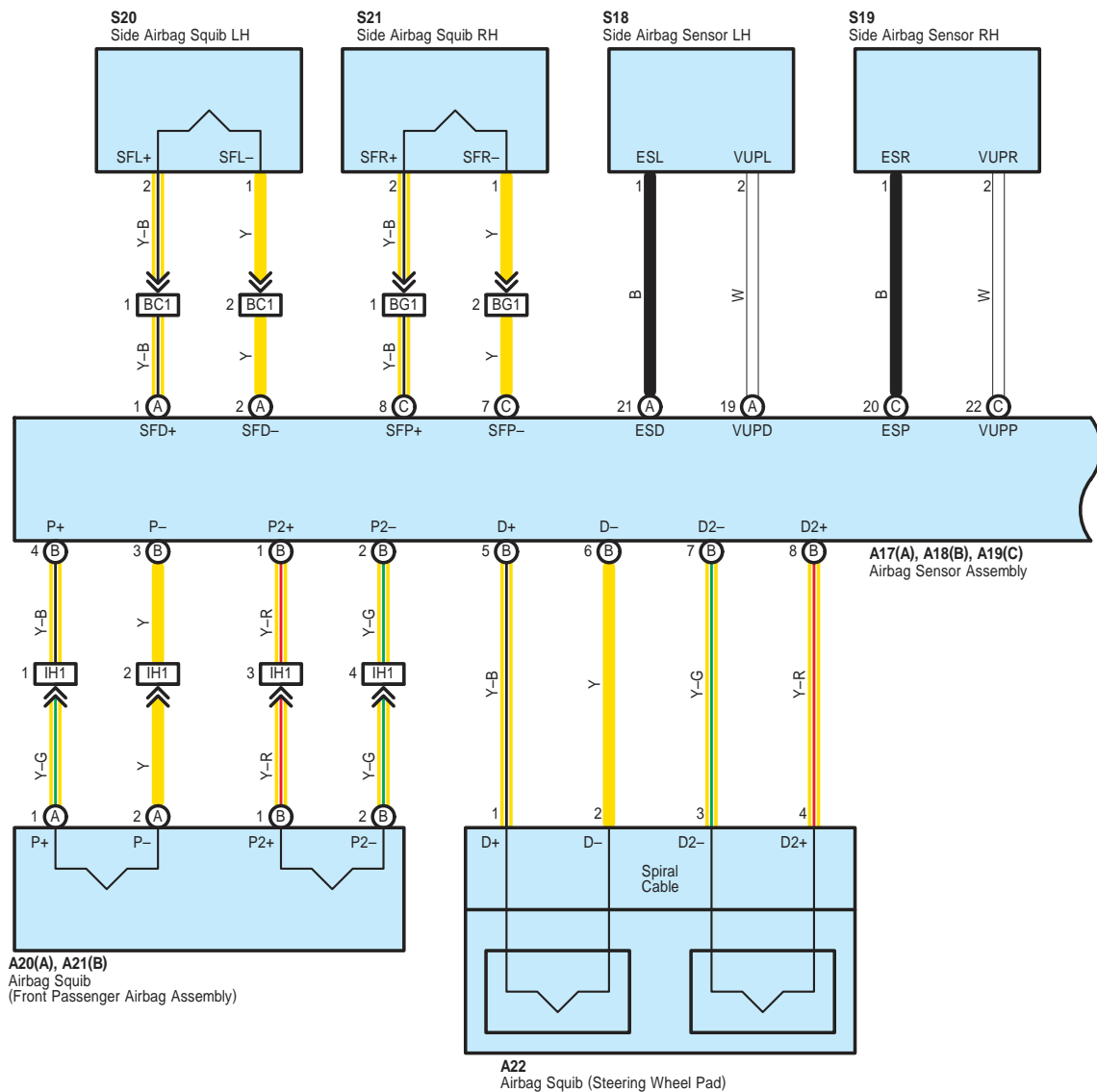
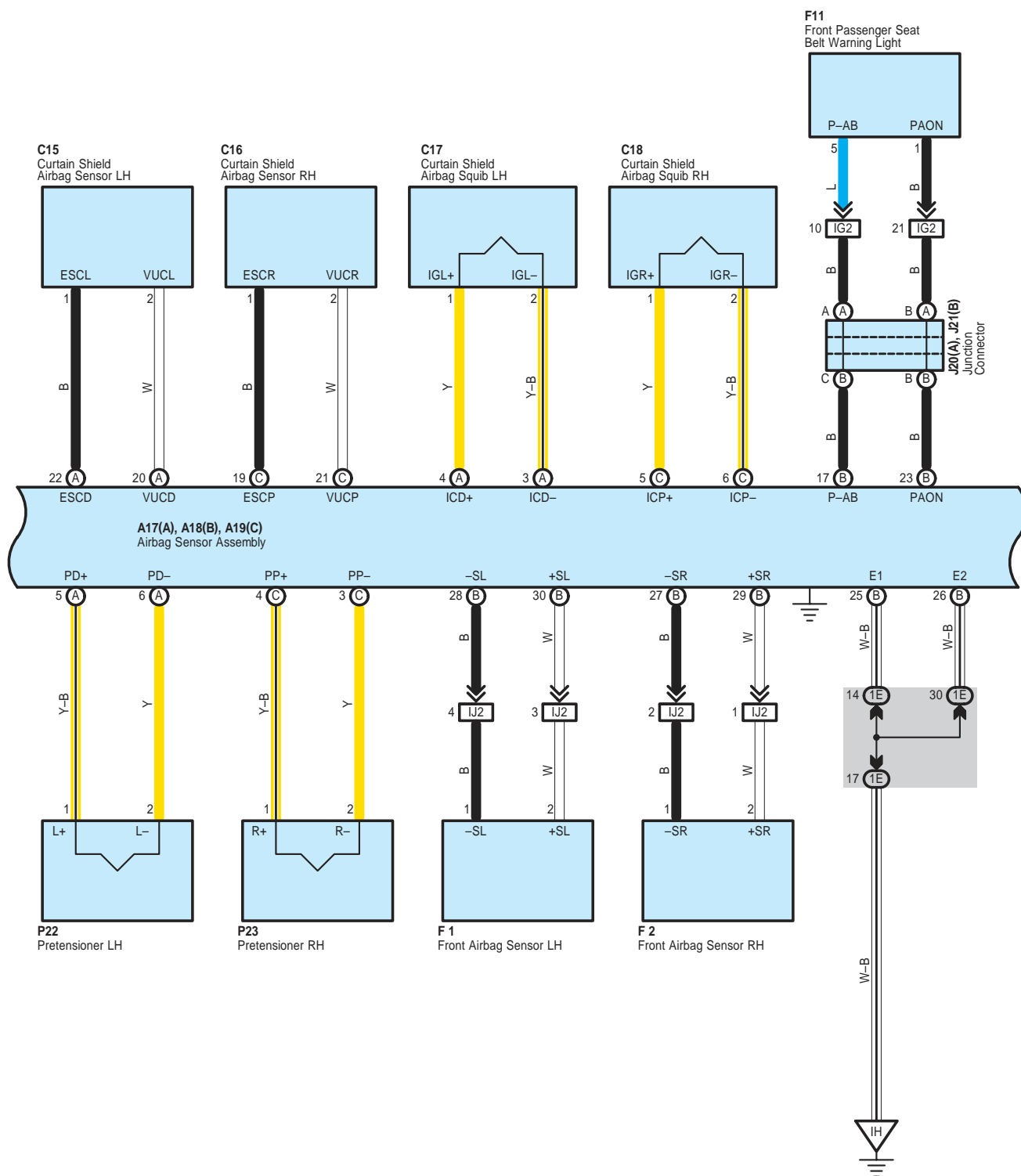


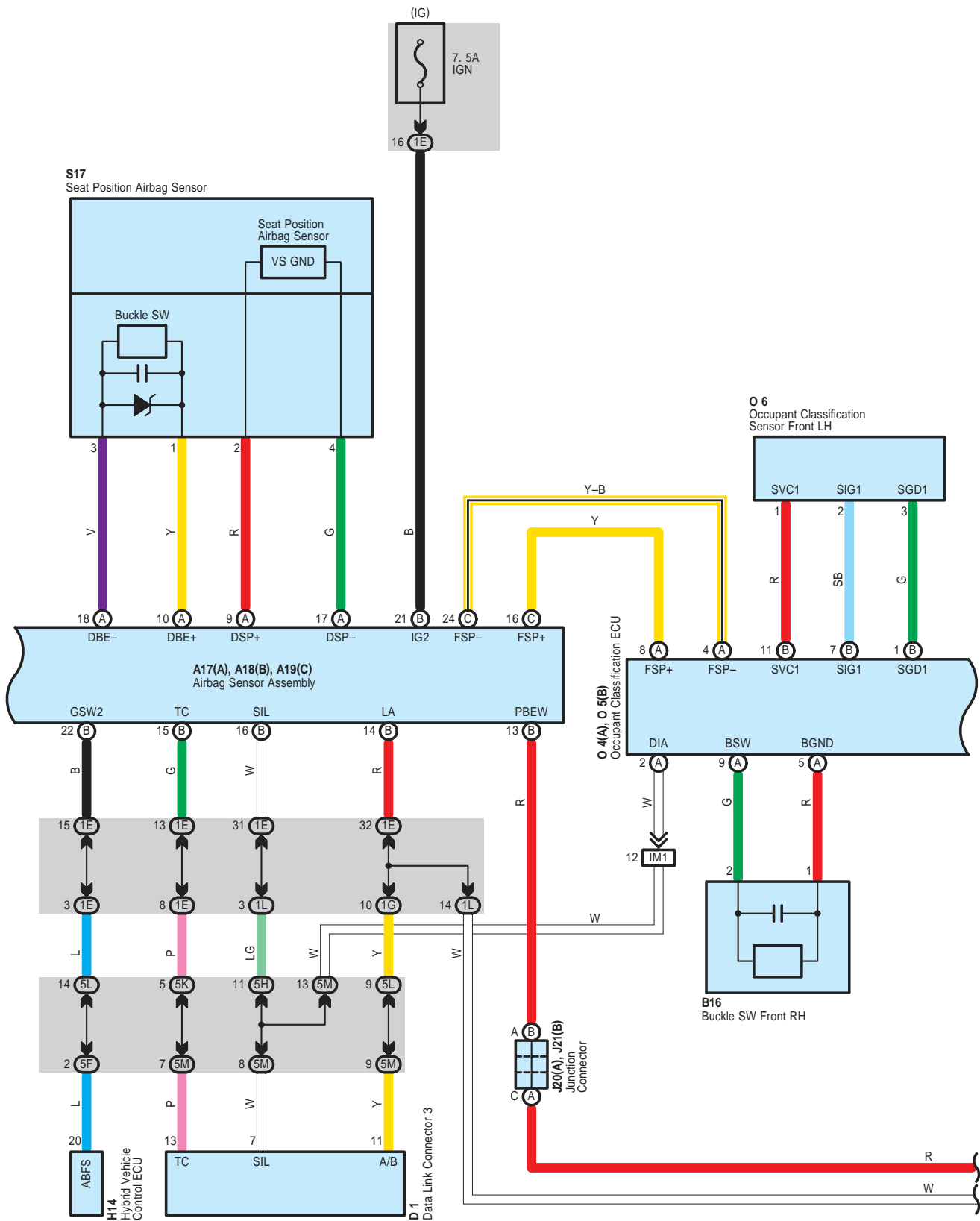
NOTICE: When inspecting or repairing the SRS, perform service in accordance with the following precautionary instructions and the procedure, and precautions in the Repair Manual applicable for the model year.

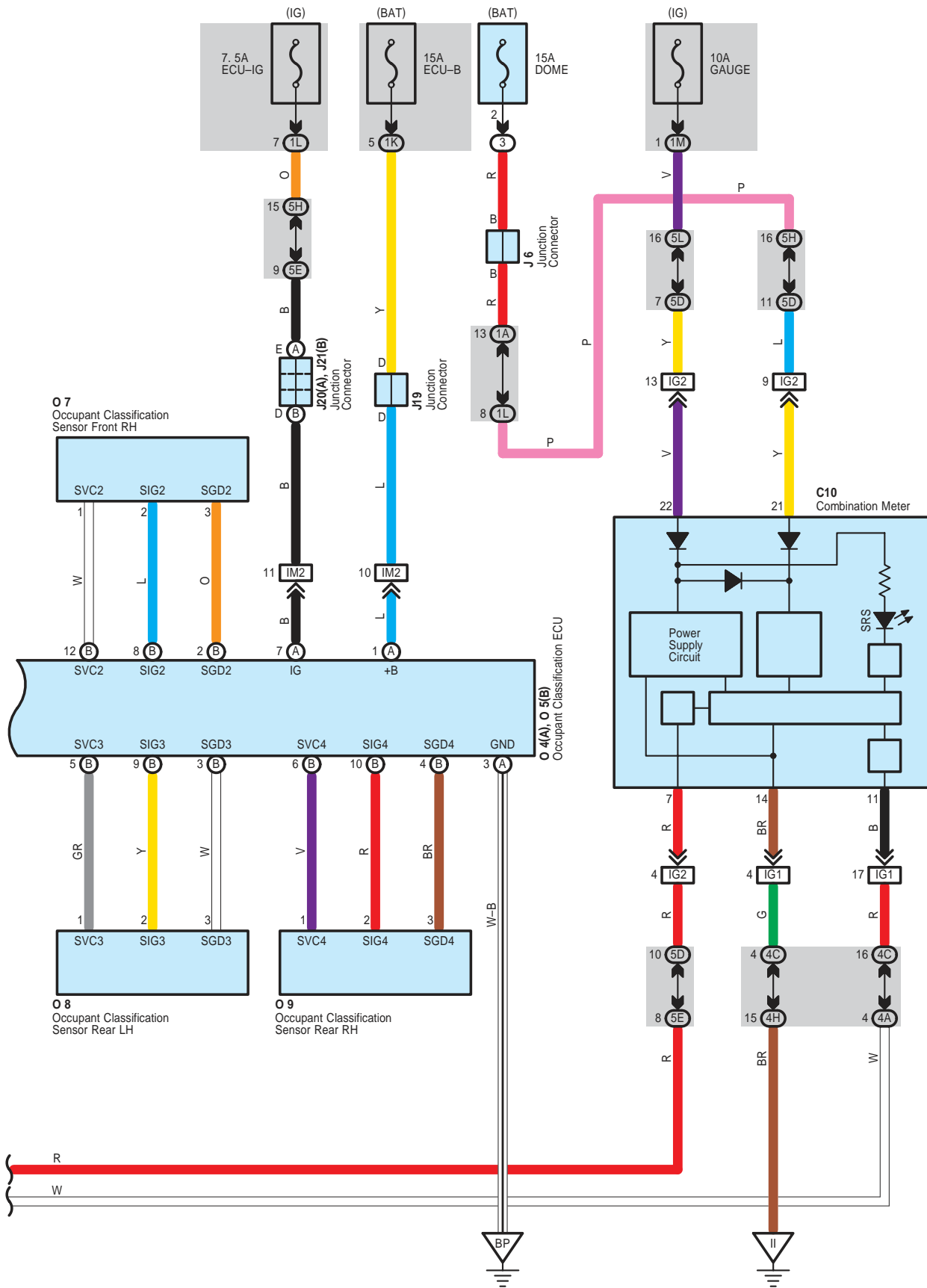
- Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.
- **Work must be started more than 90 seconds after the power SW is pushed to the "OFF" 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 $\Omega$ /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









## 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 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
A17	A	48	D1		49	O7	54
A18	B	48	F1		46	O8	54
A19	C	48	F2		46	O9	54
A20	A	48	F11		49	P22	54
A21	B	48	H14		49	P23	54
A22		48	J6		50	S17	55
B16		52	J19		50	S18	55
C10		49	J20	A	50	S19	55
C15		52	J21	B	50	S20	55
C16		52	O4	A	54	S21	55
C17		52	O5	B	54		
C18		52	O6		54		

## ○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	22	Engine Room R/B (Engine Compartment Left)

**: Junction Block and Wire Harness Connector**

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	30	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	30	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1F		
1G		
1K		
1L	31	
1M		
4A	38	Instrument Panel Wire and Center Connector No.1 (Behind the Combination Meter)
4C		
4H		
5D	42	Instrument Panel Wire and Center Connector No.2 (Instrument Panel Brace RH)
5E		
5F		
5H		
5K		
5L		
5M		

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

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IG1	59	Instrument Panel Wire and Instrument Panel No.2 Wire (Behind the Combination Meter)
IG2		
IH1	59	Instrument Panel Wire and Instrument Panel No.1 Wire (Behind the Glove Box)
IJ2	59	Engine Room Main Wire and Instrument Panel Wire (Behind the Glove Box)
IM1	59	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)
IM2		
BC1	60	Floor Wire and Seat Airbag No.1 Wire (Under the Driver's Seat)
BG1	60	Floor No.2 Wire and Seat Airbag No.2 Wire (Under the Front Passenger's Seat)

**: Ground Points**

Code	See Page	Ground Points Location
IH	58	Cowl Side Panel LH
II	58	Instrument Panel Brace LH
BP	60	Front Side of Right Quarter Panel

This document was created with Win2PDF available at <http://www.win2pdf.com>.  
The unregistered version of Win2PDF is for evaluation or non-commercial use only.  
This page will not be added after purchasing Win2PDF.