

ACTYON

(C135 - LHD)

**ELECTRICAL WIRING
DIAGRAM**

- C100: (2006.05 ~) (EU-III)
- C120: (2006.09 ~) (EU-III, IV)
- C135: (2007.12 ~) (08 MY)

SECTION INDEX

**POSITION OF
CONNECTORS AND
GROUNDS**

1

**USAGE AND CAPACITY
OF FUSES IN FUSE BOX**

2

**WIRING DIAGRAM FOR
POWER SUPPLIES**

3

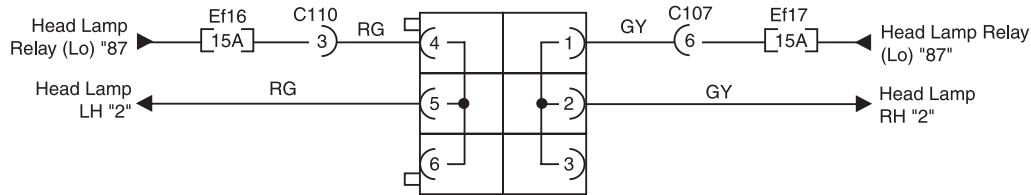
**ELECTRICAL WIRING
DIAGRAMS**

4

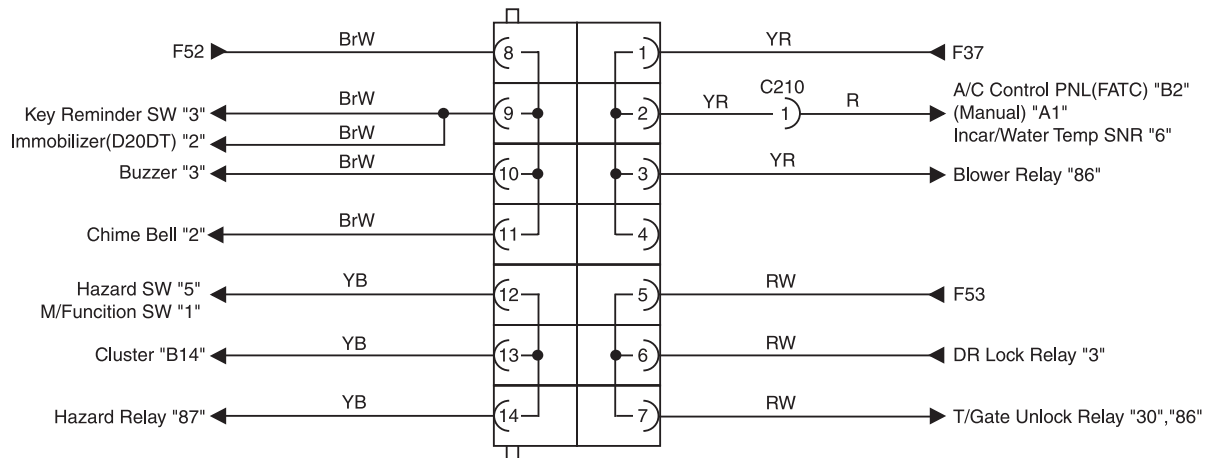


2) SPLICE PACK CIRCUIT

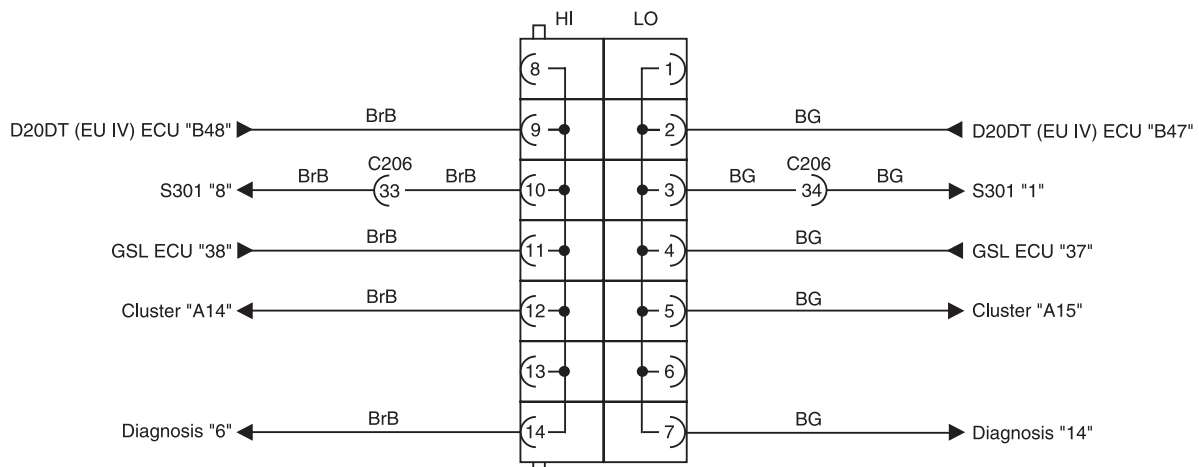
• S101



• S201

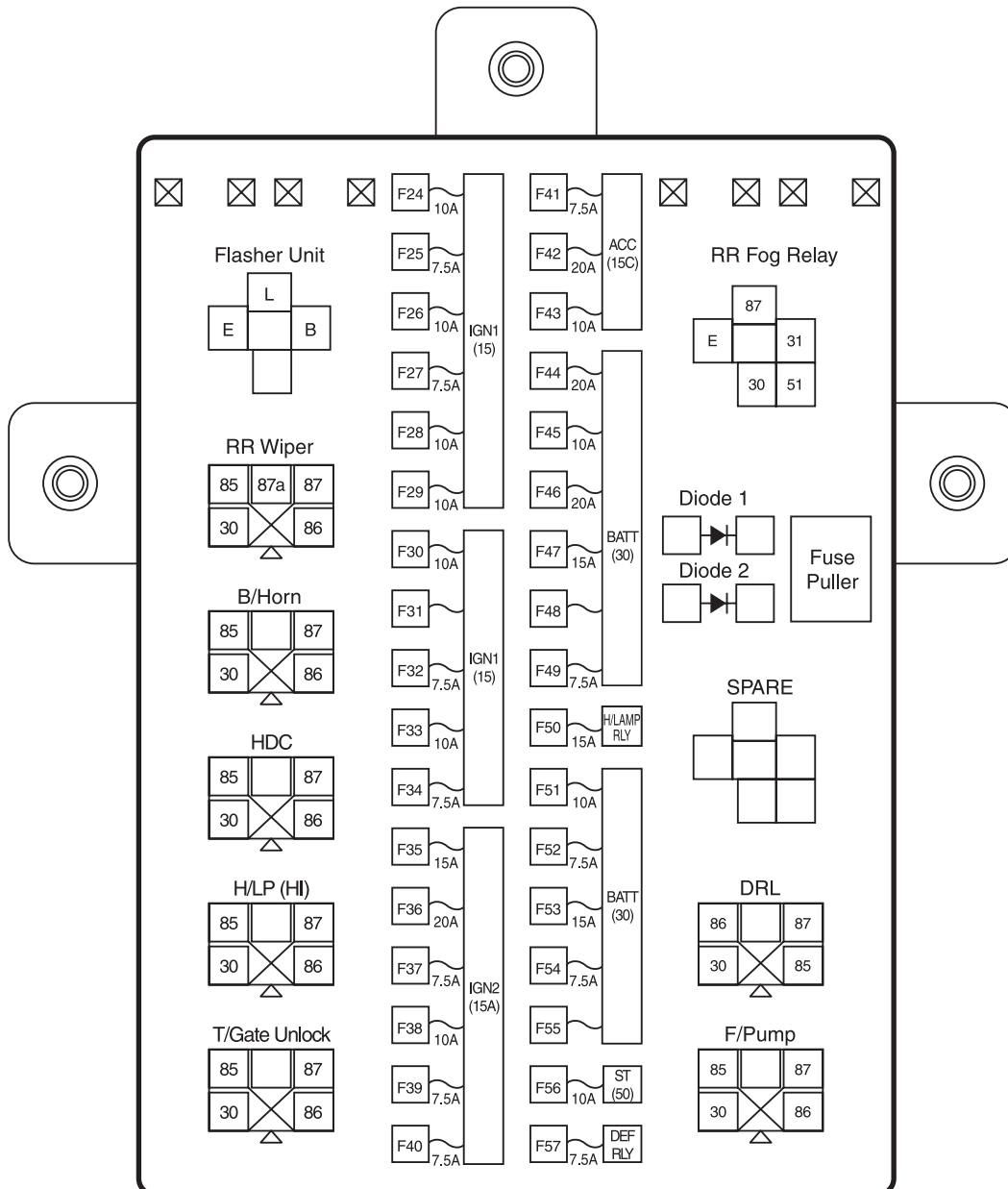


• S202 (CAN)



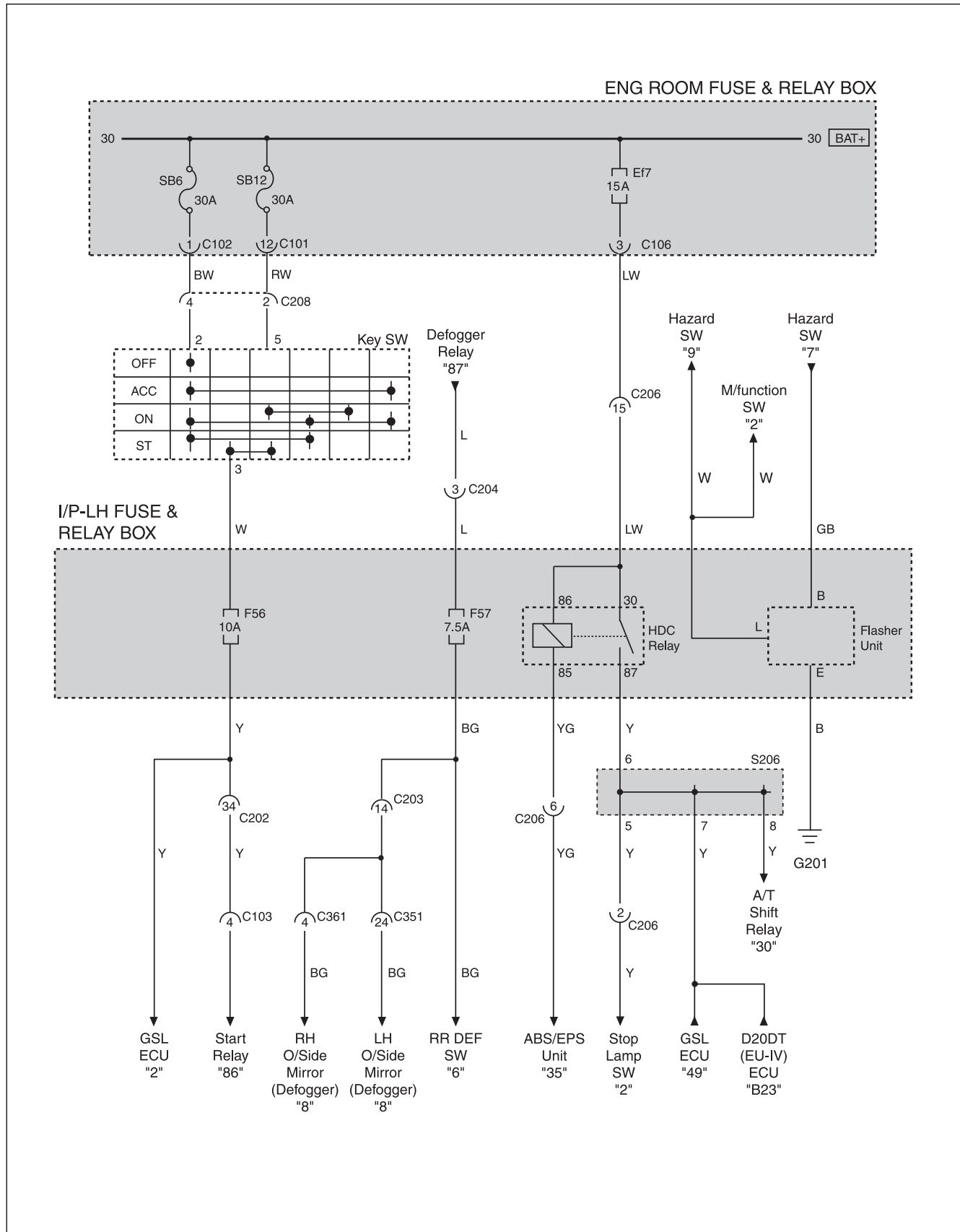


2) POWER SUPPLY





7) F56 ~ F57, HDC RELAY, FLASHER UNIT

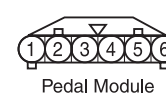
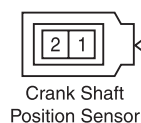
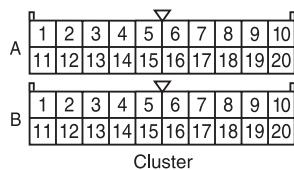
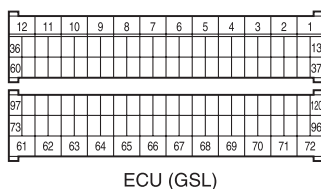
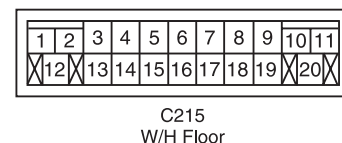
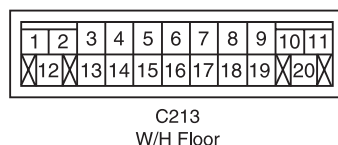
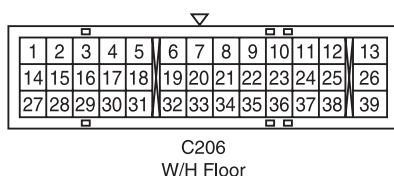
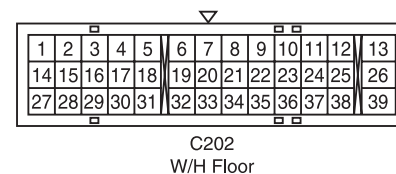
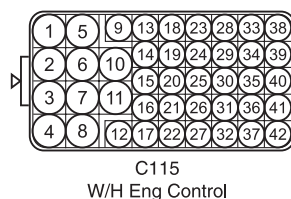
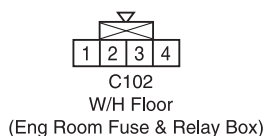




A. CONNECTOR INFORMATION

Connector Number (Pin Number, Color)	Connecting Wiring Harness	Connector Position	Remark
C102 (4Pin, White)	W/H Floor - Eng Room Fuse & Relay Box	Eng Room Fuse & Relay Box	
C115 (42Pin, Black)	W/H Floor - W/H Eng Control	Right Eng Room Dash PNL	
C202 (39Pin, Black)	W/H Main - W/H Floor	Driver Cowl Side C/Holder	
C206 (39Pin, Black)	W/H Main - W/H Floor	Upper the Driver Legroom	C/Holder
C213 (20Pin, Red)	W/H Main - W/H Floor	Passenger Cowl Side C/Holder	
C215 (20Pin, Brown)	W/H Main - W/H Floor	Passenger Cowl Side C/Holder	
G205	W/H Floor	RH Eng ECU	ECU
G206	W/H Main	Inner the Passenger Cowl Side PNL	

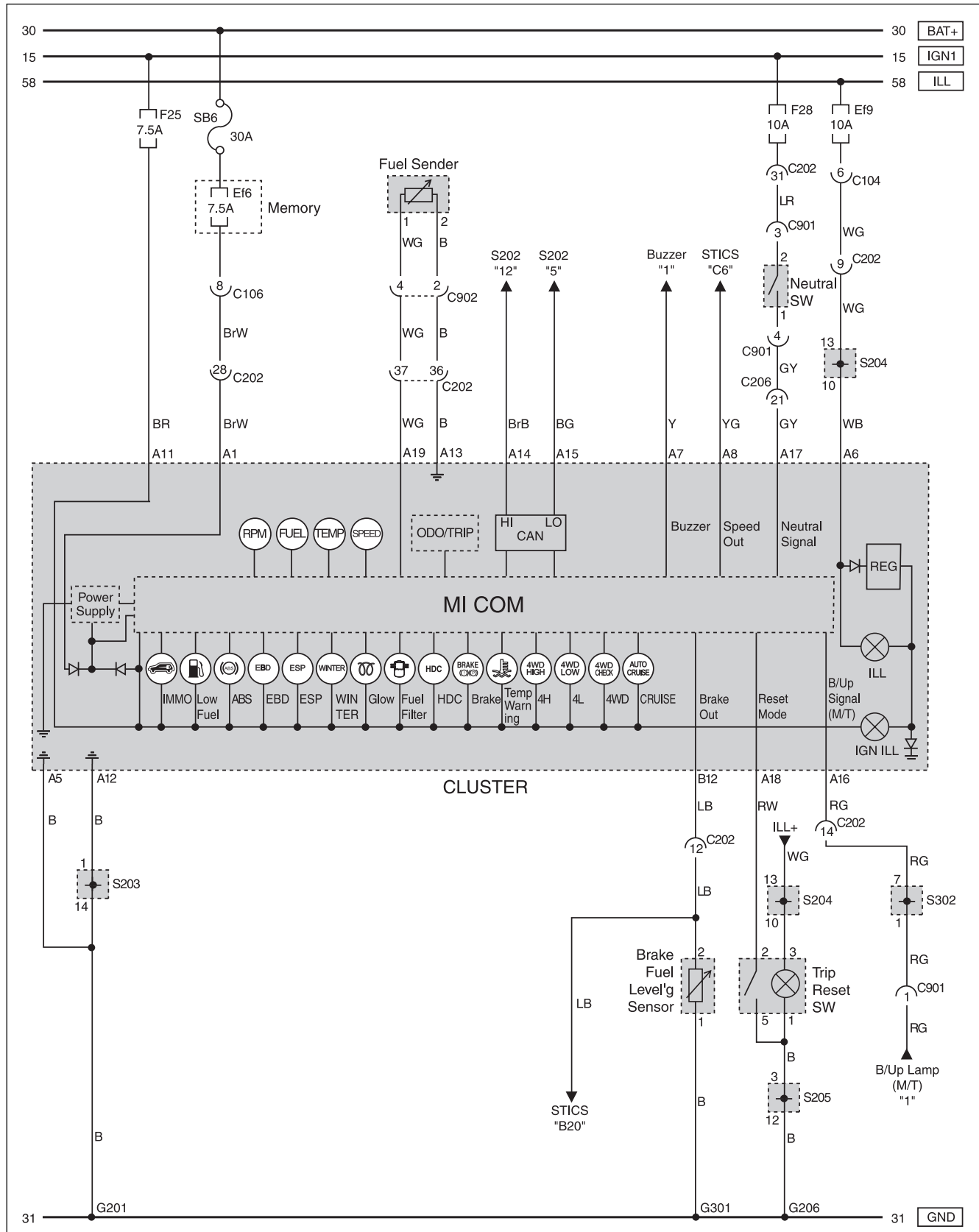
B. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION





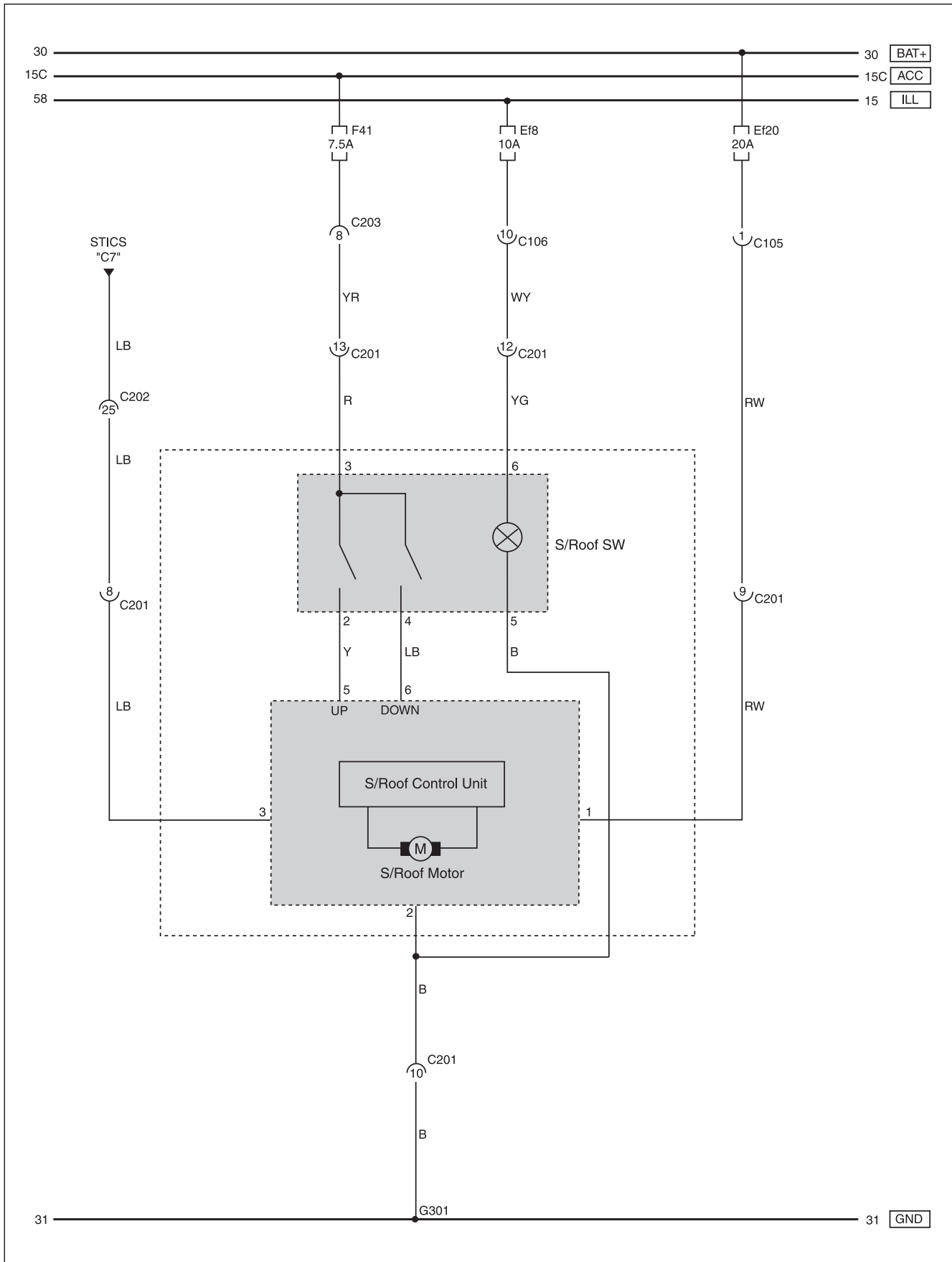
12. CLUSTER **8010**

1) GAUGE (SPEED, RPM, FUEL, TEMP), WARNING LAMP (FUEL, FUEL FILTER, ABS/ESP, BRAKE, HDC, 4WD),





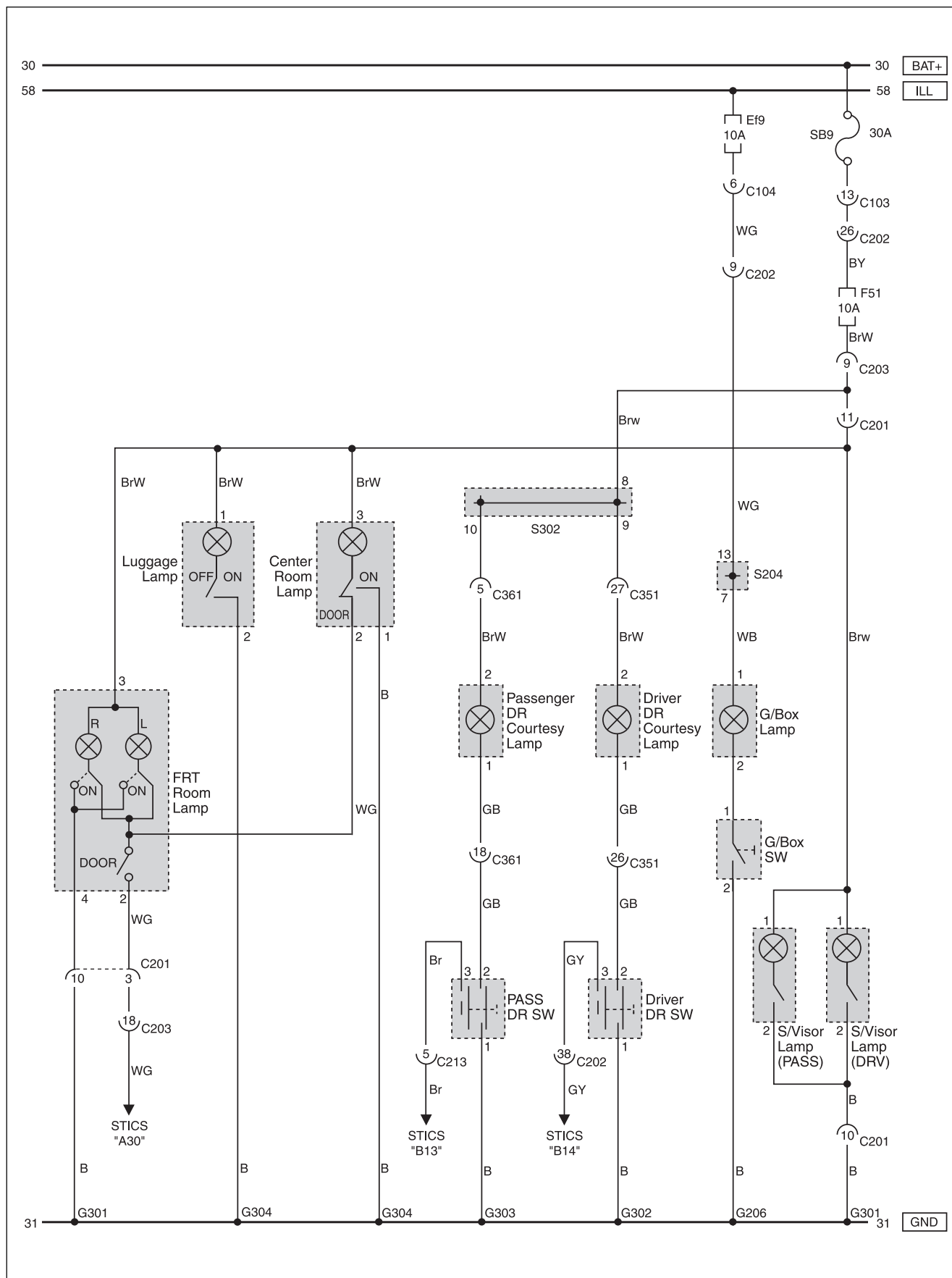
22. SUN ROOF CIRCUIT **7340**





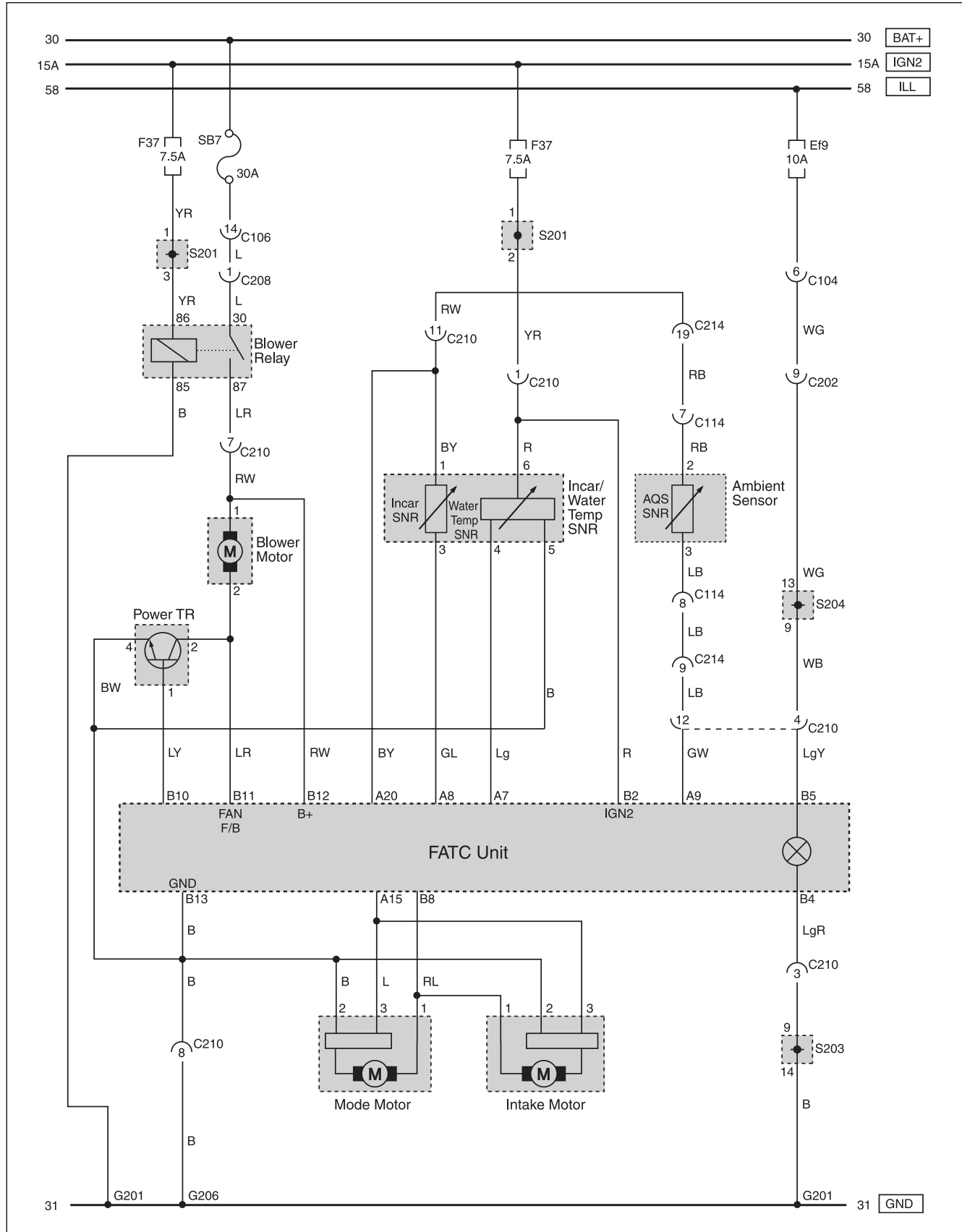
30. INTERIOR LAMP CIRCUIT

7770





4) BLOWER, ACTUATOR (MODE, INTAKE), AMBI SENSOR

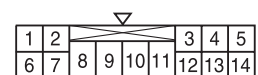




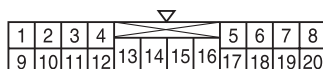
A. CONNECTOR INFORMATION

Connector Number (Pin Number, Color)	Connecting Wiring Harness	Connector Position	Remark
C104 (14Pin, White)	W/H Floor - Eng Room Fuse & Relay Box	Eng Room Fuse & Relay Box	
C106 (20Pin, White)	W/H Floor - Eng Room Fuse & Relay Box	Eng Room Fuse & Relay Box	
C202 (39Pin, Black)	W/H Main - W/H Floor	Driver Cowl Side C/Holder	
C208 (4Pin, Colorless)	W/H Main - W/H Floor	Upper the Driver Legroom	C/Holder
C210 (16Pin, White)	W/H Main - W/H A/Con	Inside the Middle I/P (Right PTC)	
C212 (20Pin, L/Green)	W/H Main - W/H Floor	Passenger Cowl Side C/Holder	
G201	W/H Main	Under the Driver Cowl Side PNL	Under C/Holder
G206	W/H Main	Inner the Passenger Cowl Side PNL	
S201 (14Pin, Black)	W/H Main	RH Protector of the Driver Legroom	
S203 (14Pin, Black)	W/H Main	RH Protector of the Driver Legroom	GND
S204 (14Pin, Black)	W/H Main	RH Protector of the Driver Legroom	ILL

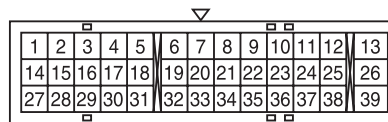
B. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



C104
W/H Floor
(Eng Room Fuse & Relay Box)



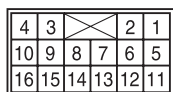
C106
W/H Floor
(Eng Room Fuse & Relay Box)



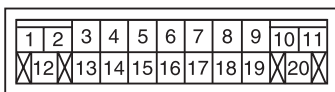
C202
W/H Floor



C208
W/H Floor



C210
W/H A/Con



C212
W/H Floor



Blower SW



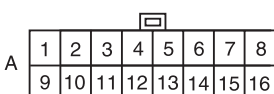
Blower Motor



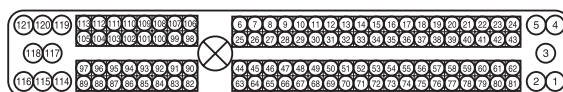
Blower Resistor



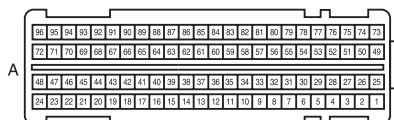
Incar Sensor



A/C Control Panel
(Manual)



D20DT ECU



D20/D27DT (EU-IV) ECU



D20/D27DT (EU-IV) ECU

D20/D27DT (EU-IV) ECU

D20/D27DT (EU-IV) ECU

D20/D27DT (EU-IV) ECU

D20/D27DT (EU-IV) ECU

D20/D27DT (EU-IV) ECU

D20/D27DT (EU-IV) ECU

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D20/D27DT (EU-IV) ECU

D20/D27DT (EU-IV) ECU

D20/D27DT (EU-IV) ECU

D20/D27DT (EU-IV) ECU

D20/D27DT (EU-IV) ECU

D20/D27DT (EU-IV) ECU

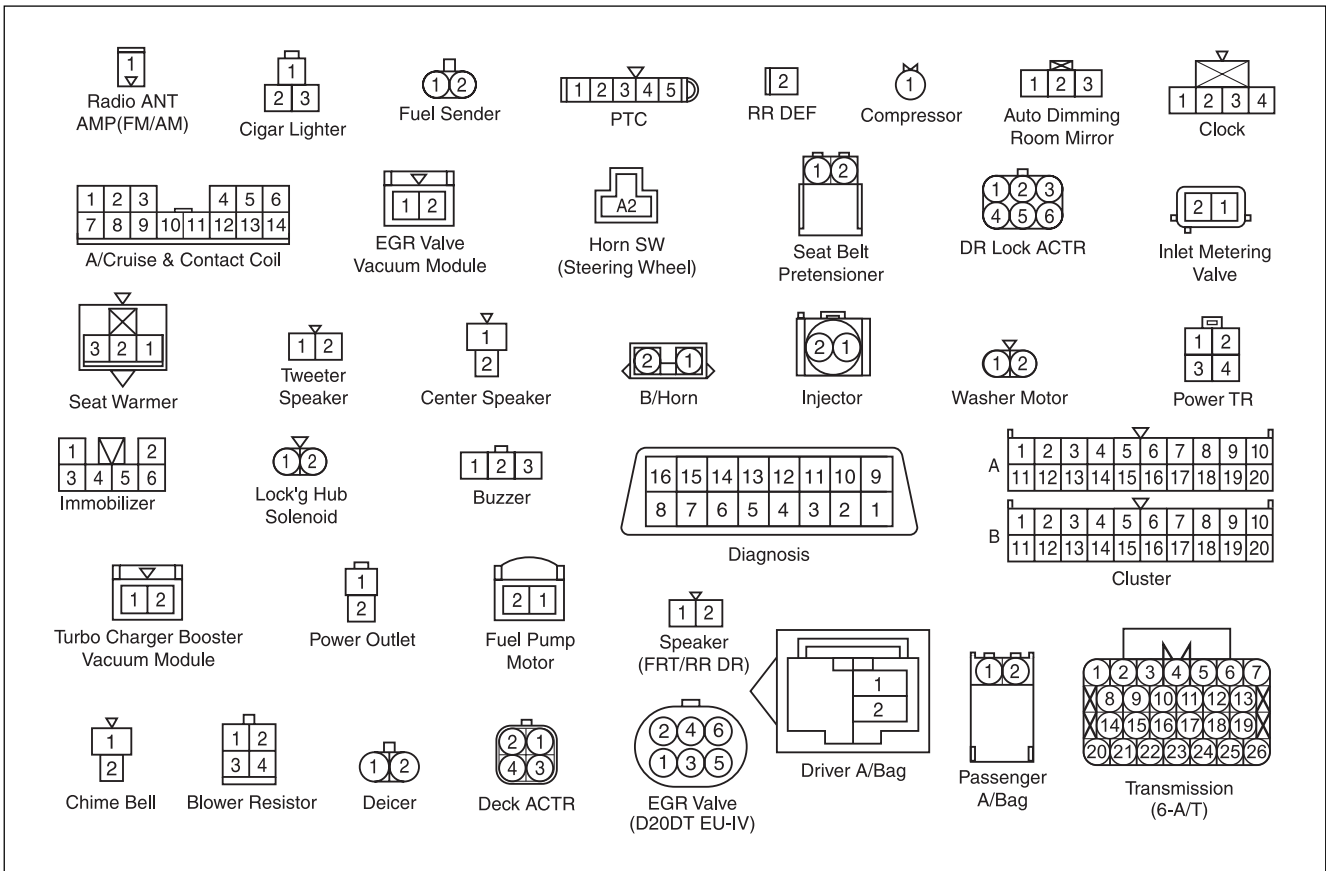
D20/D27DT (EU-IV) ECU

D20/D27DT (EU-IV) ECU

D20/D27DT (EU-IV) ECU

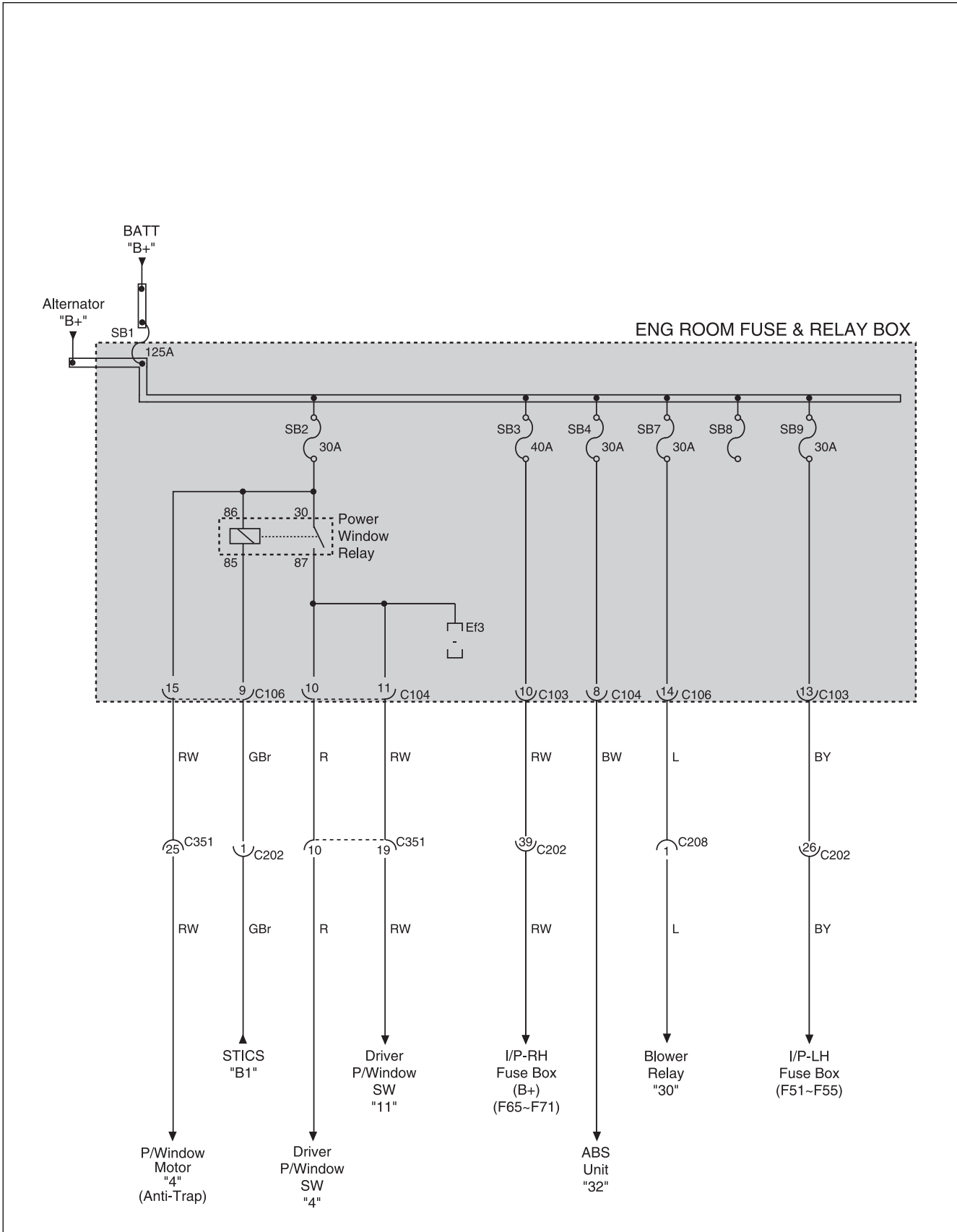


• ETC.



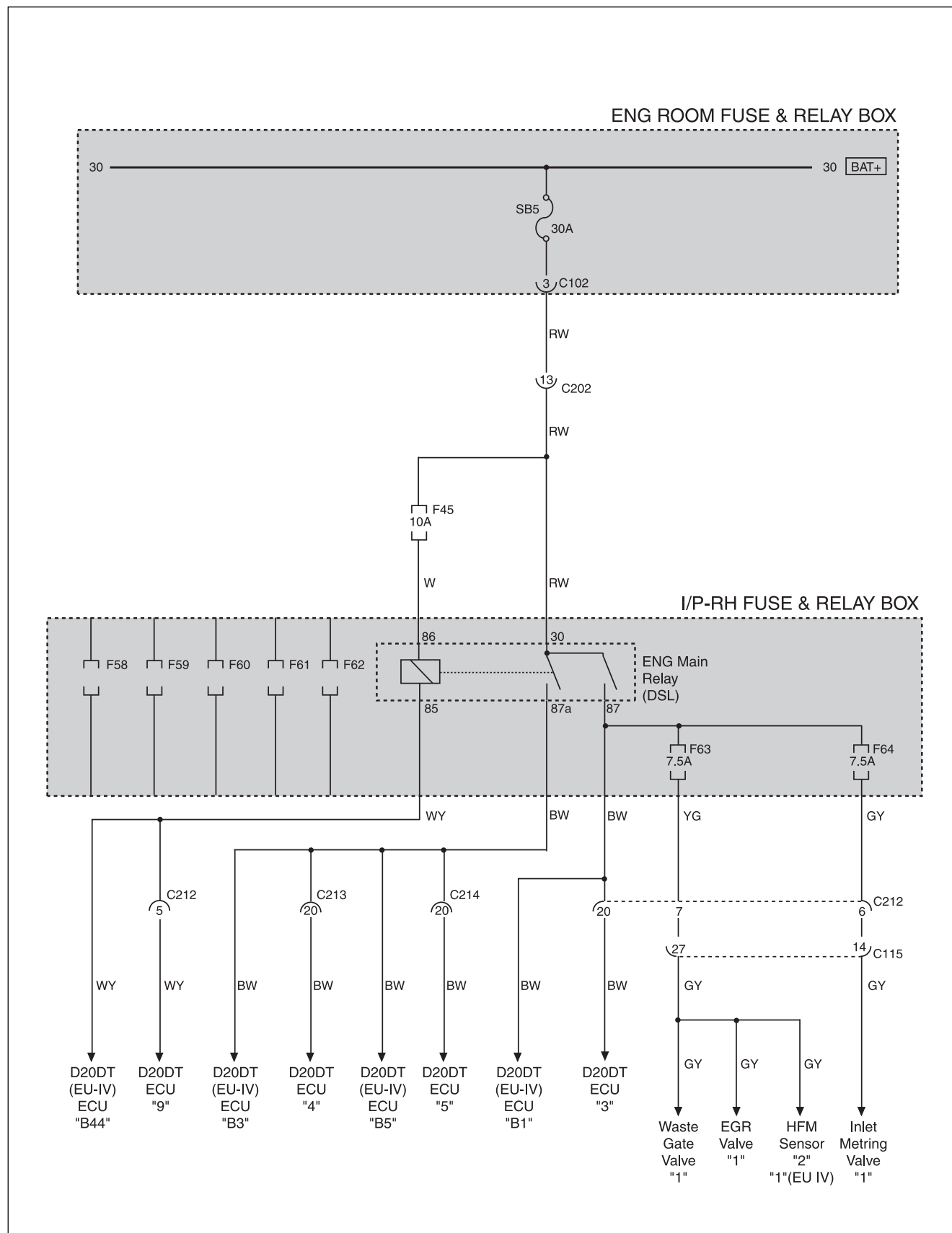


2) SB2~SB4, SB7~SB9, Ef3, POWER WINDOW RELAY



3. I/P - RH FUSE & RELAY BOX CIRCUIT 8410

1) F58 ~ F64, ENG MAIN RELAY



The diagram illustrates the electrical system for the D20DT ECU. It features a power supply section at the top with BAT+ (30) and IGN1 (15) lines. The ECU is represented by a central block with multiple signal pins. The bottom section shows various sensors and actuators connected to the ECU pins. The sensors include Fuel Pressure, Cam Shaft, Booster Pressure, Crank Shaft, Knock Sensor #1, Coolant Temp, and Fuel Temp. The actuators include PTC1, PTC2, and PTC3 relays, and C/Fan Relay (LO) and C/Fan Relay (HI) relays. The diagram also shows various fuses (F26, F27, F52) and switches (SB15, SB13, SB14, Key Reminder SW "1").

Power Supply:

- BAT+ (30)
- IGN1 (15)

ECU Pins and Connections:

- 5V REF (6, 111, 99, 90, 45, 101, 109)
- SIG (25, 103, 108, 82, 46, 102, 110)
- 5V REF (26, 104, 100, 82, 46, 102, 110)
- SIG (25, 103, 108, 82, 46, 102, 110)
- 5V REF (26, 104, 100, 82, 46, 102, 110)
- SIG (25, 103, 108, 82, 46, 102, 110)
- 5V REF (26, 104, 100, 82, 46, 102, 110)
- SIG (25, 103, 108, 82, 46, 102, 110)

Sensors and Actuators:

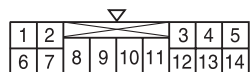
- Fuel Pressure Sensor (3, 1, 2)
- Cam Shaft Sensor (1, 2, 3)
- Booster Pressure Sensor (1, 2, 4)
- Crank Shaft Sensor (1, 2)
- Knock Sensor #1 (1, 2)
- Coolant Temp. Sensor (1, 4)
- Fuel Temp. Sensor (1, 2)
- PTC1 Relay (87, 85, 13, 5)
- PTC2 Relay (87, 85, 13, 5)
- PTC3 "5" (13, 5)
- C/Fan Relay (LO) "85" (4, 15)
- C/Fan Relay (HI) "85" (4, 15)

Other Components:

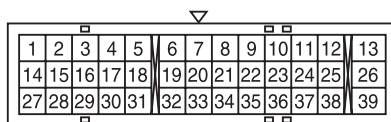
- F26 (10A)
- F27 (7.5A)
- F52 (7.5A)
- SB15 (40A)
- SB13 (40A)
- SB14 (40A)
- Key Reminder SW "1"
- IMMO (Ignition Immobilizer)
- Preheating Unit
- STICS "A23"
- G201

**A. CONNECTOR INFORMATION**

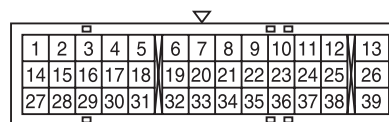
Connector Number (Pin Number, Color)	Connecting Wiring Harness	Connector Position	Remark
C104 (14Pin, White)	W/H Floor - Eng Room Fuse & Relay Box	Eng Room Fuse & Relay Box	
C202 (39Pin, Black)	W/H Main - W/H Floor	Driver Cowl Side C/Holder	
C206 (39Pin, Black)	W/H Main - W/H Floor	Upper the Driver Legroom	C/Holder
C213 (20Pin, Red)	W/H Main - W/H Floor	Passenger Cowl Side C/Holder	
C301 (6Pin, White)	W/H Floor - W/H Driver Seat	Under the Driver Seat	
C302 (6Pin, White)	W/H Floor - W/H Passenger Seat	Under the Passenger Seat	
G201	W/H Main	Under the Driver Cowl Side PNL	Under C/Holder
G301	W/H Floor	Under the Driver Seat	
G302	W/H Floor	Under the Passenger Seat	
S203 (14Pin, Black)	W/H Main	RH Protector of the Driver Legroom	GND
S204 (14Pin, Black)	W/H Main	RH Protector of the Driver Legroom	ILL

B. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

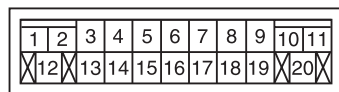
C104
W/H Floor
(Eng Room Fuse & Relay Box)



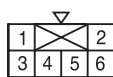
C202
W/H Floor



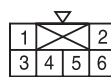
C206
W/H Floor



C213
W/H Floor



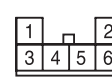
C301
W/H Driver Seat



C302
W/H Passenger
Seat



Seat Warmer



Seat Warmer
SW