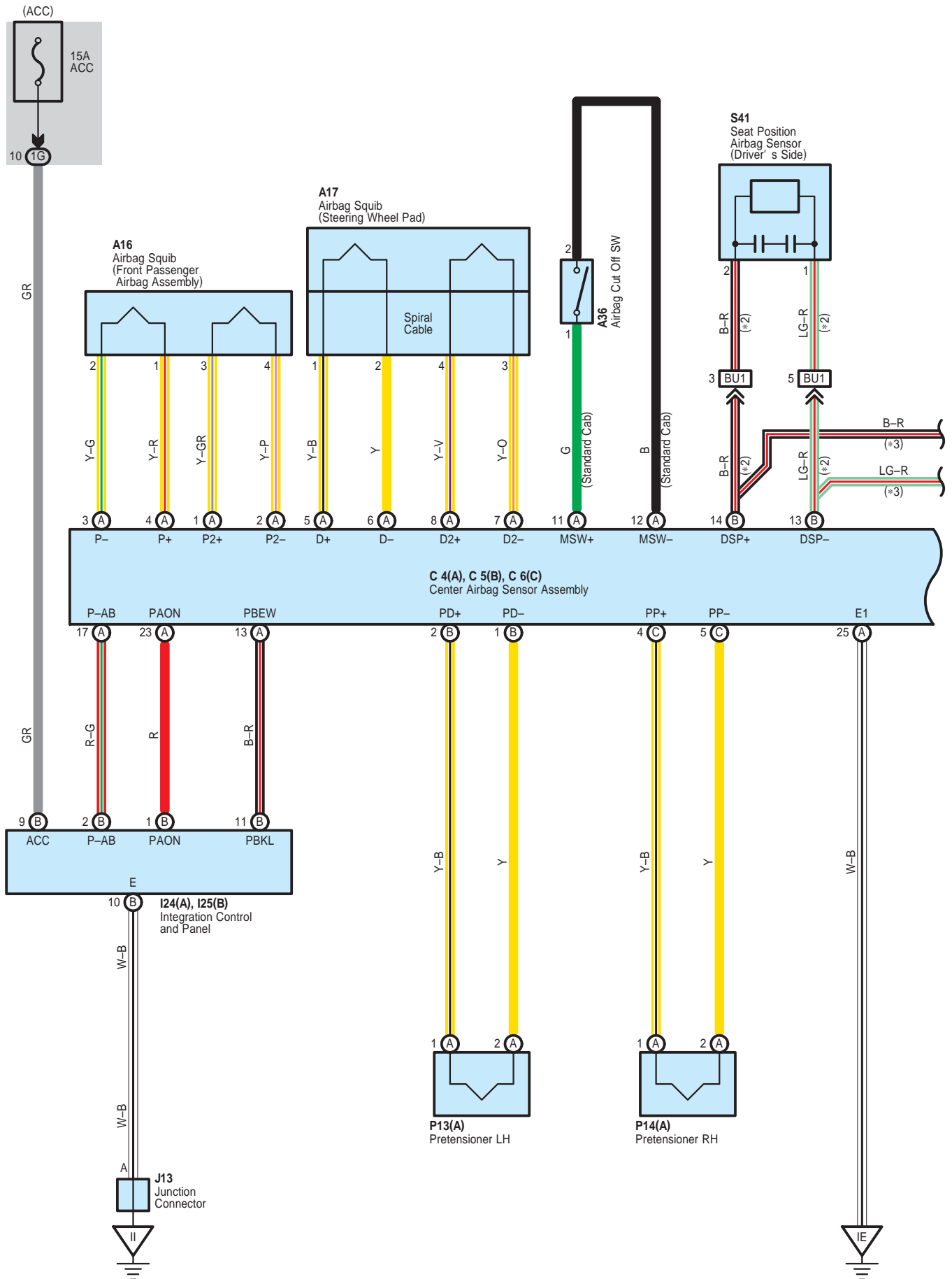


NOTICE: When inspecting or repairing the SRS, perform service in accordance with the following precautionary instructions and the procedure, and precautions in the Repair Manual applicable for the model year.

- Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.
- **Work must be started more than 90 seconds after the ignition SW is turned to the "LOCK" position and the negative (-) terminal cable is disconnected from the battery.**
(The SRS is equipped with a back-up power source so that if work is started within 90 seconds from disconnecting the negative (-) terminal cable of the battery, the SRS may deploy.)
- When the negative (-) terminal cable is disconnected from the battery, the memory of the clock and audio system will be cleared. So before starting work, make a record of the contents in the audio memory system. When work is finished, reset the audio systems as they were before and adjust the clock. Some vehicles have power tilt steering, power telescopic steering, power seat and power outside rear view mirror which are all equipped with memory function. However, it is not possible to make a record of these memory contents. So when the work is finished, it will be necessary to explain it to your customer, and ask the customer to adjust the features and reset the memory. To avoid erasing the memory in each system, never use a back-up power supply from outside the vehicle.
- Before repair, remove the airbag sensor if shocks are likely to be applied to the sensor during repair.
- Do not expose the following parts directly to hot air or flame;
- Even in cases of a minor collision where the SRS does not deploy, the following parts should be inspected;
- Never use SRS parts from another vehicle. When replacing parts, replace with new parts.
- For the purpose of reuse, never disassemble and repair the following parts.
- If the following parts have been dropped, or have cracks, dents and other defects in their case, bracket, and connector, replace with new one.
- Use a volt/ohmmeter with high impedance (10 k Ω /V minimum) for troubleshooting electrical circuits of the system.
- Information labels are attached to the periphery of the SRS components. Follow the instructions of the notice.
- After work on the SRS is completed, check the SRS warning light.
- If the vehicle is equipped with a mobile communication system, refer to the precaution in the IN section of the Repair Manual.

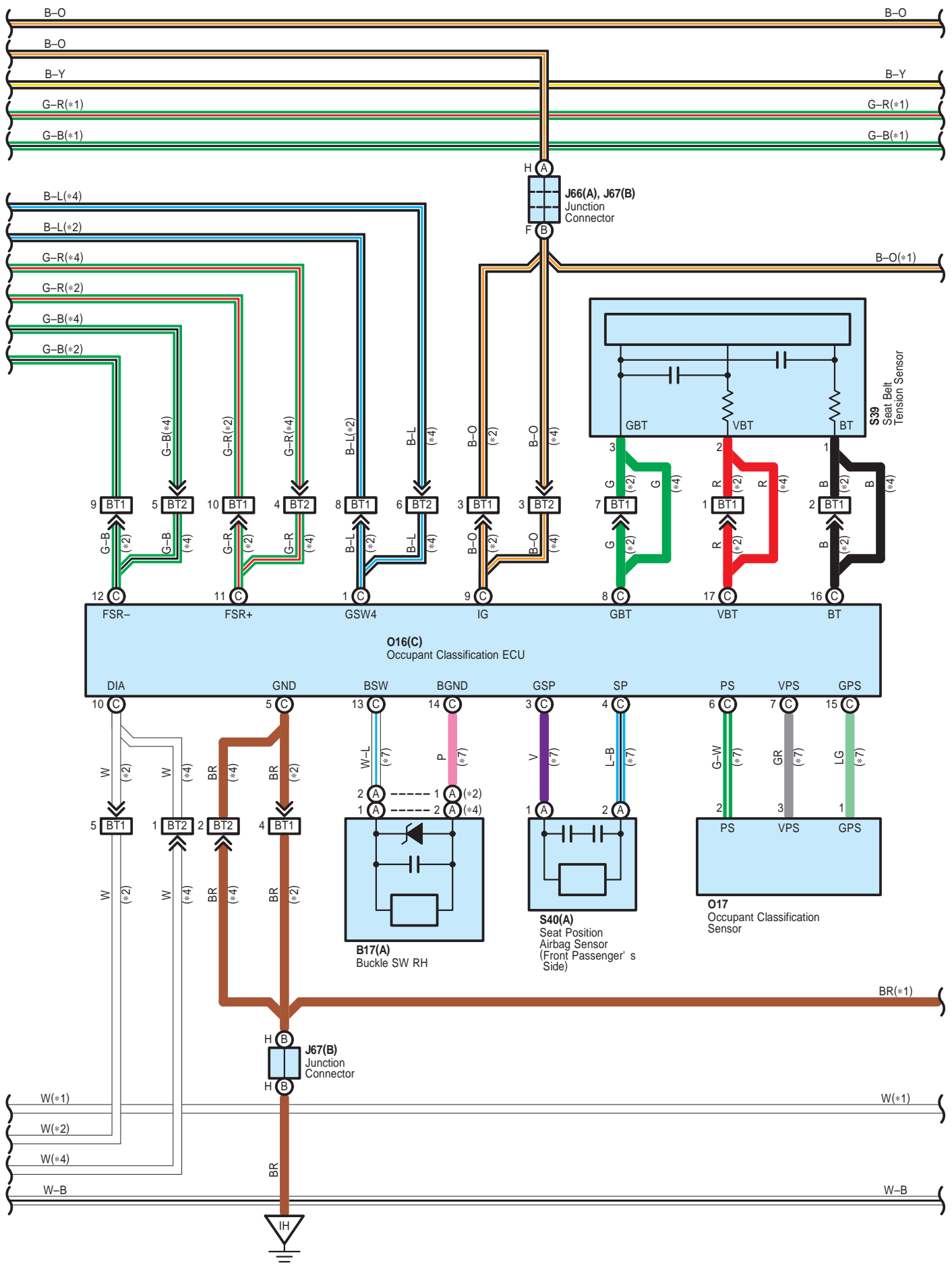
- * Steering wheel pad
- * Front passenger airbag assembly
- * Seat belt pretensioner
- * Center airbag sensor assembly
- * Front airbag sensor assembly

SRS (Access/Standard Cab)

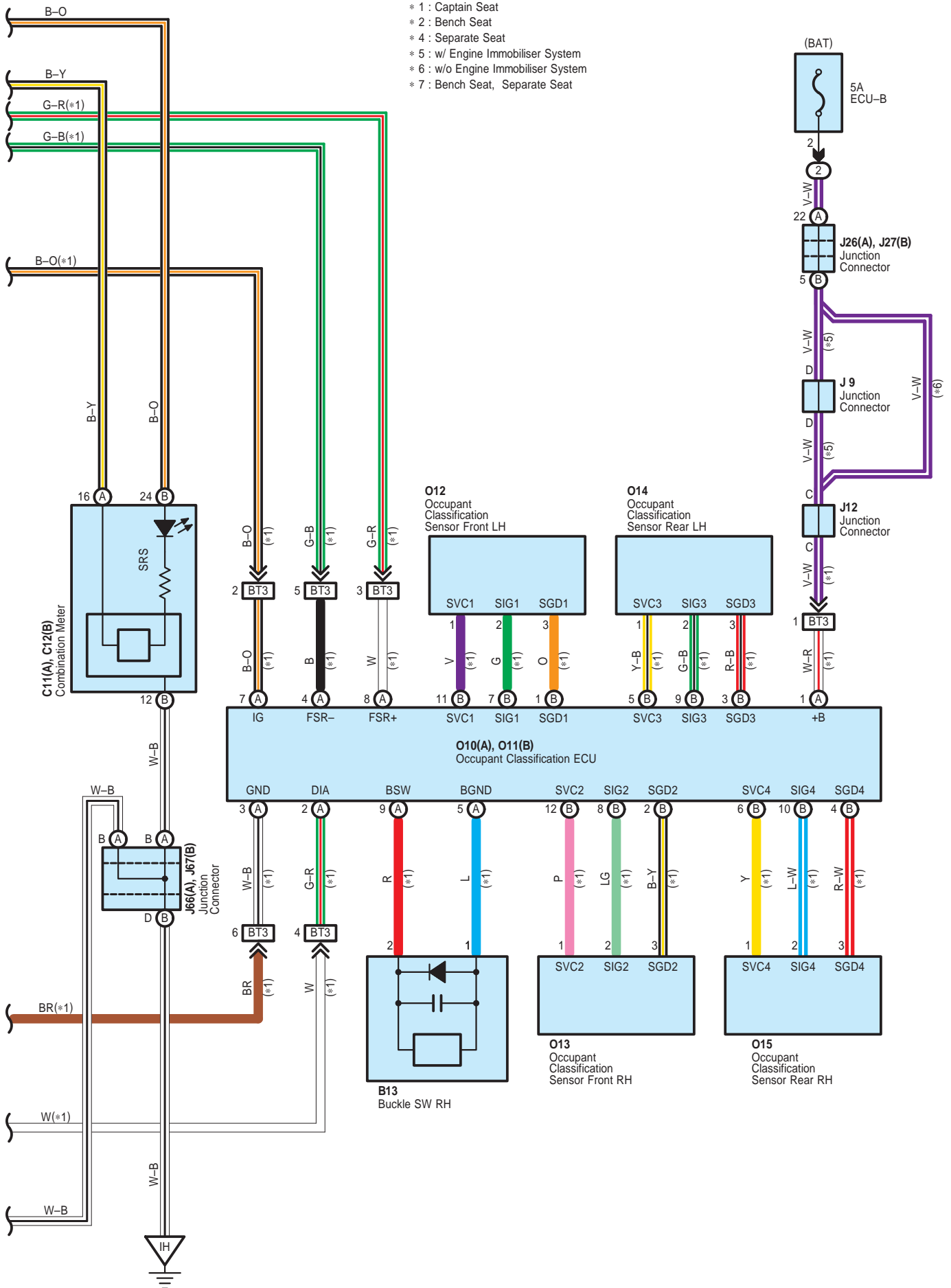


-
- * 1 : Captain Seat**
*** 2 : Bench Seat**
*** 3 : Captain Seat, Separate Seat**
*** 4 : Separate Seat**
- B14(A)**
Buckle SW LH and
Seat Position Airbag Sensor
- B16(B)**
Buckle SW LH
- E 4(B)**
Engine Control Module
- F/PS**
- IJ1**
- C 4(A), C 5(B), C 6(C)**
Center Airbag Sensor Assembly
- A11(A)**
Airbag Sensor
Front LH
- A12(A)**
Airbag Sensor
Front RH
- J 8**
Junction Connector
- J66(A)**
Junction Connector
- J 5**
Junction Connector
- D 6**
Data Link Connector 3
- Wires shown include: B-O, B-Y, G-R(*1), G-B(*1), B-L(*4), B-L(*2), G-R(*4), G-B(*4), G-B(*2), B-R(*3), LG-R(*3), W-L(*3), G-R(*3), W-L(*2), G-R(*2), BU1, IG2, GSW2, GSW3, FSP+, FSP-, DBE-, DBE+, +SL, -SL, +SR, -SR, E2, SIL, TC, LA, P-B, B-Y, W(*1), W(*2), W(*4), W-B.

SRS (Access/Standard Cab)



- * 1 : Captain Seat
- * 2 : Bench Seat
- * 4 : Separate Seat
- * 5 : w/ Engine Immobiliser System
- * 6 : w/o Engine Immobiliser System
- * 7 : Bench Seat, Separate Seat



SRS (Access/Standard Cab)

System Outline

- * The system reaches an ignition judgment to deploy the following device based on the signals received from the front airbag sensor and deceleration sensor.
 - Driver Airbag
 - Front Passenger Airbag
 - Seat Belt Pretensioner
- * The dual-stage SRS airbag system has been used for the driver and front passenger airbags. This system controls the optimal airbag inflation by judging the extent of impact, seat position (driver seat), whether or not the seat belt is fastened (driver seat) and information from the front passenger occupant classification system.
- * The front passenger occupant classification system judges whether the front passenger seat is occupied by an adult or child (with child seat) or is unoccupied, according to the load applied to the front passenger seat and whether the seat belt is buckled. Based on the results, it restricts the deployment of the front passenger airbag, front passenger side airbag, and front passenger seat belt pretensioner. In addition, the system informs the driver of the result of the judgment through the use of the AIRBAG ON/OFF indicator lights.
- * The front passenger occupant classification system judges whether the front passenger seat is occupied by an adult or child (with child seat) or is unoccupied, according to the load applied to the front passenger seat, seat position (passenger), the load applied to the belt tension sensor (passenger), and whether the seat belt is buckled (passenger). Based on the results, it restricts the deployment of the front passenger airbag, front passenger side airbag, and front passenger seat belt pretensioner. In addition, the system informs the driver of the result of the judgment through the use of the AIRBAG ON/OFF indicator lights.
- * The airbag manual ON–OFF switch is used to disable the deployment of the front and side airbags for the front passenger, such as when a child seat is installed on the front passenger seat.
- * The airbag sensor assembly transmits a signal to the engine control module in order to stop the fuel pump when the airbag is deployed.

○ : Parts Location

Code		See Page	Code		See Page	Code		See Page	
A11	A	56 (2UZ–FE)	D6		61	O14		66 (*5)	
		58 (1GR–FE)	E4	B	61	O15		66 (*5)	
A12	A	56 (2UZ–FE)	I24	A	61	O16	C	67 (*6)	
		58 (1GR–FE)	I25	B	61			68 (*7)	
A16		60	J5		62		O17	67 (*6)	
A17		60	J8		62			68 (*7)	
A36		60	J9		62		P13	A	64 (*3)
B13		66 (*5)	J12		62				65 (*4)
B14	A	64 (*3)	J13		62		P14	A	64 (*3)
B16	B	68 (*7)	J26	A	62				65 (*4)
B17	A	67 (*6)	J27	B	62		S39		65 (*4)
		68 (*7)	J66	A	62				67 (*6)
C4	A	60	J67	B	62		S40	A	67 (*6)
C5	B	60	O10	A	66 (*5)				68 (*7)
C6	C	60	O11	B	66 (*5)		S41		68 (*7)
C11	A	60	O12		66 (*5)				
C12	B	60	O13		66 (*5)				

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
2	24	Engine Room R/B (Engine Compartment Left)

- * 1 : w/o Daytime Running Light * 2 : w/ Daytime Running Light * 3 : Access Cab * 4 : Standard Cab * 5 : Access Cab Captain Seat
 * 6 : Access Cab Separate Seat * 7 : Standard Cab Bench Seat

**: Junction Block and Wire Harness Connector**

Code	See Page	Junction Block and Wire Harness (Connector Location)
1F	26 (*1)	Cowl Wire and Driver Side J/B (Lower Finish Panel)
	30 (*2)	
1G	26 (*1)	
	30 (*2)	
1M	26 (*1)	
	30 (*2)	

**: Connector Joining Wire Harness and Wire Harness**

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	82	Engine Room Main Wire and Cowl Wire (Left Kick Panel)
IJ1	83	Cowl Wire and Cowl Wire (Right Side of Instrument Panel)
BT1	88 (*7)	Cowl Wire and Seat No.1 Wire (Under the Front Passenger's Seat)
BT2	87 (*6)	Seat No.1 Wire and Cowl Wire (Under the Front Passenger's Seat)
BT3	86 (*5)	
BU1	88 (*7)	Seat No.1 Wire and Cowl Wire (Under the Driver's Seat)

**: Ground Points**

Code	See Page	Ground Points Location
IE	82	Left Kick Panel
IH	82	Right Kick Panel
II		

* 1 : w/o Daytime Running Light

* 2 : w/ Daytime Running Light

* 3 : Access Cab

* 4 : Standard Cab

* 5 : Access Cab Captain Seat

* 6 : Access Cab Separate Seat

* 7 : Standard Cab Bench Seat