

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. 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 $\Omega$ /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 (LHD)

## 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, current from the SRS-IG and IGN fuse flows to TERMINALS (B) 6 and (B) 5 of the airbag sensor assembly.

If an accident occurs while driving, when the frontal impact exceeds a set level, current from the SRS-IG or IGN fuse flows to TERMINALS (B) 14, (B) 10, (A) 2 and (C) 5 of the airbag sensor assembly to TERMINAL 1 of the airbag squibs and TERMINAL 1 of the pretensioners to TERMINAL 2 of the airbag squibs and TERMINAL 2 of the pretensioners to TERMINALS (B) 13, (B) 11, (A) 1 and (C) 6 of the airbag sensor assembly to TERMINALS (B) 28, (B) 27 or BODY GROUND to GROUND, so that current flows to the front airbag squibs and the pretensioners and causes them to operate.

When the side impact also exceeds a set level, the current from the SRS-IG or IGN fuse flows to TERMINALS (A) 6, (C) 1, (A) 3 and (C) 4 of the airbag sensor assembly to the side airbag squibs and the curtain airbag squibs to TERMINALS (A) 5, (C) 2, (A) 4 and (C) 3 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 driver and front passenger 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	
A6		32 (LHD 1AZ–FE)		C9	B	36 (LHD)		J16		38 (LHD)	
		34 (LHD 1CD–FTV)		C13		40 (LHD)		P15		41 (LHD)	
A7		32 (LHD 1AZ–FE)		C14		40 (LHD)		P16		41 (LHD)	
		34 (LHD 1CD–FTV)		D6		37 (LHD)		S16	A	39 (LHD)	
A20	A	36 (LHD)		E7		37 (LHD)		S36		39 (LHD)	
A21	B	36 (LHD)		F19		37 (LHD)		S37		39 (LHD)	
A22	C	36 (LHD)		J5	A	38 (LHD)		S39		41 (LHD)	
A23		36 (LHD)		J6	B	38 (LHD)		S40		41 (LHD)	
A24		36 (LHD)		J13	A	38 (LHD)		S43	A	39 (LHD)	
C8	A	36 (LHD)		J14	B	38 (LHD)		S44	B	39 (LHD)	

## ○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
IA	24 (LHD)	Instrument Panel J/B and Instrument Panel Wire (Lower Finish Panel)
IB		
ID		
IJ		

## □ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	56 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Upper Part of Front Body Pillar LH)

## ▽ : Ground Points

Code	See Page	Ground Points Location
IA	56 (LHD)	Left Kick Panel