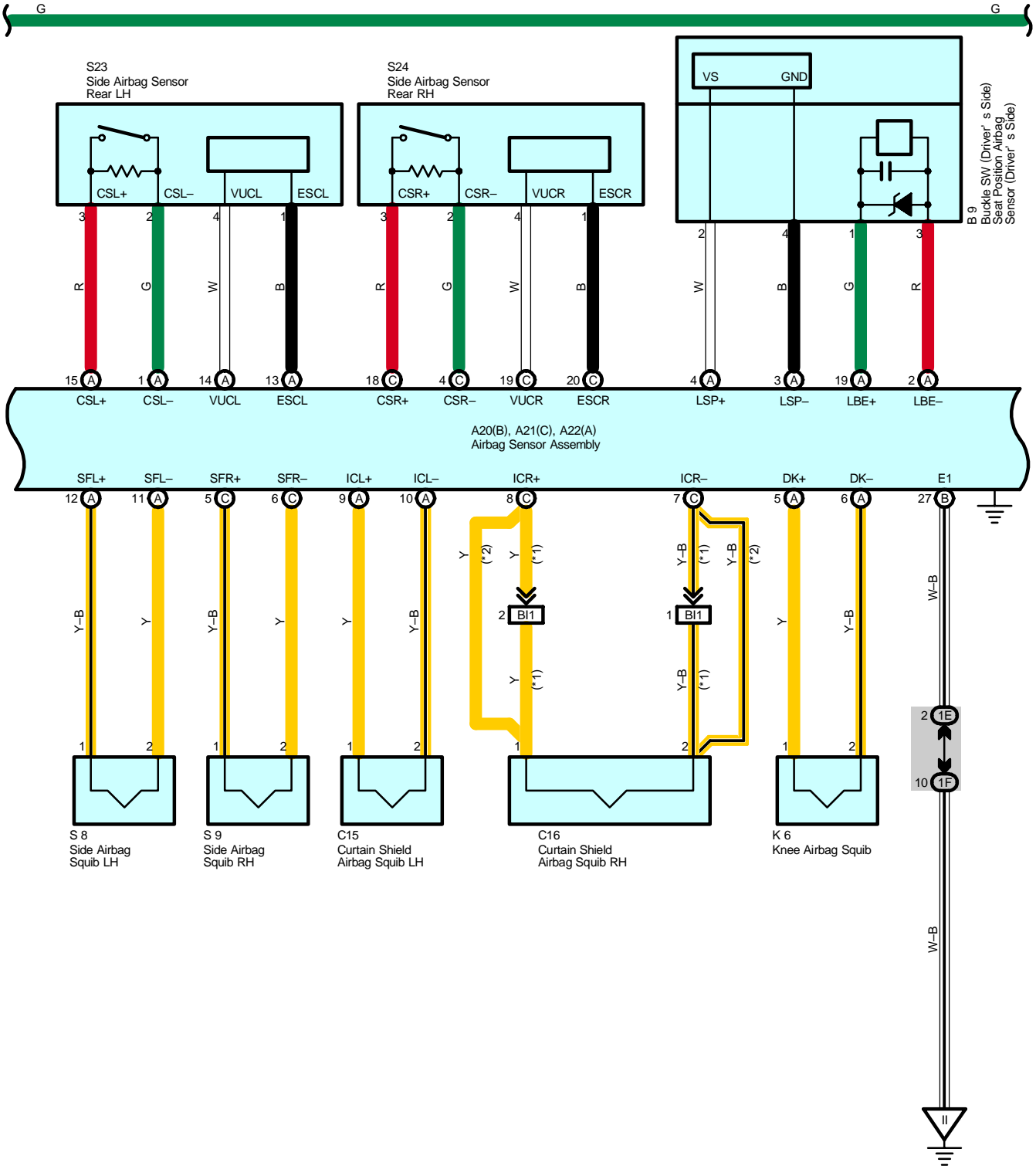


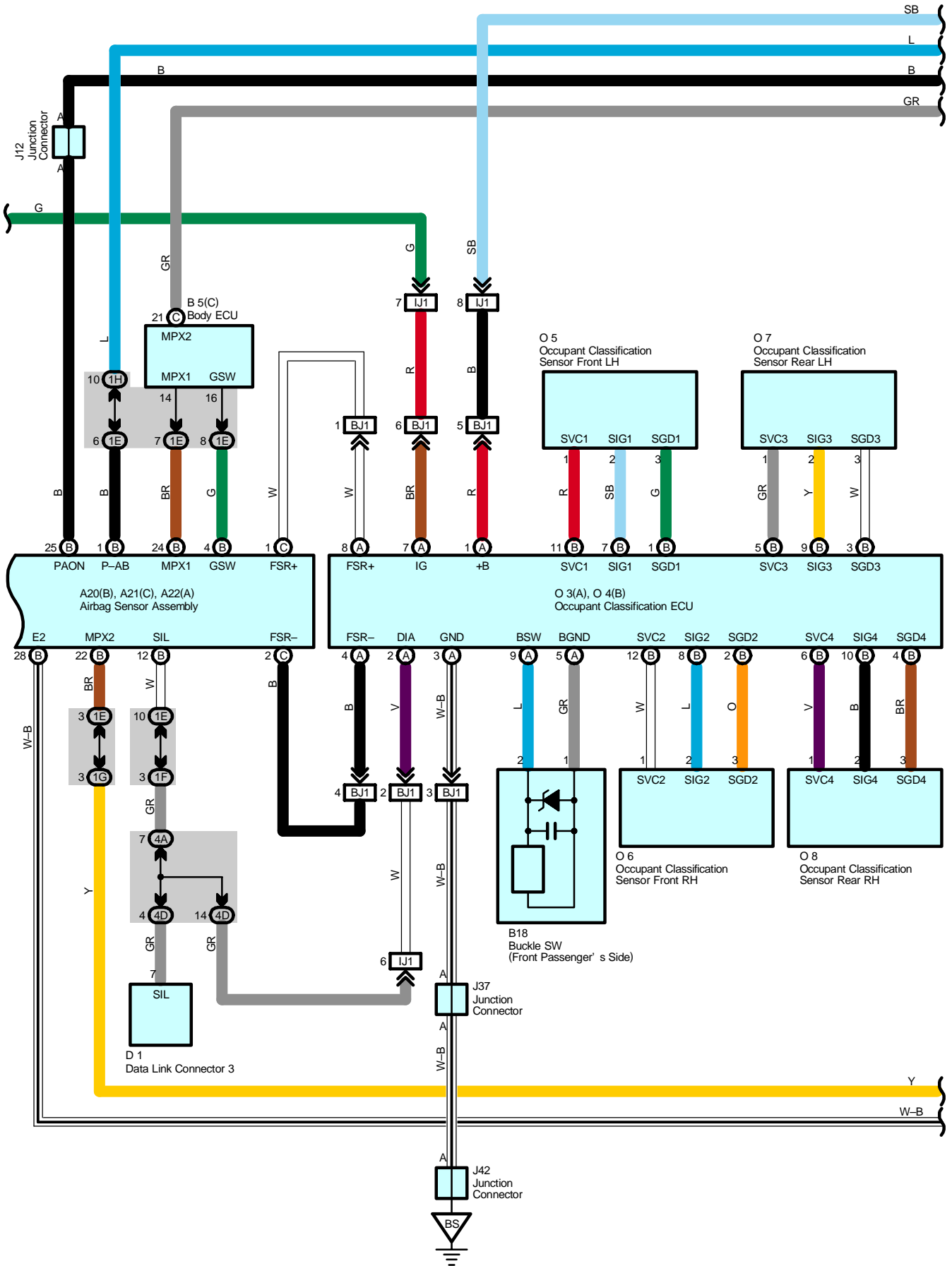
NOTICE: When inspecting or repairing the SRS, perform service in accordance with the following precautionary instructions and the procedure, and precautions in the Repair Manual applicable for the model year.

- 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
- * Knee airbag assembly
- * Seat belt pretensioner
- * Center airbag sensor assembly
- * Front airbag sensor assembly
- * Side airbag sensor assembly
- * Rear airbag sensor assembly

* 1 : w/ Rear Seat Entertainment System
 * 2 : w/o Rear Seat Entertainment System





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 IGN fuse flows to TERMINAL (B) 5 of the airbag sensor assembly.

If an accident occurs while driving, when the frontal impact exceeds a set level, the current from the IGN fuse flows to TERMINALS (B) 14, (B) 16, (B) 10, (B) 8, (A) 5, (A) 8 and (C) 9 of the airbag sensor assembly to the airbag squibs and the pretensioners to TERMINALS (B) 13, (B) 17, (B) 11, (B) 7, (A) 6, (A) 7 and (C) 10 of the airbag sensor assembly to TERMINAL (B) 27, (B) 28 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 IGN fuse flows to TERMINALS (A) 12, (C) 5, (A) 9 and (C) 8 of the airbag sensor assembly to the side airbag squibs and the curtain shield airbag squibs TERMINALS (A) 11, (C) 6, (A) 10 and (C) 7 of the airbag sensor assembly to TERMINAL (B) 27, (B) 28 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.

In a head-on crash, the driver moves forward and may strike his/her lower limbs against the instrument panel, the key cylinder, etc. The knee airbag is equipped to protect the lower limbs of the driver in head-on crashes.

The pretensioners make sure of the seat belt restrainability.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A5	44	C15	50	O6	54
A6	44	C16	50	O7	54
A8	46	D1	47	O8	54
A20	B 46	E6	47	P22	52
A21	C 46	G3	47	P27	52
A22	A 46	J12	48	P28	52
A23	46	J28	51	S8	49
A24	46	J37	51	S9	49
A25	46	J42	51	S21	53
B5	C 46	K6	48	S22	53
B9	46	M5	48	S23	53
B18	54	M9	51	S24	53
C4	47	O3	A 54	T4	49
C8	A 47	O4	B 54	T9	49
C9	B 47	O5	54		

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
7	22	Fusible Link Block (Engine Compartment Left)

 : **Junction Block and Wire Harness Connector**

Code	See Page	Junction Block and Wire Harness (Connector Location)
1D	26	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
1E	26	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
1F		
1G	27	
1H		
1M	26	
3A	34	Instrument Panel Wire and J/B No.3 (Behind the Combination Meter)
3C		
3E		
3F		
3G		
3H		
3K		
3M		
4A	38	Instrument Panel Wire and J/B No.4 (Behind the Glove Box)
4D	39	

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

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA3	58	Engine Room Main Wire and Instrument Panel Wire (Left Kick Panel)
IB1	58	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IJ1	62	Floor Wire and Instrument Panel Wire (Instrument Panel Brace RH)
IL2	62	Instrument Panel Wire and Instrument Panel No.2 Wire (Above the Glove Box)
IO3	62	Engine Room Main Wire and Instrument Panel Wire (Right Kick Panel)
IS2	64	Instrument Panel Wire and Floor Wire (Right Kick Panel)
BI1	66	Roof No.2 Wire and Floor Wire (Right Rear Quarter Panel)
BJ1	68	Floor Wire and Front Seat RH Wire (Under the Front Passenger's Seat)

 : **Ground Points**

Code	See Page	Ground Points Location
II	58	Left Kick Panel
IK	58	Behind the Combination Meter
BS	66	Right Rear Quarter Panel