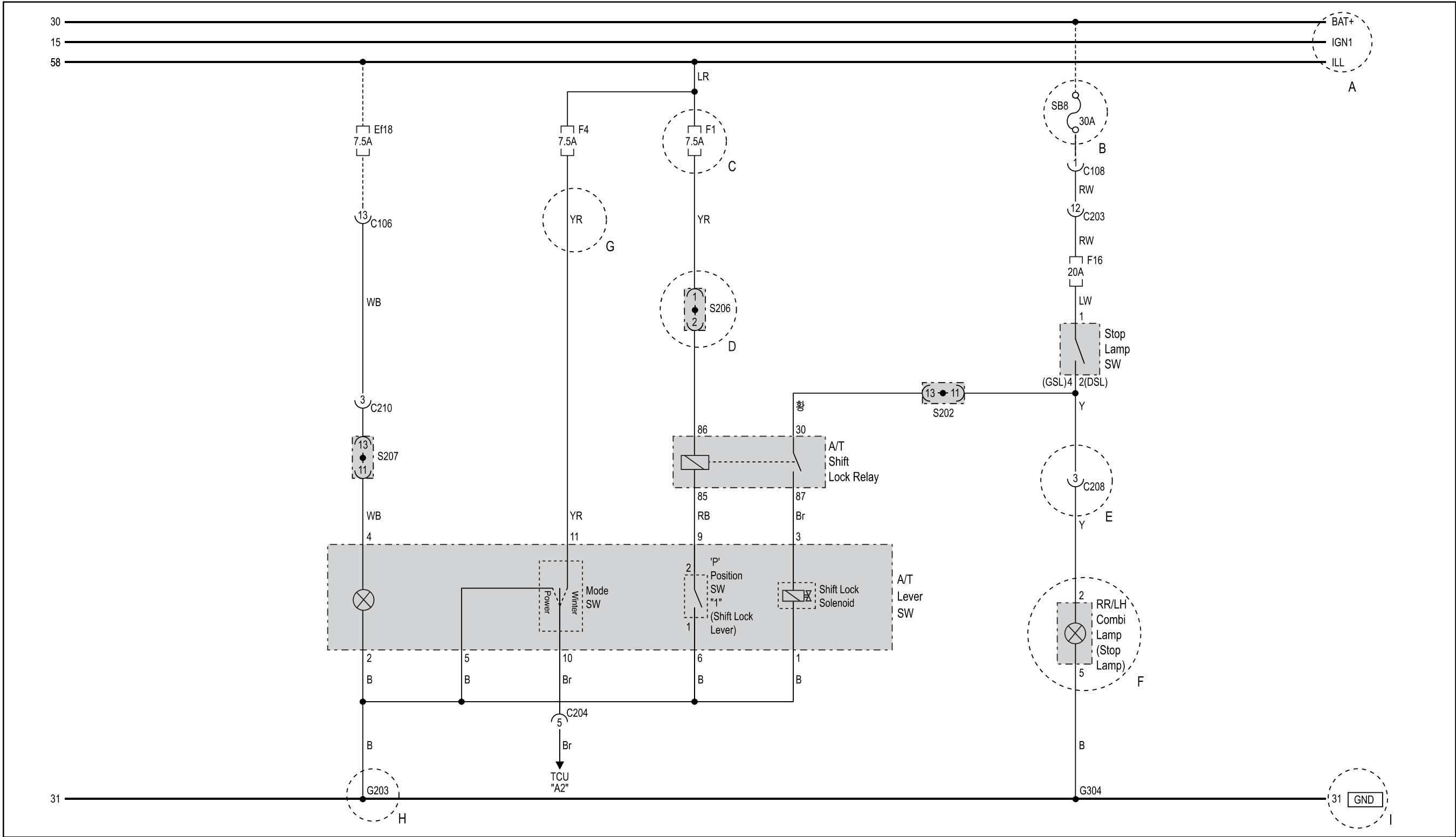


ELECTRIC DEVICE GENERAL INFORMATION

1. HOW TO READ ELECTRICAL WIRING DIAGRAM

1) HOW TO READ ELECTRICAL WIRING DIAGRAM



Modification basis	
Application basis	
Affected VIN	

2) CONTENTS OF ELECTRICAL WIRING DIAGRAM(CIRCUIT)

Position	Emplanation
A	A top of horizontal line means Power supply and it is separated depending on condition of power supply. (For more information, please refer to the Function of power supply No.appendix)
B	This means Blow-slow Fuse No.8 in an Engine Room Fuse-Box and it is Main Fuse which supplies the power to each Fuse.
C	These mean both a Fuse No. and a Fuse location. And Ef 'means an Engine Room Fuse, F means an indoor Fuse. 7.5A means Fuse capacity.
D	"S" means Splice Pack and '206 'means Splice Pack Number.
E	"C" means Connector and '208' means Connector Number.
F	This means inner circuit and it is displayed one-point-center-line.
G	This means wiring color, so at the head of character Y means background color of wiring and the rear character R means middle color of wiring.
H	"G" means Ground and '203 'means Ground Number.
I	Below horizontal line means Ground. -Ground position (G101~G401) -B : Body Ground

3) CIRCUIT IDENTIFICATION SYMBOL

Identification Symbol	Meaning
C	Connector
D	Diode
Ef	Fuse in Engine room Fuse & Relay Box
F	Indoor Fuse Box
G	Ground
S	Splice pack (Junction connector)
SB1 ~ SB10	Slow Blow Fuse (Engine room fuse & relay Box)

4) FUNCTION OF POWER SUPPLY LINE(NUMBER)

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

5) WIRING HARNESS COLOR IDENTIFICATION

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

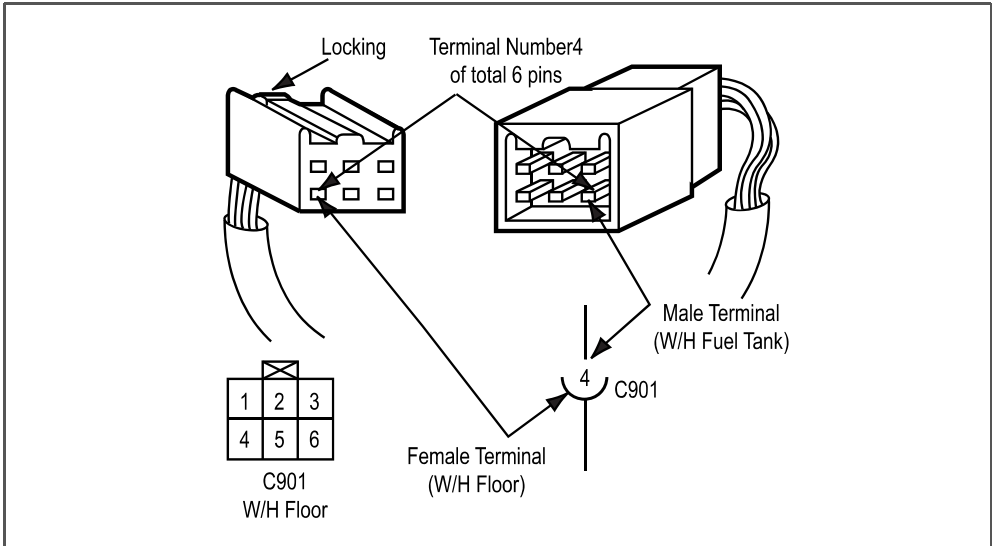
6) ELECTRIC SYMBOLS

Items	Symbols	Items	Symbols
Resistance		Lamp	
Rheostat		Single Bulb	
Coil, Inductance		Double Bulb	
Condenser, Capacitor		Transistor : PNP type	
Ground, Earth		Transistor : NPN type	
Diode		~Meter, ~Gauge	
Zener Diode		Voltmeter	
Photo Diode		Amperemeter	
Light Emitting Diode		Switch	
Battery		Thermistor	
Disconnected Wire		Junction Point	
Fuse		Fusible Link	
Motor		Connector	
Speaker		Horn	

2. HOW TO CHECK TERMINAL NUMBER OF CONNECTOR

► Terminal number is given based on Female Terminal Male Connector

- ex) Terminal Number 4 of C901 connection



► Terminal number of Connector

- Generally, the Connector terminal number is given from left to right direction of Locking upper position through the Female Terminal.
- Exceptionally, Control unit such as Engine ECU, TCU and Instrument Cluster was used a specific number which marked on the draft.
- If a lot of connectors was connected to one parts, the connector was marked as A, B, C in front of terminal number.
- In case of terminal number was carved into connector or each parts, we will use the carved number exceptionally.

Modification basis	
Application basis	
Affected VIN	

3. PART LOCATION ACCORDING TO CONNECTOR NUMBER

► C : Symbol Character for Connector ex) C102

Symbol Character	Description
C	Connector (Connecting part that connects two wiring harness)
D	Diode
G	Ground
S	Splice pack (Joint connector that connects various wiring harness)

► 1 : Connector location Number



► Connector Number according to locating Section

Connector Number	Location
□1□□	Engine Compartment
□2□□	Instrument panel
□3□□	In Door
□4□□	Tail Gate
□9□□	Under Body

- In the locating section, the assignment for part number starts from left bottom and proceeds clockwise.
- In the fuse and relay box or the instrument panel, the part number is assigned from left top to light bottom.

► 02 : Connector Numbering Order

Modification basis	
Application basis	
Affected VIN	