

SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

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SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Dash Fuse Box	Behind left dash side trim panel 55
Data Link Connector (DLC)	
C63 (16-BLK)	Left I/P lower cover, behind access cover 47
Driver's Inflator Module	In steering wheel
Driver's Seat Belt Switch	In left front seat belt buckle
Passenger's Inflator Module	Behind right side of I/P 99
SRS Coil Assembly	Top of steering column 46
SRS Fuse Box	On top of dash fuse box 68
SRS Unit	Behind front console 61
Connector	
B-24 (3-BLK)	Below driver's seat 104
H-25 (22-BLU)	Below I/P, above left dash side trim panel, on bracket 71
H-49 (4-WHT)	On top of dash fuse box 68
H-51 (2-WHT)	Below I/P, above left dash side trim panel, on bracket 69
H-52 (2-YEL)	Below I/P, above left dash side trim panel, on bracket 69
I-9 (30-GRN)	On left top of meter assembly 53
U-1 (2-YEL)	Above glove box 99
U-6 (2-YEL)	Below I/P, right of steering column 58
U-9 (2-YEL)	Inside steering wheel
Ground	
B-26	Below rear of center console 67
U-2	Behind front console 61

Circuit Operation

The SRS consists of the SRS unit, the driver air bag assembly, the SRS coil assembly, the passenger air bag assembly and the "AIR BAG" warning light in the meter assembly. The SRS unit, SRS coil assembly (driver side only), driver air bag assembly, passenger air bag assembly and connector wire make up the deployment loops. The function of the deployment loops is to supply current through air bag assembly, which will cause deployment of the air bags in the event of a frontal crash of sufficient force, up to 30 degrees off the centerline of the vehicle. The air bag assemblies are only supplied enough current to deploy when the SRS unit detects vehicle velocity changes severe enough to warrant deployment.

The SRS unit contains a sensing device which converts vehicle velocity change to an electrical signal. The electrical signal generated is processed by the SRS unit and then compared to a value stored in memory. When the generated signal exceeds the stored value, the SRS unit will cause current to flow through the air bag assembly deploying the air bags.

Refer to Section 9J of the Workshop Manual for further supplemental restraint system diagnosis.