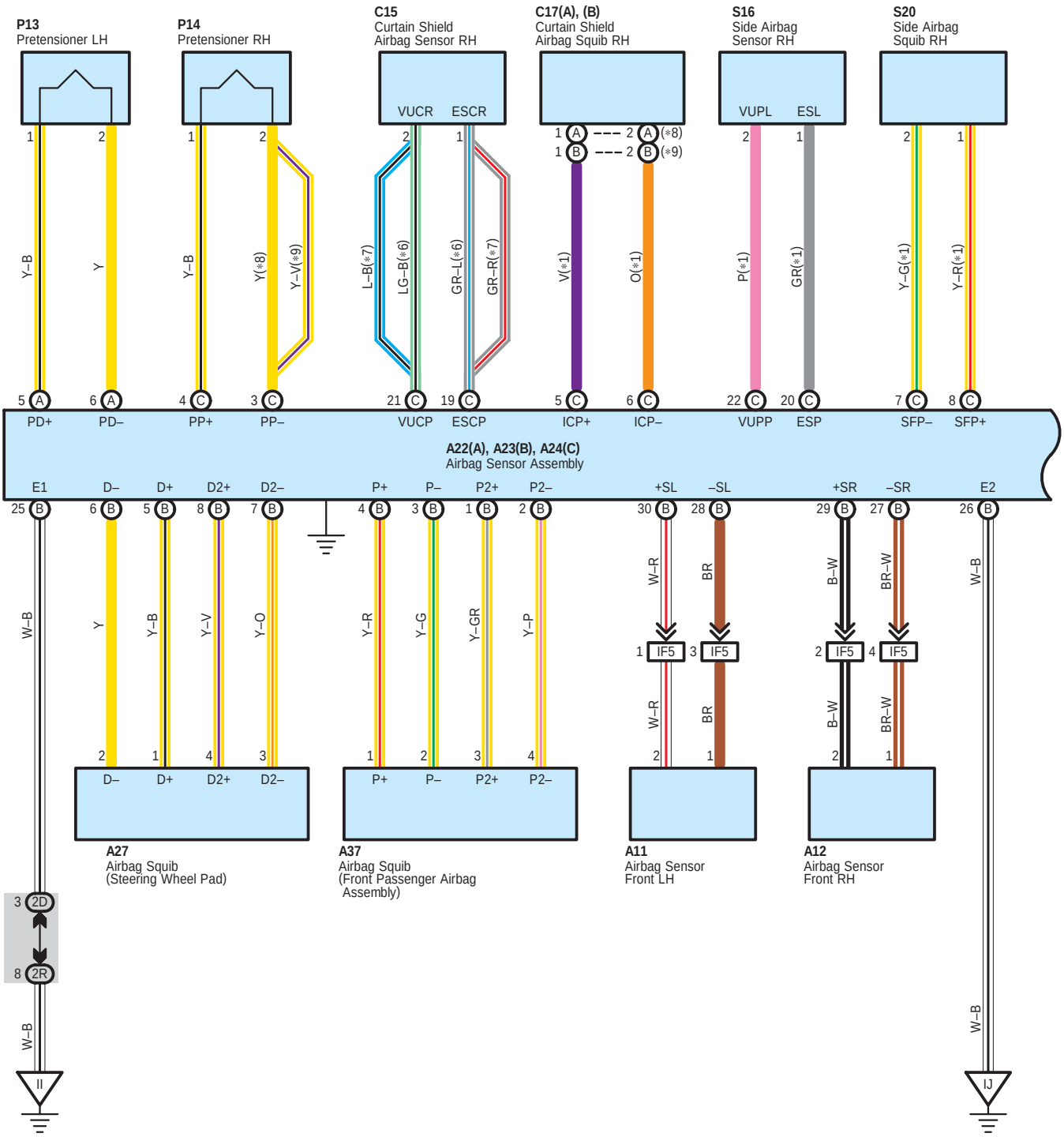
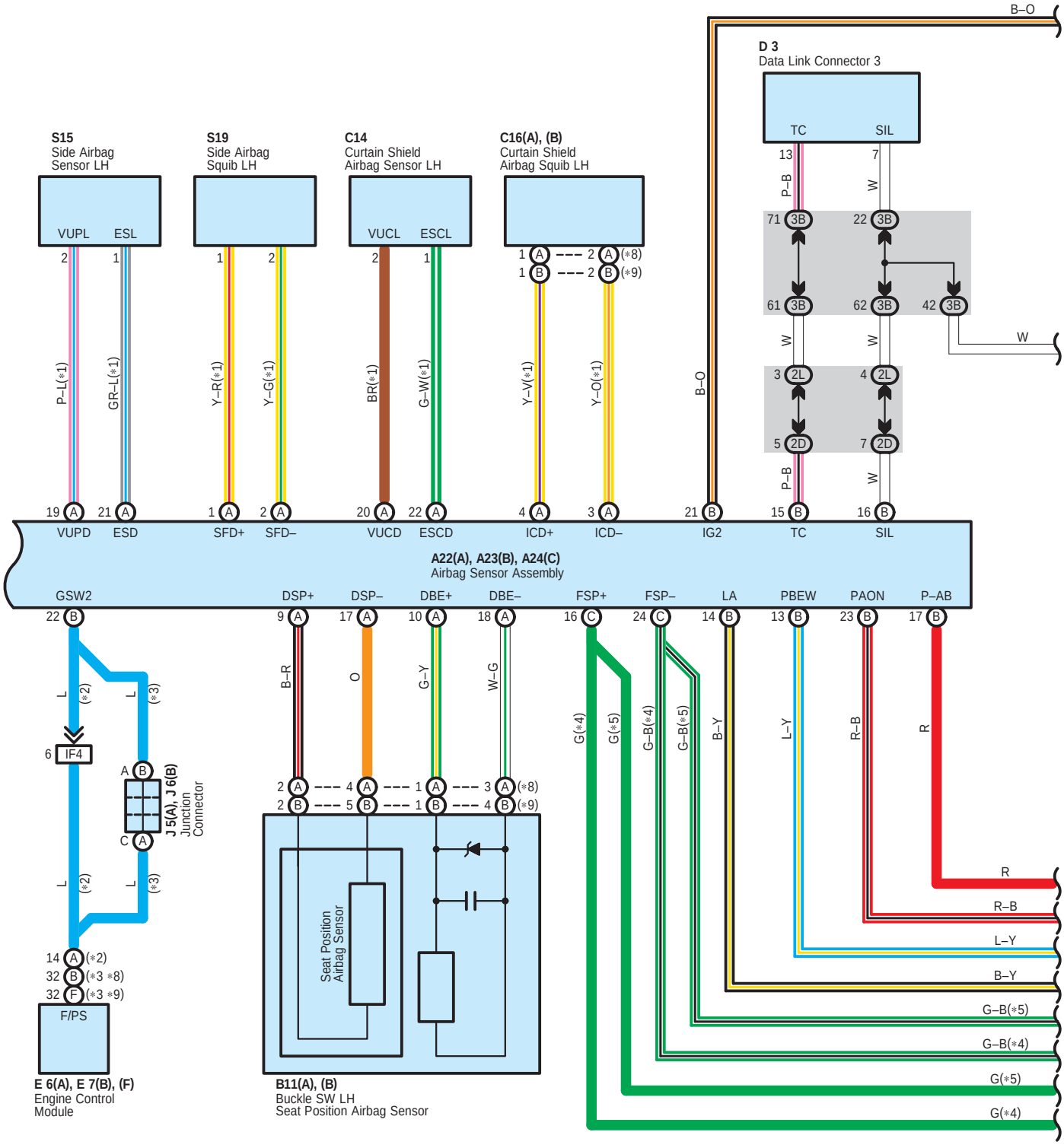
NOTICE: When inspecting or repairing the SRS, perform service in accordance with the following precautionary instructions and the procedure, and precautions in the Repair Manual applicable for the model year.

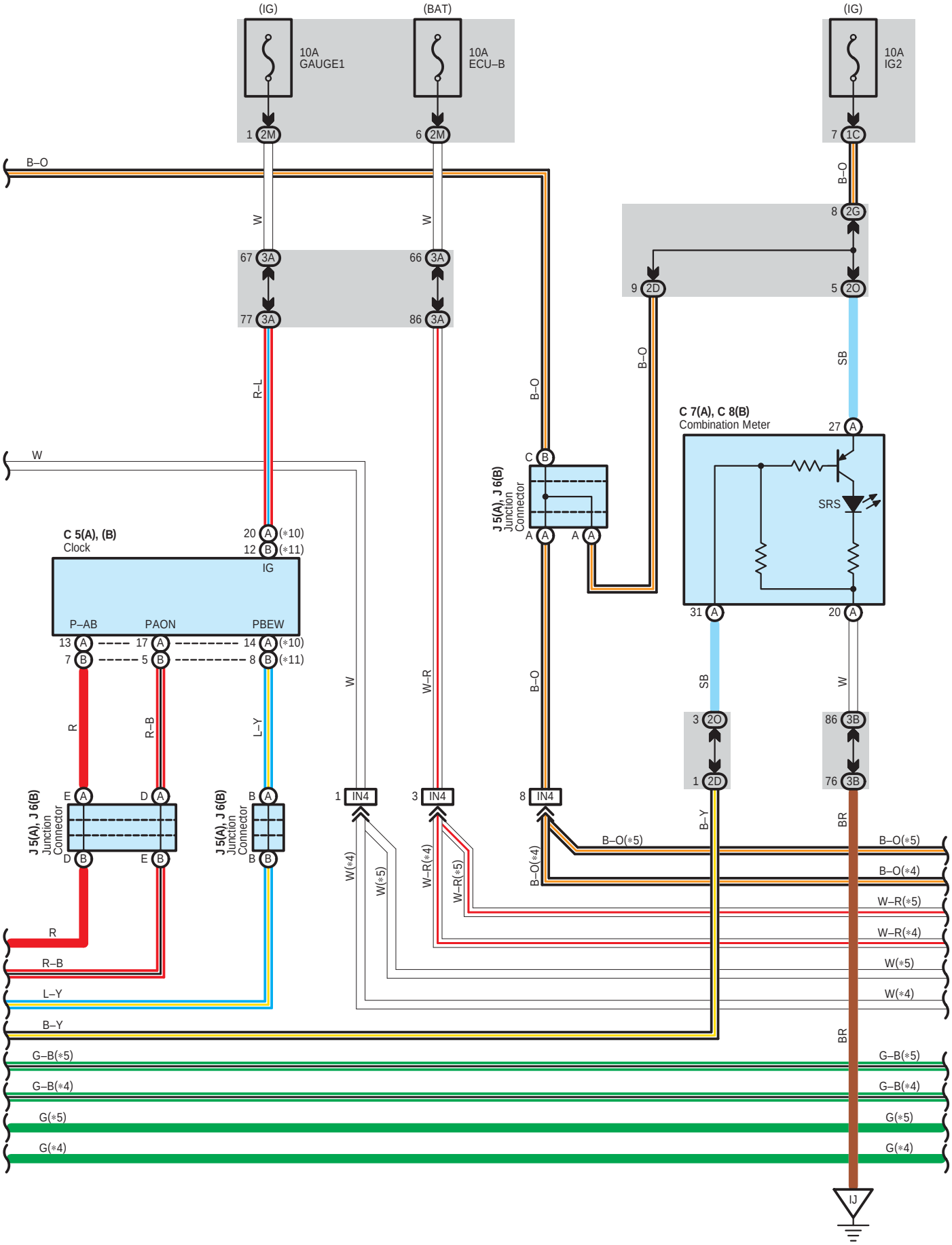
- Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.
- **Work must be started more than 90 seconds after the ignition SW is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

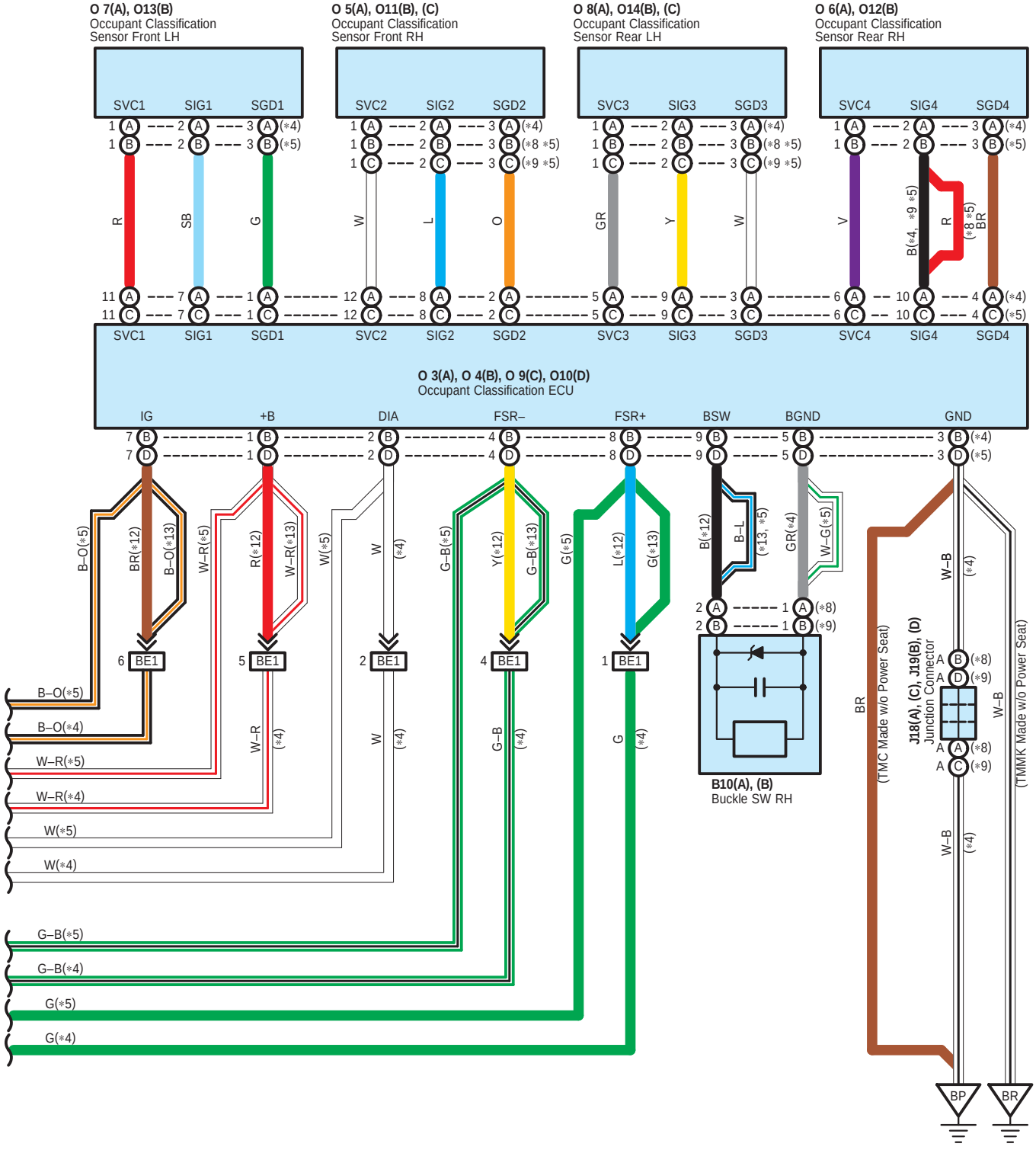

P13
Pretensioner LH
P14
Pretensioner RH
C15
Curtain Shield
Airbag Sensor RH
C17(A), (B)
Curtain Shield
Airbag Squib RH
S16
Side Airbag
Sensor RH
S20
Side Airbag
Squib RH
VUCR
ESCR
PD+
PD–
PP+
PP–
VUCP
ESCP
ICP+
ICP–
VUPP
ESP
SFP–
SFP+
A22(A), A23(B), A24(C)
Airbag Sensor Assembly
E1
D–
D+
D2+
D2–
P+
P–
P2+
P2–
+SL
–SL
+SR
–SR
E2
A27
Airbag Squib
(Steering Wheel Pad)
A37
Airbag Squib
(Front Passenger Airbag
Assembly)
A11
Airbag Sensor
Front LH
A12
Airbag Sensor
Front RH
IF5
2D
2R
II
IJ

* 1 : w/ Curtain Shield Airbag
* 2 : 1MZ–FE, 3MZ–FE
* 3 : 2AZ–FE
* 4 : w/ Power Seat
* 5 : w/o Power Seat
* 6 : TMC Made w/ Curtain Shield Airbag
* 7 : TMMK Made w/ Curtain Shield Airbag
* 8 : TMC Made
* 9 : TMMK Made




(IG)
10A
GAUGE1
(BAT)
10A
ECU–B
(IG)
10A
IG2
1 2M
6 2M
7 1C
B–O
W
W
B–O
8 2G
67 3A
66 3A
9 2D
5 2O
77 3A
86 3A
B–O
SB
R–L
B–O
C 7(A), C 8(B)
Combination Meter
27 A
W
C B
J 5(A), J 6(B)
Junction
Connector
A A A
SRS
C 5(A), (B)
Clock
20 A (*10)
12 B (*11)
IG
P–AB
PAON
PBEW
13 A
17 A
14 A (*10)
7 B
5 B
8 B (*11)
31 A
20 A
SB
W
R
R–B
L–Y
W
W–R
B–O
3 2O
86 3B
1 2D
76 3B
E A
D A
B A
1 IN4
3 IN4
8 IN4
B–Y
BR
J 5(A), J 6(B)
Junction
Connector
D B
E B
B B
B–O(*5)
B–O(*4)
W(*4)
W(*5)
W–R(*4)
W–R(*5)
B–O(*5)
B–O(*4)
W–R(*5)
W–R(*4)
W(*5)
W(*4)
R
R–B
L–Y
B–Y
BR
G–B(*5)
G–B(*4)
G(*5)
G(*4)
G–B(*5)
G–B(*4)
G(*5)
G(*4)
IJ

∗ 4 : w/ Power Seat
∗ 5 : w/o Power Seat
∗ 8 : TMC Made
∗ 9 : TMMK Made
∗10 : Automatic A/C
∗11 : Manual A/C
∗12 : TMC Made w/ Power Seat
∗13 : TMMK Made w/ Power Seat



System Outline

The SRS is a driver and front passenger protection device which has a supplemental role to the seat belts.
When the ignition SW is turned to ON, the current from the IG2 fuse to TERMINAL (B) 21 of the airbag sensor assembly.
If an accident occurs while driving, when the frontal impact exceeds a set level, the current from the IG2 fuse flows to TERMINALS (B) 5, (B) 8, (B) 4, (B) 1, (A) 5 and (C) 4 of the airbag sensor assembly to the airbag squibs and the pretensioners to TERMINALS (B) 6, (B) 7, (B) 3, (B) 2, (A) 6 and (C) 3 of the airbag sensor assembly to TERMINAL (B) 25, (B) 26 or BODY GROUND to GROUND, so that current flows to the airbag squibs and the pretensioners and causes them to operate.
When the side impact also exceeds a set level, the current from the IG2 fuse flows to TERMINALS (A) 1, (C) 8, (A) 4 and (C) 5 of the airbag sensor assembly to the side airbag squibs and the curtain shield airbag squibs TERMINALS (A) 2, (C) 7, (A) 3 and (C) 6 of the airbag sensor assembly to TERMINAL (B) 25, (B) 26 or BODY GROUND to GROUND, causing side airbag squibs and curtain shield airbag squibs to operate.
The airbag stored inside the steering wheel pad is instantaneously expanded to soften the shock to the driver.
The airbag stored inside the passenger's instrument panel is instantaneously expanded to soften the shock to the front passenger.
Side airbags are instantaneously expanded to soften the shock of side to the driver and front passenger.
The curtain shield airbag can ease an impact on the head of the front and rear passengers and reduce risks of injury.
The pretensioners make sure of the seat belt restrainability.
If occupant classification ECU detects the presence of a child in the front passenger seat, it prohibits the deployment of the SRS airbag to prevent the child from being injured by the airbag.

: Parts Location

Code		See Page	Code		See Page	Code		See Page
A11		38 (*1)	C8	B	42	O6	A	46 (*3)
		40 (*2)	C14		44	O7	A	46 (*3)
A12		38 (*1)	C15		44	O8	A	46 (*3)
		40 (*2)	C16	A	44	O9	C	47 (*4)
A22	A	42		B	44	O10	D	47 (*4)
A23	B	42	C17	A	44	O11	B	47 (*4)
A24	C	42		B	44		C	47 (*4)
A27		42	D3		42	O12	B	47 (*4)
A37		42	E6	A	42	O13	B	47 (*4)
B10	A	46 (*3)	E7	B	42	O14	B	47 (*4)
		47 (*4)		F	42		C	47 (*4)
	B	46 (*3)	J5	A	43	P13		45
		47 (*4)	J6	B	43	P14		45
B11	A	46 (*3)	J18	A	46 (*3)	S15		45
		47 (*4)		C	46 (*3)	S16		45
	B	46 (*3)	J19	B	46 (*3)	S19		46 (*3)
		47 (*4)		D	46 (*3)			47 (*4)
C5	A	42	O3	A	46 (*3)	S20		46 (*3)
	B	42	O4	B	46 (*3)			47 (*4)
C7	A	42	O5	A	46 (*3)			

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
2D	28	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2G	28	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
2L	29	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2M		
2O		
2R		
3A	34	Instrument Panel Wire and Passenger Side J/B (Instrument Panel Brace RH)
3B		

* 1 : 1MZ–FE, 3MZ–FE * 2 : 2AZ–FE * 3 : w/ Power Seat * 4 : w/o Power Seat

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IF4	50	Engine Room Main Wire and Instrument Panel Wire (Right Side of Steering Column Tube)
IF5		
IN4	51	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)
BE1	53	Floor No.2 Wire and Front Seat RH Wire (Under the Front Passenger's Seat)

: Ground Points

Code	See Page	Ground Points Location
II	50	Cowl Side Panel LH
IJ	50	Instrument Panel Brace LH
BP	52	Under the Front Passenger's Seat
BR	52	Front Side of Rear Quarter Wheel House RH