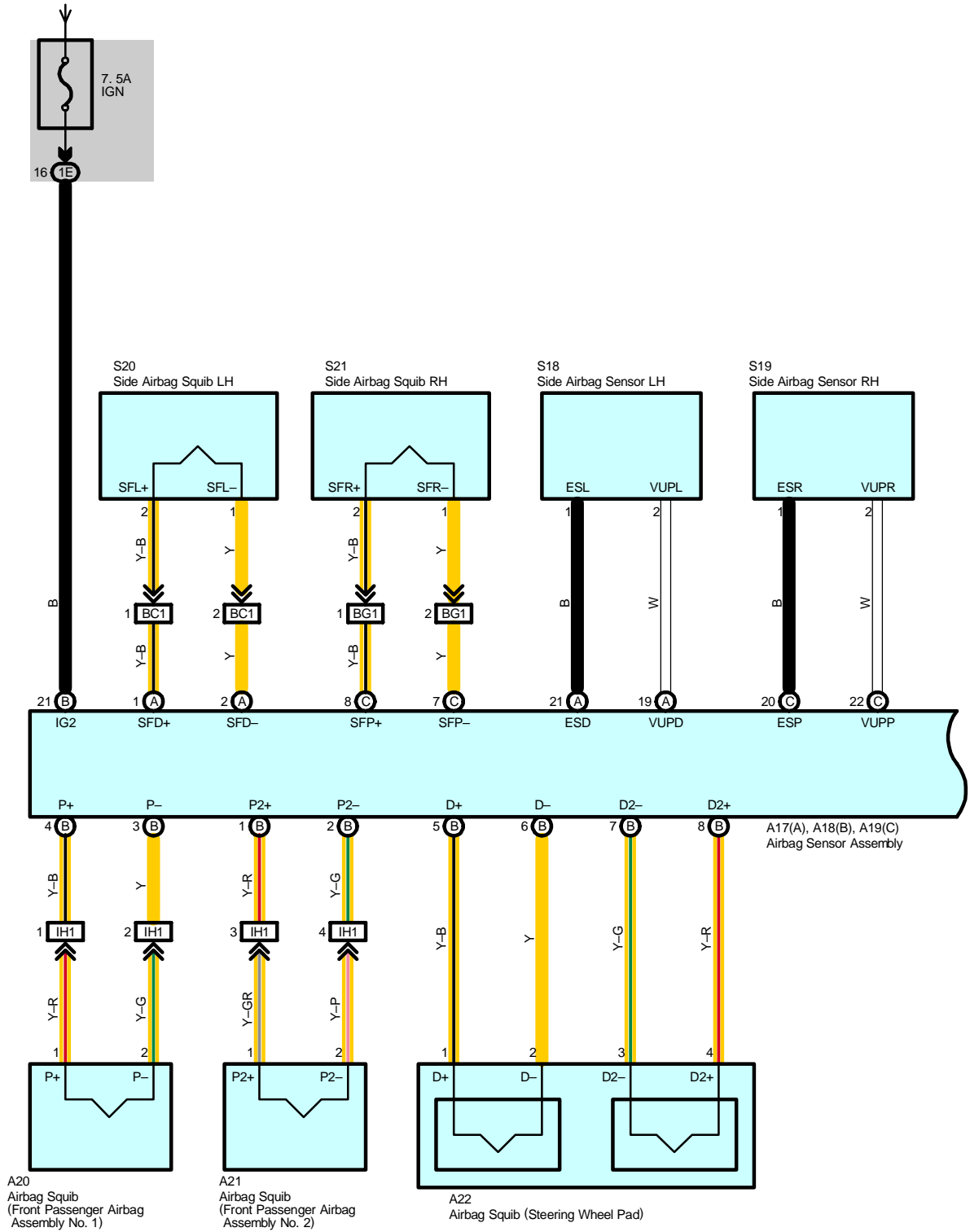


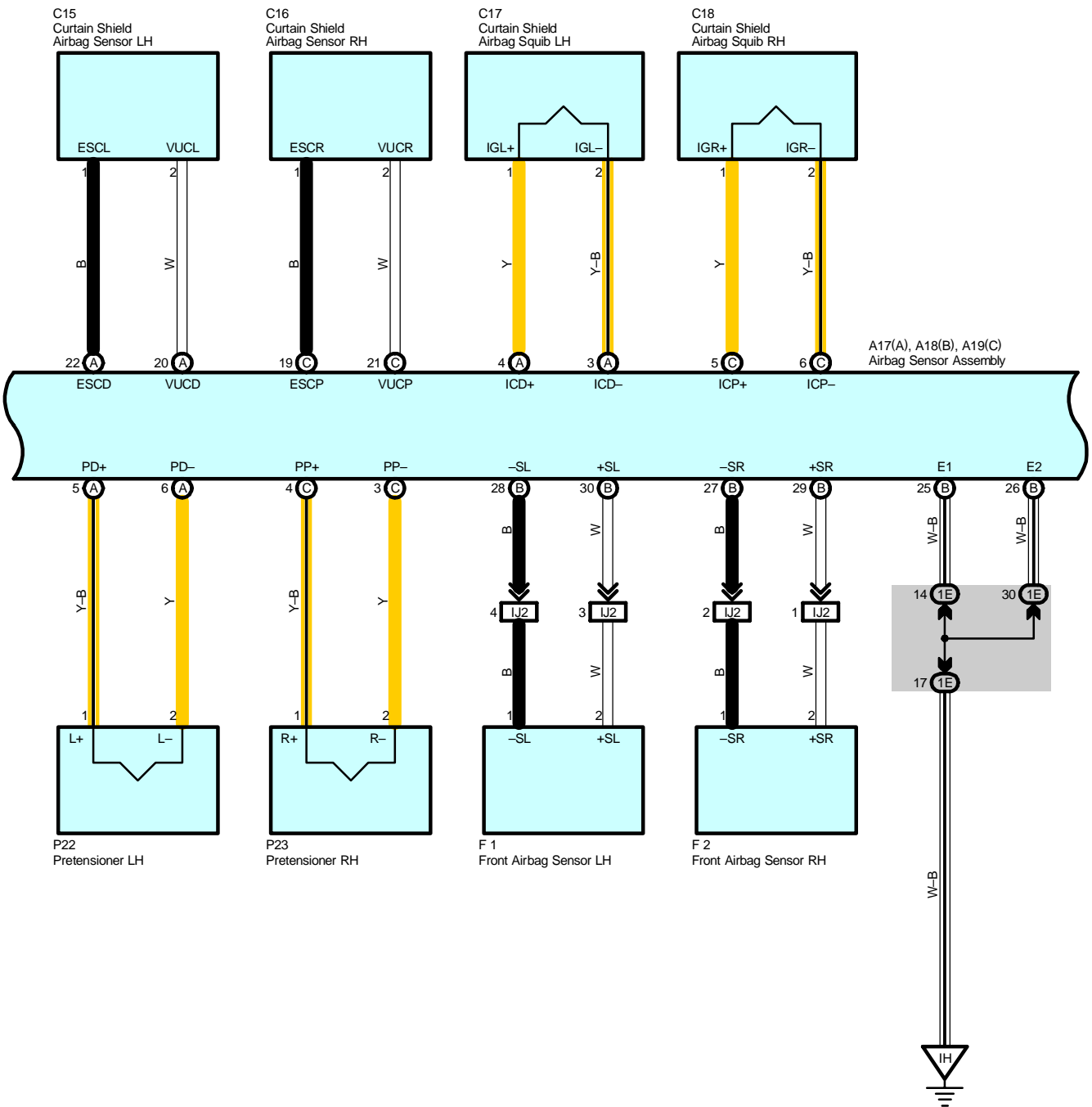
NOTICE: When inspecting or repairing the SRS, perform service in accordance with the following precautionary instructions and the procedure, and precautions in the Repair Manual applicable for the model year.

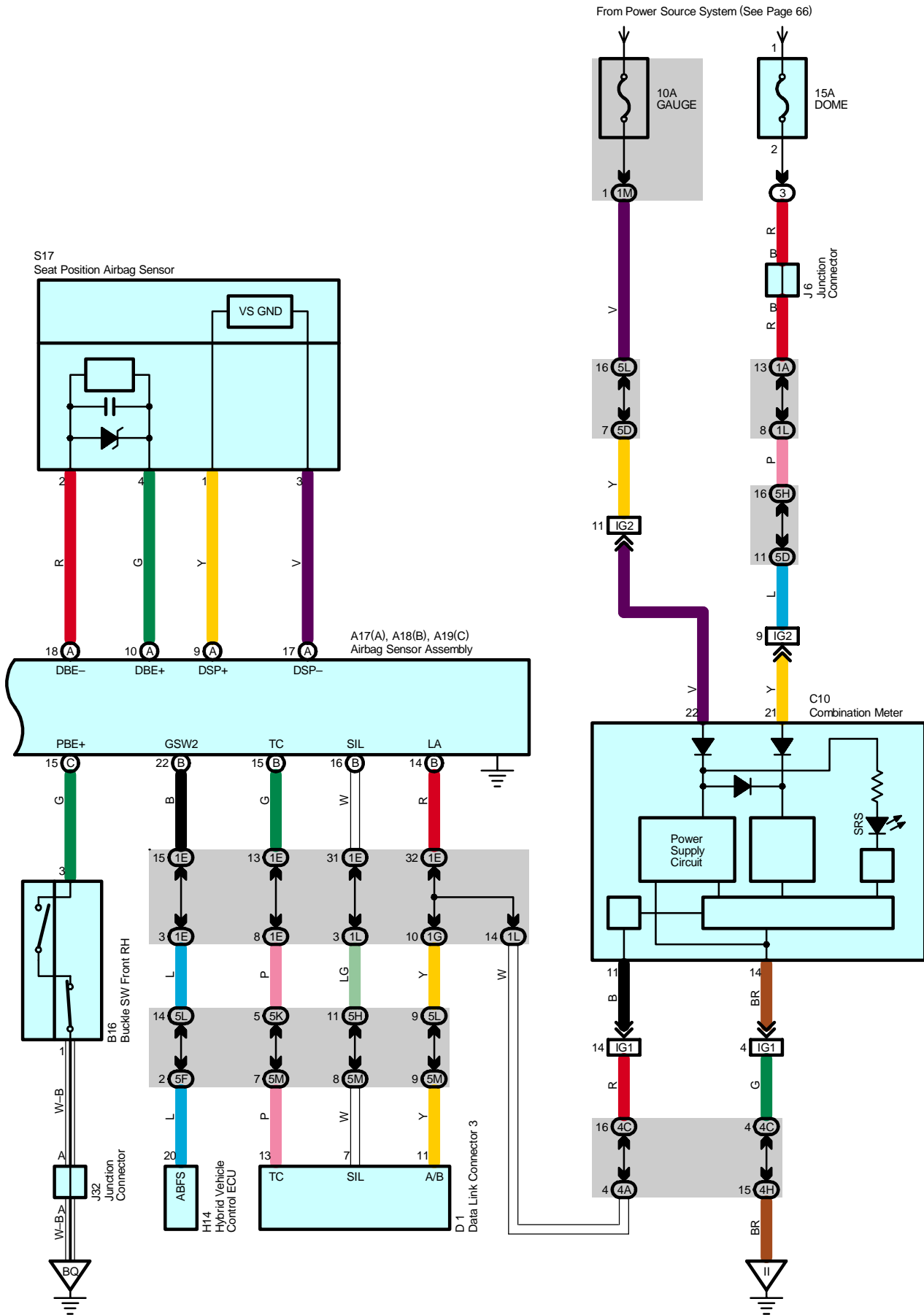
- Malfunction symptoms of the SRS are difficult to confirm, so the DTCs become the most important source of information when troubleshooting. When troubleshooting the SRS, always inspect the DTCs before disconnecting the battery.
- **Work must be started more than 90 seconds after the power SW is pushed 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 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
- * Airbag sensor assembly
- * Front airbag sensor assembly
- * Curtain shield airbag sensor assembly
- * Side airbag sensor assembly

From Power Source System (See Page 66)







System Outline

The SRS is a protection device for a driver and front passenger which has a supplemental role to the seat belts. When the power SW is pushed to IG ON position, the current from the IGN fuse flows to TERMINAL (B) 21 of the airbag sensor assembly.

If an accident occurs while driving, when the frontal impact exceeds set level, the current from the IGN 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. The flowing current activates the airbag squibs and the pretensioners.

When the side impact exceeds set level, the current from the SRS 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, which activates side airbag squibs and curtain shield airbag squibs.

The airbag stored inside the steering wheel pad is instantaneously expanded to reduce the shock to the driver.

The airbag stored inside the passenger's instrument panel expands instantaneously to reduce shock to the front passenger.

Side airbags expand instantaneously to reduce side shock to the driver and front passenger.

The curtain shield airbag can reduce impact on the head of the front and rear passengers and reduce risk of injury.

The pretensioner helps to maximize the seat belt restraint.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page	
A17	A	46	C16	50	P22	52
A18	B	46	C17	50	P23	52
A19	C	46	C18	50	S17	53
A20		46	D1	47	S18	53
A21		46	F1	44	S19	53
A22		46	F2	44	S20	53
B16		50	H14	47	S21	53
C10		47	J6	48		
C15		50	J32	51		

○ : 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	28	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E	28	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1G		
1L		
1M		
4A		
4C	36	Instrument Panel Wire and Center Connector No.1 (Behind the Combination Meter)
4H		
5D		
5F	40	Instrument Panel Wire and Center Connector No.2 (Instrument Panel Brace RH)
5H		
5K		
5L		
5M		

SRS

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IG1	58	Instrument Panel Wire and Instrument Panel No.2 Wire (Behind the Combination Meter)
IG2		
IH1	58	Instrument Panel Wire and Instrument Panel No.1 Wire (Behind the Glove Box)
IJ2	58	Engine Room Main Wire and Instrument Panel Wire (Behind the Glove Box)
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	56	Cowl Side Panel LH
II	56	Instrument Panel Brace LH
BQ	60	Rear Side of Right Quarter Panel

