

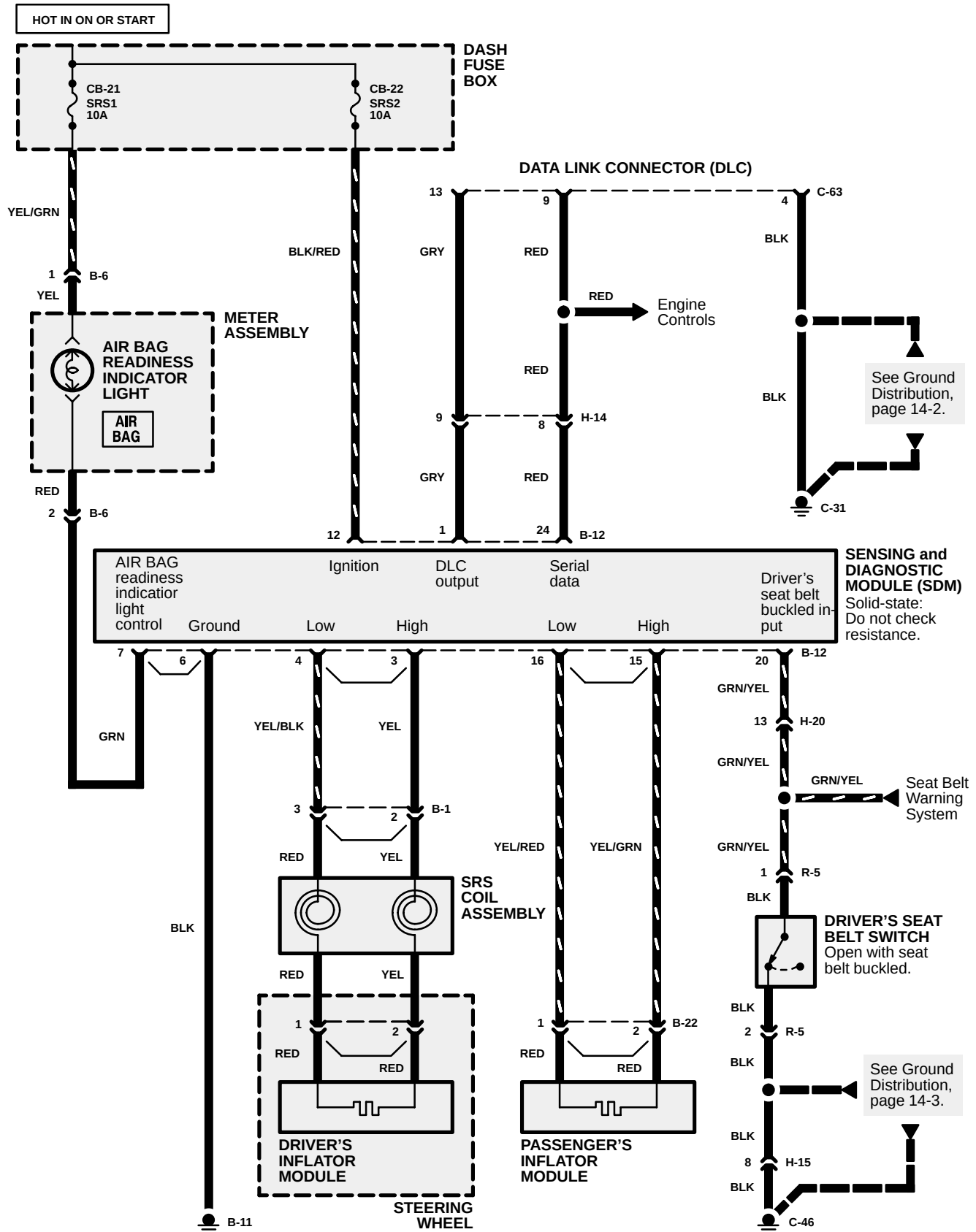
SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

Component Index

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SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

Circuit Schematic



SUPPLEMENTAL RESTRAINT SYSTEM (SRS)

Component Location Index

(Refer to Section 201 for photographs.)

Component	Photo No.
Dash Fuse Box	Behind left I/P side trim panel 36
Data Link Connector (DLC)	
C-63	Below left side of I/P, near engine hood release 38
Driver's Inflator Module	In steering wheel 48
Passenger's Inflator Module	On right side of I/P 54
Sensing and Diagnostic	
Module (SDM)	Below center of I/P 54
SRS Coil Assembly	Top of steering column, below steering wheel
Connector	
B-1 (3-YEL)	Behind left lower I/P panel, above dash fuse box 37
B-6 (2-YEL)	Behind left side of I/P, on rear of meter assembly 49
B-22 (2-YEL)	Above glove box 54
H-14 (22-BLU)	Behind left side of I/P, above left kick panel on bracket 42
H-15 (18-BLK)	Behind left side of I/P, above left kick panel on bracket 42
H-20 (15-WHT)	Behind left side of I/P, above left kick panel on bracket 42
R-5 (2-BLK/WHT)	Under driver seat 65
Ground	
B-11	Below right side of front console 54
C-46	Behind left kick panel 40

Circuit Operation

The Supplemental Restraint System (SRS) consists of the Sensing and Diagnostic Module (SDM), the driver's inflator module, the SRS coil assembly, the passenger's inflator module, and the AIR BAG readiness indicator light in the meter assembly. The SDM, SRS coil assembly (driver side only), driver's inflator module, passenger's inflator module, and connector wire make up the deployment loops. The function of the deployment loops is to supply current through the inflator modules, which will cause deployment of the air bags in the event of a frontal crash of sufficient force, up to 30 degrees of the centerline of the vehicle. The inflator modules are only supplied enough current to deploy when the SDM detects vehicle velocity changes that are severe enough to warrant deployment.

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