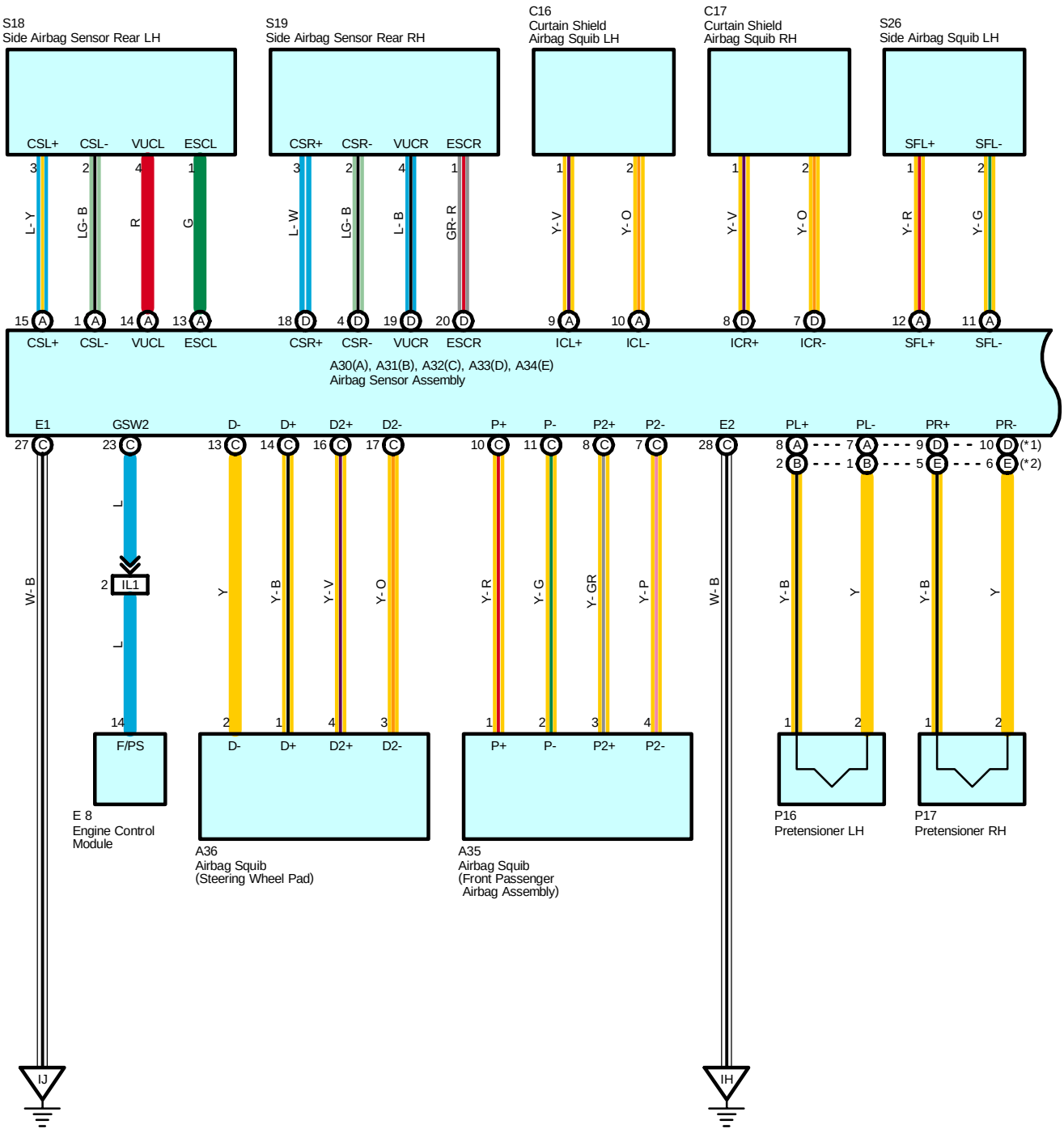
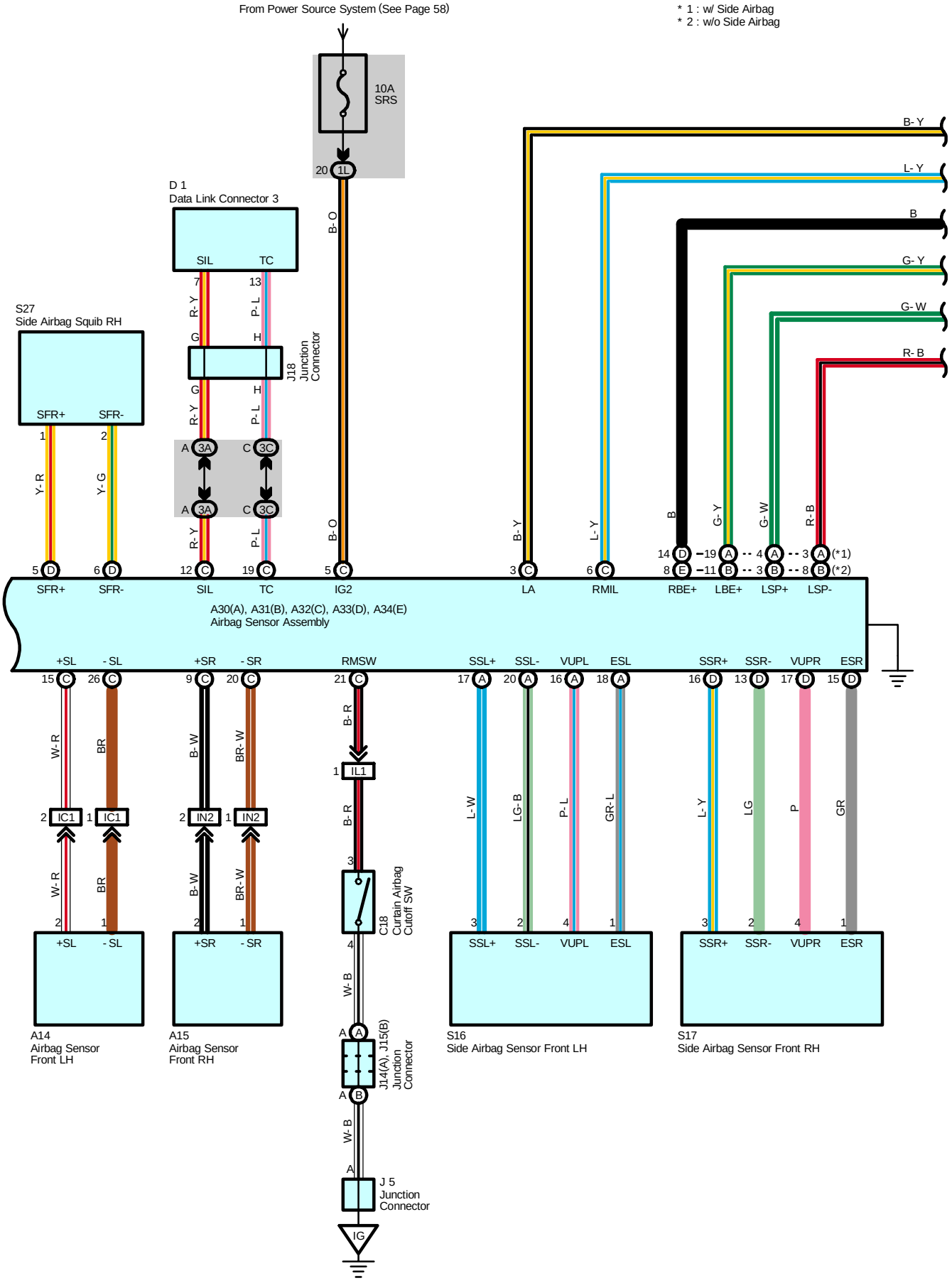
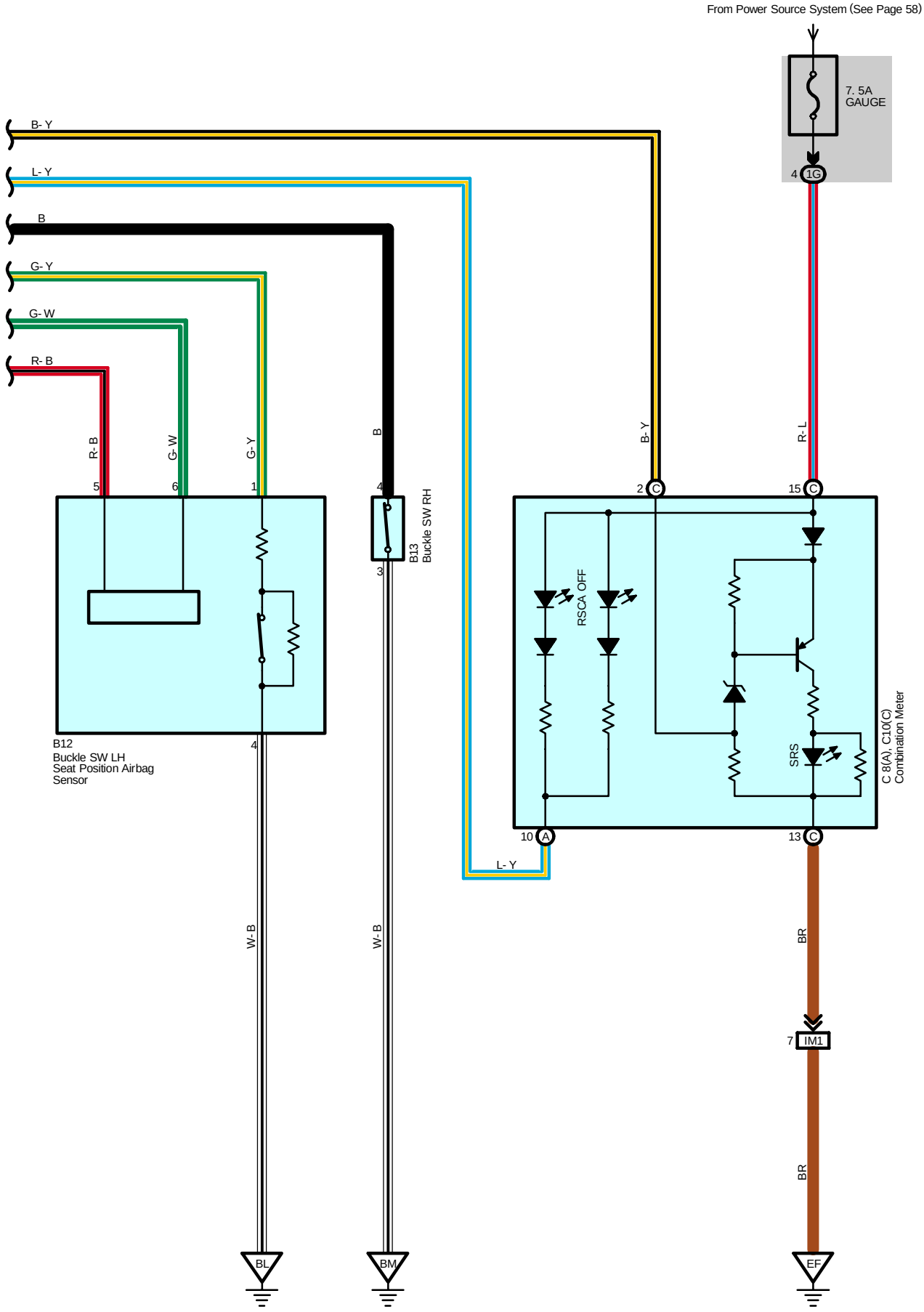
NOTICE: When inspecting or repairing the SRS, perform the operation in accordance with the following precautionary instructions and the procedure and precautions in the Repair Manual for the applicable model year.

- 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 after 90 seconds from when the ignition switch 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 be deployed.)
- When the negative (-) terminal cable is disconnected from the battery, the memory of the clock and audio system will be canceled. So before starting work, make a record of the contents memorized in the audio memory system. When work is finished, reset the audio systems as they were before and adjust the clock. This vehicle has power tilt and 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 the memory contents. So when the work is finished, it will be necessary to explain this fact tot the customer, and ask the customer to adjust the features and reset the memory. To avoid erasing the memory in each memory system, never use a back-up power supply from outside the vehicle.
- Before repairs, remove the airbag sensor if shocks are likely to be applied to the sensor during repairs.
- Do not expose the steering wheel pad, front passenger airbag assembly, side airbag assembly, curtain shield airbag assembly, seat belt pretensioner, front airbag sensor assembly, airbag sensor assembly or side airbag sensor assembly directly to hot air or flames.
- Even in cases of a minor collision where the SRS does not deploy, the steering wheel pad, front passenger airbag assembly, side airbag assembly, curtain shield airbag assembly, seat belt pretensioner, front airbag sensor assembly, airbag sensor assembly and side airbag sensor assembly should be inspected.
- Never use SRS parts from another vehicle. When replacing parts, replace them with new parts.
- Never disassemble and repair the steering wheel pad, front passenger airbag assembly, side airbag assembly, curtain shield airbag assembly, seat belt pretensioner, front airbag sensor assembly, airbag sensor assembly or side airbag sensor assembly in order to reuse it.
- If the steering wheel pad, front passenger airbag assembly, side airbag assembly, curtain shield airbag assembly, seat belt pretensioner, front airbag sensor assembly, airbag sensor assembly or side airbag sensor assembly has been dropped, or if there are cracks, dents or other defects in the case, bracket or connector, replace them with new ones.
- Use a volt/ohmmeter with high impedance (10 kΩ/V minimum) for troubleshooting the system's electrical circuits.
- Information labels are attached to the periphery of the SRS components. Follow the instructions on the notices.
- After work on the SRS is completed, perform the SRS warning light check.
- If the vehicle is equipped with a mobile communication system, refer to the precaution in the IN section of the Repair Manual.


S18
Side Airbag Sensor Rear LH
S19
Side Airbag Sensor Rear RH
C16
Curtain Shield
Airbag Squib LH
C17
Curtain Shield
Airbag Squib RH
S26
Side Airbag Squib LH
CSL+ CSL- VUCL ESCL
CSR+ CSR- VUCR ESCR
SFL+ SFL-
L-Y LG-B R G
L-W LG-B L-B GR-R
Y-V Y-O
Y-V Y-O
Y-R Y-G
A30(A), A31(B), A32(C), A33(D), A34(E)
Airbag Sensor Assembly
E1 GSW2 D- D+ D2+ D2- P+ P- P2+ P2- E2 PL+ PL- PR+ PR-
W-B
L
IL1
Y Y-B Y-V Y-O
Y-R Y-G Y-GR Y-P
W-B
Y-B Y Y-B Y
(*1)
(*2)
F/PS
E 8
Engine Control
Module
A36
Airbag Squib
(Steering Wheel Pad)
A35
Airbag Squib
(Front Passenger
Airbag Assembly)
P16
Pretensioner LH
P17
Pretensioner RH
IJ
IH


From Power Source System (See Page 58)
* 1 : w/ Side Airbag
* 2 : w/o Side Airbag
10A
SRS
20
1L
B-O
D 1
Data Link Connector 3
SIL
TC
7
13
R-Y
P-L
G
H
J18
Junction
Connector
S27
Side Airbag Squib RH
SFR+
SFR-
1
2
Y-R
Y-G
A
3A
C
3C
B-Y
L-Y
B
G-Y
G-W
R-B
14
19
4
3
8
11
3
(*1)
(*2)
5
6
12
19
5
3
6
SFR+
SFR-
SIL
TC
IG2
LA
RMIL
RBE+
LBE+
LSP+
LSP-
A30(A), A31(B), A32(C), A33(D), A34(E)
Airbag Sensor Assembly
+SL
- SL
+SR
- SR
RMSW
SSL+
SSL-
VUPL
ESL
SSR+
SSR-
VUPR
ESR
15
26
9
20
21
17
16
18
W-R
BR
B-W
BR-W
B-R
L-W
LG-B
P-L
GR-L
L-Y
LG
P
GR
2
1
IC1
IN2
IL1
3
4
C18
Curtain Airbag
Cutoff SW
W-B
J14(A), J15(B)
Junction
Connector
J 5
Junction
Connector
IG
A14
Airbag Sensor
Front LH
A15
Airbag Sensor
Front RH
S16
Side Airbag Sensor Front LH
S17
Side Airbag Sensor Front RH


From Power Source System (See Page 58)
7. 5A
GAUGE
4 1G
B- Y
L- Y
B
G- Y
G- W
R- B
R- B
G- W
G- Y
B
B- Y
R- L
5
6
1
4
2 C
15 C
B13
Buckle SW RH
3
RSCA OFF
SRS
C 8(A), C10(C)
Combination Meter
B12
Buckle SW LH
Seat Position Airbag
Sensor
4
10 A
13 C
L- Y
W- B
W- B
BR
7 IM1
BR
BL
BM
EF

System Outline

* The SRS airbag are provided for the driver and front passenger. The SRS airbags have been designed to help reducing the shocks to the heads and chests of the driver and front passenger in the event of a severe frontal impact collision as supplements to the seat belts.
  This system is a 3-sensor type airbag system to detect the impact during a front collision using the center airbag sensor assembly and airbag sensor front LH, RH, and to make the airbag system and pretensioner operate as well.
* In this system, a front side collision is detected by the side airbag sensor front LH, RH in order to simultaneously deploy the side and curtain shield airbags. A rear side collision is detected by the side airbag sensor rear LH, RH in order to deploy only the curtain shield airbag.
* Roll sensing of curtain shield airbags control has been adopted in order to deploy the curtain shield airbags and the pretensioners for the driver and front passenger, in the event that the vehicle rolls over.
  A roll sensing of curtain shield airbags cutoff SW is provided on the driver side of the instrument panel to enable the driver to disable this system.
* Dual-stage SRS airbags system, that controls the airbag inflating output optimum by judging the extent of impact and seat position (Driver seat), has been used for the driver and front passenger airbags.
* In accordance with the adoption of the dual-stage SRS airbag system, a seat position sensor has been established for the driver seat.
* This system has adopted a fuel cut control that stops the fuel pump when the airbag is deployed.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A14	32 (2UZ-FE)	B12	42	J15 B	38
	34 (1GR-FE)	B13	42	J18	38
A15	32 (2UZ-FE)	C8 A	37	P16	41
	34 (1GR-FE)	C10 C	37	P17	41
A30 A	36	C16	40	S16	41
A31 B	36	C17	40	S17	41
A32 C	36	C18	37	S18	41
A33 D	36	D1	37	S19	41
A34 E	36	E8	37	S26	42
A35	36	J5	38	S27	42
A36	36	J14 A	38		

⬭ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1G	25	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1L		
3A	28	Instrument Panel Wire and Center J/B (Instrument Panel Brace RH)
3C		

▭ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	48	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
IL1	50	Instrument Panel Wire and Instrument Panel Wire (Right Upper Side of the Glove Box)
IM1	52	Engine Wire and Instrument Panel Wire (Right Side of Blower Unit)
IN2	52	Instrument Panel Wire and Engine Room Main Wire (Right Kick Panel)

▽ : **Ground Points**

Code	See Page	Ground Points Location
EF	44 (2UZ-FE) 46 (1GR-FE)	Rear Side of Left Bank Cylinder Block
IG	48	Left Kick Panel
IH	48	Instrument Panel Brace LH
IJ	48	Instrument Panel Brace RH
BL	54	Floor Seat Crossmember LH
BM	54	Floor Seat Crossmember RH