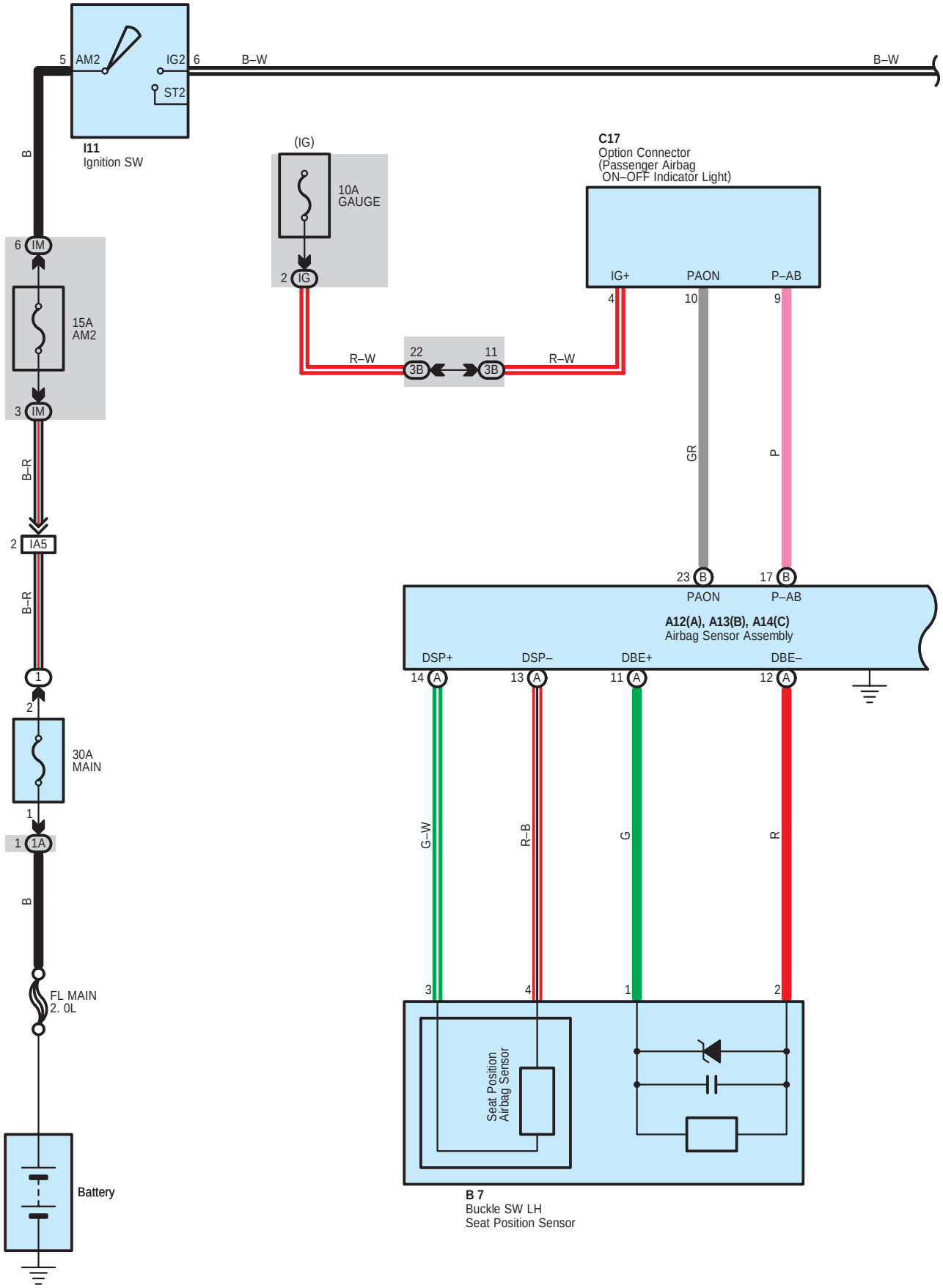
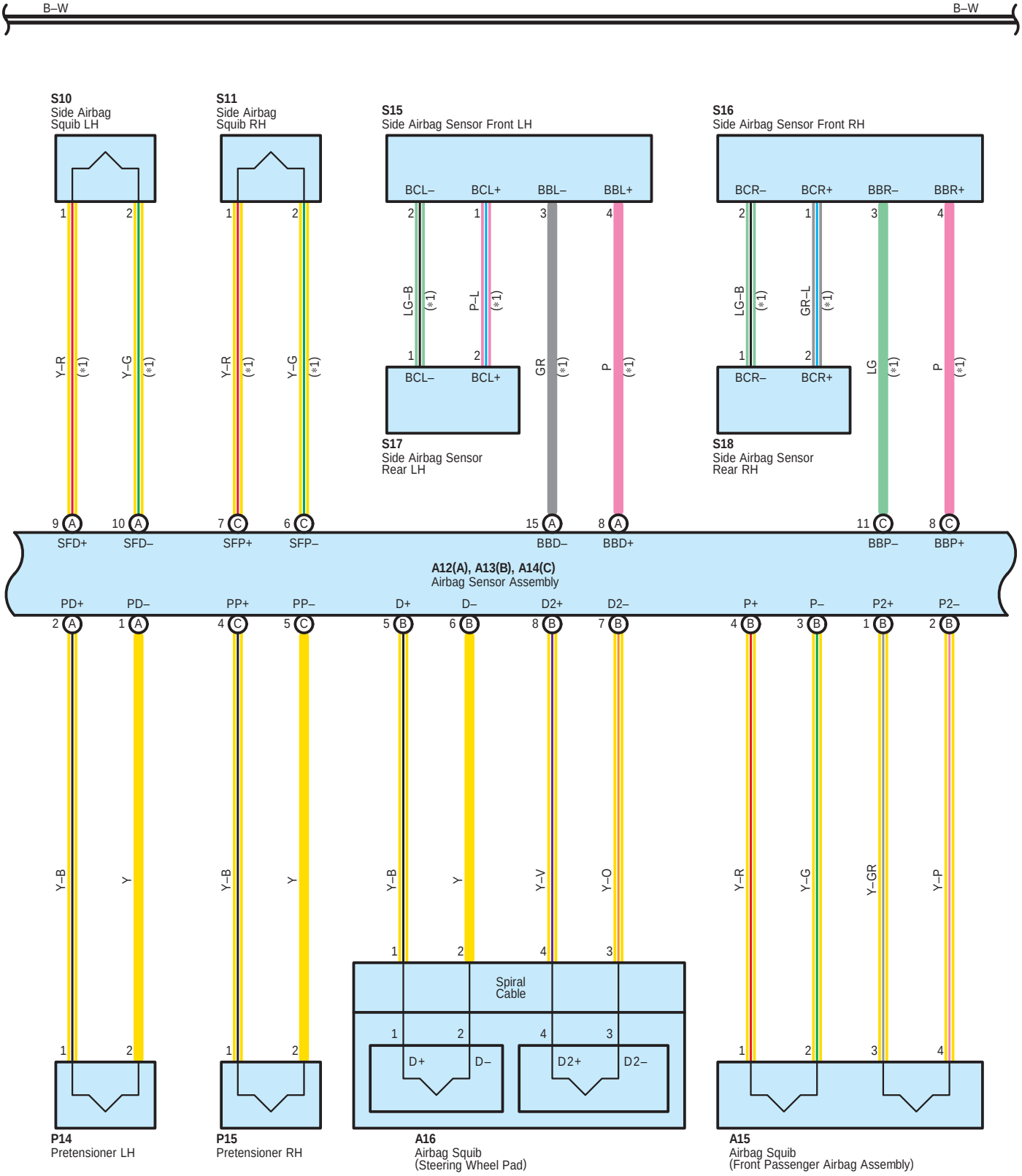
NOTICE: When inspecting or repairing the SRS, perform service in accordance with the following precautionary instructions and the procedure, and precautions in the Repair Manual applicable for the model year.

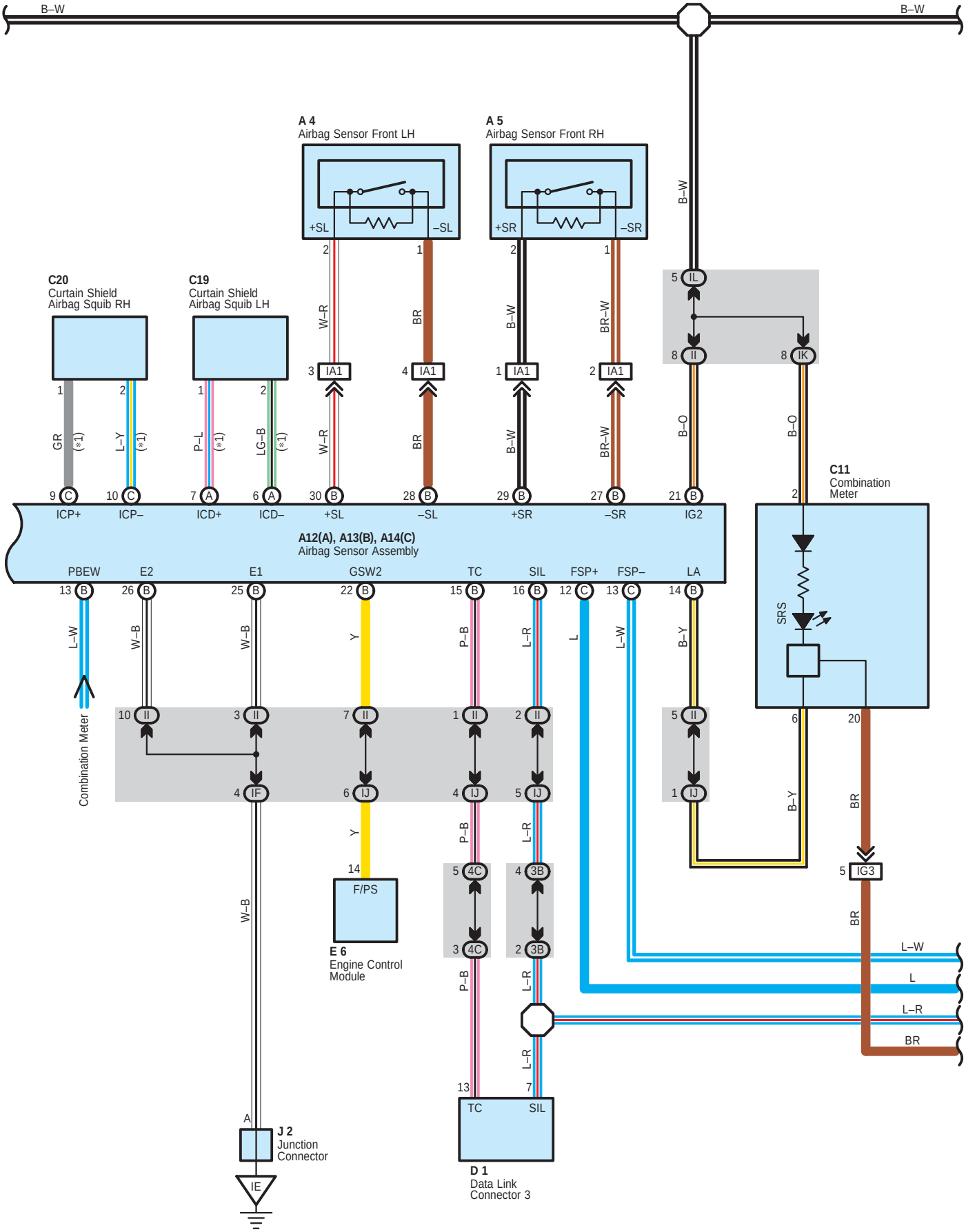
- Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.
- **Work must be started more than 90 seconds after the ignition SW is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

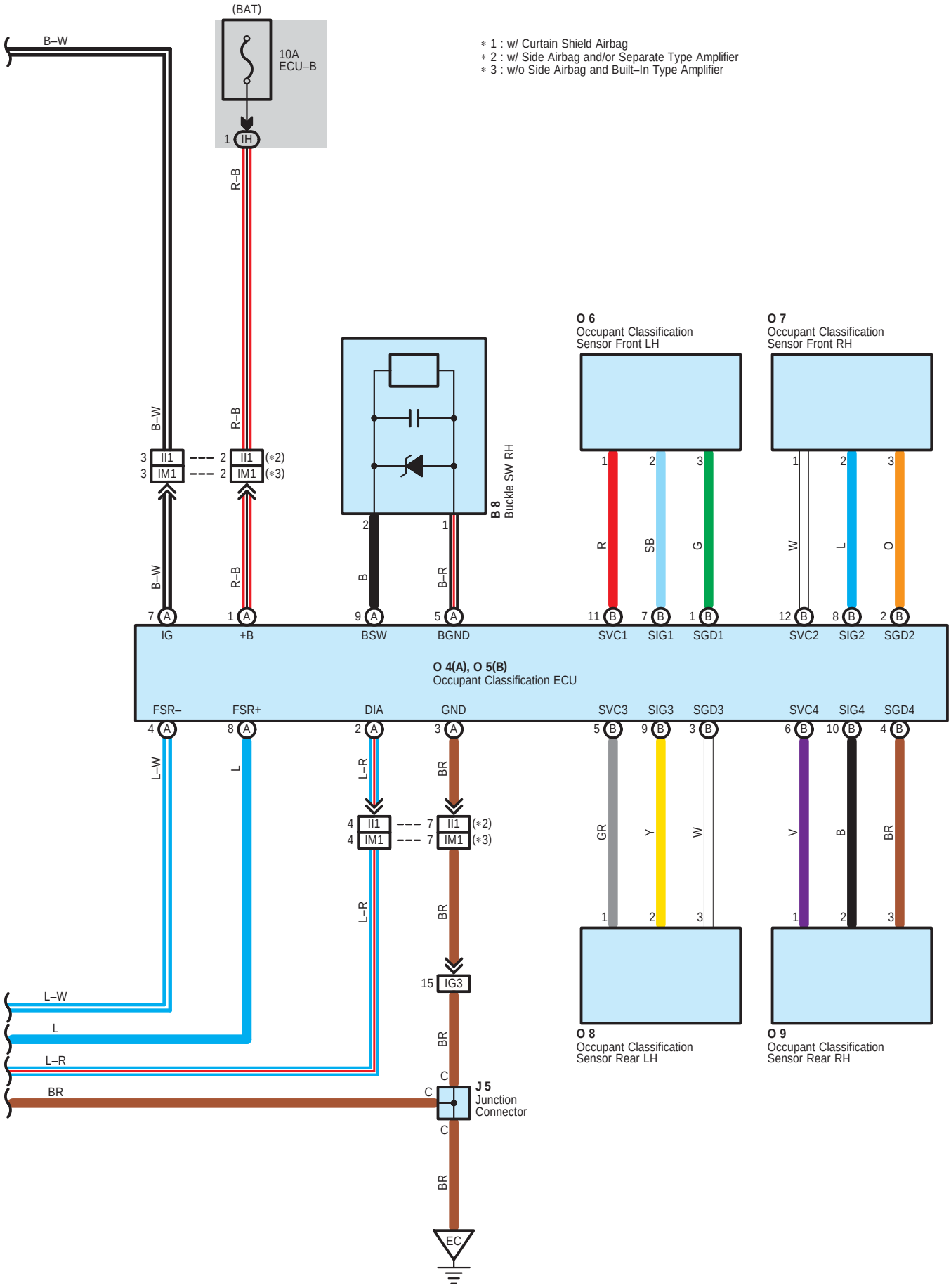
* Steering wheel pad
* Front passenger airbag assembly
* Side airbag assembly
* Curtain shield airbag assembly
* Seat belt pretensioner
* Center airbag sensor assembly
* Front airbag sensor assembly
* Side airbag sensor assembly
* Rear airbag sensor assembly


5 AM2
IG2 6
ST2
B–W
B–W
I11
Ignition SW
B
(IG)
10A
GAUGE
2 IG
C17
Option Connector
(Passenger Airbag
ON–OFF Indicator Light)
IG+
PAON
P–AB
4
10
9
6 IM
15A
AM2
3 IM
R–W
22
3B
11
3B
R–W
GR
P
B–R
2 IA5
B–R
23 B
17 B
PAON
P–AB
A12(A), A13(B), A14(C)
Airbag Sensor Assembly
DSP+
DSP–
DBE+
DBE–
14 A
13 A
11 A
12 A
1
2
30A
MAIN
1
1 1A
B
G–W
R–B
G
R
3
4
1
2
FL MAIN
2. 0L
Seat Position
Airbag Sensor
Battery
B 7
Buckle SW LH
Seat Position Sensor

∗ 1 : w/ Curtain Shield Airbag




B–W
B–W
A 4
Airbag Sensor Front LH
A 5
Airbag Sensor Front RH
+SL
–SL
+SR
–SR
C20
Curtain Shield
Airbag Squib RH
C19
Curtain Shield
Airbag Squib LH
GR
L–Y
P–L
LG–B
(*1)
W–R
BR
B–W
BR–W
B–O
ICP+
ICP–
ICD+
ICD–
+SL
–SL
+SR
–SR
IG2
A12(A), A13(B), A14(C)
Airbag Sensor Assembly
C11
Combination
Meter
SRS
PBEW
E2
E1
GSW2
TC
SIL
FSP+
FSP–
LA
L–W
W–B
Y
P–B
L–R
L
B–Y
BR
Combination Meter
F/PS
E6
Engine Control
Module
J 2
Junction
Connector
D 1
Data Link
Connector 3
IG3
L–W
L
L–R
BR


(BAT)
B–W
10A
ECU–B
1 IH
R–B
* 1 : w/ Curtain Shield Airbag
* 2 : w/ Side Airbag and/or Separate Type Amplifier
* 3 : w/o Side Airbag and Built–In Type Amplifier
B–W
R–B
3 II1
3 IM1
2 II1 (*2)
2 IM1 (*3)
B 8
Buckle SW RH
O 6
Occupant Classification
Sensor Front LH
O 7
Occupant Classification
Sensor Front RH
R
SB
G
W
L
O
B–W
R–B
B
B–R
7 A IG
1 A +B
9 A BSW
5 A BGND
11 B SVC1
7 B SIG1
1 B SGD1
12 B SVC2
8 B SIG2
2 B SGD2
O 4(A), O 5(B)
Occupant Classification ECU
FSR–
FSR+
DIA
GND
SVC3
SIG3
SGD3
SVC4
SIG4
SGD4
4 A
8 A
2 A
3 A
5 B
9 B
3 B
6 B
10 B
4 B
L–W
L
L–R
BR
4 II1
4 IM1
7 II1 (*2)
7 IM1 (*3)
GR
Y
W
V
B
BR
15 IG3
L–W
L
L–R
BR
C
C
C
J 5
Junction
Connector
EC
O 8
Occupant Classification
Sensor Rear LH
O 9
Occupant Classification
Sensor Rear RH

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
  – Knee 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) and 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.

: Parts Location

Code	See Page	Code	See Page	Code	See Page
A4	34	C19	38	O8	39
A5	34	C20	38	O9	39
A12 A	36	D1	36	P14	39
A13 B	36	E6	36	P15	39
A14 C	36	I11	37	S10	39
A15	36	J2	37	S11	39
A16	36	J5	37	S15	39
B7	38	O4 A	39	S16	39
B8	38	O5 B	39	S17	39
C11	36	O6	39	S18	39
C17	36	O7	39		

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	23	Engine Room R/B (Engine Compartment Left)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
IF	25	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
IG		
IH		
II		
IJ		
IK	24	
IL		
IM		
1A	23	Engine Wire and Engine Room J/B (Engine Compartment Left)
3B	29	Instrument Panel Wire and RH J/B (Right Side of the Instrument Panel Reinforcement)
4C	32	Instrument Panel Wire and Center J/B (Behind the Combination Meter)

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	42	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Reinforcement LH)
IA5		
IG3	43	Engine Wire and Instrument Panel Wire (Blower Unit RH)
II1	43	Instrument Panel Wire and Floor Wire (Under the Instrument Panel Center)
IM1	43	Instrument Panel Wire and Instrument Panel No.3 Wire (Under the Instrument Panel Center)

: Ground Points

Code	See Page	Ground Points Location
EC	40	Left Side of the Cylinder Head
IE	42	Behind Combination Meter