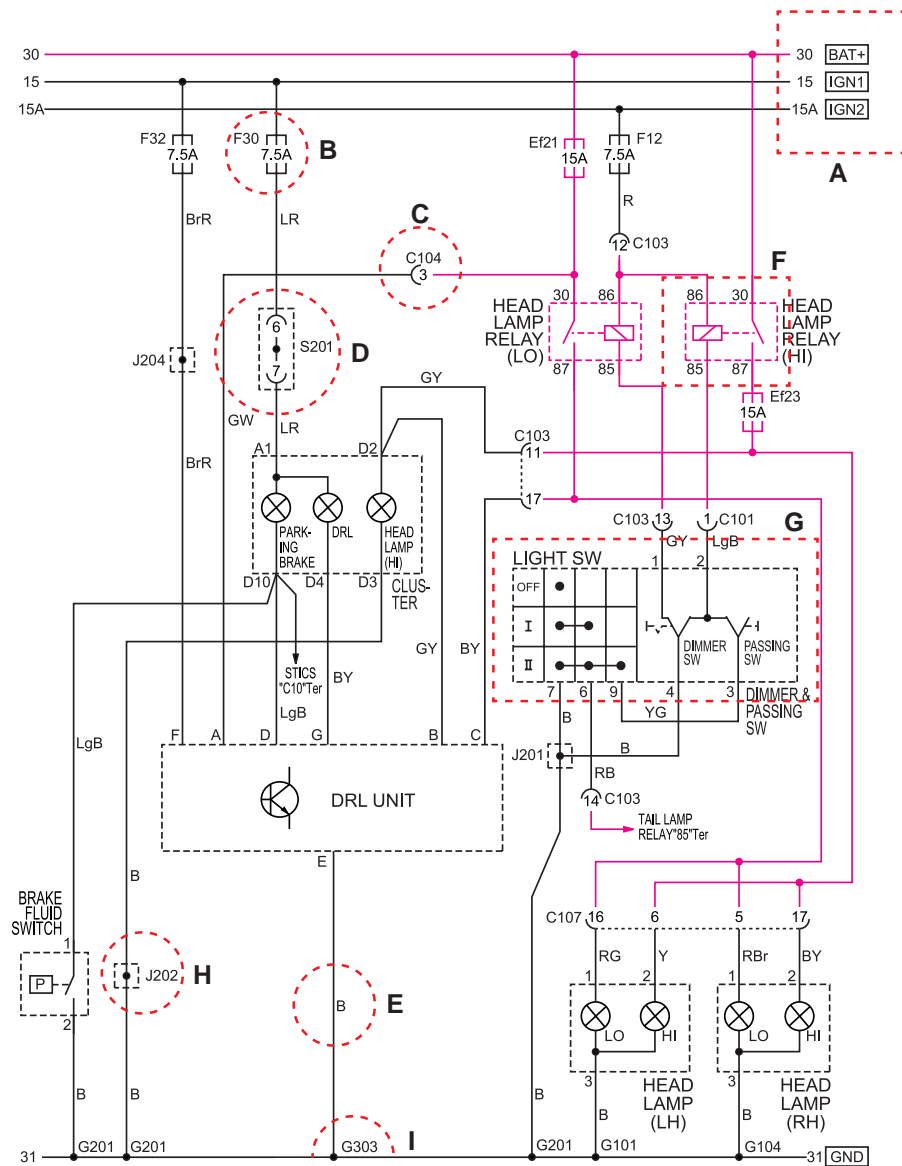


1. HOW TO READ ELECTRICAL WIRING DIAGRAM



1) CONTENTS OF ELECTRICAL WIRING DIAGRAM (CIRCUIT)

POSITION	EXPLANATION
A	- Upper horizontal lines : Power supply lines - Power supply lines : 30, 15, 15A, 15C, 58
B	- Ef20 or F2 : Fuse Number • Ef20 : Fuse No #20 in engine room compartment • F2 : Fuse No #2 in passenger room compartment
C	- Connector (C101~C901) • Connector No C203 terminal No1 * Refer to Major Connector Position (Section 2)
D	- S201 : Splice pack (S101~S306) * Refer to Major Splice Pack Position (Section2)
E	- Wiring Harness Color * Refer to Wiring Harness Color Abbreviation
F	- Internal circuit of component (Relay) (Component Name and Terminal Number)
G	- Internal circuit of component (Switch) (Component Name, Terminal Number and Connecting Wiring Circuit)
H	- J201 : Joint(J101~J401) * Refer to Major Joint Position(Section2)
I	- Lower horizontal line : Ground line • Ground position(G101~G402) • B : Body Ground * Refer to Major Ground Position (Section2)

2. CIRCUIT IDENTIFICATION SYMBOL

IDENTIFICATION SYMBOL	MEANING
C	Connector
D	Diode
Ef	Fuse in engine room fuse & relay box
F	Fuse in passenger room fuse box
G	Ground
J	Joint - Inline wire connected point
S	Splice pack(Junction connector)

3. FUNCTION OF POWER SUPPLY LINE (NUMBER)

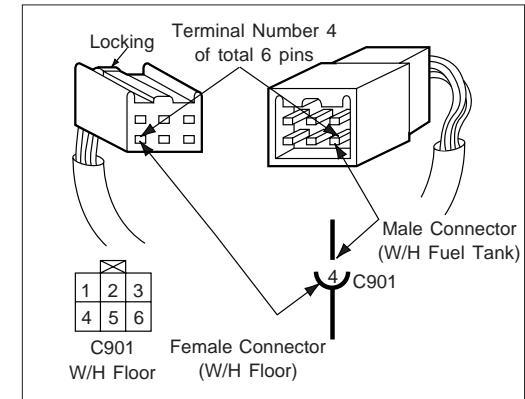
Power supply No	Power supply condition
15	Battery Voltage(B+) supply in Ignition Switch "ON" and "ST" (IGN 1)
15A	Battery Voltage(B+) supply in Ignition Switch "ON" (IGN 2)
15C	Battery Voltage(B+) supply in Ignition Switch "ON" and "ACC"
30	Battery Voltage(B+) supply directly regardless of Ignition Switch
31	Ground connected to battery(-)
58	Battery Voltage(B+) supply in Head Lamp Switch 1st and 2nd step (Illumination circuit)

4. WIRING HARNESS COLOR IDENTIFICATION

Abbreviation	Color	Abbreviation	Color
Br	Brown	Sb	Sky Blue
G	Green	R	Red
V	Violet	L	Blue
P	Pink	Y	Yellow
W	White	Gr	Gray
Or	Orange	B	Black
Lg	Light Green		

5. HOW TO CHECK TERMINAL NUMBER OF CONNECTOR

- Terminal number is given based on Female Terminal Connector
- ex) Terminal Number 4 of C901 connection

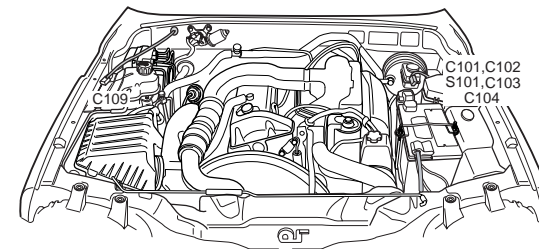
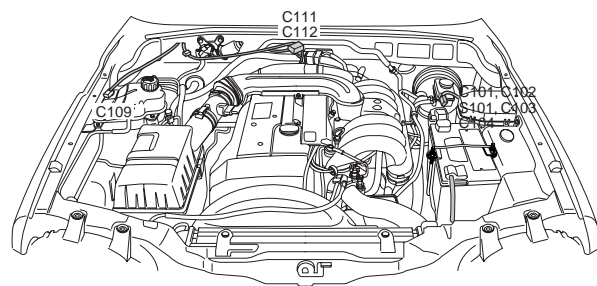
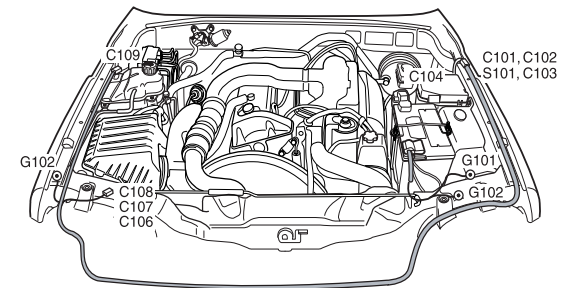
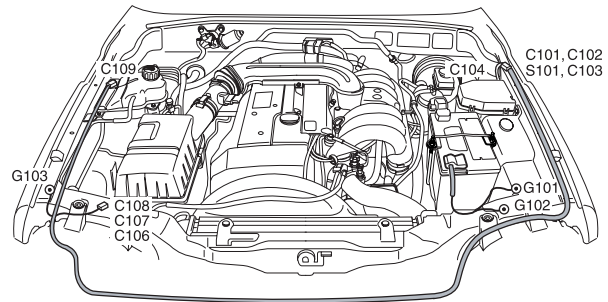


3. WIRING HARNESS, CONNECTOR & GROUND LOCATION

1) W/H ENGINE ROOM

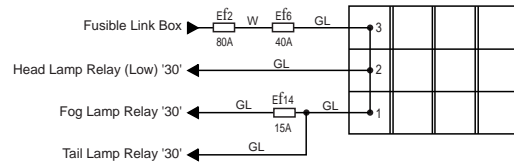
- GSL

- DSL

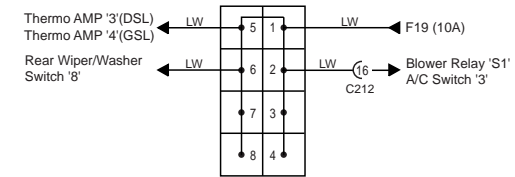


11) SPLICE PACK

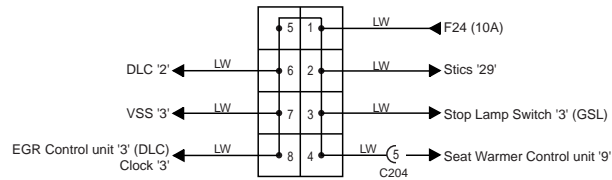
S101 (DSL/GSL)



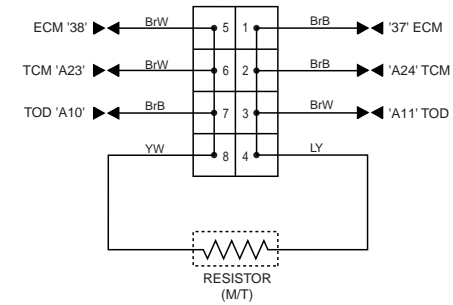
S204 (DSL/GSL)



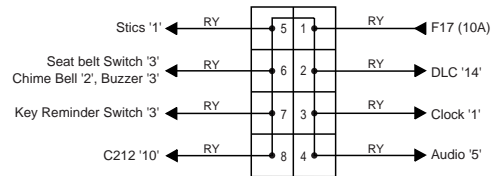
S201 (DSL/GSL)



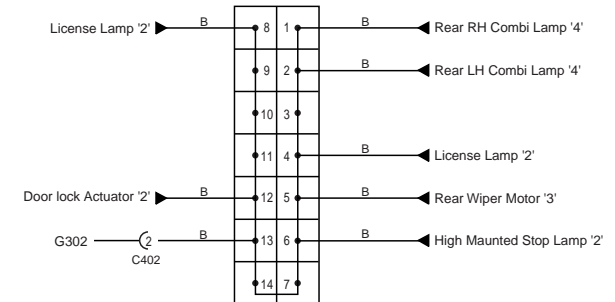
S205 (DSL/GSL)



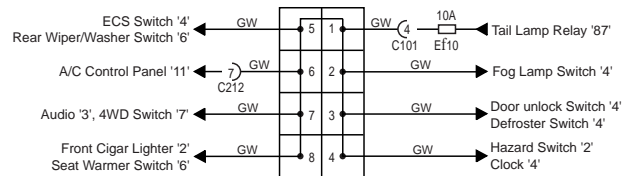
S202 (DSL/GSL)



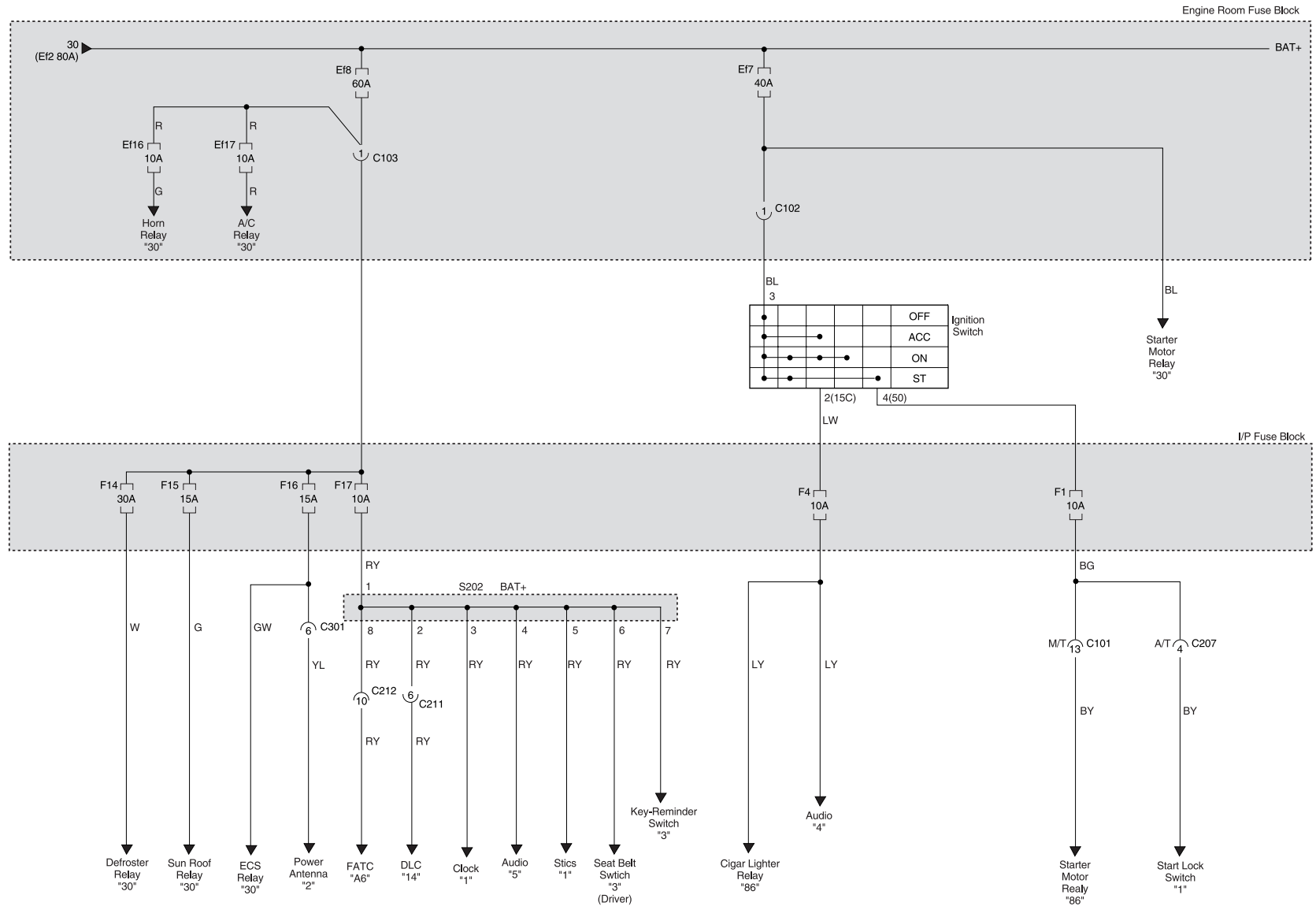
S401 (DSL/GSL)



S203 (DSL/GSL)

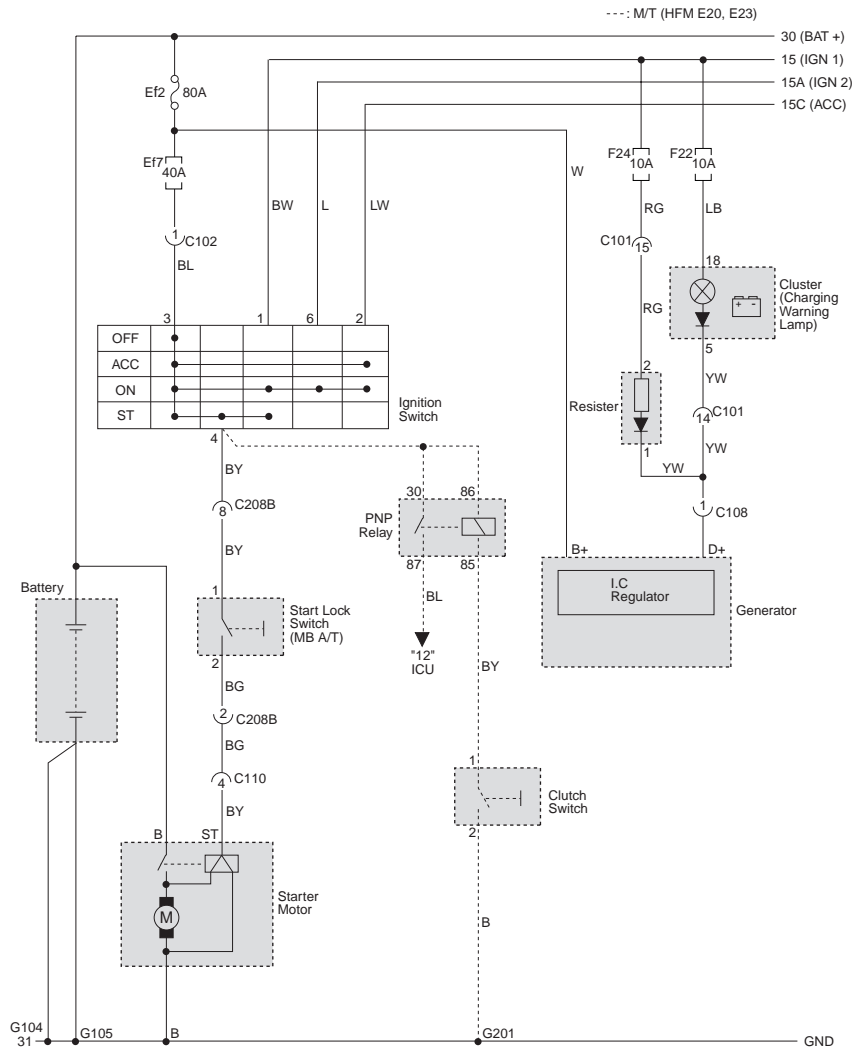


3-4 WIRING DIAGRAM FOR POWER SUPPLIES



1. STARTING & CHARGING SYSTEM

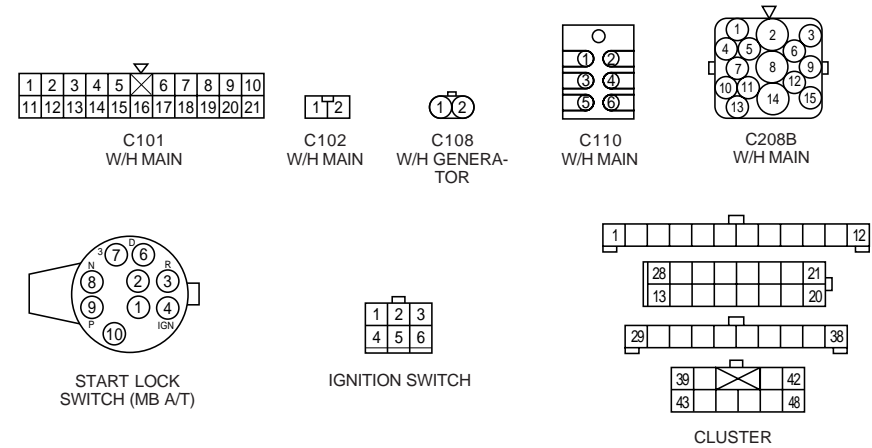
1) GSL E23 MB A/T



a. CONNECTOR INFORMATION

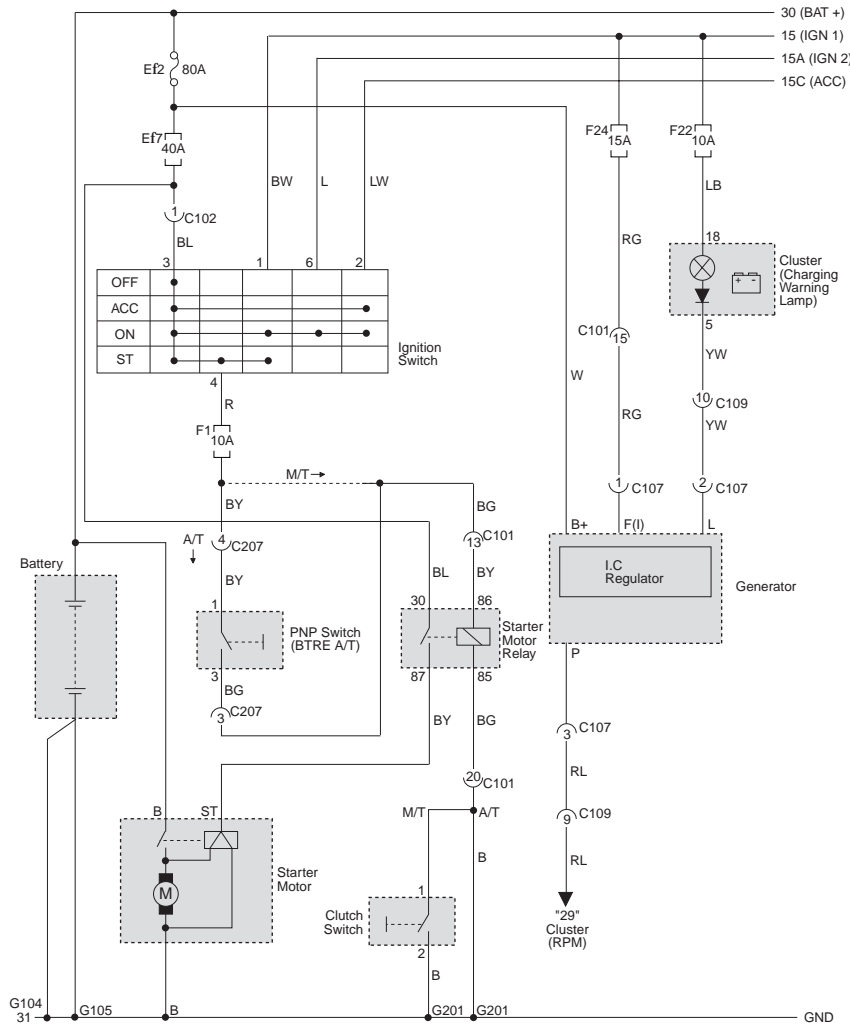
CONNECTOR(NUMBER)	CONNECTING. WIRING HARNESS	CONNECTOR POSITION
C101 (21Pin, Colorless)	Main - Engine	Inside The Engine Room Fuse Block
C102 (2Pin, Colorless)	Main - Engine	Inside The Engine Room Fuse Block
C108 (2Pin, Black)	Generator - Engine	Under The Air Cleaner Housing (GSL)
C110 (6Pin, Black)	Main - Engine Main	Behind The ABS Module (HFM)
C208B (15Pin, Black)	Main - T/M	Upper The T/C (GSL)

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



5-12 ELECTRICAL WIRING DIAGRAMS

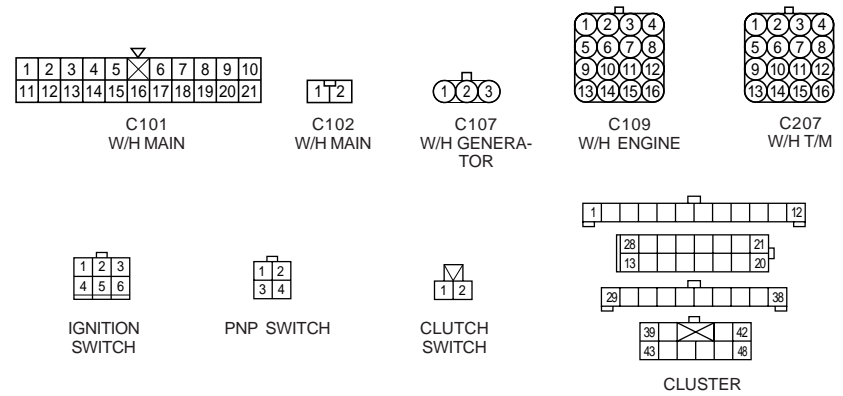
3) DSL NA BTRE A/T, M/T



a. CONNECTOR INFORMATION

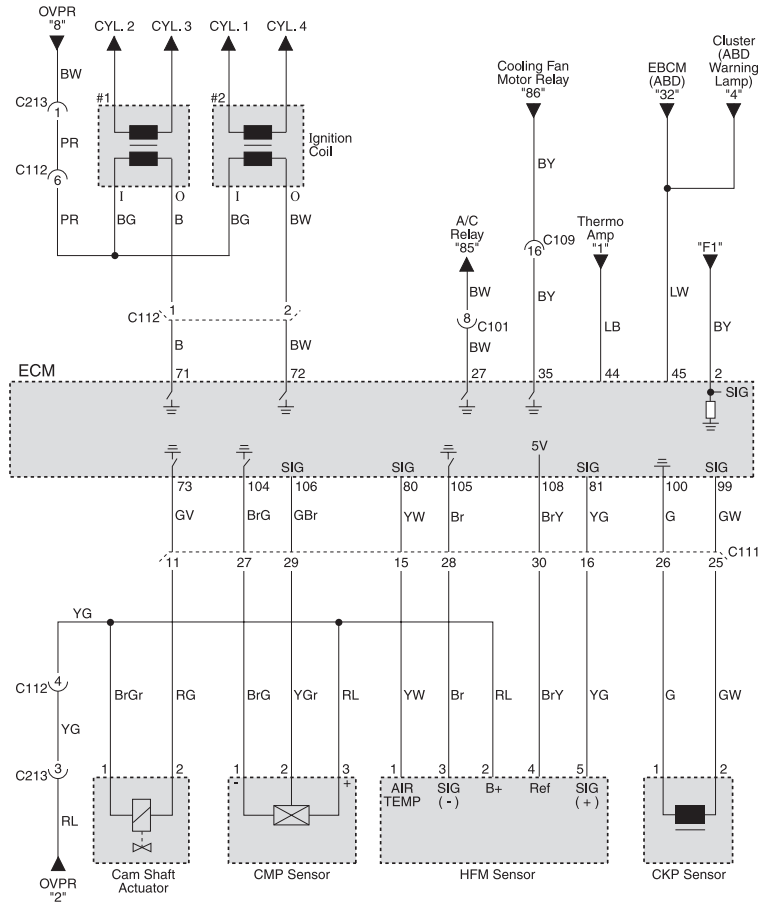
CONNECTOR(NUMBER)	CONNECTING. WIRING HARNESS	CONNECTOR POSITION
C101 (21Pin, Colorless)	Main - Engine	Inside The Engine Room Fuse Block
C102 (2Pin, Colorless)	Main - Engine	Inside The Engine Room Fuse Block
C107 (3Pin, Black)	Generator - Engine	Under The Air Cleaner Housing (DSL, N/Turbo)
C109 (16Pin, Black)	Engine - Main	Under The Coolant Reservoir Tank
C207 (16Pin, Black)	Main - T/M	Upper The T/C
G201	Main	Right The I/P Fuse Block

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



2) IGNITION COIL, SENSOR (CAM SHAFT POSITION, HFM, MAP, CKP), CAM SHAFT ACTUATOR CIRCUIT

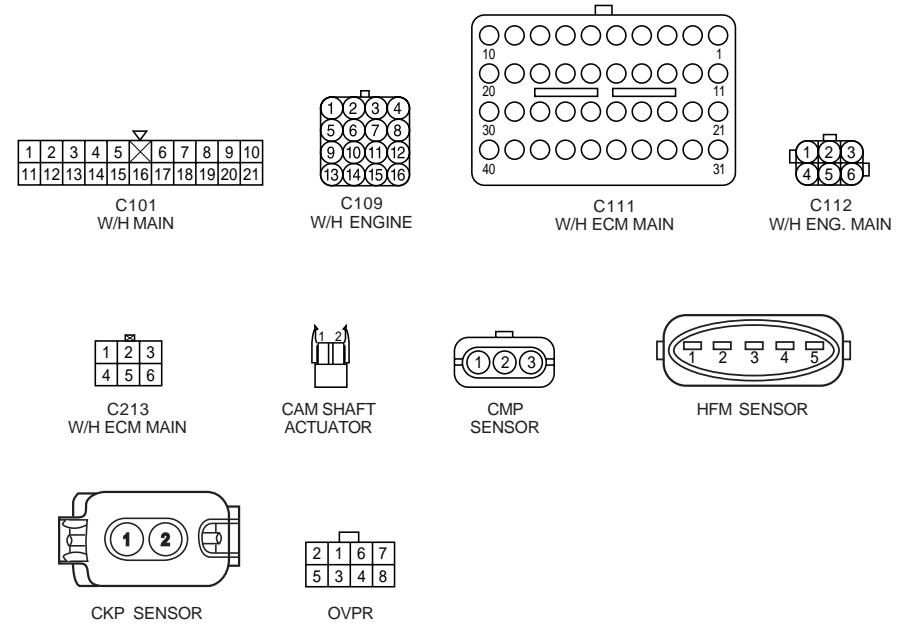
(1) W/O EURO III



a. CONNECTOR INFORMATION

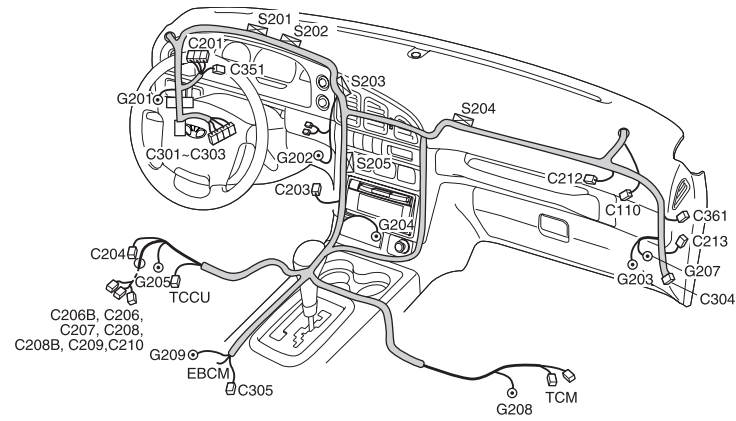
CONNECTOR(NUMBER)	CONNECTING. WIRING HARNESS	CONNECTOR POSITION
C101 (21Pin, Colorless)	Main - Engine	Inside The Engine Room Fuse Block
C109 (16Pin, Black)	Engine - Main	Under The Coolant Reservoir Tank
C111 (40Pin, Black)	Engine Main - ECM Main	Center The Engine Room Dash Panel
C112 (6Pin, Gray)	Engine Main - ECM Main	Center The Engine Room Dash Panel
C213 (6Pin, Colorless)	Main - ECM Main	Beside The ECM (MSE)

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



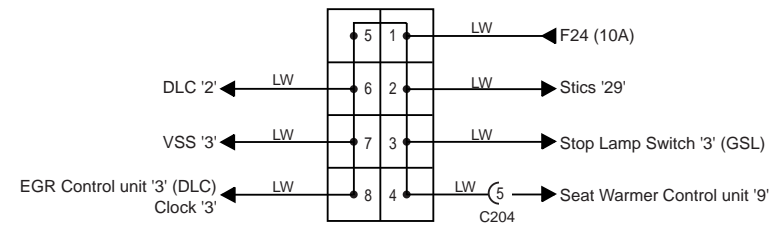
c. POSITION OF CONNECTORS AND GROUNDS

- W/H MAIN (I/P)

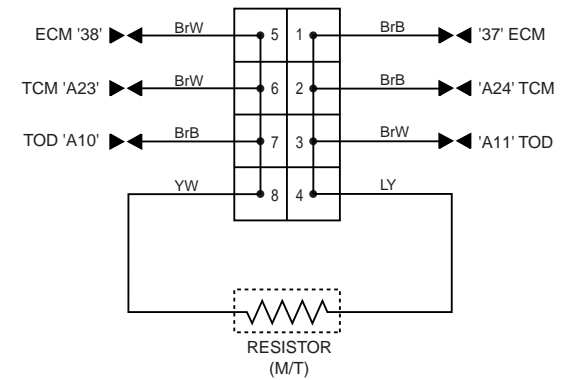


d. SPLICE PACK

S201 (BLACK)

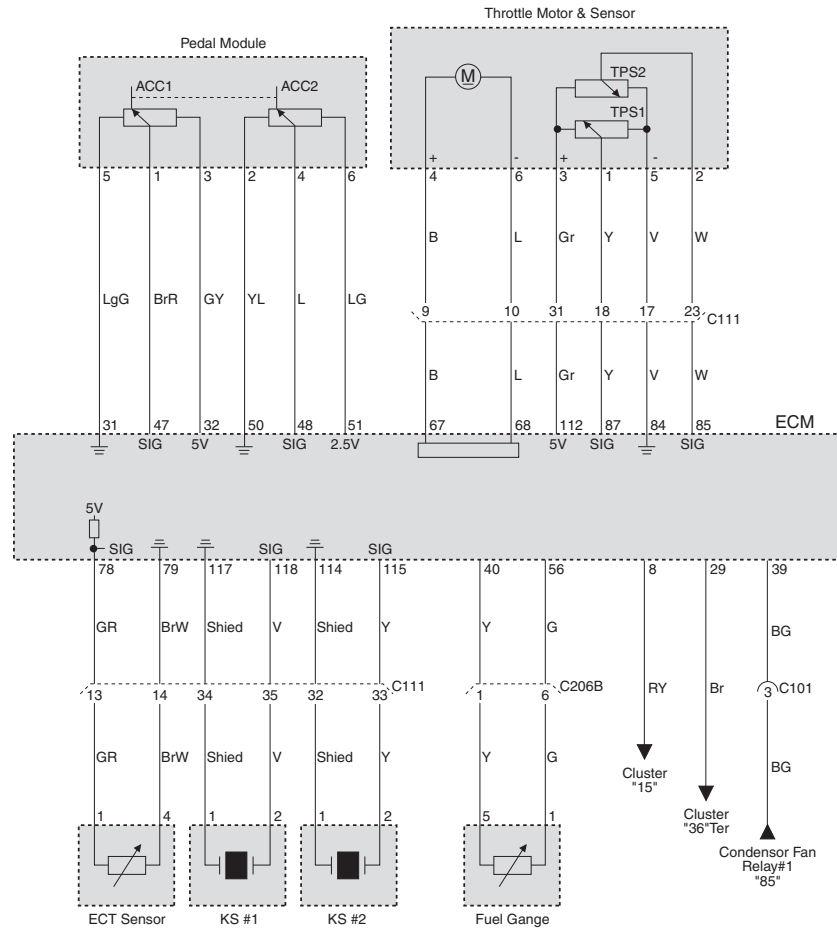


S205 (COLORLESS)



5-44 ELECTRICAL WIRING DIAGRAMS

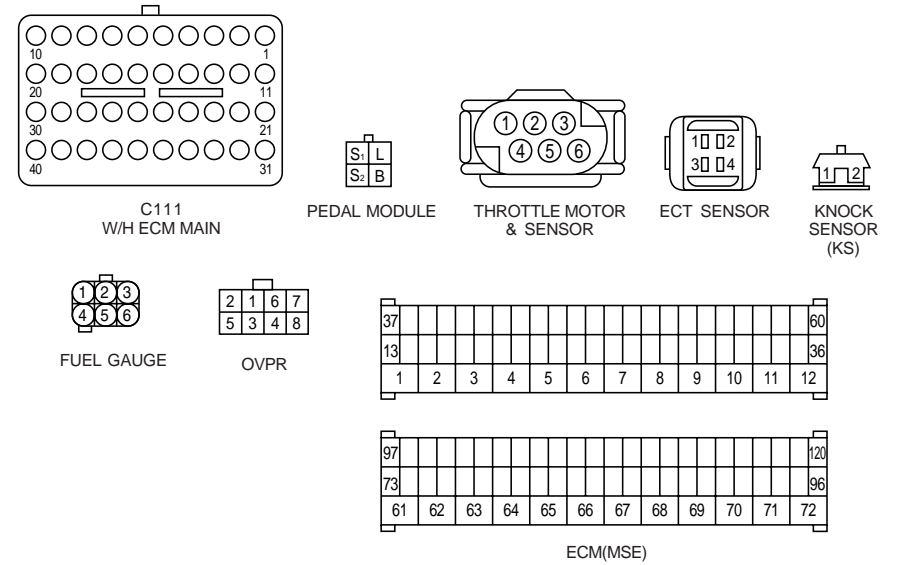
(2) W/ EURO III



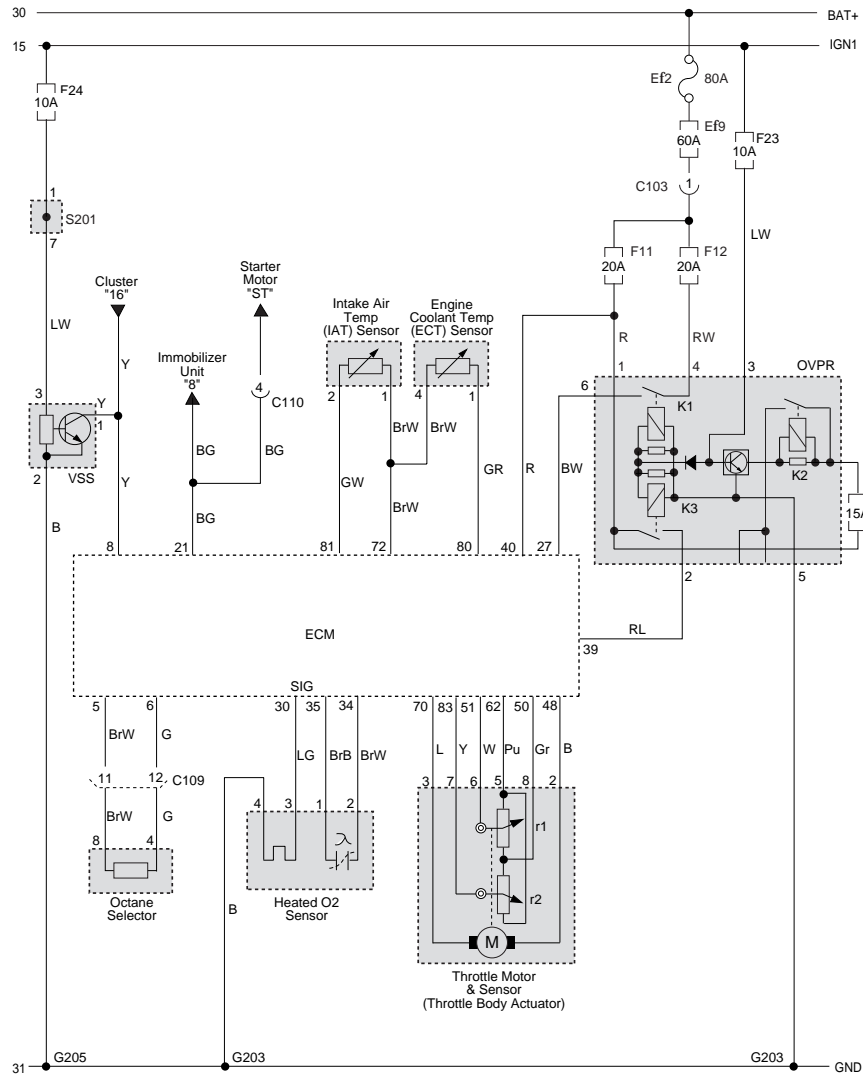
a. CONNECTOR INFORMATION

CONNECTOR(NUMBER)	CONNECTING. WIRING HARNESS	CONNECTOR POSITION
C111 (40Pin, Black)	Engine Main - ECM Main	Center The Engine Room Dash Panel
C206B (6Pin, Black)	Main - Fuel Tank	Upper The T/C (GSL)

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



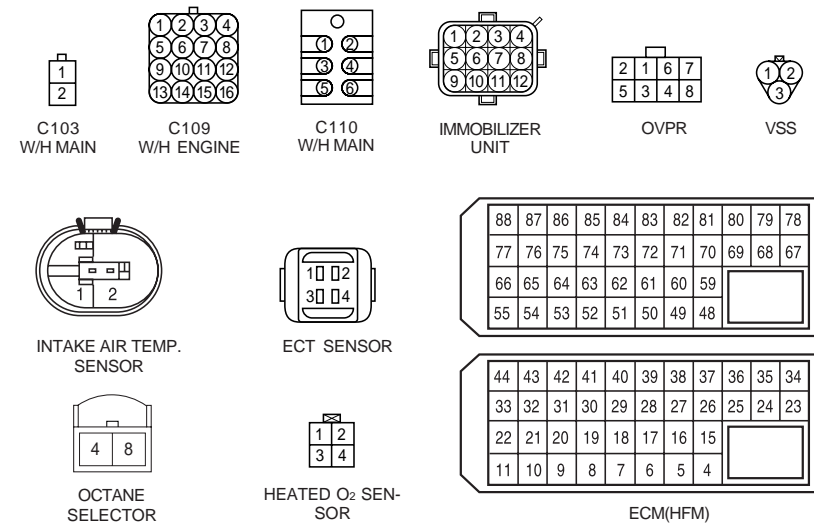
3) THROTTLE MOTOR & SENSOR, ECT SENSOR, VSS, HEATED O₂ SENSOR CIRCUIT



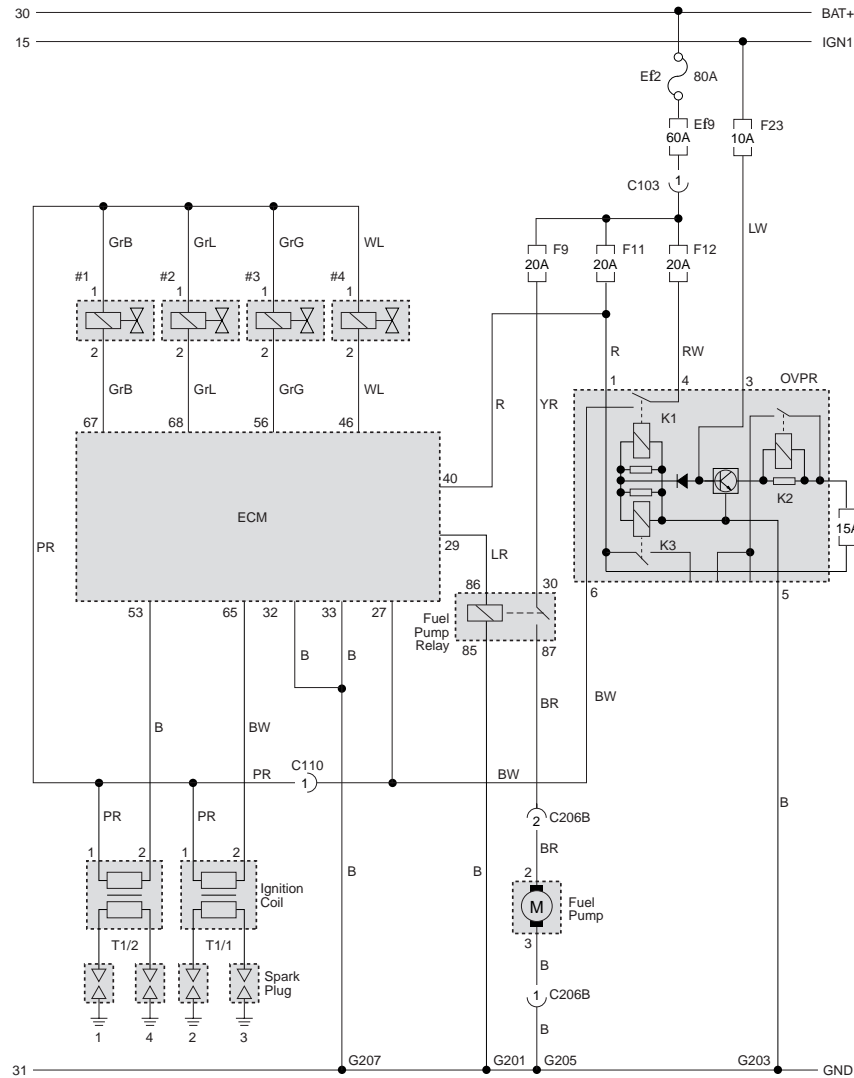
a. CONNECTOR INFORMATION

CONNECTOR(NUMBER)	CONNECTING. WIRING HARNESS	CONNECTOR POSITION
C103 (2Pin, White)	Main - Engine	Inside The Engine Room Fuse Block
C109 (16Pin, Black)	Enginex - Main	Under The Coolant Reservoir Tank
C110 (6Pin, Black)	Main - Engine Main	Behind The ABS Module (HFM)
S201 (Black)	Main	Behind The Cluster
G203	Main	Upper The ECM
G205	Main	Beside The TCCU

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



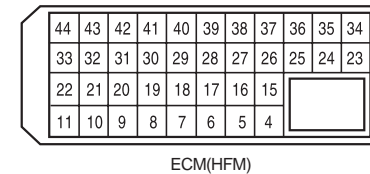
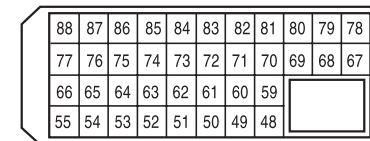
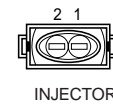
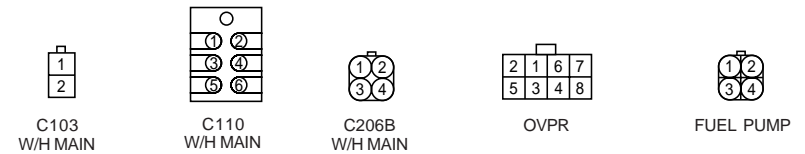
2) INJECTOR, OVPR, IGNITION COIL, FUEL PUMP CIRCUIT (W/O IMMOBILIZER)



a. CONNECTOR INFORMATION

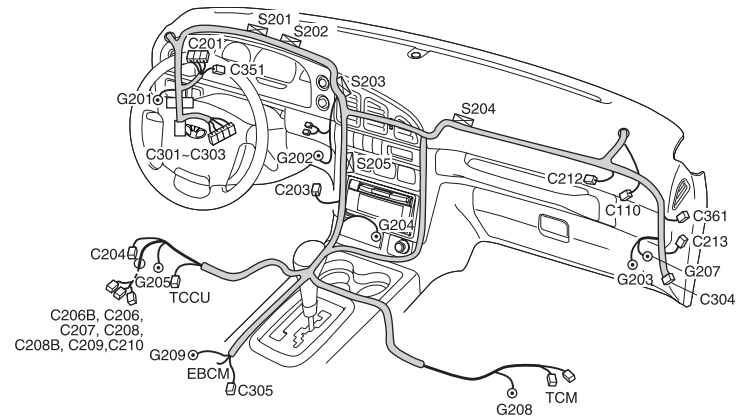
CONNECTOR(NUMBER)	CONNECTING. WIRING HARNESS	CONNECTOR POSITION
C103 (2Pin, White)	Main - Engine	Inside The Engine Room Fuse Block
C110 (6Pin, Black)	Main - Engine Main	Behind The ABS Module (HFM)
C206B (4Pin, Black)	Main - Fuel Tank	Upper The T/C (GSL)
G201	Main	Right The I/P Fuse Block
G203	Main	Upper The ECM
G205	Main	Beside The TCCU
G207	Main	Beside The ECM

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

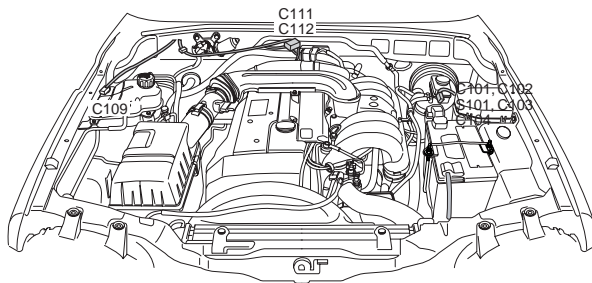


c. POSITION OF CONNECTORS AND GROUNDS

- W/H MAIN (I/P)

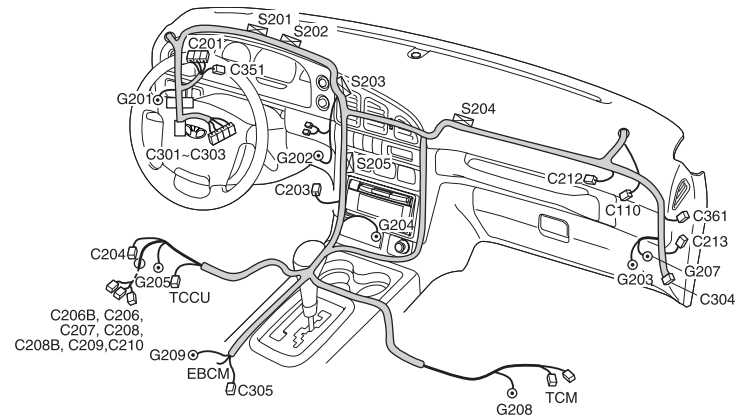


- W/H MAIN (GSL)

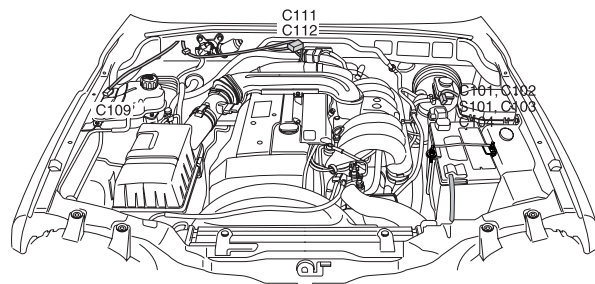


c. POSITION OF CONNECTORS AND GROUNDS

- W/H MAIN (I/P)

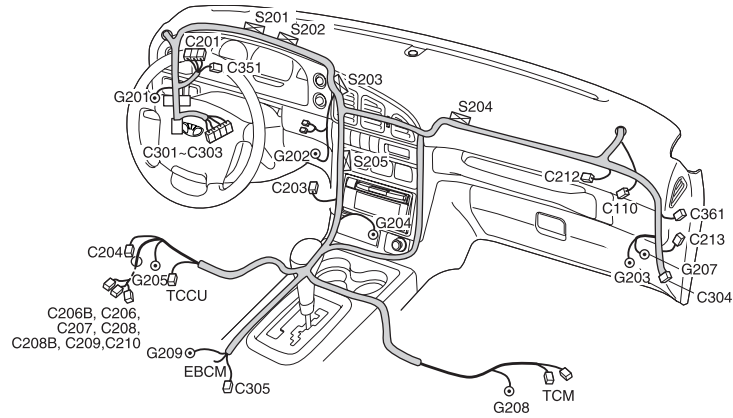


- W/H MAIN (GSL)

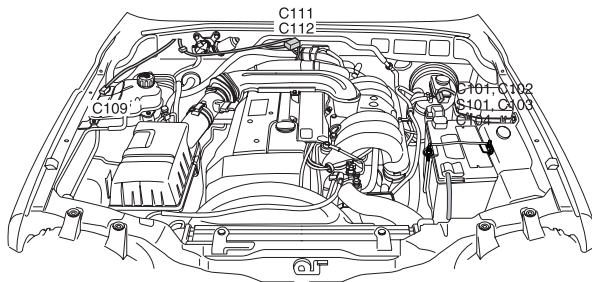


c. POSITION OF CONNECTORS AND GROUNDS

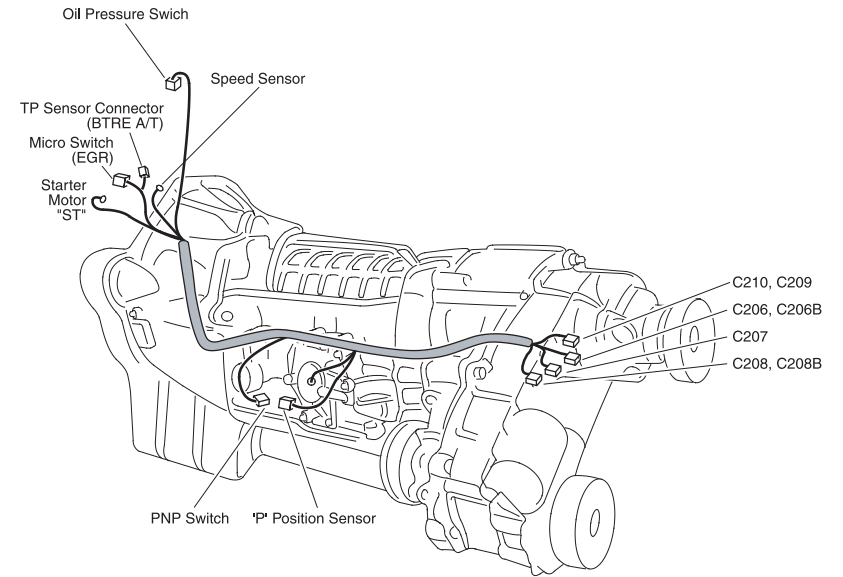
- W/H MAIN (I/P)



- W/H MAIN (GSL)



- W/H T/M



d. SPLICE PACK

S201 (BLACK)

