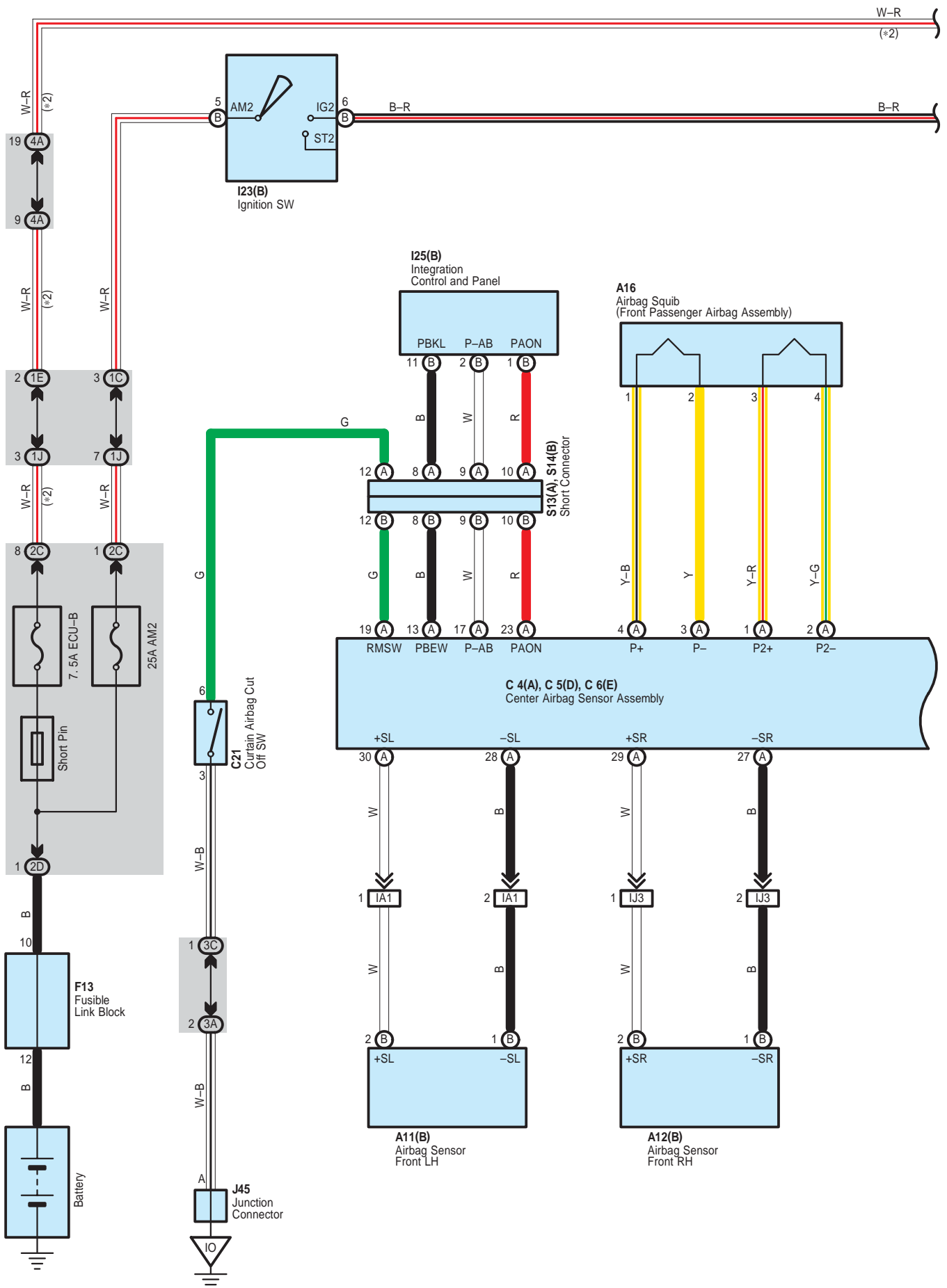


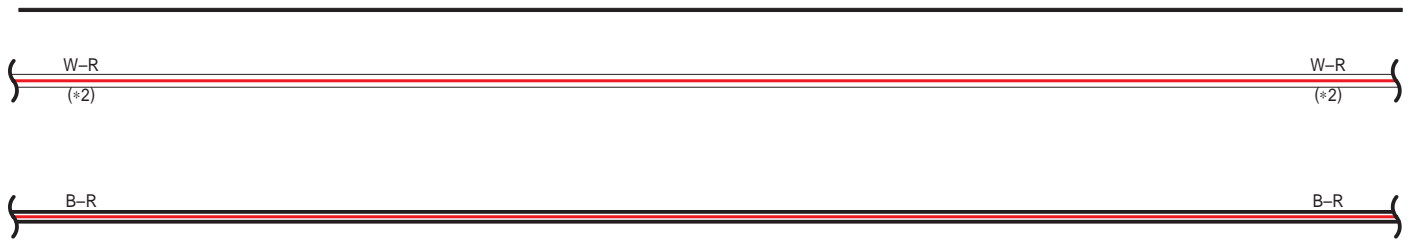
NOTICE: When inspecting or repairing the SRS, perform service in accordance with the following precautionary instructions and the procedure, and precautions in the Repair Manual applicable for the model year.

- 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.

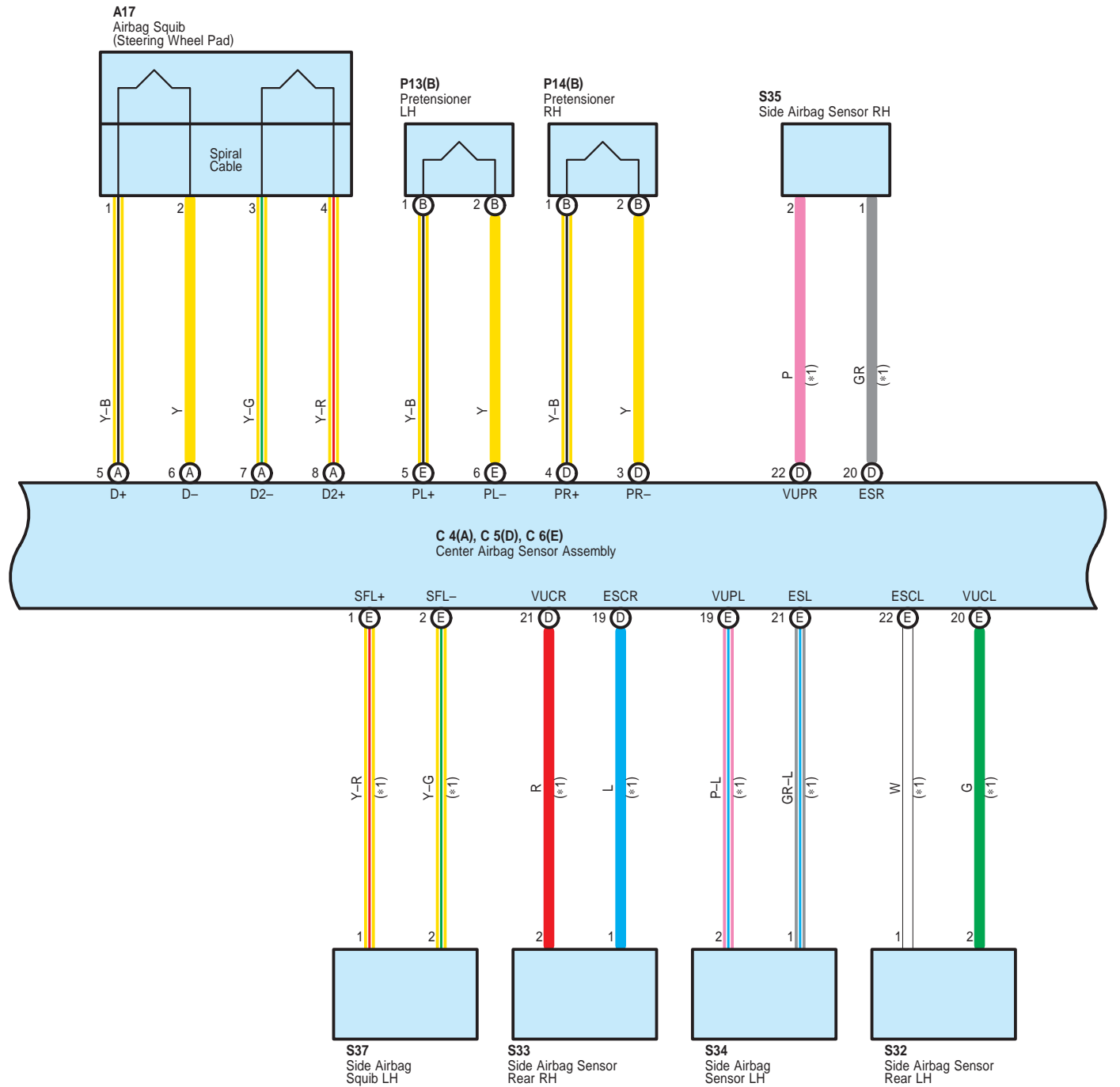
- * Steering wheel pad
- * Front passenger airbag assembly
- * Side airbag assembly
- * Curtain shield airbag assembly
- * Seat belt pretensioner
- * Center airbag sensor assembly
- * Front airbag sensor assembly
- * Side airbag sensor assembly
- * Rear airbag sensor assembly

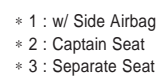
SRS (Double Cab)



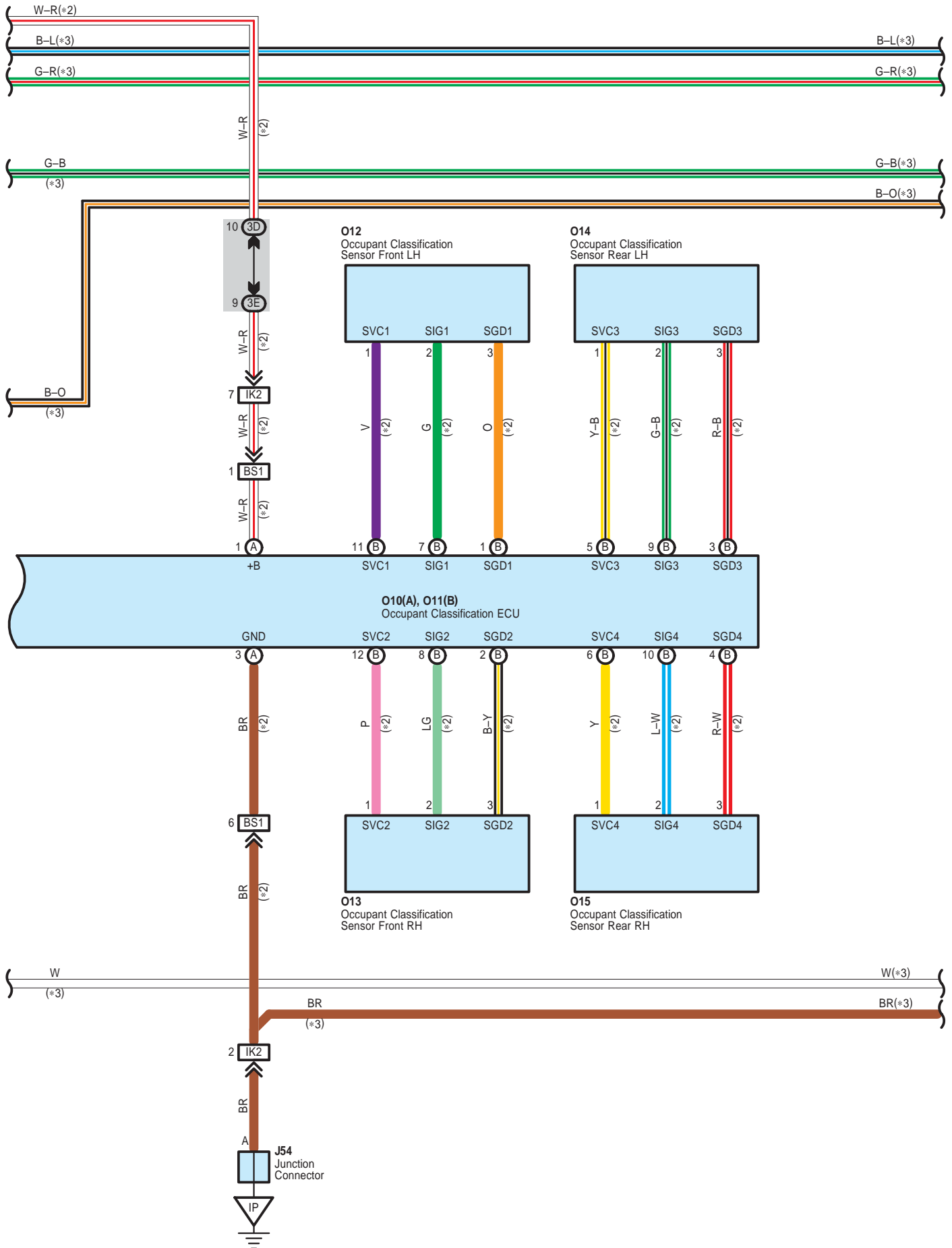


* 1 : w/ Side Airbag
* 2 : Captain Seat

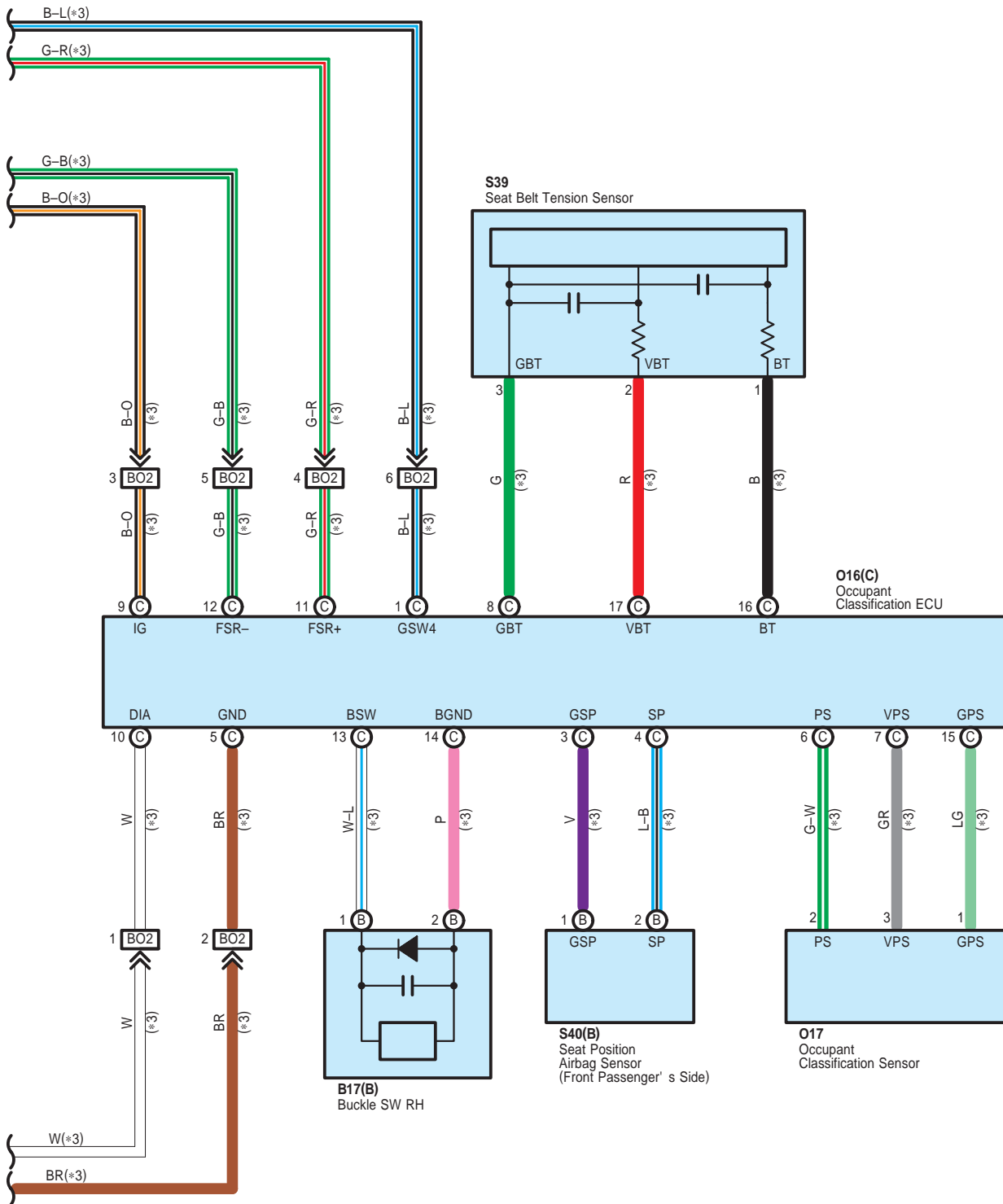




SRS (Double Cab)



* 2 : Captain Seat
* 3 : Separate Seat



SRS (Double 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 system reaches an ignition judgment to deploy the following device based on the signals received from the side airbag sensors.
 - Side Airbags
 - Curtain Shield Airbags
- * 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.
- * A Roll Sensing Curtain Shield Airbag system has been adopted in order to deploy the curtain shield airbags and the pretensioners, in the event that the vehicle rolls over.
- * A Roll Sensing Curtain Shield Airbag cutoff SW is provided near the driver side to enable the driver to disable this system.
- * 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	B	70	C23		76	O17		79 (*2)
A12	B	70	D6		73	P13	B	77
A16		72	E4	B	73	P14	B	77
A17		72	F13		70	S13	A	75
B13	A	78 (*1)	I23	B	73	S14	B	75
B14	A	76	I25	B	73	S32		77
		78 (*1)	J45		74	S33		77
B17	B	79 (*2)	J54		74	S34		77
C4	A	72	O10	A	78 (*1)	S35		77
C5	D	72	O11	B	78 (*1)	S37		77
C6	E	72	O12		78 (*1)			78 (*1)
C11	A	72	O13		78 (*1)	S38		78 (*1)
C12	B	72	O14		78 (*1)			79 (*2)
C21		72	O15		78 (*1)	S39		79 (*2)
C22		76	O16	C	79 (*2)	S40	B	79 (*2)

* 1 : Captain Seat * 2 : Separate Seat

**: Junction Block and Wire Harness Connector**

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	49	Cowl Wire and Driver Side J/B (Lower Finish Panel)
1C		
1D		
1E		
1F		
1G		
1H		
1J	49	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
2C	45	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2D		
3A	52	Cowl Wire and Sub J/B No.3 (Upper the Accelerator Pedal)
3B		
3C		
3D		
3E		
4A	54	Cowl Wire and Sub J/B No.4 (Upper the Accelerator Pedal)

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

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	92	Engine Room Main Wire and Cowl Wire (Left Kick Panel)
IJ3	93	Engine Room Main Wire and Cowl Wire (Cowl Side Panel RH)
IK2	93	Floor Wire and Cowl Wire (Right Kick Panel)
BO2	97 (*2)	Seat No.1 Wire and Floor Wire (Under the Front Passenger's Seat)
BS1	96 (*1)	

**: Ground Points**

Code	See Page	Ground Points Location
IN	92	Right Kick Panel
IO	92	Left Kick Panel
IP	92	Instrument Panel Brace LH

* 1 : Captain Seat * 2 : Separate Seat