICLES FOR EUROPE (DOUBLE CAB)
*2 : VEHICLES FOR EUROPE (DOUBLE CAB)

ETACS-ECU 2 A

R-W

48*1 16*2

SRS-ECU D-225 *1 D-237 *2

CDSS

CAN- CAN+

34*1 29*2 33*1 30*2

<T>G-W*1 <T>G*2 <T>L-W*1 <T>L*2

17 6

<T>0.35Y <T>0.35BE

51 35

CANL CANH

KOS& OSS-ECU

FUSIBLE LINK ⑤

<F>15W

1 A-119

RELAY BOX

F13

10A

0.35L

20 D-25

0.35P

5

J/C(4) D-108

3

0.35P

21 37

+B IOD

SGND PGND

23 D-222 11 D-223

0.35B

8

J/C(4) D-108

11

B-W

(B-W)

18

J/B (FUSE ⑬) 4 C

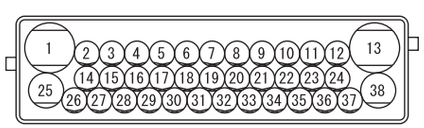
0.35R

3

0.35R

·A/C-ECU
·CLOCK
·COLUMN SWITCH
·COMBINATION METER
·DAB TUNER
·HANDS FREE-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

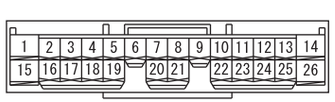
A-02



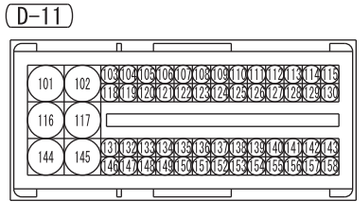
A-119



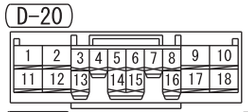
D-04



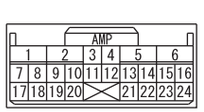
D-11



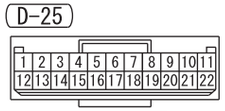
D-20



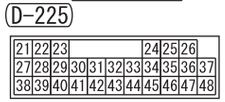
D-24



D-25

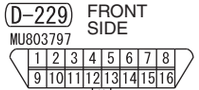


D-225



D-229

MU803797

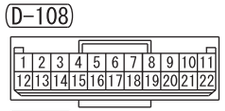


FRONT

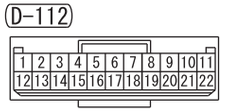
D-237



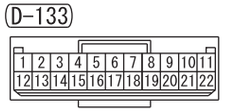
D-108



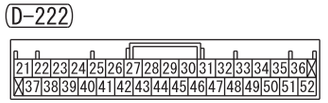
D-112



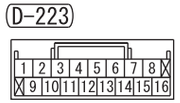
D-133



D-222

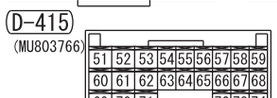


D-223



D-415

(MU803766)



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White
Y : Yellow SB : Sky blue BR : Brown O : Orange GR : Grey
R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSM0E04CC

7

8

KEYLESS OPERATION KEY

OUTER BUZZER (A-34)

2 B-W 1.25B

1 R-W 0.35BE 4 (D-04)

2

29 (D-222) DRVB

INSIDE TRANSMISSION ANTENNA ASSEMBLY (FRONT) (E-25)

1 <T>(L) 11

5 <T>(L-W) 10

<T>0.35SB 5 INFP

<T>0.35G 13 INFG

INSIDE TRANSMISSION ANTENNA ASSEMBLY (REAR) (E-07)

1 <T>(L-G) 9

5 <T>(L-O) 8

<T>0.35P 7 INRP

<T>0.35L 15 INRG

KOS& OSS-ECU

UHF RECEIVER

DRRQ ASSQ EASP EASG EDRP EDRG

0.35LG 30 17 (D-220) (G-B) 1

0.35GR 47 17 (D-230) (G-B) 1

LOCK/ UNLOCK SWITCH (DRIVER'S SIDE) (G-13)

LOCK/ UNLOCK SWITCH (PASSENGER'S SIDE) (G-16)

2 (B) 5 (D-221) <F>2B

2 (B) 5 (D-231) <F>2B

7

20

(D-223) 6 <T>0.35W 5 (D-02) <T>(G) 1

14 <T>0.35LG 4 <T>(G-W) 5

4 <T>0.35Y 7 <T>(L-R) 1

12 <T>0.35BE 6 <T>(L-Y) 5

OUTSIDE TRANSMISSION ANTENNA ASSEMBLY (PASSENGER'S SIDE) (E-04)

OUTSIDE TRANSMISSION ANTENNA ASSEMBLY (DRIVER'S SIDE) (E-13)

A-34 MU802661

D-02

D-04

D-220

D-221

E-04

E-07

E-13

E-25

G-13

G-16

D-222

D-223

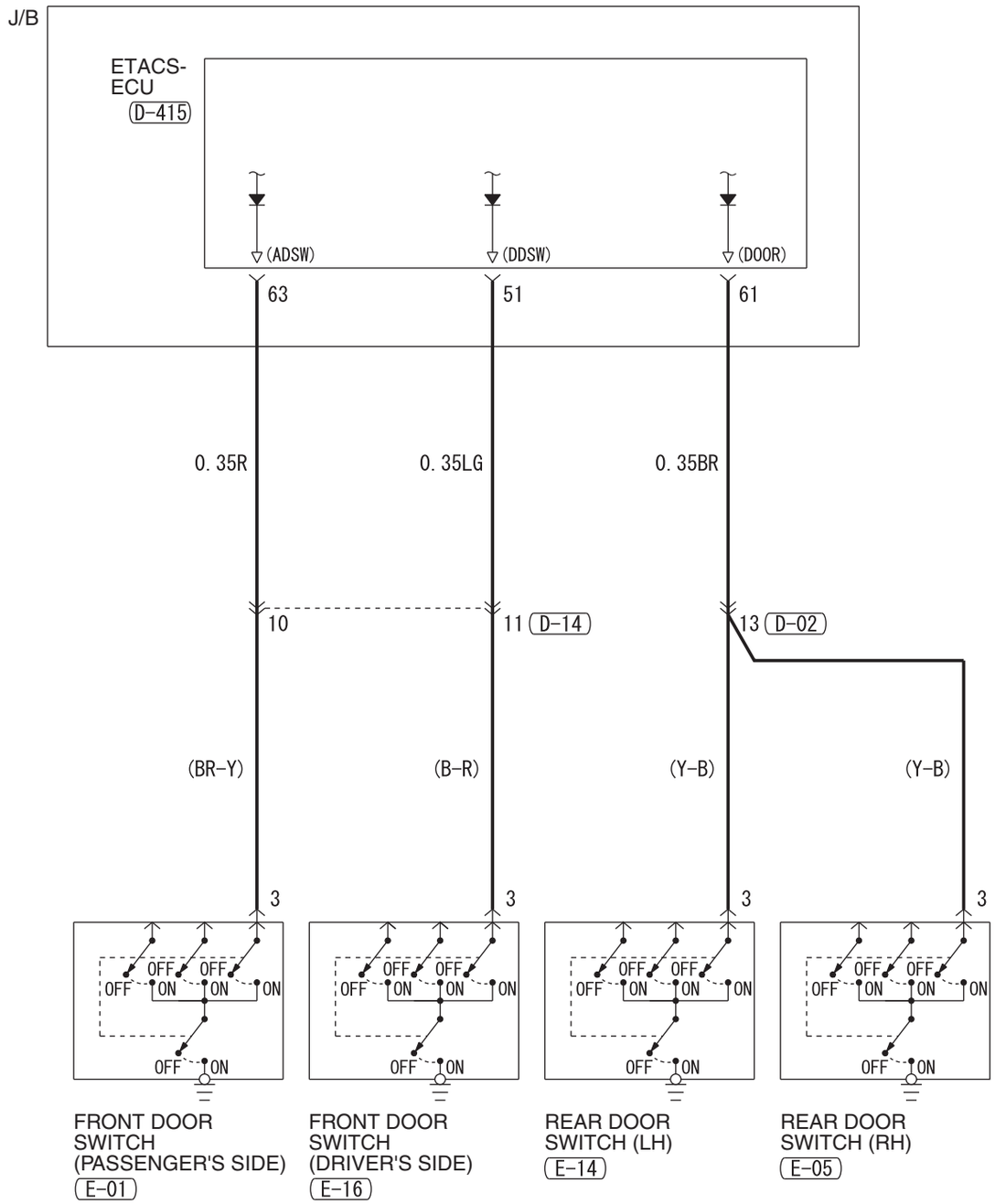
D-230

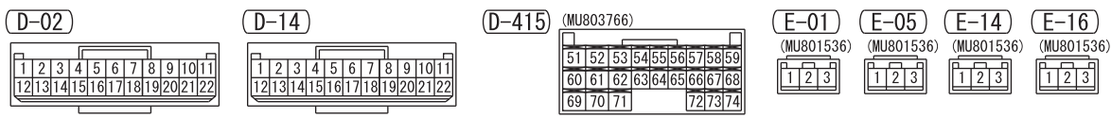
D-231

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSM0E04DC

9





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSM0E04EC

1

2

J/B

J/B
(FUSE⑫)
7
B
1 D-404

ETACS- ECU

(+B)

(DOOR LOCK RELAY)
ON
OFF OFF
ON
(DOOR UNLOCK RELAY)

(DSWL)
(DSWU)
(AS-L)
(AS-U)
(ASWU)

36
41
23
22 D-416
60 D-415

0.35LG
0.35R
1.25GR-B
1.25G-W
1.25G-W
1.25GR-B
(G-W)
(G-W)
1.25GR-B
1.25G-W

13
14 D-230
9
8 D-231
6
7 D-221
14 D-220

(W)
(BR)
0.85L
0.85L-B
0.85L-B
0.85L-R
LG

7
8
2
1
4
3
7

LOCK
UNLOCK
LOCK
UNLOCK
LOCK
UNLOCK

FRONT DOOR LOCK ACTUATOR (LH) G-01
FRONT DOOR LOCK ACTUATOR (RH) G-16

6
(B)
5 D-231
<F>2B
<F>2B
20

9
B
5 D-221
<F>2B
<F>2B
7

<DOUBLE CAB>

1
5
4 D-13

LG
0.85L-R
0.85L-B
7
17
18

P
0.85W
0.85L
8
2
1

LOCK
UNLOCK

REAR DOOR LOCK ACTUATOR (LH) G-115

6
B
2 E-15
B
10

LG
0.85L-R
0.85L-B
13
17
18

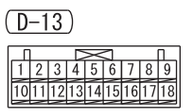
P
0.85W
0.85L
7
3
4

LOCK
UNLOCK

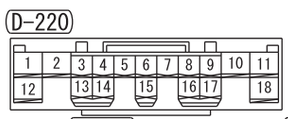
REAR DOOR LOCK ACTUATOR (RH) G-122

9
B
2 E-02
B
9

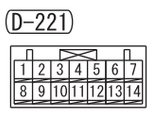
D-13



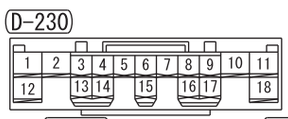
D-220



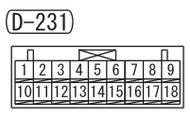
D-221



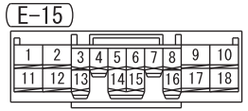
D-230



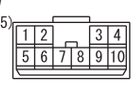
D-231



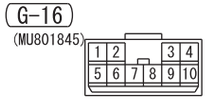
E-15



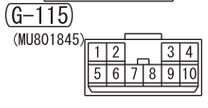
G-01 (MU801845)



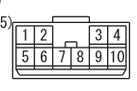
G-16 (MU801845)



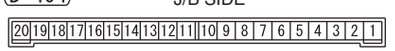
G-115 (MU801845)



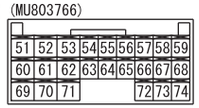
G-122 (MU801845)



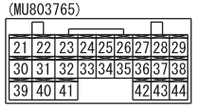
D-404 J/B SIDE



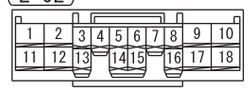
D-415 (MU803766)



D-416 (MU803765)



E-02



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSM0E01AC

3

4

FUSIBLE LINK (5)

<F>15W

1 (A-119)

RELAY BOX

F16

15A

1.25GR

2 (D-407)

J/B

5 (D-404)

ETACS-ECU

(HAZ1)

FET

FET

(TURN-SIGNAL LAMP (LH))

(TURN-SIGNAL LAMP (RH))

(TURN LH)

(TURN RH)

3

4

10

1 (D-418)

10

11 (D-406)

G-Y

G-R

L-W

Y-B

L-W

Y-B

(LH)

(RH)

REAR COMBINATION LAMP (TURN)

(LH)

(RH)

·FRONT TURN-SIGNAL LAMP
·FRONT COMBINATION LAMP (TURN)

(LH)

(RH)

·DOOR MIRROR ASSEMBLY (SIDE TURN-SIGNAL LAMP)
·SIDE TURN-SIGNAL LAMP

<VEHICLES WITH KEYLESS ENTRY SYSTEM>

KEYLESS ENTRY TRANSMITTER

KEYLESS ENTRY RECEIVER

(ADSW)

(DDSW)

(DOOR)

(HL1+)

D-415 63

51

61

53

0.35R

0.35LG

10

11 (D-14)

0.35BR

(R-W)

*1 *2

*1 *2

(BR-Y)

(BR-Y)

(B-R)

5 (G-110)

(B-R)

(B-R)

(B-R)

5 (G-107)

5 6

A

6

KEY REMINDER SWITCH (WHEN REMOVING KEY: ON) (D-306)

OFF ON

4

(B-W)

<F>2B

20

3

3

OFF OFF OFF ON ON ON

OFF ON

OFF OFF OFF ON ON ON

OFF ON

FRONT DOOR SWITCH (PASSENGER'S SIDE) (E-01) *1 (G-105) *2

FRONT DOOR SWITCH (DRIVER'S SIDE) (E-16) *1 (G-112) *2

NOTE
*1 : DOUBLE CAB
*2 : CLUB CAB

A-119

1

D-14

1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22

D-306

MU801547

1 2
3 4 5 6 7

D-404

J/B SIDE

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

D-406

MU801855

1 2 3 4 5
6 7 8 9 10 11 12 13

D-407

MU801867

1 2 3 4
5 6 7 8 9 10

D-415

(MU803766)

51 52 53 54 55 56 57 58 59
60 61 62 63 64 65 66 67 68
69 70 71 72 73 74

D-418

(MU801845)

1 2 3 4
5 6 7 8 9 10

E-01

(MU801536)

1 2 3

E-16

(MU801536)

1 2 3

G-105

(MU801536)

1 2 3

G-107

1 2 3 4
5 6 7 8

G-110

1 2 3 4
5 6 7 8

G-112

(MU801536)

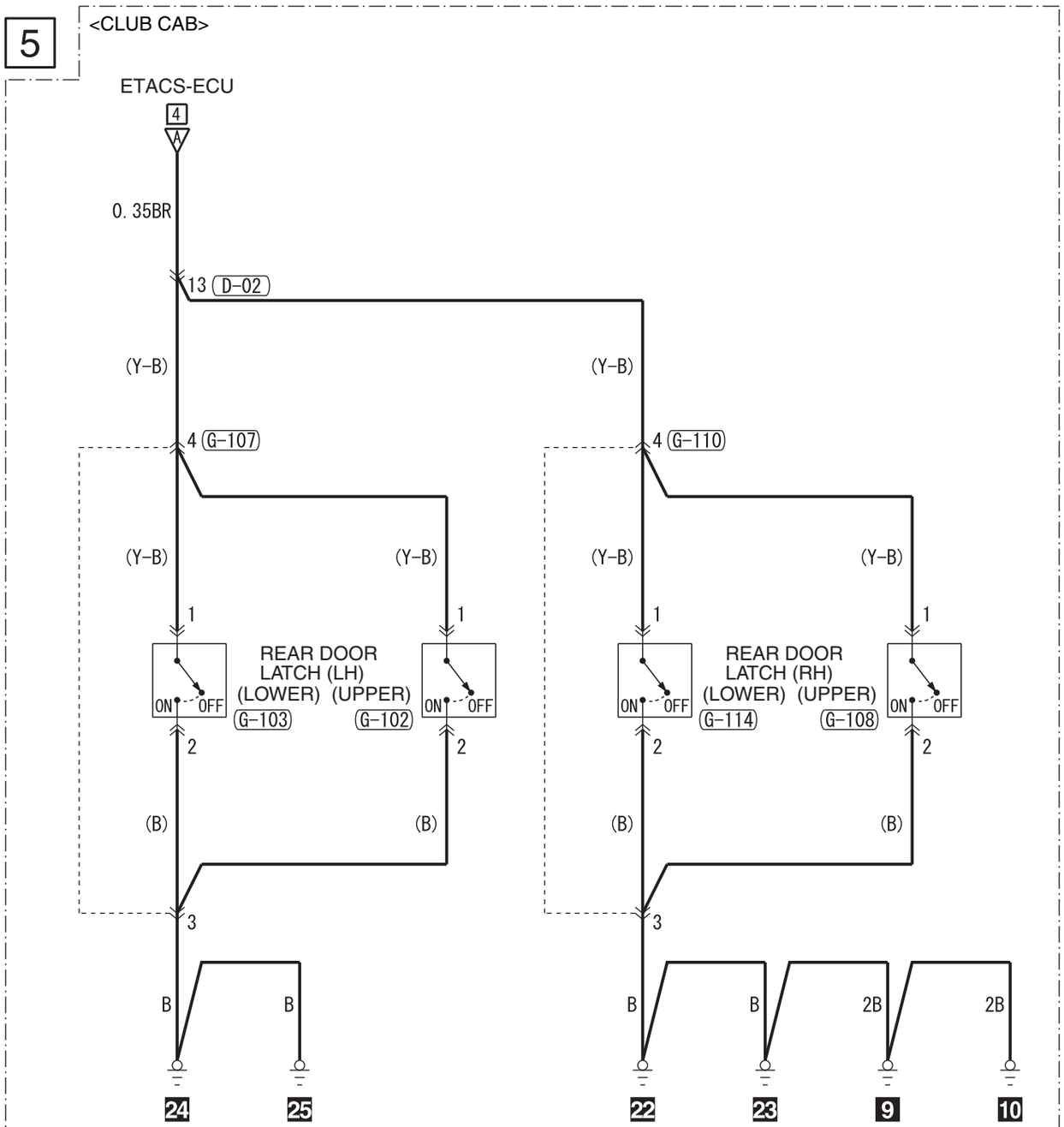
1 2 3

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

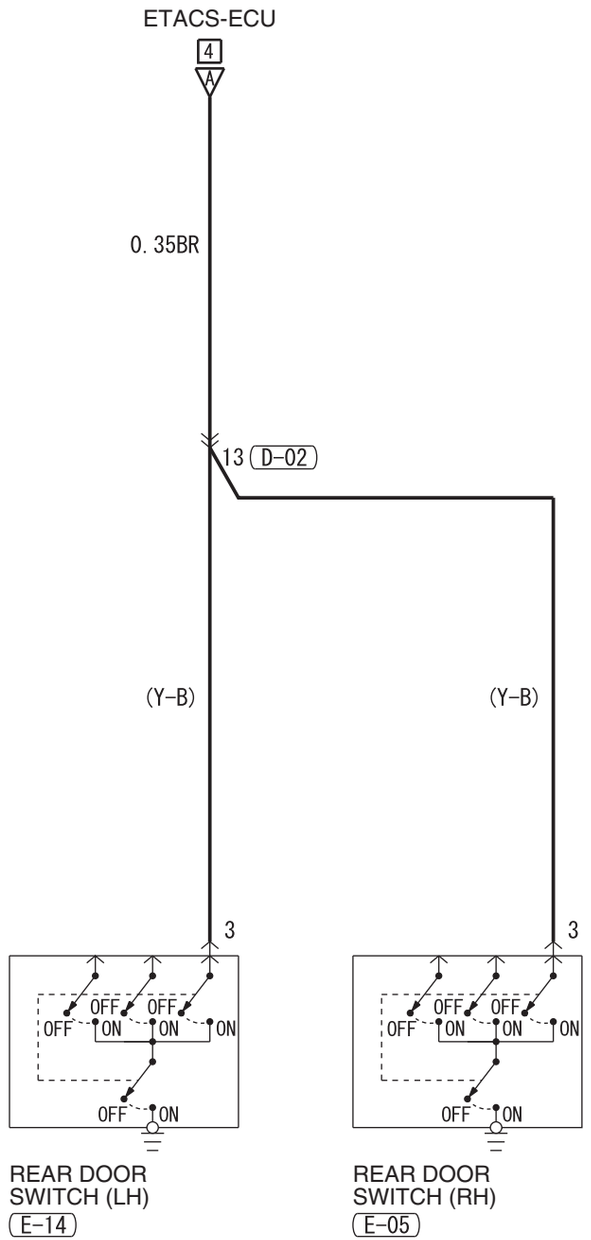
HHSM0E01BC

5

<CLUB CAB>

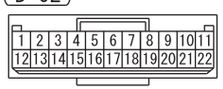


<DOUBLE CAB>



6

D-02



E-05 (MU801536)



E-14 (MU801536)



G-102



G-103



G-107



G-108



G-110



G-114



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

7

8

IGNITION SWITCH (IG1)

FUSIBLE LINK (2)

INPUT SIGNAL
INHIBITOR SWITCH

A/T-ECU (D-24)

ETACS-ECU

ENGINE-ECU (D-11)

<F>2GR

10R

4 (D-402)

1 (D-409)

J/B

15
10A

26
20A

12
15A

ETACS-ECU
68 (D-415)
20 (D-404)

(IG1)
(ETACS +B)
POWER SOURCE
GND (SGND)
GND (EARTH)

70
2

1
B

6 (D-405)
12
13 (D-403)

L
0.35L
1.25B

2

0.35B
<F>2B

·A/C-ECU
·COLUMN SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·SELECTOR LEVER ASSEMBLY
·TRANSFER-ECU

20

CANL
CANH

16
24

<T>(B-W)
<T>(R)

13
14 (D-20)

<T>0.35G
<T>0.35P

12
1

21
10

W-B
<T>(L-W)
<T>(BR-W)

DIAGNOSIS CONNECTOR (D-229)

16
14
6

4
5

B-W
B-W

20

(CANL)
(CANH)
(CDSS)

65
56 (D-415)

<T>0.35G
<T>0.35W

22
11

J/C (CAN1) (D-133)

18
7

<T>0.35L
<T>0.35SB

20
9

35 (D-416)

R-W*3
R*4

48*3
16*4

SRS-ECU
(D-225) *3
(D-237) *4

CDSS
CAN–
CAN+

34*3
29*4

33*3
30*4

<T>G-W*3
<T>G*4

<T>L-W*3
<T>L*4

18
7

(CANL)
(CANH)

109
108

<T>0.35BR
<T>0.35Y

11
12 (D-04)

<T>0.35G
<T>0.35P

21
10

J/C (CAN2) (D-112)

16
5

<T>0.35L
<T>0.35GR

20
21 (D-04)

<T>0.35W
<T>0.35LG

4
16

NOTE
*3 : EXCEPT VEHICLES FOR EUROPE (DOUBLE CAB) AND EXCEPT VEHICLES WITH ERA-GLONASS SYSTEM
*4 : VEHICLES FOR EUROPE (DOUBLE CAB) AND VEHICLES WITH ERA-GLONASS SYSTEM

INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

CANL
CANH

ASTC-ECU (A-02)

A-02

D-04

D-11

D-20

J/B SIDE

D-24

AMP

D-112

D-404

D-405

MU801839

D-409

D-133

D-225

D-229

FRONT SIDE

MU803797

D-237

D-402

MU801331

D-403

MU801857

D-415

(MU803766)

D-416

(MU803765)

HHSM0E01DC

1

2

J/B

J/B
(FUSE⑫)
7
B
1 D-404

ETACS- ECU

(D/LOCK)

DEAD LOCK RELAY
ON OFF

DOOR LOCK RELAY
ON OFF OFF

DOOR UNLOCK RELAY
ON

(DSWL) (DSWU) (DLL) (AS-L) (AS-U) (ASWU)

36 41 39 23 22 D-416 60 D-415

0.35LG 0.35R 1.25G-W 1.25GR-B V-W V-W 1.25G-W 1.25GR-B R-W

13 14 D-220 6 7 4 D-221 4 6 7 D-231 14 D-230

(W) (BR) 0.85L-B 0.85L (Y) (Y-B) 0.85L-B 0.85L-R LG

8 7 4 3 10 5 1 2 8

LOCK UNLOCK

FRONT DOOR LOCK ACTUATOR (RH) G-12

FRONT DOOR LOCK ACTUATOR (LH) G-01

9 (B) 5 D-221 <F>2B <F>2B

7

6 B 5 D-231 <F>2B <F>2B

20

(G-W) 1.25G-W 1.25GR-B V-W

D-13 1 4 5 12 D-02

<DOUBLE CAB>

LG 0.85L-B 0.85L-R BR

7 18 17 8 E-15

P 0.85L 0.85W BR

8 1 2 5

LOCK UNLOCK

REAR DOOR LOCK ACTUATOR (LH) G-115

6 B 2 E-15 B

10

LG 0.85L-R 0.85L-B BR

13 17 18 8 E-02

P 0.85L 0.85W BR

7 4 3 10

LOCK UNLOCK

REAR DOOR LOCK ACTUATOR (RH) G-122

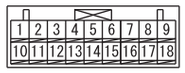
9 B 2 E-02 B

9

D-02



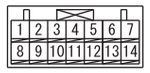
D-13



D-220



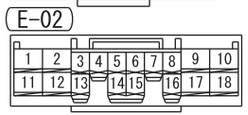
D-221



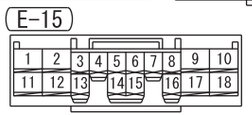
D-230



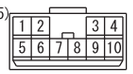
E-02



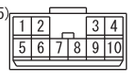
E-15



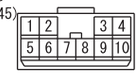
G-01 (MU801845)



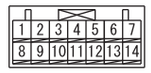
G-12 (MU801845)



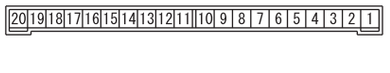
G-115 (MU801845)



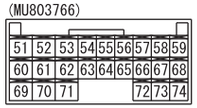
D-231



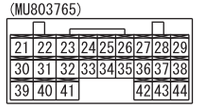
D-404 J/B SIDE



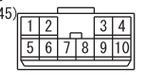
D-415 (MU803766)



D-416 (MU803765)



G-122 (MU801845)



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White
Y : Yellow SB : Sky blue BR : Brown O : Orange GR : Grey
R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSM0E02AC

3

4

FUSIBLE LINK (5)

<F>15W

1 (A-119)

RELAY BOX

(F16)

15A

1.25GR

2 (D-407)

J/B

5 (D-404)

ETACS-ECU

(HAZ1)

(TURN-SIGNAL LAMP (LH))

FET

FET

(TURN-SIGNAL LAMP (RH))

(TURN LH)

(TURN RH)

3

4

10

1 (D-418)

10

11 (D-406)

G-Y

G-R

L-W

Y-B

L-W

Y-B

(LH)

(RH)

REAR COMBINATION LAMP (TURN)

(LH)

(RH)

·FRONT TURN-SIGNAL LAMP
·FRONT COMBINATION LAMP (TURN)

(LH)

(RH)

·DOOR MIRROR ASSEMBLY (SIDE TURN-SIGNAL LAMP)
·SIDE TURN-SIGNAL LAMP

KEYLESS ENTRY TRANSMITTER

KEYLESS ENTRY RECEIVER

(ADSW)

(DDSW)

(DOOR)

(HL1+)

D-415 63

51

61

53

0.35R

0.35LG

0.35BR

(R-W)

10

11 (D-14)

6

*1 *2

*1 *2

(BR-Y)

(B-R)

5 (G-107)

5 (G-110)

(BR-Y)

(B-R)

(B-R)

(B-R)

5 6

A

KEY REMINDER SWITCH (WHEN REMOVING KEY: ON)

D-306

OFF ON

4

(B-W)

<F>2B

7

3

3

OFF OFF OFF ON ON ON

OFF ON

OFF OFF OFF ON ON ON

OFF ON

FRONT DOOR SWITCH (PASSENGER'S SIDE)

E-01 *1 G-105 *2

FRONT DOOR SWITCH (DRIVER'S SIDE)

E-16 *1 G-112 *2

NOTE
*1 : SINGLE CAB OR DOUBLE CAB
*2 : CLUB CAB

A-119

1

D-14

1 2 3 4 5 6 7 8 9 10 11
12 13 14 15 16 17 18 19 20 21 22

D-306

MU801547

1 2
3 4 5 6 7

D-404

J/B SIDE

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

D-406

MU801855

1 2 3 4 5
6 7 8 9 10 11 12 13

D-407

MU801867

1 2 3 4
5 6 7 8 9 10

D-415

(MU803766)

51 52 53 54 55 56 57 58 59
60 61 62 63 64 65 66 67 68
69 70 71 72 73 74

D-418

(MU801845)

1 2 3 4
5 6 7 8 9 10

E-01

(MU801536)

1 2 3

E-16

(MU801536)

1 2 3

G-105

(MU801536)

1 2 3

G-107

1 2 3 4
5 6 7 8

G-110

1 2 3 4
5 6 7 8

G-112

(MU801536)

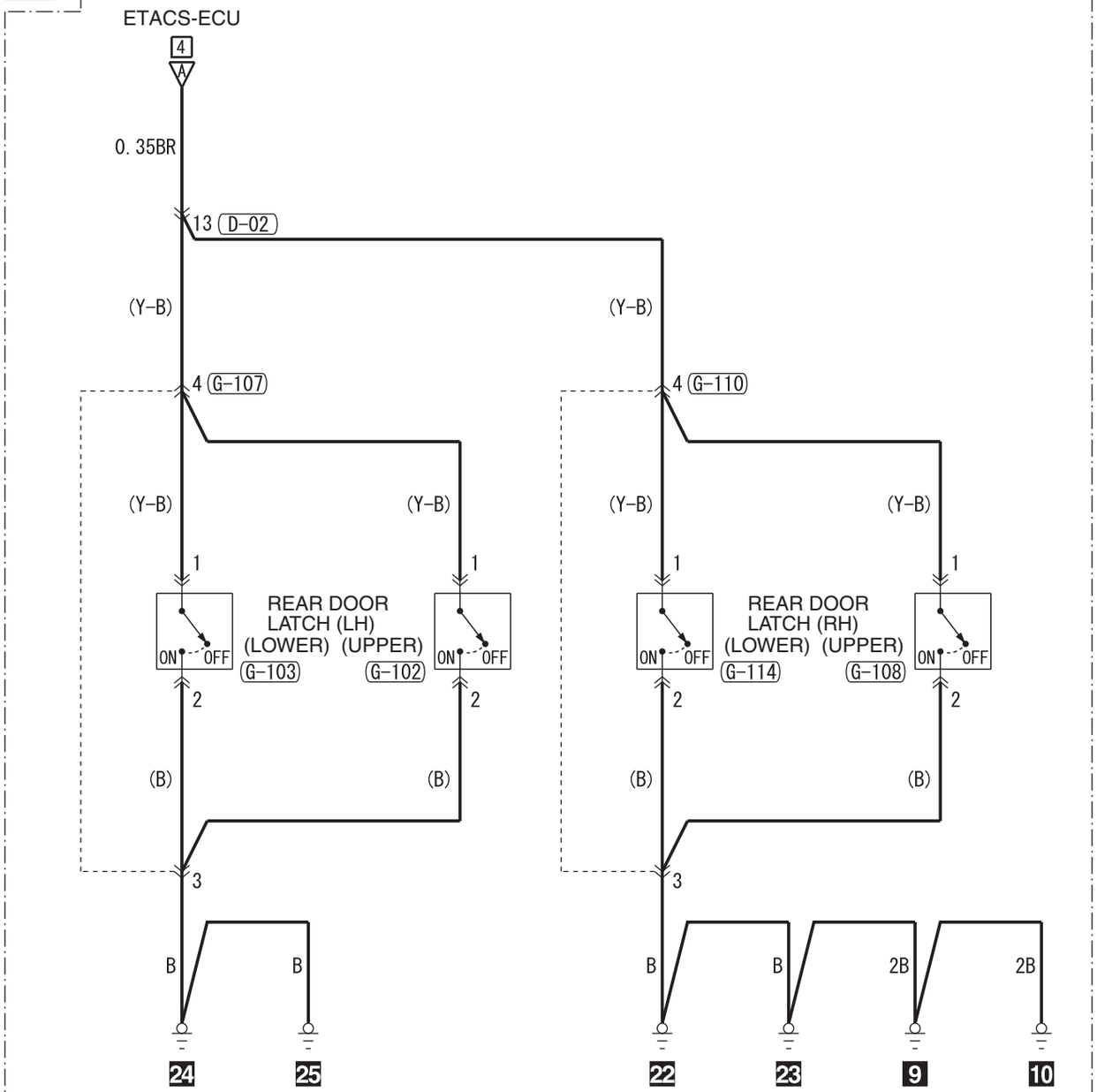
1 2 3

Wire colour code
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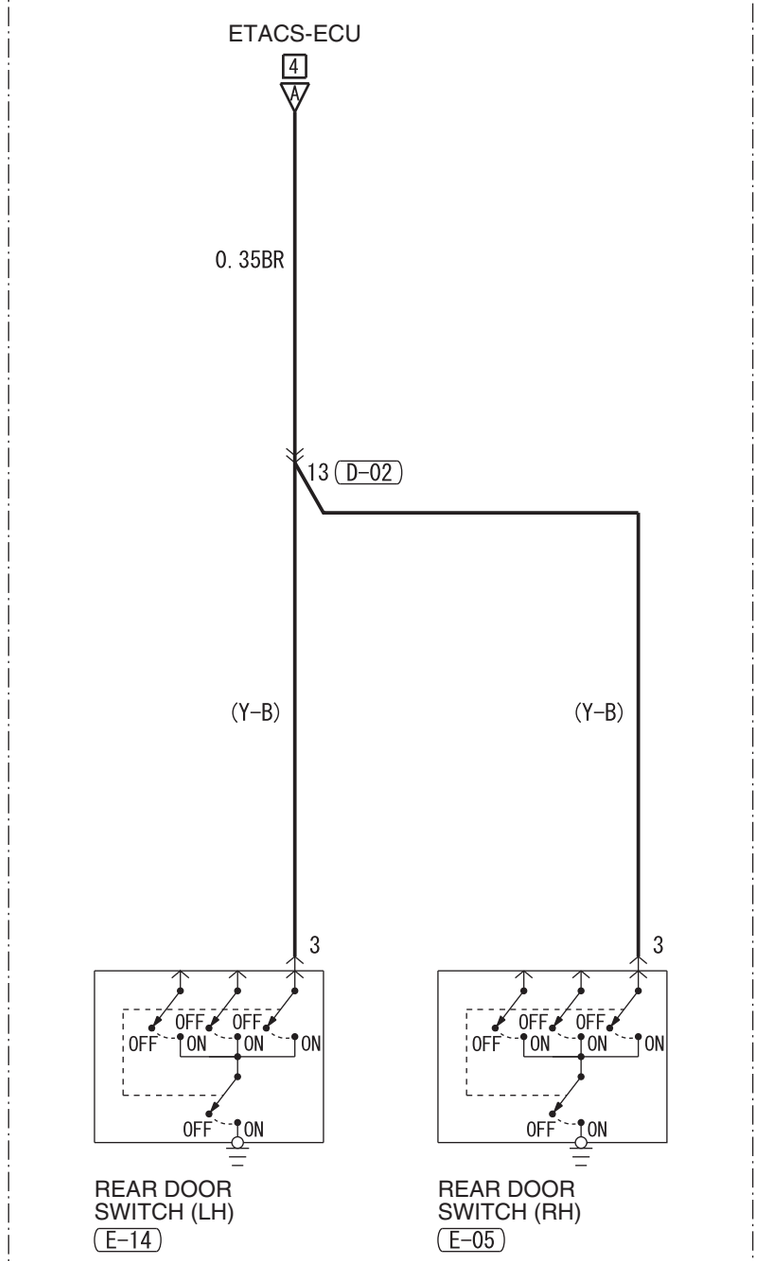
HHSM0E02BC

5

<CLUB CAB>

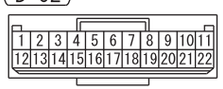


<CLUB CAB>



6

D-02



E-05 (MU801536)



E-14 (MU801536)



G-102



G-103



G-107



G-108



G-110



G-114



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

7

8

IGNITION SWITCH (IG1)

FUSIBLE LINK (2)

INPUT SIGNAL
INHIBITOR SWITCH

A/T-ECU (D-24)

ETACS-ECU

ENGINE-ECU (D-11)

<F>2GR

10R

4 (D-402)

1 (D-409)

J/B

15
10A

26
20A

12
15A

ETACS-ECU

68 (D-415)

20 (D-404)

(IG1)

(ETACS +B)

POWER SOURCE

GND (SGND)

GND (EARTH)

70

2

1
B

CANL

CANH

16

24

13

14 (D-20)

<T> (B-W)

<T> (R)

<T>0.35G

<T>0.35P

19

8

(CANH)

(CANL)

(CDSS)

56

65 (D-415)

35 (D-416)

R-W

48 *3
16 *4

<T>0.35W

<T>0.35G

SRS-ECU
(D-225) *3
(D-237) *4

CDSS

CAN−

CAN+

34 *3
29 *4

33 *3
30 *4

<T>G-W *3
<T>G *4

<T>L-W *3
<T>L *4

17

6

11

22

J/C(CAN1) (D-133)

(CANH)

(CANL)

108

109

<T>0.35Y

<T>0.35BR

12

11 (D-04)

<T>0.35P

<T>0.35G

7

18

<T>0.35SB

<T>0.35L

10

21

11

22

J/C (CAN2) (D-112)

6 (D-405)

12

13 (D-403)

L

0.35L

1.25B

0.35B

<F>2B

W-B

6

17

3

14

<T> (BR-W)

<T> (L-W)

<T>0.35GR

<T>0.35L

21

20 (D-04)

<T>0.35LG

<T>0.35W

16

4

·A/C-ECU
·COLUMN SWITCH
·COMBINATION METER
·HAZARD INDICATOR ASSEMBLY
·SELECTOR LEVER ASSEMBLY
·TRANSFER-ECU

20

DIAGNOSIS CONNECTOR (D-229)

16

6

14

4

5

B-W

B-W

7

NOTE
*3 : EXCEPT VEHICLES FOR EUROPE (DOUBLE CAB)
*4 : VEHICLES FOR EUROPE (DOUBLE CAB)

INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

CANH

CANL

ASTC-ECU (A-02)

A-02

D-04

D-11

D-20

D-24

AMP

D-112

D-404

J/B SIDE

D-405

MU801839

D-409

D-133

D-225

D-229

MU803797

FRONT SIDE

D-237

D-402

MU801331

D-403

MU801857

D-415

(MU803766)

D-416

(MU803765)

HHSM0E02DC

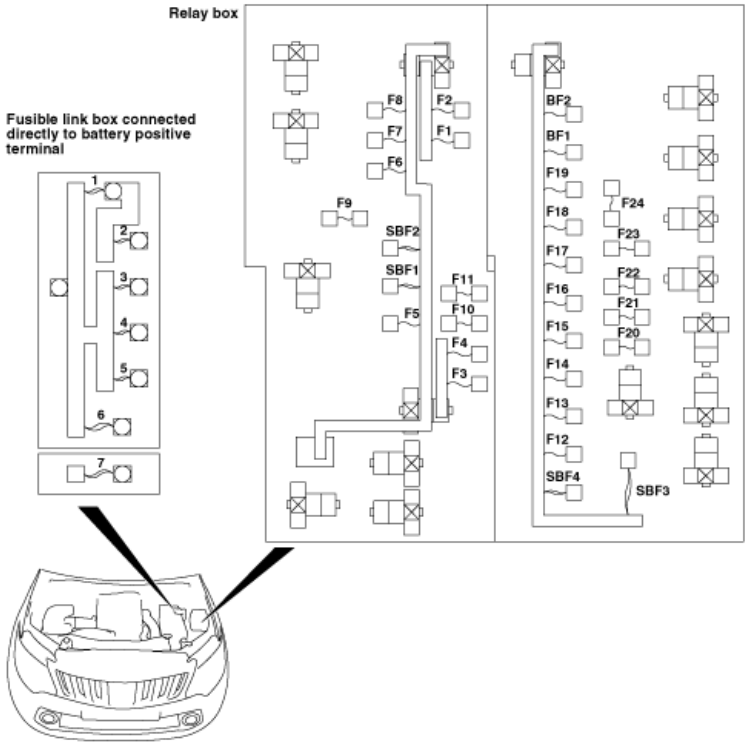
CENTRALIZED JUNCTION

FUSIBLE LINK AND FUSE

ENGINE COMPARTMENT

No.	Power supply circuit	Name	Rated capacity (A)	Housing colour	Load circuit
SBF1	Fusible link No.3	Fusible link	30	Pink	Fuse No. F9 and F11
SBF2			30	Pink	ASTC-ECU
SBF3	Fusible link No.5		40	Green	Fuse No. F20, ACC relay circuit, ETACS-ECU (tail lamp relay circuit), IG1 relay circuit, IG2 relay circuit, ignition switch circuit and starter
SBF4			30	Pink	Power window main switch and power window motor
BF1		Fuse	-	-	-
BF2			30	Pink	DC/DC converter
F1	Headlamp relay (LO)		15	Blue	Front combination lamp (LH), headlamp (LH), headlamp levelling unit and headlamp manual levelling switch
F2			15	Blue	Headlamp (RH) and front combination lamp (RH)
F3	Headlamp relay (HI)		10	Red	Headlamp (LH) and front combination lamp (LH)
F4			10	Red	Headlamp (RH) and front combination lamp (RH)
F5	Fusible link No.3		10	Red	Horn
F6			15	Blue	Front fog lamp and front fog lamp relay
F7			10	Red	Daytime running lamp and front combination lamp
F8			20	Yellow	-
F9	Fusible link No.SBF1		20	Yellow	Transfer-ECU
F10	-		-	-	-
F11	Fusible link No.SBF1		20	Yellow	Headlamp washer motor and headlamp washer relay
F12	Fusible link No.5		15	Blue	ASTC-ECU, ETACS-ECU, high-mounted stop lamp, KOS&OSS-ECU and rear combination lamp (stop)
F13			10	Red	Electric steering lock, engine switch and KOS&OSS-ECU
F14			7.5	Brown	Engine-ECU
F15			7.5	Brown	Alternator
F16			15	Blue	ETACS-ECU (turn-signal lamp FET)
F17			20	Yellow	A/T-ECU

F18	Fusible link No.5		20	Yellow	A/C compressor and clutch assembly
F19			20	Yellow	Fuel line heater
F20	Starter relay		7.5	Brown	Engine-ECU
F21	-		-	-	-
F22	Engine control relay		-	-	-
F23			20	Yellow	Air flow sensor, AS&G-ECU, EGR cooler bypass control solenoid valve, engine-ECU, glow control unit, oil feeder control valve and variable geometry control solenoid valve
F24	-		-	-	-
1	Battery/Alternator	Fusible link	175	-	Alternator and fusible link No.2/Fusible link No.3 to 7
2	Fusible link No.1/ Alternator		100	-	Fuse No. 5, 6, 11, 12, 17, 18, 22, 23, 24 and 26
3	Battery/Fusible link No.1		120	-	Fusible link No. SBF1 and SBF2, fuse No. F1 to F8, headlamp relay (HI) and headlamp relay (LO)
4			60	-	ASTC-ECU
5			120	-	Fusible link No. SBF3 and SBF4, fuse No. BF1, BF2, F12 to F19, F23, engine control relay and PTC heater
6			60	-	Glow control unit
7			60	-	PTC heater



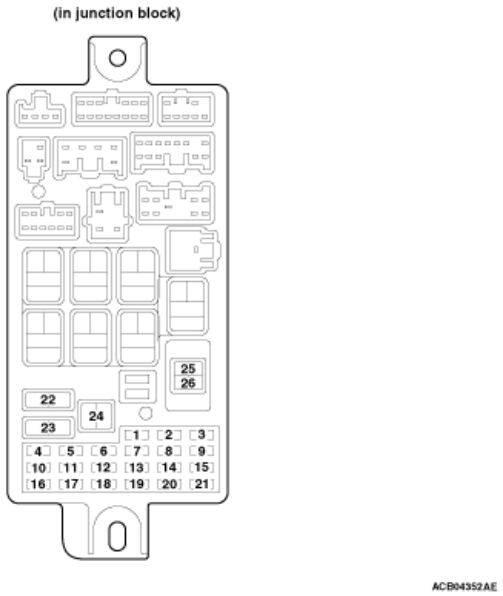
PASSENGER COMPARTMENT

No.	Power supply circuit	Name	Rated capacity (A)	Housing colour	Load circuit
1	ETACS-ECU (tail lamp relay)	Fuse	7.5	Brown	Licence plate lamp, position lamp (LH), front combination lamp (position: LH) and rear combination lamp (tail: LH)
2	Ignition switch (ACC)*1 ACC relay*2		15	Blue	Cigarette lighter
3	Ignition switch (IG1)*1 IG1 relay*2		10	Red	A/T control relay and engine-ECU
4			7.5	Brown	Engine-ECU

	Ignition switch (ST) *1				
5	Fusible link No.2		-	-	-
6			15	Blue	Accessory socket
7	ETACS-ECU (tail lamp relay)		7.5	Brown	A/C-ECU, ASC OFF switch, AS&G OFF switch, clock, clock spring (cruise control switch, steering wheel multi-function switch), combination meter, drive mode-selector, emergency call switch, front combination lamp (position: RH), glove box lamp, hazard indicator assembly, hazard warning lamp switch, headlamp manual levelling switch, heated seat switch, heater controller assembly, LDW switch, multivision display, position lamp (RH), radio/CD player, rear combination lamp (tail: RH), rear differential lock switch, selector lever assembly and spare connector (for audio)
8	Ignition switch (ACC) *1 ACC relay *2		7.5	Brown	Door mirror assembly
9	Ignition switch (IG1) *1 IG1 relay *2		7.5	Brown	AS&G-ECU and Engine-ECU
10	Ignition switch (IG2) *1 IG2 relay *2		7.5	Brown	ETACS-ECU and inside rear view mirror assembly
11	Fusible link No.2		10	Red	Rear combination lamp (rear fog), rear fog lamp and rear fog lamp relay
12			15	Blue	Diagnosis connector, door lock actuator and ETACS-ECU (dead lock relay, door lock relay, door mirror fold relay, door mirror unfold relay and door unlock relay)
13	Fuse No.26		15	Blue	A/C-ECU, clock, column switch, combination meter, DAB tuner, emergency call control unit, front room lamp, hands free-ECU, key reminder switch, KOS&OSS-ECU, lighting control sensor, multivision display, radio/CD player, rear room lamp and spare connector (for audio)
14	Ignition switch (ACC) *1 ACC relay *2		-	-	-
15	Ignition switch (IG1) *1 IG1 relay *2		10	Red	A/C-ECU, AS&G-ECU, ASTC-ECU, emergency call control unit, emergency call relay box, engine-ECU, spare connector (for trailer), SRS-ECU, stop lamp relay, column switch, combination meter, ETACS-ECU, hazard indicator assembly, LDW-ECU, selector lever assembly, steering wheel sensor and transfer-ECU
16	Ignition switch (IG2) *1 IG2 relay *2		7.5	Brown	A/C compressor relay, blower relay, fuel line heater relay, heated seat relay, heater controller assembly, PTC heater relay A to C and rear window defogger relay

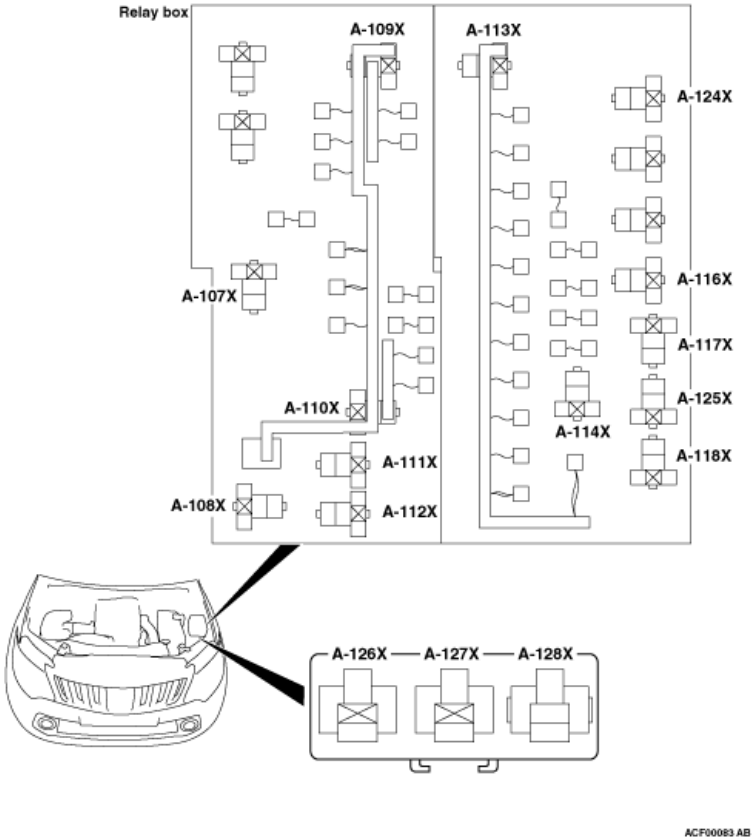
17	Fusible link No.2		20	Yellow	Heated seat and heated seat switch
18			10	Red	-
19	Rear window defogger relay		7.5	Brown	Door mirror assembly and heater controller assembly
20	Ignition switch (ACC)*1 ACC relay*2		20	Yellow	ETACS-ECU (windshield washer relay, wiper automatic stop relay and wiper speed switching relay), washer motor and windshield wiper motor
21	Ignition switch (IG1) *1 IG1 relay*2		7.5	Brown	A/T-ECU, ETACS-ECU, inside rear view mirror assembly, multivision display, radio/CD player, spare connector (for audio), rear combination lamp (back) and SRS-ECU
22	Fusible link No.2		30	Green	Fuse No.19 and rear window defogger
23			30	Green	Blower motor
24		Fusible link	40	Green	Power seat assembly
25	Ignition switch (ACC)*1 ACC relay*2	Fuse	10	Red	Accessory socket relay, clock, DC/DC converter, ETACS-ECU, key interlock solenoid, multivision display, radio/CD player, selector lever assembly and spare connector (for audio)
26	Fusible link No.2		20	Yellow	Fuse No.13 and ETACS-ECU

note	1. *1: Vehicles without KOS 2. *2: Vehicles with KOS



CENTRALIZED RELAY

Connector No.	Name	Connector No.	Name
A-107X	Horn relay	A-116X	A/C compressor relay
A-108X	Headlamp washer relay	A-117X	A/T control relay
A-109X	Headlamp relay (LO)	A-118X	Starter relay
A-110X	Headlamp relay (HI)	A-124X	Fuel line heater relay <Vehicles for Russia>
A-111X	Daytime running lamp relay	A-125X	Starter cut relay <Vehicles with AS&G system>
A-112X	Front fog lamp relay	A-126X	PTC heater relay A
A-113X	Engine control relay	A-127X	PTC heater relay B
A-114X	Power window relay	A-128X	PTC heater relay C


Relay box
A-109X
A-113X
A-124X
A-107X
A-116X
A-117X
A-110X
A-125X
A-114X
A-111X
A-118X
A-108X
A-112X
A-126X
A-127X
A-128X
ACF00083 AB

Charging system

1

2

FUSIBLE LINK①

FUSIBLE LINK⑤

<F>15W

1 A-119

RELAY BOX

F15

7.5A

<VEHICLES FOR EUROPE>

ENGINE-ECU

ALTF ALTL ALTG BTS BTS AFSE ECB5 ECB ECB

141 D-11 8 D-09 121 D-11 39 D-09 132 155 148 138 D-11 39 D-09

AIR FLOW SENSOR

<F>10W <F>10W 0.35Y 0.35GR GR 0.35W SB P

5 4 A-121 3 A-121 10 A-121 10 D-03

(Y) V G G G W-B 0.35V 0.35R 0.35R

A-123 10 8 5 7

<F>W-R <F>R-B <F>W <F>Y-R

B-21 2 4 3 1

Euro 5b Euro 6b Euro 5b Euro 6b

1 B-22

Ⓑ Ⓢ FR Ⓛ Ⓖ

2 3 1 4

FIELD COIL

STATOR COIL STATOR COIL

IC VOLTAGE REGULATOR

BATTERY TEMPERATURE SENSOR

BATTERY CURRENT SENSOR A-44

ALTERNATOR

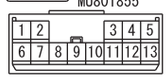
A-44 (MU001430)



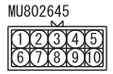
A-119



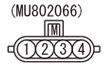
A-121 MU801855



A-123 MU802645



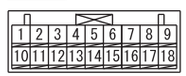
B-21 (MU802066)



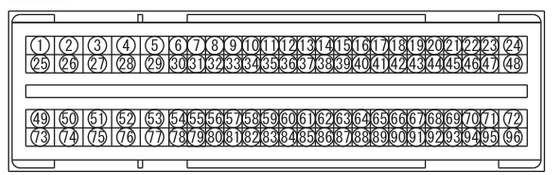
B-22



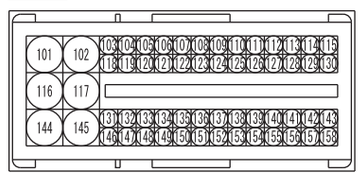
D-03



D-09



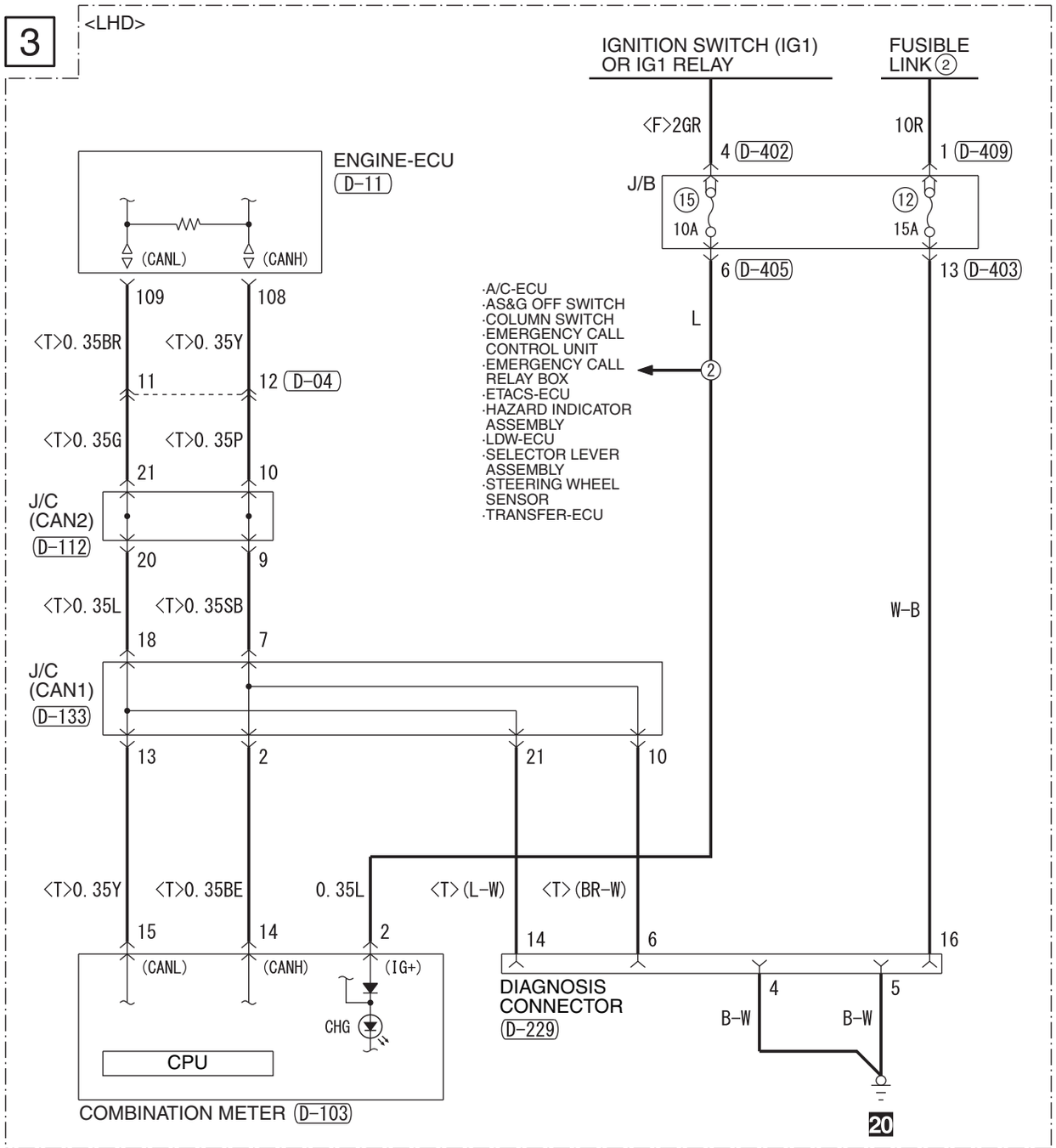
D-11



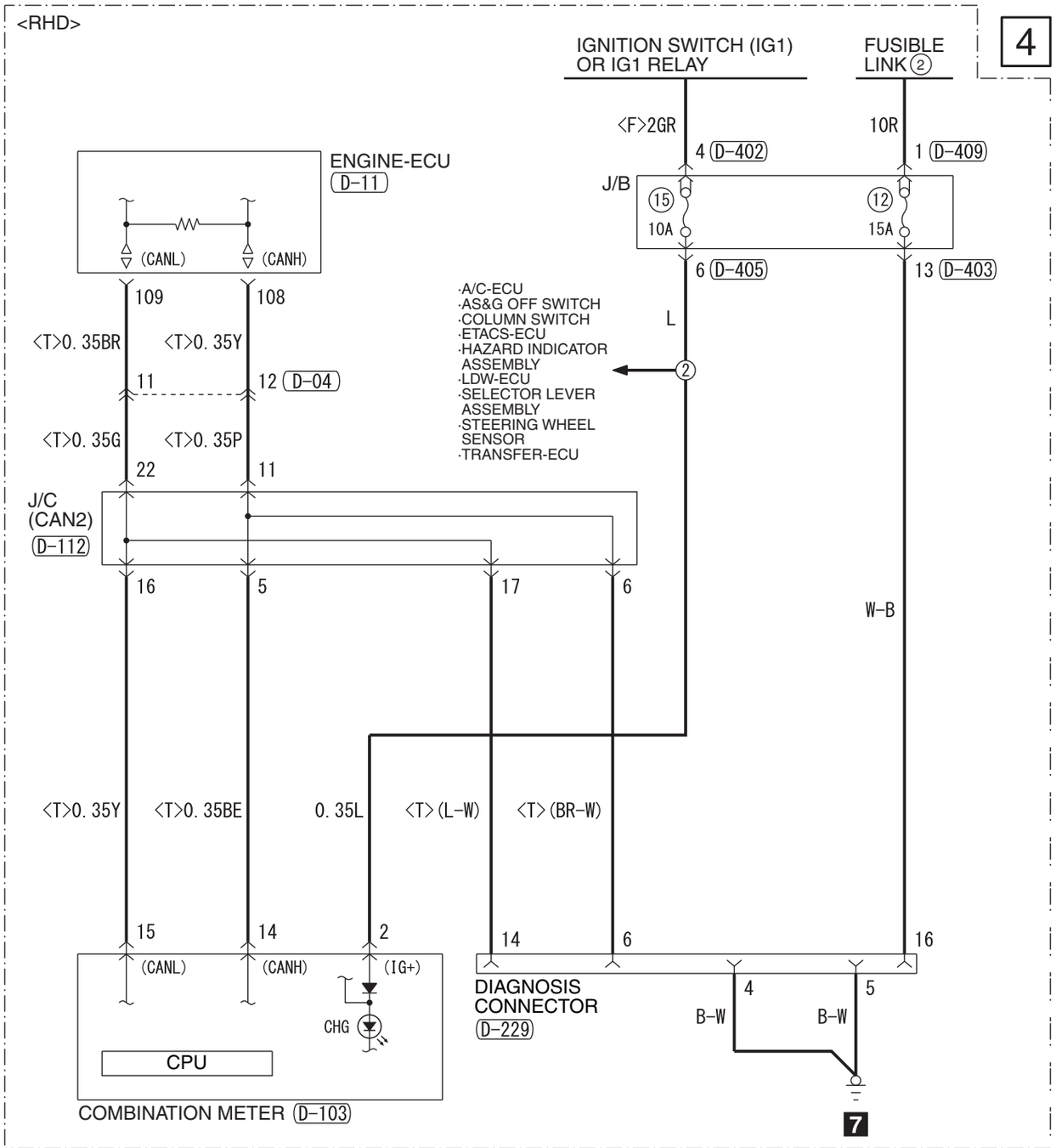
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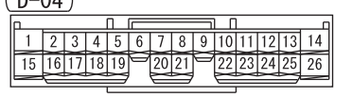
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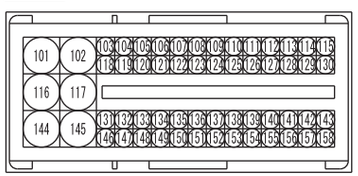
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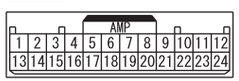
D-04



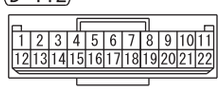
D-11



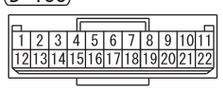
D-103



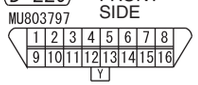
D-112



D-133



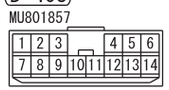
D-229



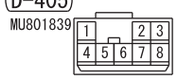
D-402



D-403



D-405



D-409

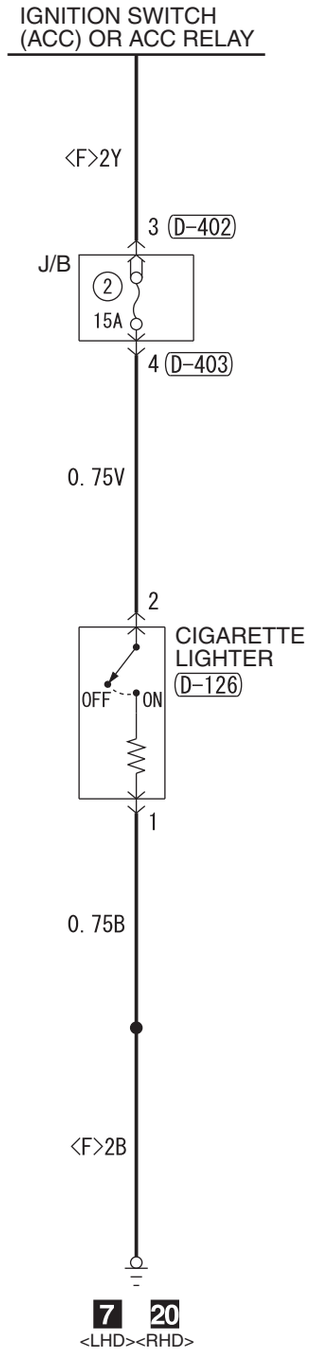


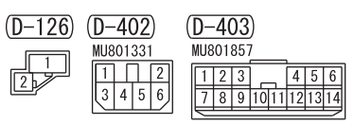
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSE0E00BC

1

Cigarette lighter



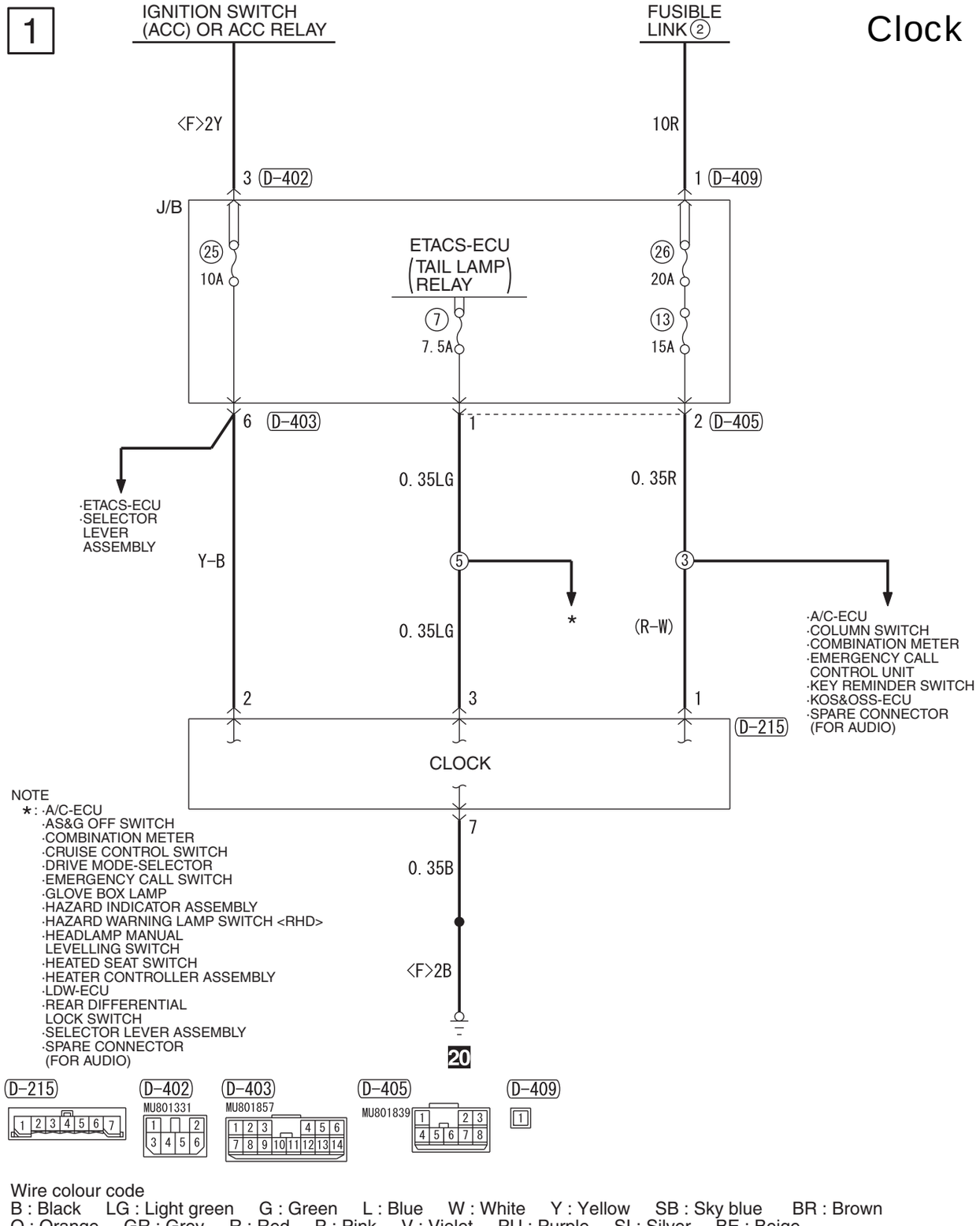


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC14E05AC

1

Clock



NOTE
*: ·A/C-ECU
·AS&G OFF SWITCH
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·EMERGENCY CALL SWITCH
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HAZARD WARNING LAMP SWITCH <RHD>
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW-ECU
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)

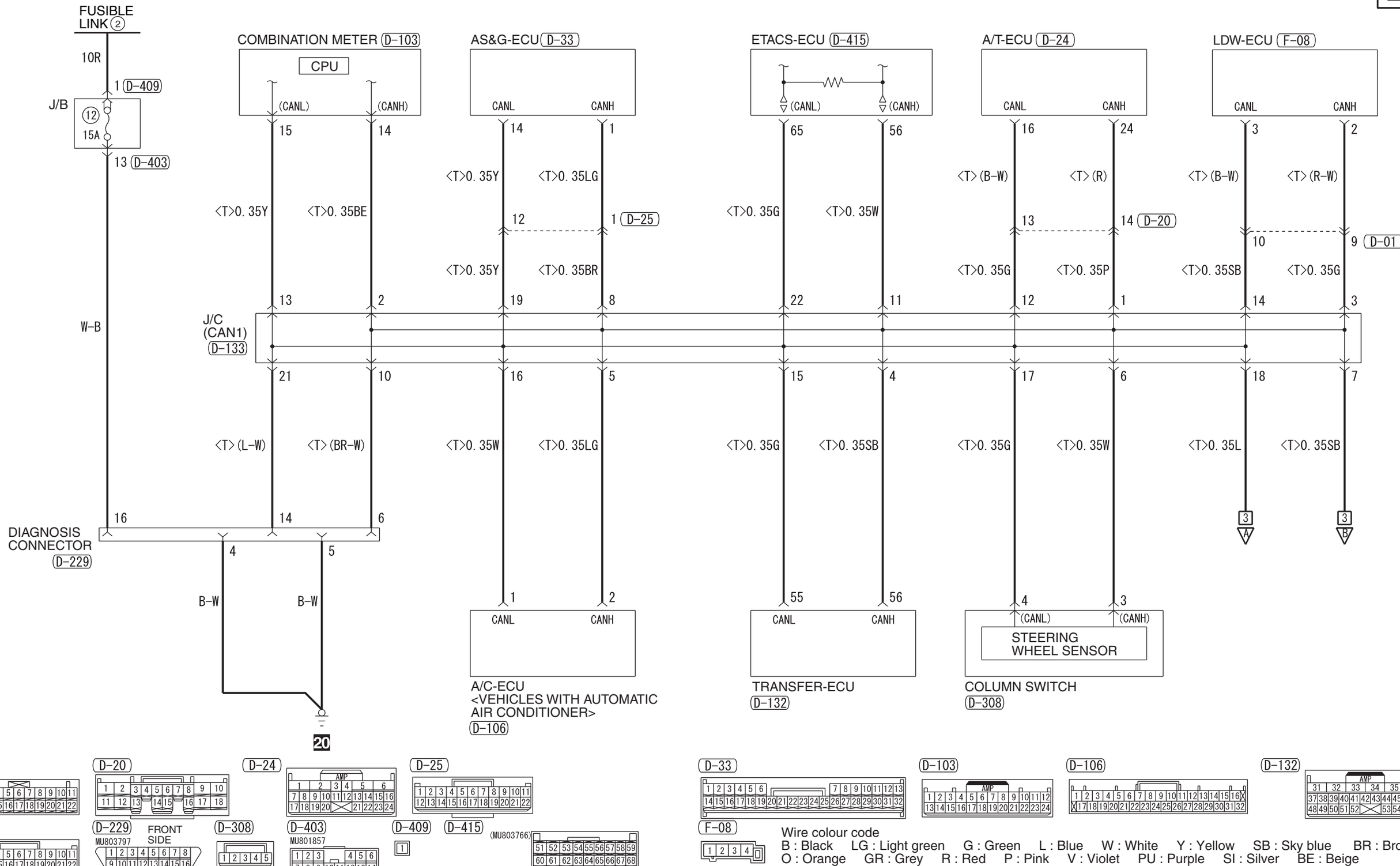
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E05AC

1

2

Controller area network (CAN)



Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E15AC

3

4

J/C(CAN1)

ENGINE-ECU D-11

ASTC-ECU A-02

NOTE
*1 : EXCEPT VEHICLES FOR EUROPE (DOUBLE CAB) AND EXCEPT VEHICLES WITH ERA-GLONASS SYSTEM
*2 : VEHICLES FOR EUROPE (DOUBLE CAB) AND VEHICLES WITH ERA-GLONASS SYSTEM
*3 : VEHICLES WITH RADIO AND CD PLAYER
*4 : VEHICLES WITH SMARTPHONE LINK DISPLAY AUDIO
*5 : VEHICLES WITH MMCS

<VEHICLES WITH AUDIO SYSTEM>

<VEHICLES WITHOUT AUDIO SYSTEM>

J/C (CAN2) D-112

KOS&OSS-ECU D-222

SRS-ECU D-225 *1 D-237 *2

EMERGENCY CALL CONTROL UNIT D-242

RADIO AND CD PLAYER D-208 *3

MULTIVISION DISPLAY D-209 *4, *5

SPARE CONNECTOR D-207

A-02

D-04

D-11

D-112

D-207

D-208

D-209

D-222

D-225

D-237

D-242

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow
SB : Sky blue BR : Brown O : Orange GR : Grey R : Red P : Pink
V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E15BC

1

2

NOTE
*1 : VEHICLES WITH RADIO AND CD PLAYER
*2 : VEHICLES WITH SMARTPHONE LINK DISPLAY AUDIO
*3 : VEHICLES WITH MMCS

FUSIBLE LINK (2)
10R
1 (D-409)
J/B
(12)
15A
13 (D-403)
W-B
J/C (CAN2) (D-112)
16 6 14
DIAGNOSIS CONNECTOR (D-229)
4 5
B-W B-W
7

<T> (BR-W) <T> (L-W) <T>0.35L <T>0.35SB

3 A
3 B

COMBINATION METER (D-103)
CPU
(CANL) (CANH)
15 14
<T>0.35Y <T>0.35BE

AS&G-ECU (D-33)
CANL CANH
14 1
<T>0.35Y <T>0.35LG
17 16
<T>0.35Y <T>0.35BR
16 5 13 2
<T>0.35W <T>0.35LG

A/C-ECU
<VEHICLES WITH AUTOMATIC AIR CONDITIONER>
(D-106)
1 2

ENGINE-ECU (D-11)
(CANL) (CANH)
109 108
<T>0.35BR <T>0.35Y
11 12
<T>0.35G <T>0.35P
22 11
<T>0.35G <T>0.35SB
55 56

TRANSFER-ECU
(D-132)

ASTC-ECU (A-02)
CANL CANH
4 16
<T>0.35W <T>0.35LG
20 21 (D-04)
<T>0.35L <T>0.35GR
14 3
<T>0.35G <T>0.35W
4 3

COLUMN SWITCH
(D-308)
(CANL) (CANH)
STEERING WHEEL SENSOR

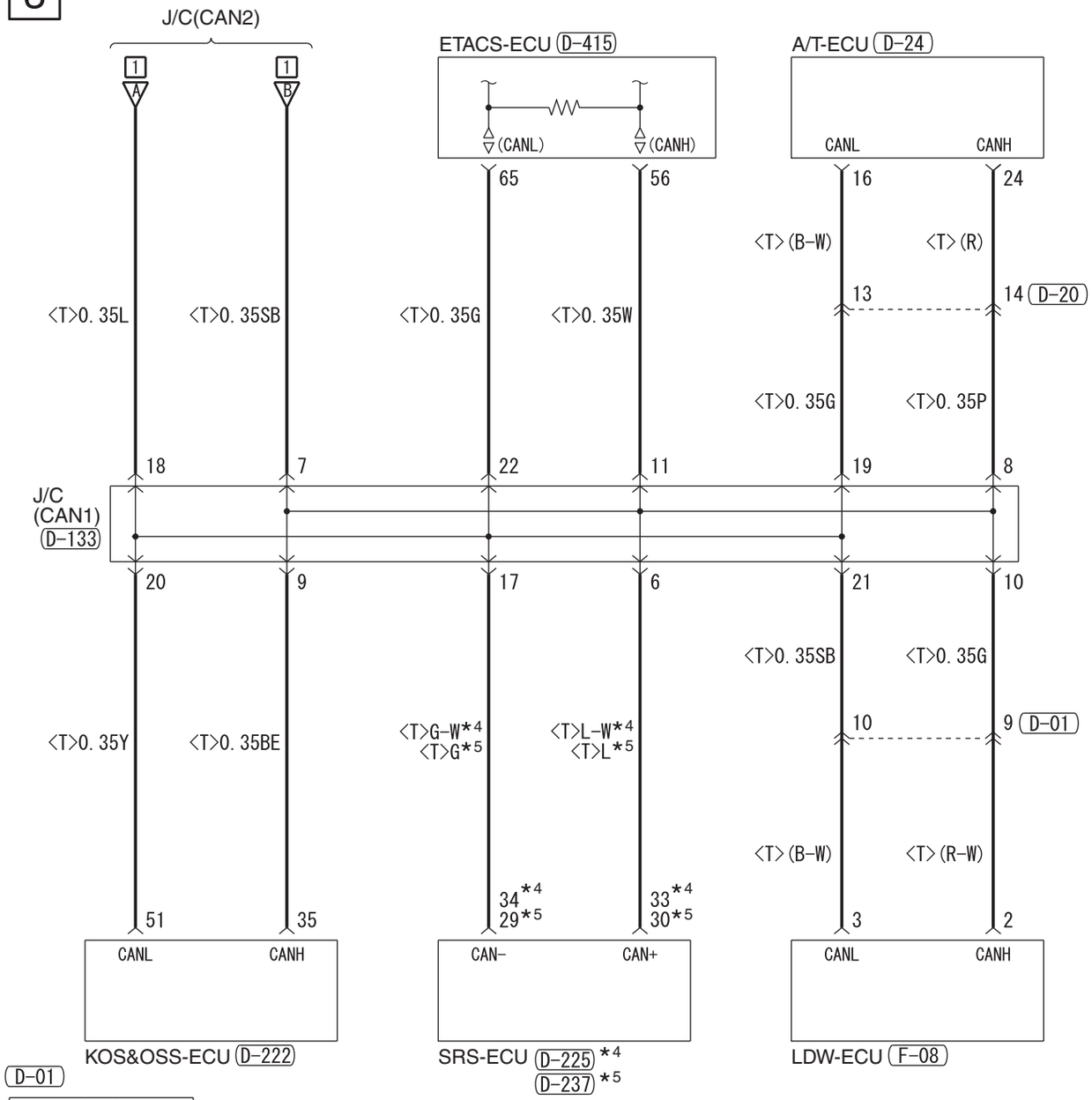
<VEHICLES WITHOUT AUDIO SYSTEM>
SPARE CONNECTOR
(D-207)
18 8
<T>0.35G <T>0.35W
12 1
<T>0.35G <T>0.35W
13 3

RADIO AND CD PLAYER (D-208) *1
MULTIVISION DISPLAY (D-209) *2,*3
CAN- *2 CAN+ *2
<NO CONNECTION> *1,*3
<VEHICLES WITH AUDIO SYSTEM>

A-02
D-04
D-11
D-33
D-103
D-106
D-112
D-132
D-207
D-208
(MU801971)
D-209
(MU801971)
D-229
(MU803797)
FRONT SIDE
D-308
D-403
(MU801857)
D-409

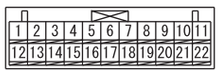
HHSR0E16AC

3

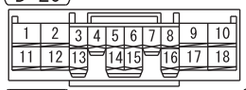


NOTE
*4 : EXCEPT VEHICLES FOR EUROPE (DOUBLE CAB)
*5 : VEHICLES FOR EUROPE (DOUBLE CAB)

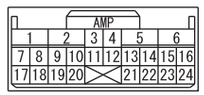
D-01



D-20



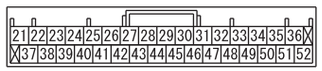
D-24



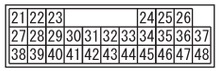
D-133



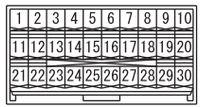
D-222



D-225

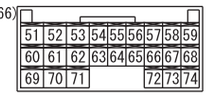


D-237

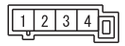


D-415

(MU803766)



F-08

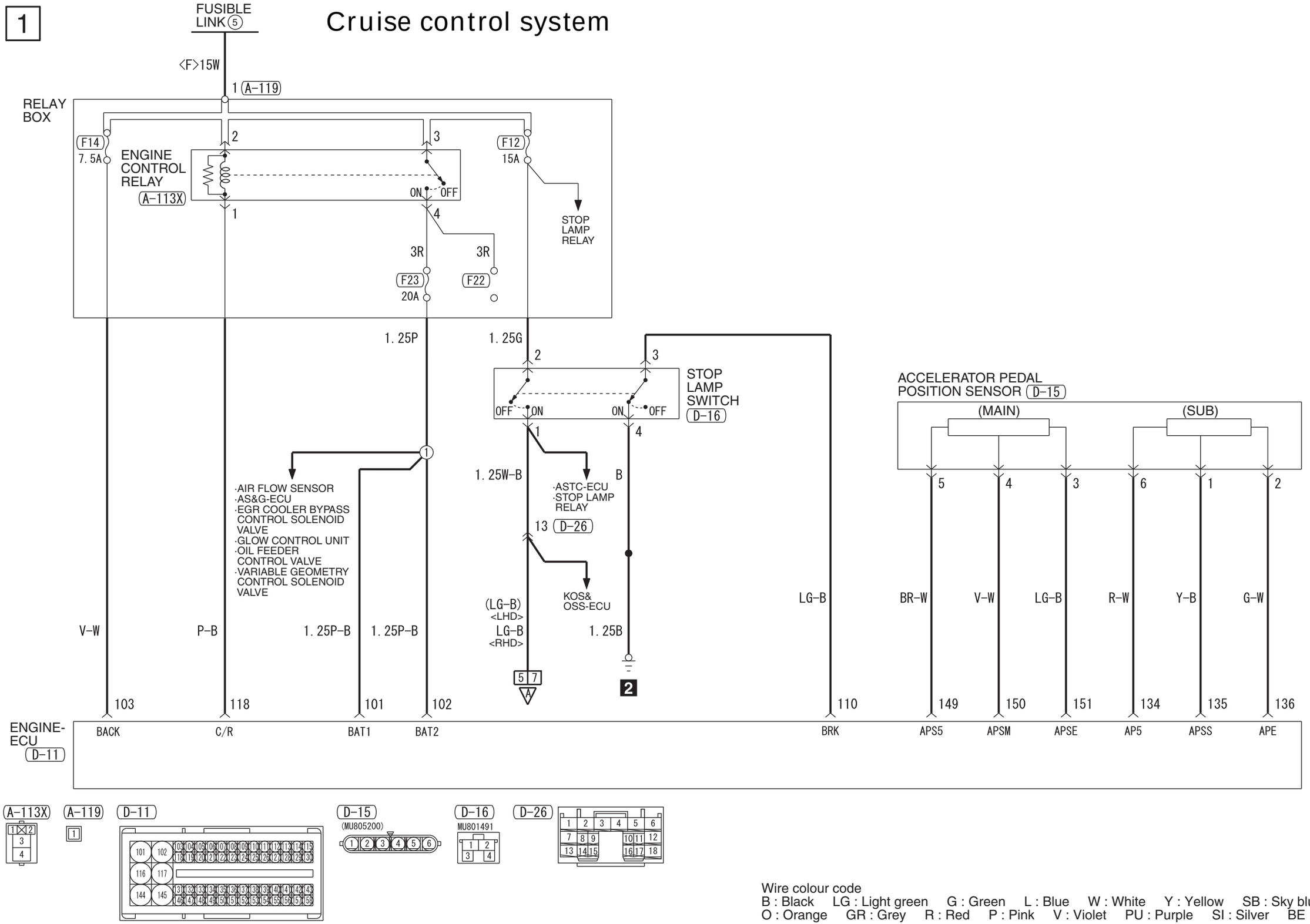


HHSR0E16BC

Cruise control system

1

2



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E06AC

3

4

NOTE
*1 : VEHICLES WITH ADJUSTABLE SPEED LIMITER
*2 : VEHICLES WITH 3-SPOKE STEERING WHEEL
*3 : VEHICLES WITH 4-SPOKE STEERING WHEEL

ENGINE-ECU

I/B1 INJ1 INJ2 I/B2
I/B3 INJ3 I/B4 INJ4

1 2 75 73 (D-09)
49 50 25 27

<T>0.85G <T>0.85W <T>0.85Y <T>0.85B
<T>0.85R <T>0.85L <T>0.85LG <T>0.85P

2 NO.1 INJECTOR (B-02) 1
2 NO.2 INJECTOR (B-03) 1
2 NO.3 INJECTOR (B-04) 1
2 NO.4 INJECTOR (B-05) 1

CLT1
112 (D-11)
·AS&G-ECU
·KOS& OSS-ECU
P-B
2 CLUTCH SWITCH (D-17) OFF ON 1
B
1.25B
2 <M/T>

J/B (D-405)
ETACS-ECU (TAIL LAMP RELAY)
7
7.5A
1
0.35LG
5
0.35LG

·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·DRIVE MODE-SELECTOR
·EMERGENCY CALL SWITCH
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)

<Euro 6b> <Euro 5b>
SW- CNTS SW- CNTS
(D-09) 33 57 154 139 (D-11)
P SB 0.35P 0.35GR
(D-05) 8 9 6 7 (D-04)
(V-W) (Y-B) (V-W) (Y-B)

7 6 5 (D-309) CLOCK SPRING
7 6 5 (D-302)
4*2 5*3 3*2 6*3 5*2 3*3
STEERING WHEEL MULTI-FUNCTION SWITCH 6

<*1> SPEED LIMITER ON/OFF
CRUISE ON/OFF
CANCEL
SET-
RES+
ILL

6*2 1*3
CRUISE CONTROL SWITCH (D-303)

B-02 B-03 B-04 B-05
D-04 D-05
D-303 <*2> <*3>
D-309 D-405 MU801839
D-09 D-11
D-17 MU801669
D-302

HHSR0E06BC

5

<LHD>

6

FUSIBLE LINK (2)

10R

1 D-409

J/B

12

15A

13 D-403

W-B

INPUT SIGNAL

INHIBITOR SWITCH (N)

A/T-ECU D-24

CANL CANH

16 24

<T> (B-W) <T> (R)

13 14 D-20

<T>0.35G <T>0.35P

12 1

STOP LAMP SWITCH

1

(LG-B)

72

ETACS-ECU D-415

(BKLP)

(CANL) (CANH)

65 56

<T>0.35G <T>0.35W

22 11

ENGINE-ECU D-11

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

11 12

<T>0.35G <T>0.35P

21 10

J/C (CAN2) D-112

20 9

<T>0.35L <T>0.35SB

18 7

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU A-02

CANL CANH

4 16

<T>0.35W <T>0.35LG

20 21 D-04

<T>0.35L <T>0.35GR

16 5

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 D-402

J/B

15

10A

6 D-405

L

2

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

0.35L

2

J/C (CAN1) D-133

21 10

<T> (L-W) <T> (BR-W)

13 2

<T>0.35Y <T>0.35BE

15 14

(CANL) (CANH)

<*1>

BUZZER

LCD (LIMIT)

MULTI-INFORMATION DISPLAY SWITCH

CPU

(IG+)

GLOW

COMBINATION METER D-103

16 14 6

DIAGNOSIS CONNECTOR D-229

4 5

B-W B-W

NOTE
*1 : VEHICLES WITH ADJUSTABLE SPEED LIMITER

20

A-02

D-04

D-11

D-20

D-24

D-103

D-112

D-133

D-229

FRONT SIDE

MU803797

D-402

MU801331

D-403

MU801857

D-405

MU801839

D-415

(MU803766)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White
Y : Yellow SB : Sky blue BR : Brown O : Orange GR : Grey
R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E06CC

7

<RHD>

8

FUSIBLE LINK (2)

10R

1 D-409

J/B

12

15A

13 D-403

W-B

INPUT SIGNAL

INHIBITOR SWITCH (N)

A/T-ECU D-24

CANL CANH

16 24

<T> (B-W) <T> (R)

13 14 D-20

<T>0.35G <T>0.35P

19 8

J/C (CAN1) D-133

18 7

<T>0.35L <T>0.35SB

21 10

J/C (CAN2) D-112

17 6

<T> (L-W) <T> (BR-W)

16 14 6

DIAGNOSIS CONNECTOR D-229

4 5

B-W B-W

STOP LAMP SWITCH

1

LG-B

72

ETACS-ECU D-415

(BKLP)

(CANL) (CANH)

65 56

<T>0.35G <T>0.35W

22 11

ENGINE-ECU D-11

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

11 12

<T>0.35G <T>0.35P

22 11

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU A-02

CANL CANH

4 16

<T>0.35W <T>0.35LG

20 21 D-04

<T>0.35L <T>0.35GR

14 3

16 5

<T>0.35Y <T>0.35BE

15 14

(CANL) (CANH)

COMBINATION METER D-103

BUZZER

MULTI-INFORMATION DISPLAY SWITCH

LCD(LIMIT) CPU

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 D-402

J/B

15

10A

6 D-405

L

2

*4

0.35L

2

(IG+)

GLOW

NOTE
*4 : ·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

7

A-02

D-04

D-11

D-20

D-24

D-103

D-112

D-133

D-229 MU803797

FRONT SIDE

D-402 MU801331

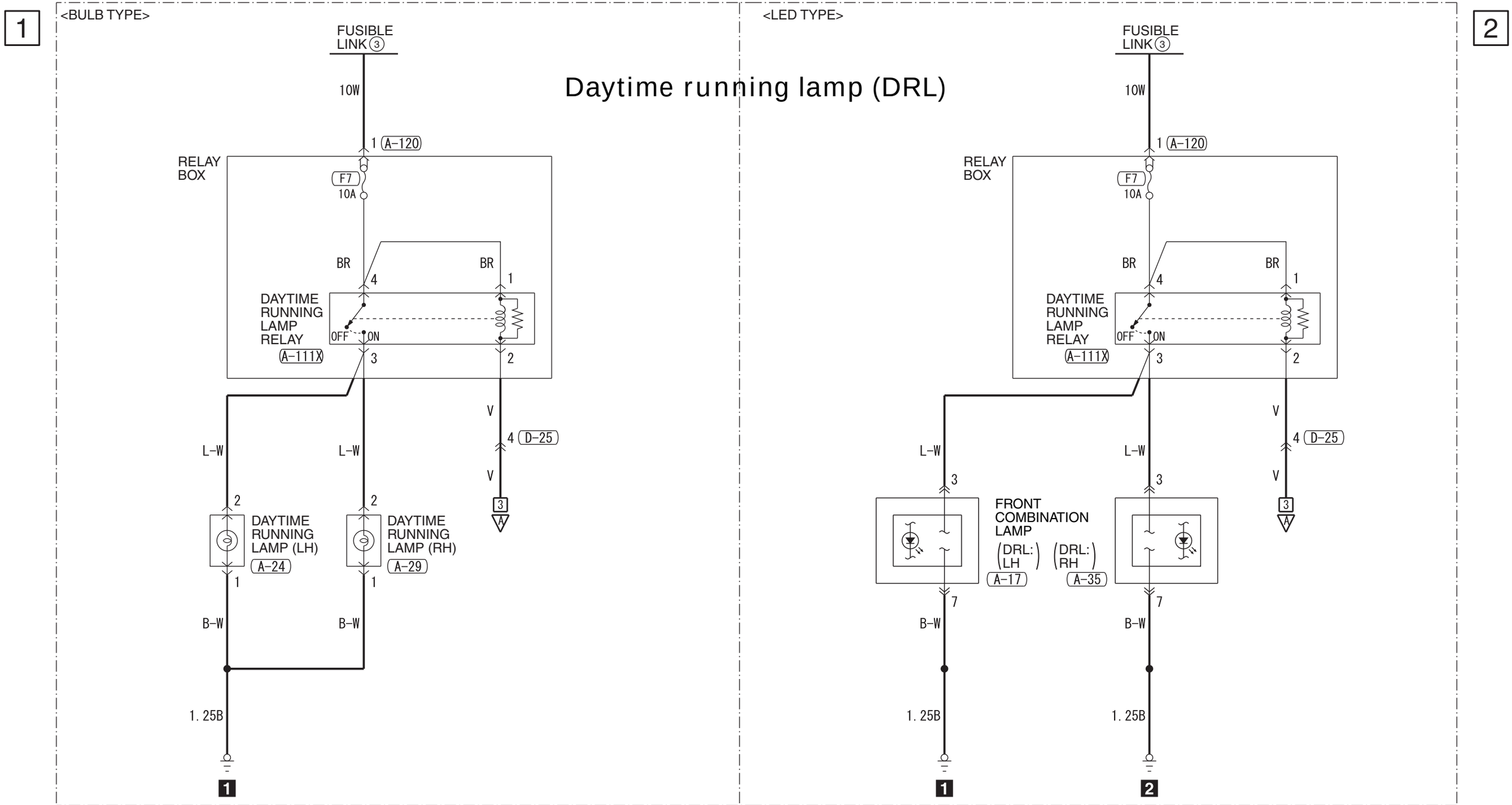
D-403 MU801857

D-405 MU801839

D-415 (MU803766)

HHSR0E06DC

Daytime running lamp (DRL)



A-17 MU802749



A-24



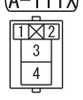
A-29



A-35 MU802749



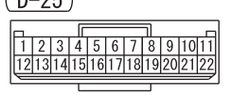
A-111X



A-120



D-25



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E03AC

3

4

IGNITION SWITCH (IG2) OR IG2 RELAY

<F>2R

6 D-402

J/B

10

7.5A

7 D-405

(W-B)

DAYTIME RUNNING LAMP RELAY

1 2

A

V

1.25B

0.35B

<F>2B

20

J/B (FUSE 15)

4

B

0.35L

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 D-402

15

10A

FUSIBLE LINK 2

10R

1 D-409

26

20A

13

15A

2 D-405

0.35R

ETACS-ECU

73

68 D-415

20 D-404

(DRL)

(IG1)

(ETACS +B)

POWER SOURCE

LIN INTERFACE

(IG2)

GND (EARTH)

GND (SGND)

(LIN)

44 D-416

2 D-404

12 D-403

70

54 D-415

6

L

(V-W)

0.35L

0.35L

4

B

·A/C-ECU
·AS&G OFF SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

0.35R

·A/C-ECU
·CLOCK
·COMBINATION METER
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

COLUMN SWITCH D-312

3

9

1

(DATA)

(IG1)

(+B)

COLUMN-ECU

(GND)

4

0.35B

<F>2B

20 7

<LHD><RHD>

LIGHTING SWITCH D-312-1

7

8

9

10

5

OFF ON

(HEAD)

(TAIL)

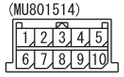
(AUTO)*

(OFF)

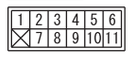
LIGHTING SWITCH

NOTE
*: VEHICLES WITH AUTO LAMP

D-312 (MU801514)



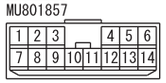
D-312-1



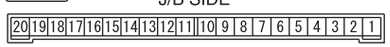
D-402 MU801331



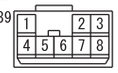
D-403 MU801857



D-404 J/B SIDE



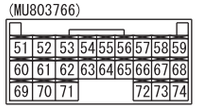
D-405 MU801839



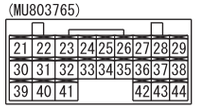
D-409



D-415 (MU803766)



D-416 (MU803765)



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E03BC

5

<LHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

13 (D-403)

INPUT SIGNAL

CRANK ANGLE SENSOR

ENGINE-ECU (D-11)

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

11 12 (D-04)

<T>0.35G <T>0.35P

21 10

J/C (CAN2) (D-112)

20 9

<T>0.35G <T>0.35W

<T>0.35L <T>0.35SB

W-B

22 11 18 7

J/C (CAN1) (D-133)

21 10

<T>(L-W) <T>(BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

20

6

<RHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

13 (D-403)

INPUT SIGNAL

CRANK ANGLE SENSOR

ENGINE-ECU (D-11)

(CANL) (CANH)

109 108

<T>0.35G <T>0.35W

22 11

J/C (CAN1) (D-133)

18 7

<T>0.35BR <T>0.35Y

11 12 (D-04)

W-B

<T>0.35L <T>0.35SB

<T>0.35G <T>0.35P

21 10 22 11

J/C (CAN2) (D-112)

17 6

<T>(L-W) <T>(BR-W)

16 14 6

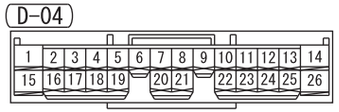
DIAGNOSIS CONNECTOR (D-229)

4 5

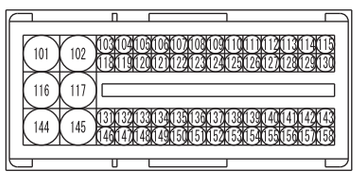
B-W B-W

7

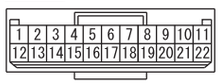
D-04



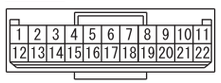
D-11



D-112



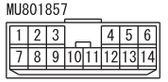
D-133



D-229 MU803797 FRONT SIDE



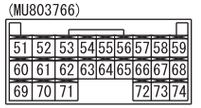
D-403 MU801857



D-409



D-415 (MU803766)



Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E03CC

Door ajar warning buzzer

1

2

IGNITION SWITCH (IG1) OR IG1 RELAY

FUSIBLE LINK (2)

J/B (FUSE (15))

<F>2GR

4 (D-402)

10R

1 (D-409)

0.35L

J/B

(15) 10A

(26) 20A

(13) 15A

20

68 (D-415)

ETACS-ECU

(ETACS +B)

(IG1)

POWER SOURCE

GND (EARTH)

GND (SGND)

(ADSW)

(DDSW)

(DOOR)

2 (D-404)

70

63

51

61

6

2 (D-405)

12 (D-403)

0.35R

0.35LG

0.35BR

L

0.35R

1.25B

10

11 (D-14)

SINGLE CAB OR DOUBLE CAB

CLUB CAB

SINGLE CAB OR DOUBLE CAB

CLUB CAB

(BR-Y)

(B-R)

G-110 *3

5 G-107 *4

G-107 *3

5 G-110 *4

3

3 4

C

2

0.35L

1

A

3

0.35R

6 8

B

0.35B

<F>2B

20

OFF

ON

FRONT DOOR SWITCH (PASSENGER'S SIDE)

E-01 *1

G-105 *2

FRONT DOOR SWITCH (DRIVER'S SIDE)

E-16 *1

G-112 *2

NOTE
*1 : SINGLE CAB OR DOUBLE CAB
*2 : CLUB CAB
*3 : LHD
*4 : RHD

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

·A/C-ECU
·CLOCK
·COLUMN SWITCH
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

D-14

D-402 MU801331

D-403 MU801857

D-404 J/B SIDE

D-405 MU801839

D-409

D-415 (MU803766)

E-01 (MU801536)

E-16 (MU801536)

G-105 (MU801536)

G-107

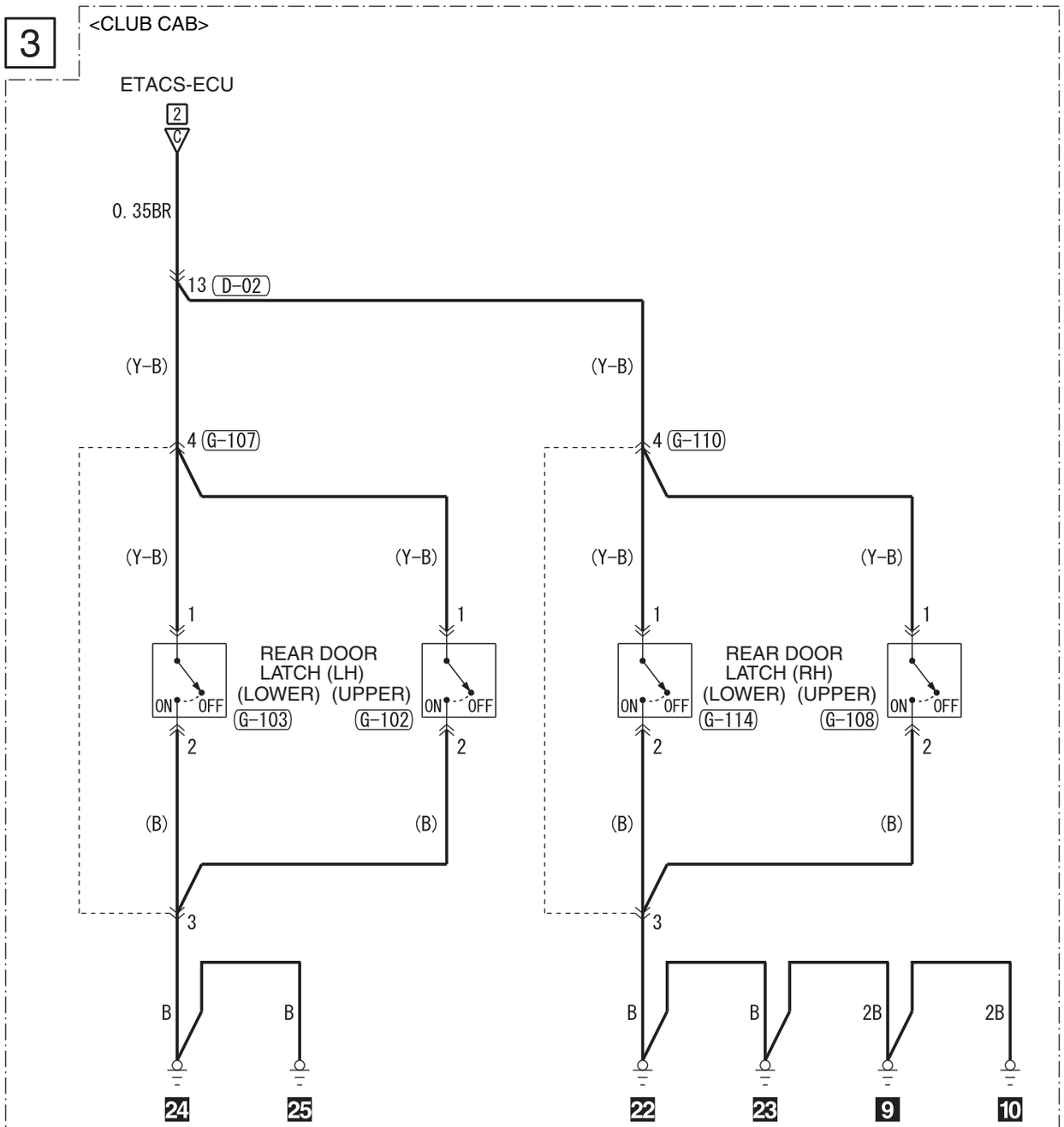
G-110

G-112 (MU801536)

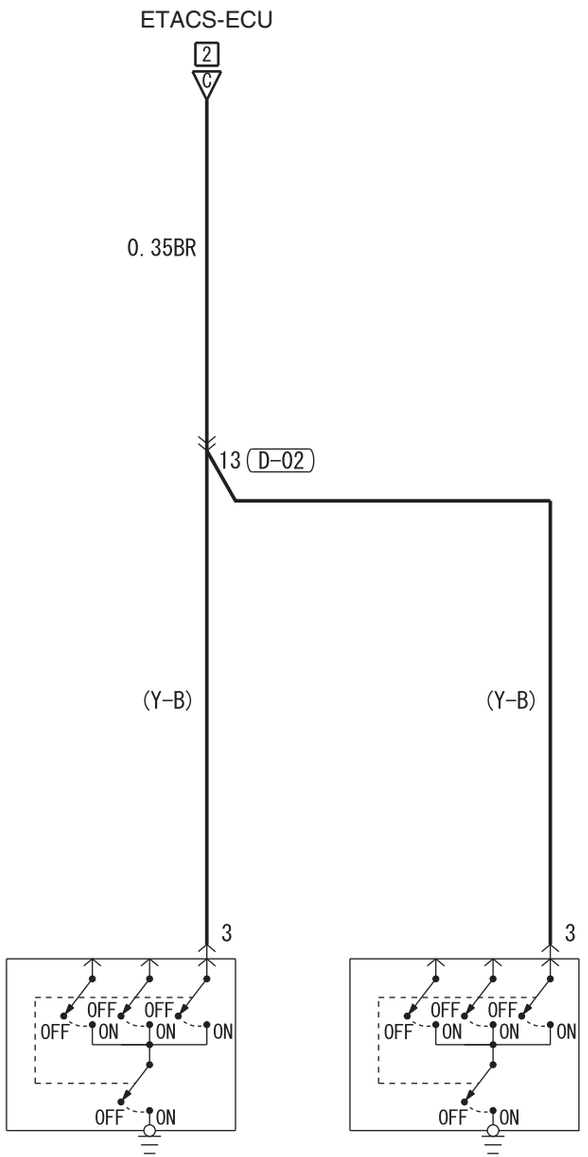
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

3

<CLUB CAB>

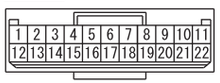


<DOUBLE CAB>



4

D-02



E-05



(MU801536)

E-14



(MU801536)

G-102



G-103



G-107



G-108



G-110



G-114



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

5

<LHD>

6

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

<T>0. 35G <T>0. 35W

ENGINE-ECU (D-11)

(CANL) (CANH)

109 108

<T>0. 35BR <T>0. 35Y

11 12

<T>0. 35G <T>0. 35P

21 10

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL CANH

4 16

<T>0. 35W <T>0. 35LG

20 21 (D-04)

<T>0. 35L <T>0. 35GR

16 5

J/C (CAN2) (D-112)

20 9

<T>0. 35L <T>0. 35SB

18 7

J/C (CAN1) (D-133)

22 11

21 10

<T> (L-W) <T> (BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

20

J/B (FUSE (13))

1

B

0. 35R

13 2

<T>0. 35Y <T>0. 35BE

15 14

(CANL) (CANH)

1

(B+B)

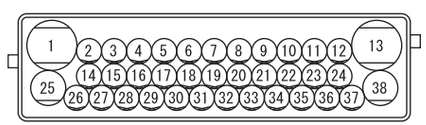
DOOR

BUZZER

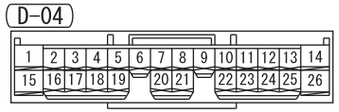
CPU

COMBINATION METER (D-103)

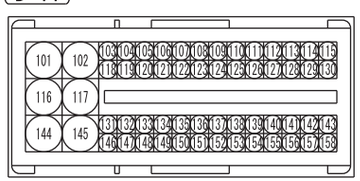
A-02



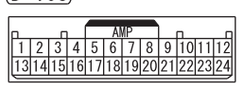
D-04



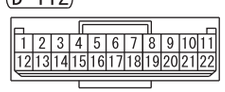
D-11



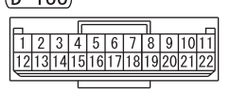
D-103



D-112

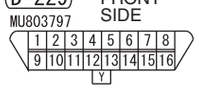


D-133

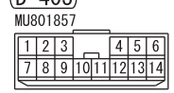


D-229 MU803797

FRONT SIDE



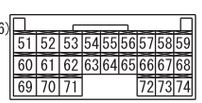
D-403 MU801857



D-409



D-415 (MU803766)



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E12CC

7

<RHD>

8

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

<T>0.35G <T>0.35W

22 11

J/C(CAN1) (D-133)

18 7

<T>0.35L <T>0.35SB

21 10

J/C (CAN2) (D-112)

17 6

<T> (L-W) <T> (BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

7

ENGINE-ECU (D-11)

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

11 12

<T>0.35G <T>0.35P

22 11

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL CANH

4 16

<T>0.35W <T>0.35LG

20 21 (D-04)

<T>0.35L <T>0.35GR

14 3

16 5

<T>0.35Y <T>0.35BE

15 14

COMBINATION METER (D-103)

(CANL) (CANH)

CPU

BUZZER

DOOR

J/B (FUSE (13))

1

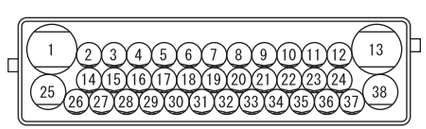
B

0.35R

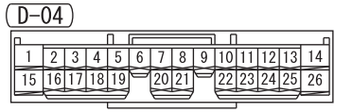
1

(B+B)

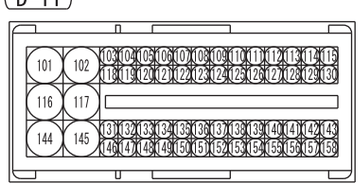
A-02



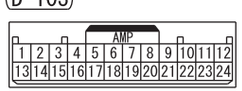
D-04



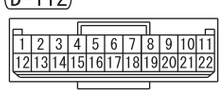
D-11



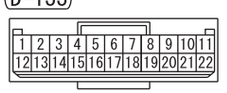
D-103



D-112



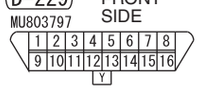
D-133



D-229

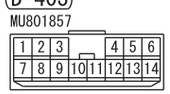
(MU803797)

FRONT SIDE



D-403

(MU801857)

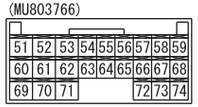


D-409



D-415

(MU803766)



Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E12DC

Easy select 4WD system

1

2

NOTE
★1 : LHD
★2 : RHD

FUSIBLE LINK (SBF1)
3R
RELAY BOX
F9 20A
<F>2R
14 (D-04)
<F>2R
32
+B1

IGNITION SWITCH (IG1) OR IG1 RELAY
<F>2GR
4 (D-402)
J/B
15 10A
6 (D-405)
L
2
0.35L
6 8 A
0.35L
37
IG

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR

TRANSFER-ECU

GND1 31 <F>2B
CANL 55 <T>0.35G 6 8 B
CANH 56 (D-132) <T>0.35SB 6 8 C

TM1 1 0.75V 14 0.85G-Y 5
TM2 2 (D-131) 0.75Y 1 0.85G-R 6
TL1 48 Y 24 BR 4
TL2 49 LG 23 LG-R 3
TL3 50 (D-132) P 22 V 2
4WD 16 GR 21 P 10
HM1 6 0.75LG 15
HM2 5 (D-131) 0.75BE 26
HL1 38 BR 19 W 7
HL2 39 BE 20 (D-22)

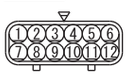
TRANSFER MOTOR
M

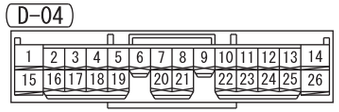
TRANSFER LIMIT SWITCH1 OFF ON
TRANSFER LIMIT SWITCH2 OFF ON
TRANSFER LIMIT SWITCH3 OFF ON
4L DETECTION SWITCH OFF ON
4WD DETECTION SWITCH OFF ON

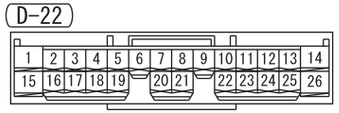
TRANSFER ACTUATOR
(C-08)

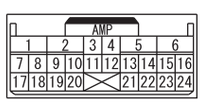
1 0.85B
9 0.85B
21

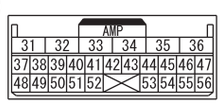
20 ★1 7 ★2

(C-08)


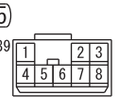
(D-04)


(D-22)


(D-131)


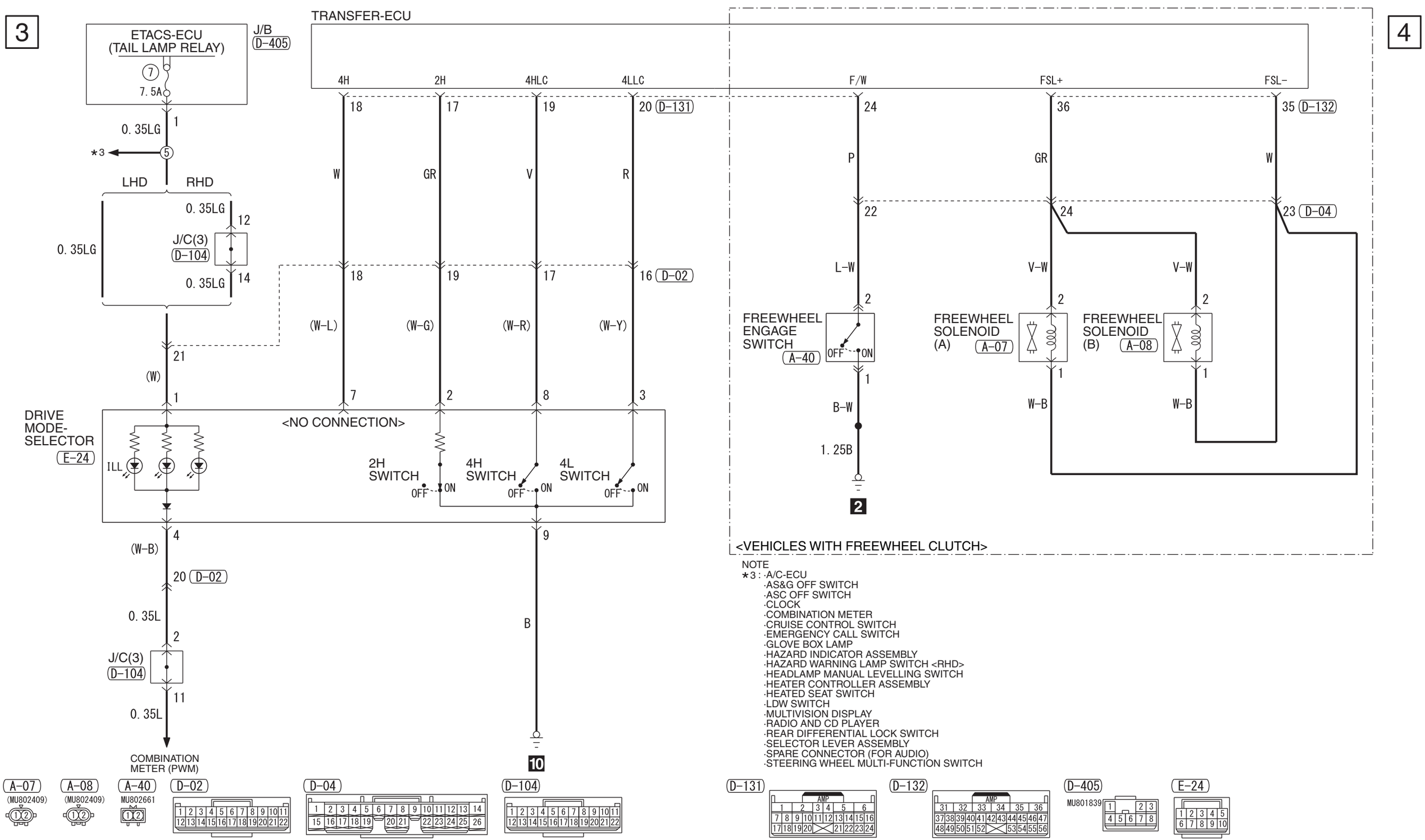
(D-132)


(D-402)
MU801331


(D-405)
MU801839


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E08AC



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E08BC

5

6

<LHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

16

DIAGNOSIS CONNECTOR (D-229)

4

5

B-W

B-W

20

A/T-ECU (D-24)

CANL

CANH

16

24

<T> (B-W)

<T> (R)

13

14 (D-20)

<T>0.35G

<T>0.35P

12

1

<T> (L-W)

<T> (BR-W)

21

10

INPUT SIGNAL

ACCELERATOR PEDAL POSITION SENSOR

ENGINE-ECU (D-11)

(CANL)

(CANH)

109

108

<T>0.35BR

<T>0.35Y

11

12

<T>0.35G

<T>0.35P

21

10

<T>0.35L

<T>0.35SB

18

7

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL

CANH

4

16

<T>0.35W

<T>0.35LG

20

21 (D-04)

<T>0.35L

<T>0.35GR

16

5

J/C (CAN2) (D-112)

J/C (CAN1) (D-133)

TRANSFER-ECU

1 B

1 C

<T>0.35G

<T>0.35SB

15

4

<T>0.35Y

<T>0.35BE

13

2

15

14

(CANL)

(CANH)

COMBINATION METER (D-103)

MULTI-INFORMATION DISPLAY SWITCH

CPU

4L

2WD/4WD

J/B (FUSE (15))

1 A

0.35L

2

(IG+)

A-02

D-04

D-11

D-20

D-24

D-103

D-112

D-133

D-229

MU803797

FRONT SIDE

D-403

MU801857

D-409

1

Wire colour code

B : Black LG : Light green G : Green L : Blue W : White
Y : Yellow SB : Sky blue BR : Brown O : Orange GR : Grey
R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E08CC

7

8

<RHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

16

DIAGNOSIS CONNECTOR (D-229)

4

5

B-W

B-W

A/T-ECU (D-24)

CANL

CANH

16

24

<T> (B-W)

<T> (R)

13

14 (D-20)

<T>0.35G

<T>0.35P

19

8

J/C (CAN1) (D-133)

18

7

<T>0.35L

<T>0.35SB

21

10

J/C (CAN2) (D-112)

17

6

<T> (L-W)

<T> (BR-W)

14

6

INPUT SIGNAL

ACCELERATOR PEDAL POSITION SENSOR

ENGINE-ECU (D-11)

(CANL)

(CANH)

109

108

<T>0.35BR

<T>0.35Y

11

12

<T>0.35G

<T>0.35P

22

11

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL

CANH

4

16

<T>0.35W

<T>0.35LG

20

21 (D-04)

<T>0.35L

<T>0.35GR

14

3

TRANSFER-ECU

1 B

1 C

<T>0.35G

<T>0.35SB

15

4

<T>0.35Y

<T>0.35BE

16

5

15

14

COMBINATION METER (D-103)

(CANL)

(CANH)

MULTI-INFORMATION DISPLAY SWITCH

CPU

4L

2WD/4WD

J/B (FUSE (15))

1 A

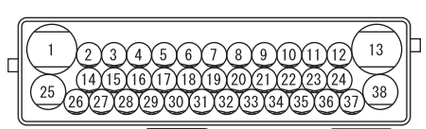
2

(IG+)

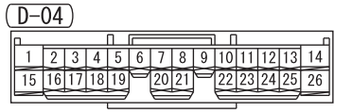
0.35L

7

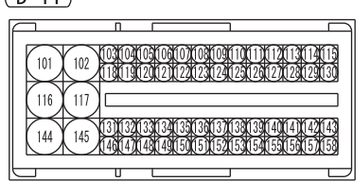
A-02



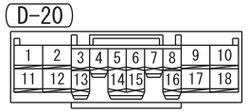
D-04



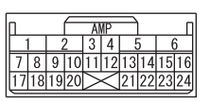
D-11



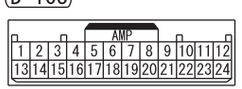
D-20



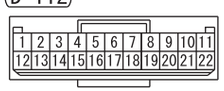
D-24



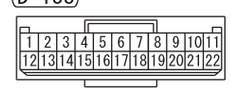
D-103



D-112



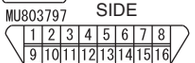
D-133



D-229

MU803797

FRONT SIDE



D-403

MU801857



D-409

1

Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E08DC

Electric retractable remote controlled mirror

1

2

NOTE
*1 : LHD
*2 : RHD

FUSIBLE LINK (2)
10R
1 (D-409)
J/B
(12)
15A
1 (D-404)
(Y-B)
·CLOCK
·DC/DC CONVERTER
·SELECTOR LEVER ASSEMBLY
74 (D-415)
IGNITION SWITCH (ACC) OR ACC RELAY
6 (D-403)
<F>2Y
3 (D-402)
3 (D-403)
(25)
10A
(8)
7.5A
ETACS-ECU
(D/LOCK)
(ACC)
ON
OFF
OFF
ON
DOOR MIRROR UNFOLD RELAY
DOOR MIRROR FOLD RELAY
(MOLH)
(MSLH& MSRH)
(MSW)
30
40
27 (D-416)
0.35G
1
J/C(6) (D-102)
3
2
0.35G
0.35G
(P-B)
(P-B)
J/C(5) (D-101)
1
4*1
3*2
2
0.35V*1
0.35L*2
0.35L
0.35V
0.35W
2
A
2
B
2
C
4
11
8
7
6 (D-230)
(V-W)
(P-L)
(R-Y)
(P)*1
(O)*2
(LG-R)*1
(L-W)*2
10
11
12
14
13
DOOR MIRROR ASSEMBLY (LH)
G-06
UNFOLD/FOLD MOTOR
VERTICAL MOVEMENT MOTOR
HORIZONTAL MOVEMENT MOTOR

REMOTE CONTROLLED MIRROR SWITCH (D-234)
0.35Y
9
OPERATION SWITCH
UP
DOWN
LEFT
RIGHT
ON
OFF
FOLD SWITCH
LH
RH
RIGHT/LEFT CHANGEOVER SWITCH
BR
4
0.35L
6
11
10
3
2
1

J/C(5) (REMOTE CONTROLLED MIRROR SWITCH)
J/C(6) (ETACS-ECU)
ETACS-ECU
1
A
1
B
1
C
0.35G
(P-B)
0.35V*1
0.35L*2
0.35SB
0.35BE
4
11
8
7
6 (D-220)
(V-W)
(P-L)
(R-Y)
(O)*1
(P)*2
(L-W)*1
(LG-R)*2
10
11
12
14
13
DOOR MIRROR ASSEMBLY (RH)
G-09
UNFOLD/FOLD MOTOR
VERTICAL MOVEMENT MOTOR
HORIZONTAL MOVEMENT MOTOR
0.35B
<F>2B
20*1
7*2

D-101
D-102
D-220
D-230
D-234
MU801847
D-402
MU801331
D-403
MU801857
G-09
D-404
J/B SIDE
D-409
D-415
(MU803766)
D-416
(MU803765)
G-06

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

3

4

<LHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

<VEHICLES WITHOUT KOS WITH KEYLESS ENTRY SYSTEM>

KEYLESS ENTRY TRANSMITTER

KEYLESS ENTRY RECEIVER

ETACS-ECU (D-415)

(CANH) (CANL)

56 65

13 (D-403)

W-B

<T>0.35W <T>0.35G

11 22

J/C (CAN1) (D-133)

10 21

<T>(BR-W) <T>(L-W)

16 6 14

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

20

<VEHICLES WITH KOS>

KEYLESS OPERATION KEY

KOS& OSS-ECU (D-222)

UHF RECEIVER

CANH CANL

35 51

<T>0.35BE <T>0.35Y

8 19

J/C (CAN2) (D-112)

9 20

<T>0.35SB <T>0.35L

7 18

(CANH) (CANL)

ENGINE-ECU (D-11)

108 109

<T>0.35Y <T>0.35BR

12 11

<T>0.35P <T>0.35G

10 21

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR

·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANH CANL

16 4

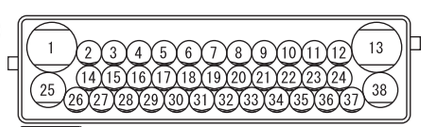
<T>0.35LG <T>0.35W

21 20 (D-04)

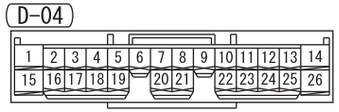
<T>0.35GR <T>0.35L

5 16

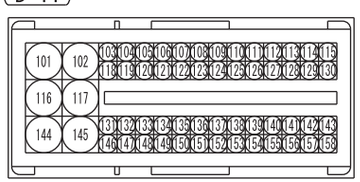
A-02



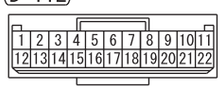
D-04



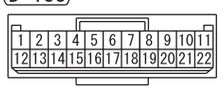
D-11



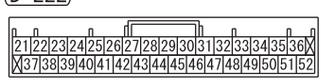
D-112



D-133

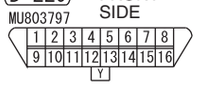


D-222

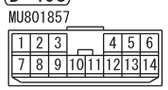


D-229 (MU803797)

FRONT SIDE



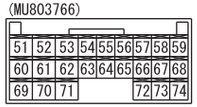
D-403 (MU801857)



D-409

(1)

D-415 (MU803766)



Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown

O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSP0E02BC

5

6

<RHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

16

DIAGNOSIS CONNECTOR (D-229)

ENGINE-ECU (D-11)

(CANH) (CANL)

108 109

<T>0.35Y <T>0.35BR

12 11 (D-04)

<T>0.35P <T>0.35G

11 22

J/C (CAN2) (D-112)

6 17

<T>(BR-W) <T>(L-W)

6 14

4 5

B-W B-W

7

<VEHICLES WITH KOS>

KEYLESS OPERATION KEY

KOS& OSS-ECU (D-222)

UHF RECEIVER

CANH CANL

35 51

<T>0.35BE <T>0.35Y

9 20

<VEHICLES WITHOUT KOS WITH KEYLESS ENTRY SYSTEM>

KEYLESS ENTRY TRANSMITTER

KEYLESS ENTRY RECEIVER

ETACS-ECU (D-415)

(CANH) (CANL)

56 65

<T>0.35W <T>0.35G

11 22

J/C (CAN1) (D-133)

7 18

<T>0.35SB <T>0.35L

10 21

3 14

<T>0.35GR <T>0.35L

21 20 (D-04)

<T>0.35LG <T>0.35W

16 4

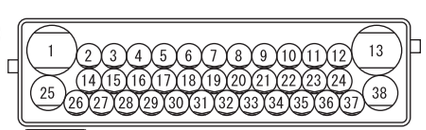
ASTC-ECU (A-02)

CANH CANL

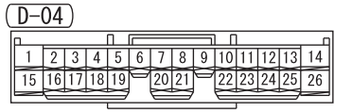
INPUT SIGNAL

- FRONT WHEEL SPEED SENSOR
- REAR WHEEL SPEED SENSOR

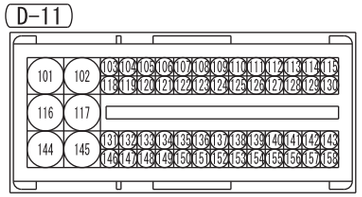
A-02



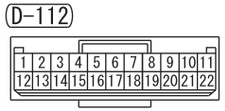
D-04



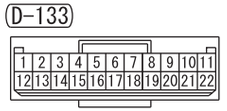
D-11



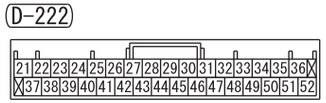
D-112



D-133

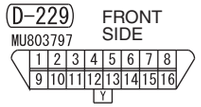


D-222



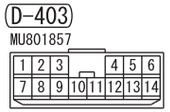
D-229 FRONT SIDE

MU803797



D-403

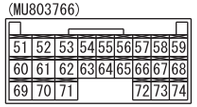
MU801857



D-409

1

D-415 (MU803766)



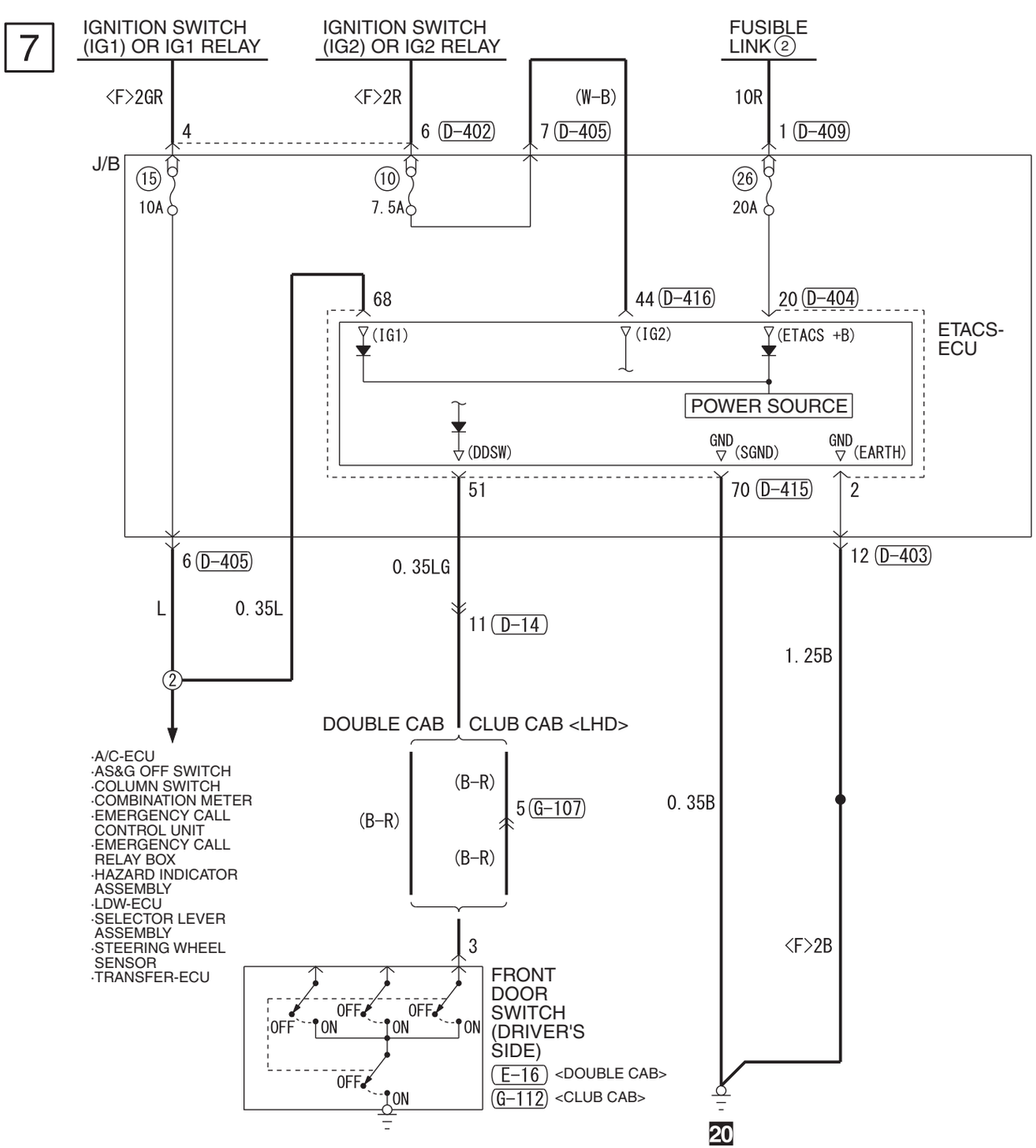
Wire colour code

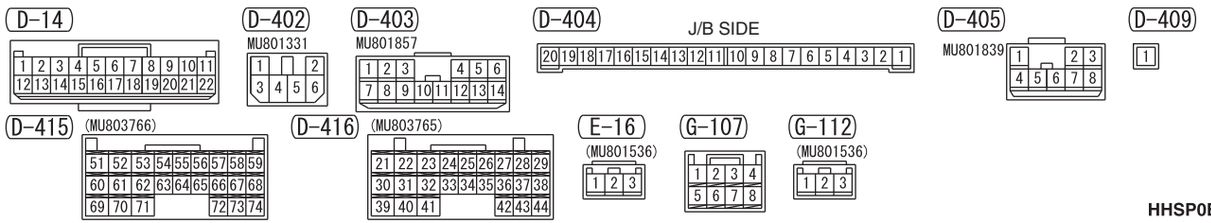
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown

O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSP0E02CC

7



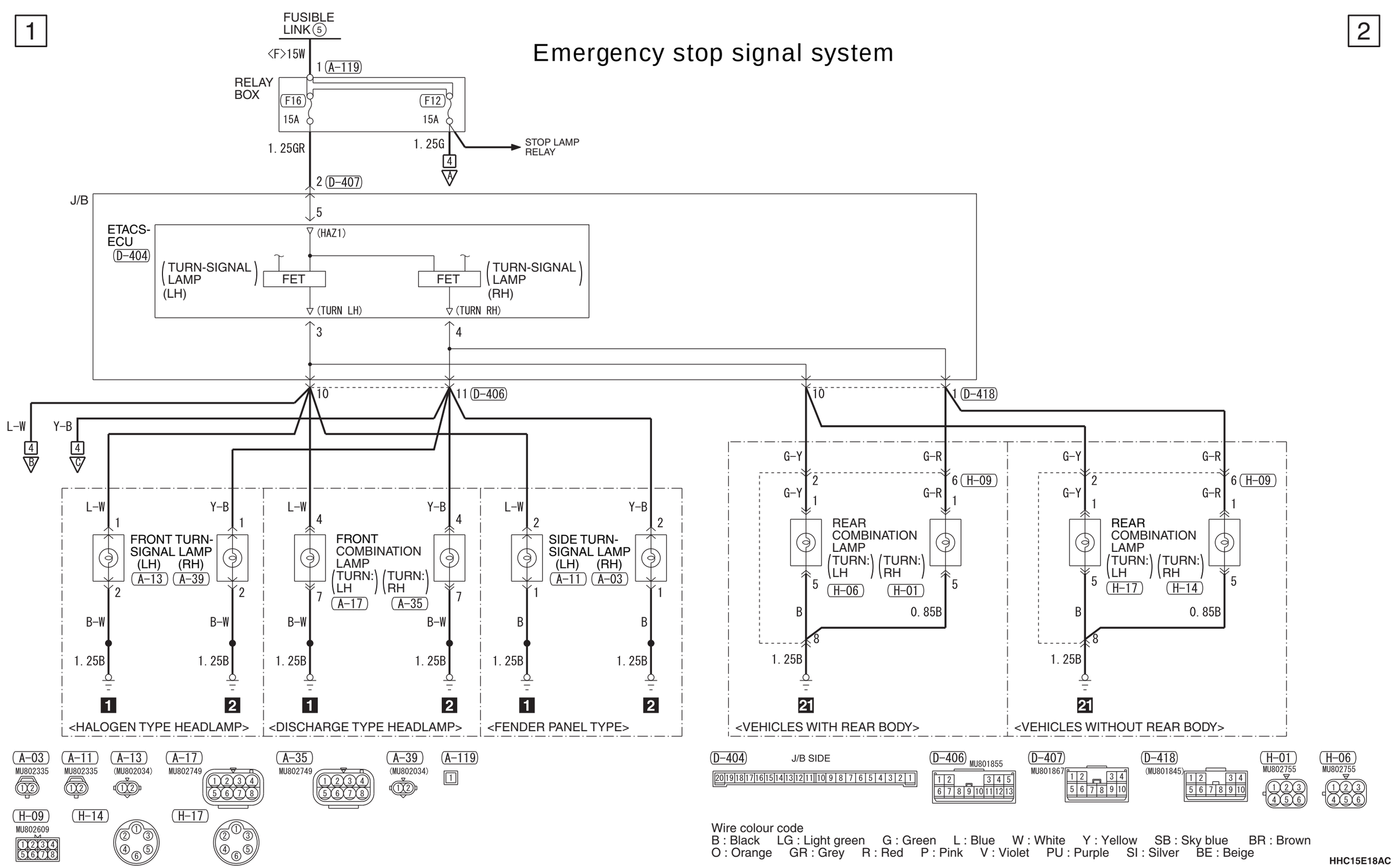


HHSP0E02DC

1

2

Emergency stop signal system



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E18AC

3

IGNITION SWITCH (IG1) OR IG1 RELAY

FUSIBLE LINK (2)

RELAY BOX (FUSE F12)

<F>2GR

10R

1. 25G

2

STOP LAMP SWITCH D-16

OFF ON

1

1. 25W-B

·ASTC-ECU
·STOP LAMP RELAY

13 D-26

(LG-B) *1
LG-B *2

KOS& OSS-ECU

4 D-402

1 D-409

J/B

15 10A

26 20A

68 D-415

20 D-404

72 D-415

ETACS-ECU

(IG1)

(ETACS +B)

(BKLP)

POWER SOURCE

GND (SGND)

GND (EARTH)

70

2 D-404

6 D-405

12 D-403

1. 25B

0. 35B

<F>2B

L

0. 35L

0. 35L

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·COMBINATION METER
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

6 8

D

20

INPUT SIGNAL

·COLUMN SWITCH (TURN-SIGNAL LAMP SWITCH)
·HAZARD INDICATOR ASSEMBLY (HAZARD WARNING LAMP SWITCH)

NOTE
*1 : LHD
*2 : RHD

<DOOR MIRROR TYPE>

4

ETACS-ECU

1 B

1 C

L-W

Y-B

14

15 D-25

BE

R

18 D-230

18 D-220

(G-O) *1
(G-Y) *2

(G-Y) *1
(G-O) *2

1

1

DOOR MIRROR ASSEMBLY (WITH SIDE TURN-SIGNAL LAMP: LH) G-06

DOOR MIRROR ASSEMBLY (WITH SIDE TURN-SIGNAL LAMP: RH) G-09

2

2

(B)

(B)

5 D-231

5 D-221

<F>2B

<F>2B

20

7

D-16 MU801491

D-25 J/B SIDE

D-26

D-220

D-221

D-404

D-405 MU801839

D-409

D-415 (MU803766)

G-06

D-230

D-231 *1

*2

D-402 MU801331

D-403 MU801857

G-09

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow
SB : Sky blue BR : Brown O : Orange GR : Grey R : Red
P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E18BF

5

<LHD>

6

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

<T>0. 35G <T>0. 35W

ENGINE-ECU (D-11)

(CANL) (CANH)

109 108

<T>0. 35BR <T>0. 35Y

11 12

<T>0. 35G <T>0. 35P

21 10

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL CANH

4 16

<T>0. 35W <T>0. 35LG

20 21 (D-04)

<T>0. 35L <T>0. 35GR

16 5

J/C (CAN2) (D-112)

20 9

<T>0. 35L <T>0. 35SB

18 7

J/C (CAN1) (D-133)

22 11

21 10

<T> (L-W) <T> (BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

20

13 2

<T>0. 35Y <T>0. 35BE

15 14

(CANL) (CANH)

CPU

COMBINATION METER (D-103)

BUZZER

J/B (FUSE (15))

3

D

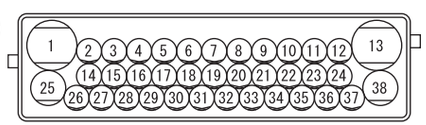
0. 35L

2

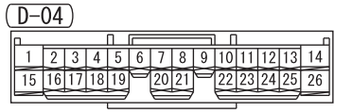
(IG+)

TURN (LH) (RH)

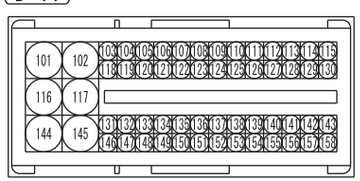
A-02



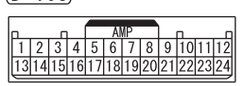
D-04



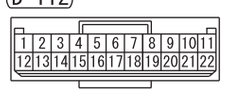
D-11



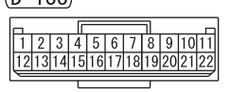
D-103



D-112



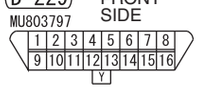
D-133



D-229

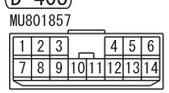
MU803797

FRONT SIDE



D-403

MU801857

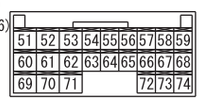


D-409



D-415

(MU803766)



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E18CF

7

<RHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

<T>0.35G <T>0.35W

22 11

J/C(CAN1) (D-133)

18 7

<T>0.35L <T>0.35SB

21 10

J/C (CAN2) (D-112)

17 6

<T> (L-W) <T> (BR-W)

16 14 6

4 5

B-W B-W

DIAGNOSIS CONNECTOR (D-229)

ENGINE-ECU (D-11)

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

11 12

<T>0.35G <T>0.35P

22 11

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR

·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL CANH

4 16

<T>0.35W <T>0.35LG

20 21 (D-04)

<T>0.35L <T>0.35GR

14 3

16 5

<T>0.35Y <T>0.35BE

15 14

(CANL) (CANH)

COMBINATION METER (D-103)

BUZZER

CPU

J/B (FUSE (15))

3

D

0.35L

2

(IG+)

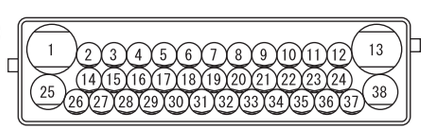
TURN

(LH) (RH)

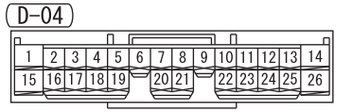
8

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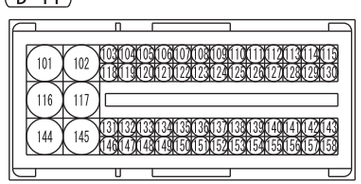
A-02



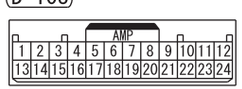
D-04



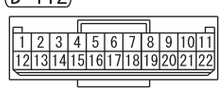
D-11



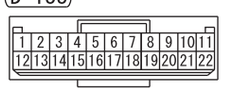
D-103



D-112



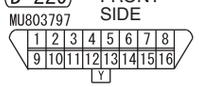
D-133



D-229

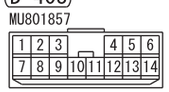
MU803797

FRONT SIDE



D-403

MU801857

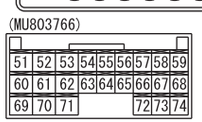


D-409



D-415

(MU803766)



Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown

O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E18DF

Engine control system

1

2

FUSIBLE LINK (5)

<F>15W

1 (A-119)

RELAY BOX

F14

7.5A

ENGINE CONTROL RELAY (A-113X)

ON OFF

3R F23 20A

3R F22

1.25P

AS&G-ECU

P

3

AIR FLOW SENSOR (A-41)

INTAKE AIR TEMPERATURE SENSOR

AIR FLOW SENSOR

1.25P

3

A

V-W

P-B

1.25P-B

1.25P-B

L-W

W-B

BATTERY CURRENT SENSOR

W

Y

R

Y

1

10 (D-03)

IGNITION SWITCH (IG2) OR IG2 RELAY

<F>2R

6

J/B

10

7.5A

ETACS-ECU (TAIL LAMP RELAY)

7

7.5A

ETACS-ECU

7

1 (D-405)

W-B

W-B

0.35LG

6 B

6 C

6 D

IGNITION SWITCH (ST)

<F>2P

2

4

7.5A

5 (D-407)

KOS& OSS-ECU (D-222)

STO

25

0.35LG

10 (D-04)

VEHICLES WITH KOS

VEHICLES WITHOUT KOS

·CLUTCH INTERLOCK SWITCH
·INHIBITOR SWITCH (P, N)

STARTER RELAY

LG

LG

(G-W)

AS&G-ECU

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 (D-402)

9

7.5A

15

10A

14 (D-403)

(BR-W)

NEUTRAL POSITION SWITCH

·AS&G-ECU
·CLUTCH INTERLOCK SWITCH

26 (D-04)

(L-W)

8 (D-406)

·ASTC-ECU
·SPARE CONNECTOR (FOR TRAILER)
·STOP LAMP RELAY

L

6 (D-405)

10 E

(B-W)

1

FUEL FILTER PRESSURE SWITCH (A-12)

OFF ON

2

(L-W)

4 (D-03)

SB

11 (D-09)

<VEHICLES FOR RUSSIA>

103	118	101	102	140	155 (D-11)	62	86	6	18 (D-09)	111	104 (D-11)	
BACK	C/R	BAT1	BAT2	AFS	AFSE	ATS	ATSE	NTSW	STRL	ST	IGN	FFPS

ENGINE-ECU

A-12

A-41 (MU001352)

A-113X

A-119

D-03

D-04

D-222

D-402 MU801331

D-403 MU801857

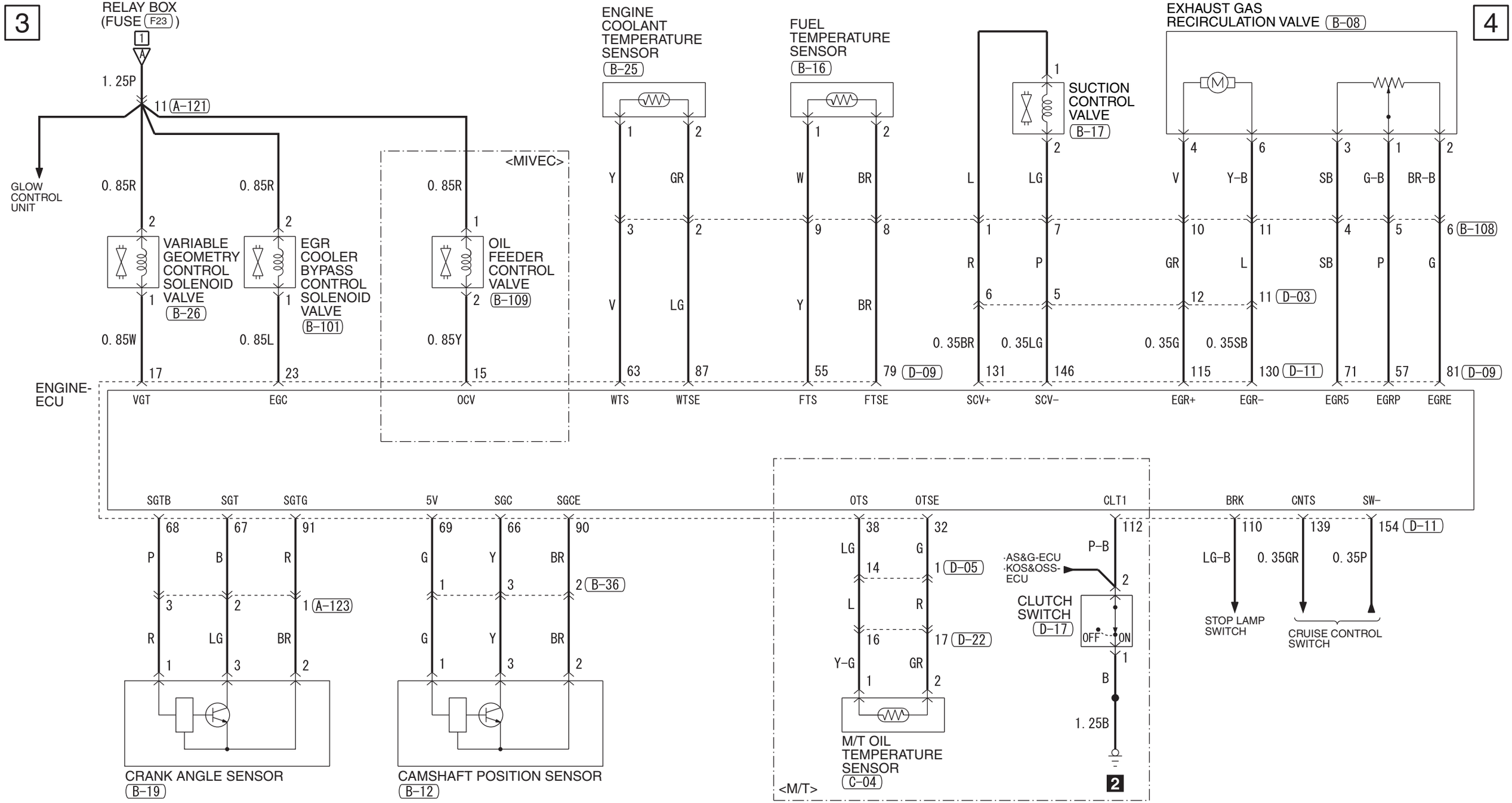
D-405 MU801839

D-406 MU801855

D-407 MU801867

D-09

D-11

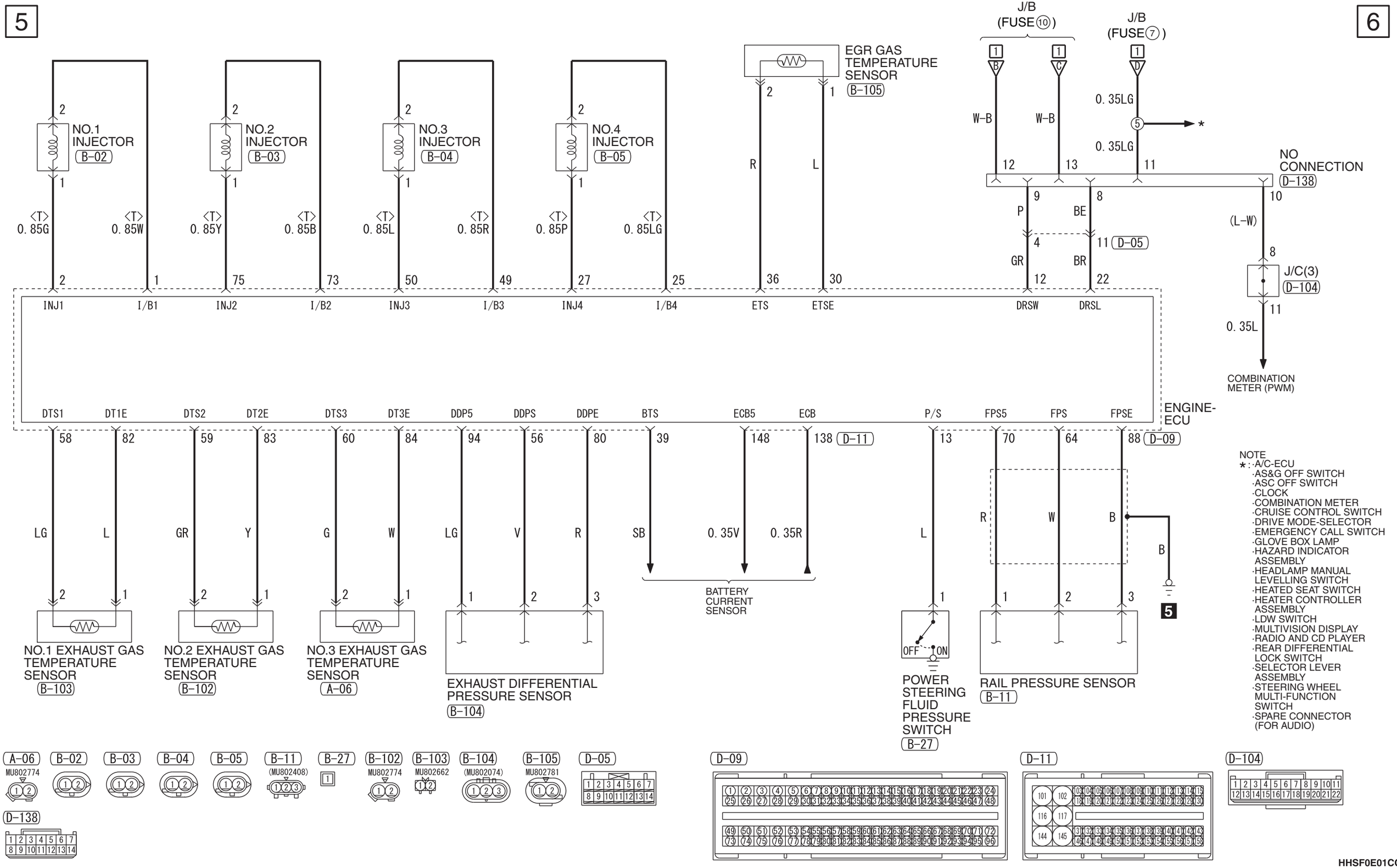

3
4
RELAY BOX
(FUSE F23)
1
A
1. 25P
11 A-121
GLOW CONTROL UNIT
0. 85R
0. 85R
0. 85R
2
VARIABLE GEOMETRY CONTROL SOLENOID VALVE B-26
EGR COOLER BYPASS CONTROL SOLENOID VALVE B-101
<MIVEC>
OIL FEEDER CONTROL VALVE B-109
0. 85W
0. 85L
0. 85Y
17
23
15
ENGINE-ECU
VGT
EGC
OCV
ENGINE COOLANT TEMPERATURE SENSOR B-25
FUEL TEMPERATURE SENSOR B-16
WTS
WTSE
FTS
FTSE
63
87
55
79 D-09
Y
GR
W
BR
V
LG
Y
BR
SUCTION CONTROL VALVE B-17
L
LG
R
P
0. 35BR
0. 35LG
131
146
EXHAUST GAS RECIRCULATION VALVE B-08
V
Y-B
SB
G-B
BR-B
GR
L
SB
P
G
0. 35G
0. 35SB
115
130 D-11
71
57
81 D-09
EGR+
EGR-
EGR5
EGRP
EGRE
SGTB
SGT
SGTG
5V
SGC
SGCE
68
67
91
69
66
90
P
B
R
G
Y
BR
G
Y
BR
3
2
1 A-123
1
3
2
1
3
2
2 B-36
CRANK ANGLE SENSOR B-19
CAMSHAFT POSITION SENSOR B-12
OTS
OTSE
CLT1
38
32
112
LG
G
14
1 D-05
L
R
16
17 D-22
Y-G
GR
1
2
M/T OIL TEMPERATURE SENSOR C-04
<M/T>
AS&G-ECU
KOS&OSS-ECU
P-B
CLUTCH SWITCH D-17
OFF
ON
B
1. 25B
2
BRK
CNTS
SW-
110
139
154 D-11
LG-B
0. 35GR
0. 35P
STOP LAMP SWITCH
CRUISE CONTROL SWITCH
A-121
MU801855
A-123
MU802645
B-08
(MU802056)
B-12
(MU802348)
B-16
(MU802406)
B-109
MU802779
C-04
(MU802406)
D-03
D-05
D-09
D-11
B-17
(MU802768)
B-19
(MU802348)
B-25
(MU802406)
B-26
B-36
B-101
MU802779
B-108
MU802611
D-17
MU801669
D-22

HHSF0E01BC

5

6

NO.1 INJECTOR (B-02)
NO.2 INJECTOR (B-03)
NO.3 INJECTOR (B-04)
NO.4 INJECTOR (B-05)
EGR GAS TEMPERATURE SENSOR (B-105)
J/B (FUSE ⑩)
J/B (FUSE ⑦)
NO CONNECTION (D-138)
J/C(3) (D-104)
COMBINATION METER (PWM)
ENGINE-ECU
NO.1 EXHAUST GAS TEMPERATURE SENSOR (B-103)
NO.2 EXHAUST GAS TEMPERATURE SENSOR (B-102)
NO.3 EXHAUST GAS TEMPERATURE SENSOR (A-06)
EXHAUST DIFFERENTIAL PRESSURE SENSOR (B-104)
BATTERY CURRENT SENSOR
POWER STEERING FLUID PRESSURE SWITCH (B-27)
RAIL PRESSURE SENSOR (B-11)



NOTE
*: ·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·EMERGENCY CALL SWITCH
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL MULTI-FUNCTION SWITCH
·SPARE CONNECTOR (FOR AUDIO)

HHSF0E01CC

7

8

ELECTRONIC-CONTROLLED THROTTLE VALVE (B-15)

THROTTLE VALVE CONTROL SERVO

THROTTLE POSITION SENSOR

MANIFOLD ABSOLUTE PRESSURE SENSOR (B-35)

A/C COMPRESSOR RELAY

DUAL PRESSURE RELAY

BLOWER SWITCH

FIN THERMO SENSOR

NO CONNECTION (A-106X)

PTC HEATER RELAY A

PTC HEATER RELAY B

PTC HEATER RELAY C

ENGINE-ECU

| | | |

9

10

FUSIBLE LINK (2)

10R

1 (D-409)

J/B (12) 15A

13 (D-403)

W-B

INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

INPUT SIGNAL
INHIBITOR SWITCH (N)

ENGINE-ECU (D-11)

(CANL) (CANH)

109 <T>0.35BR
108 <T>0.35Y
11
12
21 <T>0.35G
10 <T>0.35P

ASTC-ECU (A-02)

CANL CANH

4 <T>0.35W
16 <T>0.35LG
20
21 (D-04)
16 <T>0.35L
5 <T>0.35GR

A/T-ECU (D-24)

CANL CANH

16 <T>(B-W)
24 <T>(R)
13
14 (D-20)

AS&G-ECU (D-33)

CANL CANH

14 <T>0.35Y
1 <T>0.35LG
12
1 (D-25)

J/C (CAN2) (D-112)

20 <T>0.35L
9 <T>0.35SB
18
7

J/C (CAN1) (D-133)

21 <T>(L-W)
10 <T>(BR-W)

15 <T>0.35G
4 <T>0.35SB
55
56

TRANSFER-ECU (D-132)

CANL CANH

16 <T>0.35W
5 <T>0.35LG
1
2

A/C-ECU (D-106)

CANL CANH

13 <T>0.35Y
2 <T>0.35BE
15
14

COMBINATION METER (D-103)

(CANL) (CANH) (IG+)

CPU

CHECK ENGINE

DPF

J/B (FUSE (15))

2

E

L

2

0.35L

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

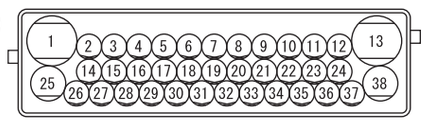
DIAGNOSIS CONNECTOR (D-229)

16
14 <T>(L-W)
6 <T>(BR-W)

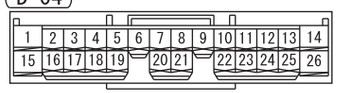
B-W 4
B-W 5

20

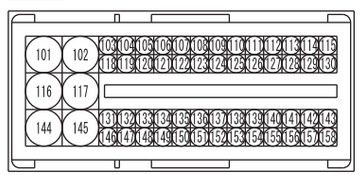
A-02



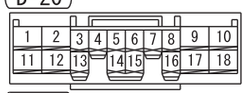
D-04



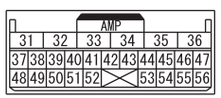
D-11



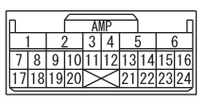
D-20



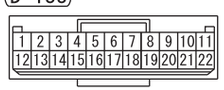
D-132



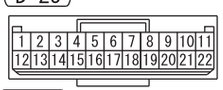
D-24



D-133



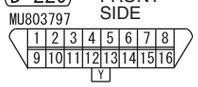
D-25



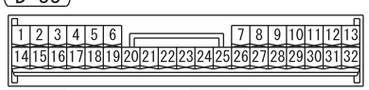
D-229

MU803797

FRONT SIDE

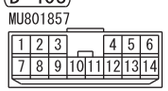


D-33



D-403

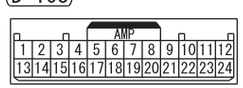
MU801857



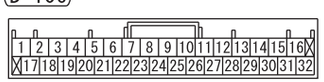
D-409

1

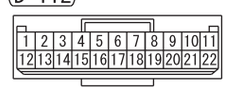
D-103



D-106



D-112



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow
SB : Sky blue BR : Brown O : Orange GR : Grey R : Red
P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSF0E01EC

1

2

FUSIBLE LINK (5)

<F>15W

1 (A-119)

RELAY BOX

F14

7.5A

ENGINE CONTROL RELAY (A-113X)

2

3

ON

OFF

1

4

3R

F23

20A

3R

F22

1.25P

AS&G-ECU

P

3

AIR FLOW SENSOR (A-41)

INTAKE AIR TEMPERATURE SENSOR

AIR FLOW SENSOR

1.25 P

3

A

1

2

5

4

V-W

P-B

1.25P-B

1.25P-B

L-W

W-B

BATTERY CURRENT SENSOR

W

Y

103

118

101

102

140

155

147

154 (D-11)

ENGINE-ECU

BACK

C/R

BAT1

BAT2

AFS

AFSE

ATS

ATSE

IGNITION SWITCH (IG2) OR IG2 RELAY

<F>2R

6

J/B

10

7.5A

ETACS-ECU (TAIL LAMP RELAY)

7

7.5A

ETACS-ECU

7

1 (D-405)

W-B

W-B

0.35LG

6 B

6 C

6 D

IGNITION SWITCH (ST)

<F>2P

2

4

7.5A

5 (D-407)

KOS& OSS-ECU (D-222)

STO

25

0.35LG

10 (D-04)

VEHICLES WITH KOS

VEHICLES WITHOUT KOS

·CLUTCH INTERLOCK SWITCH

·INHIBITOR SWITCH (P, N)

STARTER RELAY

LG

LG

(G-W)

AS&G-ECU

6

18 (D-09)

111

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 (D-402)

9

7.5A

15

10A

14 (D-403)

NEUTRAL POSITION SWITCH

(BR-W)

·AS&G-ECU

·CLUTCH INTERLOCK SWITCH

26 (D-04)

(L-W)

104 (D-11)

6 (D-405)

L

10 12 E

NO CONNECTION

D-03

4

SB

11 (D-09)

<NO CONNECTION>

NTSW

STRL

ST

IGN

A-41 (MU001352)

A-113X

A-119

D-03

D-04

D-222

D-402 MU801331

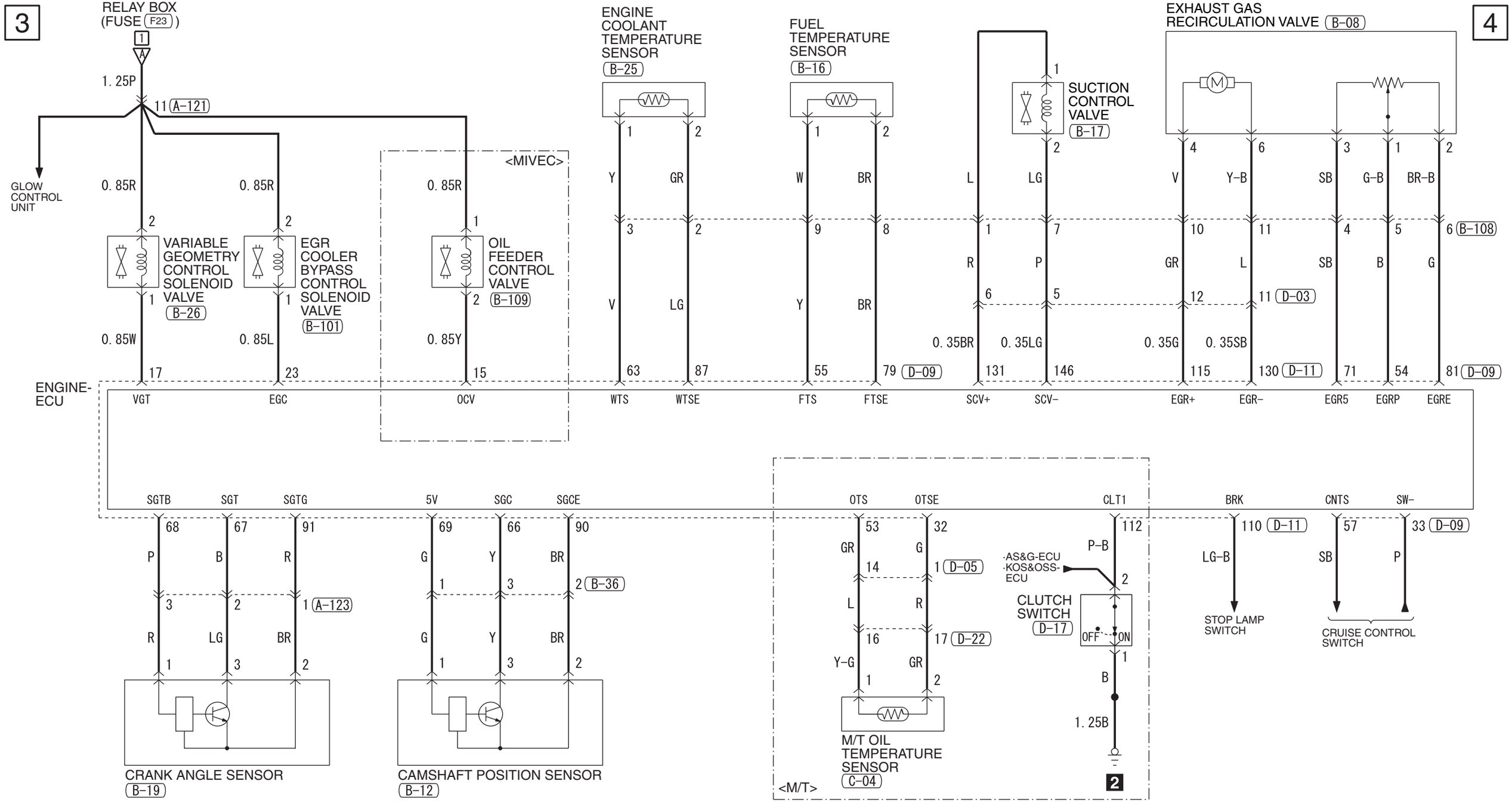
D-403 MU801857

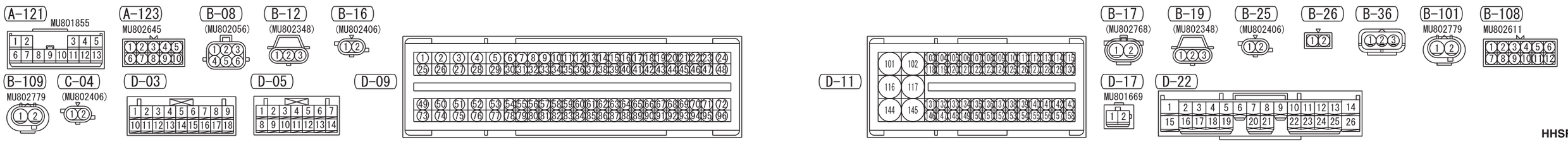
D-405 MU801839

D-407 MU801867

D-09

D-11


3
4
RELAY BOX
(FUSE F23)
1
A
1. 25P
11 A-121
GLOW CONTROL UNIT
0. 85R
0. 85R
0. 85R
2
2
1
VARIABLE GEOMETRY CONTROL SOLENOID VALVE B-26
EGR COOLER BYPASS CONTROL SOLENOID VALVE B-101
OIL FEEDER CONTROL VALVE B-109
<MIVEC>
0. 85W
0. 85L
0. 85Y
17
23
15
ENGINE-ECU
VGT
EGC
OCV
ENGINE COOLANT TEMPERATURE SENSOR B-25
FUEL TEMPERATURE SENSOR B-16
SUCTION CONTROL VALVE B-17
EXHAUST GAS RECIRCULATION VALVE B-08
Y
GR
W
BR
L
LG
V
Y-B
SB
G-B
BR-B
V
LG
Y
BR
R
P
GR
L
SB
B
G
0. 35BR
0. 35LG
0. 35G
0. 35SB
63
87
55
79 D-09
131
146
115
130 D-11
71
54
81 D-09
B-108
D-03
SGTB
SGT
SGTG
5V
SGC
SGCE
OTS
OTSE
CLT1
BRK
CNTS
SW-
68
67
91
69
66
90
53
32
112
110 D-11
57
33 D-09
P
B
R
G
Y
BR
GR
G
P-B
LG-B
SB
P
3
2
1 A-123
1
3
2
B-36
14
1 D-05
2
R
LG
BR
G
Y
BR
L
R
AS&G-ECU
KOS&OSS-ECU
STOP LAMP SWITCH
CRUISE CONTROL SWITCH
CRANK ANGLE SENSOR B-19
CAMSHAFT POSITION SENSOR B-12
16
17 D-22
CLUTCH SWITCH D-17
OFF
ON
Y-G
GR
B
M/T OIL TEMPERATURE SENSOR C-04
1. 25B
<M/T>
2


A-121
MU801855
A-123
MU802645
B-08
(MU802056)
B-12
(MU802348)
B-16
(MU802406)
B-109
MU802779
C-04
(MU802406)
D-03
D-05
D-09
D-11
B-17
(MU802768)
B-19
(MU802348)
B-25
(MU802406)
B-26
B-36
B-101
MU802779
B-108
MU802611
D-17
MU801669
D-22

HHSF0E02BC

5

6

NO.1 INJECTOR B-02

NO.2 INJECTOR B-03

NO.3 INJECTOR B-04

NO.4 INJECTOR B-05

EGR GAS TEMPERATURE SENSOR B-105

VARIABLE GEOMETRY POSITION SENSOR B-112

J/B (FUSE ⑩)

J/B (FUSE ⑦)

NO CONNECTION D-138

J/C(3) D-104

COMBINATION METER (PWM)

ENGINE-ECU

INJ1 I/B1 INJ2 I/B2 INJ3 I/B3 INJ4 I/B4 ETS ETSE VGP VGP5 VGPE DRSW DRSL

DTS1 DT1E DTS2 DT2E DTS3 DT3E DDP5 DDPS DDPE ECB ECB5 BTS P/S FPS5 FPS FPSE

NO.1 EXHAUST GAS TEMPERATURE SENSOR B-103

NO.2 EXHAUST GAS TEMPERATURE SENSOR B-102

NO.3 EXHAUST GAS TEMPERATURE SENSOR A-06

EXHAUST DIFFERENTIAL PRESSURE SENSOR B-104

BATTERY CURRENT SENSOR

POWER STEERING FLUID PRESSURE SWITCH B-27

RAIL PRESSURE SENSOR B-11

NOTE
★: ·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HAZARD WARNING LAMP SWITCH <RHD>
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL MULTI-FUNCTION SWITCH
·SPARE CONNECTOR (FOR AUDIO)

A-06 B-02 B-03 B-04 B-05 B-11 B-27 B-102 B-103 B-104 B-105 B-112

D-04 D-138

D-05 D-09 D-11

HHSF0E02CC

7

8

ELECTRONIC-CONTROLLED THROTTLE VALVE B-15

THROTTLE VALVE CONTROL SERVO

THROTTLE POSITION SENSOR

MANIFOLD ABSOLUTE PRESSURE SENSOR B-35

A/C COMPRESSOR RELAY

DUAL PRESSURE RELAY

BLOWER SWITCH

FIN THERMO SENSOR

NO CONNECTION A-106X

PTC HEATER RELAY A

PTC HEATER RELAY B

PTC HEATER RELAY C

ENGINE-ECU

ETV− ETV+ TPS5 TPSM TPSE MAP5 MAP MAPE AC/R AC/S BFAN ACTE F/LO HTR1 HTR2 HTR3

APS5 APSM APSE AP5 APSS APE SGND GNDB GNDE AC/T FDFO PTCS G/CT G/DA ALTF ALTG ALTL OPSW WLS

ACCELERATOR PEDAL POSITION SENSOR D-15

FIN THERMO SENSOR

HEATER CONTROLLER ASSEMBLY

·A/C-ECU ·HEATER CONTROLLER ASSEMBLY

GLOW CONTROL UNIT

ALTERNATOR

ENGINE OIL PRESSURE SWITCH

WATER LEVEL SWITCH

(MAIN) (SUB)

A-106X B-15 (MU805200) B-35 D-03 D-09 D-11 D-15 (MU805200)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White
Y : Yellow SB : Sky blue BR : Brown O : Orange GR : Grey
R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSF0E02DC

9

<LHD>

10

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ENGINE-ECU (D-11)

(CANL) (CANH)

ASTC-ECU (A-02)

CANL CANH

109 108 4 16

<T>0.35BR <T>0.35Y <T>0.35W <T>0.35LG

11 12 20 21 (D-04)

<T>0.35G <T>0.35P <T>0.35L <T>0.35GR

21 10 16 5

J/C (CAN2) (D-112)

20 9

<T>0.35L <T>0.35SB

18 7

J/C (CAN1) (D-133)

21 10

<T> (L-W) <T> (BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

B-W 4 B-W 5

20

15 4

<T>0.35G <T>0.35SB

55 56

CANL CANH

TRANSFER-ECU (D-132)

INPUT SIGNAL

INHIBITOR SWITCH (N)

A/T-ECU (D-24)

CANL CANH

16 24

<T> (B-W) <T> (R)

13 14 (D-20)

<T>0.35G <T>0.35P

12 1

16 5

<T>0.35W <T>0.35LG

1 2

CANL CANH

AS&G-ECU (D-33)

CANL CANH

14 1

<T>0.35Y <T>0.35LG

12 1 (D-25)

<T>0.35Y <T>0.35BR

19 8

13 2

<T>0.35Y <T>0.35BE

15 14

(CANL) (CANH)

CPU

COMBINATION METER (D-103)

J/B (FUSE (15))

2

F

L

2

0.35L

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

2

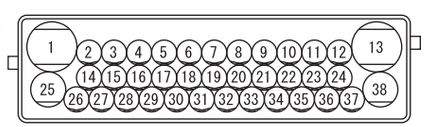
(IG+)

CHECK ENGINE

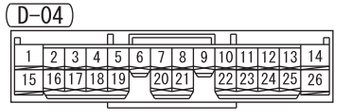
DPF

A/C-ECU (D-106)

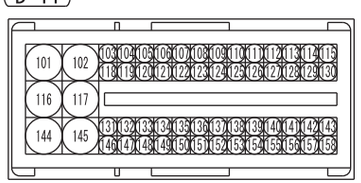
(A-02)



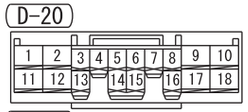
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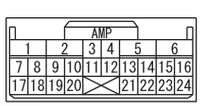
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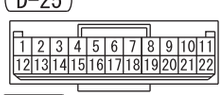
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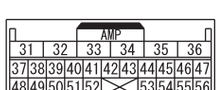
(D-24)



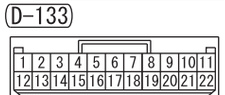
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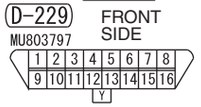
(D-132)



(D-133)

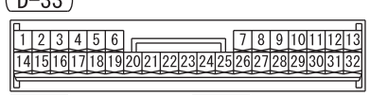


(D-229) MU803797

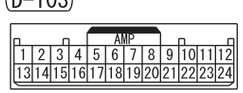


FRONT SIDE

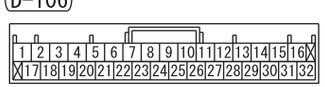
(D-33)



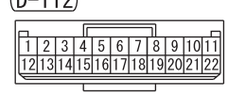
(D-103)



(D-106)



(D-112)



(D-403) MU801857



(D-409)



Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow
SB : Sky blue BR : Brown O : Orange GR : Grey R : Red
P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSF0E02EC

11

<RHD>

12

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

INPUT SIGNAL

INHIBITOR SWITCH (N)

J/B (FUSE (15))

2

F

L

0.35L

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

ENGINE-ECU (D-11)

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

11 12

<T>0.35G <T>0.35P

22 11

J/C (CAN2) (D-112)

17 6

<T>(L-W) <T>(BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

7

ASTC-ECU (A-02)

CANL CANH

4 16

<T>0.35W <T>0.35LG

20 21

<T>0.35L <T>0.35GR

14 3

<T>0.35G <T>0.35SB

15 4

55 56

TRANSFER-ECU (D-132)

CANL CANH

AS&G-ECU (D-33)

CANL CANH

14 1

<T>0.35Y <T>0.35LG

17 16 (D-04)

<T>0.35Y <T>0.35BR

13 2

<T>0.35W <T>0.35LG

20 9

1 2

A/C-ECU (D-106)

CANL CANH

A/T-ECU (D-24)

CANL CANH

16 24

<T>(B-W) <T>(R)

13 14 (D-20)

<T>0.35G <T>0.35P

19 8

J/C (CAN1) (D-133)

18 7

<T>0.35L <T>0.35SB

21 10

<T>0.35Y <T>0.35BE

16 5

15 14

(CANL) (CANH) (IG+)

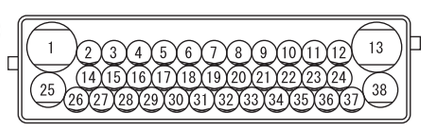
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CHECK ENGINE DPF

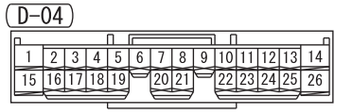
CPU

COMBINATION METER (D-103)

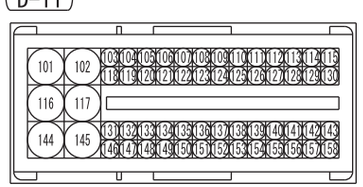
A-02



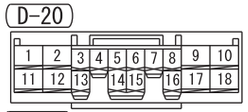
D-04



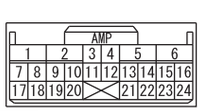
D-11



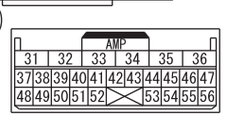
D-20



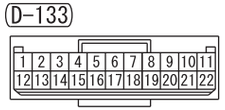
D-24



D-132



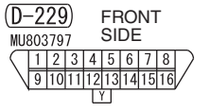
D-133



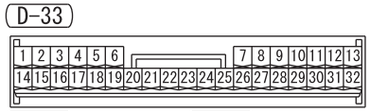
D-229

MU803797

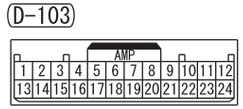
FRONT SIDE



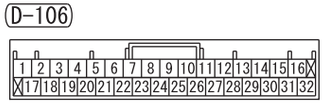
D-33



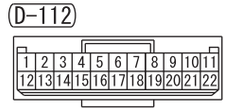
D-103



D-106

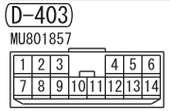


D-112



D-403

MU801857



D-409

1

Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow
SB : Sky blue BR : Brown O : Orange GR : Grey R : Red
P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSF0E02FC

Front fog lamp

1

2

FUSIBLE LINK ③

10W

1 A-120

RELAY BOX

F6

15A

1.25R-W

0.85R-W

4

1

FRONT FOG LAMP RELAY

A-112X

OFF

ON

3

2

W-B

0.85W-B

SB

8 D-25

2

FRONT FOG LAMP (LH)

A-23

1

B-W

1.25B

2

FRONT FOG LAMP (RH)

A-30

1

B-W

1

IGNITION SWITCH (IG2) OR IG2 RELAY

(W-B)

7 D-405

<F>2R

6 D-402

10

7.5A

44 D-416

(IG2)

(FOGY)

GND (SGND)

GND (EARTH)

D-415 67

70

2 D-404

12 D-403

0.35Y

0.35B

1.25B

<F>2B

20

J/B (FUSE ⑮)

2 B

0.35L

68 D-415

ETACS-ECU

(IG1)

(ETACS +B)

LIN INTERFACE

POWER SOURCE

(LIN)

54 D-415

LIGHTING CONTROL SENSOR

(V-W)

FUSIBLE LINK ②

10R

1 D-409

26

20A

20 D-404

13

15A

2

0.35R

3

0.35R

0.35R

3 4 A

★1

★2

0.35L

2 B

0.35L

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 D-402

J/B

15

10A

6 D-405

L

2

3

1

9

COLUMN SWITCH D-312

(DATA)

(+B)

(IG1)

COLUMN-ECU

4

(GND)

0.35 B

<F> 2B

20 7

<LHD><RHD>

LIGHTING SWITCH D-312-1

7

8

9

10

11

5

OFF ON

(HEAD)

(TAIL)

(AUTO) ★3

(OFF)

LIGHTING SWITCH

FOG LAMP SWITCH

NOTE

★1 : ·A/C-ECU
·CLOCK
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

★2 : ·A/C-ECU
·AS&G OFF SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

★3 : VEHICLES WITH AUTO LAMP

1

20

A-23 A-30 A-112X A-120 D-25 D-312 (MU801514) D-312-1 D-402 MU801331 D-403 MU801857

D-404 J/B SIDE D-405 MU801839 D-409 D-415 (MU803766) D-416 (MU803765)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E04AC

3

<LHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

ETACS-ECU (D-415)

(CANL)

(CANH)

65

56

13 (D-403)

<T>0.35G

<T>0.35W

W-B

22

11

J/C (CAN1) (D-133)

21

10

13

2

<T> (L-W)

<T> (BR-W)

<T>0.35Y

<T>0.35BE

0.35R

16

14

6

15

14

1

DIAGNOSIS CONNECTOR (D-229)

4

5

(CANL)

(CANH)

(B+B)

B-W

B-W

FRONT FOG

MULTI-INFORMATION DISPLAY SWITCH

CPU

20

COMBINATION METER (D-103)

J/B (FUSE (13))

2

A

4

<RHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

ETACS-ECU (D-415)

(CANL)

(CANH)

65

56

13 (D-403)

<T>0.35G

<T>0.35W

22

11

J/C (CAN1) (D-133)

18

7

W-B

<T>0.35L

<T>0.35SB

21

10

J/C (CAN2) (D-112)

17

6

16

5

<T> (L-W)

<T> (BR-W)

<T>0.35Y

<T>0.35BE

0.35R

16

14

6

15

14

1

DIAGNOSIS CONNECTOR (D-229)

4

5

(CANL)

(CANH)

(B+B)

B-W

B-W

FRONT FOG

MULTI-INFORMATION DISPLAY SWITCH

CPU

7

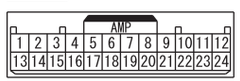
COMBINATION METER (D-103)

J/B (FUSE (13))

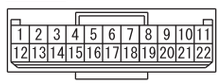
2

A

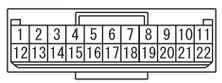
(D-103)



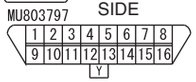
(D-112)



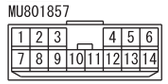
(D-133)



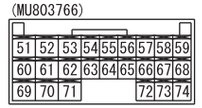
(D-229)



(D-403)



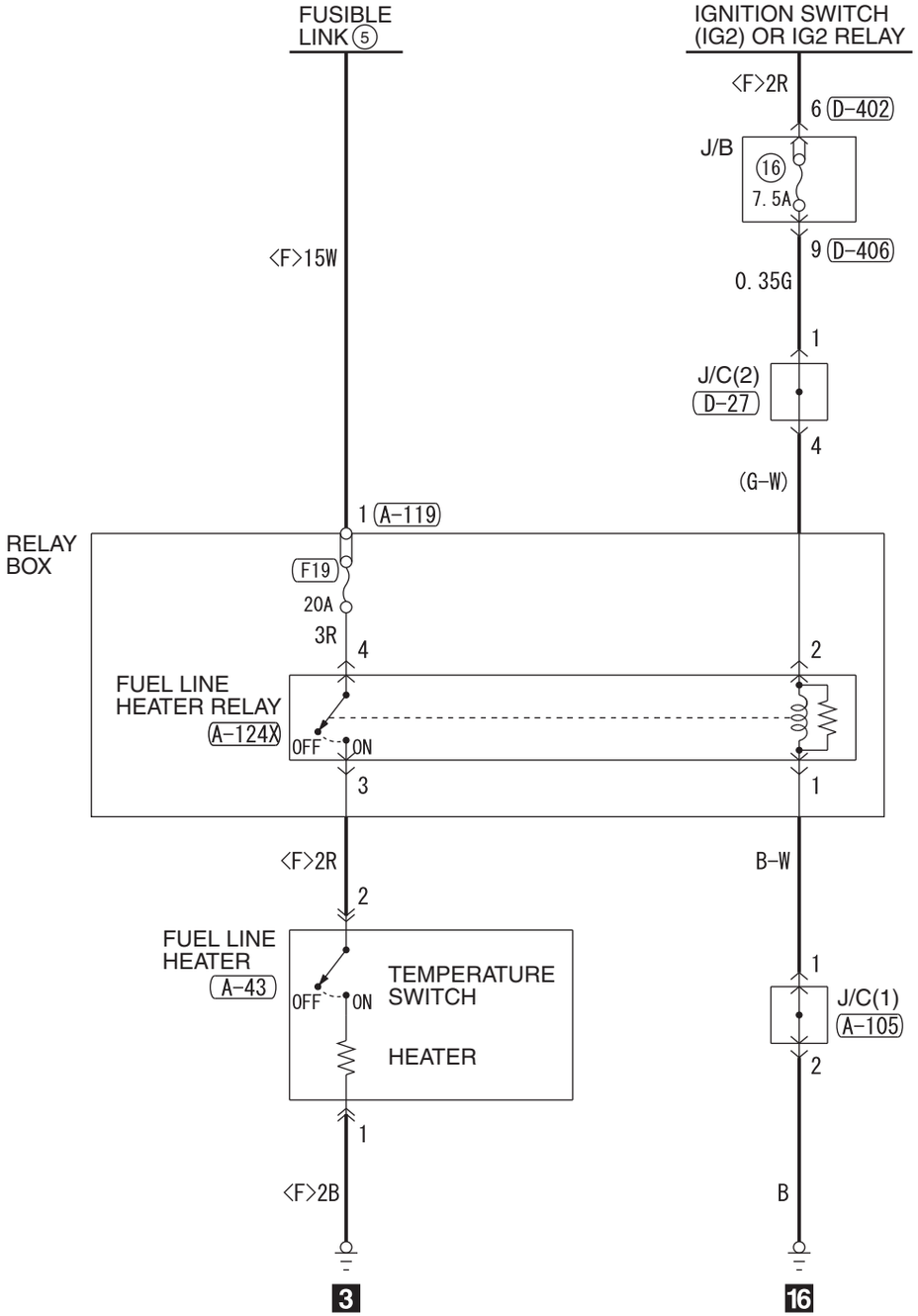
(D-409) (D-415)

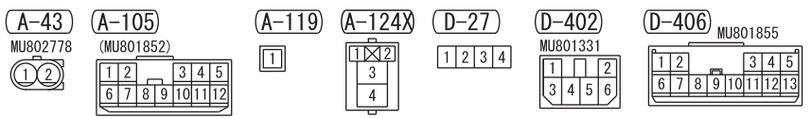


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E04BC

1





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

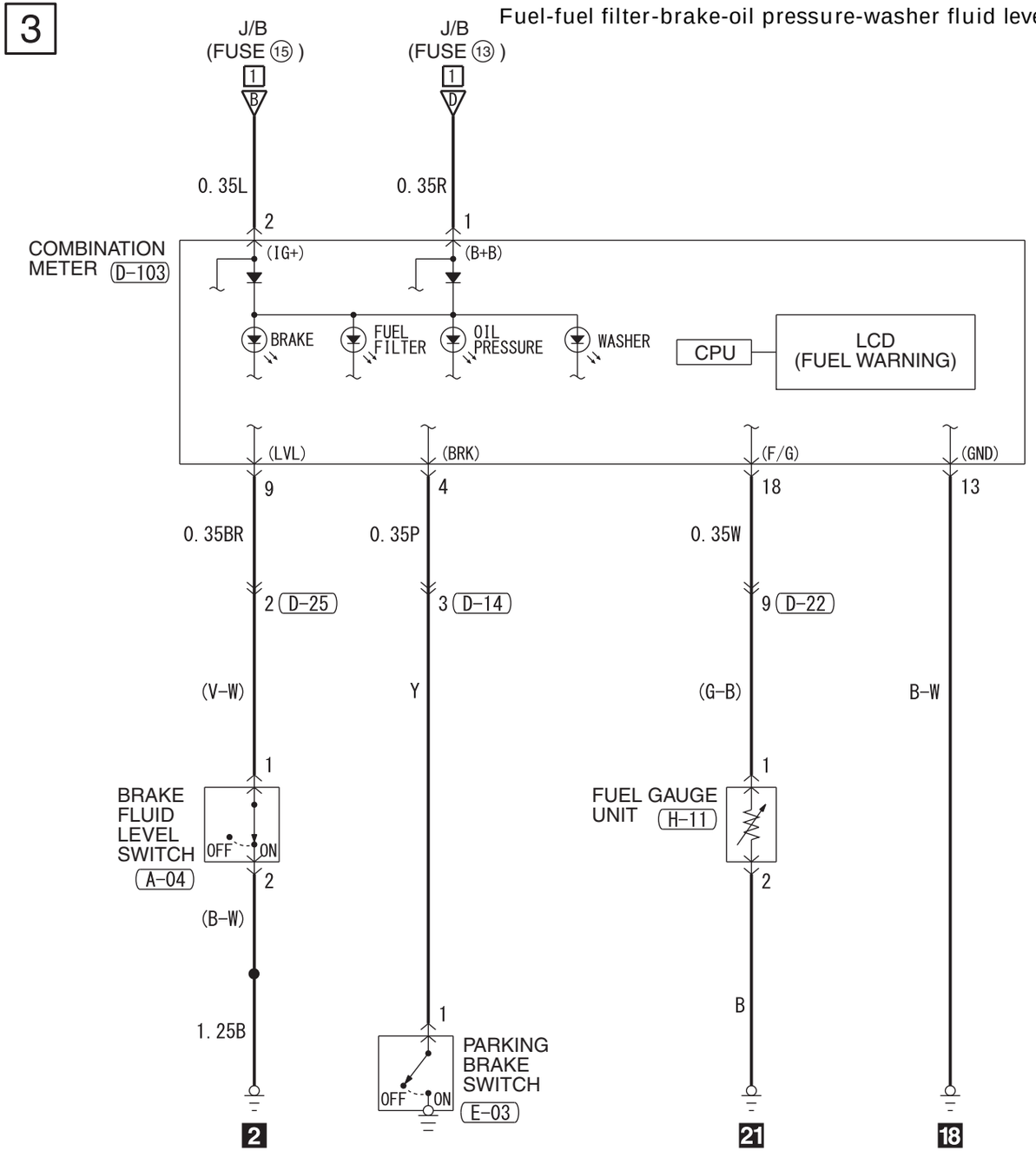
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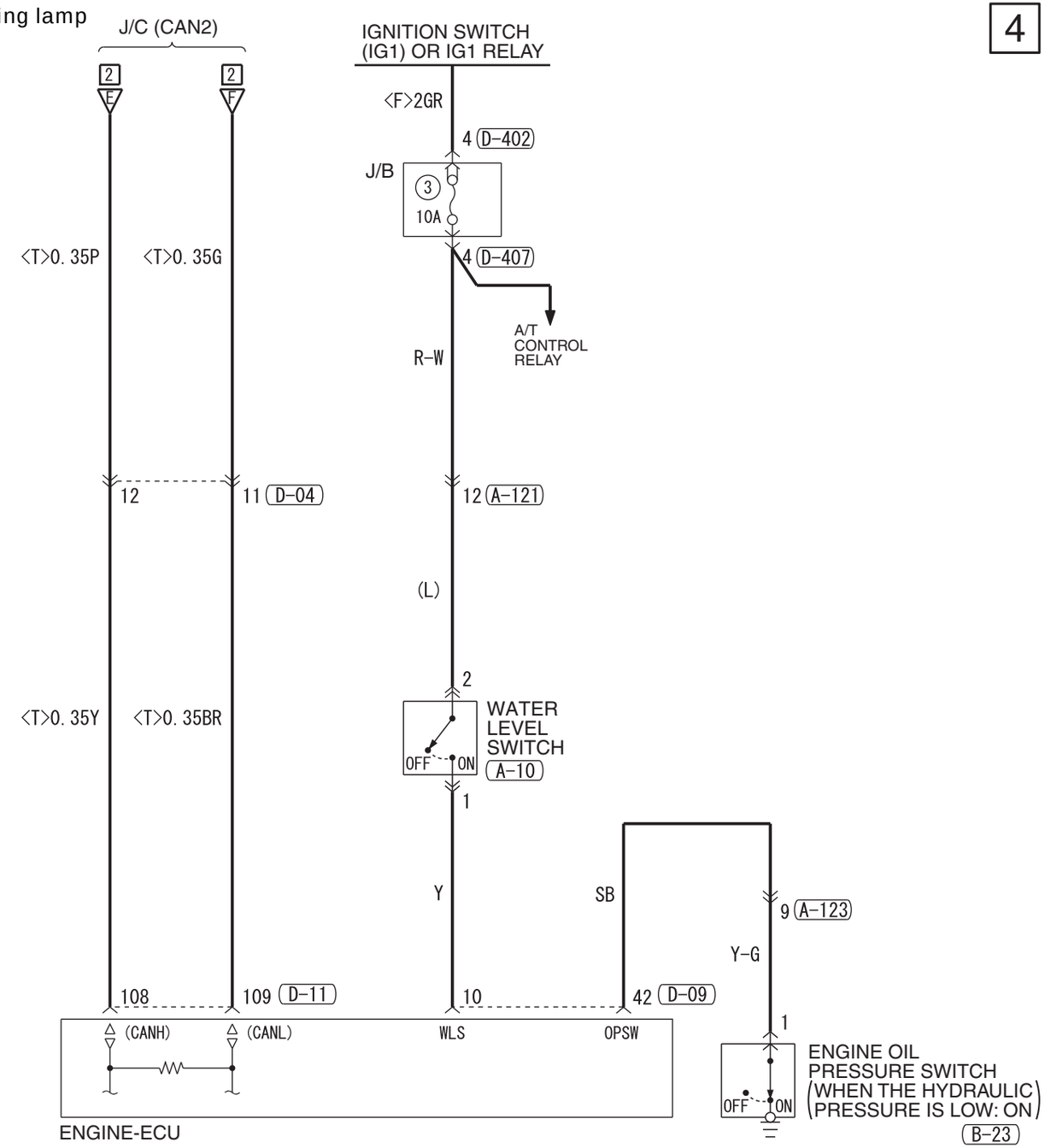
Fuel line heater (vehicles for Russia)

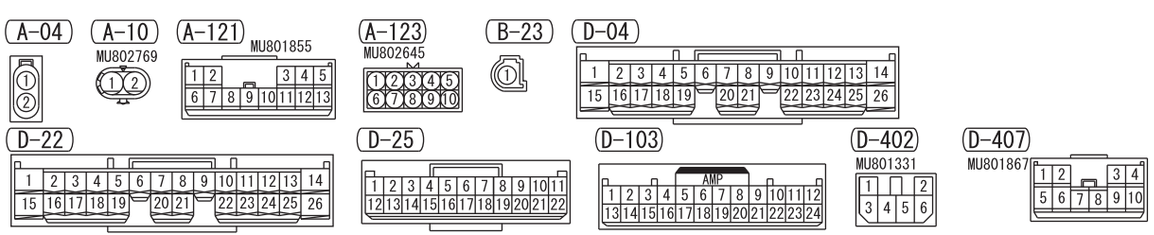
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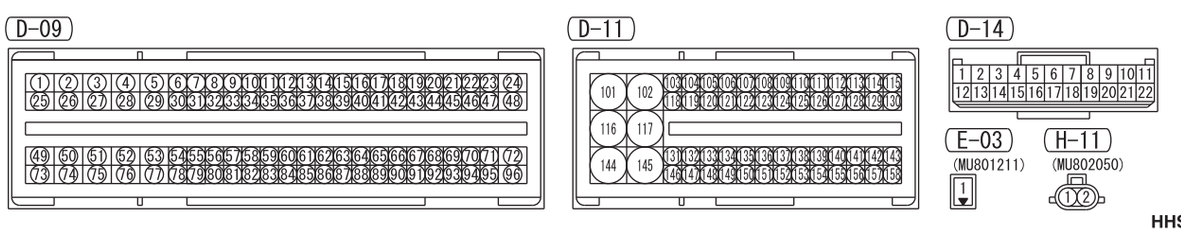
4

Fuel-fuel filter-brake-oil pressure-washer fluid level – warning lamp

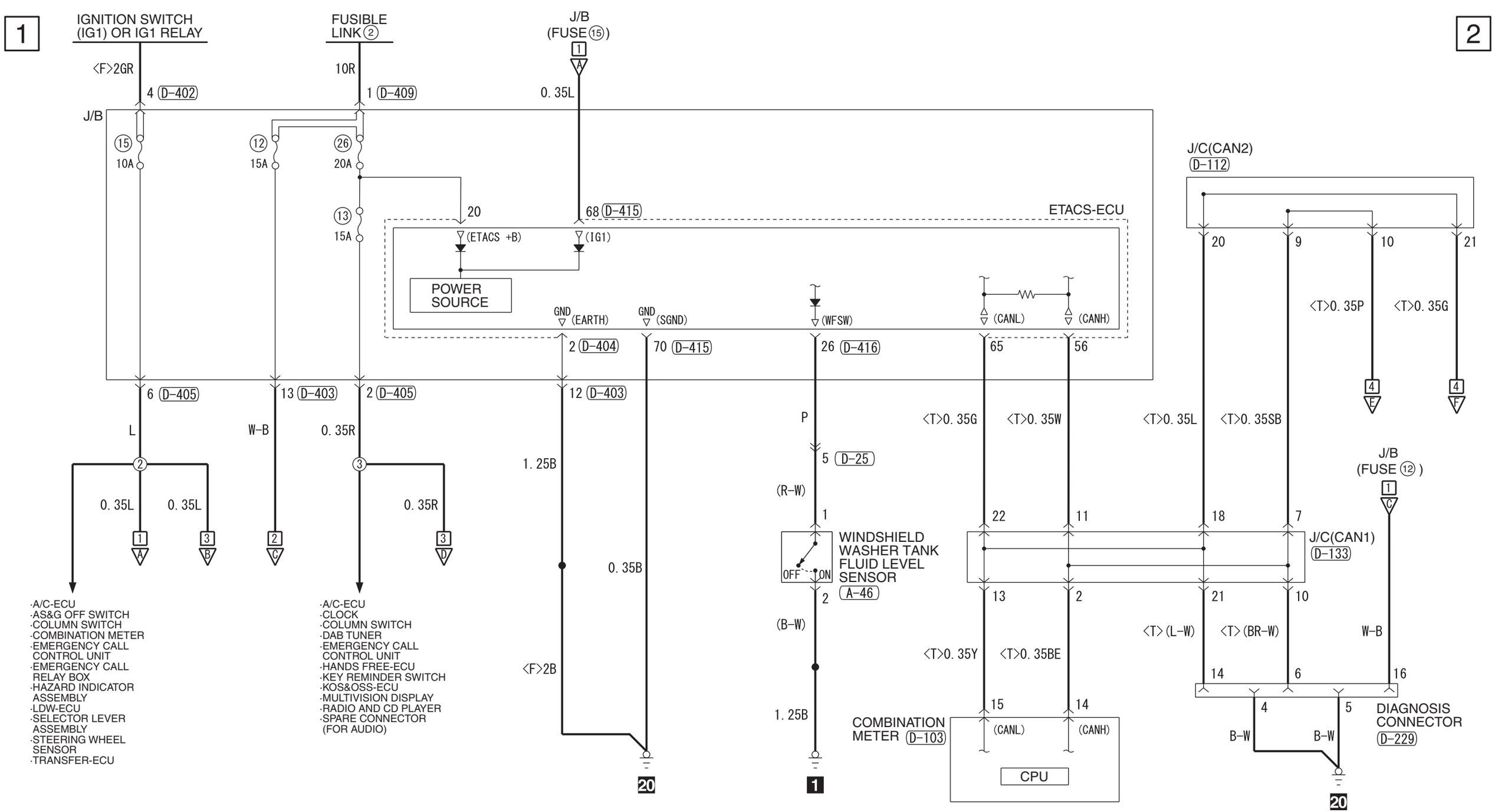


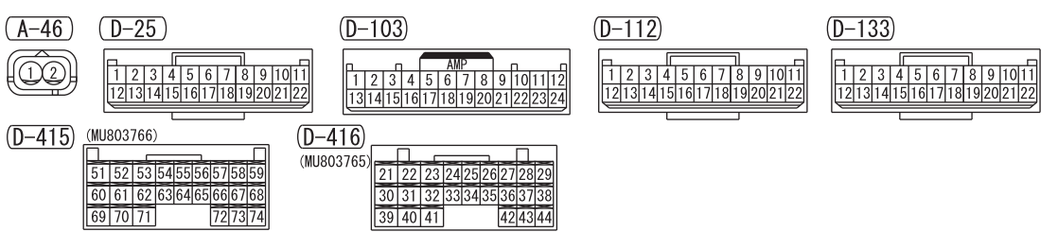


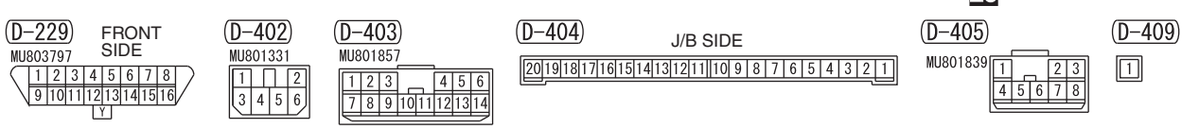




HHSL0E01BC







Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSL0E01AC

1

2

IGNITION SWITCH (IG1) OR IG1 RELAY

FUSIBLE LINK ②

J/B (FUSE ⑮)

<F>2GR

4 D-402

10R

1 D-409

1 A

0. 35L

J/B

⑮ 10A

⑫ 15A

㉖ 20A

⑬ 15A

20

68 D-415

ETACS-ECU

(ETACS +B)

(IG1)

POWER SOURCE

GND (EARTH)

GND (SGND)

(WFSW)

(CANL)

(CANH)

2 D-404

70 D-415

26 D-416

65

56

6 D-405

13 D-403

2 D-405

12 D-403

L

W-B

0. 35R

1. 25B

P

<T>0. 35G

<T>0. 35W

22

11

5 D-25

J/C(CAN1) D-133

(R-W)

18

7

<T>0. 35L

<T>0. 35SB

2

NO CONNECTION A-46

21

10

22

11

J/C(CAN2) D-112

1

(B-W)

16

5

17

6

<T>0. 35Y

<T>0. 35BE

<T> (L-W)

<T> (BR-W)

W-B

14

6

16

1. 25B

15

14

COMBINATION METER D-103

(CANL)

(CANH)

CPU

B-W

4

B-W

5

DIAGNOSIS CONNECTOR D-229

0. 35L

0. 35L

0. 35R

0. 35R

0. 35B

<F>2B

1 A

3 B

2 C

3 D

1 C

4 E

4 F

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

·A/C-ECU
·CLOCK
·COLUMN SWITCH
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

20

1

7

A-46

D-25

D-103

AMP

D-112

D-133

D-415 (MU803766)

D-416 (MU803765)

D-229 MU803797 FRONT SIDE

D-402 MU801331

D-403 MU801857

D-404 J/B SIDE

D-405 MU801839

D-409

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

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3

J/B (FUSE 15)
J/B (FUSE 13)
0.35L
0.35R
COMBINATION METER D-103
(IG+)
(B+B)
BRAKE
FUEL FILTER
OIL PRESSURE
WASHER
CPU
LCD (FUEL WARNING)
(LVL)
(BRK)
(F/G)
(GND)
0.35BR
0.35P
0.35W
NO CONNECTION D-247
2 D-25
9 D-22
(V-W)
(P-B)
(G-B)
B-W
BRAKE FLUID LEVEL SWITCH A-04
OFF ON
3 D-14
FUEL GAUGE UNIT H-11
(B-W)
Y
B
1.25B
PARKING BRAKE SWITCH E-03
OFF ON
2
21
18

J/C (CAN2)
<T>0.35P
<T>0.35G
12
11 D-04
<T>0.35Y
<T>0.35BR
108
109 D-11
(CANH)
(CANL)
ENGINE-ECU

IGNITION SWITCH (IG1) OR IG1 RELAY
<F>2GR
4 D-402
J/B
3
10A
4 D-407
A/T CONTROL RELAY
R-W
12 A-121
(L)
2
WATER LEVEL SWITCH A-10
OFF ON
1
Y
10
WLS
SB
42 D-09
9 A-123
Y-G
1
OPSW
ENGINE OIL PRESSURE SWITCH (WHEN THE HYDRAULIC PRESSURE IS LOW: ON) B-23
OFF ON

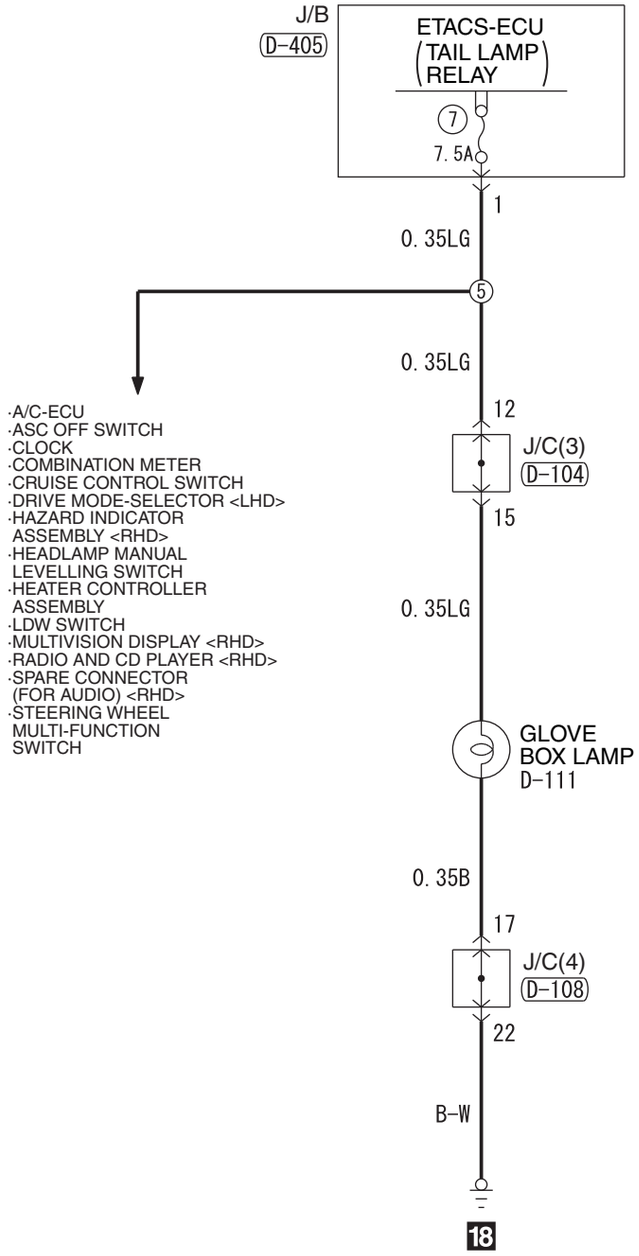
A-04
A-10
MU802769
A-121
MU801855
A-123
MU802645
B-23
D-04
D-09
D-103
AMP
D-247
D-402
MU801331
D-11
D-14
D-22
D-25
D-407
MU801867
E-03
(MU801211)
H-11
(MU802050)

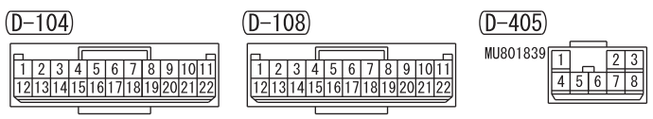
HHSL0E02BC

4

1

Glove box lamp





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC08E08AC

Glow system

1

2

FUSIBLE LINK 6

FUSIBLE LINK 5

FUSIBLE LINK 2

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>15W

1 A-119

RELAY BOX

ENGINE CONTROL RELAY A-113X

OFF ON

3 2 4 1

3R F22

3R F23

20A

5R

P-B

118

1.25P

·AIR FLOW SENSOR
·AS&G-ECU
·ENGINE-ECU

1.25P

·EGR COOLER BYPASS CONTROL SOLENOID VALVE
·OIL FEEDER CONTROL VALVE
·VARIABLE GEOMETRY CONTROL SOLENOID VALVE

11 A-121

0.85R

6

10

INPUT SIGNAL
·CRANK ANGLE SENSOR
·ENGINE COOLANT TEMPERATURE SENSOR
·IGNITION SWITCH (ST, IG1)
·MANIFOLD ABSOLUTE PRESSURE SENSOR
·INTAKE AIR TEMPERATURE SENSOR

C/R

ENGINE-ECU D-11

G/CT G/DA (CANL) (CANH)

0.35V W-B

120 126 109 108

3 2 D-03

11 12 D-04

G LG

<T>0.35BR <T>0.35Y

<T>0.35G <T>0.35P

11 9

GLOW CONTROL UNIT A-101

GLWB B G/RL DIAG

GLW1 GLW2 GLW3 GLW4 GND

1 2 3 4 7

<F>2W <F>2LG <F>2V <F>2L B

2 1 4 3 B-07

3Y 3L 3G 3R

1 1 1 1

NO.1 GLOW PLUG B-110

NO.2 GLOW PLUG B-111

NO.3 GLOW PLUG B-107

NO.4 GLOW PLUG B-106

5

10R

1 D-409

<F>2GR

4 D-402

J/B

12 15A

15 10A

13 D-403

6 D-405

W-B

L

2

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

DIAGNOSIS CONNECTOR D-229

16

14 6 4 5

<T>(L-W) <T>(BR-W) B-W B-W

21 10

J/C (CAN1) D-133

20

18 7 13 2

<T>0.35L <T>0.35SB <T>0.35Y <T>0.35BE 0.35L

21 10 20 9 15 14 2

(CANL) (CANH) (IG+)

GLOW

J/C(CAN2) D-112

CPU

COMBINATION METER D-103

A-101 A-113X A-119 A-121 MU801855 B-07 B-106 B-107 B-110 B-111 D-03

D-04 D-11 D-103 D-112

D-133 D-229 MU803797 FRONT SIDE D-402 MU801331 D-403 MU801857 D-405 MU801839 D-409

HHSF0E00AC

1

FUSIBLE LINK 6

FUSIBLE LINK 5

<F>15W

1 A-119

RELAY BOX

ENGINE CONTROL RELAY

A-113X

OFF ON

3

2

4

1

3R F22

3R F23

20A

5R

10

1.25P

·AIR FLOW SENSOR
·AS&G-ECU
·ENGINE-ECU

1.25P

·EGR COOLER BYPASS CONTROL SOLENOID VALVE
·OIL FEEDER CONTROL VALVE
·VARIABLE GEOMETRY CONTROL SOLENOID VALVE

11 A-121

0.85R

6

P-B

118

C/R

INPUT SIGNAL
·CRANK ANGLE SENSOR
·ENGINE COOLANT TEMPERATURE SENSOR
·IGNITION SWITCH (ST, IG1)
·MANIFOLD ABSOLUTE PRESSURE SENSOR
·INTAKE AIR TEMPERATURE SENSOR

ENGINE-ECU D-11

G/CT G/DA (CANL) (CANH)

0.35V 120 W-B 126

3 2 D-03

G 11 LG 9

<T>0.35BR 109 <T>0.35Y 108

11 12 D-04

<T>0.35G 22 <T>0.35P 11

J/C (CAN2) D-112

16 5 17 6

<T>0.35Y 15 <T>0.35BE 14 0.35L 2 <T> (L-W) 14 <T> (BR-W) 6 16

(CANL) (CANH) (IG+)

GLOW

CPU

COMBINATION METER D-103

DIAGNOSIS CONNECTOR D-229

4 5

B-W B-W

GLOW CONTROL UNIT A-101

GLWB B G/RL DIAG

GLW1 GLW2 GLW3 GLW4 GND

1 2 3 4 7

<F>2W <F>2LG <F>2V <F>2L B

2 1 4 3 B-07

3Y 3L 3G 3R

1 1 1 1

NO.1 GLOW PLUG B-110

NO.2 GLOW PLUG B-111

NO.3 GLOW PLUG B-107

NO.4 GLOW PLUG B-106

5

2

FUSIBLE LINK 2

IGNITION SWITCH (IG1) OR IG1 RELAY

10R

1 D-409

<F>2GR

4 D-402

J/B

12 15A

15 10A

13 D-403

6 D-405

L

W-B

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

7

A-101 FRONT SIDE

A-113X A-119 A-121 MU801855 B-07 B-106 B-107 B-110 B-111 D-03

D-229 MU803797 D-402 MU801331 D-403 MU801857 D-405 MU801839 D-409

D-04 D-11 D-103 D-112

HHC05E01AF

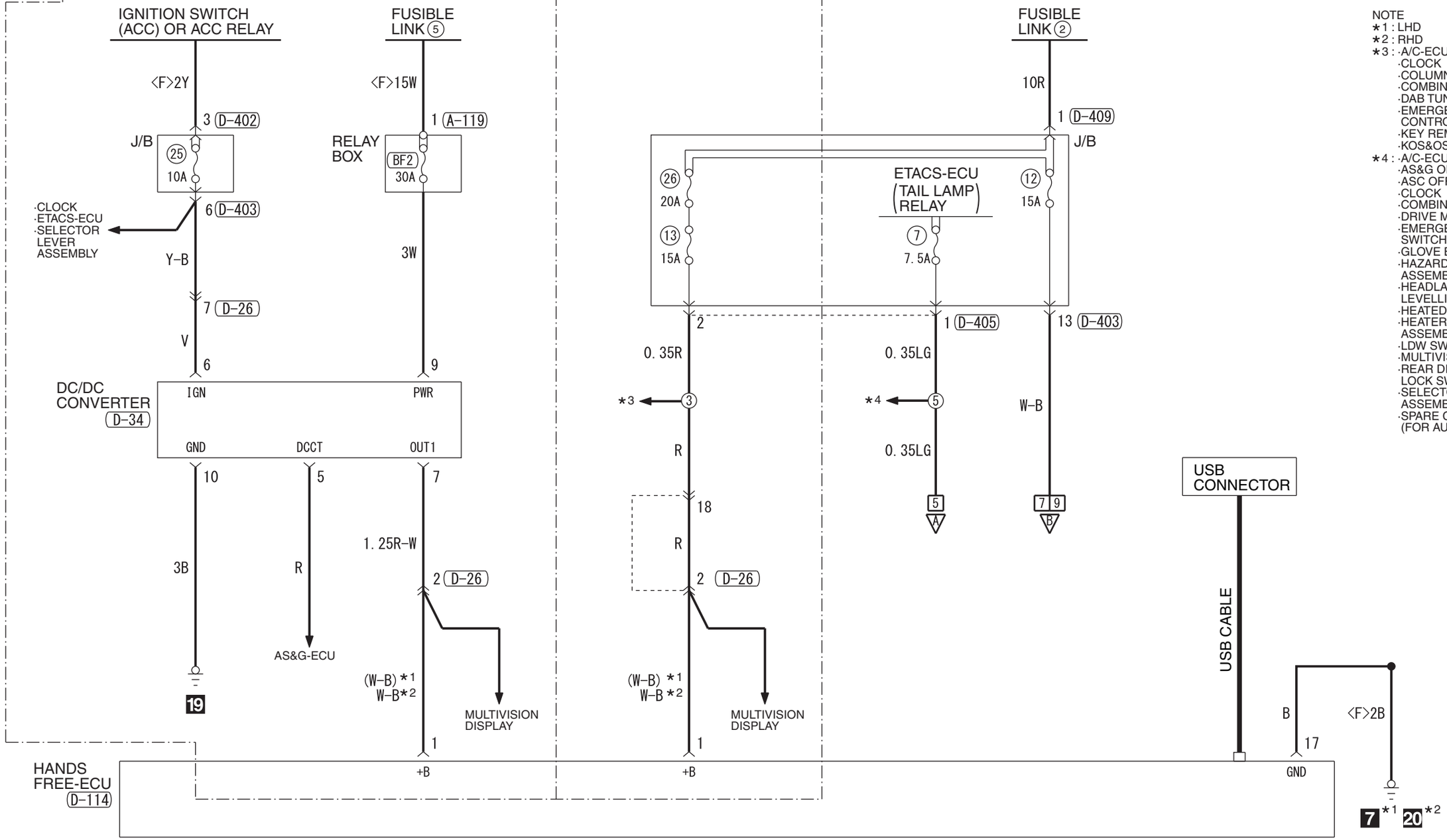
Hands-free interface system

1

2

<VEHICLES WITH AS&G SYSTEM>

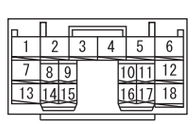
<VEHICLES WITHOUT AS&G SYSTEM>



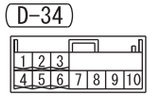
NOTE
*1 : LHD
*2 : RHD
*3 : ·A/C-ECU
·CLOCK
·COLUMN SWITCH
·COMBINATION METER
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·KEY REMINDER SWITCH
·KOS&OSS-ECU
*4 : ·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·DRIVE MODE-SELECTOR
·EMERGENCY CALL SWITCH
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·MULTIVISION DISPLAY
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)

A-119 1

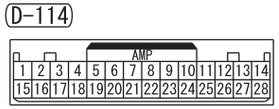
D-26



D-34



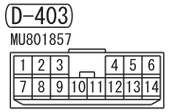
D-114



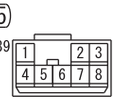
D-402 MU801331



D-403 MU801857



D-405 MU801839

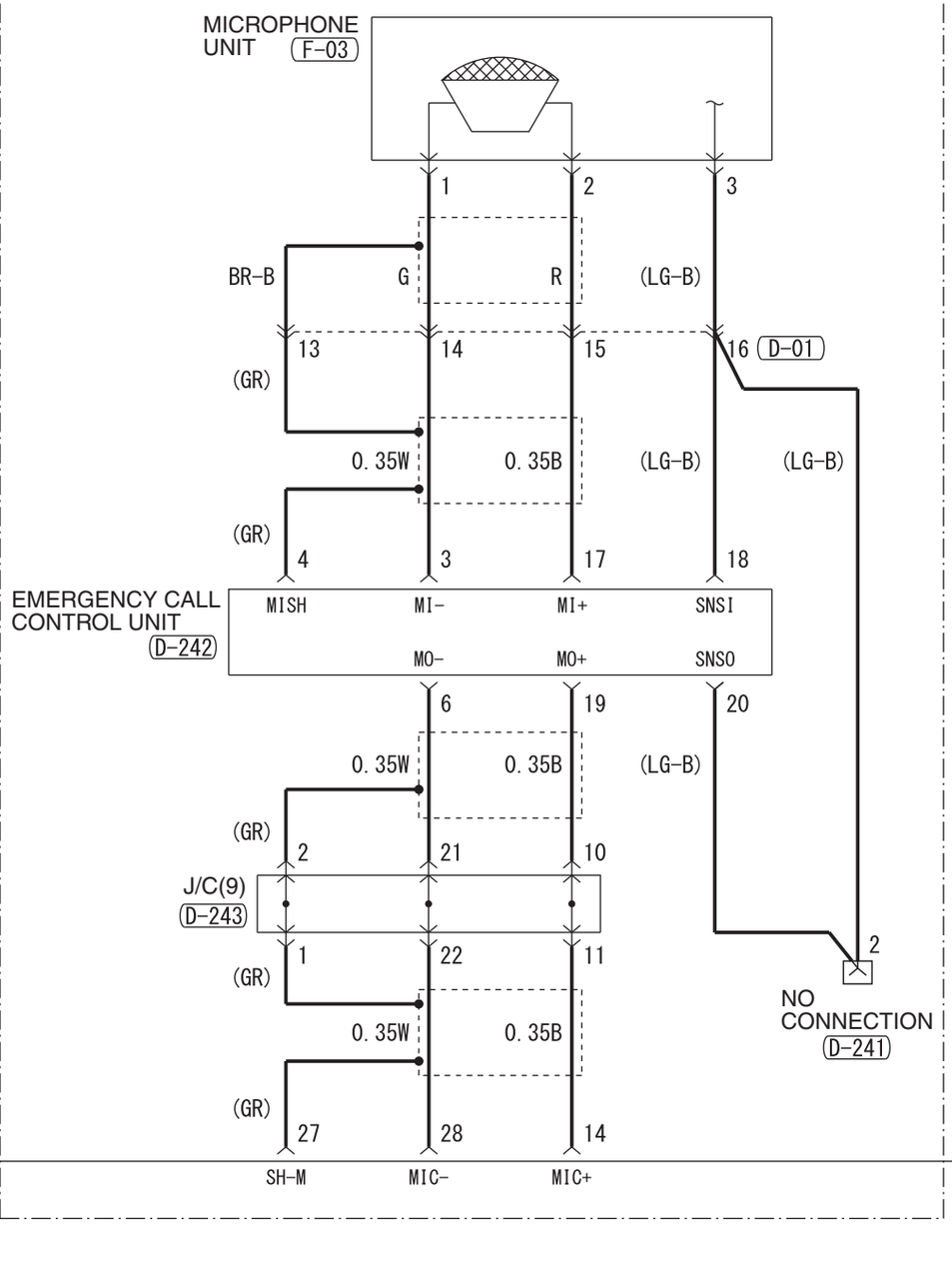


D-409 1

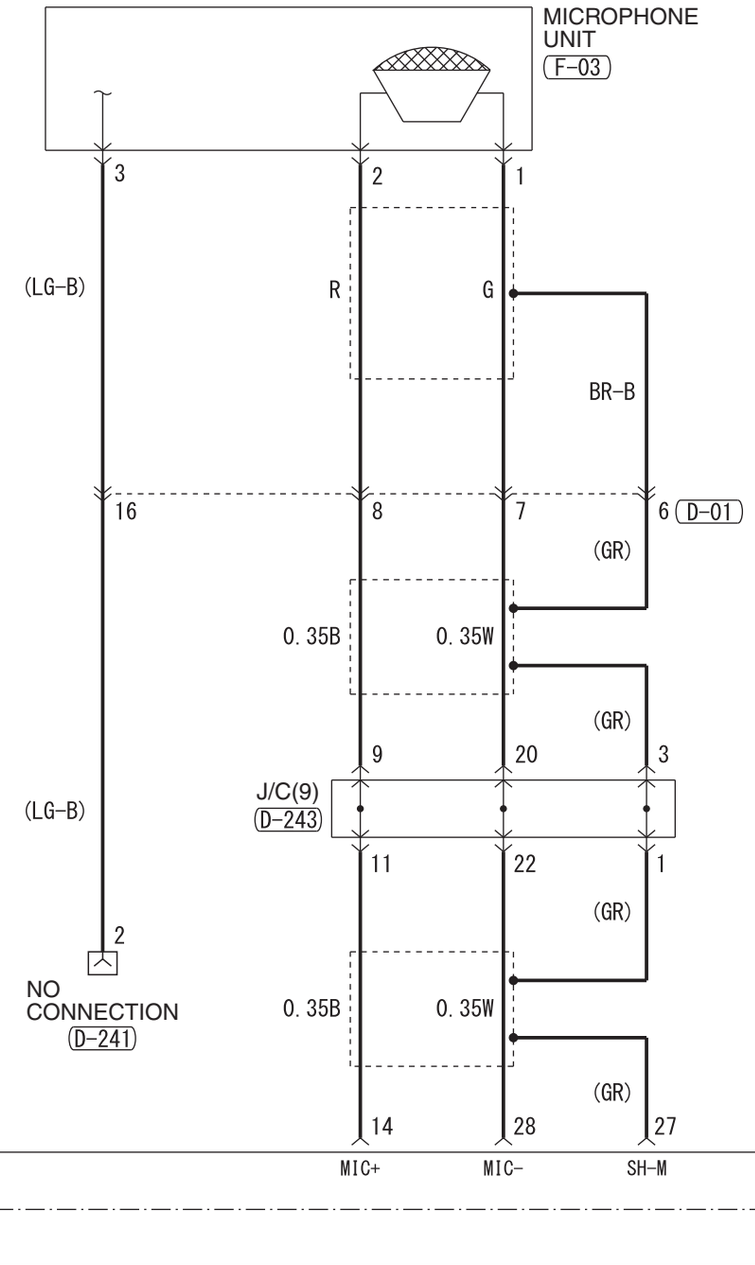
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

3

<VEHICLES WITH ERA-GLONASS SYSTEM>

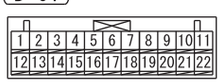


<VEHICLES WITHOUT ERA-GLONASS SYSTEM>

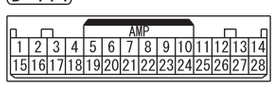


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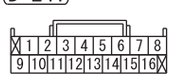
D-01



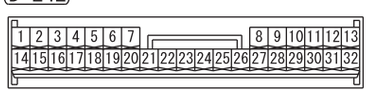
D-114



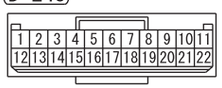
D-241



D-242



D-243



F-03

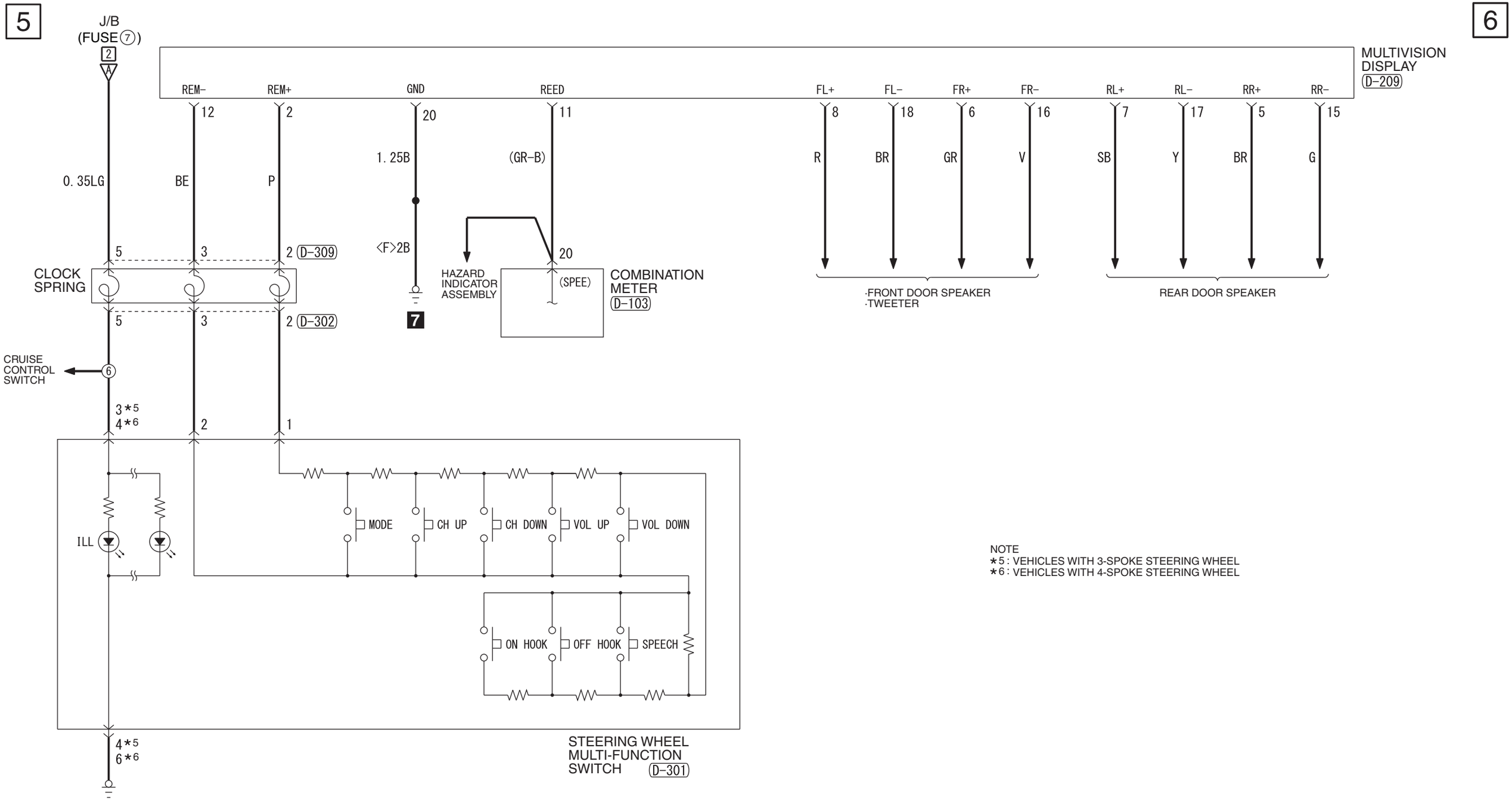


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

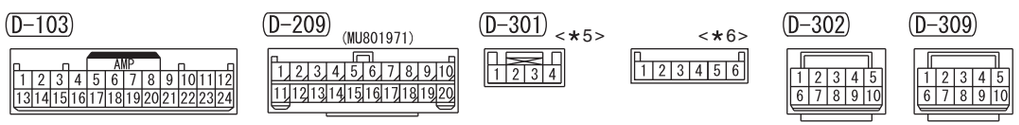
HHSQ0E07BC

5

6



NOTE
*5 : VEHICLES WITH 3-SPOKE STEERING WHEEL
*6 : VEHICLES WITH 4-SPOKE STEERING WHEEL



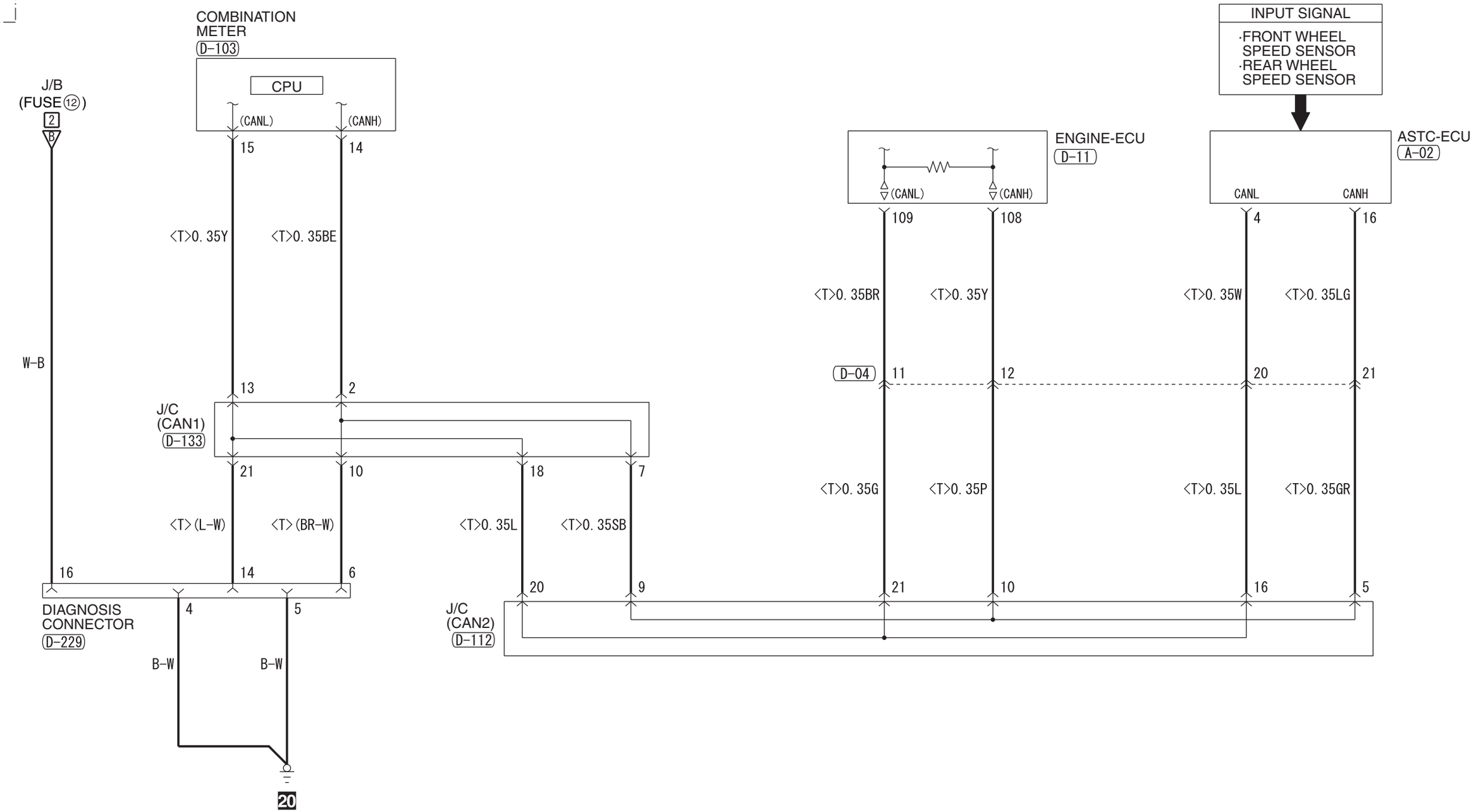
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E07CC

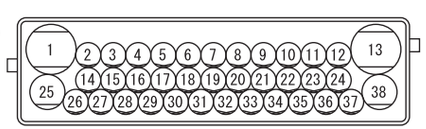
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<LHD>

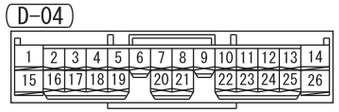
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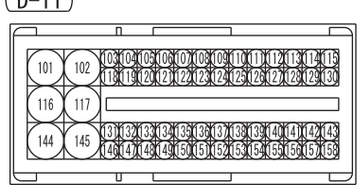
A-02



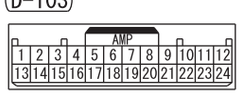
D-04



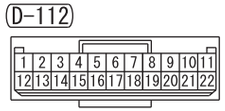
D-11



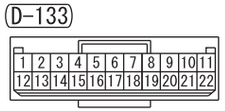
D-103



D-112

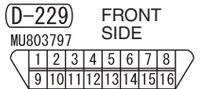


D-133



D-229

FRONT SIDE



Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E07DC

9

<RHD>

J/B
(FUSE⑫)
2
B

W-B

INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

COMBINATION METER
D-103

CPU
(CANL)
(CANH)

ASTC-ECU
A-02
CANL
CANH

15
14
4
16

<T>0. 35W
<T>0. 35LG
20
21

<T>0. 35Y
<T>0. 35BE
<T>0. 35L
<T>0. 35GR

16
5
14
3

J/C
(CAN2)
D-112

17
6
22
11

<T> (L-W)
<T> (BR-W)
<T>0. 35G
<T>0. 35P

16
14
6

D-04
11
12

DIAGNOSIS CONNECTOR
D-229

4
5

B-W
B-W

<T>0. 35BR
<T>0. 35Y

109
108

(CANL)
(CANH)

ENGINE-ECU
D-11

7

10

NOTE
*1 : LHD
*2 : RHD

MULTIVISION DISPLAY D-206

IEH
IEL
AMPO
AAL+
AAR+
AA−

29
38
28
24
23
32

0. 35BE
0. 35Y
BR-W
(GR)

DAB TUNER

1
1

J/C(7)
D-213

J/C(8)
D-214

2*1 3*2
3*1 2*2
3*1 2*2
2*1 3*2

<T>
0. 35BE
<T>
0. 35Y

DAB TUNER

0. 35W
0. 35B

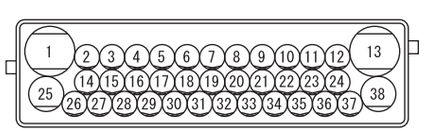
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(GR)

2
16
15
8
22
23

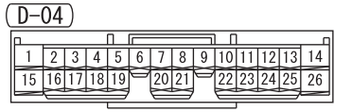
HANDS FREE-ECU
D-114

IE+
IE−
ACC
OUTL
OUTR
OUTG

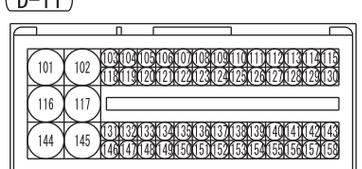
A-02



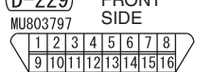
D-04



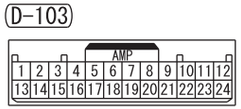
D-11



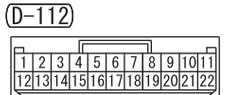
D-229
FRONT SIDE
MU803797



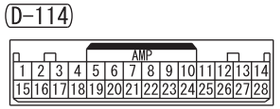
D-103



D-112



D-114



D-206
MU801589



D-213



D-214



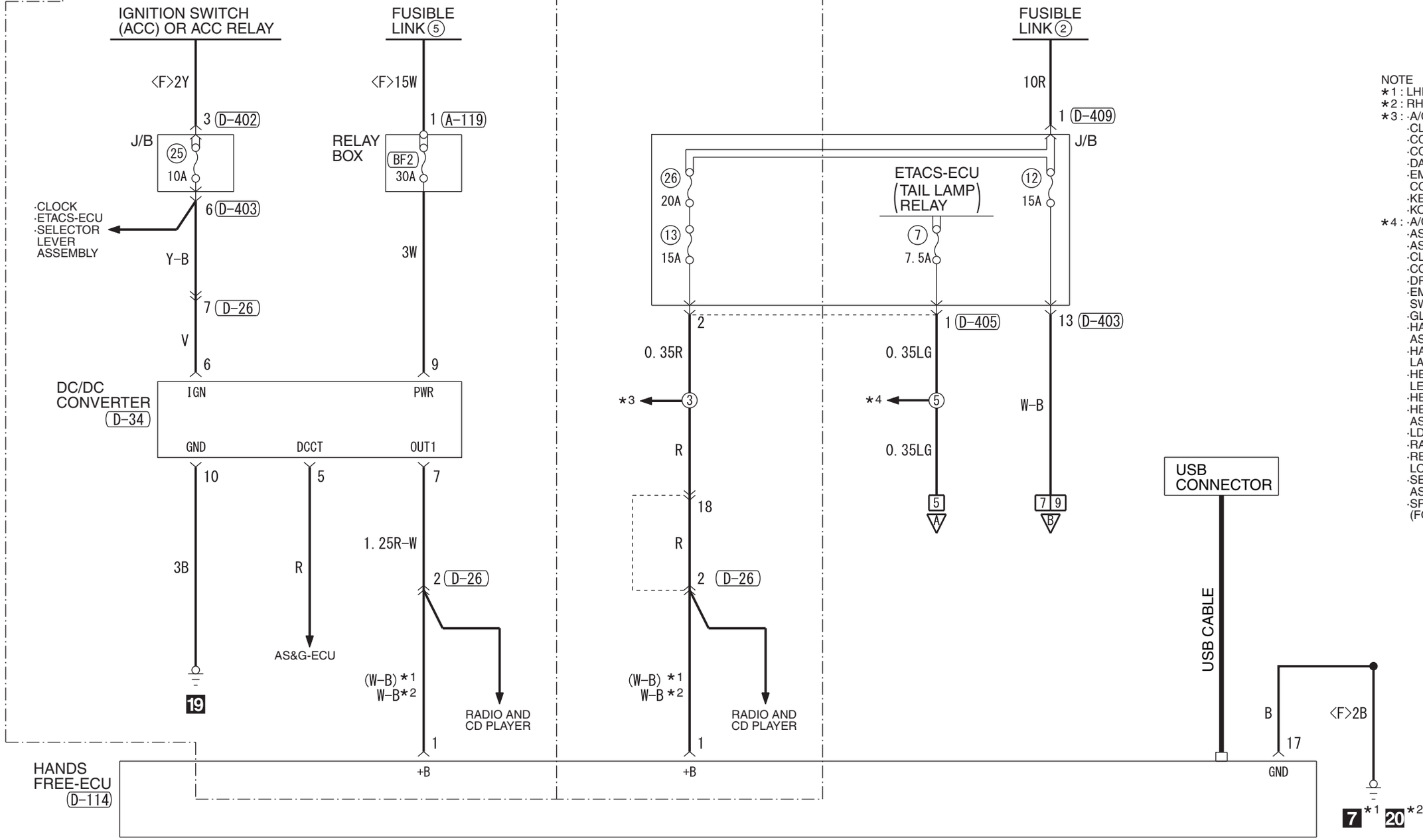
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

1

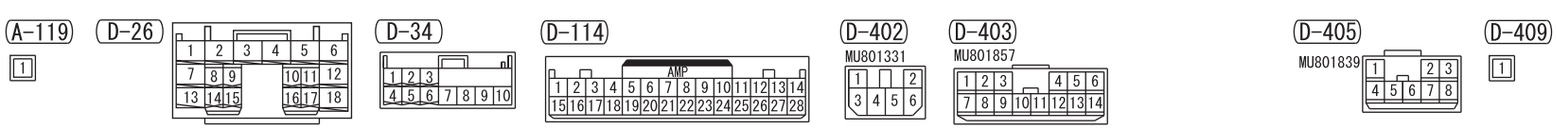
<VEHICLES WITH AS&G SYSTEM>

<VEHICLES WITHOUT AS&G SYSTEM>

2



NOTE
*1 : LHD
*2 : RHD
*3 : ·A/C-ECU
·CLOCK
·COLUMN SWITCH
·COMBINATION METER
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·KEY REMINDER SWITCH
·KOS&OSS-ECU
*4 : ·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·DRIVE MODE-SELECTOR
·EMERGENCY CALL SWITCH
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HAZARD WARNING LAMP SWITCH <RHD>
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)

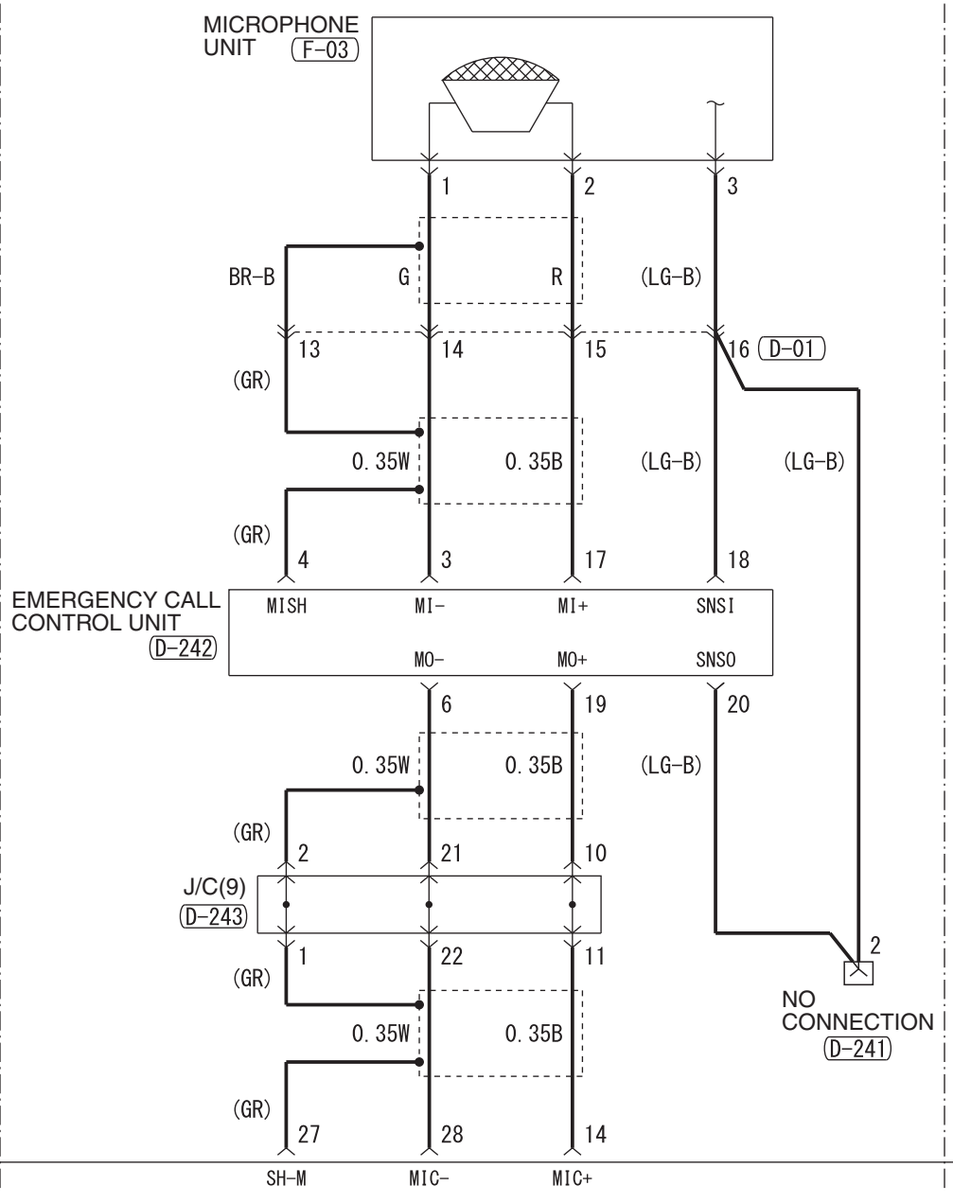


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

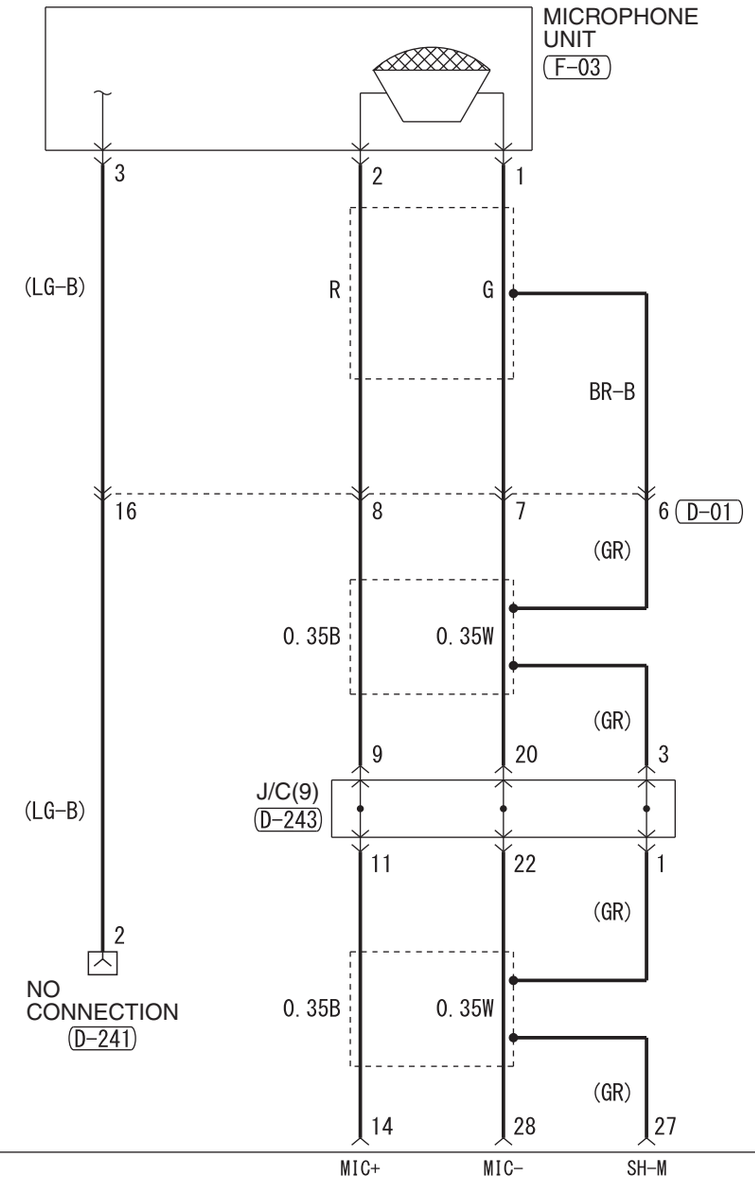
HHSQ0E06AC

3

<VEHICLES WITH ERA-GLONASS SYSTEM>

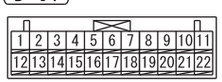


<VEHICLES WITHOUT ERA-GLONASS SYSTEM>

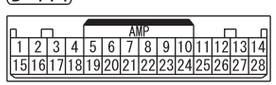


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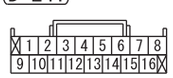
D-01



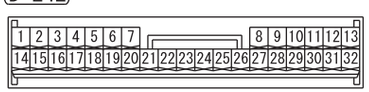
D-114



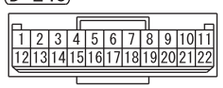
D-241



D-242



D-243



F-03

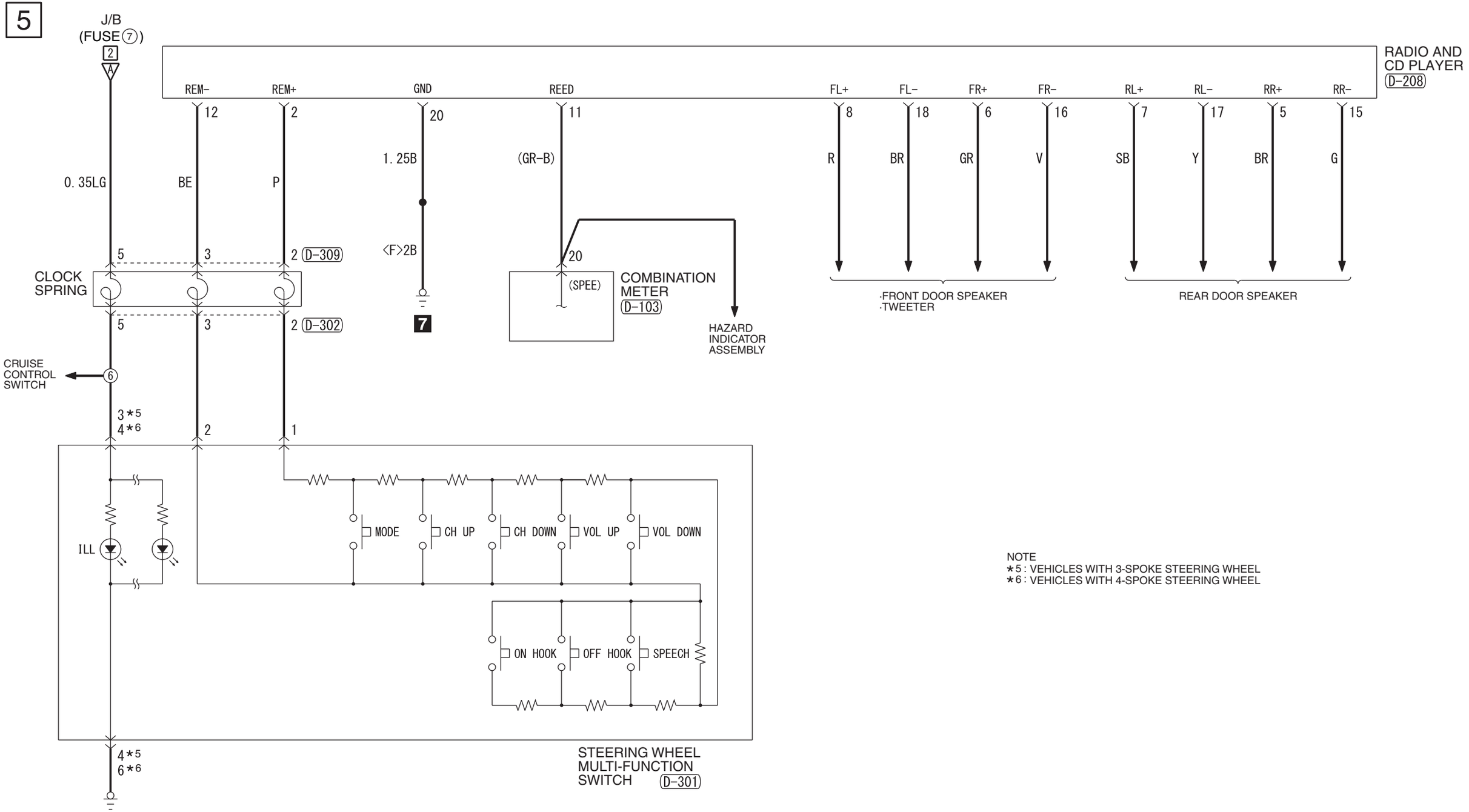


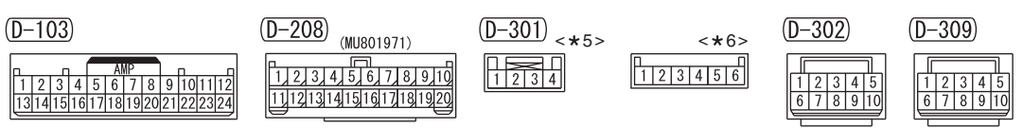
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E06BC

5

6





NOTE
*5 : VEHICLES WITH 3-SPOKE STEERING WHEEL
*6 : VEHICLES WITH 4-SPOKE STEERING WHEEL

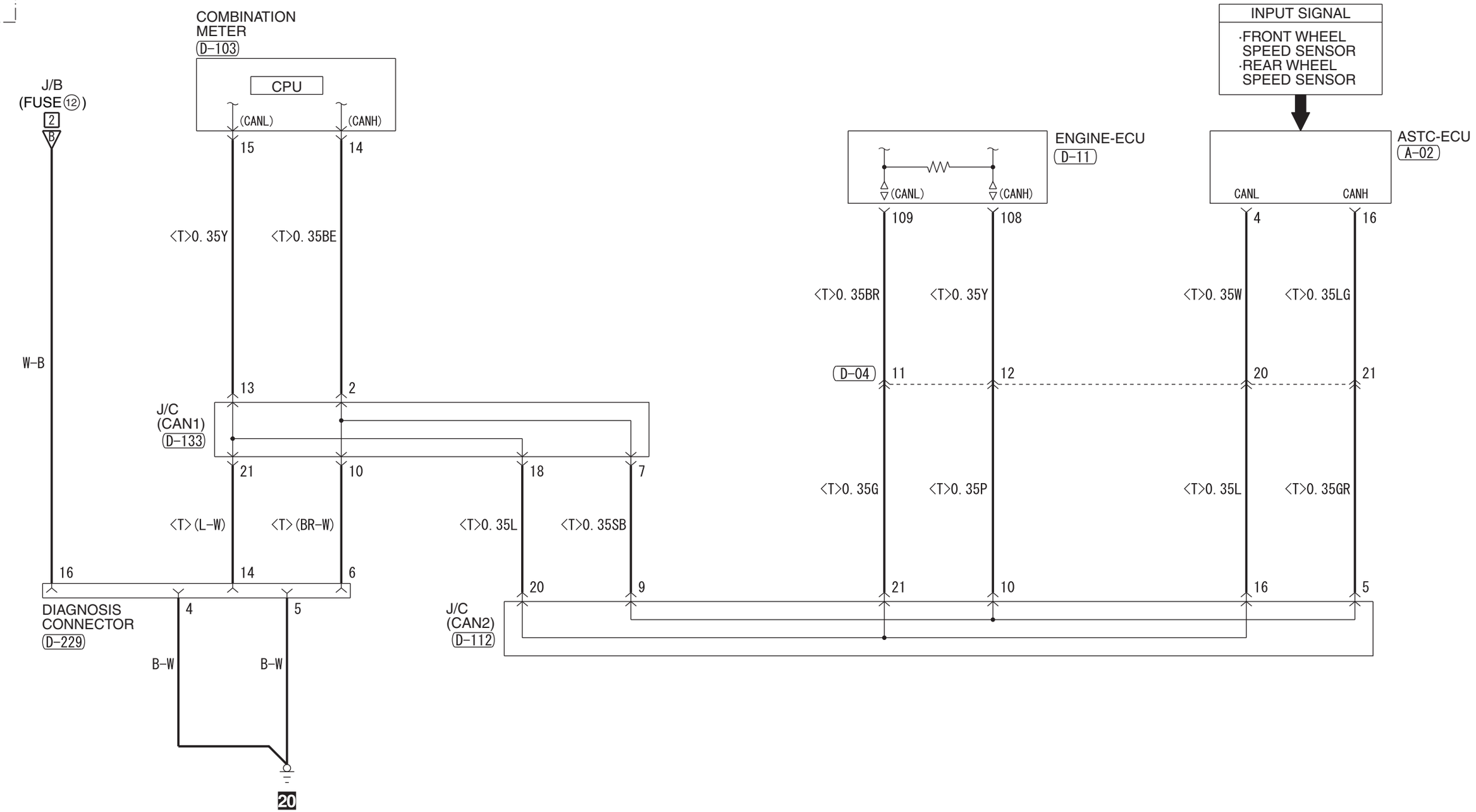
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E06CC

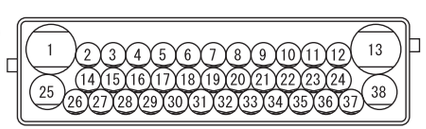
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<LHD>

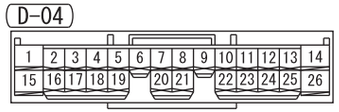
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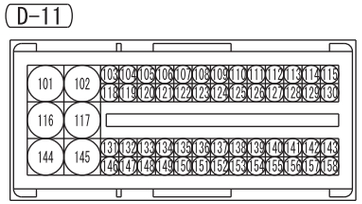
A-02



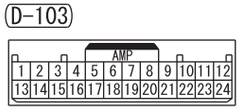
D-04



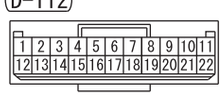
D-11



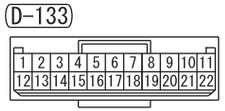
D-103



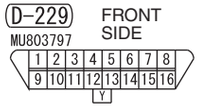
D-112



D-133



D-229



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E06DC

9

<RHD>

J/B
(FUSE⑫)
2
B

W-B

COMBINATION
METER
D-103

CPU

(CANL) (CANH)

15 14

<T>0.35Y <T>0.35BE

16 5

J/C
(CAN2)
D-112

17 6

<T>(L-W) <T>(BR-W)

16 14 6

DIAGNOSIS
CONNECTOR
D-229

B-W 4 B-W 5

7

INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU
A-02

CANL CANH

4 16

<T>0.35W <T>0.35LG

20 21

<T>0.35L <T>0.35GR

14 3

22 11

<T>0.35G <T>0.35P

D-04 11 12

<T>0.35BR <T>0.35Y

109 108

(CANL) (CANH)

ENGINE-
ECU
D-11

NOTE
*1 : LHD
*2 : RHD

RADIO AND CD PLAYER D-205

IEH IEL AMPO AAL+ AAR+ AA-

29 38 28 24 23 32

0.35BE 0.35Y BR-W (GR)

DAB
TUNER

1 1

J/C(7)
D-213

J/C(8)
D-214

2*1 3*2 3*1 2*2 3*1 2*2 2*1 3*2

<T>
0.35BE

<T>
0.35Y

DAB TUNER

0.35W 0.35B

<T>0.35Y*1
<T>0.35BE*2

<T>0.35LG*1
<T>0.35Y*2

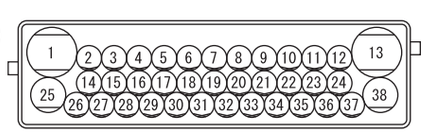
(GR)

2 16 15 8 22 23

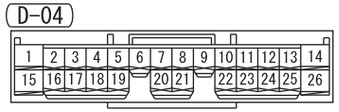
HANDS
FREE-ECU
D-114

IE+ IE- ACC OUTL OUTR OUTG

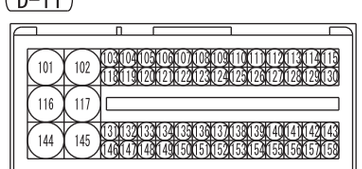
A-02



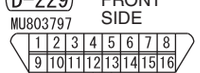
D-04



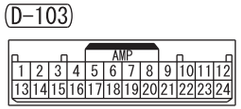
D-11



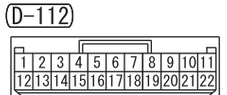
D-229
FRONT
SIDE
MU803797



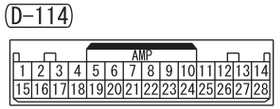
D-103



D-112



D-114



D-205
MU801589



D-213



D-214



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E06EC

10

1

2

FUSIBLE LINK (2)

IGNITION SWITCH (IG1) OR IG1 RELAY

10R

<F>2GR

1 (D-409)

4 (D-402)

J/B

(12) 15A

(26) 20A

(13) 15A

(15) 10A

ETACS-ECU (TAIL LAMP RELAY)

(7) 7.5A

13 (D-403)

2

6

1 (D-405)

W-B

0.35R

L

0.35LG

*1

*2

(L-W)

0.35LG

·A/C-ECU
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATER CONTROLLER ASSEMBLY
·STEERING WHEEL MULTI-FUNCTION SWITCH

7 A

4 B

3 C

12

J/C(3) (D-104)

16

R-W

(L-W)

0.35LG

13

11

EMERGENCY CALL CONTROL UNIT (D-242)

+B

IG

MICROPHONE UNIT (F-03)

1

2

3

G

R

(LG-B)

BR-B

13

14

15

16 (D-01)

(LG-B)

(GR)

0.35W

0.35B

(LG-B)

(GR)

4

3

17

18

MISH

MI-

MI+

SNSI

MULTIVISION DISPLAY

5 D

GPS/GLONASS ANTENNA

GPS/GLONASS ANTENNA CABLE

TEL ANTENNA

TEL ANTENNA CABLE

NOTE
*1 : ·A/C-ECU
·CLOCK
·COLUMN SWITCH
·COMBINATION METER
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)
*2 : ·A/C-ECU
·COLUMN SWITCH
·COMBINATION METER
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

(D-01)

(D-104)

(D-242)

(D-402) MU801331

(D-403) MU801857

(D-405) MU801839

(D-409)

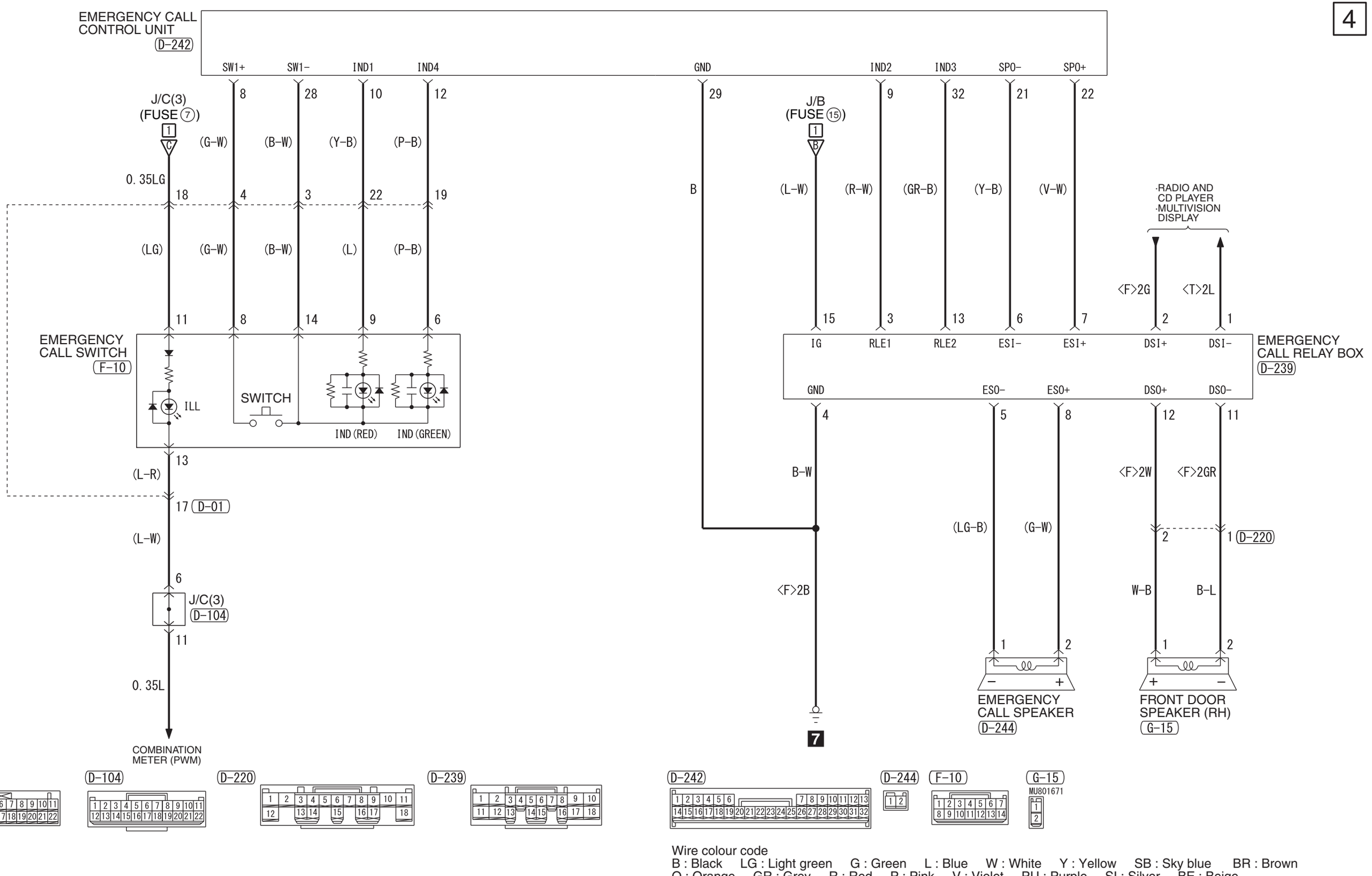
(F-03)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

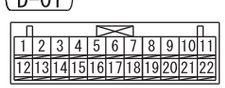
HHSR0E11AC

3

4



D-01



D-104

D-220

D-239

D-242

D-244

F-10

G-15

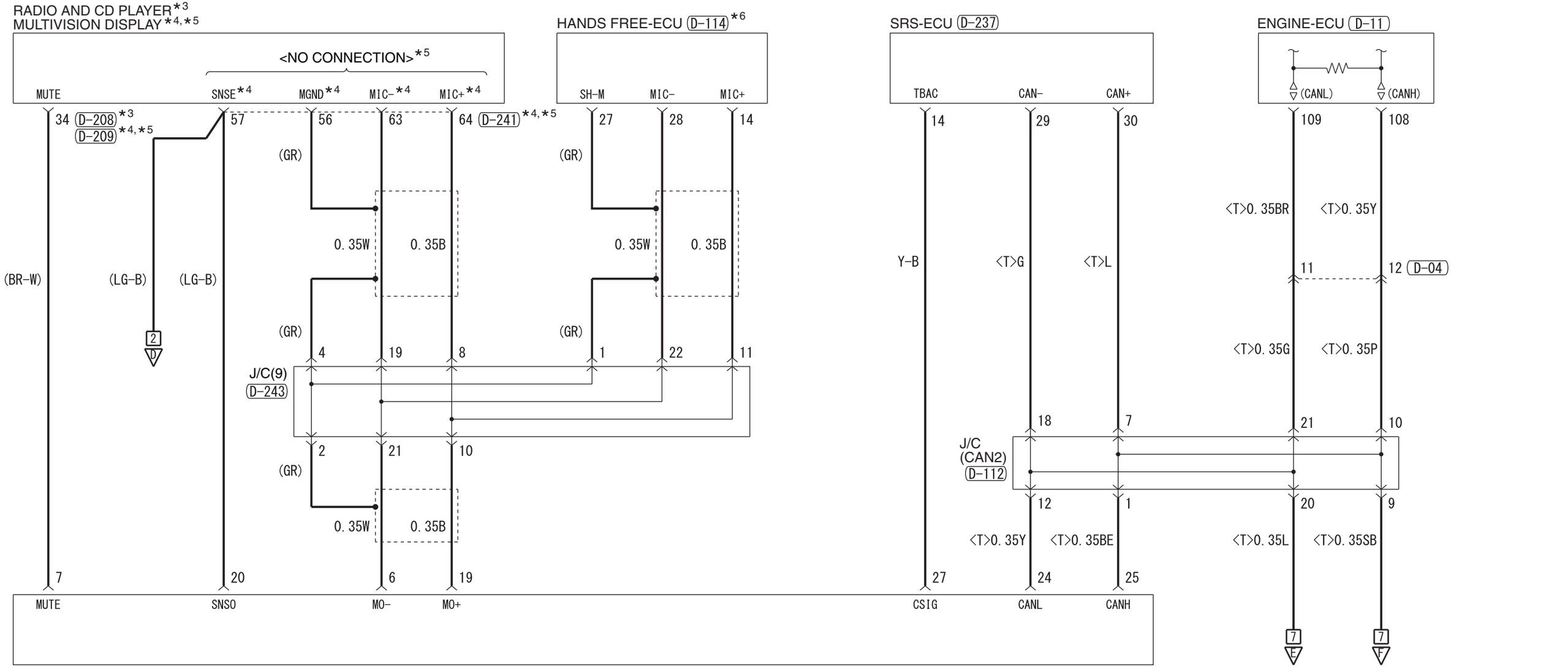
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E11BC

5

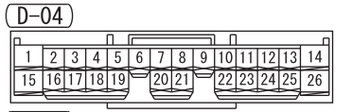
6

NOTE
*3 : VEHICLES WITH RADIO AND CD PLAYER
*4 : VEHICLES WITH SMARTPHONE LINK DISPLAY AUDIO
*5 : VEHICLES WITH MMCS
*6 : VEHICLES WITH HANDS FREE-ECU

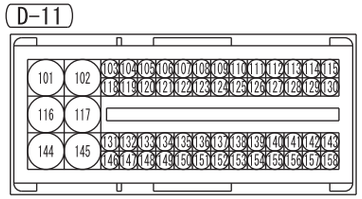


EMERGENCY CALL CONTROL UNIT D-242

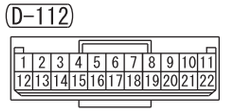
D-04



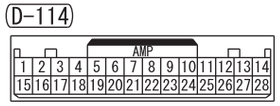
D-11



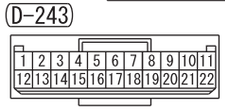
D-112



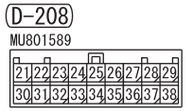
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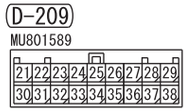
D-243



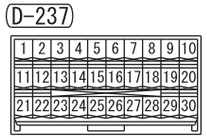
D-208



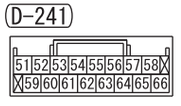
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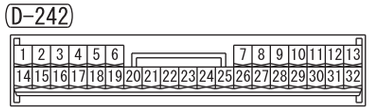
D-237



D-241



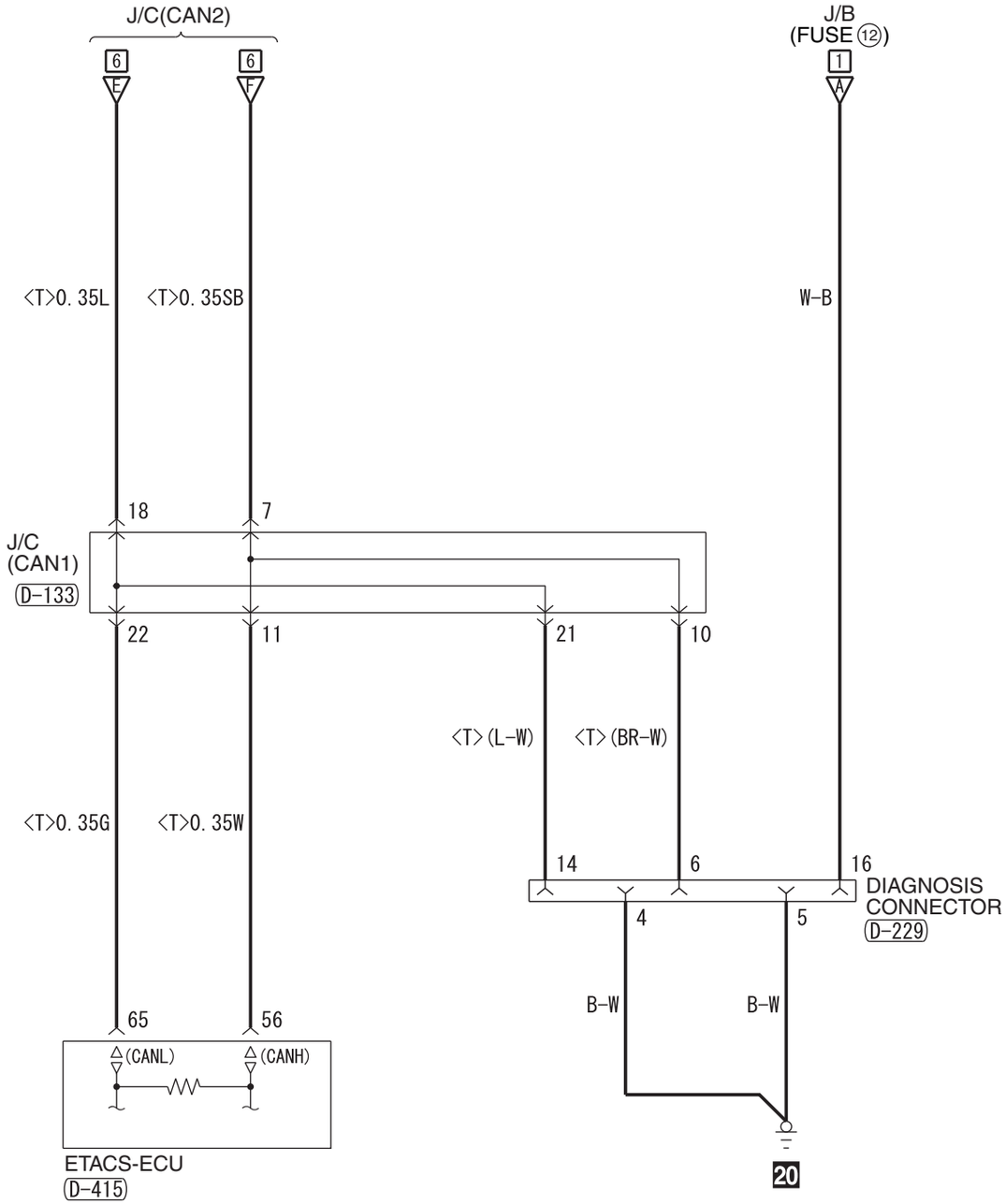
D-242

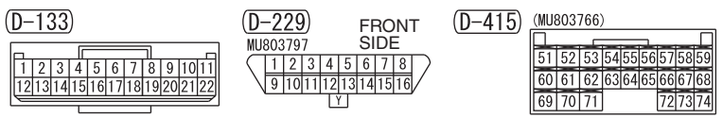


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E11CC

7



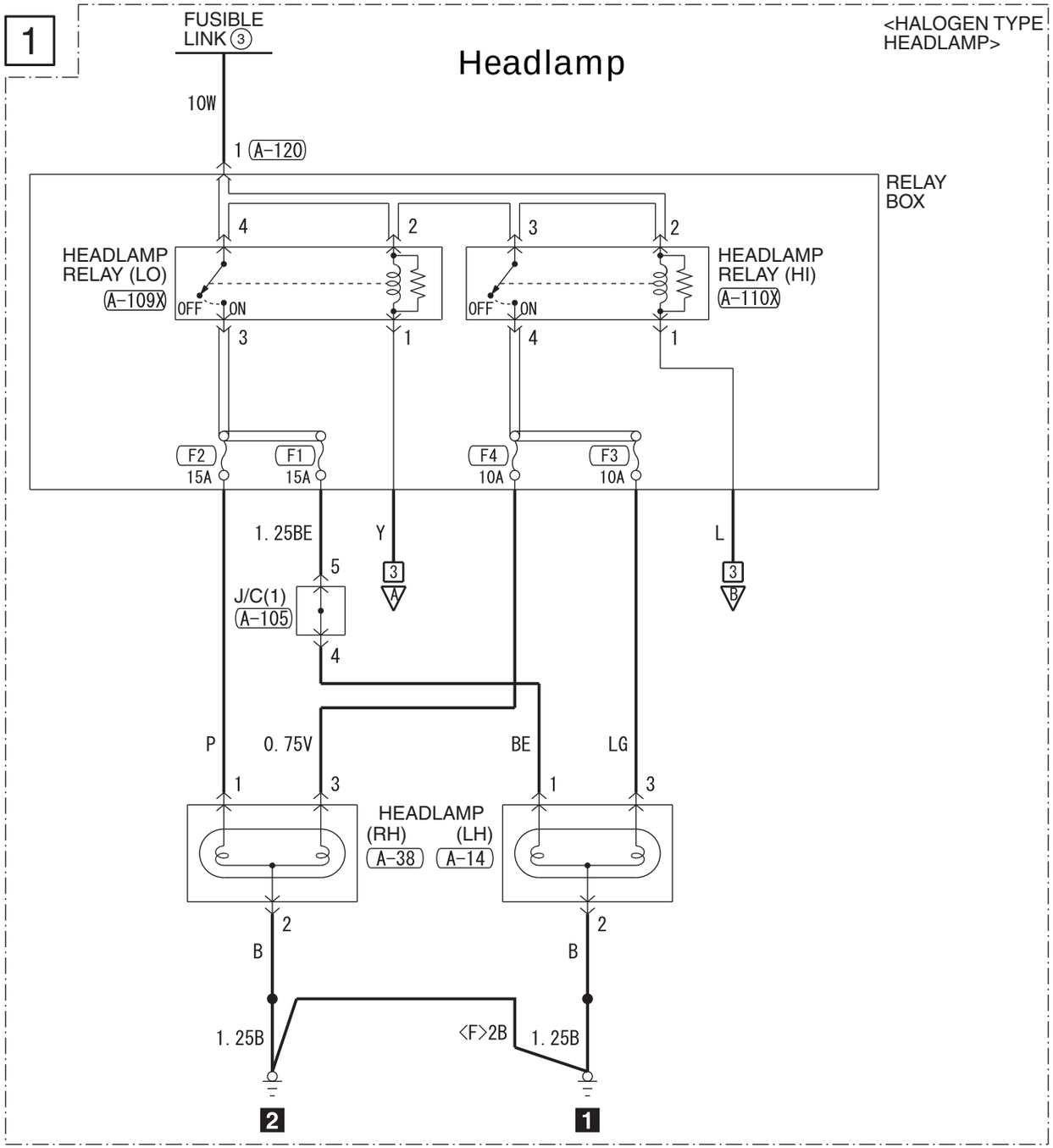


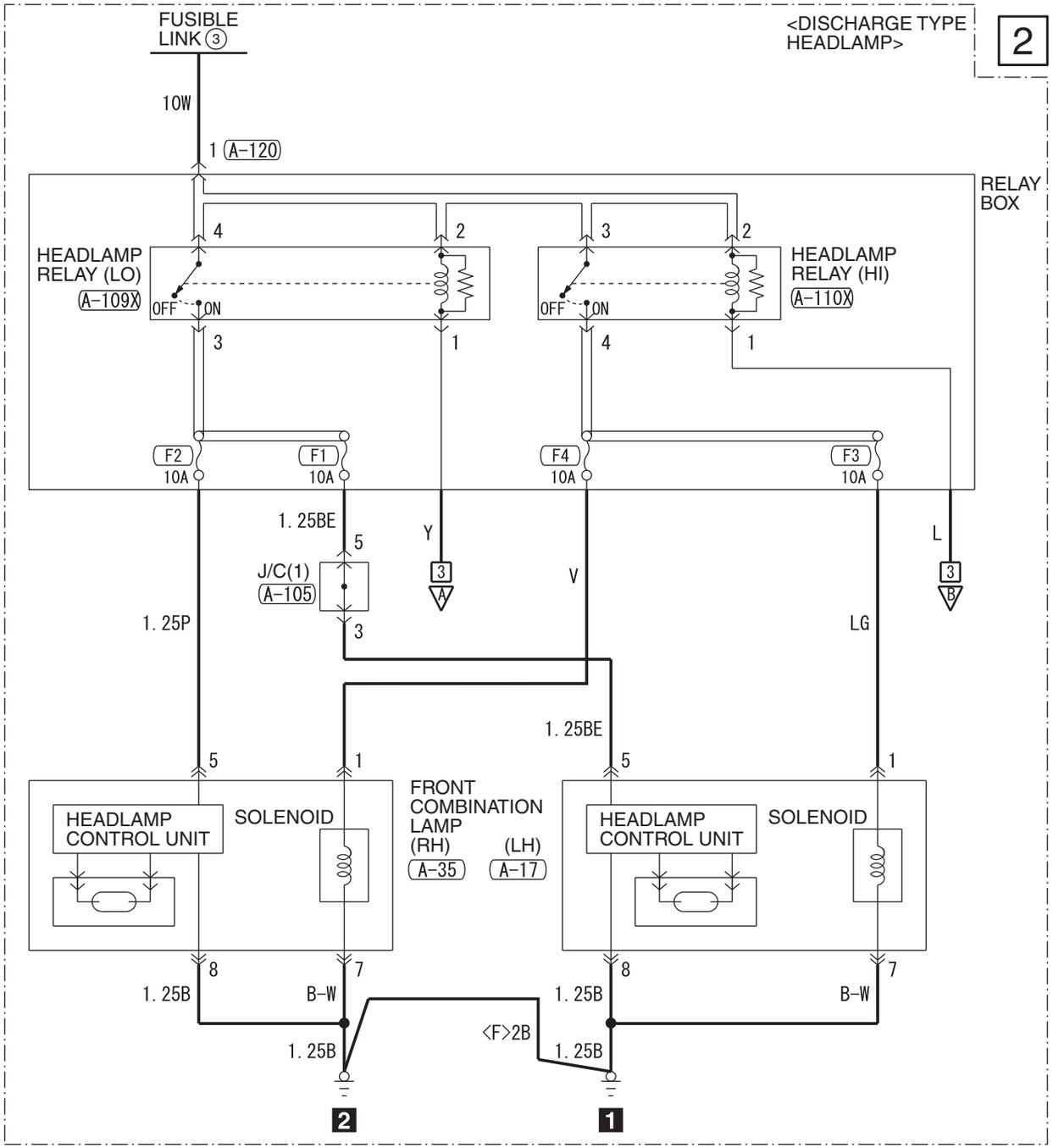
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

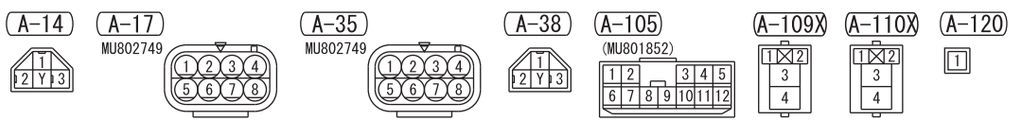
HHSR0E11DC

Headlamp

1







Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

3

4

IGNITION SWITCH (IG2) OR IG2 RELAY

IGNITION SWITCH (ACC) OR ACC RELAY

HEADLAMP RELAY (LO)

HEADLAMP RELAY (HI)

J/B (FUSE 15)

IGNITION SWITCH (IG1) OR IG1 RELAY

FUSIBLE LINK 2

<F>2R

<F>2Y

Y

L

0.35L

<F>2GR

10R

6

3 D-402

6

1 D-407

4 D-402

1 D-409

J/B

10 7.5A

25 10A

ETACS-ECU

17

19 D-404

68 D-415

20 D-404

15 10A

26 20A

13 15A

(H/LP LO)

(H/LP HI)

(IG1)

(ETACS +B)

POWER SOURCE

LIN INTERFACE

(ACCI)

(IG2)

GND (EARTH)

GND (SGND)

(DDSW)

(LIN)

74 D-415

44 D-416

2 D-404

70

51

54 D-415

7 D-405

6 D-403

12 D-403

6

2 D-405

3 D-401

*4

(W-B)

(Y-B)

·CLOCK
·DC/DC CONVERTER
·SELECTOR LEVER ASSEMBLY

1.25B

0.35LG

11 D-14

(V-W)

(V-W)

0.35L

0.35R

*2

SINGLE CAB OR DOUBLE CAB

CLUB CAB

0.35B

<F>2B

20 <LHD>

7 <RHD>

0.35L

0.35L

0.35R

0.35R

*3

G-107 <LHD>

5 G-110 <RHD>

(B-R)

(B-R)

(B-R)

0.35B

<F>2B

3

FRONT DOOR SWITCH (DRIVER'S SIDE)

E-16 *5

G-112 *6

4

3

9

1

(GND)

(DATA)

(IG1)

(+B)

COLUMN-ECU

LIGHTING SWITCH D-312-1

5 2 1 7 8 9 10

OFF ON OFF ON OFF ON OFF ON OFF ON OFF ON

(DIMMER) (PASSING)

(HEAD) (TAIL) (AUTO)*1 (OFF)

DIMMER/PASSING SWITCH

LIGHTING SWITCH

COLUMN SWITCH D-312

<VEHICLES WITH AUTO LAMP WITHOUT LANE DEPARTURE WARNING>

ETACS-ECU

4 C

(R-B)

(V-W)

D-01

5

12

(G-B)

1

3

LIGHTING CONTROL SENSOR F-07

2

(B)

1.25B

<F>2B

8

20

NOTE
*1 : VEHICLES WITH AUTO LAMP
*2 : ·A/C-ECU
·AS&G OFF SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·HAZARD INDICATOR ASSEMBLY
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU
*3 : ·A/C-ECU
·CLOCK
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)
*4 : ·FRONT ROOM LAMP
·REAR ROOM LAMP
*5 : SINGLE CAB OR DOUBLE CAB
*6 : CLUB CAB

D-01 D-14 D-312 (MU801514) D-312-1 D-401 MU801691 D-402 MU801331 D-403 MU801857

D-404 J/B SIDE D-405 MU801839 D-407 MU801867 D-409 D-415 (MU803766)

D-416 (MU803765) E-16 (MU801536) F-07 G-107 G-110 G-112 (MU801536)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E00BC

5

<LHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12) 15A

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

13 (D-403)

<T>0.35G <T>0.35W

W-B

22 11

J/C (CAN1) (D-133)

21 10

<T>(L-W) <T>(BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

20

J/B (FUSE (15))

4 F

0.35L

11 (D-01)

L-W

4

LDW-ECU (INCORPORATING LIGHTING CONTROL SENSOR) (F-08)

IG

CANL CANH GND

3 2 1

<T>(B-W) <T>(R-W) B

10 9

<T>0.35SB <T>0.35G

8

<VEHICLES WITH AUTO LAMP WITH LANE DEPARTURE WARNING>

14 3

13 2

J/B (FUSE (13))

4 F

0.35R

15 14 1

COMBINATION METER (D-103)

(CANL) (CANH) (B+B)

BEAM

CPU

<T>0.35Y <T>0.35BE

<RHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12) 15A

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

13 (D-403)

<T>0.35G <T>0.35W

W-B

22 11

J/C (CAN1) (D-133)

18 7

<T>0.35L <T>0.35SB

21 10

J/C (CAN2) (D-112)

17 6

<T>(L-W) <T>(BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

7

J/B (FUSE (15))

4 F

0.35L

11 (D-01)

L-W

4

LDW-ECU (INCORPORATING LIGHTING CONTROL SENSOR) (F-08)

IG

CANL CANH GND

3 2 1

<T>(B-W) <T>(R-W) B

10 9

<T>0.35SB <T>0.35G

8

<VEHICLES WITH AUTO LAMP WITH LANE DEPARTURE WARNING>

21 10

J/B (FUSE (13))

4 F

0.35R

16 5

15 14 1

COMBINATION METER (D-103)

(CANL) (CANH) (B+B)

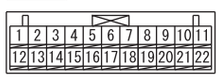
BEAM

CPU

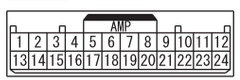
<T>0.35Y <T>0.35BE

6

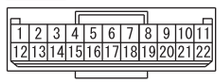
D-01



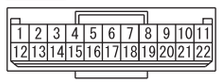
D-103



D-112



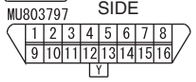
D-133



D-229

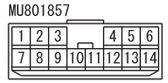
MU803797

FRONT SIDE



D-403

MU801857

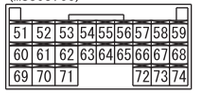


D-409

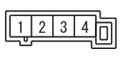


D-415

(MU803766)



F-08



Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E00CC

1

2

FUSIBLE LINK (SBF1)

IGNITION SWITCH (IG2) OR IG2 RELAY

IGNITION SWITCH (ACC) OR ACC RELAY

J/B (FUSE (15))

FUSIBLE LINK (2)

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2BR <LHD>
<F>2R <RHD>

(W-B)

<F>2R

(Y-B)

<F>2Y

0.35L

10R

<F>2GR

RELAY BOX

F11
20A

1.25Y-B

1.25Y-B

4

1

HEADLAMP WASHER RELAY
A-108X

OFF

ON

3

2

7 D-405

6 D-402

*1

6 D-403

3 D-402

1 D-409

4 D-402

J/B

10
7.5A

25
10A

26
20A

15
10A

44 D-416

74

68 D-415

20 D-404

(IG2)

(ACCI)

(IG1)

(ETACS +B)

13
15A

LIN INTERFACE

POWER SOURCE

(HWA)

GND
(EARTH)

GND
(SGND)

(LIN)

ETACS-ECU

43

2 D-404

12 D-403

70

54 D-415

2

6 D-405

1.25G-W

GR

0.35L

1.25B

0.35B

LIGHTING CONTROL SENSOR

(V-W)

·A/C-ECU
·CLOCK
·COMBINATION METER
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

0.35R

L

3 D-25

3

1

*2

2

0.35L

2

HEADLAMP WASHER MOTOR
A-21

M

2

1

<F>2B

NOTE
*1 : ·CLOCK
·DC/DC CONVERTER
·SELECTOR LEVER ASSEMBLY
*2 : ·A/C-ECU
·AS&G OFF SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

<F>2B

3

1

9

COLUMN SWITCH
D-312

(DATA)

(+B)

(IG1)

COLUMN-ECU

4

(GND)

7

5

0.35B

<F>2B

WIPER/ WASHER SWITCH
D-312-2

OFF

ON

HEADLAMP WASHER SWITCH

16

20

20 7
<LHD><RHD>

A-21
(MU802210)

A-108X

D-25

D-312
(MU801514)

D-312-2

D-402
MU801331

D-403
MU801857

D-404
J/B SIDE

D-405
MU801839

D-409

D-415
(MU803766)

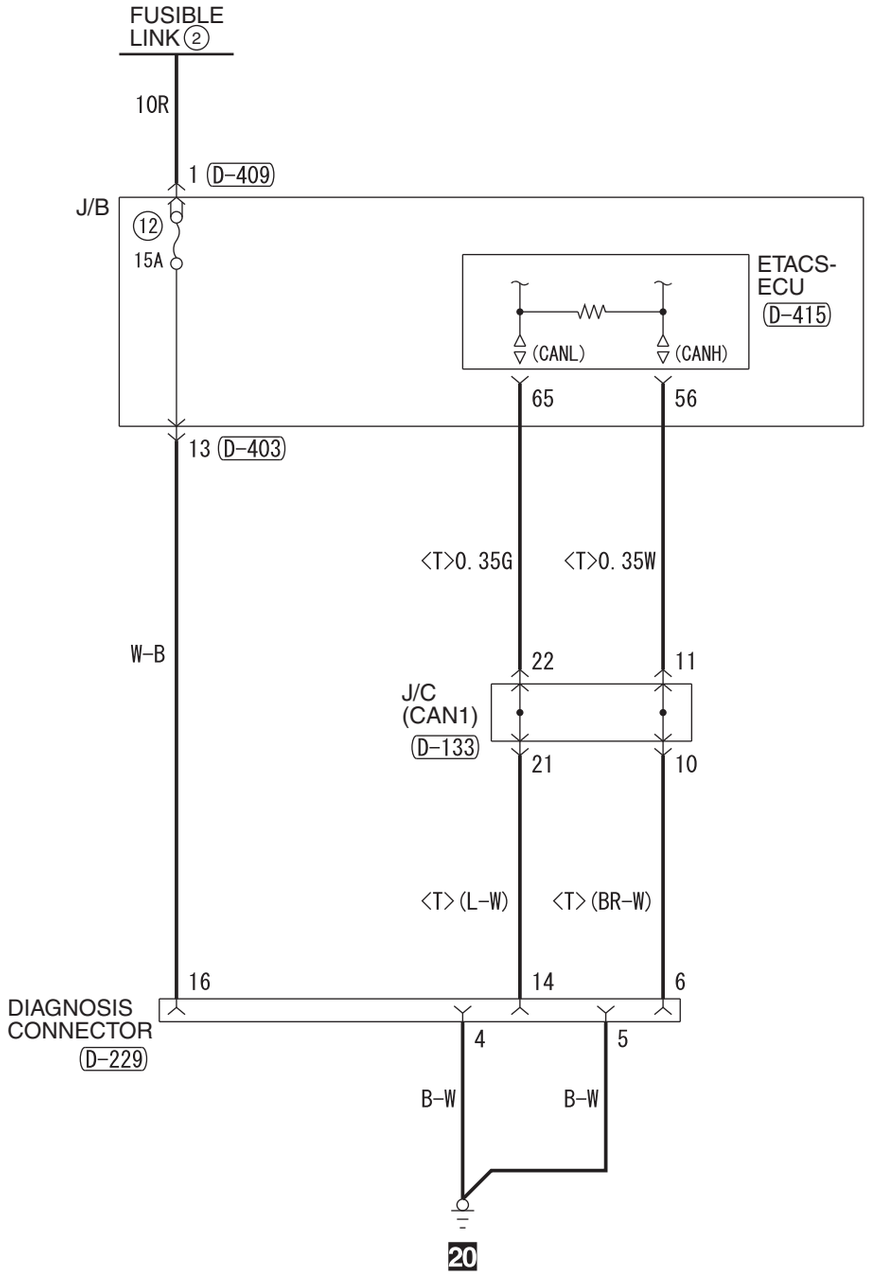
D-416
(MU803765)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSP0E01AC

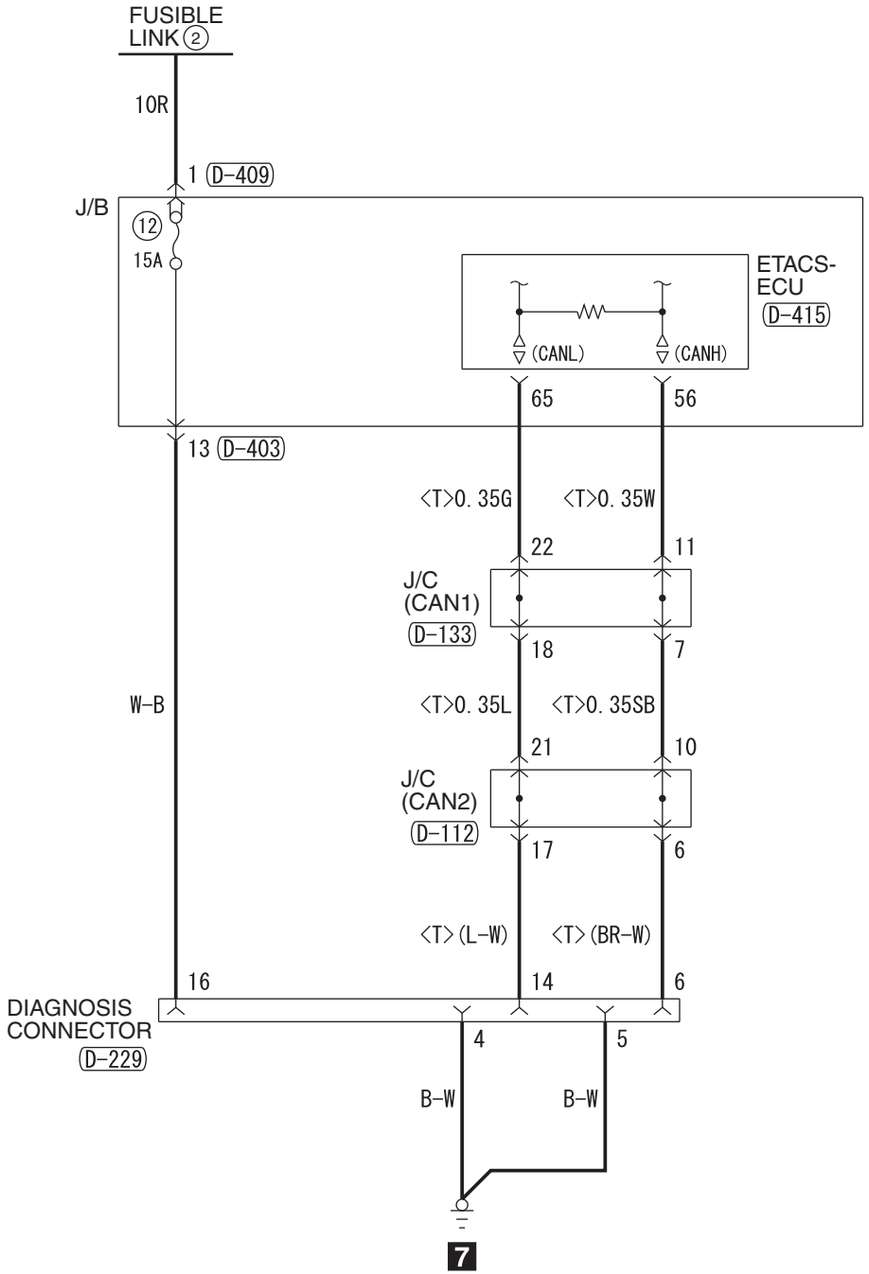
3

<LHD>



<RHD>

4



D-112



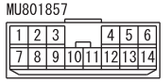
D-133



D-229 FRONT SIDE



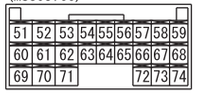
D-403



D-409



D-415



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

1

2

FUSIBLE LINK ③

10W

1 A-120

RELAY BOX

HEADLAMP RELAY (LO) A-109X

4 2 OFF ON 3 1

F1

15A

1.25BE

5 12

J/C(1) A-105

10 11

BE BE

1 1

HEADLAMP LEVELLING UNIT (LH) A-16

HEADLAMP LEVELLING UNIT (RH) A-37

3 2 3 2

B-W G-W B-W G-W

7 D-25

19 19

Y

6 D-407

17

J/B

INPUT SIGNAL

COLUMN SWITCH (LIGHTING SWITCH)

(H/LP LO)

TAIL LAMP RELAY

(TAIL LP)

ETACS-ECU D-404

7 15

7.5A

1 D-405

·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·EMERGENCY CALL SWITCH
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HAZARD WARNING LAMP SWITCH <RHD>
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL MULTI-FUNCTION SWITCH

0.35LG

5

0.35LG

BE 6 D-25

SB

8 7

HEADLAMP MANUAL LEVELLING SWITCH D-233

1 2 3 0 4

ILL

9 10 6

W B 0.35L

3

J/C(3) D-104

11

0.35L

COMBINATION METER (PWM)

7

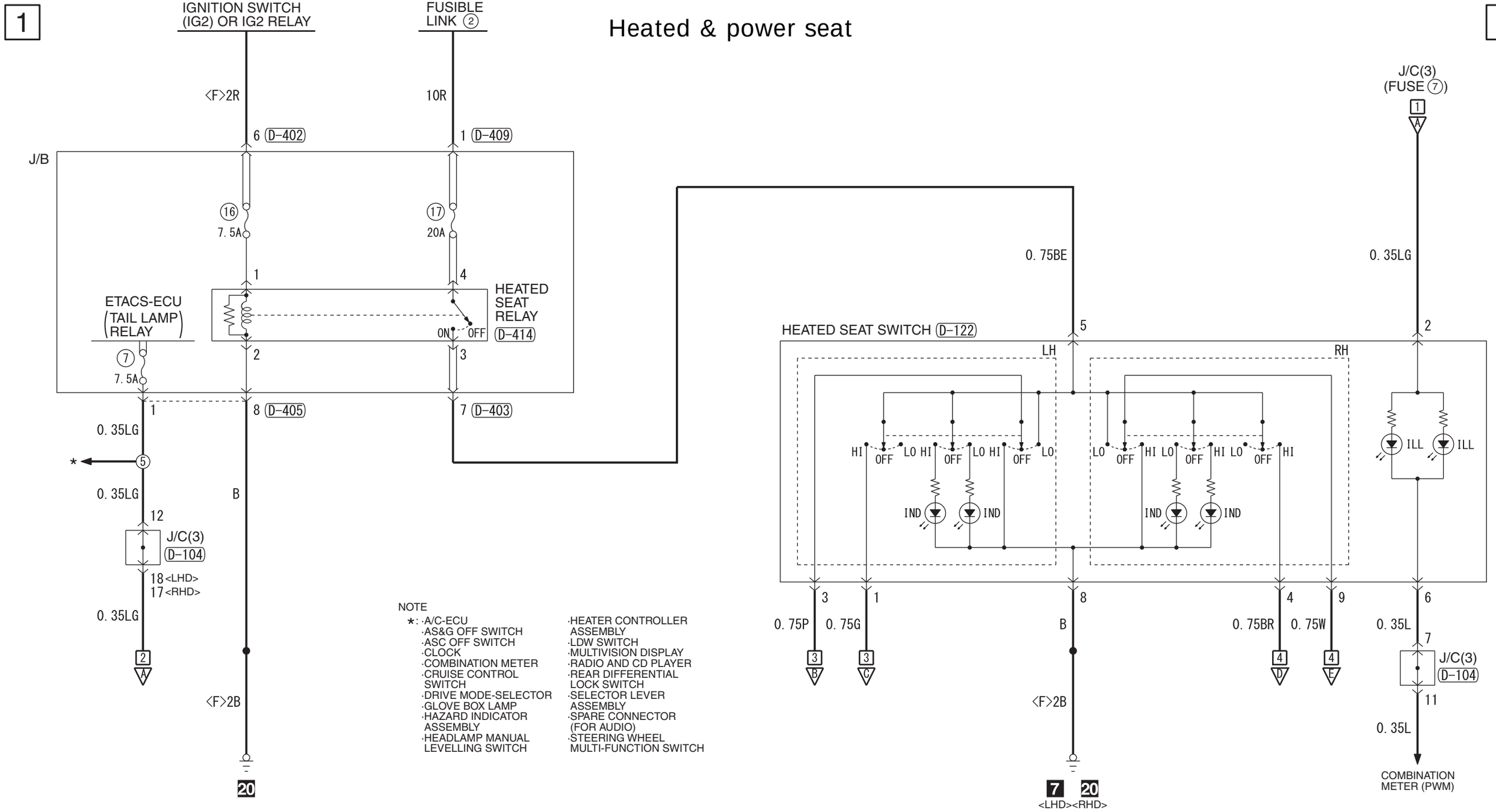
A-16 A-37 A-105 (MU801852) A-109X A-120 D-25 D-104 D-233

D-404 J/B SIDE D-405 MU801839 D-407 MU801867

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

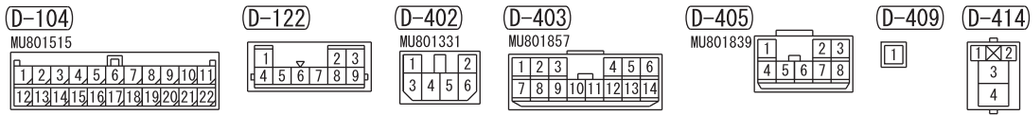
HHSJ0E01AC

Heated & power seat



NOTE

★: ·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL MULTI-FUNCTION SWITCH



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E28AC

3

HEATED SEAT SWITCH

2 C

2 B

0.75G

0.75P

8

9

0.85LG-R

0.85LG-B

1

3

HEATED SEAT (LH) E-22

THERMOSTAT

OFF

ON

THERMOSTAT

OFF

ON

SEAT CUSHION HEATER

2

SEAT BACK HEATER E-22-1

1

2

0.85B

10

4

HEATED SEAT SWITCH

2 D

2 E

0.75BR

0.75W

6

7 D-13

0.85Y-R

0.85Y-B

1

3

HEATED SEAT (RH) E-27

THERMOSTAT

OFF

ON

THERMOSTAT

OFF

ON

SEAT CUSHION HEATER

2

SEAT BACK HEATER E-27-1

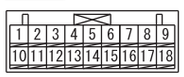
1

2

0.85B

9

D-13



E-22

MU801685



E-22-1



E-27

MU801685



E-27-1

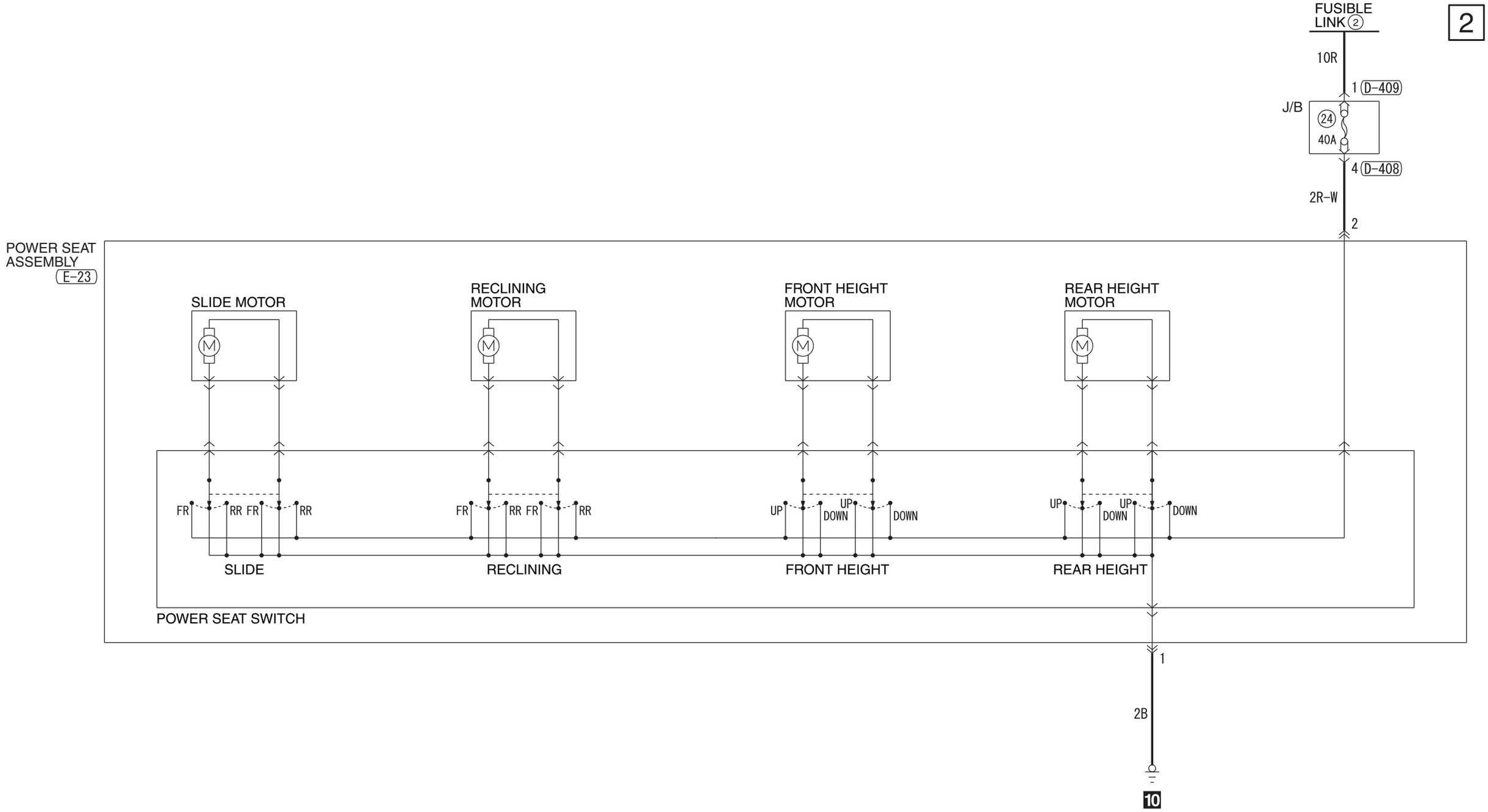


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E28BC

1

2



(D-408) (D-409) (E-23)



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E27AC

Heater

1

IGNITION SWITCH (IG2) OR IG2 RELAY

FUSIBLE LINK ②

<F>2R

10R

6 D-402

1 D-409

J/B

⑯ 7.5A

㉓ 30A

ETACS-ECU (TAIL LAMP RELAY)

⑦ 7.5A

BLOWER RELAY D-413

ON OFF

1 5 D-405 1 D-403 5 D-402

0.35LG (BR-W) (BR-W) B <F>2L

<LHD>

⑤ 0.35LG

2 NO CONNECTION D-05

BLOWER MOTOR D-113

21 J/C(4) D-108 22

B-W

18

·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·EMERGENCY CALL SWITCH
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HAZARD WARNING LAMP SWITCH <RHD>
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL MULTI-FUNCTION SWITCH

2

ENGINE-ECU

BFAN PTCS FDFO

9 D-09 125 127 D-11

J/B (FUSE ⑦) (FUSE ⑯)

A/C TEMPERATURE CONTROL RESISTOR D-115

4 2 3 1

0.85SB BR-W

17 19 D-04

SB R

0.35LG (BR-W)

4 3 1 8

L

MAX HOT SWITCH*1 DEMISTER SWITCH*2 <NO CONNECTION>

ON OFF ON OFF ILL

10 2

13 D-05 HEATER CONTROLLER ASSEMBLY D-107

3R 3R <F>2Y <F>2L <F>2G Y-B P (L-W)

5 4 1 2 6

BLOWER SWITCH D-119

3 2 1 4 OFF 3 2 1 4 OFF

3

<F>2B

<F>2B

20

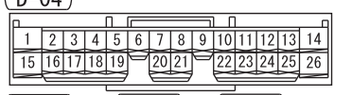
5 J/C(3) D-104 11

0.35L

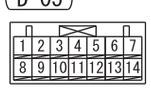
COMBINATION METER (PWM)

NOTE
*1 : VEHICLES WITH PTC HEATER
*2 : VEHICLES WITH AS&G SYSTEM

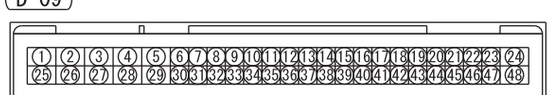
D-04



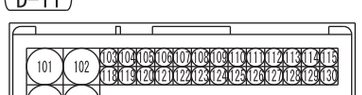
D-05



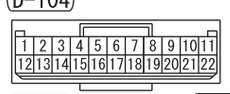
D-09



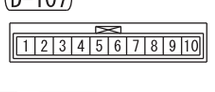
D-11



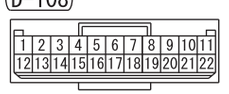
D-104



D-107



D-108



D-113

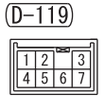
MU801325



D-115

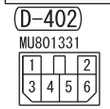


D-119



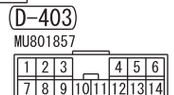
D-402

MU801331



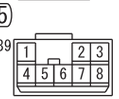
D-403

MU801857



D-405

MU801839



D-409



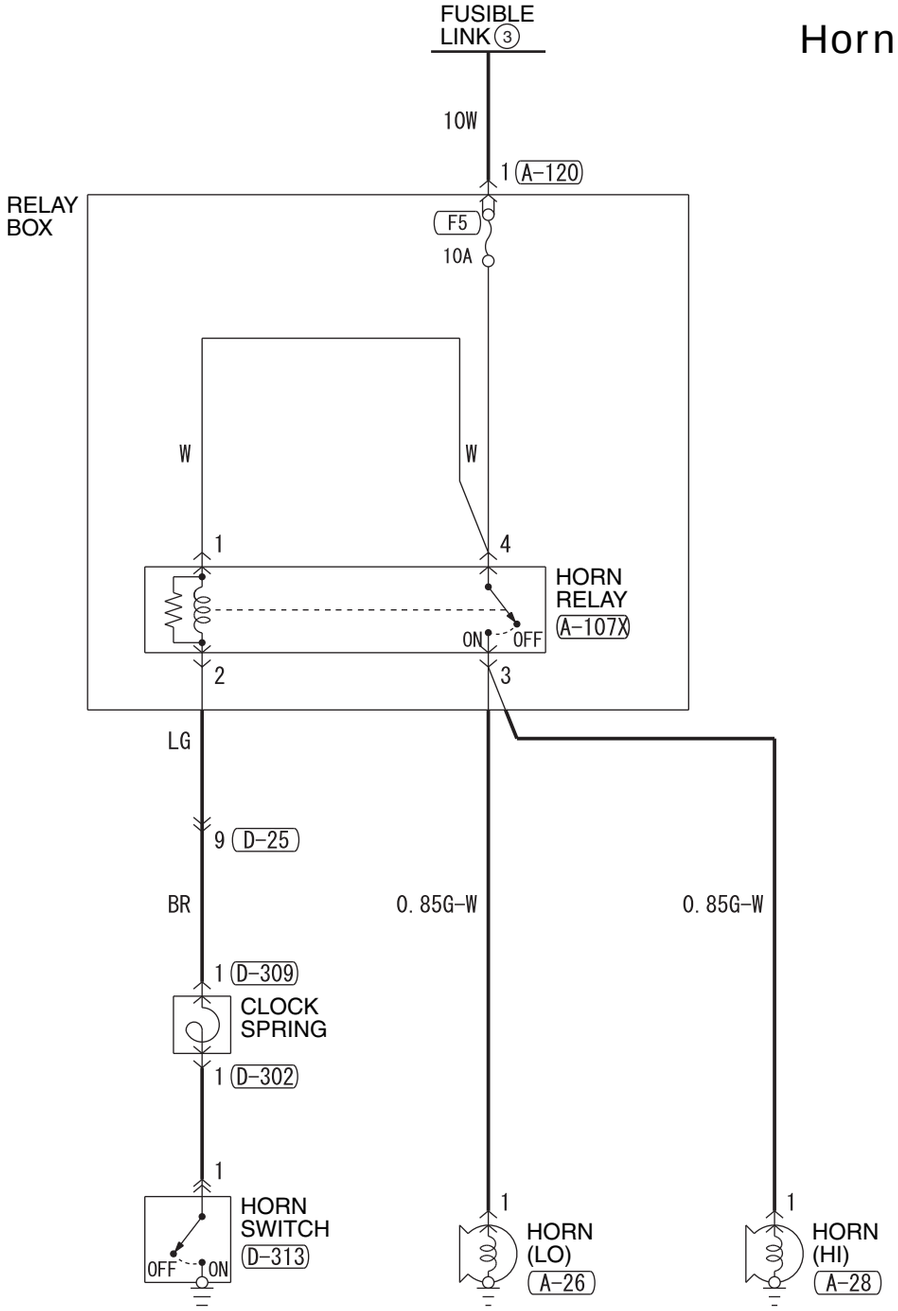
D-413

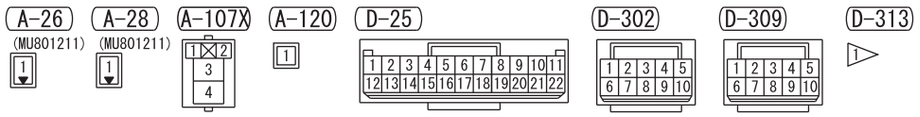


HHSN0E00AC

1

Horn





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC09E08AC

Immobilizer system

1

2

IGNITION SWITCH (IG1)

<F>2GR

4 D-402

J/B

15

10A

FUSIBLE LINK 2

10R

1 D-409

26

20A

20 D-404

68 D-415

ETACS-ECU

(IG1)

(ETACS +B)

POWER SOURCE

GND (SGND)

GND (EARTH)

(ANT+)

(ANT-)

(CANL)

(CANH)

70

2 D-404

58

57

65

56 D-415

12

15A

13 D-403

6 D-405

12 D-403

1.25B

<T>(L-W)

<T>(BR-W)

<T> 0.35G

<T> 0.35W

J/C(CAN1) D-133

22

11

7

3

TRANSPONDER

IGNITION KEY

KEY REMINDER SWITCH (IGNITION KEY RING ANTENNA) D-306

L

0.35L

0.35B

<F>2B

W-B

<T> 0.35L

<T> 0.35SB

18

7

21

10

20

9

<T> (L-W)

<T> (BR-W)

J/C (CAN2) D-112

21

10

14

6

16

<T> 0.35G

<T> 0.35P

DIAGNOSIS CONNECTOR D-229

4

5

B-W

B-W

P-B

1.25P-B

1.25P-B

11

12 D-04

<T> 0.35BR

<T> 0.35Y

109

108

20

ENGINE-ECU D-11

118

101

102

(CANL)

(CANH)

C/R

BAT1

BAT2

2

- A/C-ECU
- AS&G OFF SWITCH
- COLUMN SWITCH
- COMBINATION METER
- EMERGENCY CALL CONTROL UNIT
- EMERGENCY CALL RELAY BOX
- HAZARD INDICATOR ASSEMBLY
- LDW-ECU
- SELECTOR LEVER ASSEMBLY
- STEERING WHEEL SENSOR
- TRANSFER-ECU

NOTE

★ :
- AIR FLOW SENSOR
- AS&G-ECU
- EGR COOLER BYPASS CONTROL SOLENOID VALVE
- GLOW CONTROL UNIT
- OIL FEEDER CONTROL VALVE
- VARIABLE GEOMETRY CONTROL SOLENOID VALVE

FUSIBLE LINK 5

<F>15W

1 A-119

RELAY BOX

2

3

ENGINE CONTROL RELAY A-113X

ON

OFF

1

4

3R

3R

F23

F22

20A

1.25P

1

★

A-113X

A-119

D-04

D-11

D-112

D-405

MU801839

D-409

D-133

D-229

MU803797

FRONT SIDE

D-306

MU801547

D-402

MU801331

D-403

MU801857

D-404

J/B SIDE

D-415

(MU803766)

Wire colour code

B : Black LG : Light green G : Green L : Blue W : White
Y : Yellow SB : Sky blue BR : Brown O : Orange GR : Grey
R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E04AC

1

IGNITION SWITCH (IG1)

<F>2GR

4 D-402

J/B

15

10A

FUSIBLE LINK 2

10R

1 D-409

26

20A

20 D-404

12

15A

68 D-415

ETACS-ECU

(IG1)

(ETACS +B)

POWER SOURCE

GND (SGND)

GND (EARTH)

(ANT+)

(ANT-)

(CANL)

(CANH)

70

2 D-404

58

57

65

56 D-415

6 D-405

12 D-403

13 D-403

<T> (L-W)

<T> (BR-W)

<T> 0.35G

<T> 0.35W

W-B

1.25B

TRANSPONDER

7

3

22

11

16

DIAGNOSIS CONNECTOR D-229

J/C (CAN1) D-133

L

0.35L

0.35B

<F>2B

KEY REMINDER SWITCH (IGNITION KEY RING ANTENNA) D-306

IGNITION KEY

18

7

14

6

4

5

<T> 0.35L

<T> 0.35SB

<T> (L-W)

<T> (BR-W)

B-W

B-W

21

10

17

6

J/C(CAN2) D-112

22

11

7

2

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·COMBINATION METER
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

20

NOTE
★: ·AIR FLOW SENSOR
·AS&G-ECU
·EGR COOLER BYPASS CONTROL SOLENOID VALVE
·GLOW CONTROL UNIT
·OIL FEEDER CONTROL VALVE
·VARIABLE GEOMETRY CONTROL SOLENOID VALVE

<T> 0.35G

<T> 0.35P

11

12 D-04

<T> 0.35BR

<T> 0.35Y

109

108

118

101

102

ENGINE-ECU D-11

(CANL)

(CANH)

C/R

BAT1

BAT2

1.25 P-B

1.25 P-B

FUSIBLE LINK 5

<F>15W

1 A-119

RELAY BOX

2

3

ENGINE CONTROL RELAY A-113X

ON

OFF

1

4

3R

3R

F23

F22

20A

P-B

1.25P

1

*

7

A-113X

A-119

D-04

D-11

D-112

D-405

MU801839

D-409

D-133

D-229

MU803797

FRONT SIDE

D-306

MU801547

D-402

MU801331

D-403

MU801857

D-404

J/B SIDE

D-415

(MU803766)

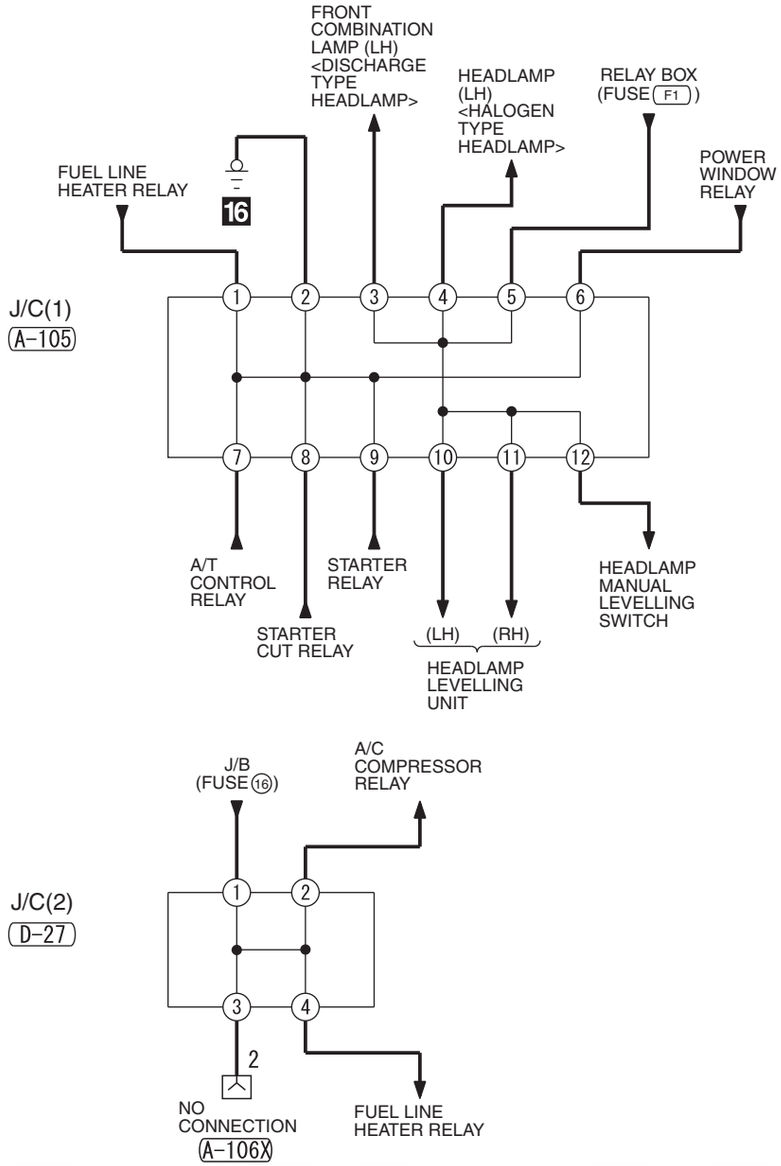
Wire colour code
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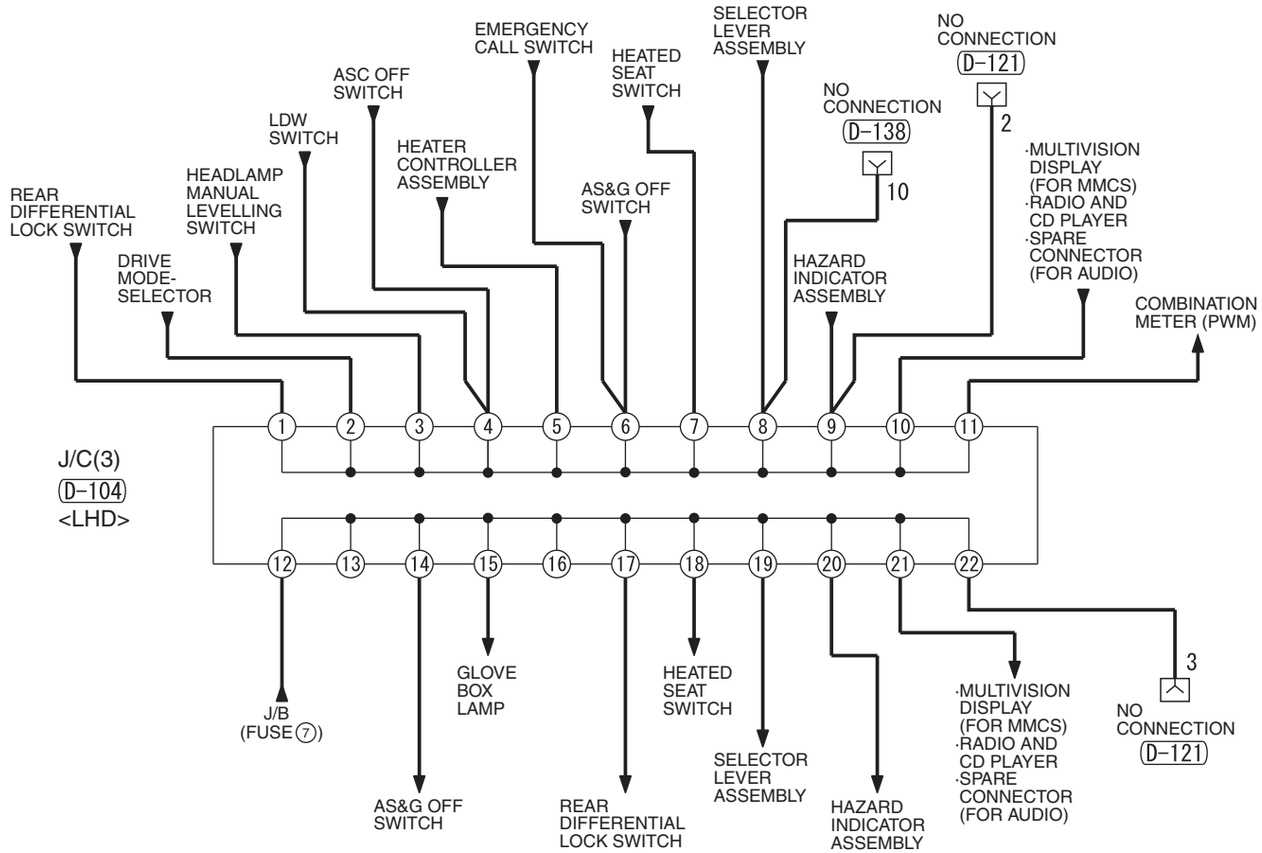
HHC15E06AC

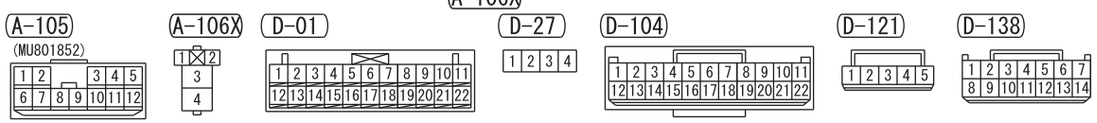
2

NOTE:
IN THE ACTUAL VEHICLES, SOME OF THE J/C TERMINALS IN THE SAME BUS ARE USED, SO IN SOME CASES, THE TERMINAL ARRANGEMENT INDICATED ON THE CIRCUIT DIAGRAMS DOES NOT AGREE WITH THE ONES IN THE ACTUAL VEHICLES.
AS FOR J/C (CAN1, 2), REFER TO CAN CIRCUIT.
IN ADDITION, ON J/C (CAN1, 2), THE TERMINAL NUMBERS INDICATED ON THE CIRCUIT DIAGRAMS SHOULD ALWAYS AGREE WITH THE TERMINAL ARRANGEMENT IN THE ACTUAL VEHICLES.

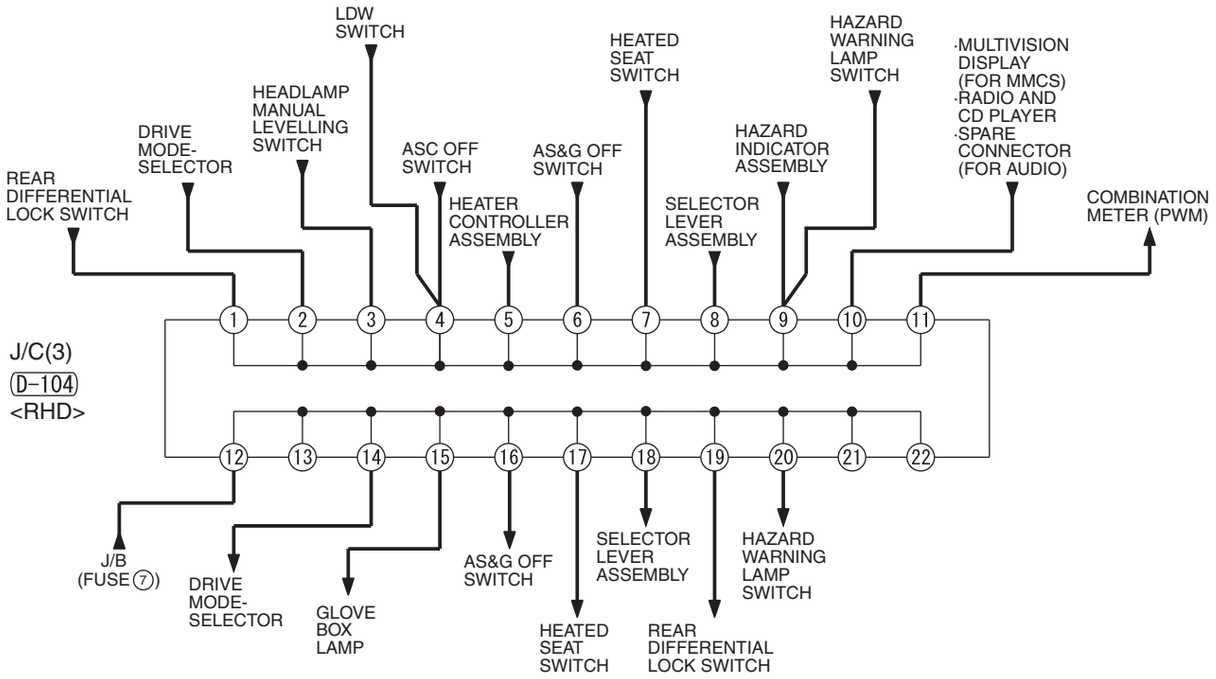
Joint connector (JC)

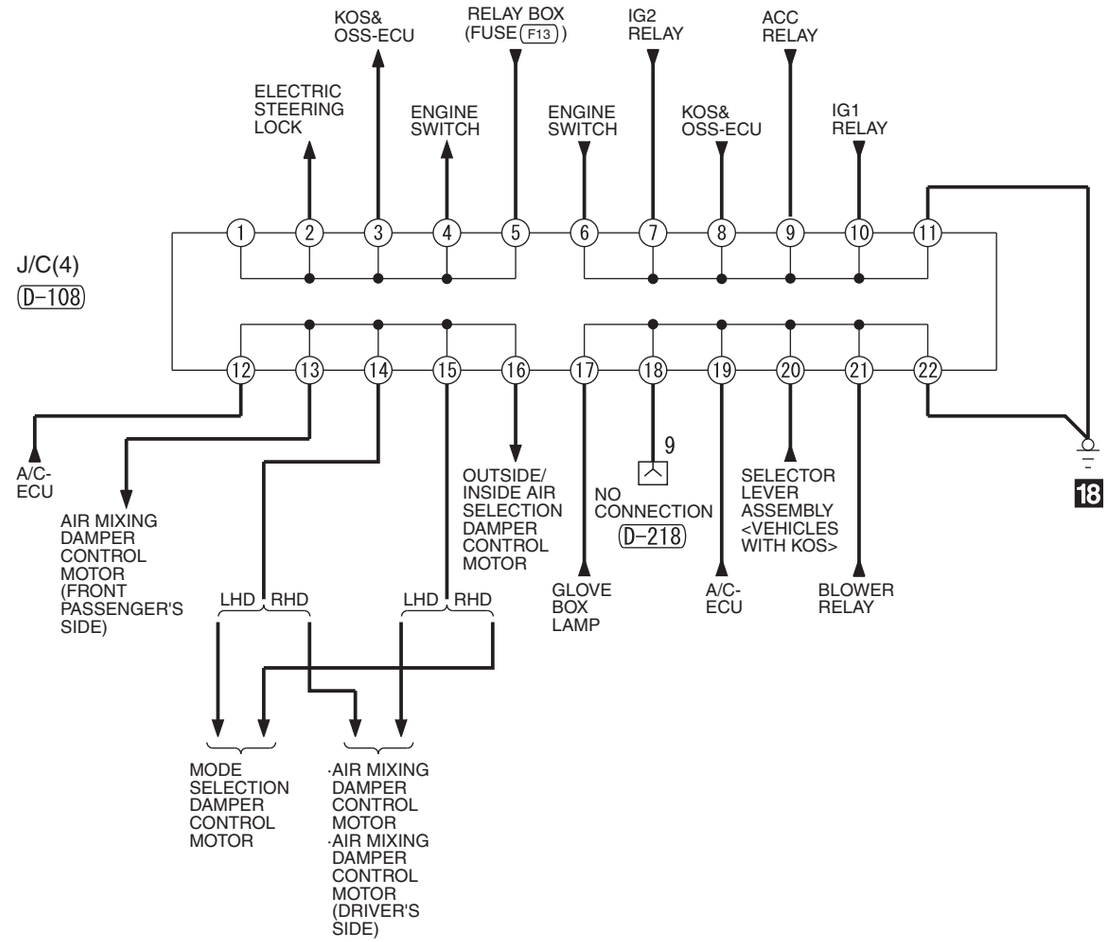




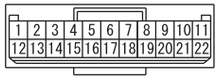


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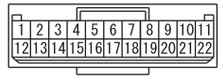




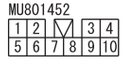
D-104



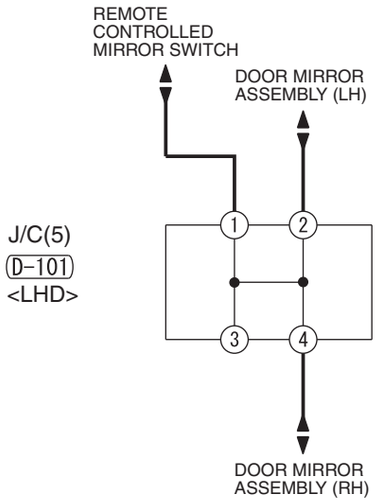
D-108

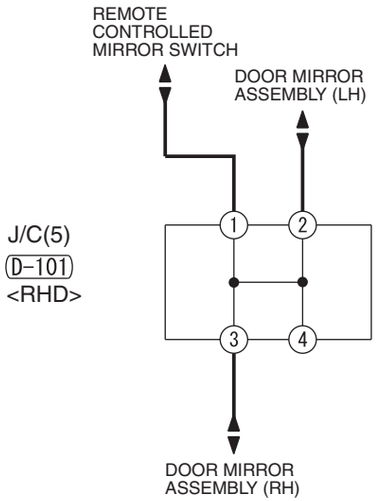


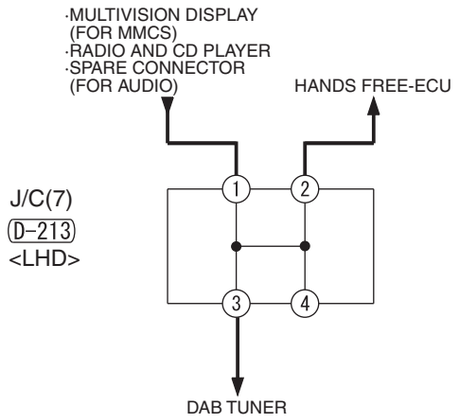
D-218

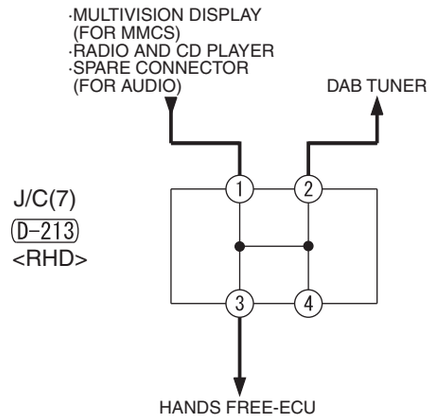


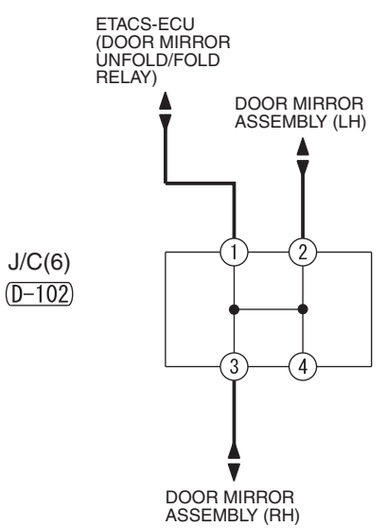
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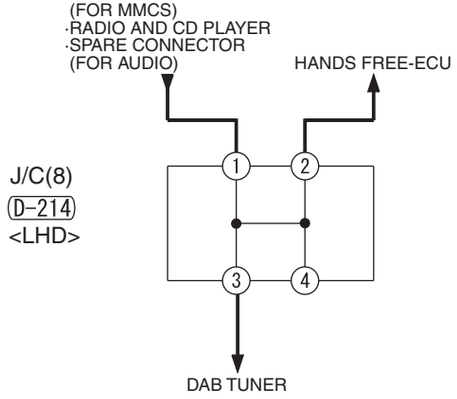

REMOTE
CONTROLLED
MIRROR SWITCH
DOOR MIRROR
ASSEMBLY (LH)
J/C(5)
D-101
<LHD>
1
2
3
4
DOOR MIRROR
ASSEMBLY (RH)

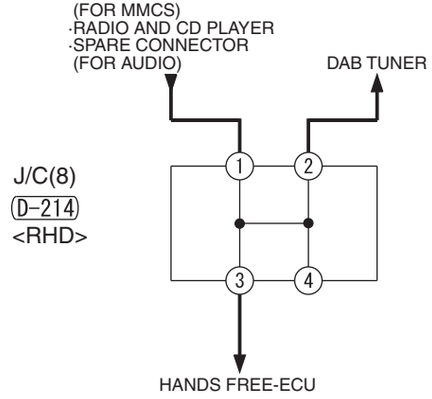

REMOTE
CONTROLLED
MIRROR SWITCH
DOOR MIRROR
ASSEMBLY (LH)
J/C(5)
D-101
<RHD>
1
2
3
4
DOOR MIRROR
ASSEMBLY (RH)

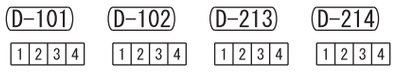

·MULTIVISION DISPLAY
(FOR MMCS)
·RADIO AND CD PLAYER
·SPARE CONNECTOR
(FOR AUDIO)
HANDS FREE-ECU
J/C(7)
D-213
<LHD>
1
2
3
4
DAB TUNER


·MULTIVISION DISPLAY
(FOR MMCS)
·RADIO AND CD PLAYER
·SPARE CONNECTOR
(FOR AUDIO)
DAB TUNER
J/C(7)
D-213
<RHD>
1
2
3
4
HANDS FREE-ECU


ETACS-ECU
(DOOR MIRROR
UNFOLD/FOLD
RELAY)
DOOR MIRROR
ASSEMBLY (LH)
J/C(6)
D-102
1
2
3
4
DOOR MIRROR
ASSEMBLY (RH)

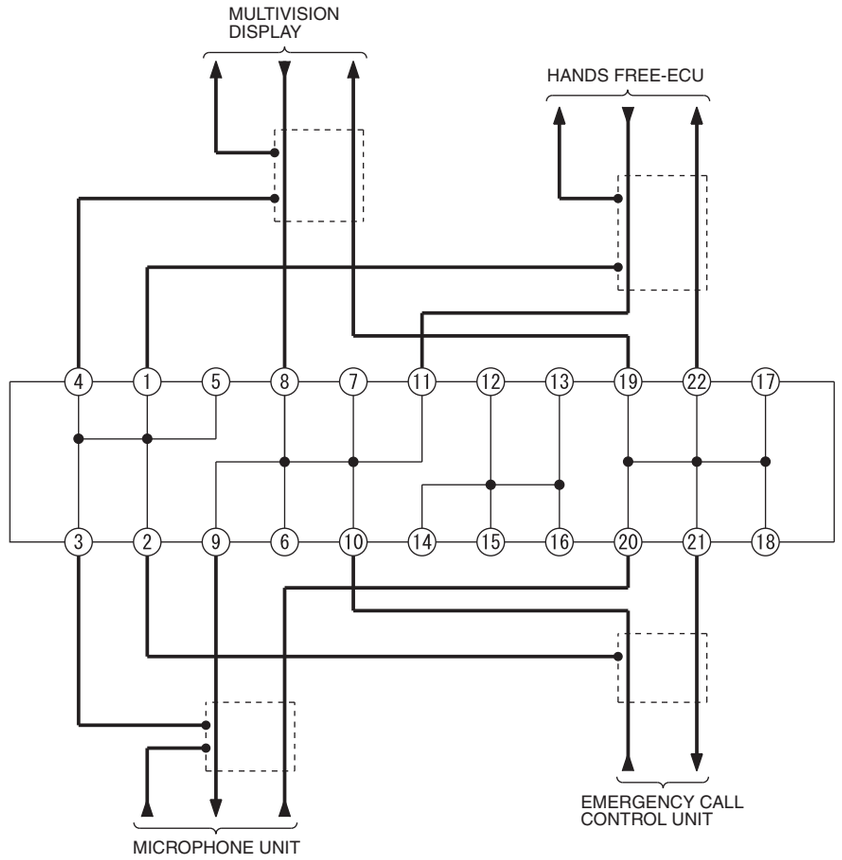

·MULTIVISION DISPLAY
(FOR MMCS)
·RADIO AND CD PLAYER
·SPARE CONNECTOR
(FOR AUDIO)
HANDS FREE-ECU
J/C(8)
D-214
<LHD>
1
2
3
4
DAB TUNER


·MULTIVISION DISPLAY
(FOR MMCS)
·RADIO AND CD PLAYER
·SPARE CONNECTOR
(FOR AUDIO)
DAB TUNER
J/C(8)
D-214
<RHD>
1
2
3
4
HANDS FREE-ECU

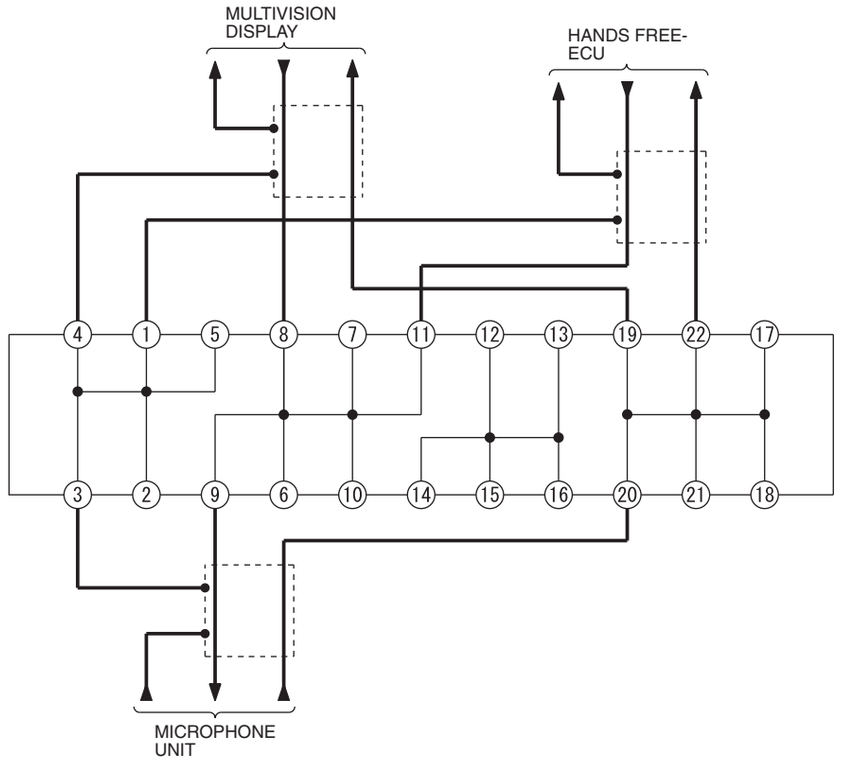

D-101
1 2 3 4
D-102
1 2 3 4
D-213
1 2 3 4
D-214
1 2 3 4

HHSA0E00CC

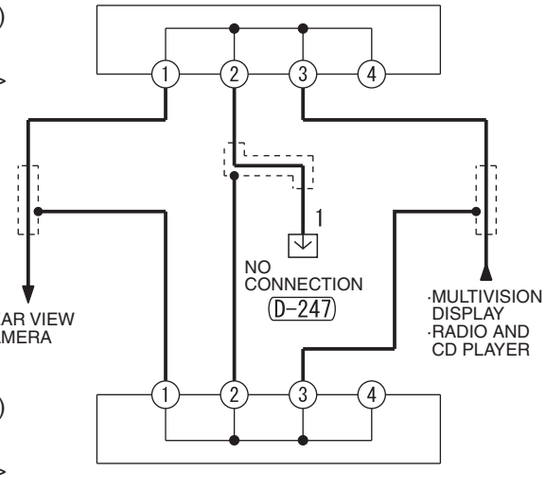
J/C(9)
D-243
<LHD>



J/C(9)
D-243
<RHD>

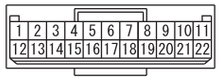


J/C(10)
D-245
<RHD>



J/C(11)
D-246
<RHD>

D-243



D-245



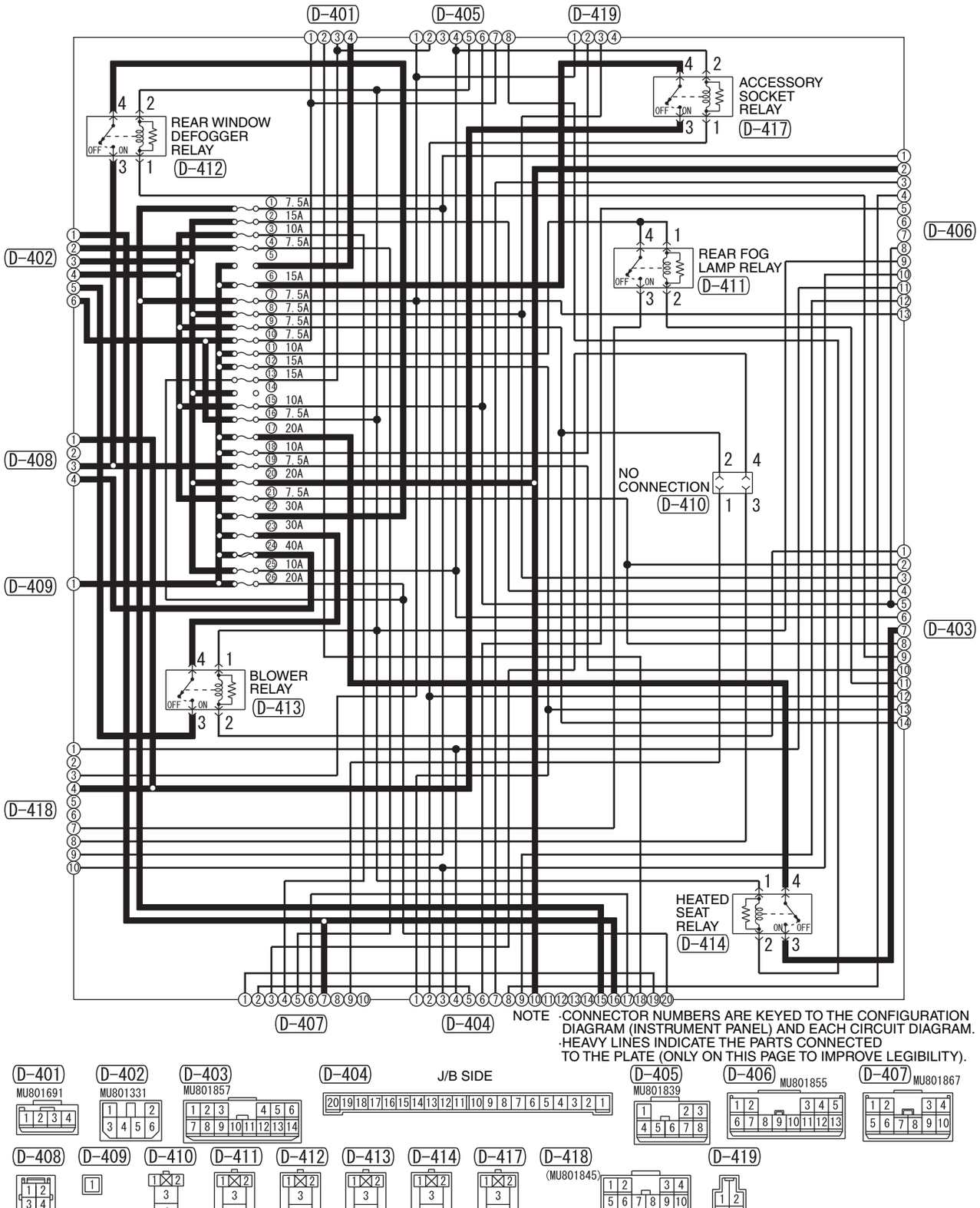
D-246



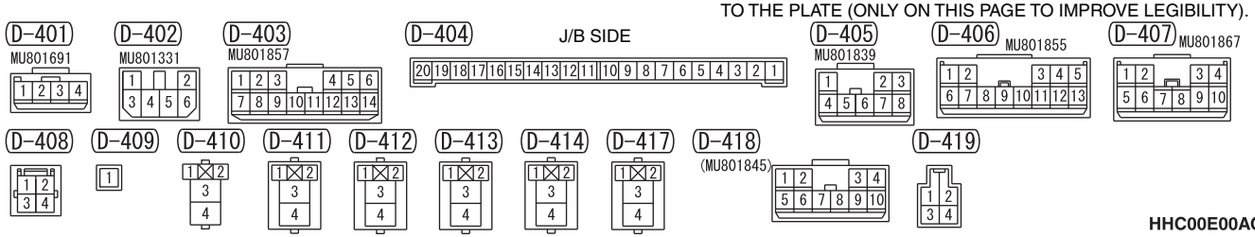
D-247



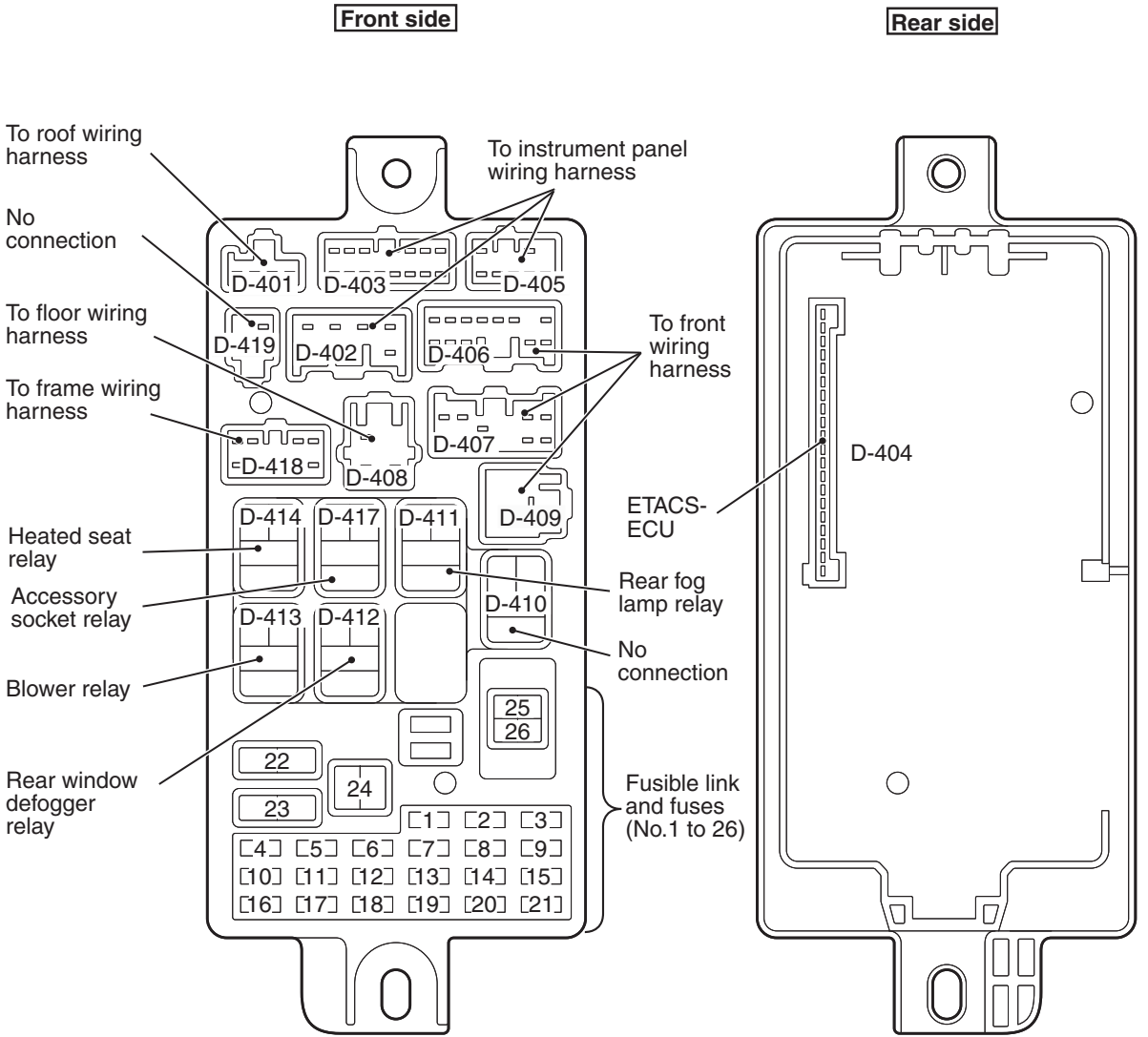
Junction block (JB)



NOTE ·CONNECTOR NUMBERS ARE KEYED TO THE CONFIGURATION DIAGRAM (INSTRUMENT PANEL) AND EACH CIRCUIT DIAGRAM.
·HEAVY LINES INDICATE THE PARTS CONNECTED TO THE PLATE (ONLY ON THIS PAGE TO IMPROVE LEGIBILITY).



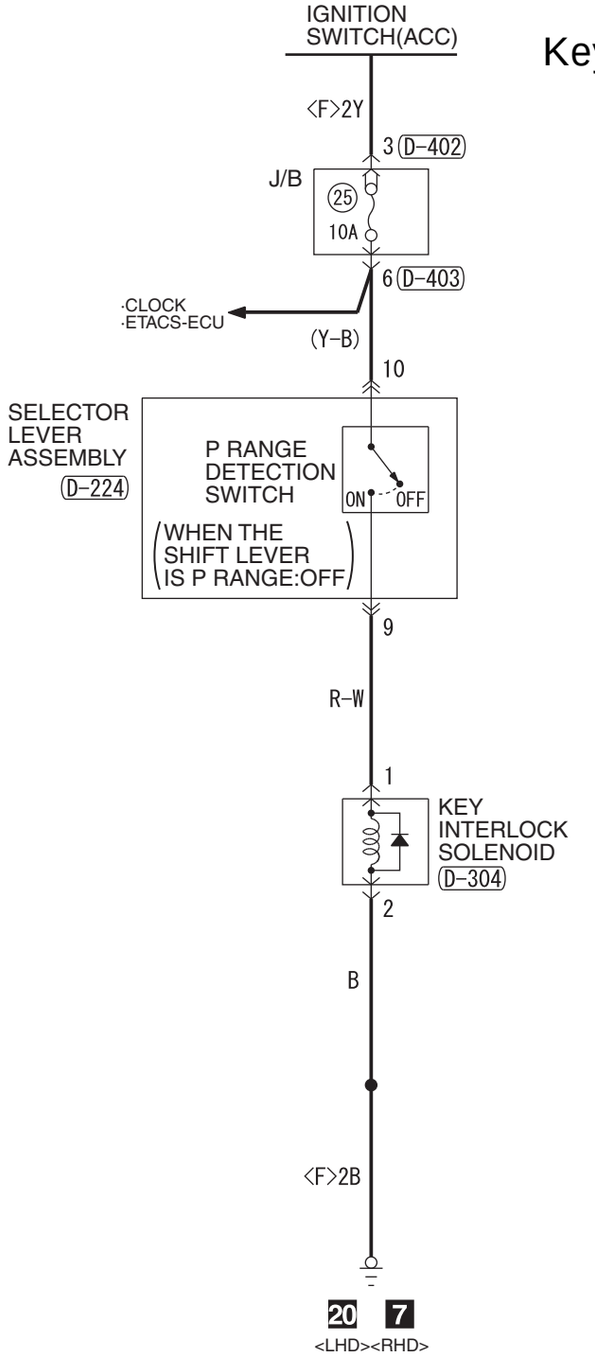
HHC00E00AC

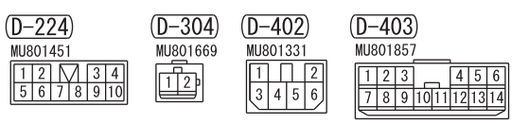

Front side
Rear side
To roof wiring harness
No connection
To floor wiring harness
To frame wiring harness
Heated seat relay
Accessory socket relay
Blower relay
Rear window defogger relay
To instrument panel wiring harness
To front wiring harness
ETACS-ECU
Rear fog lamp relay
No connection
Fusible link and fuses (No.1 to 26)
D-401
D-403
D-405
D-419
D-402
D-406
D-418
D-408
D-407
D-409
D-414
D-417
D-411
D-410
D-413
D-412
22
23
24
25
26
1 2 3
4 5 6 7 8 9
10 11 12 13 14 15
16 17 18 19 20 21
D-404

ACE02886AD

1

Key interlock – vehicles without kos (auto trans.)





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E07AF

1

2

Lane departure warning system

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 D-402

J/B

15

10A

6 D-405

FUSIBLE LINK 2

10R

1 D-409

26

20A

20 D-404

68 D-415

ETACS-ECU

(IG1)

(ETACS +B)

POWER SOURCE

TAIL LAMP RELAY

GND (EARTH)

GND (SGND)

(LDWS)

(TAIL LP)

2 D-404

70

66 D-415

7

15

7.5A

12 D-403

1 D-405

L

0.35L

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·HAZARD INDICATOR ASSEMBLY
·SELECTOR LEVER ASSEMBLY
·TRANSFER-ECU

0.35L

11 D-01

0.35L

3 5

A

L-W

4

LDW-ECU F-08

IG

CANL

CANH

GND

3

2

1

<T> (B-W)

<T> (R-W)

10

9

B

<T>0.35SB

<T>0.35G

3 6

B

3 6

C

8

0.35L

2

COMBINATION METER D-103

(IG+)

LDW ON (WARNING)

BUZZER

LDW ON

LDW STANDBY

CPU

(CANL)

(CANH)

15

14

<T>0.35Y

<T>0.35BE

4 5

D

4 5

E

1.25B

0.35B

<F>2B

20

0.35BE

0.35LG

0.35LG

2

3

LDW SWITCH D-238

OFF

ON

ILL

5

4

0.35B

(L-W)

ASC OFF SWITCH

4

J/C(3) D-104

<F>2B

11

0.35L

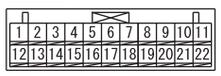
COMBINATION METER (PWM)

20 7

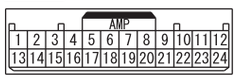
<LHD><RHD>

·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL MULTI-FUNCTION SWITCH

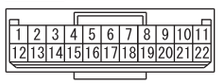
D-01



D-103



D-104



D-238



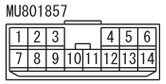
D-402

MU801331

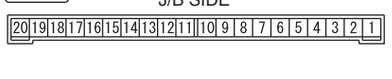


D-403

MU801857

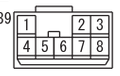


D-404 J/B SIDE



D-405

MU801839

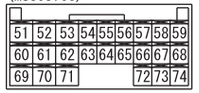


D-409

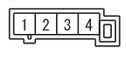


D-415

(MU803766)



F-08



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E07AC

3

<LHD>

4

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

<T>0.35G <T>0.35W

22 11

J/C (CAN1) (D-133)

21 10

<T> (L-W) <T> (BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

20

J/B (FUSE (15))

1 A

0.35L

2 4 3

(IG) (CANL) (CANH)

STEERING WHEEL SENSOR

(GND)

5

COLUMN SWITCH (D-308)

0.35B

7

LDW-ECU

1 B 1 C

<T>0.35SB <T>0.35G

14 3

17 6

<T>0.35G <T>0.35W

COMBINATION METER

1 D 1 E

<T>0.35Y <T>0.35BE

13 2

18 7

<T>0.35L <T>0.35SB

20 9

J/C (CAN2) (D-112)

21 10 16 5

<T>0.35G <T>0.35P <T>0.35L <T>0.35GR

11 12 20 21 (D-04)

<T>0.35BR <T>0.35Y <T>0.35W <T>0.35LG

109 108 4 16

(CANL) (CANH)

ENGINE-ECU (D-11)

CANL CANH

G AND YAW RATE SENSOR

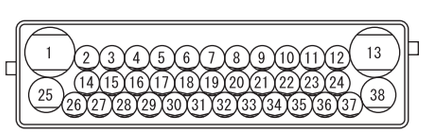
ASTC-ECU (A-02)

INPUT SIGNAL

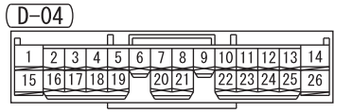
·FRONT WHEEL SPEED SENSOR

·REAR WHEEL SPEED SENSOR

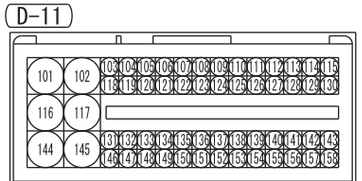
A-02



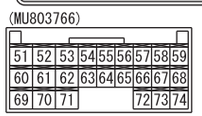
D-04



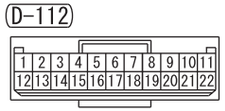
D-11



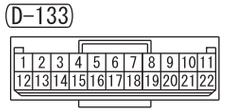
D-415 (MU803766)



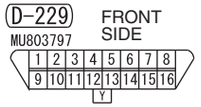
D-112



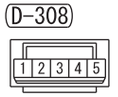
D-133



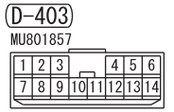
D-229 MU803797 FRONT SIDE



D-308



D-403 MU801857



D-409



Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E07BC

5

<RHD>

6

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

DIAGNOSIS CONNECTOR (D-229)

16

14

6

4

5

B-W

B-W

7

COMBINATION METER

1 D

1 E

<T>0.35Y

<T>0.35BE

J/B (FUSE (15))

1 A

0.35L

2

(IG)

STEERING WHEEL SENSOR (D-308)

STEERING WHEEL SENSOR

(CANL)

(CANH)

(GND)

4

3

5

<T>0.35G

<T>0.35W

0.35B

7

16

5

18

7

J/C (CAN2) (D-112)

17

6

22

11

<T>(L-W)

<T>(BR-W)

<T>0.35G

<T>0.35P

11

12

<T>0.35BR

<T>0.35Y

109

108

(CANL)

(CANH)

ENGINE-ECU (D-11)

ETACS-ECU (D-415)

(CANL)

(CANH)

65

56

<T>0.35G

<T>0.35W

22

11

J/C (CAN1) (D-133)

18

7

<T>0.35L

<T>0.35SB

21

10

14

3

<T>0.35L

<T>0.35GR

20

21 (D-04)

<T>0.35W

<T>0.35LG

4

16

CANL

CANH

G AND YAW RATE SENSOR

ASTC-ECU (A-02)

LDW-ECU

1 B

1 C

<T>0.35SB

<T>0.35G

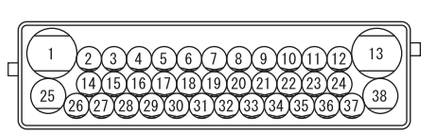
21

10

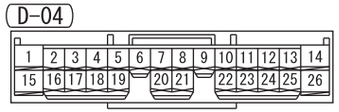
INPUT SIGNAL

- FRONT WHEEL SPEED SENSOR
- REAR WHEEL SPEED SENSOR

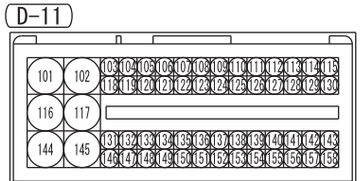
A-02



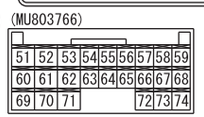
D-04



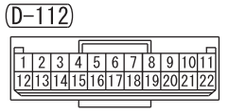
D-11



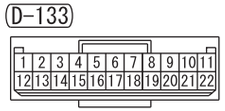
D-415 (MU803766)



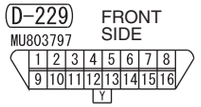
D-112



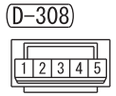
D-133



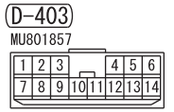
D-229 MU803797 FRONT SIDE



D-308



D-403 MU801857



D-409

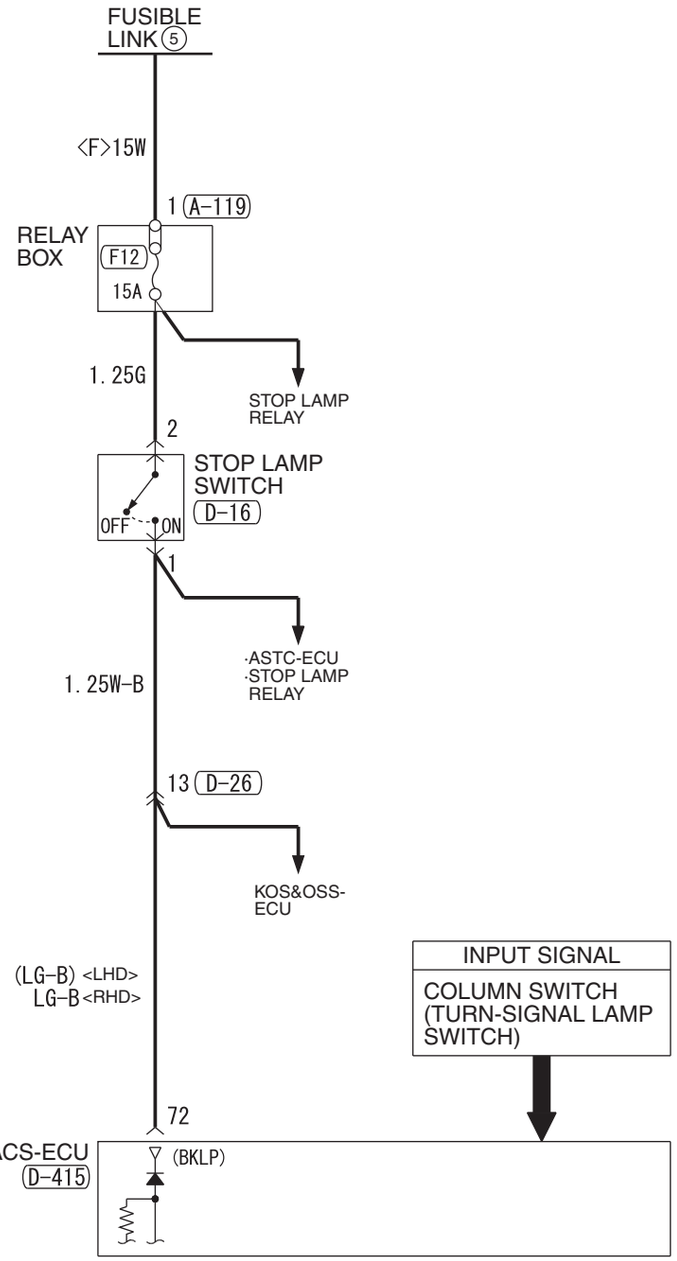


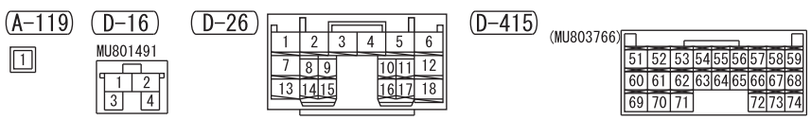
Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E07CC

7





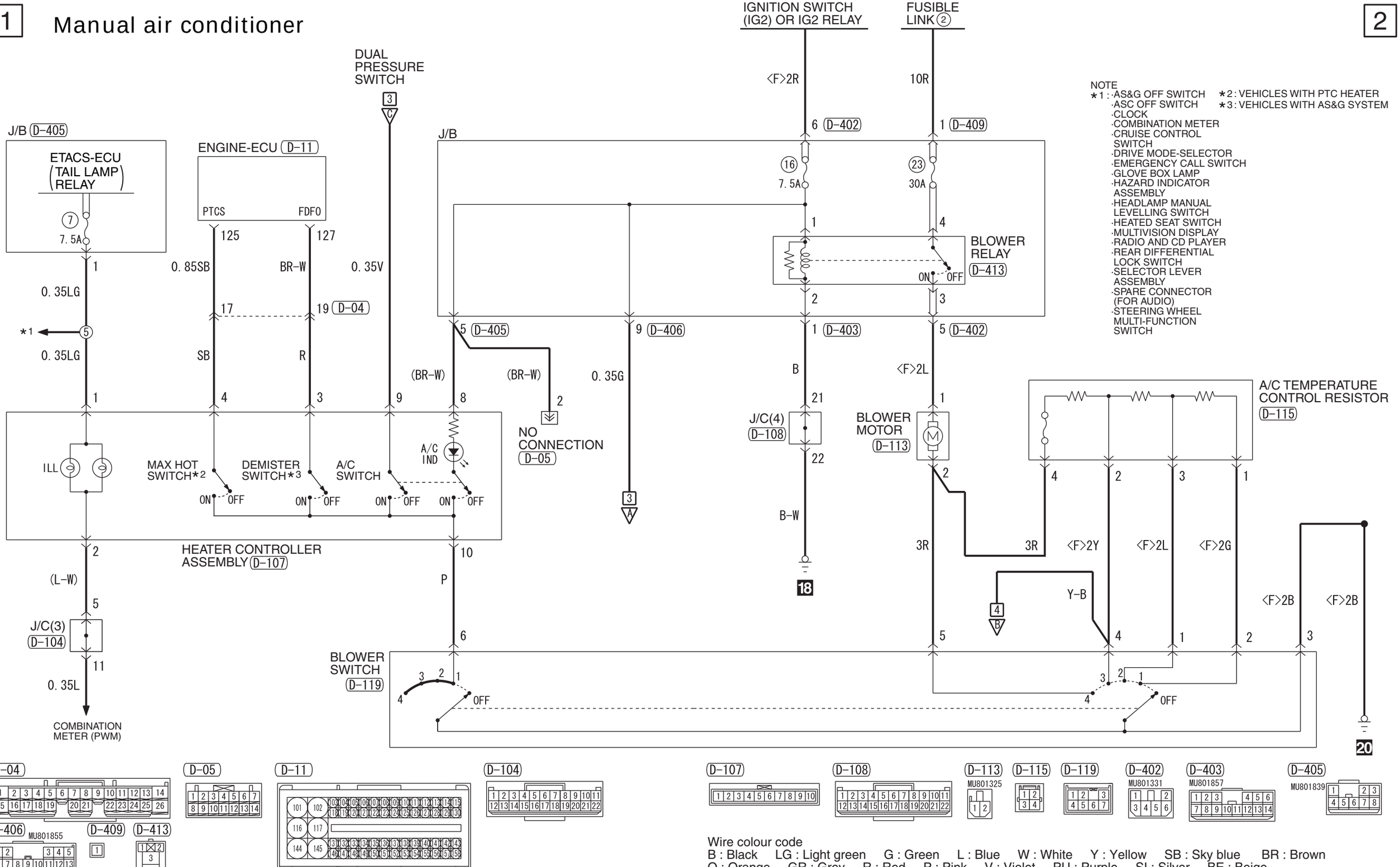
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E07DC

1

Manual air conditioner

2



NOTE
*1 : ·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·EMERGENCY CALL SWITCH
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL MULTI-FUNCTION SWITCH
*2 : VEHICLES WITH PTC HEATER
*3 : VEHICLES WITH AS&G SYSTEM

D-04

D-05

D-11

D-104

D-107

D-108

D-113 MU801325

D-115

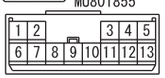
D-119

D-402 MU801331

D-403 MU801857

D-405 MU801839

D-406 MU801855



D-409

D-413



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSN0E01AC

3

FUSIBLE LINK (5)

J/B (FUSE (16))

<F>15W

0.35G

J/C(2) D-27

(G-W)

RELAY BOX

1 A-119

F18

20A

1.25L

A/C COMPRESSOR RELAY

A-116X

OFF ON

1.25R

W

12 B-108

0.85L-W

A/C COMPRESSOR AND CLUTCH ASSEMBLY B-18

FUSE

2 D-04

0.35V

V-W

DUAL PRESSURE SWITCH A-33

LOW-PRESSURE SIDE

ON→OFF :0.196±0.02MPa

OFF→ON :0.226 $^{+0.025}_{-0.03}$ MPa

HIGH-PRESSURE SIDE

ON→OFF :2.94±0.02MPa

OFF→ON :0.59±0.02MPa

W-B

Y

7 A-121

GR

V

19

7

ENGINE -ECU

AC/R

AC/S

BLOWER SWITCH

2 B

Y-B

13 D-05

9 D-09

BFAN

NO CONNECTION D-04

18

(GR-B)

FIN THERMO SENSOR D-110

<Euro 6b>

<Euro 5b>

(G-W)

(G-W)

(GR-B)

13 D-04

106 D-11

AC/T

7

61

6 D-05

85 D-09

AC/T

ACTE

L

G

B

BR

FUSIBLE LINK (2)

10R

1 D-409

J/B (12) 15A

13 D-403

W-B

16

DIAGNOSIS CONNECTOR D-229

6 14 4 5

<T>(BR-W) <T>(L-W)

10 21

J/C(CAN1) D-133

7 18

<T>0.35SB <T>0.35L

9 20

J/C(CAN2) D-112

10 21

<T>0.35P <T>0.35G

12 11 D-04

<T>0.35Y <T>0.35BR

108 109 D-11

(CANH) (CANL)

B-W B-W

20

4

A-33 A-116X A-119 A-121 MU801855 B-18 MU802655 B-108 MU802611 D-04 D-05 D-09 D-11 D-27 D-110

D-112 D-133 D-229 MU803797 FRONT SIDE D-403 MU801857 D-409

1

2

IGNITION SWITCH (IG2) OR IG2 RELAY

FUSIBLE LINK (2)

<F>2R

10R

6 (D-402)

1 (D-409)

J/B (D-405)

ETACS-ECU (TAIL LAMP RELAY)

7

7.5A

1

0.35LG

5

0.35LG

*1

1

HEATER CONTROLLER ASSEMBLY (D-107)

ILL

2

(L-W)

5

J/C(3) (D-104)

11

0.35L

COMBINATION METER (PWM)

ENGINE-ECU (D-11)

FDFO

127

BR-W

19 (D-04)

R

3

DUAL PRESSURE SWITCH

3

C

0.35V

9

DEMISTER SWITCH*2

ON OFF

A/C SWITCH

ON OFF

A/C IND

ON OFF

8

(BR-W)

10

P

6

BLOWER SWITCH (D-119)

3 2 1

4

OFF

J/B

16

7.5A

1

23

30A

4

BLOWER RELAY (D-413)

ON OFF

2

3

5 (D-405)

9 (D-406)

1 (D-403)

5 (D-402)

0.35G

B

21

J/C(4) (D-108)

22

B-W

3

A

18

<F>2L

1

BLOWER MOTOR (D-113)

M

2

3R

3R

<F>2Y

<F>2L

<F>2G

4

B

Y-B

5

4

1

2

3 2 1

4

OFF

A/C TEMPERATURE CONTROL RESISTOR (D-115)

4

2

3

1

<F>2B

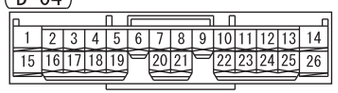
<F>2B

3

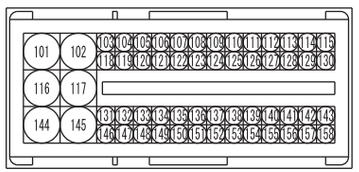
20

NOTE
*1: ·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HAZARD WARNING LAMP SWITCH
·HEADLAMP MANUAL LEVELLING SWITCH
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL MULTI-FUNCTION SWITCH
*2: VEHICLES WITH AS&G SYSTEM

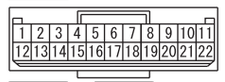
D-04



D-11



D-104



D-107



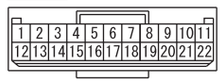
D-409

1

D-413



D-108



D-113

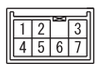
MU801325



D-115



D-119



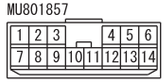
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MU801331



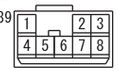
D-403

MU801857



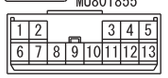
D-405

MU801839



D-406

MU801855



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC12E08AC

3

FUSIBLE LINK (5)

J/B (FUSE (16))

1

A

0.35G

1

J/C(2) (D-27)

2

<F>15W

(G-W)

1 (A-119)

RELAY BOX

F18

20A

1.25L

4

1

A/C COMPRESSOR RELAY (A-116X)

OFF ON

3

2

1.25R

Y

9

8

7 (A-121)

W

12 (B-108)

0.85L-W

1

A/C COMPRESSOR AND CLUTCH ASSEMBLY (B-18)

FUSE

2 (D-04)

0.35V

1

C

V-W

2

DUAL PRESSURE SWITCH (A-33)

LOW-PRESSURE SIDE

ON→OFF :0.196±0.02MPa

OFF→ON :0.226 +0.025 −0.03 MPa

HIGH-PRESSURE SIDE

ON→OFF :2.94±0.02MPa

OFF→ON :0.59±0.02MPa

W-B

1

GR

V

19

7 (D-09)

ENGINE-ECU

AC/R

AC/S

NO CONNECTION (D-04)

18

GR-B

BLOWER SWITCH

2

B

Y-B

0.35L

1

2 (D-136)

0.35GR

2

FIN THERMO SENSOR (D-110)

1

(G-W)

(G-W)

7

13 (D-04)

G

106 (D-11)

AC/T

6

13 (D-05)

BR

85

ACTE

L

9 (D-09)

BFAN

4

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

12

15A

13 (D-403)

W-B

16

DIAGNOSIS CONNECTOR (D-229)

6

14

4

5

<T>(BR-W)

<T>(L-W)

6

17

J/C(CAN2) (D-112)

11

22

<T>0.35P

<T>0.35G

B-W

B-W

12

11 (D-04)

<T>0.35Y

<T>0.35BR

108

109 (D-11)

(CANH)

(CANL)

7

A-33 (1 2)

A-116X (1 2 3 4)

A-119 (1)

A-121 MU801855 (1 2 3 4 5 6 7 8 9 10 11 12 13)

B-18 MU802655 (1)

B-108 MU802611 (1 2 3 4 5 6 7 8 9 10 11 12)

D-04 (1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26)

D-05 (1 2 3 4 5 6 7 8 9 10 11 12 13 14)

D-09 (1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96)

D-11 (101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158)

D-27 (1 2 3 4)

D-110 (1 2)

D-112 (1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22)

D-136 MU801669 (1 2)

D-229 MU803797 (1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16)

FRONT SIDE

D-403 MU801857 (1 2 3 4 5 6 7 8 9 10 11 12 13 14)

D-409 (1)

HHC12E08BC

Meter and gauge

1

2

FUSIBLE LINK (2)

IGNITION SWITCH (IG1) OR IG1 RELAY

10R

1 (D-409)

<F>2GR

4 (D-402)

J/B

(26) 20A

(13) 15A

(15) 10A

NOTE
*: VEHICLES WITH AUTOMATIC AIR CONDITIONER OR AS&G SYSTEM

2

6 (D-405)

0.35R

L

·A/C-ECU
·CLOCK
·COLUMN SWITCH
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

(3)

(2)

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

0.35R

0.35L

COMBINATION METER (D-103)

1 (B+B)

2 (IG+)

BUZZER

LCD
·ENGINE COOLANT TEMPERATURE DISPLAY
·F/GA
·FROST*
·ODO/TRIP
·OUTSIDE TEMPERATURE*
·RHEOSTAT
·SERVICE REMINDER INFORMATION

ILL

TACHO

SPEED

MULTI-INFORMATION DISPLAY SWITCH

CPU

<VEHICLES WITH AUTOMATIC AIR CONDITIONER OR AS&G SYSTEM>

AMBIENT TEMPERATURE SENSOR (A-27)

2

1

0.35R

0.35G

16

17 (D-25)

Y

GR

7 (AMB)

12 (SENG)

B

21

1.25B

2

FUEL GAUGE UNIT (H-11)

1

11 (D-20)

<F>2B

<F>2B

18

20

(G-B)

9 (D-22)

<F>2B

0.35W

B-W

B-W

7

18 (F/G)

21 (GND1)

13 (GND)

(A-27) (D-20) (D-22) (D-25) (D-103) (D-402) (D-405) (D-409) (H-11) (MU802050)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSL0E00AC

3

4

J/B (D-405)

ETACS-ECU (TAIL LAMP RELAY)

7

7.5A

1

0.35LG

·A/C-ECU
·ASC OFF SWITCH
·CLOCK
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·STEERING WHEEL MULTI-FUNCTION SWITCH

5

0.35LG

23

COMBINATION METER (D-103)

(ILL+)

(PWM)

22

0.35LG

12

NO CONNECTION (D-121)

3

·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

SELECTOR LEVER ASSEMBLY

(LG-B)

19

GLOVE BOX LAMP

0.35LG

15

HEATED SEAT SWITCH

0.35LG

18

AS&G OFF SWITCH

0.35LG

14

HAZARD INDICATOR ASSEMBLY

0.35LG

20

REAR DIFFERENTIAL LOCK SWITCH

0.35LG

17

EMERGENCY CALL SWITCH

0.35LG

16

J/C(3) (D-104)

0.35L

11

(L-W)

8

SELECTOR LEVER ASSEMBLY

10

NO CONNECTION (D-138)

0.35L

3

HEADLAMP MANUAL LEVELLING SWITCH

0.35L

2

DRIVE MODE-SELECTOR

(L-W)

5

HEATER CONTROLLER ASSEMBLY

(L-W)

9

HAZARD INDICATOR ASSEMBLY

2

NO CONNECTION (D-121)

0.35L

10

·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

(L-W)

6

AS&G OFF SWITCH

(L-W)

17

NO CONNECTION (D-01)

0.35L

7

HEATED SEAT SWITCH

0.35L

1

REAR DIFFERENTIAL LOCK SWITCH

(L-W)

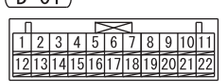
4

ASC OFF SWITCH

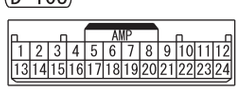
(L-W)

LDW SWITCH

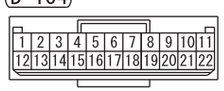
D-01



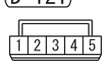
D-103



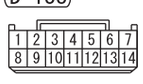
D-104



D-121

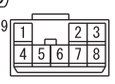


D-138



D-405

MU801839



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSL0E00BC

5

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

COMBINATION METER (D-103)

(CANL) (CANH)

15 14

<T>0.35Y <T>0.35BE

13 2

J/C (CAN1) (D-133)

21 10 18 7

<T>(L-W) <T>(BR-W) <T>0.35L <T>0.35SB

16 14 6 20 9

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

20

J/C (CAN2) (D-112)

6

INPUT SIGNAL

·CRANK ANGLE SENSOR
·ENGINE COOLANT TEMPERATURE SENSOR

ENGINE-ECU (D-11)

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

11 12

<T>0.35G <T>0.35P

21 10

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL CANH

4 16

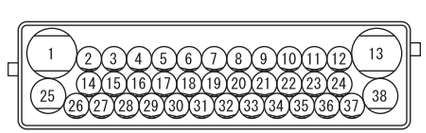
<T>0.35W <T>0.35LG

20 21 (D-04)

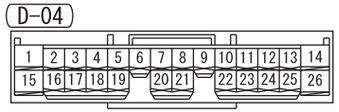
<T>0.35L <T>0.35GR

16 5

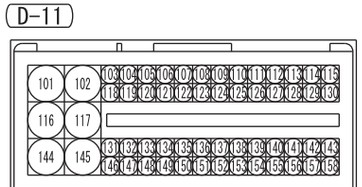
A-02



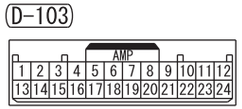
D-04



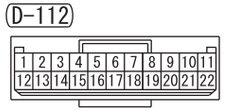
D-11



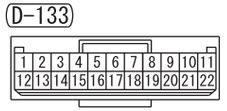
D-103



D-112



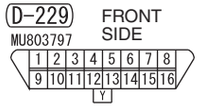
D-133



D-229

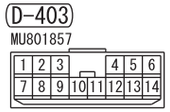
MU803797

FRONT SIDE



D-403

MU801857



D-409



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSL0E00CC

1

FUSIBLE LINK (2)

IGNITION SWITCH (IG1) OR IG1 RELAY

10R

<F>2GR

1 (D-409)

4 (D-402)

J/B

(26) 20A

(13) 15A

(15) 10A

NOTE
*: VEHICLES WITH AUTOMATIC AIR CONDITIONER OR AS&G SYSTEM

2

6 (D-405)

0.35R

L

·A/C-ECU
·CLOCK
·COLUMN SWITCH
·DAB TUNER
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

(3)

(2)

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

0.35R

0.35L

COMBINATION METER (D-103)

1 (B+B)

2 (IG+)

BUZZER

LCD
·ENGINE COOLANT TEMPERATURE DISPLAY
·F/GA
·FROST*
·ODO/TRIP
·OUTSIDE TEMPERATURE*
·RHEOSTAT
·SERVICE REMINDER INDICATOR

ILL

TACHO

SPEED

MULTI-INFORMATION DISPLAY SWITCH

CPU

<VEHICLES WITH AUTOMATIC AIR CONDITIONER OR AS&G SYSTEM>

AMBIENT TEMPERATURE SENSOR (A-27)

2

1

0.35R

0.35G

16

17 (D-25)

Y

GR

7 (AMB)

12 (SENG)

2

B

21

1.25B

11 (D-20)

FUEL GAUGE UNIT (H-11)

1

<F>2B

<F>2B

18

20

(G-B)

9 (D-22)

<F>2B

0.35W

B-W

B-W

7

18 (F/G)

21 (GND1)

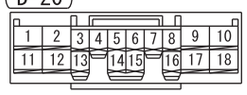
13 (GND)

2

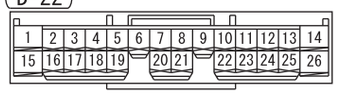
(A-27)



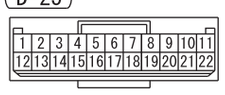
(D-20)



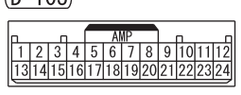
(D-22)



(D-25)



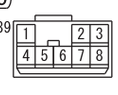
(D-103)



(D-402) MU801331



(D-405) MU801839



(D-409)



(H-11) (MU802050)



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC10E01AF

3

4

J/B
(D-405)

ETACS-ECU
(TAIL LAMP RELAY)

7

7.5A

1

0.35LG

·A/C-ECU
·ASC OFF SWITCH
·CLOCK
·CRUISE CONTROL SWITCH
·HAZARD INDICATOR ASSEMBLY
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL MULTI-FUNCTION SWITCH

5

0.35LG

23

COMBINATION METER (D-103)

(ILL+)

(PWM)

22

0.35L

11

0.35LG

12

(LG-B)

SELECTOR LEVER ASSEMBLY

18

0.35LG

HAZARD WARNING LAMP SWITCH

20

0.35LG

GLOVE BOX LAMP

15

0.35LG

REAR DIFFERENTIAL LOCK SWITCH

19

0.35LG

DRIVE MODE-SELECTOR

14

0.35LG

AS&G OFF SWITCH

16

0.35LG

HEATED SEAT SWITCH

17

J/C(3)
(D-104)

(L-W)

10

NO CONNECTION
(D-138)

(L-W)

8

SELECTOR LEVER ASSEMBLY

0.35L

3

HEADLAMP MANUAL LEVELLING SWITCH

0.35L

2

DRIVE MODE-SELECTOR

(L-W)

5

HEATER CONTROLLER ASSEMBLY

(L-W)

9

HAZARD WARNING LAMP SWITCH

(L-W)

HAZARD INDICATOR ASSEMBLY

0.35L

7

HEATED SEAT SWITCH

0.35L

10

·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

(L-W)

LDW SWITCH

(L-W)

4

ASC OFF SWITCH

0.35L

1

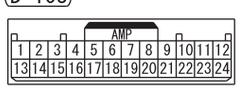
REAR DIFFERENTIAL LOCK SWITCH

(L-W)

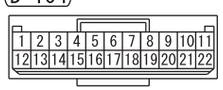
6

AS&G OFF SWITCH

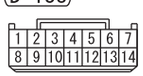
(D-103)



(D-104)

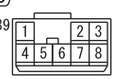


(D-138)



(D-405)

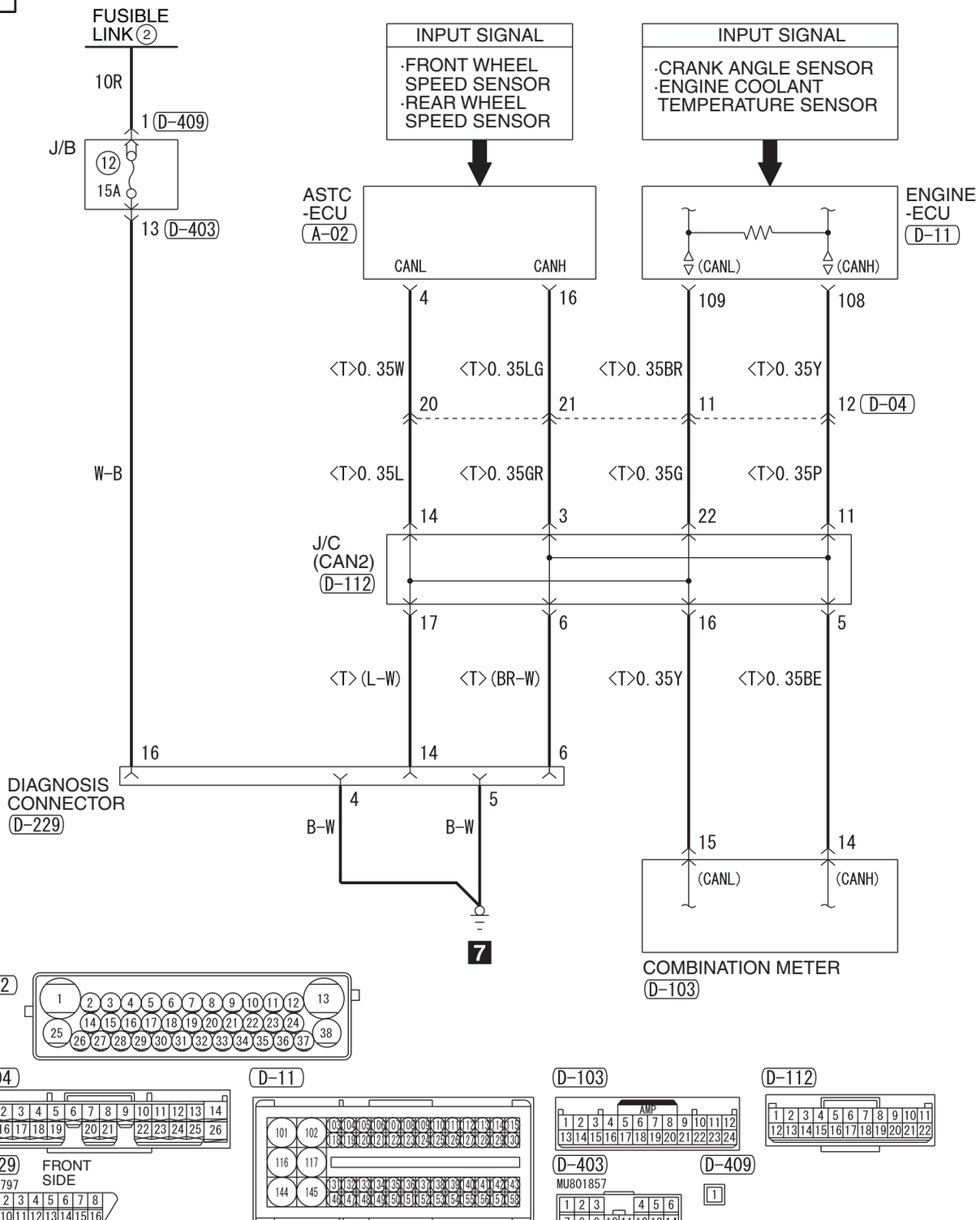
MU801839



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC10E01BF

5



HHC10E01CC

1

<VEHICLES WITH AS&G SYSTEM>

IGNITION SWITCH (ACC) OR ACC RELAY

FUSIBLE LINK ⑤

<F>2Y

3 D-402

J/B

25

10A

<F>15W

1 A-119

RELAY BOX

BF2

30A

·CLOCK
·ETACS-ECU
·SELECTOR LEVER ASSEMBLY

6 D-403

Y-B

3W

7 D-26

V

DC/DC CONVERTER D-34

6

9

IGN

PWR

GND

DCCT

OUT2

OUT1

10

5

8

7

3B

R

1.25W-B*1
2W-B*2

1.25R-W

1

2 D-26

AS&G-ECU

(W-B)*1
W-B*2

W-B

3 A

4 B

HANDS FREE-ECU

19

<F>2Y

1.25W-B

1

10

ACC

+B

MULTIVISION DISPLAY D-209

<VEHICLES WITHOUT AS&G SYSTEM>

IGNITION SWITCH (ACC) OR ACC RELAY

<F>2Y

3 D-402

25

10A

0.85G*1
<F>2G*2

4

12

0.85W*1
1.25W*2

1

<F>2Y

ACC

26

20A

13

15A

0.35R

2

*3

R

18 D-26

(W-B)*1
W-B*2

W-B

3 C

4 D

HANDS FREE-ECU

1.25W-B

10

+B

FUSIBLE LINK ②

10R

1 D-409

J/B

ETACS-ECU (TAIL LAMP RELAY)

7

7.5A

12

15A

1 D-405

0.35LG

*4

0.35LG

7 E

13 D-403

W-B

11 13 F

LHD

RHD

0.35LG

12

J/C(3) D-104

21

0.35LG

0.35LG

9

ILL+

COMBINATION METER (PWM)

0.35L

11

J/C(3) D-104

10

0.35L

19

ILL-

GPS ANTENNA

GPS ANTENNA CABLE

NOTE
*1 : LHD
*2 : RHD
*3 : ·A/C-ECU
·CLOCK
·COLUMN SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·KEY REMINDER SWITCH
·KOS&OSS-ECU
*4 : ·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY

A-119 1

D-26 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

D-34 1 2 3 4 5 6 7 8 9 10

D-104 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

D-209 (MU801971) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

D-402 MU801331 1 2 3 4 5 6

D-403 MU801857 1 2 3 4 5 6 7 8 9 10 11 12 13 14

D-405 MU801839 1 2 3 4 5 6 7 8

D-409 1

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

3

4

NOTE
*1 : LHD
*2 : RHD
*5 : VEHICLES WITH AS&G SYSTEM
*6 : VEHICLES WITHOUT AS&G SYSTEM

ROOF ANTENNA

ANTENNA BASE

1 I-01

ANTENNA FEEDER CABLE

<VEHICLE WITH DAB TUNER>

DC/DC CONVERTER 1 A

J/B (FUSE 13) 2 C

*5 *6

(W-B) *1
W-B *2

ANTENNA FEEDER CABLE

1 D-217

W

14 D-209

ANT

MULTIVISION DISPLAY

1

+B

DAB TUNER D-130

IEH 4

IEL 11

ACC 2

TIR+ 14

TIR- 13

TIL+ 6

TIL- 7

TSHG 5

GND 8

<T>0.35BE

<T>0.35Y

3 *1
2 *2

J/C(7) D-213

J/C(8) D-214

1

2 *1
3 *2

<T>
0.35Y *1
<T>
0.35BE *2

<T>
0.35LG *1
<T>
0.35Y *2

HANDS FREE-ECU

0.35BE

0.35Y

29

38

IEH

IEL

BR-W

0.35G

0.35B

0.35R

0.35W

HANDS FREE-ECU

28

26

35

27

36

AMPO

TIR+

TIR-

TIL+

TIL-

(GR)

37 D-206

<NO CONNECTION>

B

(GR)

<F>2B

7 *1 20 *2

DC/DC CONVERTER 1 B

J/B (FUSE 13) 2 D

*5 *6

W-B

44 D-212

+B2

D-130 MU801586

D-206 MU801589

D-209 (MU801971)

D-211

D-213

D-214

D-217 MU801665

I-01 MU801666

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E04BC

5

6

<LHD>

<RHD>

MULTIVISION DISPLAY (D-212)

GND2 48

REV 43

V-W

B

11 (D-22)

·ETACS-ECU
·INSIDE REAR VIEW MIRROR ASSEMBLY
·REAR VIEW CAMERA

R-G

INHIBITOR SWITCH <A/T>
BACK-UP LAMP SWITCH <M/T>

8
G

<F>2B

4 (H-09)

R-G

REAR COMBINATION LAMP (BACK-UP)

7

CACC 41

CGND 45

CDET 42

CMP+ 46

CMP- 47

Y

BR

BE

0.35B

(GR)

(GR)

4 5 8 7 6 (D-20)

G-Y

W

G-Y

(L-W) (LG-R) (L)

1 3 4 6 5 (H-08)

(Y) BR (Y-R) <T>W <T>W-R

1 3 4 6 5

REAR VIEW CAMERA (H-20)

CACC 41

CGND 45

CDET 42

CMP+ 46

CMP- 47

NO CONNECTION (D-247)

5 10 3

Y-B BR-W Y-B BR-W LG-B LG-B

4 5 8

(L-W) (LG-R) (L)

1 3 4 6 5 (H-08)

(Y) BR (Y-R) <T>W <T>W-R

1 3 4 6 5

REAR VIEW CAMERA (H-20)

(GR)

(B)

(GR)

3

J/C(10) (D-245)

1

3

J/C(11) (D-246)

1

(GR)

(B)

(GR)

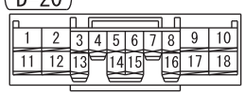
6 (D-20)

G-Y

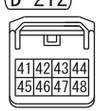
W

G-Y

D-20



D-212



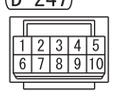
D-245



D-246



D-247



H-08 (MU000889)



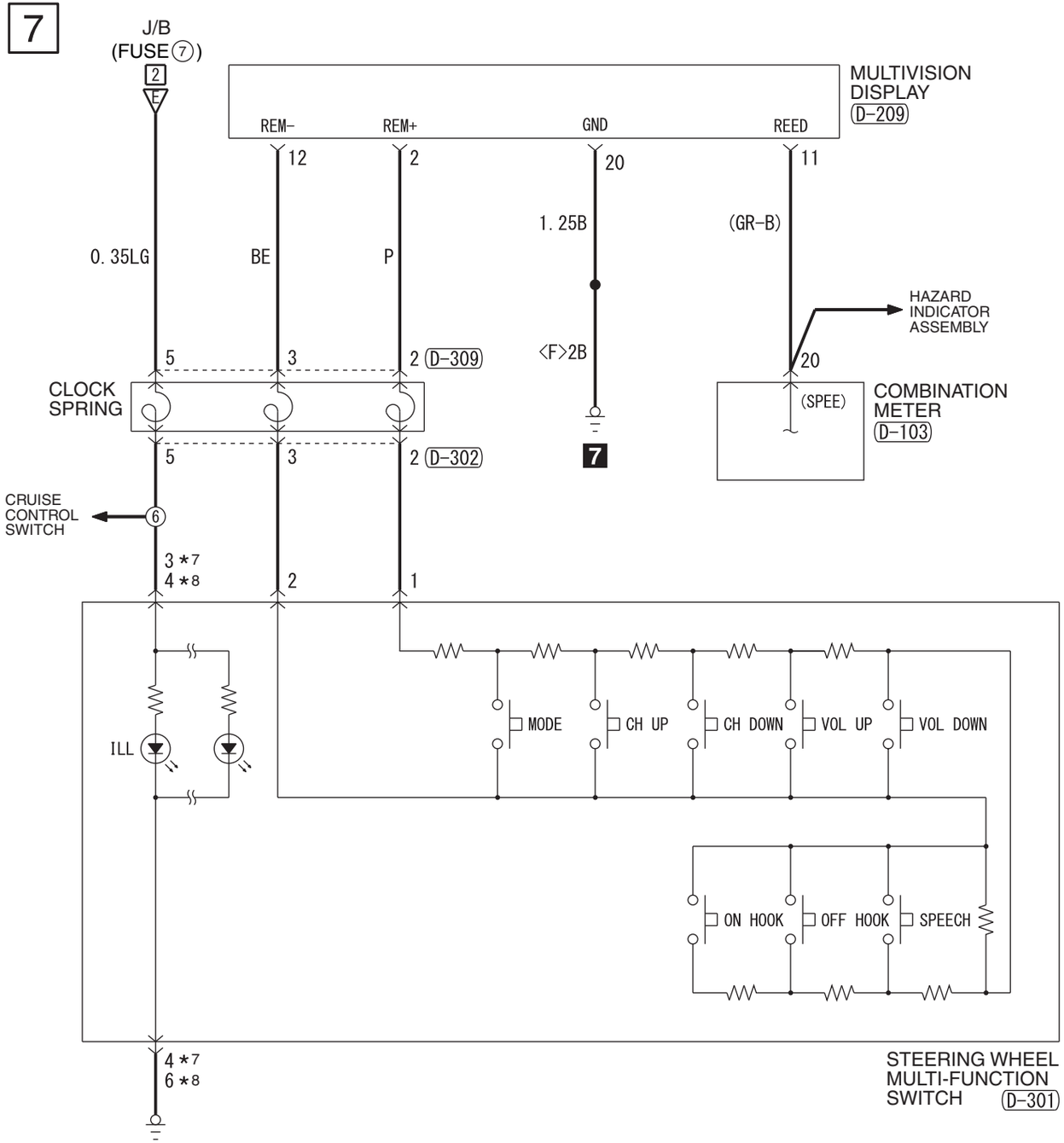
H-20 MU000889

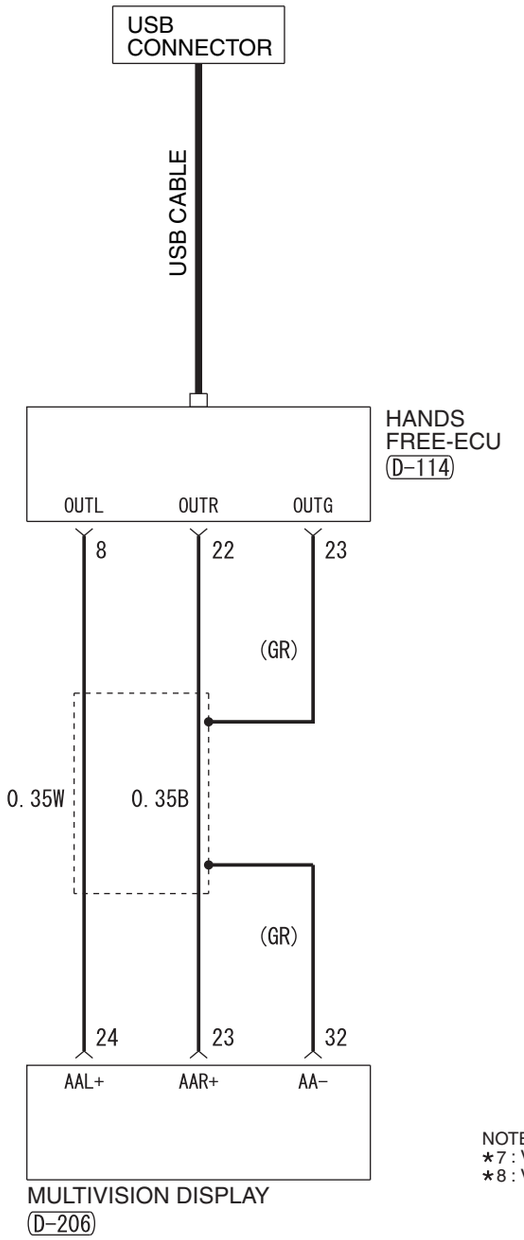


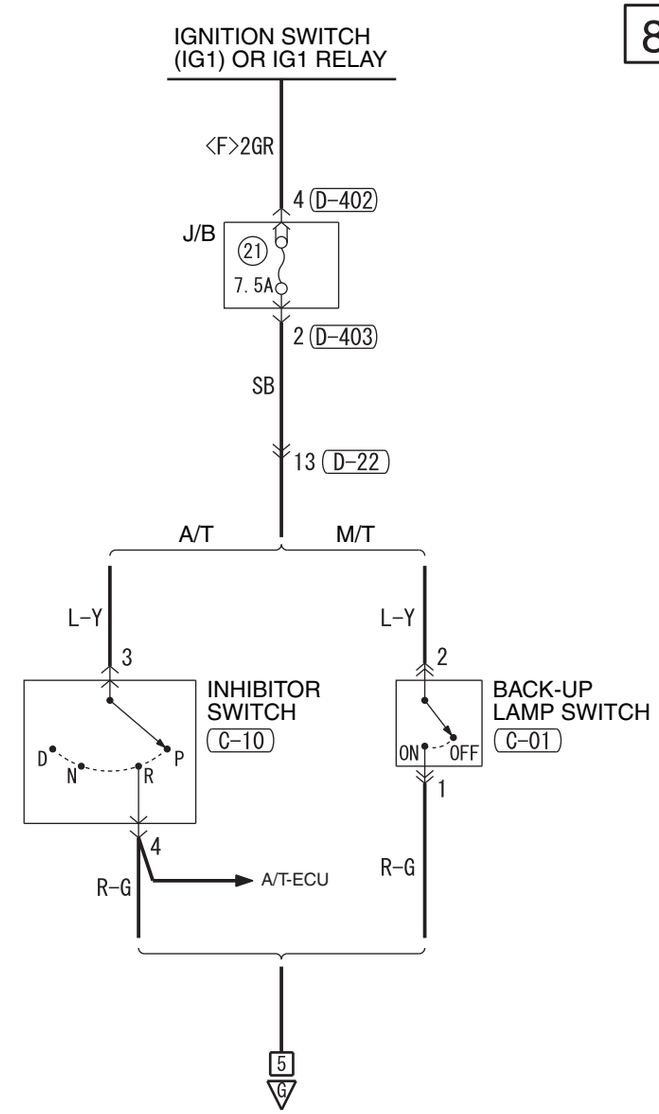
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E04CC

7



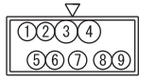




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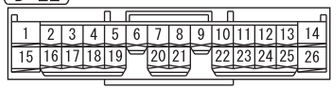
NOTE
*7 : VEHICLES WITH 3-SPOKE STEERING WHEEL
*8 : VEHICLES WITH 4-SPOKE STEERING WHEEL

C-01
MU802601

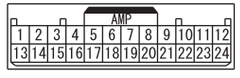


C-10

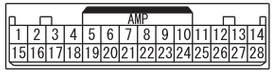
D-22



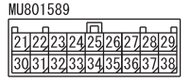
D-103



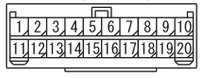
D-114



D-206
MU801589



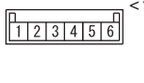
D-209
(MU801971)



D-301



<*7>



<*8>

D-302



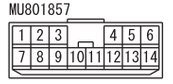
D-309



D-402
MU801331



D-403
MU801857

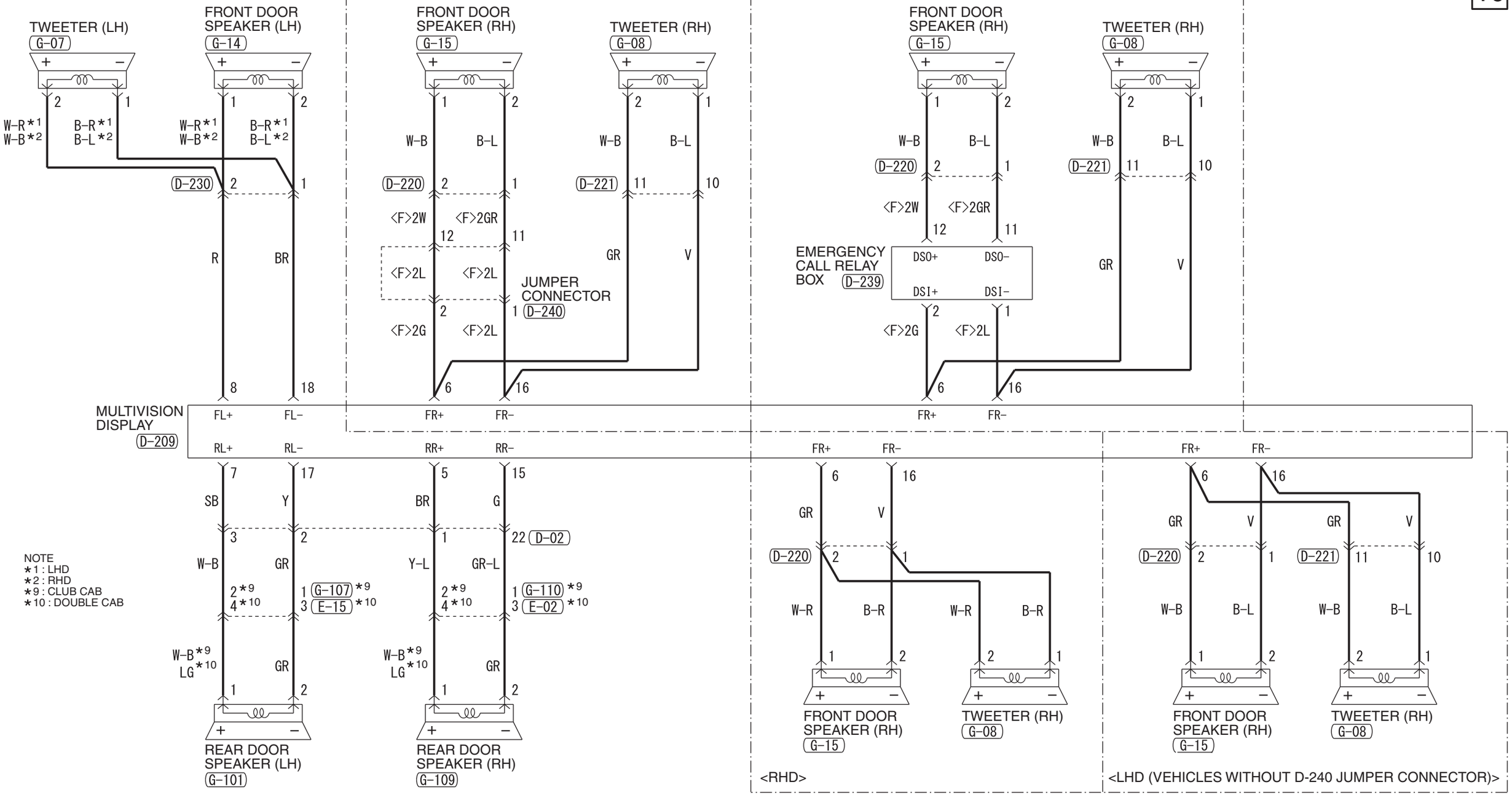


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

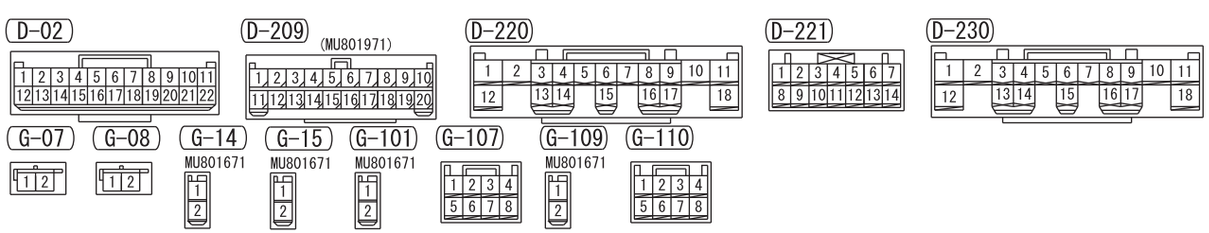
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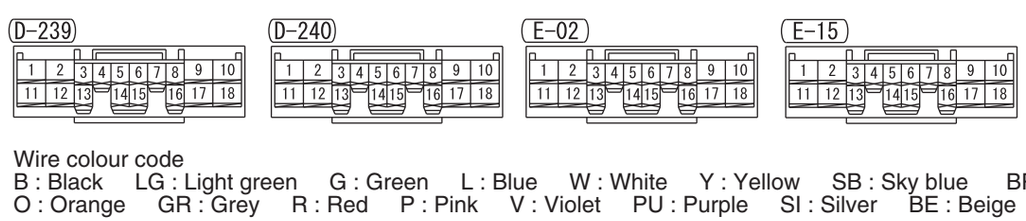
9

10



NOTE
*1 : LHD
*2 : RHD
*9 : CLUB CAB
*10 : DOUBLE CAB





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E04EC

11

<LHD>

12

COMBINATION METER
D-103

CPU

(CANL)

(CANH)

J/B
(FUSE ⑫)
2
F

15

14

<T>0. 35Y

<T>0. 35BE

13

2

J/C
(CAN1)
D-133

W-B

21

10

18

7

<T> (L-W)

<T> (BR-W)

<T>0. 35L

<T>0. 35SB

20

9

J/C
(CAN2)
D-112

16

14

6

DIAGNOSIS CONNECTOR
D-229

4

5

B-W

B-W

20

INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ENGINE-ECU
D-11

(CANL)

(CANH)

ASTC-ECU
A-02

CANL

CANH

109

108

4

16

<T>0. 35BR

<T>0. 35Y

<T>0. 35W

<T>0. 35LG

D-04

11

12

20

21

<T>0. 35G

<T>0. 35P

<T>0. 35L

<T>0. 35GR

21

10

16

5

14

3

<T>0. 35G

<T>0. 35P

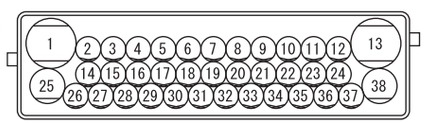
13

3

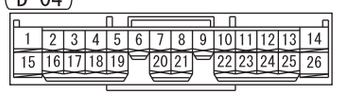
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MULTIVISION DISPLAY
D-209

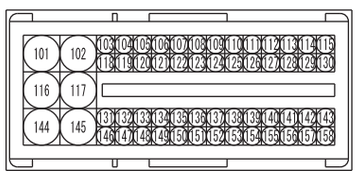
A-02



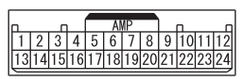
D-04



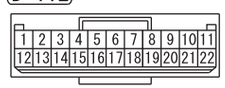
D-11



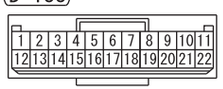
D-103



D-112

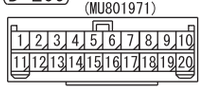


D-133



D-209

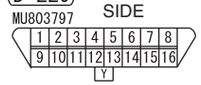
(MU801971)



D-229

FRONT SIDE

MU803797



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E04FC

13

<RHD>

INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

J/B (FUSE⑫)
2 F

MULTIVISION DISPLAY D-209
CAN− CAN+
13 3

COMBINATION METER D-103
CPU
(CANL) (CANH)
15 14

ASTC-ECU A-02
CANL CANH
4 16

<T>0.35G <T>0.35W <T>0.35Y <T>0.35BE <T>0.35W <T>0.35LG
<T>0.35L <T>0.35GR
20 21

W-B
12 1 16 5 14 3

J/C (CAN2) D-112
17 6 22 11

<T>(L-W) <T>(BR-W) <T>0.35G <T>0.35P

16 14 6

D-04 11 12

DIAGNOSIS CONNECTOR D-229
4 5

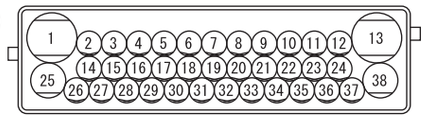
B-W B-W

<T>0.35BR <T>0.35Y
109 108

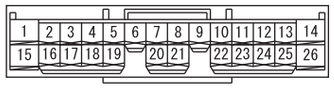
ENGINE-ECU D-11
(CANL) (CANH)

7

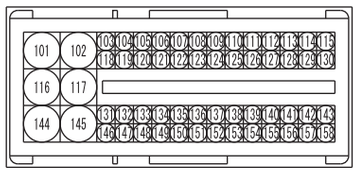
A-02



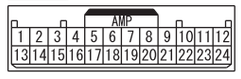
D-04



D-11



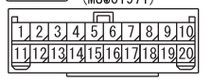
D-103



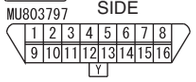
D-112



D-209 (MU801971)



D-229 FRONT SIDE MU803797



HHSQ0E04GC

One-touch start system

1

2

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(26) 20A

(13) 15A

2 (D-405)

0.35R

(3)

0.35R

10 12 (A)

0.35R

·A/C-ECU
·CLOCK
·COLUMN SWITCH
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

FUSIBLE LINK (5)

<F>15W

1 (A-119)

RELAY BOX

F12 15A

F13 10A

1.25G

2

STOP LAMP SWITCH (D-16)

OFF ON

1

·ASTC-ECU
·STOP LAMP RELAY

1.25W-B

13 (D-26)

ETACS-ECU

(LG-B)*1
LG-B*2

NOTE
*1 : LHD
*2 : RHD

0.35L

20 (D-25)

0.35P

5

3 4 2

0.35P 0.35P

4 (B)

10

IND (ORANGE)

IND (GREEN)

ILL

9 7 3

0.35GR 0.35BR 0.35V

0.35P

6

B

OFF ON OFF ON

4 2

0.35SB 0.35W

8

0.35B

11

B-W

22

B-W

18

<A/T>

10

SELECTOR LEVER ASSEMBLY (D-224)

P RANGE DETECTION SWITCH (WHEN THE SHIFT LEVER IS P RANGE: OFF)

ON OFF

9

(B-W)

20

J/C(4) (D-108)

B-W

P-B

37 32 21 (D-222) 10 2 3 (D-223) 45 49 23 (D-222) 11 (D-223) 46 (D-222)

KOS& OSS-ECU

IOD STP1 +B LEDA LEDG LEDW SW1 SW2 SGND PGND PDSW

(A-119) (1)

(D-16) MU801491

(D-25)

(D-26)

(D-108)

(D-201) (MU801514)

(D-222)

(D-223)

(D-224) MU801451

(D-405) MU801839

(D-409) (1)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E05AC

3

4

FUSIBLE LINK (SBF3)

3W

7 (D-407)

J/B

1 (D-402)

KOS& OSS-ECU (D-222)

IG1 44

ACC 42

IG2 27

PCK 22

LIN 52

PCO 39

3W 4

W 2

IG1 RELAY (D-135)

OFF ON

3 1

<F>2GR B

3W 4

V 2

ACC RELAY (D-134)

OFF ON

3 1

<F>2Y B

3W 4

P 2

IG2 RELAY (D-105)

OFF ON

3 1

<F>2R B

J/C(4) (FUSE (F13))

1 B

0.35G 0.35BR 0.35L 0.35P

3 8 6 1

PCK LIN PCO PWR PGND

ELECTRIC STEERING LOCK (D-307)

4

0.35B

<F>2B

4 3 6

J/B (D-402)

10 9 7

J/C(4) (D-108)

11

B-W

18

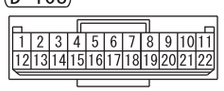
20 *1 7 *2

NOTE
*1 : LHD
*2 : RHD

(D-105)



(D-108)



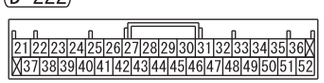
(D-134)



(D-135)



(D-222)



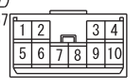
(D-307)



(D-402) MU801331



(D-407) MU801867



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E05BC

5

6

FUSIBLE LINK (5)

<F>15W

1 (A-119)

RELAY BOX

ENGINE CONTROL RELAY (A-113X)

OFF ON

3 2 4 1

F14 7.5A

3R 3R

F22 F23 20A

·AIR FLOW SENSOR
·AS&G-ECU
·EGR COOLER BYPASS CONTROL SOLENOID VALVE
·GLOVE CONTROL UNIT
·OIL FEEDER CONTROL VALVE <MIVEC>
·VARIABLE GEOMETRY CONTROL SOLENOID VALVE

1. 25P P-B V-W 1. 25P-B

KOS&OSS-ECU (D-222)

STO CLMS

25 31

0. 35LG 0. 35G

10 (D-04) 10 (D-25)

(G-W) P-B

·AS&G-ECU
·ENGINE-ECU

2

CLUTCH SWITCH (D-17)

ON OFF

1

B

1. 25B

<M/T>

2

<A/T>

L-W

(D-21) 8

R-B

1

INHIBITOR SWITCH (C-10)

D N R P

9

B-Y

9

V-W

9 (D-03)

LG

STARTER RELAY

<VEHICLES WITHOUT AS&G SYSTEM (M/T)>

2

CLUTCH INTERLOCK SWITCH (D-18)

ON OFF

1

(L-W) V-W

9 (D-03)

LG

STARTER RELAY

101 118 103 111 (D-11)

ENGINE-ECU

BAT1 C/R BACK ST

18 (D-09)

STRL

18 (D-09)

STRL

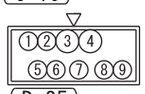
(A-113X)



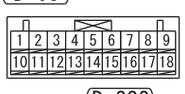
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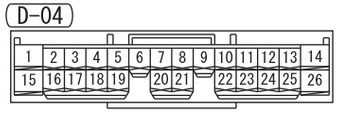
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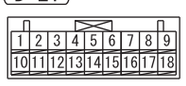
(D-03)



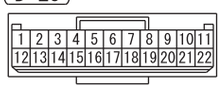
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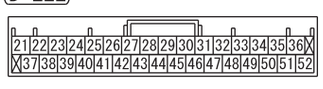
(D-21)



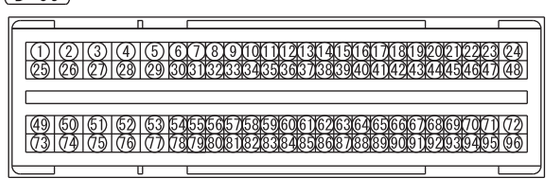
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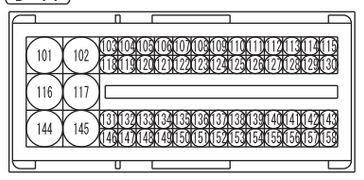
(D-222)



(D-09)



(D-11)



(D-17)

MU801669



(D-18)

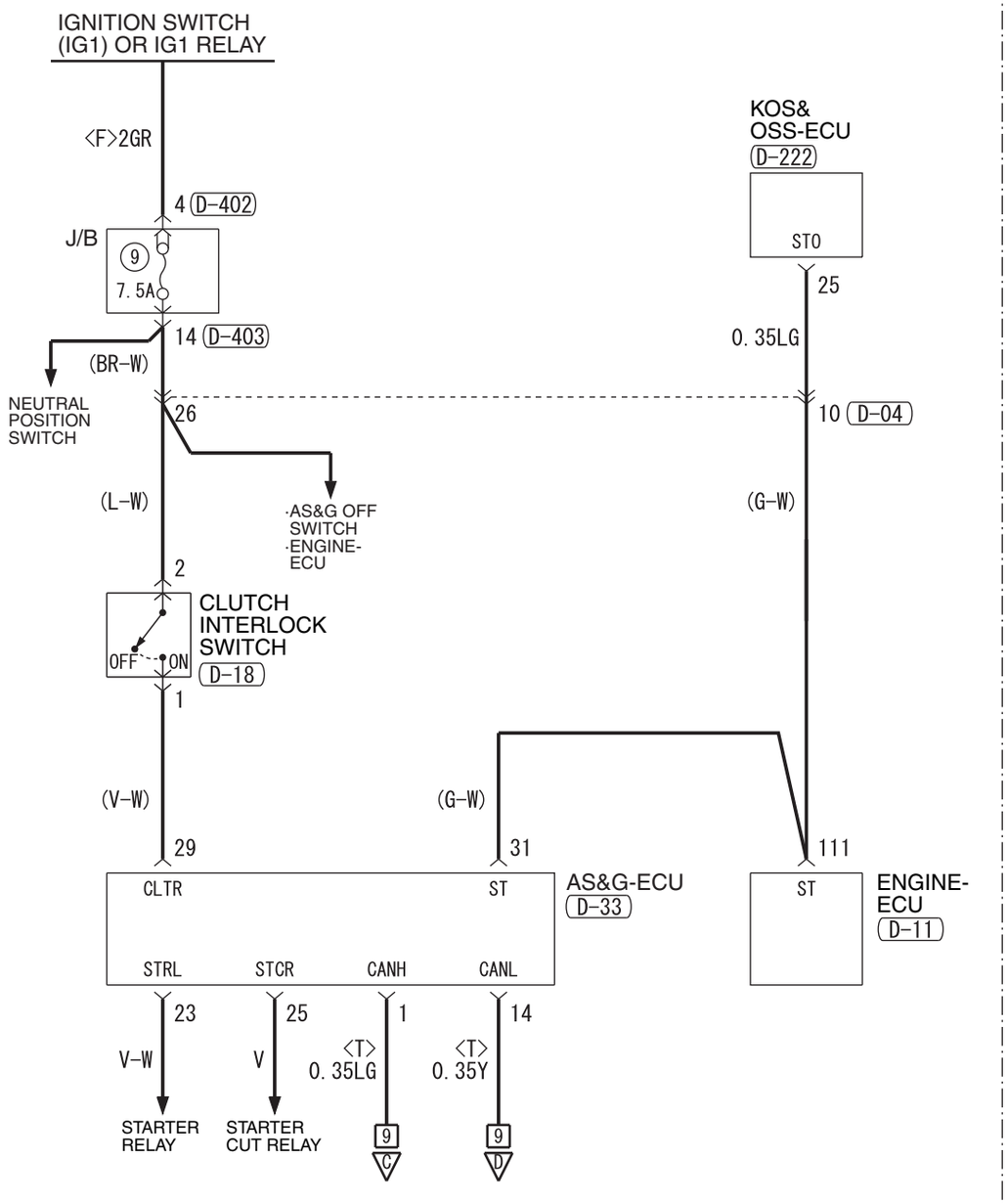
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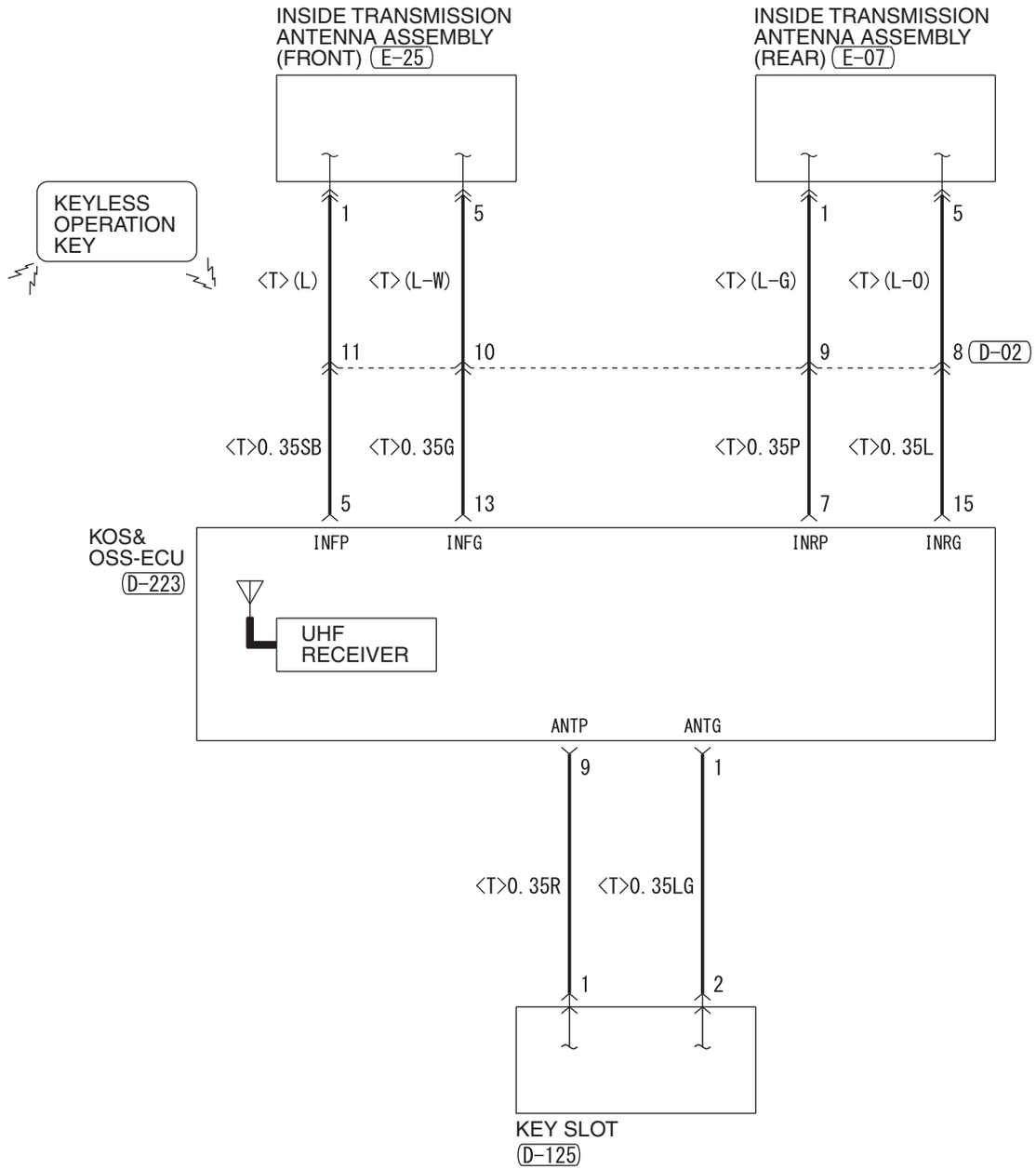
HHSR0E05CC

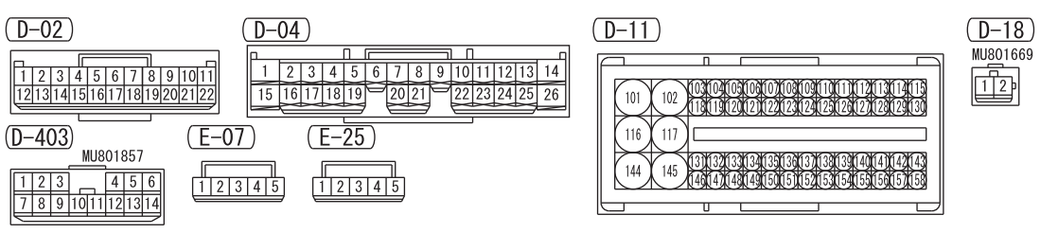
7

<VEHICLES WITH AS&G SYSTEM (M/T)>



8





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E05DC

9

<LHD>

FUSIBLE LINK (2)

10R

INPUT SIGNAL
·FRONT DOOR SWITCH
·REAR DOOR SWITCH <DOUBLE CAB>
·REAR DOOR LATCH <CLUB CAB>

1 (D-409)

J/B

(12)

15A

ETACS-ECU (D-415)

(CANH) (CANL)

56 65

13 (D-403)

<T>0.35W <T>0.35G

W-B

AS&G-ECU

7 C 7 D

<T>0.35LG <T>0.35Y

1 12 (D-25)

<T>0.35BR <T>0.35Y

8 19

11 22

J/C (CAN1) (D-133)

10 21

<T>(BR-W) <T>(L-W)

16 6 14

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

20

KOS& OSS-ECU (D-222)

CANH CANL

35 51

<T>0.35BE <T>0.35Y

8 19

9 20

<T>0.35SB <T>0.35L

7 18

ENGINE-ECU (D-11)

(CANH) (CANL)

108 109

<T>0.35Y <T>0.35BR

12 11

<T>0.35P <T>0.35G

10 21

INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANH CANL

16 4

<T>0.35LG <T>0.35W

21 20 (D-04)

<T>0.35GR <T>0.35L

5 16

J/C (CAN2) (D-112)

J/B (FUSE (13))

1 A

0.35R

1

A/T-ECU (D-24)

CANH CANL

24 16

<T>(R) <T>(B-W)

14 13 (D-20)

<T>0.35P <T>0.35G

1 12

INPUT SIGNAL
INHIBITOR SWITCH

COMBINATION METER (D-103)

15 14

<T>0.35Y <T>0.35BE

(CANL) (CANH)

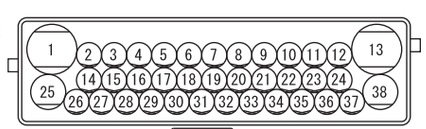
BUZZER

CPU

(B+B)

KOS ESL/SECURITY

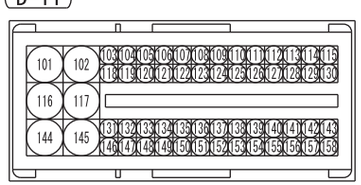
A-02



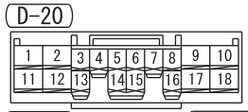
D-04



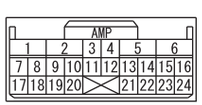
D-11



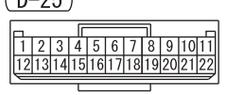
D-20



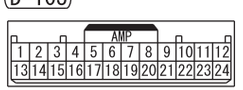
D-24



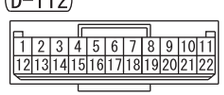
D-25



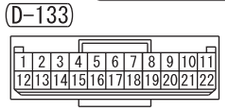
D-103



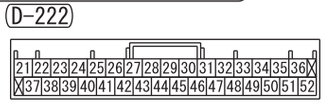
D-112



D-133



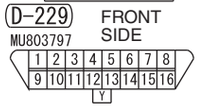
D-222



D-229

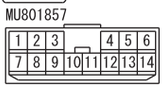
MU803797

FRONT SIDE



D-403

MU801857

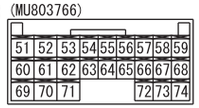


D-409

(1)

D-415

(MU803766)



HHSR0E05EC

<RHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

ENGINE-ECU (D-11)

(CANH) (CANL)

108 109

<T>0.35Y <T>0.35BR

12 11 (D-04)

<T>0.35P <T>0.35G

11 22

J/C (CAN2) (D-112)

6 17

<T>(BR-W) <T>(L-W)

16 6 14

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

7

KOS& OSS-ECU (D-222)

CANH CANL

35 51

<T>0.35BE <T>0.35Y

9 20

J/C (CAN1) (D-133)

7 18

<T>0.35SB <T>0.35L

10 21

3 14

<T>0.35GR <T>0.35L

21 20 (D-04)

<T>0.35LG <T>0.35W

16 4

ASTC-ECU (A-02)

CANH CANL

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

INPUT SIGNAL

·FRONT DOOR SWITCH
·REAR DOOR SWITCH

ETACS-ECU (D-415)

(CANH) (CANL)

56 65

<T>0.35W <T>0.35G

11 22

INPUT SIGNAL

INHIBITOR SWITCH

A/T-ECU (D-24)

CANH CANL

24 16

<T>(R) <T>(B-W)

14 13 (D-20)

<T>0.35P <T>0.35G

8 19

J/B (FUSE (13))

1

A

0.35R

1 (B+B)

16 5

<T>0.35Y <T>0.35BE

15 14

(CANL) (CANH)

COMBINATION METER (D-103)

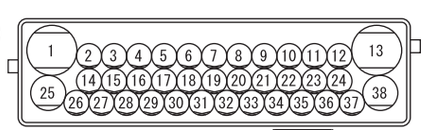
BUZZER

CPU

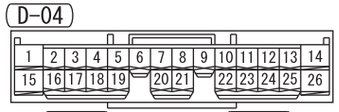
KOS

ESL/ SECURITY

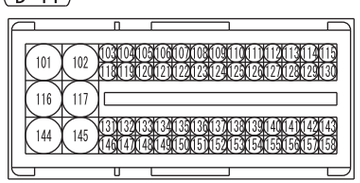
A-02



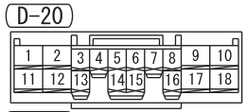
D-04



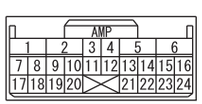
D-11



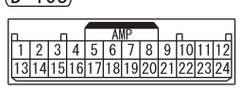
D-20



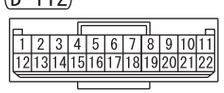
D-24



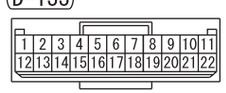
D-103



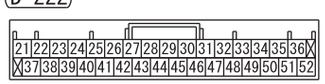
D-112



D-133



D-222



D-229

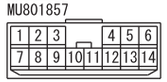
MU803797

FRONT SIDE



D-403

MU801857

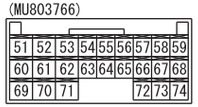


D-409

1

D-415

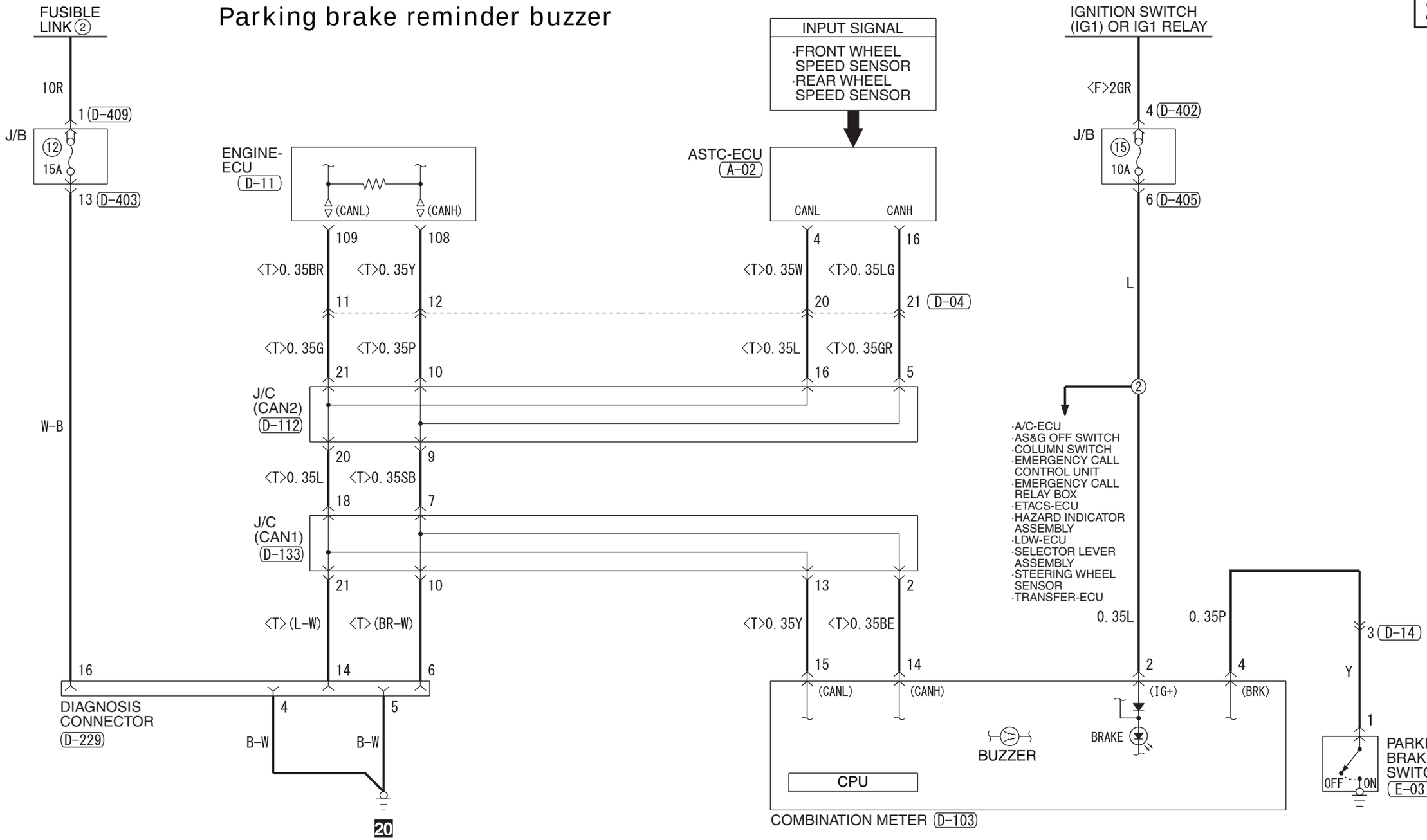
(MU803766)

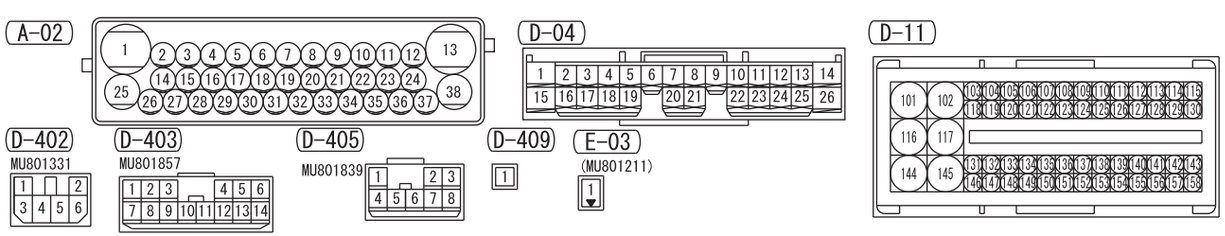


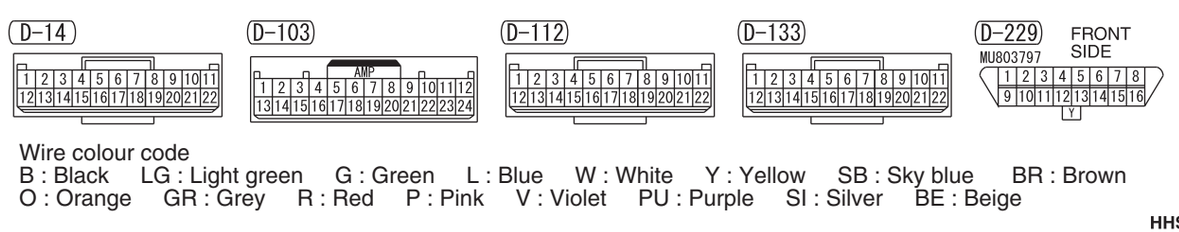
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow
SB : Sky blue BR : Brown O : Orange GR : Grey R : Red
P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E05FC

Parking brake reminder buzzer







Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

1

2

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

ENGINE-ECU (D-11)

(CANL)

(CANH)

109

108

<T>0.35BR

<T>0.35Y

11

12

<T>0.35G

<T>0.35P

22

11

J/C (CAN2) (D-112)

17

6

<T>(L-W)

<T>(BR-W)

16

14

6

DIAGNOSIS CONNECTOR (D-229)

4

5

B-W

B-W

7

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL

CANH

4

16

<T>0.35W

<T>0.35LG

20

21 (D-04)

<T>0.35L

<T>0.35GR

14

3

16

5

<T>0.35Y

<T>0.35BE

15

14

(CANL)

(CANH)

CPU

COMBINATION METER (D-103)

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 (D-402)

J/B

(15)

10A

6 (D-405)

L

(2)

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

0.35L

(P-B)

(P-B)

2

4

(IG+)

(BRK)

BRAKE

BUZZER

NO CONNECTION (D-247)

4

(P-B)

3 (D-14)

Y

1

PARKING BRAKE SWITCH (E-03)

OFF

ON

A-02

D-04

D-11

D-14

D-103

D-112

D-229

MU803797

FRONT SIDE

D-247

D-402

MU801331

D-403

MU801857

D-405

MU801839

D-409

E-03

(MU801211)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E21AF

Power distribution system

1

2

BATTERY

FUSIBLE LINK BOX CONNECTED DIRECTLY TO BATTERY POSITIVE TERMINAL

FUSIBLE LINK BOX CONNECTED DIRECTLY TO BATTERY POSITIVE TERMINAL

40B-Y

40B-R

40B-Y

14

13

STARTER

① 175A

② 100A

③ 120A

⑤ 120A

⑥ 60A

④ 60A

⑦ 60A

<F>10W

<F>10W

10R

10W

<F>15W

5R

3R

5R

3G

5G

ALTERNATOR

9 A

3 B

GLOW CONTROL UNIT

PTC HEATER RELAY A

ASTC-ECU

PTC HEATER RELAY C

PTC HEATER RELAY B

1 A-120

NOTE
*1 : HALOGEN TYPE HEADLAMP
*2 : DISCHARGE TYPE HEADLAMP

RELAY BOX

F5 10A

SBF1 30A

SBF2 30A

F6 15A

F7 10A

F8 20A

F10

W

3R

<F>2BR <LHD>
<F>2R <RHD>

1.25 R-W

0.85 R-W

BR

1.25R

4

HORN RELAY

F9 20A

F11 20A

FRONT FOG LAMP RELAY

DAYTIME RUNNING LAMP RELAY

NO CONNECTION A-106X

HEADLAMP RELAY (HI) A-110X

HEADLAMP RELAY (LO) A-109X

3 2 OFF ON 4

2 4 ON OFF 3

L

Y

1 1

1.25 Y-B

1.25 Y-B

HEADLAMP WASHER RELAY

ETACS-ECU

F3 10A

F4 10A

F1 15A

F2 15A

LG

0.75V

V

1.25BE

P

1.25P

<F>2R

<F>2L

TRANSFER-ECU

ASTC-ECU

·FRONT COMBINATION LAMP (LH) *2
·HEADLAMP (LH) *1

HEADLAMP (RH) *1

FRONT COMBINATION LAMP (RH) *2

·FRONT COMBINATION LAMP (LH) *2
·HEADLAMP (LH) *1
·HEADLAMP LEVELLING UNIT

HEADLAMP (RH) *1

FRONT COMBINATION LAMP (RH) *2

A-106X A-109X A-110X A-120

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSB0E00AC

3

4

FUSIBLE LINK (5)

1

B

<F>15W

1 (A-119)

RELAY BOX

NOTE
★3 : VEHICLES WITH AS&G SYSTEM

SBF3	SBF4	F12	F13	F14	F15	F16	F17	F18	F19	BF1	BF2	<★3>	F21	F24
40A	30A	15A	10A	7.5A	7.5A	15A	20A	20A	20A		30A			

<F>2W — STARTER CUT RELAY

3Y — POWER WINDOW RELAY

1.25L — A/C COMPRESSOR RELAY

3R — FUEL LINE HEATER RELAY

3W — DC/DC CONVERTER

ENGINE CONTROL RELAY (A-113X)
2, 3, 1, 4
ON OFF

3R — F22

3R — F23 20A

3W — 10 (C)

<F>2W — 11 (D)

<F>2Y — POWER WINDOW MAIN SWITCH

1.25G — STOP LAMP SWITCH

1.25G — STOP LAMP RELAY

0.35L — ·ELECTRIC STEERING LOCK ·ENGINE SWITCH ·KOS&OSS-ECU

V-W — ENGINE-ECU

0.35Y — ALTERNATOR

1.25GR — ETACS-ECU (TURN-SIGNAL LAMP FET)

1.25R — A/T-ECU

1.25R — A/T CONTROL RELAY

P-B — ENGINE-ECU

1.25P — ·AIR FLOW SENSOR ·AS&G-ECU ·EGR COOLER BYPASS CONTROL SOLENOID VALVE ·ENGINE-ECU ·FRONT OXYGEN SENSOR ·GLOW CONTROL UNIT ·OIL FEEDER CONTROL VALVE ·VARIABLE GEOMETRY CONTROL SOLENOID VALVE ·VEHICLE SPEED SENSOR

(A-113X)

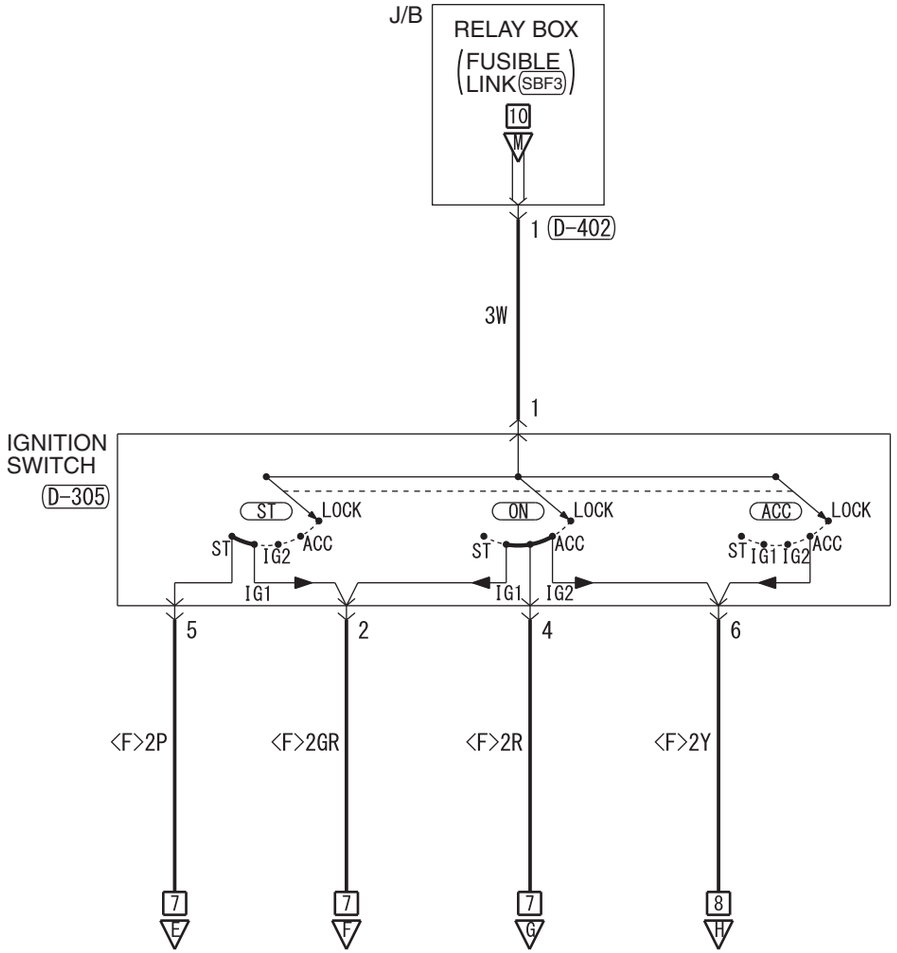

(A-119)


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSB0E00BC

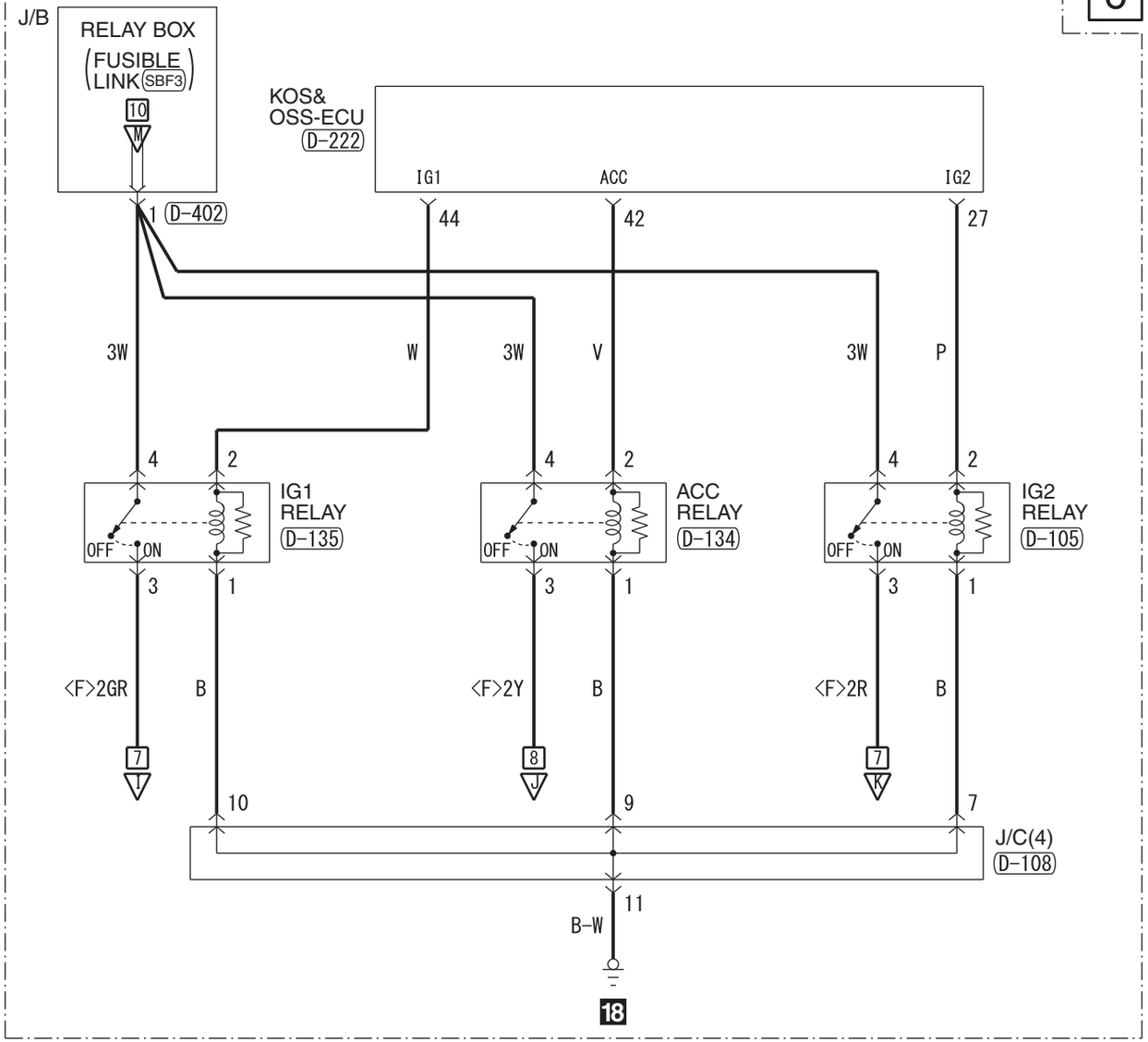
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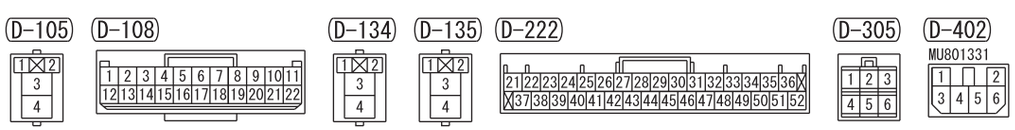
<VEHICLES WITHOUT KOS>



<VEHICLES WITH KOS>

6





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSB0E00CC

7

8

IGNITION SWITCH (ST)

IGNITION SWITCH (IG1)

IG1 RELAY

IGNITION SWITCH (IG2)

IG2 RELAY

IGNITION SWITCH (ACC)

ACC RELAY

NOTE
*4 : VEHICLES WITHOUT KOS
*5 : VEHICLES WITH KOS

<F>2P

<F>2GR

<F>2GR

<F>2R

<F>2R

<F>2Y

<F>2Y

*4 *5

*4 *5

*4 *5

2

4

6

3 D-402

J/B

4 7.5A
ENGINE-ECU
<VEHICLES WITHOUT KOS>

3 10A
·A/T CONTROL RELAY
·WATER LEVEL SWITCH

9 7.5A
·AS&G-ECU
·CLUTCH INTERLOCK SWITCH
<VEHICLES WITH AS&G SYSTEM>
·ENGINE-ECU
·FUEL PUMP RELAY
·NEUTRAL POSITION SWITCH

15 10A
·ASTC-ECU
·FUEL FILTER PRESSURE SWITCH
·SPARE CONNECTOR (FOR TRAILER)
·SRS-ECU
·STOP LAMP RELAY

21 7.5A
·BACK-UP LAMP SWITCH
·INHIBITOR SWITCH
·SRS-ECU

10 7.5A
ETACS-ECU

16 7.5A
9 L
·A/C COMPRESSOR RELAY
·BLOWER RELAY
·HEATED SEAT RELAY
·HEATER CONTROLLER ASSEMBLY
·PTC HEATER RELAY A, B AND C

2 15A
CIGARETTE LIGHTER

8 7.5A
REMOTE CONTROL MIRROR SWITCH

14

20 20A
·ETACS-ECU
·WINDSHIELD WASHER RELAY
·WIPER AUTOMATIC STOP RELAY
·WIPER SPEED SWITCHING RELAY
·WINDSHIELD WIPER MOTOR

25 10A
·ACCESSORY SOCKET RELAY
·CLOCK
·DC/DC CONVERTER
·ETACS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SELECTOR LEVER ASSEMBLY (P RANGE DETECTION SWITCH) <VEHICLES WITHOUT KOS (A/T)>
·SPARE CONNECTOR (FOR AUDIO)

L

6 D-405

2

(L-W)

2

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

NO CONNECTION
D-218

(B-L)

1 D-401

INSIDE REAR VIEW MIRROR ASSEMBLY

0.35G

9 D-406

1

J/C(2)
D-27

3

(G-W)

2

NO CONNECTION
A-106X

A-106X

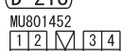


D-27



D-218

MU801452



D-401

MU801691



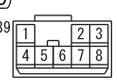
D-402

MU801331



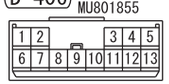
D-405

MU801839



D-406

MU801855



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSB0E00DC

9

10

NOTE
*1 : HALOGEN TYPE HEADLAMP
*2 : DISCHARGE TYPE HEADLAMP

FUSIBLE LINK (2) — 1 — A — 10R — 1 (D-409)

FUSIBLE LINK (SBF3) — 3 — C — 3W — 7 (D-407)

2 (D-419)

J/B

(5)
(6) 15A — ACCESSORY SOCKET RELAY
(11) 10A — REAR FOG LAMP RELAY
(12) 15A — ·DIAGNOSIS CONNECTOR ·ETACS-ECU ·DEAD LOCK RELAY ·DOOR LOCK /UNLOCK RELAY ·DOOR MIRROR UNFOLD/FOLD RELAY
(17) 20A — HEATED SEAT RELAY
(18) 10A
(22) 30A
(23) 30A — BLOWER RELAY
(24) 40A — POWER SEAT ASSEMBLY
(26) 20A — (13) 15A

FUSE (16) — 7 — 1 — 2

REAR WINDOW DEFOGGER RELAY (D-412) — 1 — 4 — 2 — 3 — ON OFF

(19) 7.5A

ETACS-ECU (D-404) — 20 — POWER SOURCE — (ETACS +B)

16 — (TAIL +B) — OFF / ON — (TAIL LAMP RELAY) — (TAIL LP)

15

(1) 7.5A — ·FRONT COMBINATION LAMP (POSITION:LH) *2 ·LICENCE PLATE LAMP ·POSITION LAMP (LH) *1 ·REAR COMBINATION LAMP (TAIL:LH)

(7) 7.5A — ·A/C-ECU ·AS&G OFF SWITCH ·ASC OFF SWITCH ·CLOCK ·CLOCK SPRING (CRUISE CONTROL SWITCH, STEERING WHEEL MULTI-FUNCTION SWITCH) ·COMBINATION METER ·DRIVE MODE-SELECTOR ·EMERGENCY CALL SWITCH ·FRONT COMBINATION LAMP (POSITION:RH) *2 ·GLOVE BOX LAMP ·HAZARD INDICATOR ASSEMBLY ·HAZARD WARNING LAMP SWITCH <RHD> ·HEADLAMP MANUAL LEVELLING SWITCH ·HEATER CONTROLLER ASSEMBLY ·LDW SWITCH ·MULTIVISION DISPLAY *1 ·POSITION LAMP (RH) ·RADIO AND CD PLAYER ·REAR COMBINATION LAMP (TAIL:RH) ·REAR DIFFERENTIAL LOCK SWITCH ·SELECTOR LEVER ASSEMBLY ·SPARE CONNECTOR (FOR AUDIO)

5 6 M

ETACS-ECU — 1 — 2 — 3 — ON OFF

ETACS-ECU

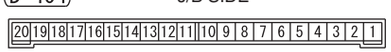
REAR WINDOW DEFOGGER

·DOOR MIRROR ASSEMBLY ·HEATER CONTROLLER ASSEMBLY

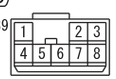
2 (D-405) — 0.35R

·A/C-ECU ·CLOCK ·COLUMN SWITCH ·COMBINATION METER ·DAB TUNER ·EMERGENCY CALL CONTROL UNIT ·FRONT ROOM LAMP ·HANDS FREE-ECU ·KEY REMINDER SWITCH ·KOS&OSS-ECU ·LIGHTING CONTROL SENSOR ·MULTIVISION DISPLAY ·RADIO AND CD PLAYER ·REAR ROOM LAMP ·SPARE CONNECTOR (FOR AUDIO)

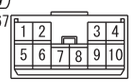
(D-404) J/B SIDE



(D-405) MU801839



(D-407) MU801867



(D-409)



(D-412)



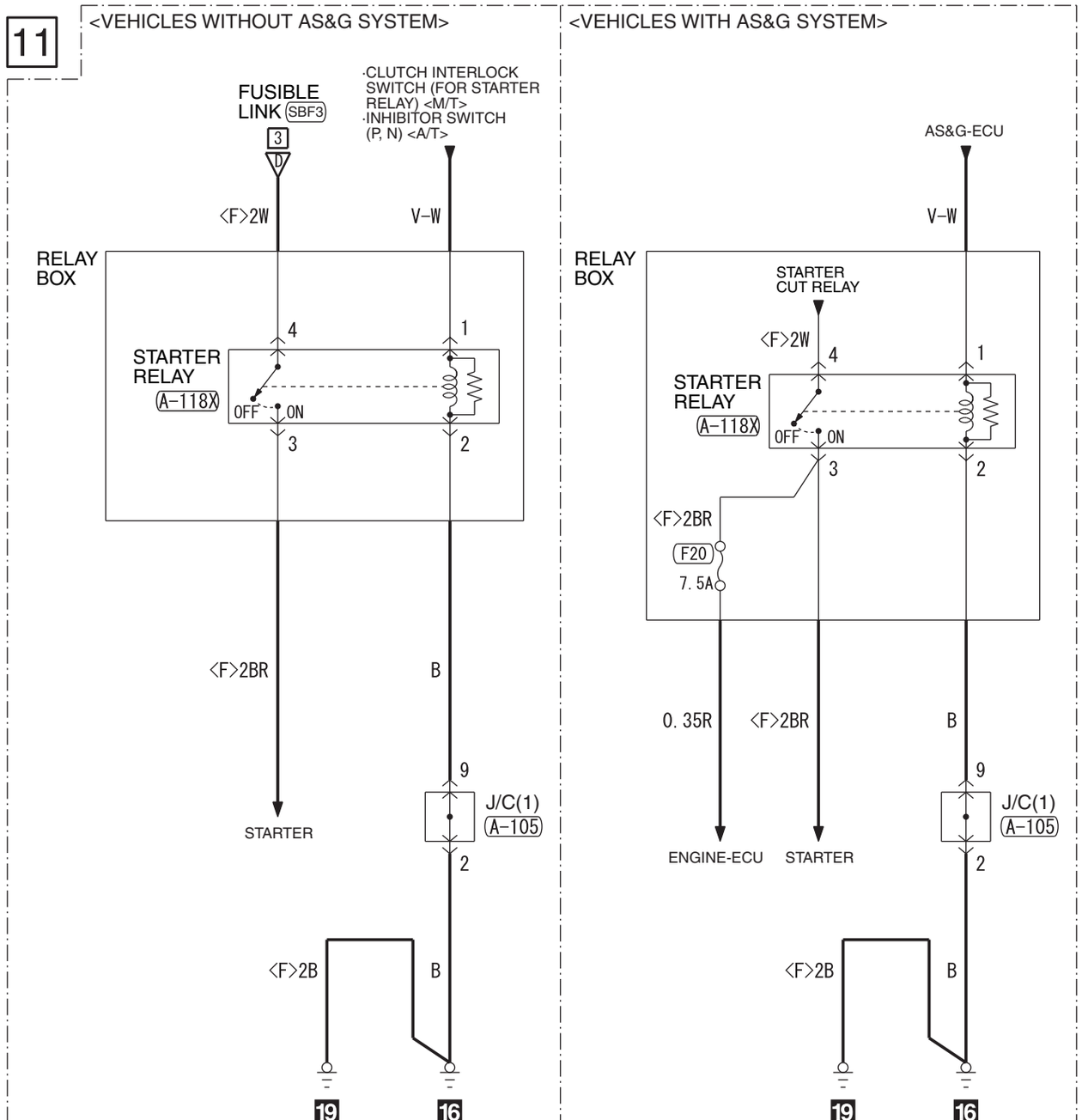
(D-419)

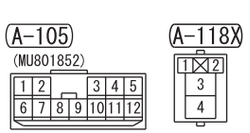


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSB0E00EC

11





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSB0E00FC

Power windows

1

2

FUSIBLE LINK (2)

J/B (FUSE (15))

IGNITION SWITCH (IG2) OR IG2 RELAY

IGNITION SWITCH (ACC) OR ACC RELAY

IGNITION SWITCH (IG1) OR IG1 RELAY

FUSIBLE LINK (5)

10R

0.35L

(W-B)

<F>2R

<F>2Y

(Y-B)

<F>2GR

GR

<F>15W

11 D-26

SB

1 D-409

7 D-405

6

3 D-402

6 D-403

4 D-402

1 A-119

RELAY BOX

J/B

(12) 15A

(26) 20A

(10) 7.5A

(25) 10A

(15) 10A

SBF4 30A

3Y

20 D-404

68 D-415

44 D-416

D-415 74

59

ETACS-ECU

(ETACS +B)

(IG1)

(IG2)

(ACCI)

(B.PW)

POWER SOURCE

1

4

POWER WINDOW RELAY A-114X

ON

OFF

2

3

(CANH)

(CANL)

GND (EARTH)

GND (SGND)

(ADSW)

(DDSW)

56

65 D-415

2 D-404

70

63

51

B

<F>2L

<F>2Y

13 D-403

12 D-403

0.35R

0.35LG

6 D-405

6

5 D-26

10

11 D-14

L

<F>2BR

<F>2G

*2 *1

*2 *1

6

J/C(1) A-105

W-B

<T>0.35W

<T>0.35G

1.25B

(BR-Y)

5 G-110

(B-R)

5 G-107

2

0.35L

*3

1

A

2

B

11

22

J/C(CAN1) D-133

10

21

<T>(BR-W)

<T>(L-W)

<F>2B

0.35B

3

<F>2BR

<F>2BR

<F>2BR

3

B

3

C

5

D

4

E

16

6

14

B-W

4

B-W

5

DIAGNOSIS CONNECTOR D-229

OFF

ON

FRONT DOOR SWITCH (PASSENGER'S SIDE) E-01 *2 G-105 *1

FRONT DOOR SWITCH (DRIVER'S SIDE) E-16 *2 G-112 *1

20

20

16

19

NOTE

*1 : CLUB CAB

*2 : DOUBLE CAB

*3 : ·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

A-105 (MU801852)

A-114X

A-119

D-14

D-26

D-133

D-229 MU803797 FRONT SIDE

D-402 MU801331

D-403 MU801857

D-404 J/B SIDE

D-405 MU801839

D-409

D-415 (MU803766)

D-416 (MU803765)

E-01 (MU801536)

E-16 (MU801536)

G-105 (MU801536)

G-107

G-110

G-112 (MU801536)

Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSM0E00AC

3

4

POWER WINDOW RELAY

2 B

2 C

<F> 2BR

<F> 2BR

RELAY BOX (FUSIBLE LINK SBF4)

2 E

<F>2G

14 D-231

2R

10

(+BP)

ILL

AUTO UP

UP

DOWN

AUTO DOWN

FRONT (DRIVER'S SIDE)

CPU

POWER WINDOW MAIN SWITCH G-03

FRONT (PASSENGER'S SIDE)

REAR (LH)

REAR (RH)

OFF

UP

DOWN

ON

POWER WINDOW LOCK SWITCH

UN LOCK

LOCK

(+B) (U. AS) (D. AS) (U. RL) (D. RL) (U. RR) (D. RR) (E) (VCC) (SEN2) (SEN1) (SGND) (MU) (MD)

16 15 14 2 1 9 8 7 4 5 13 6 12 11

2Y-G 2BR-Y 2L-Y 2G-W 2G-R 2R-W 2R-G 2B (Y-R) (R-L) (L-W) (B-W) 2R-B 2G-B

3 2 1 18 17 16 15 5 D-231

<F>2P <F>2Y <F>2L <F>2V <F>2R <F>2W <F>2B

3 2 1 D-221

5 F 5 G 5 H 5 I

<DOUBLE CAB>

2Y-G 2L-W 2L-Y

6 8 5

FRONT POWER WINDOW SUB SWITCH G-11

ON OFF ON OFF

UP DOWN

2R-B 7 2

2G-B 4 1

FRONT POWER WINDOW MOTOR (RH) G-10

M

<F>2B

20

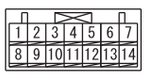
5 2 4 6 3 1

HALL IC HALL IC

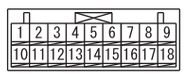
FRONT POWER WINDOW MOTOR (LH) G-05

M

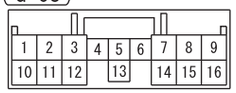
D-221



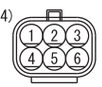
D-231



G-03



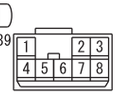
G-05 (MU802754)



G-10



G-11 MU801839



Wire colour code

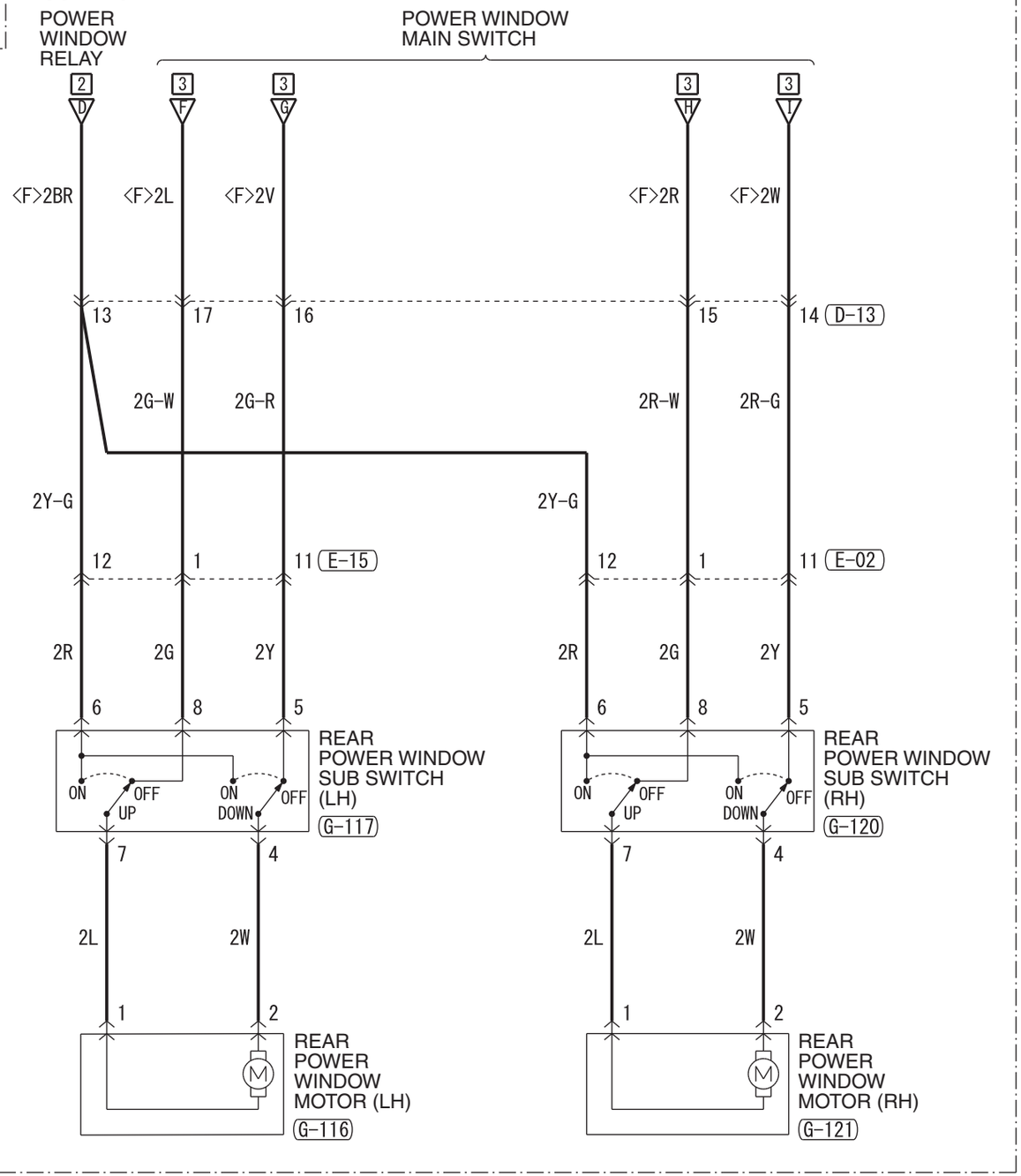
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown

O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

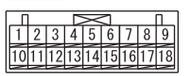
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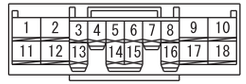
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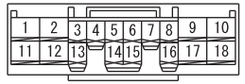
D-13



E-02



E-15

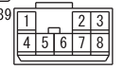


G-116



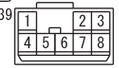
G-117

MU801839



G-120

MU801839



G-121



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSM0E00CC

1

2

FUSIBLE LINK (2)

J/B (FUSE (15))

IGNITION SWITCH (IG2) OR IG2 RELAY

IGNITION SWITCH (ACC) OR ACC RELAY

IGNITION SWITCH (IG1) OR IG1 RELAY

FUSIBLE LINK (5)

10R

0.35L

(W-B)

<F>2R

<F>2Y

(Y-B)

<F>2GR

GR

<F>15W

11 D-26

SB

1 D-409

7 D-405

6

3 D-402

6 D-403

4 D-402

1 A-119

RELAY BOX

J/B

12 15A

26 20A

10 7.5A

25 10A

15 10A

SBF4 30A

3Y

20 D-404

68 D-415

44 D-416

ETACS-ECU

D-415 74

59

1

4

POWER WINDOW RELAY A-114X

ON

OFF

2

3

(ETACS +B)

(IG1)

(IG2)

(ACCI)

(B.PW)

POWER SOURCE

(CANH)

(CANL)

GND (EARTH)

GND (SGND)

(ADSW)

(DDSW)

56

65 D-415

2 D-404

70

63

51

<F>2L

<F>2Y

6

5 D-26

13 D-403

12 D-403

0.35R

0.35LG

6 D-405

L

B

<T>0.35W

<T>0.35G

11

22

10

11 D-14

<F>2BR

<F>2G

*2

*1

J/C(CAN1) D-133

1.25B

(BR-Y)

5 G-107

(B-R)

5 G-110

6

J/C(1) A-105

W-B

7

18

<T>0.35SB

<T>0.35L

10

21

J/C(CAN2) D-112

6

17

<T>(BR-W)

<T>(L-W)

16

6

14

0.35L

*3

2

<F>2BR

<F>2BR

<F>2BR

<F>2BR

B

4

5

B-W

B-W

DIAGNOSIS CONNECTOR D-229

0.35B

<F>2B

3

OFF

ON

FRONT DOOR SWITCH (PASSENGER'S SIDE) E-01 *2 G-105 *1

FRONT DOOR SWITCH (DRIVER'S SIDE) E-16 *2 G-112 *1

7

20

16

19

NOTE
*1 : CLUB CAB
*2 : SINGLE CAB OR DOUBLE CAB
*3 : ·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·COMBINATION METER
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

A-105 (MU801852)

A-114X

A-119

D-14

D-26

D-112

D-405

MU801839

D-409

D-415 (MU803766)

D-416 (MU803765)

E-01 (MU801536)

E-16 (MU801536)

G-105 (MU801536)

D-133

D-229 FRONT SIDE MU803797

D-402 MU801331

D-403 MU801857

D-404 J/B SIDE

G-107

G-110

G-112 (MU801536)

HHC11E01AF

3

4

POWER WINDOW RELAY

RELAY BOX (FUSIBLE LINK SBF4)

POWER WINDOW MAIN SWITCH G-03

FRONT (PASSENGER'S SIDE) / REAR (LH) / REAR (RH)

UP / DOWN / OFF / ON

POWER WINDOW LOCK SWITCH

UN LOCK / LOCK

CPU

ILL

AUTO UP / UP / DOWN / AUTO DOWN

FRONT (DRIVER'S SIDE)

(+BP) 16 — 2R — 10 D-221 — <F>2G

(+B) 10 — 2Y-G — 3

(U. AS) 12 — 2BR-Y — 2

(D. AS) 11 — 2L-Y — 1

(U. RL) 2 — 2G-W — 14

(D. RL) 1 — 2G-R — 13

(U. RR) 9 — 2R-W — 12

(D. RR) 8 — 2R-G — 11

(E) 7 — 2B — 5 D-221

(VCC) 4 — (Y-R) — 5

(SEN2) 5 — (R-L) — 2

(SEN1) 13 — (L-W) — 4

(SGND) 6 — (B-W) — 6

(MU) 15 — 2R-B — 3

(MD) 14 — 2G-B — 1

<F>2BR — 3 — <F>2P — 3 — 2Y-G — 6

<F>2BR — 2 — <F>2Y — 2 — 2L-W — 8

1 D-231 — 2L-Y — 5

<F>2L — 5 F

<F>2V — 5 G

<F>2R — 5 H

<F>2W — 5 I

<DOUBLE CAB>

<F>2B — <F>2B — 7

FRONT POWER WINDOW SUB SWITCH G-11

ON / OFF / UP / DOWN

2R-B — 7 — 2

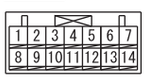
2G-B — 4 — 1

FRONT POWER WINDOW MOTOR (LH) G-04

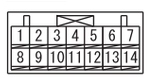
HALL IC / HALL IC

FRONT POWER WINDOW MOTOR (RH) G-17

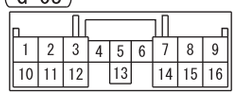
D-221



D-231



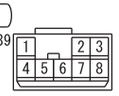
G-03



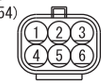
G-04



G-11 MU801839



G-17 (MU802754)

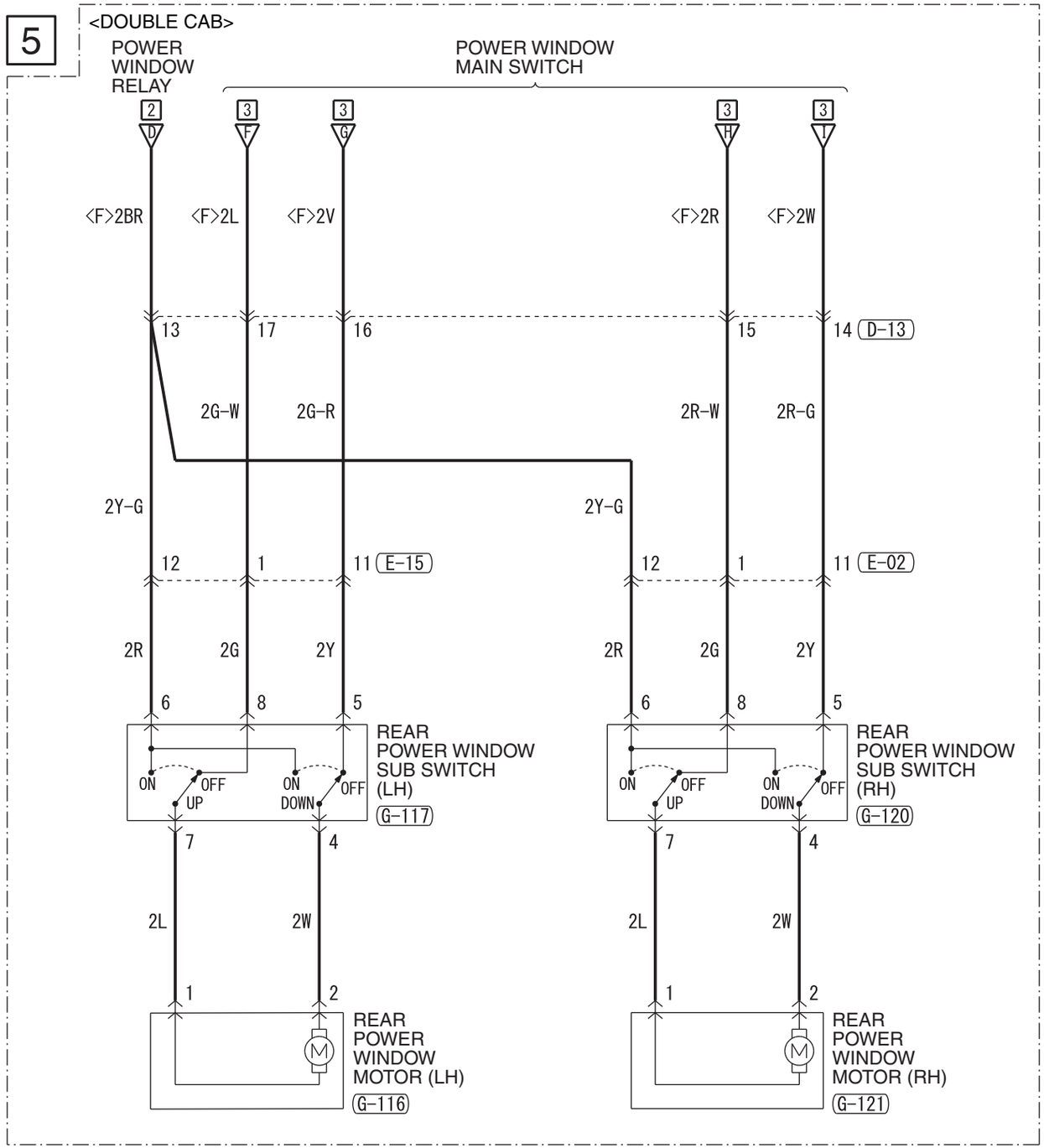


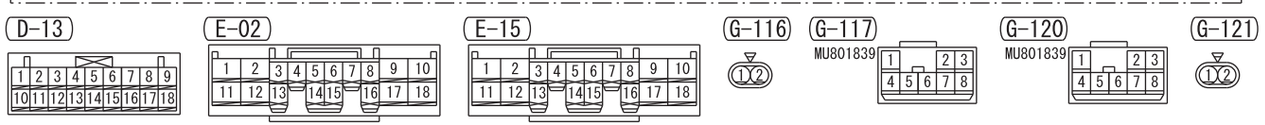
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC11E01BC

5

<DOUBLE CAB>





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC11E01CC

PTC heater

1

FUSIBLE LINK (7)

FUSIBLE LINK (6)

IGNITION SWITCH (IG2) OR IG2 RELAY

<F>2R

6 (D-402)

J/B

(16) 7.5A

5 (D-405)

(BR-W)

HEATER CONTROLLER ASSEMBLY

2 (D-05)

3G W 3R W 5G W

PTC HEATER RELAY C (A-128X)

PTC HEATER RELAY A (A-126X)

PTC HEATER RELAY B (A-127X)

OFF ON

Y L R

3L 3W 3Y

1 2 3 (D-32)

PTC HEATER

1 2 (D-31)

3B 3B

26

2

PTC HEATER RELAY C

PTC HEATER RELAY A

PTC HEATER RELAY B

INPUT SIGNAL

ENGINE COOLANT TEMPERATURE SENSOR

Y L R

47 43 44 (D-09)

HTR3 HTR1 HTR2

PTCS

ENGINE-ECU

0.35SB

125 (D-11)

17 (D-04)

VEHICLES WITH HEATER OR MANUAL AIR CONDITIONER

VEHICLES WITH AUTOMATIC AIR CONDITIONER

SB 4

SB 9

HEATER CONTROLLER ASSEMBLY (D-107)

MAX HOT SWITCH

ON OFF

A/C-ECU (D-106)

HTR

10

P

6

BLOWER SWITCH (D-119)

3 2 1 4 OFF

3

<F>2B

<F>2B

20

A-126X A-127X A-128X D-04 D-05

D-106 D-107 D-119 D-402 MU801331 D-405 MU801839

D-09 D-11 D-31 MU801382 D-32 (MU801380)

HHC12E00AC

Radio and cd player

1

<VEHICLES WITH AS&G SYSTEM>

IGNITION SWITCH (ACC) OR ACC RELAY

FUSIBLE LINK ⑤

<F>2Y

3 D-402

<F>15W

1 A-119

J/B

25 10A

RELAY BOX

BF2 30A

·CLOCK
·ETACS-ECU
·SELECTOR LEVER ASSEMBLY

6 D-403

Y-B

3W

7 D-26

V

DC/DC CONVERTER D-34

6

9

IGN

PWR

GND DCCT OUT2 OUT1

10 5 8 7

3B R 1.25W-B*1 2W-B*2 1.25R-W

AS&G-ECU

1 2 D-26

(W-B)*1 W-B*2 W-B

3 A 6 B

HANDS FREE-ECU

19

<F>2Y 1.25W-B

1 10

ACC +B

RADIO AND CD PLAYER D-208

<VEHICLES WITHOUT AS&G SYSTEM>

IGNITION SWITCH (ACC) OR ACC RELAY

<F>2Y

3 D-402

25 10A

26 20A

13 15A

ETACS-ECU (TAIL LAMP RELAY)

7 7.5A

FUSIBLE LINK ②

10R

1 D-409

J/B

12 15A

4 2 1 D-405 13 D-403

0.85G*1 <F>2G*2 0.35R 0.35LG W-B

*3 *4

R 0.35LG

5 E 9 11 F

12 18 D-26

0.85W*1 1.25W*2 R

(W-B)*1 W-B*2 W-B

3 C 6 D

HANDS FREE-ECU

LHD RHD

0.35LG 12 J/C(3) D-104 21 0.35LG

0.35LG

<F>2Y 1.25W-B

1 10 9

ACC +B ILL+

COMBINATION METER (PWM)

0.35L 11 J/C(3) D-104 10 0.35L 19

ILL-

<VEHICLES WITHOUT HANDS-FREE INTERFACE SYSTEM>

USB CONNECTOR

USB CABLE

2

NOTE
*1 : LHD
*2 : RHD
*3 : ·A/C-ECU
·CLOCK
·COLUMN SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·KEY REMINDER SWITCH
·KOS&OSS-ECU
*4 : ·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HAZARD WARNING LAMP SWITCH <RHD>
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY

A-119 1

D-26 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

D-34 1 2 3 4 5 6 7 8 9 10

D-104 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

D-208 (MU801971) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

D-402 MU801331 1 2 3 4 5 6

D-403 MU801857 1 2 3 4 5 6 7 8 9 10 11 12 13 14

D-405 MU801839 1 2 3 4 5 6 7 8

D-409 1

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E02AC

3

4

DC/DC CONVERTER

J/B (FUSE ⑬)

NOTE
*1 : LHD
*2 : RHD
*5 : VEHICLES WITH AS&G SYSTEM
*6 : VEHICLES WITHOUT AS&G SYSTEM

<SINGLE CAB>

<CLUB CAB, DOUBLE CAB>

<VEHICLE WITH DAB TUNER>

ROOF ANTENNA

PILLAR ANTENNA

ANTENNA BASE

1 I-01

ANTENNA FEEDER CABLE

ANTENNA FEEDER CABLE

ANTENNA FEEDER CABLE

*5 *6

(W-B) *1
W-B *2

1

+B

DAB TUNER D-130

IEH IEL ACC TIR+ TIR- TIL+ TIL- TSHG GND

4 11 2 14 13 6 7 5 8

<T>0.35BE

<T>0.35Y

3 *1
2 *2

J/C(7) D-213

J/C(8) D-214

1 2 *1
3 *2

<T>
0.35Y *1
<T>
0.35BE *2

<T>
0.35LG *1
<T>
0.35Y *2

HANDS FREE-ECU

HANDS FREE-ECU

1 D-217

W

14 D-208

0.35BE

0.35Y

BR-W

0.35G

0.35B

0.35R

0.35W

(GR)

B

(GR)

<F>2B

7 *1 20 *2

HANDS FREE-ECU

29 38 28 26 35 27 36 37 D-205

ANT IEH IEL AMPO TIR+ TIR- TIL+ TIL- <NO CONNECTION>

RADIO AND CD PLAYER

D-130 MU801586

D-205 MU801589

D-208 (MU801971)

D-213

D-214

D-217 MU801665

I-01 MU801666

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E02BC

5

J/B
(FUSE ⑦)
2
E

RADIO AND
CD PLAYER
(D-208)

REM− REM+ GND REED

12 2 20 11

0.35LG BE P 1.25B (GR-B)

5 3 2 (D-309)

CLOCK
SPRING

5 3 2 (D-302)

CRUISE
CONTROL
SWITCH
⑥

<F>2B

7

HAZARD
INDICATOR
ASSEMBLY

20

(SPEE)

COMBINATION
METER
(D-103)

3 *7
4 *8

2 1

ILL

MODE CH UP CH DOWN VOL UP VOL DOWN

ON HOOK OFF HOOK SPEECH

<VEHICLES WITH HANDS-FREE
INTERFACE SYSTEM>

4 *7
6 *8

STEERING WHEEL
MULTI-FUNCTION
SWITCH (D-301)

NOTE
*1 : LHD
*2 : RHD
*5 : VEHICLES WITH AS&G SYSTEM
*6 : VEHICLES WITHOUT AS&G SYSTEM
*7 : VEHICLES WITH 3-SPOKE STEERING WHEEL
*8 : VEHICLES WITH 4-SPOKE STEERING WHEEL

6

<DISPLAY AUDIO>

DC/DC
CONVERTER
1
B

J/B
(FUSE ⑬)
2
D

*5 *6

REAR VIEW CAMERA

W-B Y *1 Y-B *2 BR *1 BR-W *2 BE *1 LG *2 0.35B *1 (B) *2 (GR)

44 41 45 42 46 47

<NO
CONNECTION>

CACC CGND CDET CMP+ CMP−

<NO
CONNECTION>

REV

48 43

B (V-W)

<F>2B

7

·INHIBITOR
SWITCH <A/T>
·BACK-UP LAMP
SWITCH <M/T>

RADIO AND
CD PLAYER
(D-211)

<VEHICLES WITH HANDS-FREE
INTERFACE SYSTEM>

USB
CONNECTOR

USB CABLE

HANDS
FREE-ECU
(D-114)

OUTL OUTR OUTG

8 22 23

(GR)

0.35W 0.35B

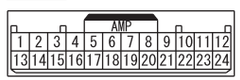
(GR)

24 23 32

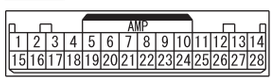
AAL+ AAR+ AA−

RADIO AND CD PLAYER
(D-205)

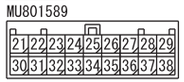
(D-103)



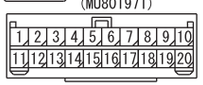
(D-114)



(D-205)



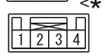
(D-208)



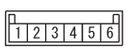
(D-211)



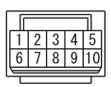
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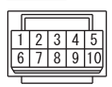
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(D-302)



(D-309)



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E02CC

7

8

<VEHICLES WITH TWEETER>

TWEETER (LH) G-07

FRONT DOOR SPEAKER (LH) G-14

W-R*1 W-B*2 B-R*1 B-L*2

D-230

R BR

MULTIVISION DISPLAY D-209

FL+ FL− RL+ RL− 7 17 SB Y

REAR DOOR SPEAKER (LH) G-101

<LHD (VEHICLES WITH D-240 JUMPER CONNECTOR)>

FRONT DOOR SPEAKER (RH) G-15

W-B B-L

D-220

<F>2W <F>2GR <F>2L <F>2G <F>2L

JUMPER CONNECTOR D-240

RR+ RR− 5 15 BR G

Y-L GR-L

D-02 22

G-107*9 E-15*10

G-110*9 E-02*10

W-B*9 LG*10 GR

REAR DOOR SPEAKER (RH) G-109

<VEHICLES WITH TWEETER>

TWEETER (RH) G-08

D-221

GR V

<VEHICLES WITH ERA-GLONASS SYSTEM>

EMERGENCY CALL RELAY BOX D-239

DSO+ DSO− DSI+ DSI−

FR+ FR− 6 16

<RHD>

FRONT DOOR SPEAKER (RH) G-15

TWEETER (RH) G-08

<VEHICLES WITH TWEETER>

<LHD (VEHICLES WITHOUT D-240 JUMPER CONNECTOR)>

NOTE
*1 : LHD
*2 : RHD
*9 : CLUB CAB
*10 : DOUBLE CAB

D-02 D-209 (MU801971) D-220 D-221 D-230 D-239 D-240 E-02 E-15

G-07 G-08 G-14 G-15 G-101 G-107 G-109 G-110

MU801671

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E02DC

9

<LHD>

10

COMBINATION METER
D-103

CPU

(CANL) (CANH)

15 14

<T>0.35Y <T>0.35BE

13 2

J/C (CAN1)
D-133

21 10 18 7

<T>(L-W) <T>(BR-W) <T>0.35L <T>0.35SB

20 9

J/C (CAN2)
D-112

16 14 6

DIAGNOSIS CONNECTOR
D-229

4 5

B-W B-W

20

J/B
(FUSE ⑫)

2 F

W-B

INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ENGINE-ECU
D-11

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

D-04 11 12

<T>0.35G <T>0.35P

21 10

ASTC-ECU
A-02

CANL CANH

4 16

<T>0.35W <T>0.35LG

20 21

<T>0.35L <T>0.35GR

16 5

14 3

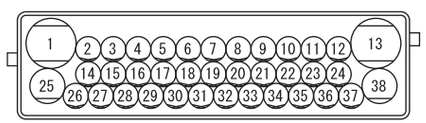
<T>0.35G <T>0.35P

13 3

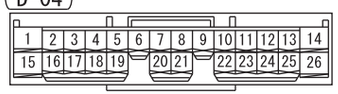
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RADIO AND CD PLAYER
D-208

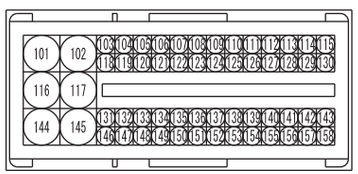
A-02



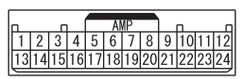
D-04



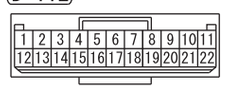
D-11



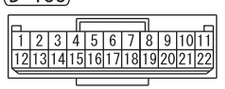
D-103



D-112

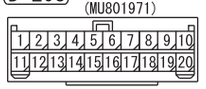


D-133



D-208

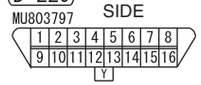
(MU801971)



D-229

MU803797

FRONT SIDE



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E02EC

11

<RHD>

INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

J/B (FUSE⑫)
2
F

RADIO AND CD PLAYER D-208

COMBINATION METER D-103

CPU

ASTC-ECU A-02

<NO CONNECTION>

(CANL) (CANH)

CANL CANH

13 3 15 14 4 16

<T>0.35W <T>0.35LG

<T>0.35G <T>0.35W <T>0.35Y <T>0.35BE

20 21

<T>0.35L <T>0.35GR

W-B

12 1 16 5 14 3

J/C (CAN2) D-112

17 6 22 11

<T>(L-W) <T>(BR-W) <T>0.35G <T>0.35P

16 14 6 D-04 11 12

DIAGNOSIS CONNECTOR D-229

4 5

<T>0.35BR <T>0.35Y

B-W B-W

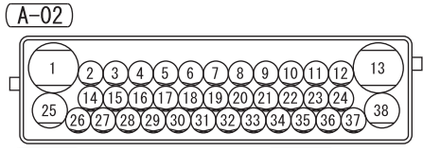
109 108

(CANL) (CANH)

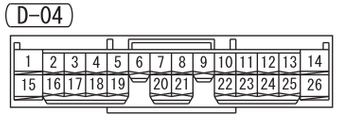
7

ENGINE-ECU D-11

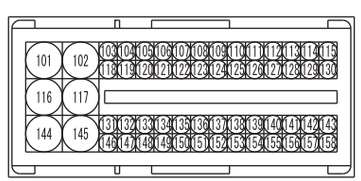
A-02



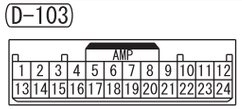
D-04



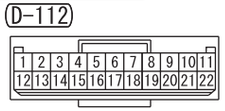
D-11



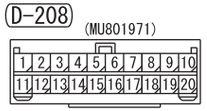
D-103



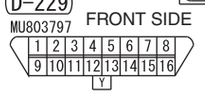
D-112



D-208 (MU801971)



D-229 MU803797 FRONT SIDE



HHSQ0E02FC

Rear differential lock system

1

2

FUSIBLE LINK (SBF1)

IGNITION SWITCH (IG1) OR IG1 RELAY

NOTE
*1 : LHD
*2 : RHD

INPUT SIGNAL
TRANSFER ACTUATOR

RELAY BOX
F9 20A

J/B (15) 10A

3R
<F>2R
14 (D-04)
<F>2R
32

<F>2GR
4 (D-402)
6 (D-405)
L
0.35L
3 4 A
2
0.35L
37 (D-132)

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR

J/B (D-405)
ETACS-ECU (TAIL LAMP RELAY)
7
7.5A
1
0.35LG
5
0.35LG
12
J/C(3) (D-104)
17 *1
19 *2
0.35LG

·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HAZARD WARNING LAMP SWITCH <RHD>
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATER CONTROLLER ASSEMBLY
·HEATED SEAT SWITCH
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL MULTI-FUNCTION SWITCH

TRANSFER-ECU

+B1
IG
GND1
CANL
CANH
DSL+
DSL-
DSW
DON
DOFF

31
55
56
33
34
23
21
22 (D-131)

<F>2B
<T>0.35G
<T>0.35SB
G
P
BR
BR-W
(W-B)
0.35LG

3 4 B
3 4 C

3
2
25 (D-22)
(G)
2 (H-23)
B
2

R
B
2 (H-28)
B
2 (H-25)
W
1
1

REAR DIFFERENTIAL LOCK SOLENOID

REAR DIFFERENTIAL LOCK DETECTION SWITCH (H-24)
OFF ON
1
W
1
B

W-B
BR-W
4
6
NO CONNECTION (D-218)

10
15
ON
OFF
13
ILL
REAR DIFFERENTIAL LOCK SWITCH (D-123)

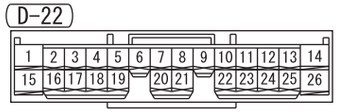
14
B
<F>2B

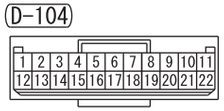
12
0.35L
1
J/C(3) (D-104)
11
0.35L

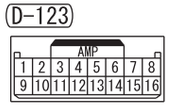
20 *1 7 *2
21
20

COMBINATION METER (PWM)

D-04

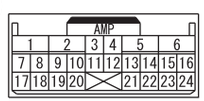

D-22


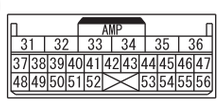
D-104


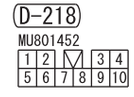
D-123


H-25 MU802601

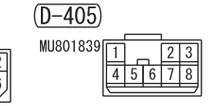

H-28 MU802601


D-131


D-132


D-218 MU801452


D-402 MU801331


D-405 MU801839


H-23 MU802661


H-24 MU802661


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E10AC

3

<LHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL CANH

4 16

<T>0.35W <T>0.35LG

20 21 (D-04)

<T>0.35L <T>0.35GR

16 5

J/C(CAN2) (D-112)

20 9

<T>0.35L <T>0.35SB

18 7

J/C (CAN1) (D-133)

21 10

<T>(L-W) <T>(BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

20

TRANSFER-ECU

1 B 1 C

<T>0.35G <T>0.35SB

15 4

13 2

<T>0.35Y <T>0.35BE

15 14 2

(CANL) (CANH) (IG+)

REAR DIFF LOCK

CPU

COMBINATION METER (D-103)

J/B (FUSE (15))

1 A

0.35L

<RHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL CANH

4 16

<T>0.35W <T>0.35LG

20 21 (D-04)

<T>0.35L <T>0.35GR

14 3

J/C (CAN2) (D-112)

17 6

<T>(L-W) <T>(BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

7

TRANSFER-ECU

1 B 1 C

<T>0.35G <T>0.35SB

15 4

16 5

<T>0.35Y <T>0.35BE

15 14 2

(CANL) (CANH) (IG+)

REAR DIFF LOCK

CPU

COMBINATION METER (D-103)

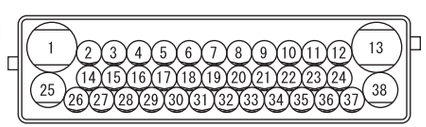
J/B (FUSE (15))

1 A

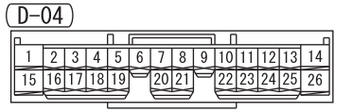
0.35L

4

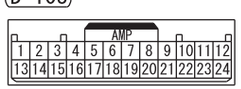
A-02



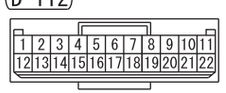
D-04



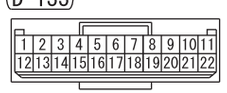
D-103



D-112



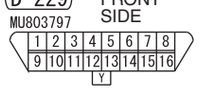
D-133



D-229

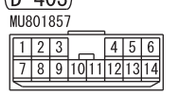
MU803797

FRONT SIDE



D-403

MU801857



D-409



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E10BC

1

Rear fog lamp

2

IGNITION SWITCH (IG2) OR IG2 RELAY

J/B (FUSE 15)

FUSIBLE LINK 2

IGNITION SWITCH (IG1) OR IG1 RELAY

(W-B) 7 D-405

<F>2R 6 D-402

0.35L C2

10R 1 D-409

<F>2GR 4 D-402

J/B

10 7.5A

11 10A

26 20A

15 10A

REAR FOG LAMP RELAY D-411

4 1 3 2 OFF ON

44 D-416

ETACS-ECU

68 D-415

20 D-404

(IG2) (IG1) (ETACS +B)

13 15A

LIN INTERFACE

POWER SOURCE

(RFOG) GND (SGND) GND (EARTH) (LIN)

32 70 D-415 2 D-404 54 D-415

7 D-418 11 D-403 12 D-403 2 6 D-405

R-W 0.35BE 0.35B 1.25B 0.35R L

LIGHTING CONTROL SENSOR

(V-W) 0.35R 0.35R 0.35L 0.35L

3 4 A 5 6 B 2 C

*1 *2

3 1 9

COLUMN SWITCH D-312

(DATA) (+B) (IG1) (GND) 4

COLUMN-ECU

7 8 9 10 11 5

LIGHTING SWITCH D-312-1

OFF ON (HEAD) (TAIL) (AUTO) *3 (OFF)

FOG LAMP SWITCH

LIGHTING SWITCH

0.35 B

<F> 2B

<F>2B

20 7

<LHD><RHD>

NOTE
*1 : ·A/C-ECU
·CLOCK
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)
*2 : ·A/C-ECU
·AS&G OFF SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU
*3 : VEHICLES WITH AUTO LAMP

D-312 (MU801514) 1 2 3 4 5 6 7 8 9 10

D-312-1 1 2 3 4 5 6 7 8 9 10 11

D-402 MU801331 1 2 3 4 5 6

D-403 MU801857 1 2 3 4 5 6 7 8 9 10 11 12 13 14

D-404 J/B SIDE 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

D-405 MU801839 1 2 3 4 5 6 7 8

D-409 1

D-411 1 2 3 4

D-415 (MU803766) 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74

D-416 (MU803765) 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44

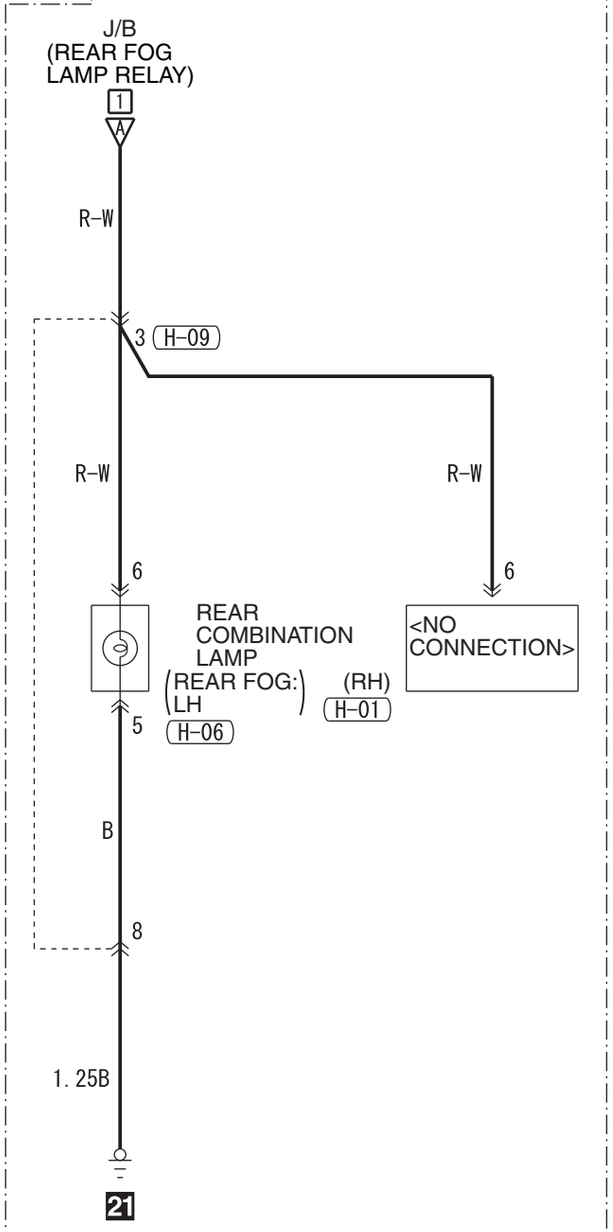
D-418 (MU801845) 1 2 3 4 5 6 7 8 9 10

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

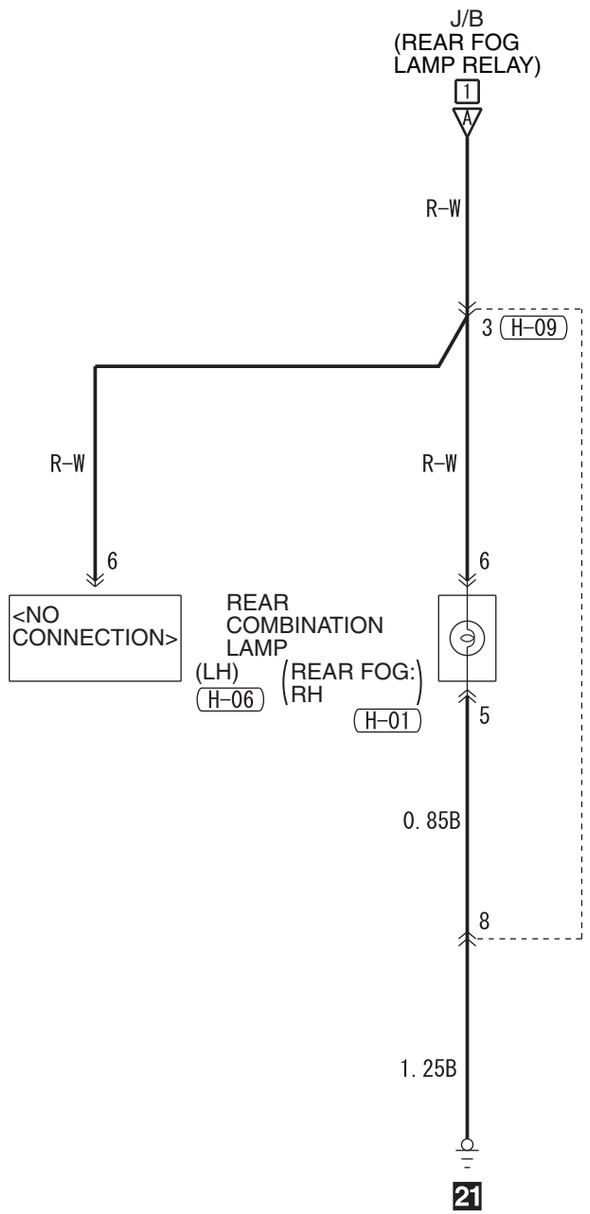
HHSJ0E05AC

3

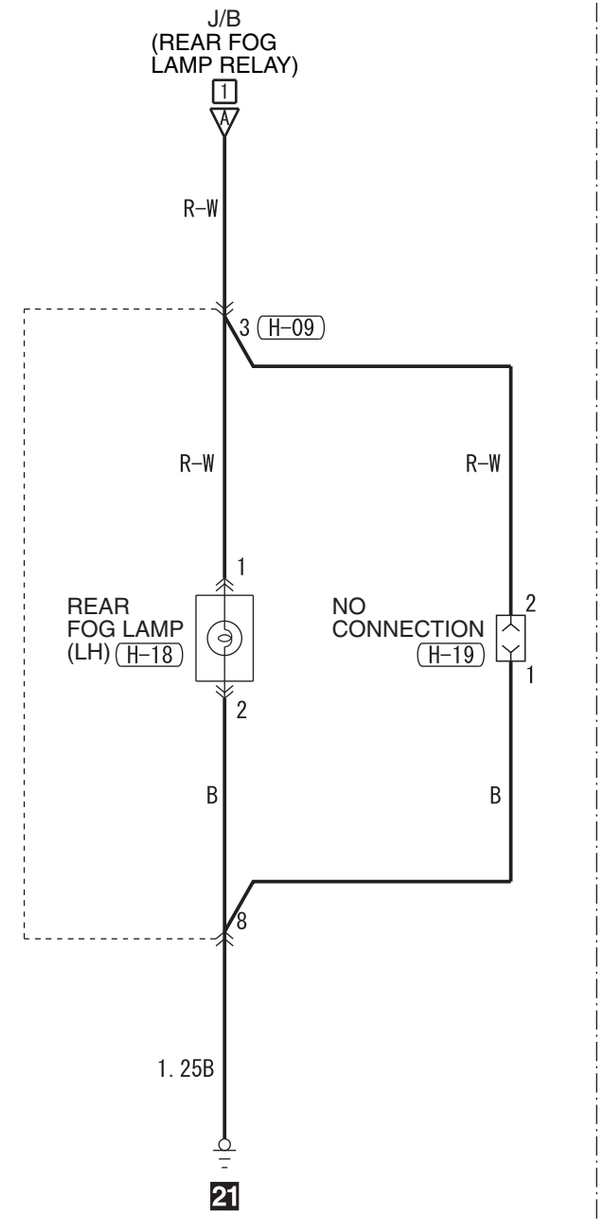
<VEHICLES WITH REAR BODY (LHD)>



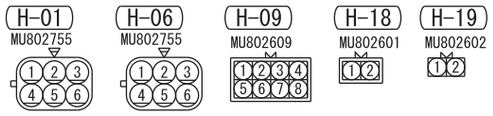
<VEHICLES WITH REAR BODY (RHD)>



<VEHICLES WITHOUT REAR BODY>



4



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E05BC

5

<LHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B (12) 15A

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

13 (D-403)

<T>0.35G <T>0.35W

W-B

22 11

J/C (CAN1) (D-133)

21 10 13 2

<T> (L-W) <T> (BR-W) <T>0.35Y <T>0.35BE

0.35R

16 14 6 15 14 1

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

(CANL) (CANH) (B+B)

REAR FOG

CPU

20

COMBINATION METER (D-103)

J/B (FUSE (13)) 2 B

6

<RHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B (12) 15A

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

13 (D-403)

<T>0.35G <T>0.35W

22 11

J/C (CAN1) (D-133)

18 7

W-B

<T>0.35L <T>0.35SB

21 10

J/C (CAN2) (D-112)

17 6 16 5

<T> (L-W) <T> (BR-W) <T>0.35Y <T>0.35BE

16 14 6 15 14 1

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

(CANL) (CANH) (B+B)

REAR FOG

CPU

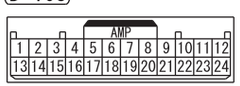
7

COMBINATION METER (D-103)

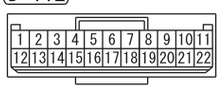
J/B (FUSE (13)) 2 B

0.35R

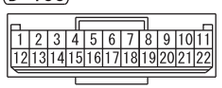
(D-103)



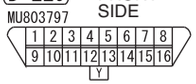
(D-112)



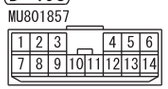
(D-133)



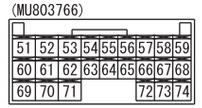
(D-229) MU803797 FRONT SIDE



(D-403) MU801857



(D-409) (D-415) (MU803766)



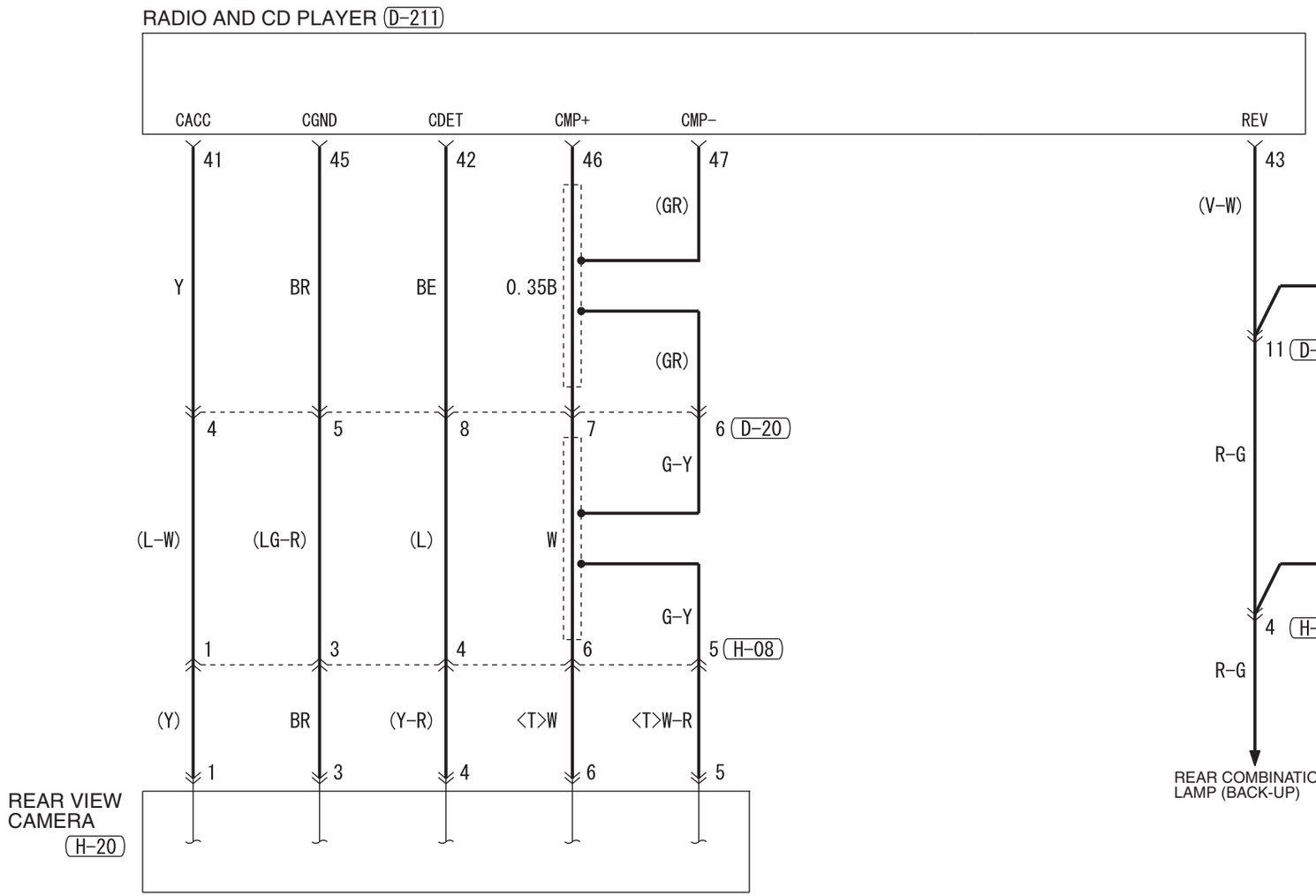
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

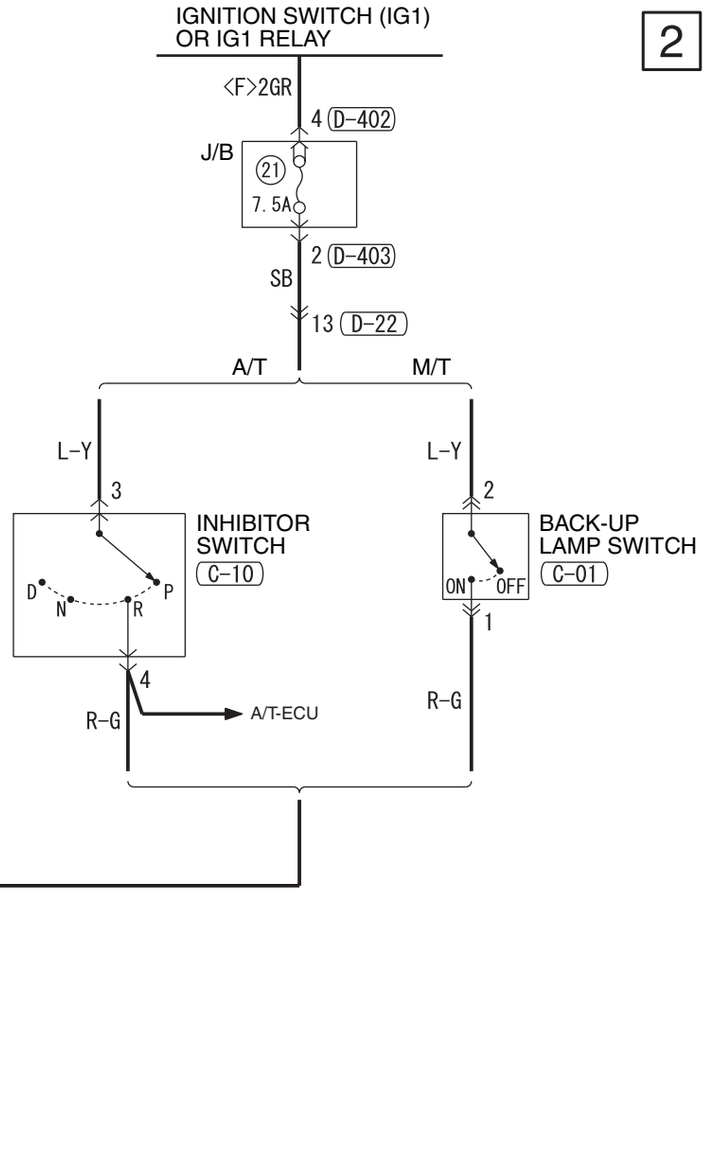
HHSJ0E05CC

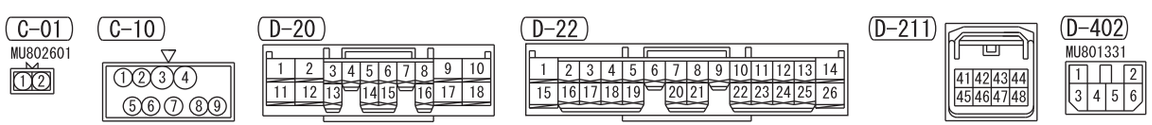
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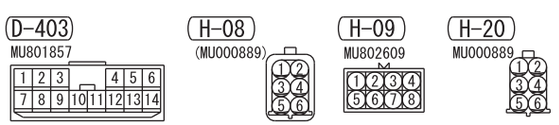
Rear view camera

2









Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E08AC

1

RADIO AND CD PLAYER (D-211)

CACC 41 (Y-B) (L-W)
CGND 45 (BR-W) (LG-R)
CDET 42 (LG-B) (L)
CMP+ 46 (GR) (B) (GR) (B) (GR) (B) (GR) W
CMP- 47 (GR) (B) (GR) (GR) (GR) G-Y G-Y
REV 43 (V-W) R-G R-G

NO CONNECTION (D-247)
5 (Y-B)
10 (BR-W)
3 (LG-B)
6 (GR)
1

J/C(10) (D-245)
2 3
1

J/C(11) (D-246)
2 3
1

4 5 8 7 6 (D-20)
1 3 4 6 5 (H-08)
(Y) BR (Y-R) <T>W <T>W-R
1 3 4 6 5

REAR VIEW CAMERA (H-20)

NO CONNECTION (D-247)
9
V-W
11 (D-22)
·ETACS-ECU
·INSIDE REAR VIEW MIRROR ASSEMBLY

4 (H-09)
R-G
REAR COMBINATION LAMP (BACK-UP)

IGNITION SWITCH (IG1) OR IG1 RELAY
<F>2GR
4 (D-402)
J/B
21
7.5A
2 (D-403)
SB
13 (D-22)

A/T M/T

L-Y
3
INHIBITOR SWITCH (C-10)
D N R P
4
R-G
A/T-ECU

L-Y
2
BACK-UP LAMP SWITCH (C-01)
ON OFF
1
R-G

2

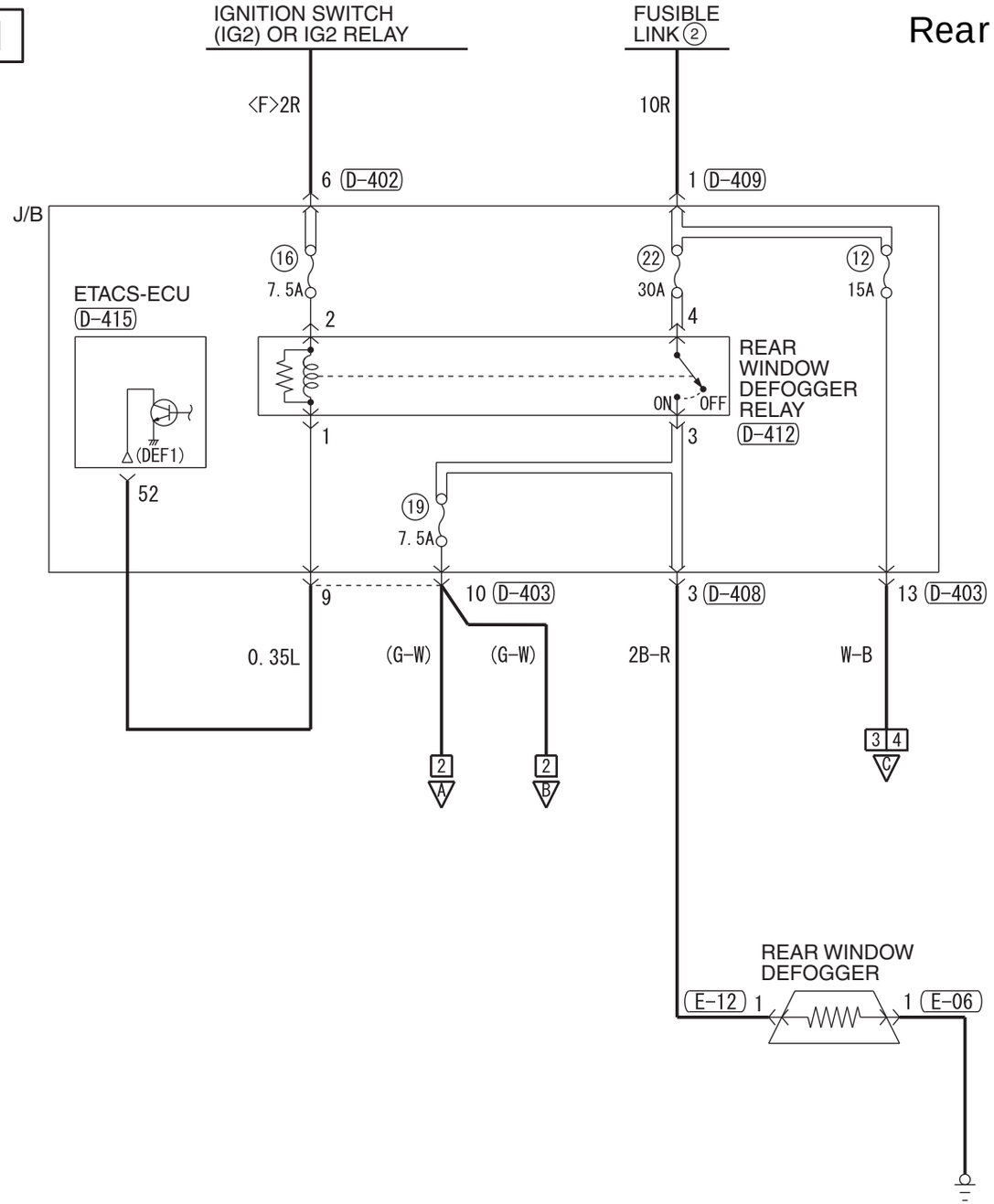
C-01 MU802601
C-10
D-20
D-22
D-211
D-245
D-246
D-247
D-402 MU801331
D-403 MU801857
H-08 (MU000889)
H-09 MU802609
H-20 MU000889

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

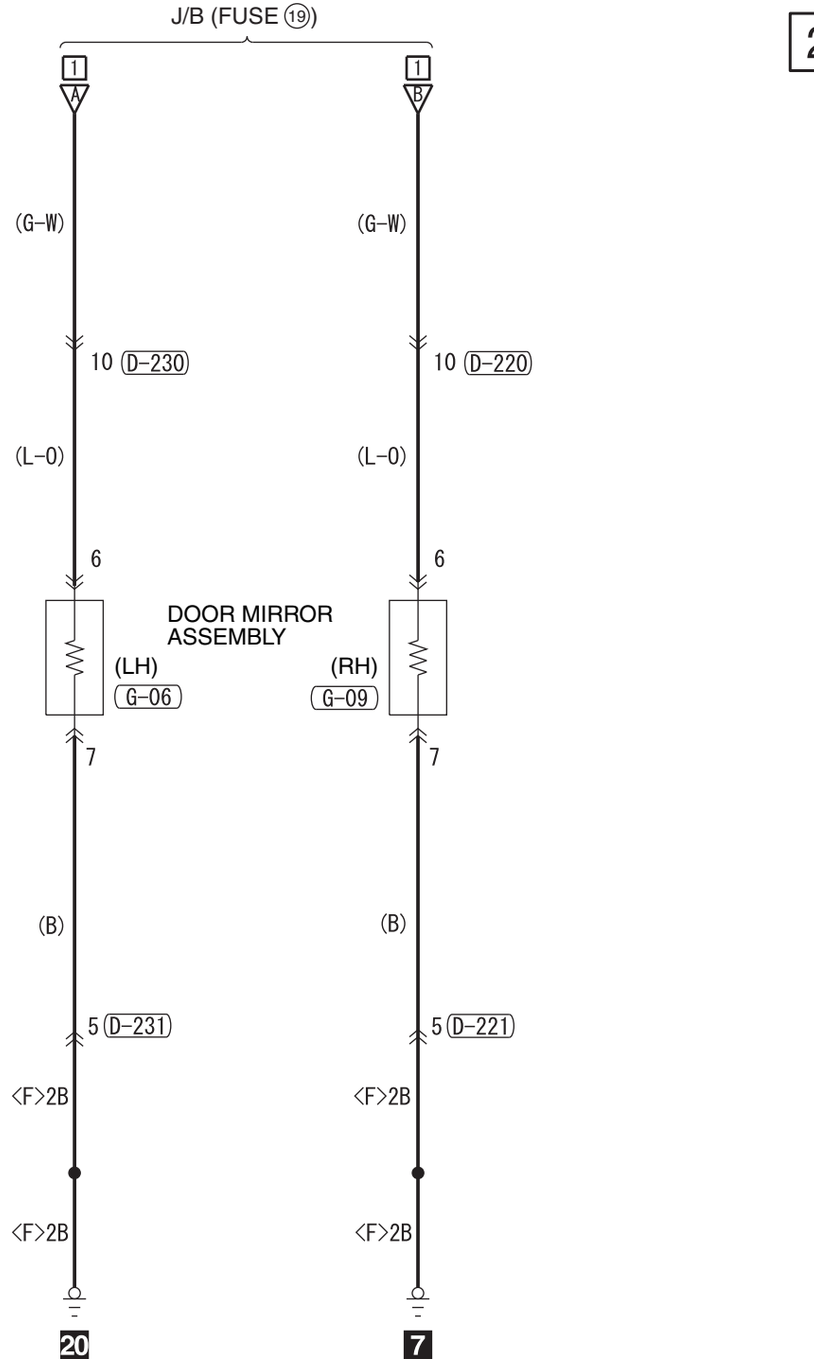
HHSQ0E09AC

Rear window defogger

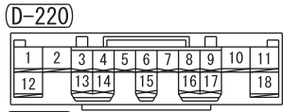
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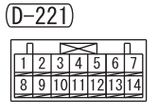
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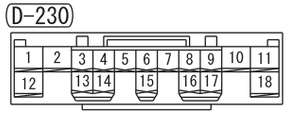
D-220



D-221

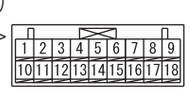


D-230

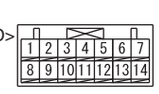


D-231

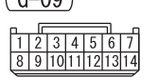
<LHD>



<RHD>



G-09



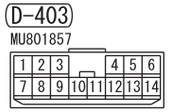
D-402

MU801331

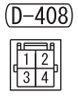


D-403

MU801857



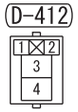
D-408



D-409

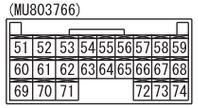


D-412



D-415

(MU803766)



E-06

(MU801211)

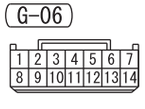


E-12

(MU801211)



G-06

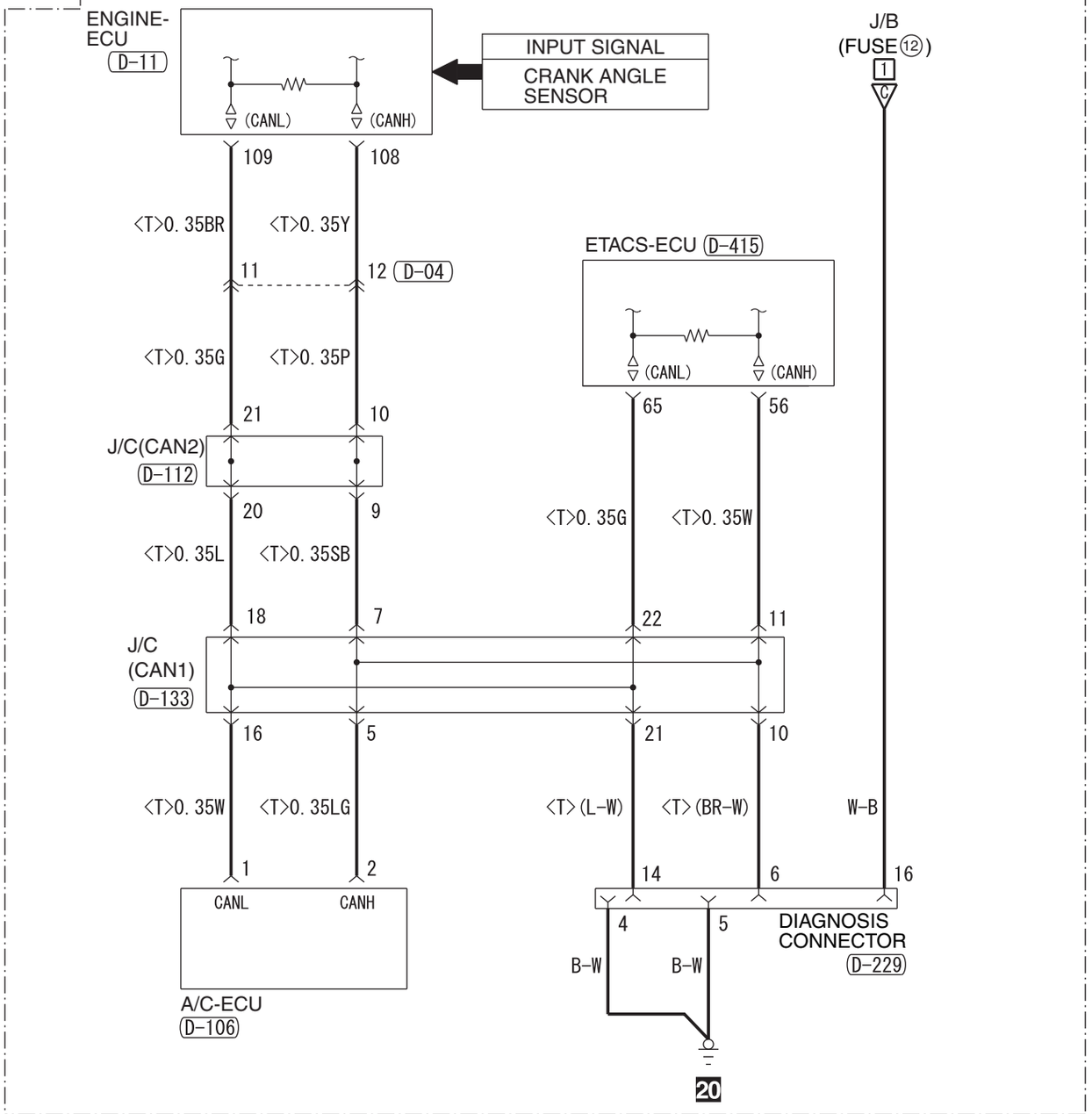


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC13E03AC

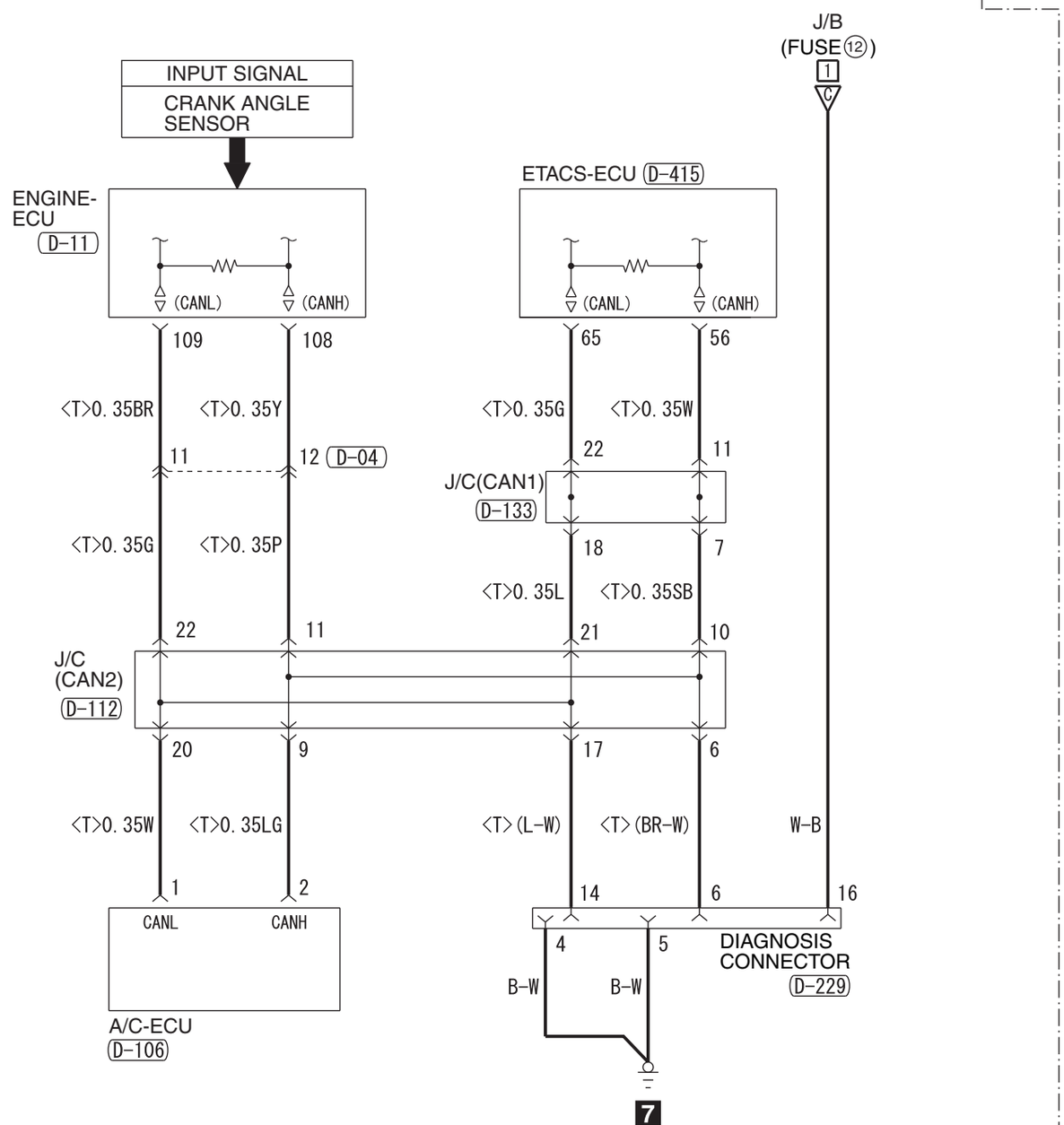
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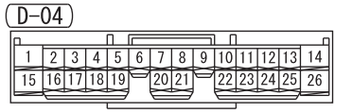


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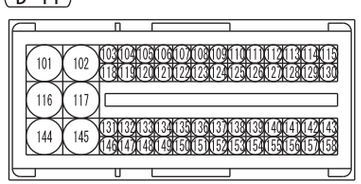
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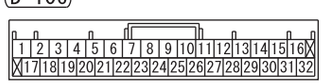
D-04



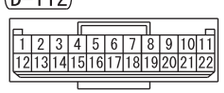
D-11



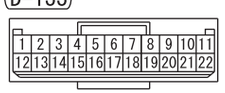
D-106



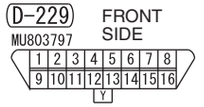
D-112



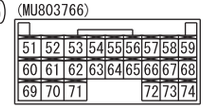
D-133



D-229 MU803797



D-415 (MU803766)



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC13E03BC

1

IGNITION SWITCH (IG2) OR IG2 RELAY

FUSIBLE LINK (2)

<F>2R

10R

6 D-402

1 D-409

J/B

(16) 7.5A

(22) 30A

(12) 15A

ETACS-ECU D-415

2

4

REAR WINDOW DEFOGGER RELAY D-412

ON OFF

(DFSW)

(DEF1)

1

3

69

52

(19) 7.5A

9

10 D-403

3 D-408

13 D-403

Y

0.35L

(G-W)

(G-W)

(G-W)

2B-R

W-B

3 4

C

2

A

2

B

5

6

REAR WINDOW DEFOGGER SWITCH

OFF ON

REAR WINDOW DEFOGGER IND

HEATER CONTROLLER ASSEMBLY D-107

7

B

<F>2B

REAR WINDOW DEFOGGER

E-12 1

1 E-06

20

J/B (FUSE (19))

1 A

1 B

(G-W)

(G-W)

10 D-230

10 D-220

(L-O)

(L-O)

6

6

DOOR MIRROR ASSEMBLY

(LH) G-06

(RH) G-09

7

7

(B)

(B)

5 D-231

5 D-221

<F>2B

<F>2B

<F>2B

<F>2B

20

7

2

D-107

D-220

D-221

D-230

D-415 (MU803766)

E-06 (MU801211)

E-12 (MU801211)

G-06

G-09

D-231 <LHD>

<RHD>

D-402 MU801331

D-403 MU801857

D-408

D-409

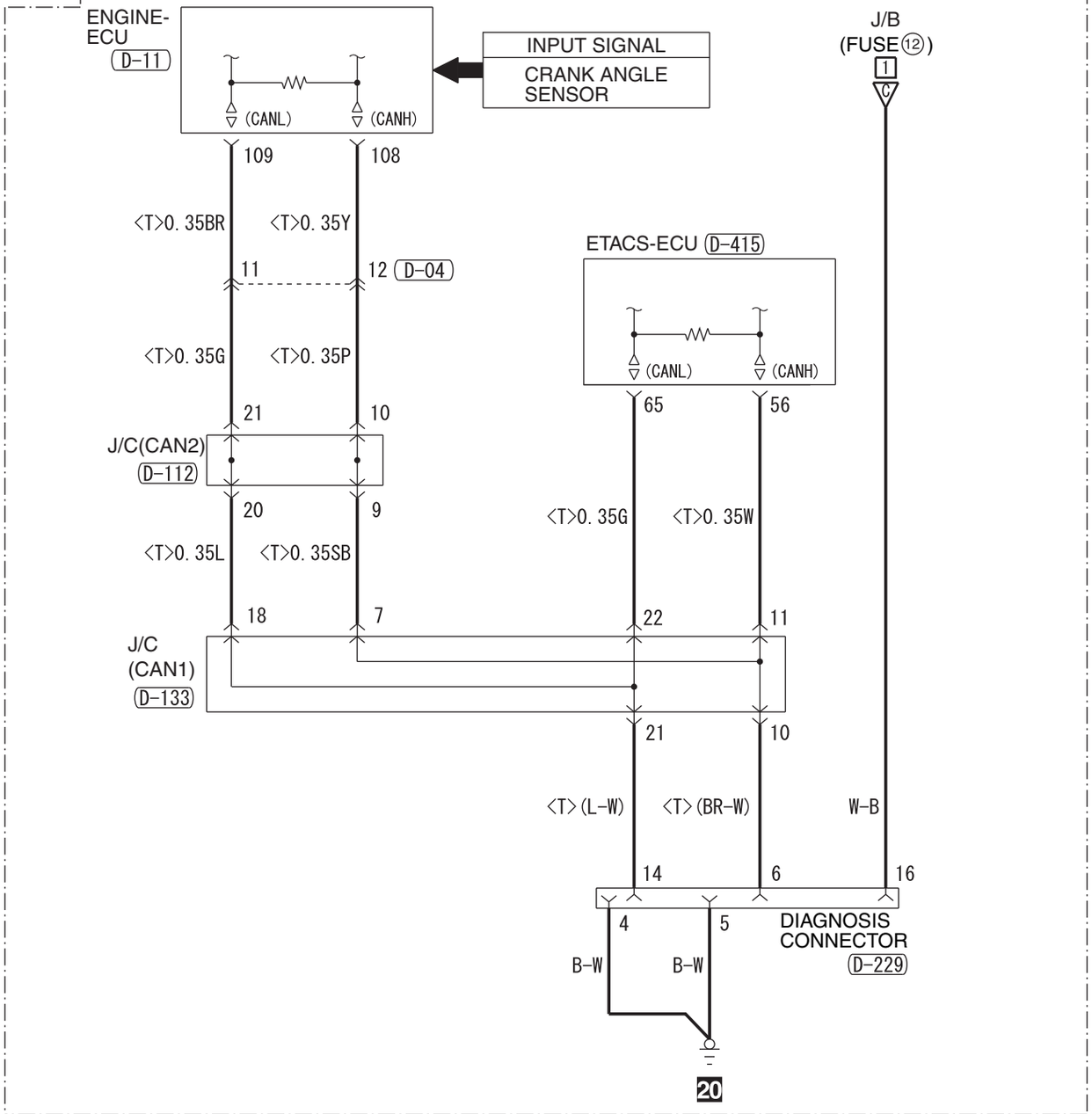
D-412

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

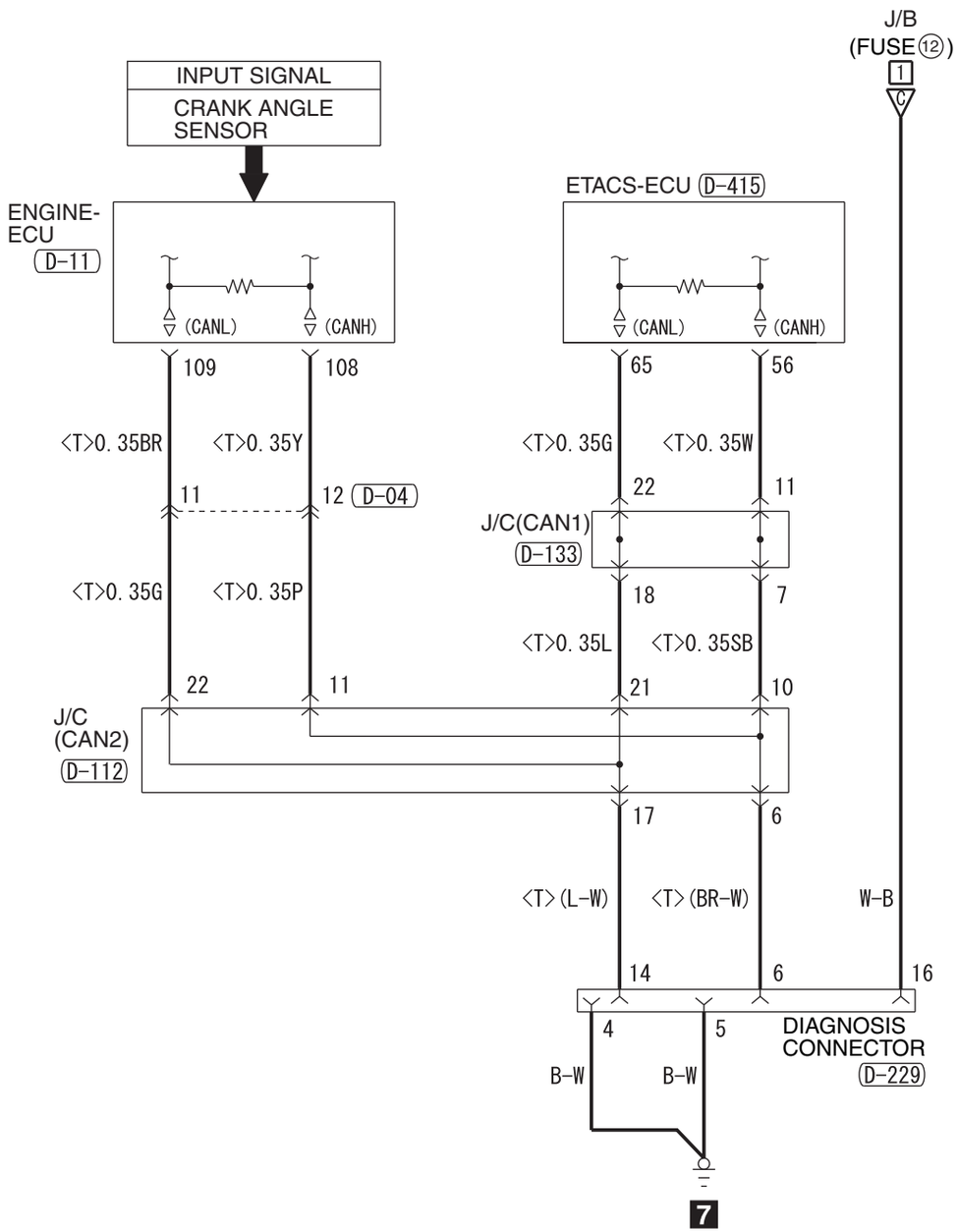
HHC13E02AC

3

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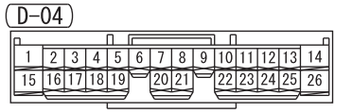


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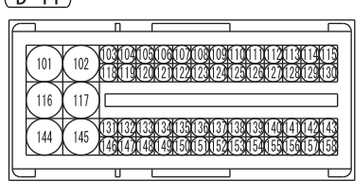


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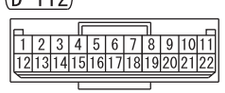
D-04



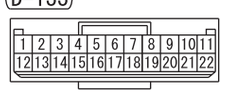
D-11



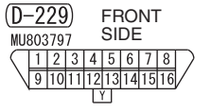
D-112



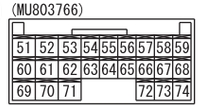
D-133



D-229 MU803797



D-415 (MU803766)

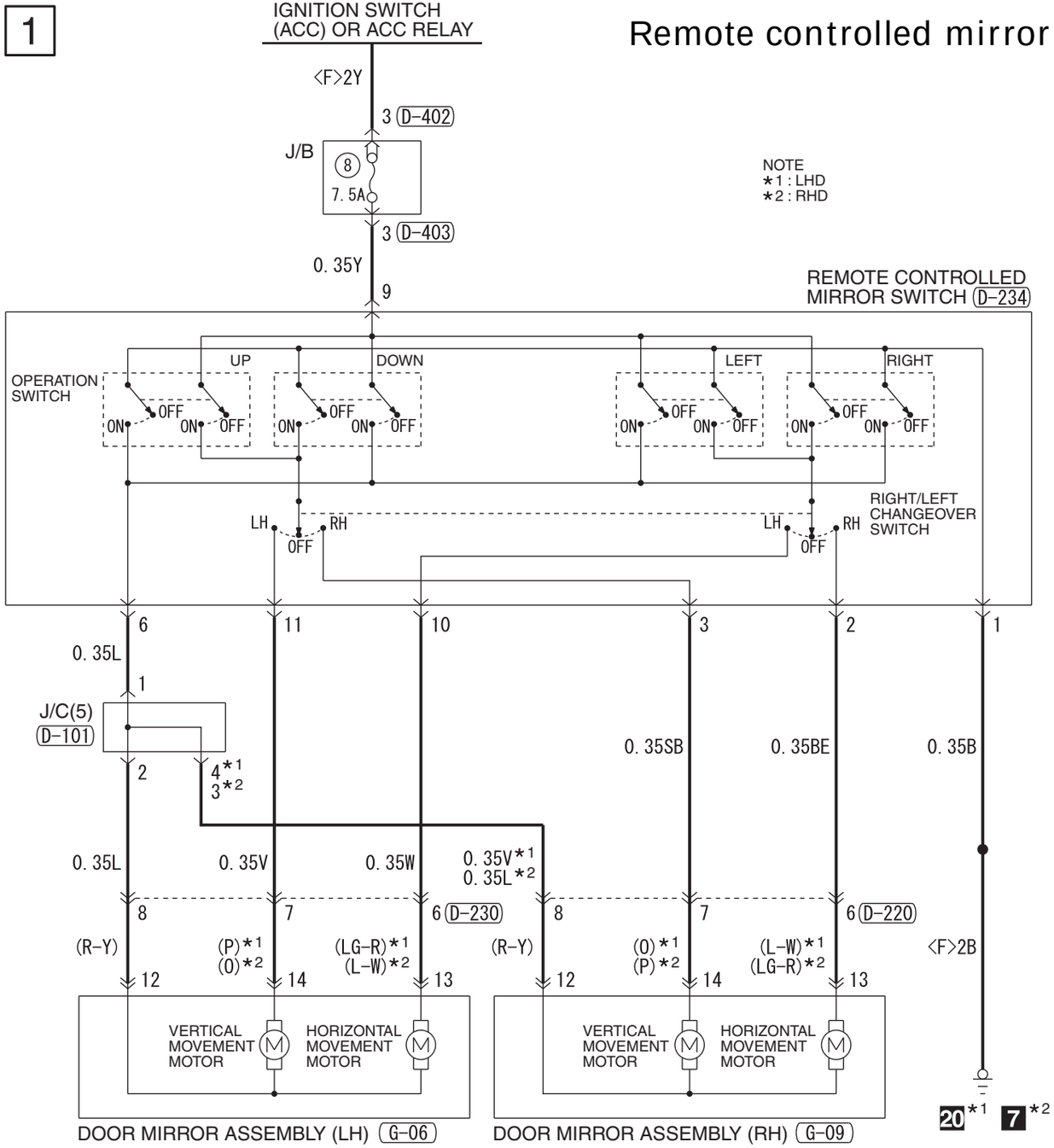


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

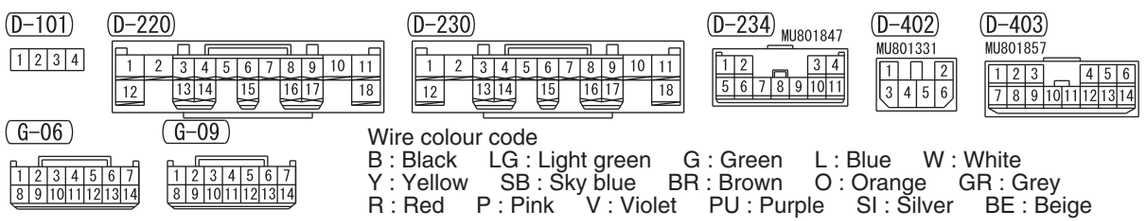
HHC13E02BC

1

Remote controlled mirror



NOTE
*1 : LHD
*2 : RHD



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White
Y : Yellow SB : Sky blue BR : Brown O : Orange GR : Grey
R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC13E00AC

Room lamp & ignition key cylinder illumination lamp

1

2

NOTE
*1 : VEHICLES WITH SUNGLASS POCKET
*2 : VEHICLES WITHOUT ERA-GLONASS SYSTEM
*3 : VEHICLES WITH ERA-GLONASS SYSTEM
*4 : VEHICLES WITH KEYLESS ENTRY SYSTEM

IGNITION SWITCH (IG1) OR IG1 RELAY
<F>2GR
4 D-402
J/B
15
10A
13
15A
6 D-405
L
0.35L
2 D-405
0.35R
3
0.35R
3
FUSIBLE LINK 2
10R
1 D-409
26
20A
68 D-415
20 D-404
(IG1)
(ETACS +B)
POWER SOURCE
ETACS-ECU
FET
(ROOM LP)
18 D-404
2 D-401
(KYIL)
62
(G-W)
(HL1+)
53 D-415
(R-W)
1
6
KEY CYLINDER ILLUMINATION LAMP
*4
OFF
ON
KEY REMINDER SWITCH (WHEN REMOVING KEY: ON)
D-306
2
4
(R-W)
(B-W)
<F>2B
20
<VEHICLES WITHOUT KOS>
LIGHTING CONTROL SENSOR
R-B
1
REAR ROOM LAMP
F-05
OFF
ON
DOOR
2
<*1>
R-B
*2
*3
1
FRONT ROOM LAMP
F-02
OFF
ON
DOOR
2
1
ON
OFF
ON
OFF
ON
OFF
DOOR
2
Y-L
Y-L

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

·A/C-ECU
·CLOCK
·COLUMN SWITCH
·COMBINATION METER
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

D-306 MU801547
D-401 MU801691
D-402 MU801331
D-404 J/B SIDE
D-405 MU801839
D-409
D-415 (MU803766)
F-02
F-05

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E06AC

3

4

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

FUSIBLE LINK (5)

<F>15W

1 (A-119)

RELAY BOX

F13

10A

0.35L

20 (D-25)

0.35P

5

J/C(4) (D-108)

3

<VEHICLES WITH KOS>

J/B (FUSE (13))

1

A

0.35R

0.35P

21

37

KEYLESS OPERATION KEY

KOS&OSS-ECU

+B

IOD

UHF RECEIVER

SGND

PGND

CANL

CANH

23 (D-222)

11 (D-223)

51

35 (D-222)

0.35B

8

J/C(4) (D-108)

11

B-W

(B-W)

<T>0.35Y

<T>0.35BE

19

8

J/C (CAN2) (D-112)

20

9

<T>0.35L

<T>0.35SB

18

7

22

11

J/C (CAN1) (D-133)

21

10

<T>(L-W)

<T>(BR-W)

16

14

6

18

DIAGNOSIS CONNECTOR (D-229)

4

5

B-W

B-W

20

<VEHICLES WITHOUT KOS WITH KEYLESS ENTRY SYSTEM>

KEYLESS ENTRY TRANSMITTER

J/B

ETACS-ECU

KEYLESS ENTRY RECEIVER

(CANL)

(CANH)

(DSWL)

(DSWU)

GND (SGND)

GND (EARTH)

65

56 (D-415)

36

41 (D-416)

70 (D-415)

2 (D-404)

12 (D-403)

0.35LG

0.35R

13

14 (D-230)

(W)

(BR)

1.25B

<T>0.35G

<T>0.35W

7

8

FRONT DOOR LOCK ACTUATOR (LH) (G-01)

LOCK

UN LOCK

6

(B)

5 (D-231)

<F>2B

0.35B

<F>2B

20

20

<VEHICLES WITH CENTRAL DOOR LOCKING SYSTEM>

A-119

1

D-25

D-108

D-112

D-133

D-403

MU801857

D-404

J/B SIDE

D-409

D-415

(MU803766)

D-222

D-223

D-229

MU803797

FRONT SIDE

D-230

D-231

D-416

(MU803765)

G-01

(MU801845)

HHSJ0E06BC

5

NOTE
★5 : DOUBLE CAB
★6 : CLUB CAB

ETACS-ECU (D-415)

(ADSW) (DDSW) (DOOR)

63 51 61

0.35R 0.35LG 0.35BR

10 11 (D-14)

5 6 B

DOUBLE CAB / CLUB CAB DOUBLE CAB / CLUB CAB

(BR-Y) 5 (G-110) (B-R) 5 (G-107)

(BR-Y) (B-R) (B-R) (B-R)

3 3

OFF ON

FRONT DOOR SWITCH (PASSENGER'S SIDE) (E-01) ★5 (G-105) ★6

FRONT DOOR SWITCH (DRIVER'S SIDE) (E-16) ★5 (G-112) ★6

<DOUBLE CAB>

ETACS-ECU

5 B

0.35BR

13 (D-02)

(Y-B) (Y-B)

3 3

REAR DOOR SWITCH (LH) (E-14)

REAR DOOR SWITCH (RH) (E-05)

<CLUB CAB>

ETACS-ECU

5 B

0.35BR

13 (D-02)

(Y-B) (Y-B)

4 (G-107) 4 (G-110)

(Y-B) (Y-B) (Y-B) (Y-B)

1 1 1 1

REAR DOOR LATCH (LH) (LOWER) (G-103) (UPPER) (G-102)

REAR DOOR LATCH (RH) (LOWER) (G-114) (UPPER) (G-108)

ON OFF

2 2 2 2

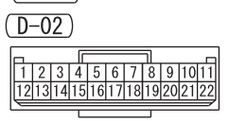
(B) (B) (B) (B)

3 3

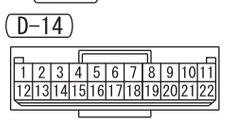
B B B 2B

24 25 22 23 9

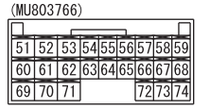
D-02



D-14



D-415 (MU803766)



E-01 (MU801536)



E-05 (MU801536)



E-14 (MU801536)



E-16 (MU801536)



G-102



G-103



G-105 (MU801536)



G-107



G-108



G-110



G-112 (MU801536)



G-114



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E06CC

1

2

IGNITION SWITCH (IG1) OR IG1 RELAY

FUSIBLE LINK ②

<F>2GR

4 D-402

10R

1 D-409

J/B

⑮ 10A

㉖ 20A

68 D-415

20 D-404

ETACS-ECU

⑬ 15A

(IG1)

(ETACS +B)

POWER SOURCE

FET

(ROOM LP)

(KYIL)

(HL1+)

18 D-404

62

53 D-415

6 D-405

2 D-405

2 D-401

L

0.35L

0.35R

3

(G-W)

(R-W)

1

6

LIGHTING CONTROL SENSOR

R-B

<*1>

R-B

KEY CYLINDER ILLUMINATION LAMP

<*2>

OFF ON

KEY REMINDER SWITCH (WHEN REMOVING KEY: ON)

D-306

2

4

(R-W)

(B-W)

1

REAR ROOM LAMP *3 F-04 *4 F-05

OFF DOOR ON

2

1

FRONT ROOM LAMP F-02

OFF ON OFF ON OFF DOOR

2

Y-L

Y-L

<F>2B

7

<VEHICLES WITHOUT KOS>

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·COMBINATION METER
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

·A/C-ECU
·CLOCK
·COLUMN SWITCH
·COMBINATION METER
·DAB TUNER
·HANDS FREE-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

NOTE
*1 : VEHICLES WITH SUNGLASS POCKET
*2 : VEHICLES WITH KEYLESS ENTRY SYSTEM
*3 : SINGLE CAB
*4 : CLUB CAB OR DOUBLE CAB

D-306 MU801547

D-401 MU801691

D-402 MU801331

D-404 J/B SIDE

D-405 MU801839

D-409

D-415 (MU803766)

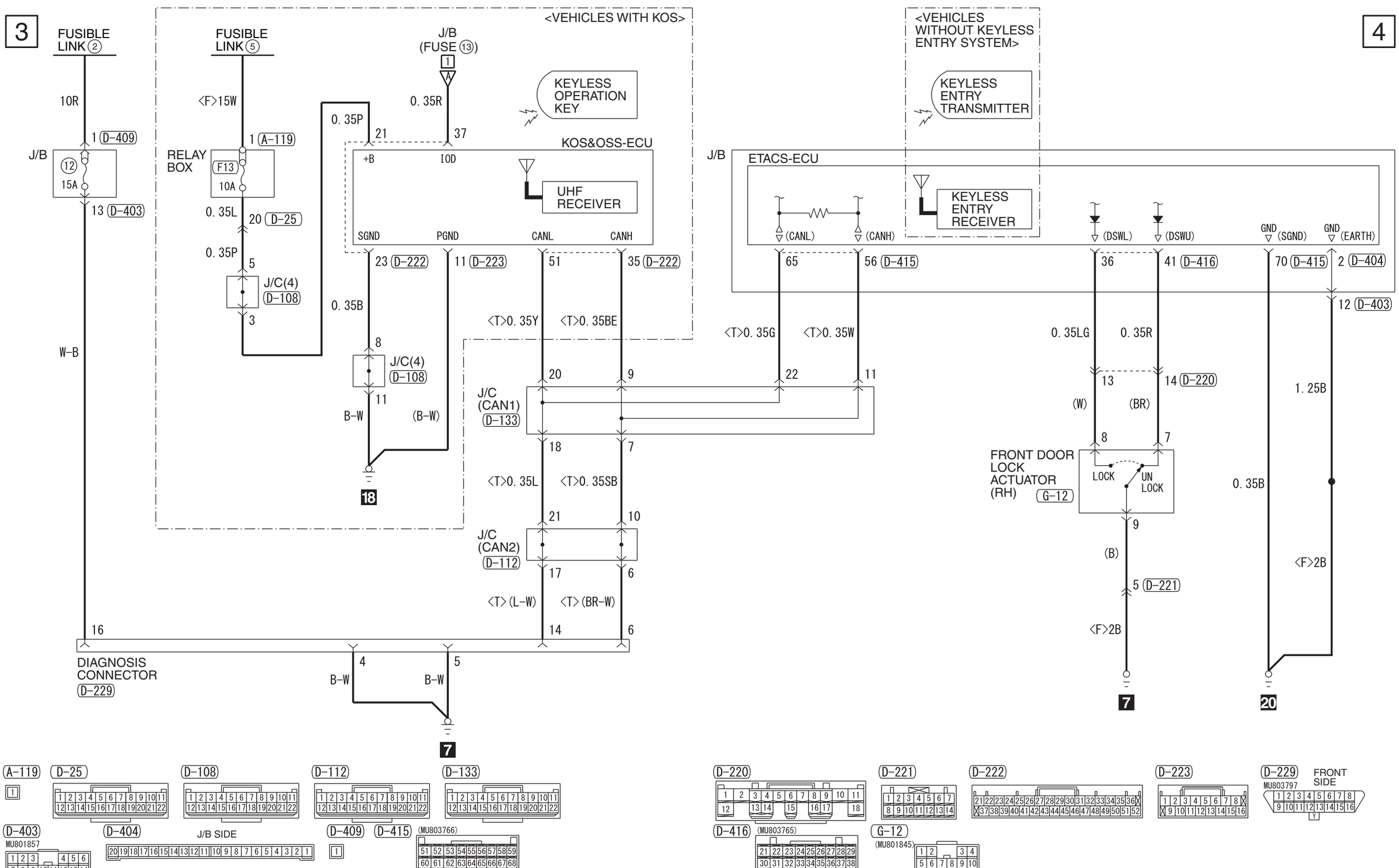
F-02

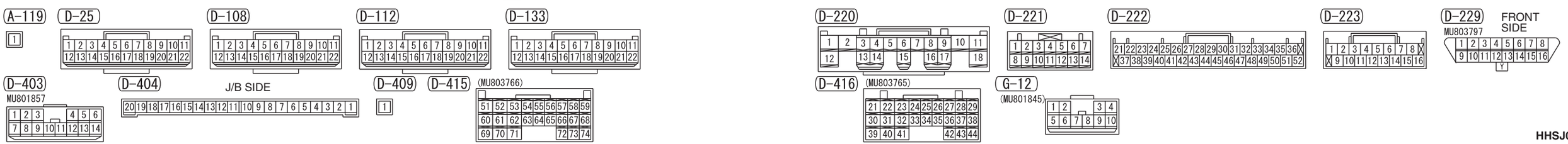
F-04

F-05

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E07AC


3
4
FUSIBLE LINK (2)
FUSIBLE LINK (5)
J/B (FUSE (13))
<VEHICLES WITH KOS>
<VEHICLES WITHOUT KEYLESS ENTRY SYSTEM>
KEYLESS OPERATION KEY
KEYLESS ENTRY TRANSMITTER
KOS&OSS-ECU
ETACS-ECU
UHF RECEIVER
KEYLESS ENTRY RECEIVER
RELAY BOX
F13
10A
15A
J/B
J/C(4) D-108
J/C (CAN1) D-133
J/C (CAN2) D-112
DIAGNOSIS CONNECTOR D-229
FRONT DOOR LOCK ACTUATOR (RH) G-12
LOCK
UN LOCK
10R
<F>15W
0.35R
0.35P
0.35L
0.35B
W-B
B-W
(B-W)
<T>0.35Y
<T>0.35BE
<T>0.35G
<T>0.35W
0.35LG
<T>0.35L
<T>0.35SB
<T>(L-W)
<T>(BR-W)
(W)
(BR)
(B)
<F>2B
1.25B
+B
IOD
SGND
PGND
CANL
CANH
(CANL)
(CANH)
(DSWL)
(DSWU)
GND (SGND)
GND (EARTH)
D-409
D-403
D-25
D-222
D-223
D-415
D-416
D-404
D-220
D-221
18
7
20


A-119
D-25
D-108
D-112
D-133
D-403
MU801857
D-404
J/B SIDE
D-409
D-415
(MU803766)
D-220
D-221
D-222
D-223
D-229
MU803797
FRONT SIDE
D-416
(MU803765)
G-12
(MU801845)

HHSJ0E07BC

5

NOTE
*5 : SINGLE CAB OR DOUBLE CAB
*6 : CLUB CAB

ETACS-ECU (D-415)

(DOOR) (ADSW) (DDSW)

61 63 51

0.35BR 0.35R 0.35LG

10 11 (D-14)

5 6 B

SINGLE CAB OR DOUBLE CAB — CLUB CAB

(BR-Y) 5 (G-107)

(B-R) 5 (G-110)

(BR-Y) (B-R) (B-R) (B-R)

3

OFF ON

FRONT DOOR SWITCH (PASSENGER'S SIDE) (E-01) *5 (G-105) *6

FRONT DOOR SWITCH (DRIVER'S SIDE) (E-16) *5 (G-112) *6

<DOUBLE CAB>

ETACS-ECU

5 B

0.35BR

13 (D-02)

(Y-B) (Y-B)

3

REAR DOOR SWITCH (LH) (E-14)

REAR DOOR SWITCH (RH) (E-05)

<CLUB CAB>

ETACS-ECU

5 B

0.35BR

13 (D-02)

(Y-B) (Y-B)

4 (G-107) 4 (G-110)

(Y-B) (Y-B) (Y-B) (Y-B)

1

REAR DOOR LATCH (LH) (LOWER) (G-103) (UPPER) (G-102)

REAR DOOR LATCH (RH) (LOWER) (G-114) (UPPER) (G-108)

ON OFF

2

(B) (B)

3

B B 2B

24 25 22 23 9

D-02 D-14 D-415 (MU803766) E-01 (MU801536) E-05 (MU801536) E-14 (MU801536) E-16 (MU801536)

G-102 G-103 G-105 (MU801536) G-107 G-108 G-110 G-112 (MU801536) G-114

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E07CC

6

1

2

Seat belt warning

FUSIBLE LINK (2)

10R

1 D-409

J/B (12) 15A

13 D-403

W-B

INPUT SIGNAL
- FRONT WHEEL SPEED SENSOR
- REAR WHEEL SPEED SENSOR

ENGINE-ECU D-11

(CANL) (CANH)

109 108

<T> 0.35BR <T> 0.35Y

11 12

<T> 0.35G <T> 0.35P

22 11

ASTC-ECU A-02

CANL CANH

4 16

<T> 0.35W <T> 0.35LG

20 21 D-04

<T> 0.35L <T> 0.35GR

14 3

J/C (CAN2) D-112

17 6

<T> (L-W) <T> (BR-W)

16 14 6

DIAGNOSIS CONNECTOR D-229

4 5

B-W B-W

7

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 D-402

J/B (15) 10A

6 D-405

L

2

0.35L

2

- A/C-ECU
- AS&G OFF SWITCH
- COLUMN SWITCH
- ETACS-ECU
- LDW-ECU
- SELECTOR LEVER ASSEMBLY
- STEERING WHEEL SENSOR
- TRANSFER-ECU

COMBINATION METER D-103

CPU

BUZZER

(IG+)

DRIVER'S SEAT BELT

(CANL) (CANH) (S/B-)

15 14 5

<T> 0.35Y <T> 0.35BE 0.35SB

16 5 D-14 9

(V-W)

FRONT SEAT BELT SWITCH (DRIVER'S SIDE) E-21

1

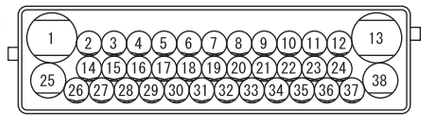
OFF ON

2

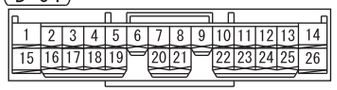
B 2B

9 10

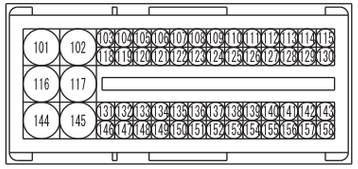
A-02



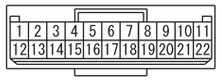
D-04



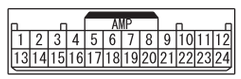
D-11



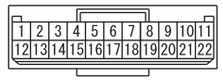
D-14



D-103



D-112



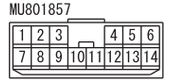
D-229 MU803797 FRONT SIDE



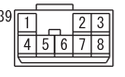
D-402 MU801331



D-403 MU801857



D-405 MU801839



D-409



E-21 MU801673



HHC15E39AC

1

2

0.35L

2

(IG+)

DRIVER'S SEAT BELT

CPU

BUZZER

COMBINATION METER D-103

(CANL) (CANH) (S/B-) (SBAS) (SPEE) (BWLP)

15 14 5 16 20 19

<T> 0.35Y

<T> 0.35BE

3 A

3 B

0.35SB

0.35GR

·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

(GR-B)

0.35G

HAZARD INDICATOR ASSEMBLY D-127

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 D-402

J/B

15

10A

6 D-405

L

2 *1

0.35L

J/B D-405

ETACS-ECU (TAIL LAMP RELAY)

7

7.5A

0.35LG

1

5 *2

0.35LG

12

J/C(3) D-104

20

0.35LG

12

6 1

(SPEE) (BWLP) (IG+) (ILL+)

BUZZER

PASSENGER'S SEAT BELT REMINDER SYMBOL

PASSENGER'S SEAT BELT WARNING

REAR SEAT BELT (LH) WARNING

REAR SEAT BELT (RH) WARNING

ILL

CPU

(SBRL) (SBRR) (LP) (ILL-)

Y 20

0.35BE 21

11

16

(L-W)

9

J/C(3) D-104

0.35B

0.35L 11

COMBINATION METER (PWM)

7 (G)

5 D-14 (G-W)

<F>2B

9

(V)

1 E-26

1

FRONT SEAT BELT REMINDER SENSOR E-26-1

3

FRONT SEAT BELT SWITCH (PASSENGER'S SIDE)

2

B

2B

1

(V-W)

FRONT SEAT BELT SWITCH (DRIVER'S SIDE) E-21

OFF ON

2

B

2B

10

9

1

REAR SEAT BELT SWITCH (LH) E-11

OFF ON

2

B

2B

23

1

REAR SEAT BELT SWITCH (RH) E-09

OFF ON

2

B

7

NOTE

*1 : ·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·ETACS-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

*2 : ·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL MULTI-FUNCTION SWITCH

D-14 D-103 D-104 D-127 D-402 MU801331 D-405 MU801839 E-09 MU801673 E-11 MU801673 E-21 MU801673 E-26 MU801673 E-26-1

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E13AF

3

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

COMBINATION METER

1 A

1 B

<T>0.35Y

<T>0.35BE

13

2

J/C (CAN1) (D-133)

21

10

18

7

<T>(L-W)

<T>(BR-W)

<T>0.35L

<T>0.35SB

16

14

6

DIAGNOSIS CONNECTOR (D-229)

4

5

B-W

B-W

20

4

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR

·REAR WHEEL SPEED SENSOR

ENGINE-ECU (D-11)

(CANL)

(CANH)

109

108

<T>0.35BR

<T>0.35Y

11

12

<T>0.35G

<T>0.35P

ASTC-ECU (A-02)

CANL

CANH

4

16

<T>0.35W

<T>0.35LG

20

21 (D-04)

<T>0.35L

<T>0.35GR

20

9

21

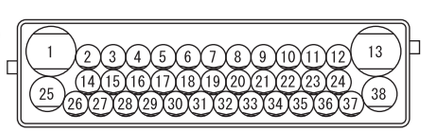
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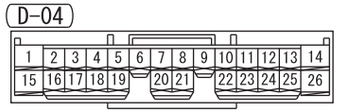
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J/C (CAN2) (D-112)

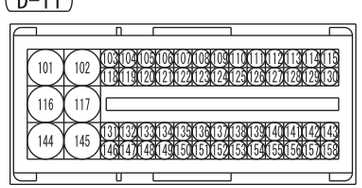
A-02



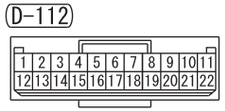
D-04



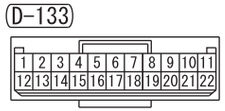
D-11



D-112



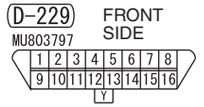
D-133



D-229

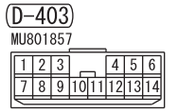
MU803797

FRONT SIDE



D-403

MU801857



D-409

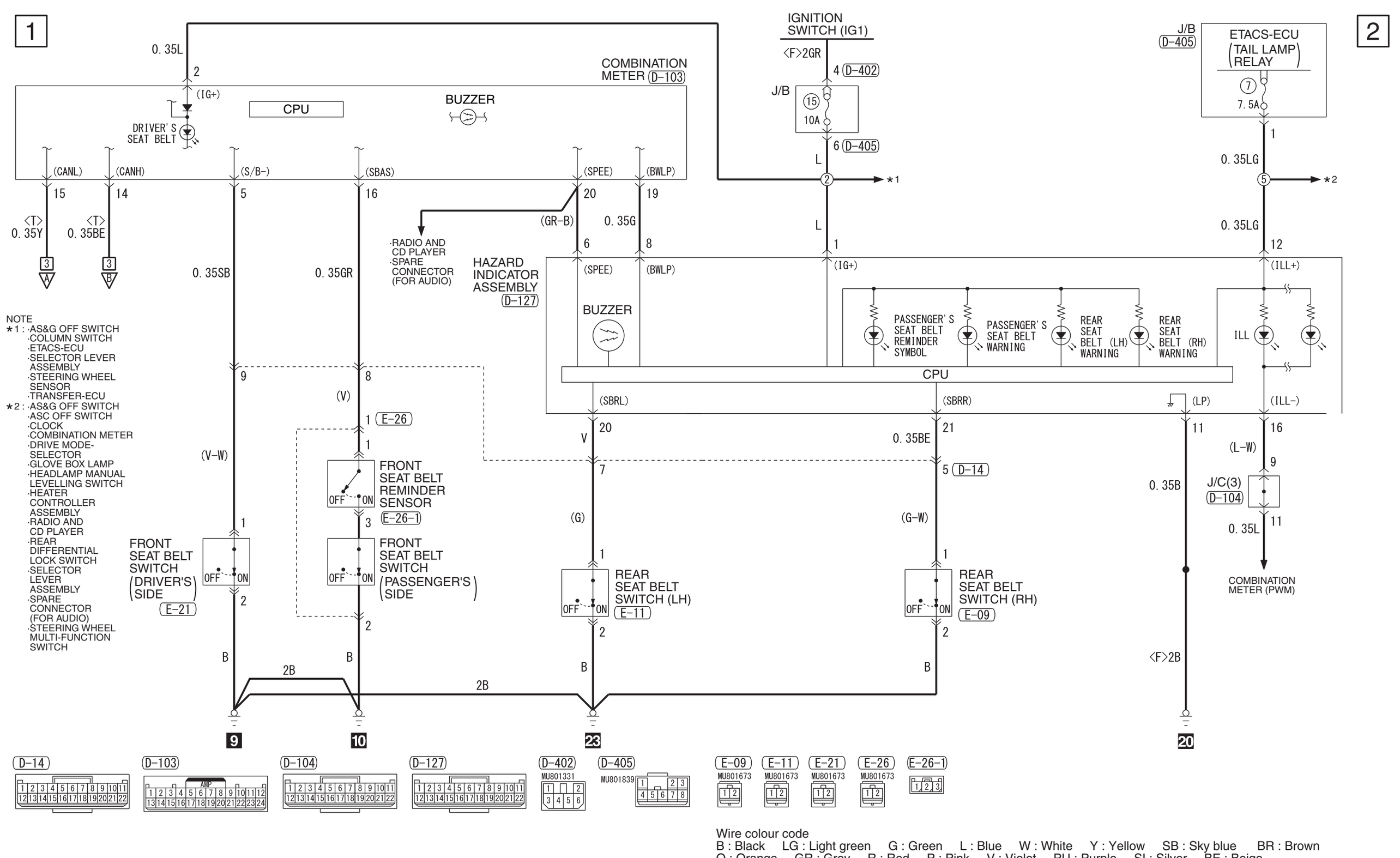


Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown

O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E13BC



NOTE
*1: ·AS&G OFF SWITCH
·COLUMN SWITCH
·ETACS-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU
*2: ·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATER CONTROLLER ASSEMBLY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL MULTI-FUNCTION SWITCH

D-14 D-103 D-104 D-127 D-402 MU801331 D-405 MU801839 E-09 MU801673 E-11 MU801673 E-21 MU801673 E-26 MU801673 E-26-1

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E14AF

3

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

INPUT SIGNAL

- FRONT WHEEL SPEED SENSOR
- REAR WHEEL SPEED SENSOR

COMBINATION METER

1 A

1 B

ENGINE-ECU (D-11)

(CANL) (CANH)

ASTC-ECU (A-02)

CANL CANH

109 108 4 16

<T> 0.35BR <T> 0.35Y <T> 0.35W <T> 0.35LG <T> 0.35Y <T> 0.35BE

11 12 20 21 (D-04)

<T> 0.35G <T> 0.35P <T> 0.35L <T> 0.35GR

22 11 14 3 16 5

J/C (CAN2) (D-112)

17 6

<T> (L-W) <T> (BR-W)

16 14 6

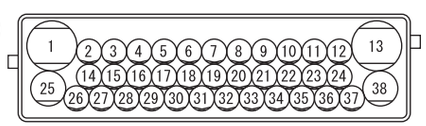
DIAGNOSIS CONNECTOR (D-229)

4 5

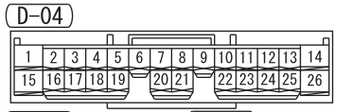
B-W B-W

7

A-02

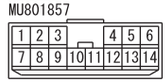


D-04



D-403

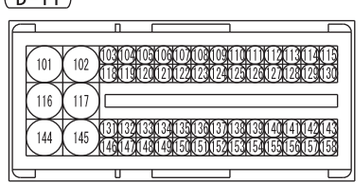
MU801857



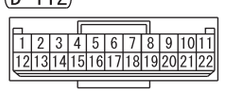
D-409

1

D-11



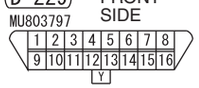
D-112



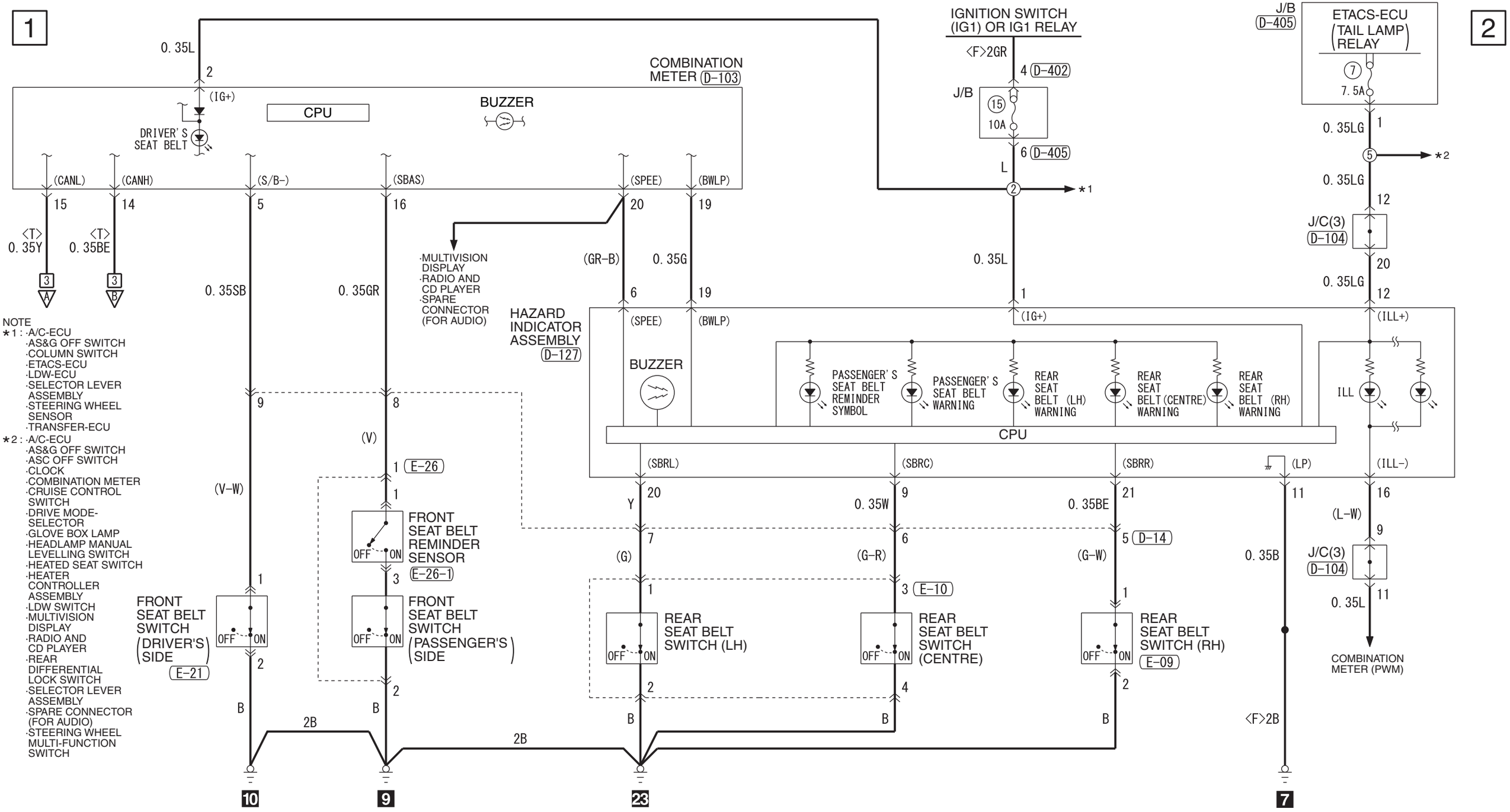
D-229

MU803797

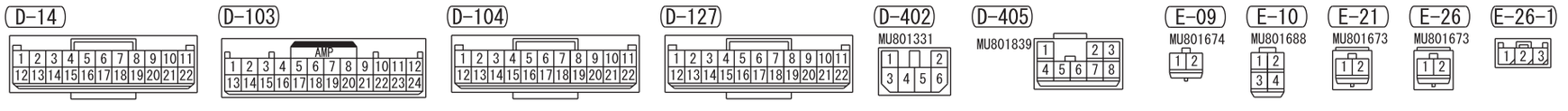
FRONT SIDE



HHC15E14BC



NOTE
*1 : ·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·ETACS-ECU
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU
*2 : ·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL MULTI-FUNCTION SWITCH



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E11AF

3

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

COMBINATION METER

1 A

1 B

<T>0.35Y

<T>0.35BE

13

2

J/C (CAN1) (D-133)

21

10

18

7

<T>(L-W)

<T>(BR-W)

<T>0.35L

<T>0.35SB

16

14

6

DIAGNOSIS CONNECTOR (D-229)

4

5

B-W

B-W

20

4

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR

·REAR WHEEL SPEED SENSOR

ENGINE-ECU (D-11)

(CANL)

(CANH)

ASTC-ECU (A-02)

CANL

CANH

109

108

4

16

<T>0.35BR

<T>0.35Y

<T>0.35W

<T>0.35LG

11

12

20

21 (D-04)

<T>0.35G

<T>0.35P

<T>0.35L

<T>0.35GR

20

9

21

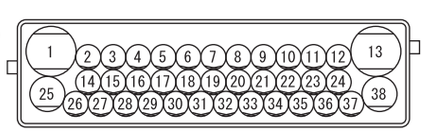
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16

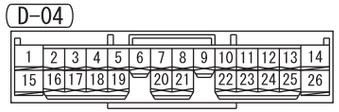
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J/C (CAN2) (D-112)

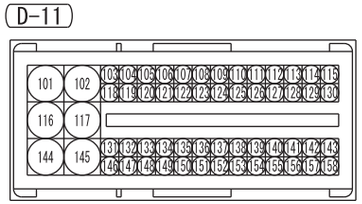
A-02



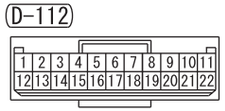
D-04



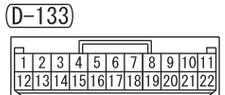
D-11



D-112



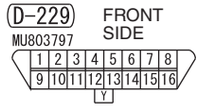
D-133



D-229

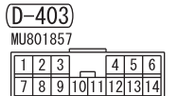
MU803797

FRONT SIDE



D-403

MU801857



D-409



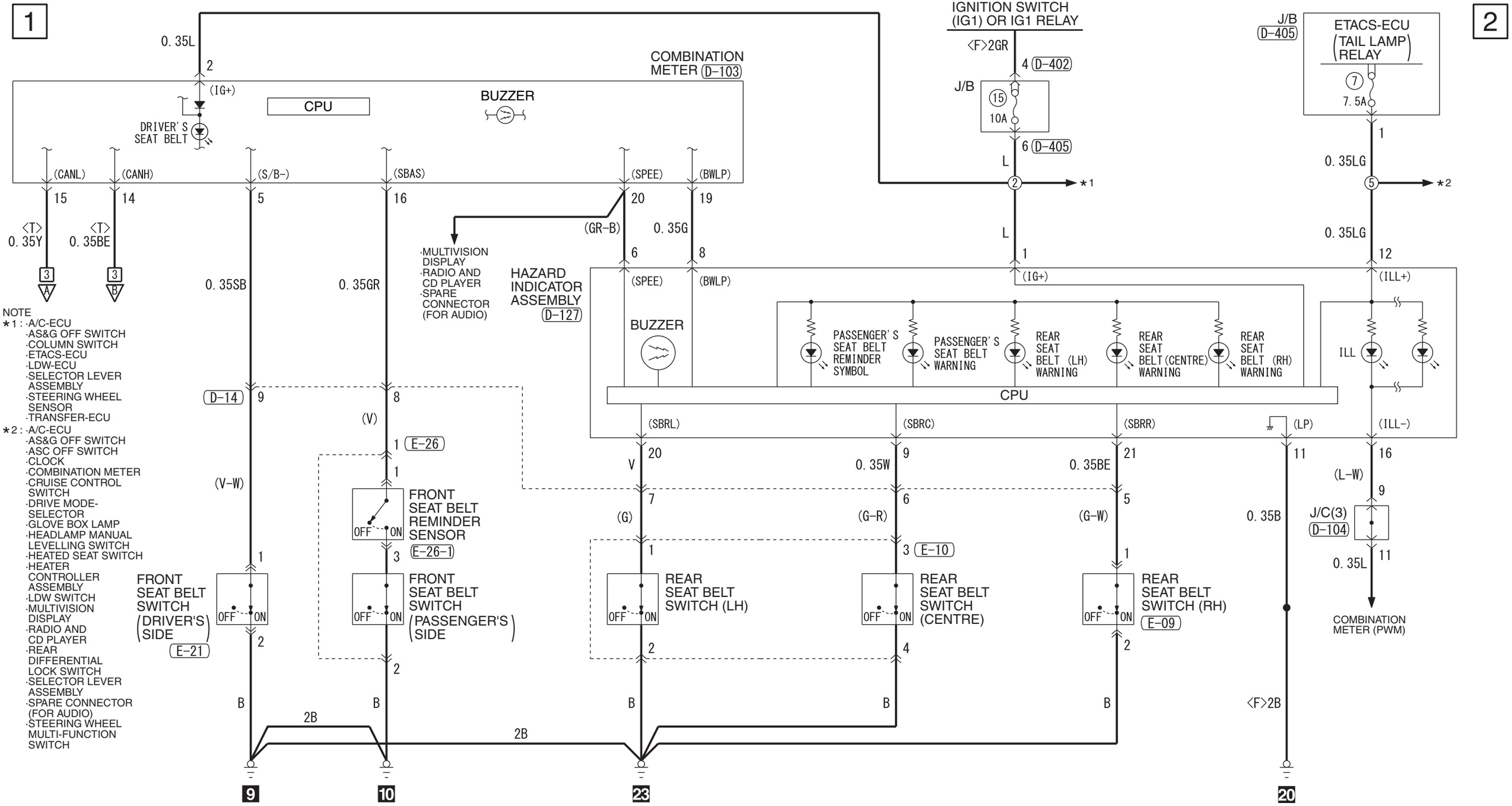
Wire colour code

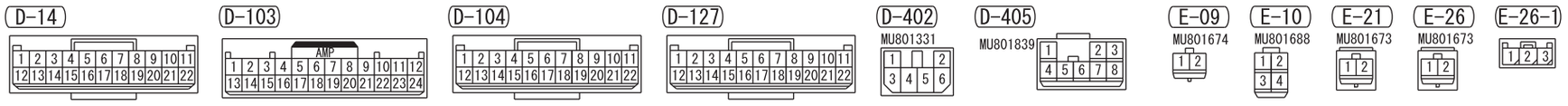
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown

O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E11BC

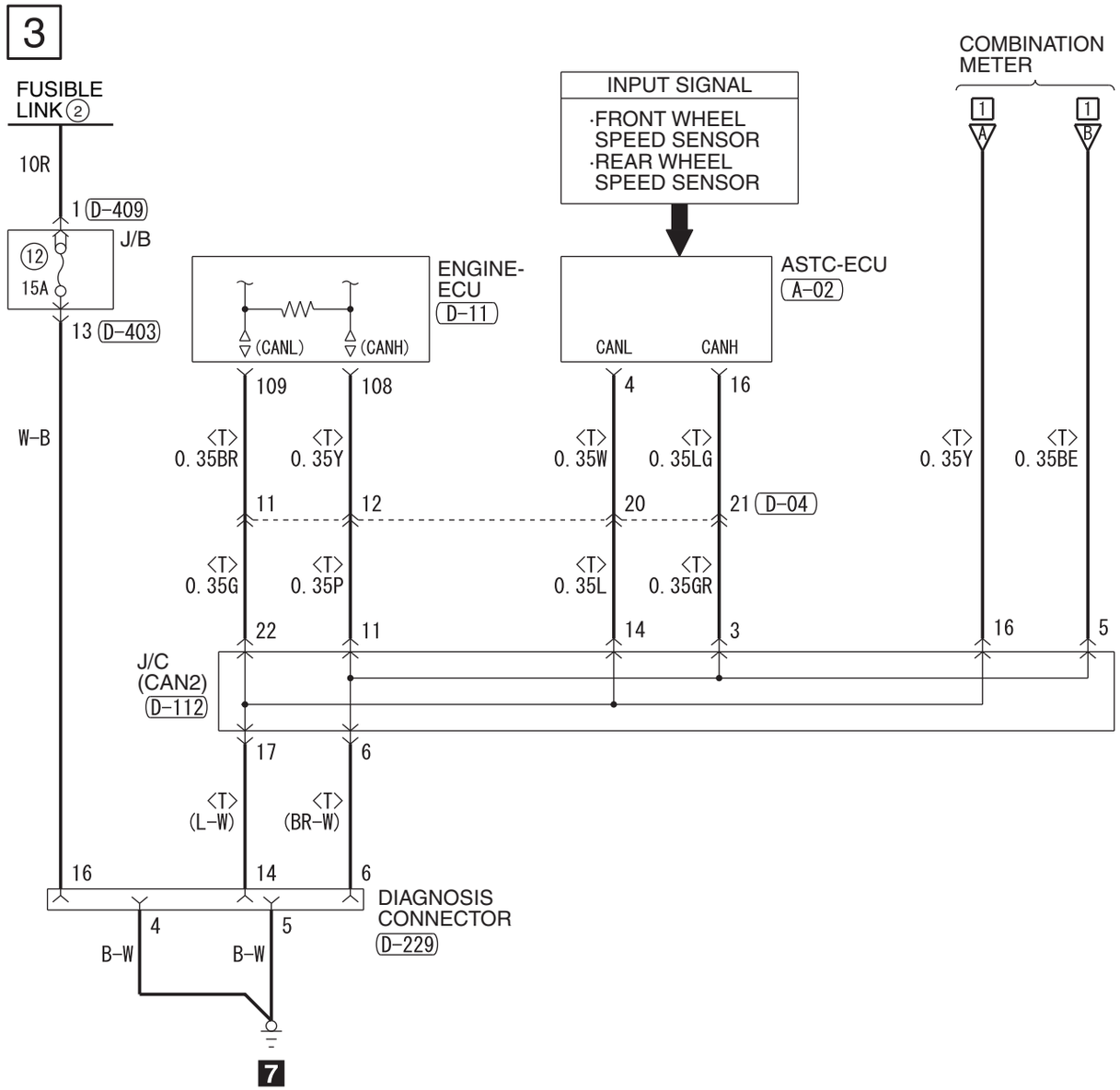
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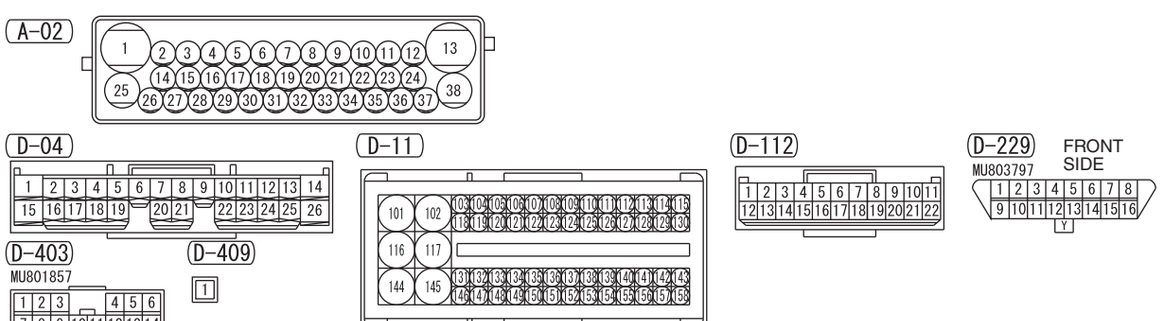




Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E12AF


3
FUSIBLE LINK (2)
10R
1 D-409
J/B
12
15A
13 D-403
W-B
INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR
COMBINATION METER
1 A
1 B
ENGINE-ECU D-11
(CANL)
(CANH)
ASTC-ECU A-02
CANL
CANH
109
108
4
16
<T> 0.35BR
<T> 0.35Y
<T> 0.35W
<T> 0.35LG
<T> 0.35Y
<T> 0.35BE
11
12
20
21 D-04
<T> 0.35G
<T> 0.35P
<T> 0.35L
<T> 0.35GR
22
11
14
3
16
5
J/C (CAN2) D-112
17
6
<T> (L-W)
<T> (BR-W)
16
14
6
DIAGNOSIS CONNECTOR D-229
4
5
B-W
B-W
7


A-02
D-04
D-11
D-112
D-229
FRONT SIDE
MU803797
D-403
D-409
MU801857

HHC15E12BC

1

2

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

J/C (CAN1) (D-133)

21 10 18 7

<T>(L-W) <T>(BR-W) <T>0.35L <T>0.35SB

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

20

COMBINATION METER (D-103)

BUZZER

CPU

(CANL) (CANH) (S/B-) (SBAS) (BWLP)

15 14 5 16 19

<T>0.35Y <T>0.35BE 0.35SB 0.35GR 0.35G

13 2 9 8 (D-14)

(V)

1 (E-26)

(V-W)

1

FRONT SEAT BELT REMINDER SENSOR (E-26-1)

OFF ON

3

1

FRONT SEAT BELT SWITCH (DRIVER'S SIDE) (E-21)

OFF ON

2

FRONT SEAT BELT SWITCH (PASSENGER'S SIDE)

OFF ON

2

B B

2B

10 9

L

2

(IG1)

DRIVER'S SEAT BELT

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 (D-402)

J/B

(15)

10A

6 (D-405)

L

(2)

·A/C-ECU
·COLUMN SWITCH
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·ETACS-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

0.35L

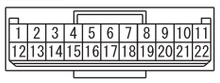
19 1

(BWLP) (IG+)

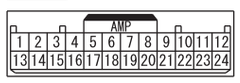
PASSENGER'S SEAT BELT REMINDER SYMBOL

HAZARD INDICATOR ASSEMBLY (D-127)

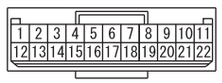
(D-14)



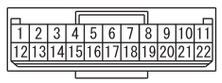
(D-103)



(D-127)



(D-133)



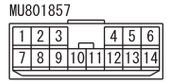
(D-229) FRONT SIDE



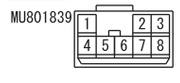
(D-402)



(D-403)



(D-405)



(D-409)



(E-21)



(E-26)

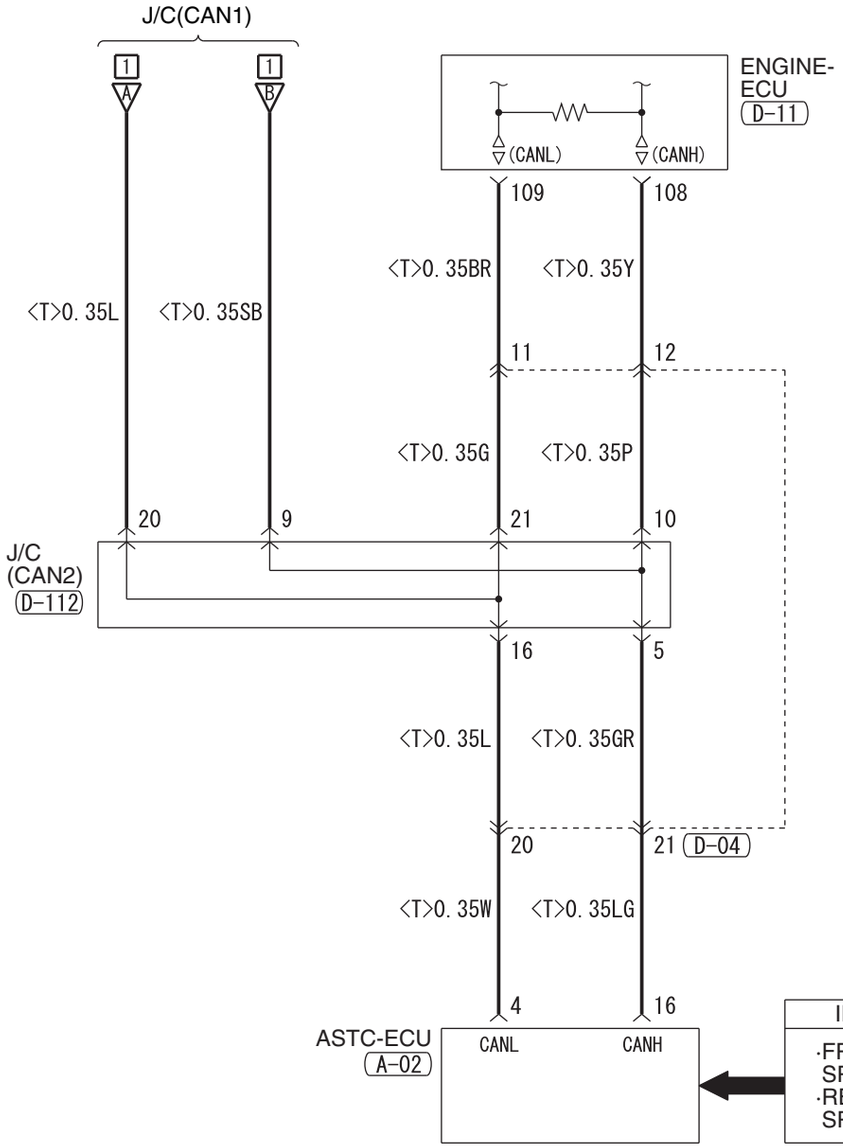


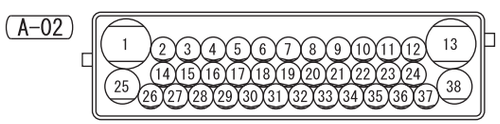
(E-26-1)

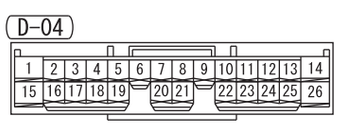


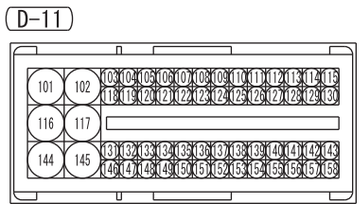
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

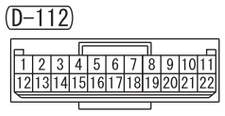
3









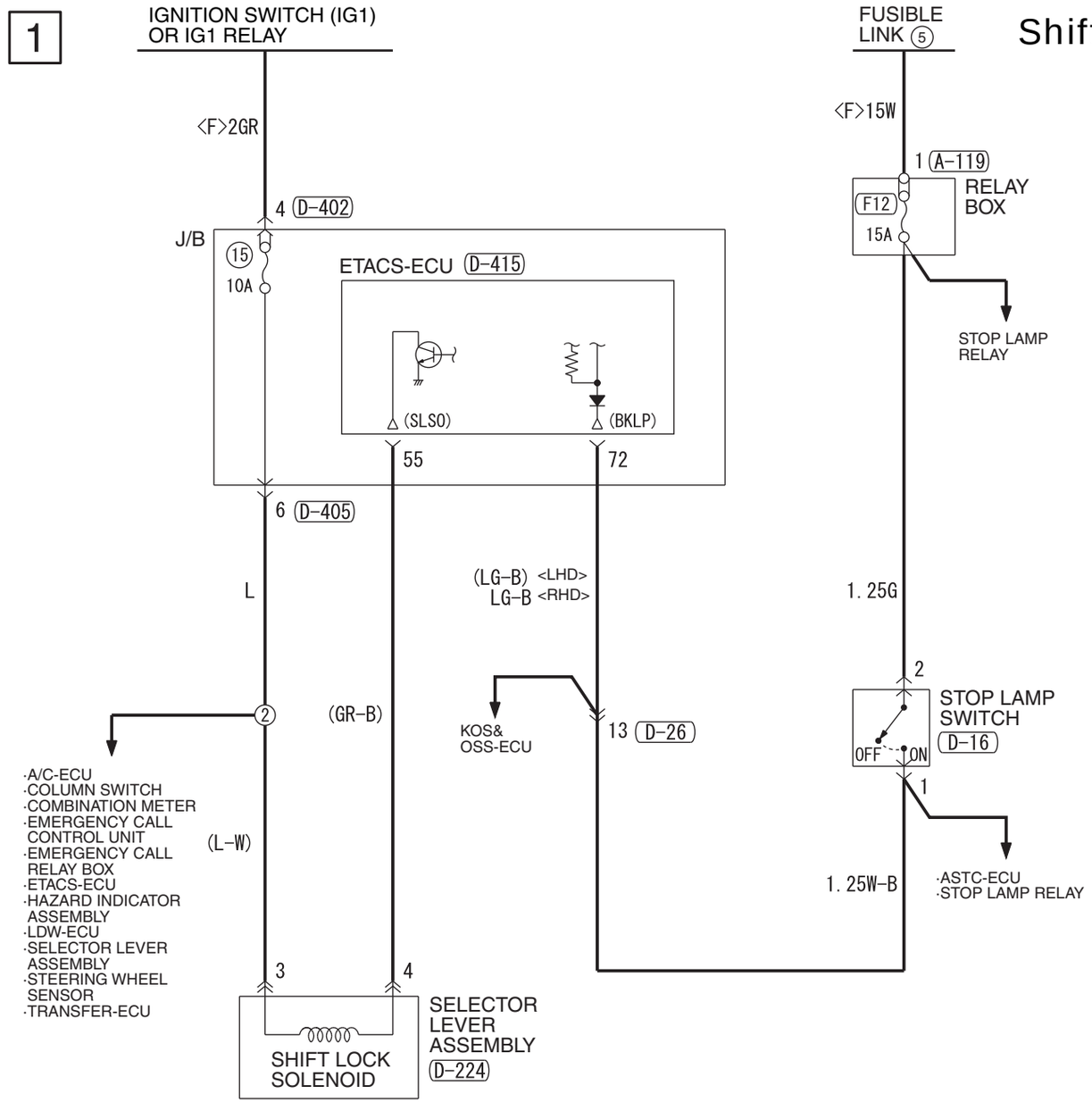


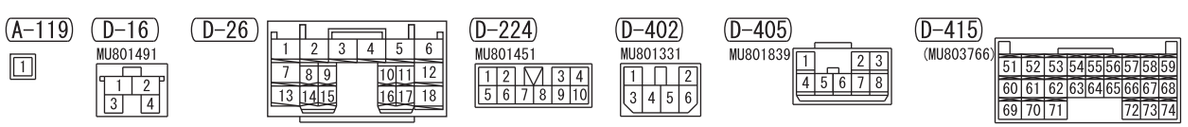
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow
SB : Sky blue BR : Brown O : Orange GR : Grey R : Red
P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E13BC

1

Shift lock mechanism (auto transmission)





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSH0E00AC

Smartphone link display audio

1

<VEHICLES WITH AS&G SYSTEM>

IGNITION SWITCH (ACC) OR ACC RELAY

FUSIBLE LINK ⑤

<F>2Y

3 D-402

<F>15W

1 A-119

J/B

25 10A

RELAY BOX

BF2 30A

·CLOCK
·ETACS-ECU
·SELECTOR LEVER ASSEMBLY

6 D-403

Y-B

3W

7 D-26

V

DC/DC CONVERTER D-34

6

9

IGN

PWR

GND DCCT OUT2 OUT1

10 5 8 7

1. 25W-B

1. 25R-W

1 2 D-26

3B R

<F>2Y

(W-B) (W-B) 1. 25W-B W-B

AS&G-ECU

7 14

NO CONNECTION D-130

NO CONNECTION D-114

19

D-209 1 10 44 D-212

ACC +B <NO CONNECTION>

MULTIVISION DISPLAY

<VEHICLES WITHOUT AS&G SYSTEM>

IGNITION SWITCH (ACC) OR ACC RELAY

<F>2Y

3 D-402

25 10A

26 20A

13 15A

ETACS-ECU (TAIL LAMP RELAY)

7 7. 5A

12 15A

J/B

4 2

1 D-405 13 D-403

0. 85G *1 <F>2G *2

·A/C-ECU
·CLOCK
·COLUMN SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·KEY REMINDER SWITCH
·KOS&OSS-ECU

0. 35R

R

0. 35LG W-B

*3

0. 35LG

7 A

13 15 B

18 D-26

12

0. 85W *1 1. 25W *2

1

2

R

<F>2Y

(W-B) *1 W-B *2 (W-B) *1 W-B *2 1. 25W-B W-B

7 14

NO CONNECTION D-130

NO CONNECTION D-114

D-209 1 10 44 D-212

ACC +B <NO CONNECTION>

LHD RHD

0. 35LG

12

J/C(3) D-104

21

0. 35LG

0. 35LG

D-209 9

ILL+

COMBINATION METER (PWM)

0. 35L

11

J/C(3) D-104

10

0. 35L

19

ILL−

2

FUSIBLE LINK ②

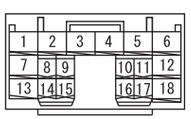
10R

1 D-409

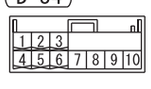
NOTE
*1 : LHD
*2 : RHD
*3 : ·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HAZARD WARNING LAMP SWITCH <RHD>
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY

A-119 1

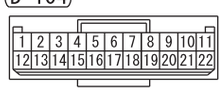
D-26



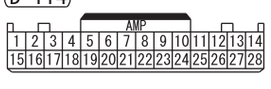
D-34



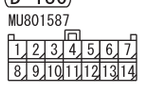
D-104



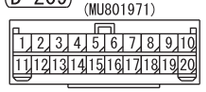
D-114



D-130 MU801587



D-209 (MU801971)



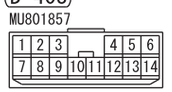
D-212



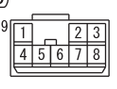
D-402 MU801331



D-403 MU801857



D-405 MU801839



D-409



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E03AC

3

ROOF ANTENNA

ANTENNA AMPLIFIER

GPS ANTENNA

1 (I-01)

ANTENNA FEEDER CABLE

ANTENNA FEEDER CABLE

GPS ANTENNA CABLE

1 (D-217)

W

14 (D-209)

NOTE
*1 : LHD
*2 : RHD

NO CONNECTION (D-130)

4 11 6 8 9 2 1 3 14

<T>0. 35BE

<T>0. 35Y

3 *1
2 *2

J/C(7) (D-213)

J/C(8) (D-214)

1

2 *1
3 *2

0. 35BE

<T>
0. 35Y *1
<T>
0. 35BE *2

<T>
0. 35BE *1
<T>
0. 35Y *2

0. 35Y

BR-W

0. 35G

0. 35B

0. 35R

0. 35W

(GR)

B

13 27

NO CONNECTION (D-114)

28

BR-W

(GR)

29 38 28 26 35 27 36 37 (D-206)

ANT IEH IEL AMPO TIR+ TIR- TIL+ TIL- <NO CONNECTION>

MULTIVISION DISPLAY

<F>2B

7 *1 20 *2

4

IGNITION SWITCH
(IG1) OR IG1 RELAY

<F>2GR

4 (D-402)

J/B

21

7. 5A

2 (D-403)

SB

13 (D-22)

A/T M/T

L-Y L-Y

3 2

INHIBITOR SWITCH (C-10)

D N R P

BACK-UP LAMP SWITCH (C-01)

ON OFF

1

R-G

4

R-G

A/T-ECU

5
C

C-01 MU802601

C-10

D-22

D-114

D-130 MU801587

D-206 MU801589

D-209 (MU801971)

D-213

D-214

D-217 MU801665

D-402 MU801331

D-403 MU801857

I-01 MU801666

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E03BC

5

6

<LHD>

<RHD>

MULTIVISION DISPLAY D-212

GND2 48

REV 43

(V–W) *1
V–W *2

B

11 D-22

·ETACS-ECU
·INSIDE REAR VIEW MIRROR ASSEMBLY
·REAR VIEW CAMERA

R–G

INHIBITOR SWITCH <A/T>
BACK-UP LAMP SWITCH <M/T>

4
C

<F>2B

4 H-09

R–G

REAR COMBINATION LAMP (BACK-UP)

7

NOTE
*1 : LHD
*2 : RHD

CACC 41

CGND 45

CDET 42

CMP+ 46

CMP– 47

Y

BR

BE

0.35B

(GR)

(GR)

4 5 8 7 6 D-20

G-Y

W

G-Y

(L-W) (LG-R) (L)

1 3 4 6 5 H-08

(Y) BR (Y-R) <T>W <T>W-R

1 3 4 6 5

REAR VIEW CAMERA H-20

CACC 41

CGND 45

CDET 42

CMP+ 46

CMP– 47

NO CONNECTION D-247

5 10 3

Y-B BR-W Y-B BR-W LG-B LG-B

4 5 8

(L-W) (LG-R) (L)

1 3 4 6 5 H-08

(Y) BR (Y-R) <T>W <T>W-R

1 3 4 6 5

REAR VIEW CAMERA H-20

(GR)

(B)

(GR)

3 J/C(10) D-245 1

3 J/C(11) D-246 1

(GR)

(B)

(GR)

7 6 D-20

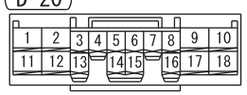
G-Y

W

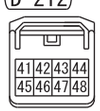
G-Y

6 5 H-08

D-20



D-212



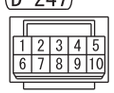
D-245



D-246



D-247



H-08 (MU000889)



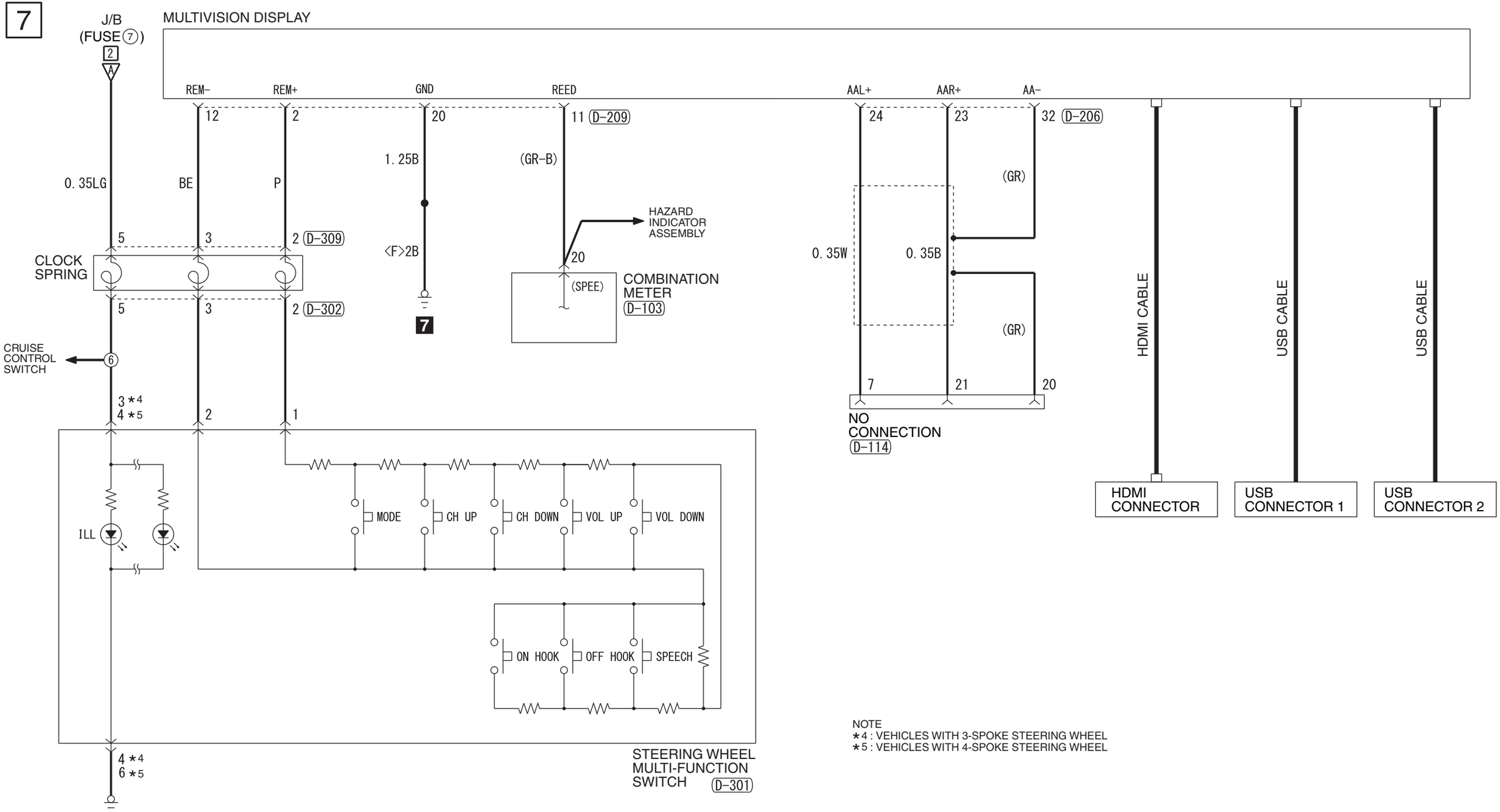
H-20 MU000889



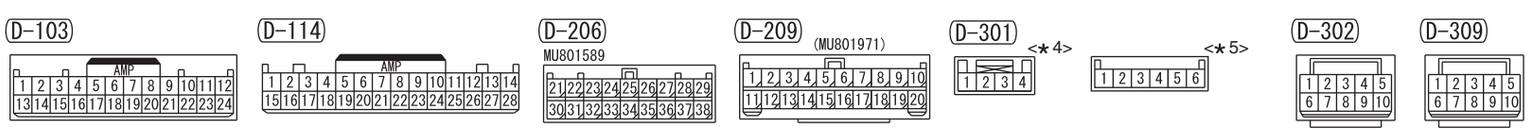
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

7

8



NOTE
*4 : VEHICLES WITH 3-SPOKE STEERING WHEEL
*5 : VEHICLES WITH 4-SPOKE STEERING WHEEL

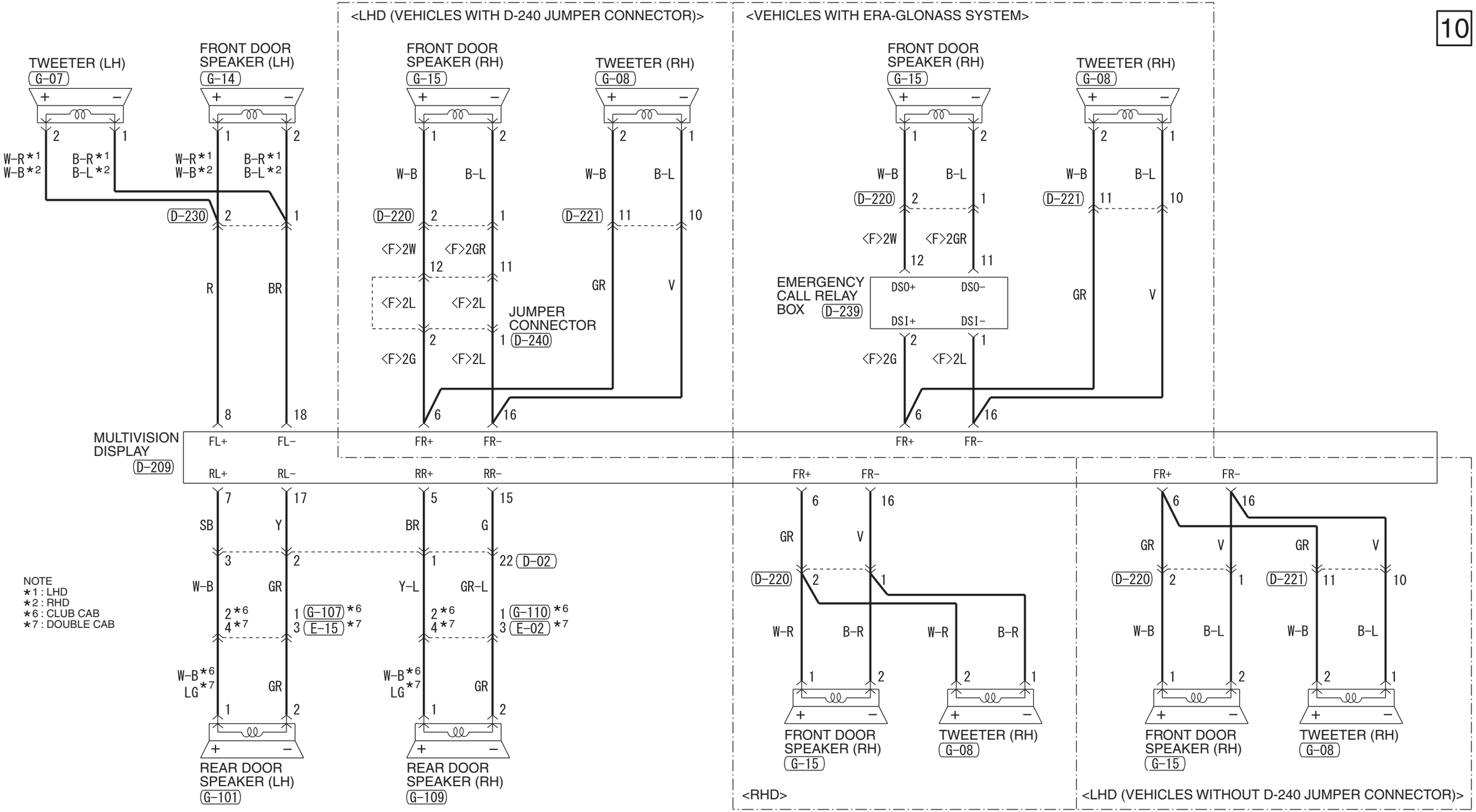


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

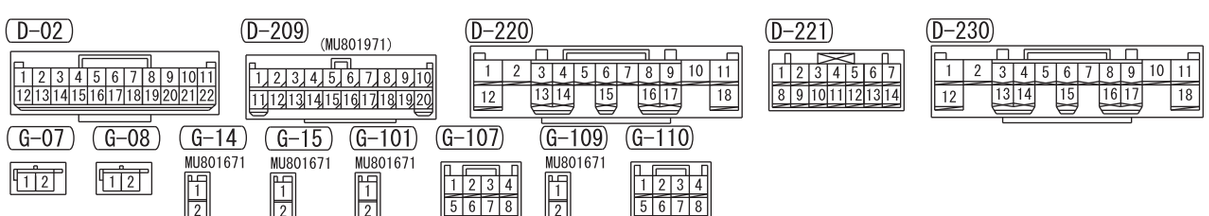
HHSQ0E03DC

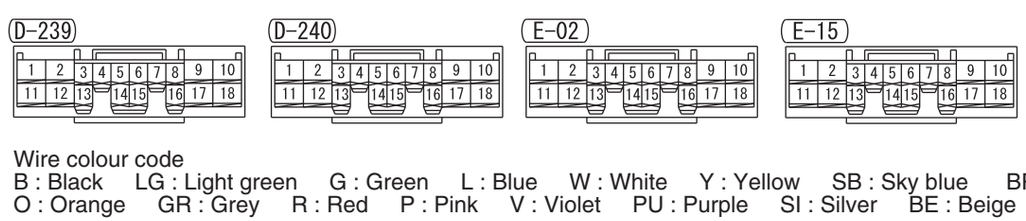
9

10



NOTE
*1 : LHD
*2 : RHD
*6 : CLUB CAB
*7 : DOUBLE CAB



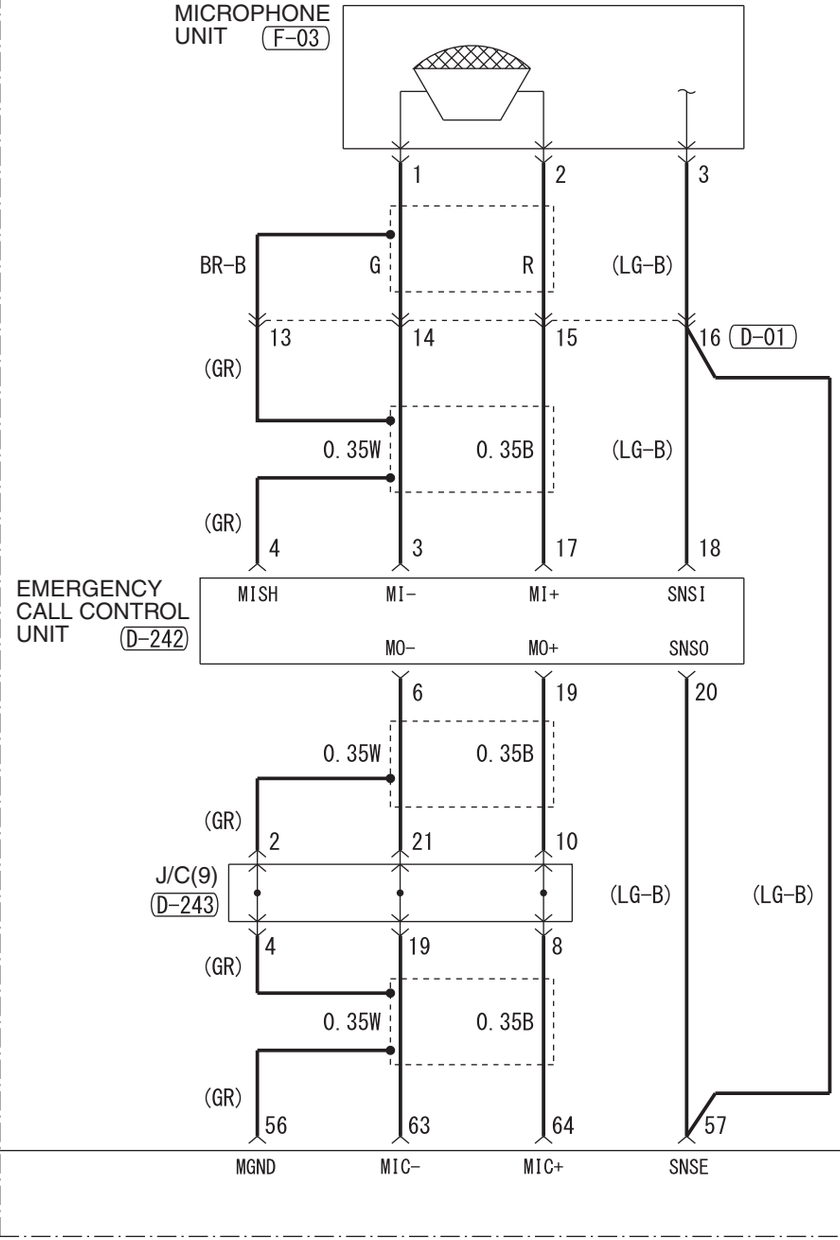


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

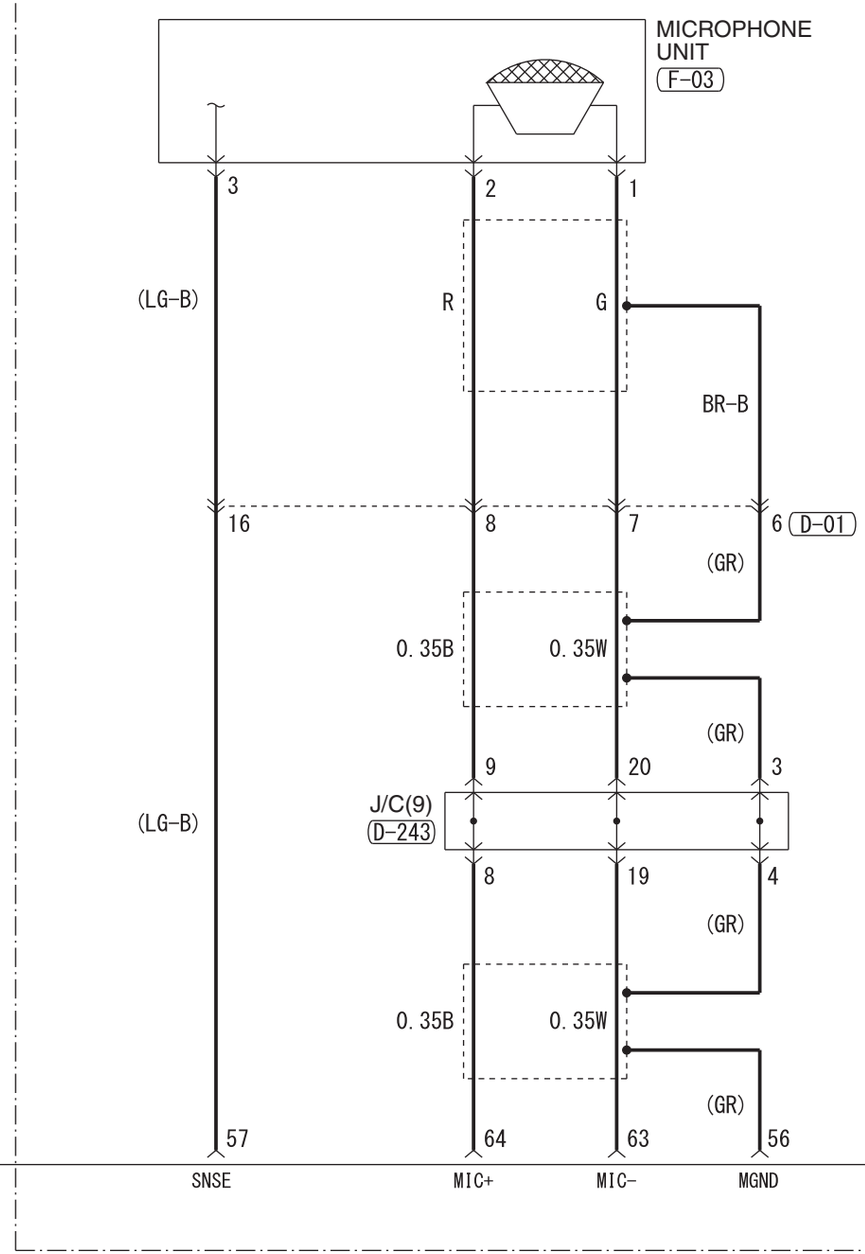
HHSQ0E03EC

11

<VEHICLES WITH ERA-GLONASS SYSTEM>

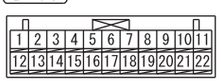


<VEHICLES WITHOUT ERA-GLONASS SYSTEM>

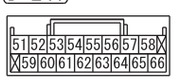


MULTIVISION DISPLAY D-241

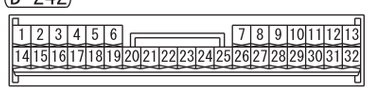
D-01



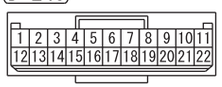
D-241



D-242



D-243



F-03



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E03FC

12

13

<LHD>

14

COMBINATION METER
D-103

CPU

(CANL) (CANH)

15 14

<T>0.35Y <T>0.35BE

13 2

J/B
(FUSE ⑫)
2
B

W-B

J/C
(CAN1)
D-133

21 10 18 7

<T>(L-W) <T>(BR-W) <T>0.35L <T>0.35SB

16 14 6

DIAGNOSIS CONNECTOR
D-229

4 5

B-W B-W

20

J/C
(CAN2)
D-112

20 9

ENGINE-ECU
D-11

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

D-04 11 12

<T>0.35G <T>0.35P

21 10

INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU
A-02

CANL CANH

4 16

<T>0.35W <T>0.35LG

20 21

<T>0.35L <T>0.35GR

16 5

14 3

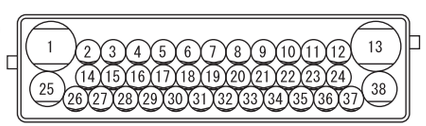
<T>0.35G <T>0.35P

13 3

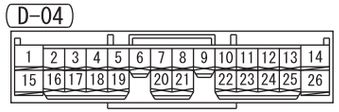
CAN− CAN+

MULTIVISION DISPLAY
D-209

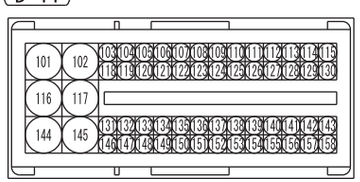
A-02



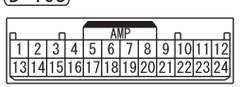
D-04



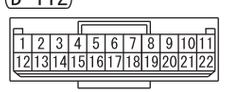
D-11



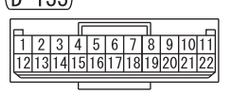
D-103



D-112

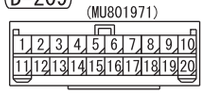


D-133



D-209

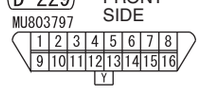
(MU801971)



D-229

MU803797

FRONT SIDE



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E03GC

15

<RHD>

INPUT SIGNAL
·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

J/B (FUSE ⑫)
2 B

MULTIVISION DISPLAY D-209
CAN− CAN+
13 3

COMBINATION METER D-103
CPU
(CANL) (CANH)
15 14

ASTC-ECU A-02
CANL CANH
4 16

<T>0.35W <T>0.35LG
<T>0.35G <T>0.35W <T>0.35Y <T>0.35BE
20 21
<T>0.35L <T>0.35GR
W-B
12 1 16 5 14 3

J/C (CAN2) D-112
17 6 22 11

<T>(L-W) <T>(BR-W) <T>0.35G <T>0.35P

16 14 6
D-04 11 12

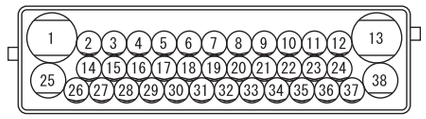
DIAGNOSIS CONNECTOR D-229
4 5

B-W B-W <T>0.35BR <T>0.35Y
109 108

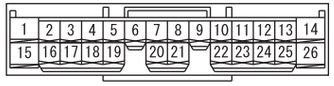
ENGINE-ECU D-11
(CANL) (CANH)

7

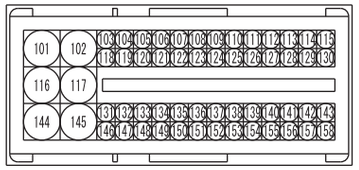
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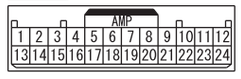
D-04



D-11



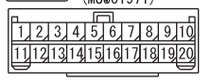
D-103



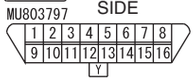
D-112



D-209 (MU801971)

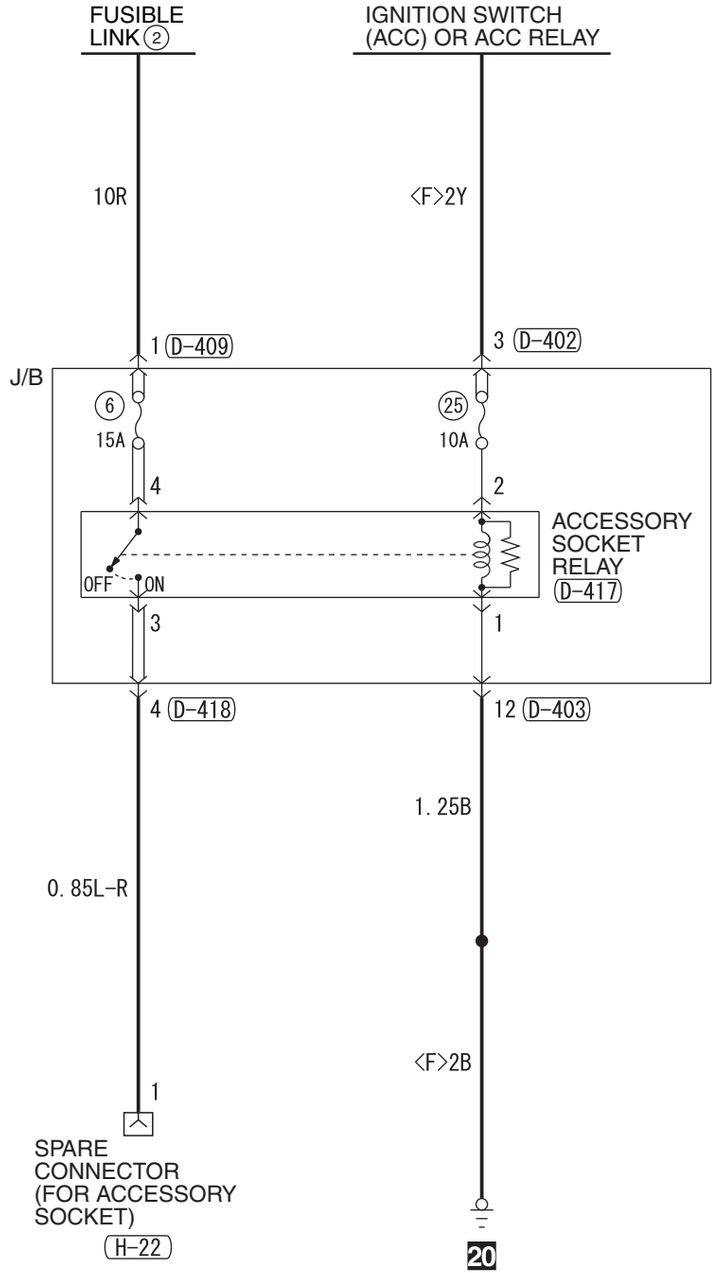


D-229 FRONT SIDE MU803797

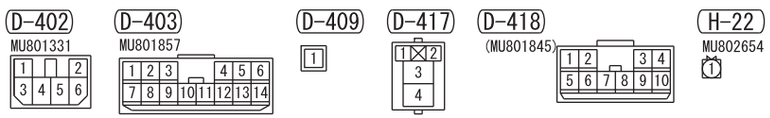


HHSQ0E03HC

1



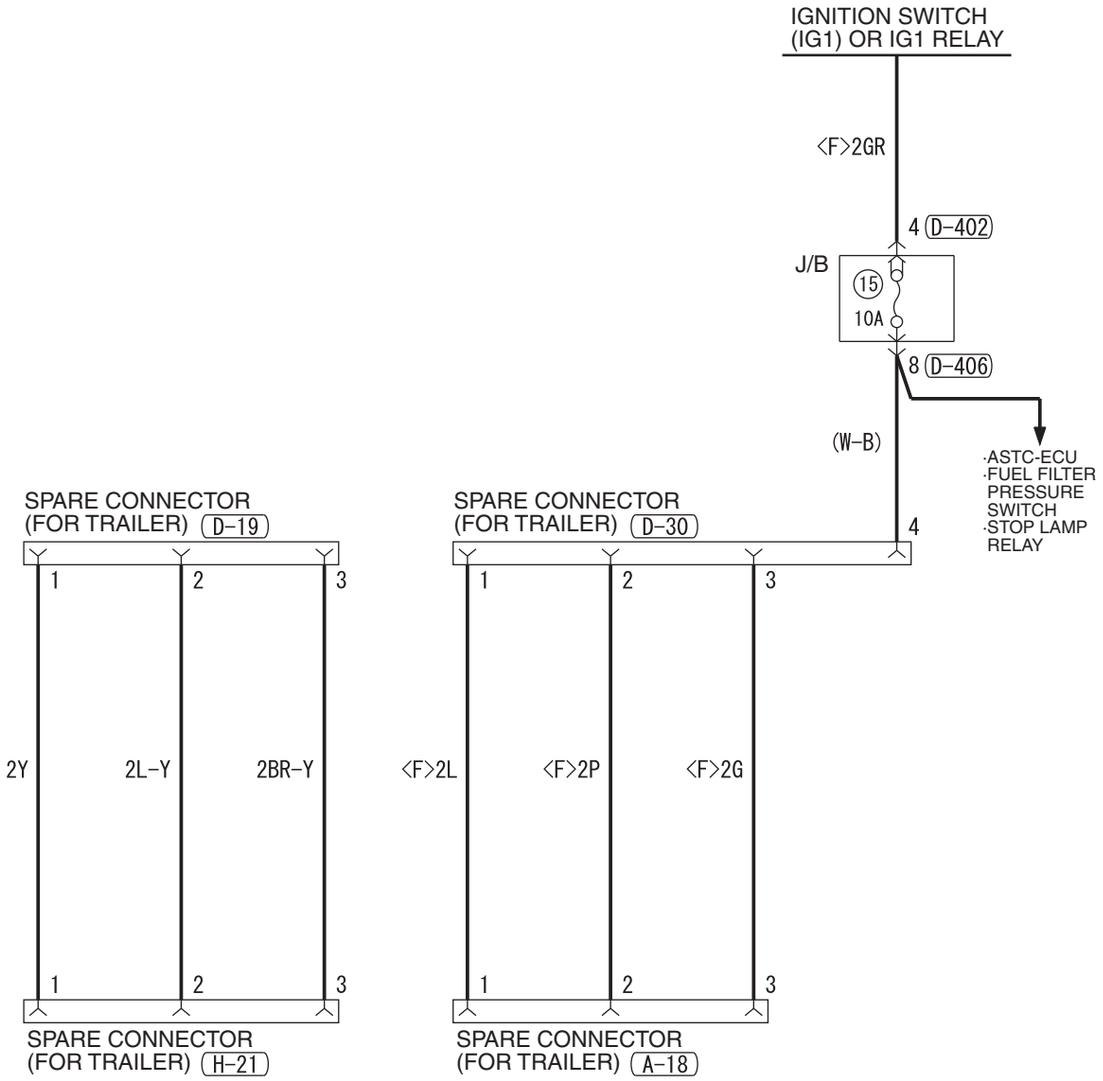
Spare connector

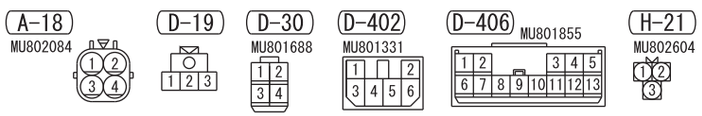


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E17AC

1





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC15E23AC

1

<VEHICLES WITH AS&G SYSTEM>

IGNITION SWITCH (ACC) OR ACC RELAY

FUSIBLE LINK ⑤

<F>2Y

3 D-402

<F>15W

1 A-119

J/B

25 10A

RELAY BOX

BF2 30A

·CLOCK
·ETACS-ECU
·SELECTOR LEVER ASSEMBLY

6 D-403

Y-B

3W

7 D-26

V

DC/DC CONVERTER D-34

6

9

IGN

PWR

GND DCCT OUT2 OUT1

10 5 8 7

1.25W-B 1.25R-W

3B R

1 2 D-26

AS&G-ECU

(W-B) (W-B) W-B

3 4 5

A B C

19

<F>2Y 1.25W-B

10 1

SPARE CONNECTOR (FOR AUDIO) D-207

<VEHICLES WITHOUT AS&G SYSTEM>

IGNITION SWITCH (ACC) OR ACC RELAY

<F>2Y

3 D-402

25 10A

26 20A

13 15A

ETACS-ECU (TAIL LAMP RELAY)

7 7.5A

FUSIBLE LINK ②

10R

1 D-409

J/B

12 15A

4 2 1 D-405 13 D-403

0.85G 0.35R 0.35LG W-B

3

*1 *2

R

0.35LG

11 G

7 H

12 18 D-26

0.85W R

1 2

0.35LG

12

J/C(3) D-104

21

COMBINATION METER (PWM)

0.35L

11

J/C(3) D-104

10

(W-B) (W-B) W-B

3 4 5

D E F

<F>2Y 1.25W-B 0.35LG 0.35L

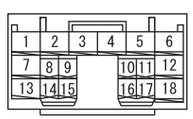
10 1 2 12

NOTE
*1 : ·A/C-ECU
·CLOCK
·COLUMN SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·KEY REMINDER SWITCH
·KOS&OSS-ECU
*2 : ·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY

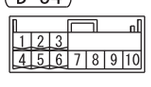
2

A-119 1

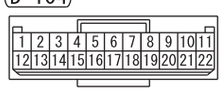
D-26



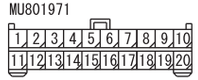
D-34



D-104



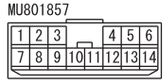
D-207 MU801971



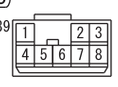
D-402 MU801331



D-403 MU801857



D-405 MU801839



D-409 1

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E00AC

3

4

DC/DC CONVERTER 1 A — J/B (FUSE 13) 2 D — ✶3 ✶4

DC/DC CONVERTER 1 B — J/B (FUSE 13) 2 E — ✶3 ✶4

SPARE CONNECTOR (FOR AUDIO) (D-204)

6 7 16 2 1 10 4 13 3 12 11

(W-B) 0.35W 0.35B (GR) BR-W 0.35BE 0.35Y BR-W 0.35G 0.35B 0.35R 0.35W (GR) (W-B)

J/C(7) (D-213) 1 2 3

J/C(8) (D-214) 1 2 3

(GR) <T>0.35Y <T>0.35LG <T>0.35BE <T>0.35Y (GR)

14 7 21 20 28 13 27 4 11 6 8 9 2 1 3 7

NO CONNECTION (D-114) 26 14 NO CONNECTION (D-130)

B B

<F>2B

7

NOTE
✶3 : VEHICLES WITH AS&G SYSTEM
✶4 : VEHICLES WITHOUT AS&G SYSTEM

(D-114) AMP 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28

(D-130) MU801587 1 2 3 4 5 6 7 8 9 10 11 12 13 14

(D-204) MU801594 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

(D-213) 1 2 3 4

(D-214) 1 2 3 4

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E00BC

5

DC/DC CONVERTER 1 C
J/B (FUSE 13) 2 F
*3 *4
W-B
1
SPARE CONNECTOR (FOR AUDIO) D-210
5 4 8 3 7 6 2
B Y BR BE 0.35B (GR) (V-W)
11 D-22
(GR)
·ETACS-ECU
·INSIDE REAR VIEW MIRROR ASSEMBLY
4 5 8 7 6 D-20
R-G
G-Y
4 H-09
<F>2B (L-W) (LG-R) (L) W G-Y R-G
2 4 3 5 6
7
NO CONNECTION H-08
REAR COMBINATION LAMP (BACK-UP)

IGNITION SWITCH (IG1)
<F>2GR
4 D-402
J/B
21
7.5A
2 D-403
SB
13 D-22
A/T M/T
L-Y
3
INHIBITOR SWITCH C-10
D N R P
4
R-G
A/T-ECU
L-Y
2
BACK-UP LAMP SWITCH C-01
ON OFF
1
R-G

NOTE
*3 : VEHICLES WITH AS&G SYSTEM
*4 : VEHICLES WITHOUT AS&G SYSTEM

6

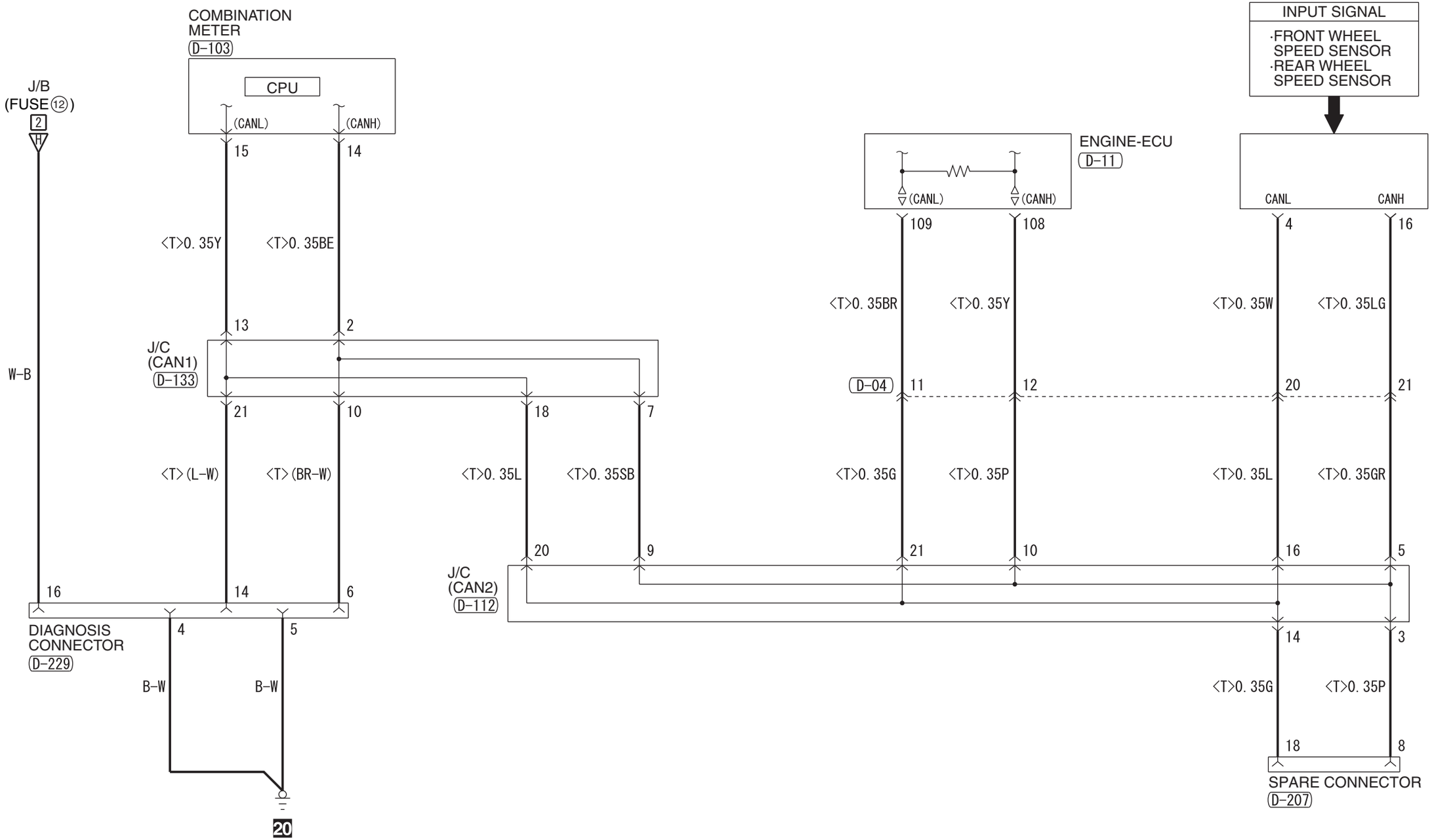
C-01 MU802601
C-10
D-20
D-22
D-210
D-402 MU801331
D-403 MU801857
H-08 MU000889
H-09 MU802609

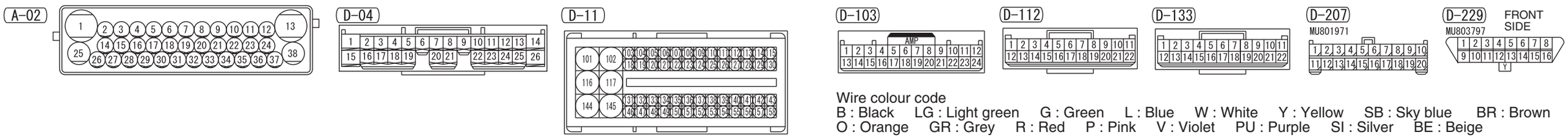
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E00CC

7

8



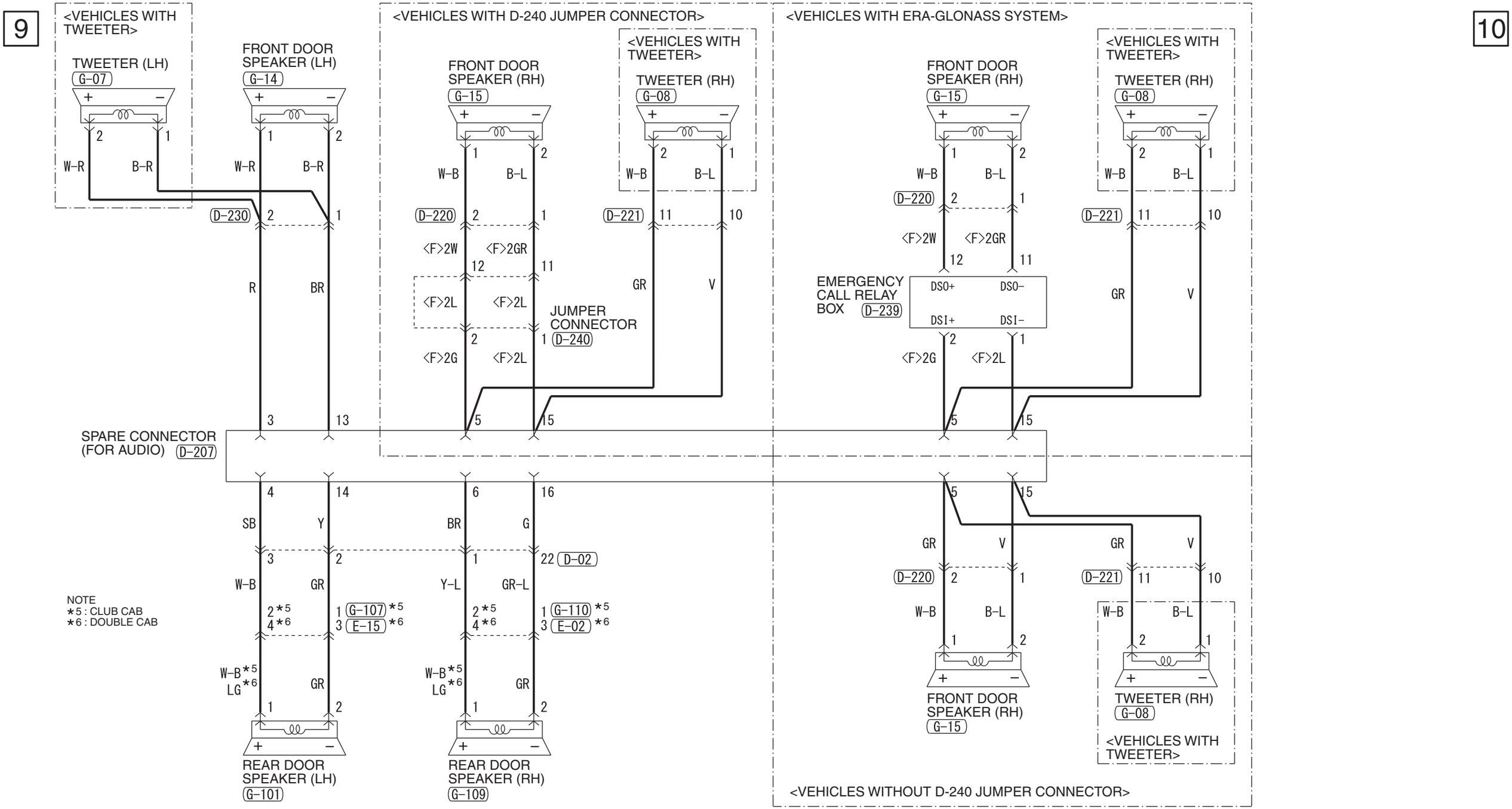


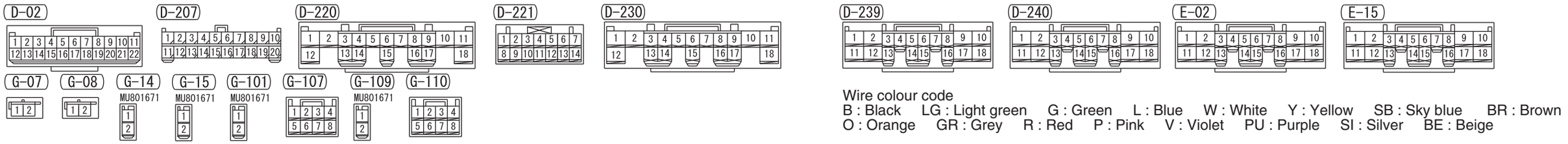
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E00DC

9

10





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E00EC

11

J/B
(FUSE⑦)
2
G

ROOF ANTENNA

ANTENNA BASE

1 I-01

ANTENNA FEEDER CABLE

1 D-217

W

17

19 9 11 20 SPARE CONNECTOR (FOR AUDIO) D-207

1.25B

0.35LG BE P (GR-B)

5 3 2 D-309

CLOCK SPRING

5 3 2 D-302

<F>2B

20

(SPEE)

HAZARD INDICATOR ASSEMBLY

7

COMBINATION METER D-103

12

NO CONNECTION D-241

11 12 3 2

(GR)

EMERGENCY CALL CONTROL UNIT

0.35B 0.35W

(GR)

8 19 4

J/C(9) D-243

(LG-B)

9 20 3

(GR)

EMERGENCY CALL CONTROL UNIT

0.35B 0.35W

(GR)

8 7 6 16 D-01

BR-B

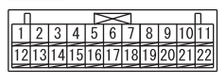
R G

(LG-B)

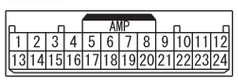
2 3 1

NO CONNECTION F-03

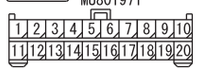
D-01



D-103



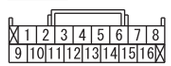
D-207 MU801971



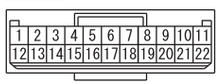
D-217 MU801665



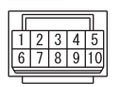
D-241



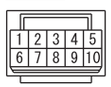
D-243



D-302



D-309



F-03



I-01 MU801666



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E00FC

1

<VEHICLES WITH AS&G SYSTEM>

IGNITION SWITCH (ACC) OR ACC RELAY

FUSIBLE LINK ⑤

<F>2Y

3 D-402

<F>15W

1 A-119

J/B

25

10A

RELAY BOX

BF2

30A

·CLOCK
·ETACS-ECU
·SELECTOR LEVER ASSEMBLY

6 D-403

Y-B

3W

7 D-26

V

DC/DC CONVERTER D-34

6

9

IGN

PWR

GND

DCCT

OUT2

OUT1

10

5

8

7

<F>2W-B

1. 25R-W

1

2 D-26

3B

R

AS&G-ECU

W-B

W-B

W-B

3

4

6

A

B

C

19

<F>2Y

1. 25W-B

10

1

SPARE CONNECTOR (FOR AUDIO) D-207

<VEHICLES WITHOUT AS&G SYSTEM>

IGNITION SWITCH (ACC) OR ACC RELAY

<F>2Y

3 D-402

25

10A

4

<F>2G

12

1. 25W

10

<F>2Y

26

20A

13

15A

2

0. 35R

3

*1

R

18 D-26

1

R

2

W-B

W-B

W-B

3

4

6

D

E

F

1. 25W-B

FUSIBLE LINK ②

10R

1 D-409

J/B

ETACS-ECU (TAIL LAMP RELAY)

7

7. 5A

12

15A

1 D-405

0. 35LG

*2

5

0. 35LG

9

G

13 D-403

W-B

7

H

0. 35LG

2

COMBINATION METER (PWM)

0. 35L

11

J/C(3) D-104

10

0. 35L

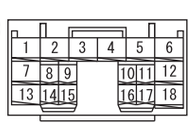
12

NOTE
*1 : ·A/C-ECU
·CLOCK
·COLUMN SWITCH
·COMBINATION METER
·KEY REMINDER SWITCH
·KOS&OSS-ECU
*2 : ·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HAZARD WARNING LAMP SWITCH
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY

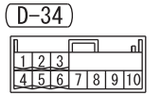
2

A-119 1

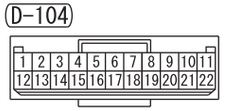
D-26



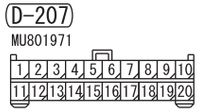
D-34



D-104



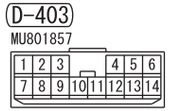
D-207 MU801971



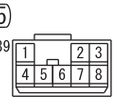
D-402 MU801331



D-403 MU801857



D-405 MU801839



D-409 1

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E01AC

3

4

DC/DC CONVERTER 1 A

J/B (FUSE ⑬) 2 D

DC/DC CONVERTER 1 B

J/B (FUSE ⑬) 2 E

*3 *4

*3 *4

SPARE CONNECTOR (FOR AUDIO)
(D-204)

6 7 16 2 1 10 4 13 3 12 11

W-B 0.35W 0.35B (GR) BR-W 0.35BE 0.35Y BR-W 0.35G 0.35B 0.35R 0.35W (GR) W-B

J/C(7) (D-213) 1 3 2

J/C(8) (D-214) 1 3 2

(GR) <T>0.35BE <T>0.35Y <T>0.35BE <T>0.35Y (GR)

14 7 21 20 28 13 27 4 11 6 8 9 2 1 3 7

NO CONNECTION
(D-114)

26 14

NO CONNECTION
(D-130)

B B

<F>2B

20

NOTE
*3 : VEHICLES WITH AS&G SYSTEM
*4 : VEHICLES WITHOUT AS&G SYSTEM

(D-114)

AMP
1 2 3 4 5 6 7 8 9 10 11 12 13 14
15 16 17 18 19 20 21 22 23 24 25 26 27 28

(D-130) MU801587

1 2 3 4 5 6 7
8 9 10 11 12 13 14

(D-204) MU801594

1 2 3 4 5 6 7 8 9
10 11 12 13 14 15 16 17 18

(D-213)

1 2 3 4

(D-214)

1 2 3 4

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

5

6

NO CONNECTION D-210

NO CONNECTION D-247

NO CONNECTION H-08

DC/DC CONVERTER

J/B (FUSE 13)

IGNITION SWITCH (IG1) OR IG1 RELAY

J/B

7.5A

A/T

M/T

INHIBITOR SWITCH C-10

BACK-UP LAMP SWITCH C-01

J/C(10) D-245

J/C(11) D-246

·ETACS-ECU
·INSIDE REAR VIEW MIRROR ASSEMBLY
·REAR VIEW CAMERA

A/T-ECU

REAR COMBINATION LAMP (BACK-UP)

NOTE
*3 : VEHICLES WITH AS&G SYSTEM
*4 : VEHICLES WITHOUT AS&G SYSTEM

C-01 MU802601

C-10

D-20

D-22

D-210

D-245

D-246

D-247

D-402 MU801331

D-403 MU801857

H-08 MU000889

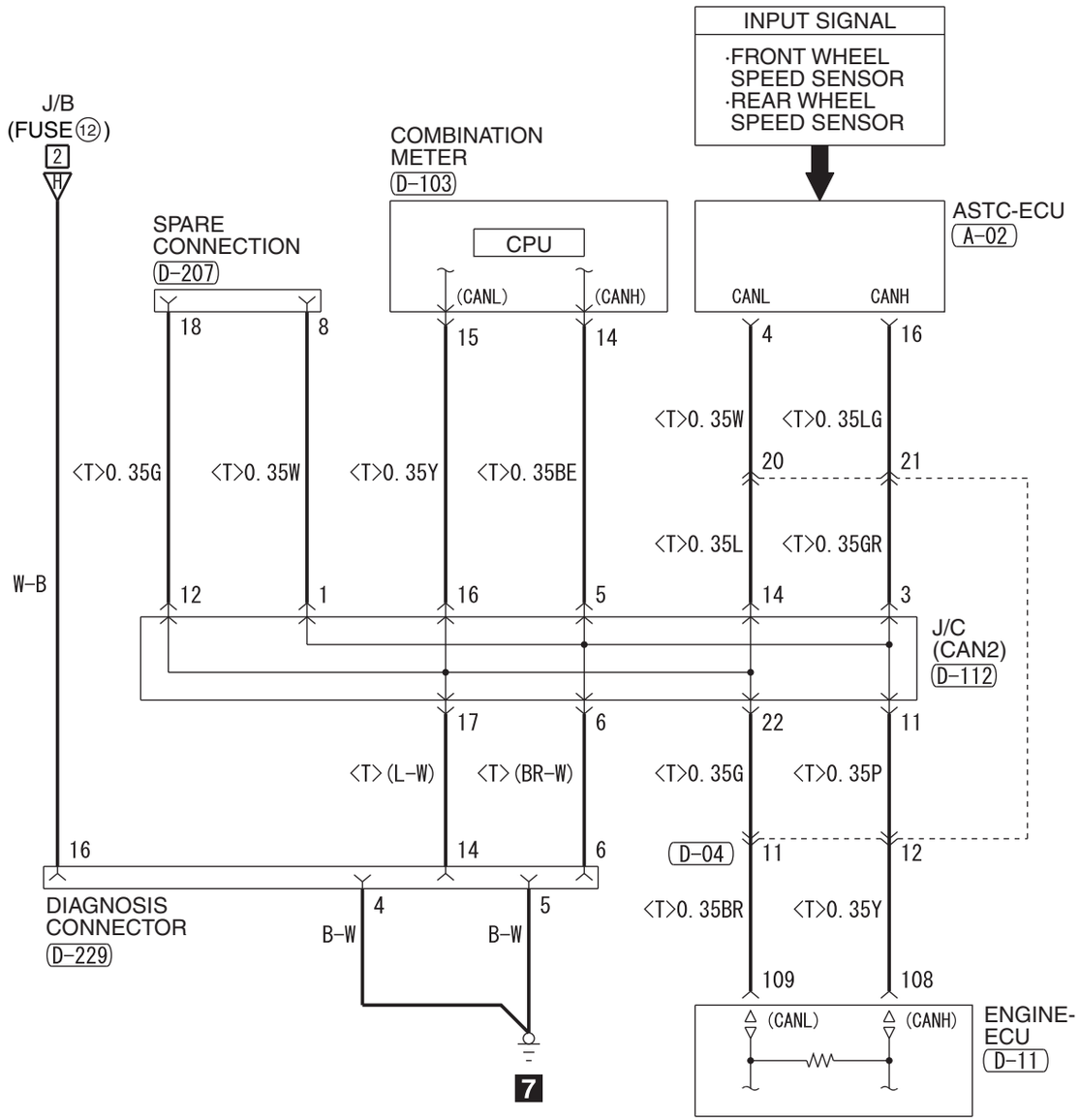
H-09 MU802609

H-20 MU000889

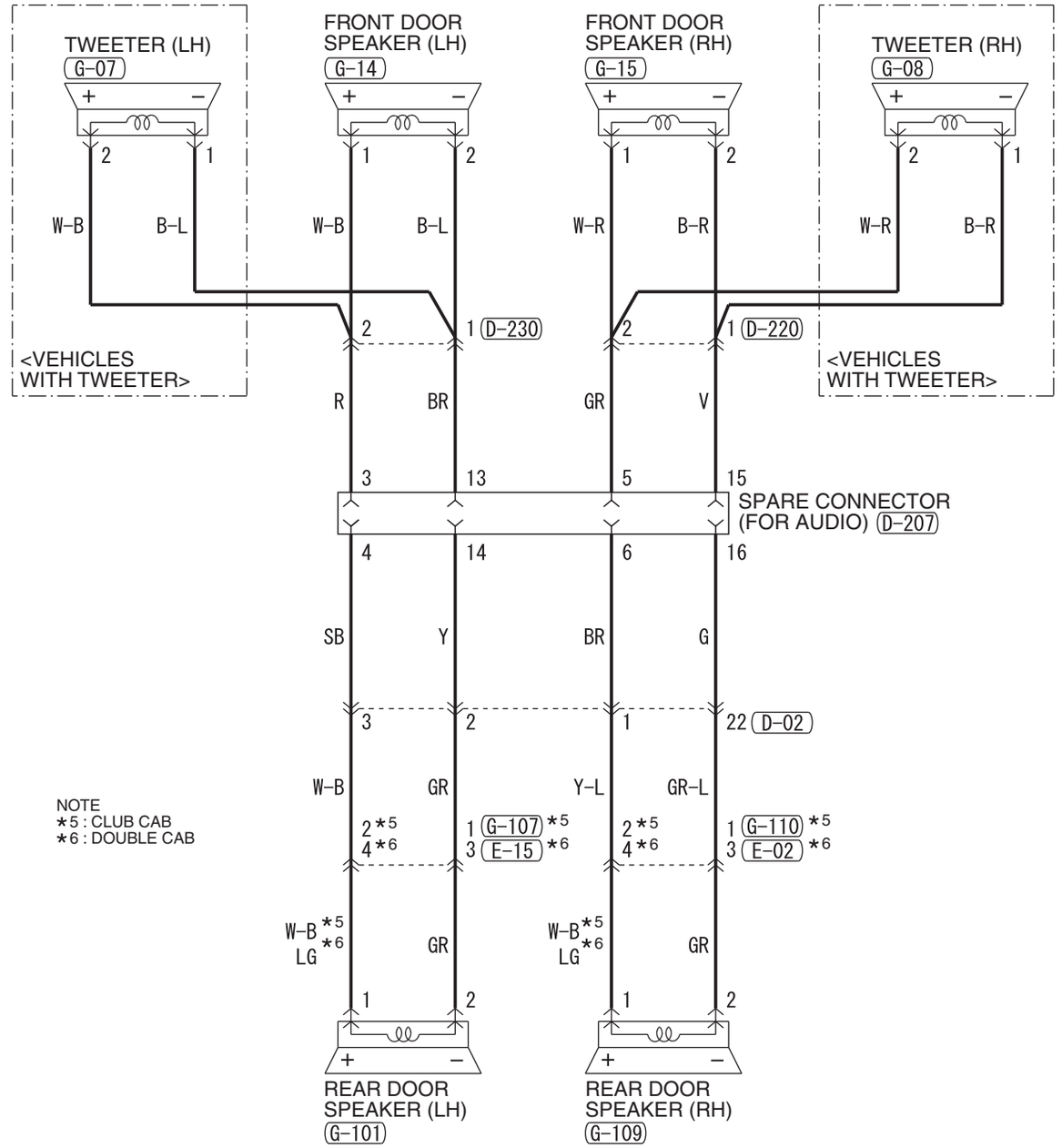
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E01CC

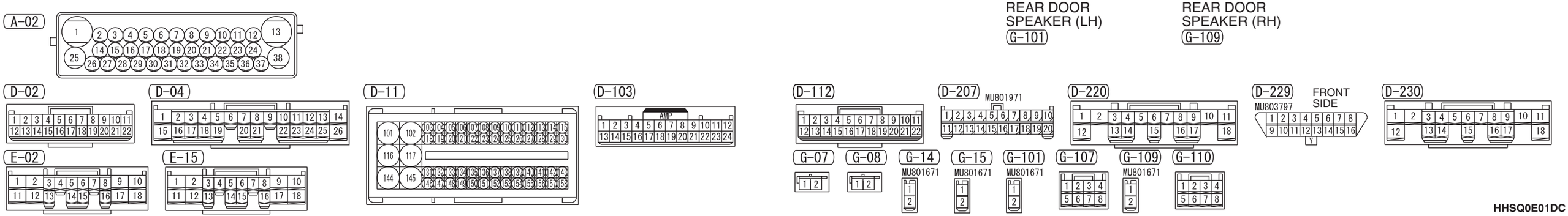
7



8

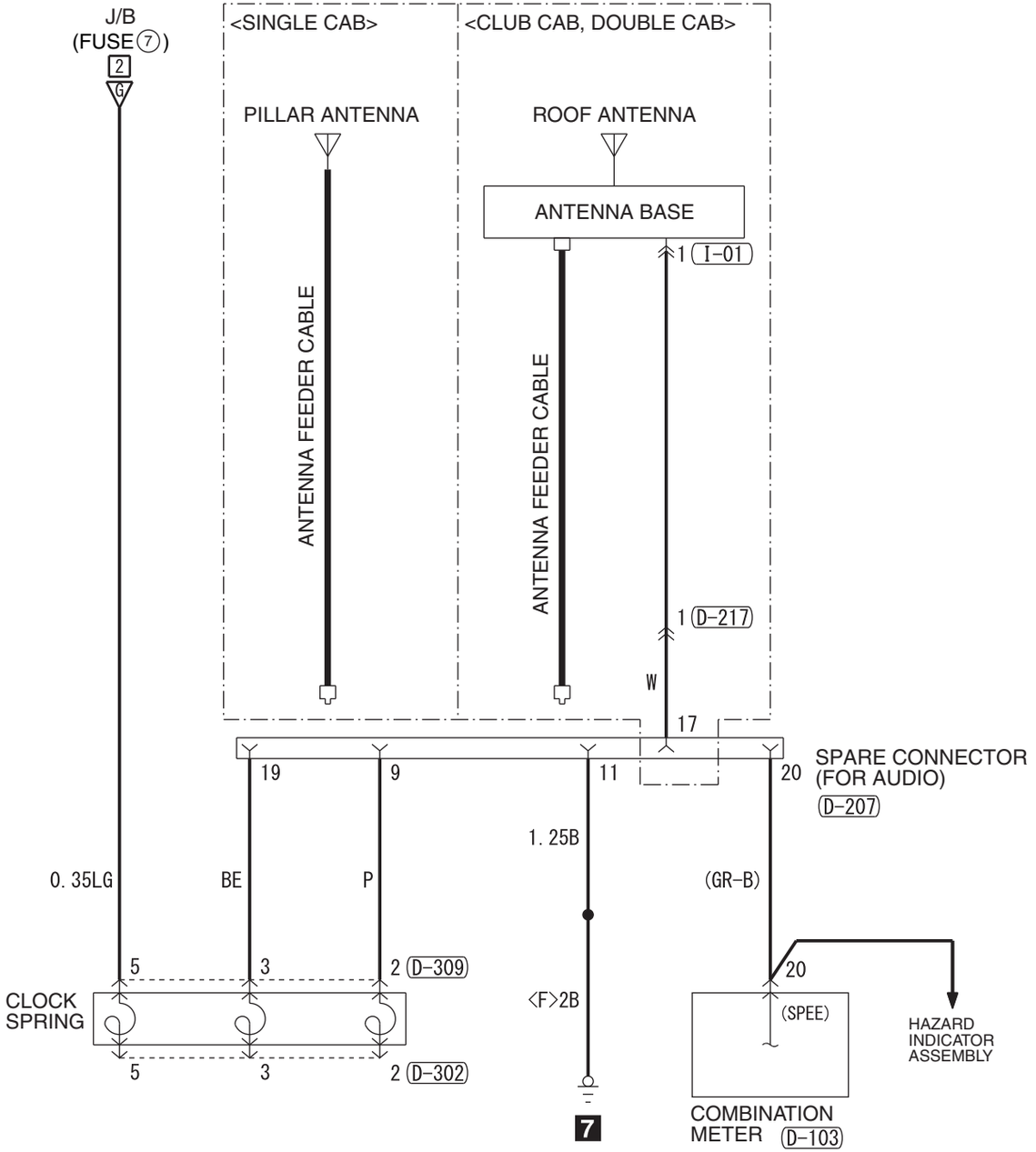


NOTE
*5 : CLUB CAB
*6 : DOUBLE CAB

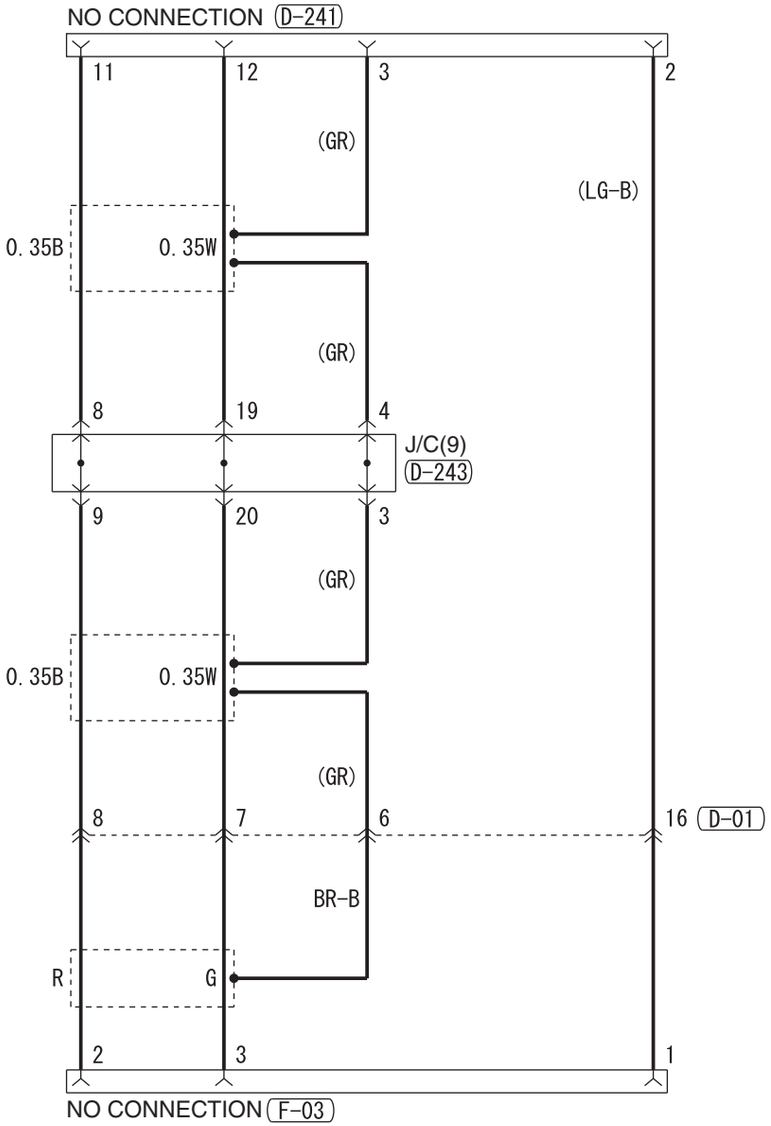


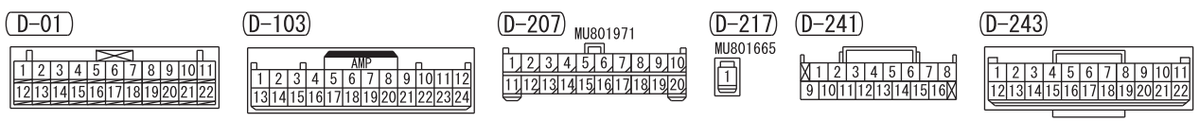
HHSQ0E01DC

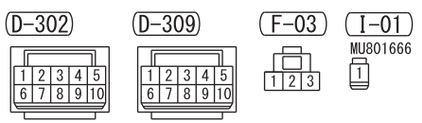
9



10







Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSQ0E01EC

1

2

Starting system

BATTERY

40B-R

AS&G-ECU (D-33)

STRL 23

STCR 25

ST 31

CLTR 29

FUSIBLE LINK (SBF3)

V-W

<F>2W

V

(G-W)

(V-W)

RELAY BOX

STARTER RELAY (A-118X)

STARTER CUT RELAY (A-125X)

OFF ON

<F>2BR

F20 7.5A

<F>2BR

0.35R

2

13 (A-121)

<F>2LG

4 (A-123)

2B-W

B

9

J/C(1) (A-105)

2

8

1 (B-13)

1 (B-14)

STARTER

OFF ON

M

B

<F>2B

16

19

IGNITION SWITCH (IG1) OR IG1 RELAY

IGNITION SWITCH (ST)

<F>2GR

<F>2P

4

2 (D-402)

J/B

9 7.5A

4 7.5A

14 (D-403)

5 (D-407)

(BR-W)

NEUTRAL POSITION SWITCH

26 (D-04)

(L-W)

·AS&G-ECU ·ENGINE-ECU

2

CLUTCH INTERLOCK SWITCH (D-18)

OFF ON

1

KOS& OSS-ECU (D-222)

STO

25

0.35LG

10 (D-04)

VEHICLES WITHOUT KOS

VEHICLES WITH KOS

(G-W)

LG

6 (D-09)

111 (D-11)

ENGINE-ECU

NTSW

ST

A-105 (MU801852)

A-118X

A-121 MU801855

A-123 MU802645

A-125X

B-13

B-14 (MU801211)

D-04

D-09

D-11

D-18 MU801669

D-33

D-222

D-402

D-403

MU801331

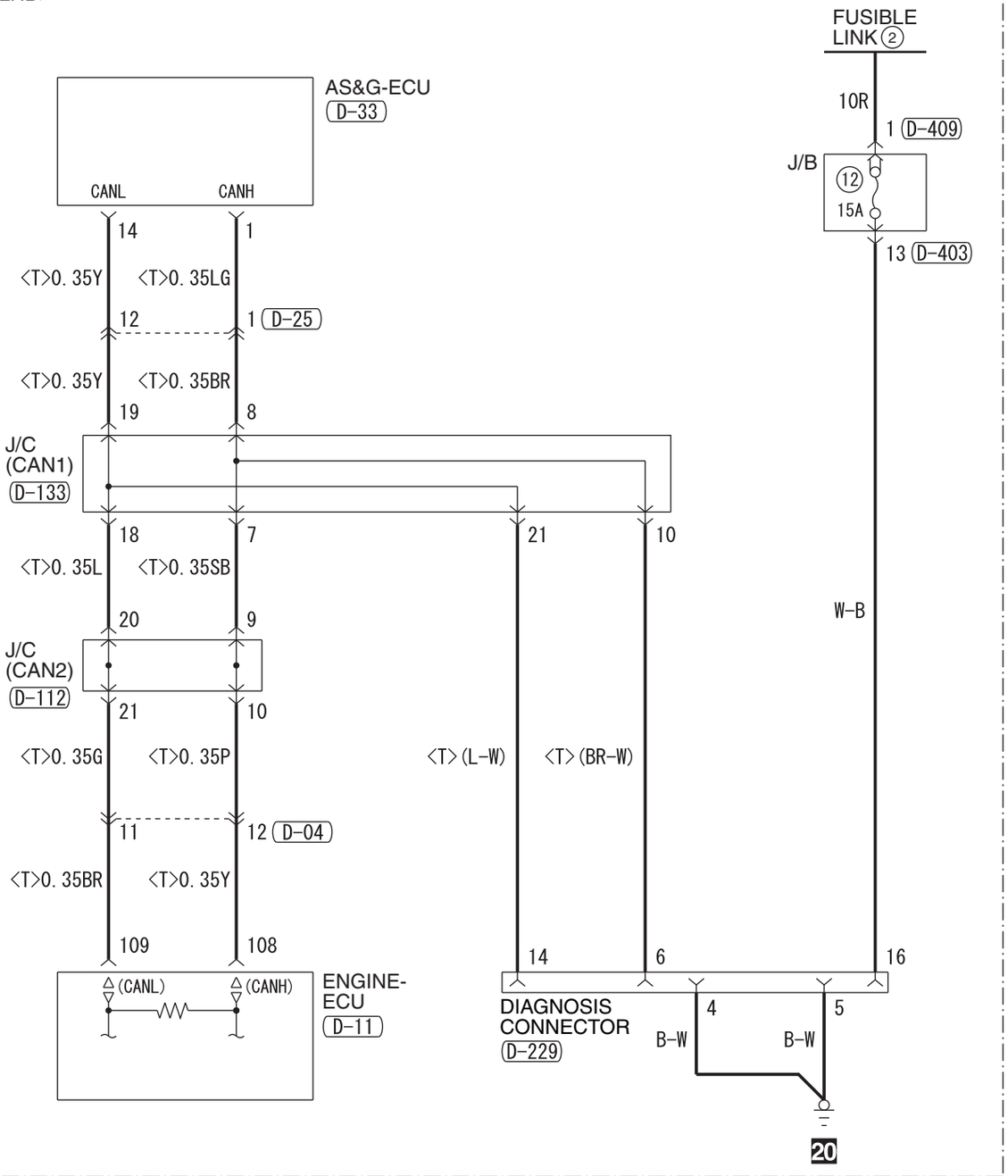
MU801857

D-407 MU801867

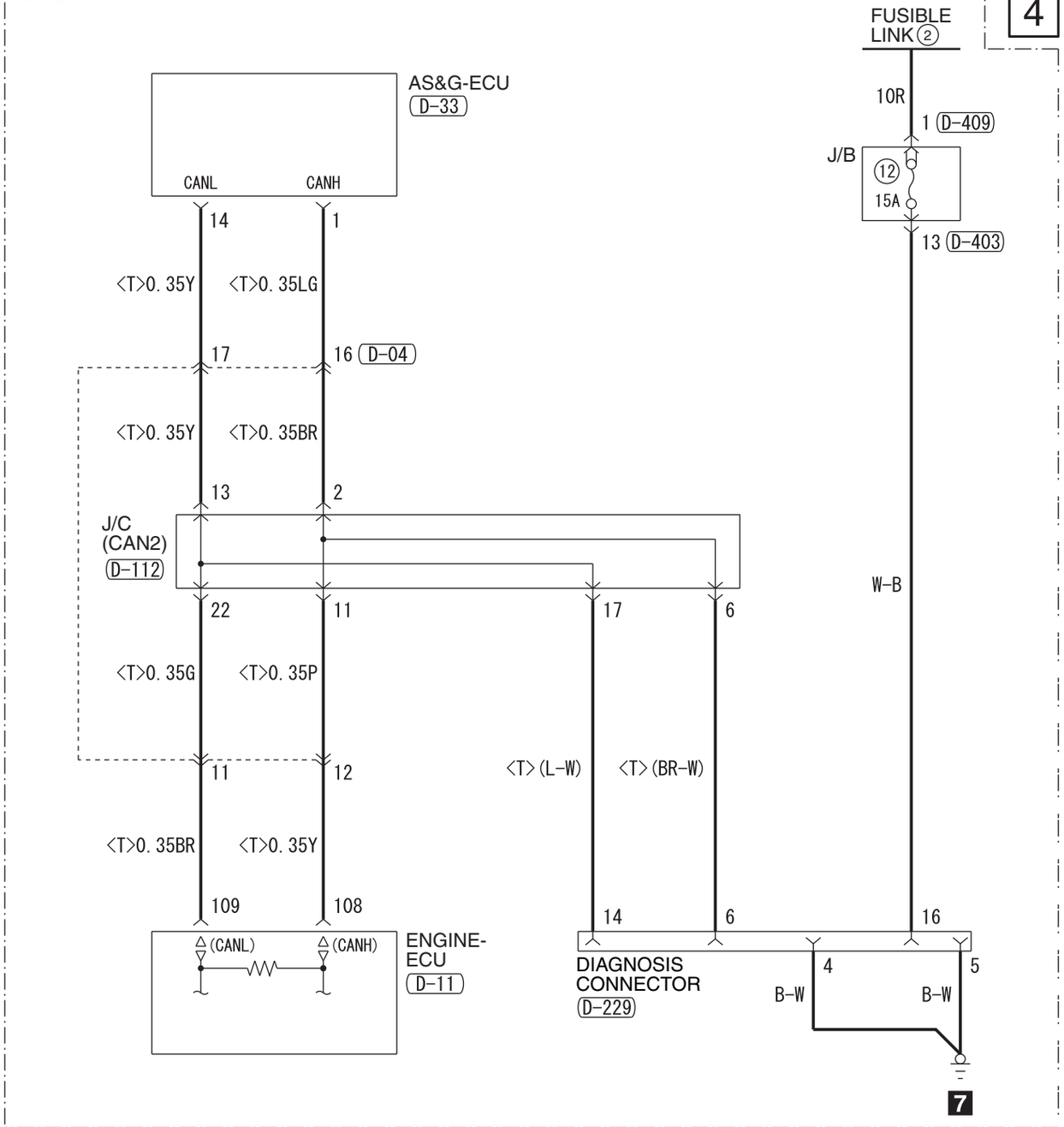
HHC02E01AC

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<LHD>

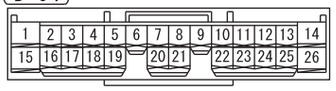


<RHD>

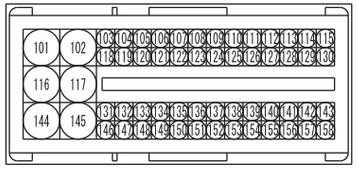


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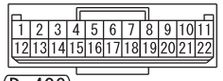
D-04



D-11



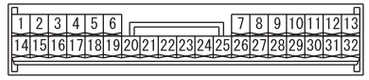
D-25



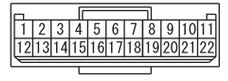
D-409

1

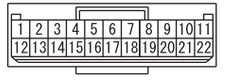
D-33



D-112



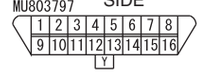
D-133



D-229

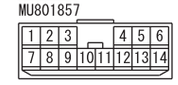
MU803797

FRONT SIDE



D-403

MU801857



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHC02E01BC

1

2

BATTERY

FUSIBLE LINK SBF3

40B-R

<F>2W

M/T

A/T

(L-W)

2

CLUTCH INTERLOCK SWITCH D-18

OFF ON

1

V-W

L-W

8

R-B

1

INHIBITOR SWITCH C-10

D N R P

9

B-Y

9 D-21

V-W

RELAY BOX

4

1

STARTER RELAY A-118X

OFF ON

3

2

<F>2BR

2 A-121

<F>2LG

4 A-123

2B-W

1 B-13

1 B-14

STARTER

OFF ON

M

B

9

J/C(1) A-105

2

B

<F>2B

16

19

V-W

13 A-121

LG

6

9 D-03

LG

18 D-09

IGNITION SWITCH (ST)

<F>2P

2 D-402

J/B

4

7.5A

5 D-407

KOS& OSS-ECU D-222

STO

25

0.35LG

10 D-04

VEHICLES WITHOUT KOS

VEHICLES WITH KOS

(G-W)

111 D-11

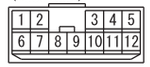
NTSW

STRL

ST

ENGINE-ECU

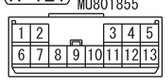
A-105 (MU801852)



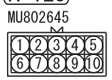
A-118X



A-121 MU801855



A-123 MU802645



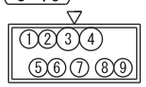
B-13



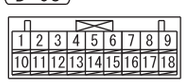
B-14 (MU801211)



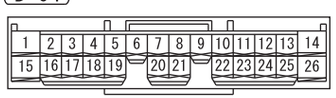
C-10



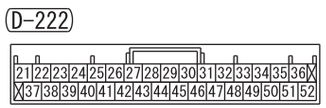
D-03



D-04



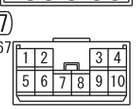
D-222



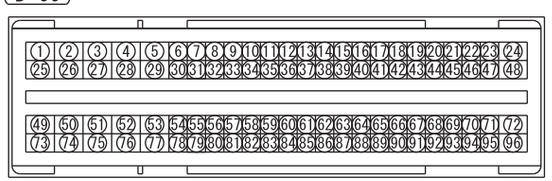
D-402 MU801331



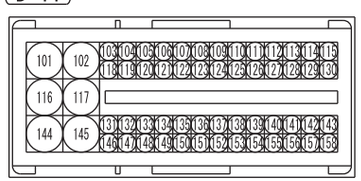
D-407 MU801867



D-09



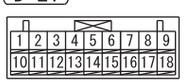
D-11



D-18 MU801669

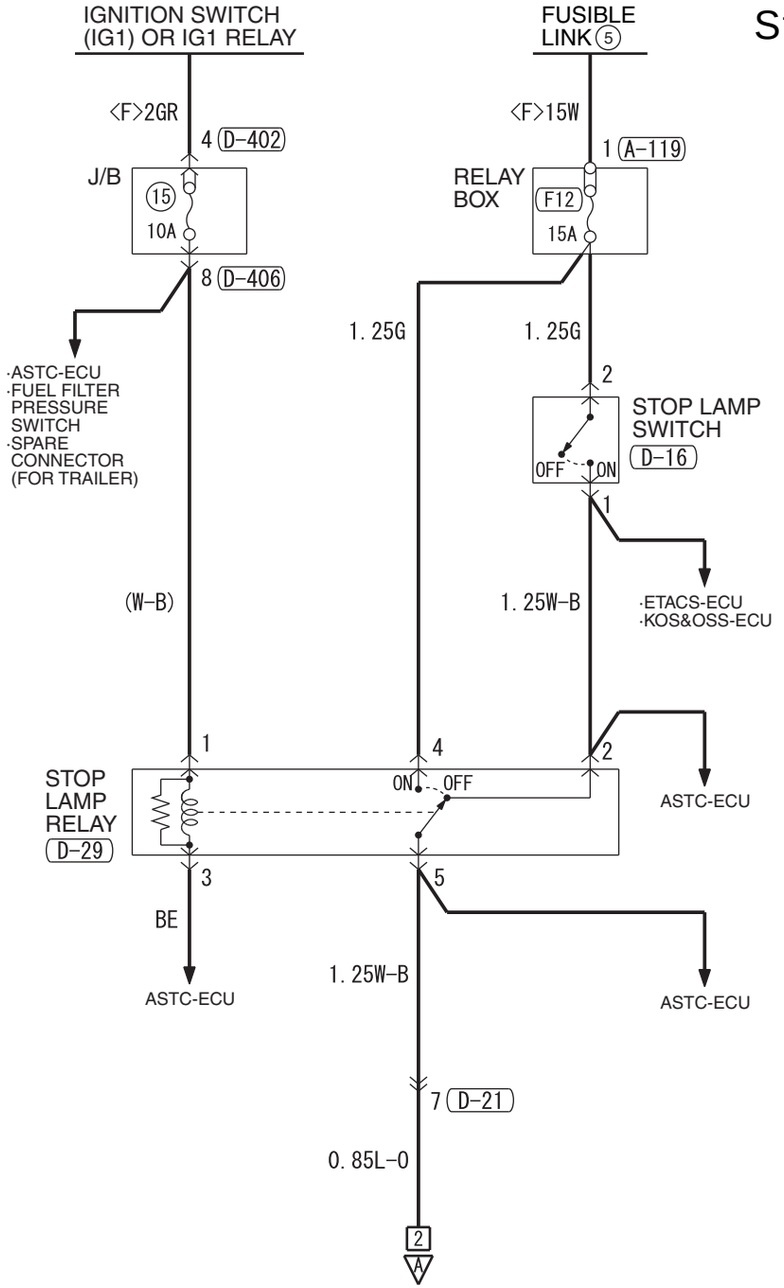


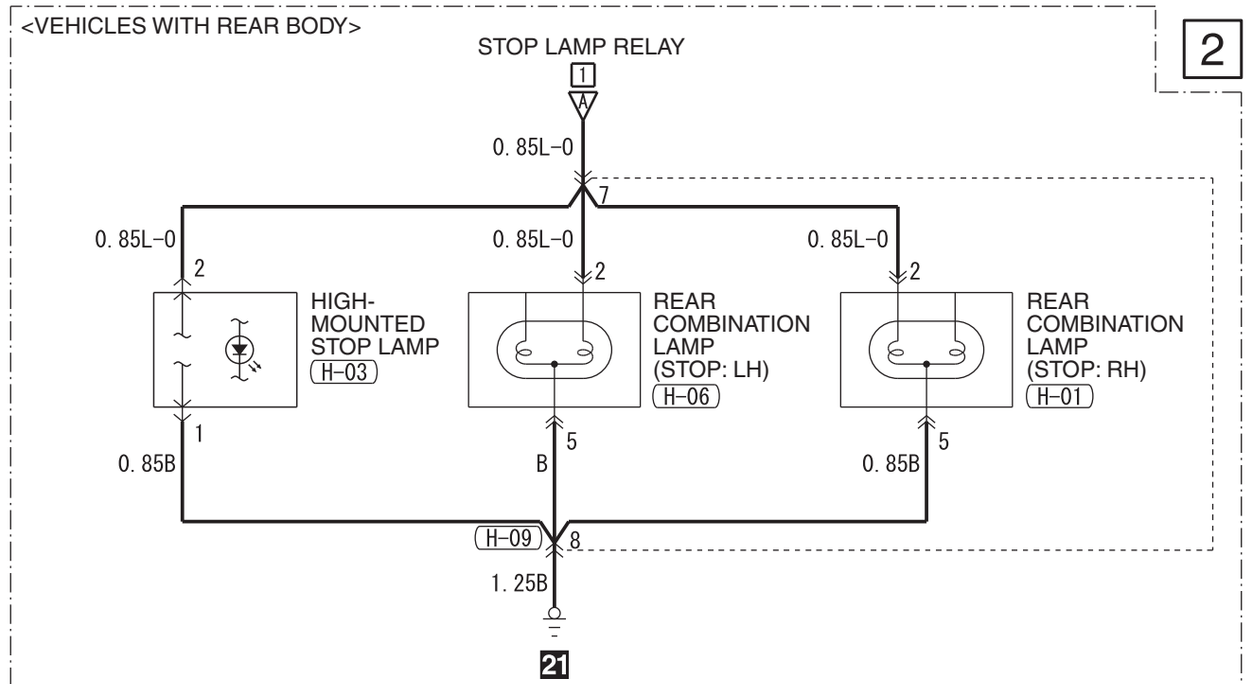
D-21

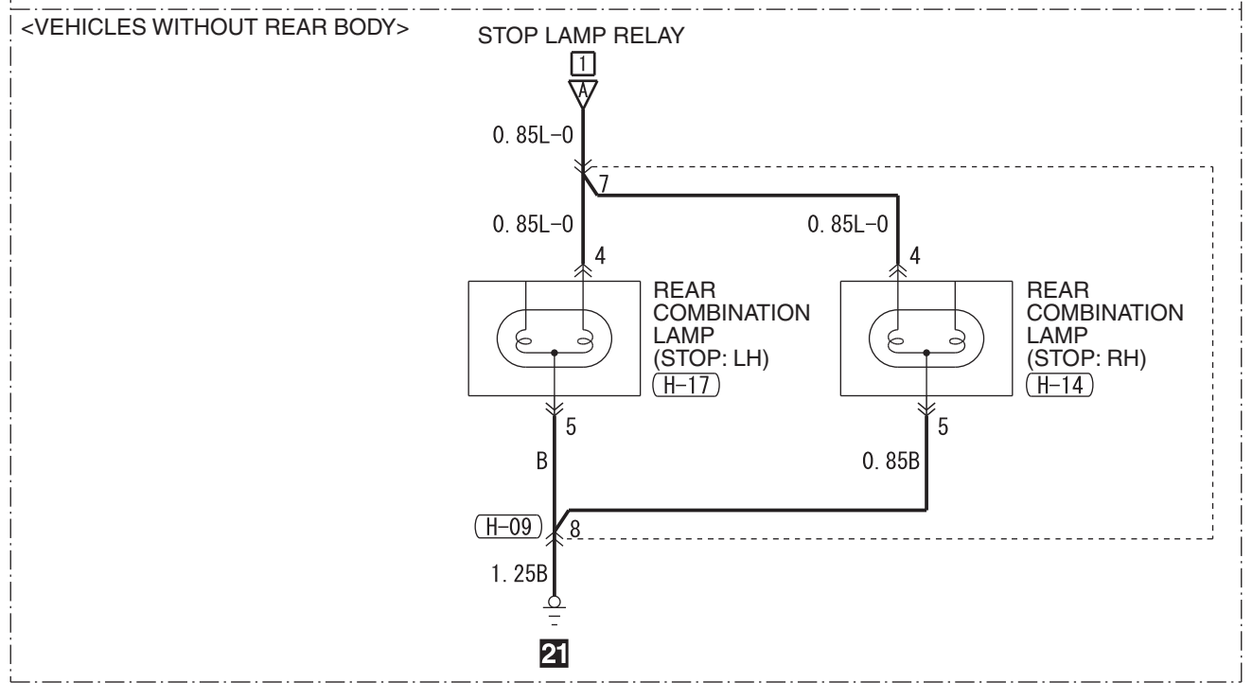


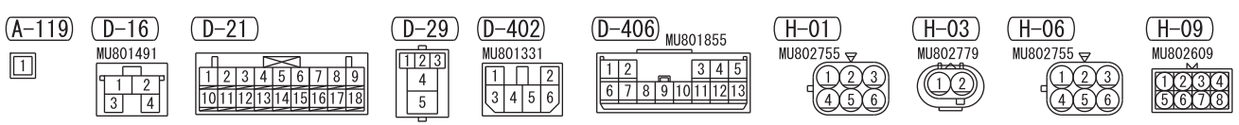
HHC02E00AC

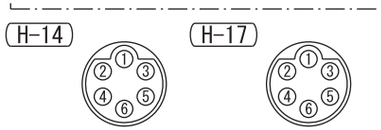
Stop lamp











Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

1

2

Super select 4WD system

NOTE
★1 : LHD
★2 : RHD
★3 : Switched off when 2WD is engaged.
★4 : Switched on when 2WD is engaged.

FUSIBLE LINK (SBF1)
3R
RELAY BOX
F9 20A
<F>2R
14 (D-04)
<F>2R
32
+B1

IGNITION SWITCH (IG1) OR IG1 RELAY
<F>2GR
4 (D-402)
J/B
15 10A
6 (D-405)
L
2
0.35L
6 8 A
0.35L
37
IG

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·ETACS-ECU
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR

TRANSFER-ECU

GND1 31 <F>2B
CANL 55 <T>0.35G 6 8 B
CANH 56 (D-132) <T>0.35SB 6 8 C

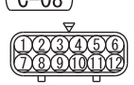
TM1 1 0.75V 14 0.85G-Y 5
TM2 2 (D-131) 0.75Y 1 0.85G-R 6
TL1 48 Y 24 BR 4
TL2 49 LG 23 LG-R 3
TL3 50 (D-132) P 22 V 2
4WD 16 GR 21 W-R 10
HM1 6 0.75LG 15 0.85L-R 11
HM2 5 (D-131) 0.75BE 26 0.85L-B 12
HL1 38 BR 19 W 7
HL2 39 BE 20 (D-22) L-W 8

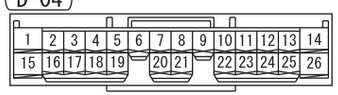
TRANSFER MOTOR
TRANSFER LIMIT SWITCH1
TRANSFER LIMIT SWITCH2
TRANSFER LIMIT SWITCH3
4L DETECTION SWITCH
HIGH-LOW MOTOR
HIGH-LOW LIMIT SWITCH1 ★3
HIGH-LOW LIMIT SWITCH2 ★4

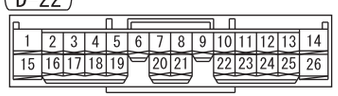
TRANSFER ACTUATOR
(C-08)

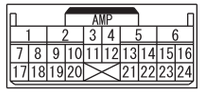
1 0.85B
9 0.85B
21

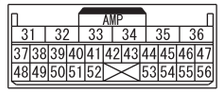
20 ★1 7 ★2

(C-08)


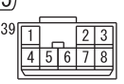
(D-04)


(D-22)


(D-131)


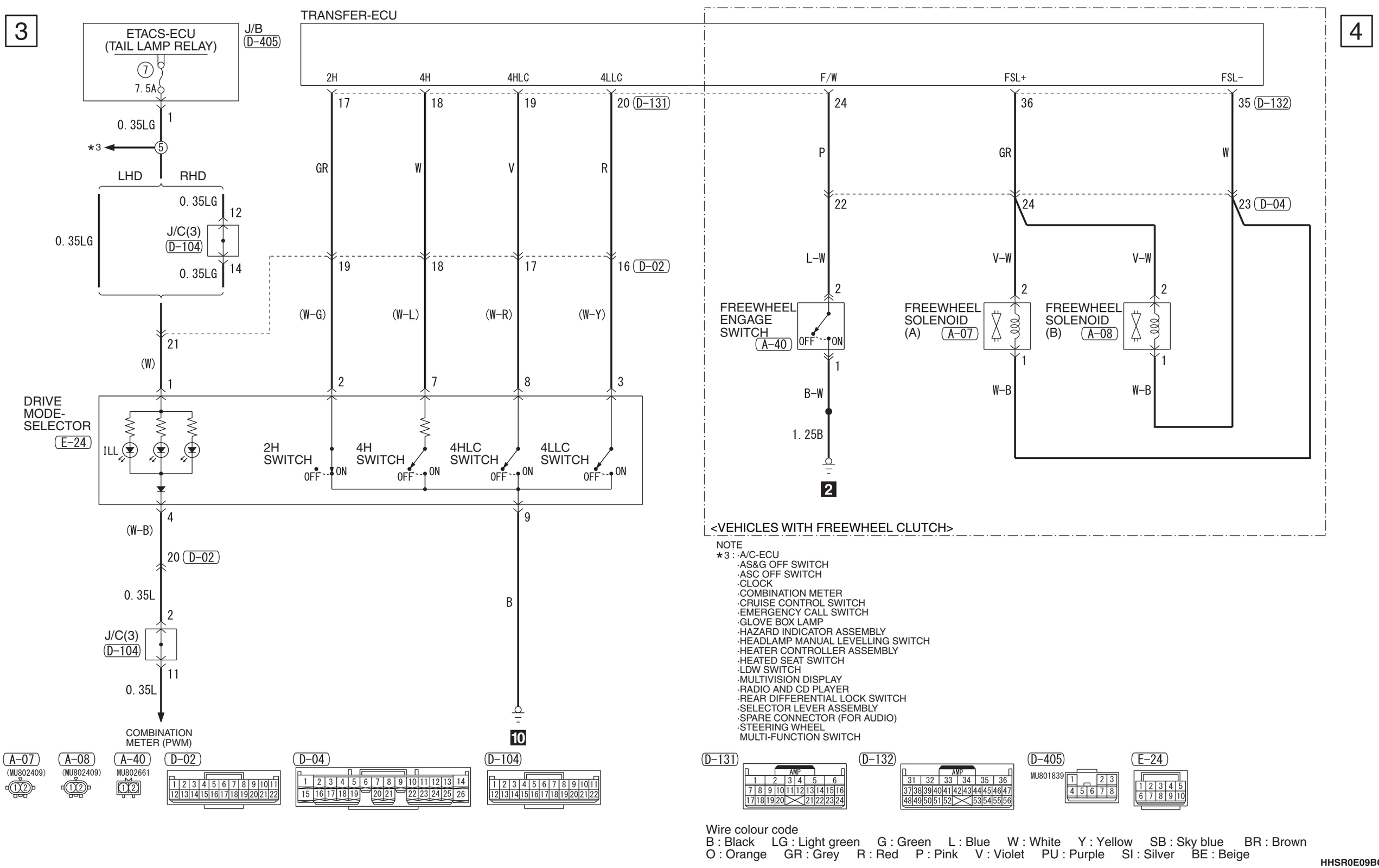
(D-132)


(D-402)


(D-405)


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E09AC


3
4
ETACS-ECU
(TAIL LAMP RELAY)
J/B
D-405
7
7.5A
0.35LG
1
*3
5
LHD
RHD
0.35LG
12
J/C(3)
D-104
0.35LG
14
21
(W)
1
DRIVE
MODE-
SELECTOR
E-24
ILL
TRANSFER-ECU
2H
4H
4HLC
4LLC
F/W
FSL+
FSL-
17
18
19
20
D-131
24
36
35
D-132
GR
W
V
R
P
GR
W
22
24
23
D-04
19
18
17
16
D-02
L-W
V-W
V-W
(W-G)
(W-L)
(W-R)
(W-Y)
2
2
2
FREEWHEEL
ENGAGE
SWITCH
A-40
OFF
ON
FREEWHEEL
SOLENOID
(A)
A-07
FREEWHEEL
SOLENOID
(B)
A-08
1
1
1
B-W
W-B
W-B
1.25B
2
2H
SWITCH
4H
SWITCH
4HLC
SWITCH
4LLC
SWITCH
OFF
ON
2
7
8
3
4
9
(W-B)
20
D-02
0.35L
2
J/C(3)
D-104
11
0.35L
B
COMBINATION
METER (PWM)
10
NOTE
*3 : ·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·EMERGENCY CALL SWITCH
·GLOVE BOX LAMP
·HAZARD INDICATOR ASSEMBLY
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATER CONTROLLER ASSEMBLY
·HEATED SEAT SWITCH
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·SPARE CONNECTOR (FOR AUDIO)
·STEERING WHEEL
MULTI-FUNCTION SWITCH
<VEHICLES WITH FREEWHEEL CLUTCH>
A-07
(MU802409)
A-08
(MU802409)
A-40
MU802661
D-02
D-04
D-104
D-131
D-132
D-405
MU801839
E-24
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige
HHSR0E09BC

5

6

<LHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

A/T-ECU (D-24)

CANL CANH

16 24

<T> (B-W) <T> (R)

13 14 (D-20)

INPUT SIGNAL

ACCELERATOR PEDAL POSITION SENSOR

ENGINE-ECU (D-11)

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

11 12

<T>0.35G <T>0.35P

21 10

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR
·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL CANH

4 16

<T>0.35W <T>0.35LG

20 21 (D-04)

<T>0.35L <T>0.35GR

16 5

J/C (CAN2) (D-112)

20 9

<T>0.35L <T>0.35SB

18 7

TRANSFER-ECU

1 B 1 C

<T>0.35G <T>0.35SB

15 4

J/C (CAN1) (D-133)

12 1

21 10

<T> (L-W) <T> (BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

20

J/B (FUSE (15))

1 A

0.35L

13 2

<T>0.35Y <T>0.35BE

15 14 2

COMBINATION METER (D-103)

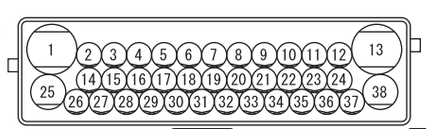
(CANL) (CANH) (IG+)

MULTI-INFORMATION DISPLAY SWITCH

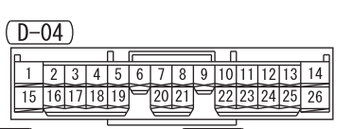
CPU

4L C/D LOCK REAR WHEEL : LH FRONT WHEEL : LH FRONT WHEEL : RH REAR WHEEL : RH

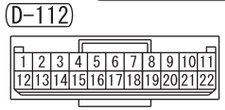
A-02



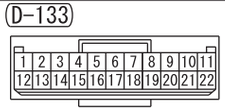
D-04



D-112



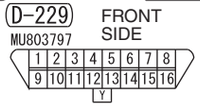
D-133



D-229

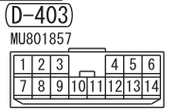
MU803797

FRONT SIDE



D-403

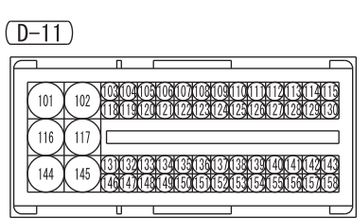
MU801857



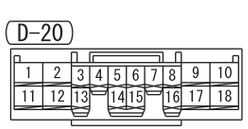
D-409

1

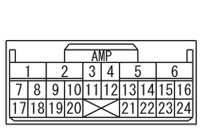
D-11



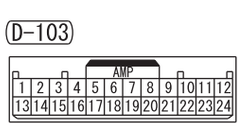
D-20



D-24



D-103



Wire colour code

B : Black LG : Light green G : Green L : Blue W : White
Y : Yellow SB : Sky blue BR : Brown O : Orange GR : Grey
R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E09CC

7

<RHD>

8

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

16

DIAGNOSIS CONNECTOR (D-229)

4 B-W

5 B-W

7

A/T-ECU (D-24)

CANL 16 <T> (B-W)

CANH 24 <T> (R)

13

14 (D-20)

<T>0. 35G 19

<T>0. 35P 8

J/C (CAN1) (D-133)

18 <T>0. 35L

7 <T>0. 35SB

21

10

J/C (CAN2) (D-112)

17 <T> (L-W)

6 <T> (BR-W)

INPUT SIGNAL

ACCELERATOR PEDAL POSITION SENSOR

ENGINE-ECU (D-11)

(CANL)

(CANH)

109 <T>0. 35BR

108 <T>0. 35Y

11

12

<T>0. 35G 22

<T>0. 35P 11

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR

·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL 4 <T>0. 35W

CANH 16 <T>0. 35LG

20

21 (D-04)

<T>0. 35L 14

<T>0. 35GR 3

TRANSFER-ECU

1 B

1 C

<T>0. 35G 15

<T>0. 35SB 4

16

5

<T>0. 35Y 15

<T>0. 35BE 14

J/B (FUSE (15))

1 A

0. 35L 2

COMBINATION METER (D-103)

(CANL) 15

(CANH) 14

(IG+) 2

MULTI-INFORMATION DISPLAY SWITCH

CPU

4L

C/D LOCK

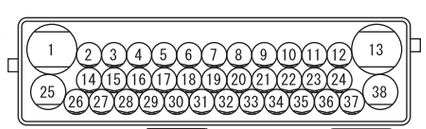
REAR WHEEL : LH

FRONT WHEEL : LH

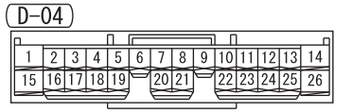
FRONT WHEEL : RH

REAR WHEEL : RH

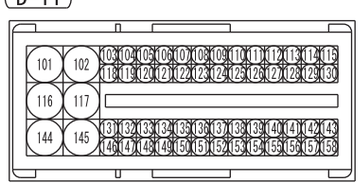
A-02



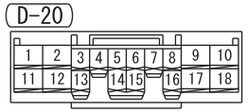
D-04



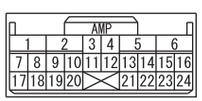
D-11



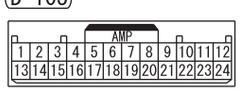
D-20



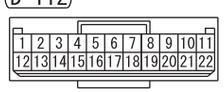
D-24



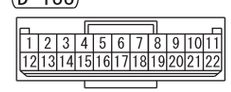
D-103



D-112



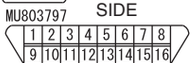
D-133



D-229

MU803797

FRONT SIDE



D-403

MU801857



D-409

1

Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown

O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E09DC

1

Supplemental restraint system (SRS)

2

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 D-402

J/B

15 10A

21 7.5A

6 D-405

5

8 D-403

L

P-B

R-W

27

21 D-225

SRS-ECU

IG1A

IG1B

FRONT IMPACT SENSOR (LH) A-19

2

1

<T> 0.35Y

<T> 0.35BR

22

21 D-25

<T> L-W

<T> LG-B

22

23

FLH+

FLH-

FRONT IMPACT SENSOR (RH) A-32

2

1

<T> 0.35L

<T> 0.35P

9

8 D-04

<T> B-W

<T> L-W

37

36

FRH+

FRH-

CONNECTOR LOCK SWITCH*

OFF ON

OFF ON

31

32

8

9 D-227

2

0.35L <LHD>

L <RHD>

9 B

0.35L

7 8 A

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·ETACS-ECU
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

GND2

30

B-W

18

DQ1+

DQ1-

38

39

CONNECTOR LOCK SWITCH*

OFF ON OFF ON

G-W

4

W-B

3

CLOCK SPRING D-310

CONNECTOR LOCK SWITCH*

<F>Y-R

<F>Y-L

1

2

CONNECTOR LOCK SWITCH*

DRIVER'S AIR BAG MODULE (SQUIB) D-314

ASQ+

ASQ-

41

40

CONNECTOR LOCK SWITCH*

GR-B

BR-W

2

1

CONNECTOR LOCK SWITCH*

PASSENGER'S (FRONT) AIR BAG MODULE (SQUIB) D-216

NOTE
* : CONNECTOR COUPLED: ON
CONNECTOR UNCOUPLED: OFF

A-19 A-32 D-04 D-25 D-216 (MU000806) D-225 D-227 D-310 D-314 D-402 MU801331 D-403 MU801857 D-405 MU801839

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E00AC

3

<CLUB CAB>

SRS-ECU (D-227)

PD2+ PD2− PTD+ PTD− PTA+ PTA−

14 13 11 12 19 20

OFF ON OFF ON

CONNECTOR LOCK SWITCH*

L L−R R R−W R−Y R−L

2 1 4 3 (G-106) <LHD> 3 (G-111) <RHD> 4 3 (G-111) <LHD> 3 (G-106) <RHD>

CONNECTOR LOCK SWITCH *

L L−R R−Y R−L R−Y R−L

2 1 2 1 2 1

OFF ON OFF ON CONNECTOR LOCK SWITCH *

DRIVER'S LAP PRE-TENSIONER (G-123)

<VEHICLES WITH SIDE-AIRBAG AND CURTAIN AIR BAG>

SEAT BELT PRE-TENSIONER (DRIVER'S SIDE) (G-113)

SEAT BELT PRE-TENSIONER (PASSENGER'S SIDE) (G-104)

4

<SINGLE CAB OR DOUBLE CAB>

SRS-ECU (D-227)

PD2+ PD2− PTD+ PTD− PTA+ PTA−

14 13 11 12 19 20

OFF ON OFF ON

CONNECTOR LOCK SWITCH*

L L−R R R−W R−Y R−L

2 1 2 1 2 1

OFF ON OFF ON CONNECTOR LOCK SWITCH *

DRIVER'S LAP PRE-TENSIONER (E-18)

<VEHICLES WITH SIDE-AIRBAG AND CURTAIN AIR BAG>

SEAT BELT PRE-TENSIONER (DRIVER'S SIDE) (E-17)

SEAT BELT PRE-TENSIONER (PASSENGER'S SIDE) (E-30)

NOTE
* : CONNECTOR COUPLED : ON
CONNECTOR UNCOUPLED : OFF

(D-227) (E-17) (MU000806) (E-18) (E-30) (MU000806) (G-104) (MU000806) (G-106) (G-111) (G-113) (MU000806) (G-123)

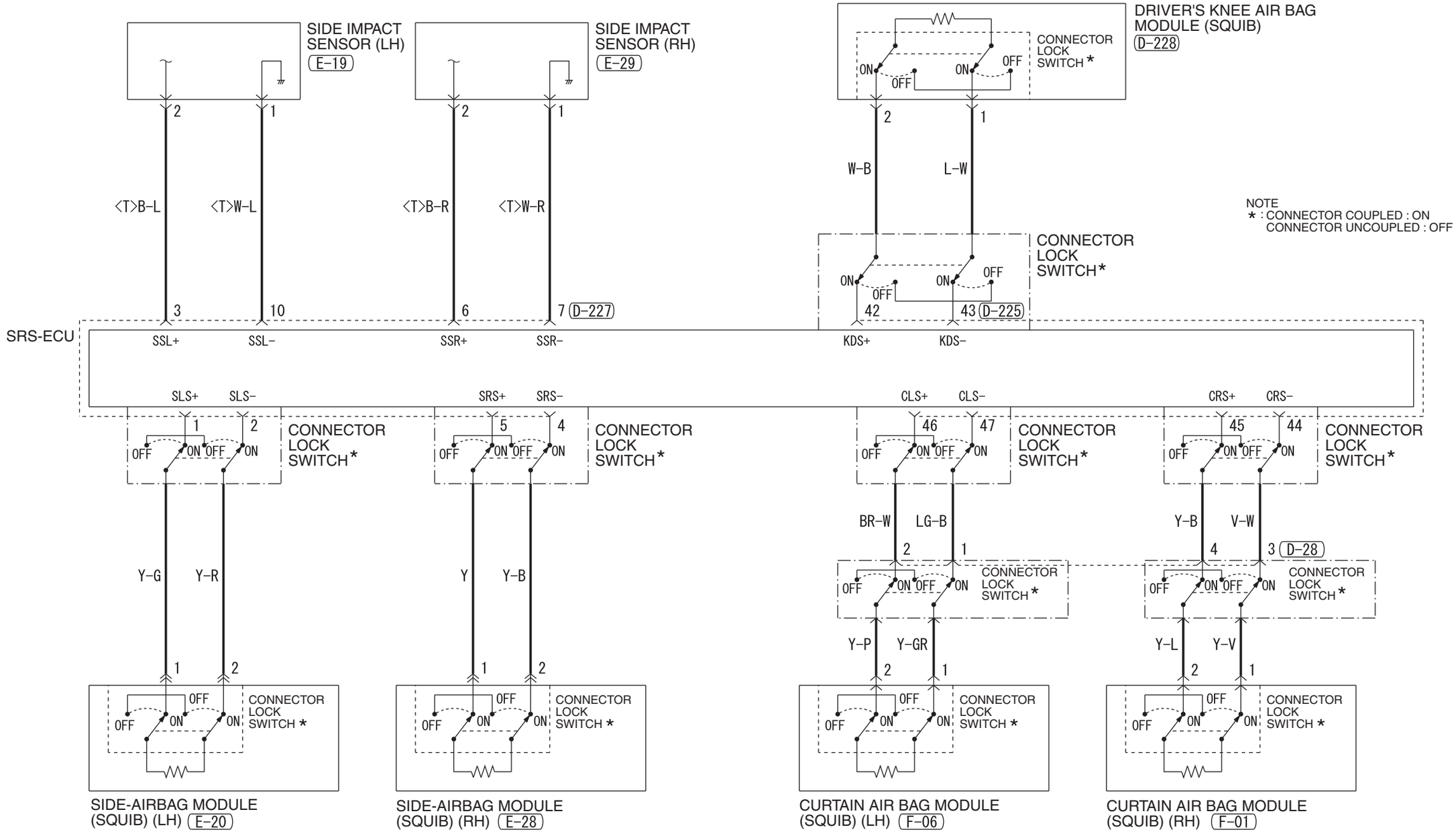
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

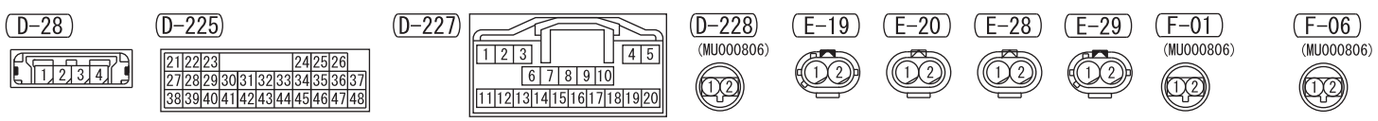
HHSR0E00BC

5

6

<VEHICLES WITH SIDE-AIRBAG AND CURTAIN AIR BAG>



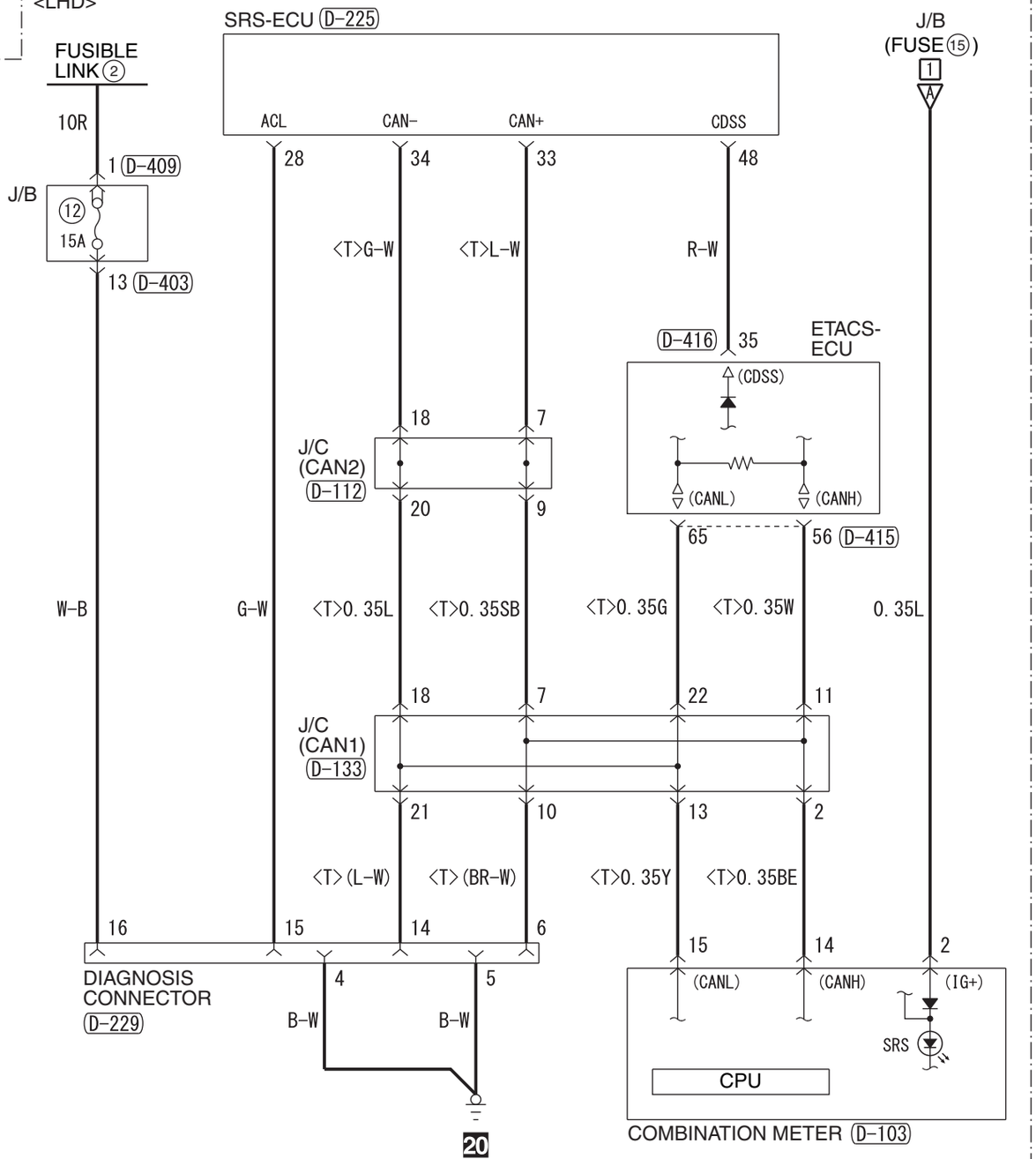


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

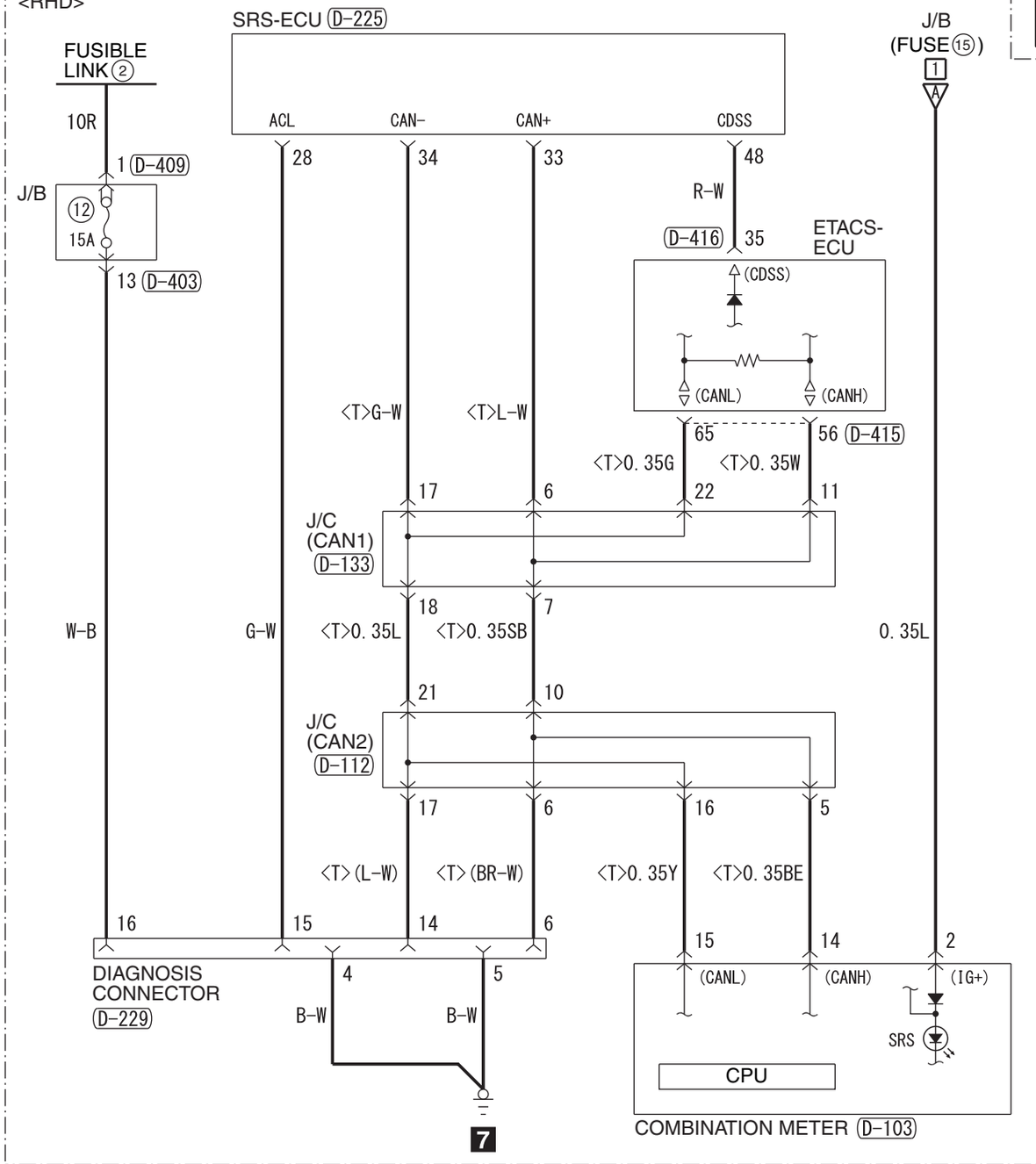
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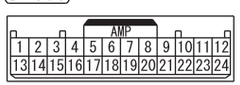


<RHD>

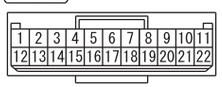


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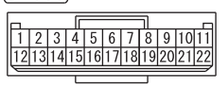
D-103



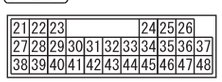
D-112



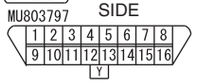
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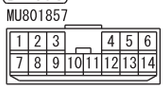
D-225



D-229 FRONT SIDE



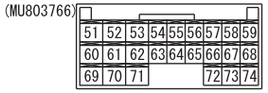
D-403



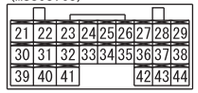
D-409



D-415



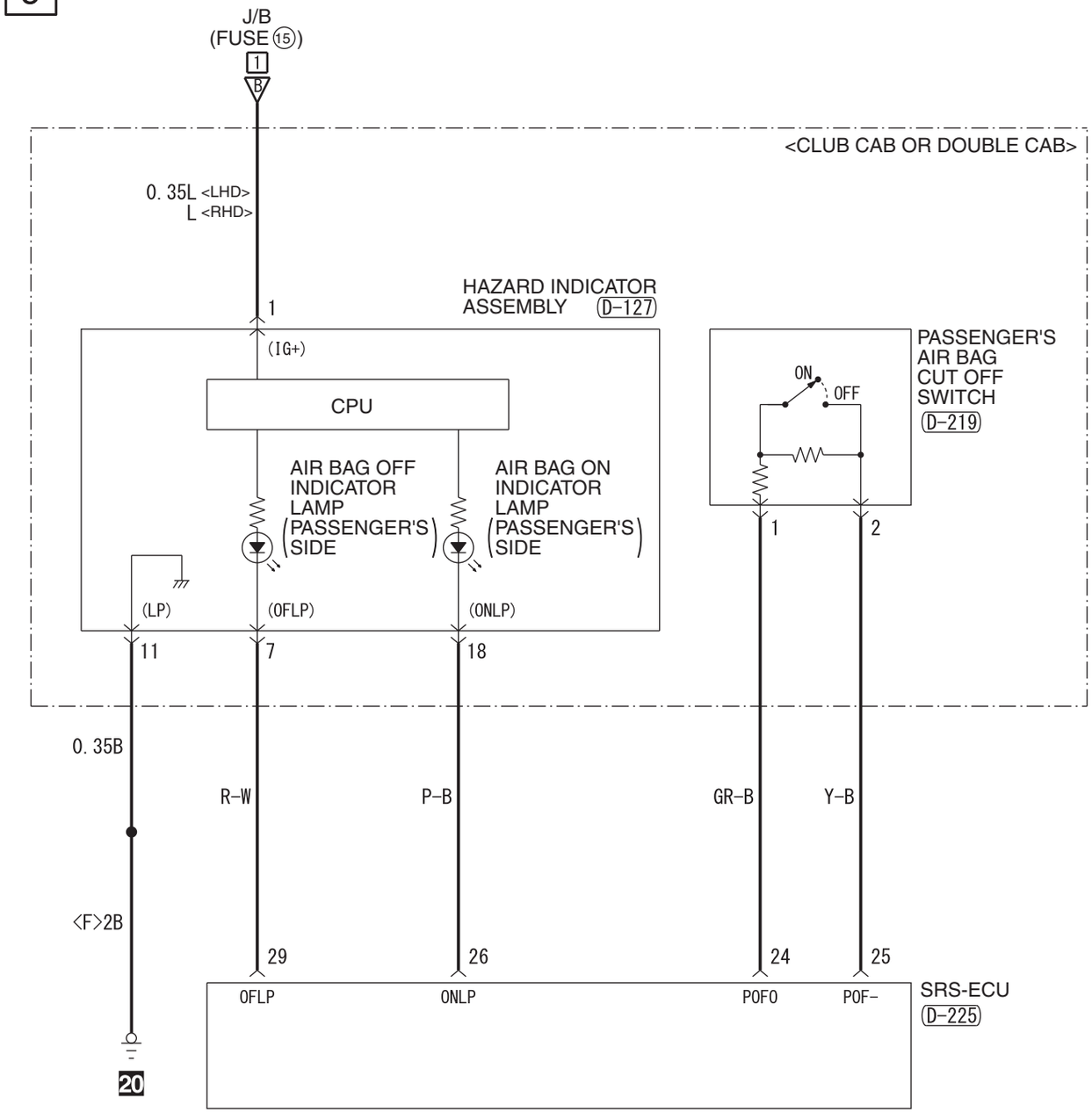
D-416



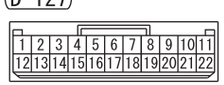
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E00DC

9



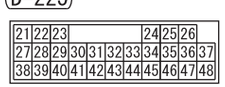
D-127



D-219



D-225



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E00EC

1

2

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2GR

4 D-402

J/B

15 10A

21 7.5A

6 D-405

5

8 D-403

L

0.35P

0.35R

22

21

NO CONNECTION D-242

19

Y-B

14

FRONT IMPACT SENSOR (LH) A-19

2

1

<T> 0.35Y

<T> 0.35BR

22

21 D-25

<T>L

<T>LG

17

27

FRONT IMPACT SENSOR (RH) A-32

2

1

<T> 0.35L

<T> 0.35P

9

8 D-04

<T>B

<T>L

18

28

DRIVER'S KNEE AIR BAG MODULE (SQUIB) D-228

CONNECTOR LOCK SWITCH *

ON OFF ON OFF

2

1

W

L

CONNECTOR LOCK SWITCH*

ON OFF ON OFF

2

1

SRS-ECU D-237

IG1A

IG1B

TBAC

FLH+

FLH−

FRH+

FRH−

KDS+

KDS−

GND2

ASQ+

ASQ−

DQ1+

DQ1−

DQ2+

DQ2−

2

0.35L

L <LHD>

L <RHD>

·A/C-ECU
·AS&G OFF SWITCH
·COLUMN SWITCH
·ETACS-ECU
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

6 B

0.35L

7 8 A

24

7

8

CONNECTOR LOCK SWITCH *

OFF ON OFF ON

B-W

GR

BR

2

1

CONNECTOR LOCK SWITCH *

OFF ON OFF ON

PASSENGER'S (FRONT) AIR BAG MODULE (SQUID) D-216

18

6

5

CONNECTOR LOCK SWITCH *

OFF ON OFF ON

G 4

W 3

CLOCK SPRING D-310

CONNECTOR LOCK SWITCH *

OFF ON OFF ON

<F>Y-R

<F>Y-L

11

12 D-315

CONNECTOR LOCK SWITCH *

OFF ON OFF ON

DRIVER'S AIR BAG MODULE (SQUIB)

3

4

CONNECTOR LOCK SWITCH *

OFF ON OFF ON

P 1

L 2

CONNECTOR LOCK SWITCH *

OFF ON OFF ON

<F>Y-B

<F>Y-G

1

2 D-316

CONNECTOR LOCK SWITCH *

OFF ON OFF ON

NOTE
* : CONNECTOR COUPLED: ON
CONNECTOR UNCOUPLED: OFF

A-19 A-32 D-04 D-25 D-216 (MU000806) D-228 (MU000806) D-237

D-242 D-310 D-315 D-316 D-402 MU801331 D-403 MU801857 D-405 MU801839

D-416 MU803765

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E02AC

3

4

SIDE-AIRBAG MODULE (SQUIB) (LH) E-20

CONNECTOR LOCK SWITCH *

SIDE IMPACT SENSOR (LH) E-19

SIDE IMPACT SENSOR (RH) E-29

SIDE-AIRBAG MODULE (SQUIB) (RH) E-28

CONNECTOR LOCK SWITCH *

Y-G

Y-R

<T>B-L

<T>W-L

<T>B-R

<T>W-R

Y

Y-B

CONNECTOR LOCK SWITCH*

SRS-ECU

SLS+

SLS-

SSL+

SSL-

D-236

D-235

SSR+

SSR-

SRS+

SRS-

RPL+

RPL-

PTA+

PTA-

PTD+

PTD-

PD2+

PD2-

RPR+

RPR-

CONNECTOR LOCK SWITCH*

L-G

L-W

R-Y

R-L

R

R-W

L

L-R

L-Y

L-O

CONNECTOR LOCK SWITCH *

REAR SEAT BELT PRE-TENSIONER (LH) E-32

SEAT BELT PRE-TENSIONER (PASSENGER'S SIDE) E-30

SEAT BELT PRE-TENSIONER (DRIVER'S SIDE) E-17

DRIVER'S LAP PRE-TENSIONER E-18

REAR SEAT BELT PRE-TENSIONER (RH) E-31

NOTE
* : CONNECTOR COUPLED : ON
CONNECTOR UNCOUPLED : OFF

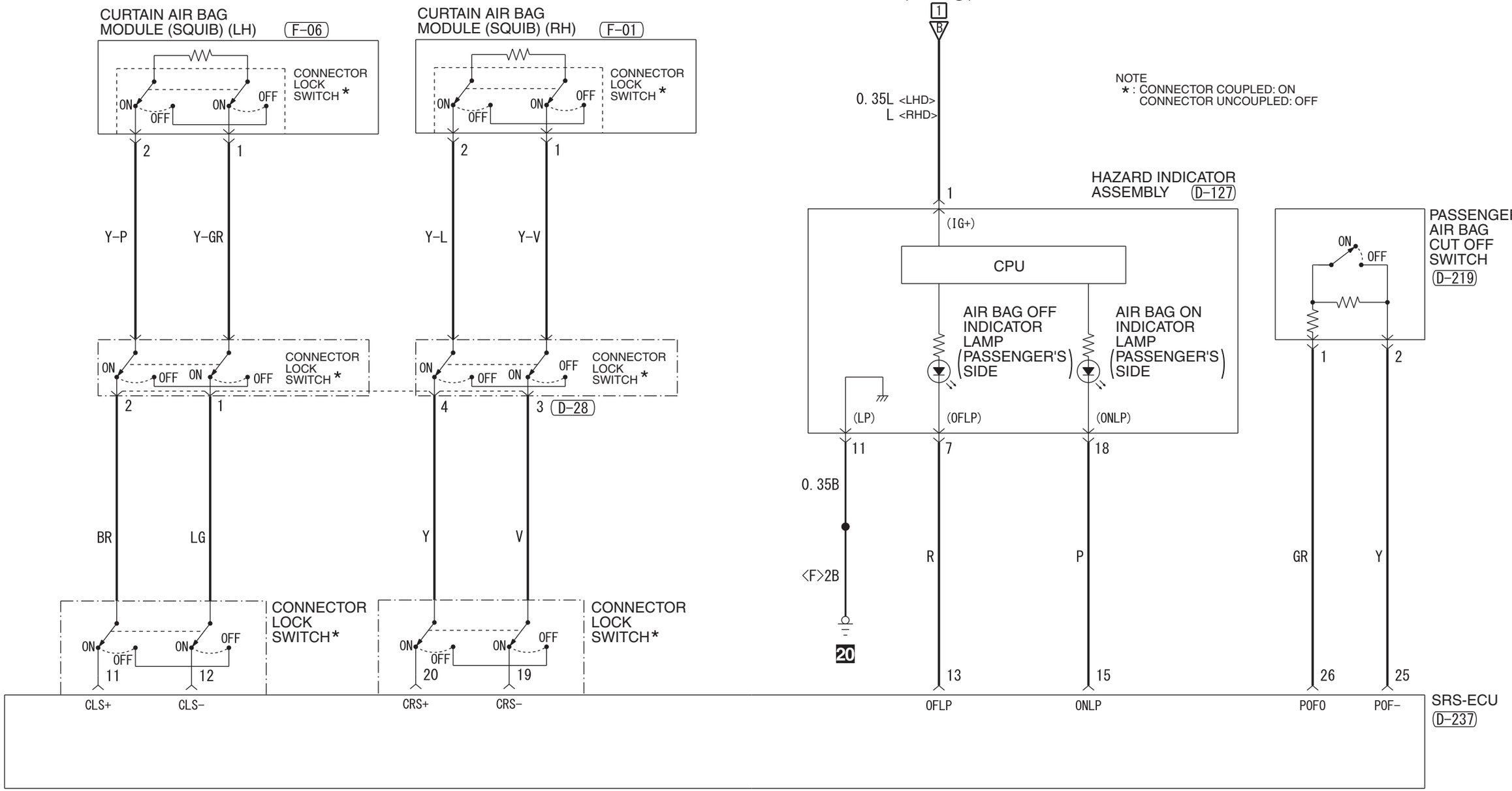
D-235 D-236 E-17 (MU000806) E-18 E-19 E-20 E-28 E-29 E-30 (MU000806) E-31 (MU000806) E-32 (MU000806)

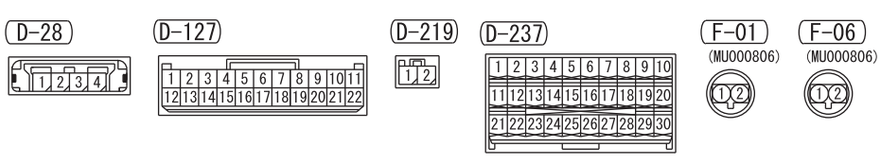
Wire colour code
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O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E02BC

5

6



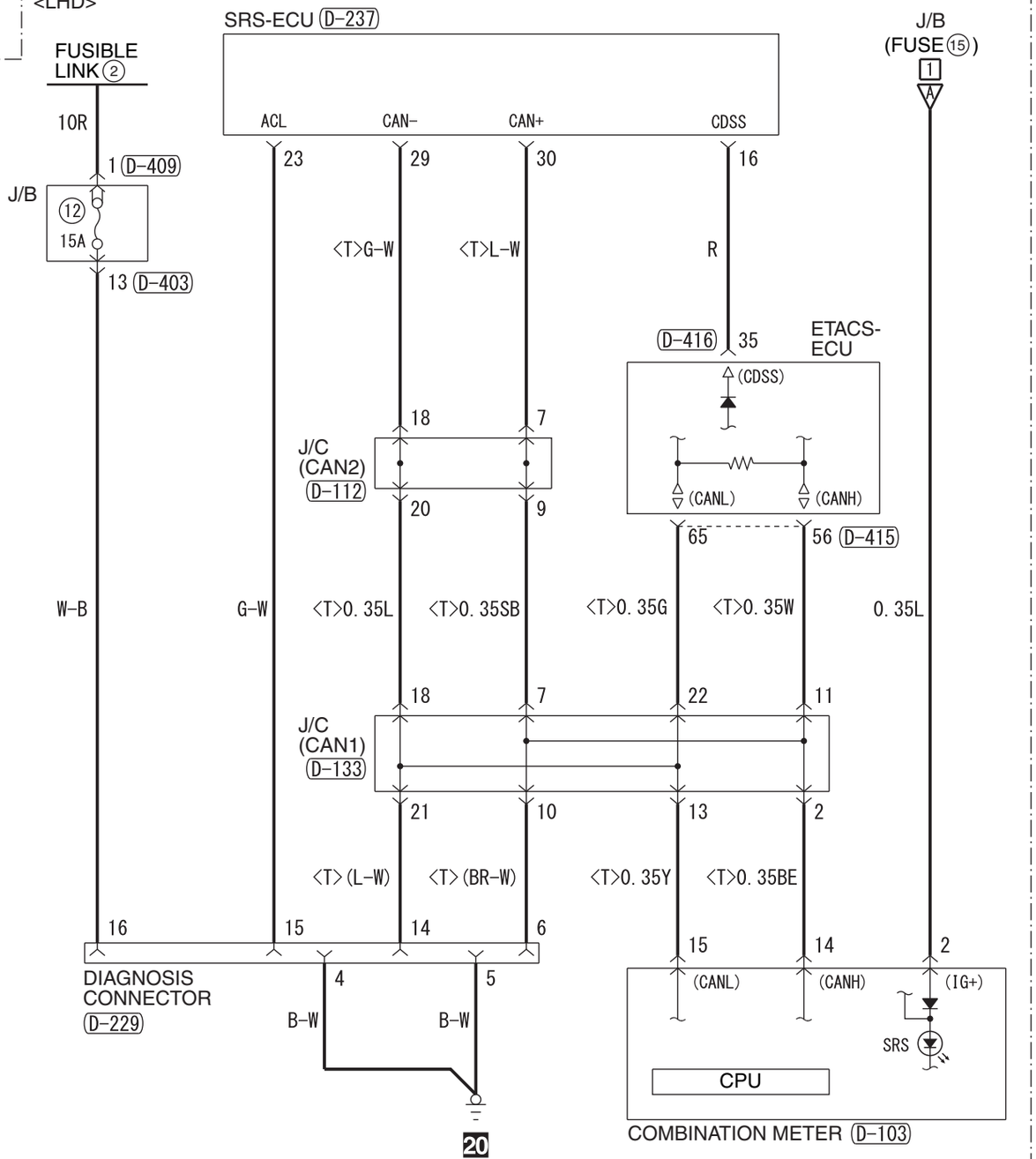


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

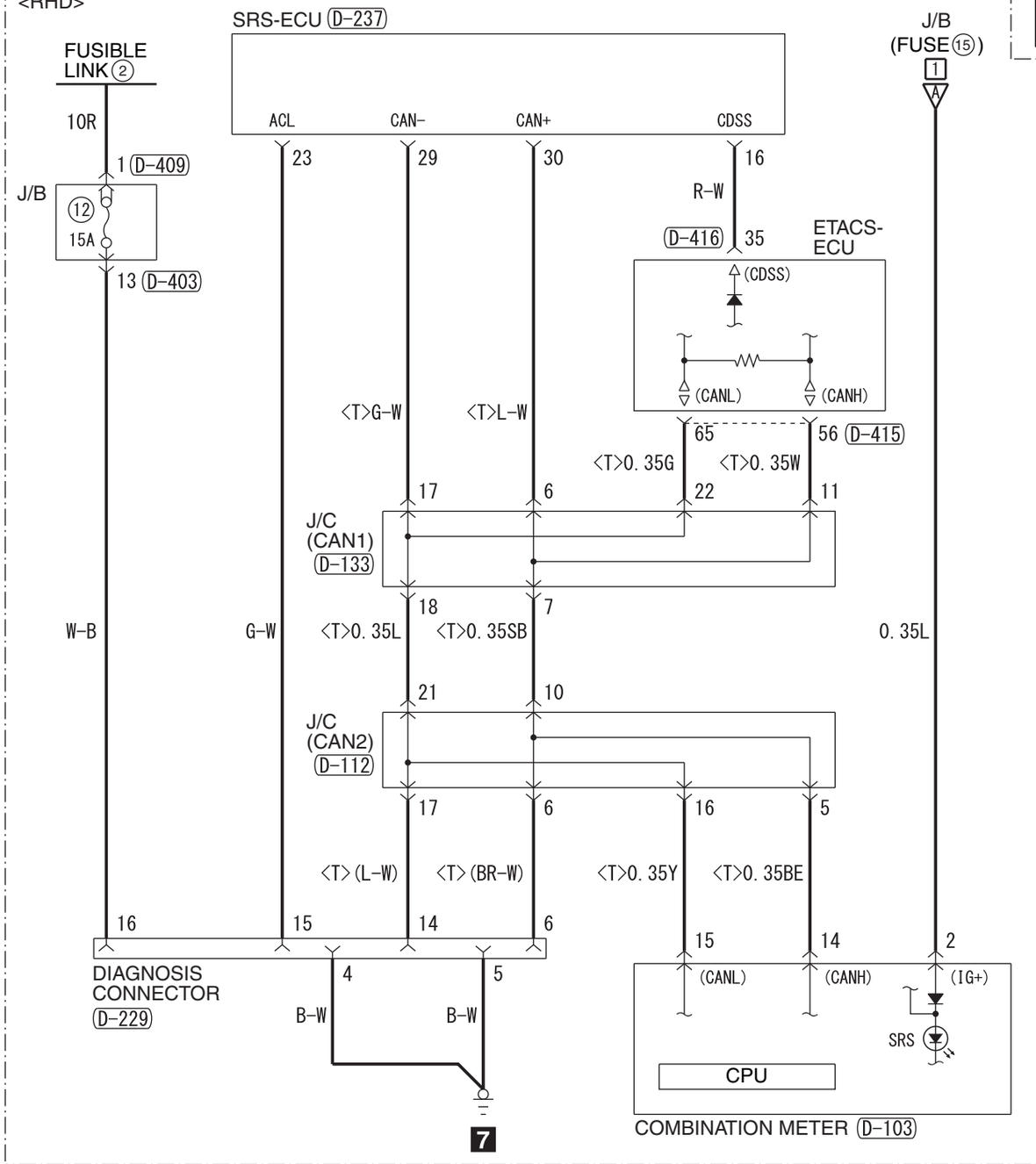
HHSR0E02CC

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<LHD>

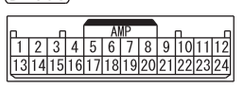


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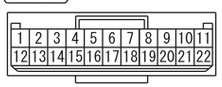


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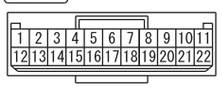
D-103



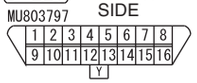
D-112



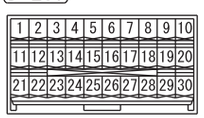
D-133



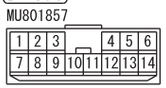
D-229



D-237



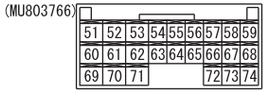
D-403



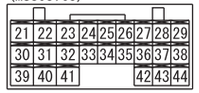
D-409



D-415



D-416



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSR0E02DC

1

2

Tail lamp, position lamp

FUSIBLE LINK (SBF3)
IGNITION SWITCH (IG2) OR IG2 RELAY
J/B (FUSE (15))
IGNITION SWITCH (IG1) OR IG1 RELAY
FUSIBLE LINK (2)
J/B
ETACS-ECU
(TAIL +B)
(TAIL LP)
(IG2)
(IG1)
(ETACS +B)
(EARTH)
(SGND)
(DDSW)
(LIN)
TAIL LAMP RELAY
OFF
ON
POWER SOURCE
LIN INTERFACE
3W
(W-B)
<F>2R
0.35L
<F>2GR
10R
7 (D-407)
7 (D-405)
6 (D-402)
4 (D-402)
1 (D-409)
10
7.5A
15
10A
26
20A
16 (D-404)
44 (D-416)
68 (D-415)
20 (D-404)
13
15A
15
2
70
51
54 (D-415)
7
7.5A
1
7.5A
13
1 (D-406)
3
9 (D-418)
12 (D-403)
0.35LG
11 (D-14)
(V-W)
6
L
2 (D-405)
0.35R
3 (D-401)
*4
0.35R
0.35SB
(G-W)
(G-O)
1.25B
0.35B
SINGLE CAB OR DOUBLE CAB
CLUB CAB
(B-R)
(B-R)
(B-R)
G-107 <LHD>
5 G-110 <RHD>
<F>2B
3
FRONT DOOR SWITCH (DRIVER'S SIDE)
E-16 *5
G-112 *6
20
0.35B
<F>2B
20 <LHD>
7 <RHD>
4
3
9
1
(GND)
(DATA)
(IG1)
(+B)
COLUMN-ECU
LIGHTING SWITCH D-312-1
5
7
8
9
10
OFF
ON
(HEAD)
(TAIL)
(AUTO) *1
(OFF)
LIGHTING SWITCH
COLUMN SWITCH (D-312)
0.35L
0.35L
0.35R
0.35R
*2
*3
<VEHICLES WITH AUTO LAMP WITHOUT LANE DEPARTURE WARNING>
ETACS-ECU
(R-B)
(V-W)
D-01
5
12
(G-B)
3
1
LIGHTING CONTROL SENSOR F-07
(B)
2
1.25B
<F>2B
8
20

NOTE
*1 : VEHICLES WITH AUTO LAMP
*2 : ·A/C-ECU
·AS&G OFF SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·HAZARD INDICATOR ASSEMBLY
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU
*3 : ·A/C-ECU
·CLOCK
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)
*4 : ·FRONT ROOM LAMP
·REAR ROOM LAMP
*5 : SINGLE CAB OR DOUBLE CAB
*6 : CLUB CAB

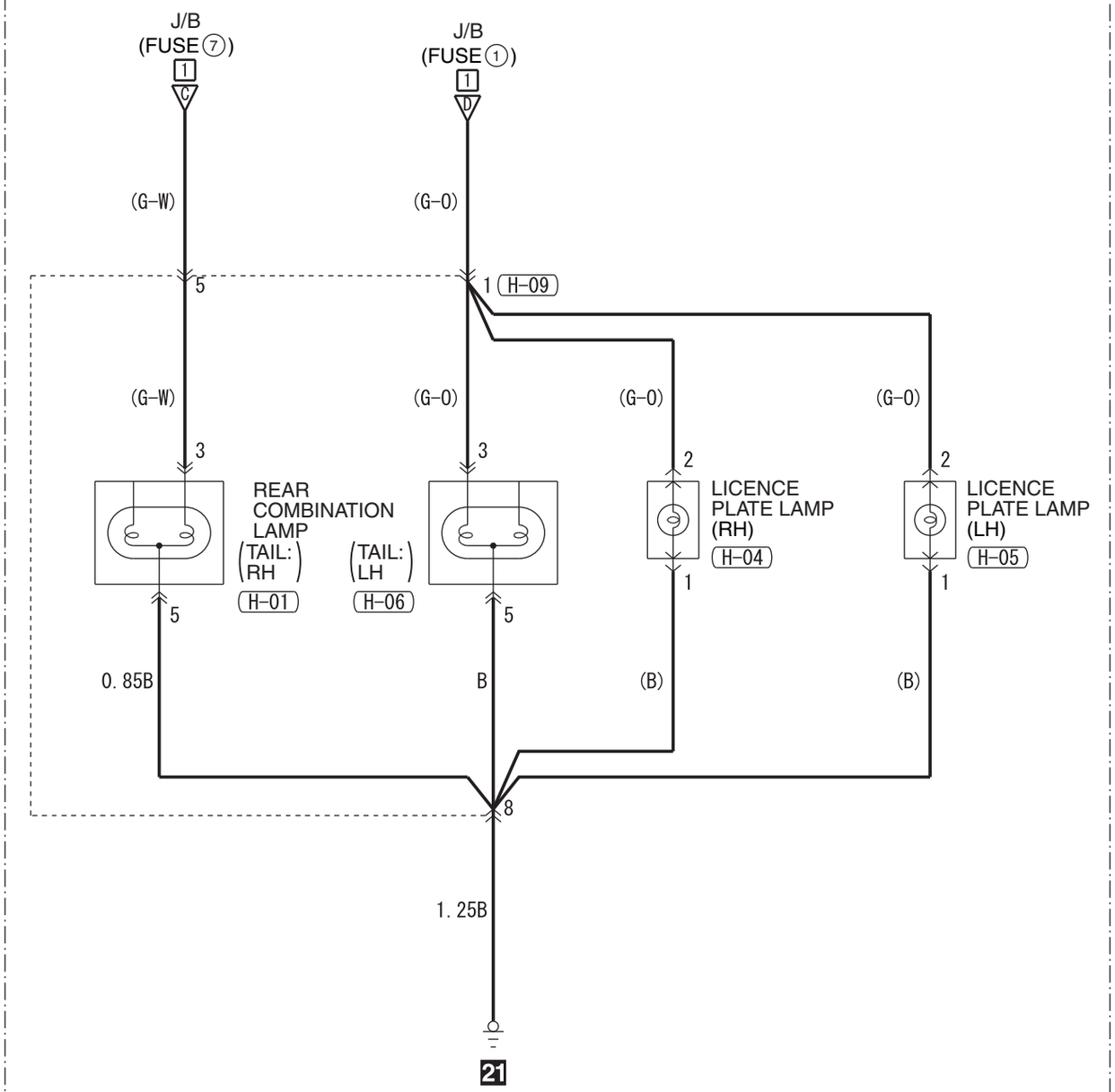
D-01 D-14 D-312 (MU801514) D-312-1 D-401 MU801691 D-402 MU801331 D-403 MU801857 D-404 J/B SIDE D-405 MU801839 D-406 MU801855 D-407 MU801867 D-409
D-415 (MU803766) D-416 (MU803765) D-418 (MU801845) E-16 (MU801536) F-07 G-107 G-110 G-112 (MU801536)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow
SB : Sky blue BR : Brown O : Orange GR : Grey R : Red
P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E02AC

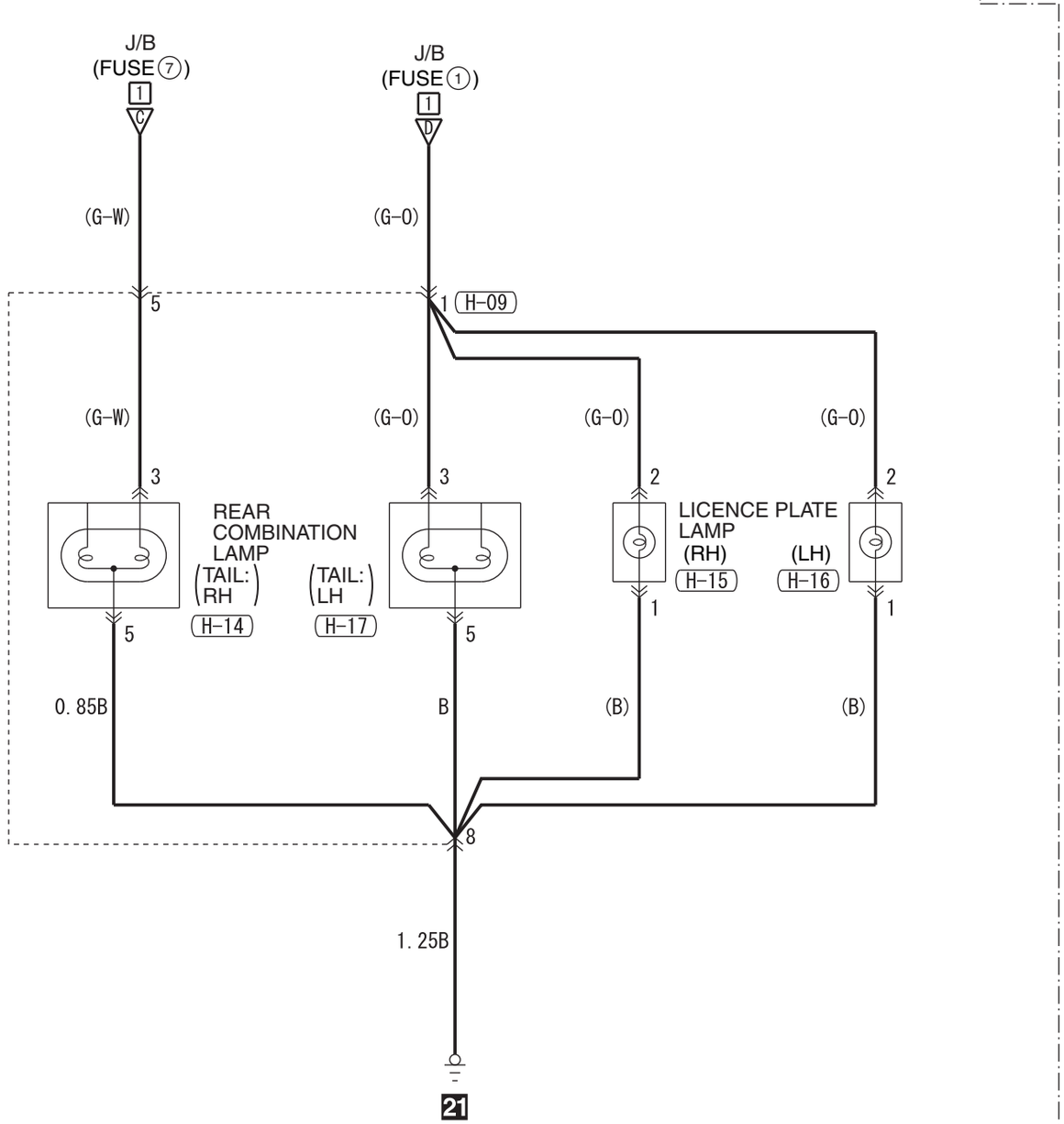
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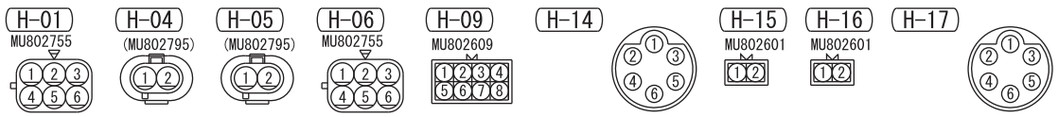
<VEHICLES WITH REAR BODY>



<VEHICLES WITHOUT REAR BODY>

4





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E02BC

5

<LHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12) 15A

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

13 (D-403)

<T>0.35G <T>0.35W

W-B

22 11

J/C (CAN1) (D-133)

21 10

<T> (L-W) <T> (BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

20

J/B (FUSE (15))

2 G

0.35L 11 (D-01)

L-W 4

LDW-ECU (INCORPORATING LIGHTING CONTROL SENSOR) (F-08)

IG

CANL CANH GND

3 2 1

<T> (B-W) <T> (R-W) B

10 9

8

<T>0.35SB <T>0.35G

14 3

13 2

<T>0.35Y <T>0.35BE

15 14

COMBINATION METER (D-103)

(CANL) (CANH)

J/B (FUSE (13))

2 H

0.35R 1

(B+B)

POSITION

MULTI-INFORMATION DISPLAY SWITCH

BUZZER

CPU

<VEHICLES WITH AUTO LAMP WITH LANE DEPARTURE WARNING>

<RHD>

6

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12) 15A

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

13 (D-403)

<T>0.35G <T>0.35W

W-B

22 11

J/C (CAN1) (D-133)

18 7

<T>0.35L <T>0.35SB

21 10

J/C (CAN2) (D-112)

17 6

<T> (L-W) <T> (BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

4 5

B-W B-W

7

J/B (FUSE (15))

2 G

0.35L 11 (D-01)

L-W 4

LDW-ECU (INCORPORATING LIGHTING CONTROL SENSOR) (F-08)

IG

CANL CANH GND

3 2 1

<T> (B-W) <T> (R-W) B

10 9

8

<T>0.35SB <T>0.35G

21 10

J/B (FUSE (13))

2 H

0.35R 1

<T>0.35Y <T>0.35BE

16 5

15 14

COMBINATION METER (D-103)

(CANL) (CANH)

(B+B)

POSITION

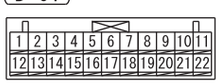
MULTI-INFORMATION DISPLAY SWITCH

BUZZER

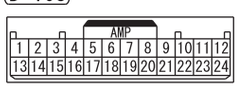
CPU

<VEHICLES WITH AUTO LAMP WITH LANE DEPARTURE WARNING>

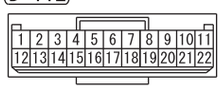
D-01



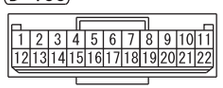
D-103



D-112



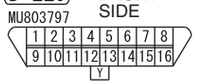
D-133



D-229

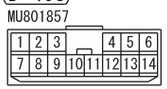
MU803797

FRONT SIDE



D-403

MU801857

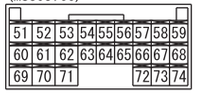


D-409

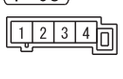


D-415

(MU803766)



F-08

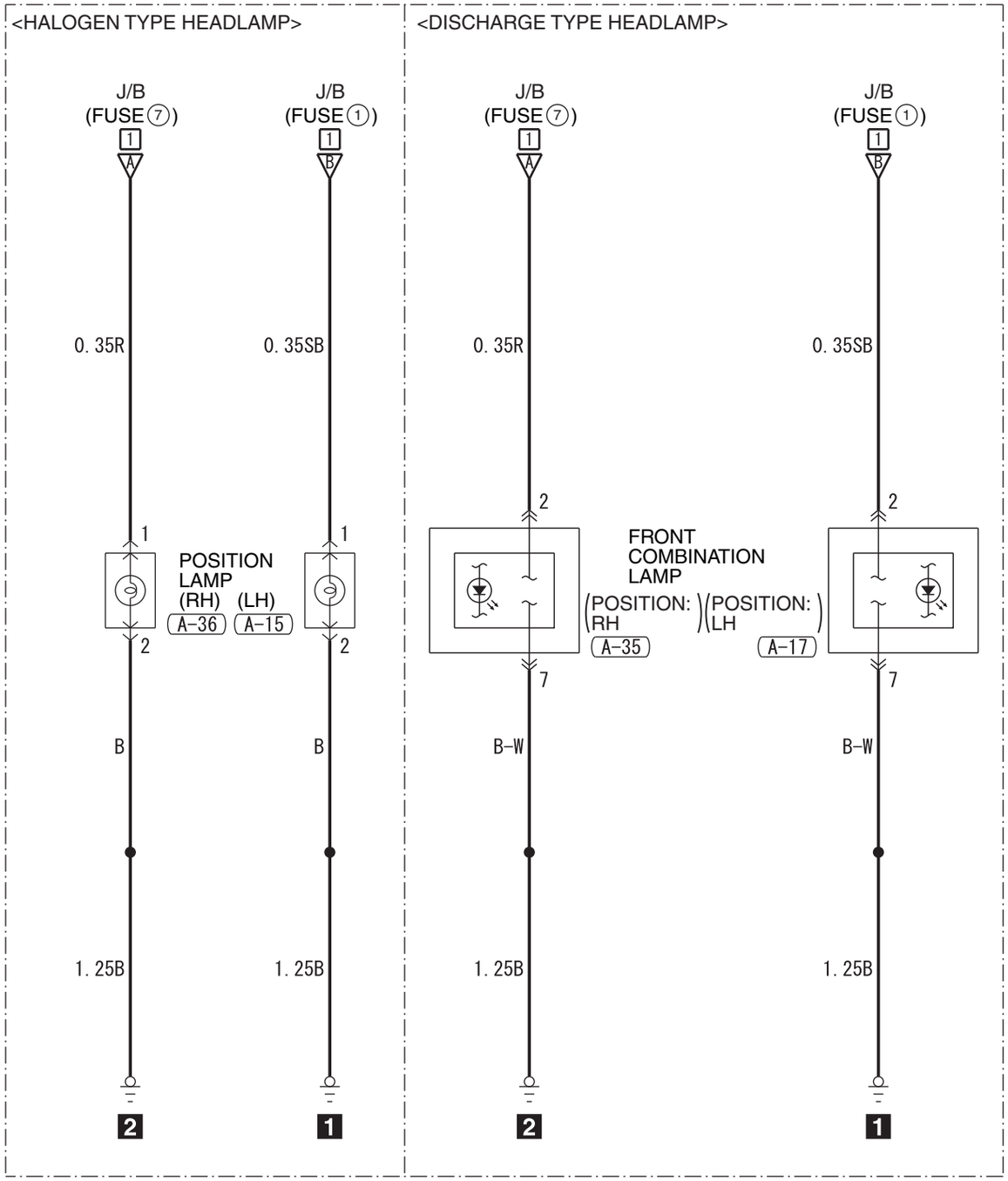


Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSJ0E02CC

7





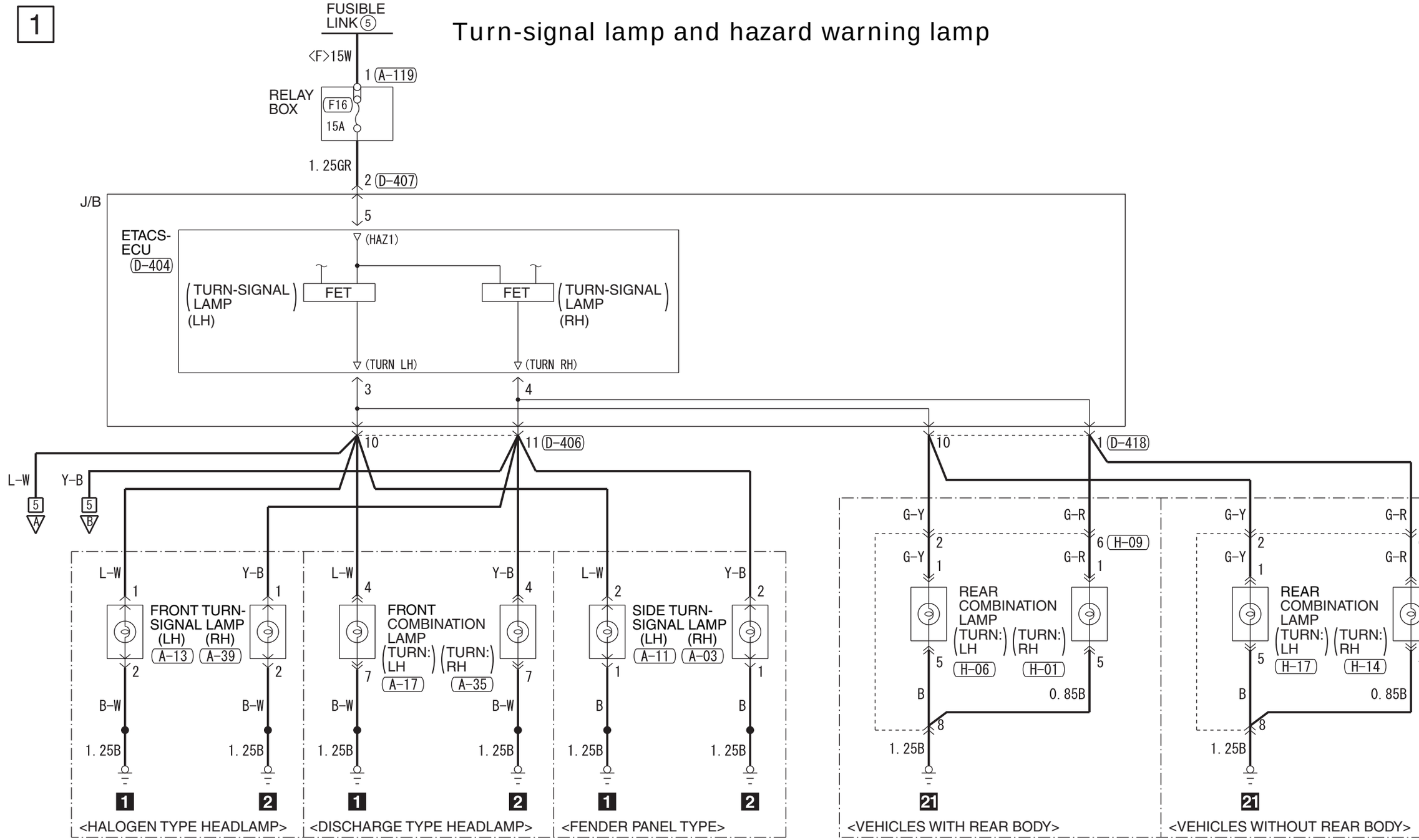
Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

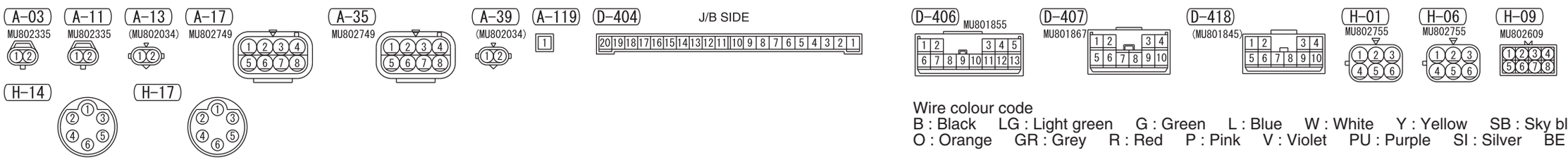
HHSJ0E02DC

1

2

Turn-signal lamp and hazard warning lamp





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSK0E00AC

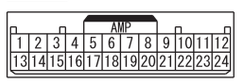
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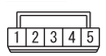
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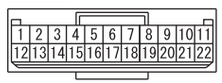
NOTE
*1 : ·A/C-ECU
·AS&G OFF SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

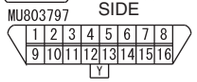
*2 : ·A/C-ECU
·CLOCK
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

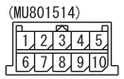
IGNITION SWITCH (IG1) OR IG1 RELAY
J/B (FUSE 15)
FUSIBLE LINK 2
<F>2GR
0.35L
10R
4 D-402
1 D-409
J/B
15 10A
26 20A
12 15A
68
20 D-404
13 15A
ETACS-ECU
(IG1)
(ETACS +B)
POWER SOURCE
LIN INTERFACE
(LIN)
(HAZ)
GND (SGND)
GND (EARTH)
(CANL)
(CANH)
54
71
70 D-415
2 D-404
65
56 D-415
6
2 D-405
12 D-403
13 D-403
L
0.35R
(P-B)
(P-B)
0.35B
1.25B
<T>0.35G
<T>0.35W
LIGHTING CONTROL SENSOR
6 D
4
NO CONNECTION D-121
22
11
J/C (CAN1) D-133
0.35L
3 C
*1
*2
0.35L
0.35R
(V-W)
9
1
3
13
2
21
10
<T>0.35Y
<T>0.35BE
<T>(L-W)
<T>(BR-W)
W-B
COLUMN SWITCH D-312
(IG1)
(+B)
(DATA)
COLUMN-ECU
(GND)
4
0.35B
0.35R
1
15
14
14
6
16
(B+B)
(CANL)
(CANH)
COMBINATION METER D-103
DIAGNOSIS CONNECTOR D-229
4
5
B-W
B-W
4
3
5
<F>2B
BUZZER
TURN (LH) (RH)
CPU
OFF ON OFF ON
(LH) (RH)
LIGHTING SWITCH D-312-1
TURN-SIGNAL LAMP SWITCH
20
20

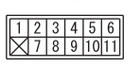
D-103


D-121


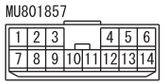
D-133


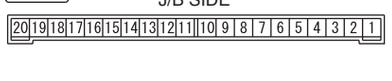
D-229 MU803797 FRONT SIDE


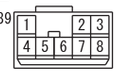
D-312 (MU801514)


D-312-1


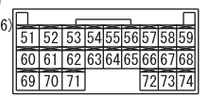
D-402 MU801331


D-403 MU801857


D-404 J/B SIDE


D-405 MU801839


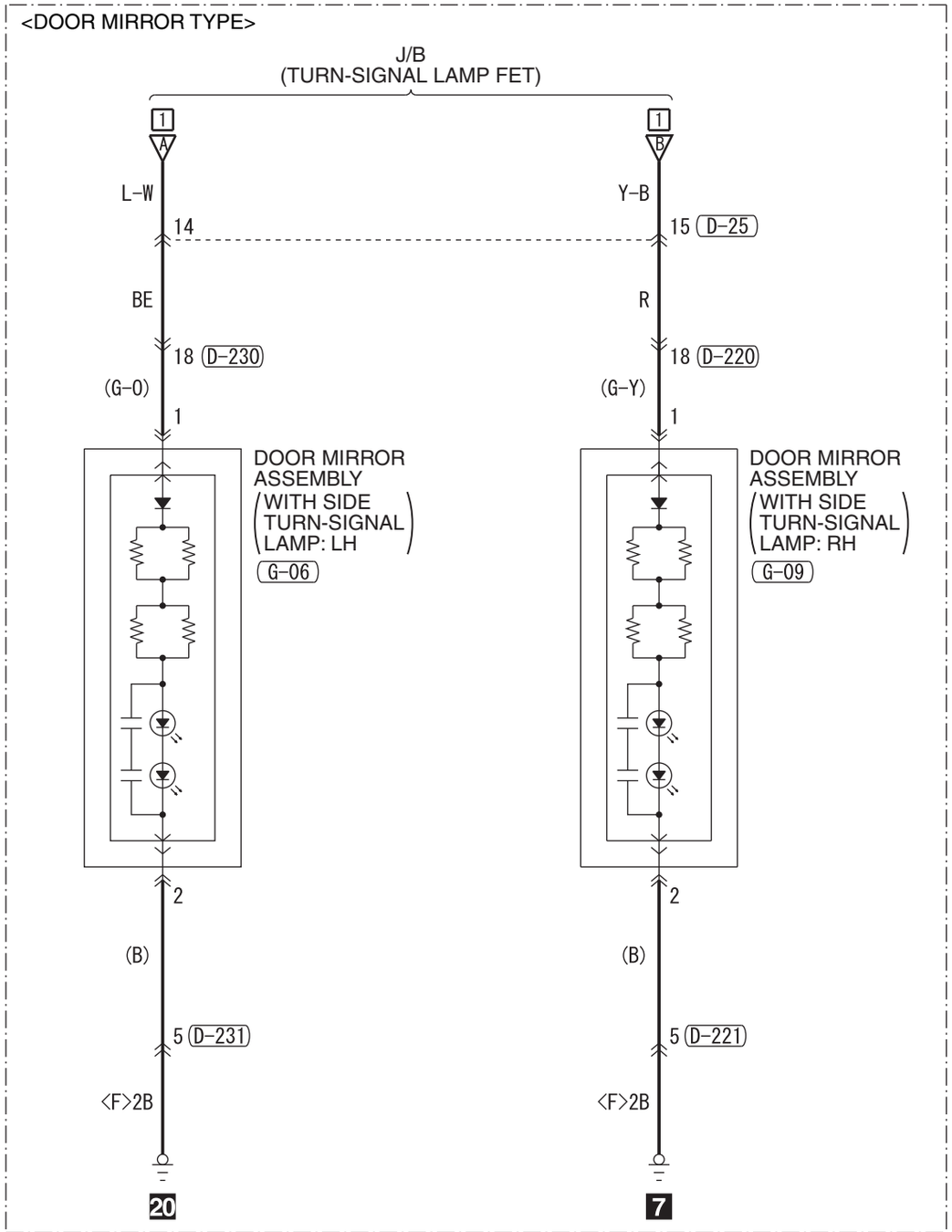
D-409

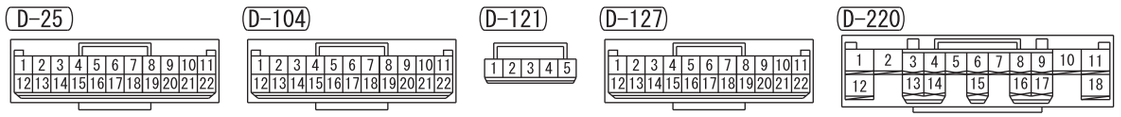

D-415 (MU803766)


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

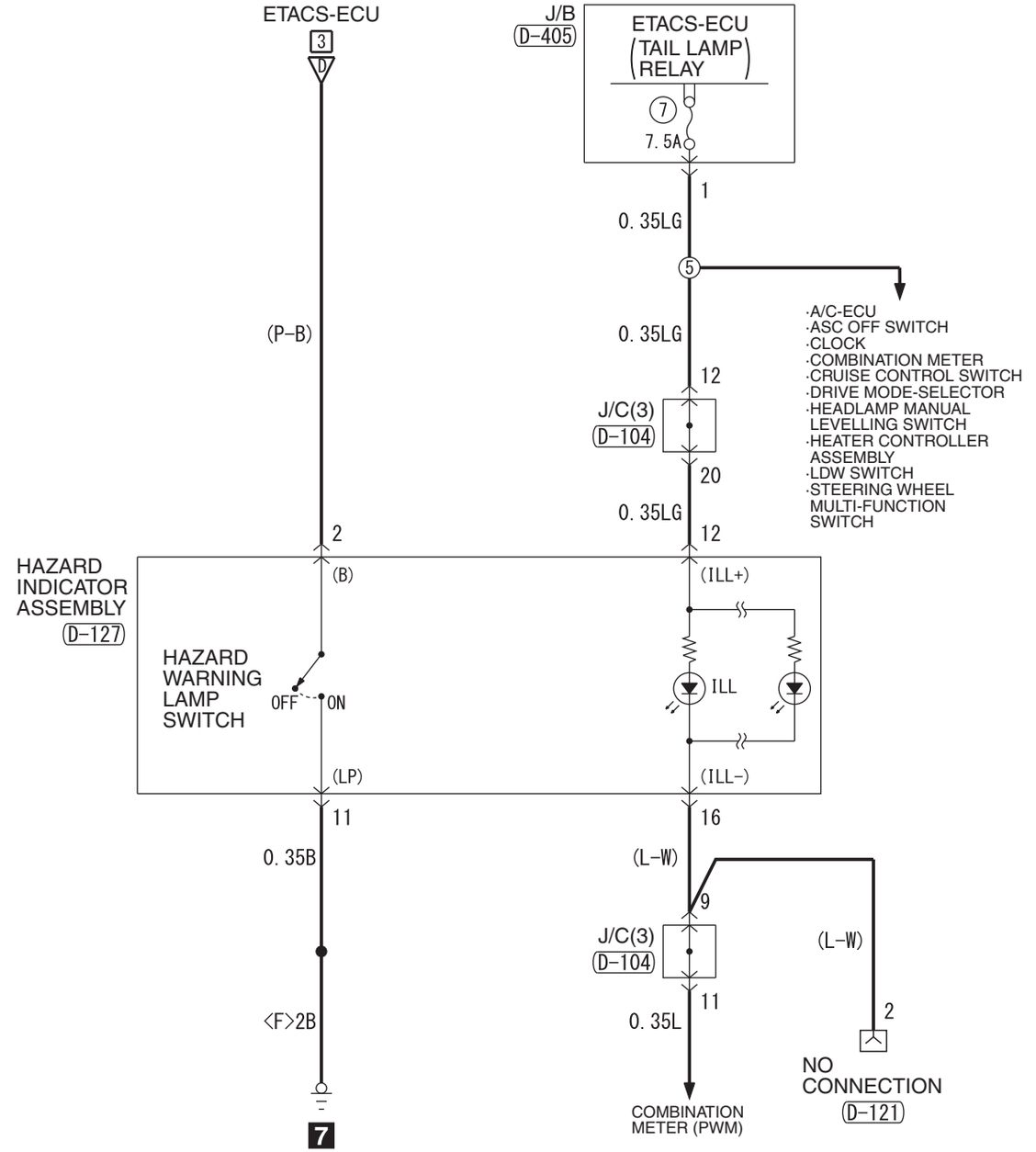
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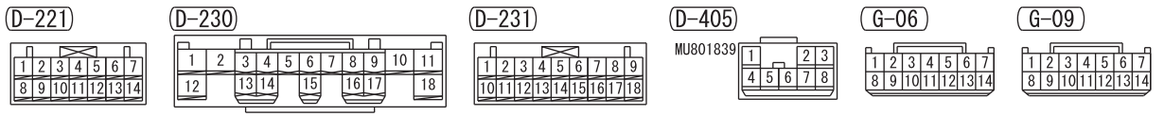
5





6





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSK0E00CC

1

2

FUSIBLE LINK (5)

<F>15W

1 (A-119)

RELAY BOX

(F16)

15A

1.25GR

2 (D-407)

J/B

5

ETACS-ECU (D-404)

(HAZ1)

(TURN-SIGNAL LAMP (LH))

FET

FET

(TURN-SIGNAL LAMP (RH))

(TURN LH)

(TURN RH)

3

4

10

11 (D-406)

10

1 (D-418)

L-W

Y-B

G-Y

G-R

5 (A)

5 (B)

L-W 1 — FRONT TURN-SIGNAL LAMP (LH) (A-13) — 2 B-W 1.25B → 1

Y-B 1 — FRONT TURN-SIGNAL LAMP (RH) (A-39) — 2 B-W 1.25B → 2

<HALOGEN TYPE HEADLAMP>

L-W 4 — FRONT COMBINATION LAMP (TURN: LH) (A-17) — 7 B-W 1.25B → 1

Y-B 4 — FRONT COMBINATION LAMP (TURN: RH) (A-35) — 7 B-W 1.25B → 2

<DISCHARGE TYPE HEADLAMP>

L-W 2 — SIDE TURN-SIGNAL LAMP (LH) (A-11) — 1 B 1.25B → 1

Y-B 2 — SIDE TURN-SIGNAL LAMP (RH) (A-03) — 1 B 1.25B → 2

<FENDER PANEL TYPE>

G-Y 2 — REAR COMBINATION LAMP (TURN: LH) (H-06) — 5 B 1.25B → 21

G-R 6 (H-09) — REAR COMBINATION LAMP (TURN: RH) (H-01) — 5 0.85B → 21

(A-03) MU802335

(A-11) MU802335

(A-13) (MU802034)

(A-17) MU802749

(A-35) MU802749

(A-39) (MU802034)

(A-119) 1

(D-404) J/B SIDE

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

(D-406) MU801855

1 2 3 4 5 6 7 8 9 10 11 12 13

(D-407) MU801867

1 2 3 4 5 6 7 8 9 10

(D-418) (MU801845)

1 2 3 4 5 6 7 8 9 10

(H-01) MU802755

1 2 3 4 5 6

(H-06) MU802755

1 2 3 4 5 6

(H-09) MU802609

1 2 3 4 5 6 7 8

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

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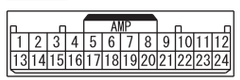
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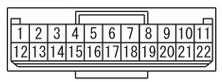
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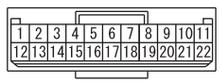
NOTE
*1 : ·A/C-ECU
·AS&G OFF SWITCH
·COMBINATION METER
·HAZARD INDICATOR ASSEMBLY
·LDW-ECU
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU

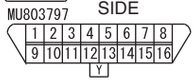
*2 : ·A/C-ECU
·CLOCK
·DAB TUNER
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)

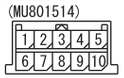
IGNITION SWITCH (IG1) OR IG1 RELAY
J/B (FUSE 15)
FUSIBLE LINK 2
<F>2GR
4 D-402
0.35L
10R
1 D-409
J/B
15 10A
26 20A
12 15A
68
20 D-404
13 15A
ETACS-ECU
(IG1)
(ETACS +B)
POWER SOURCE
LIN INTERFACE
(LIN)
(HAZ)
GND (SGND)
GND (EARTH)
(CANL)
(CANH)
54
71
70 D-415
2 D-404
65
56 D-415
6
2 D-405
12 D-403
13 D-403
L
0.35R
(P-B)
1.25B
LIGHTING CONTROL SENSOR
6 D
<T>0.35G
<T>0.35W
22
11
J/C (CAN1) D-133
18
7
W-B
<T>0.35L
<T>0.35SB
21
10
0.35L
*1
*2
(V-W)
0.35B
0.35R
J/C (CAN2) D-112
16
5
17
6
<T>0.35Y
<T>0.35BE
<T>(L-W)
<T>(BR-W)
1
15
14
14
6
16
(B+B)
(CANL)
(CANH)
COMBINATION METER D-103
DIAGNOSIS CONNECTOR D-229
4
5
B-W
B-W
BUZZER
TURN (LH) (RH)
CPU
0.35L
0.35R
9
1
3
(IG1)
(+B)
(DATA)
COLUMN SWITCH D-312
COLUMN-ECU
(GND)
4
0.35B
<F>2B
4
3
5
OFF
ON
OFF
ON
(LH)
(RH)
TURN-SIGNAL LAMP SWITCH
LIGHTING SWITCH D-312-1
7
20
7

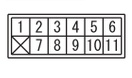
D-103


D-112


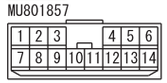
D-133


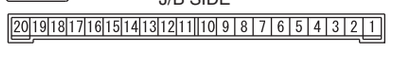
D-229 FRONT SIDE
MU803797


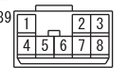
D-312
(MU801514)


D-312-1


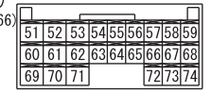
D-402
MU801331


D-403
MU801857


D-404 J/B SIDE


D-405
MU801839


D-409

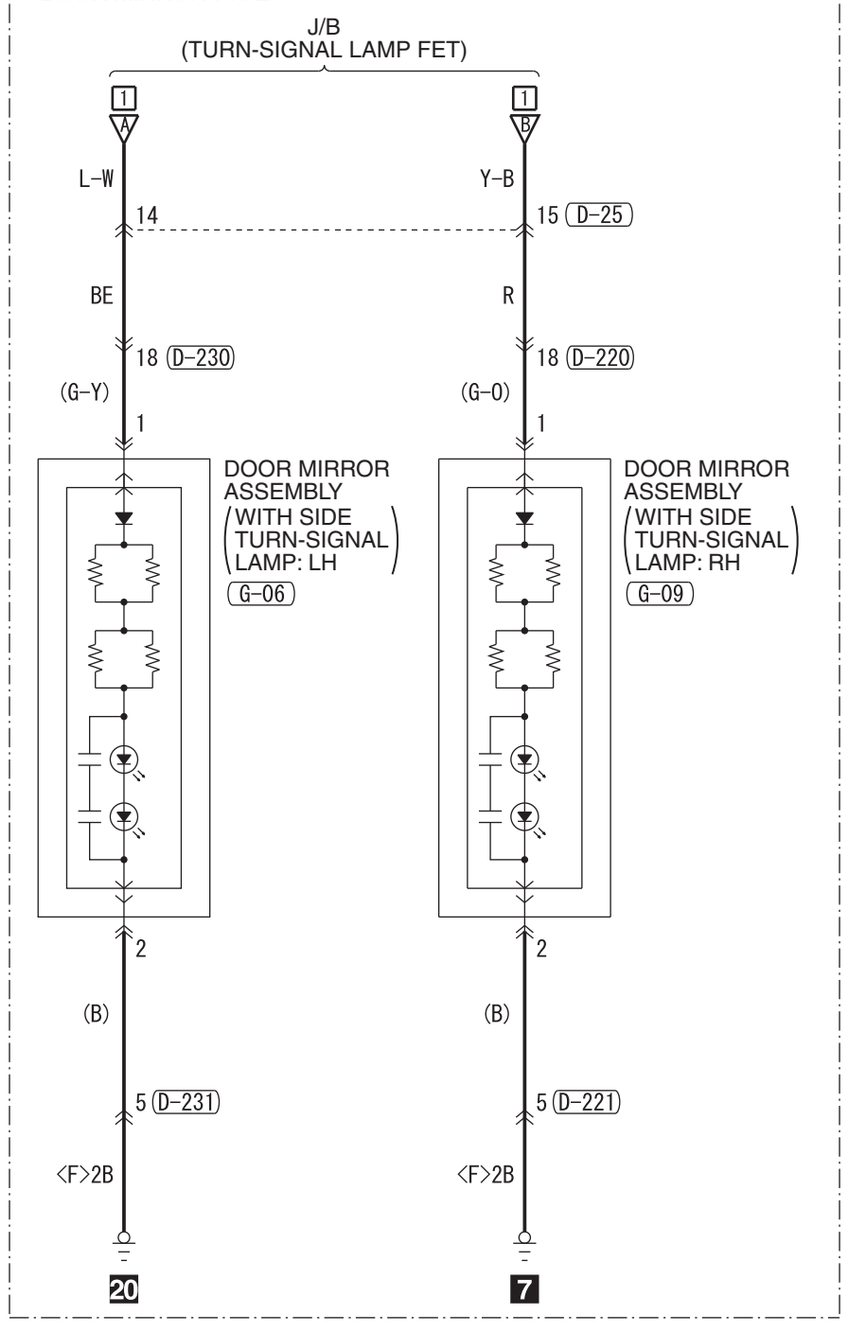

D-415
(MU803766)


Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

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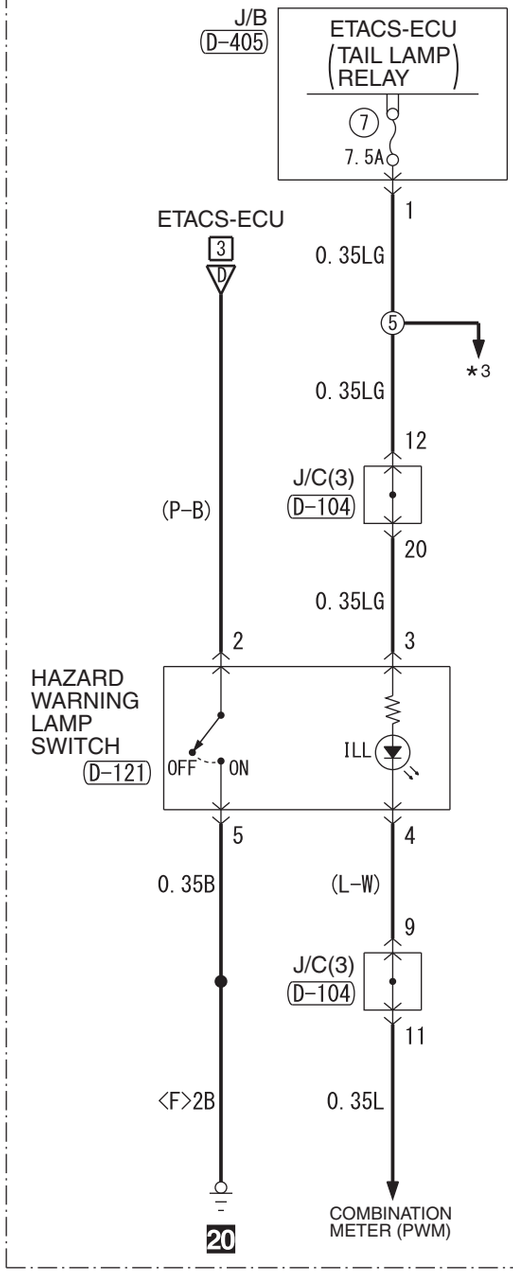
5

<DOOR MIRROR TYPE>

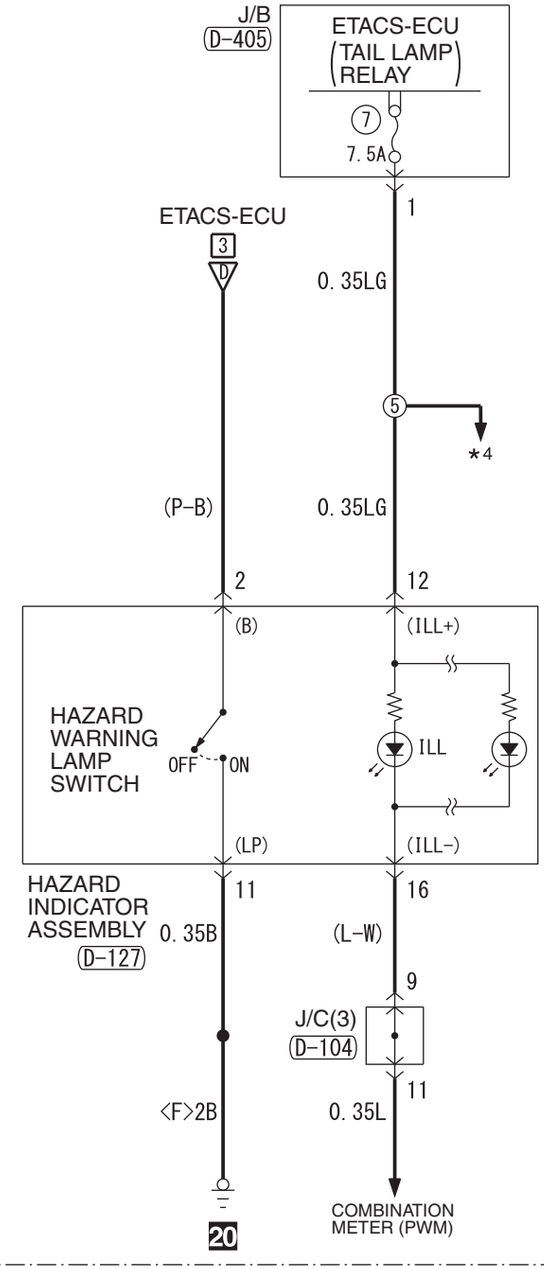


NOTE
*3: ·A/C-ECU
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·STEERING WHEEL MULTI-FUNCTION SWITCH
·SPARE CONNECTOR (FOR AUDIO)
*4: ·A/C-ECU
·AS&G OFF SWITCH
·ASC OFF SWITCH
·CLOCK
·COMBINATION METER
·CRUISE CONTROL SWITCH
·DRIVE MODE-SELECTOR
·GLOVE BOX LAMP
·HEADLAMP MANUAL LEVELLING SWITCH
·HEATED SEAT SWITCH
·HEATER CONTROLLER ASSEMBLY
·LDW SWITCH
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·REAR DIFFERENTIAL LOCK SWITCH
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL MULTI-FUNCTION SWITCH
·SPARE CONNECTOR (FOR AUDIO)

<SINGLE CAB>

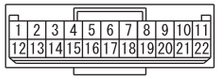


<CLUB CAB OR DOUBLE CAB>

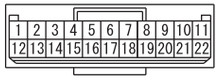


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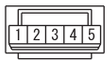
D-25



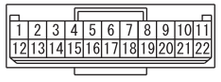
D-104



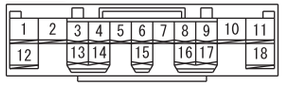
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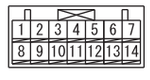
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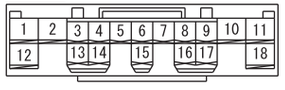
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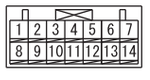
D-221



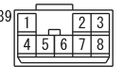
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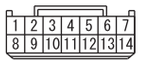
D-231



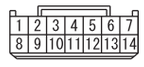
D-405



G-06



G-09



Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

Windshield wiper and washer

1

2

IGNITION SWITCH (ACC) OR ACC RELAY

IGNITION SWITCH (IG2) OR IG2 RELAY

J/B

FUSIBLE LINK (2)

IGNITION SWITCH (IG1) OR IG1 RELAY

<F>2Y

<F>2R

(W-B)

(FUSE 25)

(FUSE 15)

10R

<F>2GR

3

6 D-402

7 D-405

1 D-409

4 D-402

J/B

25 10A

20 20A

10 7.5A

ETACS-ECU

44 D-416

74

68 D-415

20 D-404

26 20A

15 10A

13 15A

(IG2)

(ACCI)

(IG1)

(ETACS +B)

WINDSHIELD WASHER RELAY

WIPER SPEED SWITCHING RELAY

WIPER AUTOMATIC STOP RELAY

POWER SOURCE

LIN INTERFACE

OFF ON

LO HI

OFF ON

(FR WIP ACC)

(F/WIP-WASH)

(F/WIP-LO)

(F/WIP-HI)

(F/WIP-AS)

(WB/U)

(LIN)

10 9 8 7 6 D-404

64

54 D-415

6 D-403

2 12 4 3 5 D-406

3 D-401

2

6 D-405

0.35R

L

*7

0.35P

(V-W)

(V-W)

(R-B)

·FRONT ROOM LAMP
·REAR ROOM LAMP

7 B

7 C

3

0.35R

*6

2 D

0.35L 0.35L

3 5 E

0.35L

COLUMN SWITCH D-312

8

3

1

9

(WB/U)

(DATA)

(+B)

(IG1)

COLUMN-ECU

4

(GND)

0.35 B

<F> 2B

20 *1

7 *2

1 4 2 10 3 5 6

WIPER/ WASHER SWITCH D-312-2

OFF ON

(HI) (LO) (INT)*3 (AUTO)*4 (MIST)

WINDSHIELD WIPER SWITCH

WINDSHIELD WASHER SWITCH

*5

(Y-B)

·CLOCK
·DC/DC CONVERTER
·SELECTOR LEVER ASSEMBLY

2 A

0.75LG

0.75P

0.75BR

0.75BE

1.25W

1*1 3*2

4*1 5*2

5*1 4*2

3*1 1*2

1

WASHER MOTOR A-20

M

2

0.85B-W

<*8>

CIRCUIT BREAKER

OFF ON

<*8>

2

0.75B

1.25B

WINDSHIELD WIPER MOTOR A-05

16

1

NOTE
*1 : LHD
*2 : RHD
*3 : VEHICLES WITHOUT RAIN SENSITIVE AUTO WIPER
*4 : VEHICLES WITH RAIN SENSITIVE AUTO WIPER
*5 : ·WINDSHIELD INTERMITTENT WIPER INTERVAL ADJUSTING KNOB <VEHICLES WITHOUT RAIN SENSITIVE AUTO WIPER>
·WINDSHIELD RAIN SENSITIVE WIPER FUNCTION ADJUSTING KNOB <VEHICLES WITH RAIN SENSITIVE AUTO WIPER>

NOTE
*6 : ·A/C-ECU
·CLOCK
·COMBINATION METER
·DAB TUNER
·EMERGENCY CALL CONTROL UNIT
·HANDS FREE-ECU
·KEY REMINDER SWITCH
·KOS&OSS-ECU
·MULTIVISION DISPLAY
·RADIO AND CD PLAYER
·SPARE CONNECTOR (FOR AUDIO)
*7 : ·A/C-ECU
·AS&G OFF SWITCH
·COMBINATION METER
·EMERGENCY CALL CONTROL UNIT
·EMERGENCY CALL RELAY BOX
·HAZARD INDICATOR ASSEMBLY
·SELECTOR LEVER ASSEMBLY
·STEERING WHEEL SENSOR
·TRANSFER-ECU
*8 : DOUBLE CAB OR CLUB CAB

A-05 (MU802095)

A-20

D-312 (MU801514)

D-312-2

D-401 MU801691

D-402 MU801331

D-403 MU801857

D-404 J/B SIDE

D-405 MU801839

D-406 MU801855

D-409

D-415 (MU803766)

D-416 (MU803765)

Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSP0E00AC

3

<LHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

<T>0.35G <T>0.35W

22 11

J/C (CAN1) (D-133)

21 10

<T>(L-W) <T>(BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

B-W 4 B-W 5

20

<VEHICLES WITH RAIN SENSITIVE AUTO WIPER WITH LANE DEPARTURE WARNING>

J/B (FUSE (15))

2 E

0.35L

11

L-W

4

LDW-ECU (INCORPORATING LIGHTING CONTROL SENSOR) (F-08)

IG

CANL CANH GND

3 2 1

<T>(B-W) <T>(R-W) B

10 9 (D-01)

<T>0.35SB <T>0.35G

14 3

8

4

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR

·REAR WHEEL SPEED SENSOR

ENGINE-ECU (D-11)

(CANL) (CANH)

109 108

<T>0.35BR <T>0.35Y

11 12

<T>0.35G <T>0.35P

21 10

ASTC-ECU (A-02)

CANL CANH

4 16

<T>0.35W <T>0.35LG

20 21 (D-04)

<T>0.35L <T>0.35GR

16 5

J/C (CAN2) (D-112)

20 9

<T>0.35L <T>0.35SB

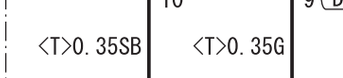
18 7

A-02

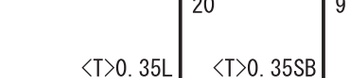


D-01

D-04



D-11



D-112

D-133

D-229

MU803797

FRONT SIDE

D-403

MU801857

D-409

1

D-415

(MU803766)

F-08

Wire colour code

B : Black LG : Light green G : Green L : Blue W : White Y : Yellow

SB : Sky blue BR : Brown O : Orange GR : Grey R : Red

P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSP0E00BC

4

5

6

<RHD>

FUSIBLE LINK (2)

10R

1 (D-409)

J/B

(12)

15A

13 (D-403)

W-B

ETACS-ECU (D-415)

(CANL) (CANH)

65 56

<T>0. 35G <T>0. 35W

22 11

J/C (CAN1) (D-133)

18 7

<T>0. 35L <T>0. 35SB

21 10

J/C (CAN2) (D-112)

17 6

<T> (L-W) <T> (BR-W)

16 14 6

DIAGNOSIS CONNECTOR (D-229)

B-W 4 B-W 5

7

<VEHICLES WITH RAIN SENSITIVE AUTO WIPER>

J/B (FUSE (15))

2

E

0. 35L

11

L-W

4

LDW-ECU (INCORPORATING LIGHTING CONTROL SENSOR) (F-08)

IG

CANL CANH GND

3 2 1

<T> (B-W) <T> (R-W) B

10 9 (D-01)

<T>0. 35SB <T>0. 35G

8

21 10

ENGINE-ECU (D-11)

(CANL) (CANH)

109 108

<T>0. 35BR <T>0. 35Y

11 12

<T>0. 35G <T>0. 35P

22 11

INPUT SIGNAL

·FRONT WHEEL SPEED SENSOR

·REAR WHEEL SPEED SENSOR

ASTC-ECU (A-02)

CANL CANH

4 16

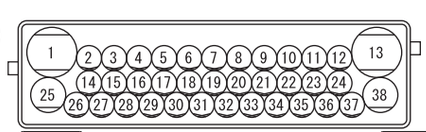
<T>0. 35W <T>0. 35LG

20 21 (D-04)

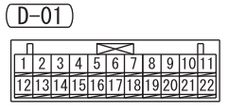
<T>0. 35L <T>0. 35GR

14 3

A-02



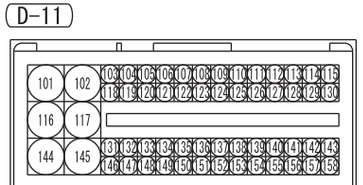
D-01



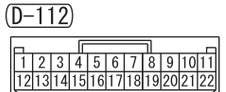
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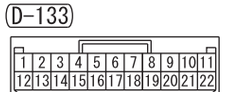
D-11



D-112



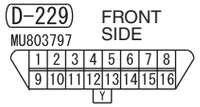
D-133



D-229

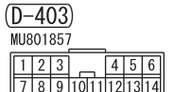
FRONT SIDE

MU803797



D-403

MU801857

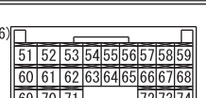


D-409

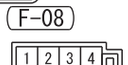
1

D-415

(MU803766)



F-08



Wire colour code

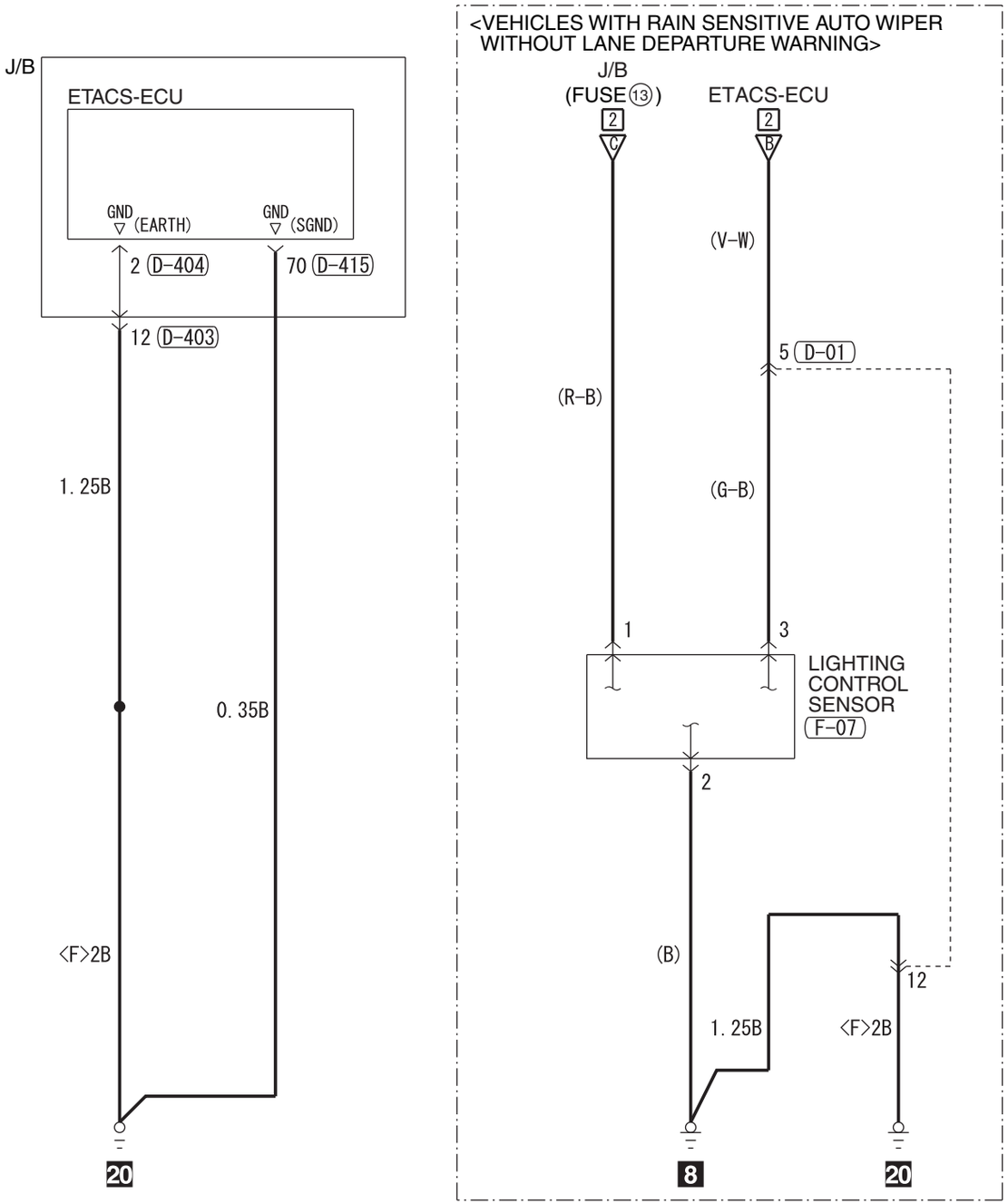
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow

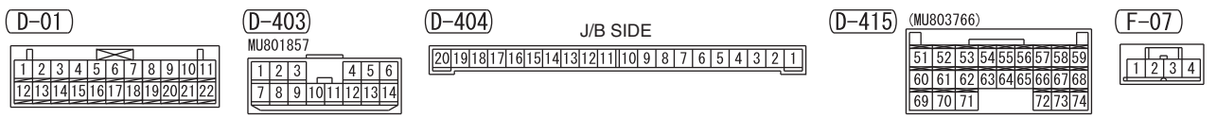
SB : Sky blue BR : Brown O : Orange GR : Grey R : Red

P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSP0E00CC

7





Wire colour code
B : Black LG : Light green G : Green L : Blue W : White Y : Yellow SB : Sky blue BR : Brown
O : Orange GR : Grey R : Red P : Pink V : Violet PU : Purple SI : Silver BE : Beige

HHSP0E00DC