

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 to 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, 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, 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, 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, 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 k Ω /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.

SRS (RHD)

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 MPX-IG fuse flows to TERMINAL (B) 6 of the airbag sensor assembly, and from the IG2 fuse 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 MPX-IG or IG2 fuse flows to TERMINALS (B) 14, (B) 10, (B) 8, (A) 8, (C) 9, (A) 5 and (C) 12 of the airbag sensor assembly to the airbag squibs and the pretensioners to TERMINALS (B) 13, (B) 11, (B) 7, (A) 7, (C) 10, (A) 6 and (C) 11 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.

Moreover, the airbag sensor assembly detects whether the front passenger is seated or not and when not seated, the passenger's air bag will not be deployed.

When the side impact also exceeds a set level, the current from the MPX-IG or IG2 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 airbag squibs to 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 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.

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
A10	126 (RHD)	C18	134 (RHD)	P19	136 (RHD)
A11	126 (RHD)	C19	134 (RHD)	P20	136 (RHD)
A14	130 (RHD)	D1	131 (RHD)	P21	136 (RHD)
A26	A 130 (RHD)	D2	A 131 (RHD)	S13	133 (RHD)
A27	B 130 (RHD)	D3	B 131 (RHD)	S28	137 (RHD)
A28	C 130 (RHD)	E3	126 (RHD)	S29	137 (RHD)
A29	130 (RHD)	G1	131 (RHD)	S30	137 (RHD)
A30	130 (RHD)	J11	131 (RHD)	S31	137 (RHD)
B4	138 (RHD)	J13	131 (RHD)	S42	138 (RHD)
B5	138 (RHD)	J14	131 (RHD)	S43	138 (RHD)
C6	130 (RHD)	P3	A 132 (RHD)		
C12	130 (RHD)	P18	136 (RHD)		

○ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	82	Engine Room No.2 R/B (Engine Compartment Left)

○ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
DE	100 (RHD)	Instrument Panel Wire and Driver Side J/B (Right Kick Panel)
DF		
DG		
DH		
PE	105 (RHD)	Instrument Panel Wire and Passenger Side J/B (Left Kick Panel)
PF		
PG		
PH		
PJ	107 (RHD)	Floor No.2 Wire and Passenger Side J/B (Left Kick Panel)

 : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC1	154 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Cowl Side Panel LH)
IC3		
IC4		
IH1	156 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Cowl Side Panel RH)
BG1	160 (RHD)	Floor Wire and Front Seat RH Wire (Under the Driver's Seat)

 : GROUND POINTS

Code	See Page	Ground Points Location
IG	154 (RHD)	Cowl Side Panel LH
IH	154 (RHD)	Left Side of Shift Lever
II		
IK	154 (RHD)	Right Side of Instrument Panel
IR	154 (RHD)	Under the Driver's Seat