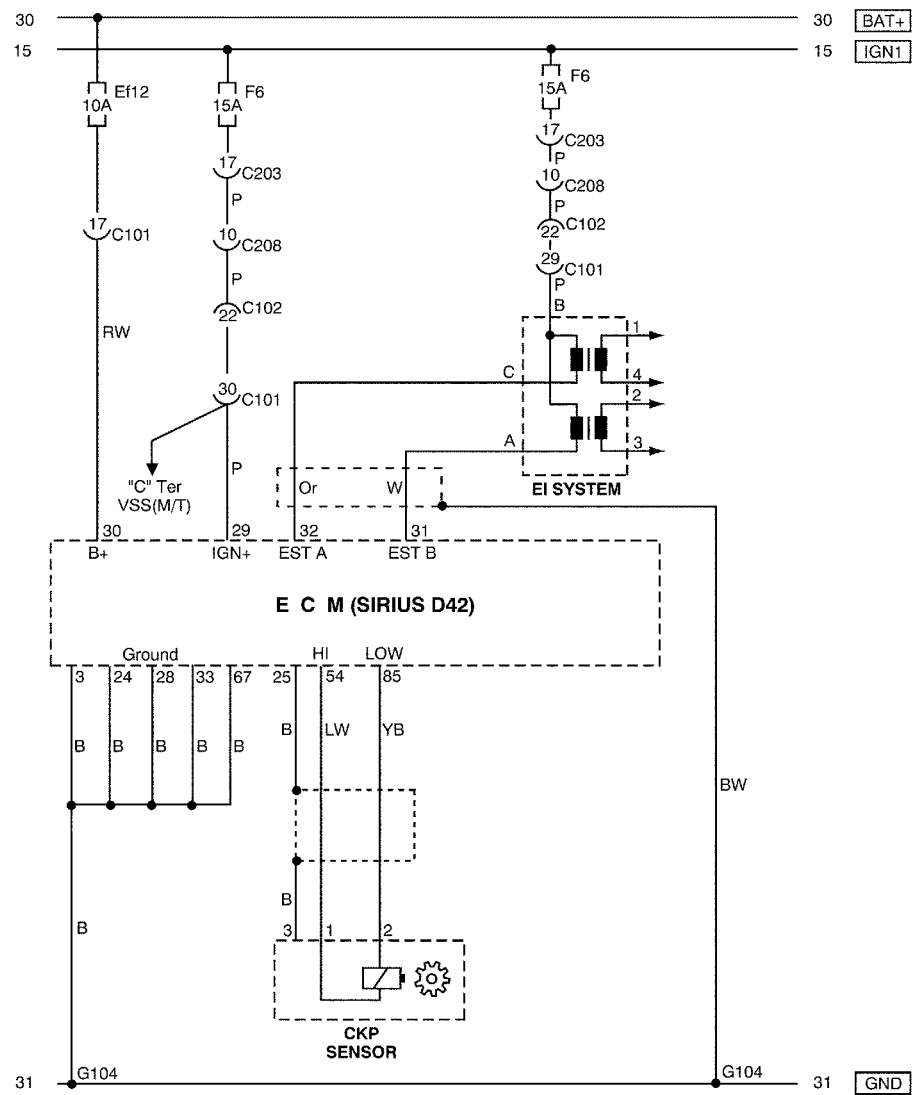


4. ECM (ENGINE CONTROL MODULE) : SIRIUS D42

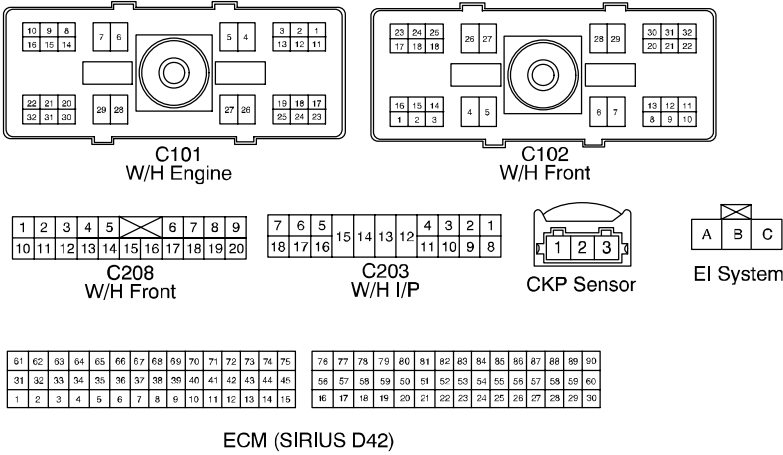
1) BATTERY POWER SUPPLY, GROUND, EI SYSTEM & CKP SENSOR CIRCUIT



a. CONNECTOR INFORMATION

CONNECTOR(No.) (PIN NO. COLOR)	CONNECTING, WIRING HARNESS	CONNECTOR POSITION
C101 (32 Pin, Black)	Engine – Engine Fuse Block	Engine Fuse Block
C102 (32 Pin, Gray)	Front – Engine Fuse Block	Engine Fuse Block
C203 (18 Pin, White)	I.P – I.P Fuse Block	I.P Fuse Block
C208 (20 Pin, Yellow)	Front – I.P	Front TCM
G104	Battery	Next to Start Motor

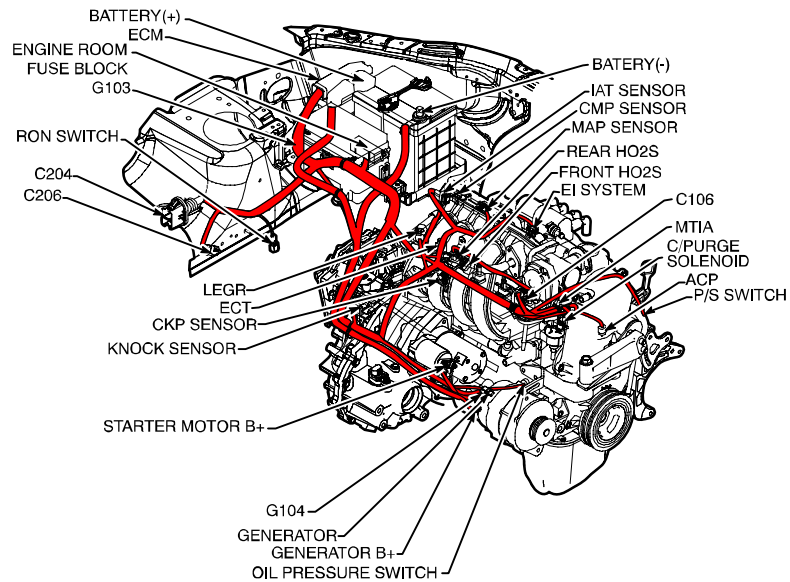
b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



S6B1P015

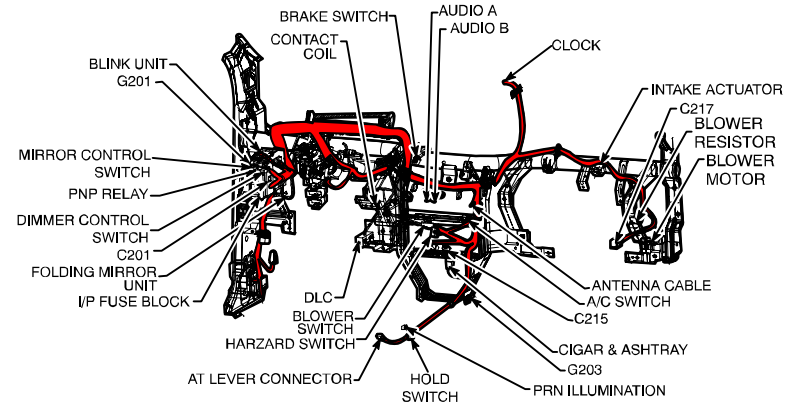
c. POSITION OF CONNECTORS AND GROUNDS

- W/H ENGINE



S6B12002

- W/H I/P



S6B12001



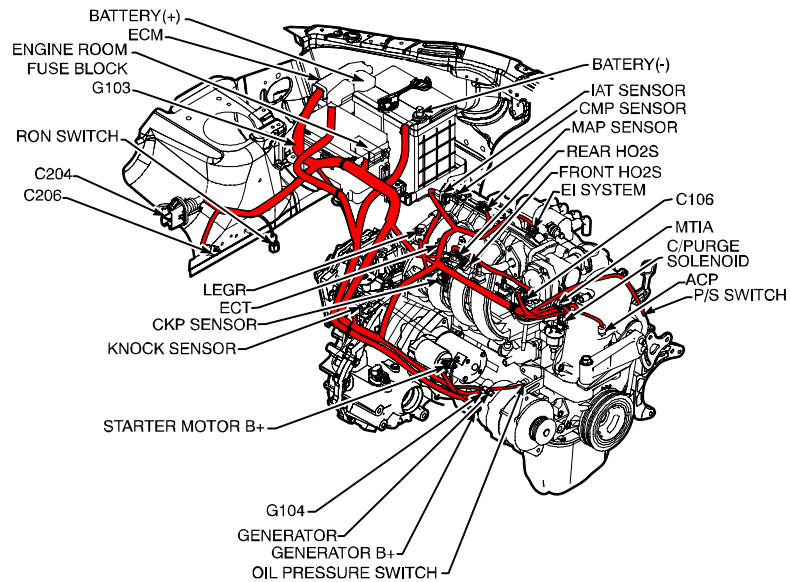
CONNECTOR(No.) (PIN NO. COLOR)	CONNECTING, WIRING HARNESS	CONNECTOR POSITION
C101 (32 Pin, Black)	Engine – Engine Fuse Block	Engine Fuse Block
C102 (32 Pin, Gray)	Front – Engine Fuse Block	Engine Fuse Block
C203 (18 Pin, White)	I.P – I.P Fuse Block	I.P Fuse Block
C208 (20 Pin, Yellow)	Front – I.P	Front TCM
C211 (15 Pin, Yellow)	Front – Floor	Under Left A Pillar
G104	Battery	Next to Start Motor

The diagram illustrates the layout of the engine compartment and related components. The components are labeled as follows:

- C101 W/H Engine**: A large rectangular component with a central circular opening, located on the left side of the engine compartment.
- C102 W/H Front**: A large rectangular component with a central circular opening, located on the right side of the engine compartment.
- C203 W/H I/P**: A rectangular component located below the C101 W/H Engine.
- C208 W/H Front**: A rectangular component located below the C102 W/H Front.
- C211 W/H Front**: A rectangular component located to the right of the C102 W/H Front.
- Front HO2S**: A small rectangular component located below the C208 W/H Front.
- Rear HO2S**: A small rectangular component located below the C211 W/H Front.
- ECM (SIRIUS D42)**: A rectangular component located below the C203 W/H I/P.
- Fuel Pump**: A small rectangular component located below the ECM.
- Injector**: A small rectangular component located to the right of the Fuel Pump.

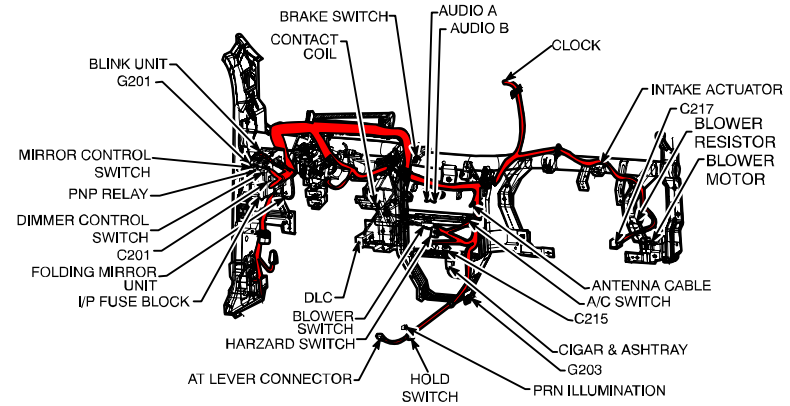
c. POSITION OF CONNECTORS AND GROUNDS

- W/H ENGINE



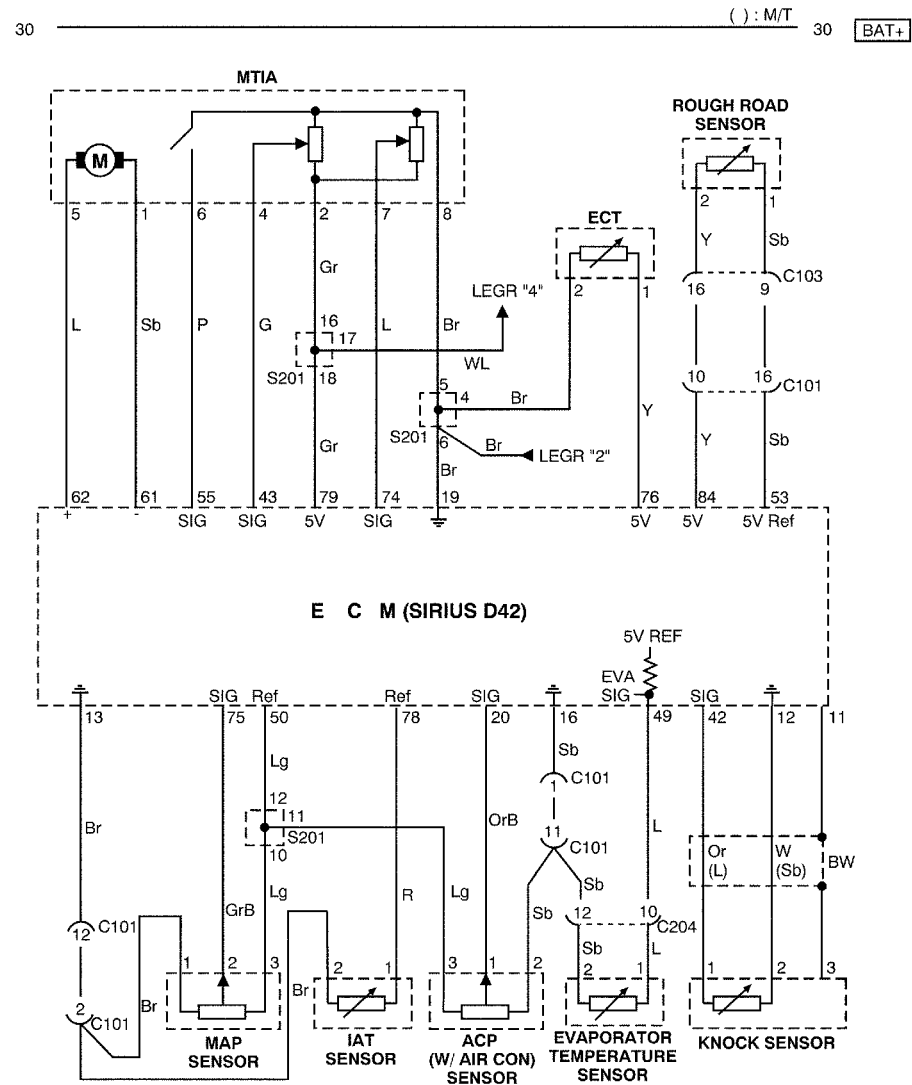
S6B12002

- W/H I/P



S6B12001

3) MITA & SENSOR (ECT, ROUGH ROAD, O2, MAP, IAT, ACP, EVAPORATOR TEMPERATURE & KNOCK) CIRCUIT

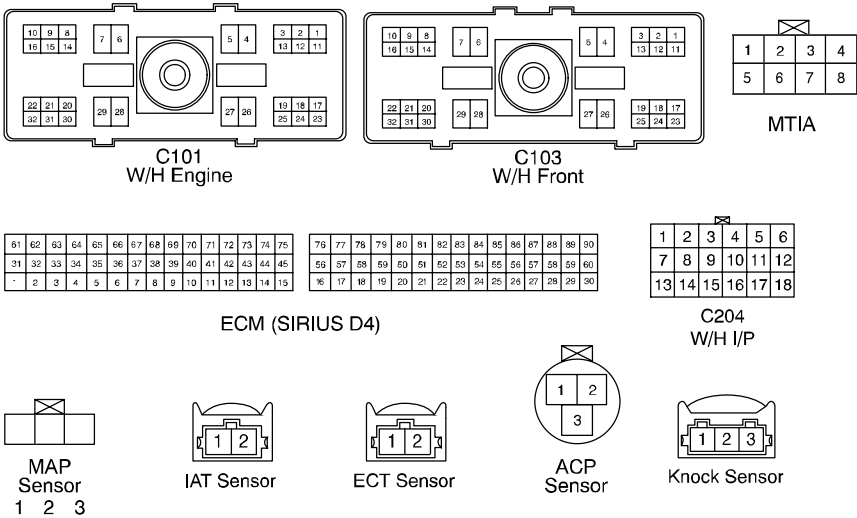


S6B15017

a. CONNECTOR INFORMATION

CONNECTOR(No.) (PIN NO. COLOR)	CONNECTING, WIRING HARNESS	CONNECTOR POSITION
C101 (32 Pin, Black)	Engine – Engine Fuse Block	Engine Fuse Block
C103 (32 Pin, Brown)	Front – Engine Fuse Block	Engine Fuse Block
C204 (18 Pin, Gray)	I.P – Engine	Upper Driver Leg Room
S201	Engine	Behind I.P Fuse Block

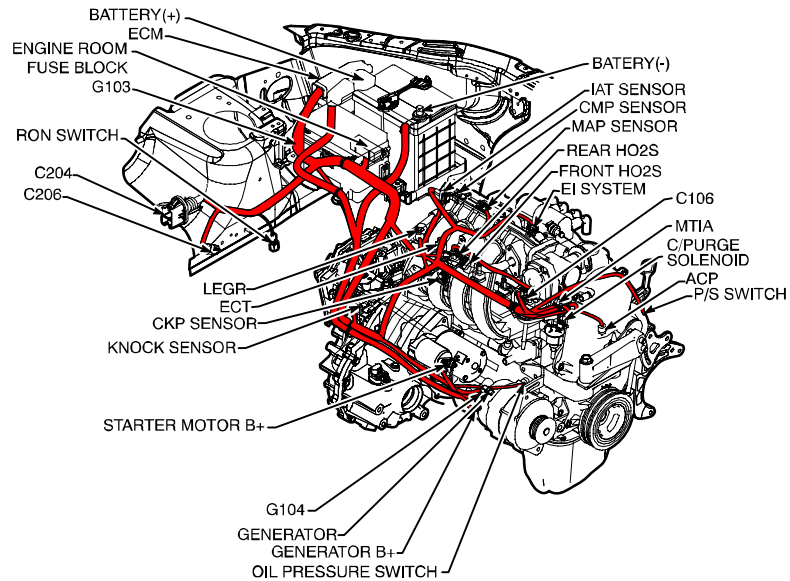
b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



S6B1P017

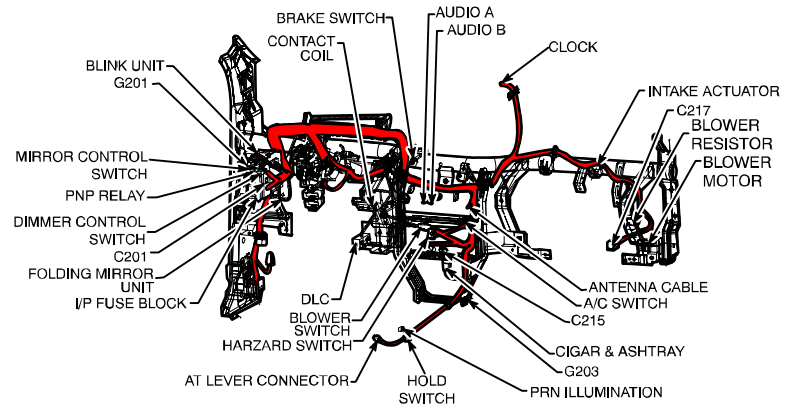
c. POSITION OF CONNECTORS AND GROUNDS

- W/H ENGINE



S6B12002

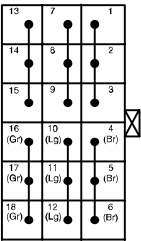
- W/H I/P



S6B12001

d. SPLICE PACK

S201

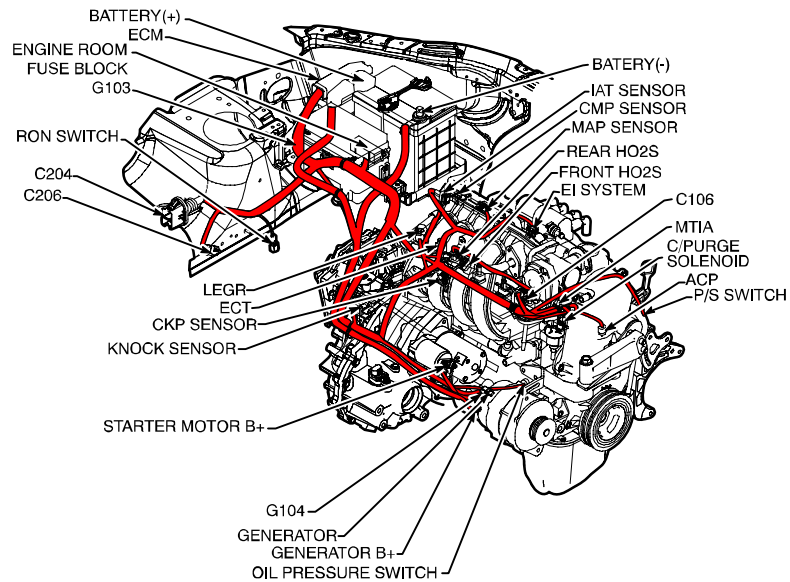


- 1.
- 2.
- 3.
4. ECT "2" Ter
5. MTIA "5" Ter
6. ECM "19" Ter
LEGR "2" Ter
- 7.
- 8.
- 9.
10. MAP SENSOR "3" Ter
11. ACP SENSOT "3" Ter
12. ECM "50" Ter
- 13.
- 14.
- 15.
16. MTIA "2" Ter
17. LEGR "4" Ter
18. ECM "79" Ter

S6B1S002

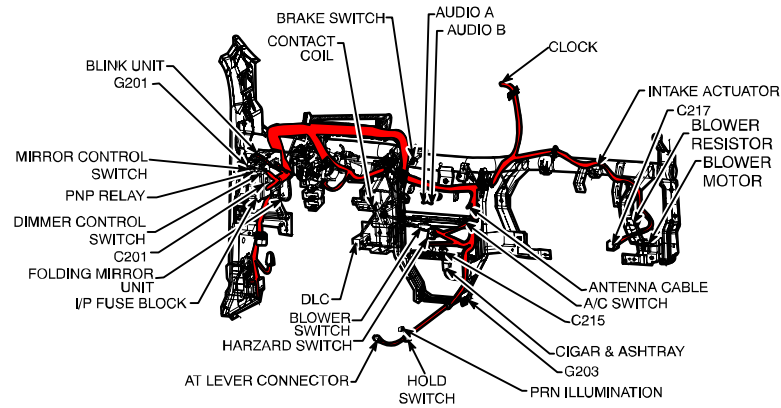
c. POSITION OF CONNECTORS AND GROUNDS

• W/H ENGINE



S6B12002

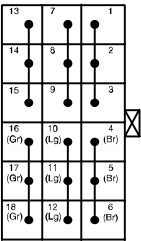
• W/H I/P



S6B12001

d. SPLICE PACK

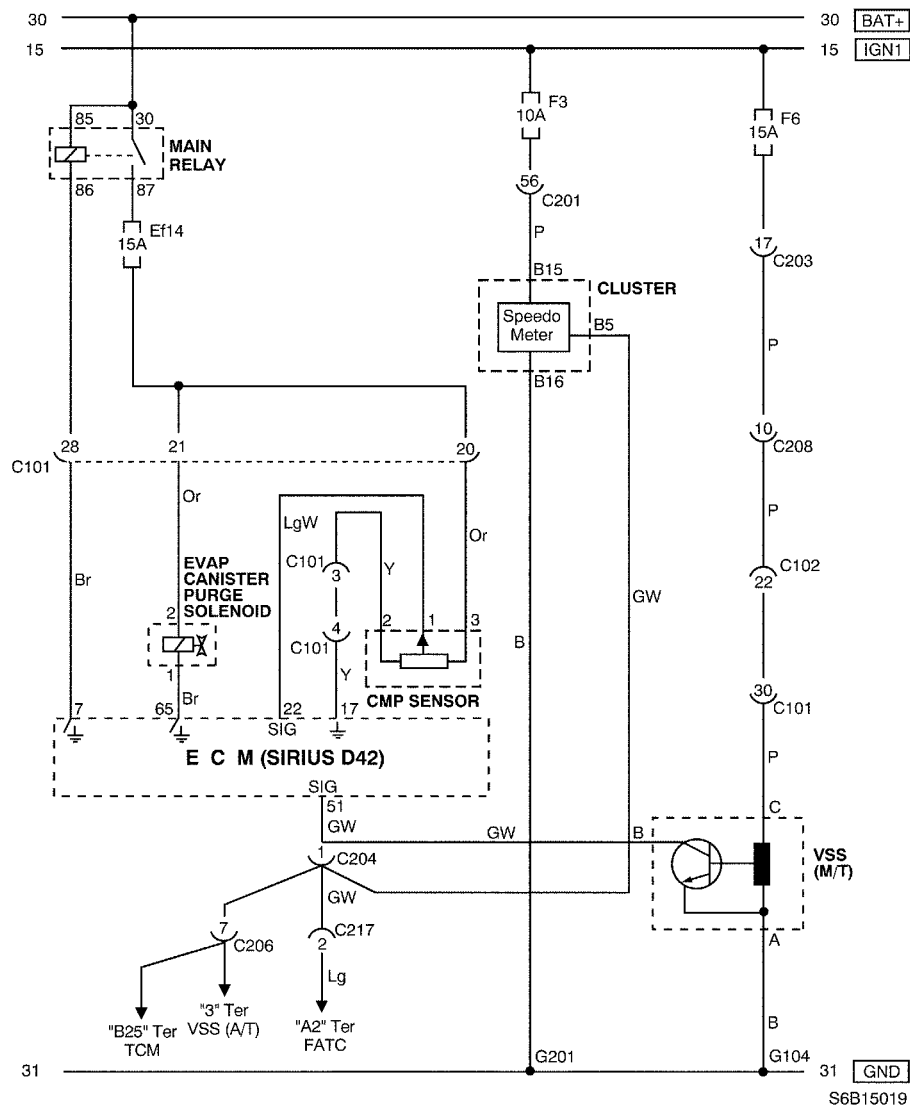
S201



1. ECT "2" Ter
2. MTIA "5" Ter
3. ECM "19" Ter
4. LEGR "2" Ter
5. MAP SENSOR "3" Ter
6. ACP SENSOT "3" Ter
7. ECM "50" Ter
8. MTIA "2" Ter
9. LEGR "4" Ter
10. ECM "79" Ter

S6B1S002

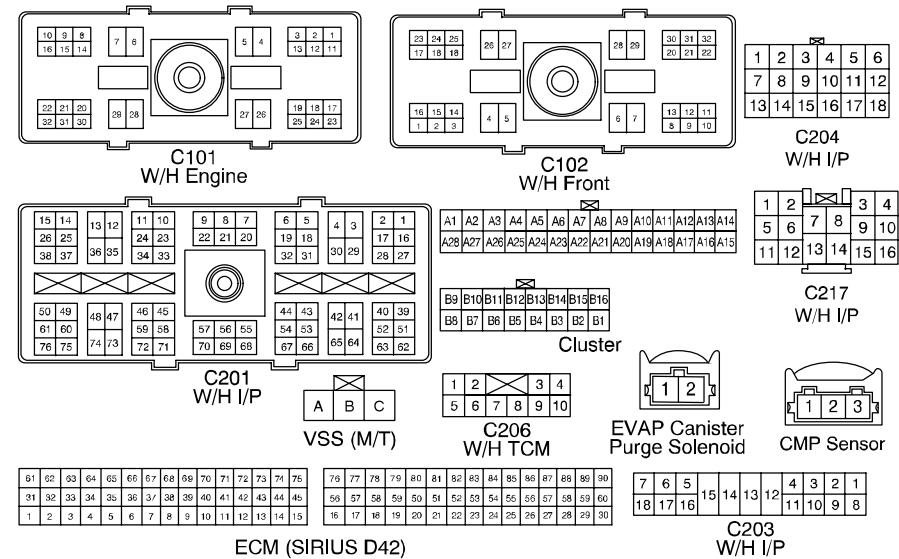
5) CMP SENSOR, EVAP CANISTER PURGE SOLENOID, CLUSTER & VSS CIRCUIT



a. CONNECTOR INFORMATION

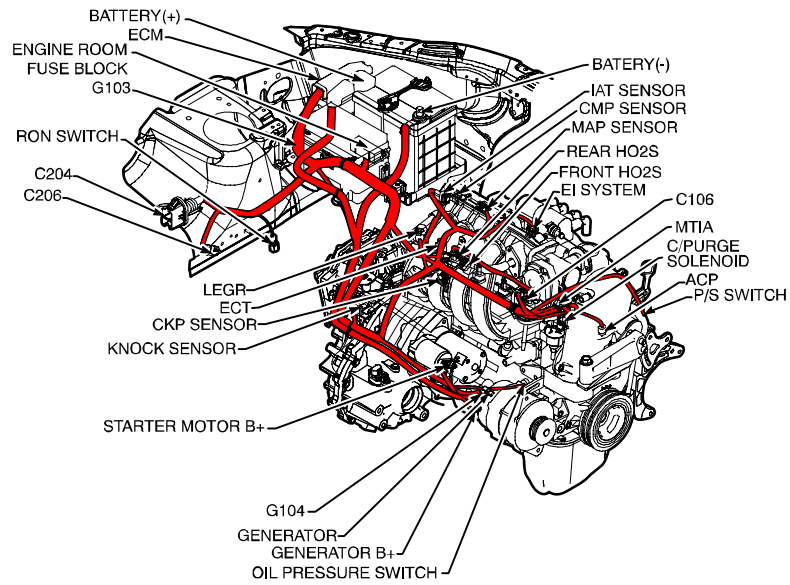
CONNECTOR(No.) (PIN NO. COLOR)	CONNECTING, WIRING HARNESS	CONNECTOR POSITION
C101 (32 Pin, Black)	Engine – Engine Fuse Block	Engine Fuse Block
C102 (32 Pin, Gray)	Front – Engine Fuse Block	Engine Fuse Block
C201 (76 Pin, Black)	I.P – I.P Fuse Block	I.P Fuse Block
C203 (18 Pin, White)	I.P – I.P Fuse Block	I.P Fuse Block
C204 (18 Pin, Gray)	I.P – Engine	Upper Driver Leg Room
C206 (10 Pin, White)	TCM – I.P	Below TCM
C217 (16 Pin, White)	I.P – FATC	Under Blower Motor
G104	Battery	Next to Start Motor
G201	I.P	Upper Mirror Control Switch

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



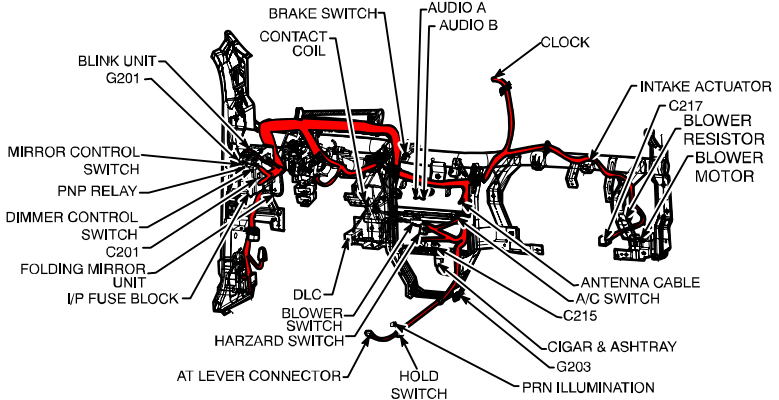
c. POSITION OF CONNECTORS AND GROUNDS

- W/H ENGINE



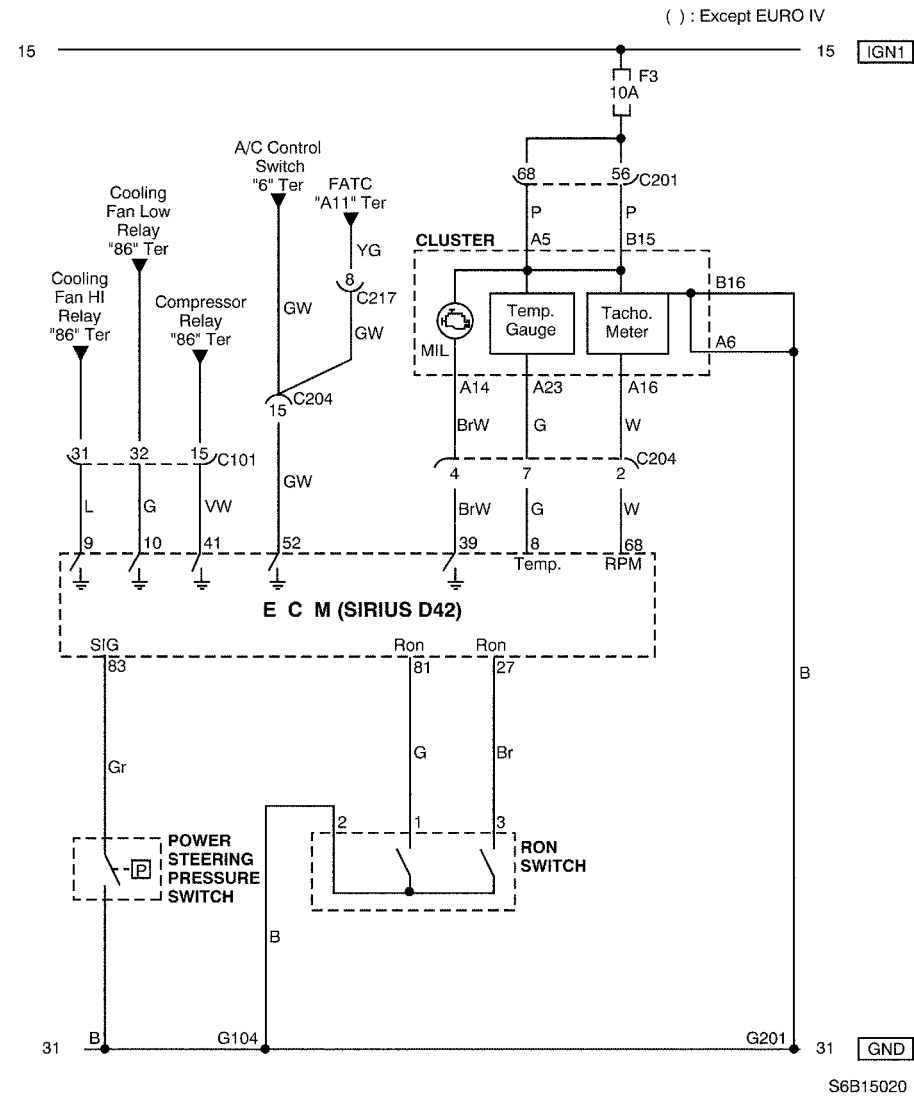
S6B12002

- W/H I/P



S6B12001

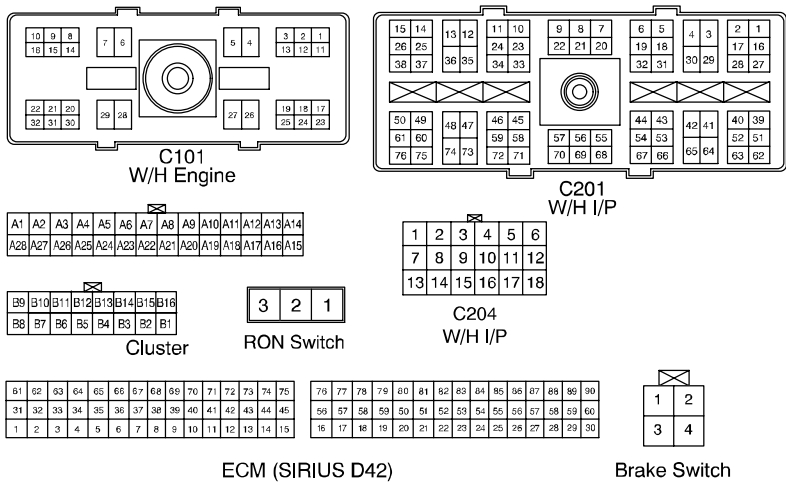
6) CLUSTER, POWER STEERING PRESSURE SWITCH & RON SWITCH CIRCUIT



a. CONNECTOR INFORMATION

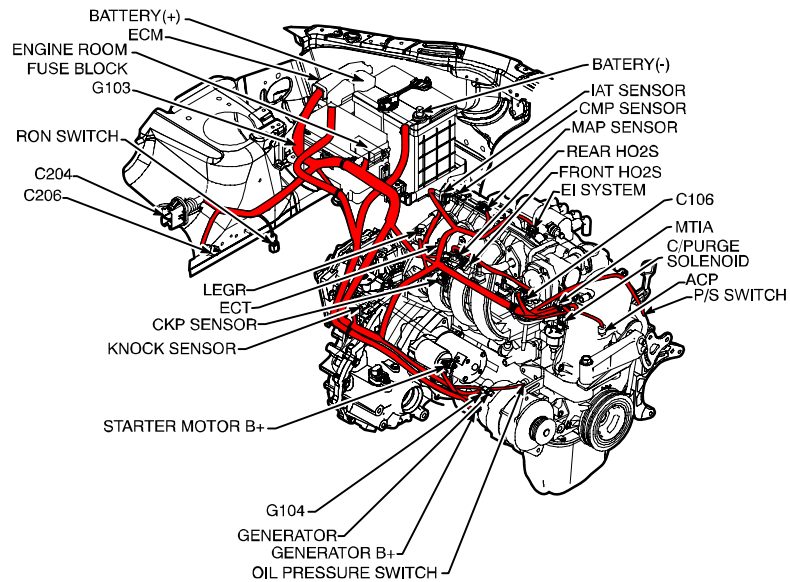
CONNECTOR(No.) (PIN NO. COLOR)	CONNECTING, WIRING HARNESS	CONNECTOR POSITION
C101 (32 Pin, Black)	Engine – Engine Fuse Block	Engine Fuse Block
C201 (76 Pin, Black)	I.P – I.P Fuse Block	I.P Fuse Block
C204 (18 Pin, Gray)	I.P – Engine	Upper Driver Leg Room
G104	Battery	Next to Start Motor

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



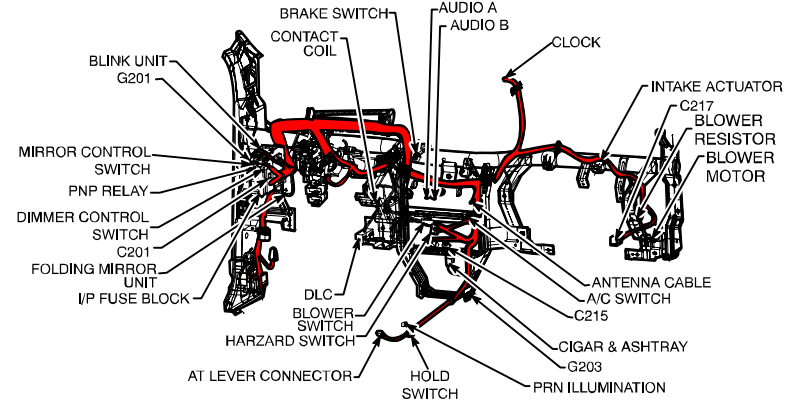
c. POSITION OF CONNECTORS AND GROUNDS

- W/H ENGINE



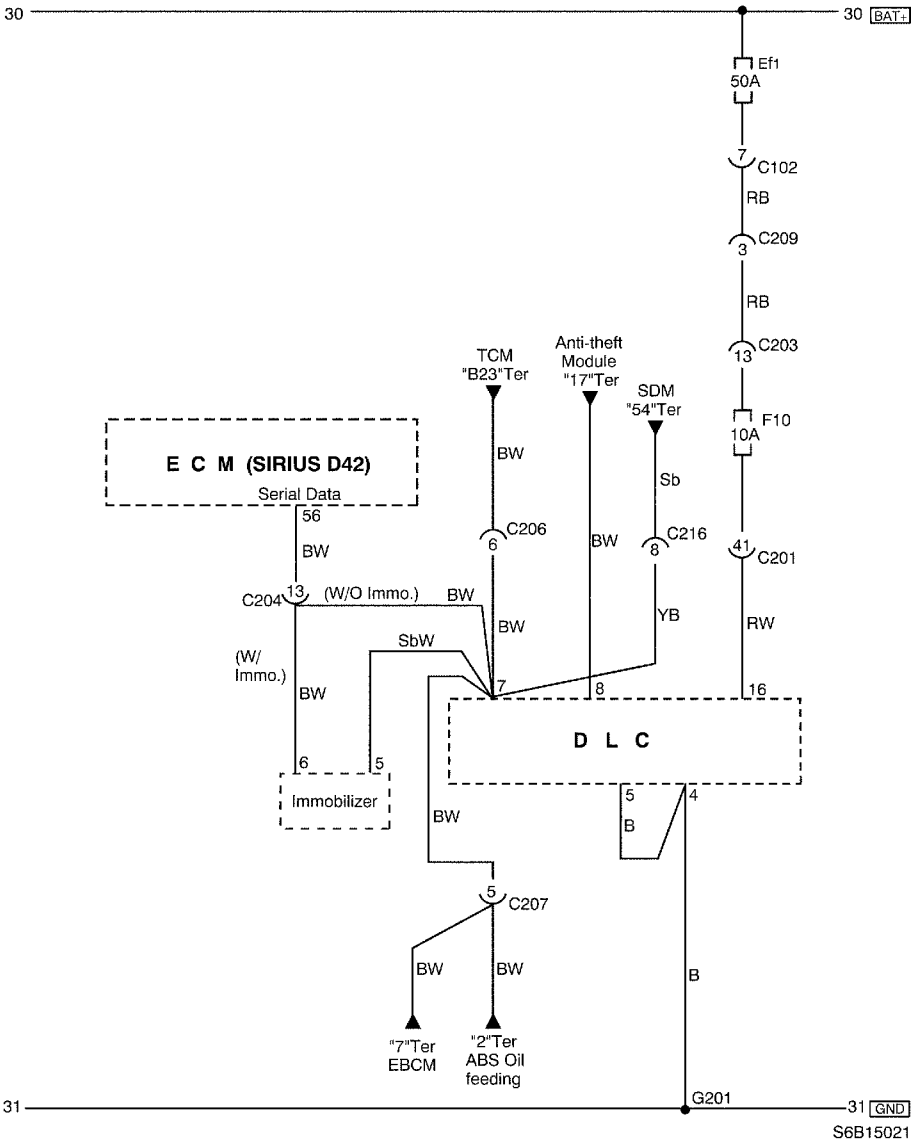
S6B12002

- W/H INSTRUMENT PANEL



S6B12001

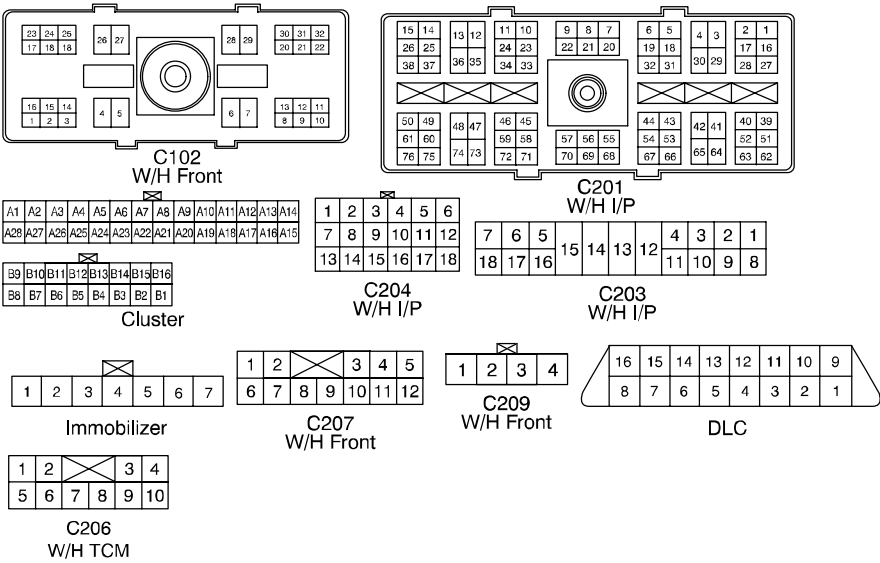
7) DLC, MIL & RON SWITCH CIRCUIT



a. CONNECTOR INFORMATION

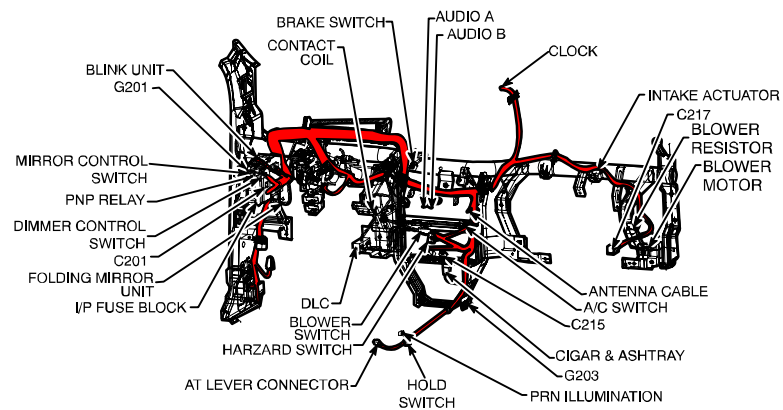
CONNECTOR(No.) (PIN NO. COLOR)	CONNECTING, WIRING HARNESS	CONNECTOR POSITION
C102 (32 Pin, Gray)	Front – Engine Fuse Block	Engine Fuse Block
C201 (76 Pin, Black)	I.P – I.P Fuse Block	I.P Fuse Block
C203 (18 Pin, White)	I.P – I.P Fuse Block	I.P Fuse Block
C204 (18 Pin, Gray)	I.P – Engine	Upper Driver Leg Room
C206 (10 Pin, White)	TCM – I.P	Below TCM
C207 (12 Pin, Gray)	Front – I.P	Below I.P Fuse Block
C209 (4 Pin, White)	Front – I.P	Front TCM
C216 (12 Pin, White)	Air Bag – I.P	Behind Airconditioner
G201	I.P	Upper Mirror Control Switch

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



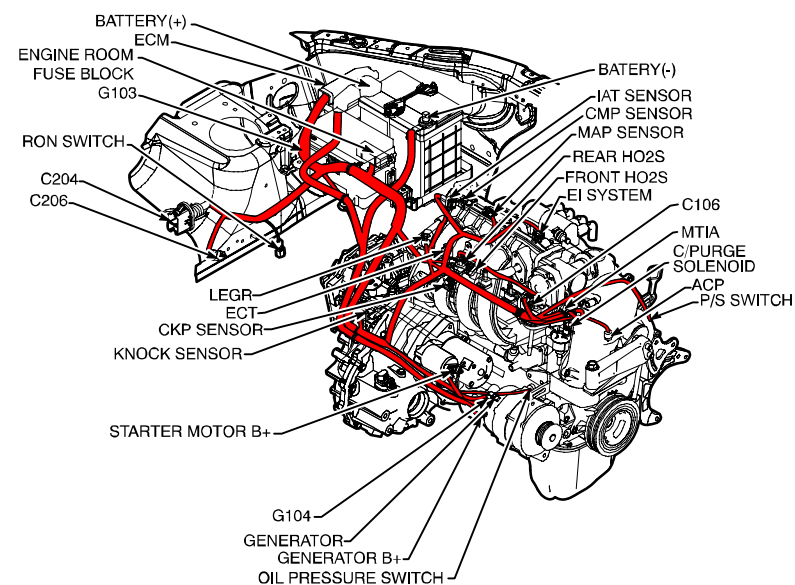
c. POSITION OF CONNECTORS AND GROUNDS

• W/H INSTRUMENT PANEL



S6B12001

• W/H ENGINE



S6B12002