

***Korando***  
**(LHD)**  
**ELECTRICAL WIRING DIAGRAM**

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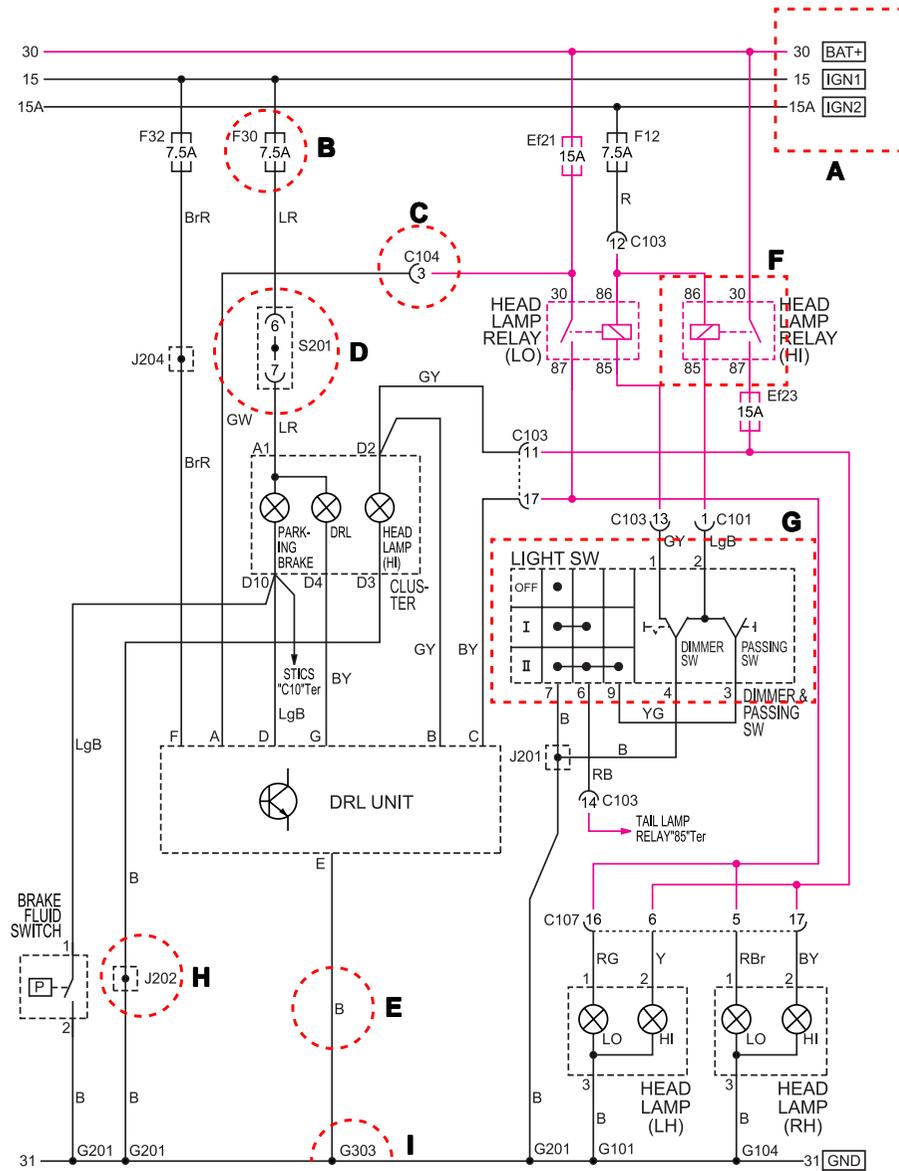
## **SECTION 1**

# **HOW TO USE ELECTRICAL WIRING DIAGRAM**

## **CONTENTS**

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|--|------------|
| <b>1. HOW TO READ ELECTRICAL WIRING DIAGRAM .....</b>    | <b>1-2</b> |
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1. HOW TO READ ELECTRICAL WIRING DIAGRAM



1) CONTENTS OF ELECTRICAL WIRING DIAGRAM (CIRCUIT)

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

## 2. CIRCUIT IDENTIFICATION SYMBOL

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

## 3. FUNCTION OF POWER SUPPLY LINE (NUMBER)

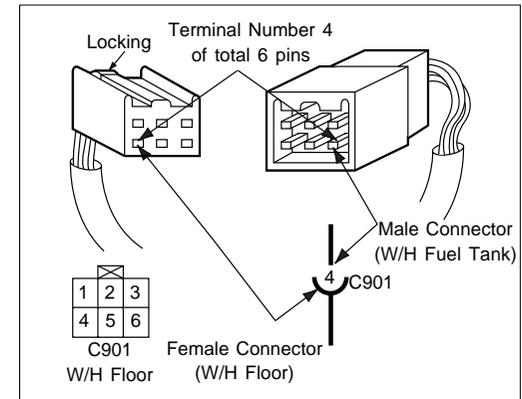
| Power supply No | Power supply condition   |
|-----------------|--|
| <b>15</b>       | Battery Voltage(B+) supply in Ignition Switch "ON" and "ST" (IGN 1)                    |
| <b>15A</b>      | Battery Voltage(B+) supply in Ignition Switch "ON" (IGN 2)                             |
| <b>15C</b>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

## 4. WIRING HARNESS COLOR IDENTIFICATION

| Abbreviation | Color       | Abbreviation | Color    |
|--------------|-------------|--------------|----------|
| <b>Br</b>    | Brown       | <b>Sb</b>    | Sky Blue |
| <b>G</b>     | Green       | <b>R</b>     | Red      |
| <b>V</b>     | Violet      | <b>L</b>     | Blue     |
| <b>P</b>     | Pink        | <b>Y</b>     | Yellow   |
| <b>W</b>     | White       | <b>Gr</b>    | Gray     |
| <b>Or</b>    | Orange      | <b>B</b>     | Black    |
| <b>Lg</b>    | 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



## **SECTION 2**

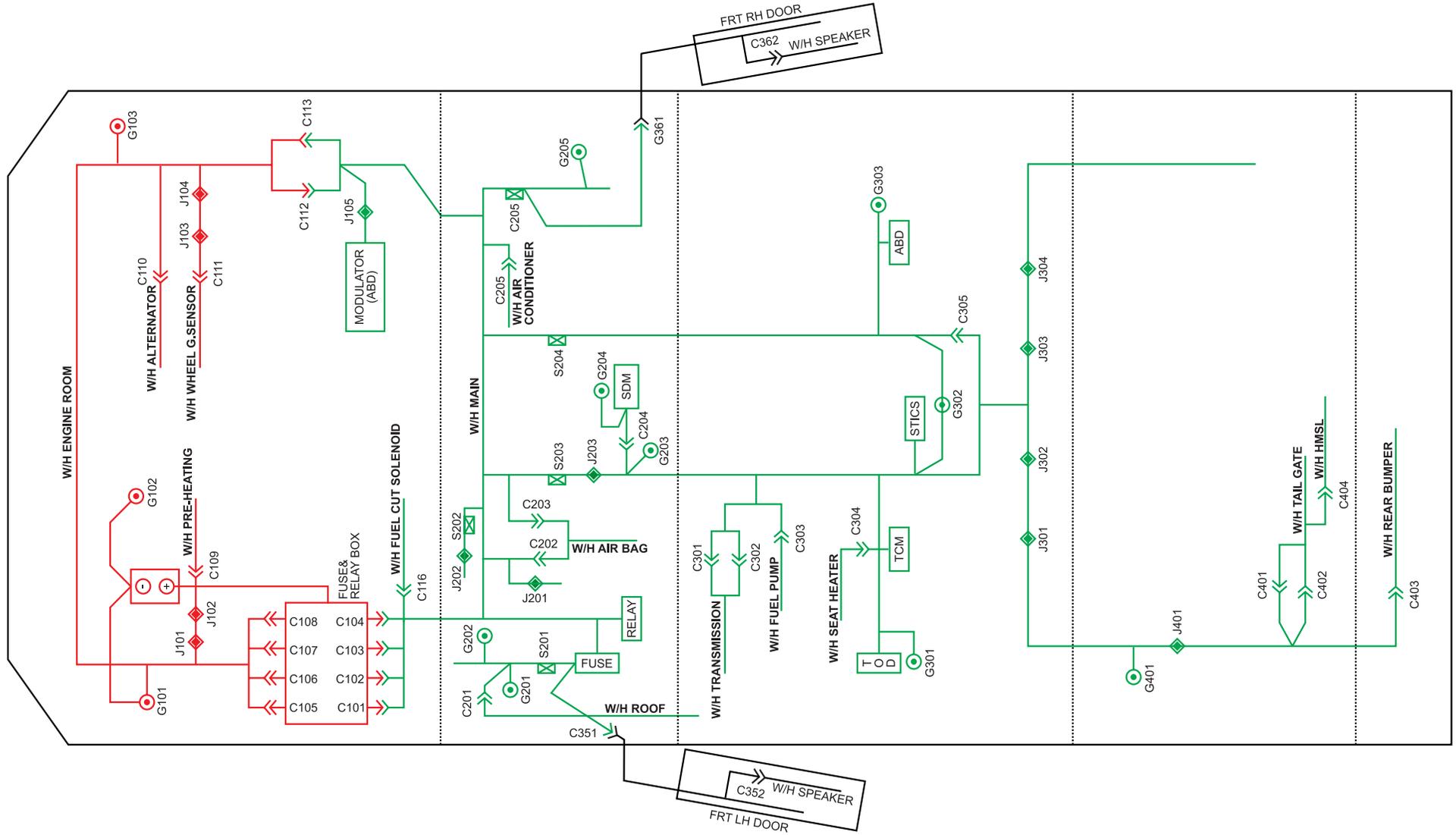
# **POSITION OF CONNECTORS AND GROUNDS**

## **CONTENTS**

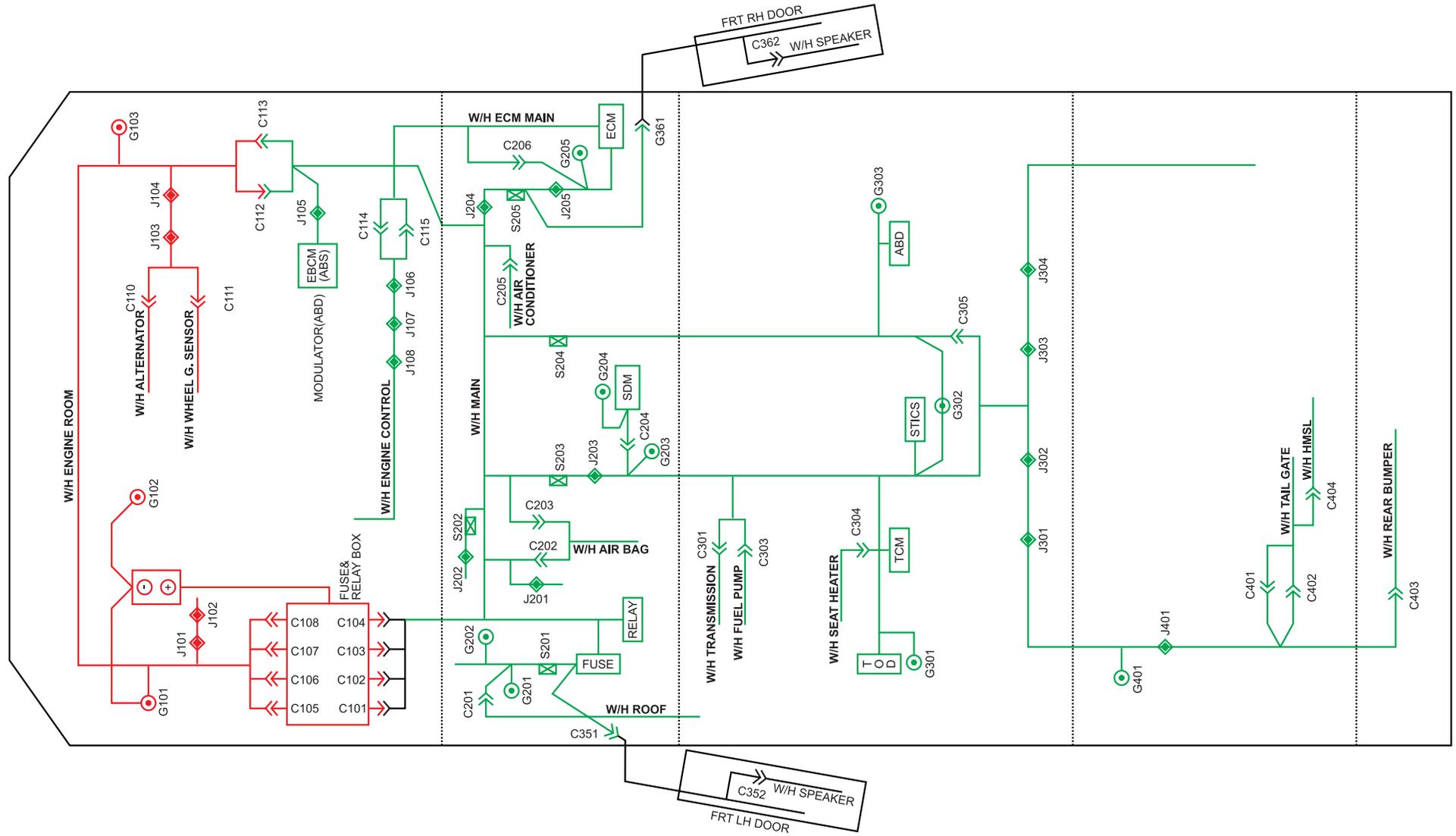
- 1. POSITION OF CONNECTOR, GROUND, SPLICE PACK .....2-2**
- 2. CONNECTOR, GROUND SPLICE PACK & JOINT INFORMATION ..2-4**
- 3. WIRING HARNESS & CONNECTOR & GROUND LOCATION .....2-6**

1. POSITION OF CONNECTOR, GROUND, SPLICE PACK & JOINT

DIESEL VEHICLE



**GASOLINE VEHICLE**



## 2-4 ELECTRICAL WIRING DIAGRAMS

### 2. CONNECTOR, GROUND AND SPLICE PACK INFORMATION

#### 1) CONNECTOR

| Connector Number<br>(Pin Number, Color) | Connecting Wiring Harness              | Connector Position              | Remark        |
|---|--|---------------------------------|---------------|
| C101 (19Pin, White)                     | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box            |               |
| C102 (4Pin, Colorless)                  | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box            |               |
| C103 (22Pin, White)                     | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box            |               |
| C104 (8Pin, Colorless)                  | Engine Room FuseBox - W/H Main         | Engine Room Fuse Box            |               |
| C105 (10Pin, White)                     | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box            |               |
| C106 (3Pin, Black)                      | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box            |               |
| C107 (20Pin, White)                     | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box            |               |
| C108 (6Pin, Colorless)                  | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box            |               |
| C109 (1Pin, Black)                      | W/H Engine Room - W/H Pre - Heating    | Bhind Battery                   | Diesel only   |
| C110 (2Pin, Black)                      | W/H Engine Room - W/H Alternator       | Below Air Cleaner               | Gasoline      |
| C110 (4Pin, Black)                      | W/H Engine Room - W/H Alternator       | Below Air Cleaner               | Diesel        |
| C111 (3Pin, Black)                      | W/H Engine Room - W/H Wheel G. sensor  | Upper Front Right Control Arm   |               |
| C112 (6Pin, Black)                      | W/H Engine Room - W/H Main             | Next to Hydraulic Unit          |               |
| C113 (12Pin, Black)                     | W/H Engine Room - W/H Main             | Next to Hydraulic Unit          |               |
| C114 (6Pin, Gray)                       | W/H Engine Control - W/H ECM Main      | Behind Hydraulic Unit           | Gasoline      |
| C115 (40Pin, Black)                     | W/H Engine Control - W/H ECM Main      | Behind Hydraulic Unit           | Gasoline      |
| C116 (3Pin, Black)                      | W/H Main - W/H Fuel Cut Solenoid       | Next to Engine Room Fuse Box    | Diesel        |
| C201 (8Pin, White)                      | W/H Main - W/H Roof                    | Inside Left Cluster             |               |
| C202 (4Pin, White)                      | W/H Main - W/H Air Bag                 | Above FRT LH Seat Under Cover   |               |
| C203 (2Pin, Black)                      | W/H Main - W/H Air Bag                 | Above FRT LH Seat Under Cover   |               |
| C204 (4Pin, Colorless)                  | W/H Main - W/H SDM                     | Lower Rear Center Facia         |               |
| C205 (17Pin, White)                     | W/H Main - W/H Air Conditioner         | Upper Evaporator                |               |
| C206 (6Pin, Black)                      | W/H Main - W/H ECM Main                | Lower "A" Piller(Upper ECM)     | Gasoline      |
| C301 (2Pin, Black)                      | W/H Main - W/H Transmission            | Upper Transfer Case             | Manual T/M    |
| C301 (16Pin, Black)                     | W/H Main - W/H Transmission            | Upper Transfer Case             | Automatic T/M |
| C302 (10Pin, Black)                     | W/H Main - W/H Transmission            | Upper Transfer Case             | Diesel        |
| C303 (3Pin, Black)                      | W/H Main - W/H Fuel Pump               | Upper Transfer Case             | Diesel        |
| C303 (4Pin, Black)                      | W/H Main - W/H Fuel Pump               | Upper Transfer Case             | Gasoline      |
| C303 (6Pin, Black)                      | W/H Main - W/H Fuel Pump               | Upper Transfer Case             | GSL:EUROIII   |
| C304 (10Pin, White)                     | W/H Main - W/H Seat Heater             | Below FRT LH Seat               |               |
| C305 (14Pin, White)                     | W/H Main - W/H Main                    | Below Center Console            |               |
| C351 (22Pin, White)                     | W/H Main - W/H FRT LH Door             | Upper Fuse Box (Passenger Room) |               |
| C352 (2Pin, Black)                      | W/H FRT LH Door - W/H Speaker          | Inside FRT LH Door Trim         |               |
| C361 (22Pin, Blue)                      | W/H Main - W/H FRT RH Door             | Behind Front Right Panel        |               |
| C362 (2Pin, Black)                      | W/H FRT RH Door - W/H Speaker          | Inside FRT RH Door Trim         |               |

| Connector Number<br>(Pin Number, Color) | Connecting Wiring Harness  | Connector Position    | Remark |
|---|----------------------------|-----------------------|--------|
| C401 (2Pin, Black)                      | W/H Tail Gate - W/H Main   | Behind Left Tail Lamp |        |
| C402 (12Pin, Black)                     | W/H Tail Gate - W/H Main   | Behind Left Tail Lamp |        |
| C403 (3Pin, Black)                      | W/H Rear Bumper - W/H Main | Inside Rear Bumper    |        |
| C404 (2Pin, Black)                      | W/H Tail Gate - W/H HMSL   | Inside Tail Gate      |        |

#### 2) SPLICE PACK

| Splice Pack Number | Pin Number | Color     | Wiring Harness | Splice Pack Position           |
|--------------------|------------|-----------|----------------|--------------------------------|
| S201               | 8          | Colorless | W/H Main       | Upper Fuse Box(Passenger Room) |
| S202               | 20         | Black     | W/H Main       | Behind Cluster                 |
| S203               | 14         | Colorless | W/H Main       | Behind 4WD Switch              |
| S204               | 14         | Colorless | W/H Main       | Behind Audio                   |
| S205               | 8          | Colorless | W/H Main       | Behind Front Right Kick Panel  |

#### 3) GROUND

| Number Ground | Wiring Harness  | Ground Position                    |
|---------------|-----------------|------------------------------------|
| G101          | W/H Engine Room | Left Fender Next to Battery        |
| G102          | Battery         | Center Engine Block                |
| G103          | W/H Engine Room | Right Fender Engine Room           |
| G201          | W/H Main        | Upper Front Left Leg Room          |
| G202          | W/H Main        | Upper Front Left Leg Room          |
| G203          | W/H Main        | Left Upper Center Facia            |
| G204          | W/H Main        | Left Lower Center Facia            |
| G205          | W/H Main        | Center "A" Pillar Front Right      |
| G301          | W/H Main        | Below Front Left seat              |
| G302          | W/H Main        | Below Center Console               |
| G303          | W/H Main        | Below Front Right seat             |
| G401          | W/H Main        | Inside Lower Trim Rear Left Quater |

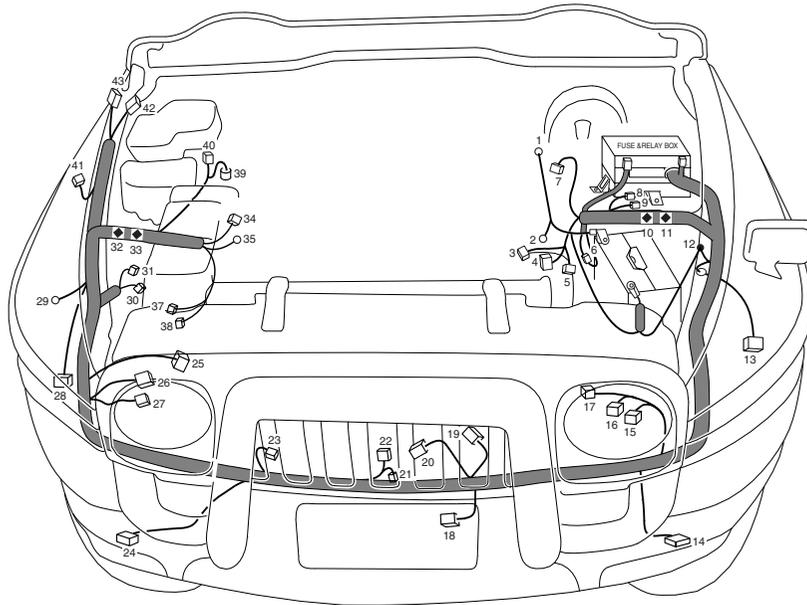
## 4) JOINT

| Joint Number | Wiring Harness     | Joint Position                        | Remark   |
|--------------|--------------------|---------------------------------------|----------|
| J101         | W/H Engine Room    | Behind Battery                        |          |
| J102         | W/H Engine Room    | Behind Battery                        |          |
| J103         | W/H Engine Room    | Below Air Cleaner                     |          |
| J104         | W/H Engine Room    | Below Air Cleaner                     |          |
| J105         | W/H Main           | Next to Hydraulic Unit                | Gasoline |
| J106         | W/H Engine Control | Behind Hydraulic Unit                 | Gasoline |
| J107         | W/H Engine Control | Next to Yellow Label                  | Gasoline |
| J108         | W/H Engine Control | Upper Injector #4 (4CYL) or #6 (6CYL) | Gasoline |
| J201         | W/H Main           | Above FRT LH Seat Under Cover         |          |
| J202         | W/H Main           | Behind Cluster                        |          |
| J203         | W/H Main           | Next to BTSI Unit                     |          |
| J204         | W/H Main           | Upper Blower Unit                     | Gasoline |
| J205         | W/H Main           | Behind Front Right Kick Panel         | Gasoline |
| J301         | W/H Main           | Below Rear Left Seat                  |          |
| J302         | W/H Main           | Below Rear Left Seat                  |          |
| J303         | W/H Main           | Below Rear Right Seat                 |          |
| J304         | W/H Main           | Below Rear Right Seat                 |          |
| J401         | W/H Main           | Below Luggage Lamp                    |          |

\*CYL : Cylinder

### 3. WIRING HARNESS & CONNECTOR & GROUND LOCATION

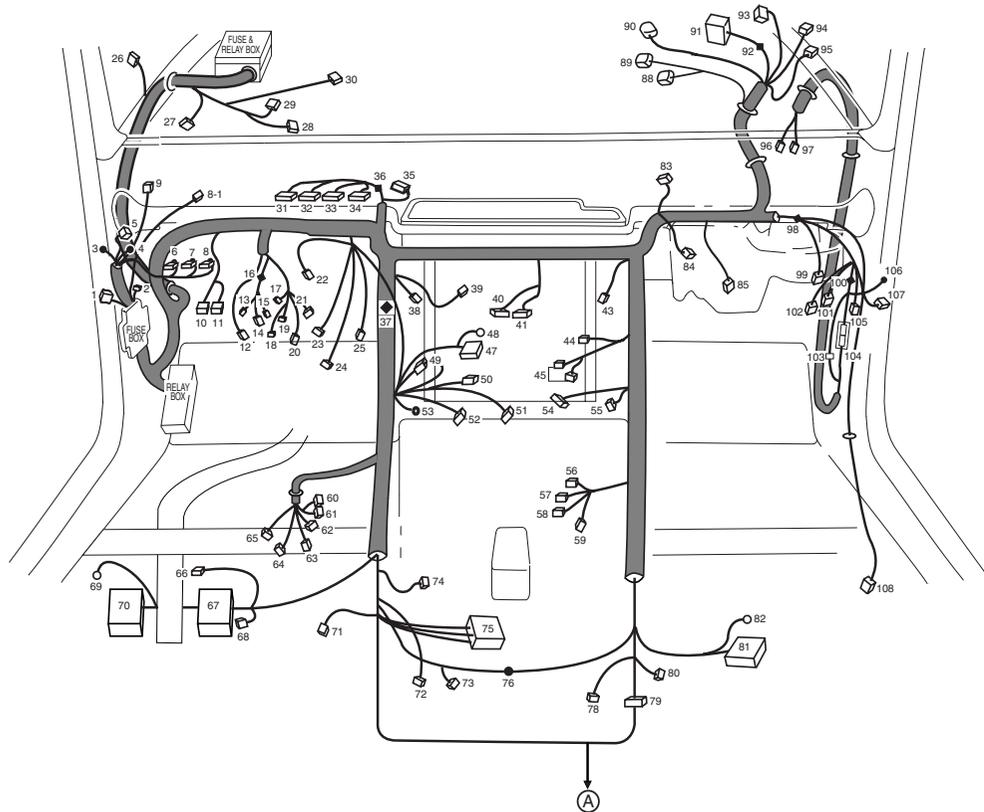
#### 1) W/H ENGINE ROOM



1. Starting motor
2. G102
3. -
4. Compressor
5. Wheel speed sensor(FRT LH)
6. Starting motor "ST" terminal connector
7. Canister purge valve (Gasoline E/G)
8. Pre-heating time control unit (Diesel E/G)
9. C109 (Diesel E/G)
10. J102
11. J101
12. G101
13. Turn signal & position lamp(FRT LH)
14. Fog lamp(FRT LH)
15. Head lamp(FRT LH)
16. HLLD (FRT LH)
17. Hood switch
18. Thermo switch (Diesel E/G)
19. LH horn
20. Condenser fan motor-Non A/conditioner
21. Condenser fan motor(LH)
22. Resistor
23. RH horn
24. Fog lamp(FRT RH)
25. Condenser fan motor(RH)
26. Head lamp(FRT RH)
27. HLLD (FRT RH)
28. Turn signal & position lamp(FRT RH)
29. G103
30. C110 (Diesel E/G)
31. Alternator B+ (Diesel E/G)
32. J104
33. J103
34. C110 (Gasoline E/G)
35. Alternator B+ (Gasoline E/G)
36. -
37. C111
38. Wheel speed sensor(FRT RH)
39. Dual pressure switch
40. Washer motor
41. ADD (FRT RH)
42. C112
43. C113

## 2) W/H MAIN

## • W/H MAIN



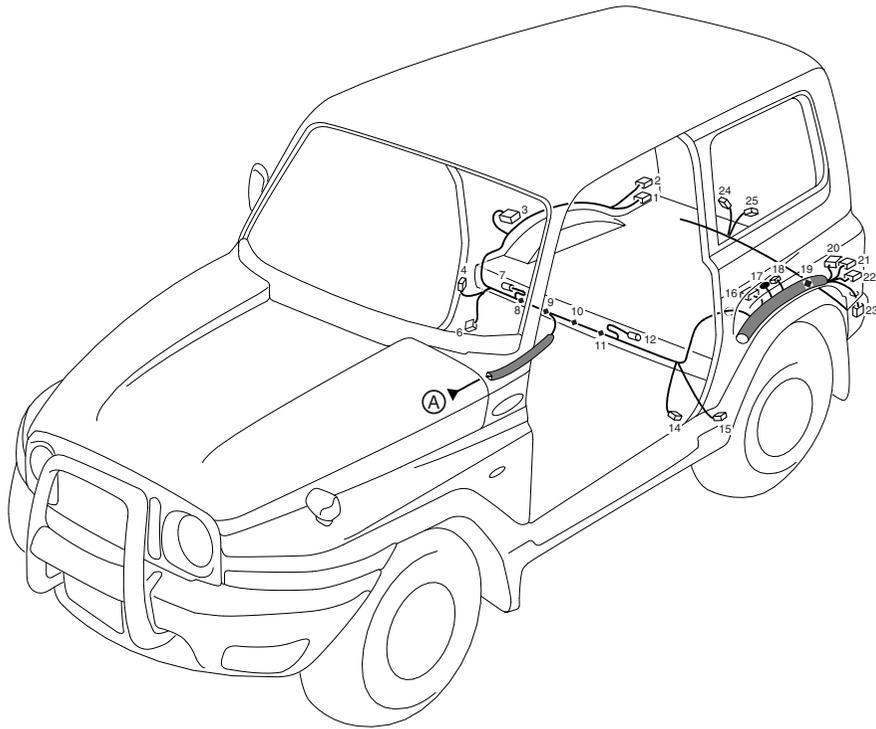
- |                               |  |
|-------------------------------|--|
| 1. C351                       | 9. C201                                      |
| 2. S201                       | 10. Clutch switch "A"                        |
| 3. G201                       | 11. Clutch switch "B" (Gasoline E/G)         |
| 4. G202                       | 12. Stop lamp switch                         |
| 5. Auto down unit             | 13. Dimmer & passing switch                  |
| 6. HLLD switch                | 14. Turn signal, FRT fog lamp & Light switch |
| 7. OSRV switch                | 15. Wiper switch                             |
| 8. Rear wiper & washer switch | 16. J201                                     |
| 8-1. DLC                      | 17. C202                                     |

- |                                 |  |
|---------------------------------|--|
| 18. Immobilizer antenna         | 66. C304                                 |
| 19. Ignition switch             | 67. TCM                                  |
| 20. Cruise control switch       | 68. TOD Resistor (Gasoline E/G)          |
| 21. Key reminder switch         | 69. G301                                 |
| 22. C203                        | 70. TOD or TCCU                          |
| 23. Acceleration pedal sensor   | 71. FRT LH seat belt sw                  |
| 24. Kick down switch            | 72. Parking brake sw                     |
| 25. REKES                       | 73. W/D Burglar connector                |
| 26. ADD' (LH)                   | 74. Seat heater switch                   |
| 27. Diagnosis connector         | 75. STICS                                |
| 28. Brake fluid switch          | 76. G303                                 |
| 29. Locking hud solenoid (TCCU) | 77. -                                    |
| 30. C116                        | 78. OVPR (Gasoline E/G)                  |
| 31. Cluster "D"                 | 79. C305                                 |
| 32. Cluster "C"                 | 80. Seat belt sw (FRT RH)                |
| 33. Cluster "B"                 | 81. EBCM (ADD)                           |
| 34. Cluster "A"                 | 82. G303                                 |
| 35. J202                        | 83. C205                                 |
| 36. J202                        | 84. Thermo amp                           |
| 37. J203                        | 85. Passenger inflator                   |
| 38. S203                        | 86. -                                    |
| 39. 4WD switch                  | 87. -                                    |
| 40. Hazard switch               | 88. Front wiper motor                    |
| 41. Defroster switch            | 89. Siren                                |
| 42. -                           | 90. O2 sensor 1 / (Gasoline E/G)         |
| 43. Antenna feeder cable        | 91. EBCM (ABS) & Modulator (ABD)         |
| 44. S204                        | 92. J105                                 |
| 45. Audio                       | 93. C113                                 |
| 46. -                           | 94. C112                                 |
| 47. SDM                         | 95. EGR solenoid (Diesel E/G)            |
| 48. G204                        | 96. C114 (Gasoline E/G)                  |
| 49. C204                        | 97. C115 (Gasoline E/G)                  |
| 50. Chime Bell                  | 98. J204 (Gasoline E/G)                  |
| 51. Buzzer                      | 99. S205                                 |
| 52. Acceleration sensor         | 100. J205 (Gasoline E/G)                 |
| 53. G203                        | 101. Antenna feeder cable                |
| 54. Cigar lighter               | 102. Auto antenna                        |
| 55. Central door lock relay     | 103. C206                                |
| 56. BTSI solenoid               | 104. ECM (GSL) or Immobilizer unit (DSL) |
| 57. A/Tsocket                   | 105. EGR control unit (Diesel E/G)       |
| 58. BTSI "P" position sw        | 106. G205                                |
| 59. Mode switch                 | 107. C361                                |
| 60. Shift motor                 | 108. O2 sensor 2 (Gasoline E/G)          |
| 61. Speed sensor & clutch coil  |  |
| 62. VSS                         |  |
| 63. C301                        |  |
| 64. C302                        |  |
| 65. C303                        |  |

## 2-8 ELECTRICAL WIRING DIAGRAMS

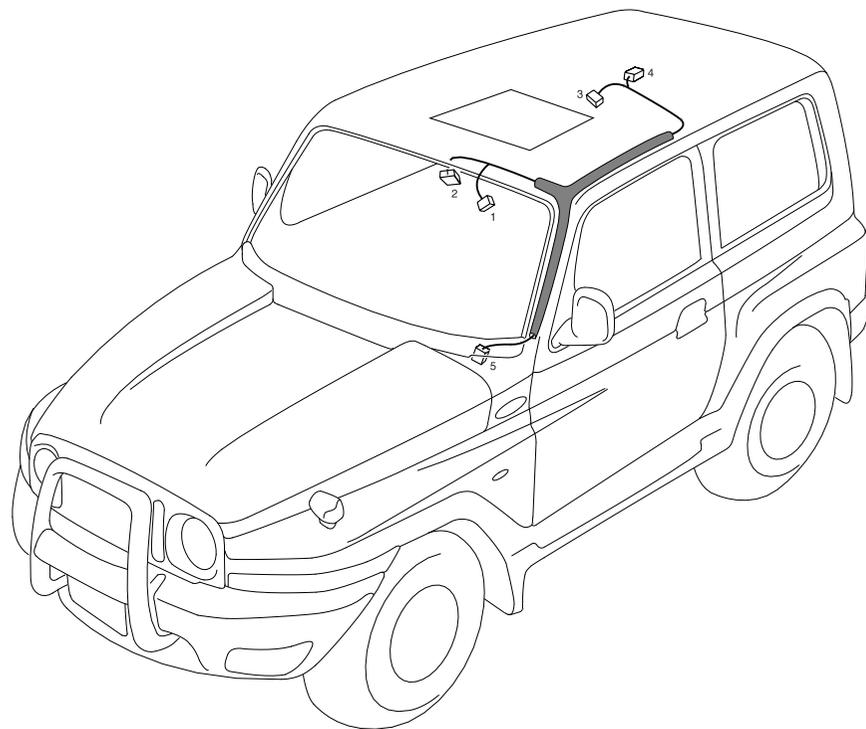
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- W/H MAIN (FLOOR)



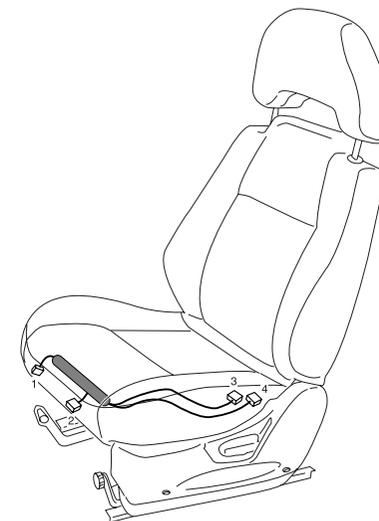
1. Rear combination lamp (RH)
2. Tail gate contact sw
3. Rear speaker (RH)
4. Door contact sw (FRT RH)
5. -
6. Passenger pretensioner
7. Wheel speed sensor (RR RH)
8. J304
9. J303
10. J302
11. J301
12. Wheel speed sensor (RR RH)
13. -
14. Driver tension reducer
15. Door contact sw (FRT LH)
16. Rear speaker (LH)
17. G401
18. Luggage lamp
19. J401
20. C401
21. C402
22. Rear combination lamp (LH)
23. C403
24. License lamp (RH)
25. License lamp (LH)

## 3) W/H ROOF



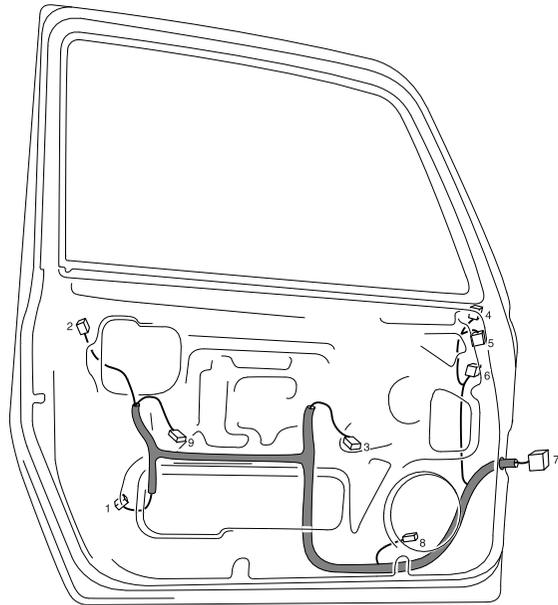
1. Inside rear view mirror
2. Room lamp
3. Not used
4. Map lamp
5. C201

## 4) W/H SEAT HEATER



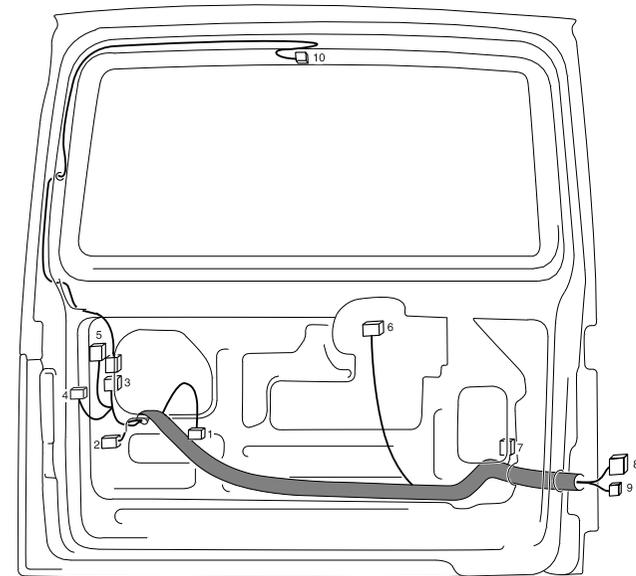
1. C304
2. Seat heater control unit
3. Seat heater
4. Back seat heater

5) W/H DOOR



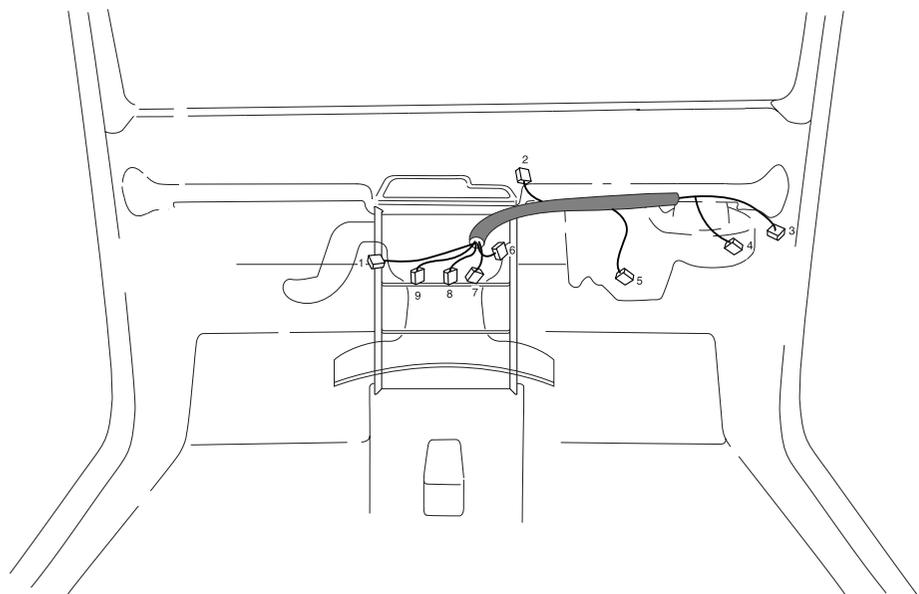
1. Door actuator
2. Door key cylinder switch
3. Power window switch
4. OSRV mirror motor
5. Power window motor
6. C352 (FRONT LH),C362(FRONT RH)
7. C351 (FRONT LH),C361(FRONT RH)
8. Speaker
9. Courtesy lamp

6) W/H TAIL GATE



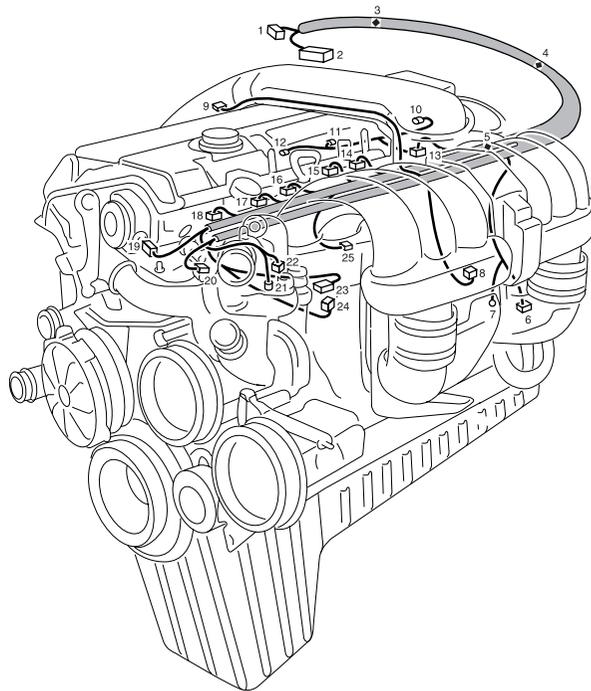
1. Rear washer motor
2. Tail gate door lock actuator
3. C403 (soft top)
4. Tail gate key cylinder sw
5. Rear heated glass
6. Rear wiper motor
7. Rear heated glass
8. C402
9. C401

## 7) W/H AIR-CONDITIONER



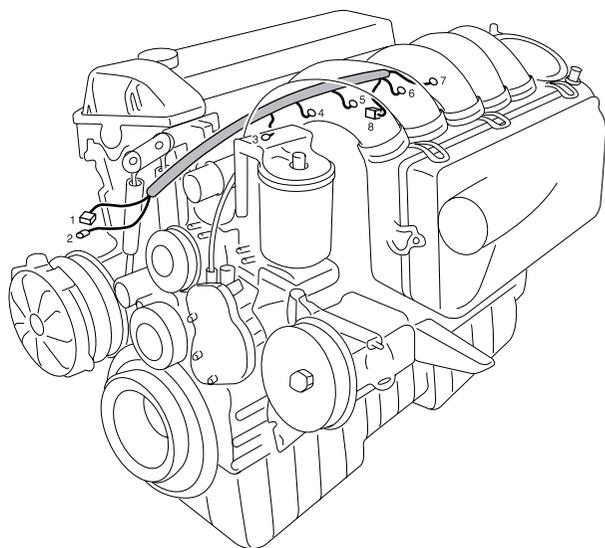
1. Mode actuator
2. C204
3. Intake actuator
4. Blower motor
5. Resistor
6. Blower relay
7. A/CON switch
8. Control panel
9. Blower switch

8) W/H ENGINE CONTROL (GASOLINE)



1. C114
2. C115
3. J106
4. J107
5. J108
6. Crankshaft position sensor
7. Oil pressure switch
8. Knock sensor 2
9. Air flow sensor
10. Ignition coil 3
11. Ignition coil 2
12. Ignition coil 1
13. Injector 6
14. Injector 5
15. Injector 4
16. Injector 3
17. Injector 2
18. Injector 1
19. Camshaft actuator
20. Camshaft position sensor
21. Engine coolant temperature sensor (Gauge)
22. Engine temperature sensor
23. Throttle motor & sensor
24. Knock sensor 1
25. Intake manifold resonance flap

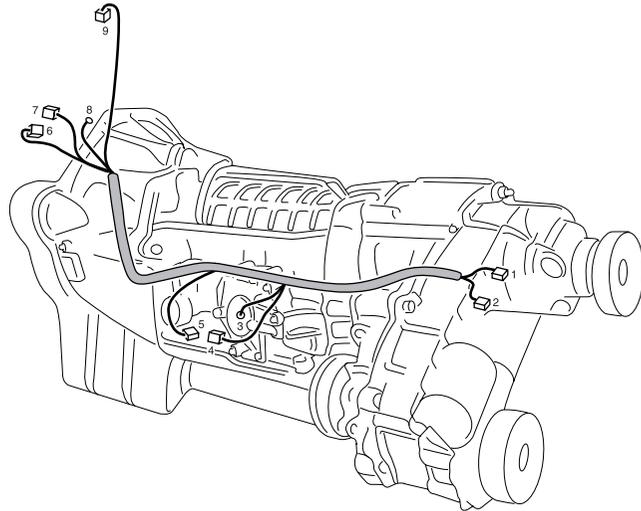
## 9) W/H PRE-HEATING (DIESEL)



1. Preheating time control relay
2. C109
3. Glow plug 1
4. Glow plug 2
5. Glow plug 3
6. Glow plug 4
7. Glow plug 5 (662 LA only)
8. Engine coolant temperature sensor (Gauge)

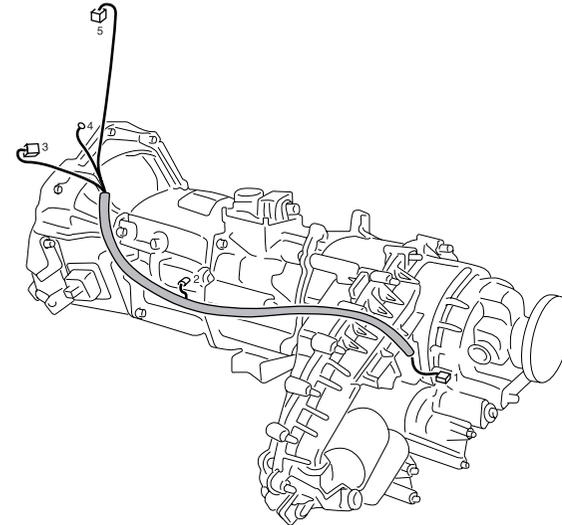
10) W/H TRANSMISSION

- AUTOMATIC TRANSMISSION



1. C301
2. C302 (Diesel E/G)
3. Transmission
4. T/M Lever
5. Inhibitor switch
6. Micro switch (Diesel E/G)
7. Throttle position sensor (Diesel E/G)
8. Engine oil pressure switch
9. Engine speed sensor (Diesel E/G)

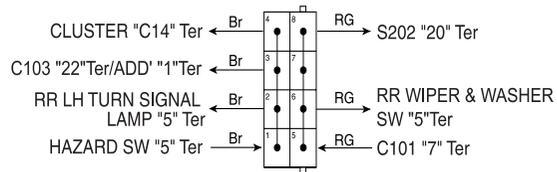
- MANUAL TRANSMISSION



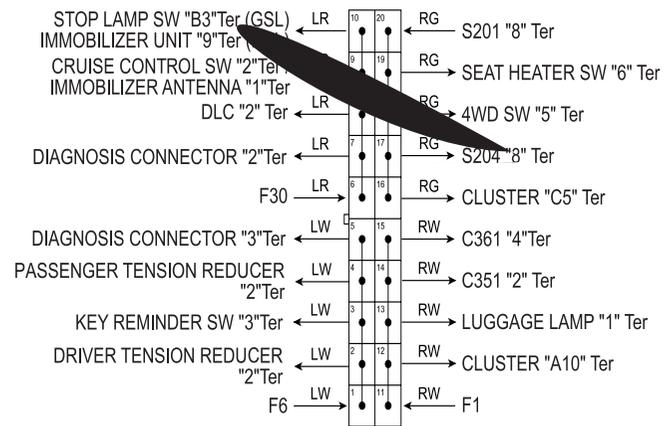
1. C302
2. Back up switch
3. Micro switch
4. Engine oil pressure switch
5. Engine speed sensor

11) SPLICE PACK

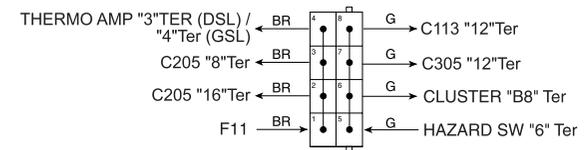
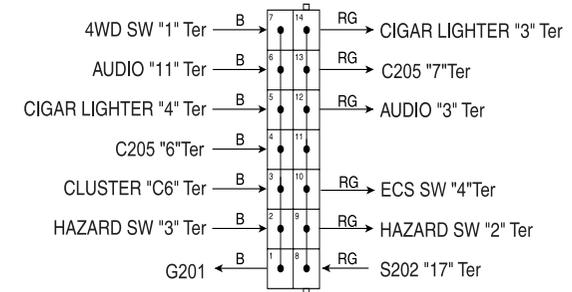
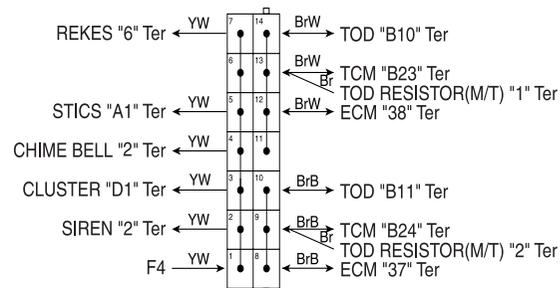
S201 (COLORLESS)



S202 (BLACK)



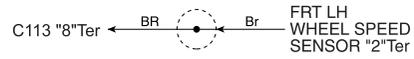
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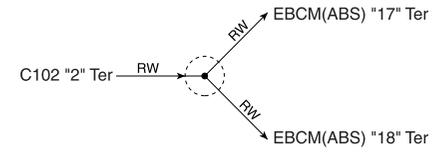
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### 12) JOINT

J101



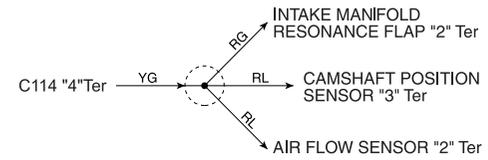
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J102



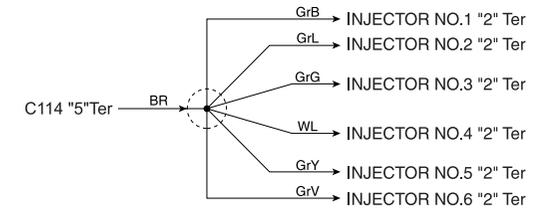
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J103



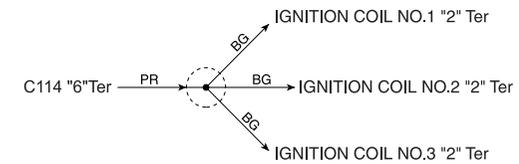
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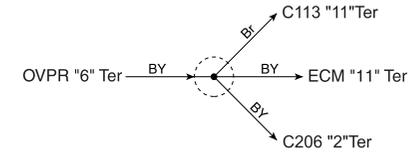
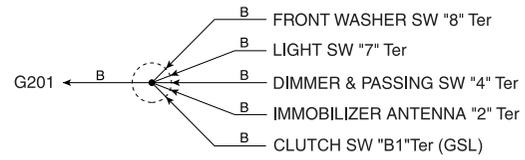
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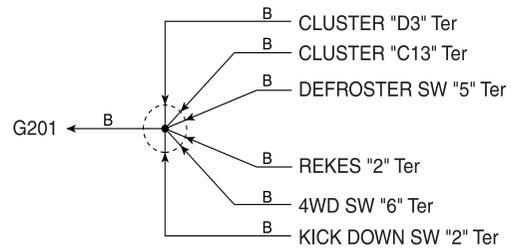
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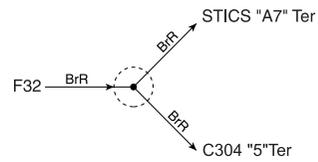
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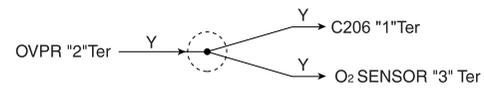
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J203

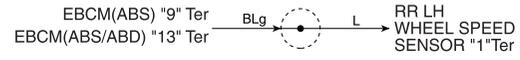


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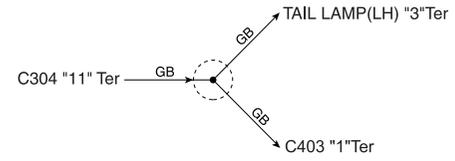


2-18 ELECTRICAL WIRING DIAGRAMS

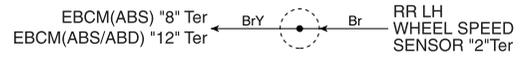
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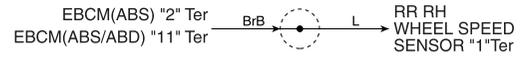
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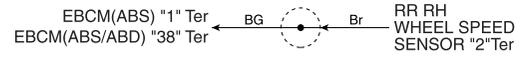
J302



J303



J304



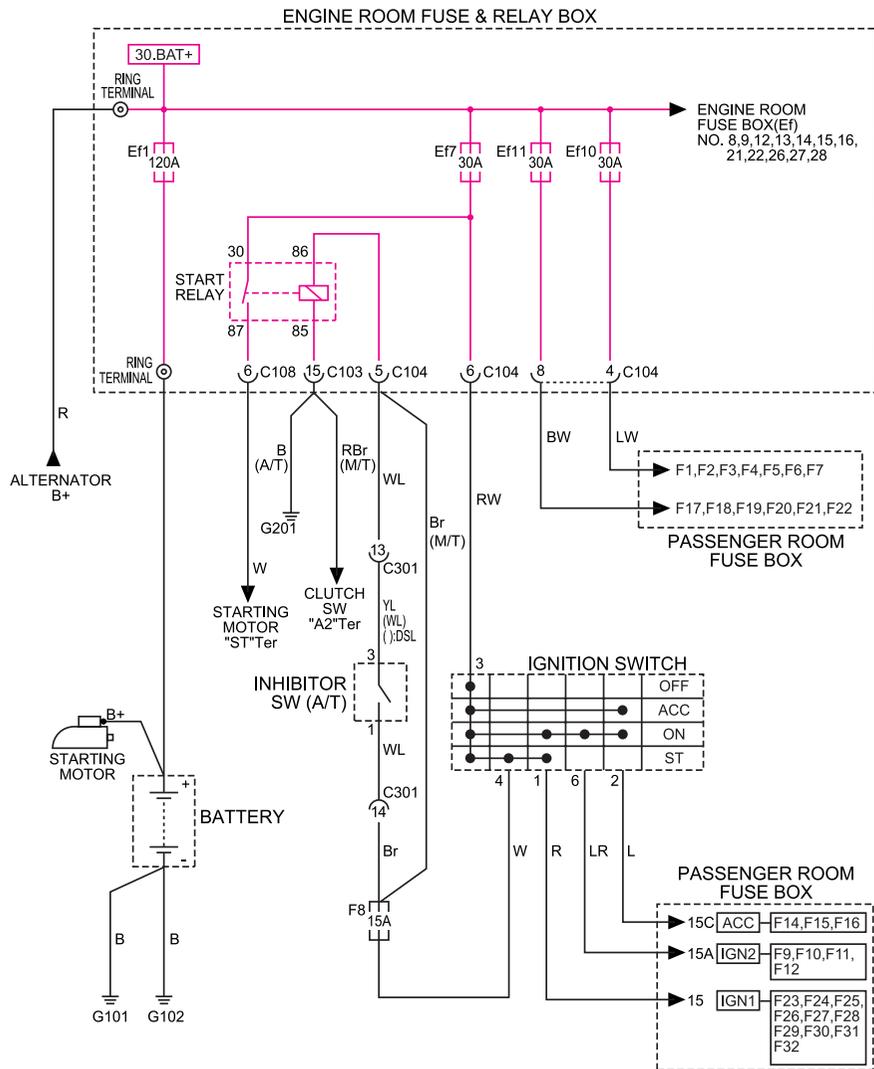
## SECTION 3

# WIRING DIAGRAM FOR POWER SUPPLIES

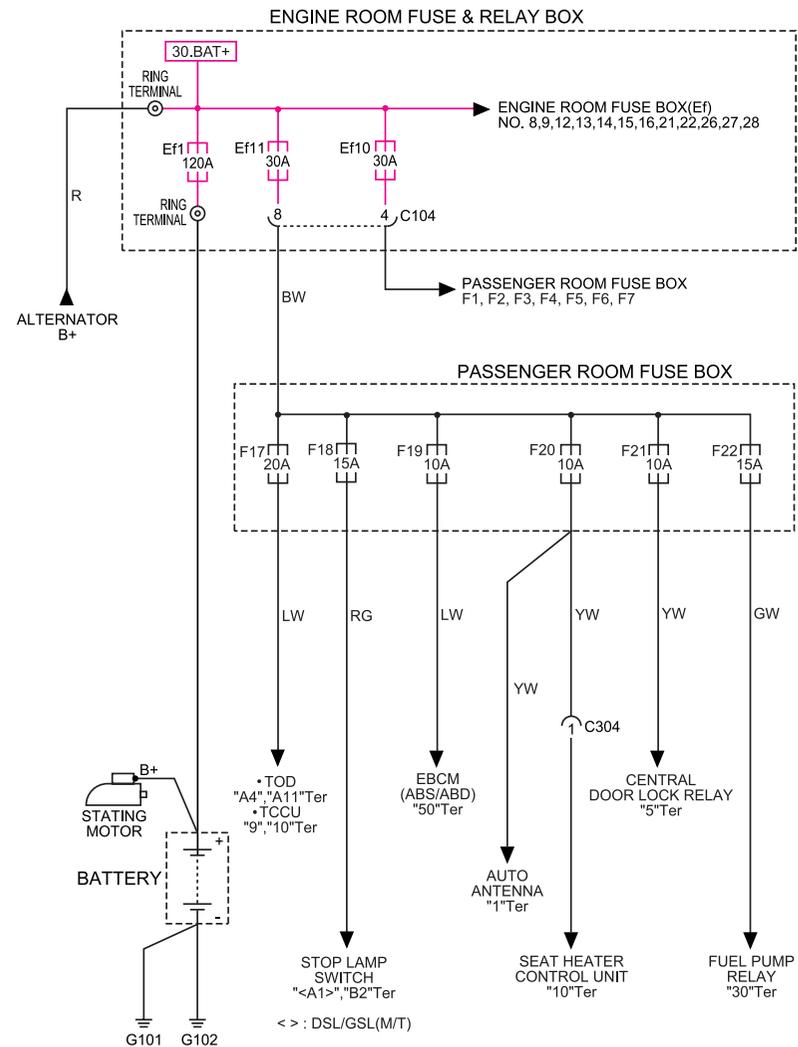
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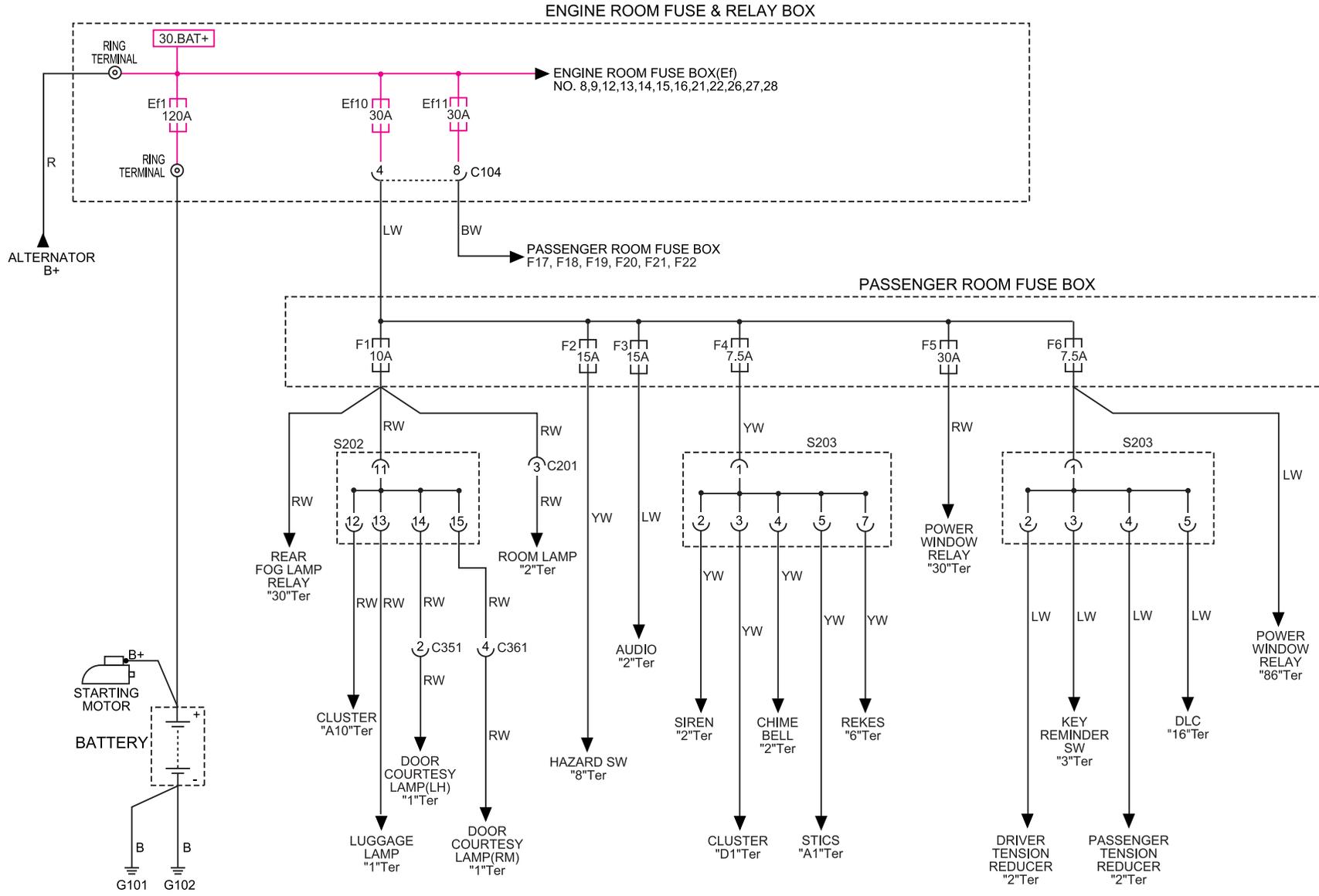
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### 1. IGNITION SWITCH CIRCUIT



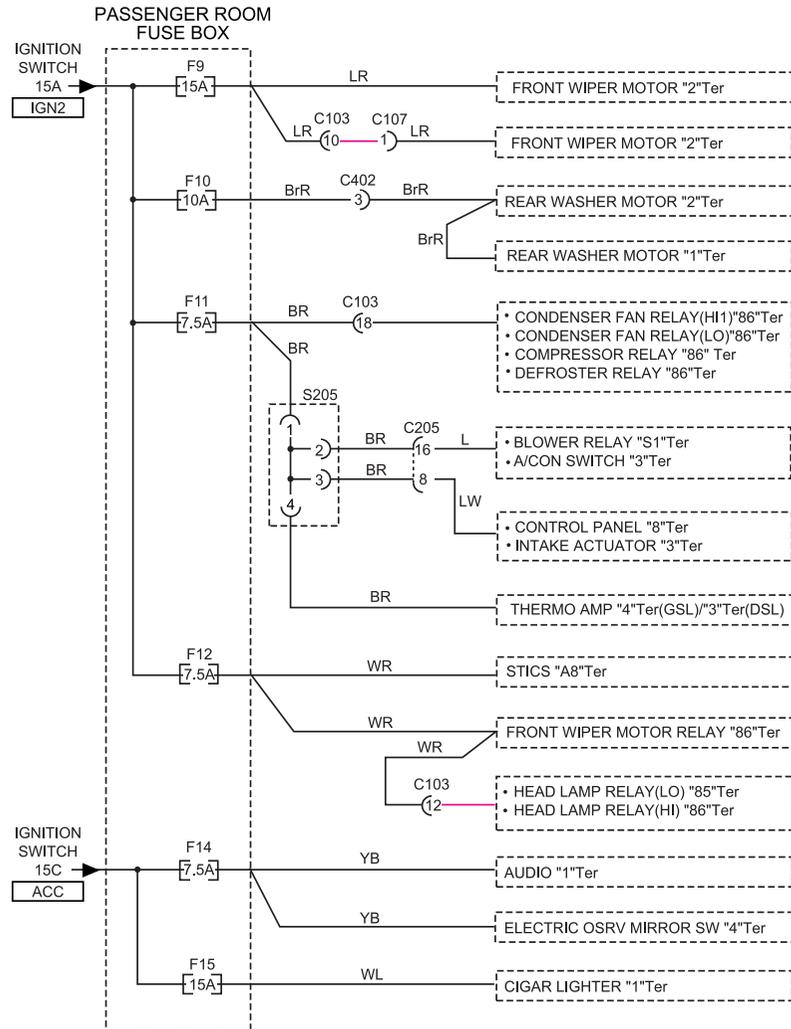
### 2. 30 Ter BAT+ POWER SUPPLY CIRCUIT (PASSENGER ROOM FUSE BOX)



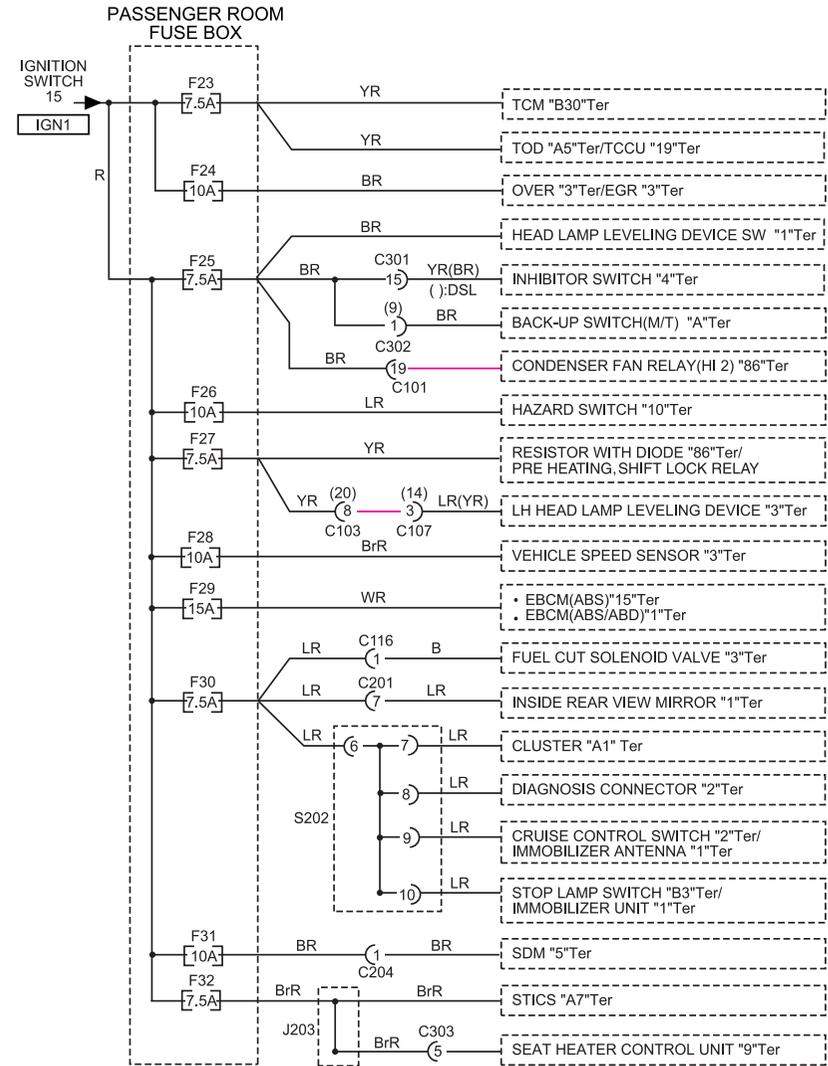


3-4 WIRING DIAGRAM FOR POWER SUPPLIES

3. 15A IGN 2 , 15C ACC POWER SUPPLY CIRCUIT (PASSENGER ROOM FUSE BOX)

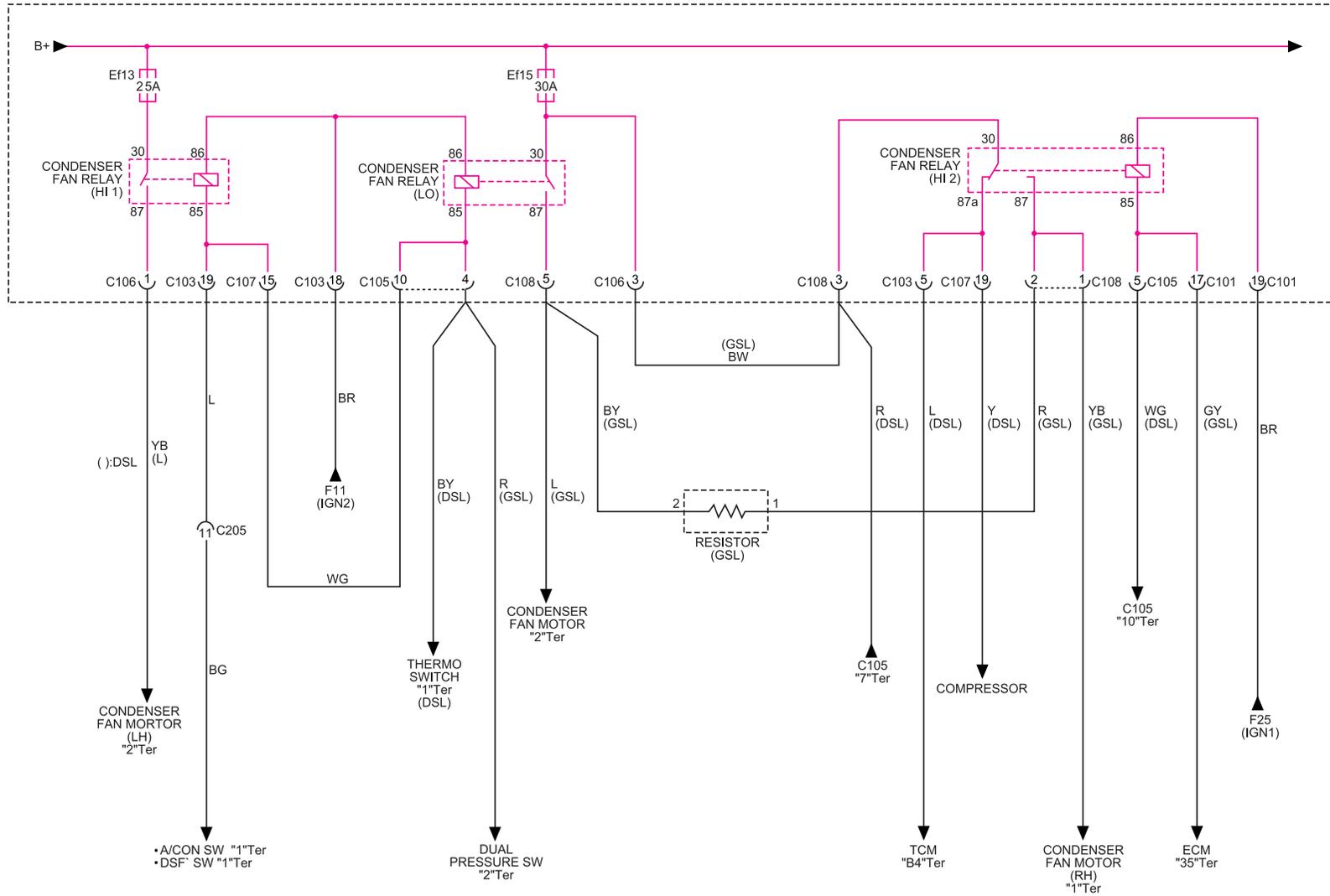


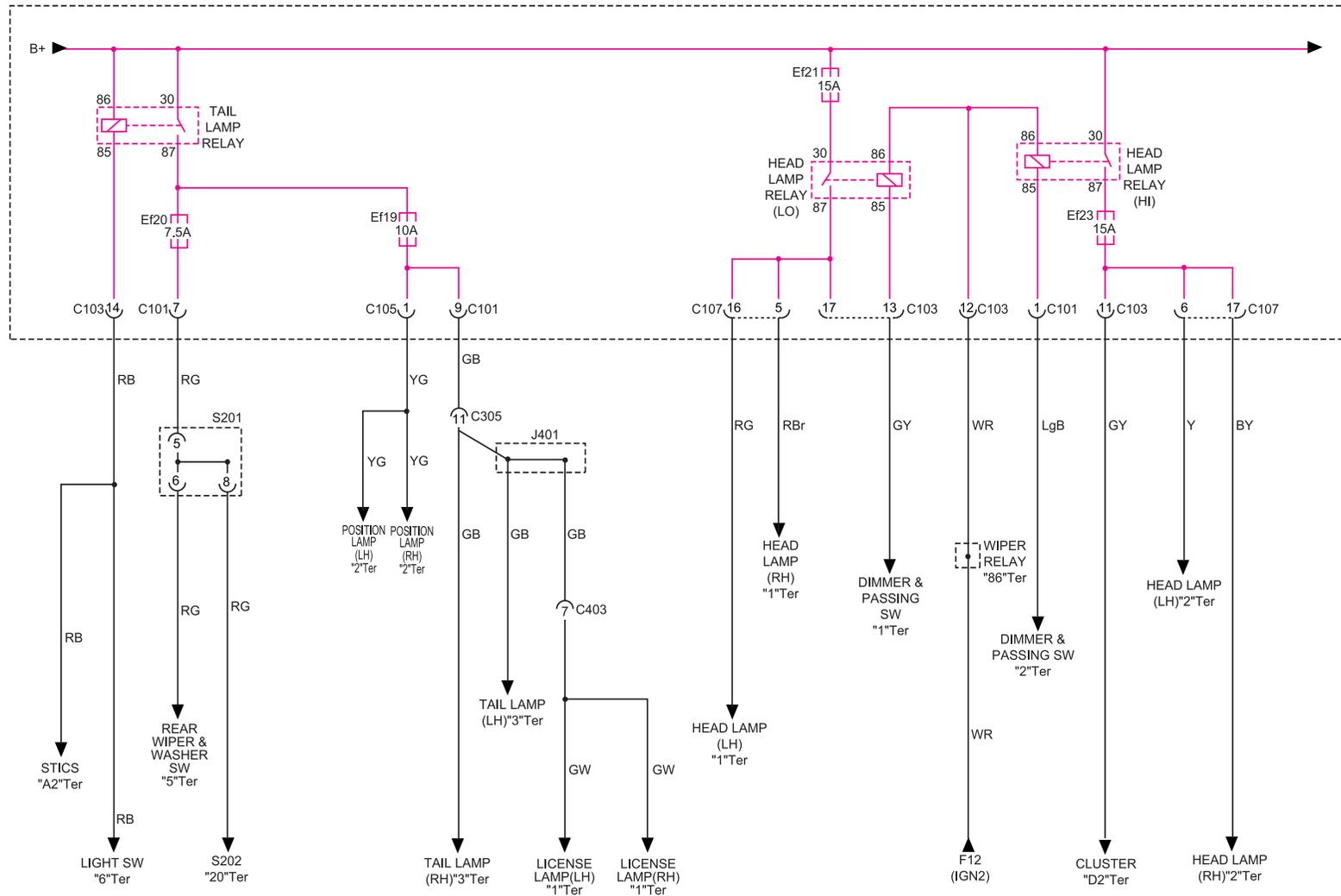
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### 3-6 WIRING DIAGRAM FOR POWER SUPPLIES







## **SECTION 4**

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

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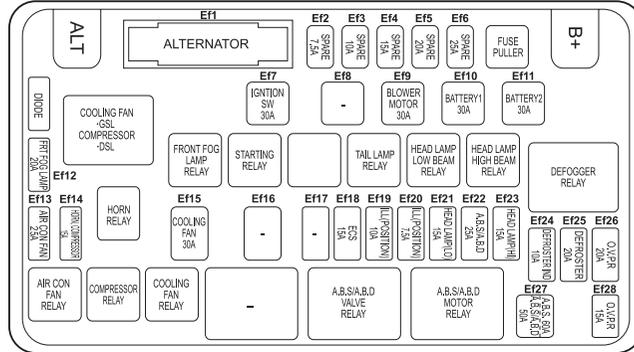
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## 4-2 USAGE AND CAPACITY OF FUSES IN FUSE BOX

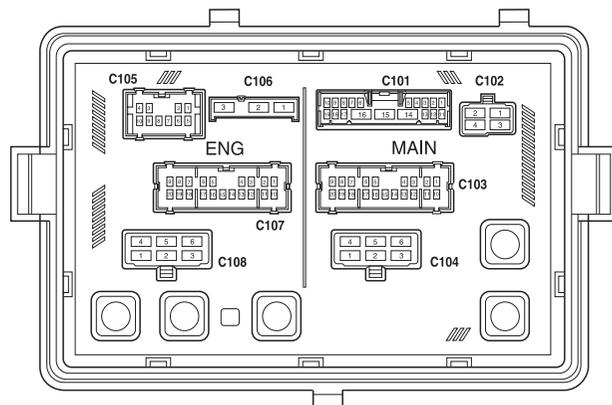
### 1. ENGINE ROOM FUSE & RELAY BOX

#### 1) POSITION OF RELAY AND FUSE

- Front View



- Rear View



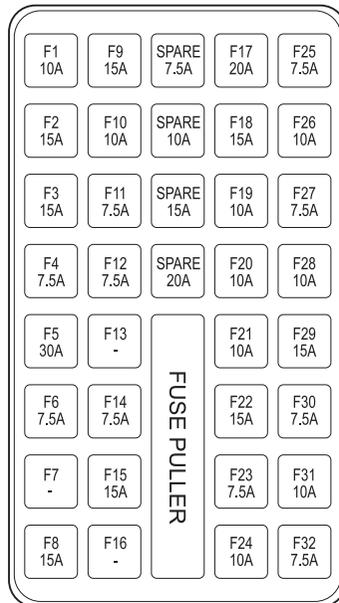
#### 2) USAGE OF FUSE IN ENGINE ROOM FUSE BOX

| Power Supply    | Classification    | Fuse No             | Capacity  | Usage                      |             |
|-----------------|-------------------|---------------------|-----------|----------------------------|-------------|
| 30 BAT(+)       | SB(Slow-Blow)Fuse | Ef 1                | 120A      | Alternator Main - Gasoline |             |
|                 |                   |                     | 80A       | Alternator Main - Diesel   |             |
| Spare           | Blade Type Fuse   |                     | Ef2       | 7.5A                       | Not Used    |
|                 |                   |                     | Ef3       | 10A                        | Not Used    |
|                 |                   |                     | Ef4       | 15A                        | Not Used    |
|                 |                   |                     | Ef5       | 20A                        | Not Used    |
|                 |                   |                     | Ef6       | 25A                        | Not Used    |
|                 |                   |                     | 30 BAT(+) | SB(Slow-Blow)Fuse          | Ef7         |
| Blade Type Fuse | Ef8               | -                   |           | Not Used                   |             |
|                 | Ef9               | 30A                 |           | Blower Motor               |             |
|                 | Ef10              | 30A                 |           | Battery 1 (F1~F7)          |             |
|                 | Ef11              | 30A                 |           | Battery 2 (F17~F22)        |             |
|                 | Ef12              | 20A                 |           | Front Fog Lamp             |             |
|                 | Ef13              | 25A                 |           | A/C Condenser Fan          |             |
|                 | Ef14              | 15A                 |           | Horn,A/C Compressor        |             |
|                 | SB(Slow-Blow)Fuse | Ef15                |           | 30A                        | Cooling Fan |
|                 | Ef16              | -                   |           | Not Used                   |             |
|                 | Ef17              | -                   |           | Not Used                   |             |
|                 | Ef18              | -                   |           | -                          |             |
|                 | Ef19              | 10A                 |           | Illumination (Position)    |             |
|                 | Ef20              | 7.5A                |           | Illumination (Switch)      |             |
| Ef21            | 15A               | Head Lamp (LO)      |           |                            |             |
| Ef22            | 25A               | ABS/ABD             |           |                            |             |
| Ef23            | 15A               | Head Lamp (HI)      |           |                            |             |
| Ef24            | 10A               | Defroster Indicator |           |                            |             |
| Ef25            | 20A               | Dsfroster           |           |                            |             |
| Ef26            | 20A               | O.V.P.R             |           |                            |             |
| 30 BAT(+)       | SB(Slow-Blow)Fuse | Ef27                | 60A       | ABS                        |             |
|                 | 50A               |                     | ABS/ABD   |                            |             |
|                 | Blade Type Fuse   | Ef28                | 15A       | O.V.P.R                    |             |

\* 30 : Battery(+) Power Supply

## 2. PASSENGER ROOM FUSE BOX

### 1) POSITION OF FUSE



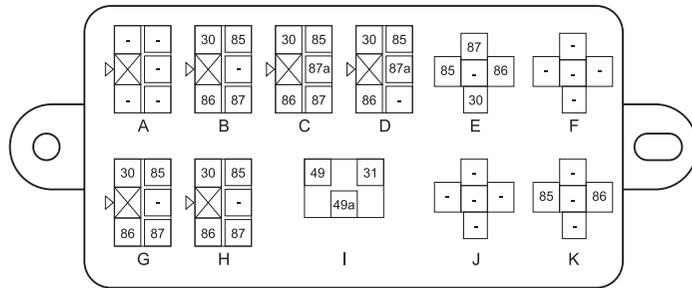
### 2) USAGE OF FUSE IN PASSENGER ROOM FUSE BOX

| Power Supply | Classification | Fuse No | Capacity | Usage   |
|--------------|----------------|---------|----------|---|
| 30 BAT(+)    | Blade Type     | F1      | 10A      | Interior Lamp, Rr Fog Lp, Cluster                             |
|              |                | F2      | 15A      | Hazard Lamp   |
|              |                | F3      | 15A      | Audio   |
|              |                | F4      | 7.5A     | STICS,REKES,Clock   |
|              |                | F5      | 30A      | Power Window  |
|              |                | F6      | 7.5A     | Seat Belt, Diagnosis(DLC)                                     |
|              |                | F7      | -        | -   |
| ST           |                | F8      | 15A      | Starting  |
| 15A<br>IGN2  |                | F9      | 15A      | Front Wiper & Washer  |
|              |                | F10     | 10A      | Rear Wiper  |
| 15A<br>IGN1  |                | F11     | 7.5A     | A/C System,Defroster  |
|              |                | F12     | 7.5A     | Head Lamp,STICS   |
| 15C<br>ACC   |                | F13     | -        | -   |
|              |                | F14     | 7.5A     | Audio,OSRV Mirror   |
| 30 BAT(+)    |                | F15     | 15A      | Cigar Lighter   |
|              |                | F16     |          |   |
|              |                | F17     | 20A      | TOD,TCCU  |
|              |                | F18     | 15A      | Stop Lamp   |
|              |                | F19     | 10A      | ABD   |
|              |                | F20     | 10A      | Seat Heater,Auto Antenna                                      |
|              |                | F21     | 10A      | Door Lock System  |
|              |                | F22     | 15A      | Fuel Pump   |
|              |                | F23     | 7.5A     | TOD,TCCU,TCM  |
|              |                | F24     | 10A      | OVP, EGR  |
| 15<br>IGN1   |                | F25     | 7.5A     | HLLD, B/UP Lamp   |
|              |                | F26     | 10A      | Turn Signal Lamp  |
|              |                | F27     | 7.5A     | BTSI, Pre-heating, Shift Lock                                 |
|              |                | F28     | 10A      | Speedometer   |
|              |                | F29     | 15A      | ABS,ABD   |
|              |                | F30     | 7.5A     | Inside Rear View Mirror, Cruise Control, Immobilizer, Cluster |
|              |                | F31     | 10A      | Air Bag   |
|              |                | F32     | 7.5A     | Seat Heater   |

\* 30 : BAT(+) Power Supply Through Ef1.

### 3. PASSENGER ROOM RELAY BOX

#### 1) POSITION OF RELAY



A: NOT USED  
 B: NETURAL RELAY  
 C: FRONT WIPER RELAY  
 D: ABD RELAY  
 E: FUEL PUMP RELAY  
 F: NOT USED

G: POWER WINDOW RELAY  
 H: SHIFT LOCK RELAY  
 I: FLASHER UNIT  
 J: REAR FOG LAMP RELAY  
 K: RESISTOR WITH DIODE

## SECTION 5

# ELECTRICAL WIRING DIAGRAMS

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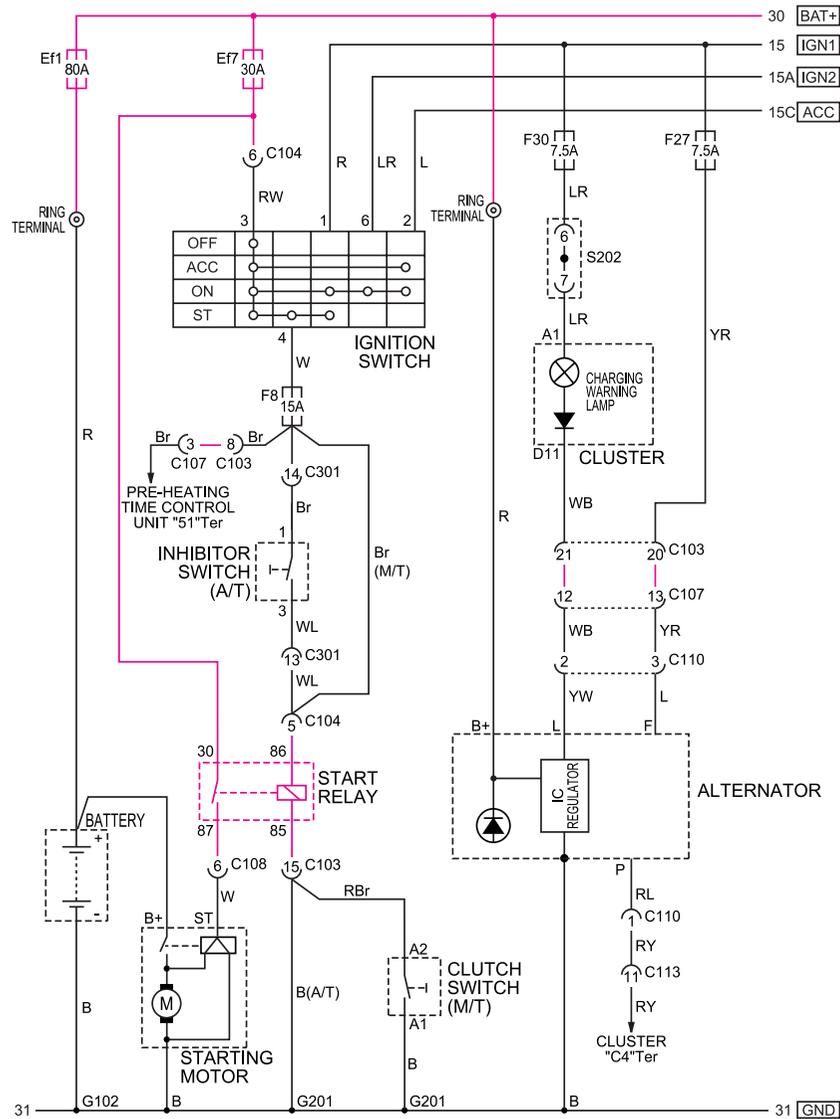
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1. STARTING & CHARGING SYSTEM

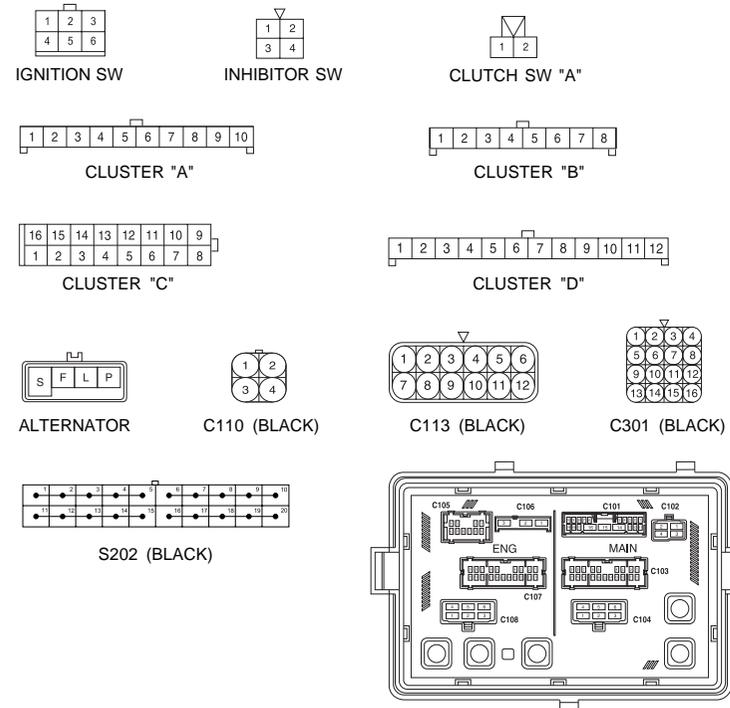
1) DIESEL



a. CONNECTOR INFORMATION

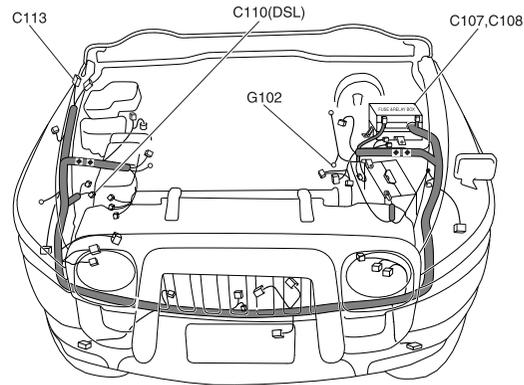
| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS             | CONNECTOR POSITION        |
|------------------------|--|---------------------------|
| C103 (22Pin, White)    | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box      |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box      |
| C107 (20Pin, White)    | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box      |
| C108 (6Pin, Colorless) | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box      |
| C110 (4Pin, Black)     | W/H Engine Room - W/H Alternator       | Below Air Cleaner         |
| C113 (12Pin,Black)     | W/H Engine Room - W/H Main             | Next to Hydraulic Unit    |
| C301 (16Pin, Black)    | W/H Main - W/H Transmission            | Upper Transfer Case       |
| S202 (20Pin,Black)     | W/H Main                               | Behind Cluster            |
| G102                   | Battery                                | Center Engine Block       |
| G201                   | W/H Main                               | Upper Front Left Leg Room |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

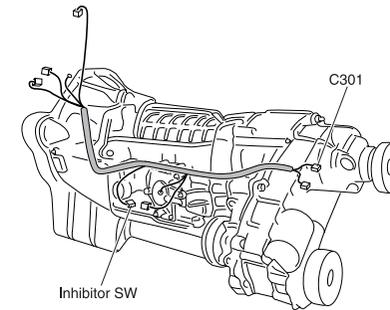


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H ENGINE ROOM



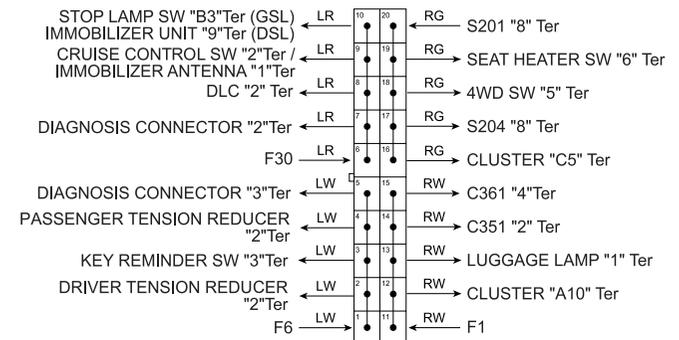
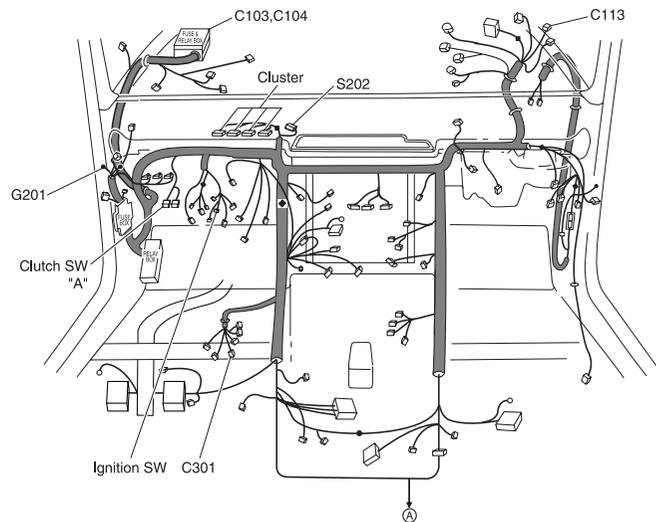
- W/H TRANSMISSION (AUTOMATIC TRANSMISSION)



**d. SPLICE PACK**

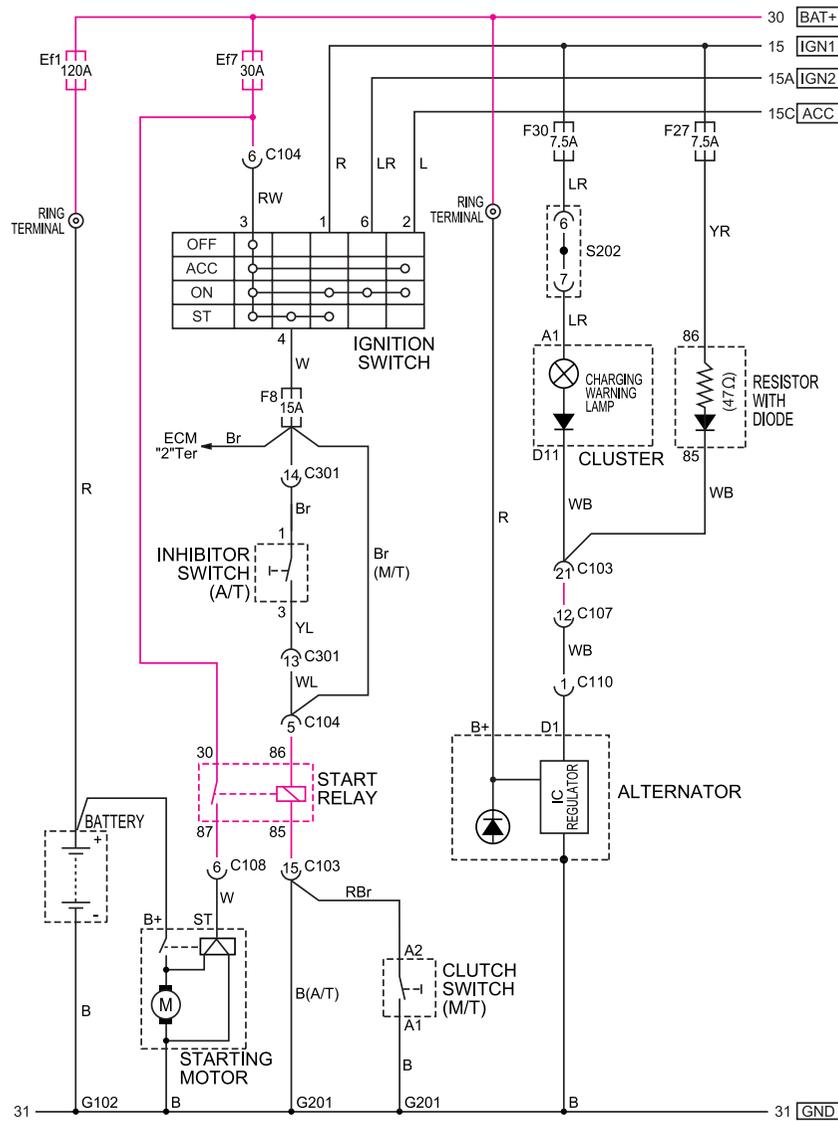
S202 (BLACK)

- W/H MAIN



5-8 ELECTRICAL WIRING DIAGRAMS

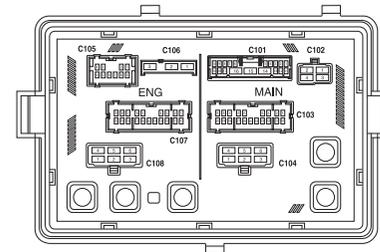
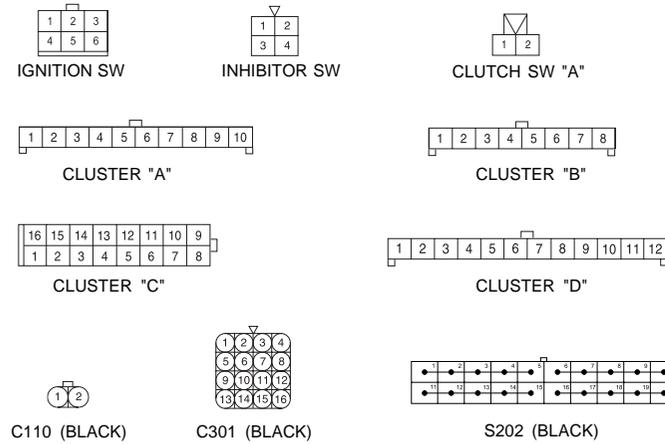
2) GASOLINE



a. CONNECTOR INFORMATION

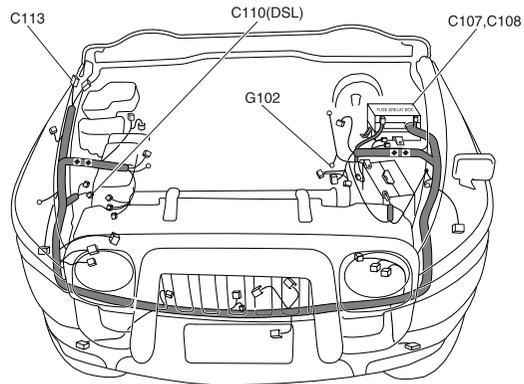
| CONNECTOR (NUMBER)     | CONNECTING WIRING HARNESS              | CONNECTOR POSITION        |
|------------------------|--|---------------------------|
| C103 (22Pin, White)    | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box      |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box      |
| C107 (20Pin, White)    | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box      |
| C108 (6Pin, Colorless) | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box      |
| C110 (2Pin, Black)     | W/H Engine Room - W/H Alternator       | Below Air Cleaner         |
| C301 (16Pin, Black)    | W/H Main - W/H Transmission            | Upper Transfer Case       |
| S202 (20Pin, Black)    | W/H Main                               | Behind Cluster            |
| G102                   | Battery                                | Center Engine Block       |
| G201                   | W/H Main                               | Upper Front Left Leg Room |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

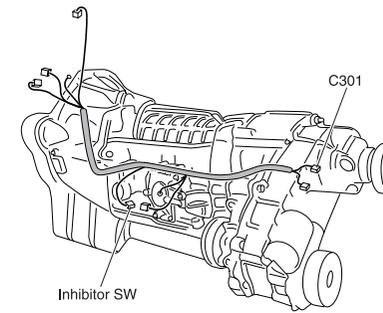


**c. POSITION OF CONNECTORS AND GROUNDS**

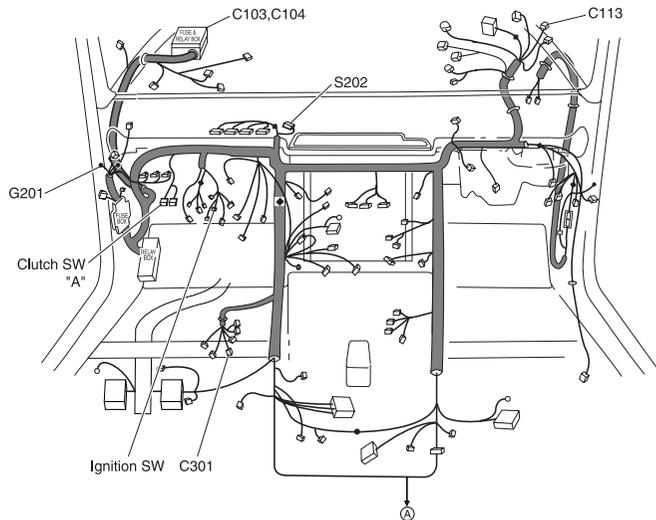
- W/H ENGINE ROOM



- W/H TRANSMISSION (AUTOMATIC TRANSMISSION)

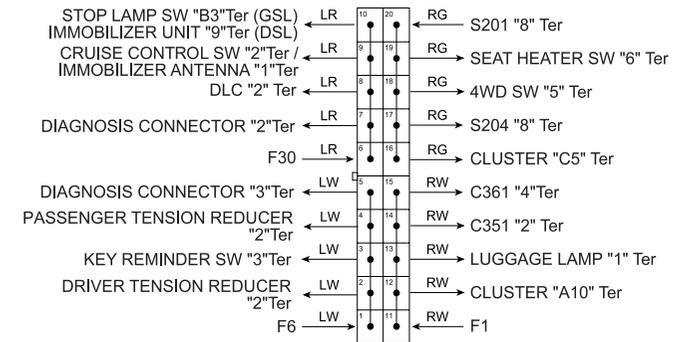


- W/H MAIN



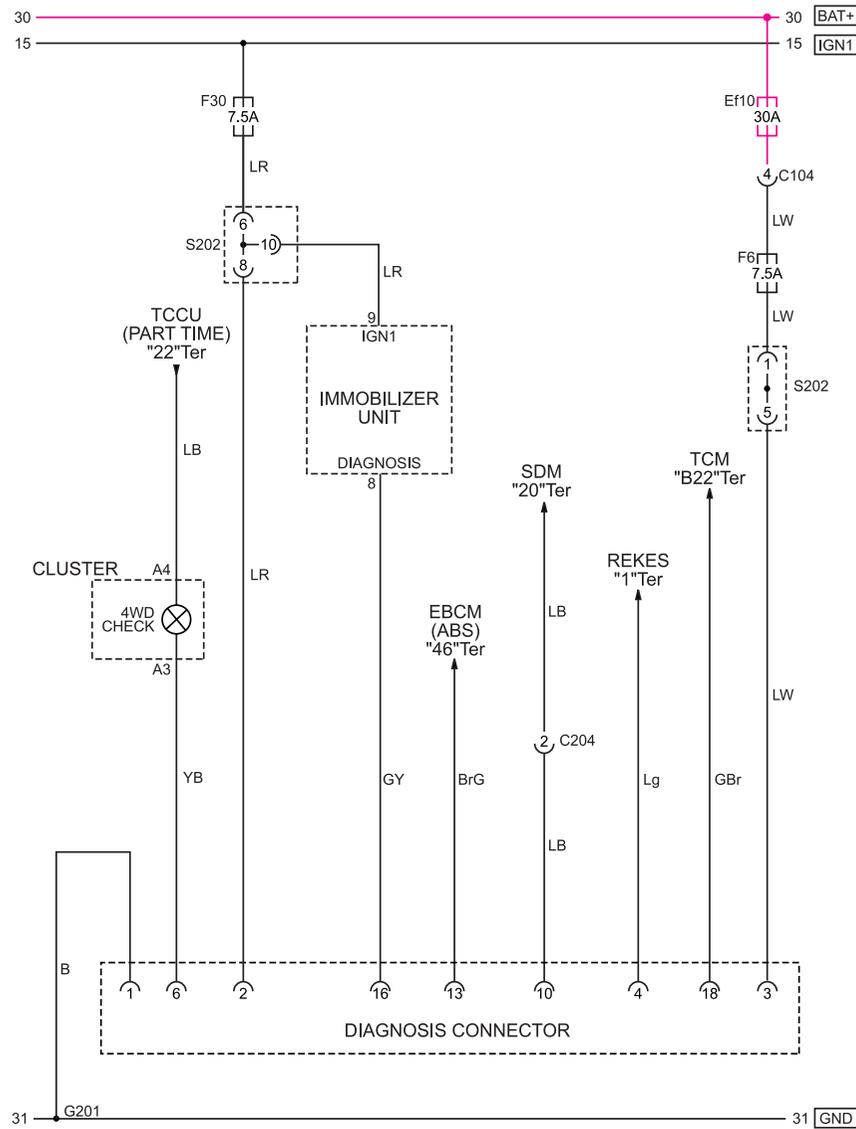
**d. SPLICE PACK**

S202 (BLACK)



## 2. DIAGNOSIS CONNECTOR

### 1) DIESEL



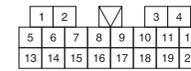
### a. CONNECTOR INFORMATION

| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION         |
|------------------------|---------------------------------|----------------------------|
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box       |
| C204 (4Pin, Colorless) | W/H Main - W/H SDM              | Lower Rear Center Facia    |
| S202 (20Pin, Black)    | W/H Main                        | Behind Cluster             |
| G201                   | W/H Main                        | Upper Front Leftt Leg Room |

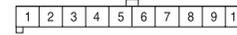
### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



IMMOBILIZER UNIT



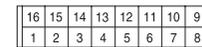
DIAGNOSIS CONNECTOR



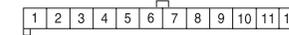
CLUSTER "A"



CLUSTER "B"



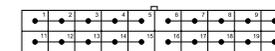
CLUSTER "C"



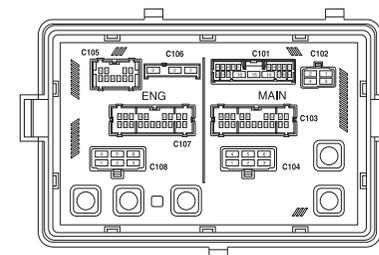
CLUSTER "D"



C204 (COLORLESS)

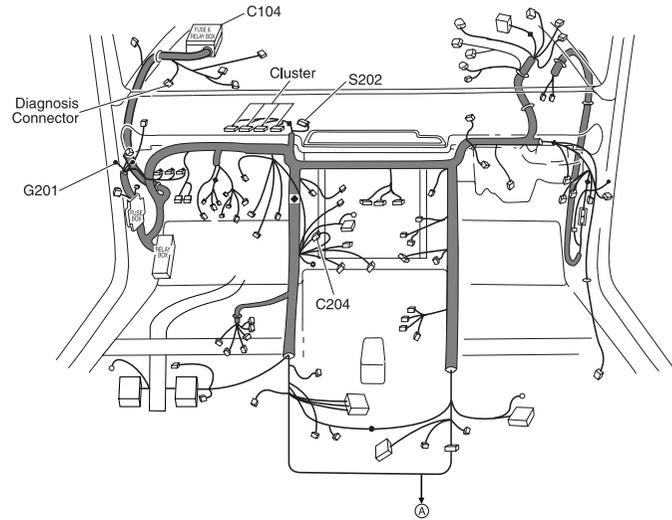


S202 (BLACK)



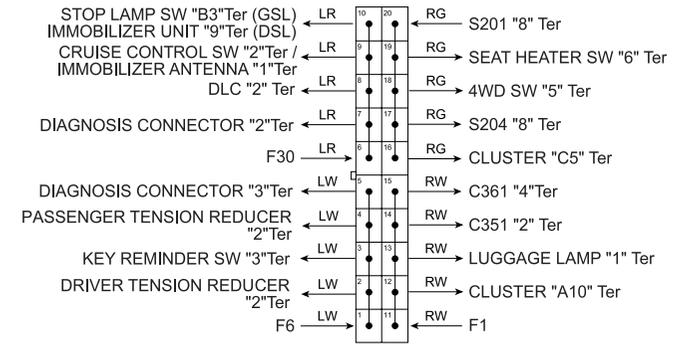
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN



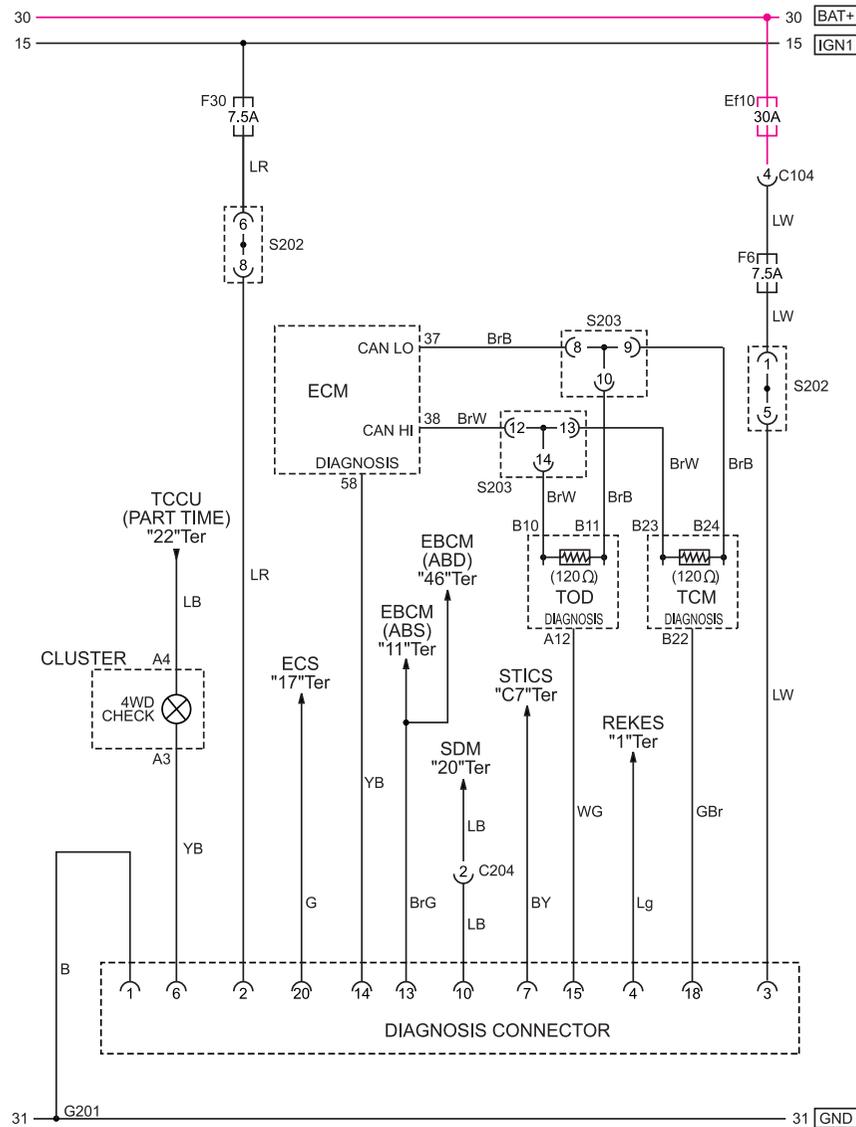
**d. SPLICE PACK**

S202 (BLACK)



## 5-12 ELECTRICAL WIRING DIAGRAMS

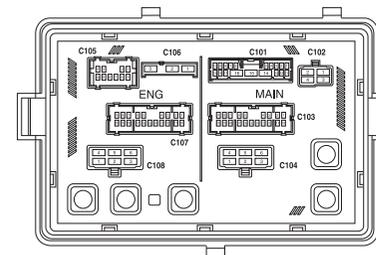
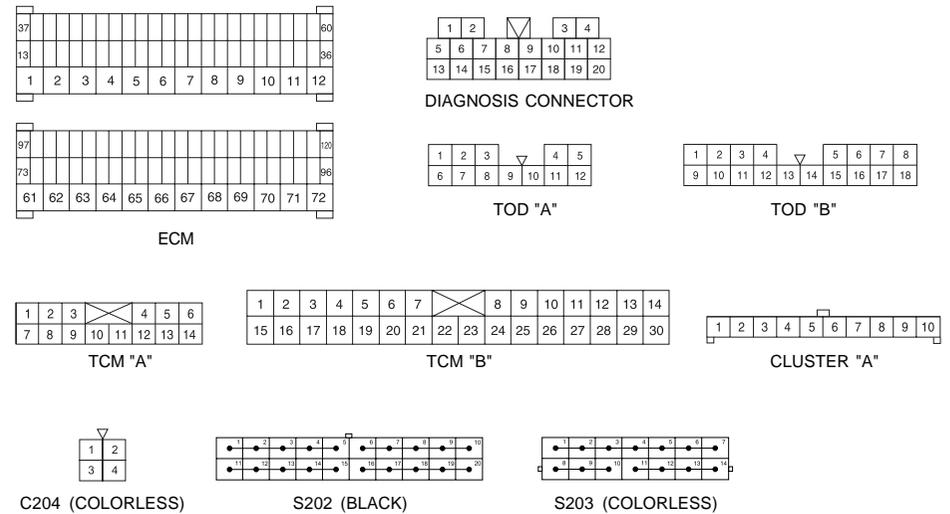
### 2) GASOLINE (1) W/O EURO III



### a. CONNECTOR INFORMATION

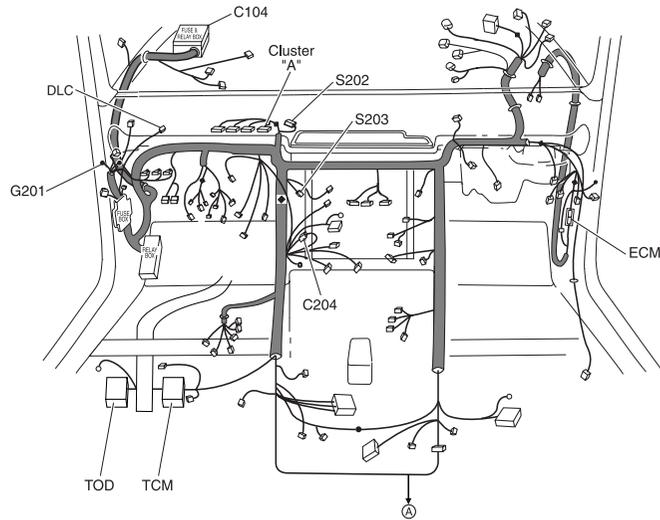
| CONNECTOR(NUMBER)       | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION        |
|-------------------------|---------------------------------|---------------------------|
| C104 (8Pin, Colorless)  | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box      |
| C204 (4Pin, Colorless)  | W/H Main - W/H SDM              | Lower Rear Center Facia   |
| S202 (20Pin, Black)     | W/H Main                        | Behind Cluster            |
| S203 (14Pin, Colorless) | W/H Main                        | Behind 4WD Switch         |
| G201                    | W/H Main                        | Upper Front Left Leg Room |

### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



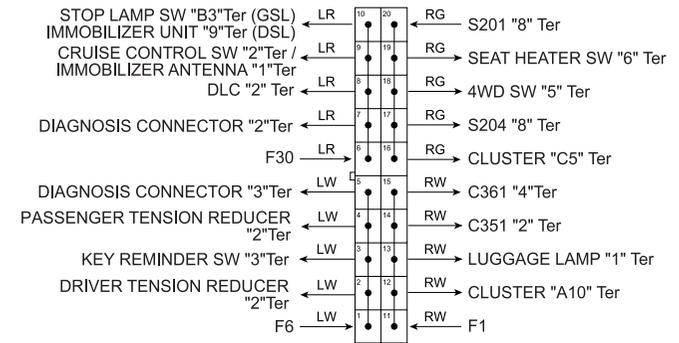
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

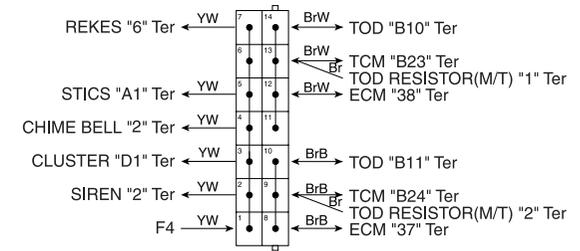


**d. SPLICE PACK**

**S202 (BLACK)**

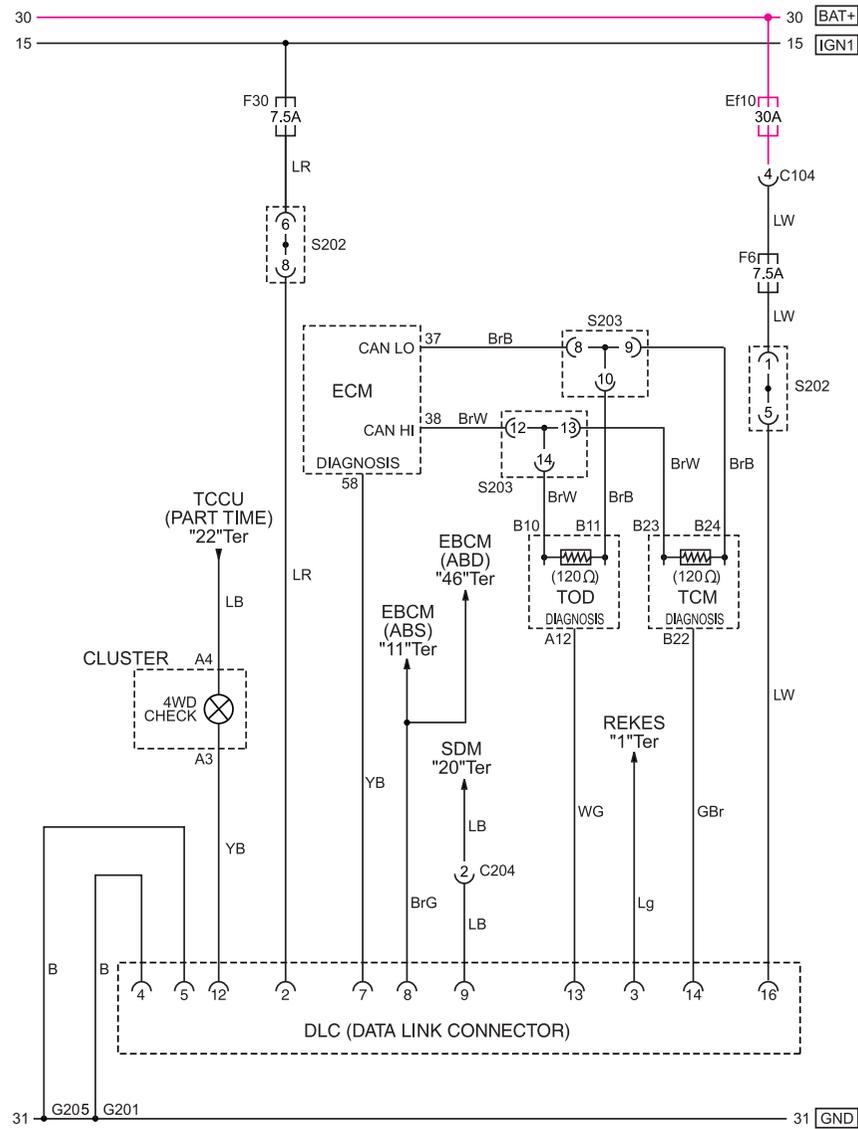


**S203**



# 5-14 ELECTRICAL WIRING DIAGRAMS

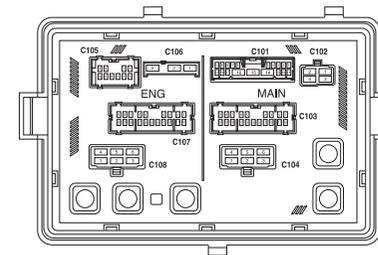
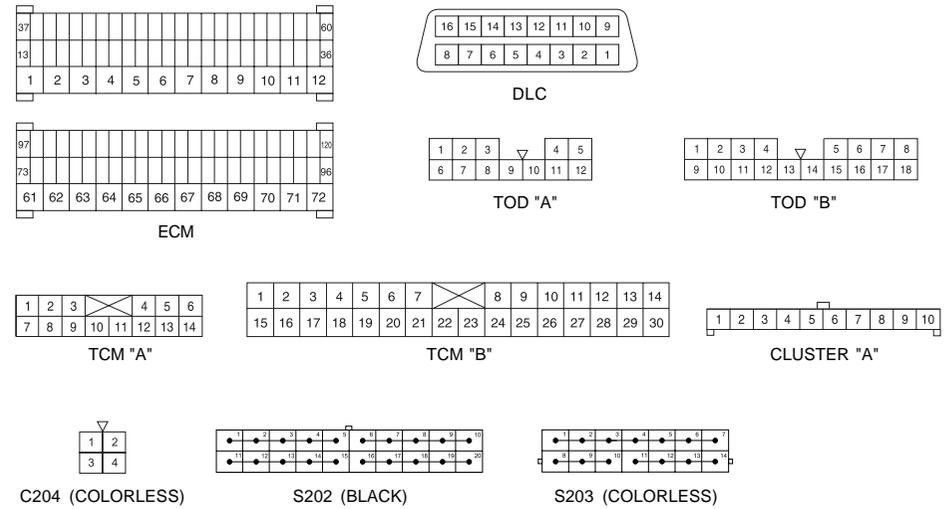
## (2) W/ EURO III



## a. CONNECTOR INFORMATION

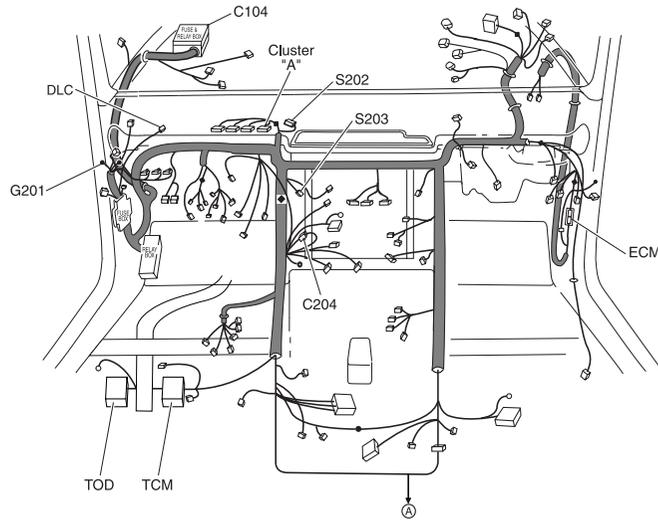
| CONNECTOR(NUMBER)       | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION        |
|-------------------------|---------------------------------|---------------------------|
| C104 (8Pin, Colorless)  | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box      |
| C204 (4Pin, Colorless)  | W/H Main - W/H SDM              | Lower Rear Center Facia   |
| S202 (20Pin, Black)     | W/H Main                        | Behind Cluster            |
| S203 (14Pin, Colorless) | W/H Main                        | Behind 4WD Switch         |
| G201                    | W/H Main                        | Upper Front Left Leg Room |

## b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



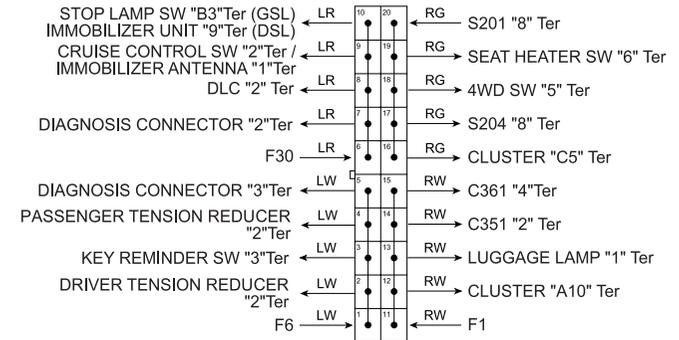
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

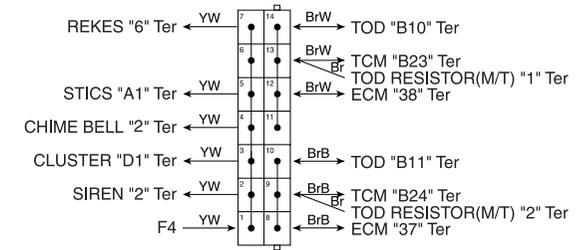


**d. SPLICE PACK**

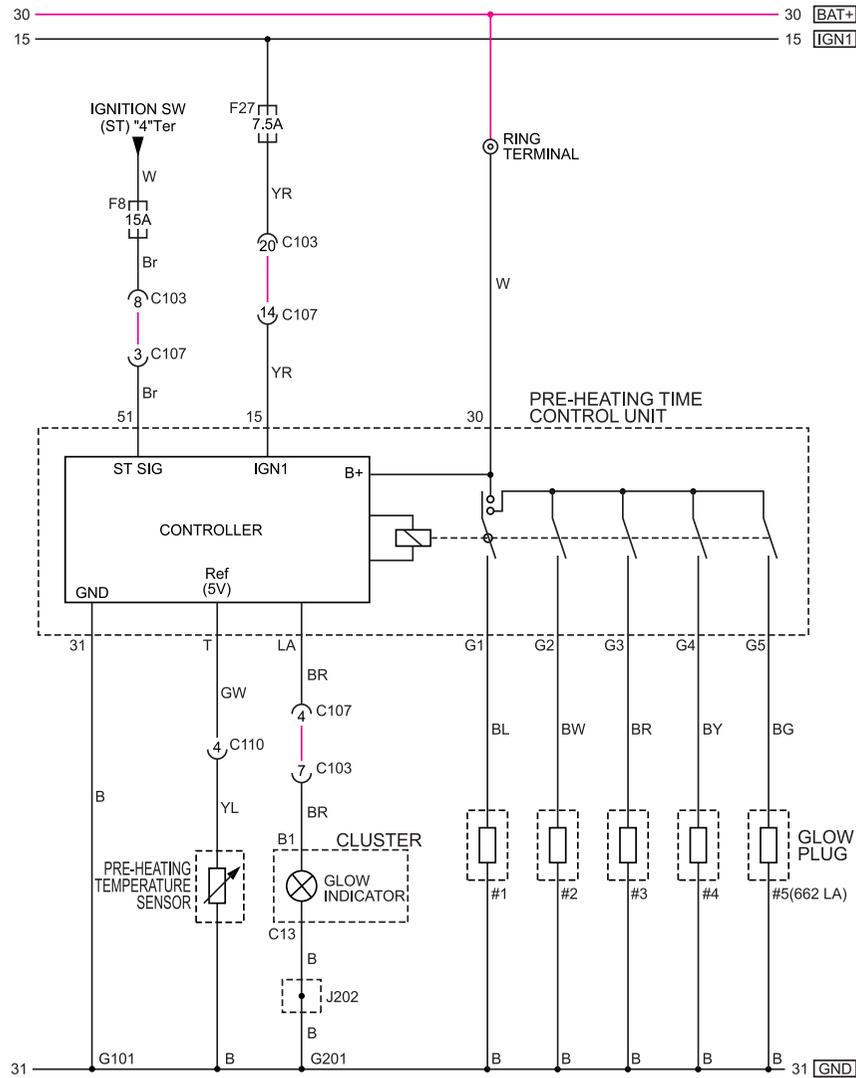
**S202 (BLACK)**



**S203**



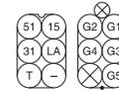
### 3. PRE-HEATING SYSTEM



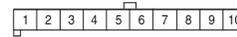
#### a. CONNECTOR INFORMATION

| CONNECTOR (NUMBER)  | CONNECTING WIRING HARNESS              | CONNECTOR POSITION        |
|---------------------|--|---------------------------|
| C103 (22Pin, White) | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box      |
| C107 (20Pin, White) | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box      |
| C110 (4Pin, Black)  | W/H Engine Room - W/H Alternator       | Below Air Cleaner         |
| J202                | W/H Main                               | Behind Cluster            |
| G102                | Battery                                | Center Engine Block       |
| G201                | W/H Main                               | Upper Front Left Leg Room |

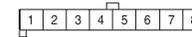
#### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



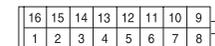
PRE-HEATING TIME CONTROL UNIT



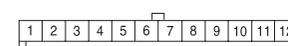
CLUSTER "A"



CLUSTER "B"



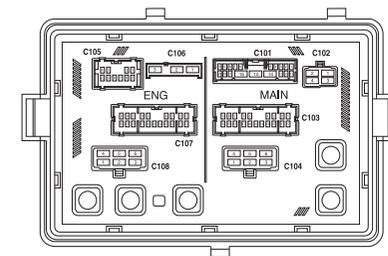
CLUSTER "C"



CLUSTER "D"

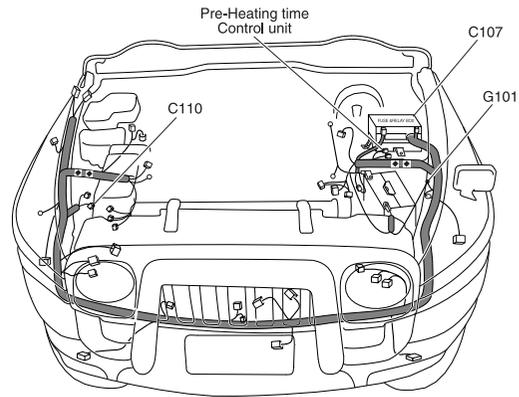


C110 (BLACK)

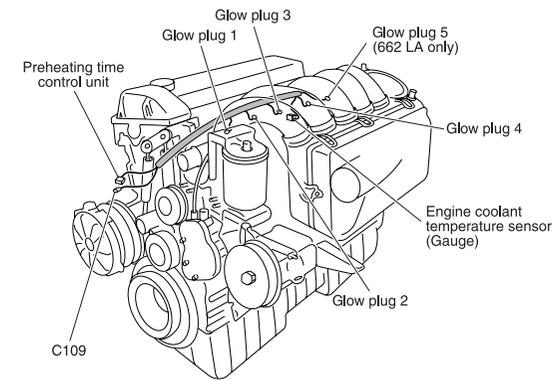


**c. POSITION OF CONNECTORS AND GROUNDS**

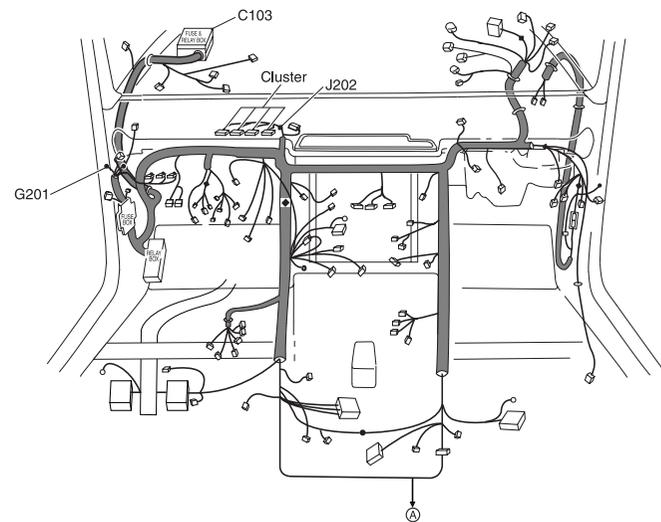
- W/H ENGINE ROOM



- W/H PRE-HEATING (DIESEL)

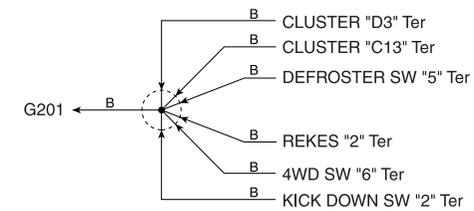


- W/H MAIN



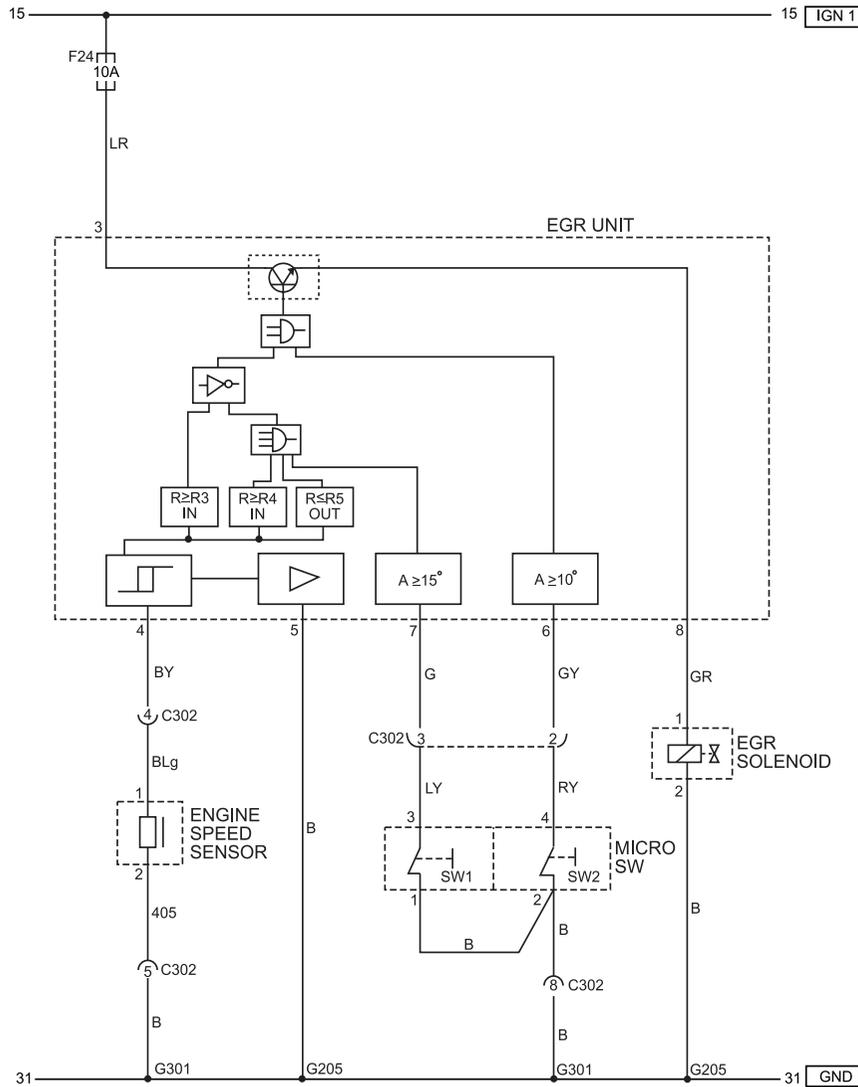
**d. JOINT**

J202



## 4. EGR (EXHAUST GAS RECIRCULATION) SYSTEM

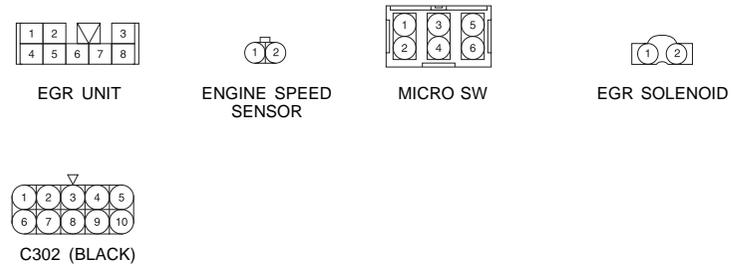
### 1) MANUAL TRANSMISSION



### a. CONNECTOR INFORMATION

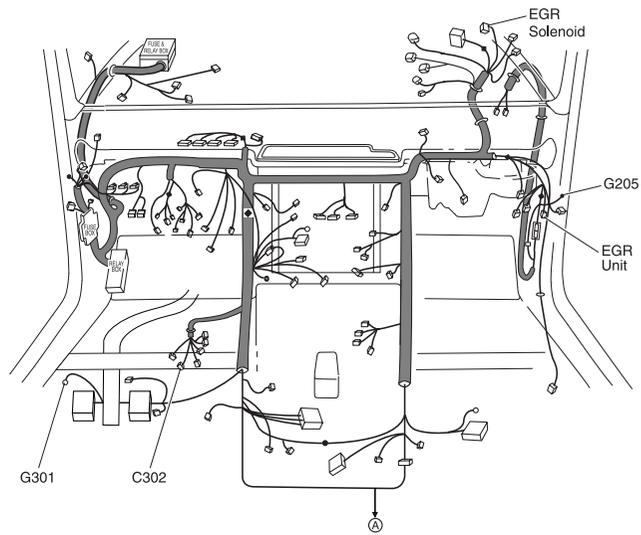
| CONNECTOR (NUMBER)  | CONNECTING WIRING HARNESS   | CONNECTOR POSITION            |
|---------------------|-----------------------------|-------------------------------|
| C302 (10Pin, Black) | W/H Main - W/H Transmission | Upper Transfer Case           |
| G205                | W/H Main                    | Center "A" Pillar Front Right |
| G301                | W/H Main                    | Below Front Left Seat         |

### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

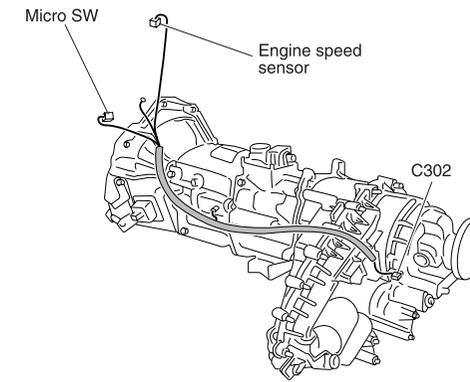


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN



- W/H TRANSMISSION (MANUAL TRANSMISSION)

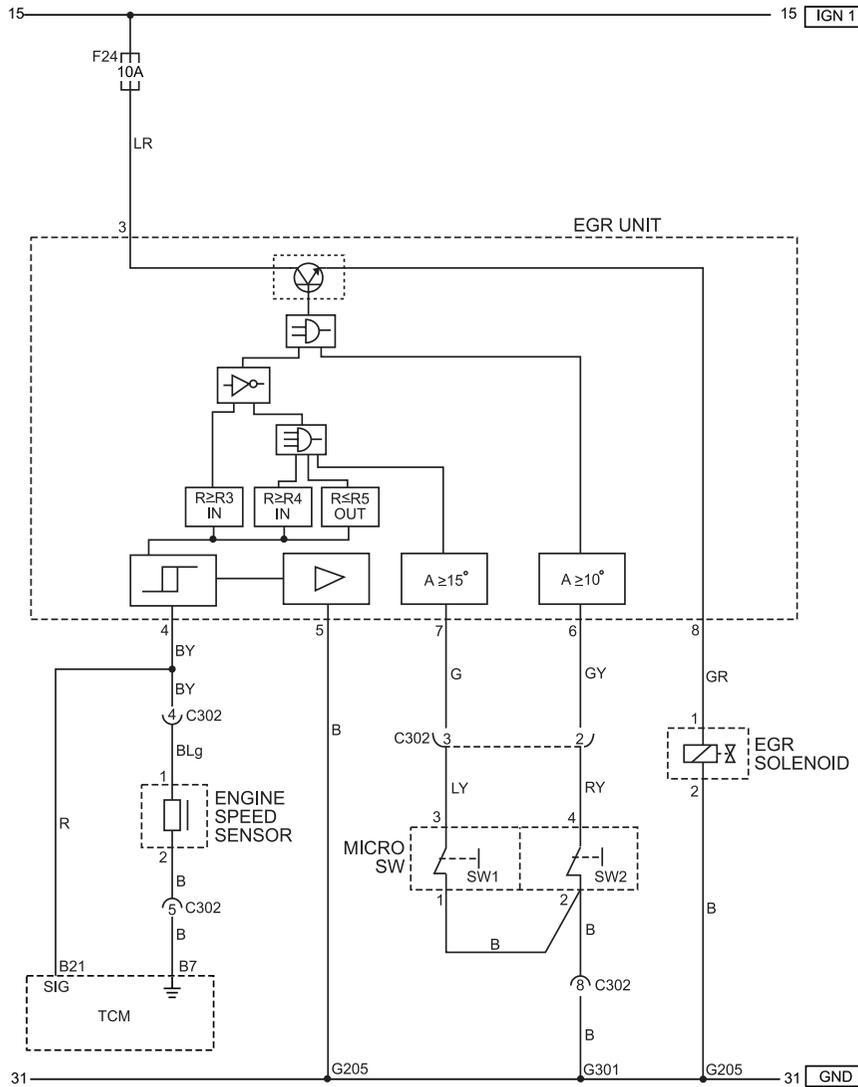
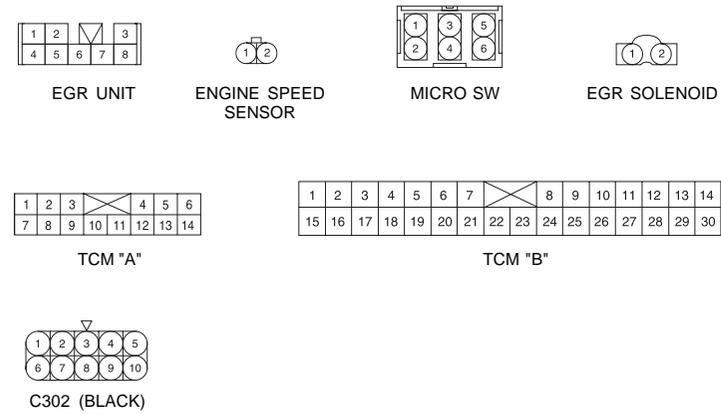


2) AUTOMATIC TRANSMISSION

a. CONNECTOR INFORMATION

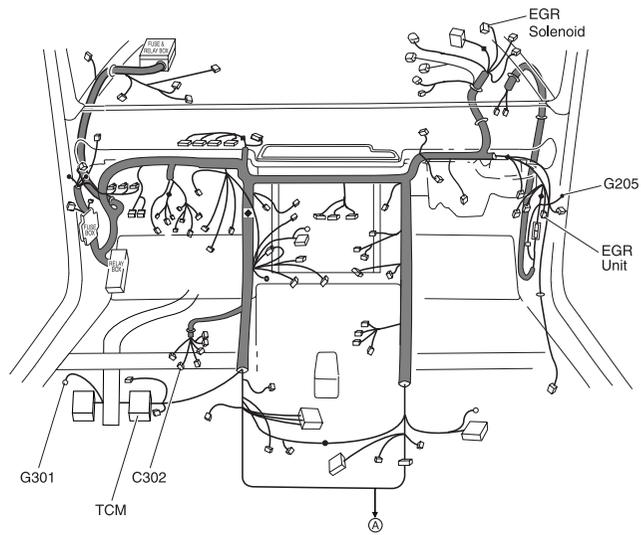
| CONNECTOR(NUMBER)   | CONNECTING. WIRING HARNESS  | CONNECTOR POSITION            |
|---------------------|-----------------------------|-------------------------------|
| C302 (10Pin, Black) | W/H Main - W/H Transmission | Upper Transfer Case           |
| G205                | W/H Main                    | Center "A" Pillar Front Right |
| G301                | W/H Main                    | Below Front Left Seat         |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

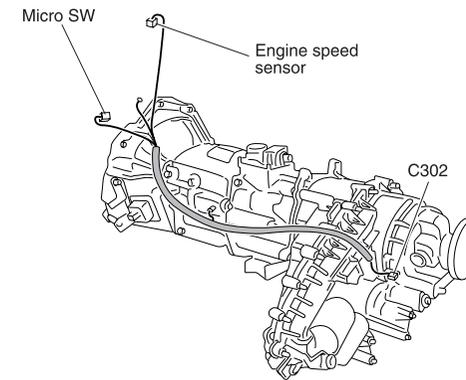


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

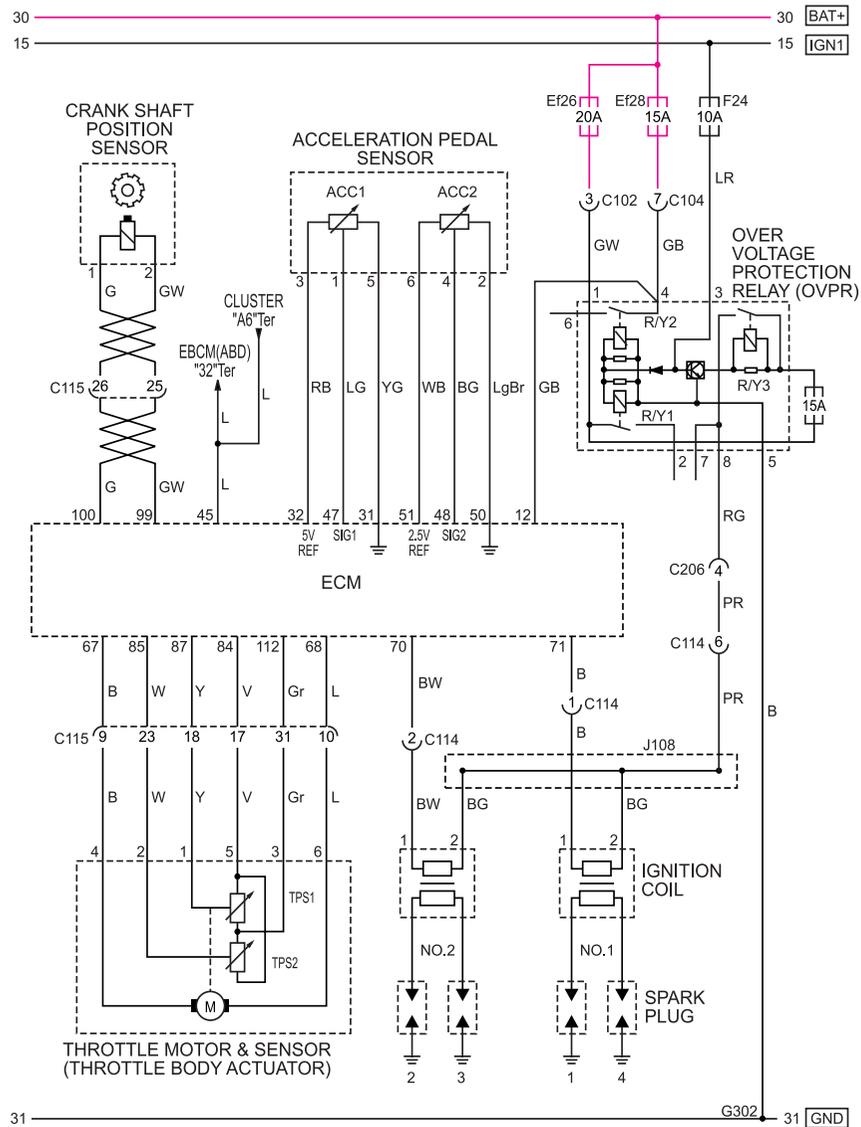


- W/H TRANSMISSION (MANUAL TRANSMISSION)



### 5. ECM (ELECTRONIC CONTROL MODULE) : E23 MSE

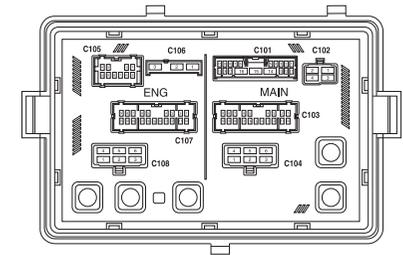
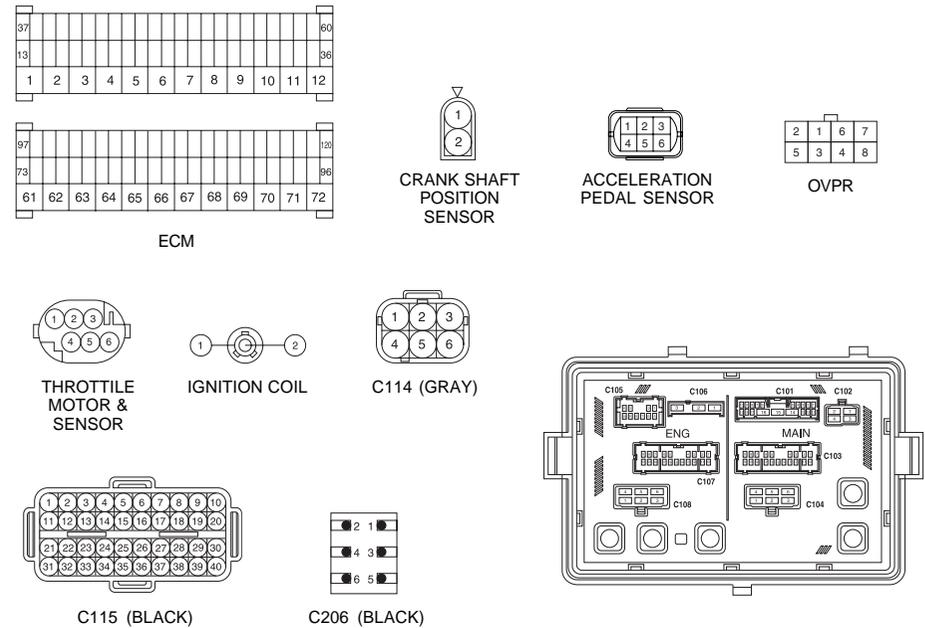
#### 1) SENSOR (CRANK SHAFT POSITION, ACCELERATION PEDAL), THROTTLE MOTOR & SENSOR, IGNITION COIL & SPARK PLUG



#### a. CONNECTOR INFORMATION

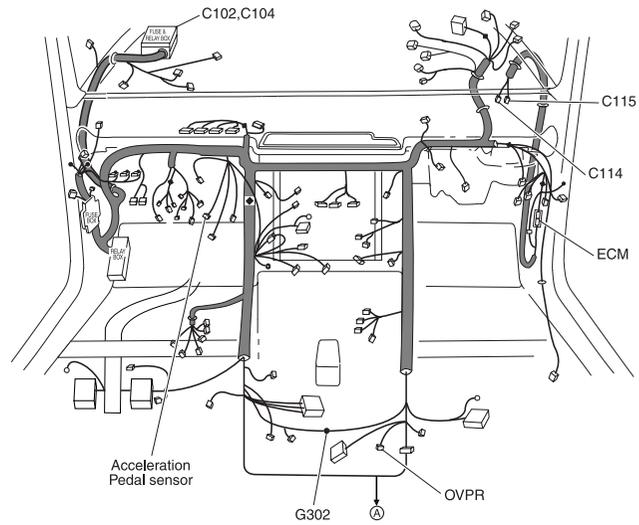
| CONNECTOR (NUMBER)     | CONNECTING WIRING HARNESS         | CONNECTOR POSITION                    |
|------------------------|-----------------------------------|---------------------------------------|
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box                  |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box                  |
| C114 (6Pin, Gray)      | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit                 |
| C115 (2Pin, Black)     | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit                 |
| C206 (6Pin, Black)     | W/H Main - W/H ECM Main           | Lower "A" Piller (Upper ECM)          |
| J108                   | W/H Engine Control                | Upper Injector #4 (4CYL) or #6 (6CYL) |
| G302                   | W/H Main                          | Below Center Console                  |

#### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



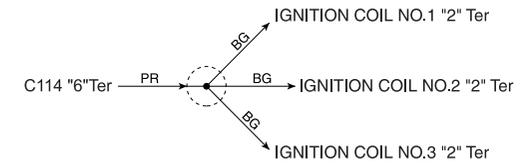
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN



**d. JOINT**

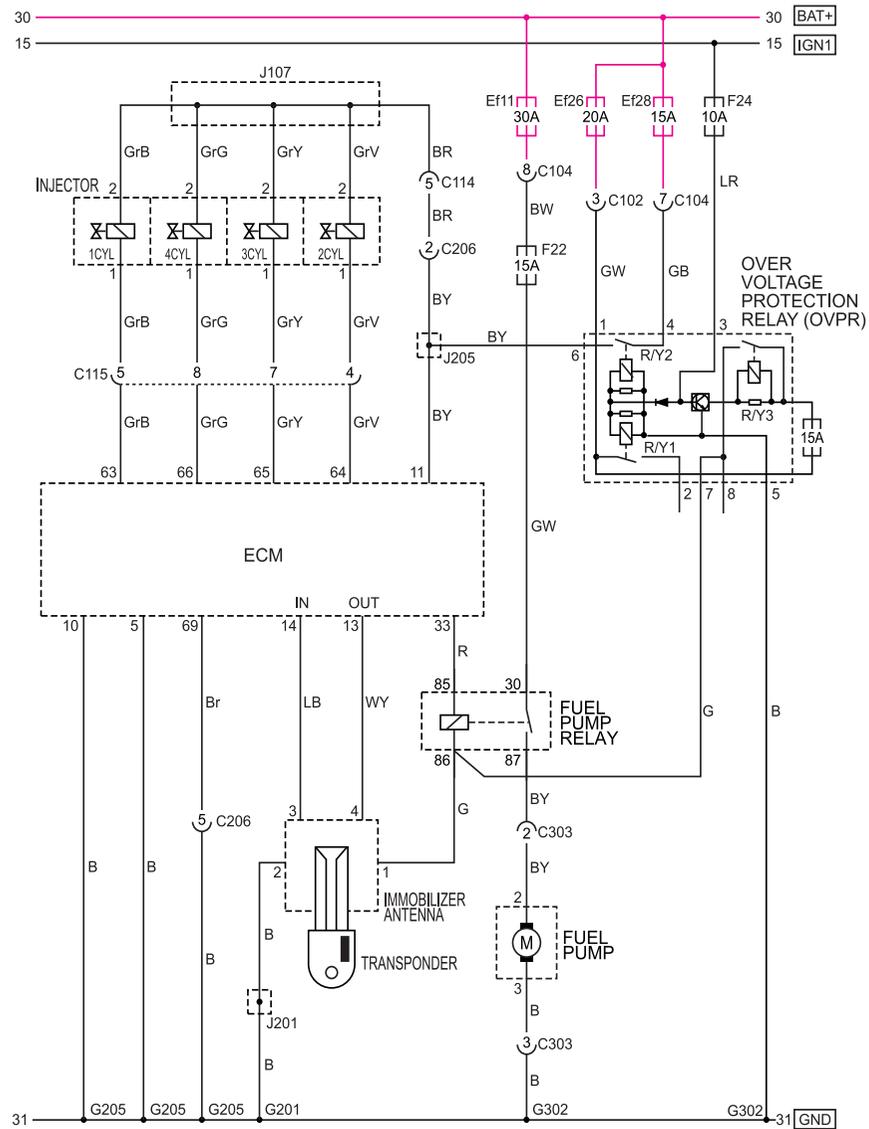
**J108**



5-24 ELECTRICAL WIRING DIAGRAMS

2) INJECTOR, FUEL PUMP RELAY, FUEL PUMP, IMMOBILIZER

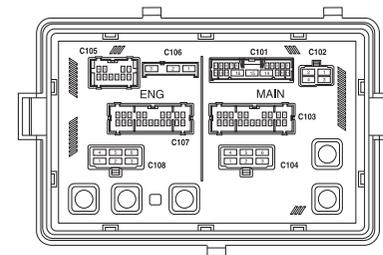
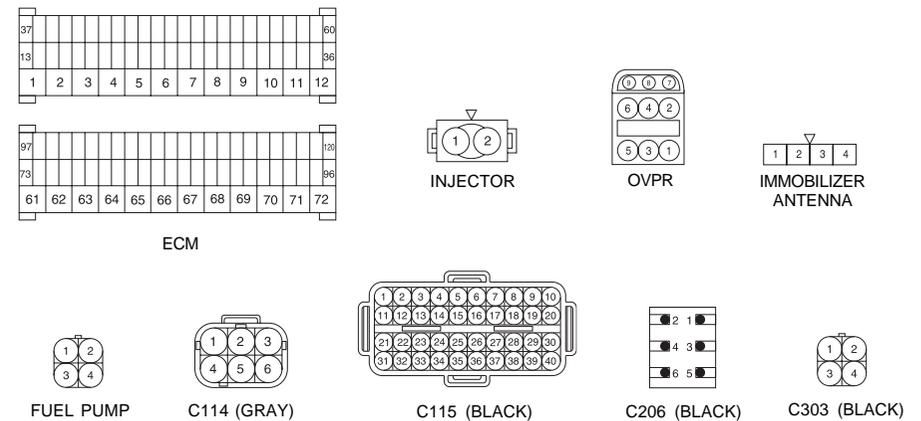
(1) W/O EURO III



a. CONNECTOR INFORMATION

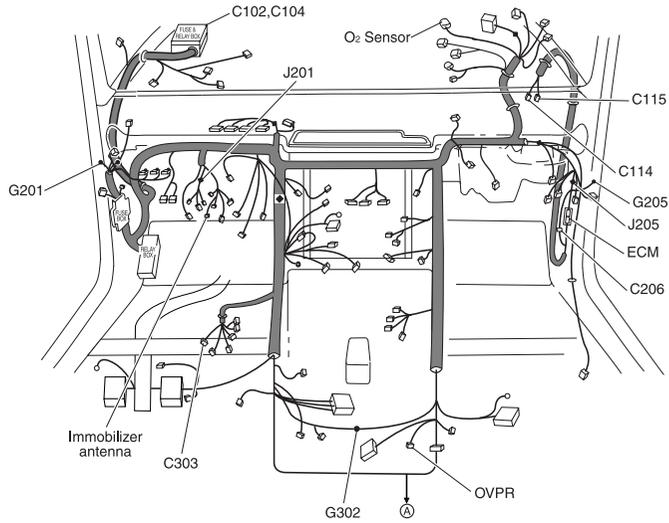
| CONNECTOR (NUMBER)     | CONNECTING WIRING HARNESS         | CONNECTOR POSITION            |
|------------------------|-----------------------------------|-------------------------------|
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box          |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box          |
| C114 (6Pin, Gray)      | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit         |
| C115 (40Pin, Black)    | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit         |
| C206 (6Pin, Black)     | W/H Main - W/H ECM Main           | Lower "A" Piller (Upper ECM)  |
| C303 (4Pin, Black)     | W/H Main - W/H Fuel Pump          | Upper Transfer Case           |
| J107                   | W/H Engine Control                | Next to Yellow Label          |
| J205                   | W/H Main                          | Behind Front Right Kick Panel |
| G201                   | W/H Main                          | Upper Front Left Leg Room     |
| G205                   | W/H Main                          | Center "A" Piller Front Right |
| G302                   | W/H Main                          | Below Center Console          |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



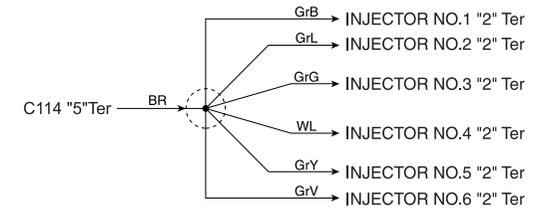
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

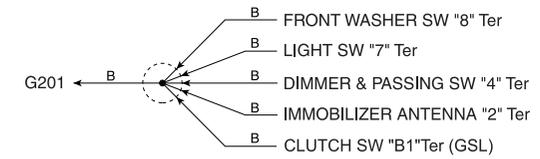


**d. JOINT**

**J107**

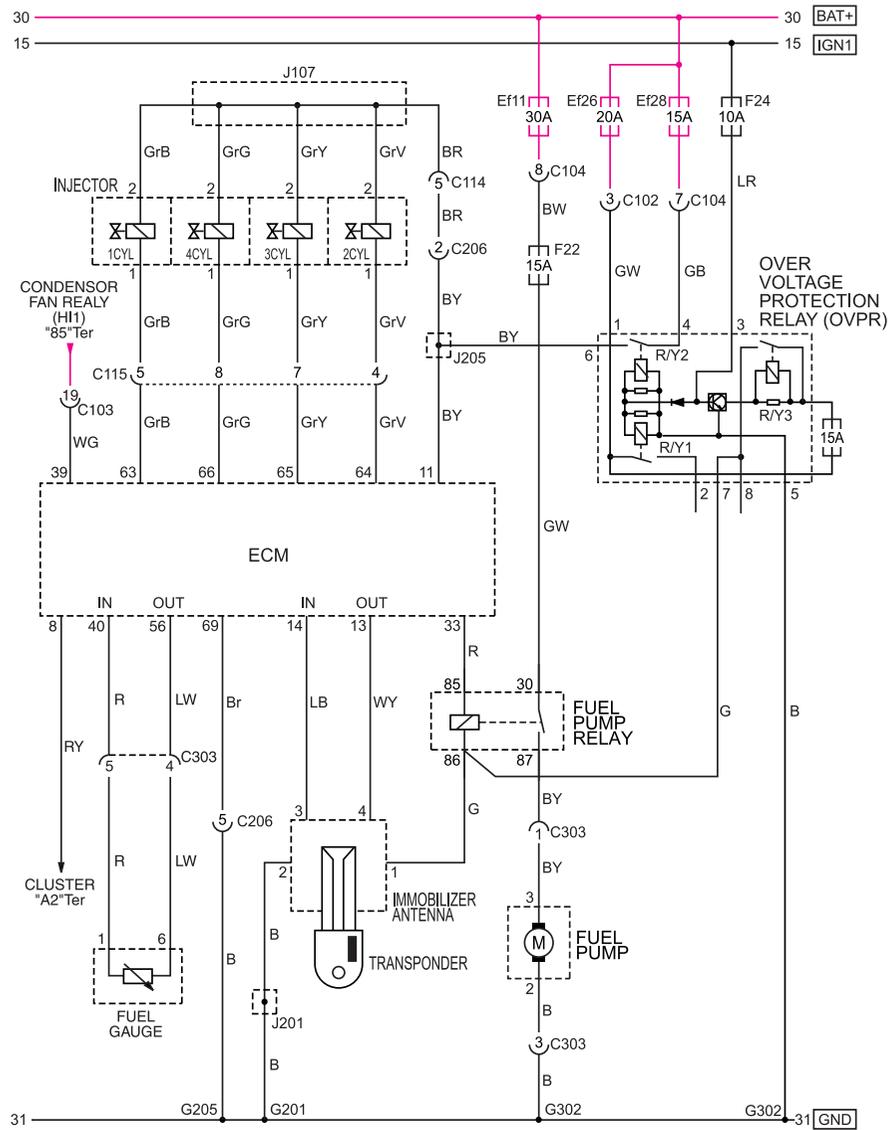


**J201**



5-26 ELECTRICAL WIRING DIAGRAMS

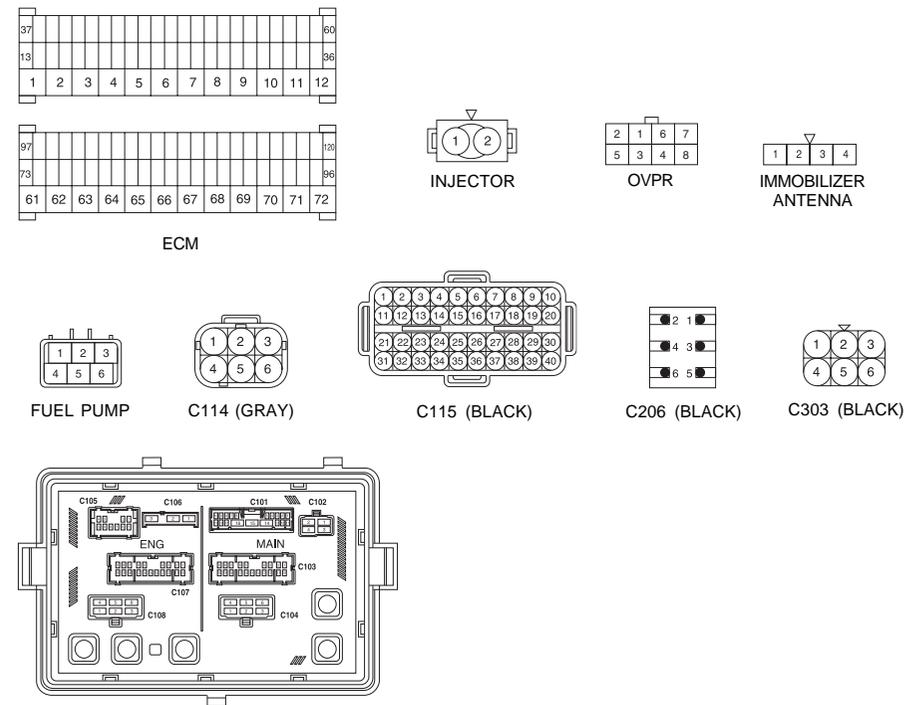
(2) W/ EURO III



a. CONNECTOR INFORMATION

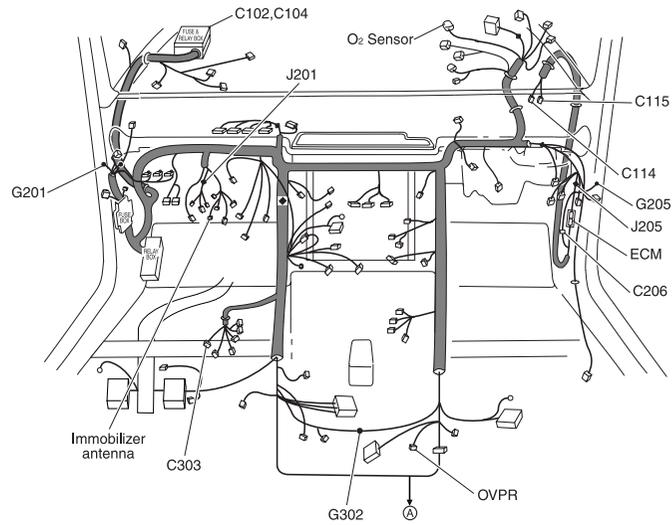
| CONNECTOR (NUMBER)     | CONNECTING WIRING HARNESS         | CONNECTOR POSITION            |
|------------------------|-----------------------------------|-------------------------------|
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box          |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box          |
| C114 (6Pin, Gray)      | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit         |
| C115 (40Pin, Black)    | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit         |
| C206 (6Pin, Black)     | W/H Main - W/H ECM Main           | Lower "A" Piller (Upper ECM)  |
| C303 (6Pin, Black)     | W/H Main - W/H Fuel Pump          | Upper Transfer Case           |
| J107                   | W/H Engine Control                | Next to Yellow Label          |
| J205                   | W/H Main                          | Behind Front Right Kick Panel |
| G201                   | W/H Main                          | Upper Front Left Leg Room     |
| G205                   | W/H Main                          | Center "A" Piller Front Right |
| G302                   | W/H Main                          | Below Center Console          |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



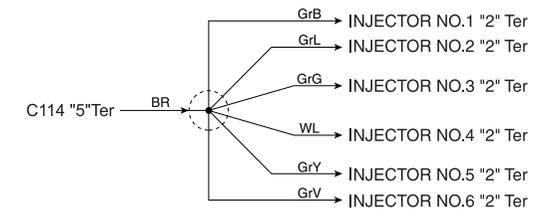
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

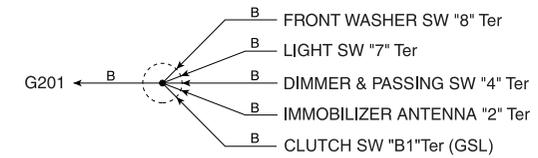


**d. JOINT**

**J107**

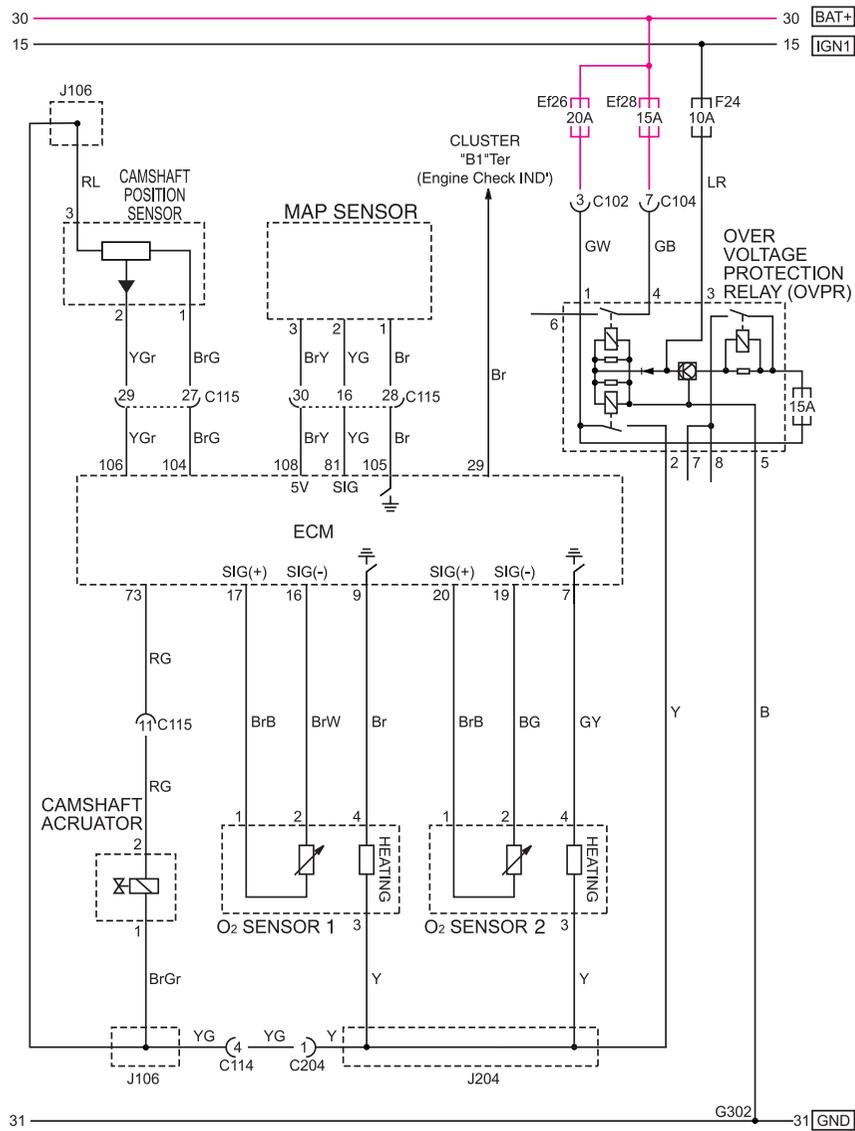


**J201**



3) SENSOR (CAM SHAFT POSITION, AIR FLOW, O<sub>2</sub>), CAM SHAFT ACTUATOR

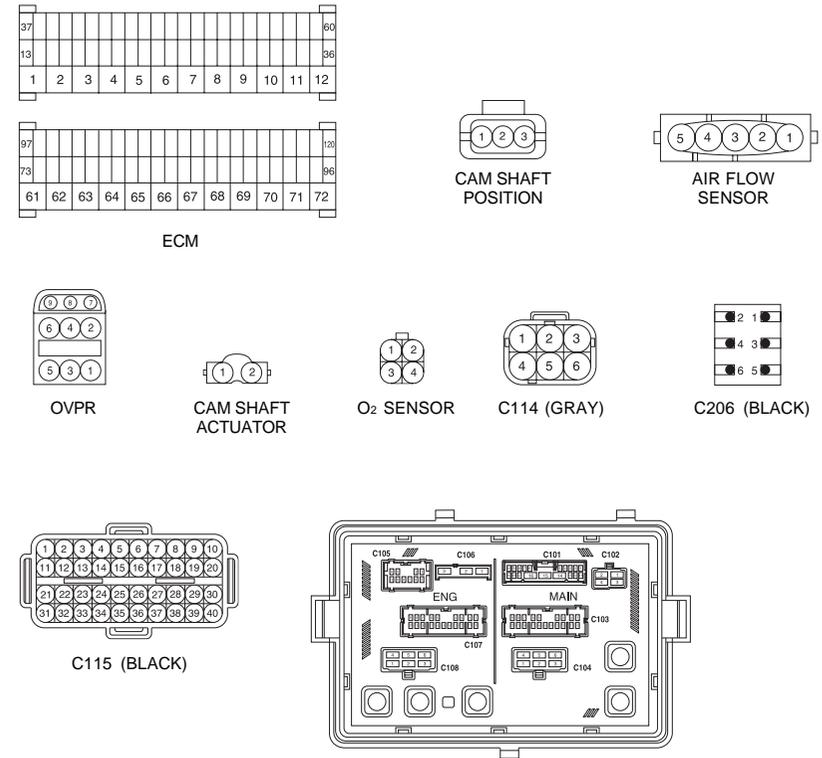
(1) W/O EURO III



a. CONNECTOR INFORMATION

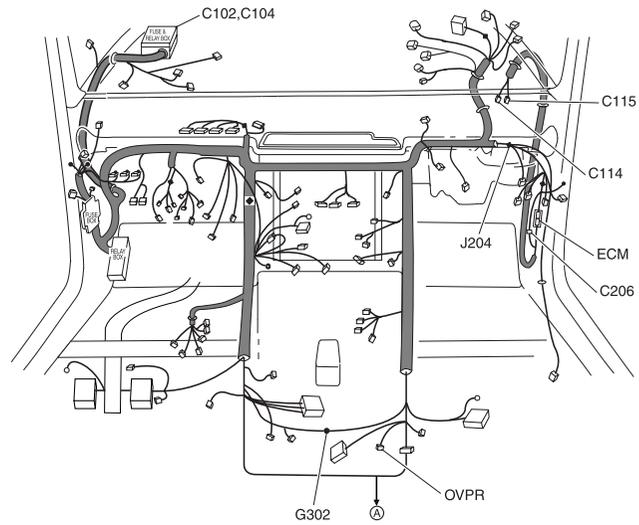
| CONNECTOR (NUMBER)     | CONNECTING WIRING HARNESS         | CONNECTOR POSITION           |
|------------------------|-----------------------------------|------------------------------|
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box         |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box         |
| C114 (6Pin, Gray)      | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit        |
| C115 (40Pin, Black)    | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit        |
| C206 (6Pin, Black)     | W/H Main - W/H ECM Main           | Lower "A" Piller (Upper ECM) |
| J106                   | W/H Engine Control                | Behind Hydraulic Unit        |
| J204                   | W/H Main                          | Upper Blower Unit            |
| G302                   | W/H Main                          | Below Center Console         |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



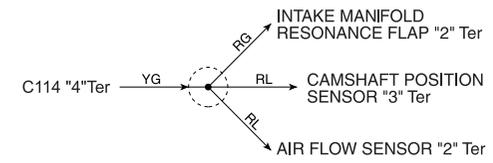
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

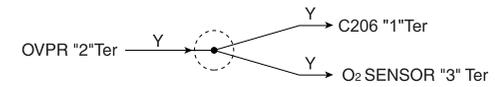


**d. JOINT**

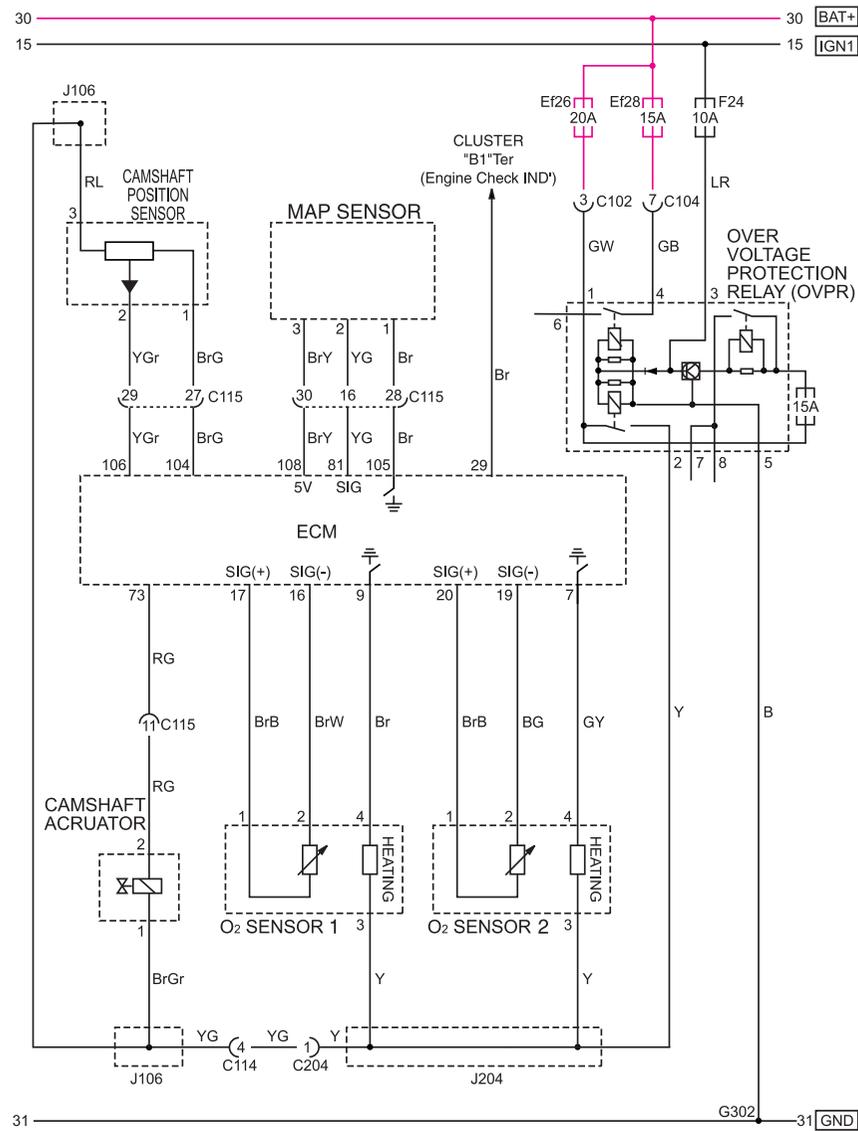
**J106**



**J204**



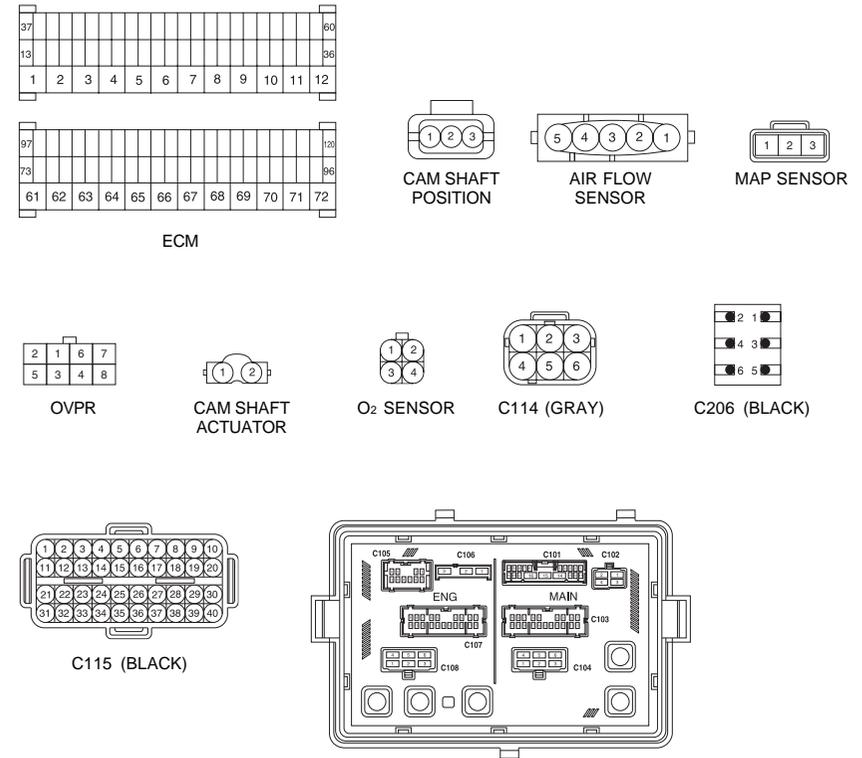
(2) W/ EURO III



a. CONNECTOR INFORMATION

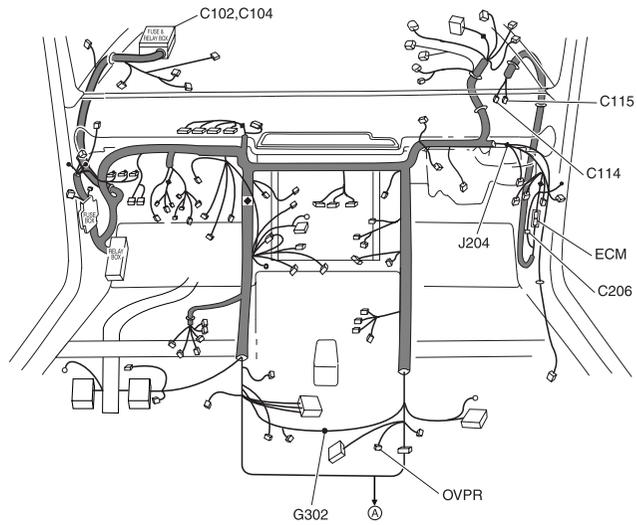
| CONNECTOR (NUMBER)     | CONNECTING WIRING HARNESS         | CONNECTOR POSITION           |
|------------------------|-----------------------------------|------------------------------|
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box         |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box         |
| C114 (6Pin, Gray)      | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit        |
| C115 (40Pin, Black)    | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit        |
| C206 (6Pin, Black)     | W/H Main - W/H ECM Main           | Lower "A" Piller (Upper ECM) |
| J106                   | W/H Engine Control                | Behind Hydraulic Unit        |
| J204                   | W/H Main                          | Upper Blower Unit            |
| G302                   | W/H Main                          | Below Center Console         |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



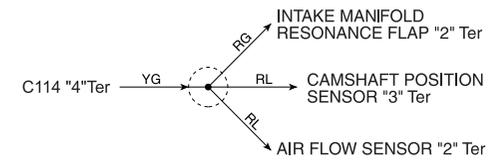
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

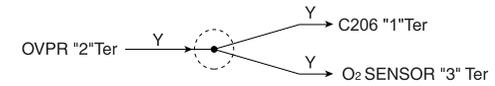


**d. JOINT**

**J106**

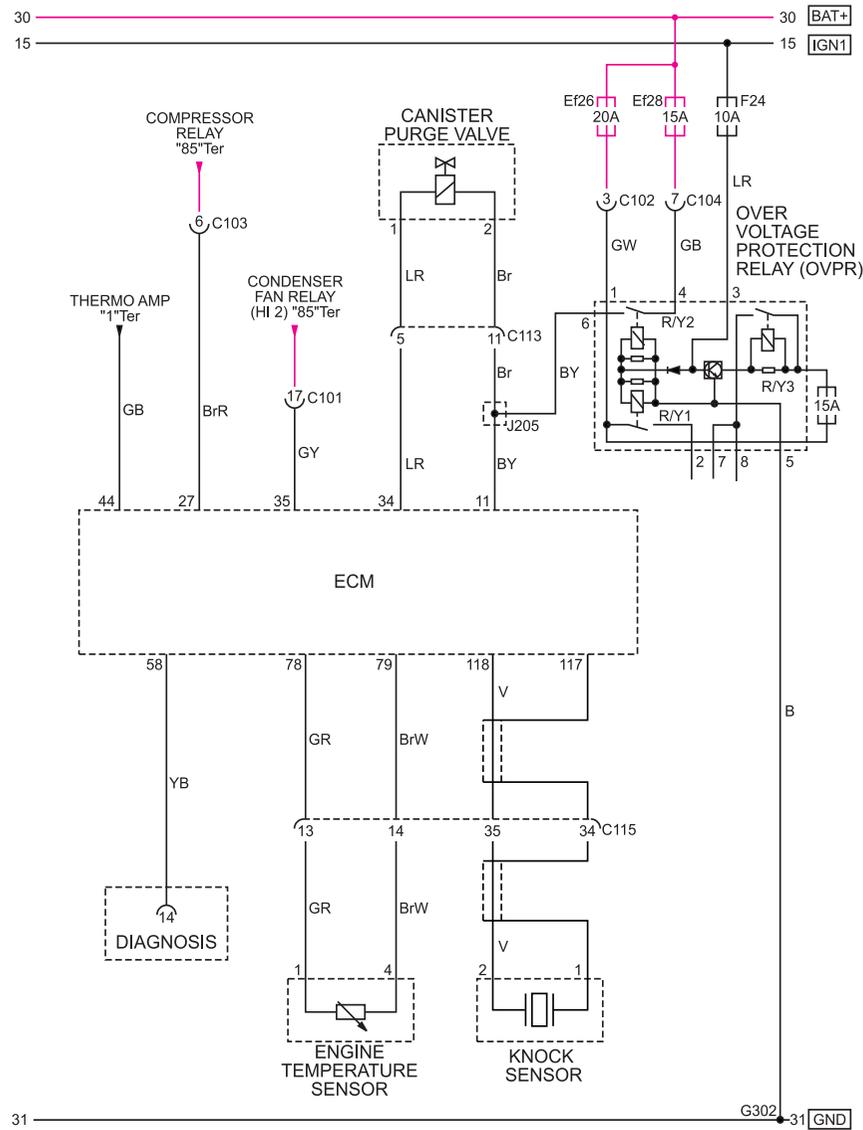


**J204**



4) SENSOR (ENGINE TEMPERATURE, KNOCK), CANISTER PURGE VALVE, DIAGNOSIS

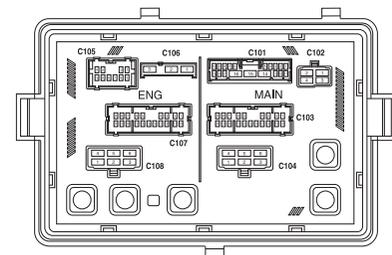
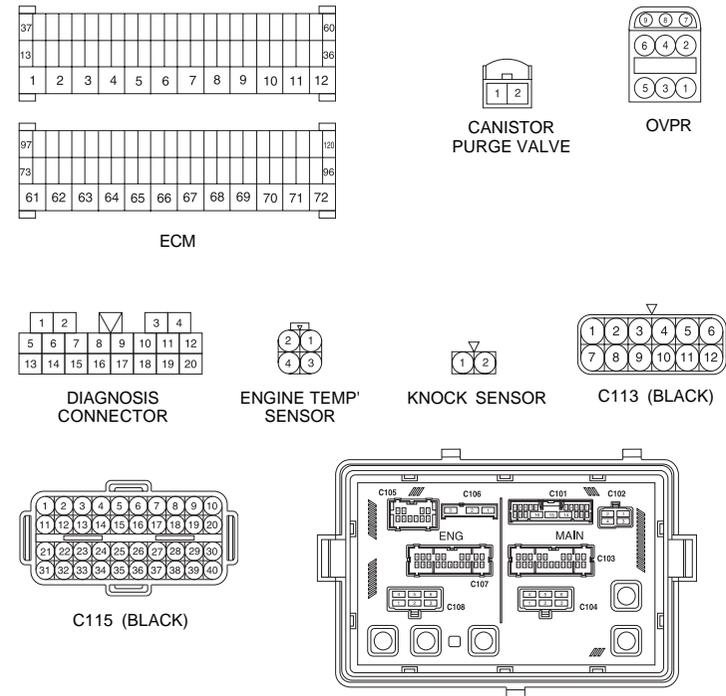
(1) W/O EURO III



a. CONNECTOR INFORMATION

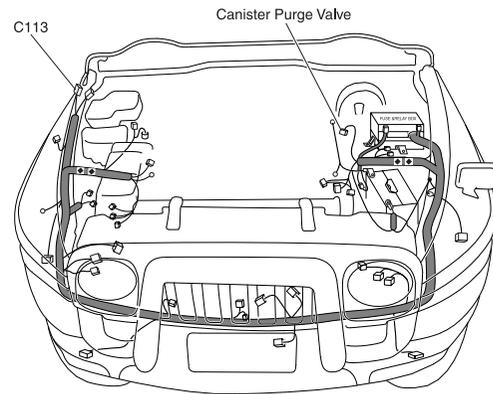
| CONNECTOR (NUMBER)     | CONNECTING. WIRING HARNESS        | CONNECTOR POSITION     |
|------------------------|-----------------------------------|------------------------|
| C101 (19Pin, White)    | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box   |
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box   |
| C103 (22Pin, White)    | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box   |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box   |
| C113 (12Pin, Black)    | W/H Engine Room - W/H Main        | Next to Hydraulic Unit |
| C115 (40Pin, Black)    | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit  |
| J205                   | W/H Main                          | Below Center Console   |
| G302                   | W/H Main                          |                        |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



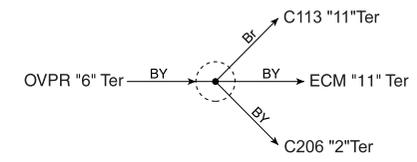
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H ENGINE ROOM

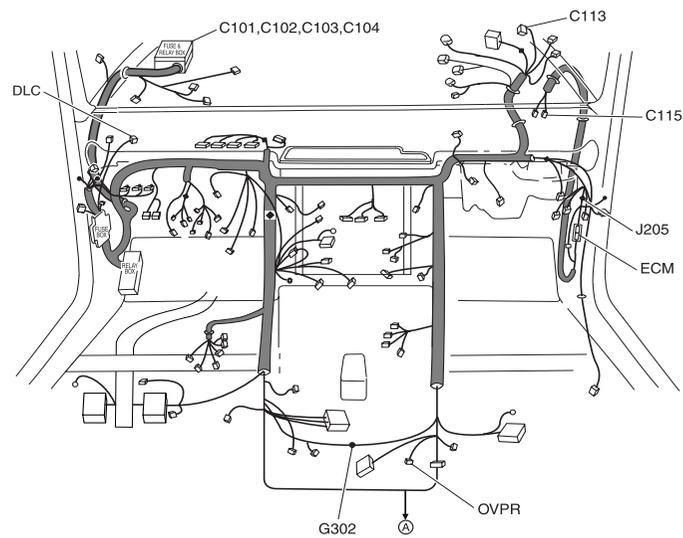


**d. JOINT**

**J205**

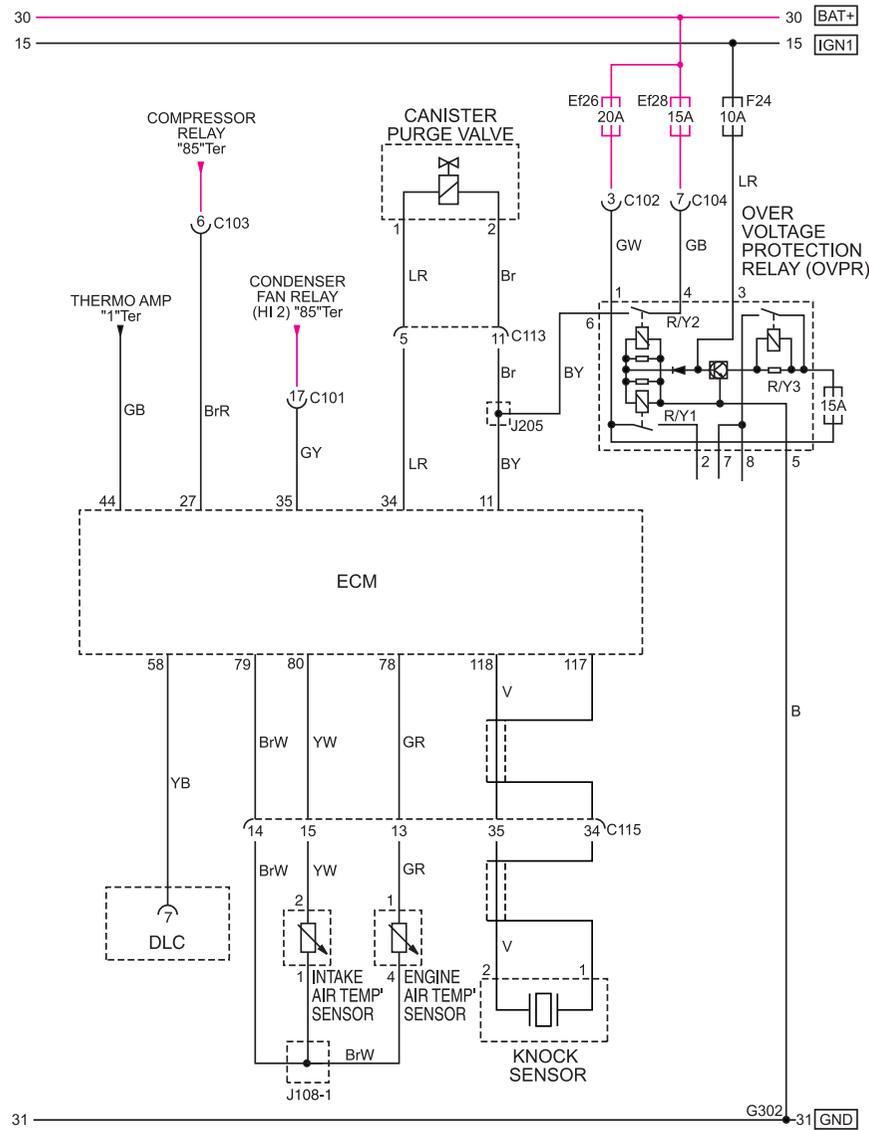


- W/H MAIN



# 5-34 ELECTRICAL WIRING DIAGRAMS

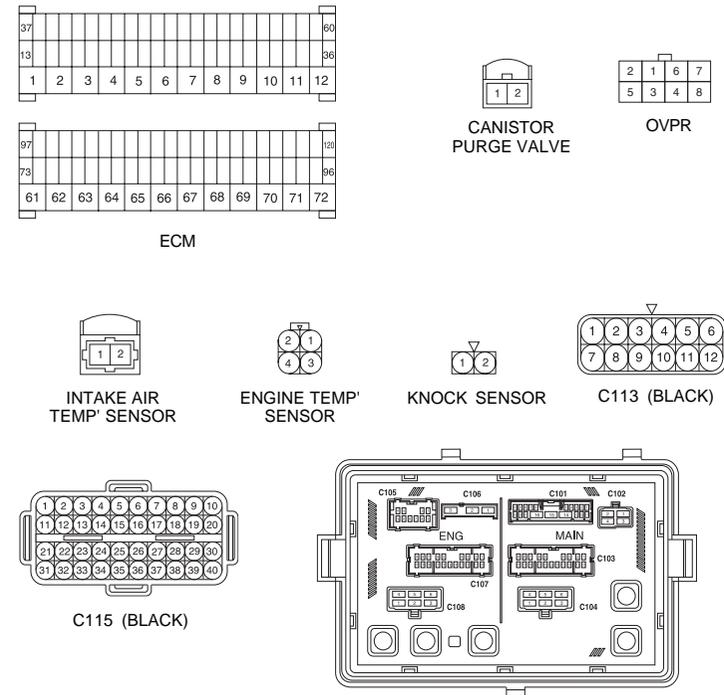
## (2) W/ EURO III



## a. CONNECTOR INFORMATION

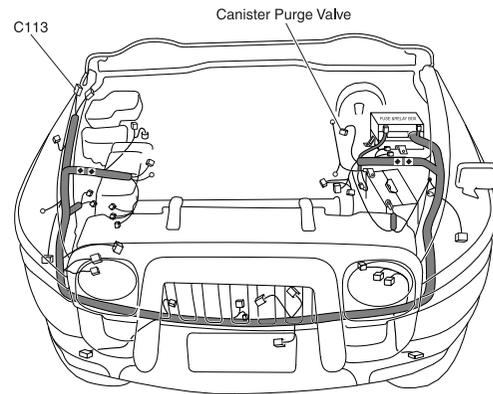
| CONNECTOR (NUMBER)     | CONNECTING WIRING HARNESS         | CONNECTOR POSITION     |
|------------------------|-----------------------------------|------------------------|
| C101 (19Pin, White)    | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box   |
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box   |
| C103 (22Pin, White)    | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box   |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box   |
| C113 (12Pin, Black)    | W/H Engine Room - W/H Main        | Next to Hydraulic Unit |
| C115 (40Pin, Black)    | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit  |
| J205                   | W/H Main                          | Below Center Console   |
| G302                   | W/H Main                          |                        |

## b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



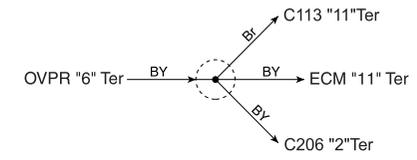
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H ENGINE ROOM

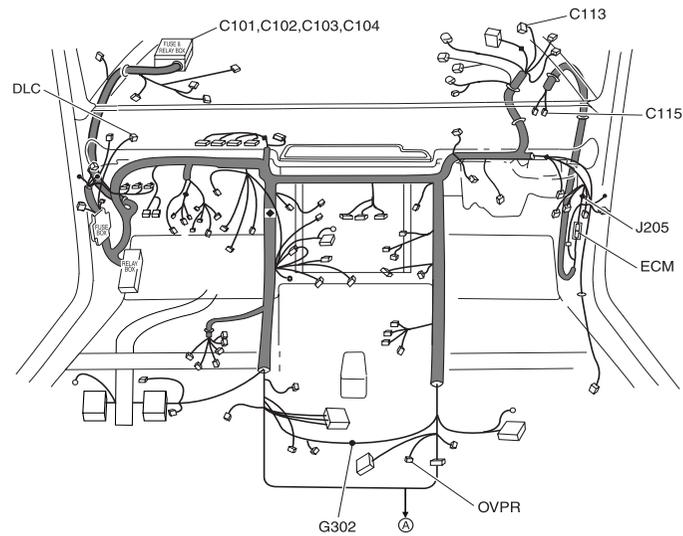


**d. JOINT**

**J205**

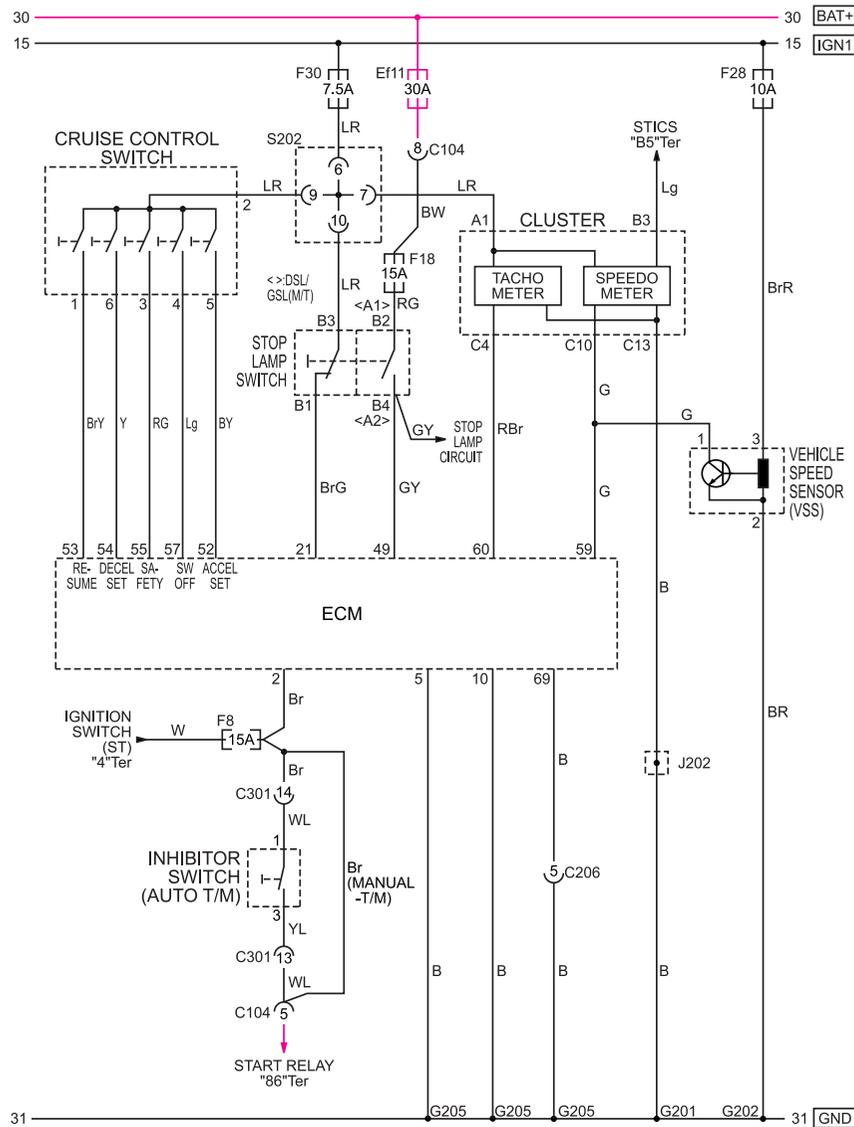


- W/H MAIN



**5-36 ELECTRICAL WIRING DIAGRAMS**

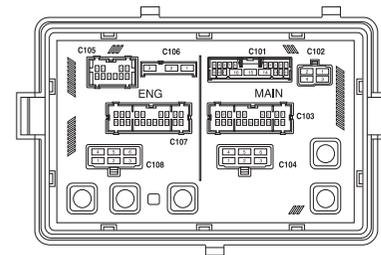
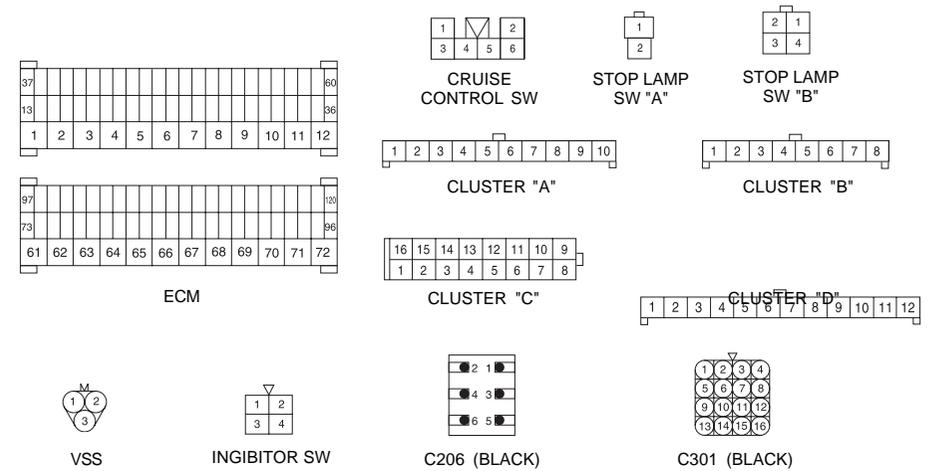
**5) VEHICLE SPEED SENSOR, SWITCH (CRUISE CONTROL, STOP LAMP, INHIBITOR, CLUTCH)**



**a. CONNECTOR INFORMATION**

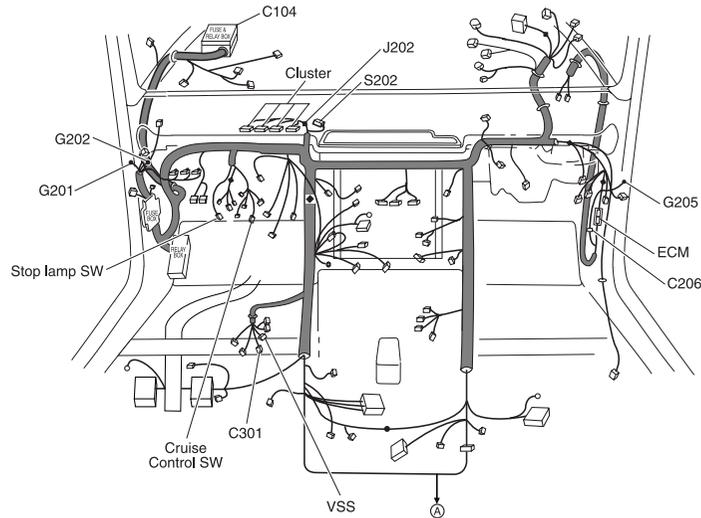
| CONNECTOR (NUMBER)     | CONNECTING WIRING HARNESS       | CONNECTOR POSITION            |
|------------------------|---------------------------------|-------------------------------|
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box          |
| C206 (6Pin, Black)     | W/H Main - W/H ECM Main         | Lower "A" Piller (Upper ECM)  |
| C301 (16Pin, Black)    | W/H Main - W/H Transmission     | Upper Transfer Case           |
| S202 (20Pin, Black)    | W/H Main                        | Behind Cluster                |
| J202                   | W/H Main                        | Behind Cluster                |
| G201                   | W/H Main                        | Upper Front Left Leg Room     |
| G202                   | W/H Main                        | Upper Front Left Leg Room     |
| G205                   | W/H Main                        | Center "A" Piller Front Right |

**b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION**

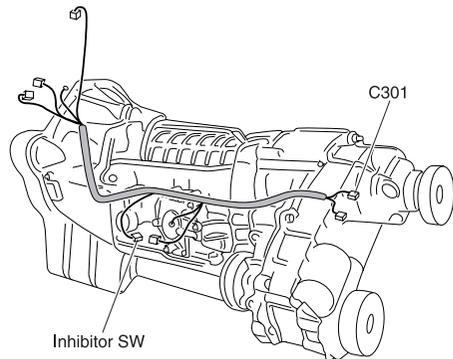


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

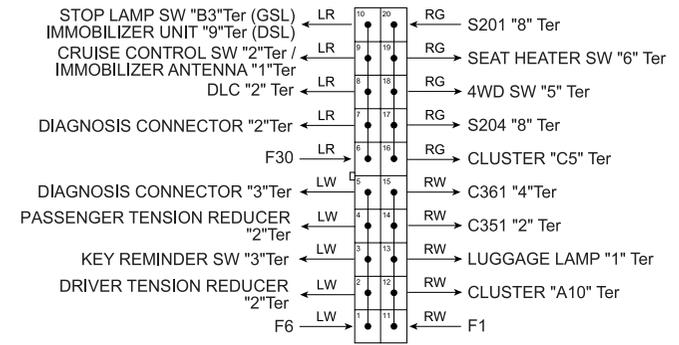


- W/H TRANSMISSION (AUTOMATIC TRANSMISSION)



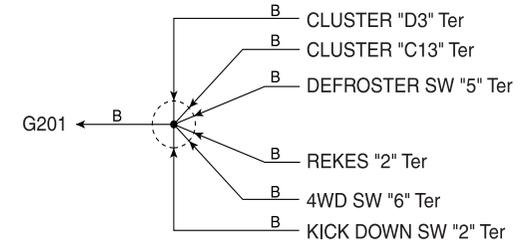
**d. SPLICE PACK**

**S202 (BLACK)**



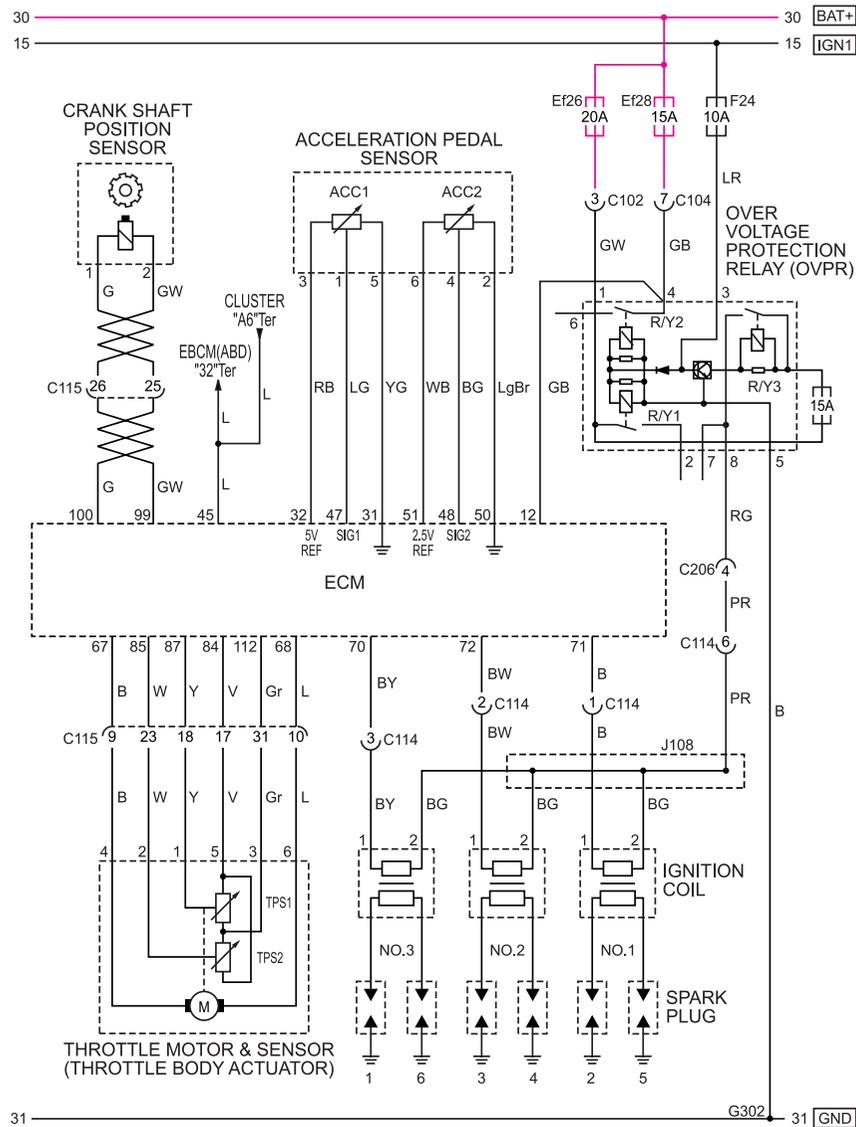
**e. JOINT**

**J202**



### 6. ECM (ELECTRONIC CONTROL MODULE) : E32 MSE

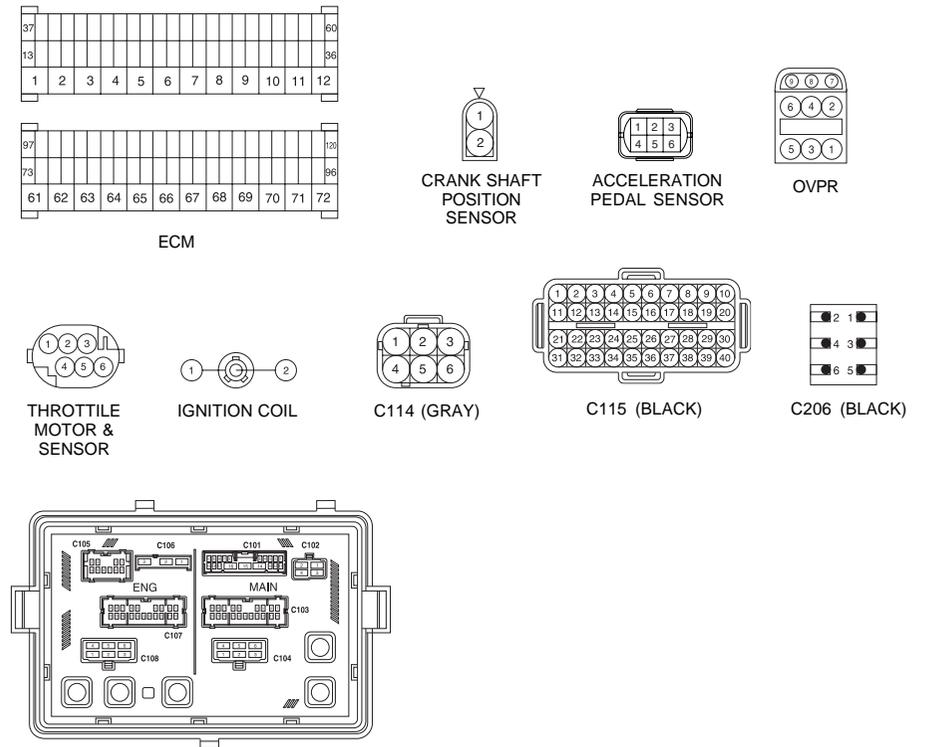
#### 1) SENSOR (CRANK SHAFT POSITION, ACCELERATION PEDAL), THROTTLE MOTOR & SENSOR IGNITION COIL & SPARK PLUG



#### a. CONNECTOR INFORMATION

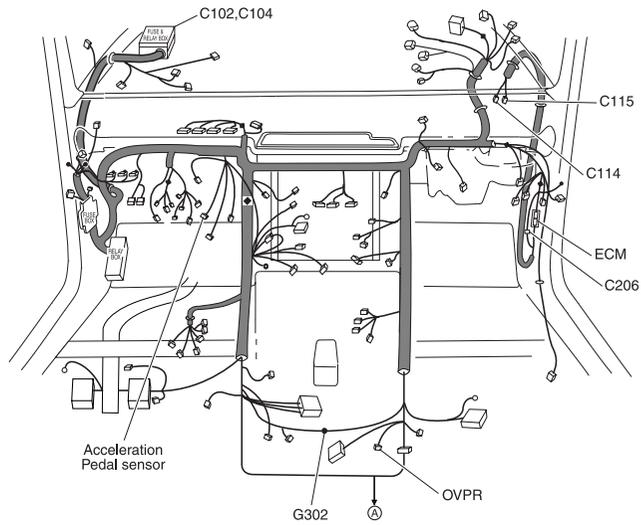
| CONNECTOR (NUMBER)     | CONNECTING WIRING HARNESS         | CONNECTOR POSITION                    |
|------------------------|-----------------------------------|---------------------------------------|
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box                  |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box                  |
| C114 (6Pin, Gray)      | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit                 |
| C115 (4Pin, Black)     | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit                 |
| C206 (6Pin, Black)     | W/H Main - W/H ECM Main           | Lower "A" Piller (Upper ECM)          |
| J108                   | W/H Engine Control                | Upper Injector #4 (4CYL) or #6 (6CYL) |
| G302                   | W/H Main                          | Below Center Console                  |

#### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

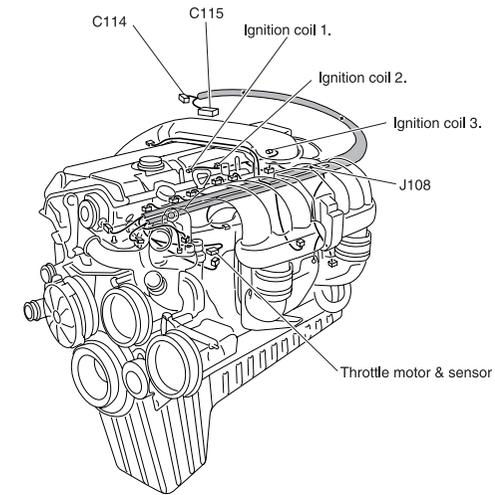


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

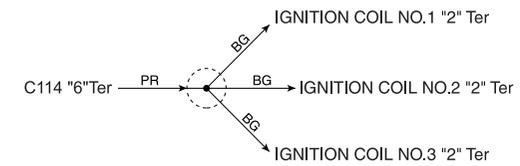


- W/H ENGINE CONTROL (GASOLINE)



**d. JOINT**

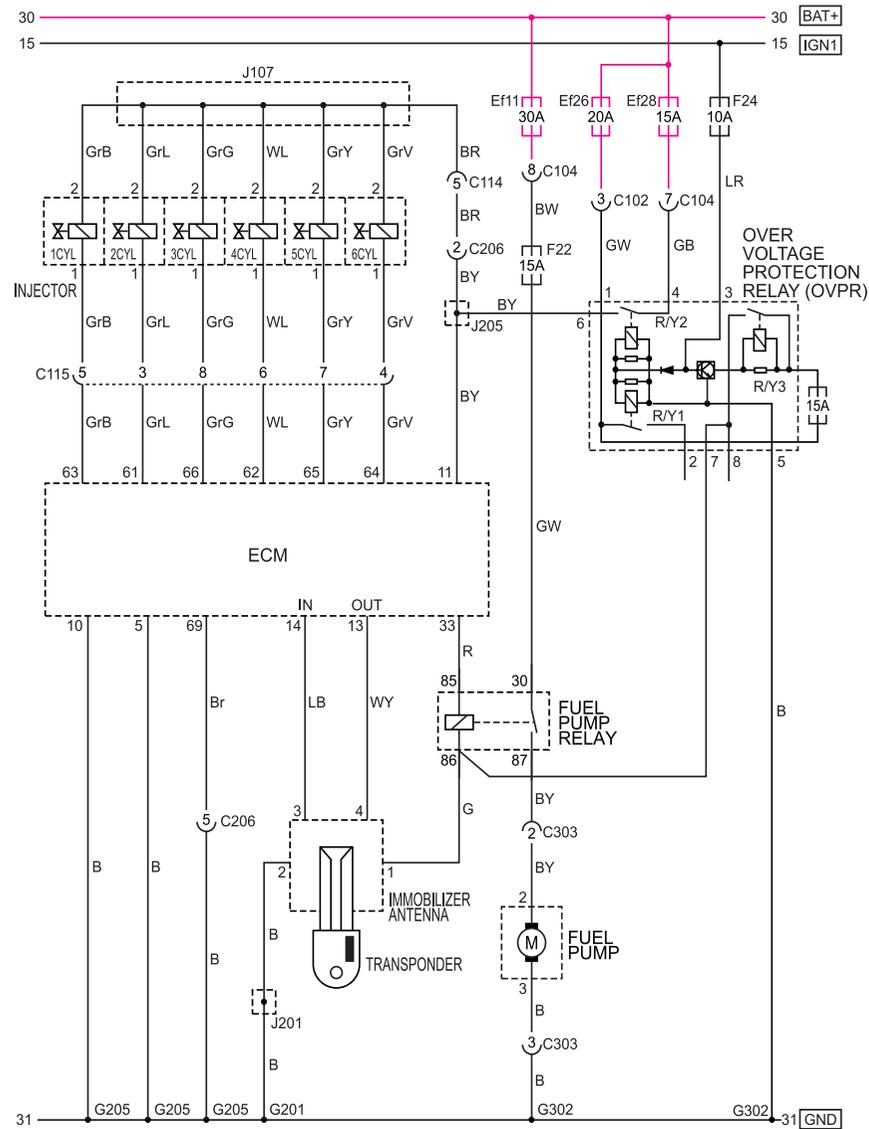
**J108**



## 5-40 ELECTRICAL WIRING DIAGRAMS

### 2) INJECTOR, FUEL PUMP RELAY, FUEL PUMP, IMMOBILIZER

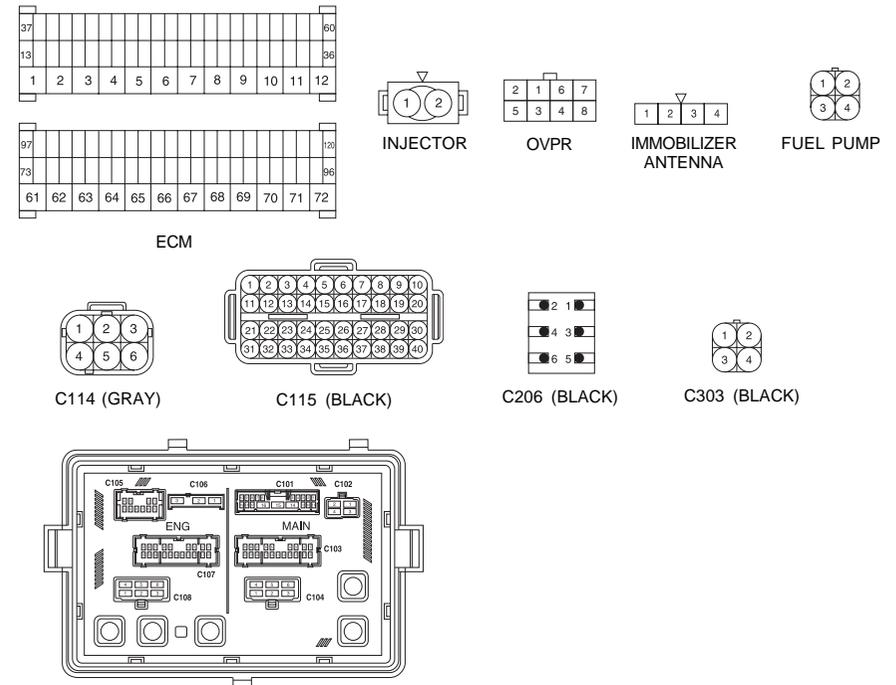
(1) W/O EURO III



### a. CONNECTOR INFORMATION

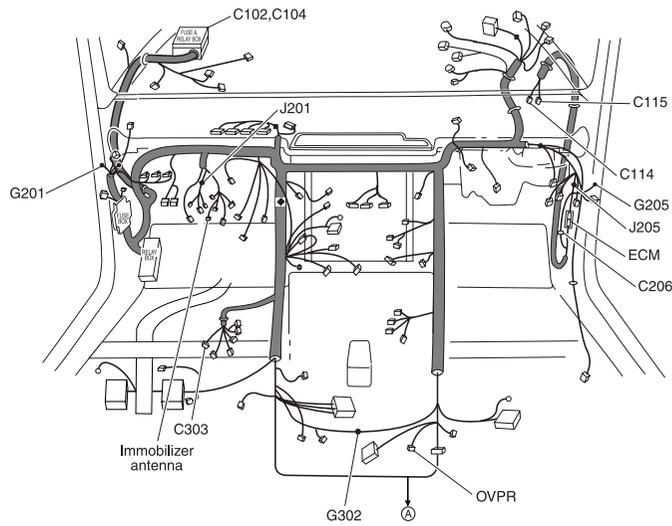
| CONNECTOR (NUMBER)     | CONNECTING WIRING HARNESS         | CONNECTOR POSITION            |
|------------------------|-----------------------------------|-------------------------------|
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box          |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box          |
| C114 (6Pin, Gray)      | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit         |
| C115 (40Pin, Black)    | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit         |
| C206 (6Pin, Black)     | W/H Main - W/H ECM Main           | Lower "A" Piller (Upper ECM)  |
| C303 (3Pin, Black)     | W/H Main - W/H Fuel Pump          | Upper Transfer Case           |
| J107                   | W/H Engine Control                | Next to Yellow Label          |
| J201                   | W/H Main                          | Above FRT LH Seat Unit Cover  |
| J205                   | W/H Main                          | Behind Front Right Kick Panel |
| G201                   | W/H Main                          | Upper Front Left Leg Room     |
| G205                   | W/H Main                          | Center "A" Piller Front Right |
| G302                   | W/H Main                          | Below Center Console          |

### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

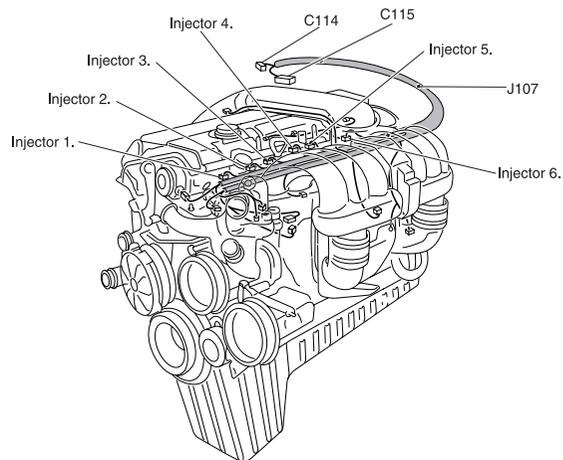


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

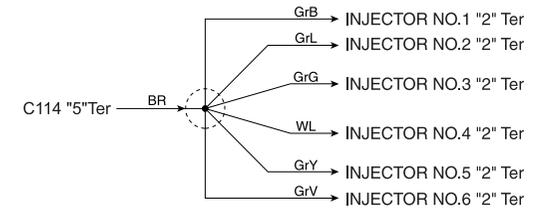


- W/H ENGINE CONTROL (GASOLINE)

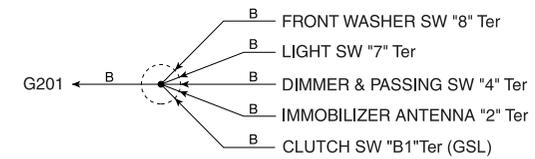


**d. JOINT**

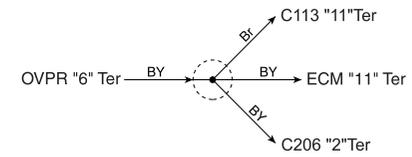
**J107**



**J201**

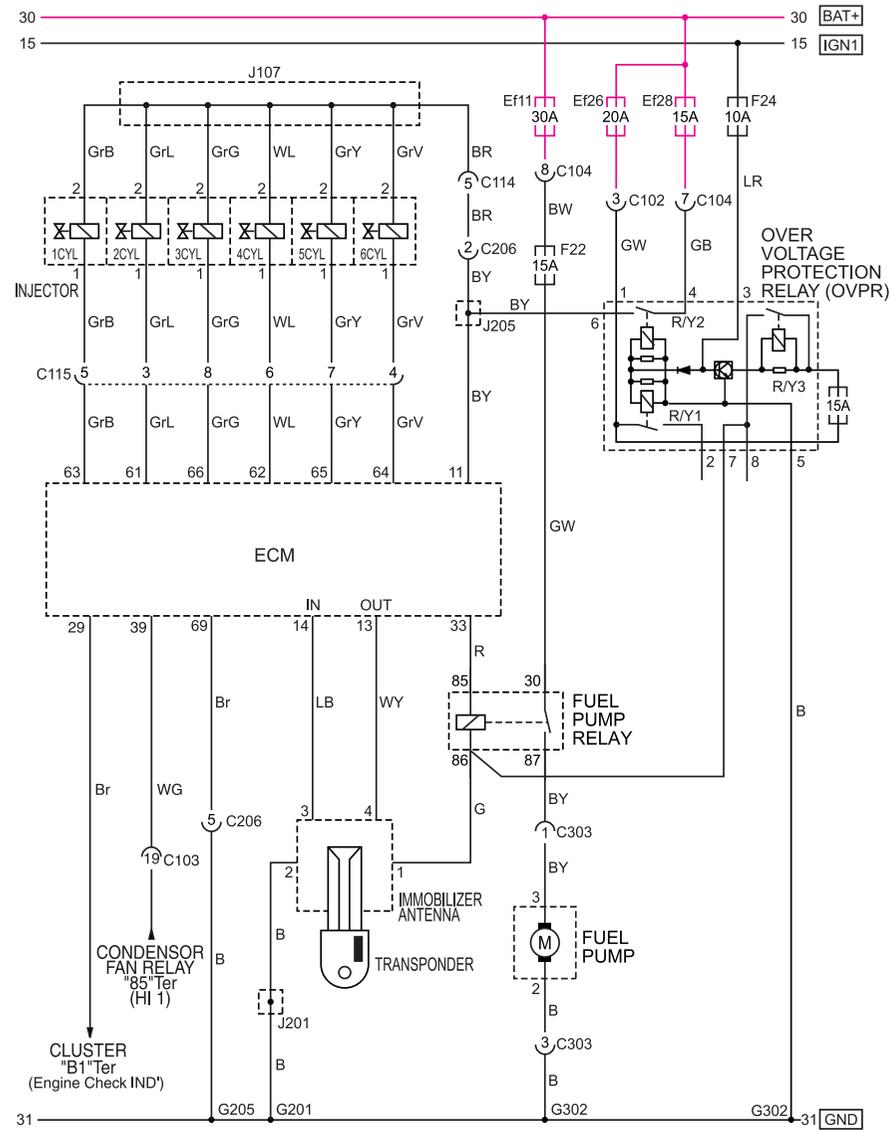


**J205**



**5-42 ELECTRICAL WIRING DIAGRAMS**

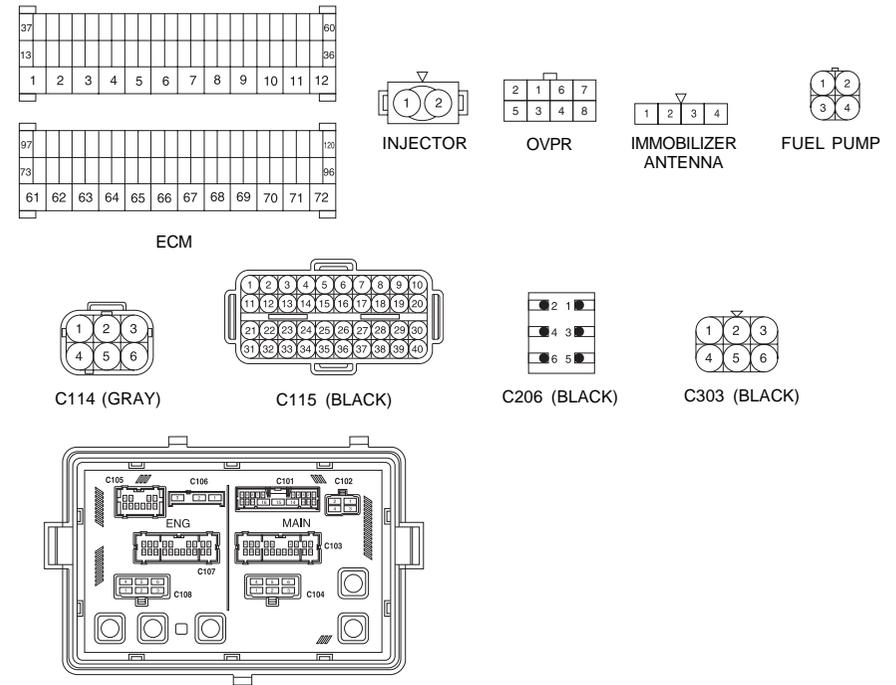
**(2) W/ EURO III**



**a. CONNECTOR INFORMATION**

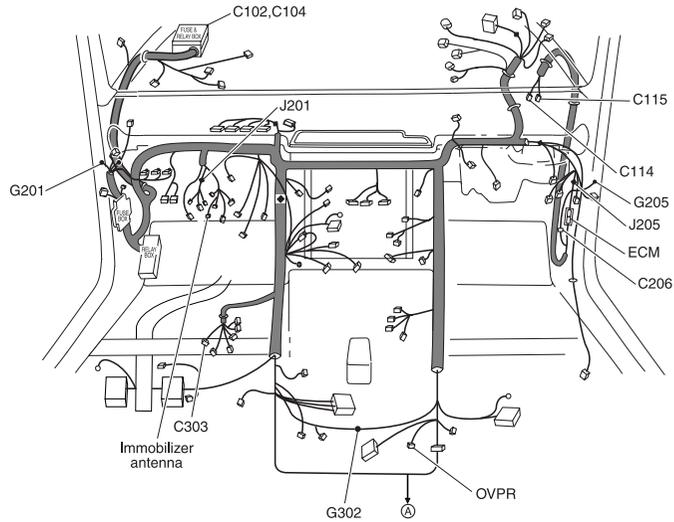
| CONNECTOR (NUMBER)     | CONNECTING WIRING HARNESS         | CONNECTOR POSITION            |
|------------------------|-----------------------------------|-------------------------------|
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box          |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box          |
| C114 (6Pin, Gray)      | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit         |
| C115 (40Pin, Black)    | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit         |
| C206 (6Pin, Black)     | W/H Main - W/H ECM Main           | Lower "A" Piller (Upper ECM)  |
| C303 (6Pin, Black)     | W/H Main - W/H Fuel Pump          | Upper Transfer Case           |
| J107                   | W/H Engine Control                | Next to Yellow Label          |
| J201                   | W/H Main                          | Above FRT LH Seat Unit Cover  |
| J205                   | W/H Main                          | Behind Front Right Kick Panel |
| G201                   | W/H Main                          | Upper Front Left Leg Room     |
| G205                   | W/H Main                          | Center "A" Piller Front Right |
| G302                   | W/H Main                          | Below Center Console          |

**b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION**

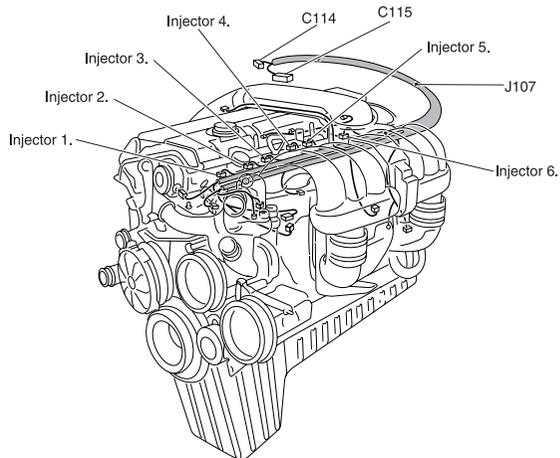


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

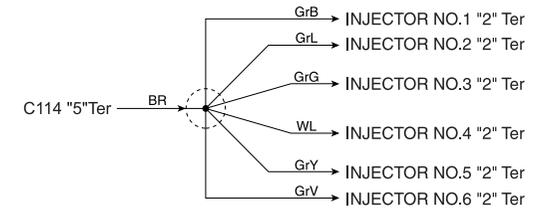


- W/H ENGINE CONTROL (GASOLINE)

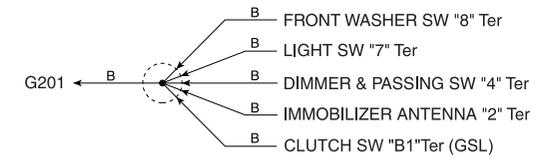


**d. JOINT**

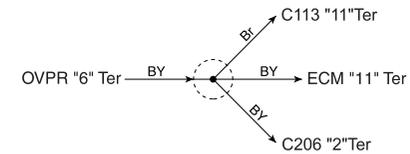
**J107**



**J201**



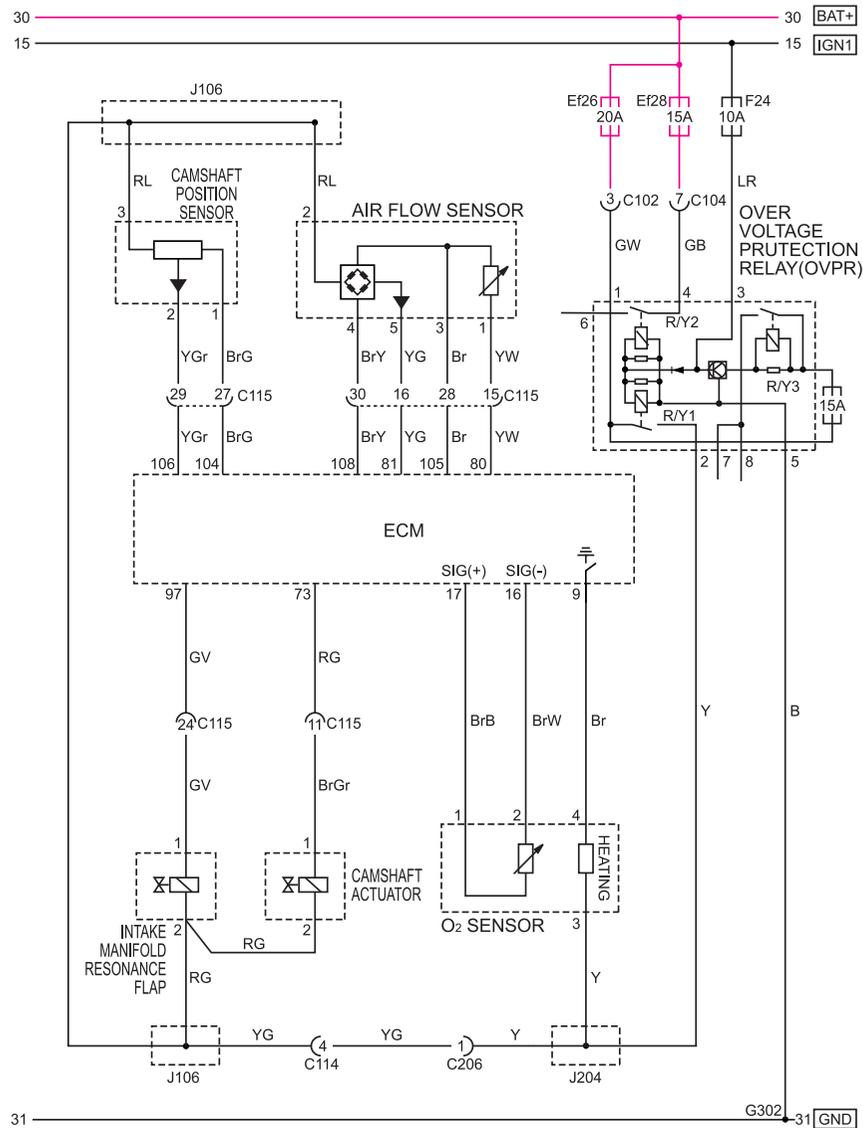
**J205**



## 5-44 ELECTRICAL WIRING DIAGRAMS

### 3) SENSOR (CAMSHAFT POSITION, AIR FLOW, O<sub>2</sub>), INTAKE MANIFOLD RESONANCE FLAP, CAMSHAFT ACTUATOR, FUEL GAUGE

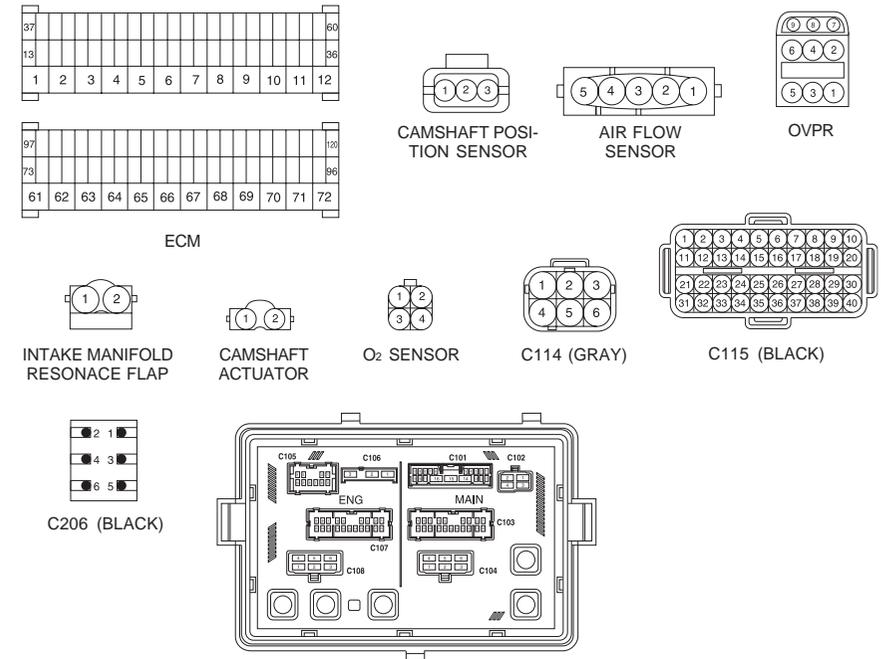
(1) W/O EURO III



#### a. CONNECTOR INFORMATION

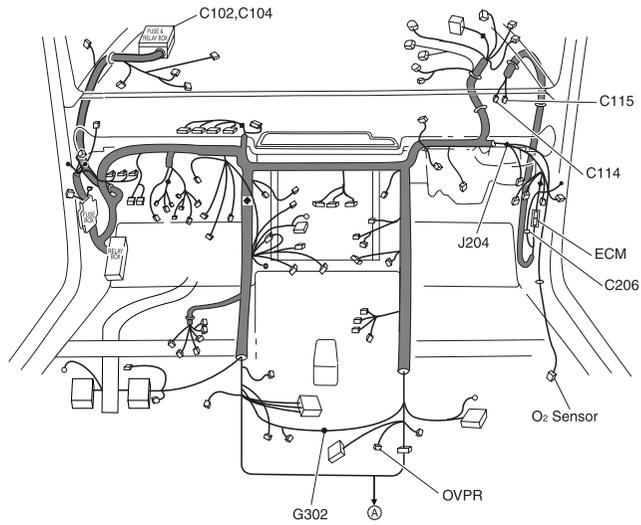
| CONNECTOR(NUMBER)      | CONNECTING WIRING HARNESS         | CONNECTOR POSITION           |
|------------------------|-----------------------------------|------------------------------|
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box         |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box         |
| C114 (6Pin, Gray)      | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit        |
| C115 (40Pin, Black)    | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit        |
| C206 (6Pin, Black)     | W/H Main - W/H ECM Main           | Lower "A" Pillar (Upper ECM) |
| J106                   | W/H Engine Control                | Behind Hydraulic Unit        |
| J204                   | W/H Main                          | Upper Blower Unit            |
| G302                   | W/H Main                          | Below Center Console         |

#### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



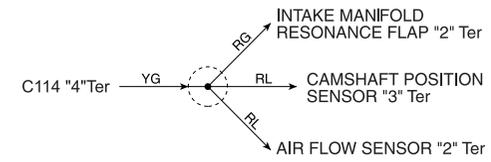
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

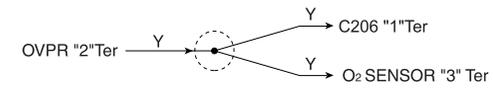


**d. JOINT**

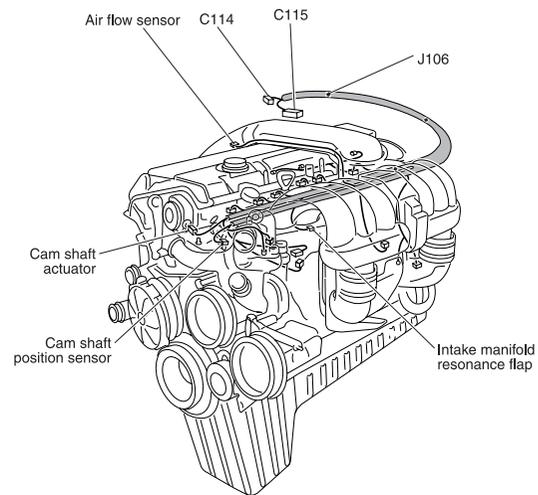
**J106**



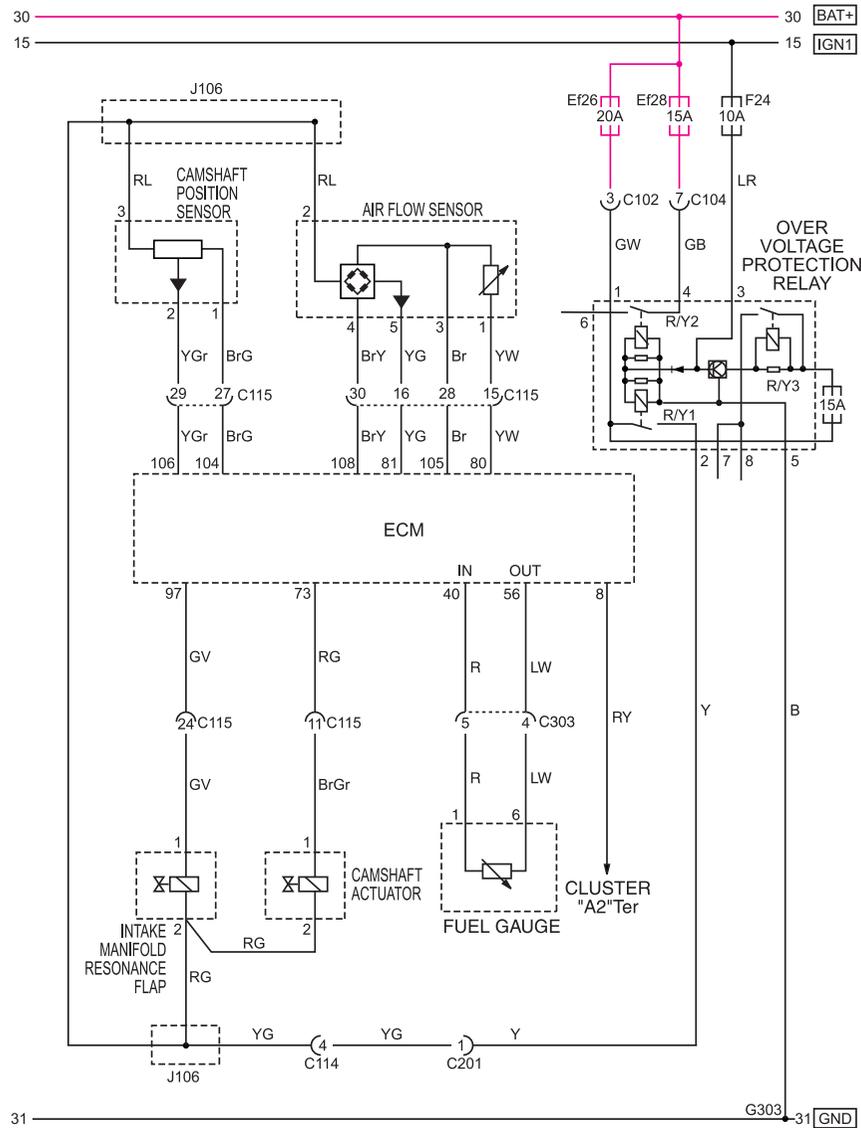
**J204**



- W/H ENGINE CONTROL (GASOLINE)



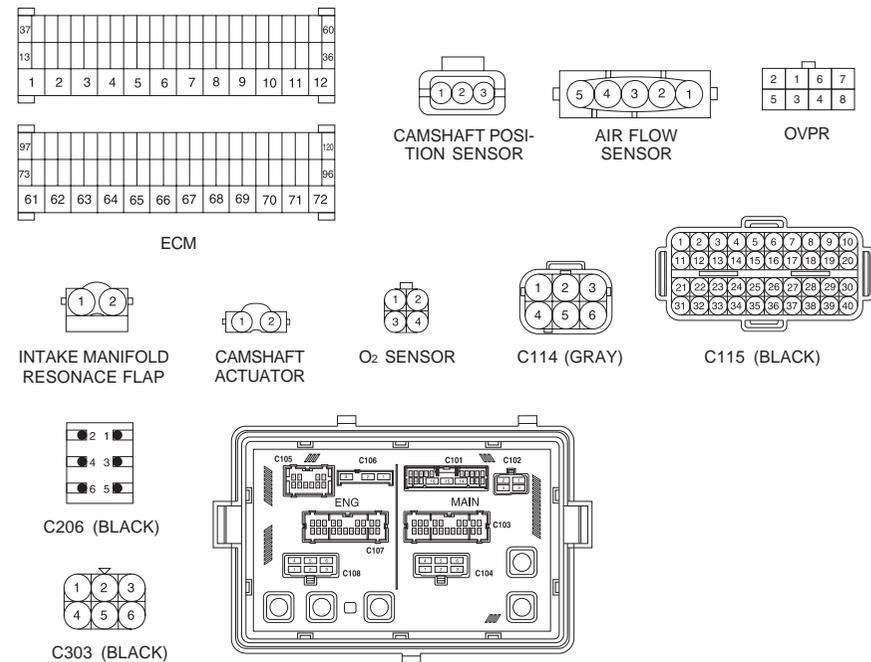
(2) W/ EURO III



a. CONNECTOR INFORMATION

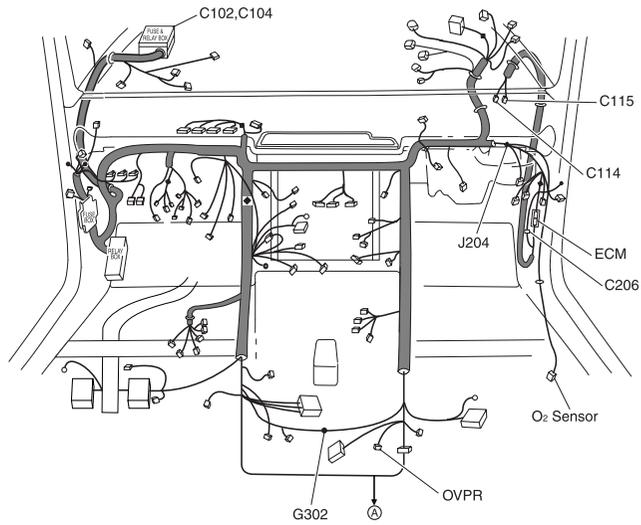
| CONNECTOR(NUMBER)      | CONNECTING. WRING HARNESS         | CONNECTOR POSITION           |
|------------------------|-----------------------------------|------------------------------|
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box         |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box         |
| C114 (6Pin, Gray)      | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit        |
| C115 (40Pin, Black)    | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit        |
| C206 (6Pin, Black)     | W/H Main - W/H ECM Main           | Lower "A" Piller (Upper ECM) |
| C303 (6Pin, Black)     | W/H Main - W/H Fuel Pump          | Upper Transfer Case          |
| J106                   | W/H Engine Control                | Behind Hydraulic Unit        |
| J204                   | W/H Main                          | Upper Blower Unit            |
| G302                   | W/H Main                          | Below Center Console         |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



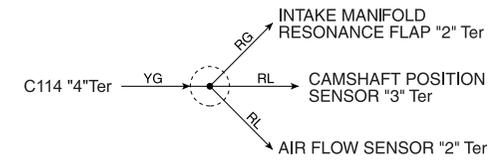
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

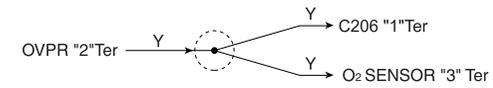


**d. JOINT**

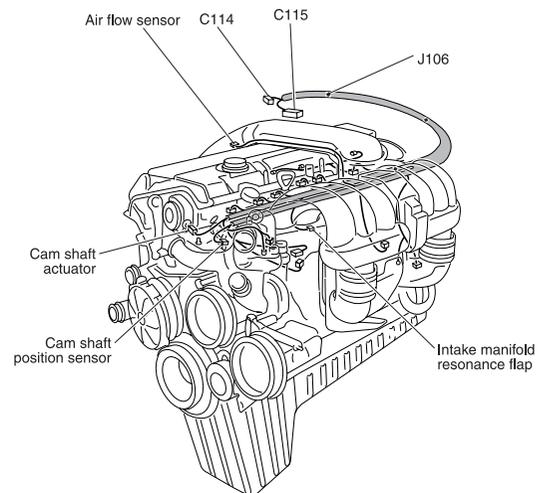
**J106**



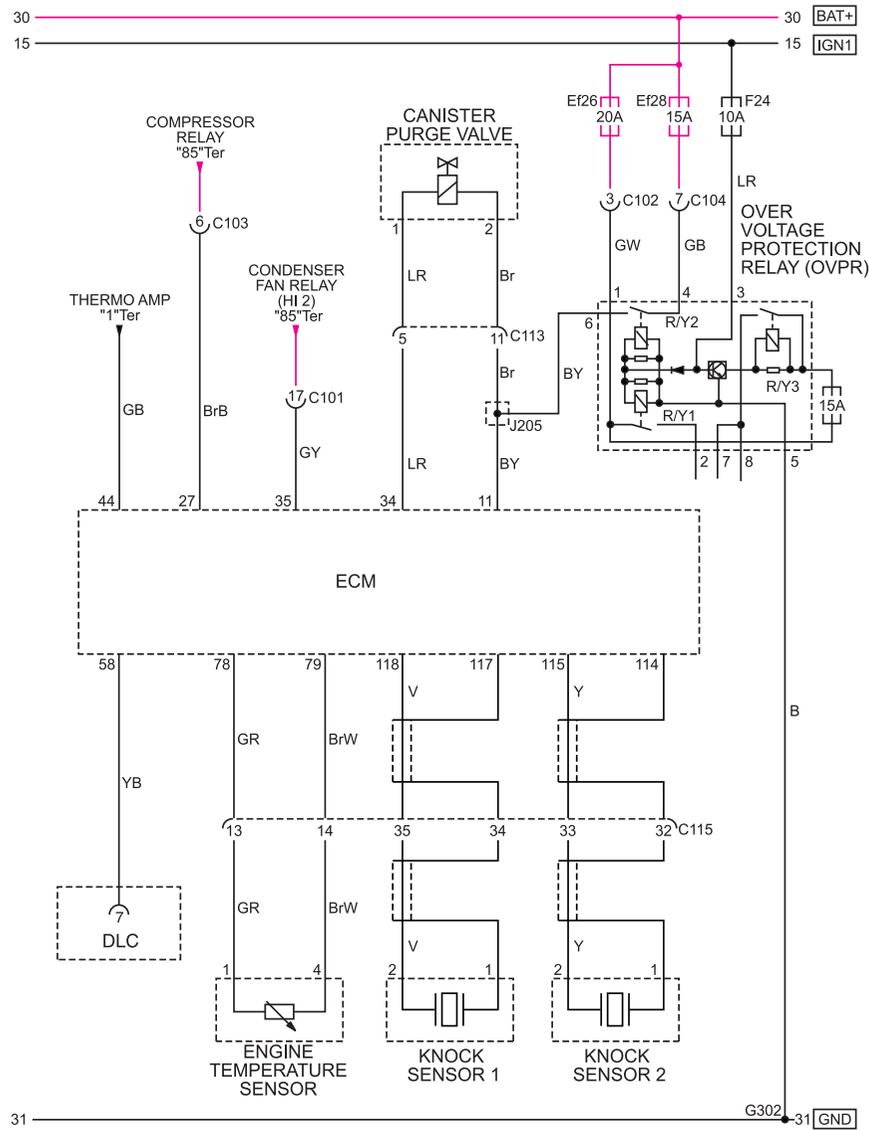
**J204**



- W/H ENGINE CONTROL (GASOLINE)



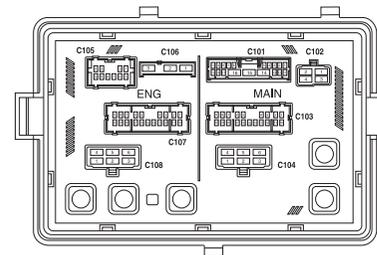
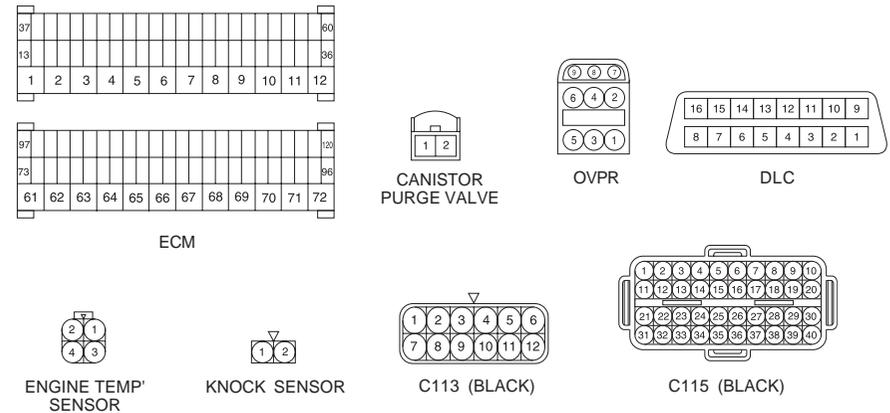
4) SENSOR (ENGINE TEMPERATURE, KNOCK1, KNOCK2), CANISTER PURGE VALVE, DIAGNOSIS



a. CONNECTOR INFORMATION

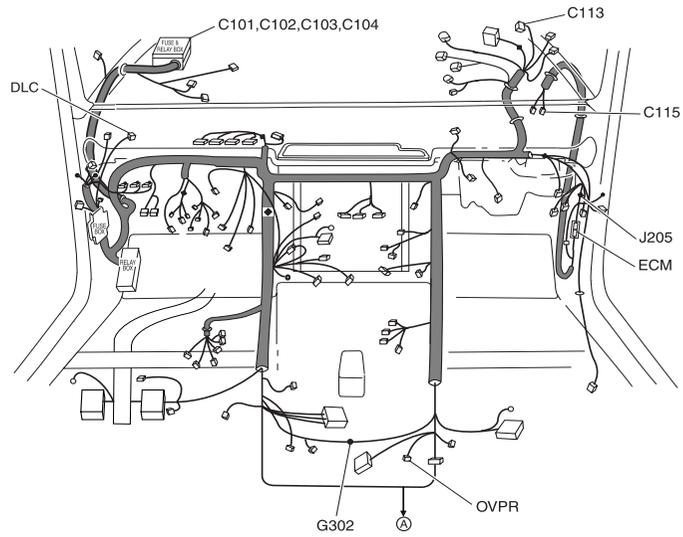
| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS        | CONNECTOR POSITION     |
|------------------------|-----------------------------------|------------------------|
| C101 (19Pin, White)    | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box   |
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box   |
| C103 (22Pin, White)    | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box   |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box   |
| C113 (12Pin, Black)    | W/H Engine Room - W/H Main        | Next to Hydraulic Unit |
| C115 (40Pin, Black)    | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit  |
| J205                   | W/H Main                          | Below Center Console   |
| G302                   | W/H Main                          | Below Center Console   |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

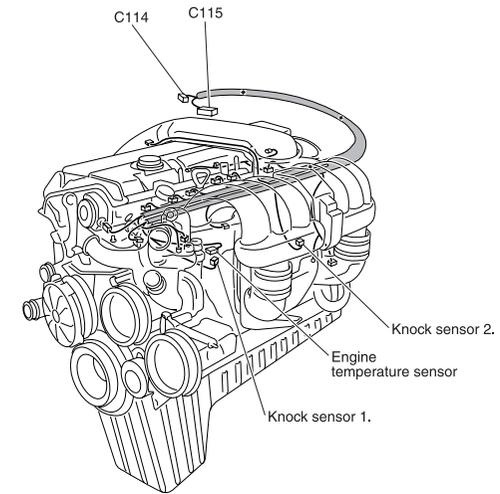


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

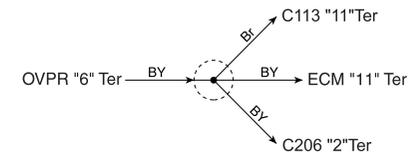


- W/H ENGINE CONTROL (GASOLINE)



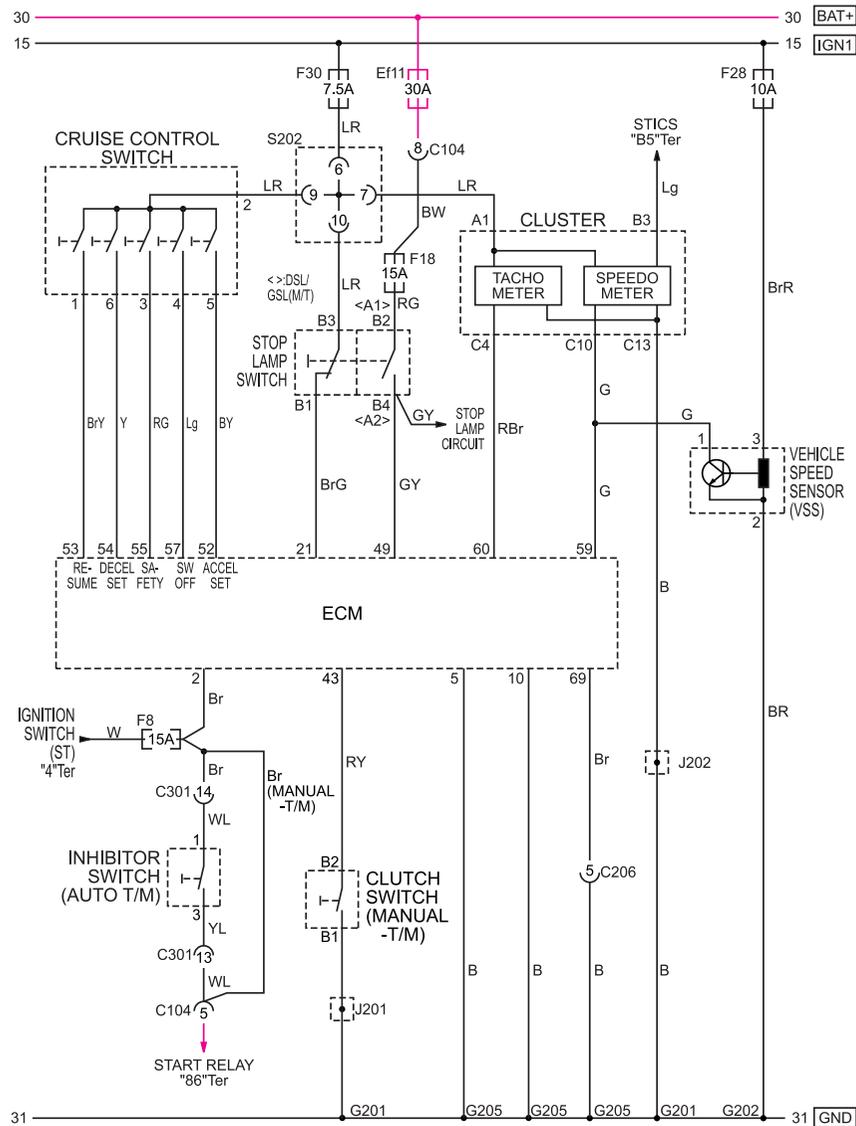
**d. JOINT**

**J205**



5-50 ELECTRICAL WIRING DIAGRAMS

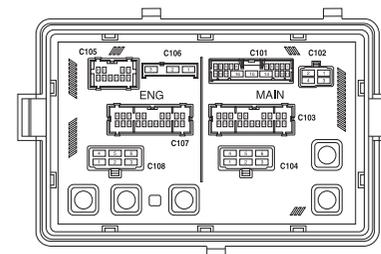
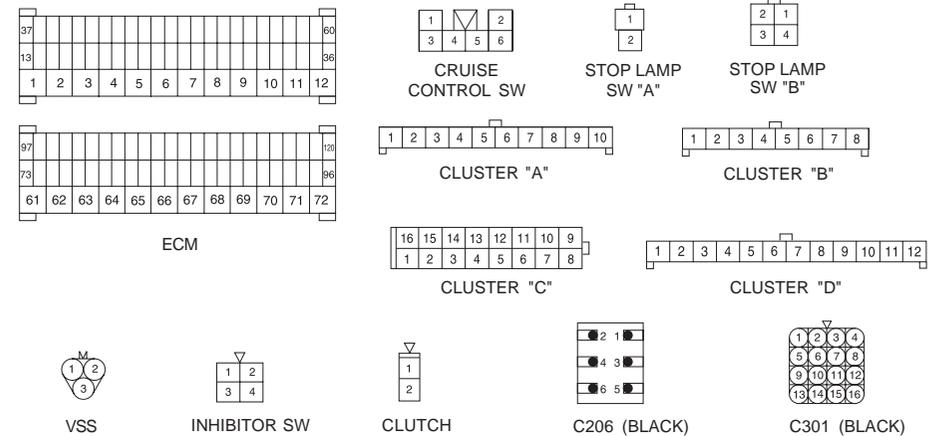
5) VEHICLE SPEED SENSOR, SWITCH (CRUISE CONTROL, STOP LAMP, INHIBITOR, CLUTCH)



a. CONNECTOR INFORMATION

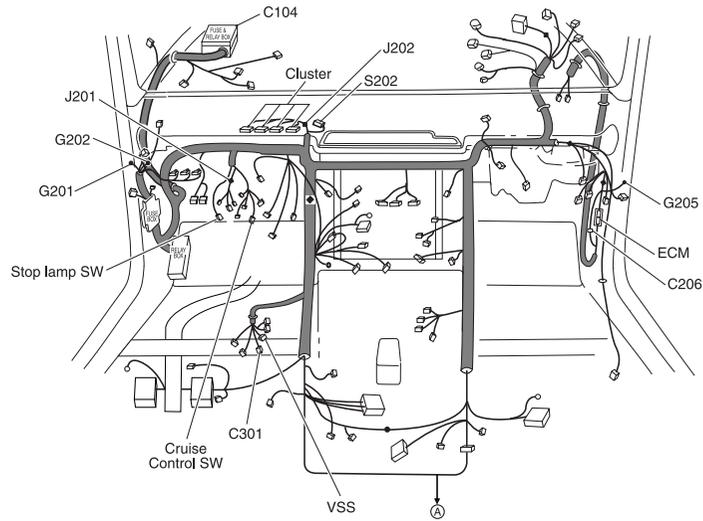
| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION            |
|------------------------|---------------------------------|-------------------------------|
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box          |
| C206 (6Pin, Black)     | W/H Main - W/H ECM Main         | Lower "A" Piller (Upper ECM)  |
| C301 (16Pin, Black)    | W/H Main - W/H Transmission     | Upper Transfer Case           |
| S202 (20Pin, Black)    | W/H Main                        | Behind Cluster                |
| J201                   | W/H Main                        | Above FRT LH Seat Under Cover |
| J202                   | W/H Main                        | Behind Cluster                |
| G201                   | W/H Main                        | Upper Front Left Leg Room     |
| G202                   | W/H Main                        | Upper Front Left Leg Room     |
| G205                   | W/H Main                        | Center "A" Piller Front Right |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

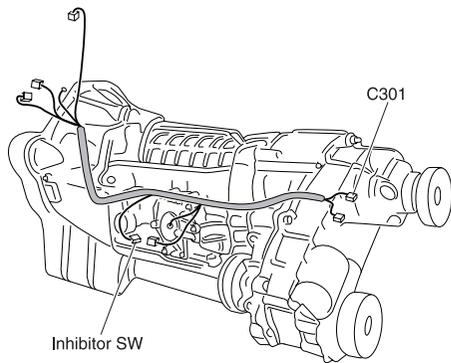


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

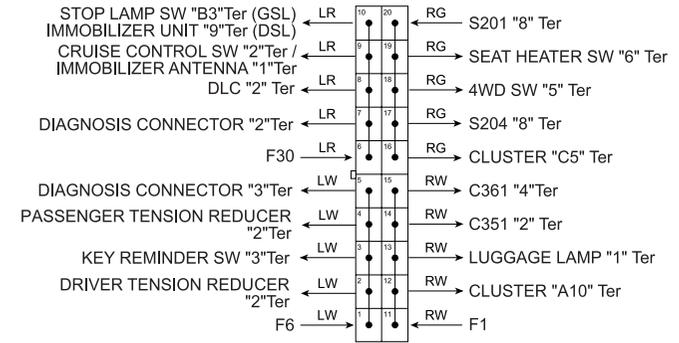


- W/H TRANSMISSION (AUTOMATIC TRANSMISSION)



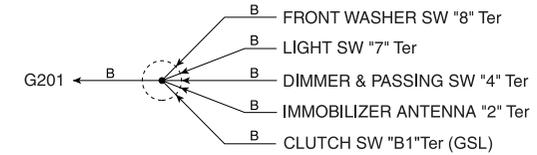
**d. SPLICE PACK**

**S202 (BLACK)**

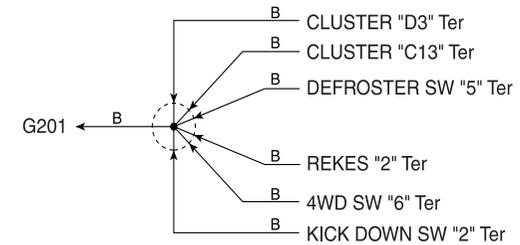


**e. JOINT**

**J201**

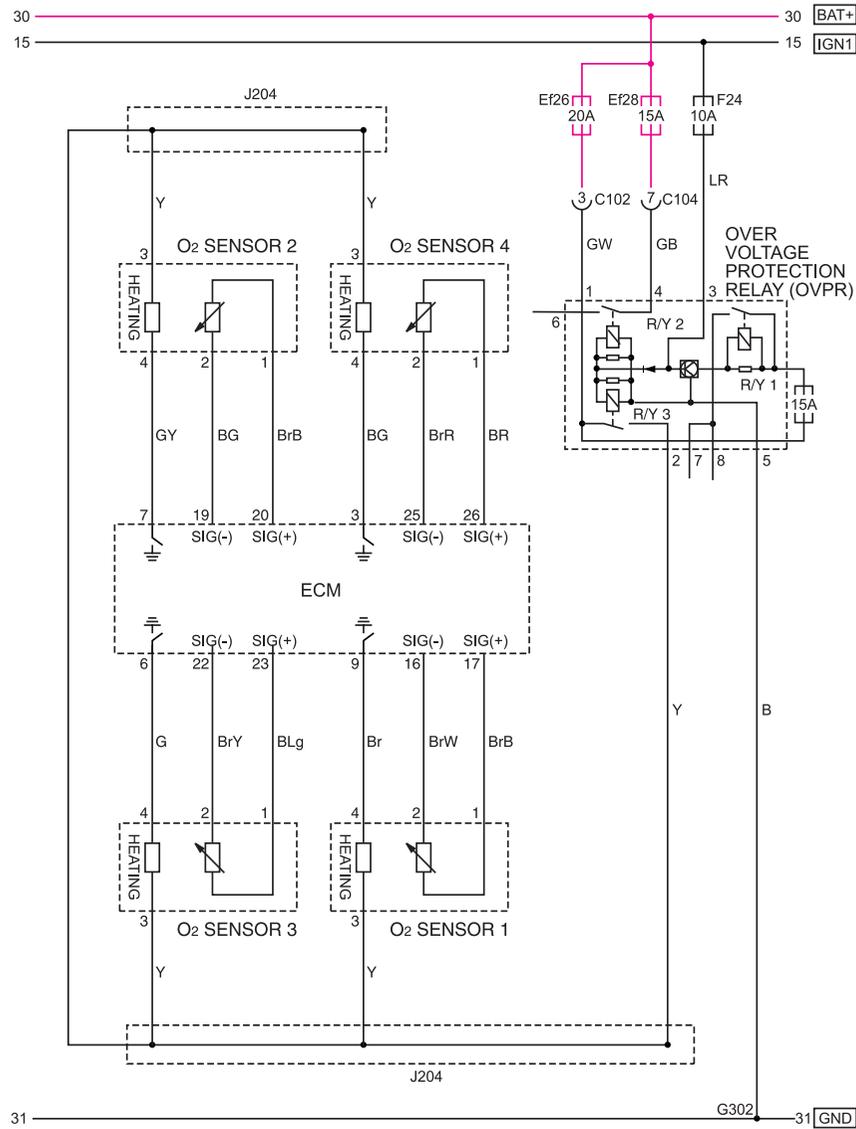


**J202**



5-52 ELECTRICAL WIRING DIAGRAMS

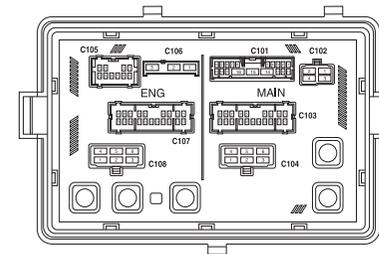
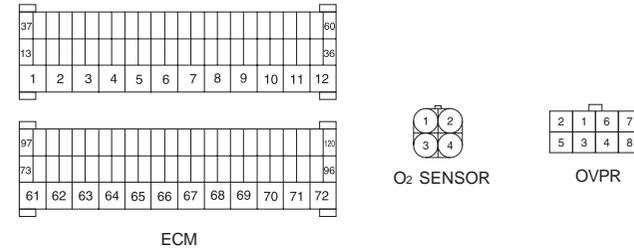
6) O2 SENSOR (1,2,3,4)  
• W/ EURO III



a. CONNECTOR INFORMATION

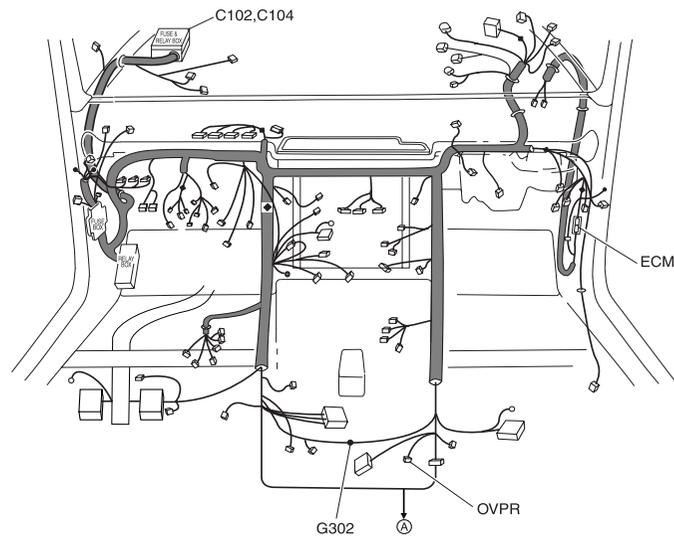
| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION   |
|------------------------|---------------------------------|----------------------|
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box |
| J204                   | W/H Main                        | Upper Blower Unit    |
| G302                   | W/H Main                        | Below Center Console |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



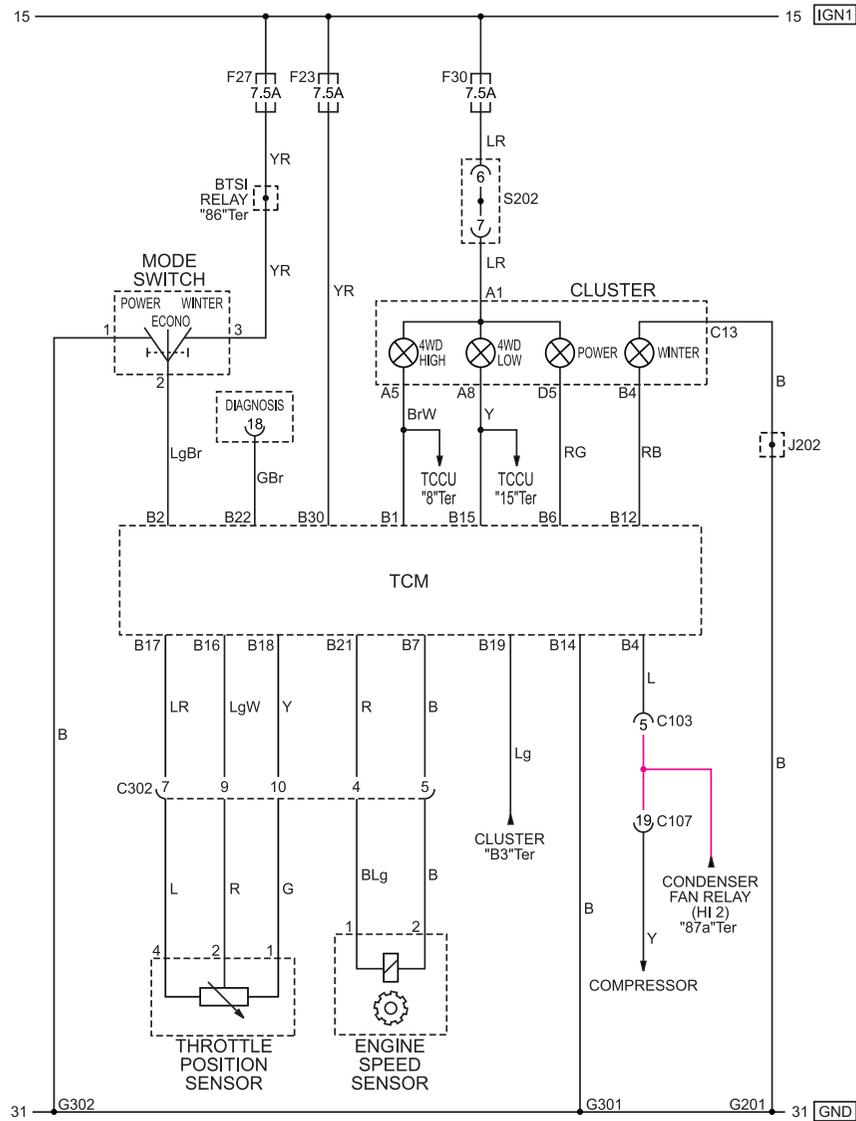
c. POSITION OF CONNECTORS AND GROUNDS

- W/H MAIN



## 7. TCM (TRANSMISSION CONTROL MODULE) - DIESEL

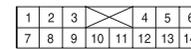
### 1) MODE SWITCH, INDICATOR, DIAGNOSIS



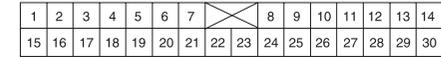
### a. CONNECTOR INFORMATION

| CONNECTOR(NUMBER)      | CONNECTING WIRING HARNESS              | CONNECTOR POSITION        |
|------------------------|--|---------------------------|
| C103 (22Pin, White)    | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box      |
| C107 (8Pin, Colorless) | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box      |
| C302 (10Pin, Black)    | W/H Main - W/H Transmission            | Upper Transfer Case       |
| S202 (20Pin, Black)    | W/H Main                               | Behind Cluster            |
| J202                   | W/H Main                               | Behind Cluster            |
| G201                   | W/H Main                               | Upper Front Left Leg Room |
| G301                   | W/H Main                               | Below Front Left Seat     |
| G302                   | W/H Main                               | Below Center Console      |

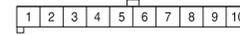
### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



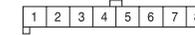
TCM "A"



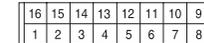
TCM "B"



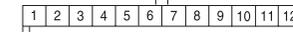
CLUSTER "A"



CLUSTER "B"



CLUSTER "C"



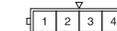
CLUSTER "D"



MODE SW



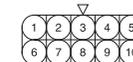
DIAGNOSIS CONNECTOR



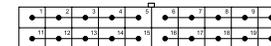
THROTTLE POSITION SENSOR



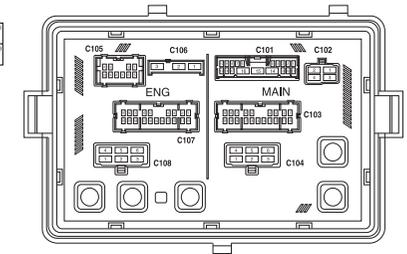
ENGINE SPEED SENSOR



C302 (BLACK)

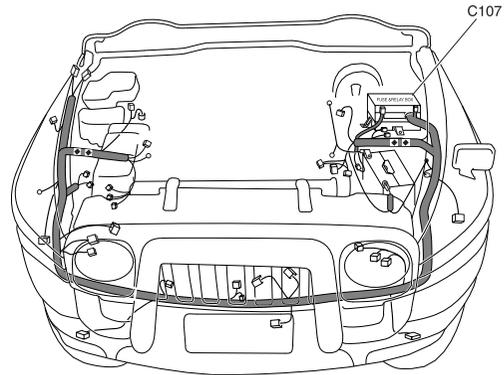


S202 (BLACK)

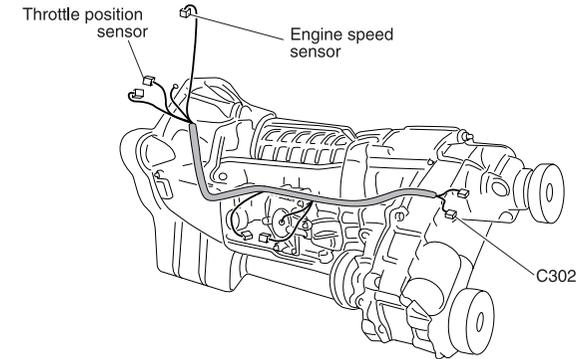


**c. POSITION OF CONNECTORS AND GROUNDS**

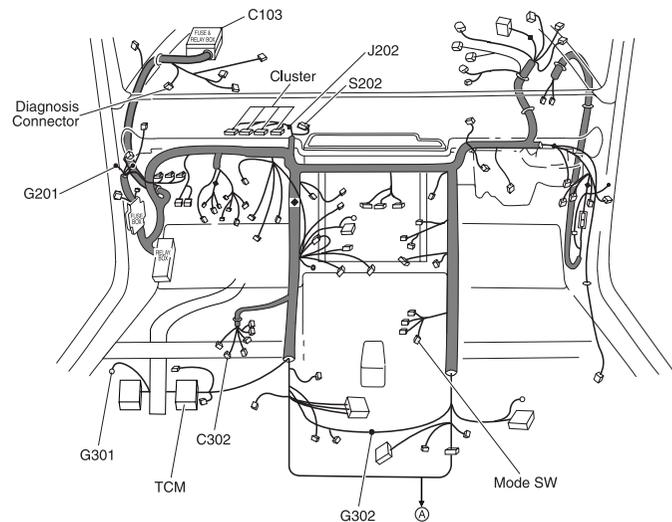
- W/H ENGINE ROOM



- W/H TRANSMISSION (AUTOMATIC TRANSMISSION)

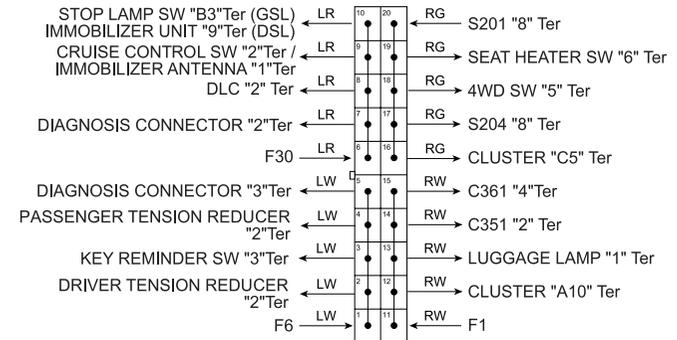


- W/H MAIN



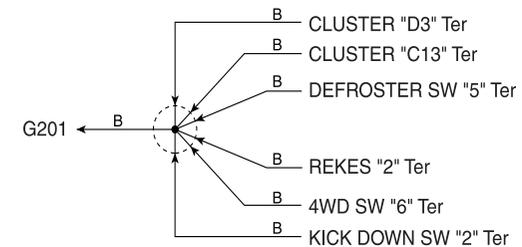
**d. SPLICE PACK**

**S202 (BLACK)**



**e. JOINT**

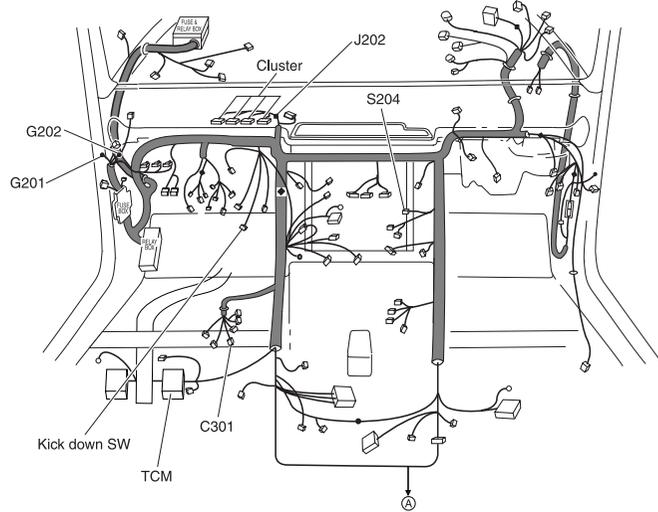
**J202**



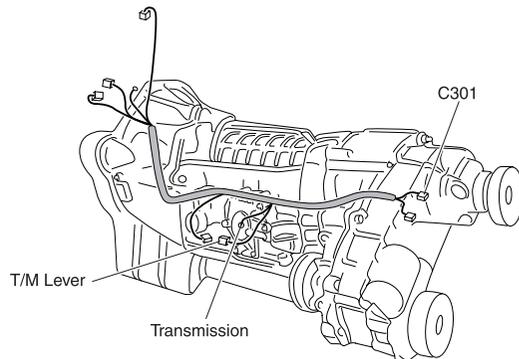


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

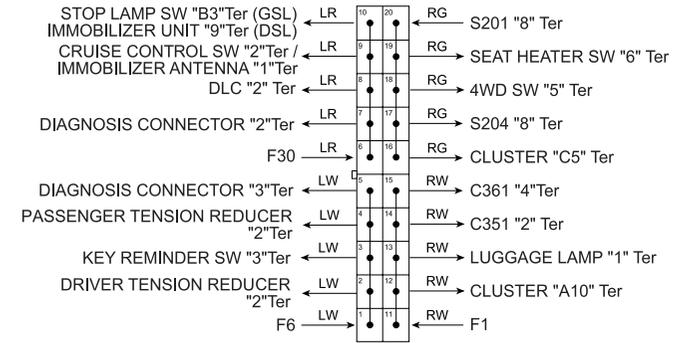


- W/H TRANSMISSION (AUTOMATIC TRANSMISSION)



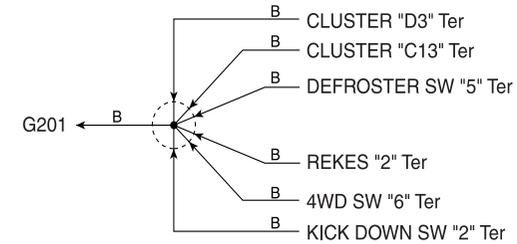
**d. SPLICE PACK**

**S202 (BLACK)**



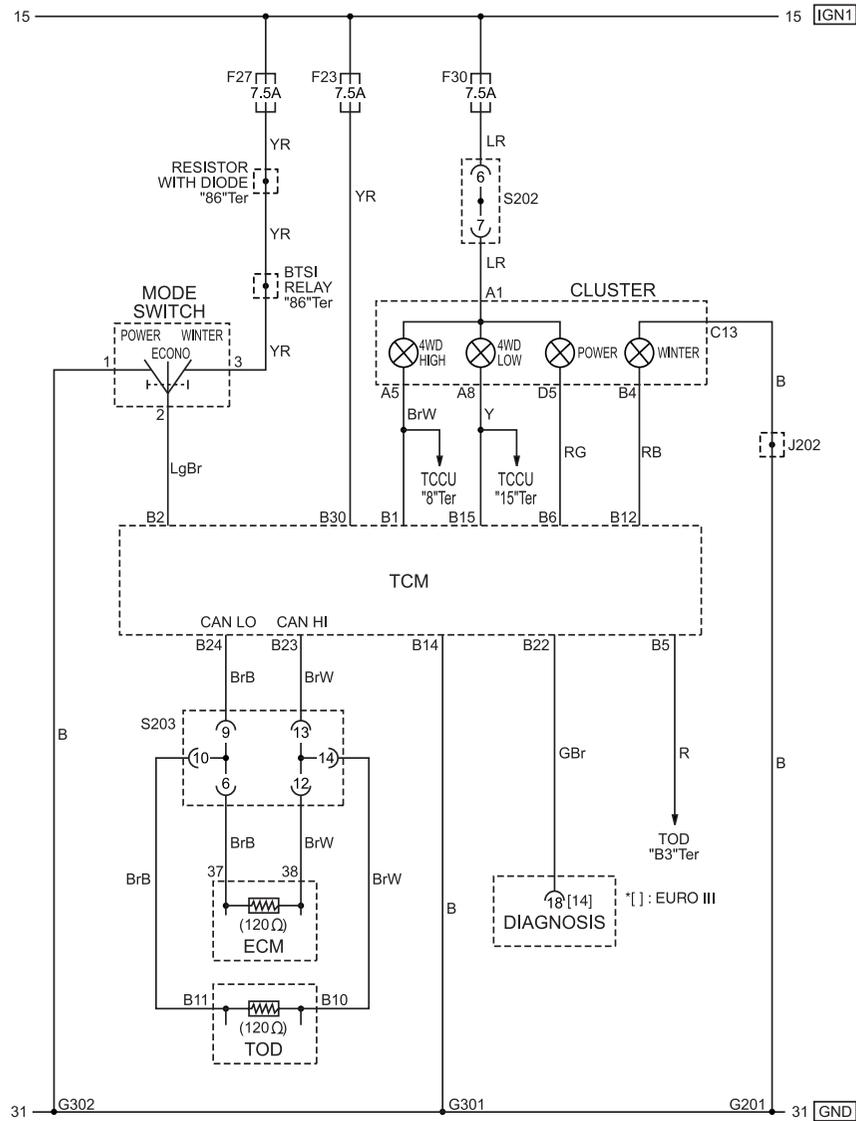
**e. JOINT**

**J202**



## 8. TCM (TRANSMISSION CONTROL MODULE) - GASOLINE

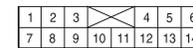
### 1) MODE SWITCH, INDICATOR, DIAGNOSIS



### a. CONNECTOR INFORMATION

| CONNECTOR(NUMBER)       | CONNECTING WIRING HARNESS | CONNECTOR POSITION        |
|-------------------------|---------------------------|---------------------------|
| S202 (20Pin, Black)     | W/H Main                  | Behind Cluster            |
| S203 (14Pin, Colorless) | W/H Main                  | Behind 4WD Switch         |
| J202                    | W/H Main                  |                           |
| G201                    | W/H Main                  | Upper Front Left Leg Room |
| G301                    | W/H Main                  | Below Front Left Seat     |
| G302                    | W/H Main                  | Below Center Console      |

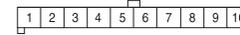
### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



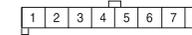
TCM "A"



TCM "B"



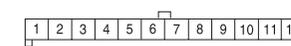
CLUSTER "A"



CLUSTER "B"



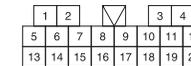
CLUSTER "C"



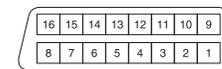
CLUSTER "D"



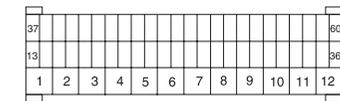
MODE SW



DIAGNOSIS CONNECTOR



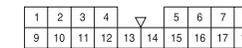
DLC(EURO III)



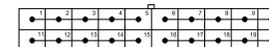
ECM



TOD "A"



TOD "B"



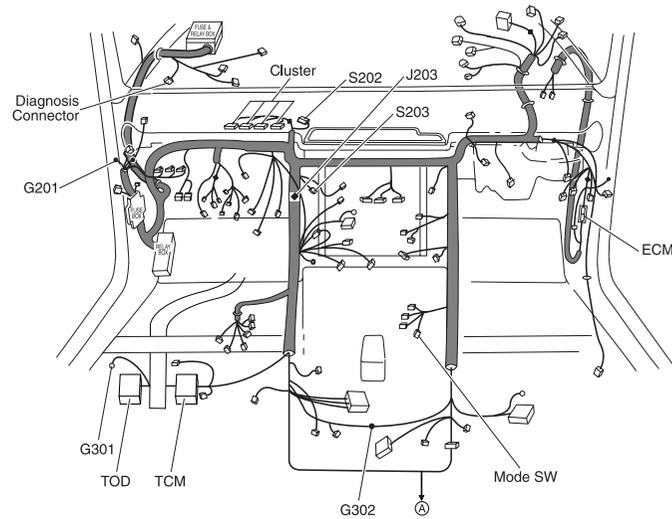
S202 (BLACK)



S203 (BLACK)

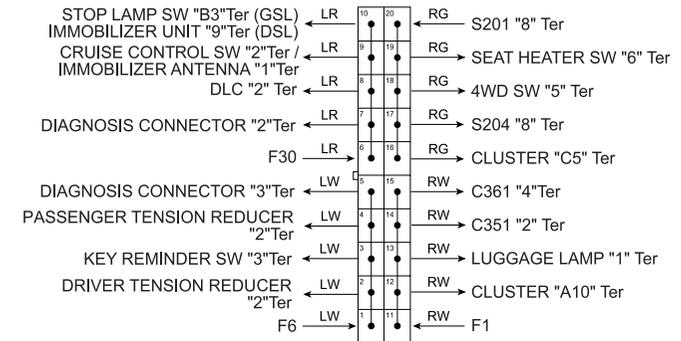
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

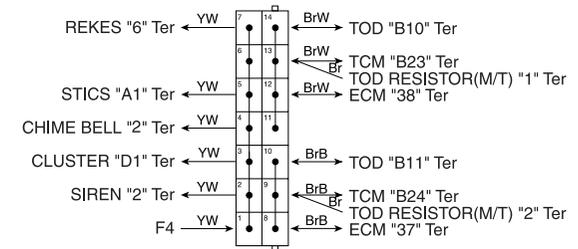


**d. SPLICE PACK**

**S202 (BLACK)**

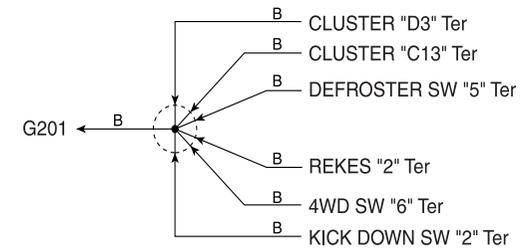


**S203 (COLORLESS)**

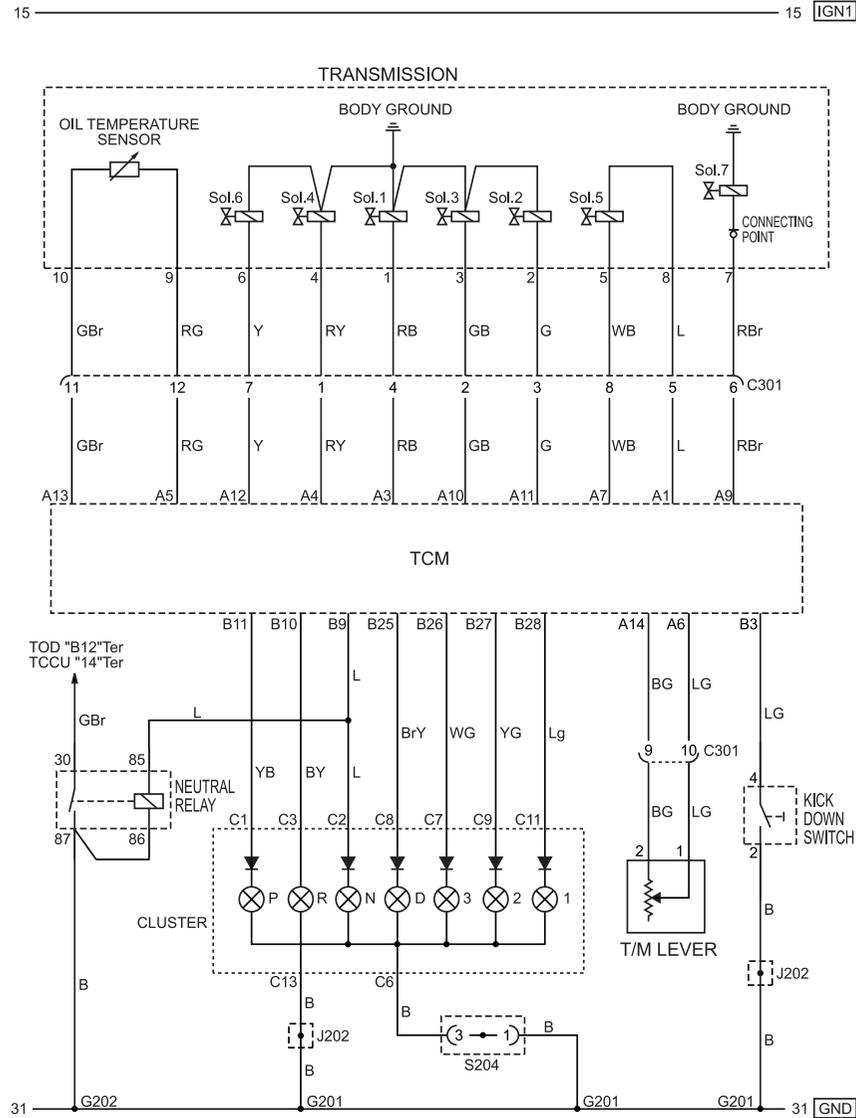


**e. JOINT**

**J202**



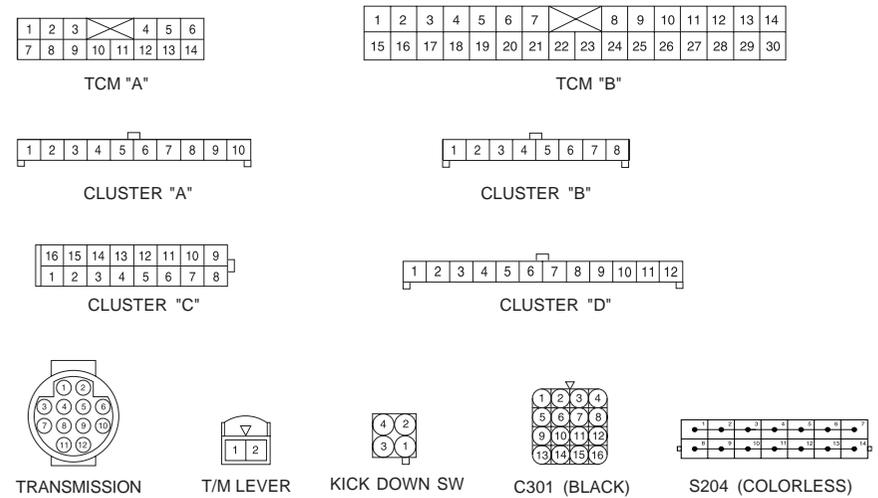
2) TRANSMISSION, INDICATOR, T/M LEVER, KICK DOWN SWITCH



a. CONNECTOR INFORMATION

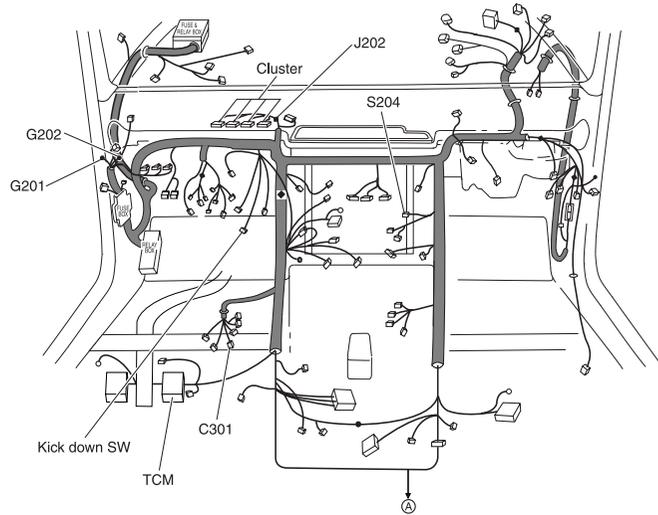
| CONNECTOR(NUMBER)       | CONNECTING. WIRING HARNESS  | CONNECTOR POSITION        |
|-------------------------|-----------------------------|---------------------------|
| C301 (16Pin, Black)     | W/H Main - W/H Transmission | Upper Transfer Case       |
| S204 (14Pin, Colorless) | W/H Main                    | Behind Audio              |
| J202                    | W/H Main                    | Behind Cluster            |
| G201                    | W/H Main                    | Upper Front Left Leg Room |
| G202                    | W/H Main                    | Upper Front Left Leg Room |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



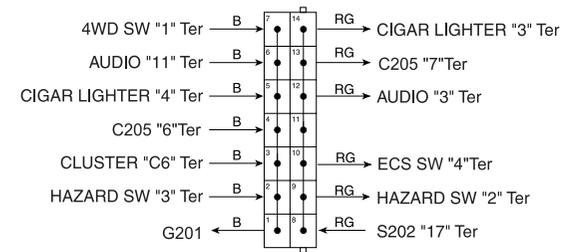
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN



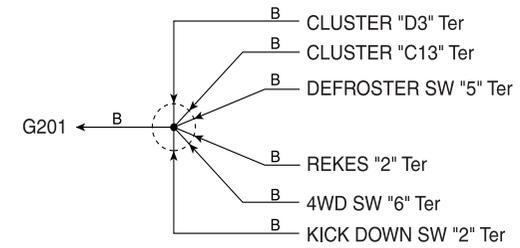
**d. SPLICE PACK**

**S204 (COLORLESS)**

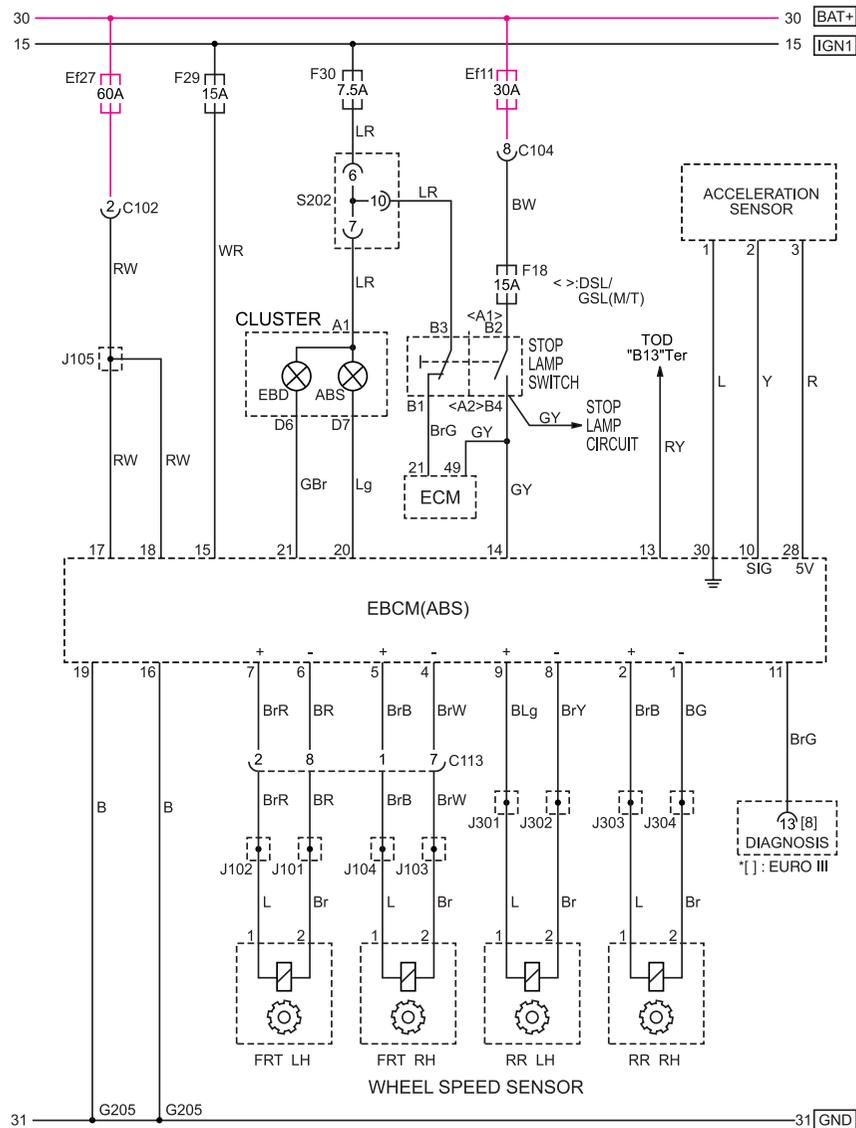


**e. JOINT**

**J202**



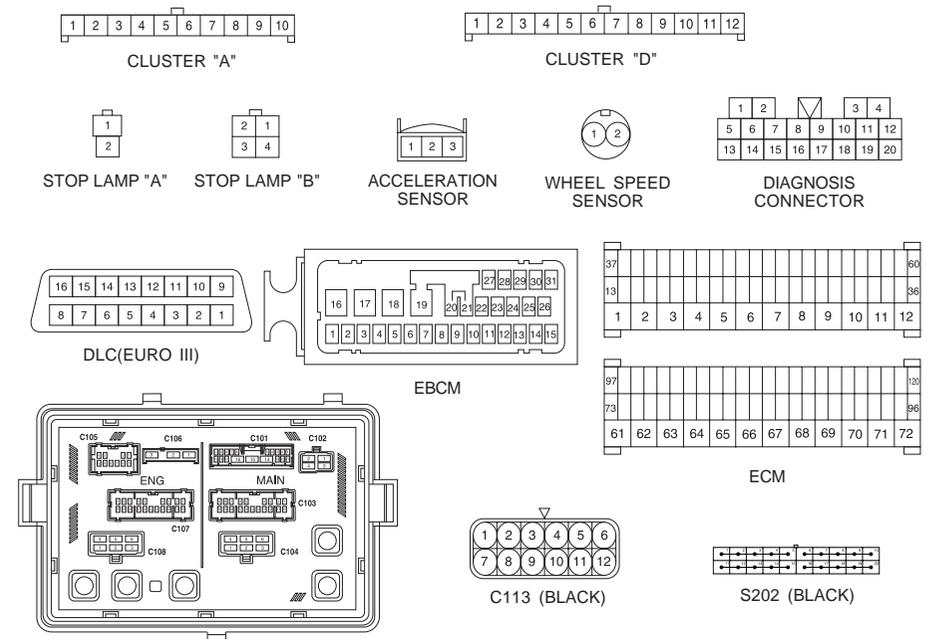
### 9. ABS (ANTI-LOCK BRAKE SYSTEM)



#### a. CONNECTOR INFORMATION

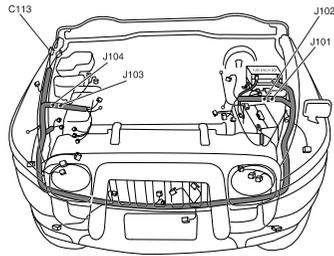
| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION            |
|------------------------|---------------------------------|-------------------------------|
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box          |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box          |
| C113 (12Pin, Black)    | W/H Engine Room - W/H Main      | Next to Hydraulic Unit        |
| S202 (20Pin, Black)    | W/H Main                        | Behind Cluster                |
| J101                   | W/H Engine Room                 | Behind Battery                |
| J102                   | W/H Engine Room                 | Behind Battery                |
| J103                   | W/H Engine Room                 | Below Air Cleaner             |
| J104                   | W/H Engine Room                 | Below Air Cleaner             |
| J105                   | W/H Main                        | Next to Yellow Label          |
| J301                   | W/H Main                        | Below Rear Left Seat          |
| J302                   | W/H Main                        | Below Rear Left Seat          |
| J303                   | W/H Main                        | Below Rear Right Seat         |
| J304                   | W/H Main                        | Below Rear Right Seat         |
| G205                   | W/H Main                        | Center "A" Pillar Front Right |

#### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

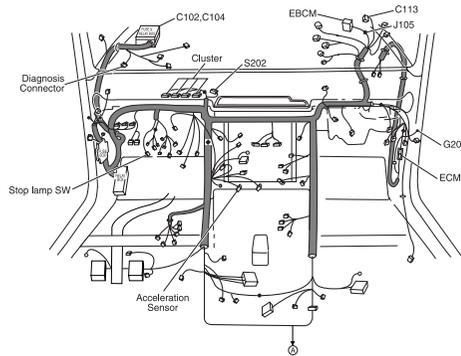


**c. POSITION OF CONNECTORS AND GROUNDS**

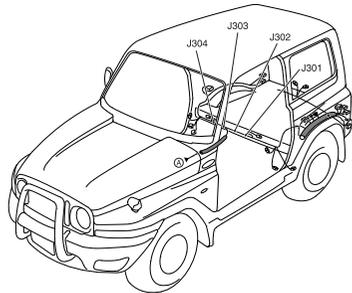
• W/H ENGINE ROOM



• W/H MAIN

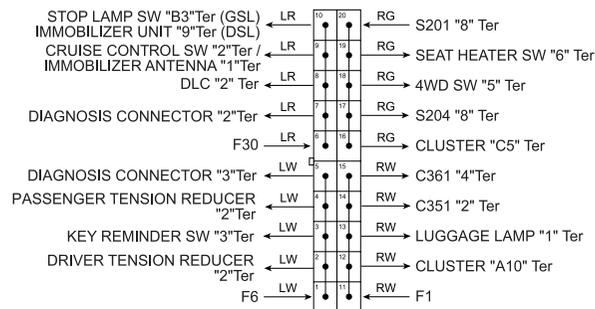


• W/H MAIN (FLOOR)



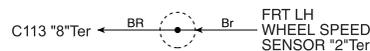
**d. SPLICE PACK**

**S202 (BLACK)**



**e. JOINT**

**J101**



**J102**



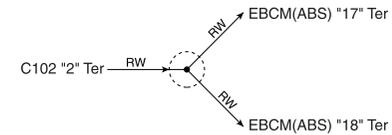
**J103**



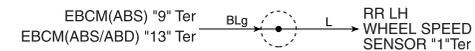
**J104**



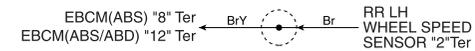
**J105**



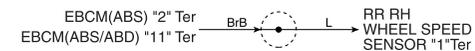
**J301**



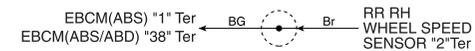
**J302**



**J303**

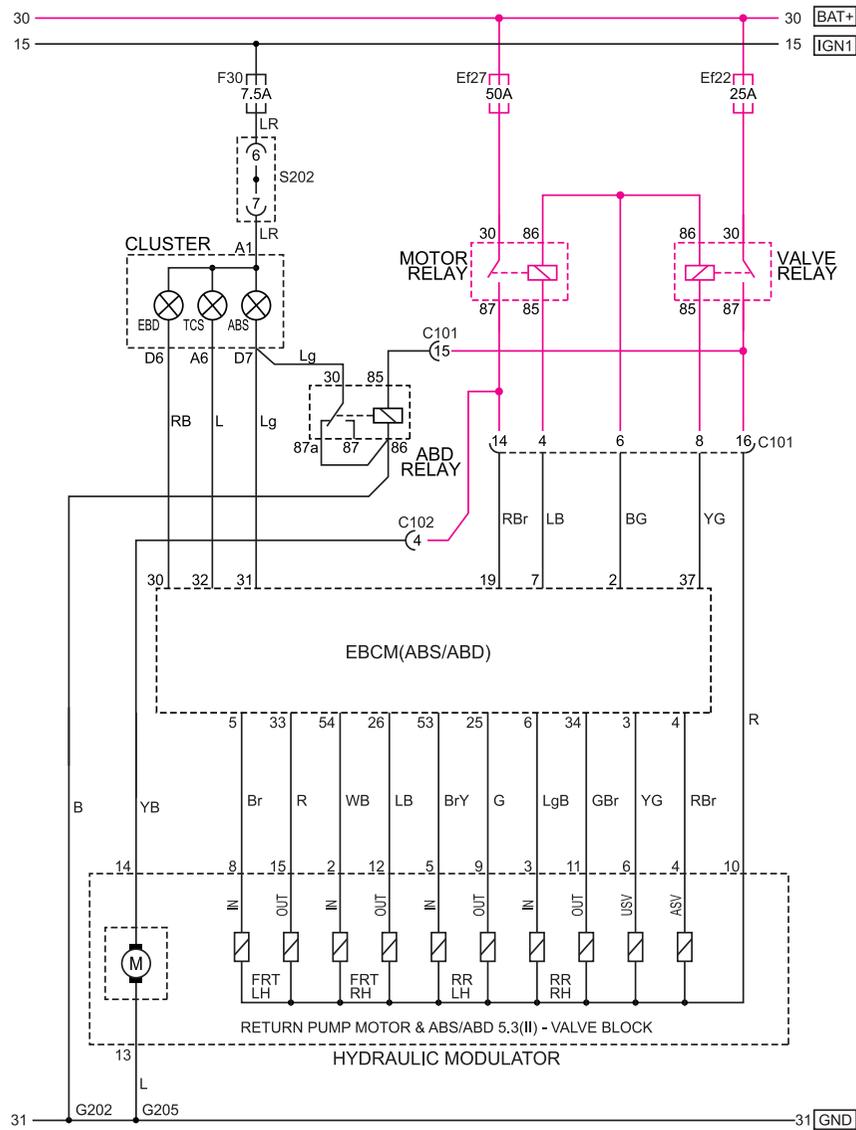


**J304**



10. ABS/ABD (AUTOMATIC BRAKE DIFFERENTIAL LOCK) : DIESEL

1) INDICATOR, RELAY (ABD, MOTOR, VALVE) HYDRAULIC MODULATOR



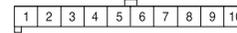
a. CONNECTOR INFORMATION

| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION            |
|------------------------|---------------------------------|-------------------------------|
| C101 (19Pin, White)    | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box          |
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box          |
| S202 (20Pin,Black)     | W/H Main                        | Behind Cluster                |
| G202                   | W/H Main                        | Upper Front Left Leg Room     |
| G205                   | W/H Main                        | Center "A" Piller Front Right |

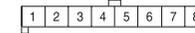
b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



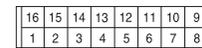
EBCM



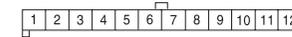
CLUSTER "A"



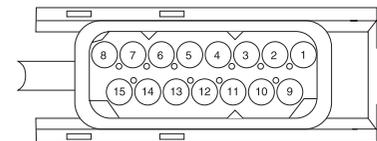
CLUSTER "B"



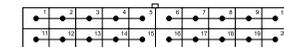
CLUSTER "C"



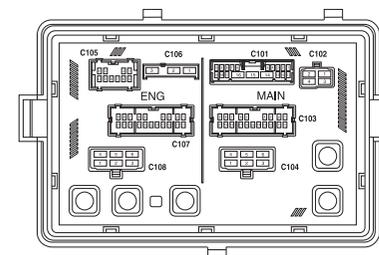
CLUSTER "D"



HYDRAULIC MODULATOR

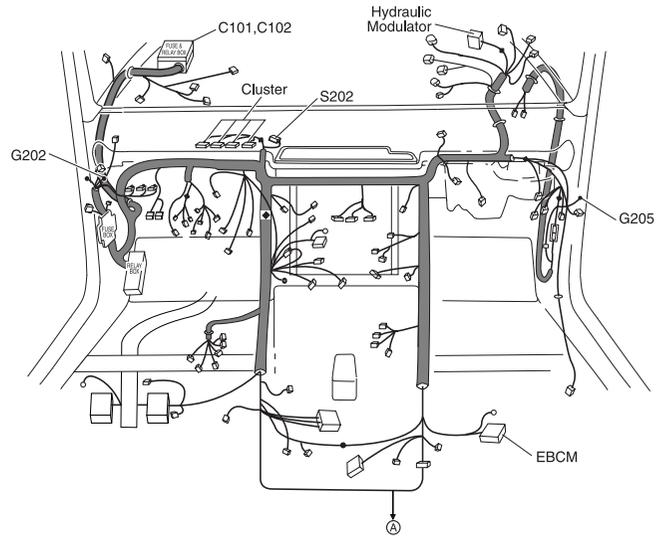


S202 (BLACK)



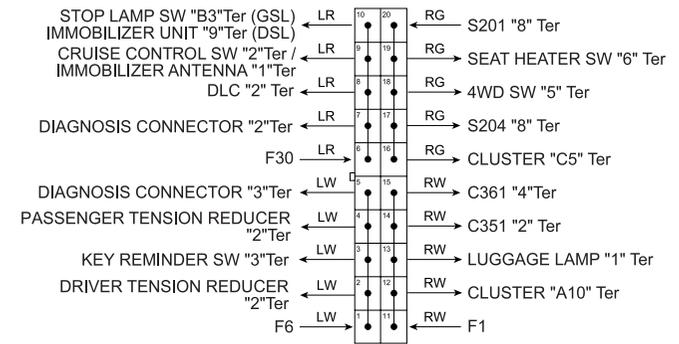
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

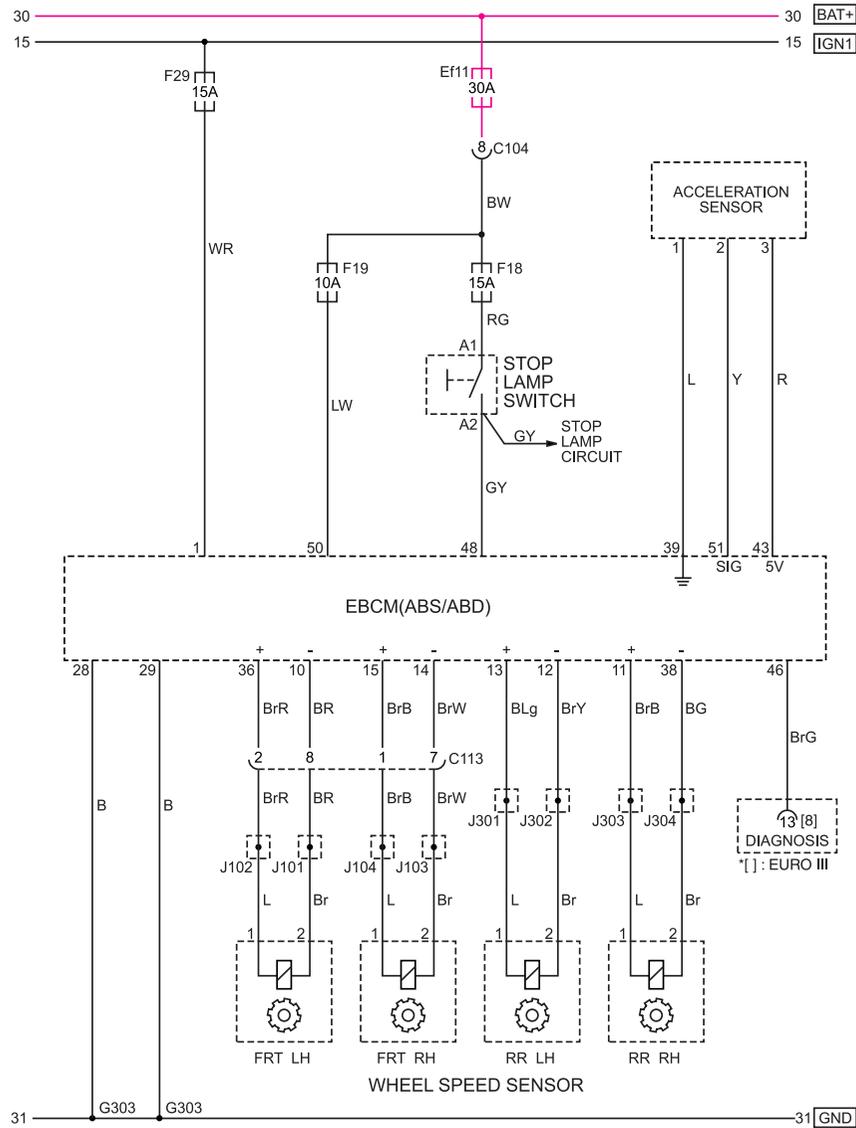


**d. SPLICE PACK**

**S202 (BLACK)**



2) STOP LAMP SWITCH, ACCELERATION SENSOR, WHEEL SPEED SENSOR, DIAGNOSIS



a. CONNECTOR INFORMATION

| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION     |
|------------------------|---------------------------------|------------------------|
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box   |
| C113 (12Pin, Black)    | W/H Engine Room - W/H Main      | Next to Hydraulic Unit |
| J101                   | W/H Engine Room                 | Behind Battery         |
| J102                   | W/H Engine Room                 | Behind Battery         |
| J103                   | W/H Engine Room                 | Below Air Cleaner      |
| J104                   | W/H Engine Room                 | Below Air Cleaner      |
| J301                   | W/H Main                        | Below Rear Left Seat   |
| J302                   | W/H Main                        | Below Rear Left Seat   |
| J303                   | W/H Main                        | Below Rear Right Seat  |
| J304                   | W/H Main                        | Below Rear Right Seat  |
| G303                   | W/H Main                        | Below Front Right Seat |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



EBCM



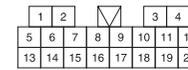
STOP LAMP "A"



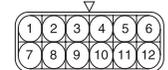
ACCELERATION SENSOR



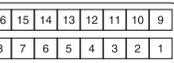
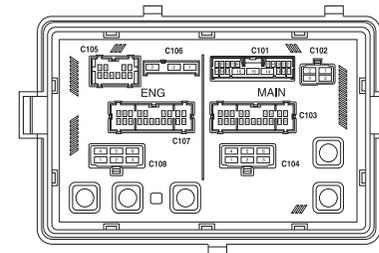
WHEEL SPEED SENSOR



DIAGNOSIS CONNECTOR



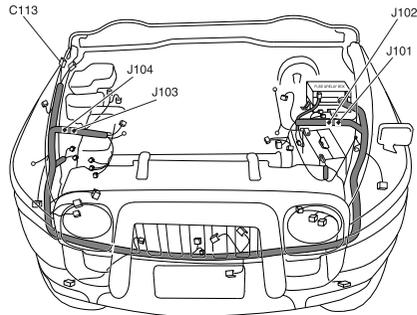
C113 (BLACK)



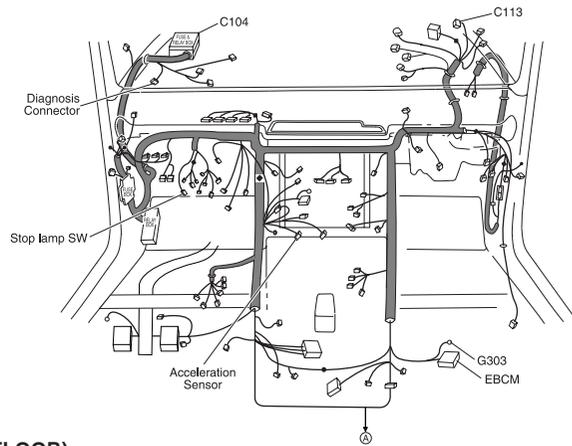
DLC(EURO III)

**c. POSITION OF CONNECTORS AND GROUNDS**

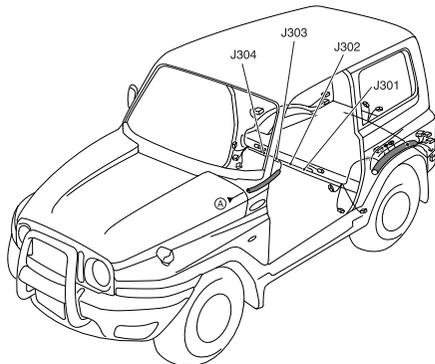
- W/H ENGINE ROOM



- W/H MAIN



- W/H MAIN (FLOOR)



**d. JOINT**

**J101**



**J102**



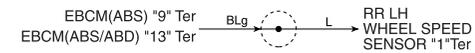
**J103**



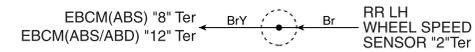
**J104**



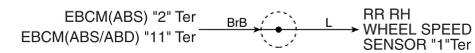
**J301**



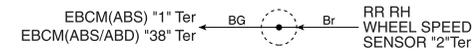
**J302**



**J303**

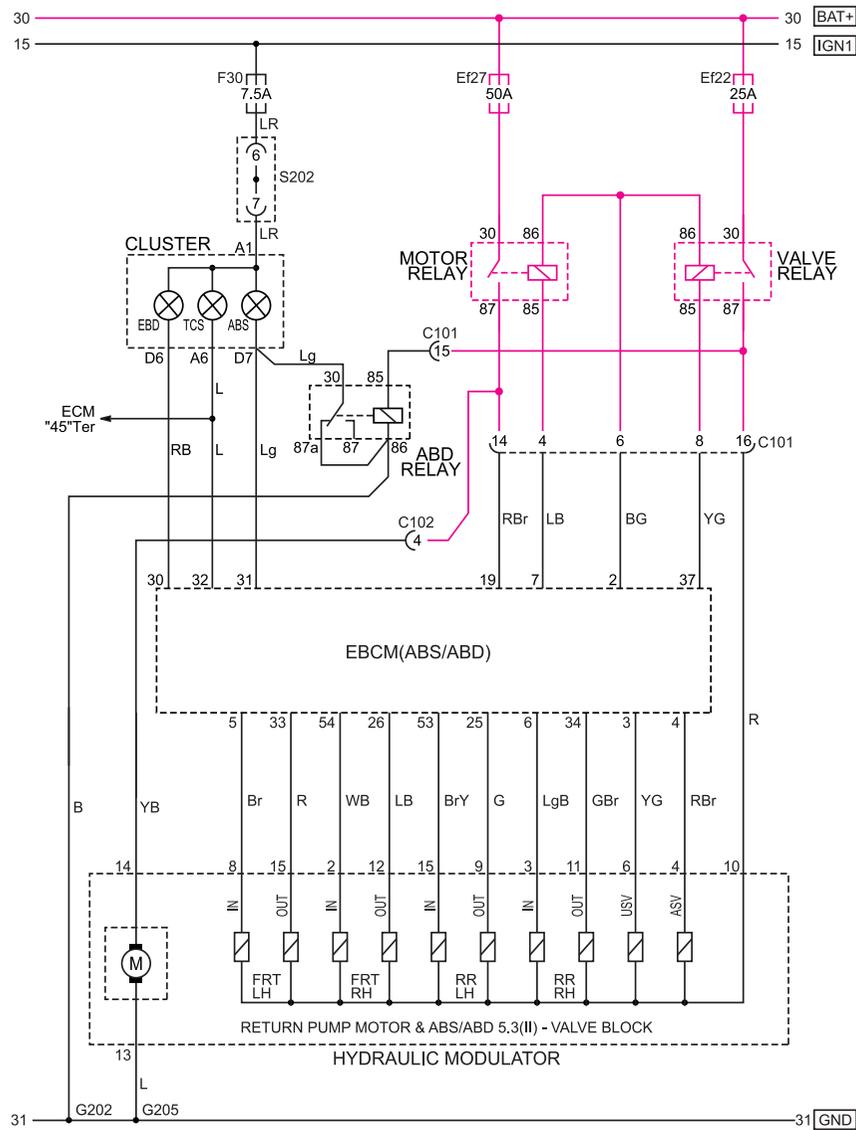


**J304**



### 11. ABS/ABD (AUTOMATIC BRAKE DIFFERENTIAL LOCK) : GASOLINE

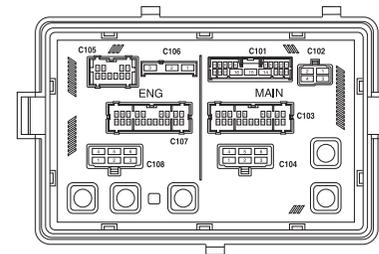
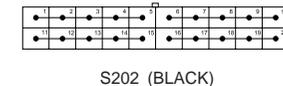
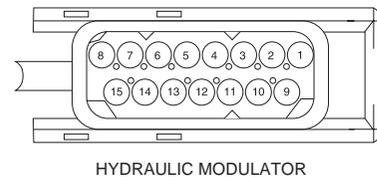
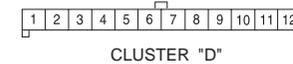
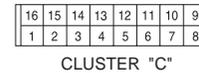
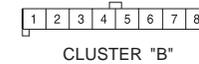
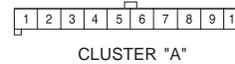
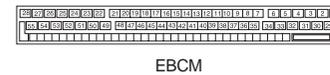
#### 1) INDICATOR, RELAY (ABD, MOTOR, VALVE), HYDRAULIC MODULATOR



#### a. CONNECTOR INFORMATION

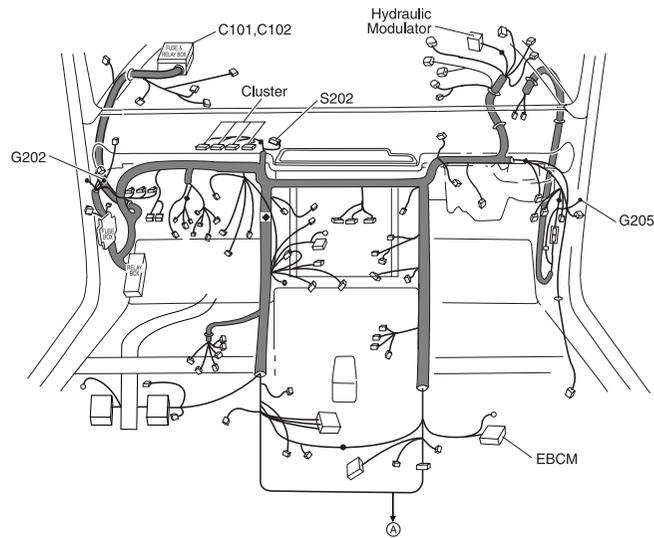
| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION            |
|------------------------|---------------------------------|-------------------------------|
| C101 (19Pin, White)    | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box          |
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box          |
| S202 (20Pin,Black)     | W/H Main                        | Behind Cluster                |
| G202                   | W/H Main                        | Upper Front Left Leg Room     |
| G205                   | W/H Main                        | Center "A" Piller Front Right |

#### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



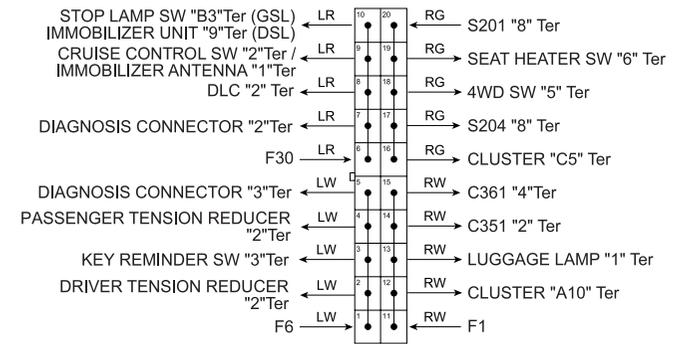
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN



**d. SPLICE PACK**

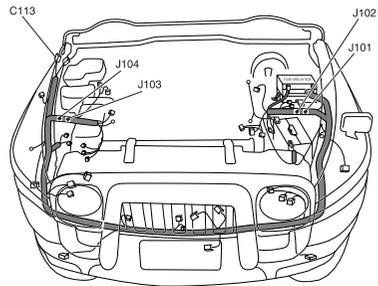
**S202 (BLACK)**



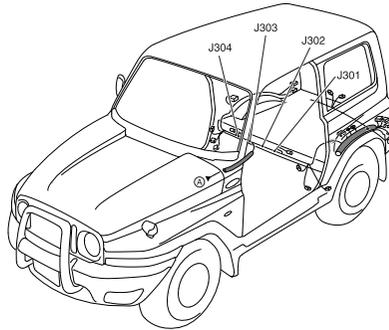


**c. POSITION OF CONNECTORS AND GROUNDS**

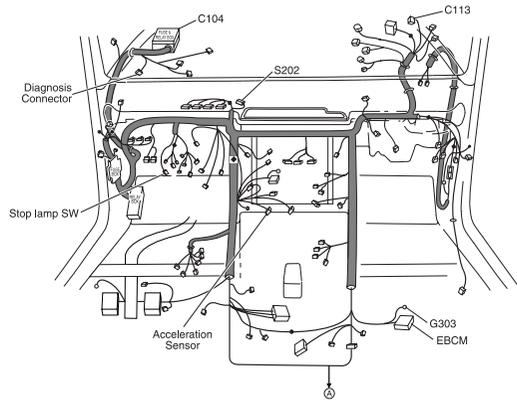
• W/H ENGINE ROOM



• W/H MAIN (FLOOR)

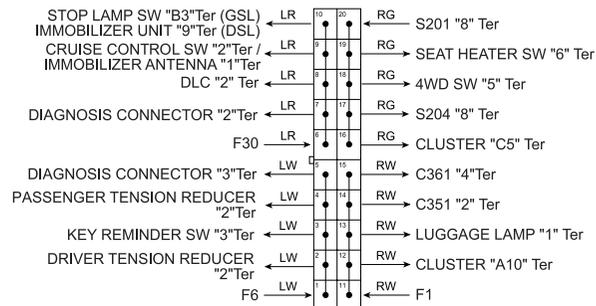


• W/H MAIN



**d. SPLICE PACK**

**S202 (BLACK)**



**e. JOINT**

**J101**



**J102**



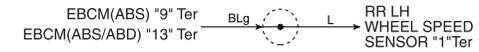
**J103**



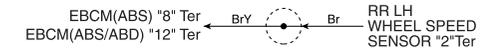
**J104**



**J301**



**J302**



**J303**

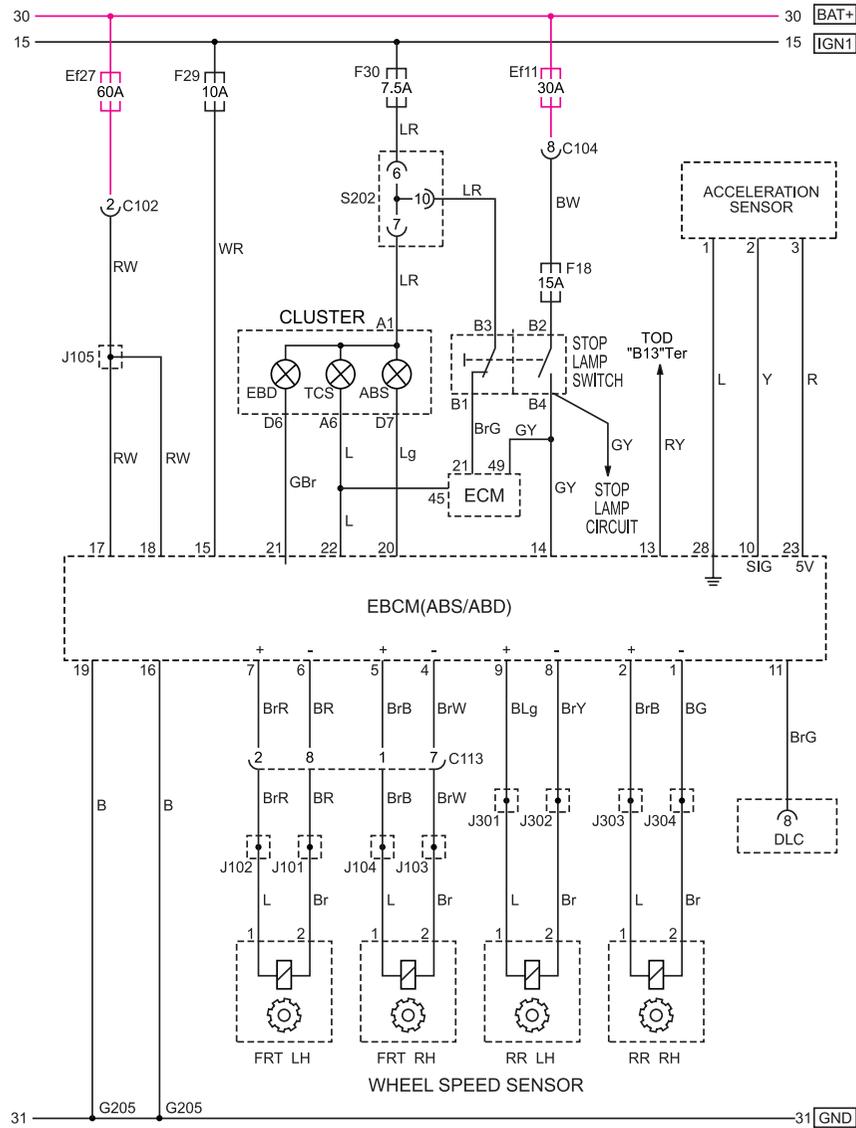


**J304**



## 12. ABS/ABD (AUTOMATIC BRAKE DIFFERENTIAL LOCK) : EURO III

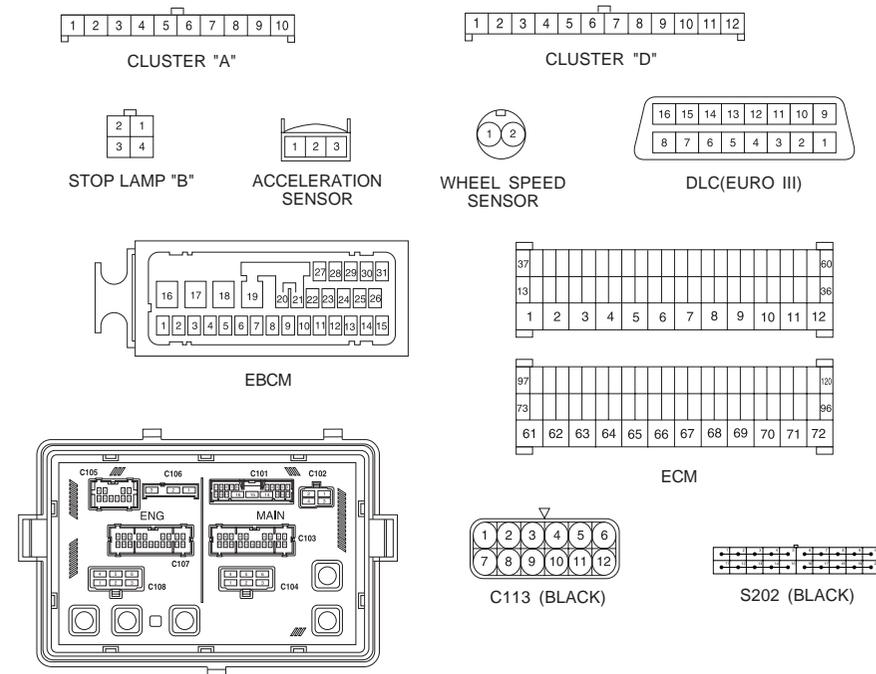
-ATTACHED EBCM-



### a. CONNECTOR INFORMATION

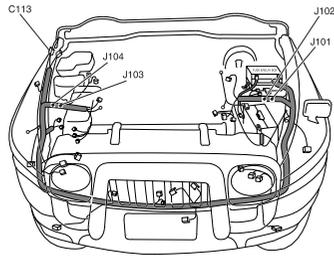
| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION            |
|------------------------|---------------------------------|-------------------------------|
| C102 (4Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box          |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box          |
| C113 (12Pin, Black)    | W/H Engine Room - W/H Main      | Next to Hydraulic Unit        |
| S202 (20Pin, Black)    | W/H Main                        | Behind Cluster                |
| J101                   | W/H Engine Room                 | Behind Battery                |
| J102                   | W/H Engine Room                 | Behind Battery                |
| J103                   | W/H Engine Room                 | Below Air Cleaner             |
| J104                   | W/H Engine Room                 | Below Air Cleaner             |
| J105                   | W/H Main                        | Next to Yellow Label          |
| J301                   | W/H Main                        | Below Rear Left Seat          |
| J302                   | W/H Main                        | Below Rear Left Seat          |
| J303                   | W/H Main                        | Below Rear Right Seat         |
| J304                   | W/H Main                        | Below Rear Right Seat         |
| G205                   | W/H Main                        | Center "A" Pillar Front Right |

### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

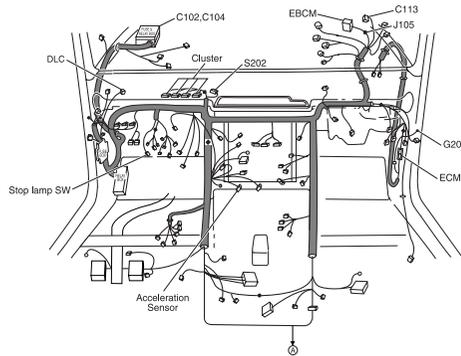


**c. POSITION OF CONNECTORS AND GROUNDS**

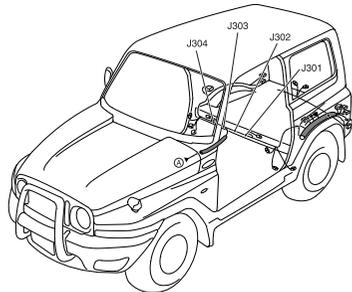
• W/H ENGINE ROOM



• W/H MAIN

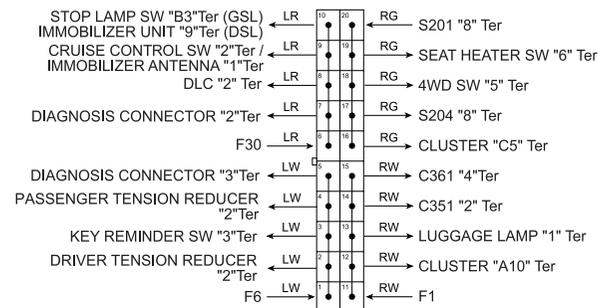


• W/H MAIN (FLOOR)



**d. SPLICE PACK**

**S202 (BLACK)**



**e. JOINT**

**J101**



**J102**



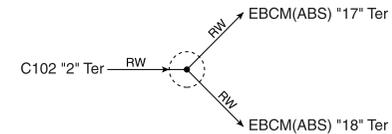
**J103**



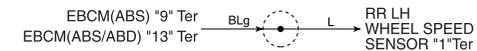
**J104**



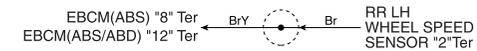
**J105**



**J301**



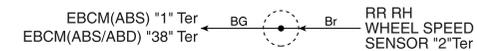
**J302**



**J303**

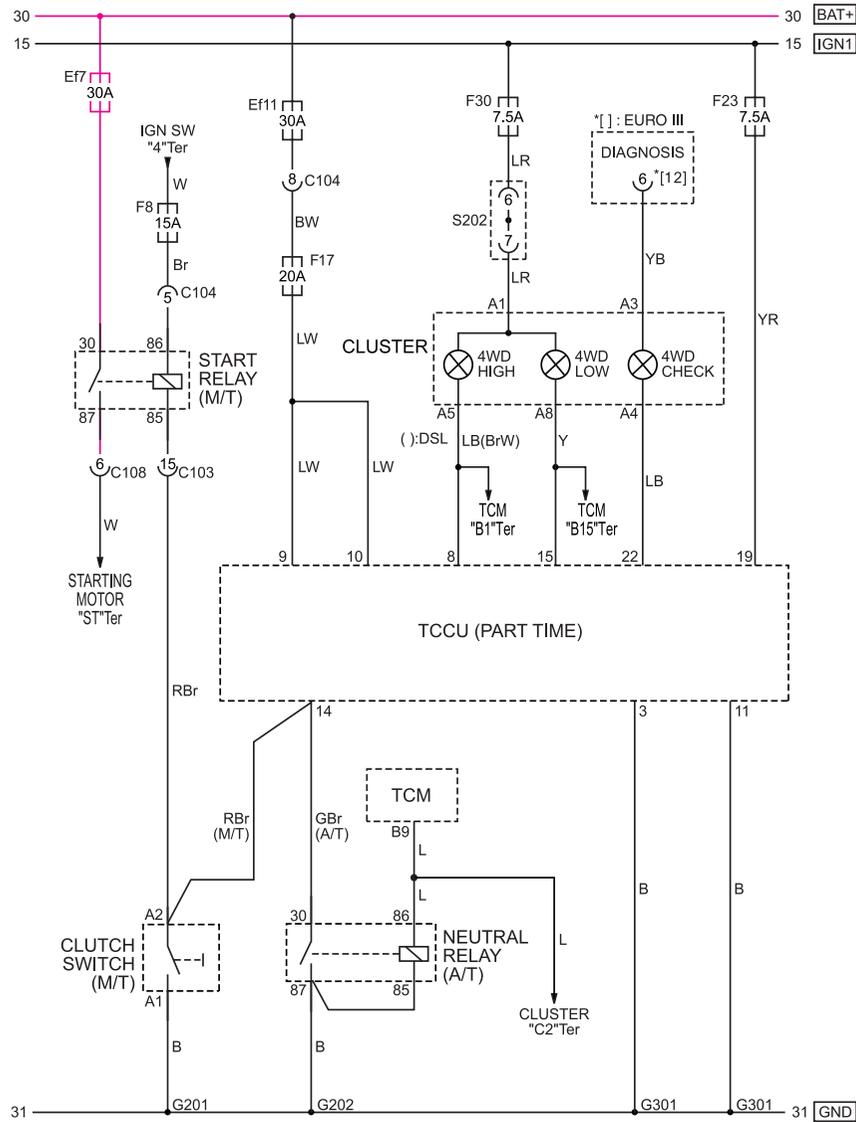


**J304**



### 13. TCCU

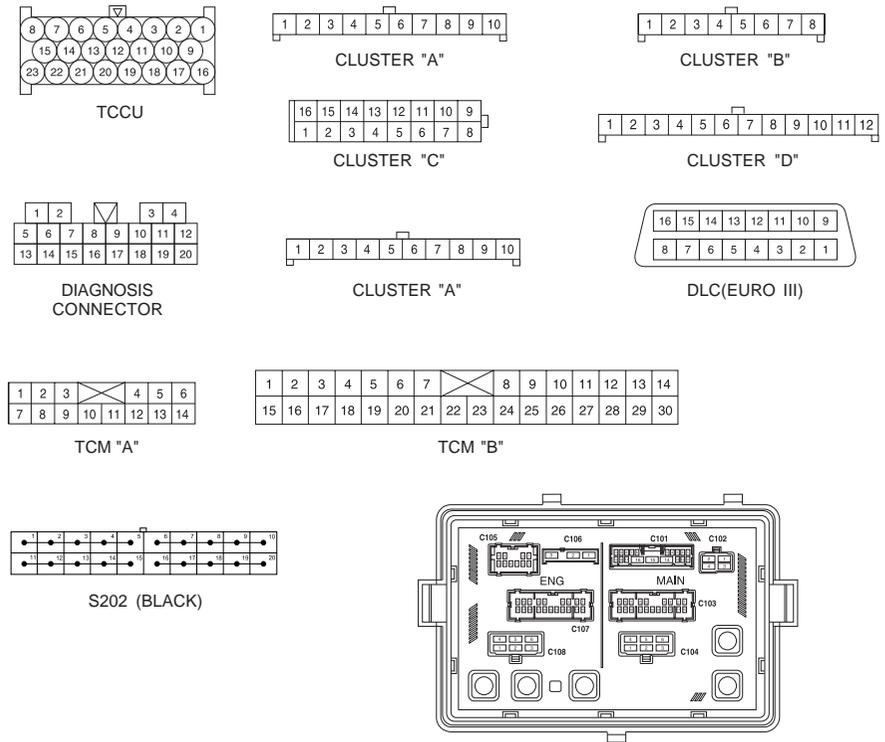
#### 1) INDICATOR, DIAGNOSIS



#### a. CONNECTOR INFORMATION

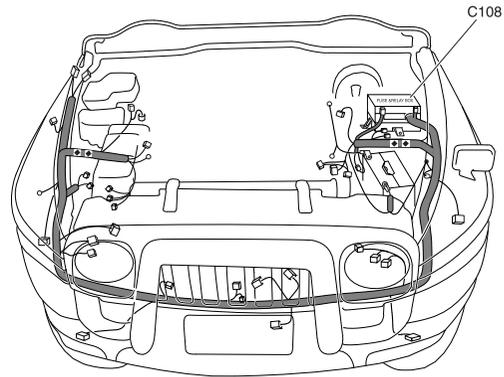
| CONNECTOR(NUMBER)      | CONNECTING WIRING HARNESS              | CONNECTOR POSITION        |
|------------------------|--|---------------------------|
| C102 (22Pin, White)    | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box      |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box      |
| C108 (6Pin, Colorless) | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box      |
| S202 (20Pin,Black)     | W/H Main                               | Behind Cluster            |
| G201                   | W/H Main                               | Upper Front Left Leg Room |
| G202                   | W/H Main                               | Upper Front Left Leg Room |
| G301                   | W/H Main                               | Below Front Left Seat     |

#### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



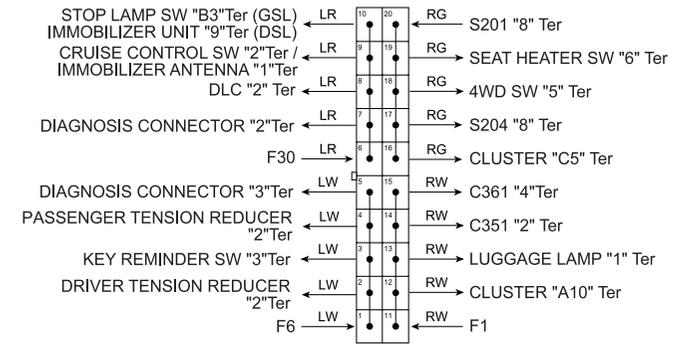
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H ENGINE ROOM

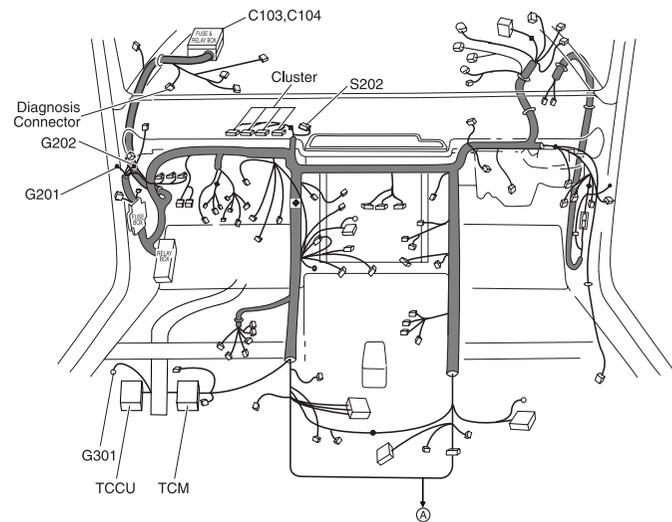


**d. SPLICE PACK**

**S202 (BLACK)**



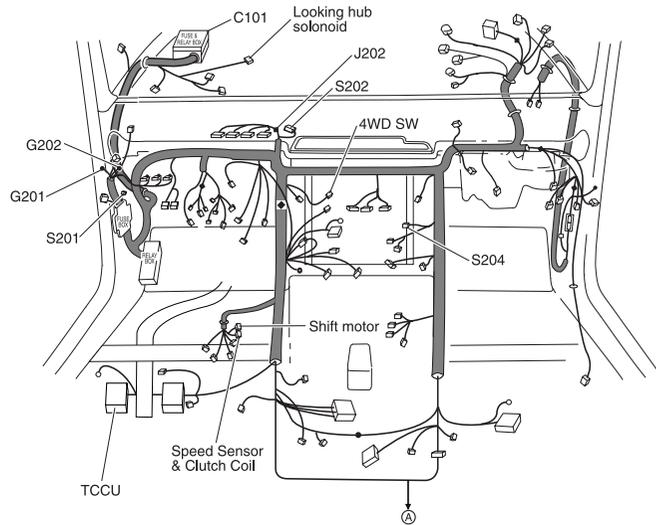
- W/H MAIN





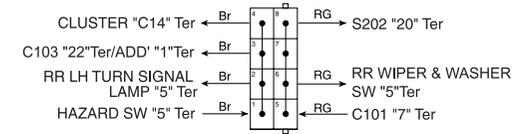
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

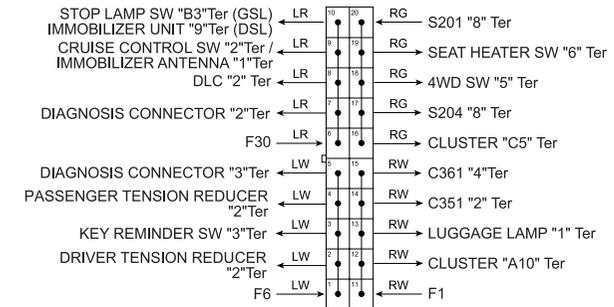


**d. SPLICE PACK**

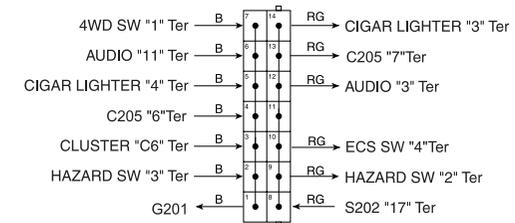
**S201 (COLORLESS)**



**S202 (BLACK)**

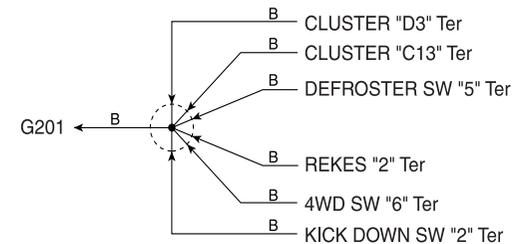


**S204 (COLORLESS)**



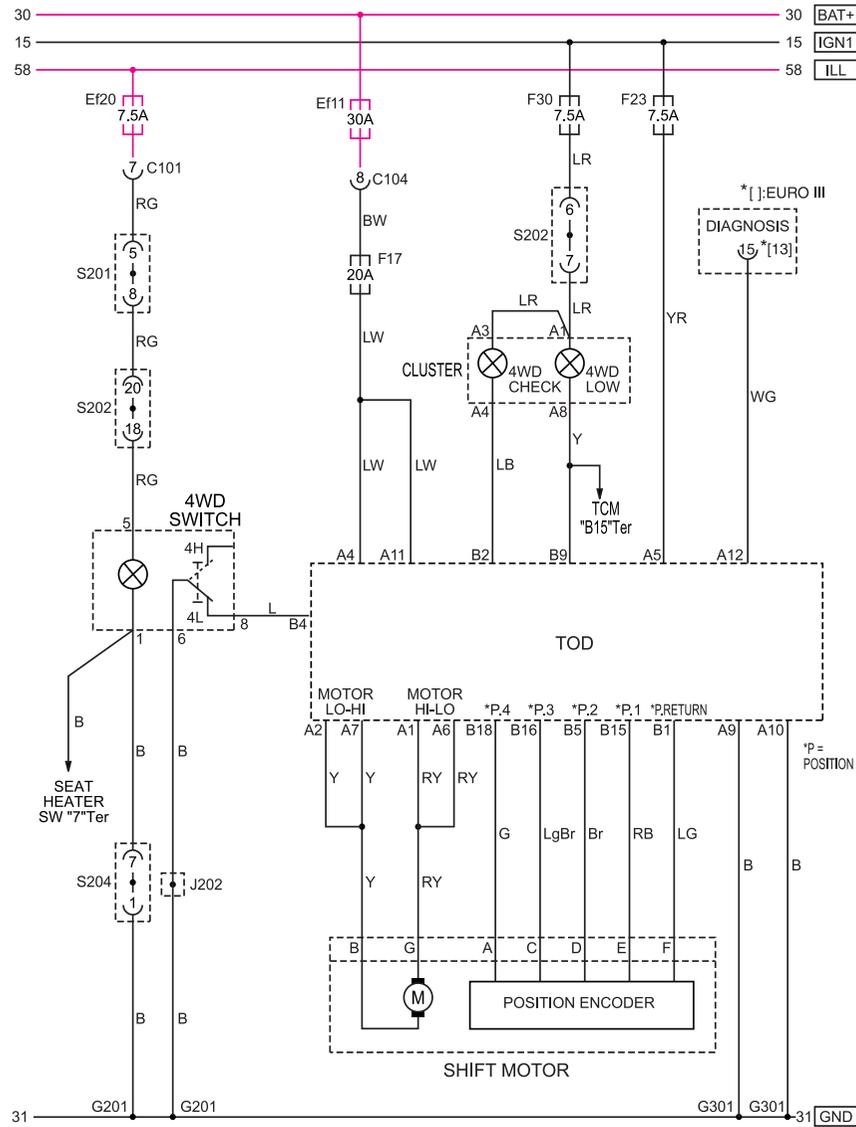
**e. JOINT**

**J202**



### 14. TOD (TORQUE ON DEMAND)

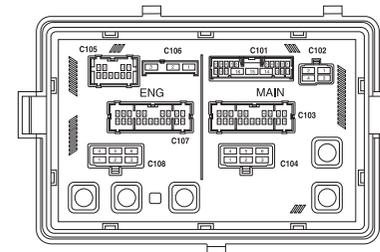
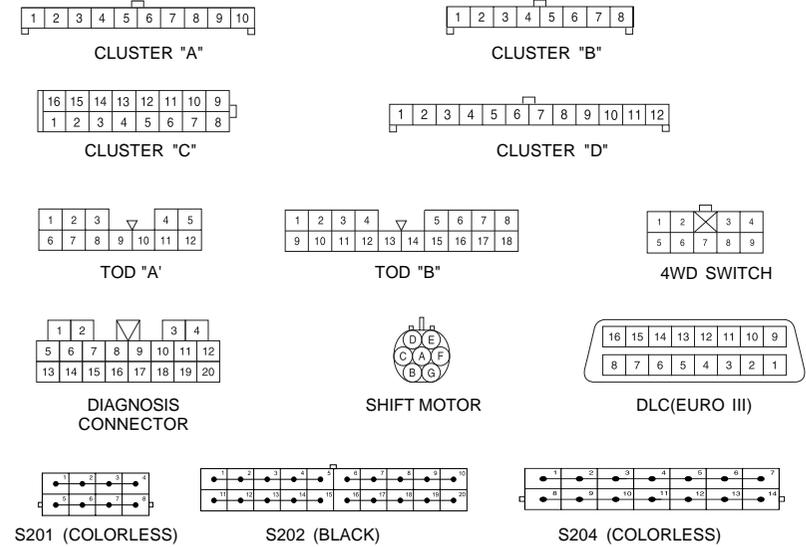
#### 1) 4WD SWITCH, INDICATOR, DIAGNOSIS, SHIFT MOTOR



#### a. CONNECTOR INFORMATION

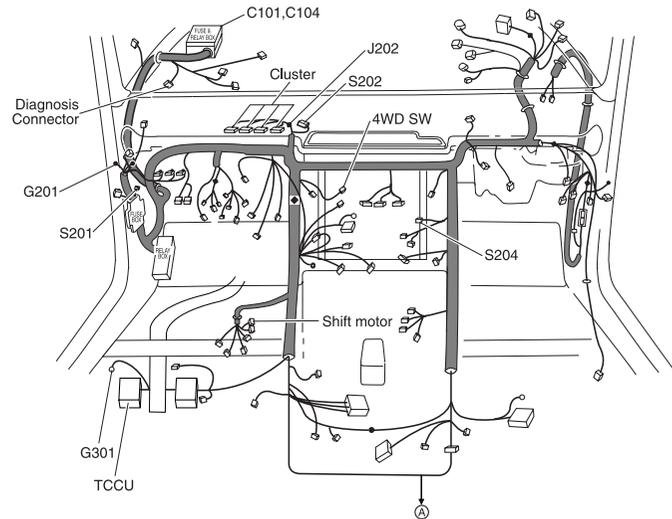
| CONNECTOR(NUMBER)       | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION              |
|-------------------------|---------------------------------|---------------------------------|
| C101 (19Pin, White)     | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box            |
| C104 (8Pin, Colorless)  | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box            |
| S201 (8Pin, Colorless)  | W/H Main                        | Upper Fuse Box (Passenger Room) |
| S202 (20Pin, Black)     | W/H Main                        | Behind Cluster                  |
| S204 (14Pin, Colorless) | W/H Main                        | Behind Audio                    |
| J202                    | W/H Main                        | Behind Cluster                  |
| G201                    | W/H Main                        | Upper Front Left Leg Room       |
| G301                    | W/H Main                        | Below Front Left Seat           |

#### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



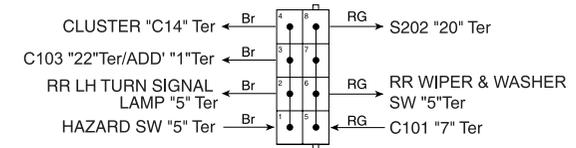
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

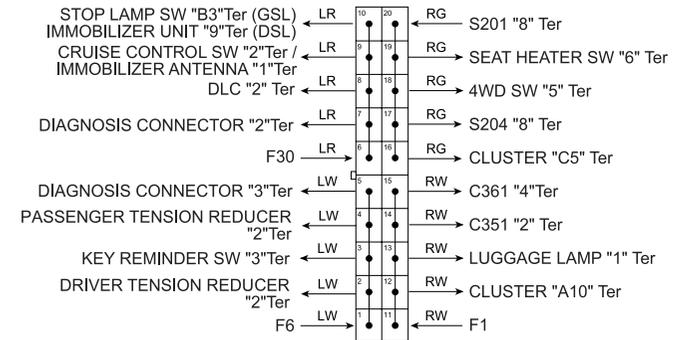


**d. SPLICE PACK**

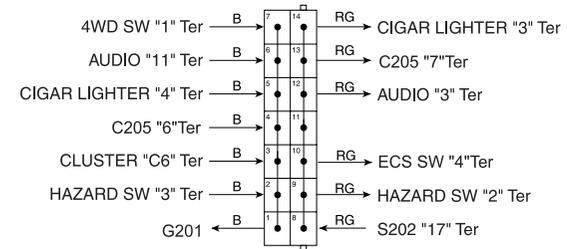
**S201 (COLORLESS)**



**S202 (BLACK)**

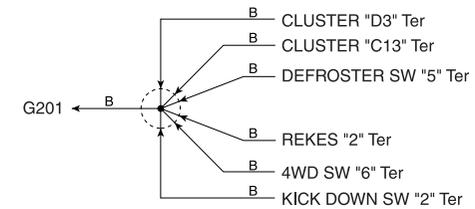


**S204 (COLORLESS)**



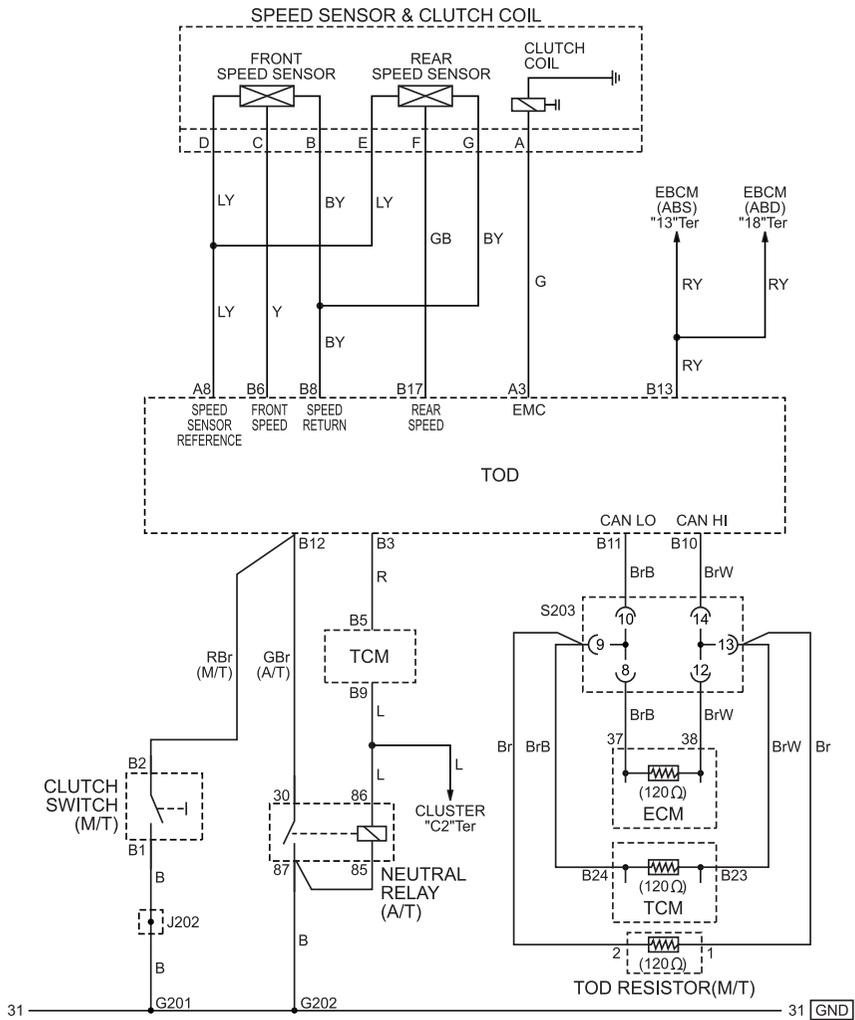
**e. JOINT**

**J202**



2) SPEED SENSOR & CLUTCH (COIL, CLUTCH SW(M/T) & NEUTRAL RELAY(A/T))

30 ————— 30 [BAT+]

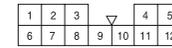


31 ————— 31 [GND]

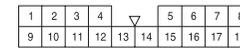
a. CONNECTOR INFORMATION

| CONNECTOR (NUMBER)  | CONNECTING WIRING HARNESS | CONNECTOR POSITION            |
|---------------------|---------------------------|-------------------------------|
| S203 (20Pin, Black) | W/H Main                  | Behind Cluster                |
| J201                | W/H Main                  | Above FRT LH Seat Under Cover |
| G201                | W/H Main                  | Upper Front Left Leg Room     |
| G202                | W/H Main                  | Upper Front Left Leg Room     |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



TOD "A"



TOD "B"



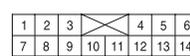
SPEED SENSOR & CLUTCH COIL



CLUTCH SW "B"



TOD RESISTOR



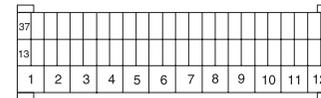
TCM "A"



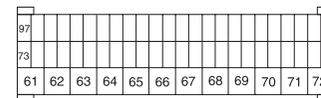
TCM "B"



S203 (COLORLESS)



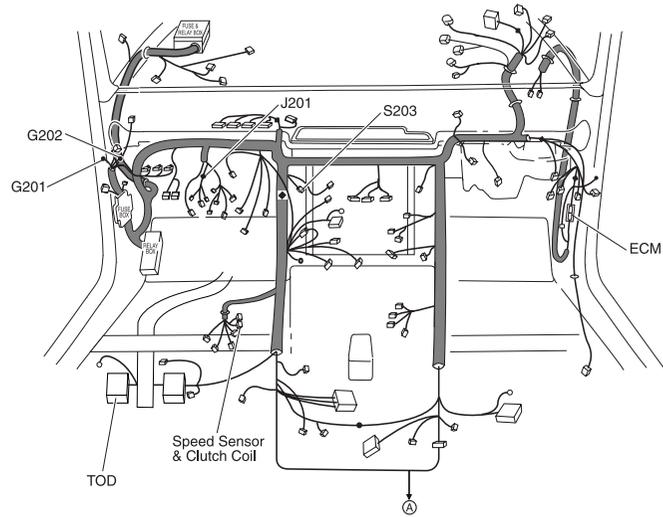
ECM



ECM

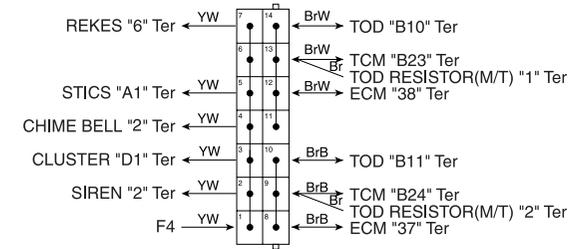
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN



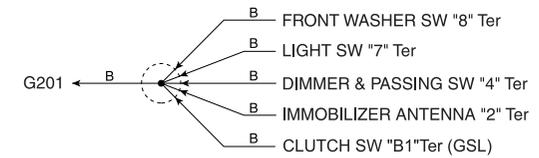
**d. SPLICE PACK**

**S203 (COLORLESS)**



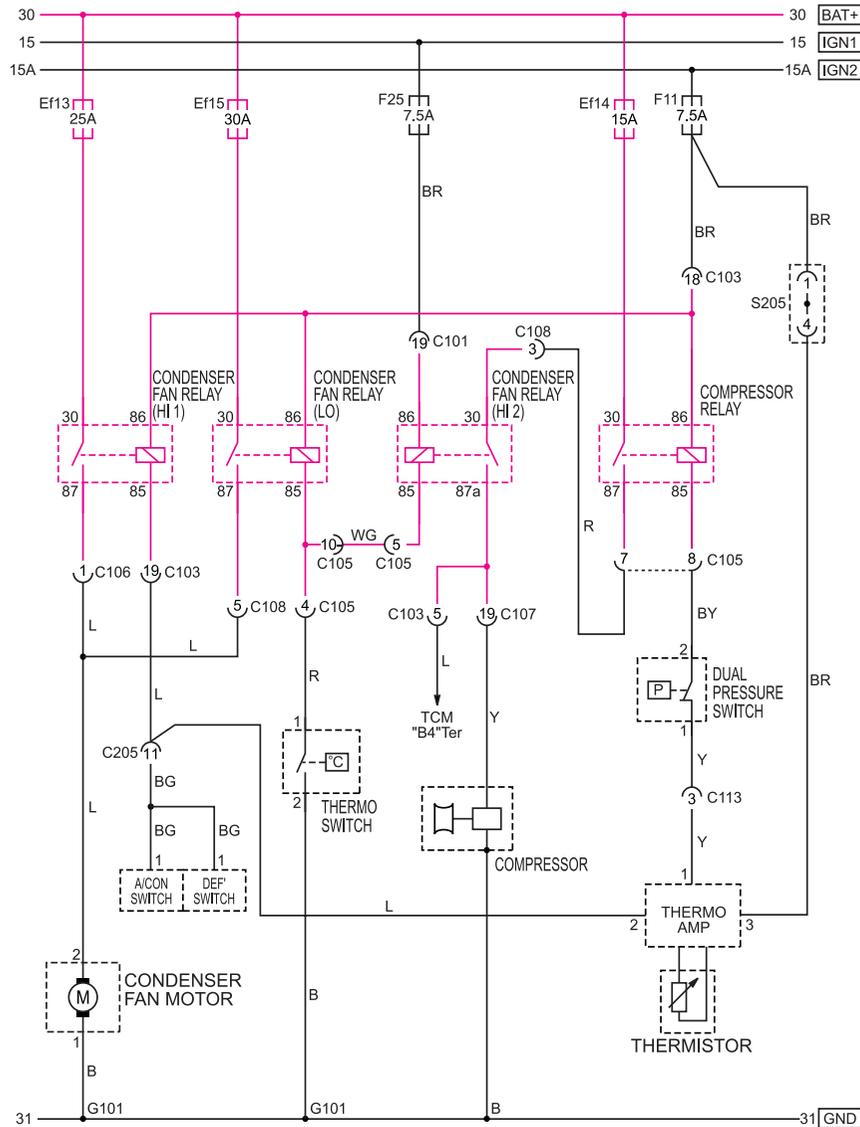
**e. JOINT**

**J202**



### 15. MANUAL AIR CONDITIONING SYSTEM : DIESEL

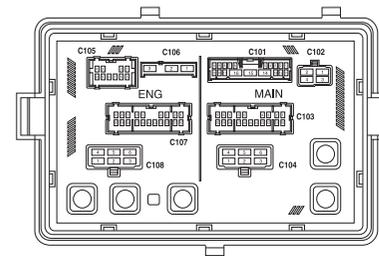
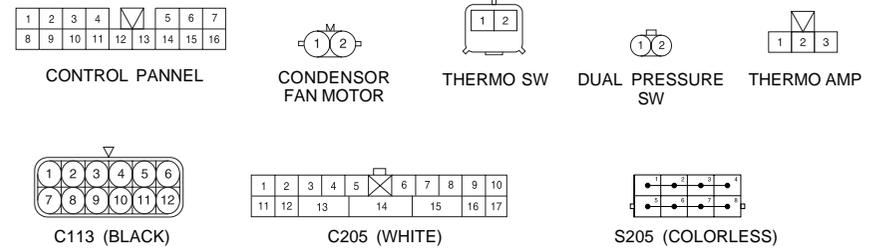
#### 1) CONDENSER FAN MOTOR, THERMO SWITCH, COMPRESSOR, THERMO AMP



#### a. CONNECTOR INFORMATION

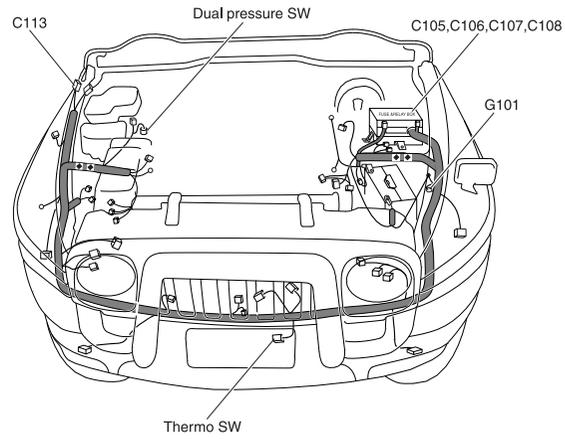
| CONNECTOR(NUMBER)      | CONNECTING.WIRING HARNESS              | CONNECTOR POSITION            |
|------------------------|--|-------------------------------|
| C101 (19Pin, White)    | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box          |
| C103 (22Pin, White)    | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box          |
| C105 (10Pin, White)    | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box          |
| C106 (3Pin, Black)     | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box          |
| C107 (20Pin, White)    | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box          |
| C108 (6Pin, Colorless) | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box          |
| C113 (12Pin, Black)    | W/H Engine Room - W/H Main             | Next to Hydraulic Unit        |
| C205 (17Pin, White)    | W/H Main - W/H Air Conditioner         | Upper Evaporator              |
| S205 (8Pin, Colorless) | W/H Main                               | Behind Front Right Kick Panel |
| G101                   | W/H Engine Main                        | Left Fender Next to Battery   |

#### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

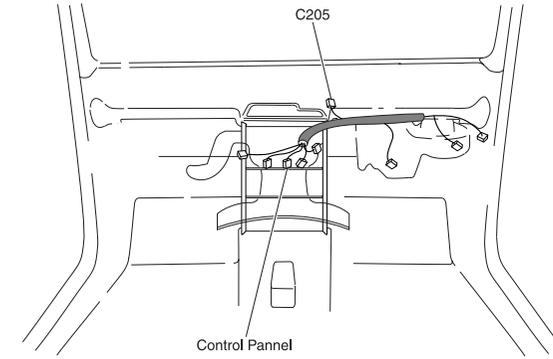


**c. POSITION OF CONNECTORS AND GROUNDS**

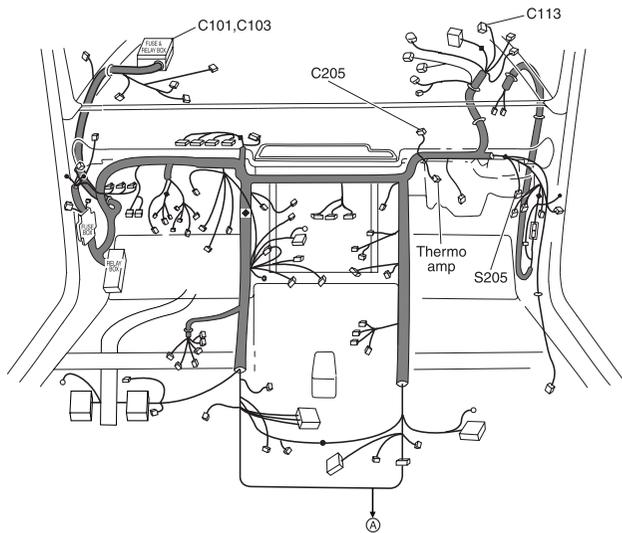
- W/H ENGINE ROOM



- W/H AIR-CONDITIONER

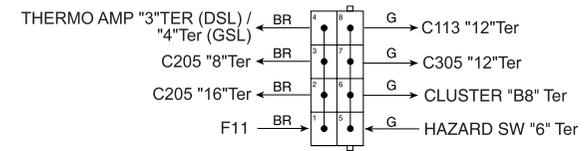


- W/H MAIN



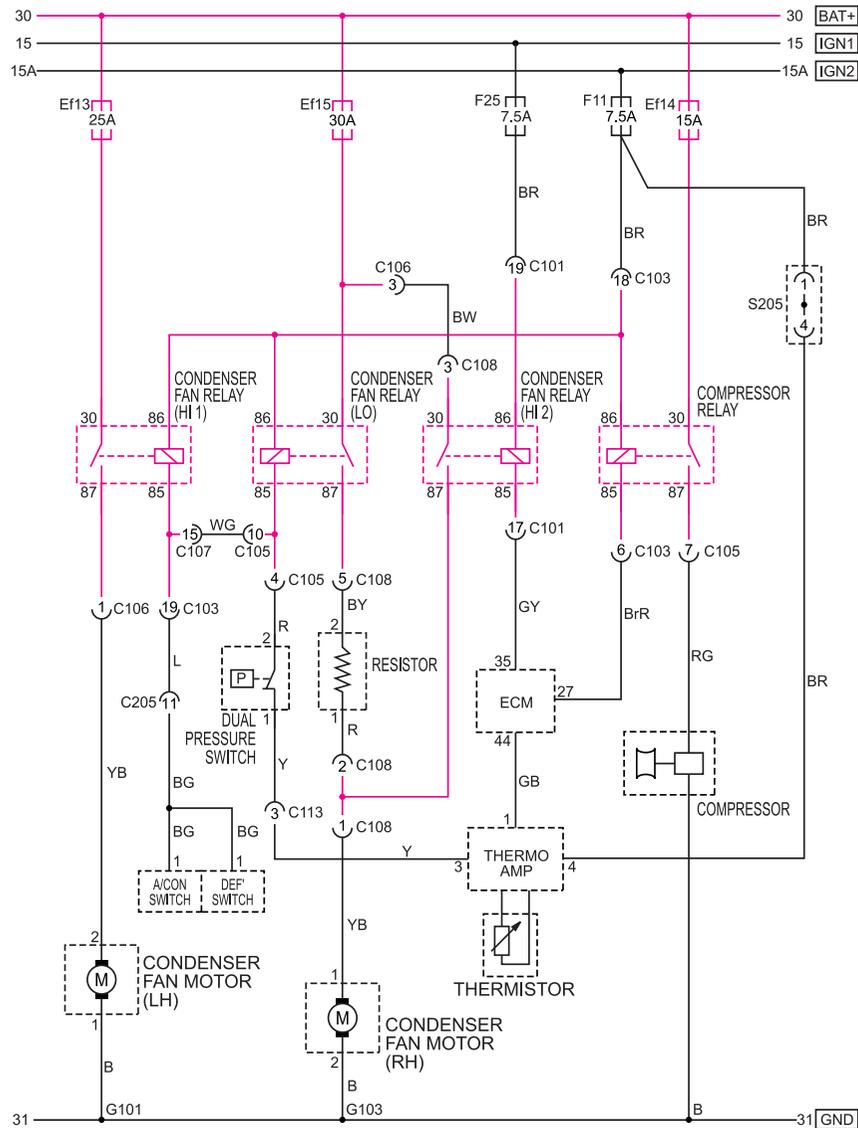
**d. SPLICE PACK**

**S205 (COLORLESS)**



# MANUAL AIR CONDITIONING SYSTEM : GASOLINE

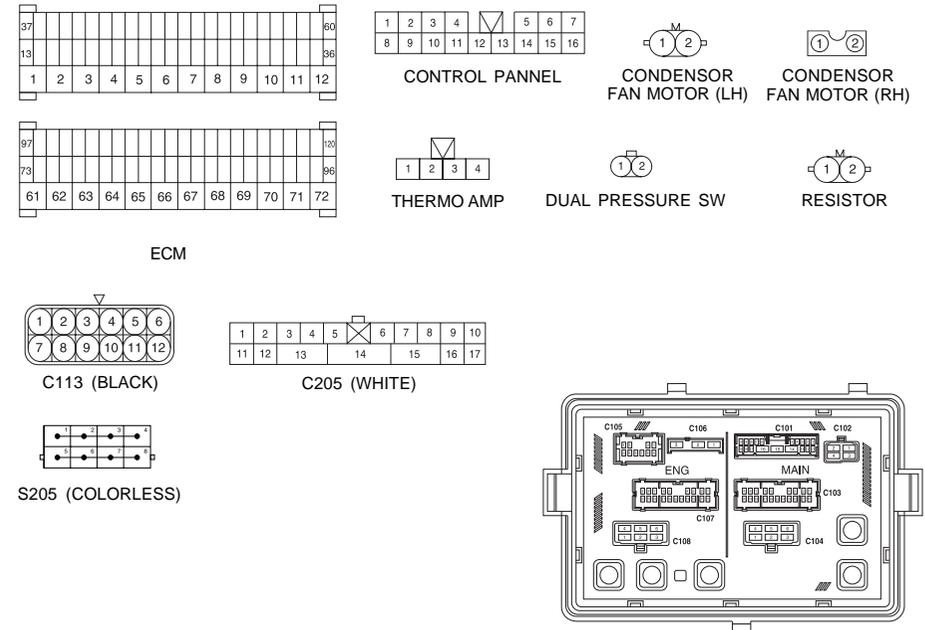
## 1) CONDENSER FAN MOTOR(LH/RH), COMPRESSOR, THERMO AMP



### a. CONNECTOR INFORMATION

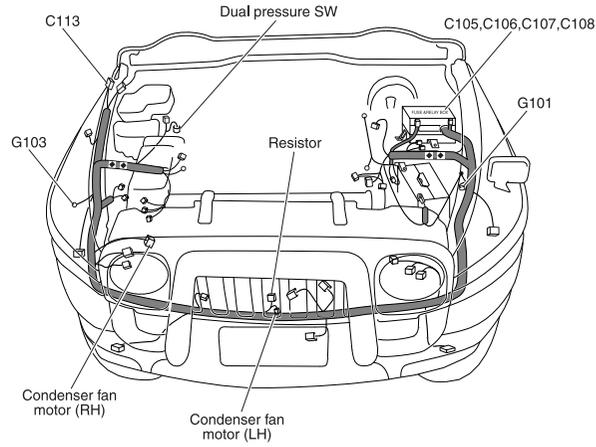
| CONNECTOR(NUMBER)      | CONNECTING.WIRING HARNESS              | CONNECTOR POSITION            |
|------------------------|--|-------------------------------|
| C101 (19Pin, White)    | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box          |
| C103 (22Pin, White)    | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box          |
| C105 (10Pin, White)    | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box          |
| C106 (3Pin, Black)     | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box          |
| C107 (20Pin, White)    | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box          |
| C108 (6Pin, Colorless) | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box          |
| C113 (12Pin, Black)    | W/H Engine Room - W/H Main             | Next to Hydraulic Unit        |
| C205 (17Pin, White)    | W/H Main - W/H Air Conditioner         | Upper Evaporator              |
| S205 (8Pin, Colorless) | W/H Main                               | Behind Front Right Kick Panel |
| G101                   | W/H Engine Room                        | Left Fender Next to Battery   |
| G103                   | W/H Engine Room                        | Right Fender Engine Room      |

### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

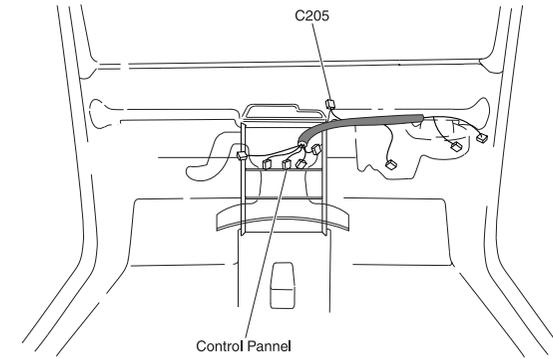


**c. POSITION OF CONNECTORS AND GROUNDS**

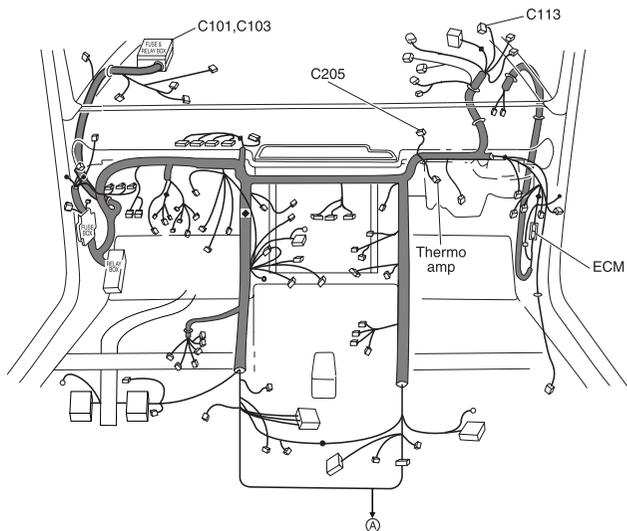
- W/H ENGINE ROOM



- W/H AIR-CONDITIONER

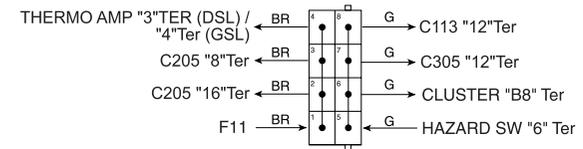


- W/H MAIN

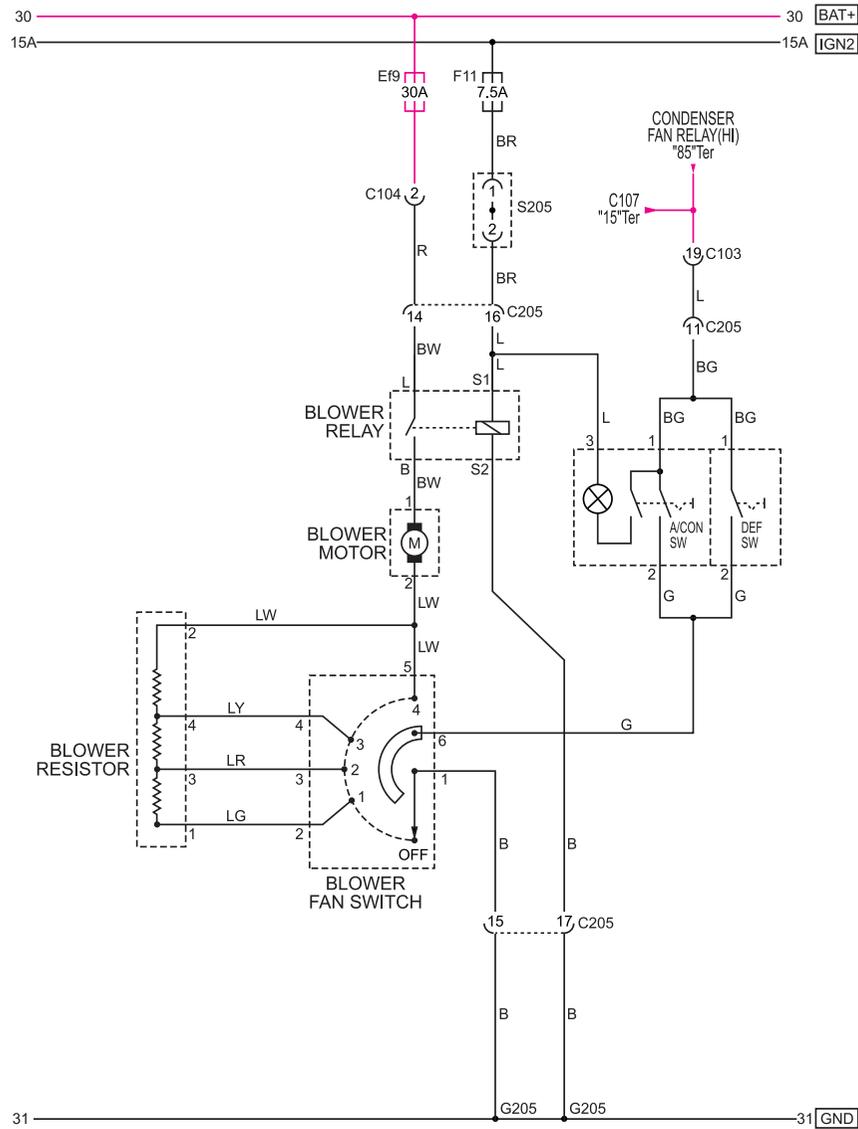


**d. SPLICE PACK**

**S205 (COLORLESS)**



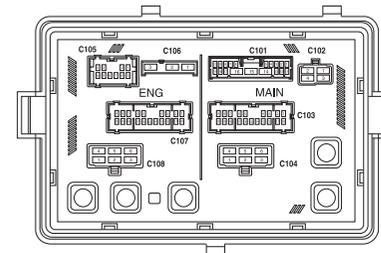
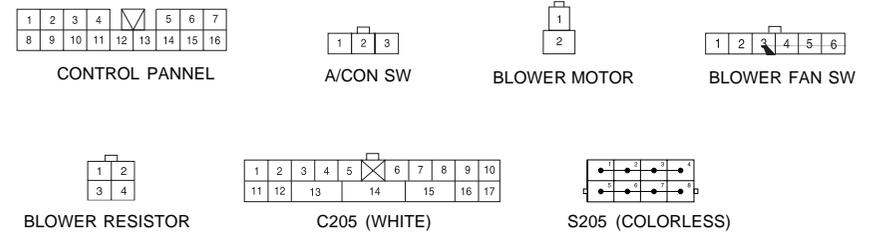
2) BLOWER MOTOR CIRCUIT



a. CONNECTOR INFORMATION

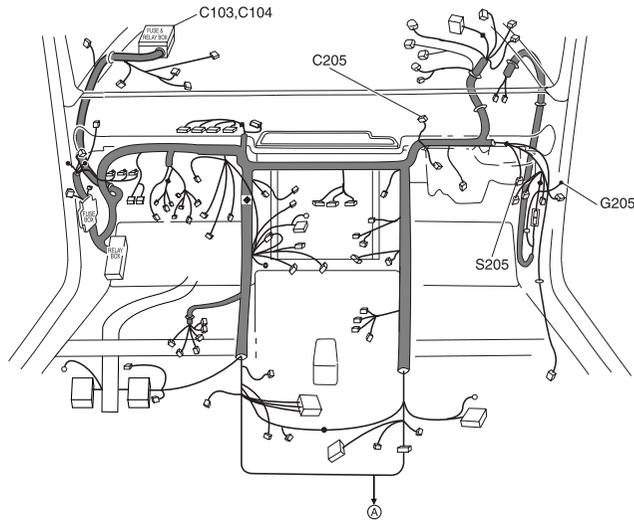
| CONNECTOR(NUMBER)     | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION            |
|-----------------------|---------------------------------|-------------------------------|
| C103 (22Pin,White)    | Engine Room Fuse Box – W/H Main | Engine Room Fuse Box          |
| C104 (8Pin,Colorless) | Engine Room Fuse Box – W/H Main | Engine Room Fuse Box          |
| C205 (17Pin,White)    | W/H Main – W/H Air Conditioner  | Upper Evaporator              |
| S205 (8Pin,Colorless) | W/H Main                        | Behind Front Right Kick Panel |
| G205                  | W/H Main                        | Center "A" Pillar Front Right |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

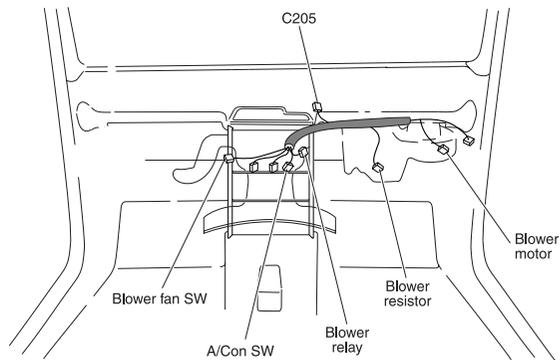


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

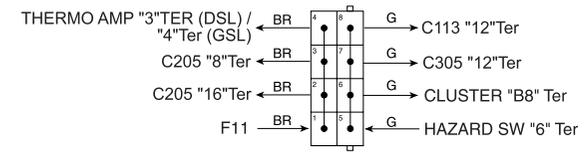


- W/H AIR-CONDITIONER

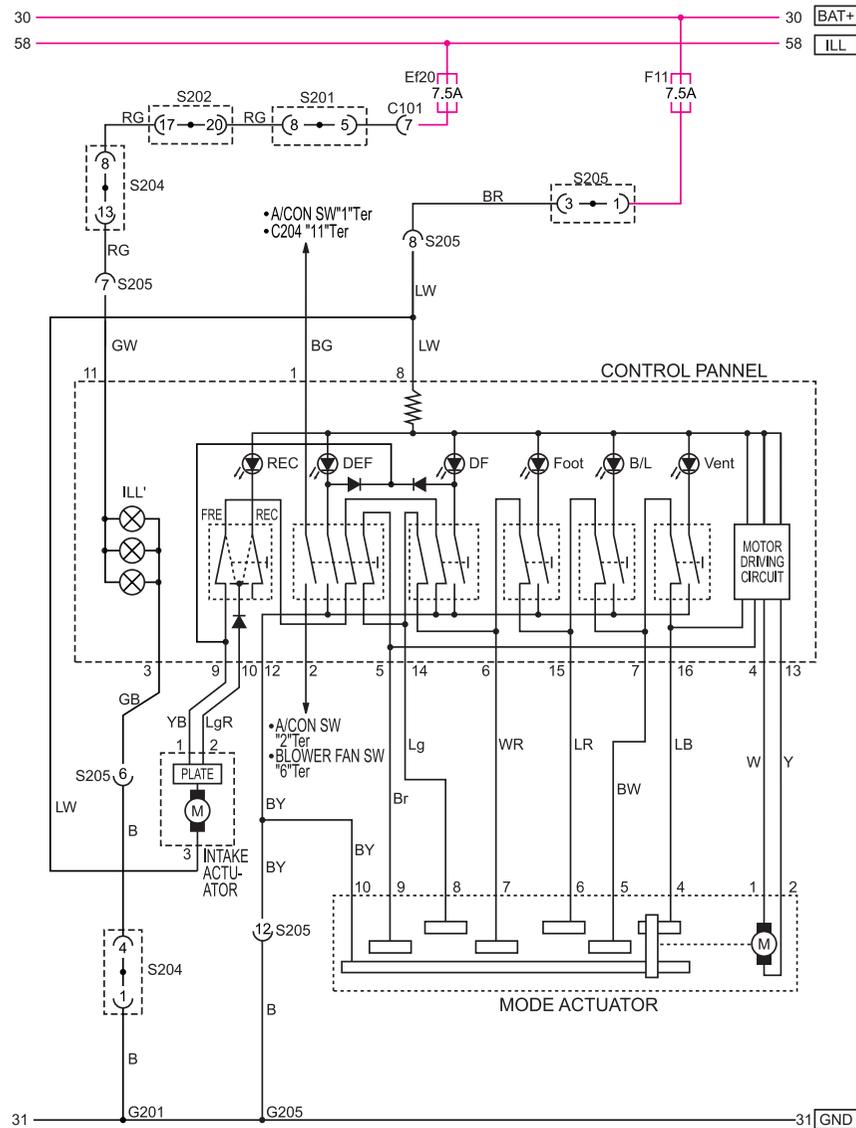


**d. SPLICE PACK**

**S205 (COLORLESS)**



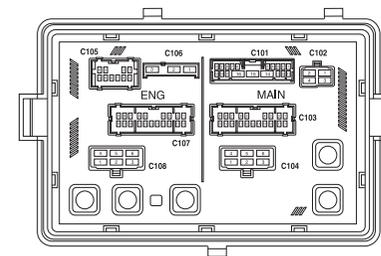
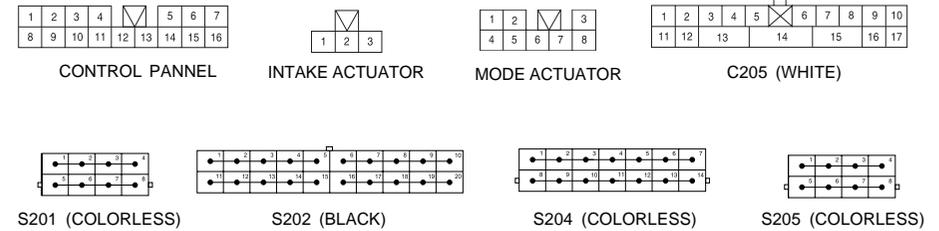
3) CONTROL PANNEL, INTAKE ACTUATOR, MODE ACTUATOR



a. CONNECTOR INFORMATION

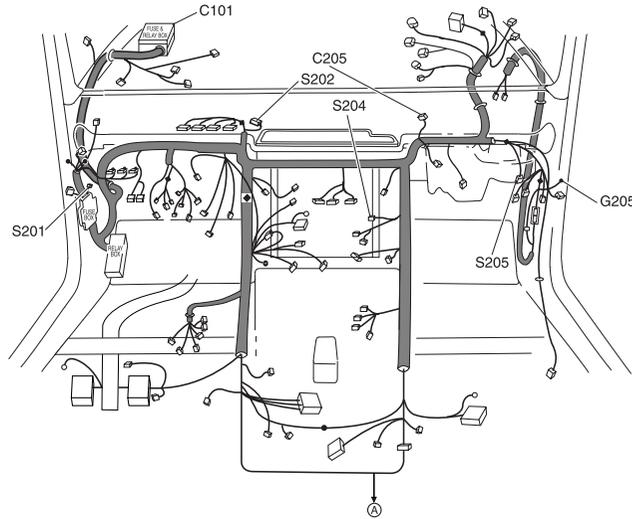
| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION            |
|------------------------|---------------------------------|-------------------------------|
| C101 (19Pin, White)    | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box          |
| C205 (17Pin,White)     | W/H Main - W/H Air Conditioner  | Upper Evaporator              |
| S201 (8Pin,Colorless)  | W/H Main                        | Upper Fuse Bos(Interior)      |
| S202 (20Pin,Black)     | W/H Main                        | Behind Cluster                |
| S204 (14Pin,Colorless) | W/H Main                        | Behind Audio                  |
| S205 (8Pin,Colorless)  | W/H Main                        | Behind Front Right Kick Panel |
| G201                   | W/H Main                        | Upper Front Left Leg Room     |
| G205                   | W/H Main                        | Center "A" Pillar Front Right |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

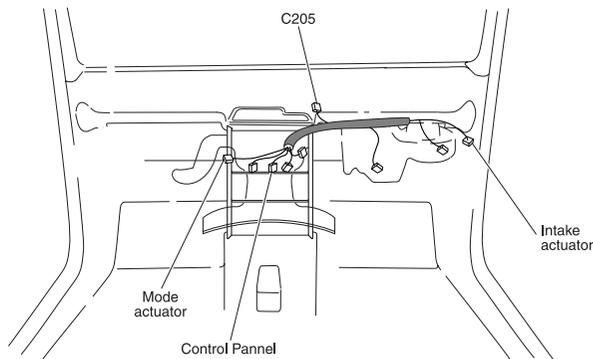


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

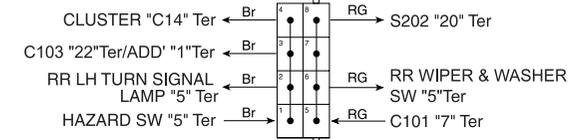


- W/H AIR-CONDITIONER

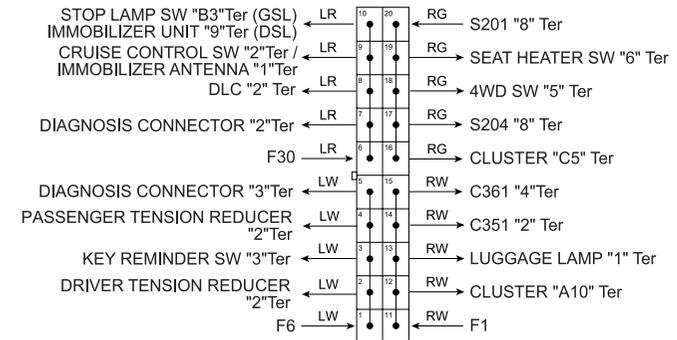


**d. SPLICE PACK**

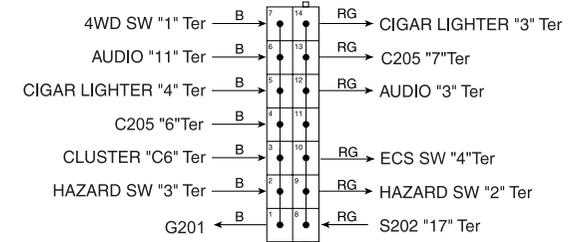
**S201 (COLORLESS)**



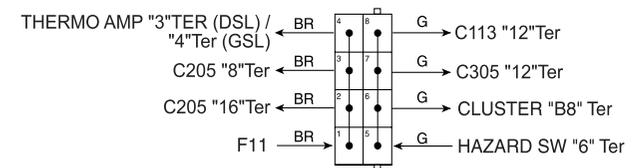
**S202 (BLACK)**



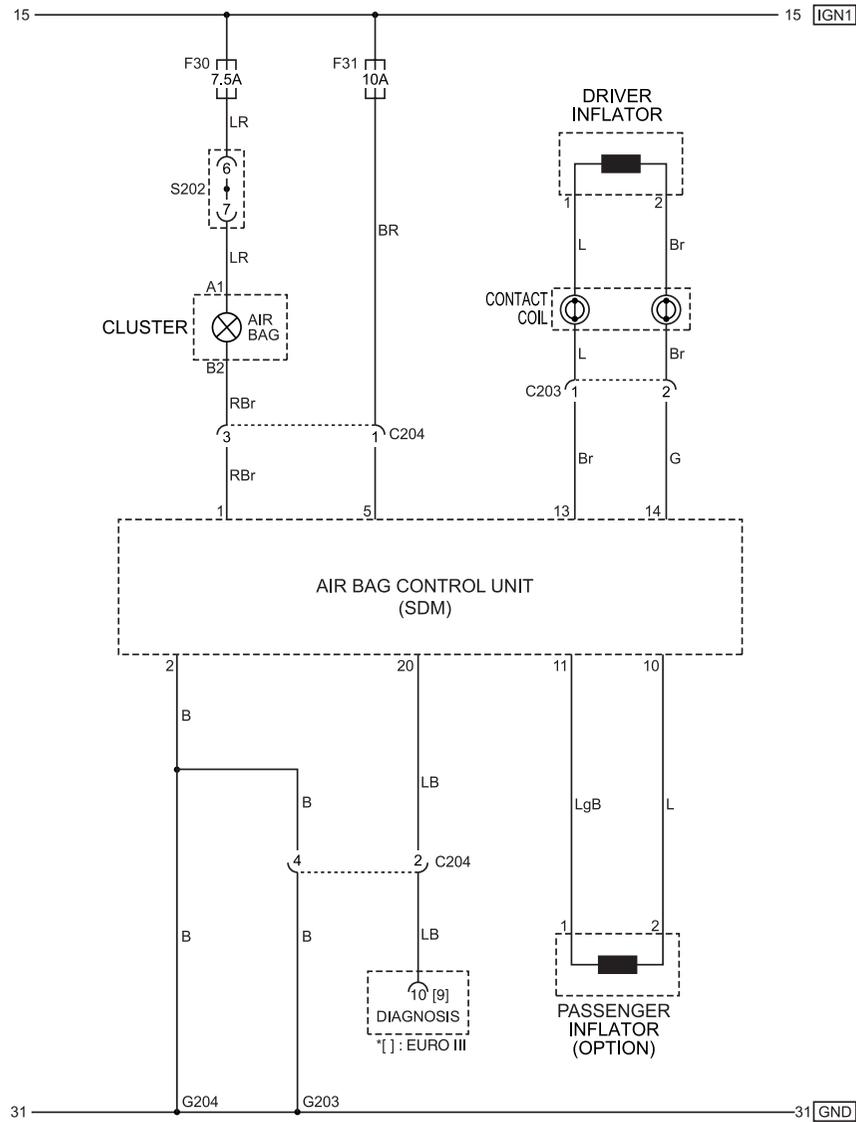
**S204 (COLORLESS)**



**S205 (COLORLESS)**



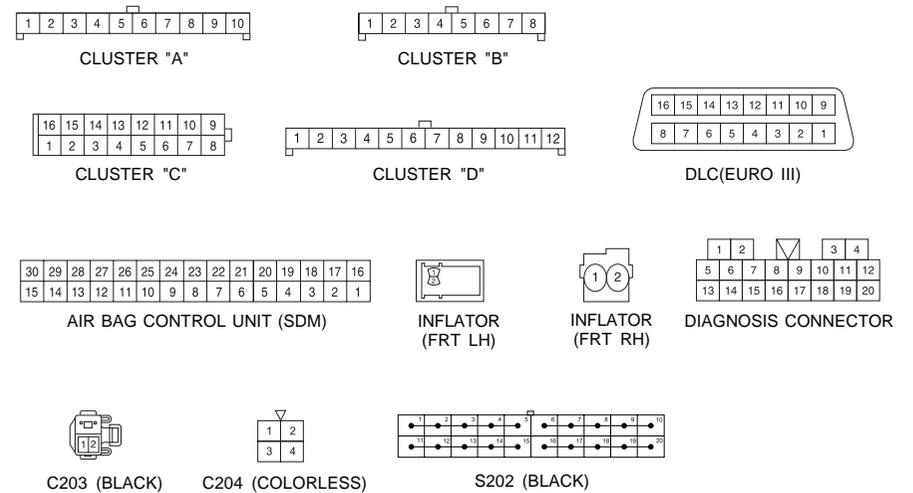
16. AIR BAG (SDM : SENSING & DIAGNOSIS MODULE)



a. CONNECTOR INFORMATION

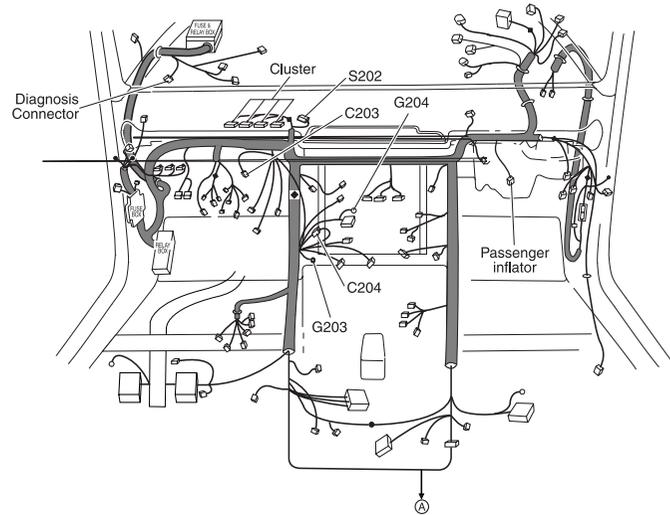
| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS | CONNECTOR POSITION            |
|------------------------|----------------------------|-------------------------------|
| C203 (2Pin, Black)     | W/H Main - W/H Air Bag     | Above Driver Seat Under Cover |
| C204 (4Pin, Colorless) | W/H Main - W/H SDM         | Lower Rear Center Facia       |
| S202 (20Pin,Black)     | W/H Main                   | Behind Cluster                |
| G203                   | W/H Main                   | Left Upper Center Facia       |
| G204                   | W/H Main                   | Left Lower Center Facia       |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



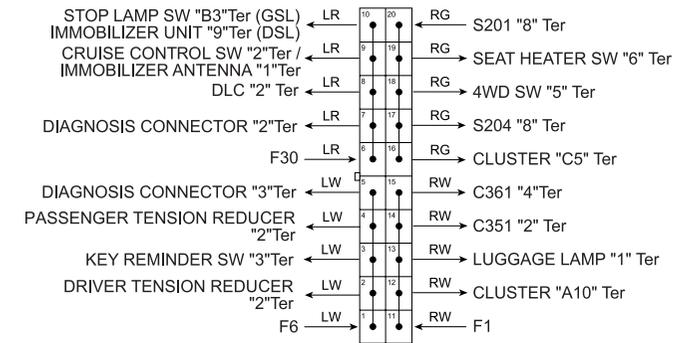
## c. POSITION OF CONNECTORS AND GROUNDS

- W/H MAIN

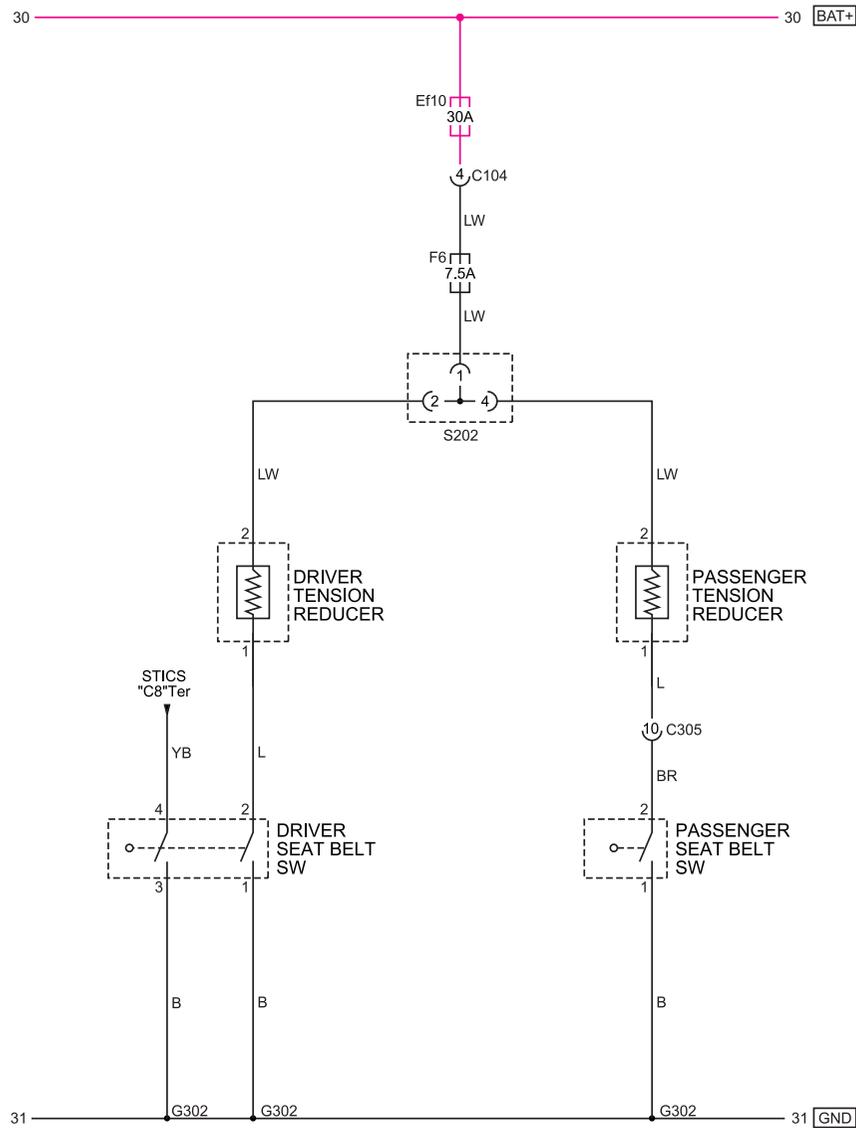


## d. SPLICE PACK

## S202 (BLACK)



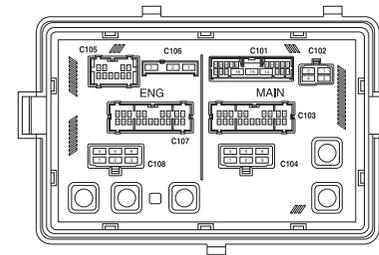
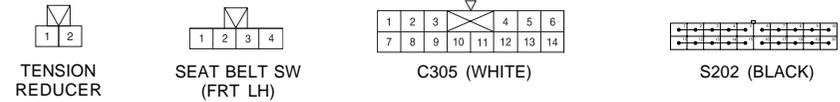
### 17. SEAT BELT & TENSION REDUCER



#### a. CONNECTOR INFORMATION

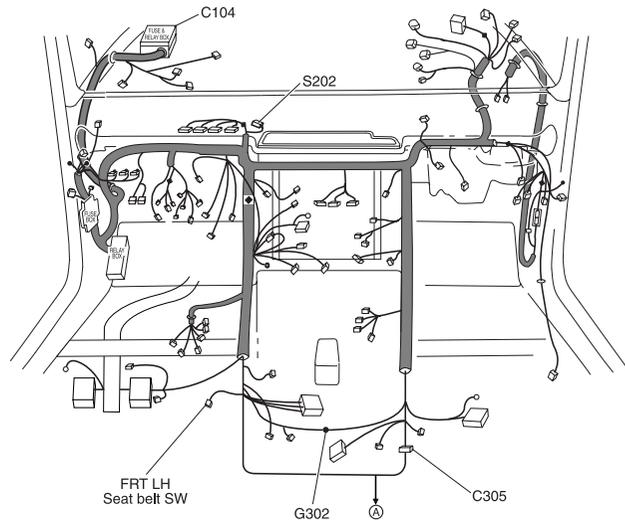
| CONNECTOR(NUMBER)     | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION   |
|-----------------------|---------------------------------|----------------------|
| C104 (8Pin,Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box |
| C305 (14Pin,White)    | W/H Main- W/H Main              | Below Center Console |
| S202 (20Pin,Black)    | W/H Main                        | Behind Cluster       |
| G302                  | W/H Main                        | Below Center Console |

#### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



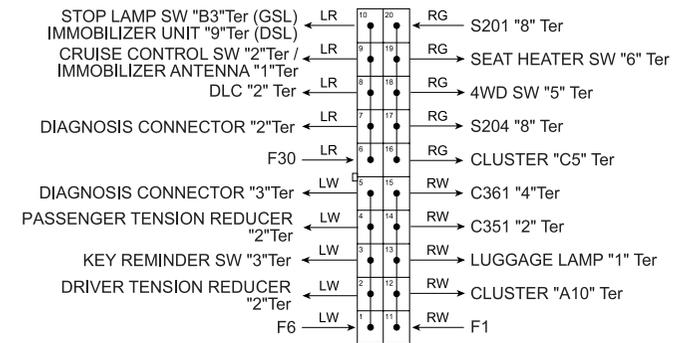
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

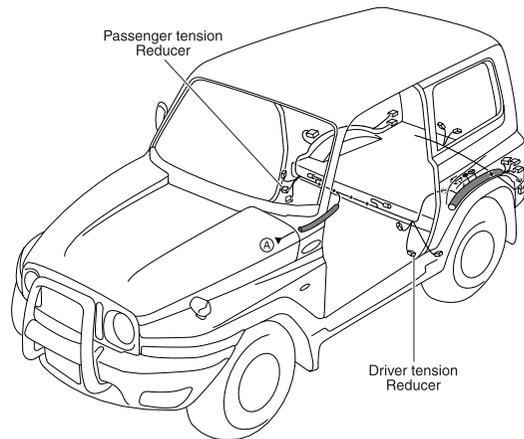


**d. SPLICE PACK**

**S202 (BLACK)**

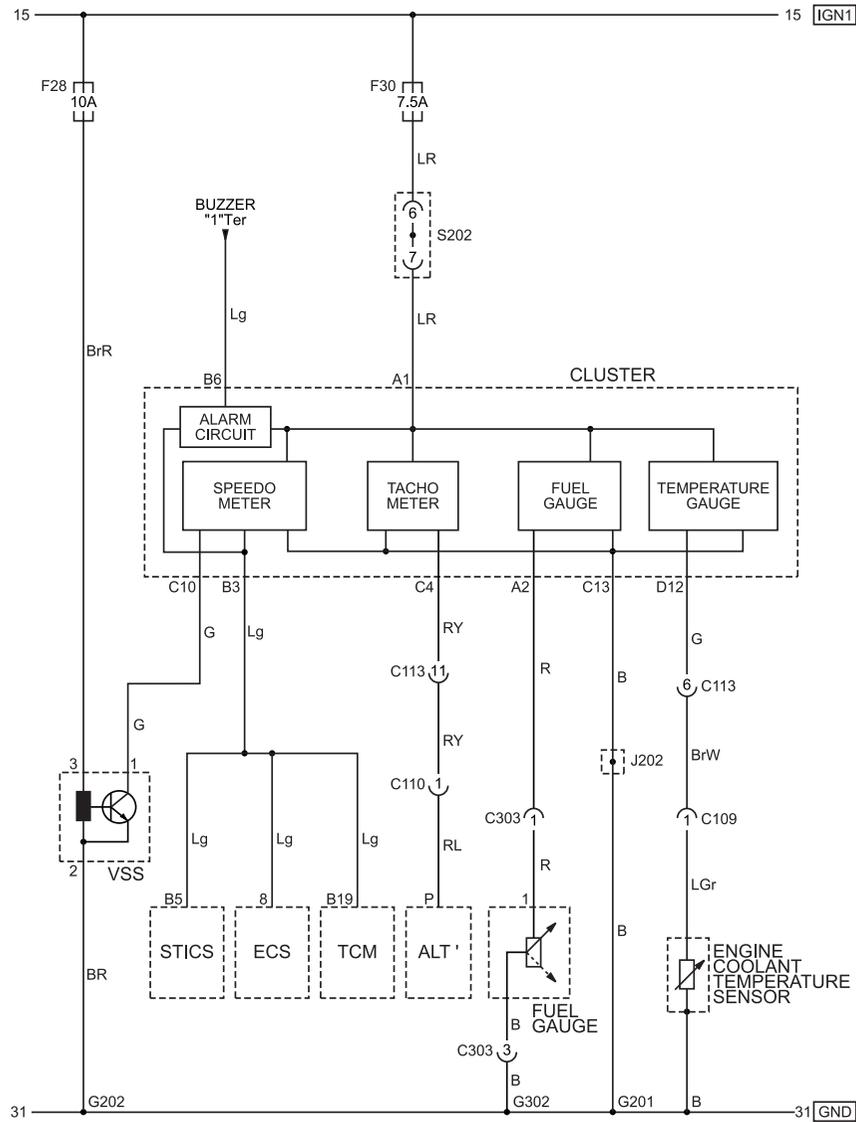


- W/H MAIN (FLOOR)



### 18. CLUSTER

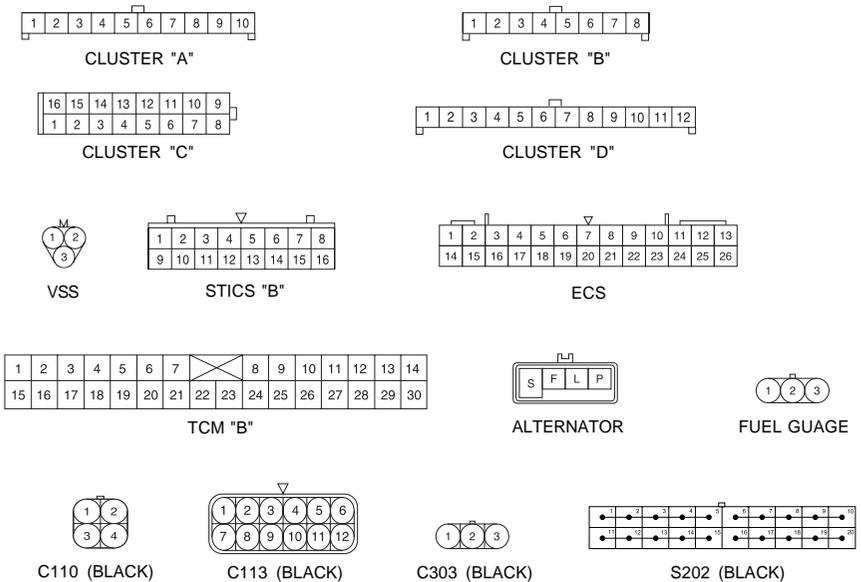
#### 1) VSS(VEHICLE SPEED SENSOR), METER(SPEEDO, TACHO) & GAUGE(FUEL, TEMPERATURE) - DIESEL



#### a. CONNECTOR INFORMATION

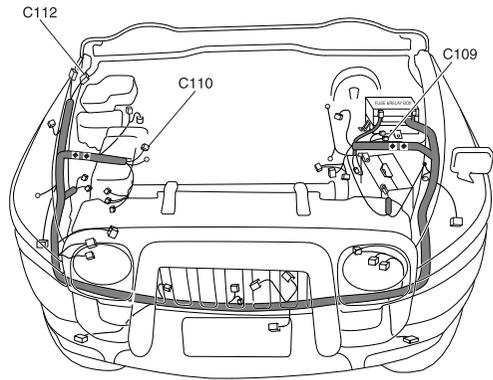
| CONNECTOR(NUMBER)  | CONNECTING.WIRING HARNESS              | CONNECTOR POSITION        |
|--------------------|--|---------------------------|
| C109 (1Pin,Black)  | Engine Room Fuse Box - W/H Pre Heating | Behind Battery            |
| C110 (2Pin, Black) | W/H Engine Room - W/H Alternator       | Below Air Cleaner         |
| C110 (4Pin, Black) | W/H Engine Room - W/H Alternator       | Below Air Cleaner         |
| C113 (12Pin,Black) | W/H Engine Room - W/H Main             | Next to Hydraulic Unit    |
| C303 (3Pin, Black) | W/H Main - W/H Fuel Pump               | Upper Transfer Case       |
| S202 (20Pin,Black) | W/H Main                               | Behind Cluster            |
| J202               | W/H Main                               | Behind Cluster            |
| G201               | W/H Main                               | Upper Front Left Leg Room |
| G202               | W/H Main                               | Upper Front Left Leg Room |
| G302               | W/H Main                               | Below Center Console      |

#### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

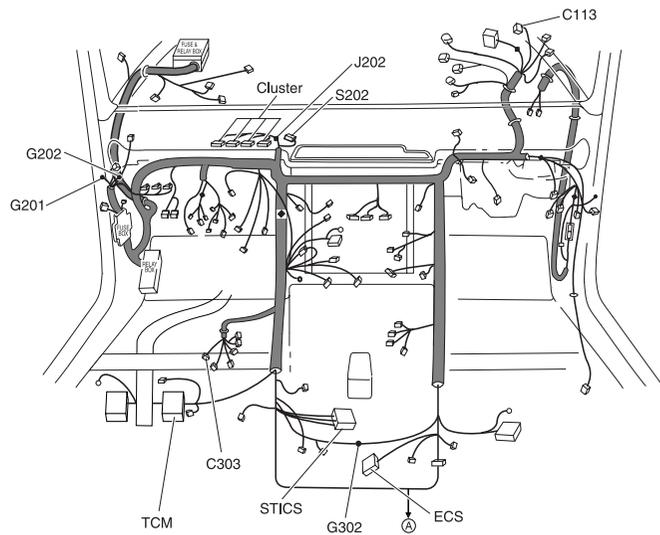


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H ENGINE ROOM

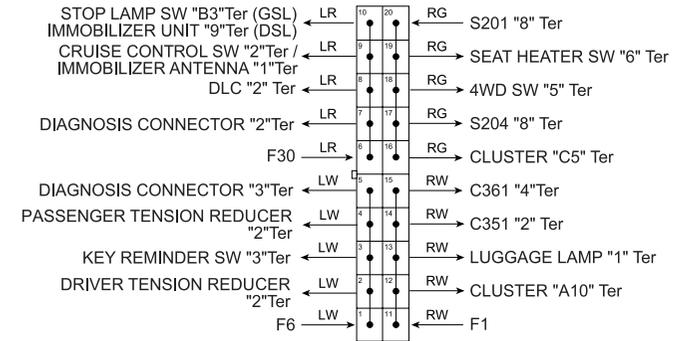


- W/H MAIN



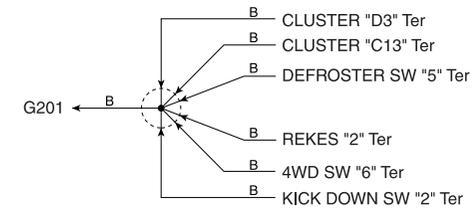
**d. SPLICE PACK**

**S202 (BLACK)**



**e. JOINT**

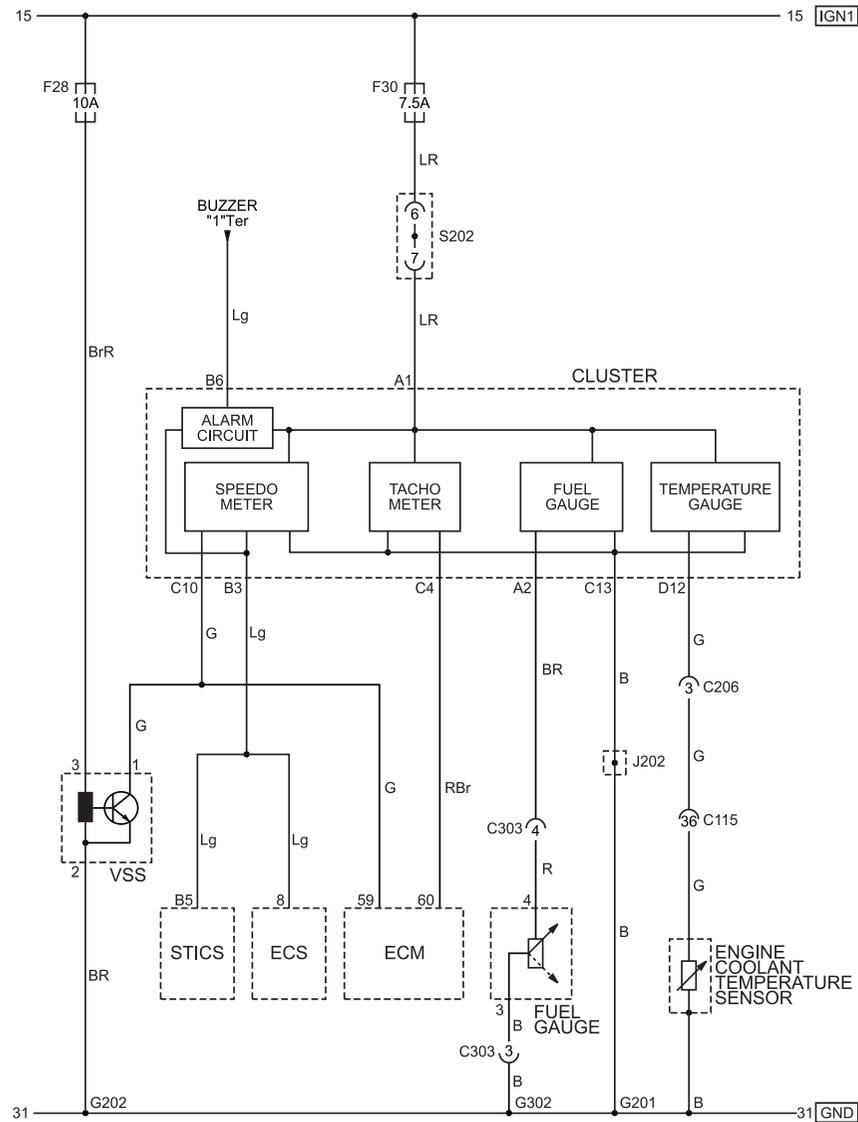
**J202**



5-96 ELECTRICAL WIRING DIAGRAMS

1) VSS(VEHICLE SPEED SENSOR), METER(SPEEDO, TACHO) & GAUGE(FUEL, TEMPERATURE) - GASOLINE

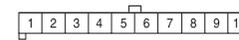
(1) W/O EURO III



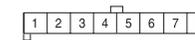
a. CONNECTOR INFORMATION

| CONNECTOR(NUMBER)  | CONNECTING.WIRING HARNESS         | CONNECTOR POSITION/REMARK    |
|--------------------|-----------------------------------|------------------------------|
| C115 (2Pin, Black) | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit        |
| C206 (4Pin, Black) | W/H Main - W/H ECM Main           | Lower "A" Pillar (Upper ECM) |
| C303 (4Pin, Black) | W/H Main - W/H Fuel Pump          | Upper Transfer Case          |
| S202 (20Pin,Black) | W/H Main                          | Behind Cluster               |
| J202               | W/H Main                          | Behind Cluster               |
| G201               | W/H Main                          | Upper Front Left Leg Room    |
| G202               | W/H Main                          | Upper Front Left Leg Room    |
| G302               | W/H Main                          | Below Center Console         |

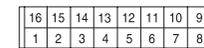
b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



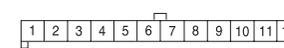
CLUSTER "A"



CLUSTER "B"



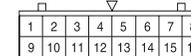
CLUSTER "C"



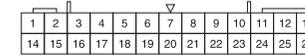
CLUSTER "D"



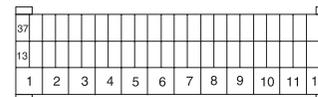
VSS



STICS "B"



ECS



ECM



C115 (BLACK)



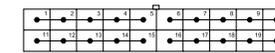
FUEL GAUGE



C206 (BLACK)



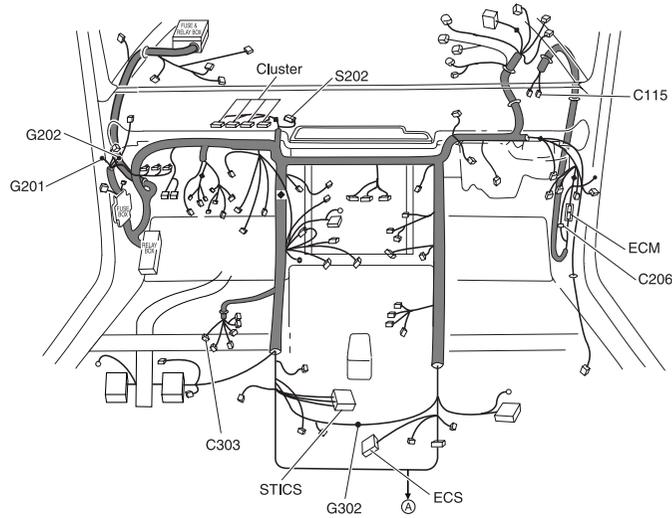
C303 (BLACK)



S202 (BLACK)

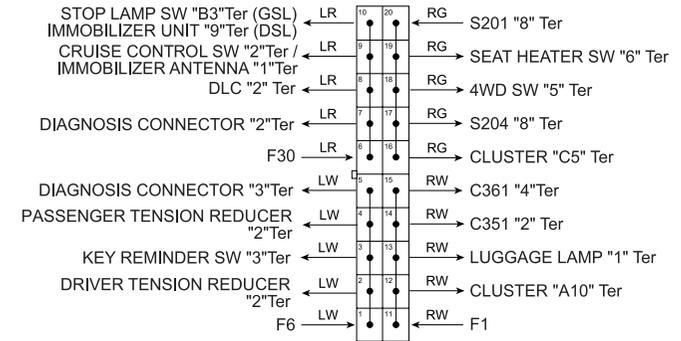
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN



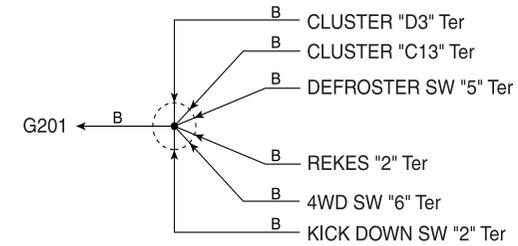
**d. SPLICE PACK**

**S202 (BLACK)**

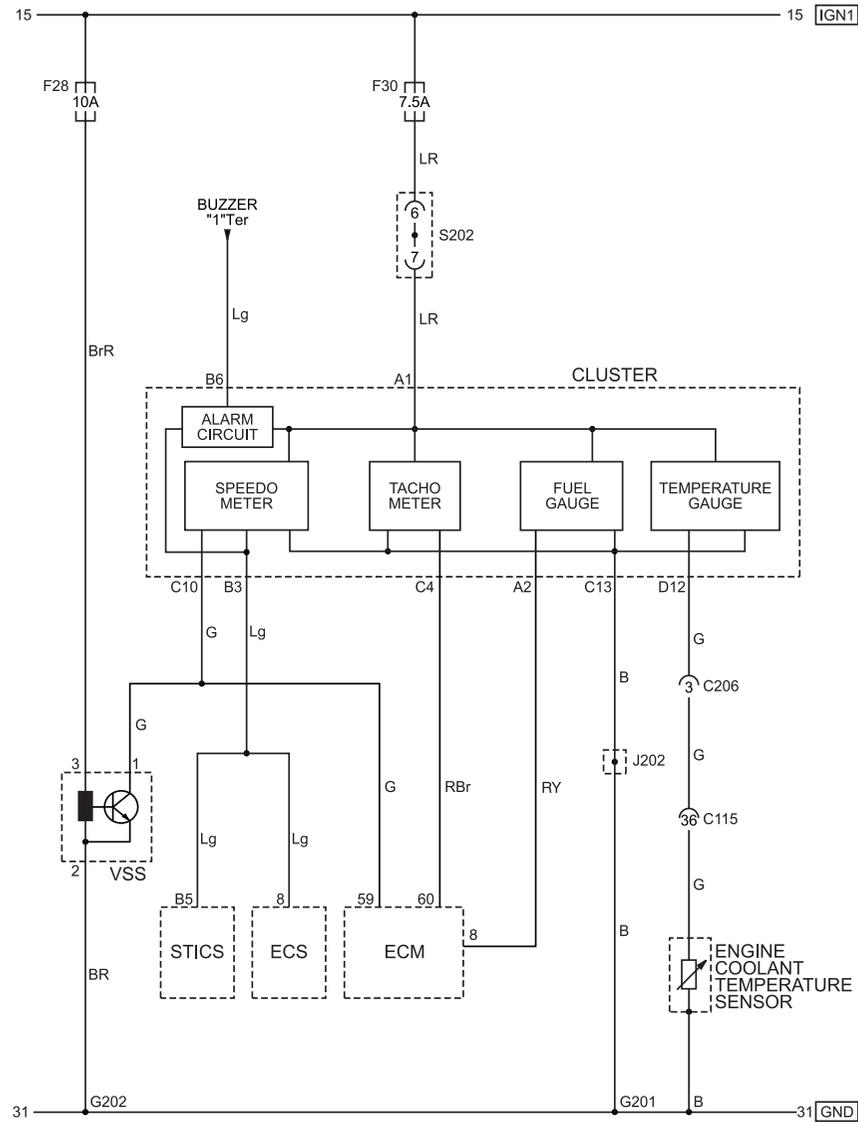


**e. JOINT**

**J202**



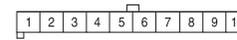
(2) W/ EURO III



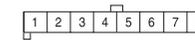
a. CONNECTOR INFORMATION

| CONNECTOR(NUMBER)  | CONNECTING.WIRING HARNESS         | CONNECTOR POSITION/REMARK    |
|--------------------|-----------------------------------|------------------------------|
| C115 (2Pin, Black) | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit        |
| C206 (4Pin, Black) | W/H Main - W/H ECM Main           | Lower "A" Piller (Upper ECM) |
| C303 (6Pin, Black) | W/H Main - W/H Fuel Pump          | Upper Transfer Case          |
| S202 (20Pin,Black) | W/H Main                          | Behind Cluster               |
| J202               | W/H Main                          | Behind Cluster               |
| G201               | W/H Main                          | Upper Front Left Leg Room    |
| G202               | W/H Main                          | Upper Front Left Leg Room    |
| G302               | W/H Main                          | Below Center Console         |

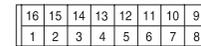
b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



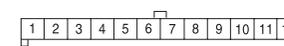
CLUSTER "A"



CLUSTER "B"



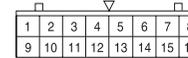
CLUSTER "C"



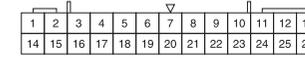
CLUSTER "D"



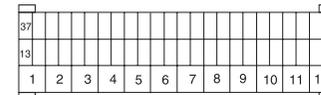
VSS



STICS "B"



ECS



ECM



C115 (BLACK)



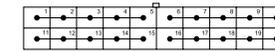
FUEL GAUGE



C206 (BLACK)



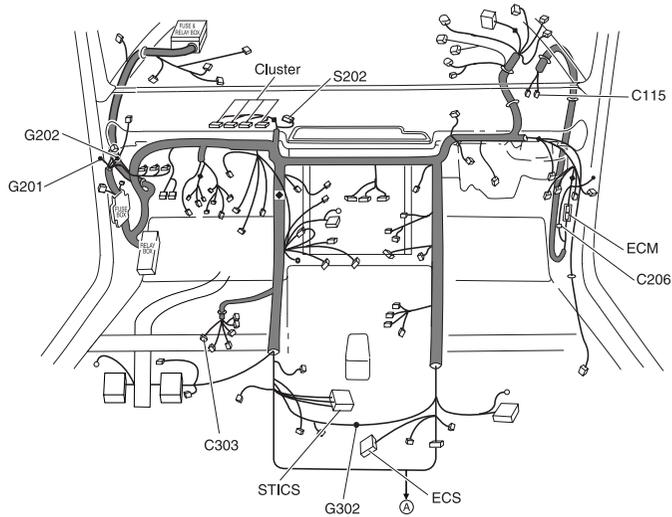
C303 (BLACK)



S202 (BLACK)

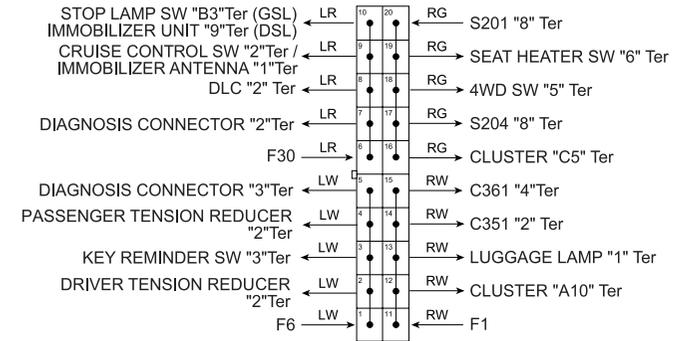
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN



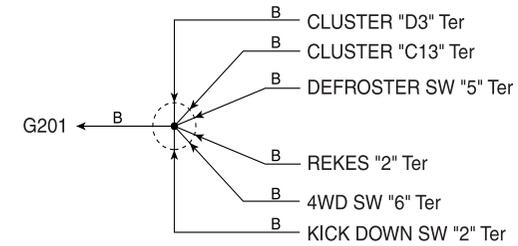
**d. SPLICE PACK**

**S202 (BLACK)**

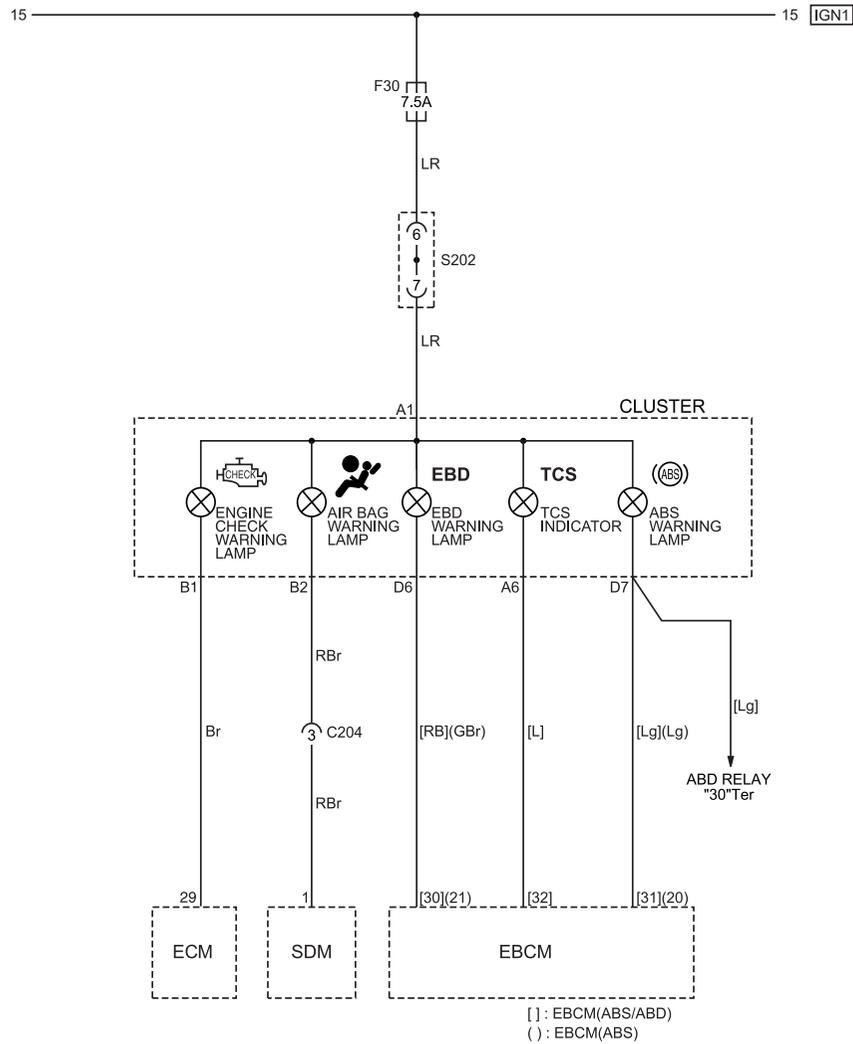


**e. JOINT**

**J202**



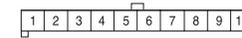
2) WARNING LAMP(ENGINE CHECK, AIR BAG, EBD, ABS), TCS INDICATOR



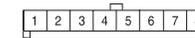
a. CONNECTOR INFORMATION

| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS | CONNECTOR POSITION      |
|------------------------|----------------------------|-------------------------|
| C204 (4Pin, Colorless) | W/H Main - W/H SDM         | Lower Rear Center Facia |
| S202 (20Pin,Black)     | W/H Main                   | Behind Cluster          |

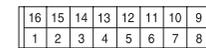
b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



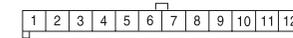
CLUSTER "A"



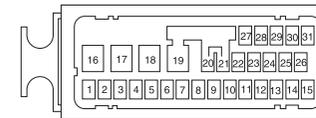
CLUSTER "B"



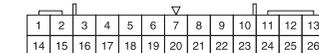
CLUSTER "C"



CLUSTER "D"



EBCM (ABS)



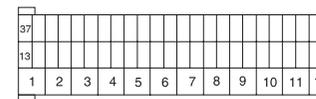
ECS



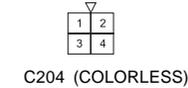
AIR BAG CONTROL UNIT (SDM)



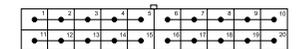
EBCM (ABS/ABD)



ECM



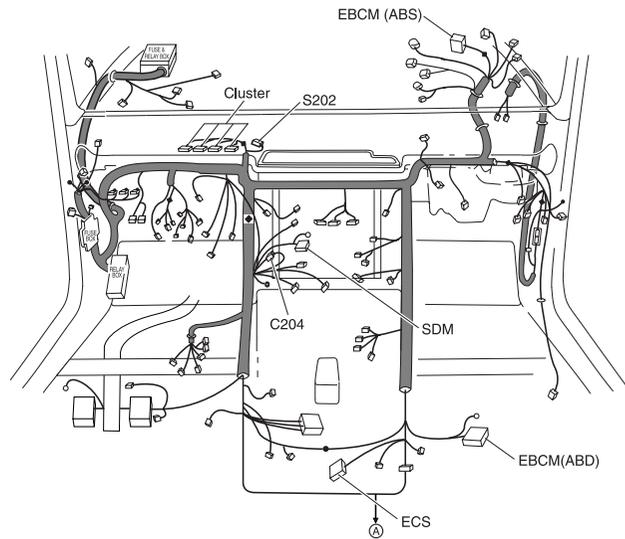
C204 (COLORLESS)



S202 (BLACK)

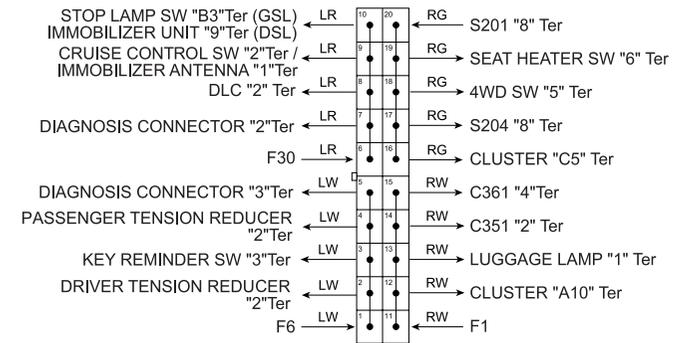
## c. POSITION OF CONNECTORS AND GROUNDS

- W/H MAIN



## d. SPLICE PACK

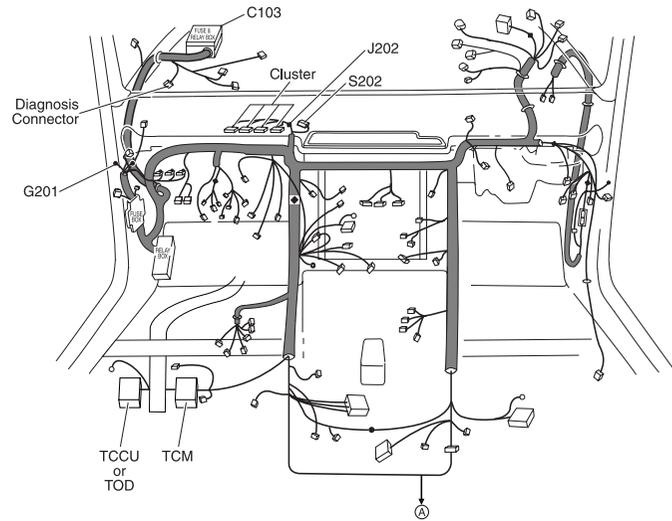
## S202 (BLACK)





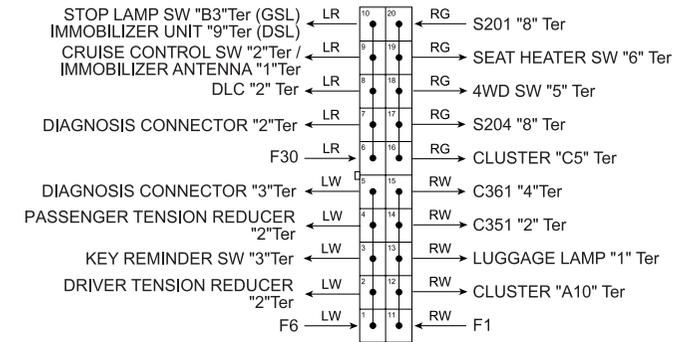
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN



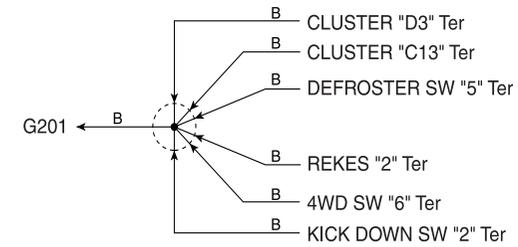
**d. SPLICE PACK**

**S202 (BLACK)**



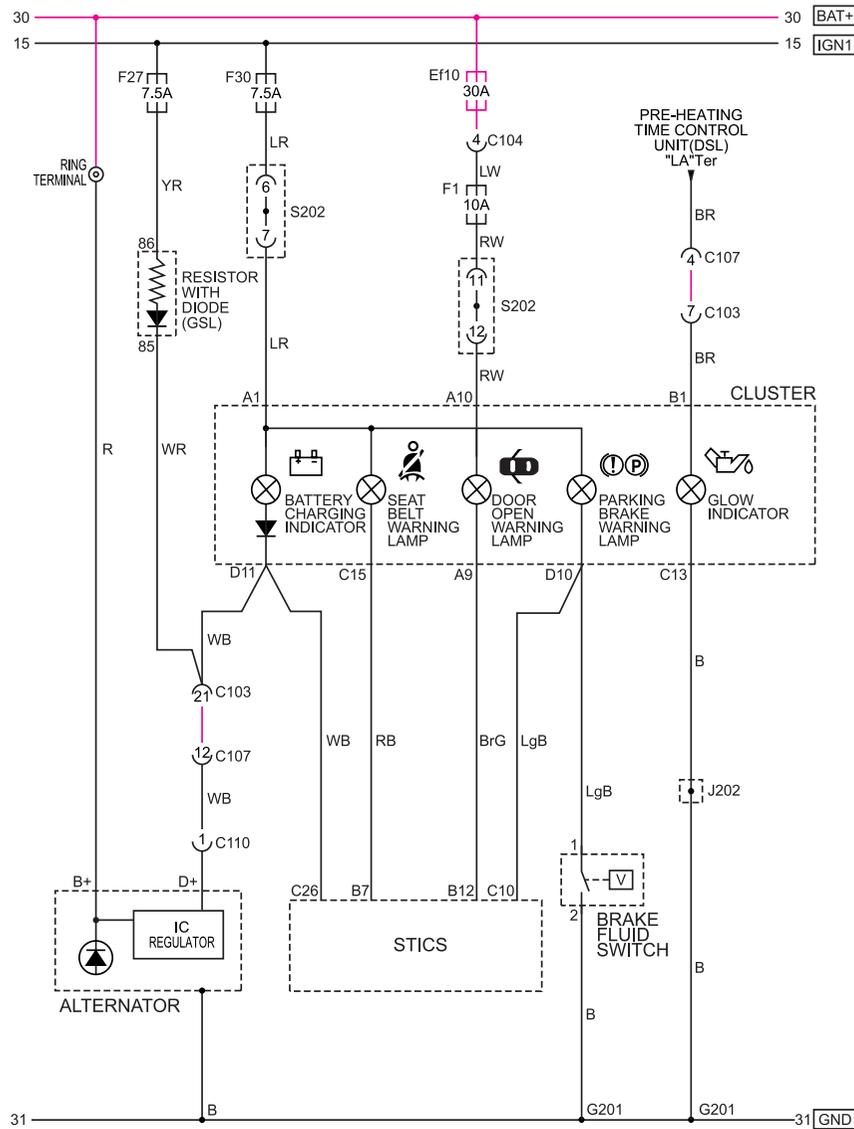
**e. JOINT**

**J202**



5-104 ELECTRICAL WIRING DIAGRAMS

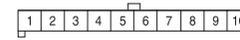
4) WARNING LAMP (SEAT BELT, DOOR OPEN, PARKING BRAKE), INDICATOR (BATTERY CHARGING, GLOW)



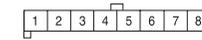
a. CONNECTOR INFORMATION

| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS             | CONNECTOR POSITION        |
|------------------------|--|---------------------------|
| C103 (22Pin, White)    | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box      |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box      |
| C107 (20Pin, White)    | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box      |
| C110 (2Pin, Black)     | W/H Engine Room - W/H Alternator       | Below Air Cleaner         |
| C110 (4Pin, Black)     | W/H Engine Room - W/H Alternator       | Below Air Cleaner         |
| S202 (20Pin, Black)    | W/H Main                               | Behind Cluster            |
| J202                   | W/H Main                               | Upper Front Left Leg Room |
| G201                   | W/H Main                               | Upper Front Left Leg Room |

B. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



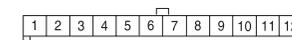
CLUSTER "A"



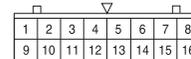
CLUSTER "B"



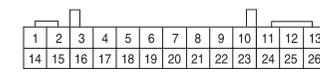
CLUSTER "C"



CLUSTER "D"



STICS "B"



STICS "C"



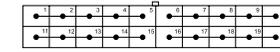
BRAKE FLUID SW



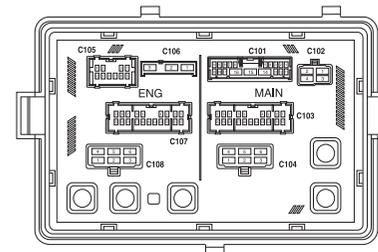
C110 (BLACK)



C110 (BLACK)

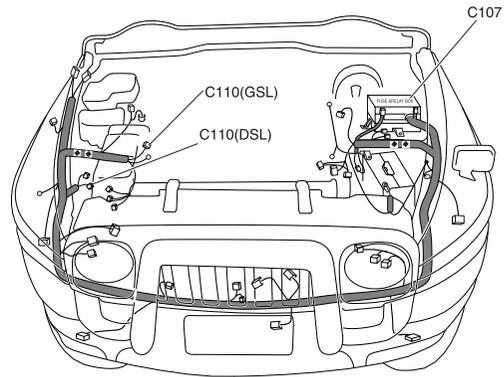


S202 (BLACK)

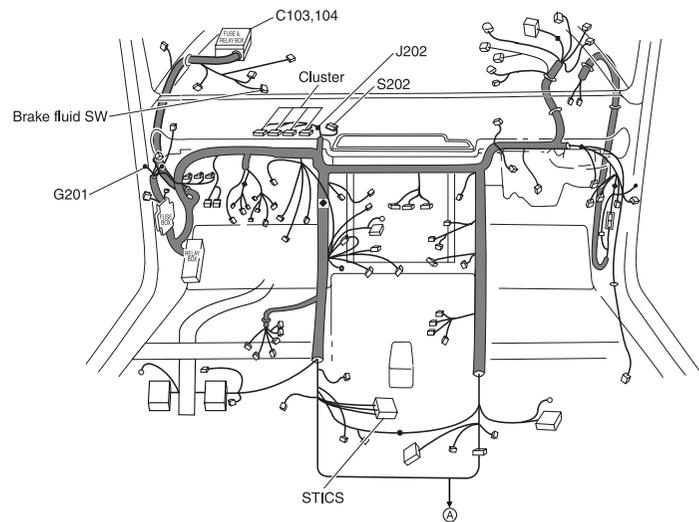


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H ENGINE ROOM

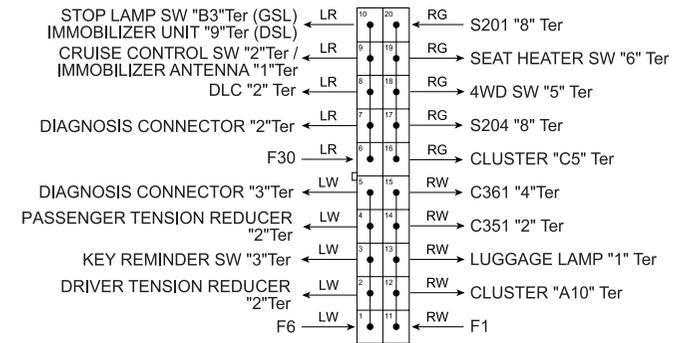


- W/H MAIN



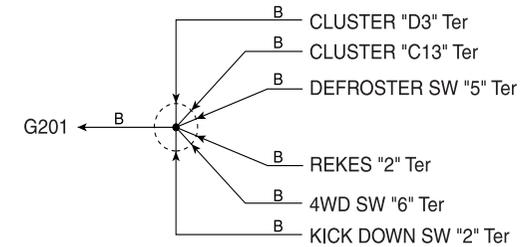
**d. SPLICE PACK**

**S202 (BLACK)**

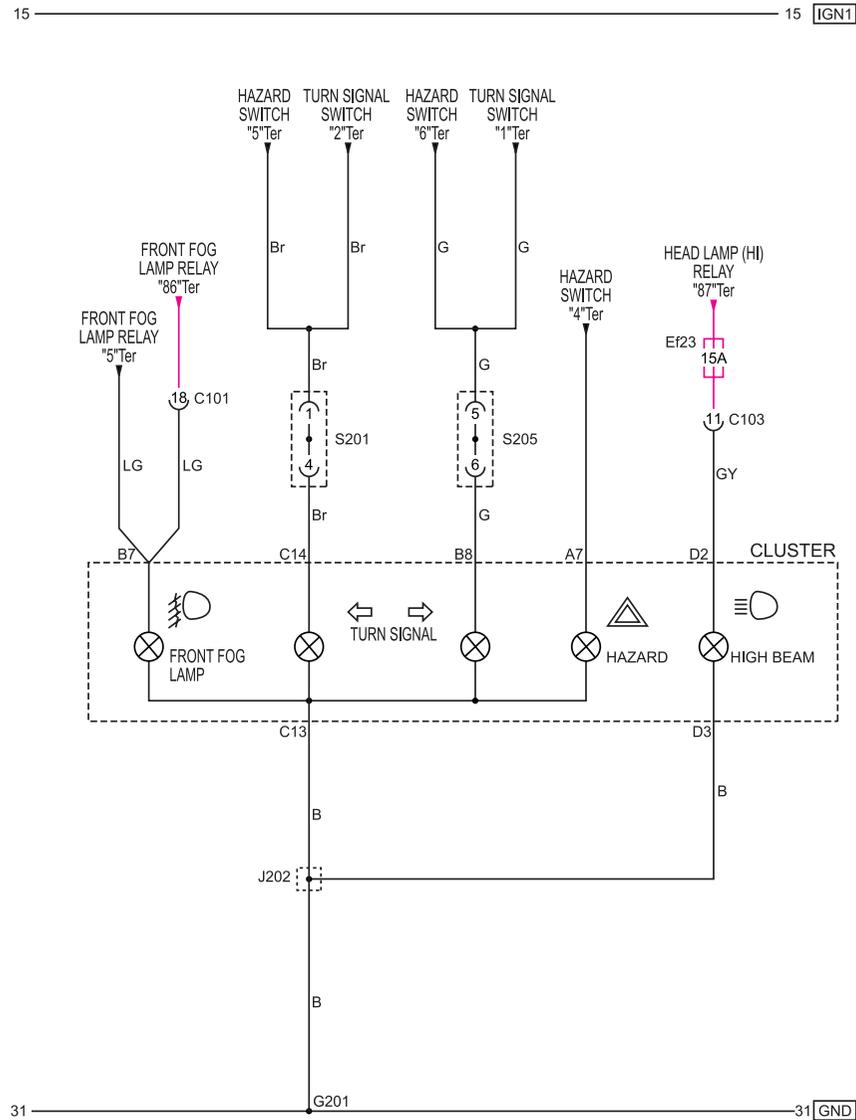


**e. JOINT**

**J202**



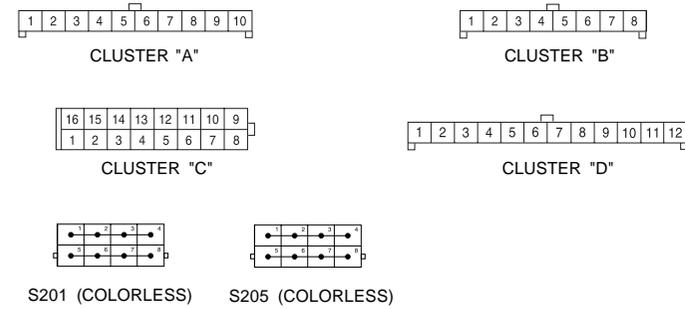
5) FRONT FOG LAMP, TURN SIGNAL, HAZARD, HIGH BEAM



a. CONNECTOR INFORMATION

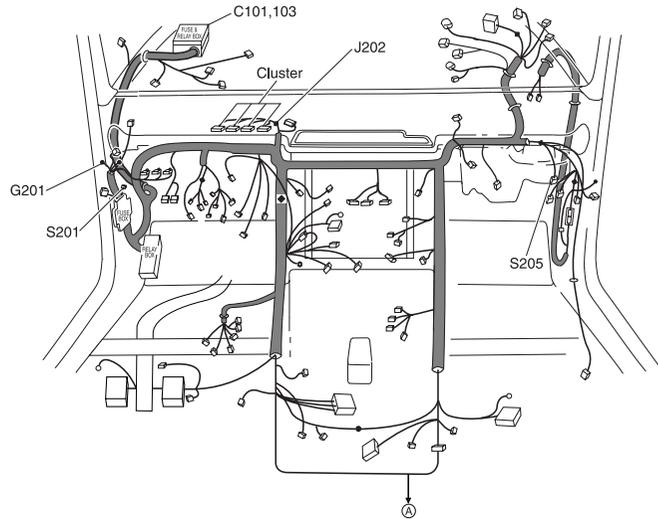
| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION              |
|------------------------|---------------------------------|---------------------------------|
| C101 (19Pin, White)    | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box            |
| C103 (22Pin, White)    | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box            |
| S201 (8Pin, Colorless) | W/H Main                        | Upper Fuse Box (Passenger Room) |
| S205 (8Pin, Colorless) | W/H Main                        | Behind Front Right Kick Panel   |
| J202                   | W/H Main                        | Upper Front Left Leg Room       |
| G201                   | W/H Main                        | Upper Front Left Leg Room       |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



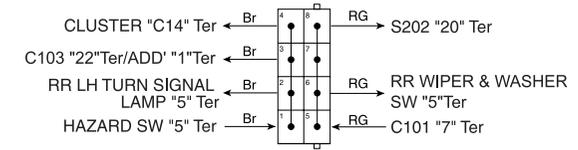
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

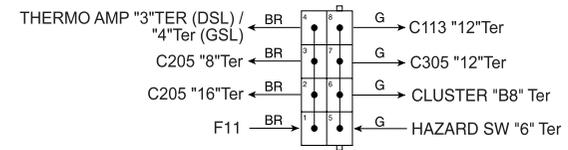


**d. SPLICE PACK**

**S201 (COLORLESS)**

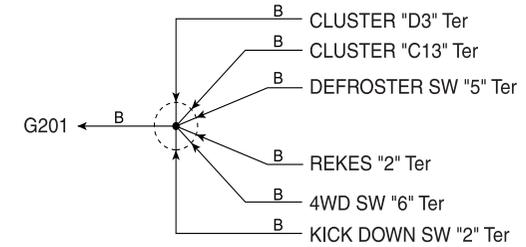


**S205 (COLORLESS)**

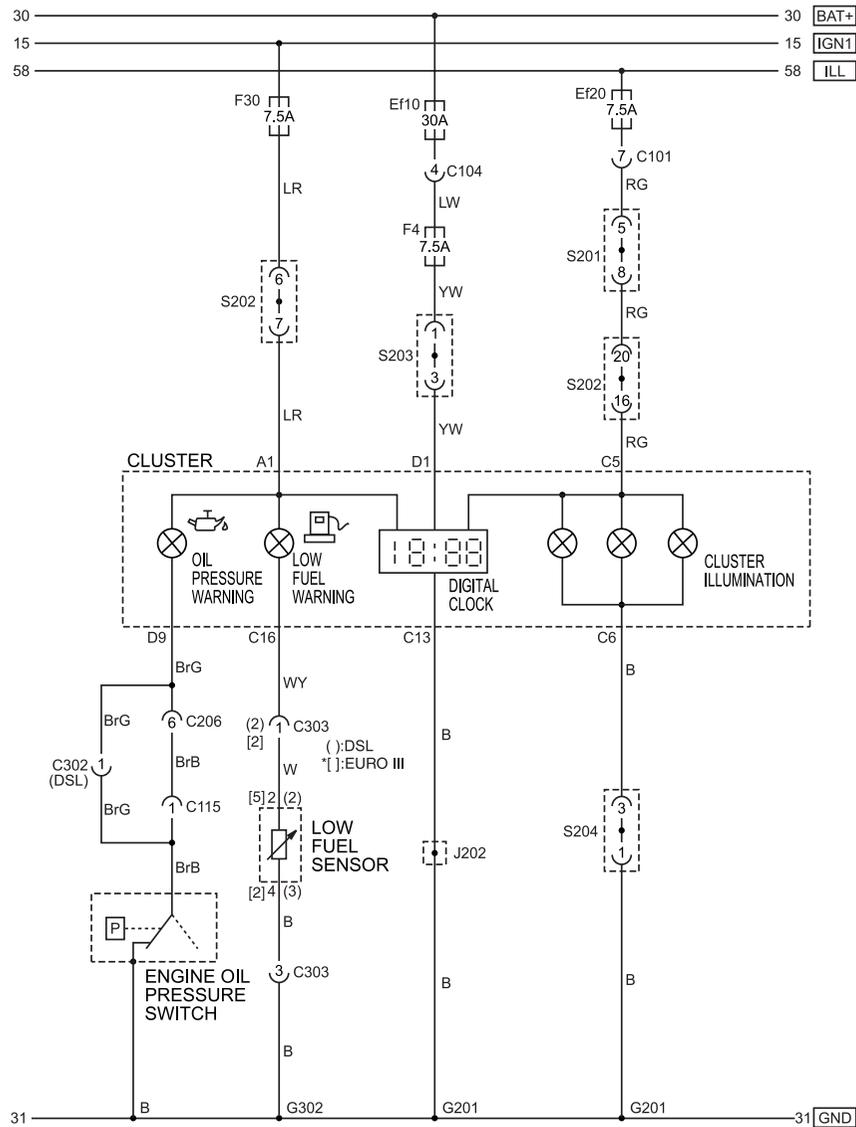


**e. JOINT**

**J202**



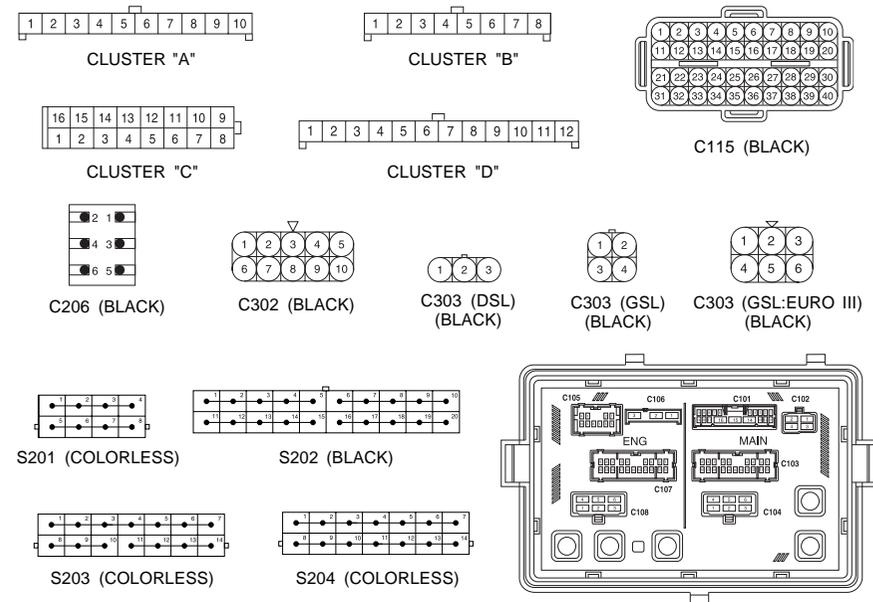
6) DIGITAL CLOCK, WARNING (OIL PRESSURE, LOW FUEL LEVEL) CLUSTER ILLUMINATION



a. CONNECTOR INFORMATION

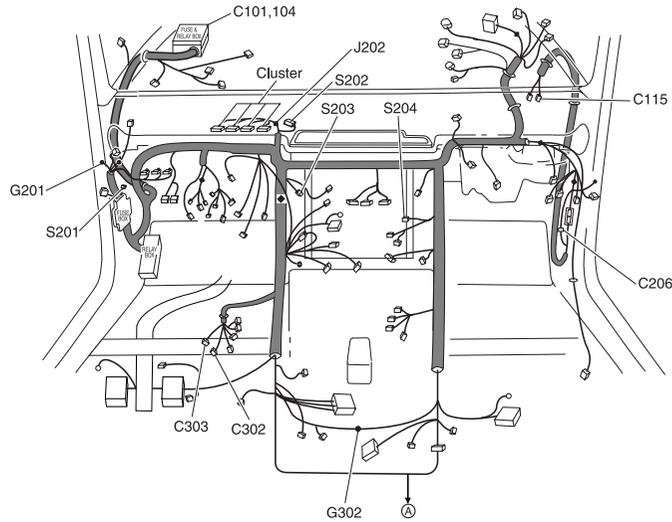
| CONNECTOR(NUMBER)       | CONNECTING WIRING HARNESS         | CONNECTOR POSITION              |
|-------------------------|-----------------------------------|---------------------------------|
| C101 (19Pin, White)     | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box            |
| C104 (8Pin, Colorless)  | Engine Room Fuse Box - W/H Main   | Engine Room Fuse Box            |
| C115 (40Pin, Black)     | W/H Engine Control - W/H ECM Main | Behind Hydraulic Unit           |
| C206 (6Pin, Black)      | W/H Engine Control - W/H ECM Main | Lower "A" Piller (Upper ECM)    |
| C302 (10Pin, Black)     | W/H Main - W/H Transmission       | Below Center Console            |
| C303 (3Pin, Black)      | W/H Main - W/H Fuel Pump          | Below Center Console            |
| C303 (4Pin, Black)      | W/H Main - W/H Fuel Pump          | Below Center Console            |
| C303 (6Pin, Black)      | W/H Main - W/H Fuel Pump          | Below Center Console            |
| S201 (8Pin, Colorless)  | W/H Main                          | Upper Fuse Box (Passenger Room) |
| S202 (20Pin, Black)     | W/H Main                          | Behind Cluster                  |
| S203 (14Pin, Colorless) | W/H Main                          | Behind 4WD Switch               |
| S204 (14Pin, Colorless) | W/H Main                          | Behind Audio                    |
| J202                    | W/H Main                          | Behind Cluster                  |
| G201                    | W/H Main                          | Upper Front Left Leg Room       |
| G302                    | W/H Main                          | Below Center Console            |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



**c. POSITION OF CONNECTORS AND GROUNDS**

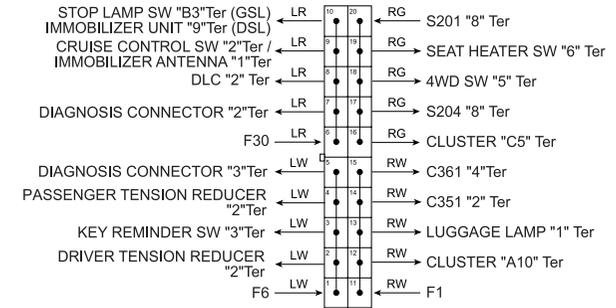
- W/H MAIN



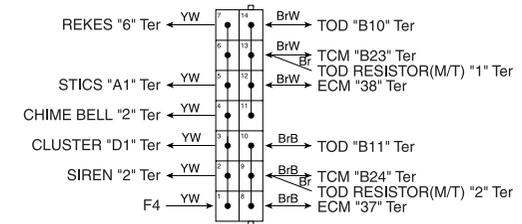
**d. SPLICE PACK**

**S201 (CORORLESS)**

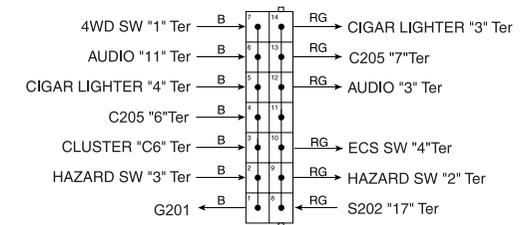
**S202 (BLACK)**



**S203 (CORORLESS)**

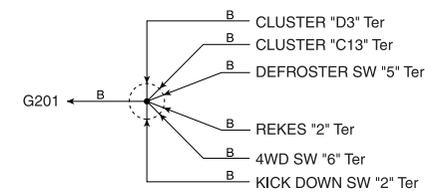


**S204 (CORORLESS)**

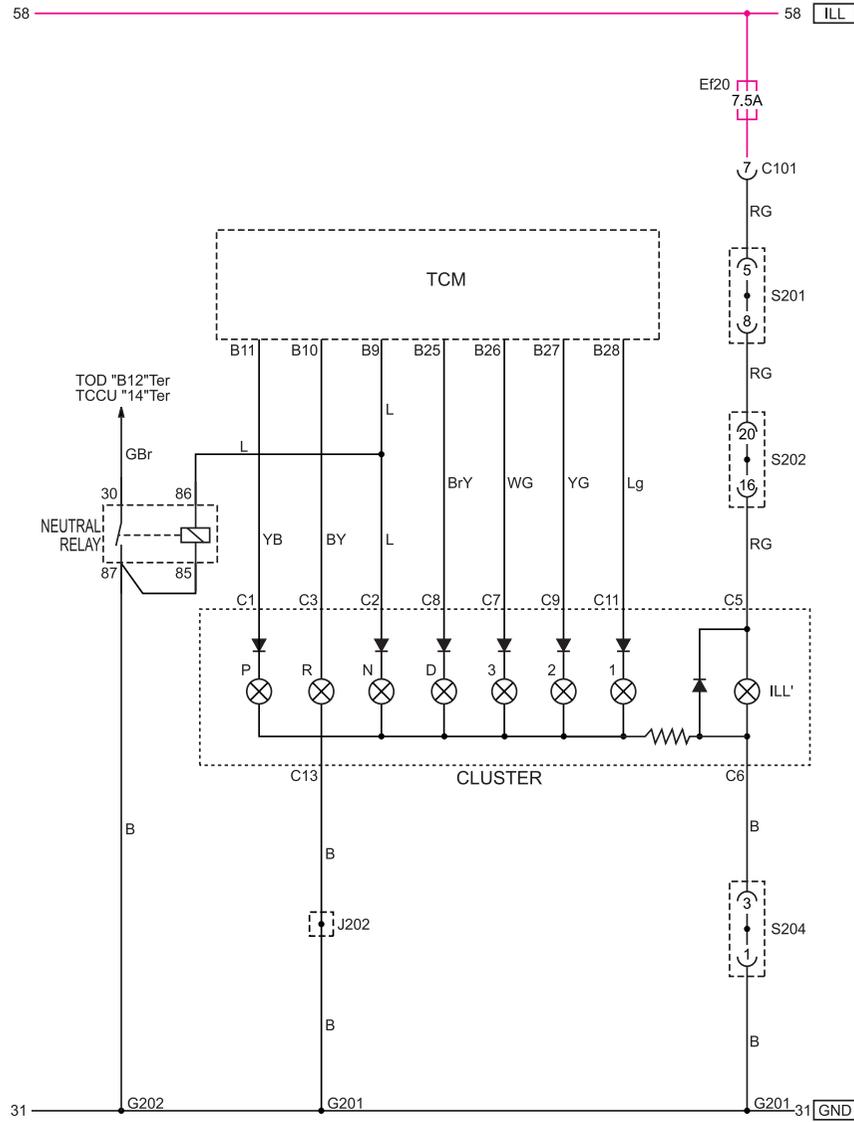


**e. JOINT**

**J202**



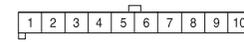
7) SELECTOR LEVER POSITION LAMP (P, R, N, D, 3, 2, 1)



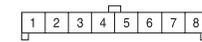
a. CONNECTOR INFORMATION

| CONNECTOR(NUMBER)       | CONNECTING.WIRINGHARNESS        | CONNECTOR POSITION             |
|-------------------------|---------------------------------|--------------------------------|
| C101 (19Pin, White)     | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box           |
| S201 (8Pin, Colorless)  | W/H Main                        | Upper Fuse Box(Passenger Room) |
| S202 (20Pin, Black)     | W/H Main                        | Behind Cluster                 |
| S204 (14Pin, Colorless) | W/H Main                        | Behind Audio                   |
| J202                    | W/H Main                        | Behind Cluster                 |
| G201                    | W/H Main                        | Upper Front Left Leg Room      |
| G302                    | W/H Main                        | Below Center Console           |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



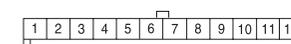
CLUSTER "A"



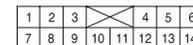
CLUSTER "B"



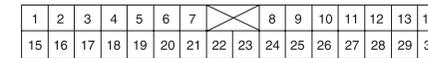
CLUSTER "C"



CLUSTER "D"



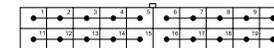
TCM "A"



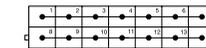
TCM "B"



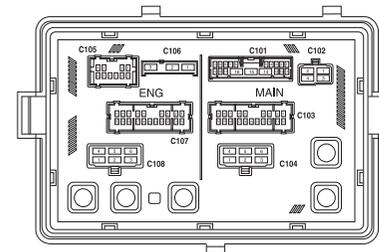
S201 (COLORLESS)



S202 (BLACK)

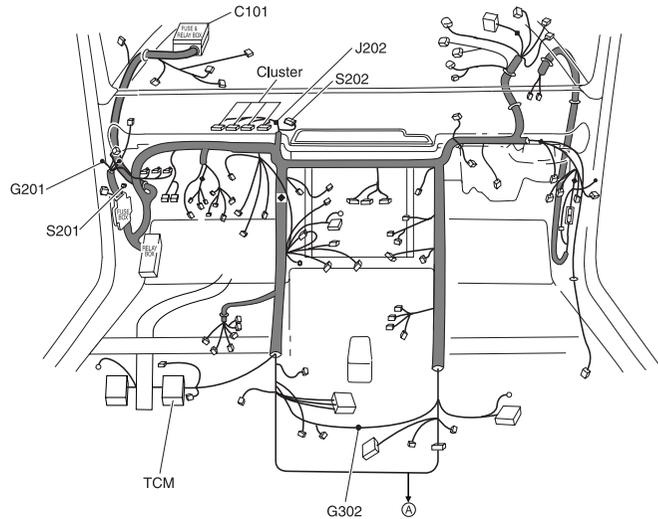


S204 (COLORLESS)



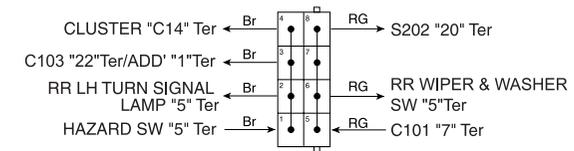
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

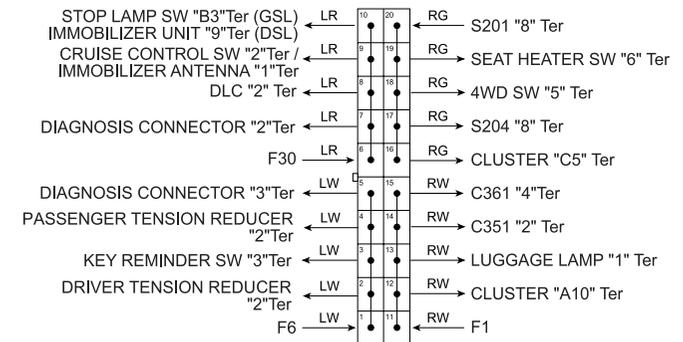


**d. SPLICE PACK**

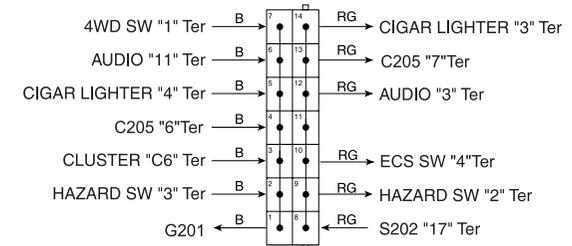
**S201 (COLORLESS)**



**S202 (BLACK)**

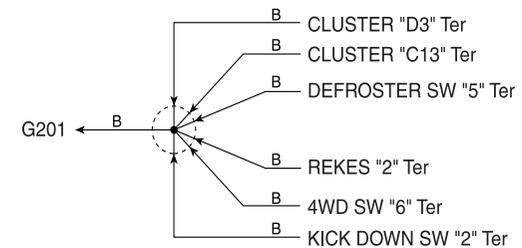


**S204 (COLORLESS)**



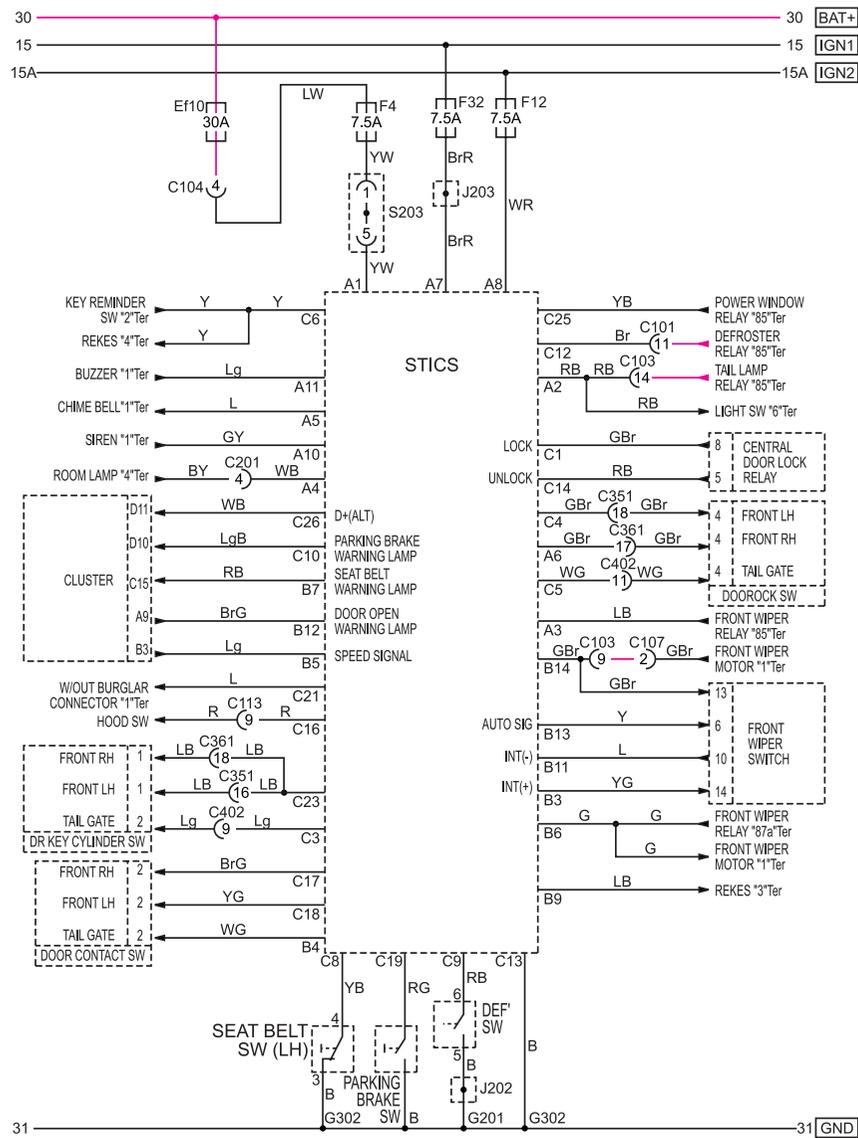
**e. JOINT**

**J202**



### 19. STICS (SUPER TIME & ALARM INTEGRATED CONTROL SYSTEM)

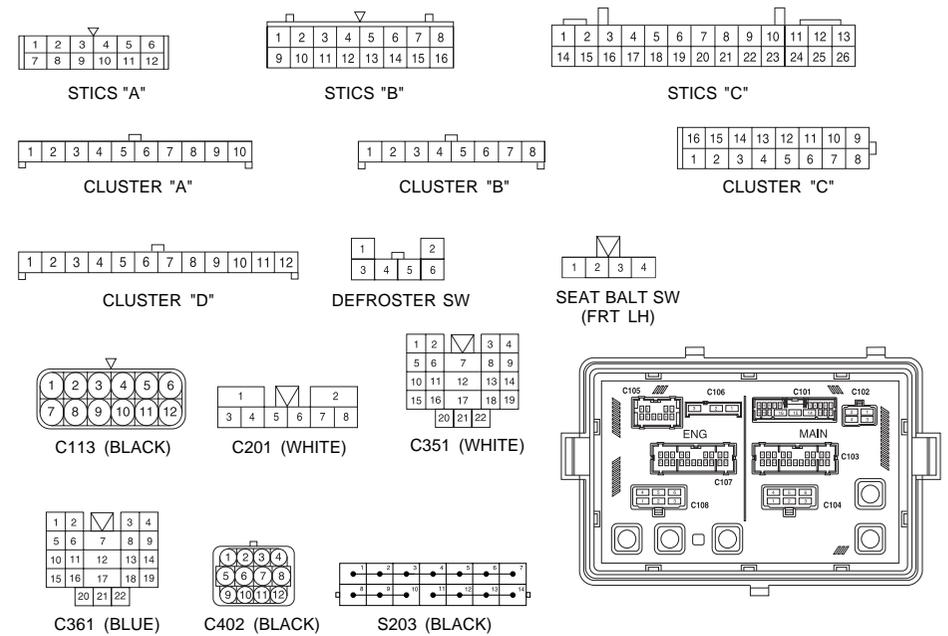
#### 1) STICS UNIT



#### a. CONNECTOR INFORMATION

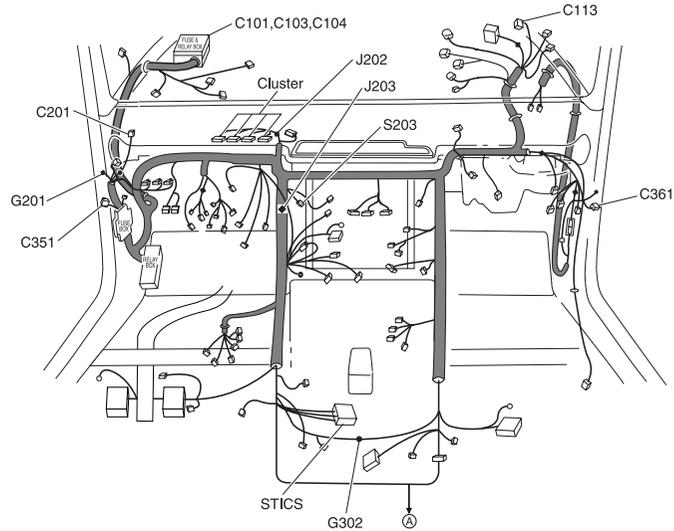
| CONNECTOR (NUMBER)      | CONNECTING WIRING HARNESS              | CONNECTOR POSITION              |
|-------------------------|--|---------------------------------|
| C101 (19Pin, White)     | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box            |
| C103 (22Pin, White)     | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box            |
| C104 (8Pin, Colorless)  | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box            |
| C107 (20Pin, White)     | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box            |
| C113 (12Pin, Black)     | W/H Engine Room - W/H Main             | Next to Hydraulic Unit          |
| C201 (8Pin, White)      | W/H Main - W/H Roof                    | Inside Left Cluster             |
| C351 (22Pin, White)     | W/H Main - W/H FRT LH Door             | Upper Fuse Box (Passenger Room) |
| C361 (22Pin, Blue)      | W/H Main - W/H FRT RH Door             | Behind Front Right Panel        |
| C402 (12Pin, Black)     | W/H Tail Gate - W/H Main               | Behind Left Tail Lamp           |
| S203 (14Pin, Colorless) | W/H Main                               | Behind 4WD Switch               |
| J202                    | W/H Main                               | Behind Cluster                  |
| J203                    | W/H Main                               | Next to BTSI Unit               |
| G201                    | W/H Main                               | Upper Front Left Leg Room       |
| G302                    | W/H Main                               | Below Center Console            |

#### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

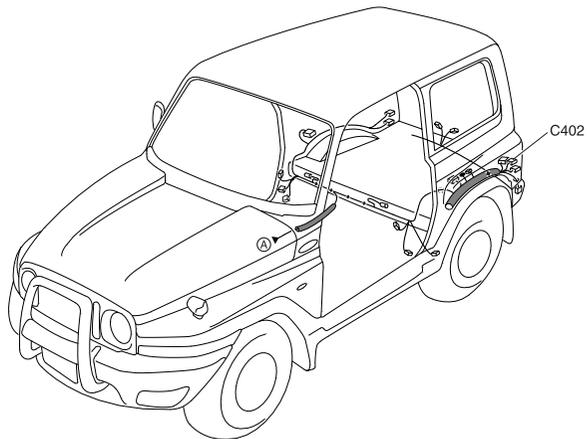


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

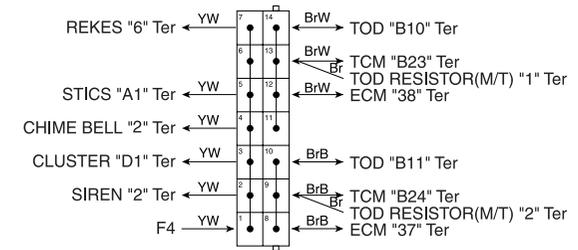


- W/H MAIN (FLOOR)



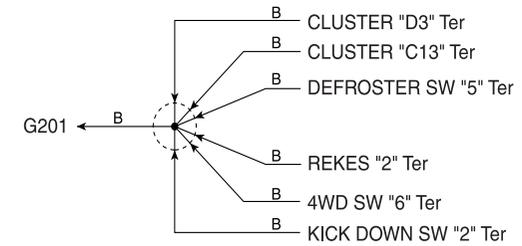
**d. SPLICE PACK**

**S203 (COLORLESS)**

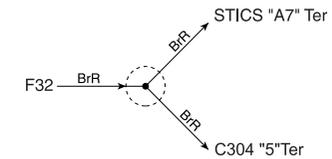


**e. JOINT**

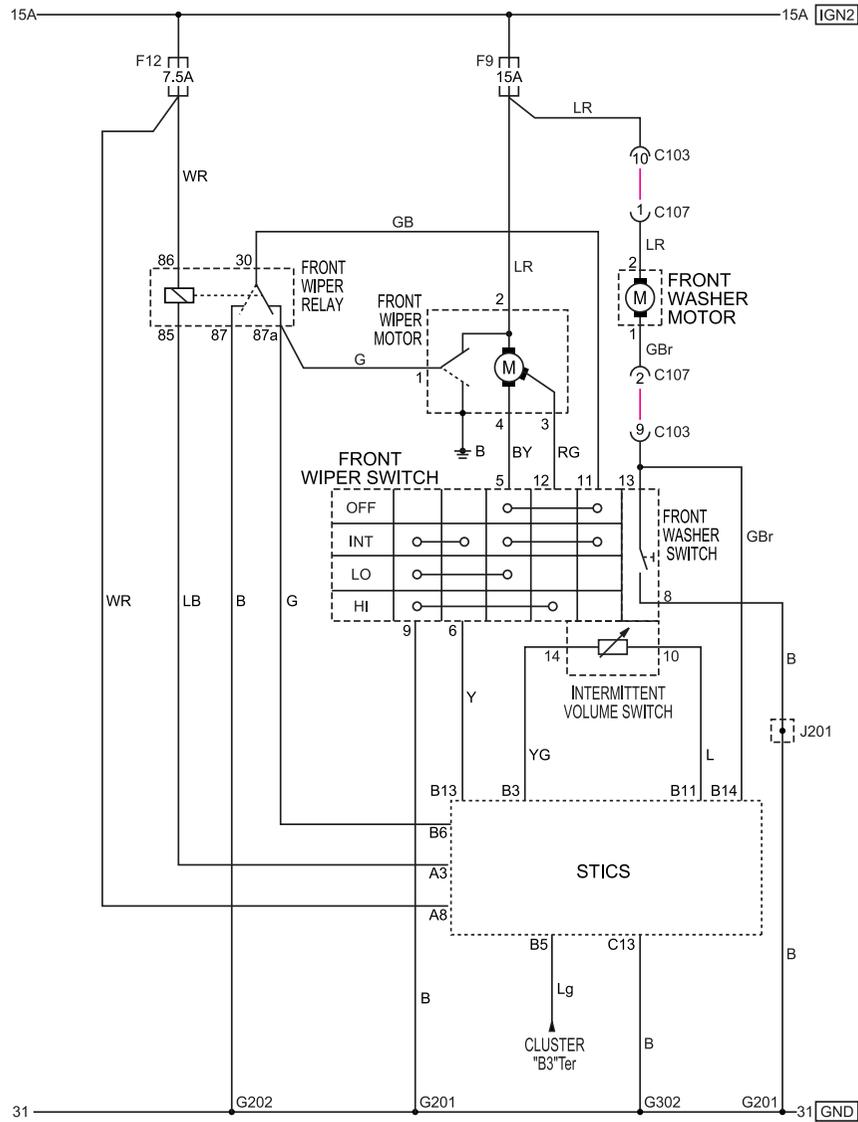
**J202**



**J203**



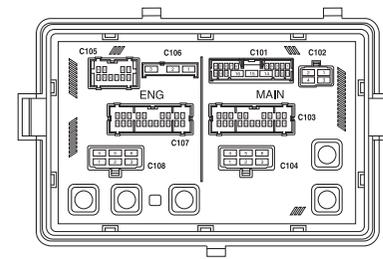
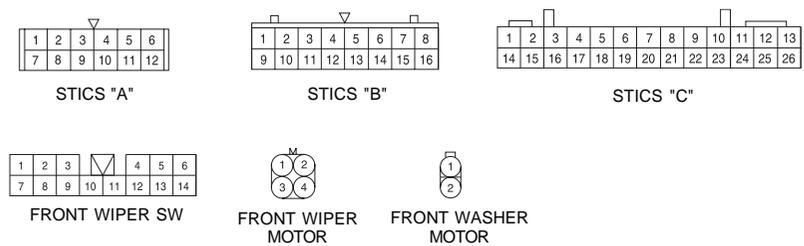
2) FRONT WIPER CIRCUIT



a. CONNECTOR INFORMATION

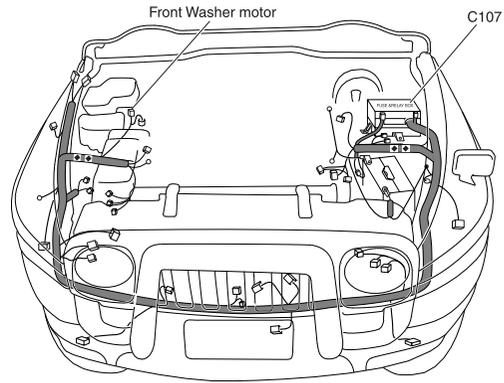
| CONNECTOR(NUMBER)   | CONNECTING. WIRING HARNESS             | CONNECTOR POSITION            |
|---------------------|--|-------------------------------|
| C103 (22Pin, White) | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box          |
| C107 (20Pin, White) | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box          |
| J201                | W/H Main                               | Above FRT LH Seat Under Cover |
| G201                | W/H Main                               | Upper Front Left Leg Room     |
| G202                | W/H Main                               | Upper Front Left Leg Room     |
| G302                | W/H Main                               | Below Center Console          |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



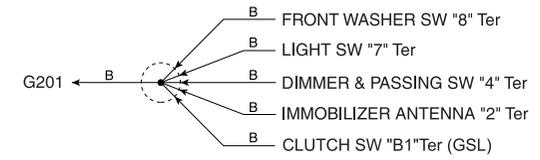
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H ENGINE ROOM

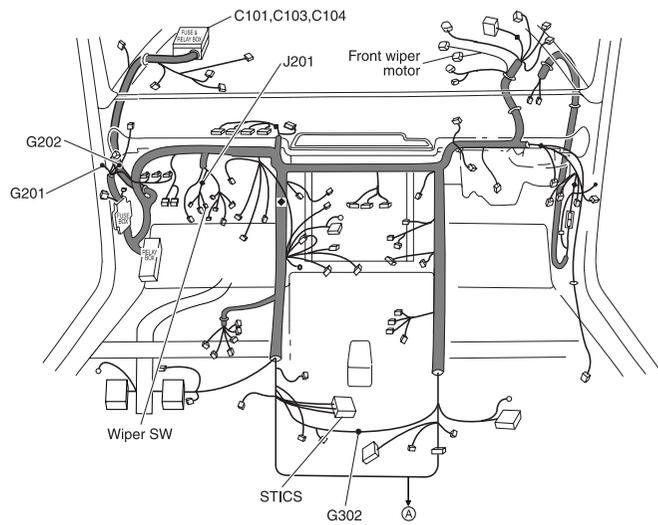


**e. JOINT**

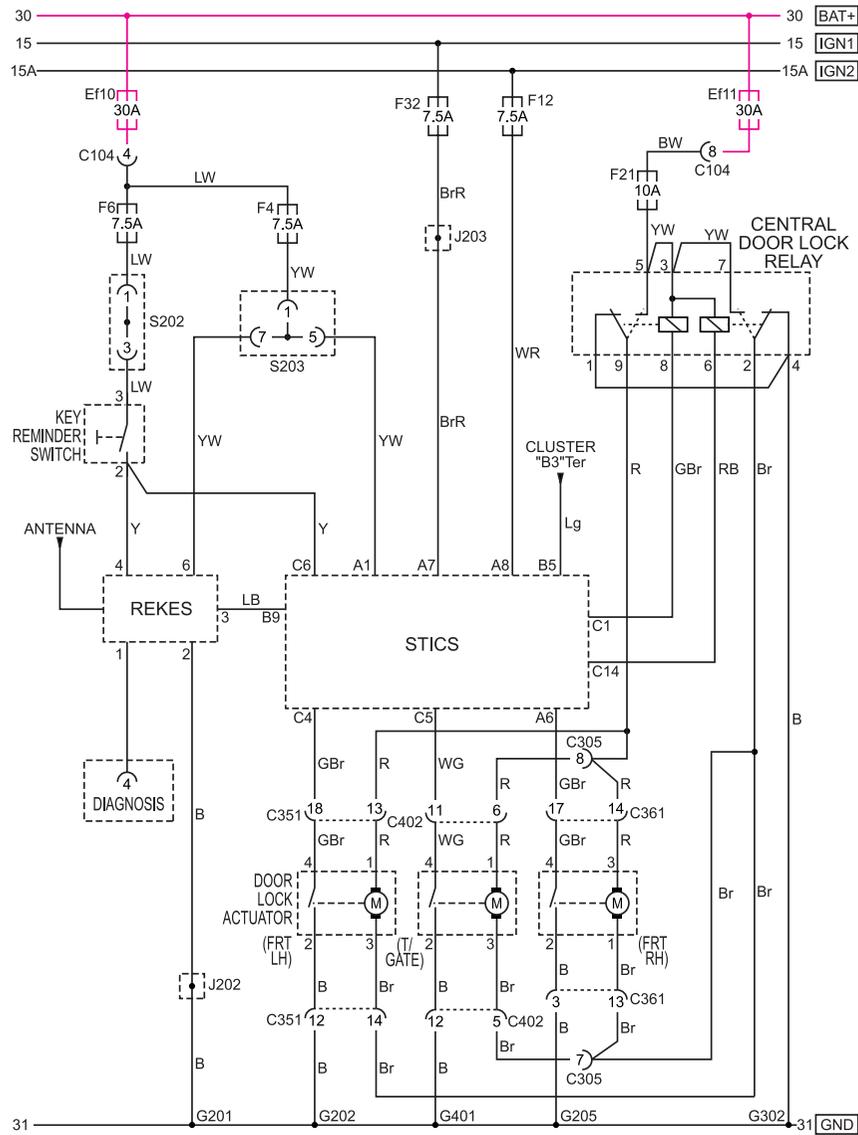
**J201**



- W/H MAIN



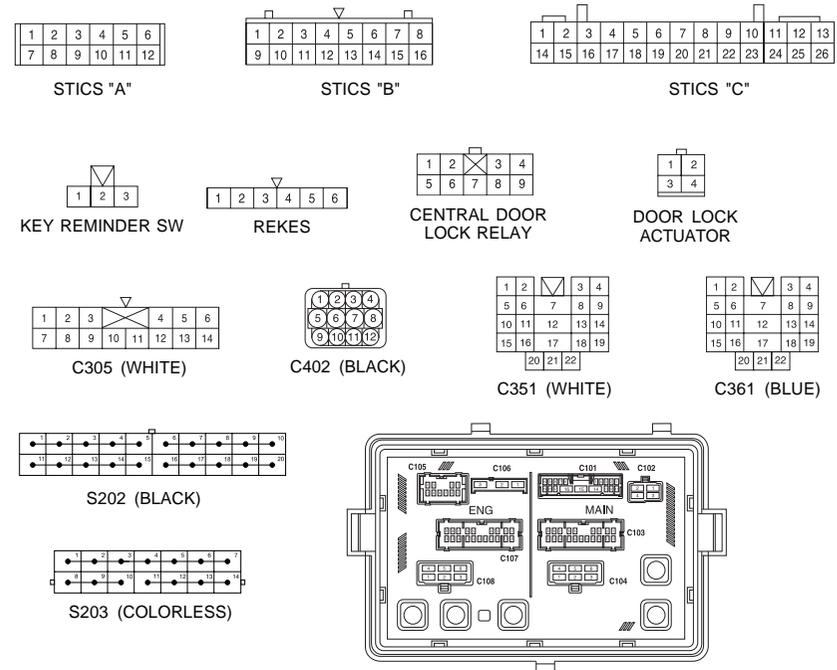
3) CENTRAL DOOR LOCK SYSTEM



a. CONNECTOR INFORMATION

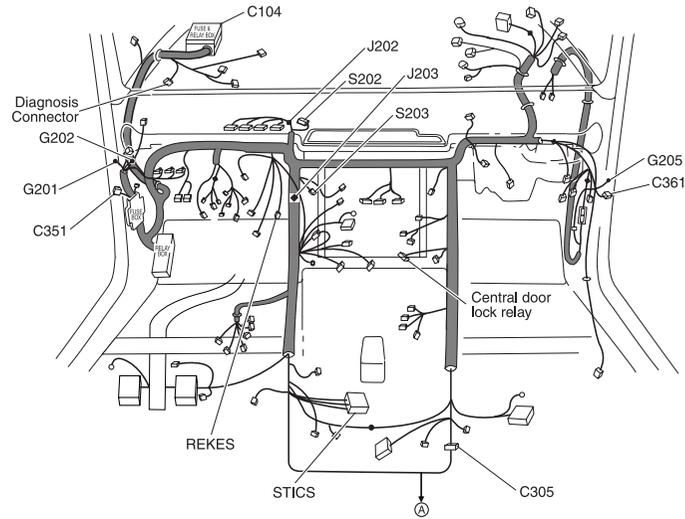
| CONNECTOR(NUMBER)       | CONNECTING WIRING HARNESS       | CONNECTOR POSITION                  |
|-------------------------|---------------------------------|-------------------------------------|
| C104 (8Pin, Colorless)  | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box                |
| C305 (14Pin, White)     | W/H Main - W/H Main             | Below Center Console                |
| C351 (22Pin, White)     | W/H Main - W/H FRT LH Door      | Upper Fuse Box (Passenger Room)     |
| C361 (22Pin, Blue)      | W/H Main - W/H FRT RH Door      | Behind Front Right Panel            |
| C402 (12Pin, Black)     | W/H Tail Gate - W/H Main        | Behind Left Tail Lamp               |
| S202 (20Pin, Black)     | W/H Main                        | Behind Cluster                      |
| S203 (14Pin, Colorless) | W/H Main                        | Behind 4WD Switch                   |
| J202                    | W/H Main                        | Behind Cluster                      |
| J203                    | W/H Main                        | Next to BTIS Unit                   |
| G201                    | W/H Main                        | Upper Front Left Leg Room           |
| G202                    | W/H Main                        | Upper Front Left Leg Room           |
| G205                    | W/H Main                        | Center "A" Pillar Front Right       |
| G401                    | W/H Main                        | Inside Lower Trim Rear Left Quarter |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

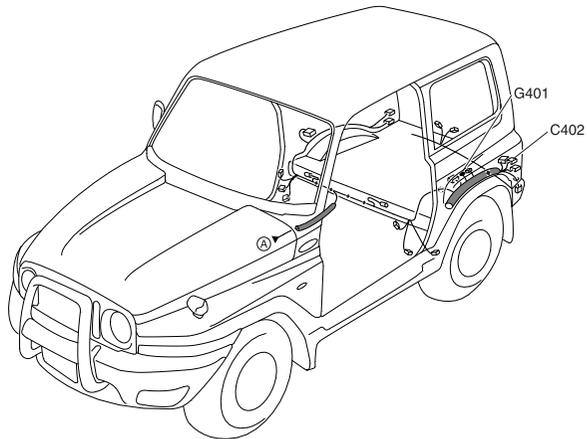


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

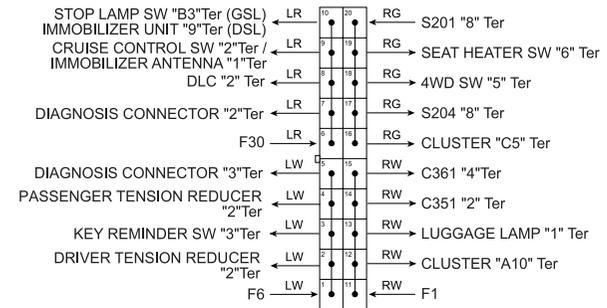


- W/H MAIN (FLOOR)

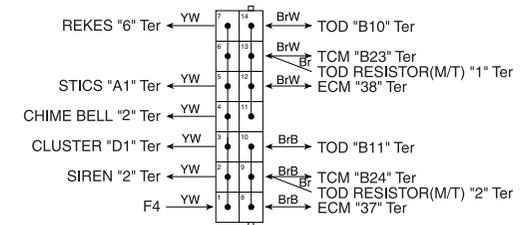


**d. SPLICE PACK**

**S202 (BLACK)**

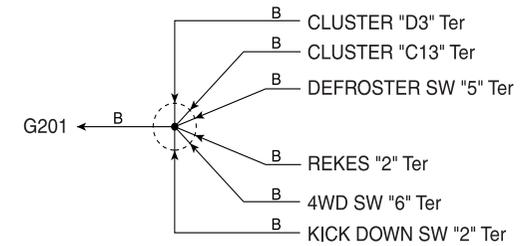


**S203 (COLORLESS)**



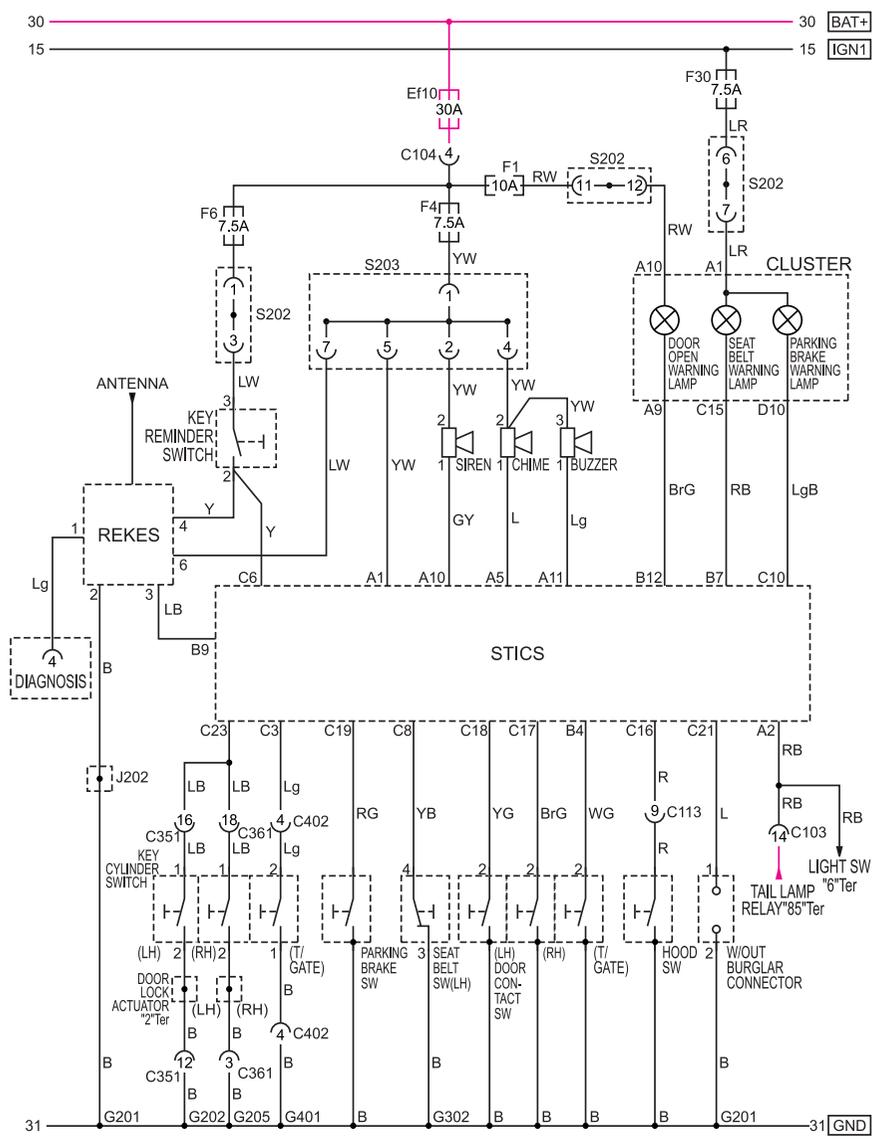
**e. JOINT**

**J202**



**J203**

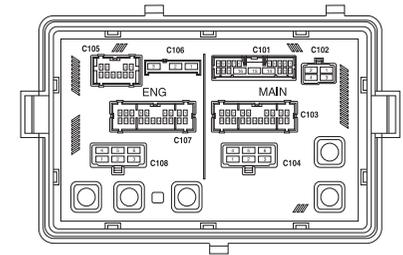
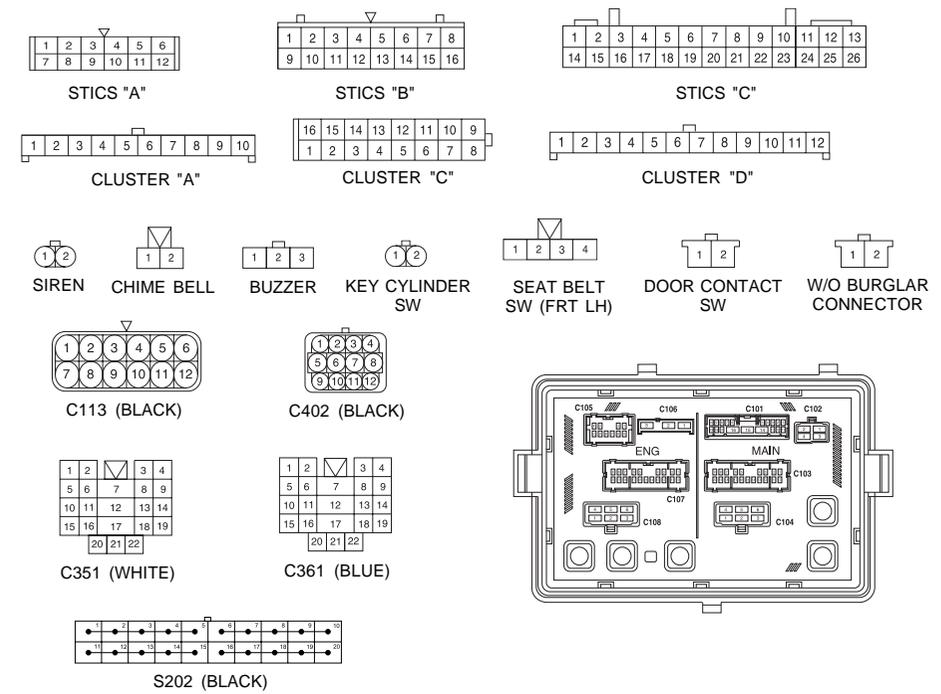
4) KEYLESS, KEY REMINDER SWITCH, SIREN, CHIME BELL, BUZZER



a. CONNECTOR INFORMATION

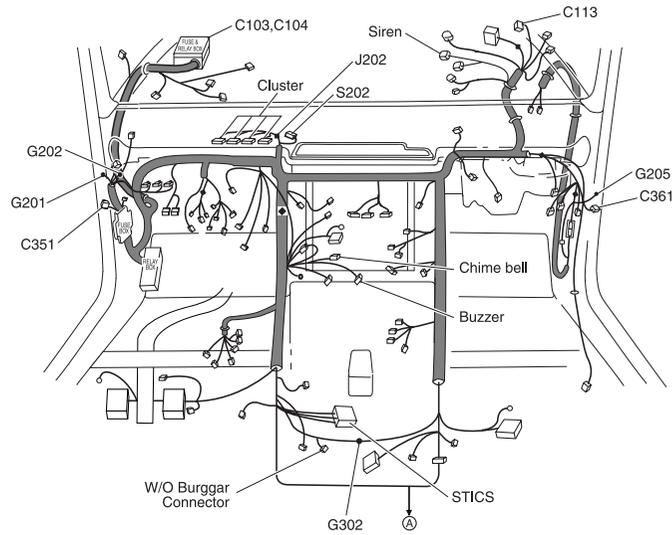
| CONNECTOR (NUMBER)     | CONNECTING WIRING HARNESS       | CONNECTOR POSITION                  |
|------------------------|---------------------------------|-------------------------------------|
| C103 (22Pin, White)    | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box                |
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box                |
| C113 (12Pin, Black)    | W/H Engine Room - W/H Main      | Next to Hydraulic Unit              |
| C351 (22Pin, White)    | W/H Main - W/H FRT LH Door      | Upper Fuse Box (Passenger Room)     |
| C361 (22Pin, Blue)     | W/H Main - W/H FRT RH Door      | Behind Front Right Panel            |
| C402 (12Pin, Black)    | W/H Tail Gate - W/H Main        | Behind Left Tail Lamp               |
| S202 (20Pin, Black)    | W/H Main                        | Behind Cluster                      |
| J202                   | W/H Main                        | Behind Cluster                      |
| G201                   | W/H Main                        | Upper Front Left Leg Room           |
| G202                   | W/H Main                        | Upper Front Left Leg Room           |
| G205                   | W/H Main                        | Center "A" Pillar Front Right       |
| G302                   | W/H Main                        | Below Center Console                |
| G401                   | W/H Main                        | Inside Lower Trim Rear Left Quarter |

B. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

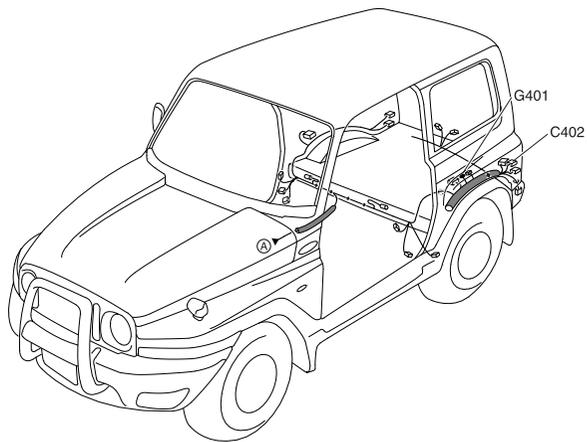


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

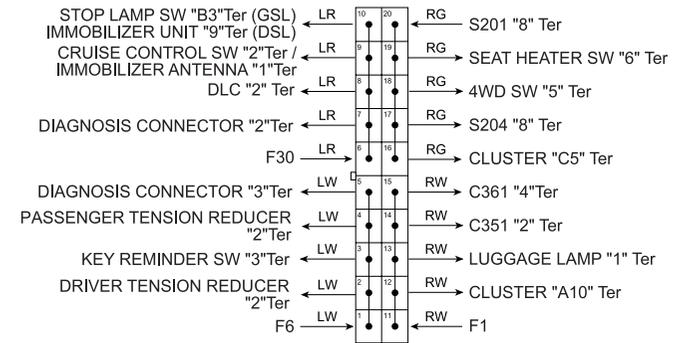


- W/H MAIN (FLOOR)



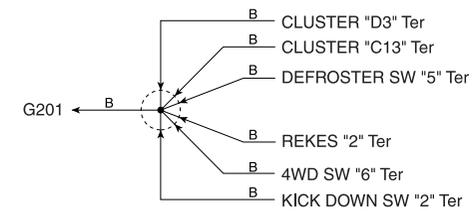
**d. SPLICE PACK**

**S202 (BLACK)**

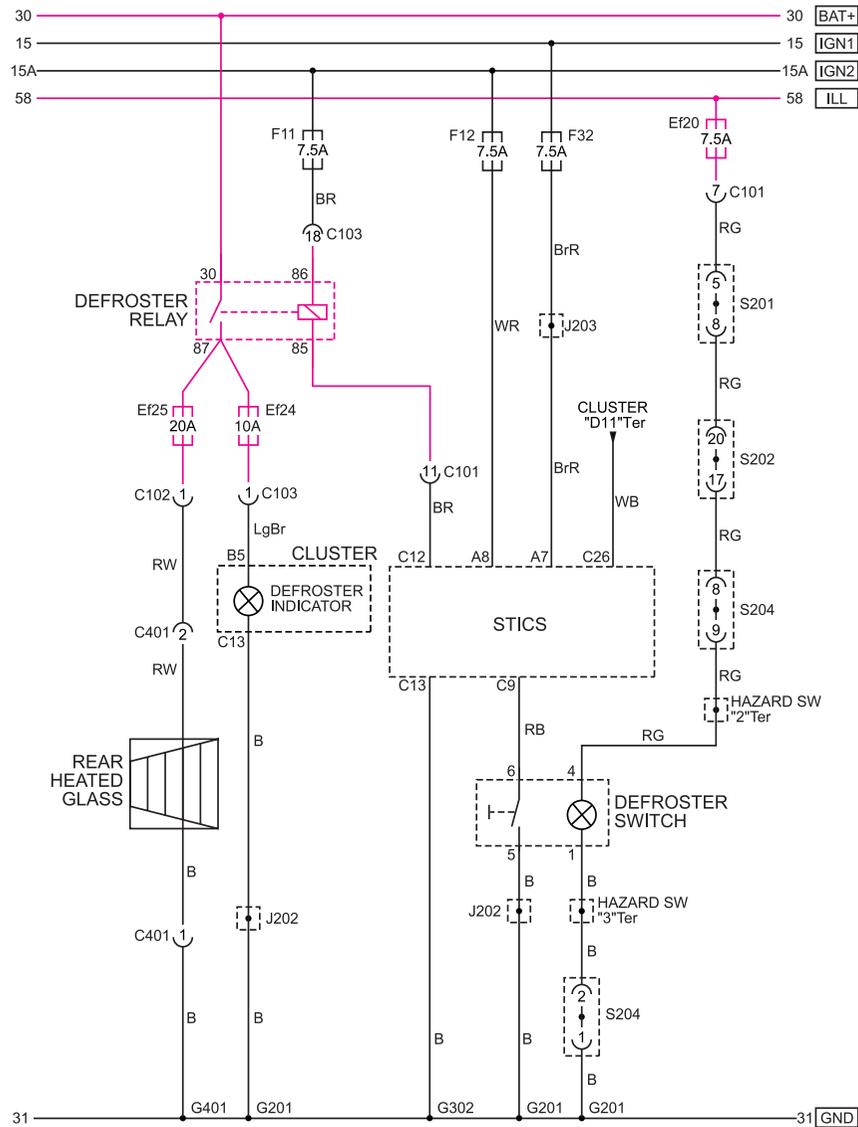


**e. JOINT**

**J202**



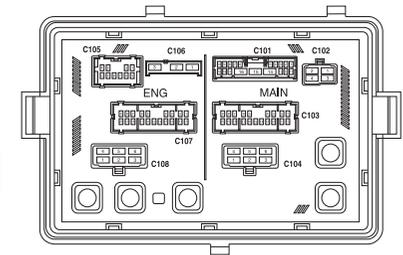
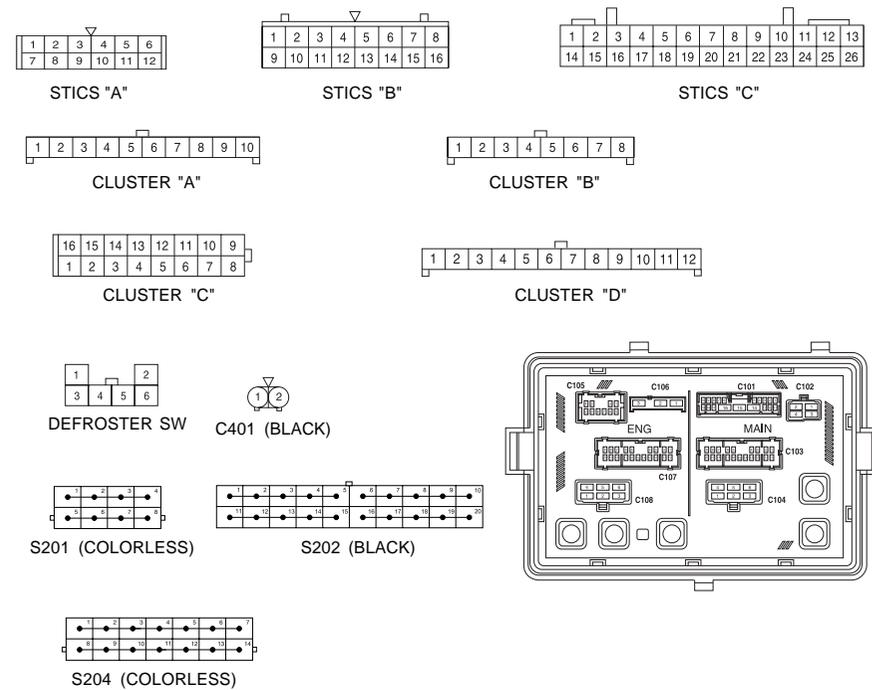
5) DEFROSTER



a. CONNECTOR INFORMATION

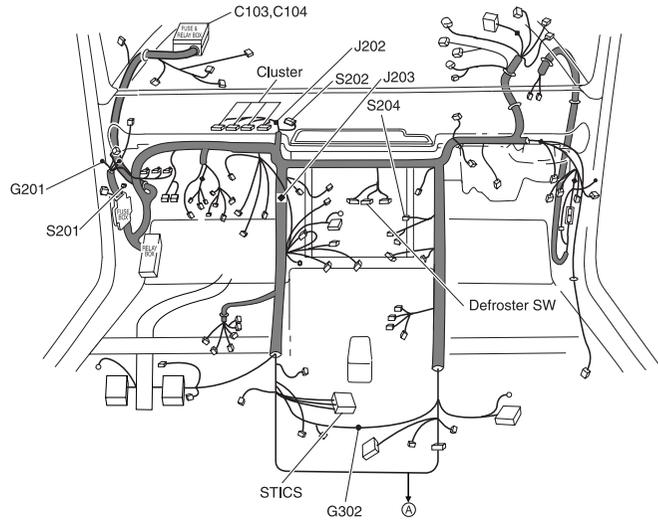
| CONNECTOR(NUMBER)       | CONNECTING WIRING HARNESS       | CONNECTOR POSITION                 |
|-------------------------|---------------------------------|------------------------------------|
| C101 (19Pin, White)     | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box               |
| C102 (4Pin, Colorless)  | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box               |
| C103 (22Pin, White)     | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box               |
| C401 (2Pin, Black)      | W/H Tail Gate - W/H Main        | Behind Left Tail Lamp              |
| S201 (8Pin, Colorless)  | W/H Main                        | Upper Fuse Box(Passengr Room)      |
| S202 (20Pin, Black)     | W/H Main                        | Behind Cluster                     |
| S204 (14Pin, Colorless) | W/H Main                        | Behind Audio                       |
| J202                    | W/H Main                        | Behind Cluster                     |
| J203                    | W/H Main                        | Next to BTSI Unit                  |
| G201                    | W/H Main                        | Upper Front Left Leg Room          |
| G302                    | W/H Main                        | Below Center Console               |
| G401                    | W/H Main                        | Inside Lower Trim Rear Left Quater |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

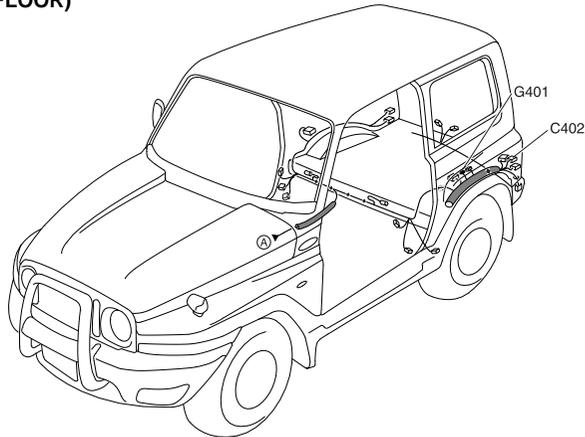


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

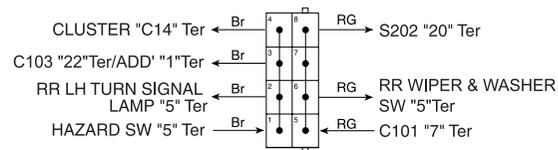


- W/H MAIN (FLOOR)

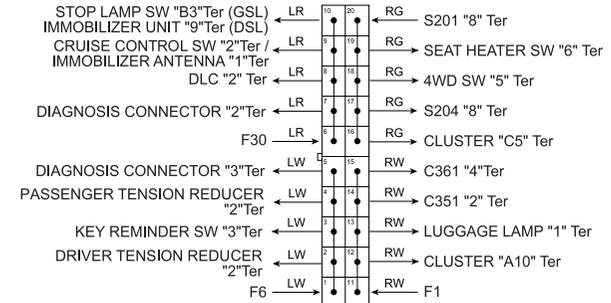


**d. SPLICE PACK**

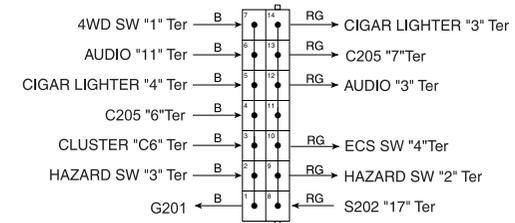
**S201 (COLORLESS)**



**S202 (BLACK)**

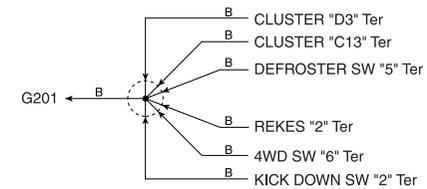


**S204 (COLORLESS)**

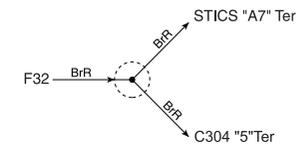


**e. JOINT**

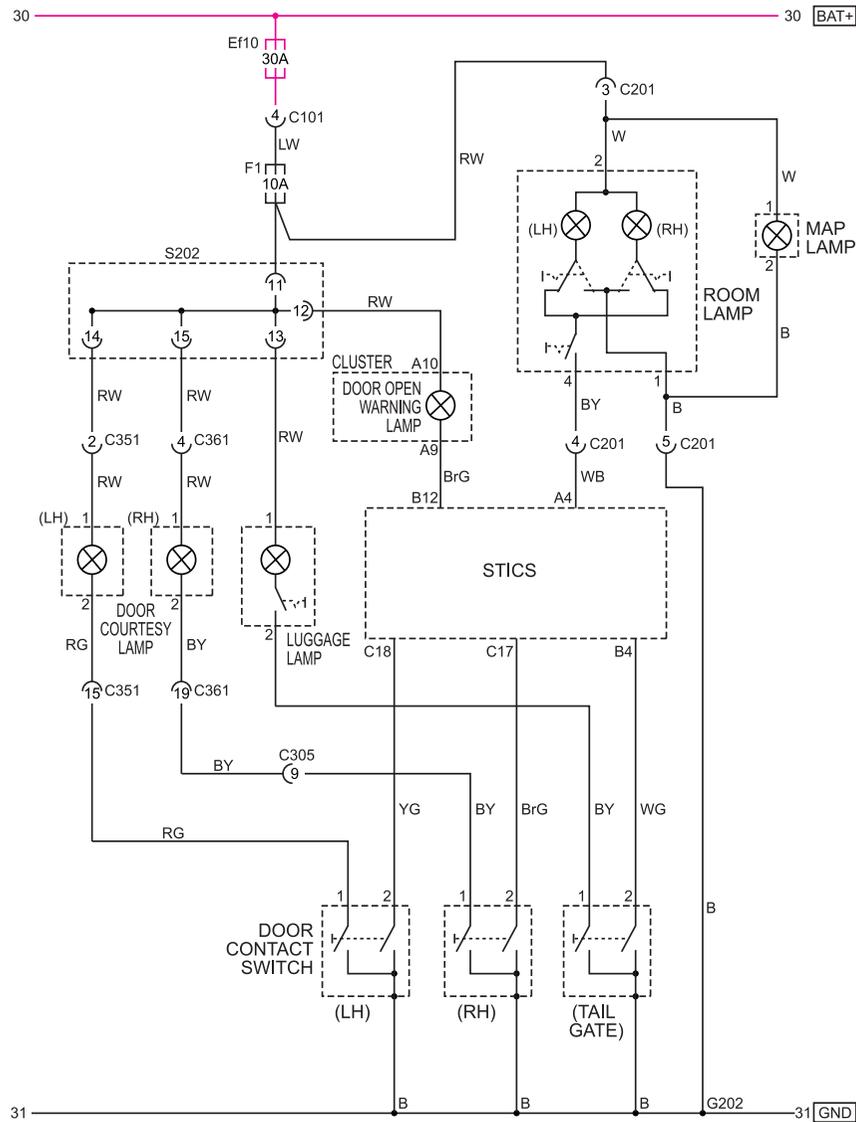
**J202**



**J203**



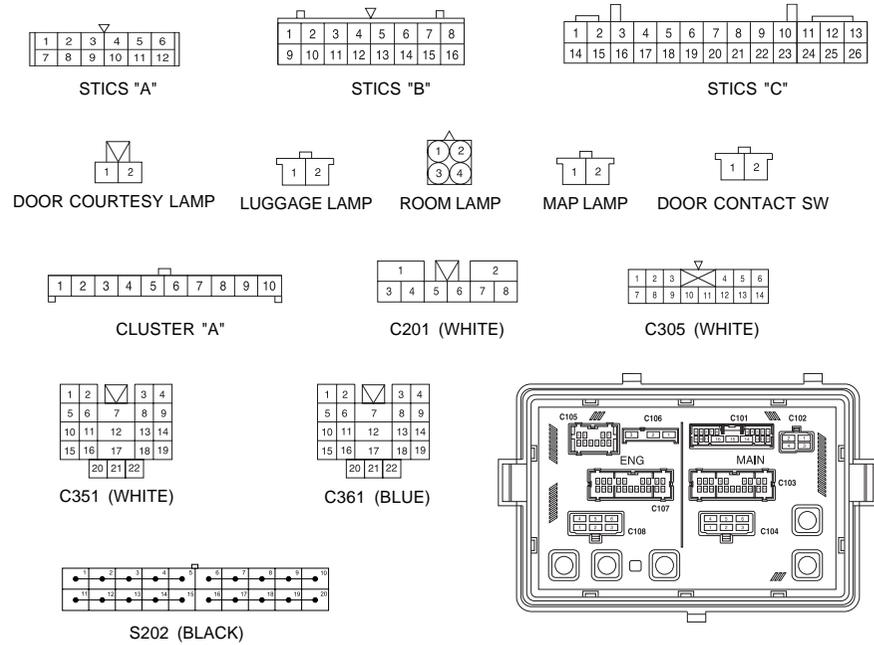
6) LAMP (ROOM, DOOR COURTESY LH/RH, LUGGAGE), DOOR CONTACT SWITCH



a. CONNECTOR INFORMATION

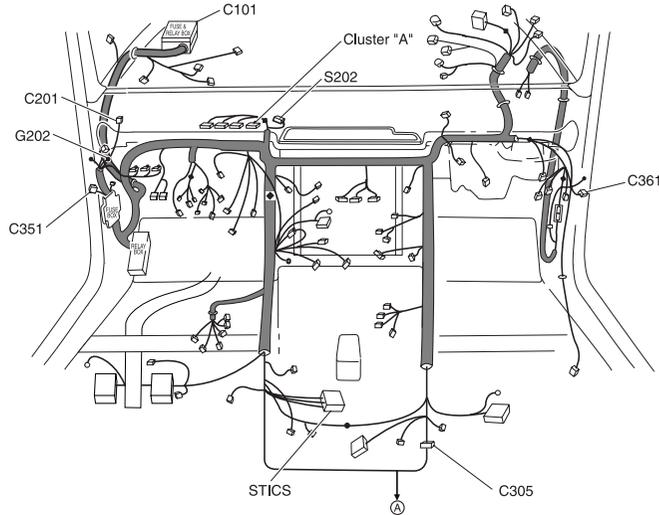
| CONNECTOR(NUMBER)   | CONNECTING.WIRINGHARNES         | CONNECTOR POSITION              |
|---------------------|---------------------------------|---------------------------------|
| C101 (19Pin, White) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box            |
| C201 (8Pin, White)  | W/H Main - W/H Roof             | Inside Left Cluster             |
| C305 (14Pin, White) | W/H Main - W/H Main             | Below Center Console            |
| C351 (22Pin, White) | W/H Main - W/H FRT LH Door      | Upper Fuse Box (Passenger Room) |
| C361 (22Pin, Blue)  | W/H Main - W/H FRT RH Door      | Behind Front Right Panel        |
| S202 (20Pin, Black) | W/H Main                        | Behind Cluster                  |
| G202                | W/H Main                        | Upper Front Left Leg Room       |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

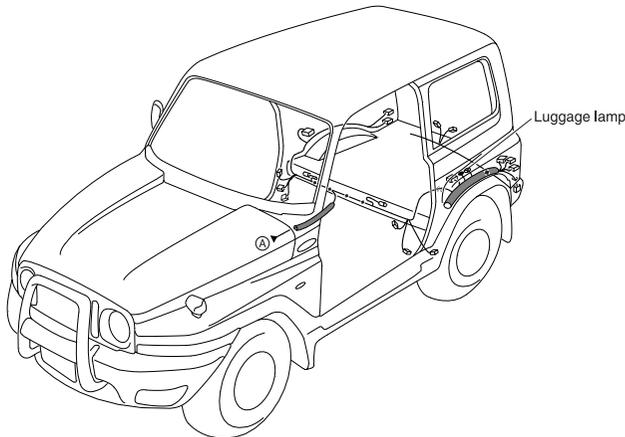


**c. POSITION OF CONNECTORS AND GROUNDS**

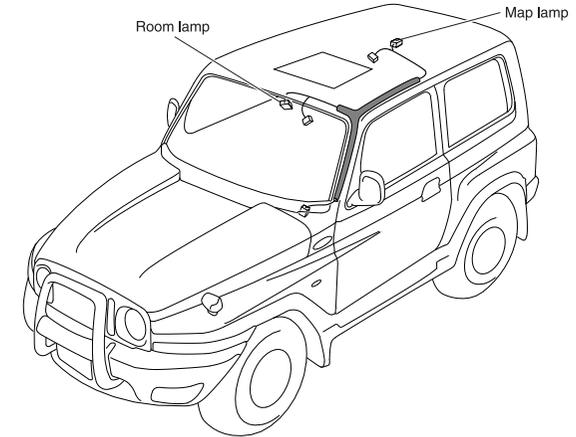
- W/H MAIN



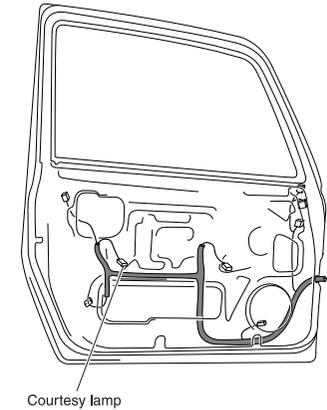
- W/H MAIN (FLOOR)



- W/H ROOF

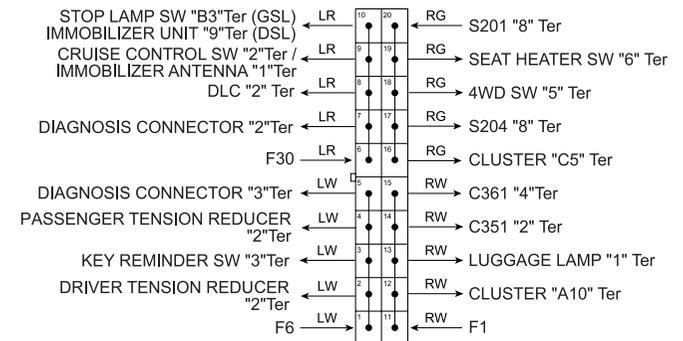


- W/H DOOR

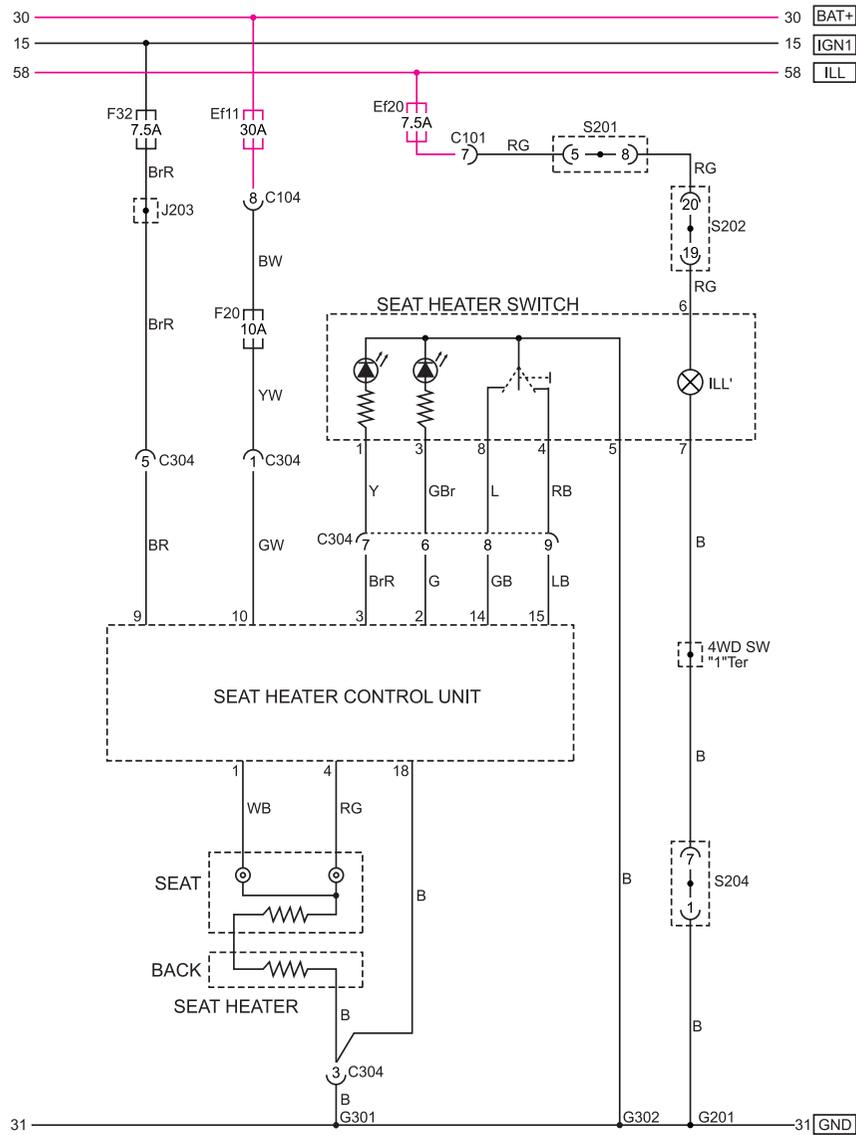


**d. SPLICE PACK**

**S202 (BLACK)**



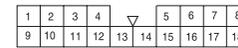
20. SEAT HEATER



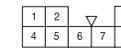
a. CONNECTOR INFORMATION

| CONNECTOR(NUMBER)       | CONNECTING WIRING HARNESS       | CONNECTOR POSITION             |
|-------------------------|---------------------------------|--------------------------------|
| C101 (19Pin, White)     | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box           |
| C104 (8Pin, Colorless)  | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box           |
| C304 (10Pin, White)     | W/H Main - W/H Seat Heater      | Below Driver Seat              |
| S201 (8Pin, Colorless)  | W/H Main                        | Upper Fuse Box(Passenger Room) |
| S202 (20Pin, Black)     | W/H Main                        | Behind Cluster                 |
| S204 (14Pin, Colorless) | W/H Main                        | Behind Audio                   |
| J203                    | W/H Main                        | Next to BTSI Unit              |
| G201                    | W/H Main                        | Upper Front Left Leg Room      |
| G301                    | W/H Main                        | Below Front Left Seat          |
| G302                    | W/H Main                        | Below Center Console           |

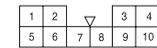
b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



SEAT HEATER UNIT



SEAT HEATER SW



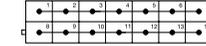
C304 (WHITE)



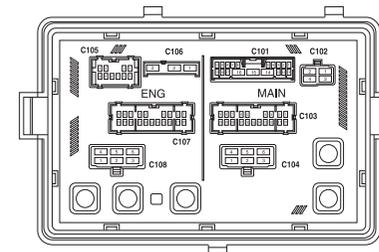
S201 (COLORLESS)



S202 (BLACK)

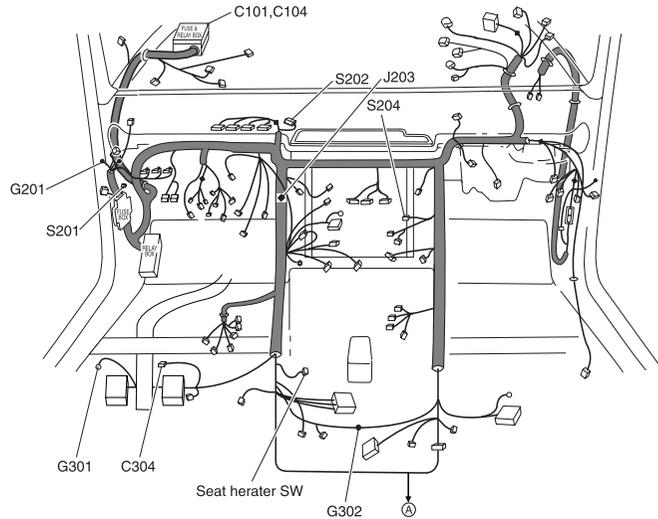


S204 (COLORLESS)

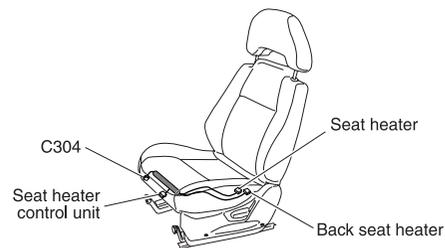


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

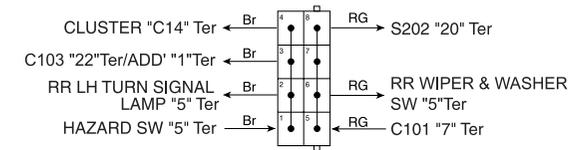


- W/H SEAT HEATER

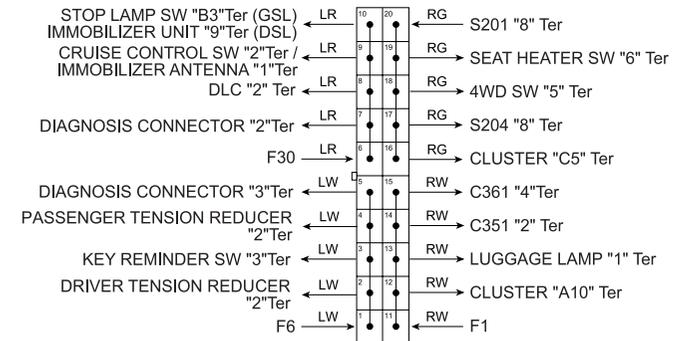


**d. SPLICE PACK**

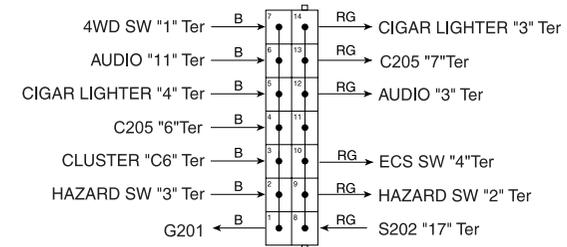
**S201 (COLORLESS)**



**S202 (BLACK)**

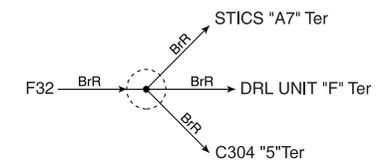


**S204 (COLORLESS)**



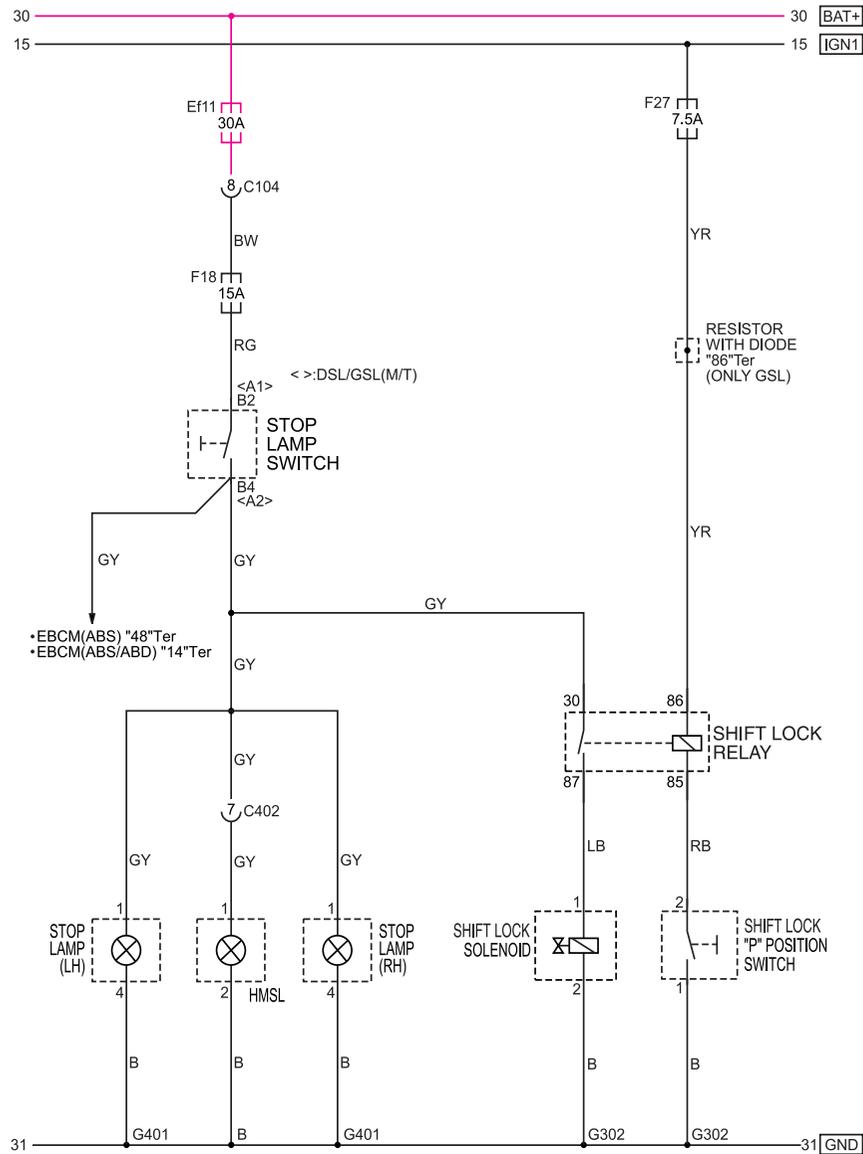
**e. JOINT**

**J203**



## 21. STOP LAMP, BTSI (BRAKE TRANSMISSION SHIFT INTERLOCK)

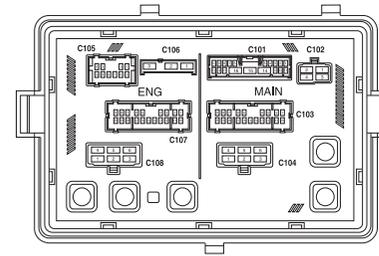
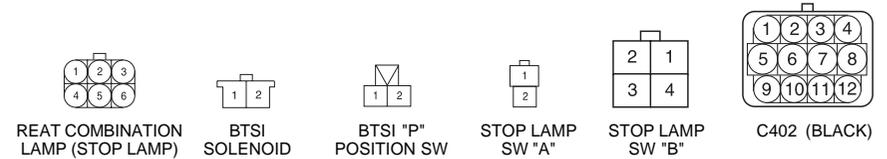
### 1) METAL TOP



### a. CONNECTOR INFORMATION

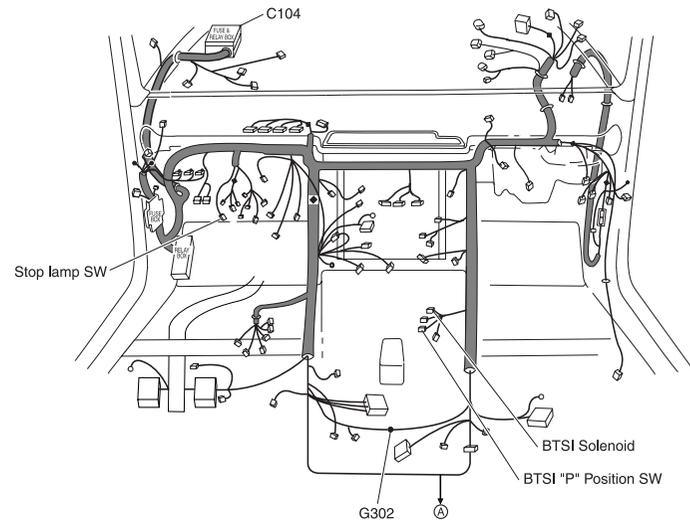
| CONNECTOR (NUMBER)     | CONNECTING WIRING HARNESS       | CONNECTOR POSITION                  |
|------------------------|---------------------------------|-------------------------------------|
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box                |
| C402 (12Pin, Black)    | W/H Tail Gate - W/H Main        | Behind Left Tail Lamp               |
| G302                   | W/H Main                        | Below Center Console                |
| G401                   | W/H Main                        | Inside Lower Trim Rear Left Quarter |

### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

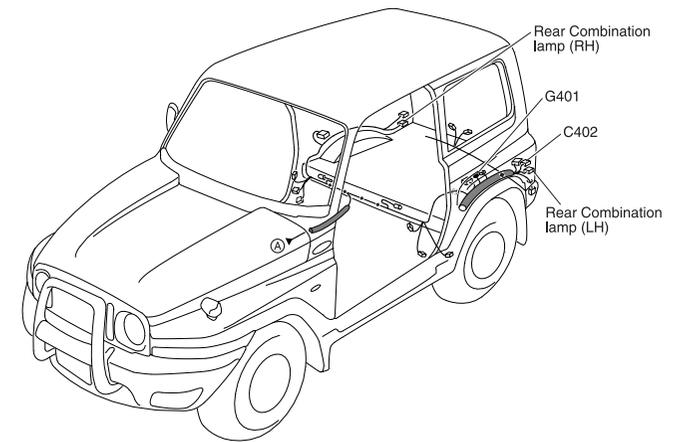


**c. POSITION OF CONNECTORS AND GROUNDS**

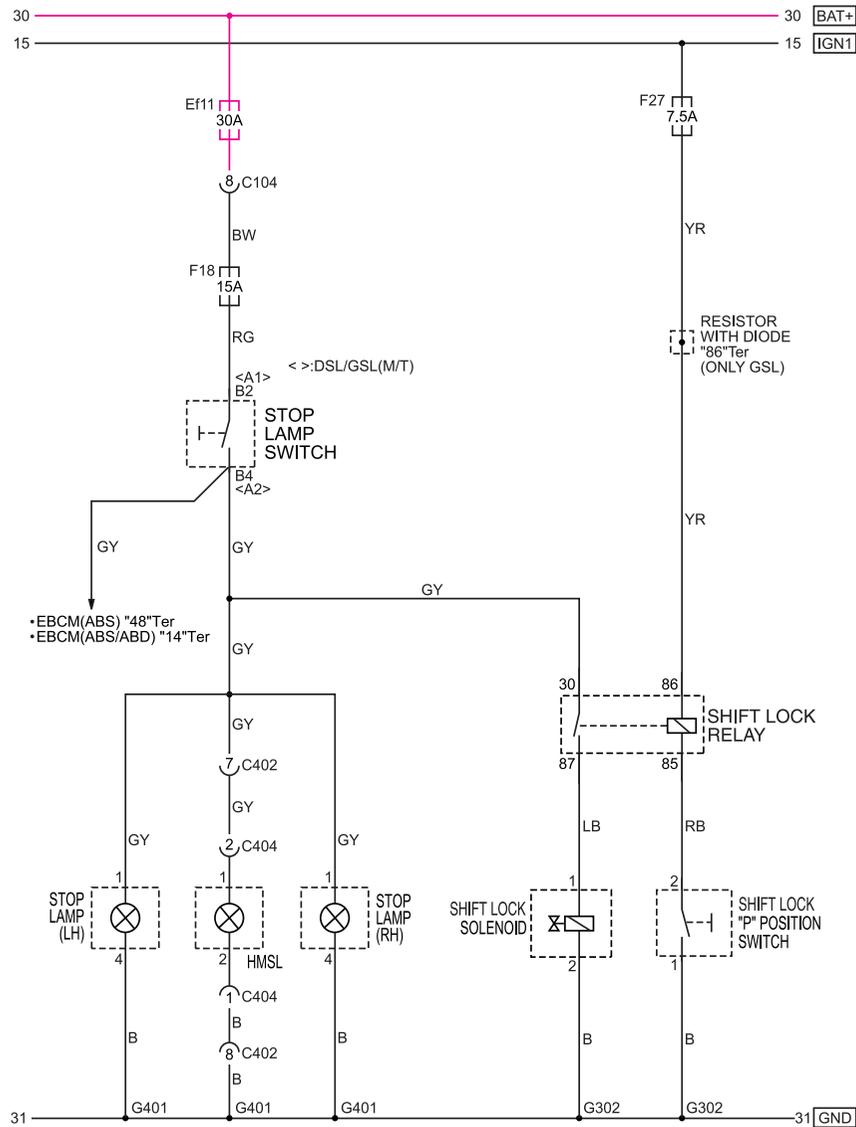
- W/H MAIN



- W/H MAIN (FLOOR)



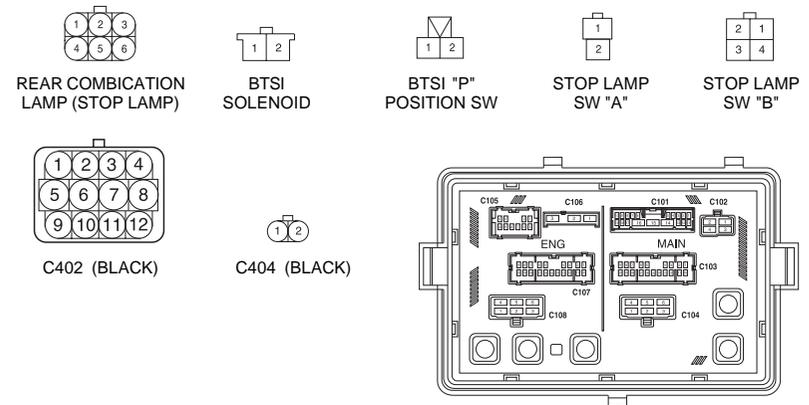
2) SOFT TOP



a. CONNECTOR INFORMATION

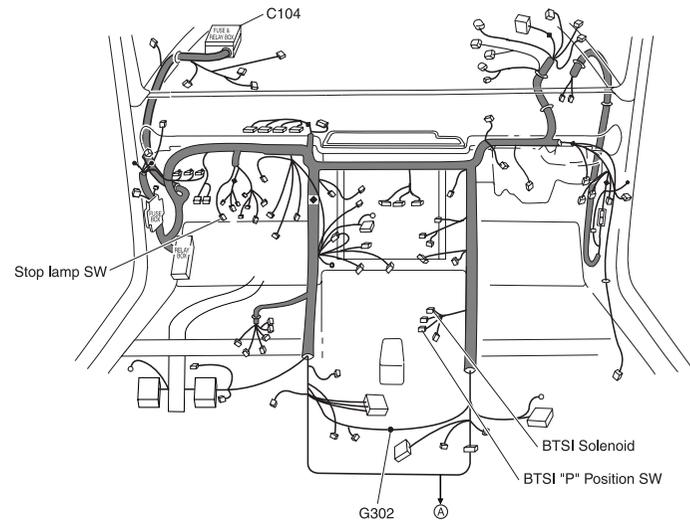
| CONNECTOR(NUMBER)      | CONNECTING.WIRINGHARNESS        | CONNECTOR POSITION                  |
|------------------------|---------------------------------|-------------------------------------|
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box                |
| C402 (12Pin, Black)    | W/H Tail Gate - W/H Main        | Behind Left Tail Lamp               |
| C404 (2Pin, Black)     | W/H Tail Gate - W/H HMSL        | Inside Tail Gate                    |
| G302                   | W/H Main                        | Below Center Console                |
| G401                   | W/H Main                        | Inside Lower Trim Rear Left Quarter |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

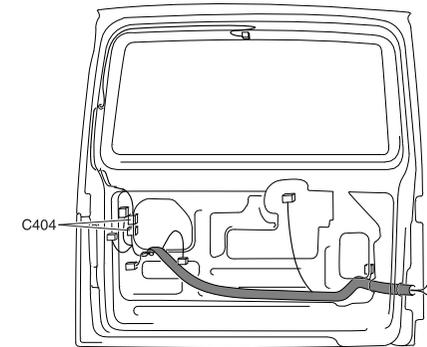


**c. POSITION OF CONNECTORS AND GROUNDS**

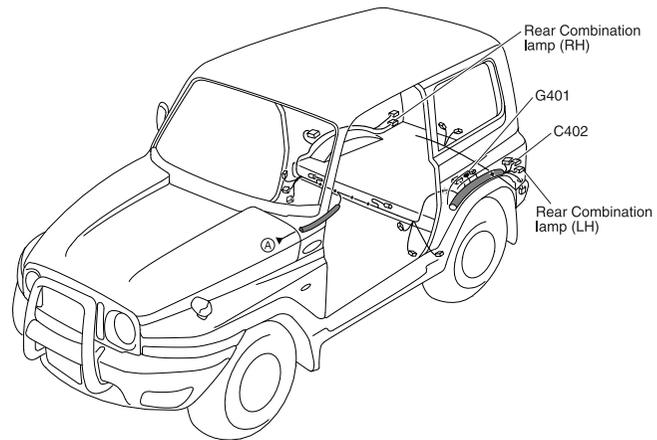
- W/H MAIN



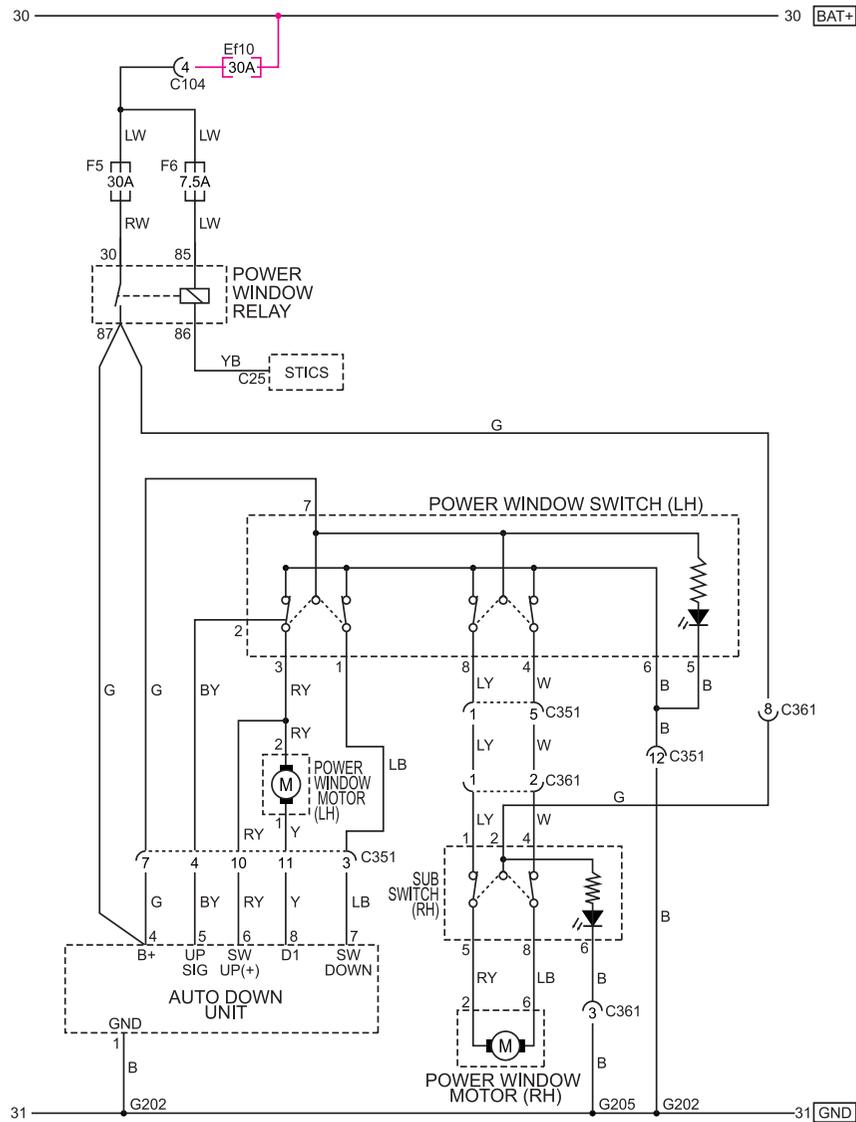
- W/H TAIL GATE



- W/H MAIN (FLOOR)



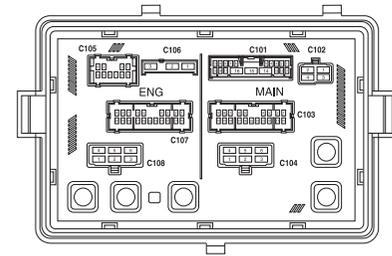
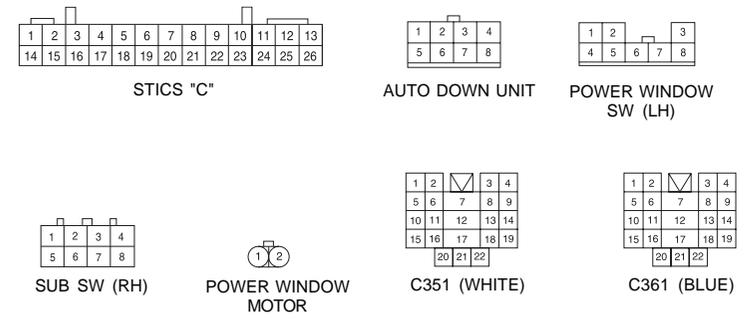
22. POWER WINDOW



a. CONNECTOR INFORMATION

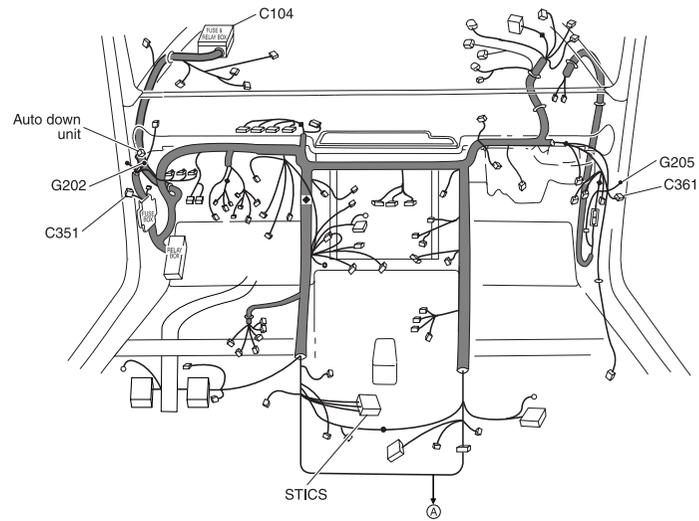
| CONNECTOR(NUMBER)      | CONNECTING WIRING HARNESS       | CONNECTOR POSITION              |
|------------------------|---------------------------------|---------------------------------|
| C104 (8Pin, Colorless) | Engine Room Fuse Box - W/H Main | Engine Room Fuse & Relay Box    |
| C351 (22Pin, White)    | W/H Main - W/H FRT LH Door      | Upper Fuse Box (Passenger Room) |
| C361 (22Pin, Blue)     | W/H Main - W/H FRT RH Door      | Behind Front Right Panel        |
| G202                   | W/H Main                        | Upper Front Left Leg Room       |
| G205                   | W/H Main                        | Center "A" Pillar Front Right   |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

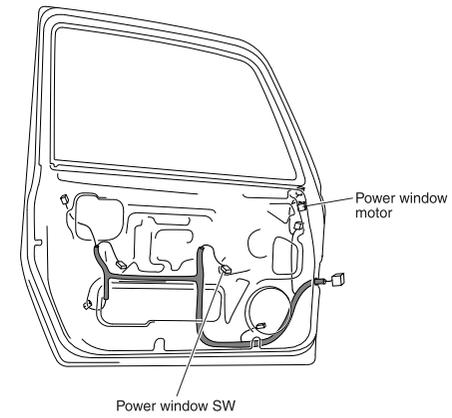


**c. POSITION OF CONNECTORS AND GROUNDS**

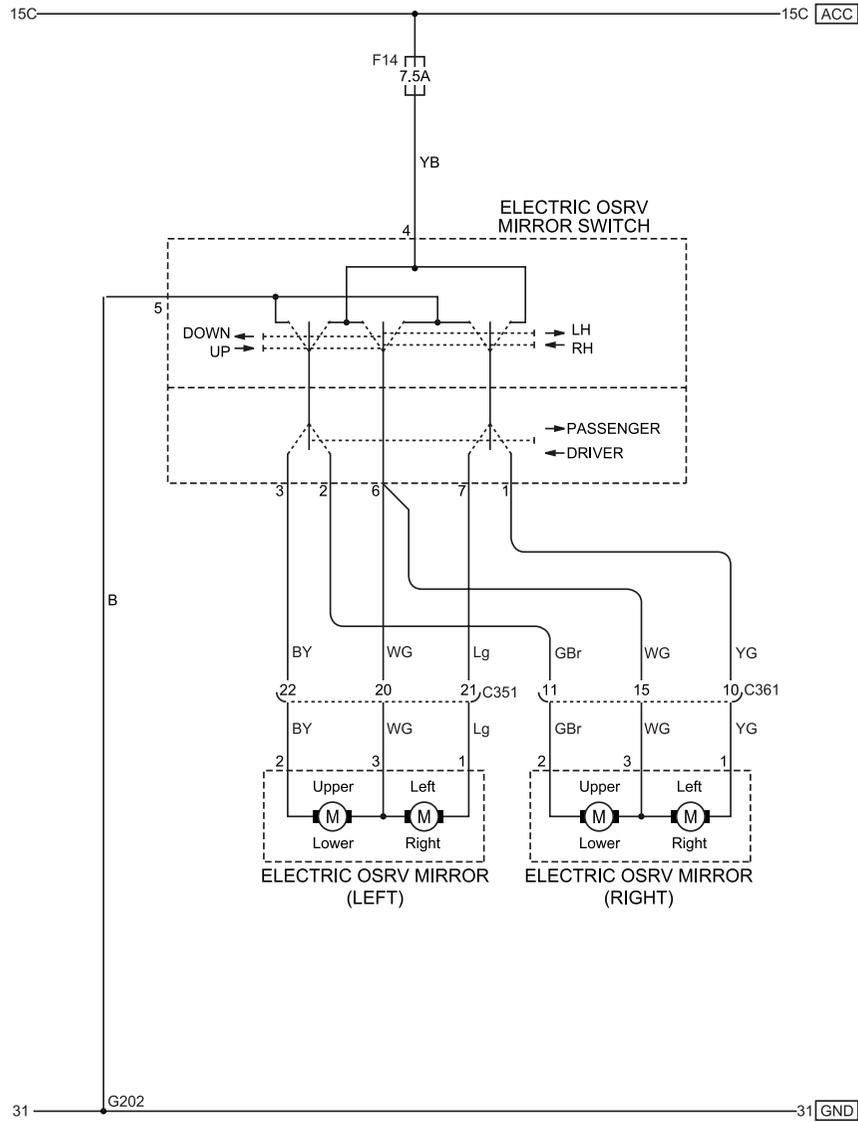
- W/H MAIN



- W/H DOOR



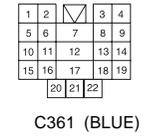
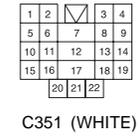
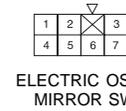
23. ELECTRIC OSRV (OUTSIDE REAR VIEW) MIRROR



a. CONNECTOR INFORMATION

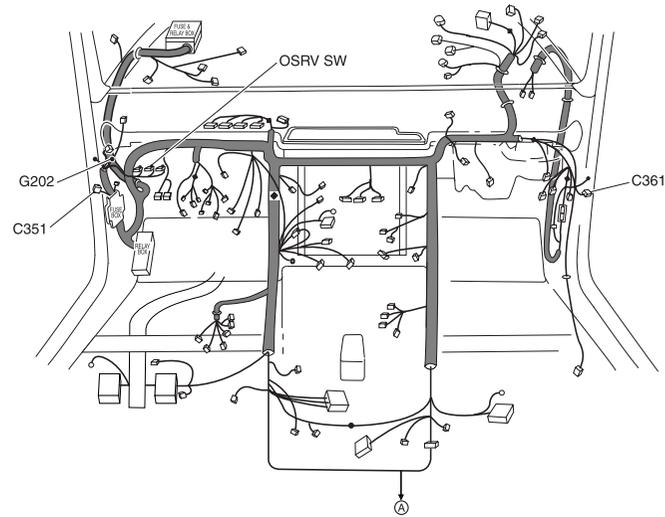
| CONNECTOR(NUMBER)   | CONNECTING. WIRING HARNESS | CONNECTOR POSITION              |
|---------------------|----------------------------|---------------------------------|
| C351 (22Pin, White) | W/H Main - W/H FRT LH Door | Upper Fuse Box (Passenger Room) |
| C361 (22Pin, Blue)  | W/H Main - W/H FRT RH Door | Behind Front Right Panel        |
| G202                | W/H Main                   | Upper Front Left Leg Room       |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

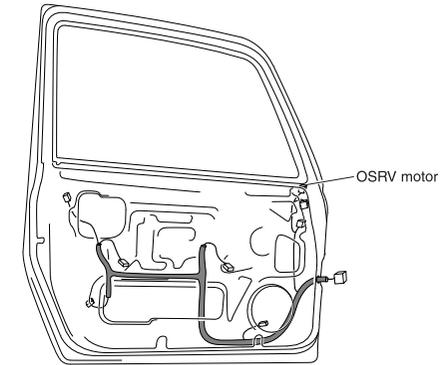


**c. POSITION OF CONNECTORS AND GROUNDS**

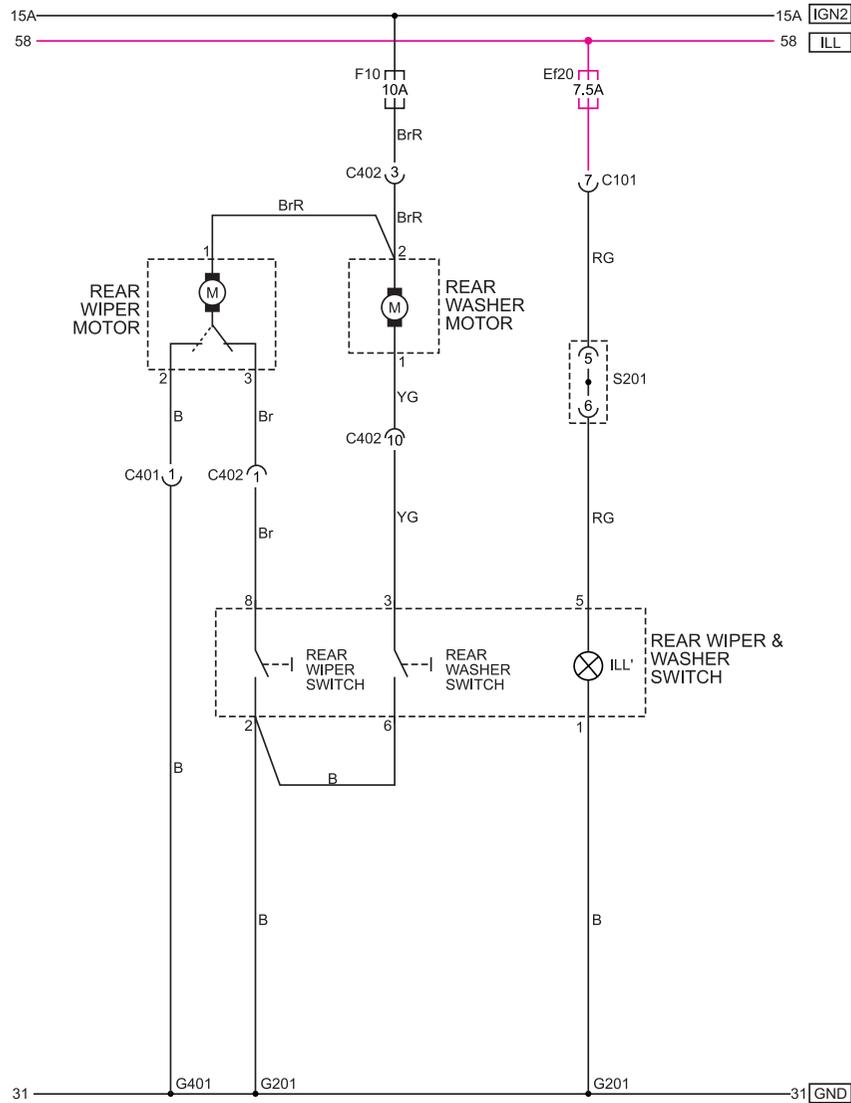
- W/H MAIN



- W/H DOOR



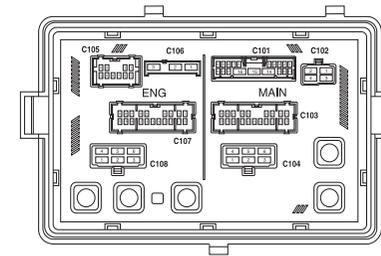
24. REAR WIPER & WASHER



a. CONNECTOR INFORMATION

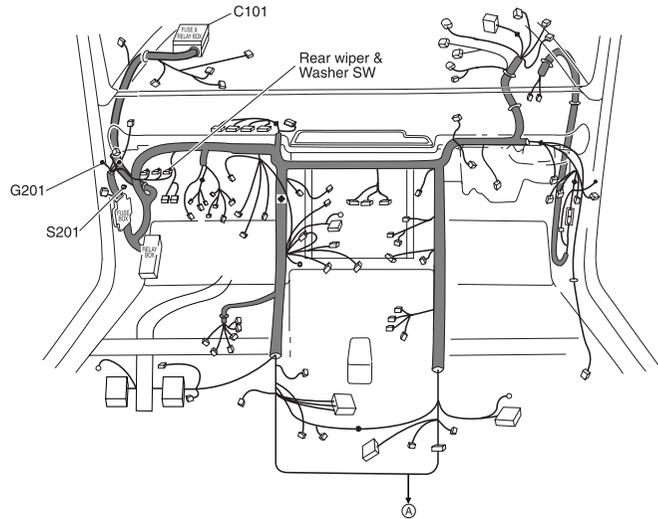
| CONNECTOR(NUMBER)      | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION                  |
|------------------------|---------------------------------|-------------------------------------|
| C101 (19Pin, White)    | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box                |
| C401 (2Pin, Black)     | W/H Tail Gate - W/H Main        | Behind Left Tail Lamp               |
| C402 (12Pin, Black)    | W/H Tail Gate - W/H Main        | Behind Left Tail Lamp               |
| S201 (8Pin, Colorless) | W/H Main                        | Upper Fuse Box(Passenger Room)      |
| G201                   | W/H Main                        | Upper Front Left Leg Room           |
| G401                   | W/H Main                        | Inside Lower Trim Rear Left Quarter |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

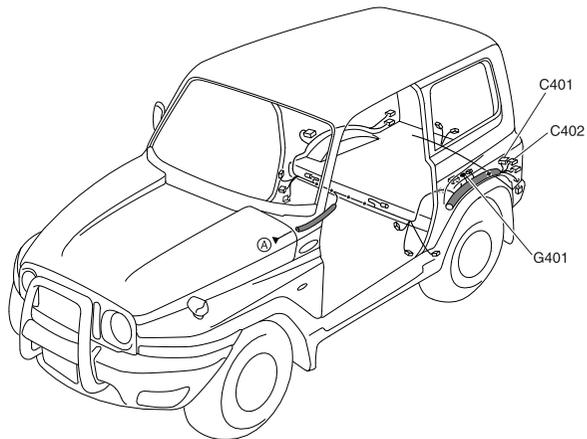


**c. POSITION OF CONNECTORS AND GROUNDS**

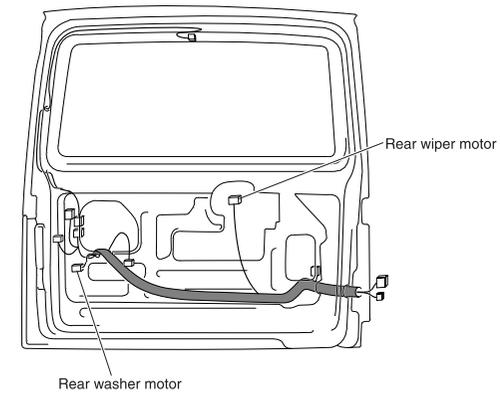
- W/H MAIN



- W/H MAIN (FLOOR)

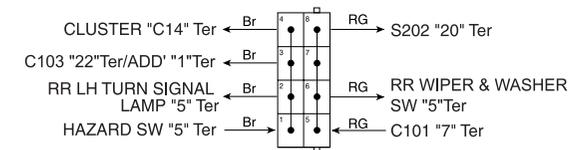


- W/H TAIL GATE

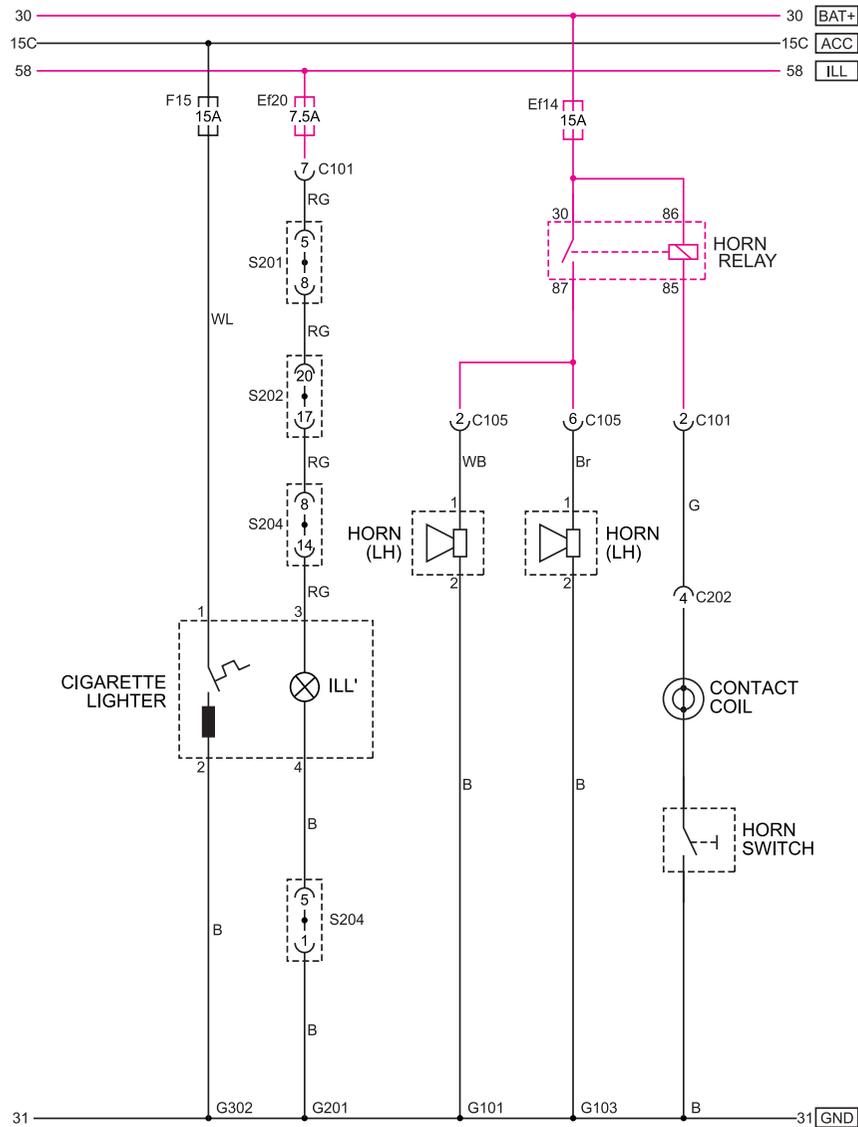


**d. SPLICE PACK**

**S201 (COLORLESS)**



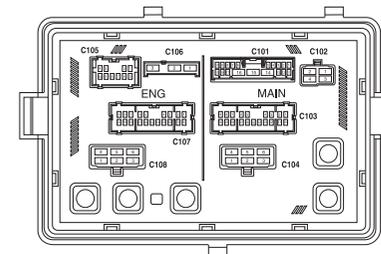
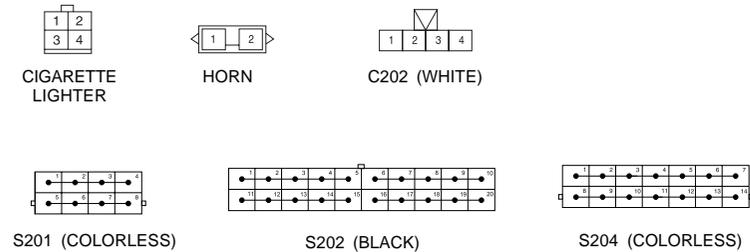
25. CIGARETTE LIGHTER, HORN



a. CONNECTOR INFORMATION

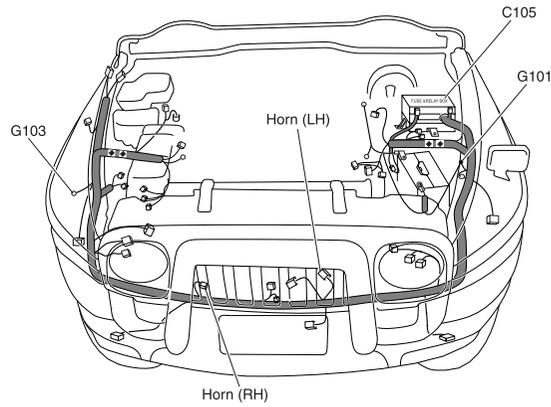
| CONNECTOR (NUMBER)      | CONNECTING WIRING HARNESS              | CONNECTOR POSITION              |
|-------------------------|--|---------------------------------|
| C101 (19Pin, White)     | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box            |
| C105 (10Pin, White)     | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box            |
| C202 (4Pin, White)      | W/H Main - W/H Air Bag                 | Above Driver Seat Under Cover   |
| S201 (8Pin, Colorless)  | W/H Main                               | Upper Fuse Box (Passenger Room) |
| S202 (20Pin, Black)     | W/H Main                               | Behind Cluster                  |
| S204 (14Pin, Colorless) | W/H Main                               | Behind Audio                    |
| G101                    | W/H Engine Room                        | Left Fender Next to Battery     |
| G103                    | W/H Engine Room                        | Right Fender Engine Room        |
| G201                    | W/H Main                               | Upper Front Left Leg Room       |
| G302                    | W/H Main                               | Below Center Console            |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

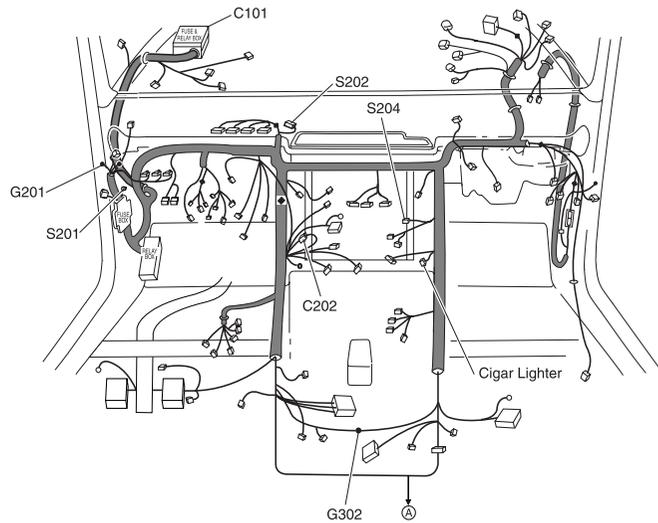


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H ENGINE ROOM

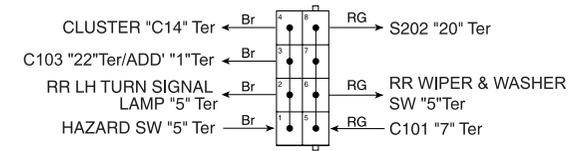


- W/H MAIN

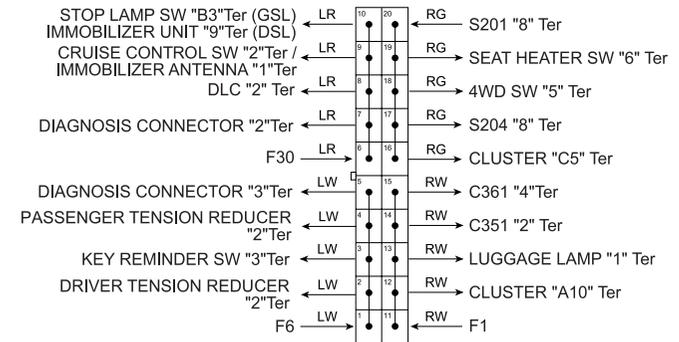


**d. SPLICE PACK**

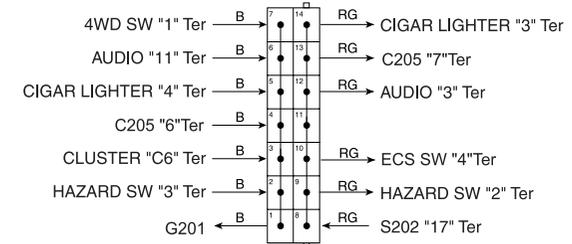
**S201 (COLORLESS)**



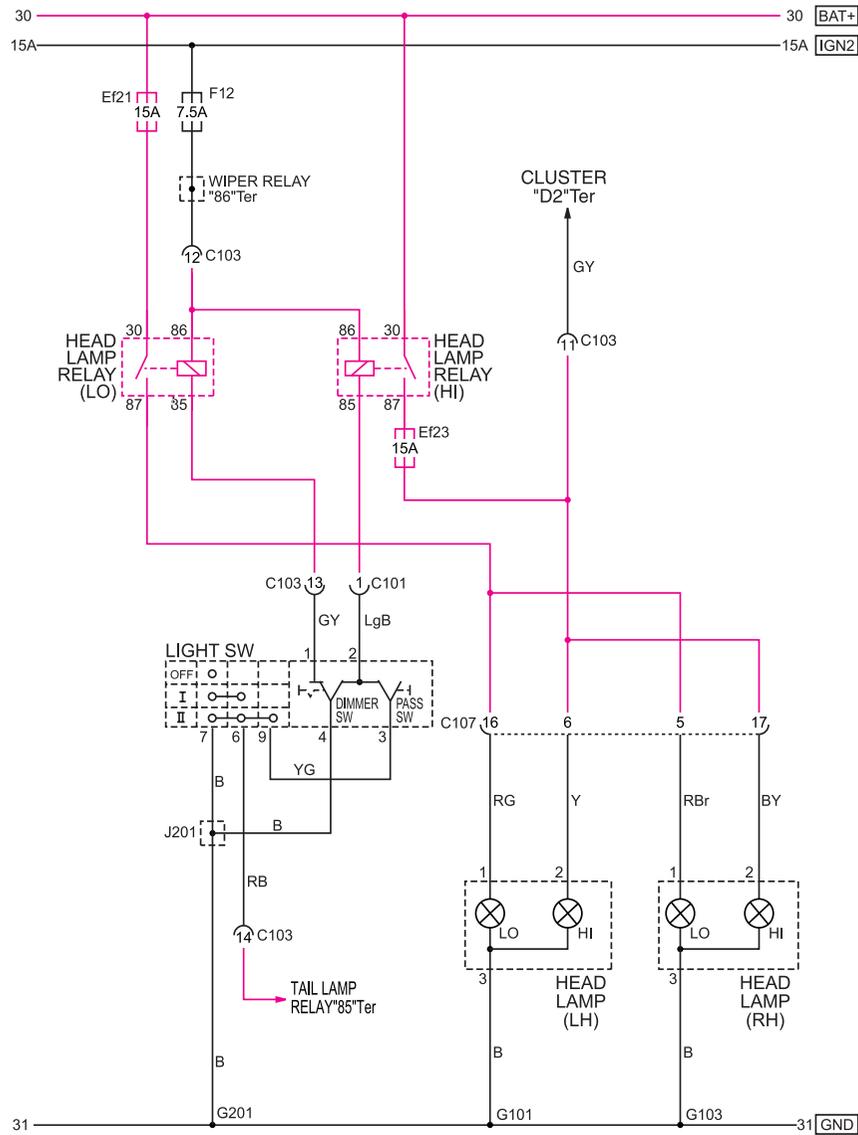
**S202 (BLACK)**



**S204 (COLORLESS)**



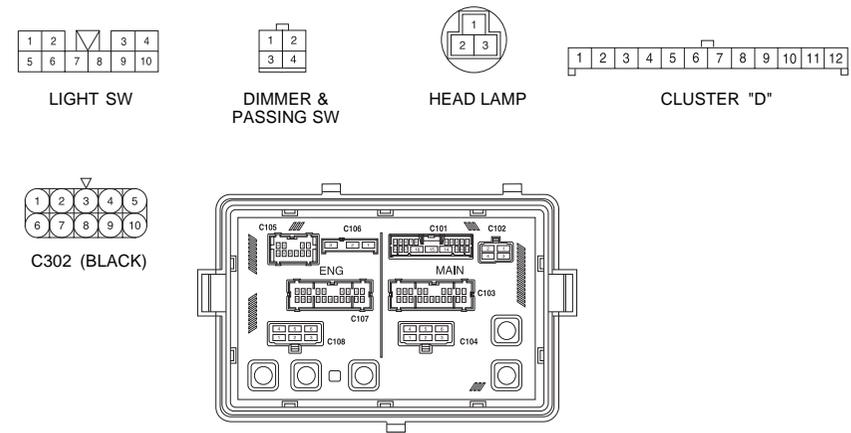
26. HEAD LAMP



a. CONNECTOR INFORMATION

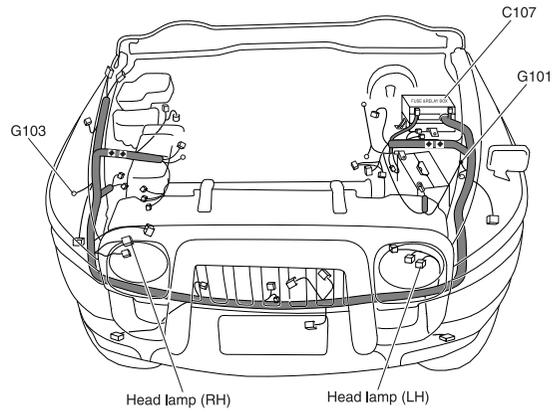
| CONNECTOR (NUMBER)  | CONNECTING WIRING HARNESS              | CONNECTOR POSITION            |
|---------------------|--|-------------------------------|
| C101 (19Pin, White) | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box          |
| C103 (22Pin, White) | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box          |
| C107 (20Pin, White) | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box          |
| J201                | W/H Main                               | Above FRT LH Seat Under Cover |
| G101                | W/H Engine Room                        | Left Fender Next to Battery   |
| G103                | W/H Engine Room                        | Right Fender Engine Room      |
| G201                | W/H Main                               | Upper Front Left Leg Room     |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



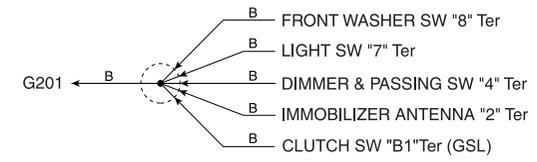
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H ENGINE ROOM

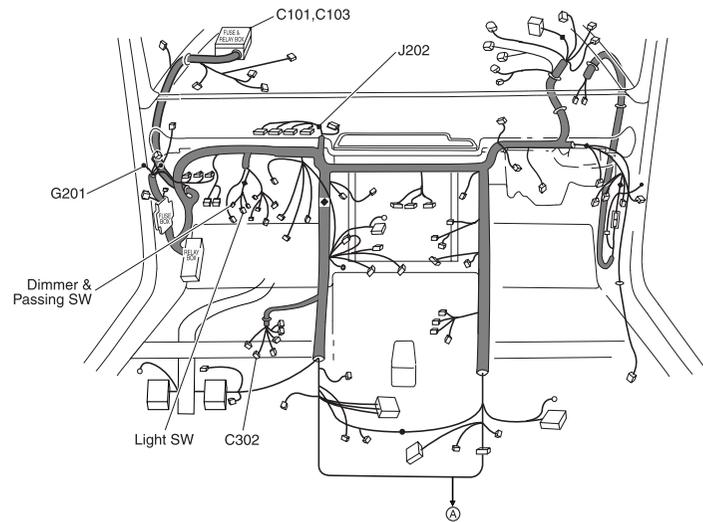


**d. JOINT**

**J201**

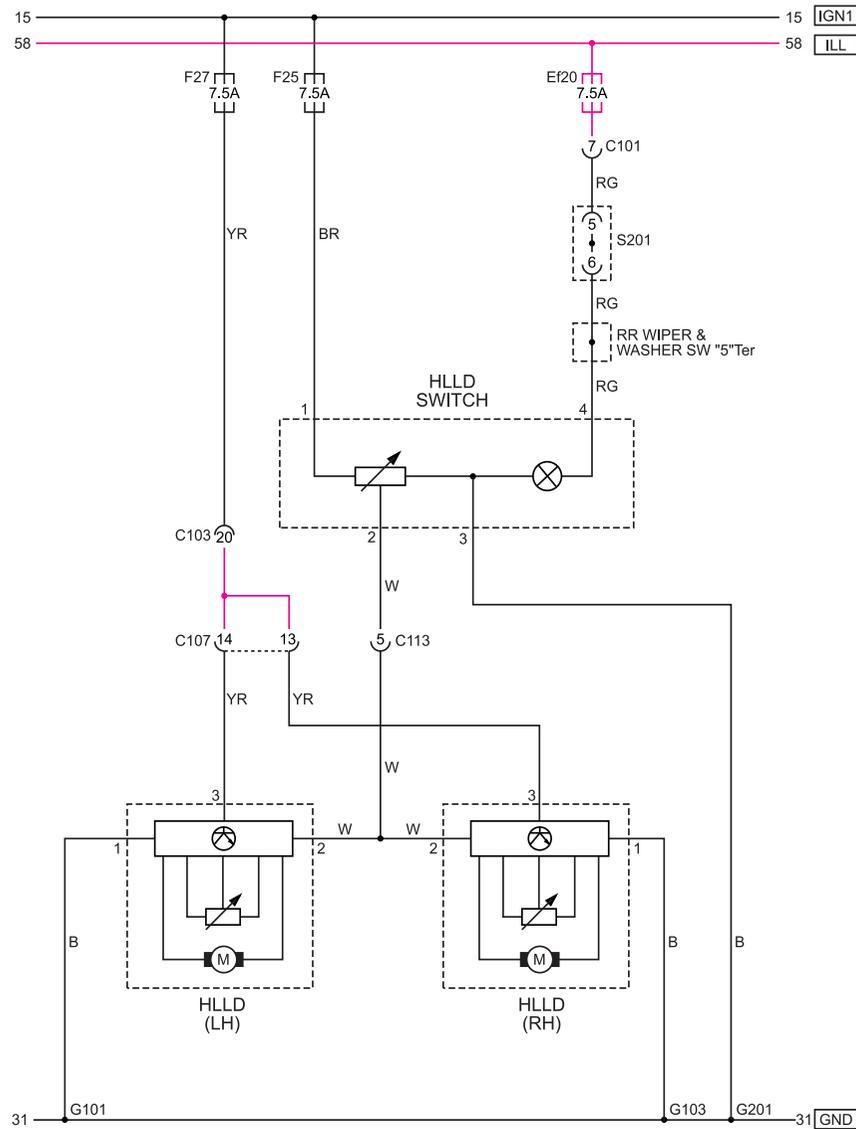


- W/H MAIN



## 27. HEAD LAMP LEVELING DEVICE (HLLD)

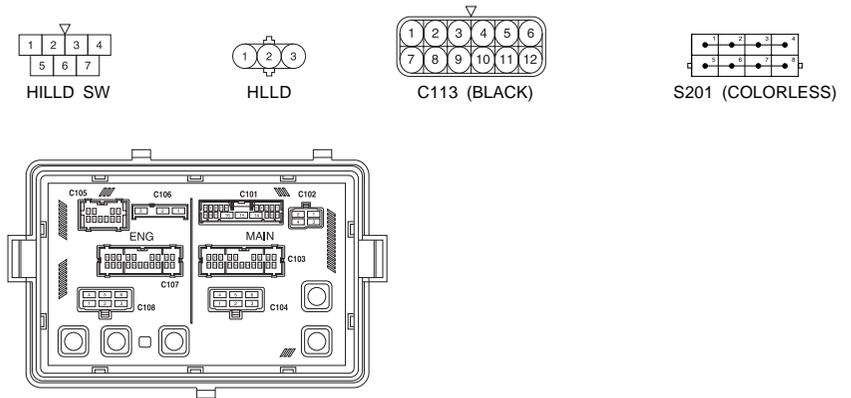
### 1) GASOLINE



### a. CONNECTOR INFORMATION

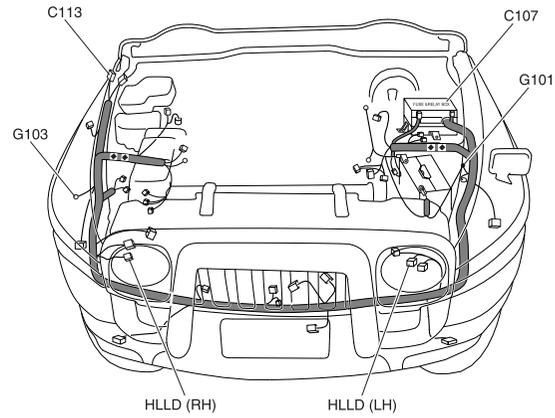
| CONNECTOR (NUMBER)     | CONNECTING WIRING HARNESS             | CONNECTOR POSITION              |
|------------------------|---------------------------------------|---------------------------------|
| C101 (19Pin, White)    | Engine Room Fuse Box - W/H Main       | Engine Room Fuse Box            |
| C103 (22Pin, White)    | Engine Room Fuse Box -W/H Main        | Engine Room Fuse Box            |
| C107 (20Pin, White)    | Engine Room Fuse Box -W/H Engine Room | Engine Room Fuse Box            |
| C113 (12Pin, Black)    | W/H Engine Room - W/H Main            | Next to Hydraulic Unit          |
| S201 (8Pin, Colorless) | W/H Main                              | Upper Fuse box (Passenger Room) |
| G101                   | W/H Engine Room                       | Left Fender Next to Battery     |
| G103                   | W/H Engine Room                       | Right Fender Engine Room        |
| G201                   | W/H Main                              | Upper Front Left Leg Room       |

### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



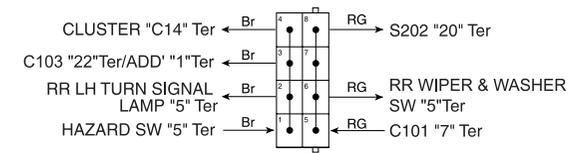
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H ENGINE ROOM

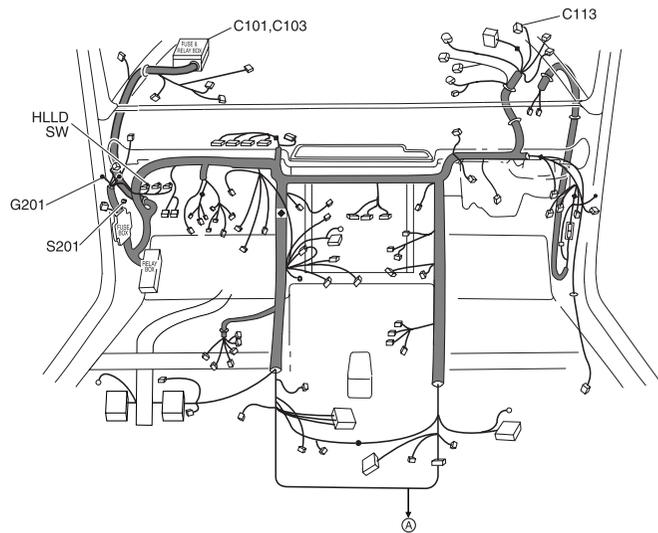


**d. SPLICE PACK**

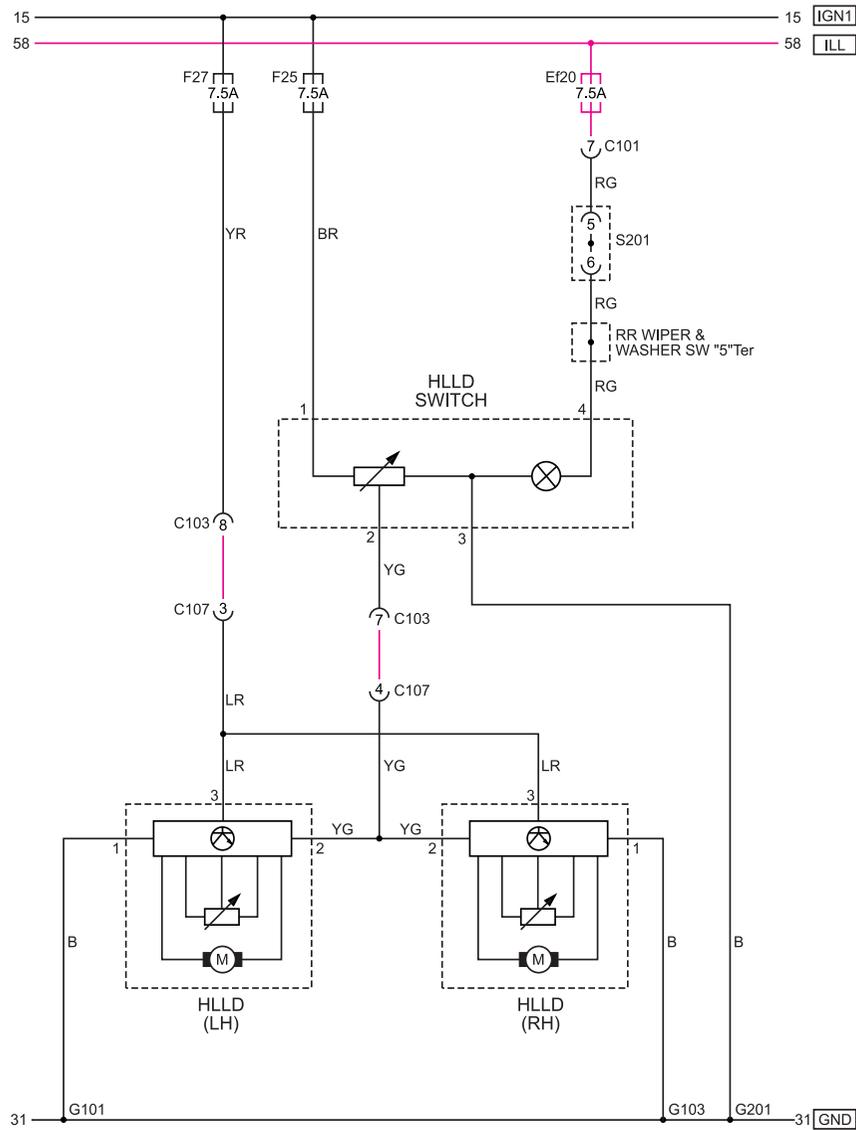
**S201 (COLORLESS)**



- W/H MAIN



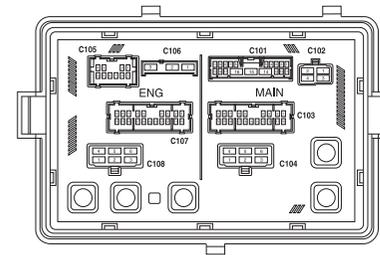
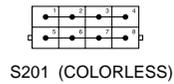
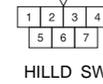
2) DIESEL



a. CONNECTOR INFORMATION

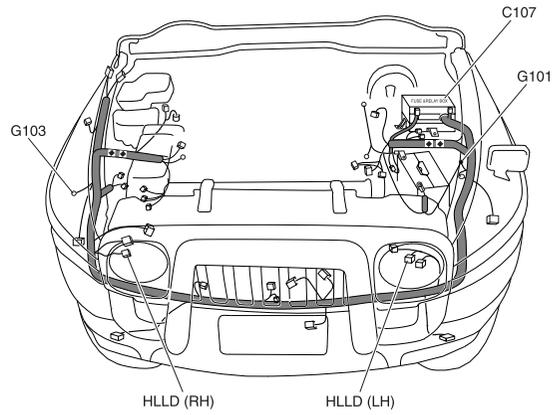
| CONNECTOR NUMBER       | CONNECTING WIRING HARNESS              | CONNECTOR POSITION             |
|------------------------|--|--------------------------------|
| C101 (19Pin, White)    | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box           |
| C103 (22Pin, White)    | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box           |
| C107 (20Pin, White)    | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box           |
| S201 (8Pin, Colorless) | W/H Main                               | Upper Fuse box(Passenger Room) |
| G101                   | W/H Engine Room                        | Left Fender Next to Battery    |
| G103                   | W/H Engine Room                        | Right Fender Engine Room       |
| G201                   | W/H Main                               | Upper Front Left Leg Room      |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



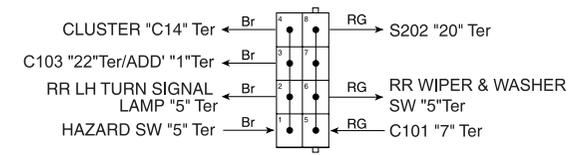
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H ENGINE ROOM

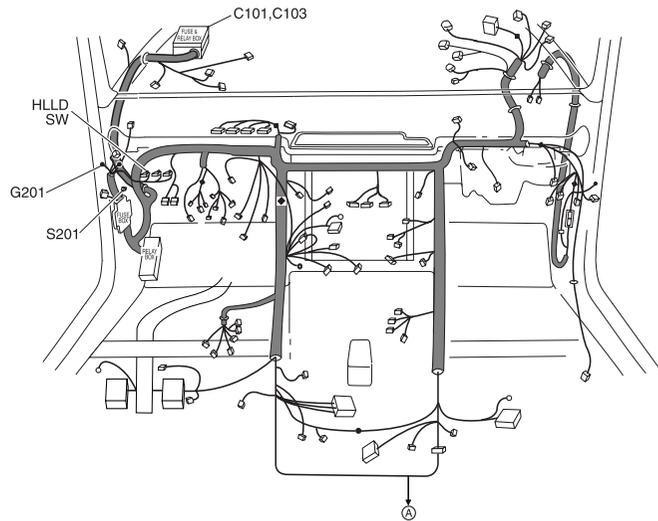


**d. SPLICE PACK**

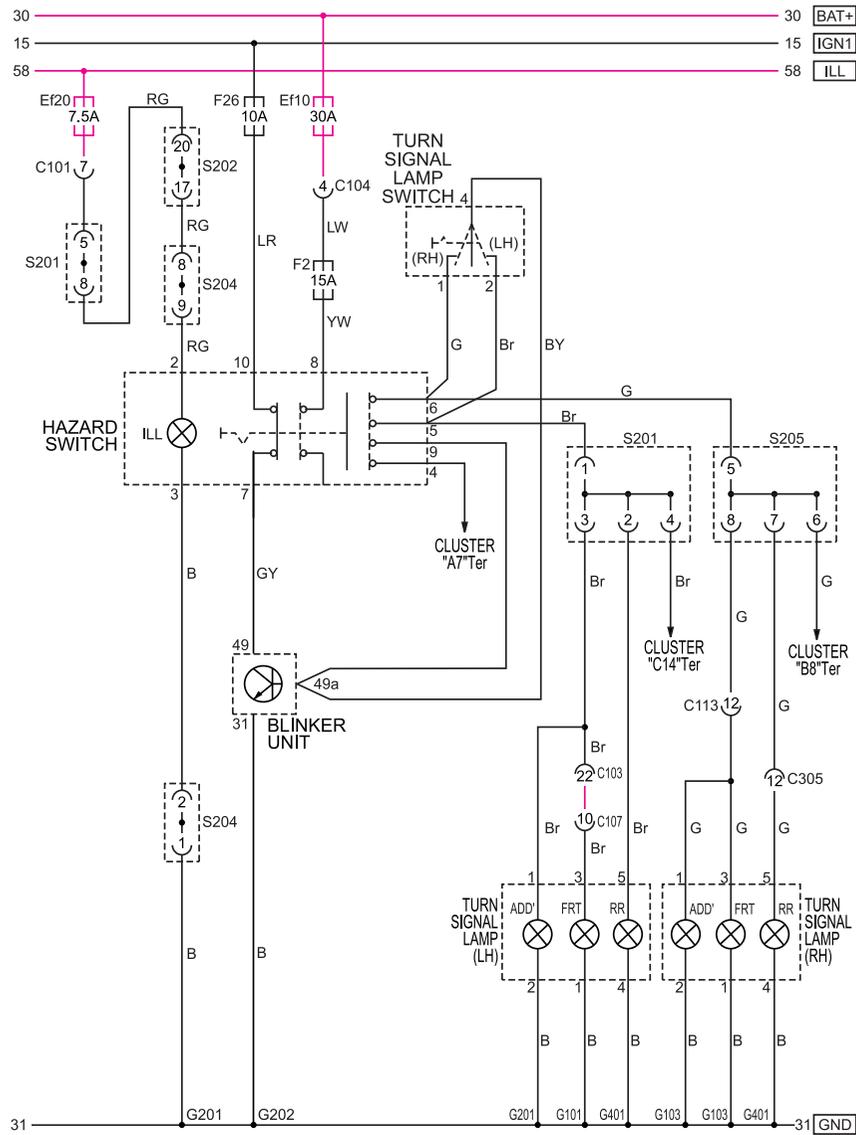
**S201 (COLORLESS)**



- W/H MAIN



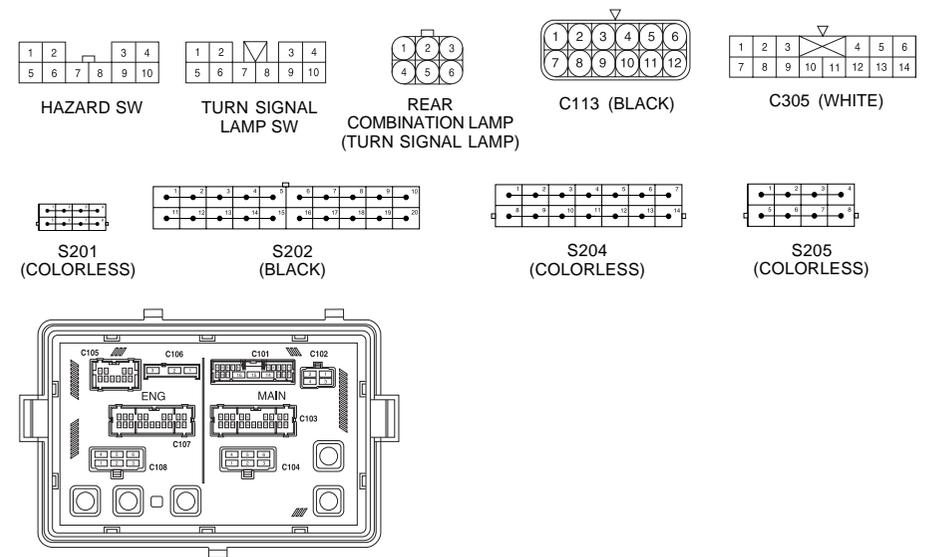
28. TURN SIGNAL LAMP



a. CONNECTOR INFORMATION

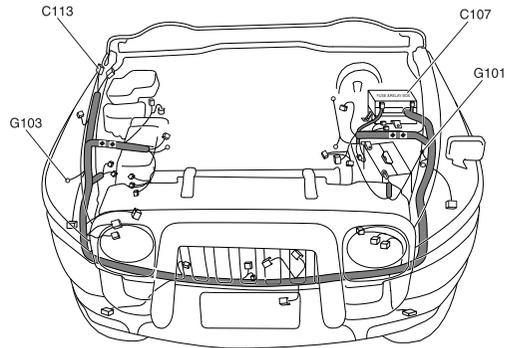
| CONNECTOR (NUMBER)      | CONNECTING WIRING HARNESS              | CONNECTOR POSITION                  |
|-------------------------|--|-------------------------------------|
| C101 (19Pin, White)     | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box                |
| C103 (22Pin, White)     | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box                |
| C104 (8Pin, Colorless)  | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box                |
| C107 (20Pin, White)     | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box                |
| C113 (12Pin, Black)     | W/H Engine Room - W/H Main             | Next to Hydraulic Unit              |
| C305 (14Pin, White)     | W/H Main - W/H Main                    | Below Center Console                |
| S201 (8Pin, Colorless)  | W/H Main                               | Upper Fuse box (Passenger Room)     |
| S202 (20Pin, Black)     | W/H Main                               | Behind Cluster                      |
| S204 (14Pin, Colorless) | W/H Main                               | Behind Audio                        |
| S205 (8Pin, Colorless)  | W/H Main                               | Behind Front Right Kick Panel       |
| G101                    | W/H Engine Room                        | Left Fender Next to Battery         |
| G103                    | W/H Engine Room                        | Right Fender Engine Room            |
| G201                    | W/H Main                               | Upper Front Left Leg Room           |
| G202                    | W/H Main                               | Upper Front Left Leg Room           |
| G401                    | W/H Main                               | Inside Lower Trim Rear Left Quarter |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

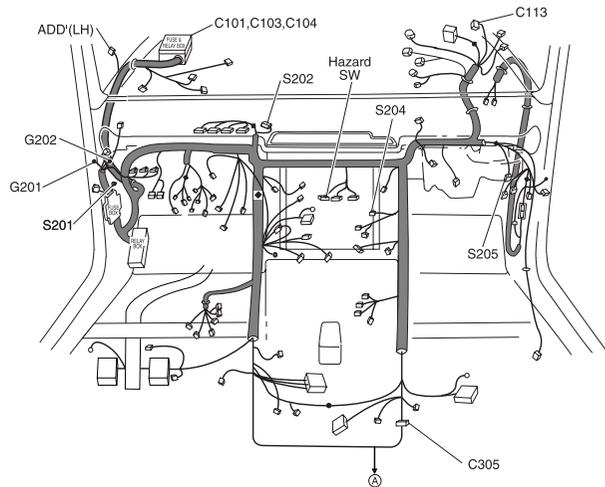


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H ENGINE ROOM

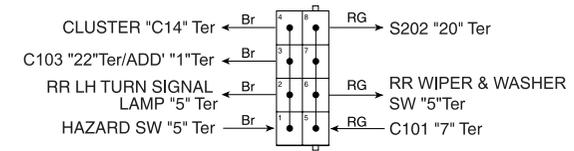


- W/H MAIN

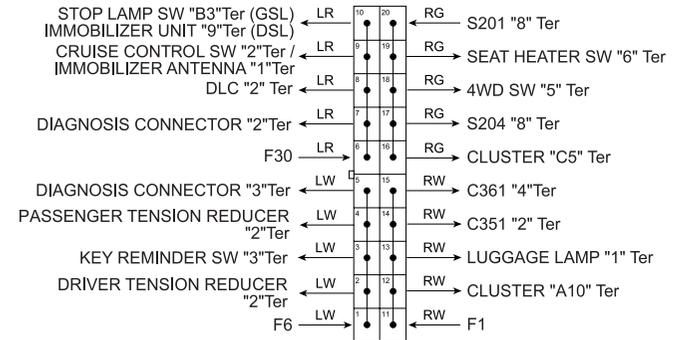


**d. SPLICE PACK**

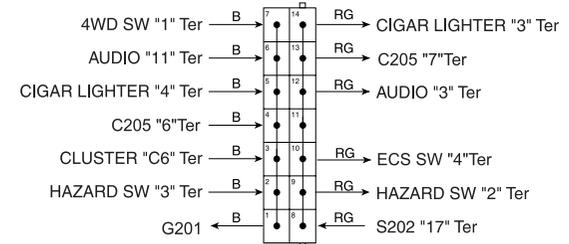
**S201 (COLORLESS)**



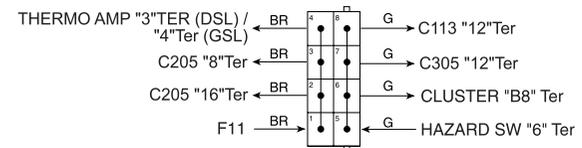
**S202 (BLACK)**



**S204 (COLORLESS)**

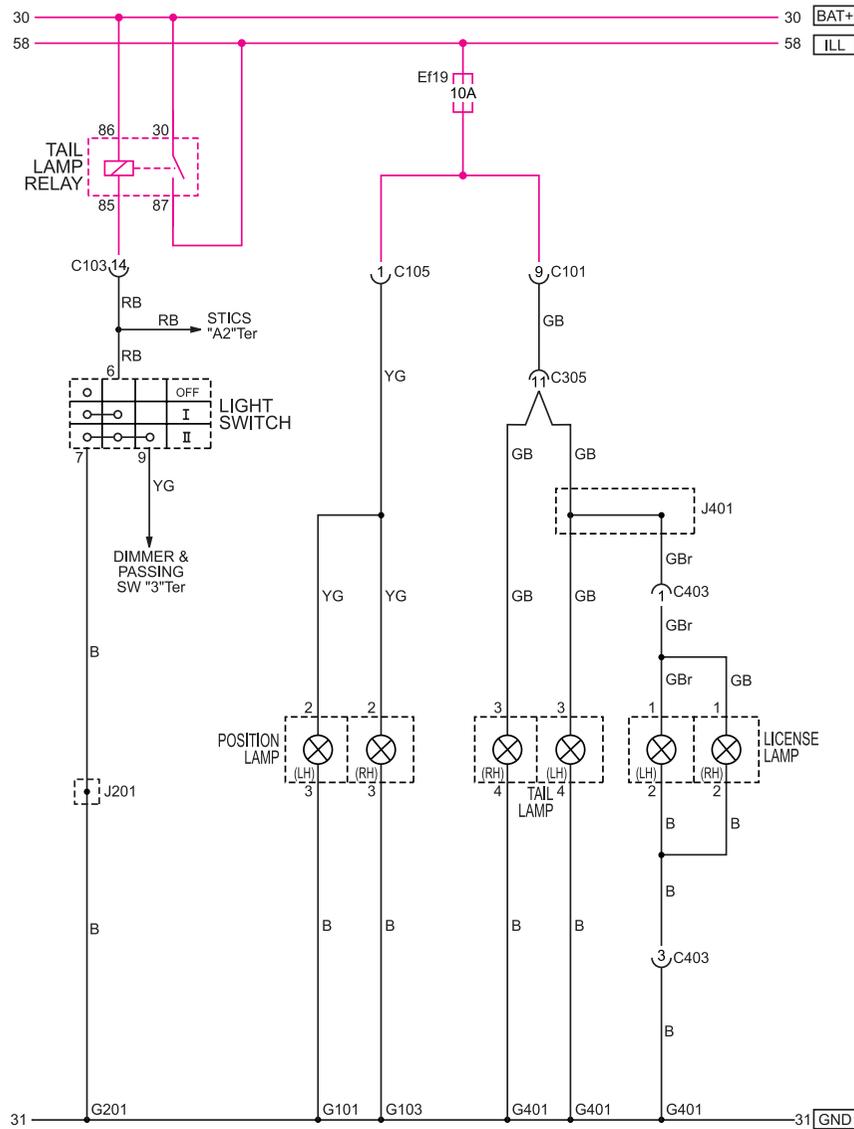


**S205 (COLORLESS)**



## 29. TAIL LAMP RELAY CIRCUIT

### 1) POSITION LAMP, TAIL LAMP, LICENSE LAMP



### a. CONNECTOR INFORMATION

| CONNECTOR(NUMBER)   | CONNECTING. WIRING HARNESS            | CONNECTOR POSITION                  |
|---------------------|---------------------------------------|-------------------------------------|
| C101 (19Pin, White) | Engine Room Fuse Box - W/H Main       | Engine Room Fuse Box                |
| C103 (22Pin, White) | Engine Room Fuse Box - W/H Main       | Engine Room Fuse Box                |
| C105 (10Pin, White) | Engine Room Fuse Box -W/H Engine Room | Engine Room Fuse Box                |
| C305 (14Pin, White) | W/H Main - W/H Main                   | Below Center Console                |
| C403(3Pin, Black)   | W/H Rear Bumper - W/H Main            | Inside Rear Bumper                  |
| J201                | W/H Main                              | Above FRT LH Seat Under Cover       |
| J401                | W/H Main                              | Below Luggage Lamp                  |
| G101                | W/H Engine Room                       | Left Fender Next to Battery         |
| G103                | W/H Engine Room                       | Right Fender Engine Room            |
| G201                | W/H Main                              | Upper Front Left Leg Room           |
| G401                | W/H Main                              | Inside Lower Trim Rear Left Quarter |

### b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



LIGHT SW



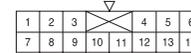
POSITION LAMP



REAR COMBINATION LAMP (TURN SIGNAL LAMP)



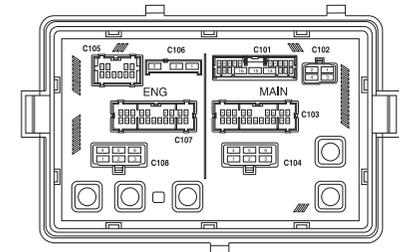
LICENSE LAMP



C305 (WHITE)

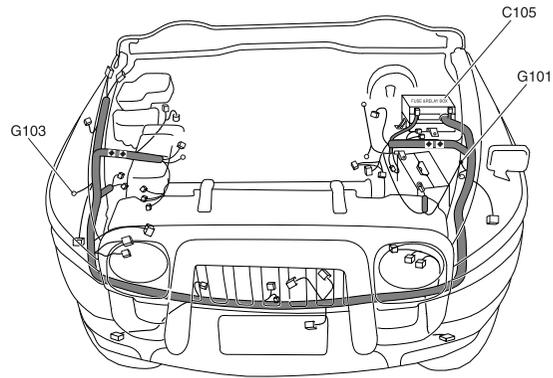


C403 (BLACK)

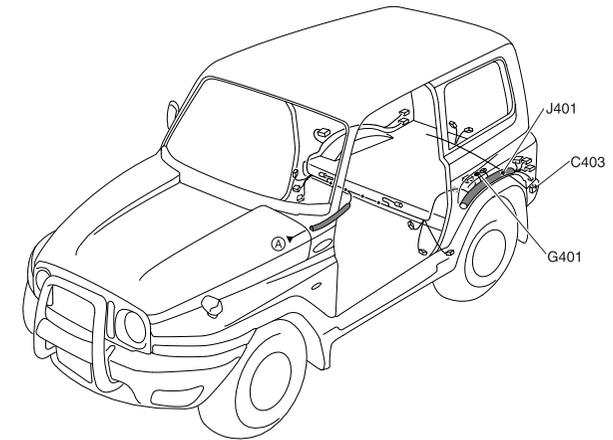


**c. POSITION OF CONNECTORS AND GROUNDS**

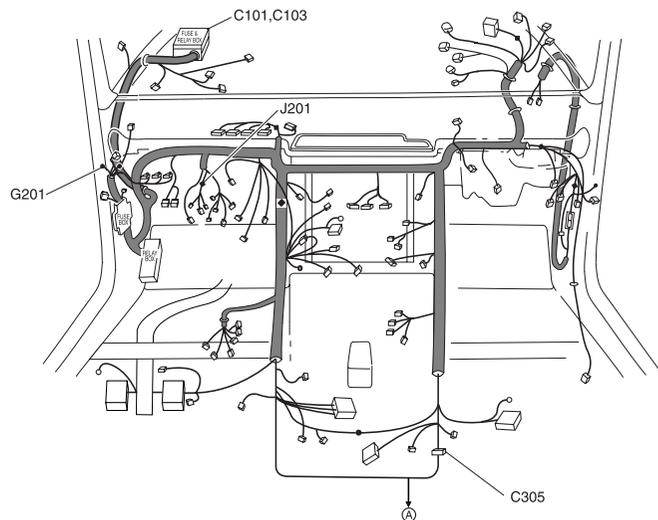
- W/H ENGINE ROOM



- W/H MAIN (FLOOR)

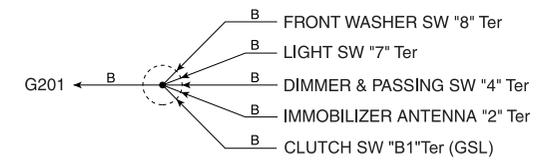


- W/H MAIN

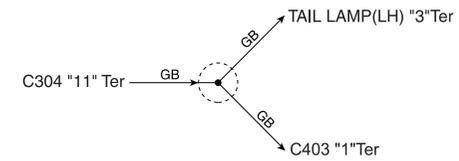


**d. JOINT**

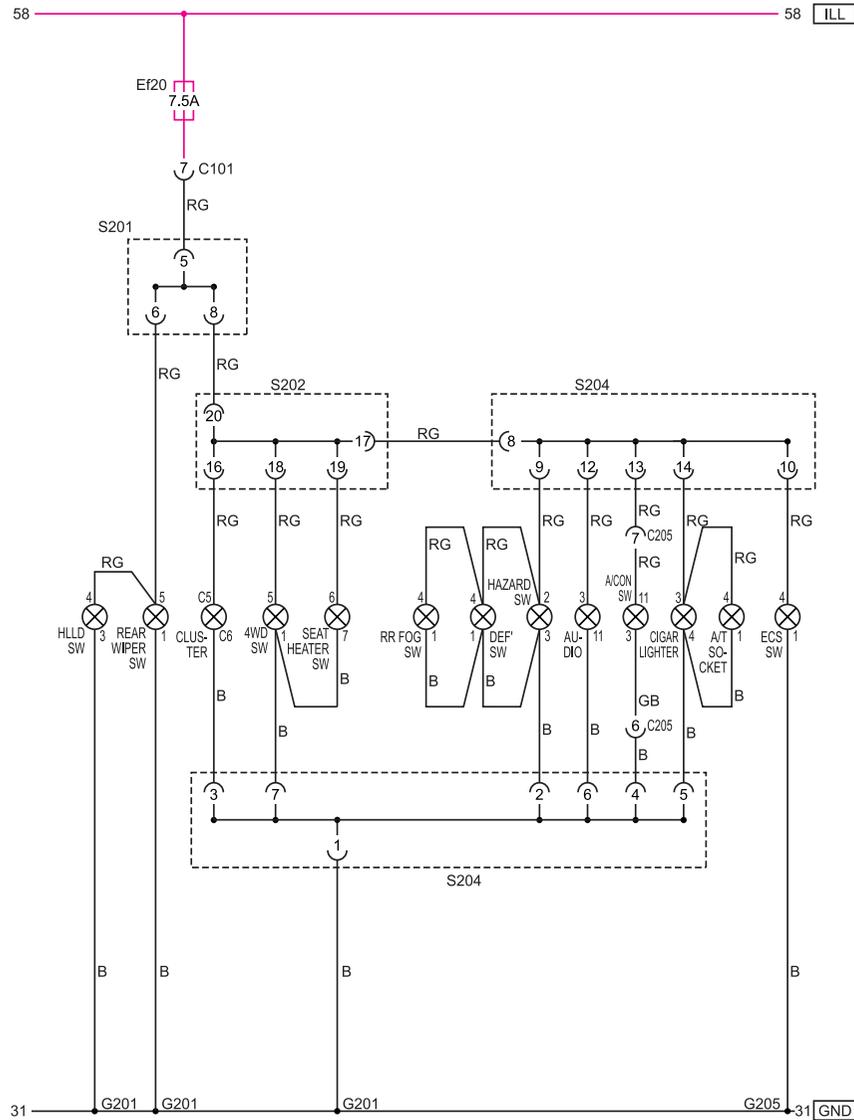
**J201**



**J401**



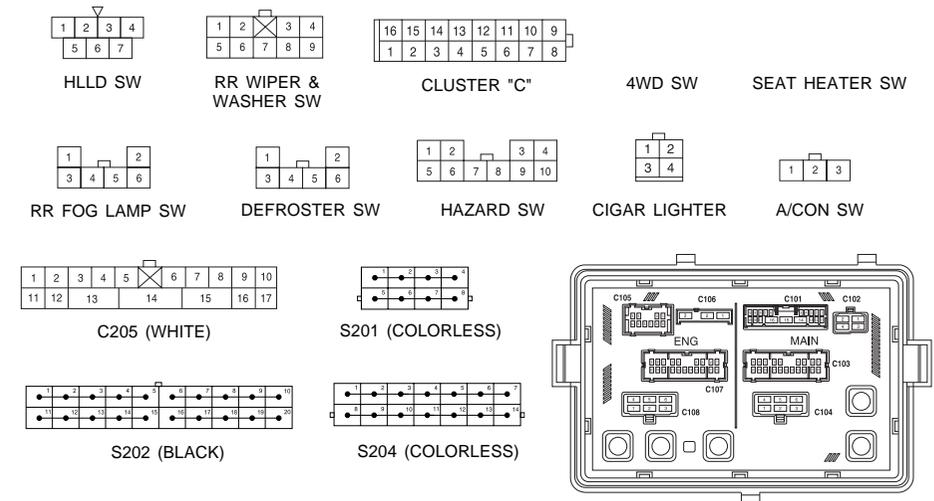
2) ILLUMINATION SWITCH



a. CONNECTOR INFORMATION

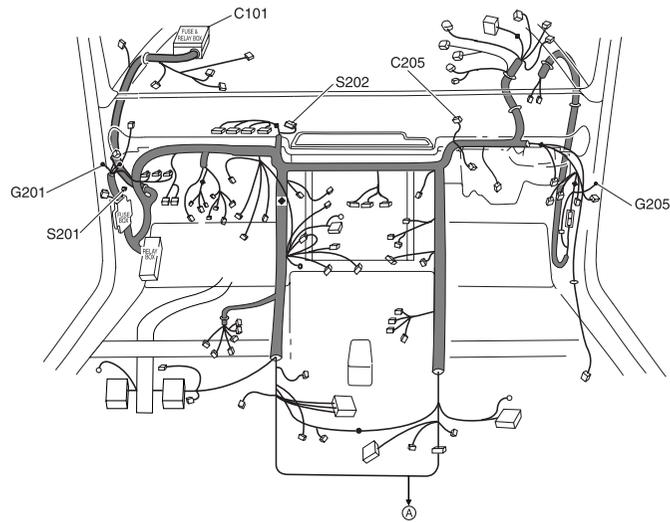
| CONNECTOR(NUMBER)       | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION             |
|-------------------------|---------------------------------|--------------------------------|
| C101 (19Pin, White)     | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box           |
| C205 (17Pin, White)     | W/H Main -- W/H Air Conditioner | Upper Evaporator               |
| S201 (8Pin, Colorless)  | W/H Main                        | Upper Fuse Box(Passenger Room) |
| S202 (20Pin, Black)     | W/H Main                        | Behind Cluster                 |
| S204 (14Pin, Colorless) | W/H Main                        | Behind Audio                   |
| G201                    | W/H Main                        | Upper Front Left Leg Room      |
| G205                    | W/H Main                        | Center "A" Pillar Front Right  |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



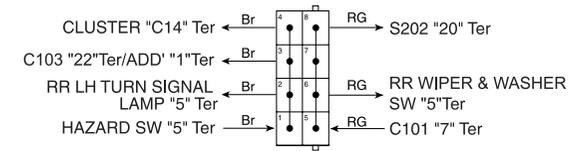
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

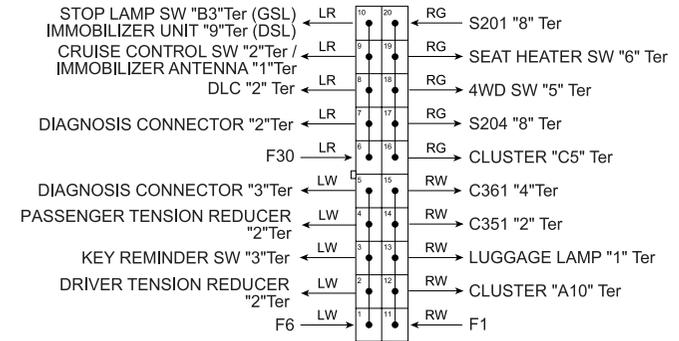


**d. SPLICE PACK**

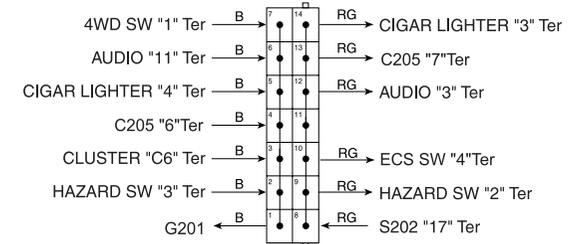
**S201 (COLORLESS)**



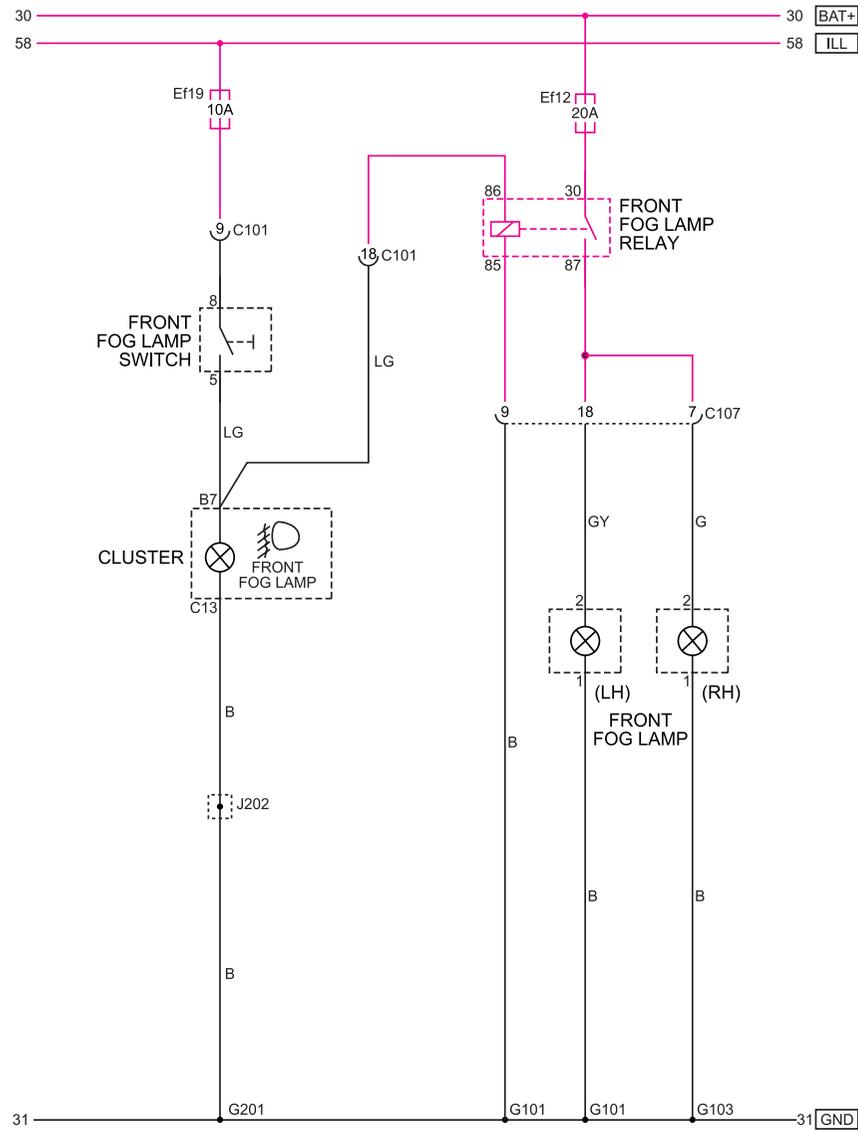
**S202 (BLACK)**



**S204 (COLORLESS)**



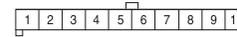
30. FRONT FOG LAMP



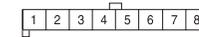
a. CONNECTOR INFORMATION

| CONNECTOR(NUMBER)   | CONNECTING. WIRING HARNESS             | CONNECTOR POSITION          |
|---------------------|--|-----------------------------|
| C101 (19Pin, White) | Engine Room Fuse Box - W/H Main        | Engine Room Fuse Box        |
| C107 (20Pin, White) | Engine Room Fuse Box - W/H Engine Room | Engine Room Fuse Box        |
| J202                | W/H Main                               | Behind Cluster              |
| G101                | W/H Engine Room                        | Left Fender Next to Battery |
| G103                | W/H Engine Room                        | Right Fender Engine Room    |
| G201                | W/H Main                               | Upper Front Left Leg Room   |

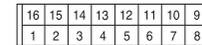
b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



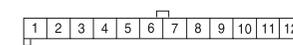
CLUSTER "A"



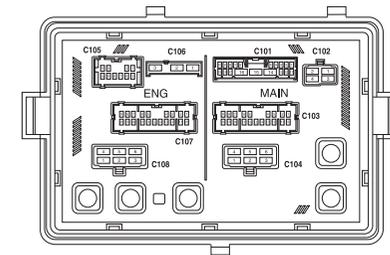
CLUSTER "B"



CLUSTER "C"

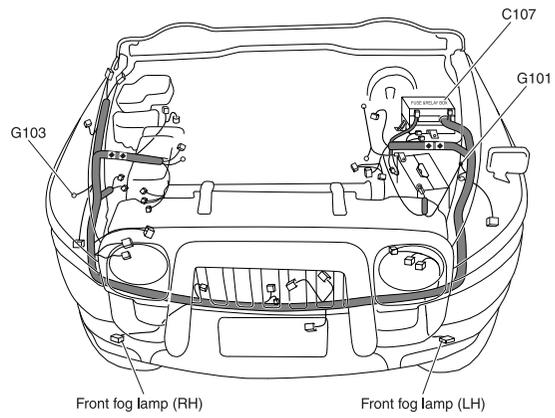


CLUSTER "D"

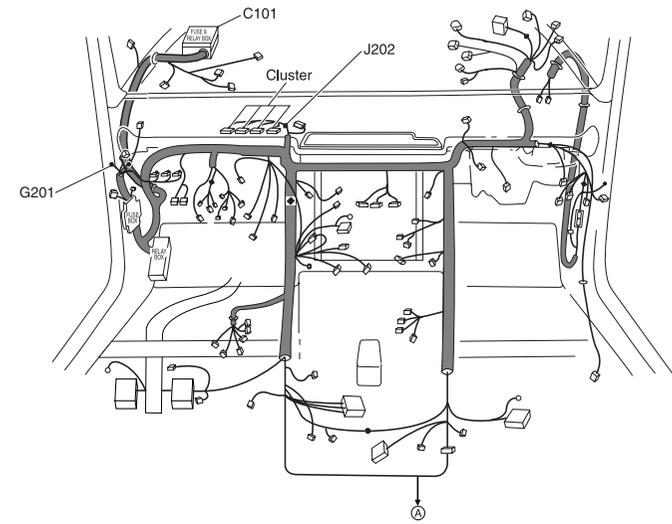


**c. POSITION OF CONNECTORS AND GROUNDS**

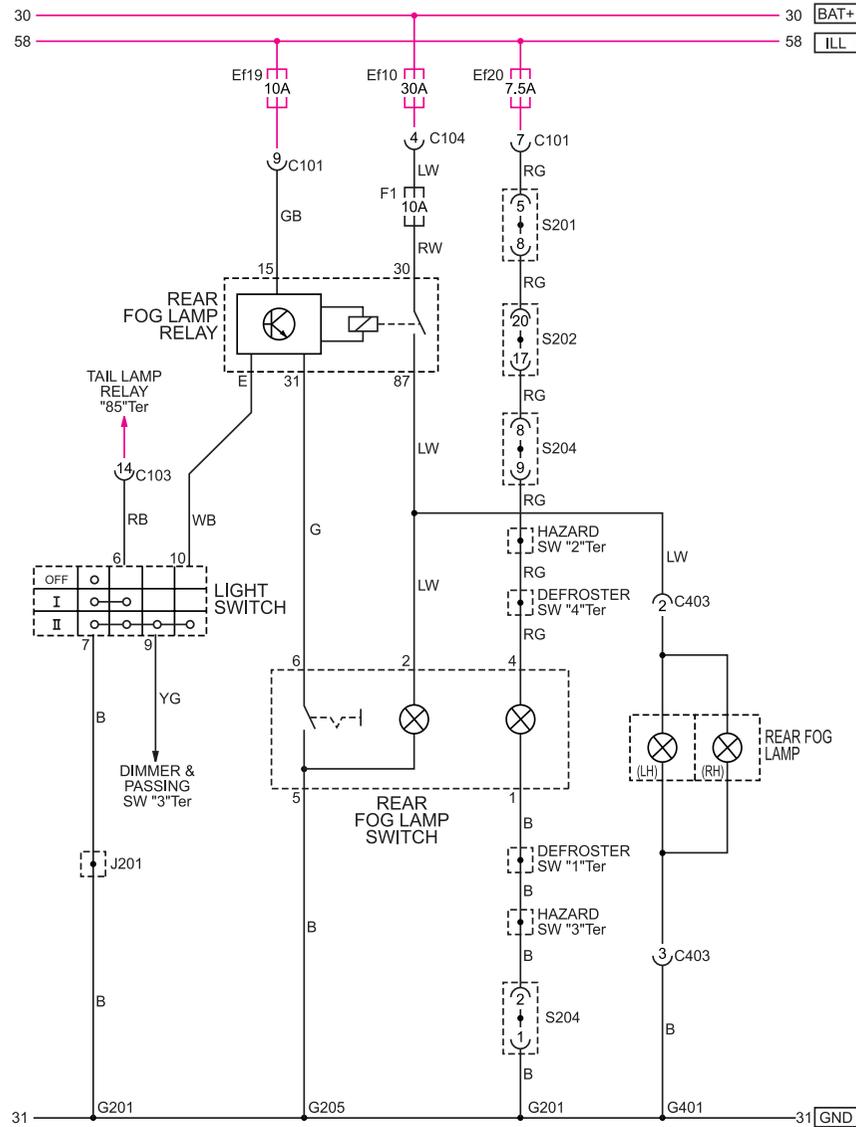
- W/H ENGINE ROOM



- W/H MAIN



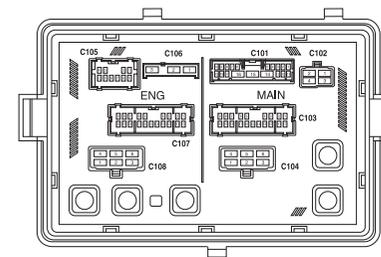
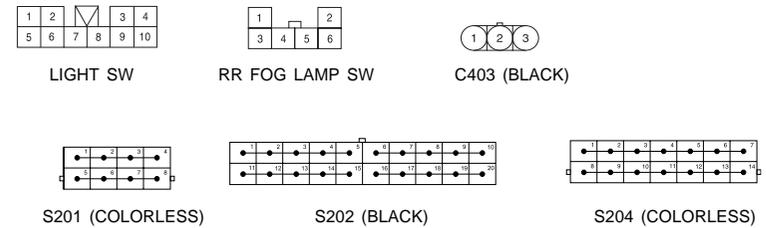
31. REAR FOG LAMP



a. CONNECTOR INFORMATION

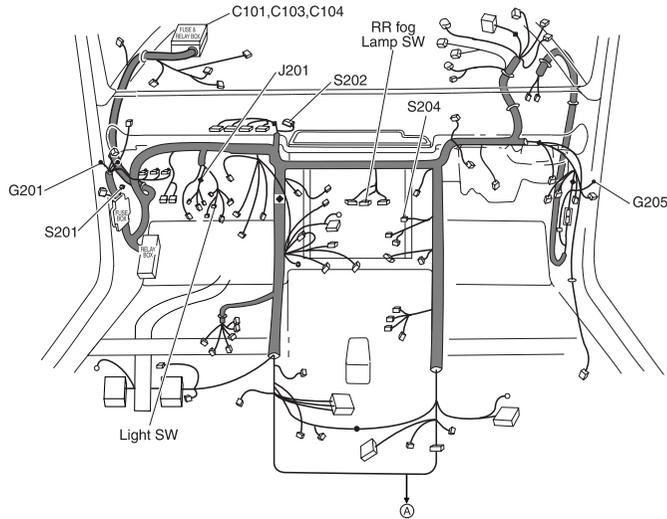
| CONNECTOR(NUMBER)       | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION                  |
|-------------------------|---------------------------------|-------------------------------------|
| C101 (19Pin, White)     | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box                |
| C103 (22Pin, White)     | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box                |
| C104 (8Pin, Colorless)  | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box                |
| C403(3Pin, Black)       | W/H Rear Bumper - W/H Main      | Inside Rear Bumper                  |
| S201 (8Pin, Colorless)  | W/H Main                        | Upper Fuse Box(Passenger Room)      |
| S202 (20Pin, Black)     | W/H Main                        | Behind Cluster                      |
| S204 (14Pin, Colorless) | W/H Main                        | Behind Audio                        |
| J201                    | W/H Main                        | Above FRT LH Seat Under Cover       |
| G201                    | W/H Main                        | Upper Front Left Leg Room           |
| G205                    | W/H Main                        | Center "A" Pillar Front Right       |
| G401                    | W/H Main                        | Inside Lower Trim Rear Left Quarter |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

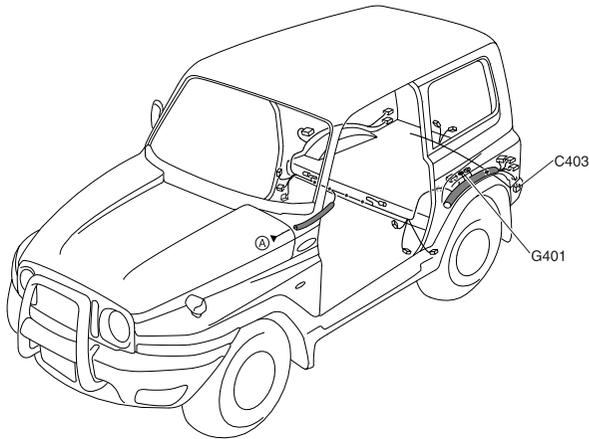


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

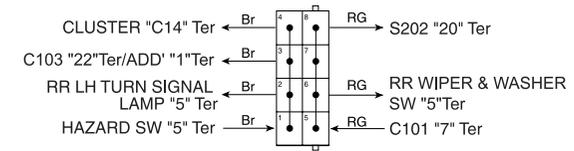


- W/H MAIN (FLOOR)

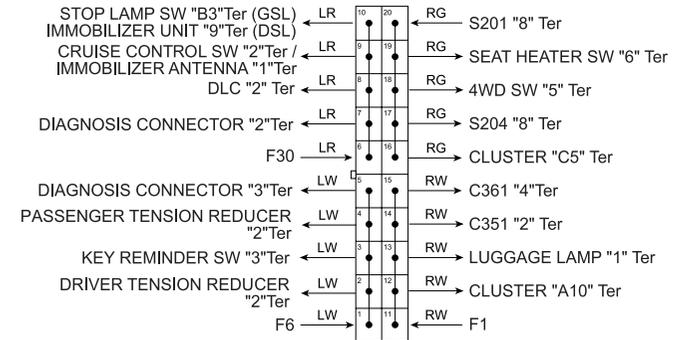


**d. SPLICE PACK**

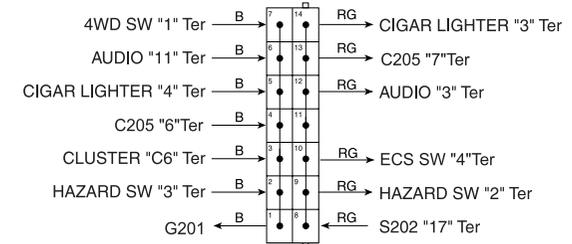
**S201 (COLORLESS)**



**S202 (BLACK)**

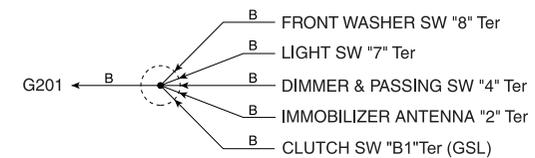


**S204 (COLORLESS)**

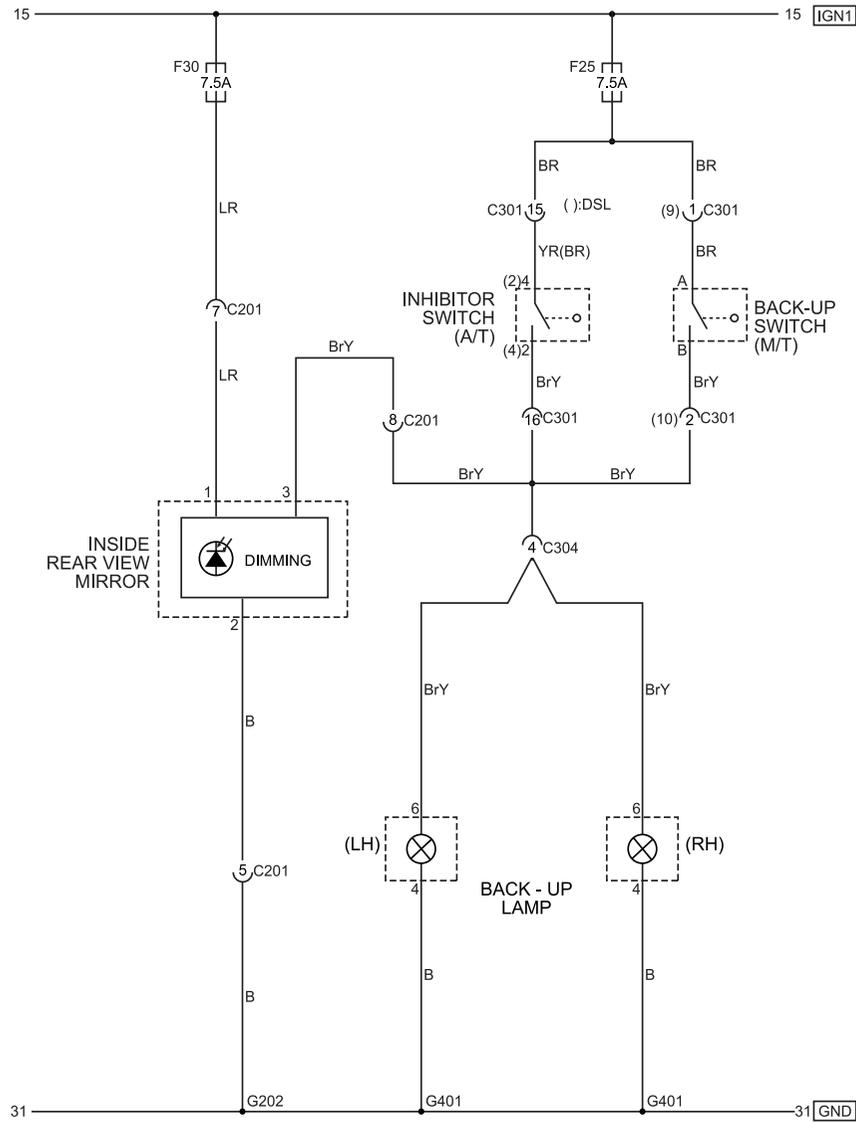


**e. JOINT**

**J201**



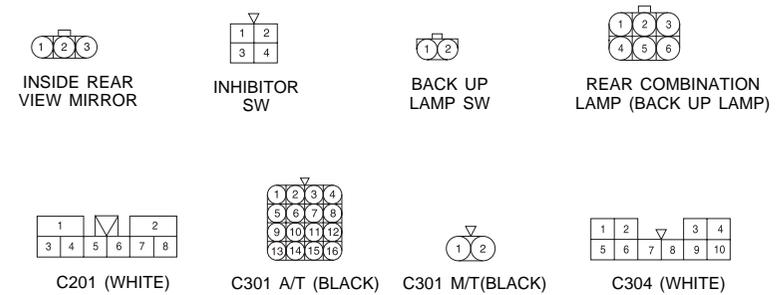
32. INSIDE REAR VIEW MIRROR (DIMMING) & BACK-UP LAMP



a. CONNECTOR INFORMATION

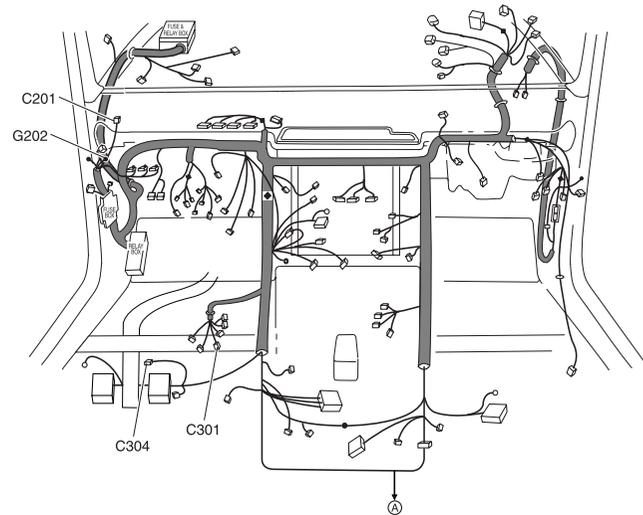
| CONNECTOR(NUMBER) | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION                 |
|-------------------|---------------------------------|------------------------------------|
|                   | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box               |
|                   | W/H Main - W/H Transmission     | Lower "A" Piller (Upper ECM)       |
|                   | W/H Main - W/H Transmission     | Upper Transfer Case                |
|                   | W/H Main - W/H Seat Heater      | Below Driver Seat                  |
|                   | W/H Main                        | Upper Front Left Leg Room          |
|                   | W/H Main                        | Inside Lower Trim Rear Left Quater |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

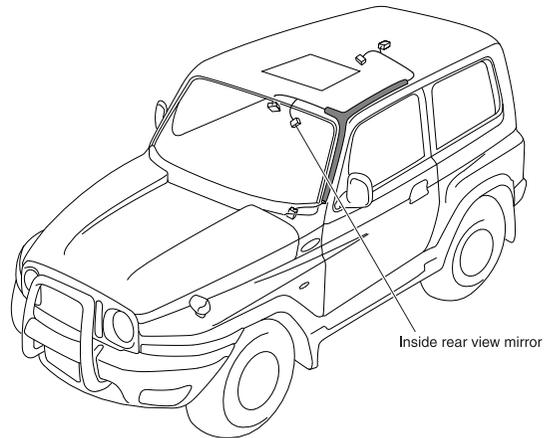


**c. POSITION OF CONNECTORS AND GROUNDS**

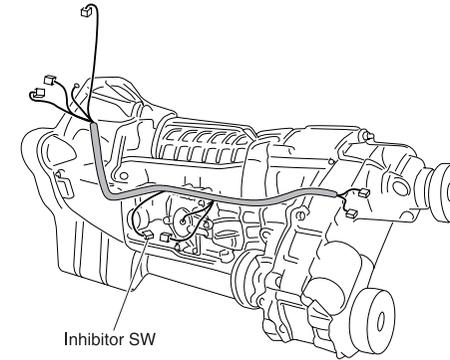
- W/H MAIN



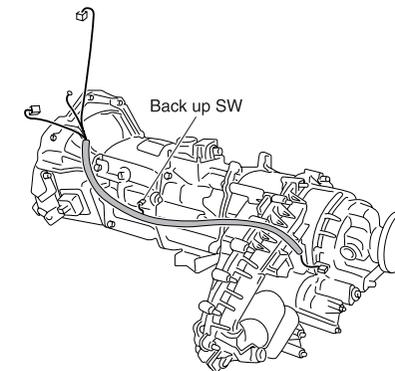
- W/H ROOF



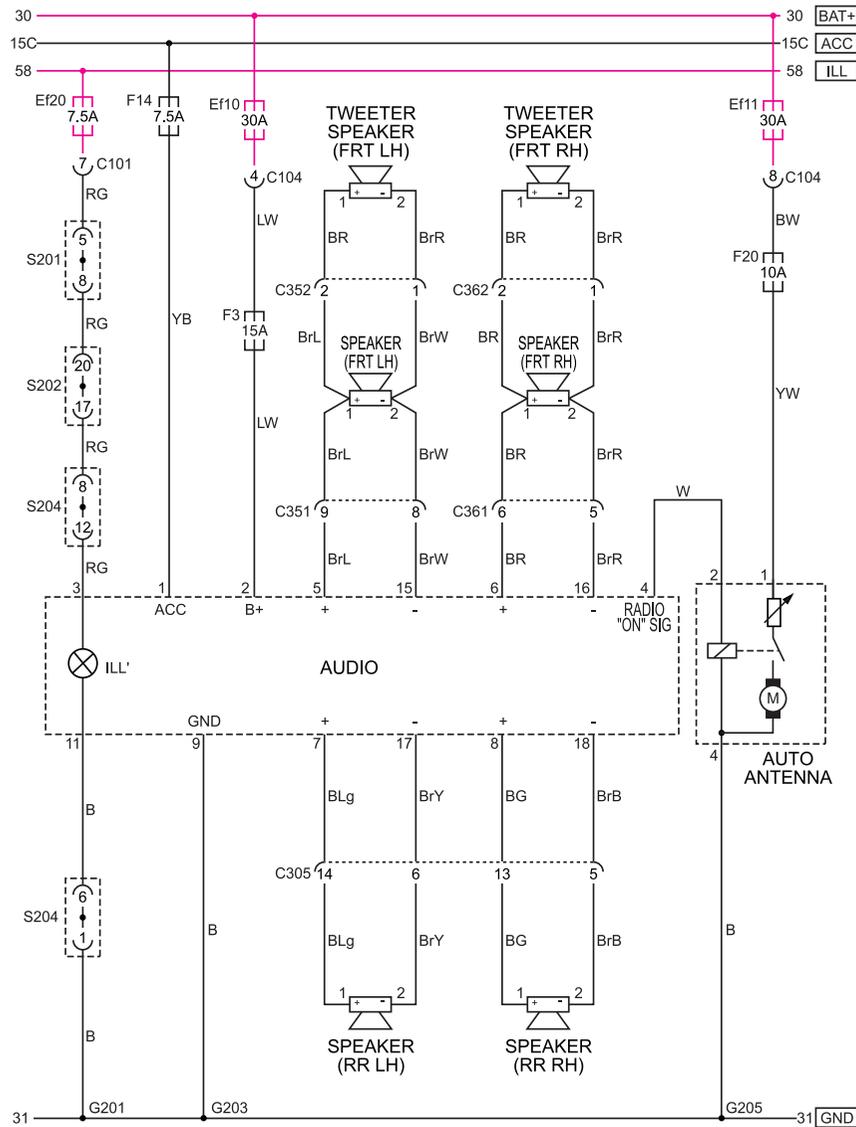
- W/H TRANSMISSION (AUTOMATIC TRANSMISSION)



- W/H TRANSMISSION (MANUAL TRANSMISSION)



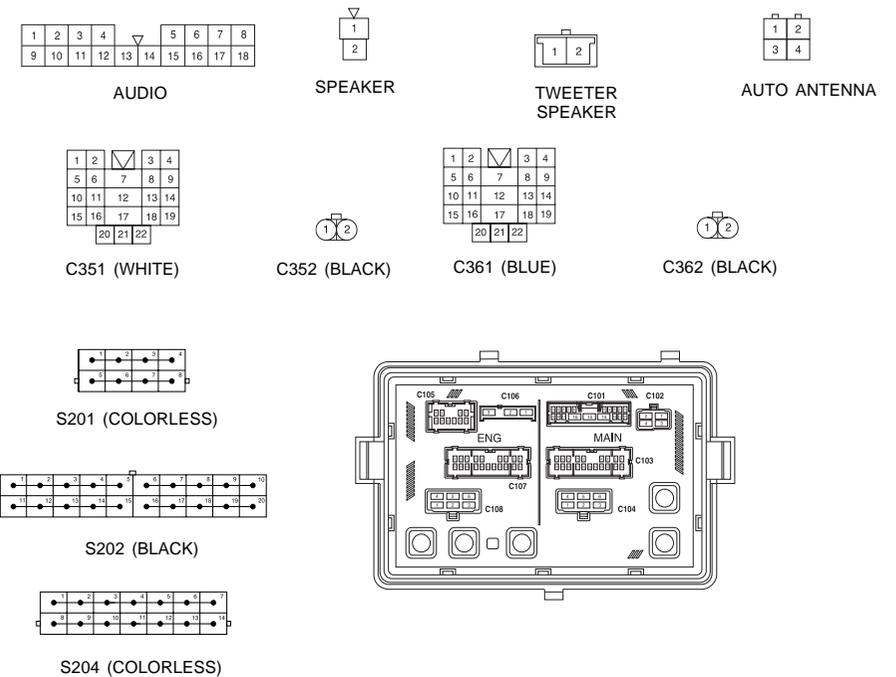
33. AUDIO



a. CONNECTOR INFORMATION

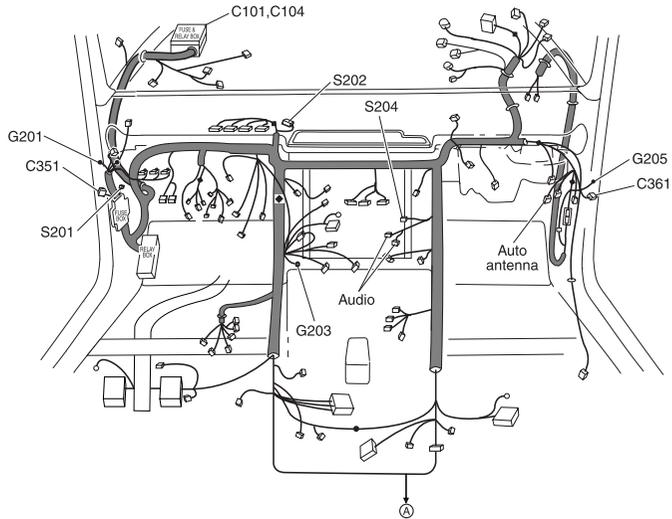
| CONNECTOR(NUMBER)       | CONNECTING. WIRING HARNESS      | CONNECTOR POSITION             |
|-------------------------|---------------------------------|--------------------------------|
| C101 (19Pin, White)     | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box           |
| C104 (8Pin, Colorless)  | Engine Room Fuse Box - W/H Main | Engine Room Fuse Box           |
| C351 (22Pin, White)     | W/H Main - W/H FRT LH Door      | Upper Fuse Box(Passenger Room) |
| C352 (2Pin, Black)      | W/H FRT LH Door - W/H Speaker   | Inside FRT LH Door Trim        |
| C361 (22Pin, Blue)      | W/H Main - W/H FRT RH Door      | Behind Front Right Panel       |
| C362 (2Pin, Black)      | W/H FRT RH Door - W/H Speaker   | Inside FRT RH Door Trim        |
| S201 (8Pin, Colorless)  | W/H Main                        | Upper Fuse Box(Passenger Room) |
| S202 (20Pin, Black)     | W/H Main                        | Behind Cluster                 |
| S204 (14Pin, Colorless) | W/H Main                        | Behind Audio                   |
| G201                    | W/H Main                        | Upper Front Left Leg Room      |
| G203                    | W/H Main                        | Left Upper Center Facia        |
| G205                    | W/H Main                        | Center "A" Pillar Front Right  |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION

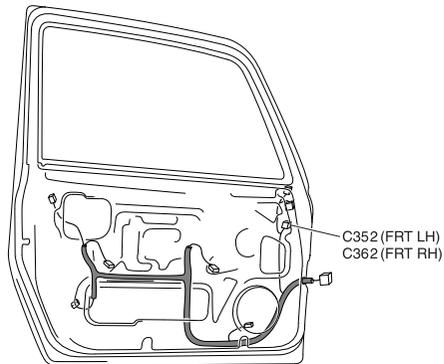


**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN

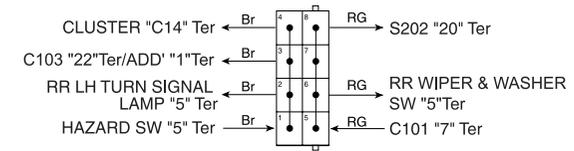


- W/H DOOR

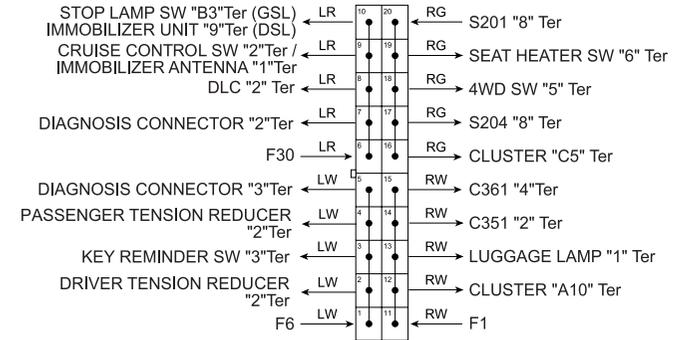


**d. SPLICE PACK**

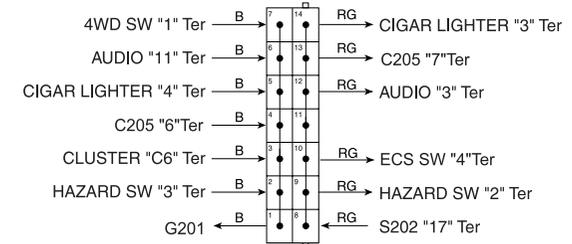
**S201 (COLORLESS)**



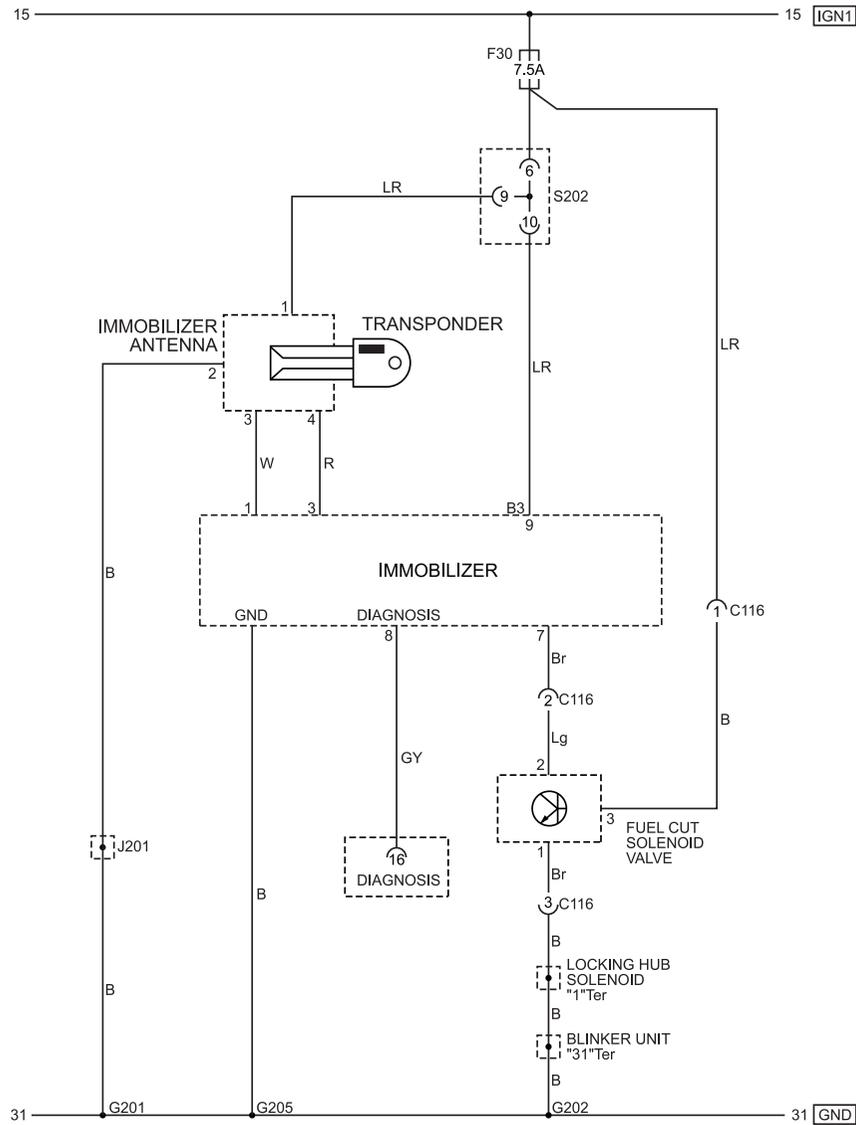
**S202 (BLACK)**



**S204 (COLORLESS)**



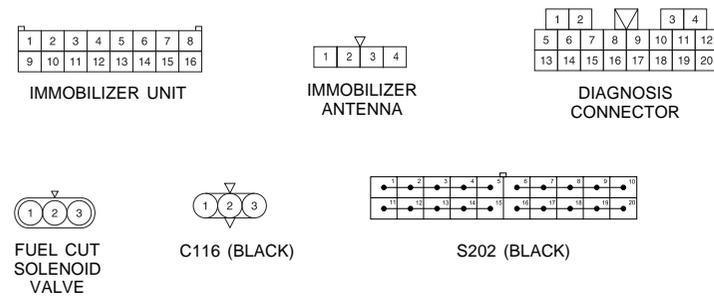
34. IMMOBILIZER SYSTEM (DIESEL : VDO)



a. CONNECTOR INFORMATION

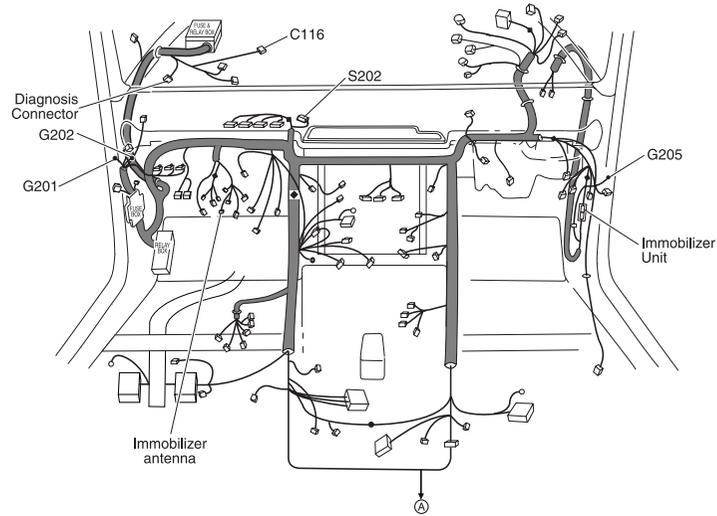
| CONNECTOR(NUMBER)   | CONNECTING. WIRING HARNESS       | CONNECTOR POSITION            |
|---------------------|----------------------------------|-------------------------------|
| C116 (3Pin, Black)  | W/H Main - W/H Fuel Cut Solenoid | Next to Engine Room Fuse Box  |
| S202 (20Pin, Black) | W/H Main                         | Behind Cluster                |
| J201                | W/H Main                         | Behind Cluster                |
| G201                | W/H Main                         | Upper Front Left Leg Room     |
| G202                | W/H Main                         | Upper Front Left Leg Room     |
| G205                | W/H Main                         | Center "A" Pillar Front Right |

b. CONNECTOR IDENTIFICATION SYMBOL & PIN NUMBER POSITION



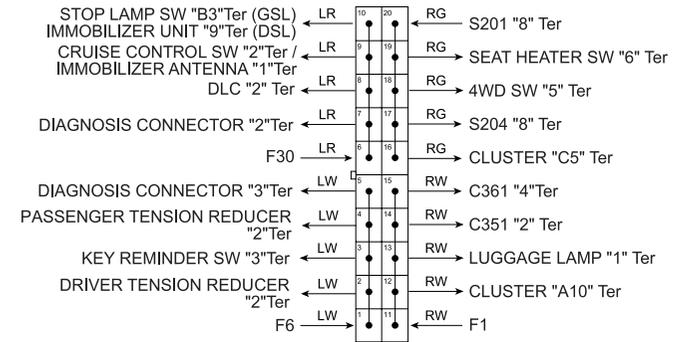
**c. POSITION OF CONNECTORS AND GROUNDS**

- W/H MAIN



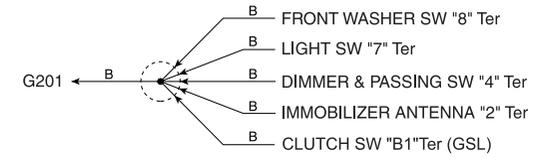
**d. SPLICE PACK**

**S202 (BLACK)**



**e. JOINT**

**J201**



### **EDITION HISTORY**

| No. | CODE NO.                 | PRINTING DATE    | MODEL YEAR  | REMARKS         |
|-----|--------------------------|------------------|-------------|-----------------|
| 1   | KO-EWD1E-8I-300A         | SEPTEMBER. 1998  | MY99        |                 |
| 2   | KO-0EWD2E-0K-200A        | NOVEMBER. 2000   | MY00        |                 |
| 3   | KO-1EWD3E-1F-100A        | JUNE. 2001       | MY01        | EURO III        |
| 4   | <b>KO-1EWD3E-1F-100B</b> | <b>MAY. 2002</b> | <b>MY01</b> | <b>EURO III</b> |

### **KORAND (LHD) ELECTRICAL WIRING DIAGRAM**

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