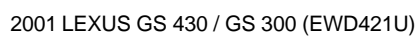
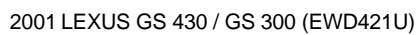
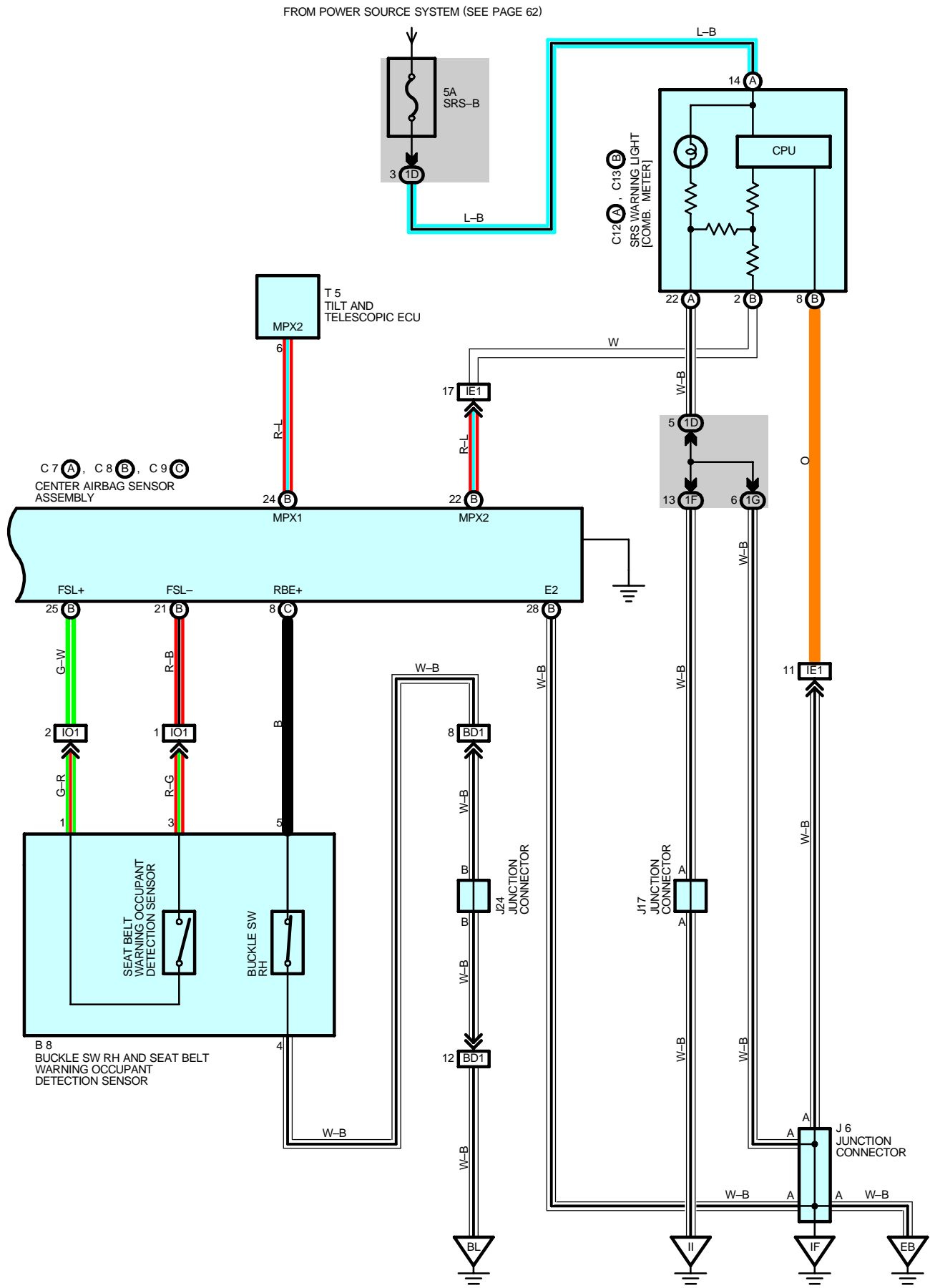


NOTICE: When inspecting or repairing the SRS, perform the operation in accordance with the following precautionary instructions and the procedure and precautions in the Repair Manual for the applicable model year.

- 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, seat belt pretensioner, center airbag sensor assembly, front airbag sensor assembly, side airbag sensor assembly or curtain shield airbag 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, seat belt pretensioner, center airbag sensor assembly, front airbag sensor assembly, side airbag sensor assembly and curtain shield airbag 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, seat belt pretensioner, center airbag sensor assembly, front airbag sensor assembly, side airbag sensor assembly or curtain shield airbag assembly in order to reuse it.
- If the steering wheel pad, front passenger airbag assembly, side airbag assembly, seat belt pretensioner, center airbag sensor assembly, front airbag sensor assembly, side airbag sensor assembly or curtain shield airbag 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.







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 GAUGE fuse flows to TERMINAL (B) 6, IGN fuse to TERMINAL (B) 5 of the center airbag sensor assembly.

If an accident occurs while driving, when the frontal impact exceeds a set level, the current from the GAUGE or IGN fuse flows to TERMINALS (B) 14, (B) 10, (C) 5 and (A) 2 of the center airbag sensor assembly to TERMINAL 1 of the airbag squibs and the pretensioners to TERMINAL 2 to TERMINALS (B) 13, (B) 11, (C) 6 and (A) 1 of the center 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 GAUGE or IGN fuse flows to TERMINALS (C) 1, (A) 6, (C) 5, (A) 2, (A) 4 and (C) 3 of the center airbag sensor assembly to TERMINAL 1 of the side airbag squibs, the pretensioners and curtain shield airbag squibs to TERMINAL 2 to TERMINALS (C) 2, (A) 5, (C) 6, (A) 1, (A) 3 and (C) 4 of the center airbag sensor assembly to TERMINAL (B) 27, (B) 28 or BODY GROUND to GROUND, causing side airbag squibs and the pretensioners 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 and curtain shield airbags are instantaneously expanded to soften the shock of side to the driver and front passenger.

The pretensioners make sure of the seat belt restrainability.

: PARTS LOCATION

Code		See Page		Code		See Page		Code		See Page	
A11		38 (3UZ–FE)		C9	C	42		J24	46		
		40 (2JZ–GE)		C12	A	42		P14	45		
A12		38 (3UZ–FE)		C13	B	42		P15	45		
		40 (2JZ–GE)		C21		42		S12	45		
A28		42		C22		42		S13	45		
A29		42		D4		42		S23	46		
B8		46		J6		43		S24	46		
C7	A	42		J9		43		T5	43		
C8	B	42		J17		43					

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1D	28	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
1F	28	Cowl Wire and Driver Side J/B (Left Kick Panel)
1G		
1H	29	
1N		

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	52	Instrument Panel Wire and Cowl Wire (Left Side of the Steering Column)
IF1	52	Cowl Wire and Cowl Wire (Right Side of the Steering Column)
II3	52	Engine Room Main Wire and Cowl Wire (Near the Passenger Side R/B)
IN1	54	Floor No.2 Wire and Curtain Shield Airbag No.1 Wire (Near the Driver Side J/B)
IO1	54	Cowl Wire and Floor No.1 Wire (Front LH Side of the Shift Lever)
IQ1	54	Floor No.1 Wire and Curtain Shield Airbag No.2 Wire (Near the Passenger Side R/B)
BD1	58	Floor No.1 Wire and Front Seat RH Wire (Under the Front Passenger's Seat)



: GROUND POINTS

Code	See Page	Ground Points Location
EB	48 (3UZ-FE)	Left Fender
	50 (2JZ-GE)	
IF	52	Left Kick Panel
IG	52	Left Side of the Cowl Panel
II	52	Right Side of the Cowl Panel
BL	56	Rear Floor Partition Panel RH

