

AIR BAG RESTRAINT SYSTEM

Article Text

1993 Honda Prelude

For Cadi Centre Nsk CA 95051

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ARTICLE BEGINNING

1993 ACCESSORIES/SAFETY EQUIPMENT

Honda Air Bags

Accord, Civic, Civic Del Sol, Prelude

*** PLEASE READ THIS FIRST ***

WARNING: To avoid injury from accidental air bag deployment, read and carefully follow all WARNINGS and SERVICE PRECAUTIONS.

DESCRIPTION & OPERATION

NOTE: Outer insulation on SRS wiring harness is Yellow.

The Supplemental Restraint System (SRS) activates when the vehicle receives a sufficient front-end impact. System is composed of SRS control unit, driver-side air bag assembly, passenger-side air bag assembly (if equipped), left and right dash sensors, cowl sensor(s) inside SRS control unit, and cable reel. See Figs. 14-17. If vehicle battery voltage is low or lost, back-up power unit inside SRS control unit will activate SRS. For air bags to deploy, cowl sensor and at least one front sensor must input a signal to the SRS control unit.

SYSTEM OPERATION CHECK

When ignition is turned on, SRS indicator light will glow for about 6 seconds and then go off. If indicator does not glow, does not go off after about 6 seconds or glows while driving, system must be inspected as soon as possible. See DIAGNOSIS & TESTING.

SERVICE PRECAUTIONS

NOTE: On models with theft protection system, obtain 5-digit stereo security code from vehicle owner before disconnecting battery cable.

Observe these precautions when working with air bag systems:

- * Disable SRS before servicing any SRS or steering column component. Failure to do this could result in accidental air bag deployment and possible personal injury. See DISABLING & ACTIVATING AIR BAG SYSTEM.
- * After an accident, all SRS components, including harness and brackets, must be inspected. If any components are damaged or

bent, they must be replaced, even if a deployment did not occur. Check steering column, knee bolster, instrument panel steering column reinforcement plate and lower brace for damage. DO NOT service any component or wiring. If components or wiring are damaged or defective, replacement is necessary. DO NOT use components from another vehicle. Only use new replacement parts.

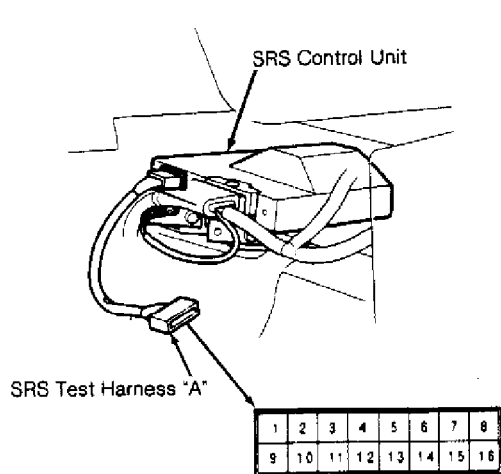
- * After repairs, turn ignition on while ensuring any accidental air bag deployment will not cause injury. Ensure SRS indicator light is working properly and no system faults are indicated. See SYSTEM OPERATION CHECK.
- * Always wear safety glasses when servicing or handling an air bag.
- * Air bag module must be stored in its original special container until used for service. It must be stored in a clean, dry place, away from sources of extreme heat, sparks and high electrical energy.
- * When placing a live air bag module on a bench or other surface, always face air bag and trim cover up, away from surface. This will reduce motion of module if it is accidentally deployed.
- * After deployment, air bag surface may contain deposits of sodium hydroxide, which can irritate skin. Always wear safety glasses, rubber gloves and long-sleeved shirt during clean-up, and wash hands using mild soap and water. Follow correct disposal procedures. See DISPOSAL PROCEDURES.
- * NEVER allow any electrical source near inflator on back of air bag module.
- * When carrying a live air bag module, trim cover should be pointed away from your body to minimize injury in case of deployment.
- * DO NOT probe a wire through insulator; this will damage wire and eventually cause failure due to corrosion.
- * When performing electrical tests, always use SRS test harnesses recommended by manufacturer. See SPECIAL TOOLS. DO NOT use test probes directly on component connector pins or wires.
- * When installing SRS wiring harnesses, ensure they will not be pinched or interfere with other vehicle components.
- * Inspect all ground connections. Ensure they are clean and tight.
- * DO not use any type of electrical equipment not specified by manufacturer. See SPECIAL TOOLS.
- * If SRS is not fully functional for any reason, vehicle should not be driven until system is repaired. DO NOT remove any component or in any way disable system from operating normally. If SRS is not functional, park vehicle until repairs can be made.

SPECIAL TOOLS

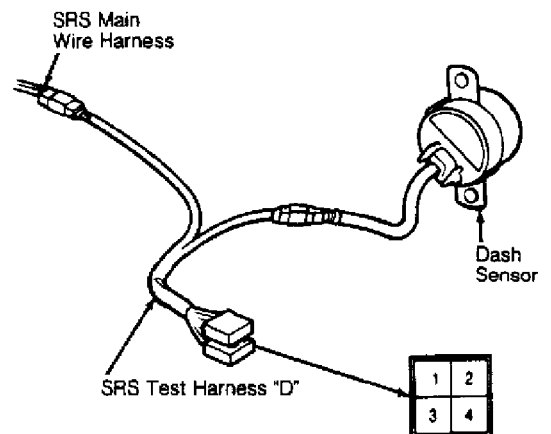
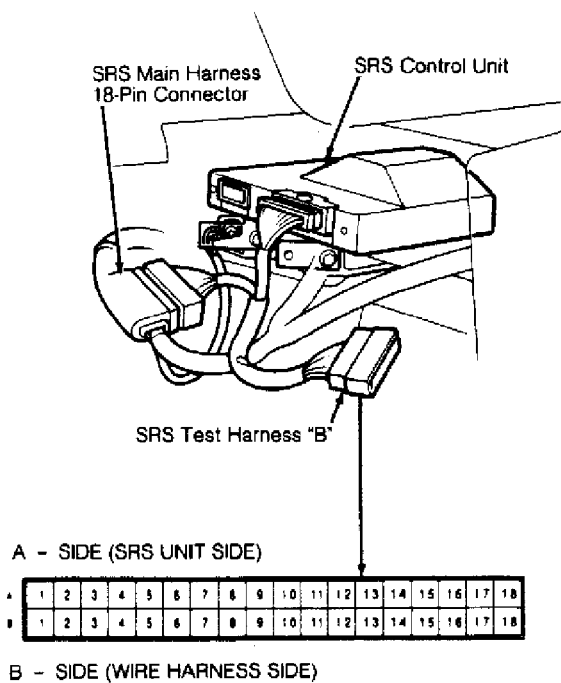
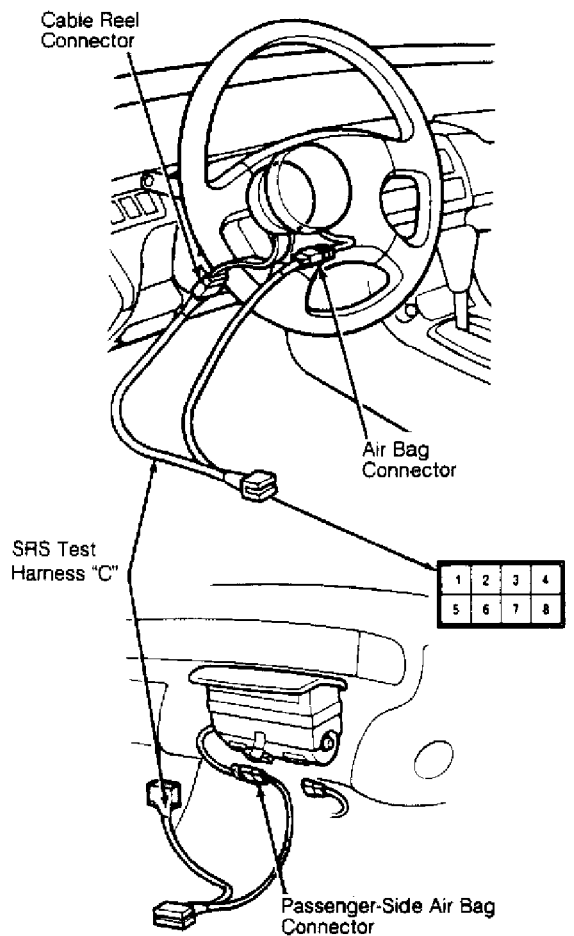
To prevent air bag deployment when working on SRS, use recommended tools. See SRS RECOMMENDED TOOLS table. See Fig. 1.

SRS RECOMMENDED TOOLS

AA	
Tool Name	Tool Number
Deployment Tool	07HAZ-SG00500
Digital Multimeter	KS-AHM-32-003
SRS Test Harness "A"	07MAZ-SL00500
SRS Test Harness "B"	07MAZ-SP00500
SRS Test Harness "C"	07LAZ-SL40300
SRS Test Harness "D"	07LAZ-SL40400
AA	



AIR BAG RE!



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Fig. 1: SRS Test Harness ID (Prelude Shown; Other Models Are Similar)
Courtesy of American Honda Motor Co., Inc.

DISABLING & ACTIVATING AIR BAG SYSTEM

* PLEASE READ THIS FIRST *

NOTE: On models with theft protection system, obtain 5-digit stereo security code from vehicle owner before disconnecting battery cable.

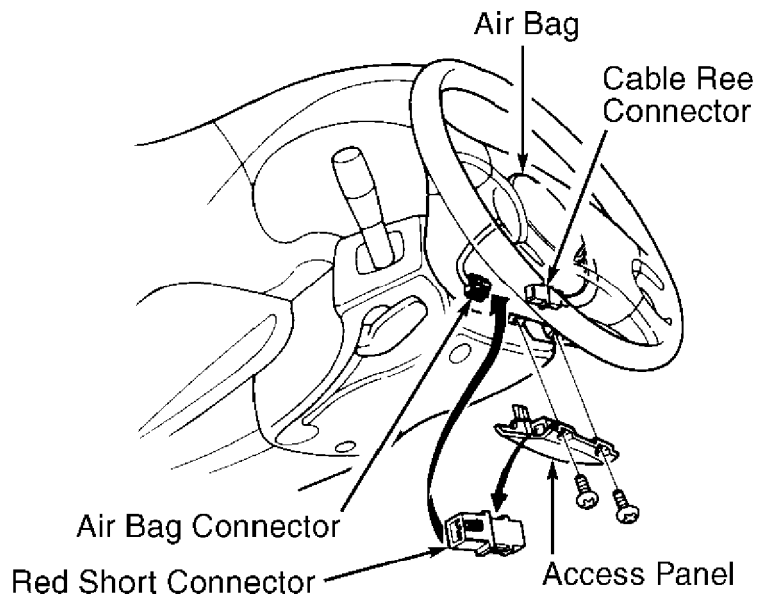
DISABLING AIR BAG SYSTEM

Driver-Side Air Bag

Disconnect both battery cables. Remove access panel from steering wheel. See Fig. 2. Remove Red short connector, located on inside of access panel. Disconnect air bag connector from cable reel connector. Connect Red short connector to air bag connector.

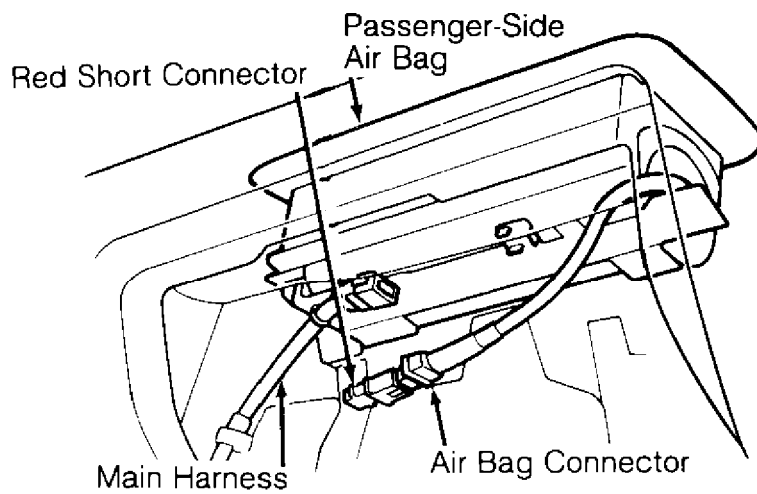
Passenger-Side Air Bag

Disable driver-side air bag. Open glove box (remove it on Accord and Civic). Disconnect air bag connector from main harness connector. See Figs. 3-5. Connect Red short connector to air bag connector.



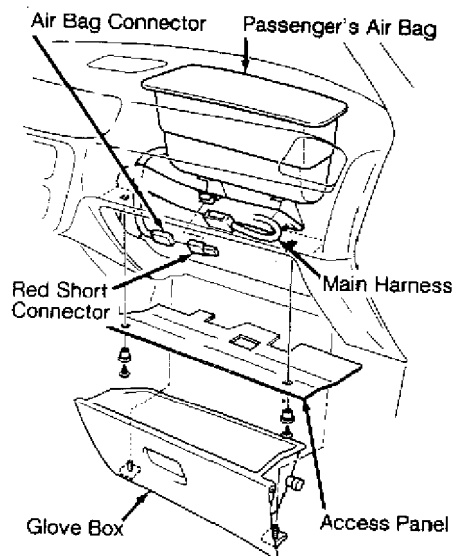
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Fig. 2: Connecting Red Short Connector At Driver-Side Air Bag
Courtesy of American Honda Motor Co., Inc.



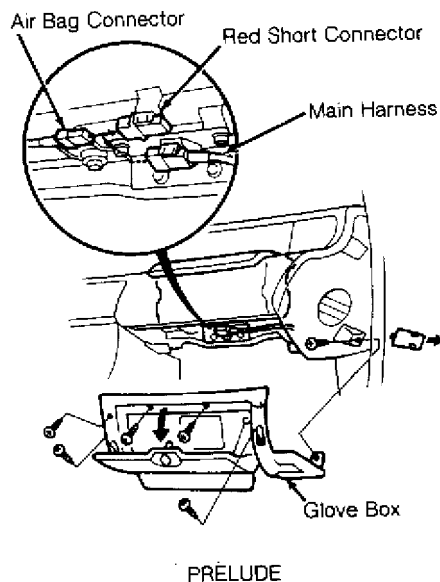
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Fig. 3: Connecting Red Short Conn. At Passenger-Side Air Bag (Accord)
 Courtesy of American Honda Motor Co., Inc.



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Fig. 4: Connecting Red Short Conn. At Passenger-Side Air Bag (Civic)
 Courtesy of American Honda Motor Co., Inc.



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Fig. 5: Connecting Red Short Conn. At Pass. Side Air Bag (Prelude)
 Courtesy of American Honda Motor Co., Inc.

ACTIVATING AIR BAG SYSTEM

Remove Red short connector(s) that were installed at air bag(s) during disabling procedure. Reconnect air bag connector to cable reel connector and/or main harness connector. Return Red short connector to storage location. Check AIR BAG indicator light to ensure system is functioning properly. See SYSTEM OPERATION CHECK.

DISPOSAL PROCEDURES

DEPLOYED AIR BAG

Wrap deployed air bag assembly in a sturdy plastic bag and dispose of as any other part. Wear gloves and safety glasses when handling deployed air bag module.

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WARNING: Disposing of an undeployed air bag may violate federal, state and/or local laws. Undeployed air bag assemblies contain substances which can cause illness or injury if handled improperly. When scrapping a vehicle, air bag must be deployed while mounted in vehicle. Wear safety glasses and gloves when handling air bag.

On-Vehicle (Scrapped Vehicle)

- 1) Before proceeding, see SERVICE PRECAUTIONS. Ensure air bag

assembly is securely mounted.

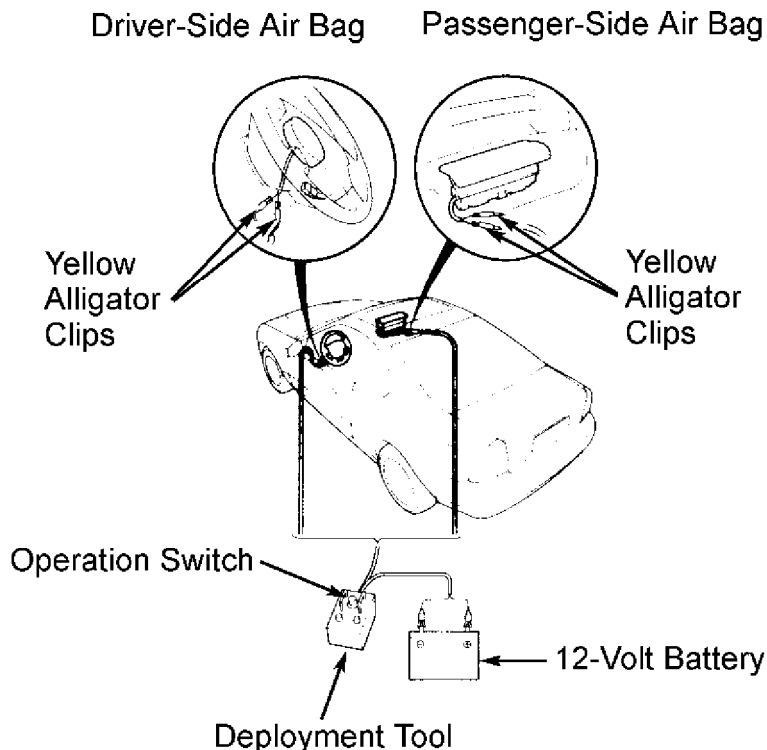
2) Disconnect battery cables. Follow procedure outlined on Deployment Tool (07HAZ-SG00500) to ensure it operates properly.

3) For driver-side air bag, remove access panel from steering wheel. See Fig. 2. Disconnect air bag connector from cable reel connector. For passenger-side air bag, open glove box (remove glove box on Accord and Civic). Disconnect air bag connector from main harness connector. See Figs. 3-5.

4) For all air bags, cut off air bag connector. Strip back wiring insulation about 1.00" (25.4 mm). Connect deployment tool's Yellow alligator clips to wire ends. See Fig. 6. Move deployment tool 30 feet away from air bag unit. Connect a 12-volt battery to deployment tool.

5) If Green light on tool glows, air bag ignitor circuit is defective and air bag cannot be deployed. In this case, return air bag unit to manufacturer in Honda-approved packaging.

6) If Red light glows, air bag is ready to be deployed. Depress deployment switch on tool to deploy air bag. Air bag may be too hot to touch for as long as 30 minutes after deployment. If air bag does not deploy, return air bag unit to manufacturer in Honda-approved packaging.



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Fig. 6: Deploying Air Bag Module In Vehicle (Accord Shown; Others are Similar)

Courtesy of American Honda Motor Co., Inc.

AIR BAG

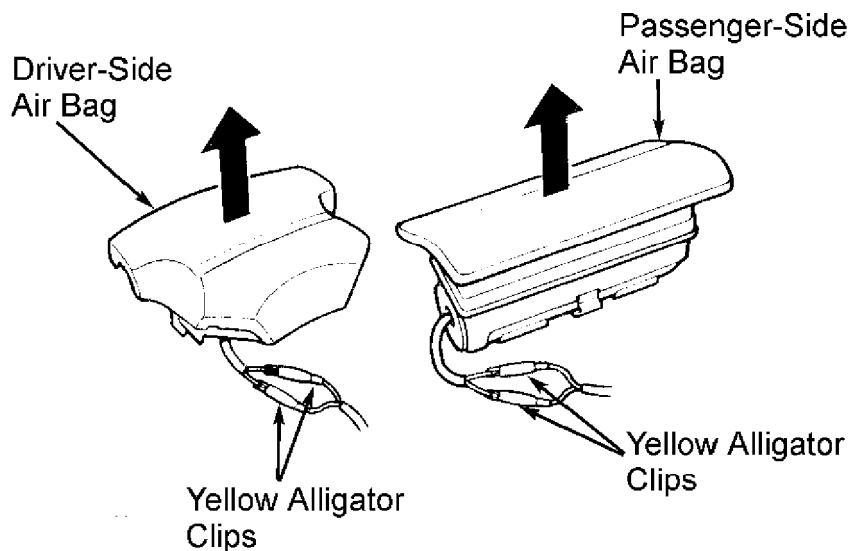
Off-Vehicle

1) Before proceeding, see SERVICE PRECAUTIONS. Remove air bag assembly. Position air bag assembly face up, outdoors, on a flat surface at least 30 feet from any obstacles or people. Ensure Deployment Tool (07HAZ-SG00500) operates properly by following procedure outlined on tool. Disconnect Red short connector from air bag harness.

2) Cut off air bag connector. Strip back wiring insulation about 1.00" (25.4 mm). Connect deployment tool's Yellow alligator clips to wire ends. See Fig. 7. Move deployment tool 30 feet away from air bag unit. Connect a 12-volt battery to deployment tool.

3) If Green light on tool glows, air bag ignitor circuit is defective and air bag cannot be deployed. In this case, return air bag unit to manufacturer in Honda-approved packaging.

4) If Red light glows, air bag is ready to be deployed. Depress deployment switch on tool to deploy air bag. Air may be too hot to touch for as long as 30 minutes after deployment. If air bag does not deploy, return air bag unit to manufacturer in Honda-approved packaging.



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Fig. 7: Deploying Air Bag Module Out Of Vehicle
Courtesy of American Honda Motor Co., Inc.

POST-COLLISION INSPECTION

When a vehicle has been involved in a collision, certain components of the passive restraint system must be inspected or replaced. See PASSIVE RESTRAINT SYSTEM INSPECTION article in the GENERAL INFORMATION section for post-collision inspection information.

REMOVAL & INSTALLATION

* PLEASE READ THIS FIRST *

WARNING: Failure to follow air bag service precautions may result in air bag deployment and personal injury. See SERVICE PRECAUTIONS. After component replacement, ensure proper system operation. See SYSTEM OPERATION CHECK.

DRIVER-SIDE AIR BAG ASSEMBLY

NOTE: On models with theft protection system, obtain 5-digit stereo security code from vehicle owner before disconnecting battery cable.

Removal

Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM. Using a Torx T30 bit, remove bolts and air bag assembly.

Installation

To install, reverse removal procedure. Tighten air bag bolts to specification. See TORQUE SPECIFICATIONS table at the end of this article. Activate SRS. Check AIR BAG indicator light to ensure system is functioning properly. See SYSTEM OPERATION CHECK.

PASSENGER-SIDE AIR BAG ASSEMBLY

NOTE: On models with theft protection system, obtain 5-digit stereo security code from vehicle owner before disconnecting battery cable.

Removal

1) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM. Remove glove box.

2) On Prelude, remove tweeter (speaker) cover, visor and Black face panel from dashboard. On all models, remove air bag mounting nuts. Remove air bag assembly. See Figs. 8-10. Carefully lift air bag assembly out of dashboard.

Installation (Accord & Civic)

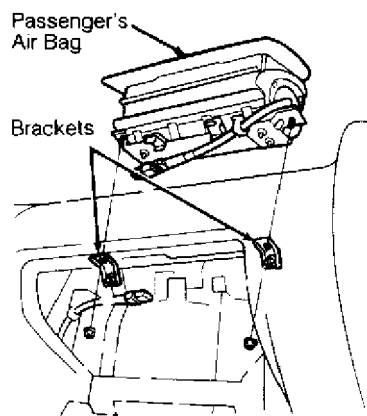
To install, reverse removal procedure. Tighten air bag bolts to specification. See TORQUE SPECIFICATIONS table at the end of this article. Activate SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM. Check AIR BAG indicator light to ensure system is functioning properly. See SYSTEM OPERATION CHECK.

AIR BAG

Installation (Prelude)

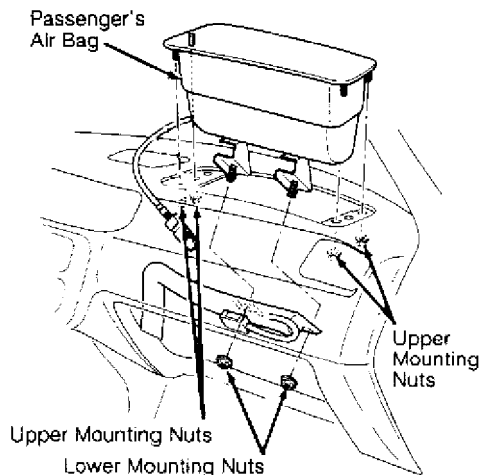
1) Place air bag assembly in dashboard. Loosen 2 "L" bracket nuts. See Fig. 10. While pressing air bag assembly downward, rotate adjusting nuts until they touch lower part of air bag assembly.

2) Tighten air bag bolts to specification. See TORQUE SPECIFICATIONS table at the end of this article. Tighten "L" bracket nuts to specification. Activate SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM. Ensure system is functioning properly. See SYSTEM OPERATION CHECK.



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Fig. 8: Removing/Installing Passenger-Side Air Bag (Accord)
Courtesy of American Honda Motor Co., Inc.



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Fig. 9: Removing/Installing Passenger-Side Air Bag (Civic)
Courtesy of American Honda Motor Co., Inc.

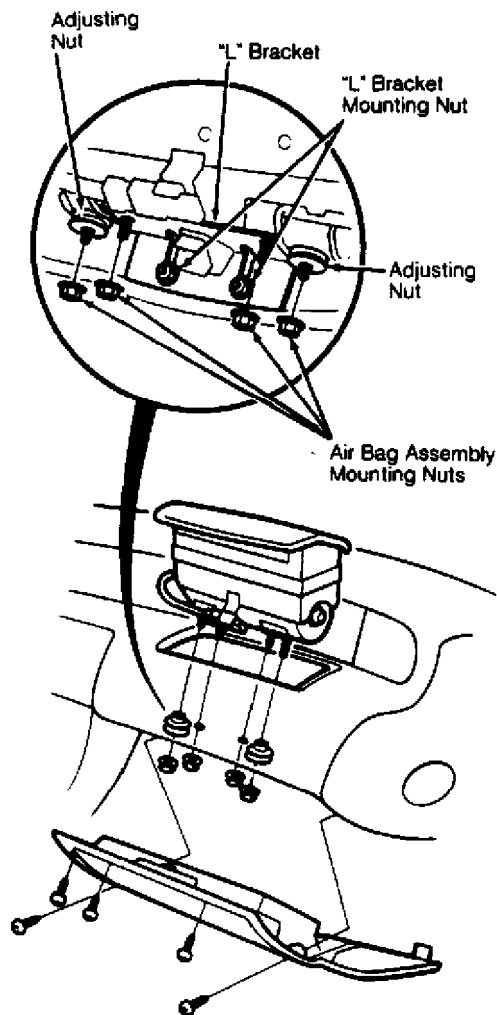


Fig. 10: Removing/Installing Passenger-Side Air Bag (Prelude)
Courtesy of American Honda Motor Co., Inc.

CABLE REEL

NOTE: On models with theft protection system, obtain 5-digit stereo security code from vehicle owner before disconnecting battery cable.

Removal

1) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM. Ensure front wheels are facing straight ahead.

2) Remove dashboard lower cover and knee bolster under steering column. On Prelude, remove air duct. On all models, disconnect cable reel & pin connector from SRS main harness at base of steering column. Remove connector holder.

3) Remove air bag assembly from steering wheel. See DRIVER-SIDE AIR BAG ASSEMBLY. Disconnect connectors from horn and cruise

control switches at steering wheel hub. Remove steering wheel nut. Mark steering wheel in relation to steering shaft. Remove steering wheel. Remove upper and lower column covers. See Fig. 11. Remove cable reel and cancel sleeve.

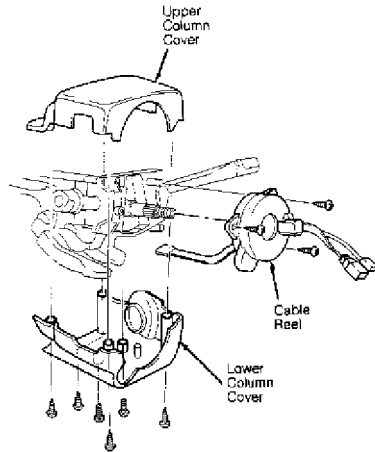


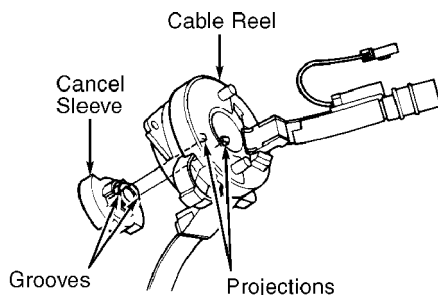
Fig. 11: Removing Steering Column Covers
Courtesy of American Honda Motor Co., Inc.

Installation

1) Align grooves in cancel sleeve with projections on cable reel. See Fig. 12. Install cancel sleeve and cable reel. Center cable reel. See CABLE REEL CENTERING under ADJUSTMENTS. Install column covers.

2) Install steering wheel. Reconnect electrical connectors. Install steering wheel nut. Tighten nut to specification. See TORQUE SPECIFICATIONS table at the end of this article. Install air bag assembly. Tighten bolts to specification.

3) To complete installation, reverse removal procedure. Activate SRS. Check AIR BAG indicator light to ensure system is functioning properly. See SYSTEM OPERATION CHECK.



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Fig. 12: Aligning Cable Reel & Cancel Sleeve (Typical)
Courtesy of American Honda Motor Co., Inc.

DASH SENSORS

NOTE: On models with theft protection system, obtain 5-digit stereo security code from vehicle owner before disconnecting battery cable.

Removal & Installation (Left)

1) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM. Dash sensor is located in left footwell. See Figs. 14-17.

2) On Accord, pull back carpeting. Remove steering joint cover at base of steering column. Pull back rubber floor pad. On Civic, Civic Del Sol and Prelude, remove footrest and door sill molding. Pull back carpeting. On all models, remove dash sensor protector and dash sensor.

3) To install, reverse removal procedure. Tighten dash sensor bolts to specification. See TORQUE SPECIFICATIONS table at the end of this article. Activate SRS. Ensure system is functioning properly. See SYSTEM OPERATION CHECK.

Removal & Installation (Right)

1) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM. Dash sensor is in right footwell. See Figs. 14-17.

2) Pull back carpeting. On Accord and Prelude, remove or reposition engine control unit (and automatic transmission control unit, if equipped) as necessary. On all models, disconnect dash sensor connector. Remove dash sensor protector. Remove dash sensor.

3) To install, reverse removal procedure. Tighten dash sensor bolts to specification. See TORQUE SPECIFICATIONS table at the end of this article. Activate SRS. Ensure system is functioning properly. See SYSTEM OPERATION CHECK.

SRS CONTROL UNIT

NOTE: On models with theft protection system, obtain 5-digit stereo security code from vehicle owner before disconnecting battery cable.

Removal (Accord)

1) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM.

2) SRS control unit is located under instrument panel, forward of center console. See Fig. 14. Pull down carpeting from both sides of center console. Remove harness protector bracket. Disconnect SRS control unit connector. Remove SRS control unit bolts. Remove SRS control unit through opening in passenger side of console.

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Removal (Civic, Civic Del Sol & Prelude)

1) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM.

2) SRS control unit is located under instrument panel, forward of center console. See Figs. 15-17. Remove covers from right and left sides of SRS control unit. Disconnect SRS control unit connector. Remove SRS control unit bolts. Remove SRS control unit through opening on left side of console.

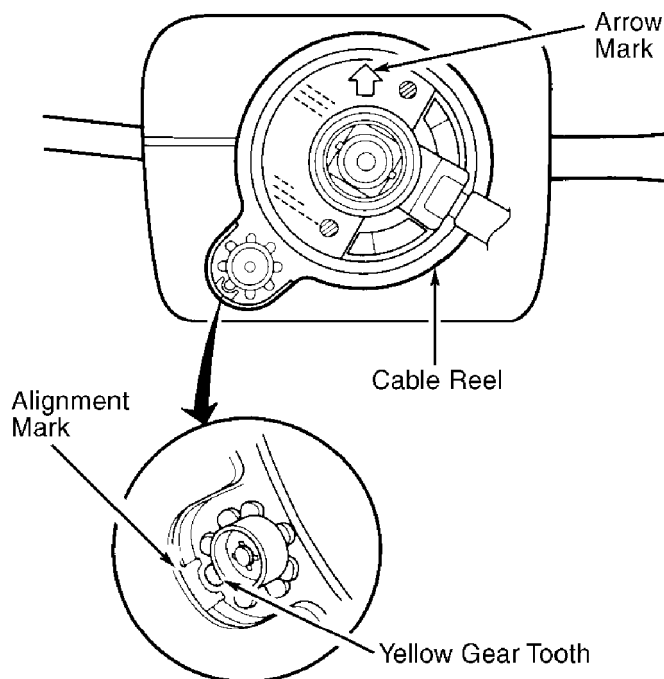
Installation (All Models)

To install, reverse removal procedure. Tighten SRS control unit bolts to specification. See TORQUE SPECIFICATIONS table at the end of this article. Activate SRS. Check AIR BAG indicator light to ensure system is functioning properly. See SYSTEM OPERATION CHECK.

ADJUSTMENTS

CABLE REEL CENTERING

After installing cable reel onto steering column shaft, rotate cable reel clockwise until it stops. Rotate cable reel counterclockwise about 2 turns until Yellow gear tooth lines up with mark on cover and arrow on cable reel label points straight up. See Fig. 13.



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Fig. 13: Centering Cable Reel

Courtesy of American Honda Motor Co., Inc.

WIRE REPAIR

DO NOT attempt to repair SRS wiring or harness connectors. If SRS wiring or harness connectors are faulty, replace faulty wiring harness.

DIAGNOSIS & TESTING

* PLEASE READ THIS FIRST *

WARNING: Failure to follow air bag service precautions may result in air bag deployment and personal injury. See SERVICE PRECAUTIONS. After component replacement, ensure proper system operation. See SYSTEM OPERATION CHECK.

SELF-DIAGNOSTIC SYSTEM

NOTE: On models with theft protection system, obtain 5-digit stereo security code from vehicle owner before disconnecting battery cable.

WARNING: Before proceeding with any testing procedure, check condition of all SRS connectors and ground points. When attaching SRS test harnesses, push connectors straight in until they are secure. See Fig. 1. DO NOT bend connector pins. Always use SRS test harnesses recommended by manufacturer. See SPECIAL TOOLS under SERVICE PRECAUTIONS. DO NOT connect test probes directly to component connector pins or wires, as damage may result. Unless otherwise stated, always keep Red short connector on air bag connector when harness is disconnected.

SRS includes a self-diagnostic function that checks system for faults in SRS components and related wiring. A fault is present if SRS indicator light on instrument cluster:

- * Continues to glow after ignition is turned on and more than 6 seconds have elapsed.
- * Glows or flashes while vehicle is driven.

If SRS indicator light does not glow at all when ignition is turned on, see SRS INDICATOR DOES NOT GLOW. If SRS indicator light continues to glow after ignition has been turned on and more than 6 seconds have elapsed, or if it glows or flashes while vehicle is driven, see SRS INDICATOR GLOWS CONTINUOUSLY. If SRS indicator light comes on and another part of electrical system has failed, check for damage at fuse block.

SRS INDICATOR DOES NOT GLOW

NOTE: To identify test harness connector terminals, see Fig. 1. To locate SRS wiring harness connectors, see Figs. 14-17. On models with theft protection system, obtain 5-digit stereo security code from vehicle owner before disconnecting battery cable.

1) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM.

2) Reconnect battery cables. Turn ignition on. If other indicator lights are inoperative, go to next step. If other indicator lights are okay, go to step 4).

3) Check SRS warning light fuse in fuse block behind left side of instrument panel. See SRS FUSE IDENTIFICATION table. Replace fuse if blown. If fuse is okay, repair open circuit in harness between fuse and instrument cluster or replace instrument cluster.

SRS FUSE IDENTIFICATION TABLE

AA

Application	Fuse No.
-------------	----------

Accord

SRS Indicator	1
SRS Power Supply	3

Civic & Civic Del Sol

SRS Indicator	24
SRS Power Supply	25

Prelude

SRS Indicator	13
SRS Power Supply	24

AA

4) Turn ignition off. Disconnect SRS main harness 18-pin connector from SRS control unit. Turn ignition on. If SRS indicator glows, replace SRS control unit. If SRS indicator does not glow, turn ignition off.

5) Disconnect SRS main wiring harness 4-pin connector from main wiring harness. Turn ignition on. If SRS indicator glows, replace SRS main harness. If SRS indicator does not glow, turn ignition off.

6) Remove instrument cluster, and check SRS indicator bulb. Replace bulb if necessary. If bulb is okay, go to next step.

7) Turn ignition on. Check voltage between body ground and Blue wire terminal of dashboard (instrument cluster) 5-pin connector (18-pin connector on Accord). See Figs. 14-17. If voltage is 8.5 volts or more, go to next step. If voltage is less than 8.5 volts, go to

step 9)

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8) On Accord, repair short circuit in Blue wire of dashboard

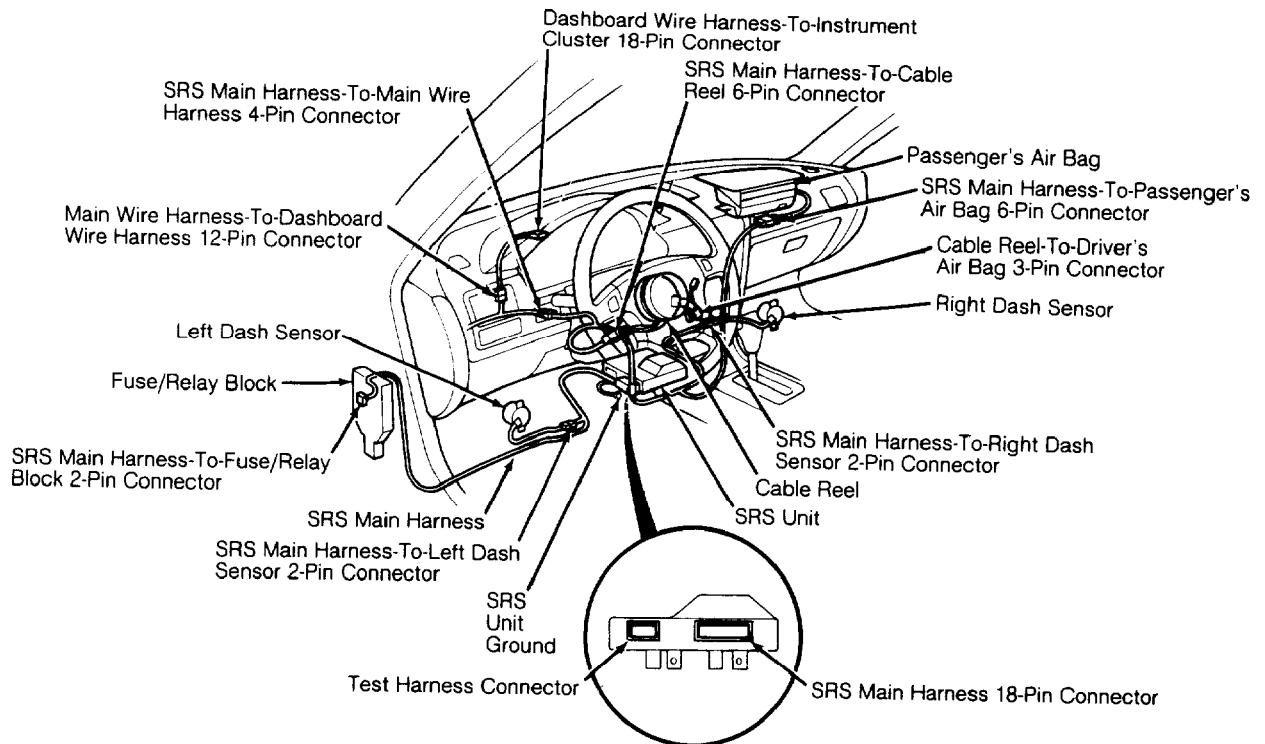
(instrument panel) wiring harness. On Civic, Civic Del Sol and Prelude, replace dashboard SRS wiring harness.

9) Turn ignition off. Check voltage between Black and Yellow wire terminals (Black and Black/Yellow wire terminals on Civic and Civic Del Sol) of dashboard connector. See Figs. 14-17. Turn ignition on. If battery voltage is not present, go to next step. If battery voltage is present, go to step 11).

10) Check for continuity between body ground and Black wire terminal. If continuity is not present, repair open circuit in Black wire between instrument cluster and ground. If continuity is present, repair open circuit in Yellow wire (Black/Yellow wire on Civic and Civic Del Sol) between fuse block and instrument cluster.

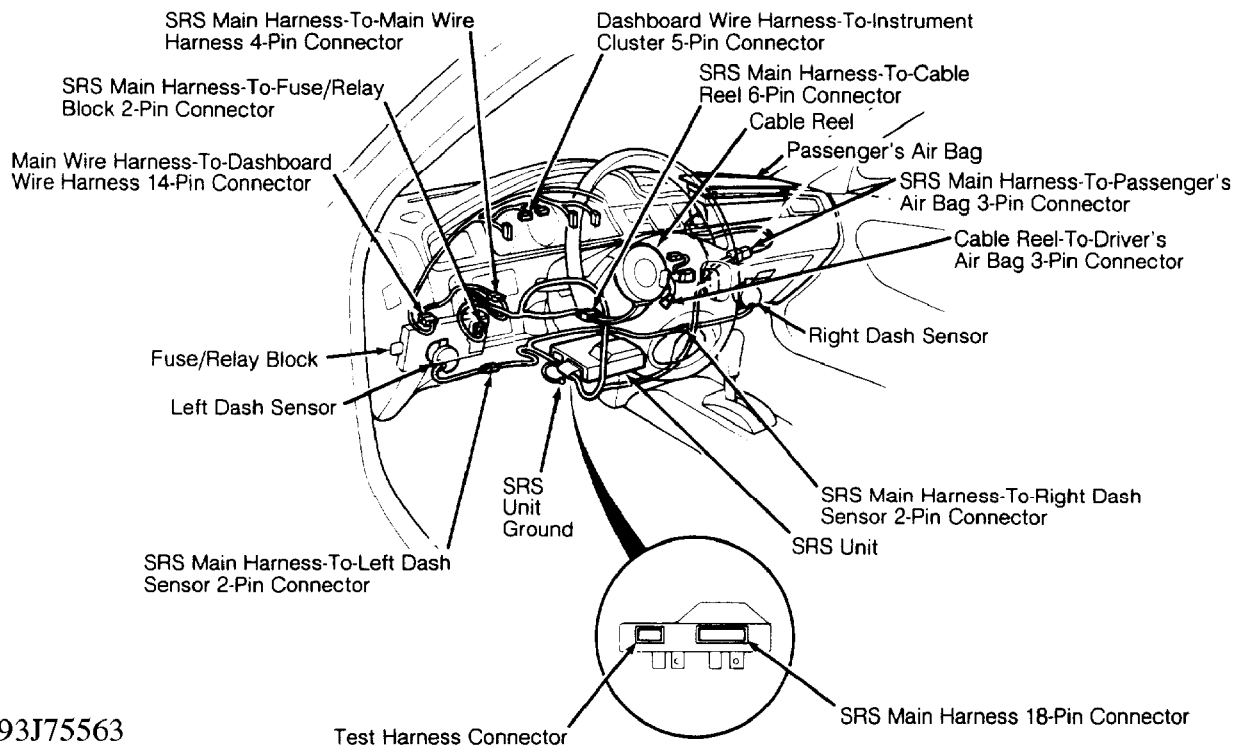
11) Turn ignition off. Reconnect each connector to instrument cluster and SRS control unit. Connect Test Harness "A" (07MAZ-SL00500) to SRS control unit. See Fig. 1. Connect voltmeter between SRS test harness terminal No. 13 and ground.

12) Turn ignition on, noting voltage for 6 seconds after ignition is turned on. If voltage is more than 8.5 volts, replace SRS control unit. If voltage is 8.5 volts or less, replace instrument cluster.



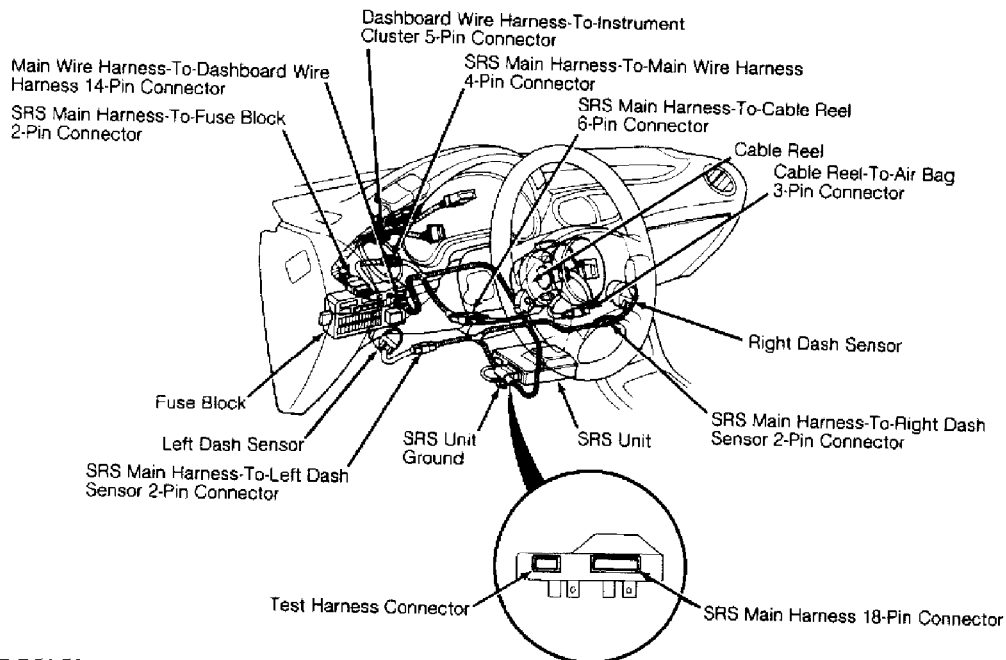
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Fig. 14: Locating SRS Components (Accord Shown W/ Pass. Side Air Bag)
Courtesy of American Honda Motor Co., Inc.



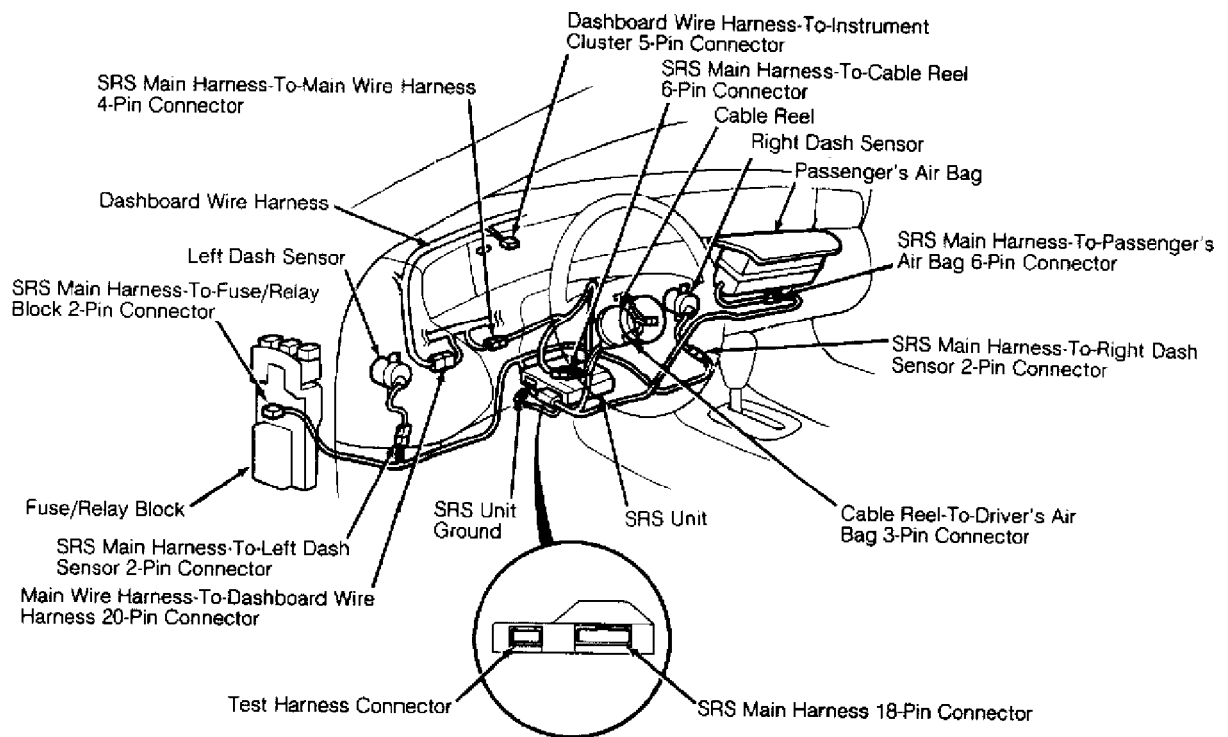
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Fig. 15: Locating SRS Components (Civic Shown W/ Pass. Side Air Bag)
 Courtesy of American Honda Motor Co., Inc.



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AIR BAG RESTRAINT SYSTEM Article Text (p. 19)
 Fig. 16: Locating SRS Components (Civic Del Sol)
 Courtesy of American Honda Motor Co., Inc.



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Fig. 17: Locating SRS Components(Prelude Shown W/ Pass. Side Air Bag)
 Courtesy of American Honda Motor Co., Inc.

SRS INDICATOR GLOWS CONTINUOUSLY

NOTE: To identify test harness connector terminals, see Fig. 1. To locate SRS wiring harness connectors, see Figs. 14-17.

NOTE: Accord and Civic models without passenger-side air bags use 2 types of SRS control units that function in same way but produce different terminal voltages. Use correct voltage chart. To identify SRS control unit on Accord, see Fig. 18. To identify SRS control unit on Civic, check last 3 characters of SRS control unit part number.

Voltage Tests

1) Before proceeding, see SERVICE PRECAUTIONS. Ensure battery voltage is about 12 volts or more. Low battery voltage will result in false voltage readings during this test. DO NOT disconnect and disable air bag(s). Connect SRS test harness "A" to SRS control unit, but not to air bag. Turn ignition on.

2) Check voltage between ground and connector terminal No. 12 of SRS test harness "A". See Fig. 1. If voltage is present, repair poor ground in SRS control unit ground circuit or at SRS control unit

3) If no voltage is present, make a photocopy of appropriate voltage check chart. See Figs. 19-25. Check voltage between ground and specified connector terminals of test harness "A" (terminals are specified in top row). Record voltage readings in appropriate row.

4) Compare voltage readings with FAILURE MODE VOLTAGE ranges. If recorded readings match all FAILURE MODE VOLTAGE ranges in a particular row, proceed to appropriate probable failure mode (letter designation). See FAILURE MODE TESTS.

5) If recorded voltage readings do not match all FAILURE MODE VOLTAGE ranges in a particular row, replace SRS control unit with a known good unit and retest.

6) If all recorded voltage readings are now within normal ranges, replace original SRS control unit. If recorded voltage readings still do not match an entire row of FAILURE MODE VOLTAGE ranges, check condition of SRS system wiring harness connectors.

Poor SRS Grounds

1) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM. Connect SRS test harness "B" between SRS control unit and SRS main harness 18-pin connector. See Fig. 1. Check for continuity at SRS test harness "B" connector between terminal B5 and ground and between terminal B15 and ground.

2) If continuity is present in either circuit, replace SRS control unit and recheck voltages. If no continuity is present, SRS control unit ground, control unit mounting grounds or main harness is defective. Check control unit ground wire and mounting bolts. See Figs. 14-17. If necessary, replace main harness and recheck voltages.

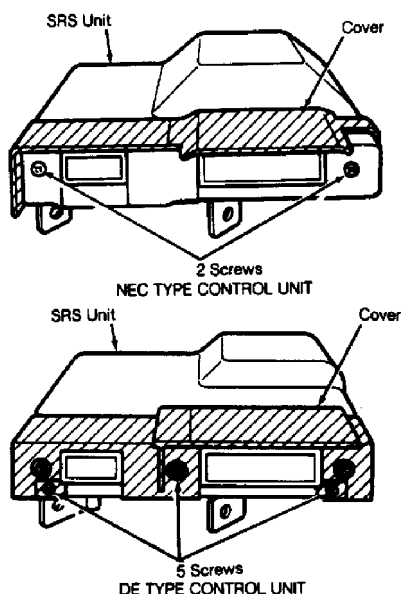


Fig. 18: Identifying SRS Control Units (Accord)

Courtesy of American Honda Motor Co., Inc.

Test Harness Terminal	1 SADH	2 SAPH	—	4 VCC	5 SV	—	—	—	—	10 BUC1	—	12 GND	13 IDC	14 M1	—	—	Probable Failure Mode
Normal Voltage	4.3 -5.6	4.3 -5.6	—	4.5 -5.5	12.0 -14.3	—	—	—	—	11.5 -14.5	—	0	8.5 -13.6	8.4 -10.9	—	—	
Your voltage Reading		—	—			—	—	—	—		—				—	—	
Failure Mode Voltage	2.9 -3.7	2.9 -3.7	—	4.5 -5.5	12.0 -14.3	—	—	—	—	11.5 -14.5	—	0	2.0 -8.5	8.4 -10.9	—	—	A Open in one cowl sensor.
	0	0	—	4.5 -5.5	12.0 -14.3	—	—	—	—	11.5 -14.5	—	0	2.0 -8.5	8.4 -10.9	—	—	B Open in both cowl sensors. Short in one dash sensor. Short to driver's or passenger's airbag inflator.
	* 8.7 -11.2	8.7 -11.2	—	4.5 -5.5	12.0 -14.3	—	—	—	—	11.5 -14.5	—	0	2.0 -8.5	8.4 -10.9	—	—	C Short in cowl sensor or open in both dash sensors.
	5.7 -7.4	5.7 -7.4	—	4.5 -5.5	12.0 -14.3	—	—	—	—	11.5 -14.5	—	0	2.0 -8.5	8.4 -10.9	—	—	D Open in one dash sensor.
	8.7 -11.2	2.9 -3.7	—	0	0	—	—	—	—	11.5 -14.5	—	0	2.0 -8.5	8.4 -10.9	—	—	E Open in driver's airbag inflator or cable reel.
	2.9 -3.7	8.7 -11.2	—	4.5 -5.5	12.0 -14.3	—	—	—	—	11.5 -14.5	—	0	2.0 -8.5	8.4 -10.9	—	—	F Open in front passenger's airbag inflator.
	* 8.7 -11.2	8.7 -11.2	—	4.5 -5.5	12.0 -14.3	—	—	—	—	11.5 -14.5	—	0	2.0 -8.5	8.4 -10.9	—	—	G Open in driver's and passenger's airbag inflator.
	4.3 -5.6	4.3 -5.6	—	0	0	—	—	—	—	11.5 -14.5	—	0	2.0 -8.5	8.4 -10.9	—	—	H Blown SRS fuse (No. 3 10 A) or open in the wire.
	4.3 -5.6	4.3 -5.6	—	4.5 -5.5	12.0 -14.3	—	—	—	—	11.5 -14.5	—	0	0 (8.5 -13.6)	8.4 -10.9	—	—	I Short (or open) in SRS indicator wire harness.

*When checking for failure mode C, check also for failure mode G (failure modes E and F).

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Fig. 19: SRS Voltage Check Chart (Accord With Passenger-Side Air Bag)
 Courtesy of American Honda Motor Co., Inc.

Test Harness Terminal	1 SADH	—	—	4 VCC	5 SV	—	—	—	—	10 BUC1	—	12 GND	13 IDC	14 M1	—	—	Probable Failure Mode
Normal Voltage	5.1 -7.0	—	—	4.5 -5.5	12.0 -14.0	—	—	—	—	10.5 -14.5	—	0	8.5 -13.0	10.5 -14.5	—	—	
Your voltage Reading		—	—			—	—	—	—		—				—	—	
Failure Mode Voltage	0	—	—	4.5 -5.5	12.0 -14.0	—	—	—	—	10.5 -14.5	—	0	2.0 -8.5	10.5 -14.5	—	—	A Open in cowl sensor. B Short in one dash sensor. Short to driver's airbag inflator.
	* 10.5 -14.5	—	—	4.5 -5.5	12.0 -14.0	—	—	—	—	10.5 -14.5	—	0	2.0 -8.5	10.5 -14.5	—	—	C Short in cowl sensor or open in both dash sensors.
	7.1 -9.5	—	—	4.5 -5.5	12.0 -14.0	—	—	—	—	10.5 -14.5	—	0	2.0 -8.5	10.5 -14.5	—	—	D Open in one dash sensor.
	* 10.5 -14.5	—	—	4.5 -5.5	12.0 -14.0	—	—	—	—	10.5 -14.5	—	0	2.0 -8.5	10.5 -14.5	—	—	E Open in driver's airbag inflator or cable reel.
	4.0 -7.0	—	—	0	0	—	—	—	—	8.5 -14.5	—	0	2.0 -8.5	8.5 -14.5	—	—	H Blown SRS fuse (No. 3, 10 A) or open in the wire.
	5.1 -7.0	—	—	4.5 -5.5	12.0 -14.0	—	—	—	—	10.5 -14.5	—	0	0 (8.5 -13.0)	10.5 -14.5	—	—	I Short (or open) in SRS indicator wire harness.

*When checking for failure mode C, check also for failure mode E.

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Fig. 20: SRS Voltage Check Chart (Accord W/o Pass. Side Air Bag - DE Control Unit)

Test Harness Terminal	1 S4DH	-	-	4 VCC	5 SV	-	-	-	-	10 BUC1	-	12 GND	13 IDC	14 M1	-	-	Probable Failure Mode
Normal Voltage	4.3 -5.6	-	-	4.5 -5.5	12.0 -14.3	-	-	-	-	11.5 -14.5	-	0	8.5 -13.6	8.4 -10.9	-	-	
Your voltage Reading		-	-			-	-	-	-		-				-	-	
Failure Mode Voltage	2.9 -3.7	-	-	4.5 -5.5	12.0 -14.3	-	-	-	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	A Open in one cowl sensor.
	0	-	-	4.5 -5.5	12.0 -14.3	-	-	-	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	Open in both cowl sensors. B Short in one dash sensor. Short to driver's airbag inflator.
	8.7 -11.2	-	-	4.5 -5.5	12.0 -14.3	-	-	-	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	C Short in cowl sensor or open in both dash sensors.
	5.7 -7.4	-	-	4.5 -5.5	12.0 -14.3	-	-	-	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	D Open in one dash sensor.
	8.7 -11.2	-	-	0	0	-	-	-	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	E Open in driver's airbag inflator or cable reel.
	4.3 -5.6	-	-	0	0	-	-	-	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	H Blown SRS fuse (No. 3, 10 A) or open in the wire.
	4.3 -5.6	-	-	4.5 -5.5	12.0 -14.3	-	-	-	-	11.5 -14.5	-	0	0 (8.5 -13.6)	8.4 -10.9	-	-	I Short (or open) in SRS indicator wire harness.

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Fig. 21: SRS Voltage Check Chart (Accord W/o Pass. Side Air Bag - NEC Control Unit)
 Courtesy of American Honda Motor Co., Inc.

Test Harness Terminal	1 S4DH	2 S4PH	-	4 VCC	5 SV	-	-	8 S4DC	-	10 BUC1	-	12 GND	13 IDC	14 M1	-	-	Probable Failure Mode
Normal Voltage	4.3 -5.6	4.3 -5.6	-	4.5 -5.5	12.0 -14.3	-	-	5.6 -7.3	-	11.5 -14.5	-	0	8.5 -13.6	8.4 -10.9	-	-	
Your Voltage Reading		-	-			-	-		-		-				-	-	
Failure Mode Voltage	2.8 -3.7	2.8 -3.7	-	4.5 -5.5	12.0 -14.3	-	-	3.7 -4.9	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	A Open in one cowl sensor.
	0	0	-	4.5 -5.5	12.0 -14.3	-	-	0	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	• Open in both cowl sensors. • Short in one dash sensor. • Short to driver's or passenger's airbag inflator. B
	8.6 -11.3	8.6 -11.3	-	4.5 -5.5	12.0 -14.3	-	-	11.2 -14.6	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	Short in cowl sensor or C Open in both dash sensors.
	5.7 -7.4	5.7 -7.4	-	4.5 -5.5	12.0 -14.3	-	-	7.4 -9.7	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	D Open in one dash sensor.
	8.6 -11.3	2.9 -3.7	-	4.5 -5.5	12.0 -14.3	-	-	3.7 -4.9	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	E Open in driver's airbag inflator or cable reel.
	2.9 -3.7	8.7 -11.2	-	4.5 -5.5	12.0 -14.3	-	-	3.7 -4.9	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	F Open in front passenger's airbag inflator.
	8.6 -11.3	8.6 -11.3	-	4.5 -5.5	12.0 -14.3	-	-	0	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	Open in driver's and G passenger's airbag inflator.
	4.3 -5.6	4.3 -5.6	-	0	0	-	-	5.6 -7.3	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	H Blown SRS fuse (No. 24 10 A) or open in the wire.
	4.3 -5.6	4.3 -5.6	-	4.5 -5.5	12.0 -14.3	-	-	5.6 -7.3	-	11.5 -14.5	-	0	0 (8.5 -13.6)	8.4 -10.9	-	-	I Short (or open) in SRS indicator wire harness.

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Fig. 22: SRS Voltage Check Chart (Civic & Prelude W/ Pass. Side Air Bag)
AIR BAG RESTRAINT SYSTEM Article Text (

Courtesy of American Honda Motor Co., Inc.

Test Harness Terminal	1 SADH	-	-	4 VCC	5 SV	-	-	8 SADC	-	10 BUC1	-	12 GND	13 IDC	14 M1	-	-	Probable Failure Mode
Normal Voltage	4.3 -5.6	-	-	4.5 -5.5	12.0 -14.3	-	-	5.6 -7.3	-	11.5 -14.5	-	0	8.5 -13.6	8.4 -10.9	-	-	
Your Voltage Reading		-	-			-	-		-		-				-	-	
Failure Mode Voltage	0	-	-	4.5 -5.5	12.0 -14.3	-	-	0	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	• Open in cowl sensor. • Short in one dash sensor. • Short to driver's airbag inflator.
	8.6 -11.3	-	-	4.5 -5.5	12.0 -14.3	-	-	11.2 -14.6	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	Short in cowl sensor or C open in both dash sensors.
	5.7 -7.4	-	-	4.5 -5.5	12.0 -14.3	-	-	7.4 -9.7	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	D Open in one dash sensor.
	8.6 -11.3	-	-	4.5 -5.5	12.0 -14.3	-	-	0	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	E Open in driver's airbag inflator or cable reel.
	4.3 -5.6	-	-	0	0	-	-	5.6 -7.3	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	H Blown SRS fuse (No. 24 10 A) or open in the wire.
	4.3 -5.6	-	-	4.5 -5.5	12.0 -14.3	-	-	5.6 -7.3	-	11.5 -14.5	-	0	0 (8.5 -13.6)	8.4 -10.9	-	-	I Short (or open) in SRS indicator wire harness.

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Fig. 23: SRS Voltage Check Chart (Civic W/o Pass. Side Air Bag - A82 Control Unit)

Courtesy of American Honda Motor Co., Inc.

Test Harness Terminal	1 SADH	-	-	4 VCC	5 SV	-	-	8 SADC	-	10 BUC1	-	12 GND	13 IDC	14 M1	-	-	Probable Failure Mode
Normal Voltage	4.3 -5.6	-	-	4.5 -5.5	12.0 -14.3	-	-	5.6 -7.3	-	11.5 -14.5	-	0	8.5 -13.6	8.4 -10.9	-	-	
Your Voltage Reading		-	-			-	-		-		-				-	-	
Failure Mode Voltage	2.8 -3.7	-	-	4.5 -5.5	12.0 -14.3	-	-	3.7 -4.9	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	A Open in one cowl sensor.
	0	-	-	4.5 -5.5	12.0 -14.3	-	-	0	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	• Open in both cowl sensors. • Short in one dash sensor. • Short to driver's airbag inflator.
	8.6 -11.3	-	-	4.5 -5.5	12.0 -14.3	-	-	11.2 -14.6	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	Short in cowl sensor or C open in both dash sensors.
	5.7 -7.4	-	-	4.5 -5.5	12.0 -14.3	-	-	7.4 -9.7	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	D Open in one dash sensor.
	8.6 -11.3	-	-	4.5 -5.5	12.0 -14.3	-	-	0	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	E Open in driver's airbag inflator or cable reel.
	4.3 -5.6	-	-	0	0	-	-	5.6 -7.3	-	11.5 -14.5	-	0	2.0 -8.5	8.4 -10.9	-	-	H Blown SRS fuse (No. 24 10 A) or open in the wire.
	4.3 -5.6	-	-	4.5 -5.5	12.0 -14.3	-	-	5.6 -7.3	-	11.5 -14.5	-	0	0 (8.5 -13.6)	8.4 -10.9	-	-	I Short (or open) in SRS indicator wire harness.

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Fig. 24: SRS Voltage Check Chart (Civic W/o Pass. Side Air Bag - N82 Control Unit - & Prelude W/o Pass. Side Air Bag)

Courtesy of American Honda Motor Co., Inc. AIR BAG RESTRAINT SYSTEM Article Text (p. 24) 1993 Honda Prelude For Cadi Centre Nsk CA :

Test Connector Terminal	1 SADH	-	-	4 VCC	5 SV	-	-	-	-	10 BUC1	-	12 GND	13 IDC	14 M1	-	-	Probable Failure Mode
Normal Voltage	3.5 -5.2	-	-	4.5 -5.5	12.0 -14.0	-	-	-	-	10.5 -14.5	-	0	9.0 -13.0	7.5 -11	-	-	
Your Voltage Reading		-	-			-	-	-	-		-				-	-	
Failure Mode Voltage	0	-	-	4.5 -5.5	12.0 -14.0	-	-	-	-	10.5 -14.5	-	0	2.0 -9.0	7.5 -11	-	-	*Short to airbag inflator body, (body ground) B *Open in cowl sensor. *Short in dash sensor.
	7.5 -11	-	-	4.5 -5.5	12.0 -14.0	-	-	-	-	10.5 -14.5	-	0	2.0 -9.0	7.5 -11	-	-	Short in cowl sensor or open in both dash sensors.
	5.3 -7.2	-	-	4.5 -5.5	12.0 -14.0	-	-	-	-	10.5 -14.5	-	0	2.0 -9.0	7.5 -11	-	-	D Open in one dash sensor.
	7.5 -11	-	-	4.5 -5.5	12.0 -14.0	-	-	-	-	10.5 -14.5	-	0	2.0 -9.0	7.5 -11	-	-	F Open in airbag inflator or cable reel.
	3.5 -5.2	-	-	0	0	-	-	-	-	8.5 -14.5	-	0	2.0 -9.0	6 -11	-	-	Blown SRS fuse J (No. 25) or open in the wire.
	3.5 -5.2	-	-	4.5 -5.5	12.0 -14.0	-	-	-	-	10.5 -14.5	-	0	0 (9.0 -13.0)	7.5 -11	-	-	Short (or open) in K SRS indicator wire harness.

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Fig. 25: SRS Voltage Check Chart (Civic Del Sol)
 Courtesy of American Honda Motor Co., Inc.

FAILURE MODE TESTS

NOTE: To identify test harnesses connector terminals, see Fig. 1.

Mode "A"

Replace SRS control unit and recheck voltages.

Mode "B" (Accord, Civic & Prelude)

1) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS.
 See DISABLING & ACTIVATING AIR BAG SYSTEM.

2) Connect SRS test harness "B" between SRS control unit and SRS main harness 18-pin connector. Reconnect driver-side air bag connector.

3) Check continuity between ground and terminals B1 and B7 of SRS test harness "B". If there is continuity at either terminal, go to step 6). If there is not continuity at either terminal, go to step 4).

4) Reconnect passenger-side air bag connector. Check continuity between ground and terminals B2 and B8 of SRS test harness "B". If there is continuity at either terminal, go to step 10). If there is not continuity at either terminal, go to step 5).

5) Check continuity between ground and terminals B4, B6, B12 and B16 of SRS test harness "B". If there is continuity at any

terminal, go to step 12). If there is not continuity at any terminal, go to step 13).

6) Disconnect cable reel 6-pin connector from SRS main harness under steering column. Connect SRS test harness "C" to cable reel side of connector, but not to driver-side air bag connector.

7) Check continuity between ground and terminals No. 4 and 5 of SRS test harness "C". If there is continuity at either terminal, go to step 8). If there is not continuity at either terminal, replace SRS main harness and recheck voltages.

8) Disconnect driver-side air bag connector. Connect SRS test harness "C" to cable reel side of connector and to driver-side air bag connector.

9) Check continuity between ground and terminals No. 7 and 8 of SRS test harness "C". If there is continuity at either terminal, replace driver-side air bag and recheck voltages. If there is not continuity at either terminal, replace cable reel and recheck voltages.

10) Disconnect passenger-side air bag connector. Connect SRS test harness "C" to air bag side of connector, but not to SRS main harness side of connector.

11) Check continuity between ground and terminals No. 7 and 8 of SRS test harness "C". If there is continuity at either terminal, replace passenger-side air bag and recheck voltages. If there is not continuity at either terminal, replace SRS main harness and recheck voltages.

12) Connect SRS test harness "D" between dash sensor and SRS main harness connector. Check continuity between ground and terminals No. 1 and 2 of SRS test harness "C". If there is continuity at either terminal, replace dash sensor. Recheck voltages. If there is not continuity at either terminal, replace SRS main harness. Recheck voltages.

13) Check resistance between terminals B4 and B6 (left dash sensor) and between terminals B12 and B16 (right dash sensor) of SRS test harness "B". If resistance is 3800-4200 ohms for both sensors, replace SRS control unit and recheck voltages.

14) If resistance is less than 3800 ohms for either sensor, connect SRS test harness "D" between dash sensor and SRS main harness. Check resistance between terminals No. 1 and 2 of SRS test harness "D". If resistance is 3800-4200 ohms, replace SRS main harness and recheck voltages. If resistance is less than 3800 ohms, replace dash sensor and recheck voltages.

Mode "B" (Civic Del Sol)

1) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM.

2) Disconnect SRS control unit connector. Connect SRS test harness "B" between SRS control unit and SRS main harness 18-pin connector.

AIR BAG RESTRA

3) Check for continuity between ground and terminals B1 and B7 of SRS test harness "B". If there is continuity, go to next step. If there is no continuity, go to step 8).

4) Disconnect cable reel 6-pin connector from SRS main harness under steering column. Connect SRS test harness "C" to cable reel 6-pin connector, but not to driver-side air bag connector.

5) Check for continuity between ground and terminals No. 4 and 5 of SRS test harness "C". If there is continuity, go to next step. If there is no continuity, replace SRS main harness and recheck voltages.

6) Disconnect driver-side air bag connector. Connect SRS test harness "C" to cable reel 6-pin and driver-side air bag connectors.

7) Check for continuity between ground and terminals No. 7 and 8 of SRS test harness "C". If there is no continuity, replace cable reel and recheck voltages. If there is continuity, replace driver-side air bag and recheck voltages.

8) Reconnect battery cables. Check resistance between terminals B4 and B6 (right dash sensor) and between terminals B12 and B16 (left dash sensor) of SRS test harness "B". If resistance is 3800-4200 ohms for both sensors, go to next step. If resistance is less than 3800 ohms for either sensor, go to step 10).

9) Check for continuity between ground and terminals B4, B6, B12 and B16 of SRS test harness "B". If there is no continuity, replace SRS control unit and recheck voltages. If there is continuity at any terminal, go to step 11).

NOTE: Left and right dash sensors cannot be checked at same time.

10) Connect SRS test harness "D" between dash sensor and SRS main harness. Check resistance between terminals No. 1 and 2 of SRS test harness "D". If resistance is 3800-4200 ohms, replace SRS main harness and recheck voltages. If resistance is not 3800 ohms, replace respective dash sensor and recheck voltages.

11) Connect SRS test harness "D" between dash sensor and SRS main harness. Check for continuity between terminals No. 1 and 2 of SRS test harness "D" and ground. If there is continuity, replace dash sensor and recheck voltages. If there is no continuity, replace SRS main harness and recheck voltages.

Modes "C" & "D"

1) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM. Connect SRS test harness "B" between SRS control unit and SRS main harness 18-pin connector.

2) On Accord with passenger-side air bag, check resistance between terminals B1 and B7 and between terminals B2 and B8 of SRS test harness "B". If resistance is less than 200 ohms across both sets of terminals, go to next step. If resistance is more than 200 ohms

3) On all models, check resistance between terminals B4 and B6 and between terminals B12 and B16 of SRS test harness "B". If resistance is more than 5000 ohms for both sets of terminals, go to next step. If resistance is less than 5000 ohms for either set of terminals, replace SRS control unit and recheck voltages.

4) Connect SRS test harness "D" between dash sensor and SRS main harness. Check resistance between terminals No. 1 and 2 of SRS test harness "D". If resistance is more than 5000 ohms, replace dash sensor and recheck voltages. If resistance is less than 5000 ohms, replace SRS main harness and recheck voltages.

Mode "E"

1) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM. Connect SRS test harness "B" between SRS control unit and SRS main harness 18-pin connector.

2) On Accord without passenger-side air bag and with DE control unit, reconnect driver-side air bag connector. Check resistance between terminals B4 and B6 and between terminals B12 and B16 of SRS test harness "B". If resistance is more than 5000 ohms for both sets of terminals, go to MODES "C" & "D". If resistance is less than 5000 ohms for either set of terminals, replace SRS control unit. Recheck voltages.

3) On all models, check resistance between terminals B1 and B7 of SRS test harness "B". If resistance is more than 200 ohms, go to next step. If resistance is less than 200 ohms, replace SRS control unit and recheck voltages.

4) Disconnect cable reel 6-pin connector from SRS main harness under steering column. Connect SRS test harness "C" to cable reel 6-pin connector but not to driver-side air bag connector.

5) Check resistance between terminals No. 4 and 5 of SRS test harness "C". If resistance is more than 200 ohms, go to next step. If resistance is less than 200 ohms, replace SRS main harness and recheck voltages.

6) Disconnect driver-side air bag connector. Connect SRS test harness "C" to cable reel 6-pin connector and driver-side air bag connector. Check resistance between terminals No. 7 and 8 of SRS test harness "C". If resistance is more than 200 ohms, replace driver-side air bag and recheck voltages. If resistance is less than 200 ohms, replace cable reel and recheck voltages.

Mode "F" (Accord, Civic & Prelude)

1) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM.

2) Connect SRS test harness "B" between SRS control unit and SRS main harness 18-pin connector. Reconnect passenger-side air bag connector.

3) Check resistance between terminals B2 and B8 of SRS test harness "B". If resistance is more than 200 ohms, go to next step. **AIR BAG RESTRAIN**

resistance is less than 200 ohms, replace SRS control unit and recheck voltages.

4) Disconnect passenger-side air bag connector. Connect SRS test harness "C" to passenger-side air bag connector.

5) Check resistance between terminals 7 and 8 of SRS test harness "C". If resistance is more than 200 ohms, replace passenger-side air bag and recheck voltages. If resistance is less than 200 ohms, replace SRS main harness and recheck voltages.

Mode "F" (Civic Del Sol)

1) Before proceeding, see SERVICE PRECAUTIONS. Disconnect battery cables. Connect SRS test harness "B" between SRS control unit and SRS main harness 18-pin connector.

2) Check resistance between terminals B4 and B6 and between terminals B12 and B16 of SRS test harness "B". If resistance is more than 5000 ohms, go to MODES "C" & "D". If resistance is less than 5000 ohms, check resistance between terminals B1 and B7 of SRS test harness "B". If resistance is more than 200 ohms, go to next step. If resistance is less than 200 ohms, replace SRS control unit and recheck voltages.

3) Disconnect cable reel 6-pin connector from SRS main harness under steering column. Connect SRS test harness "C" to cable reel 6-pin connector but not to driver-side air bag connector.

4) Check resistance between terminals No. 4 and 5 of SRS test harness "C". If resistance is more than 200 ohms, go to next step. If resistance is less than 200 ohms, replace SRS main harness and recheck voltages.

5) Disconnect driver-side air bag connector. Connect SRS test harness "C" to cable reel 6-pin connector and driver-side air bag connector. Check resistance between terminals No. 7 and 8 of SRS test harness "C". If resistance is more than 200 ohms, replace driver-side air bag and recheck voltages. If resistance is less than 200 ohms, replace cable reel and recheck voltages.

Mode "G" (Accord With Passenger-Side Air Bag)

See MODE "E" and MODE "F" (ACCORD, CIVIC & PRELUDE).

Modes "G" (Civic & Prelude), "H" (Accord) & "J" (Civic Del Sol)

1) Turn ignition on. Check SRS power supply fuse in passenger compartment fuse block. See SRS FUSE IDENTIFICATION table under SRS INDICATOR DOES NOT GLOW. If fuse is okay, go to next step. If fuse is blown, replace it (repair short circuit if necessary).

2) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM.

3) Connect SRS test harness "B" between SRS control unit and SRS main harness 18-pin connector. Reconnect battery. Turn ignition on. Check voltage between ground and terminal B13 of SRS test harness. **AIR BAG**

"B".

4) If battery voltage is present, replace SRS control unit and recheck voltages. If less than battery voltage is present, replace SRS main harness and recheck voltages.

Modes "H" (Civic & Prelude) & "I" (Accord)

1) Disconnect SRS main harness 4-pin connector from SRS main harness. Turn ignition on. Wait 6 seconds.

2) Check voltage between ground and Blue wire terminal of SRS main harness 4-pin connector (SRS main harness side of connector). If less than 8.5 volts is present, go to next step. If more than 8.5 volts is present, go to step 8).

3) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM.

4) Disconnect SRS main harness 18-pin connector from SRS control unit. Connect SRS test harness "B" between SRS control unit and SRS main harness 18-pin connector.

5) Reconnect battery. Check for continuity between ground and terminal B11 of SRS test harness "B".

6) If there is no continuity, go to next step. If there is continuity, replace SRS main harness and recheck voltages.

7) Check for continuity between terminal B11 of SRS test harness "B" and Blue wire terminal of SRS main harness 4-pin connector. If there is continuity, replace SRS control unit and recheck voltages. If there is no continuity, replace SRS main harness and recheck voltages.

8) Reconnect SRS main harness 4-pin connector to SRS main harness. Disconnect dashboard wiring harness 18-pin connector (5-pin connector on Prelude and Civic) from instrument cluster.

9) Turn ignition on. Wait 6 seconds. Check voltage between ground and Blue wiring terminal of dashboard wire harness 18-pin (or 5-pin) connector. If more than 8.5 volts is present, replace instrument cluster and recheck voltages. If less than 8.5 volts is present, repair dashboard wiring harness or replace SRS main harness.

Mode "K" (Civic Del Sol)

1) Disconnect SRS main harness 4-pin connector from SRS main harness. Turn ignition on.

2) Check voltage between ground and Blue wire terminal of SRS main harness 4-pin connector (SRS main harness side of connector). If less than 9 volts is present, go to next step. If more than 9 volts is present, go to step 8).

3) Before proceeding, see SERVICE PRECAUTIONS. Disable SRS. See DISABLING & ACTIVATING AIR BAG SYSTEM.

4) Reconnect battery. Disconnect SRS main harness 18-pin connector from SRS control unit.

5) Connect SRS test harness "B" between SRS control unit and SRS main harness 18-pin connector. Check for continuity between ground and AIR BAG

and terminal B11 of SRS test harness "B".

6) If there is no continuity, go to next step. If there is continuity, replace SRS main harness and recheck voltages.

7) Check for continuity between terminal B11 of SRS test harness "B" and Blue wire terminal of SRS main harness 4-pin connector. If there is continuity, replace SRS control unit and recheck voltages. If there is no continuity, replace SRS main harness and recheck voltages.

8) Reconnect SRS main harness 4-pin connector to SRS main harness. Disconnect dashboard wiring harness 5-pin connector from instrument cluster.

9) Turn ignition on. Wait 6 seconds. Check voltage between ground and Blue wire terminal of dashboard wiring harness 5-pin connector. If more than 9 volts is present, replace instrument cluster and recheck voltages. If less than 9 volts is present, repair dashboard wiring harness or replace SRS main harness as necessary.

TORQUE SPECIFICATIONS

TORQUE SPECIFICATIONS TABLE

AA
Application Ft. Lbs. (N.m)

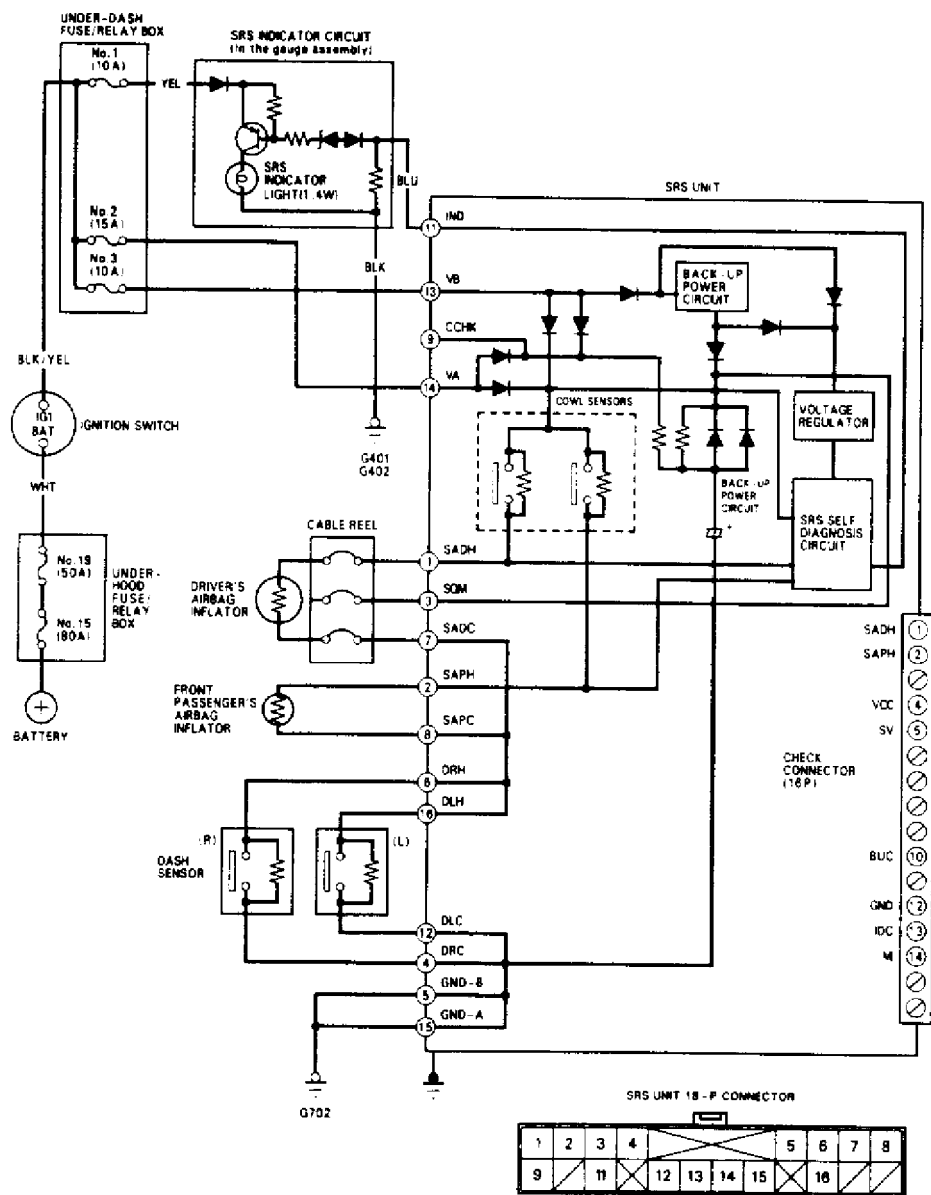
Dash Sensor Bolts	16 (22)
Steering Wheel Nut	36 (50)

INCH Lbs. (N.m)

Air Bag Bolt/Nut	84 (10)
"L" Bracket Adjusting Nut (Accord & Prelude)	84 (10)
SRS Control Unit Bolt	84 (10)

AA

WIRING DIAGRAMS

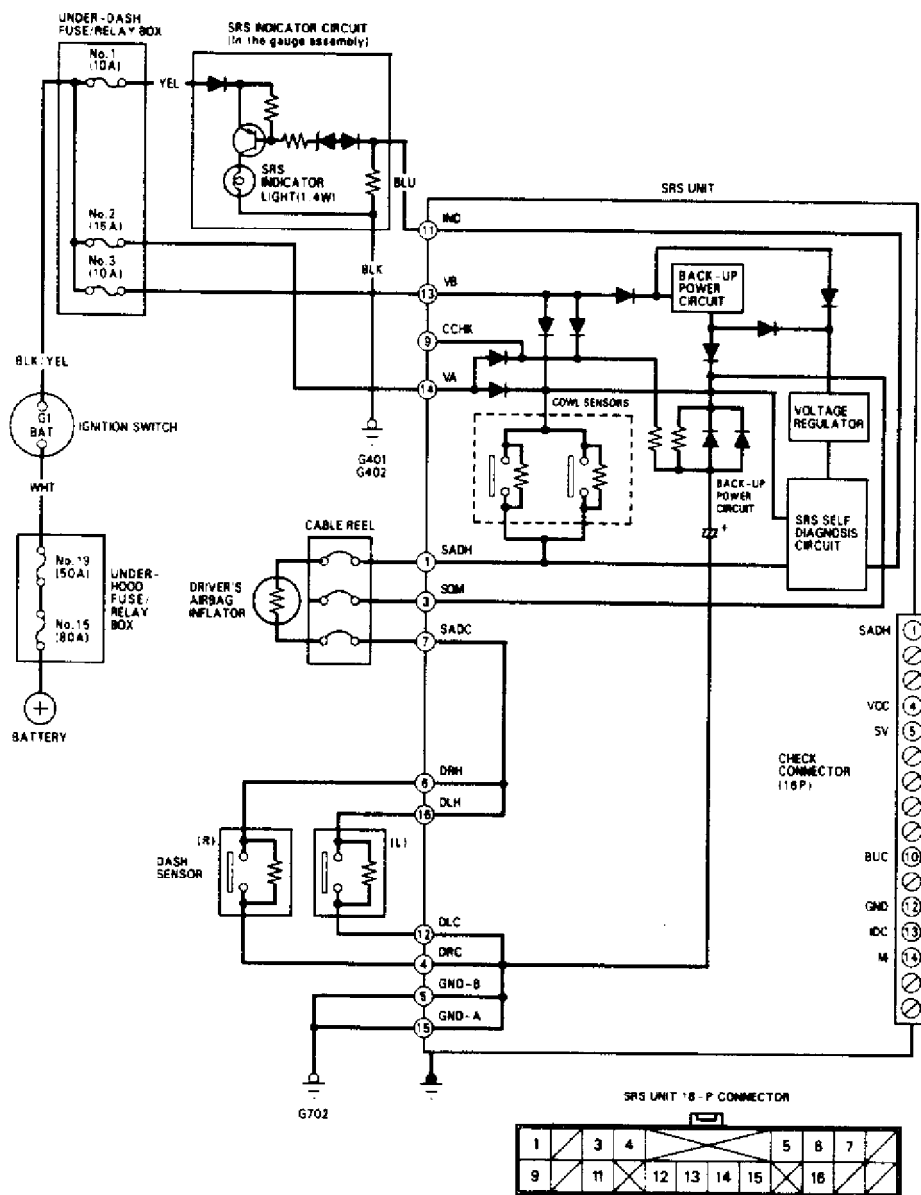


AIR BAG RE:

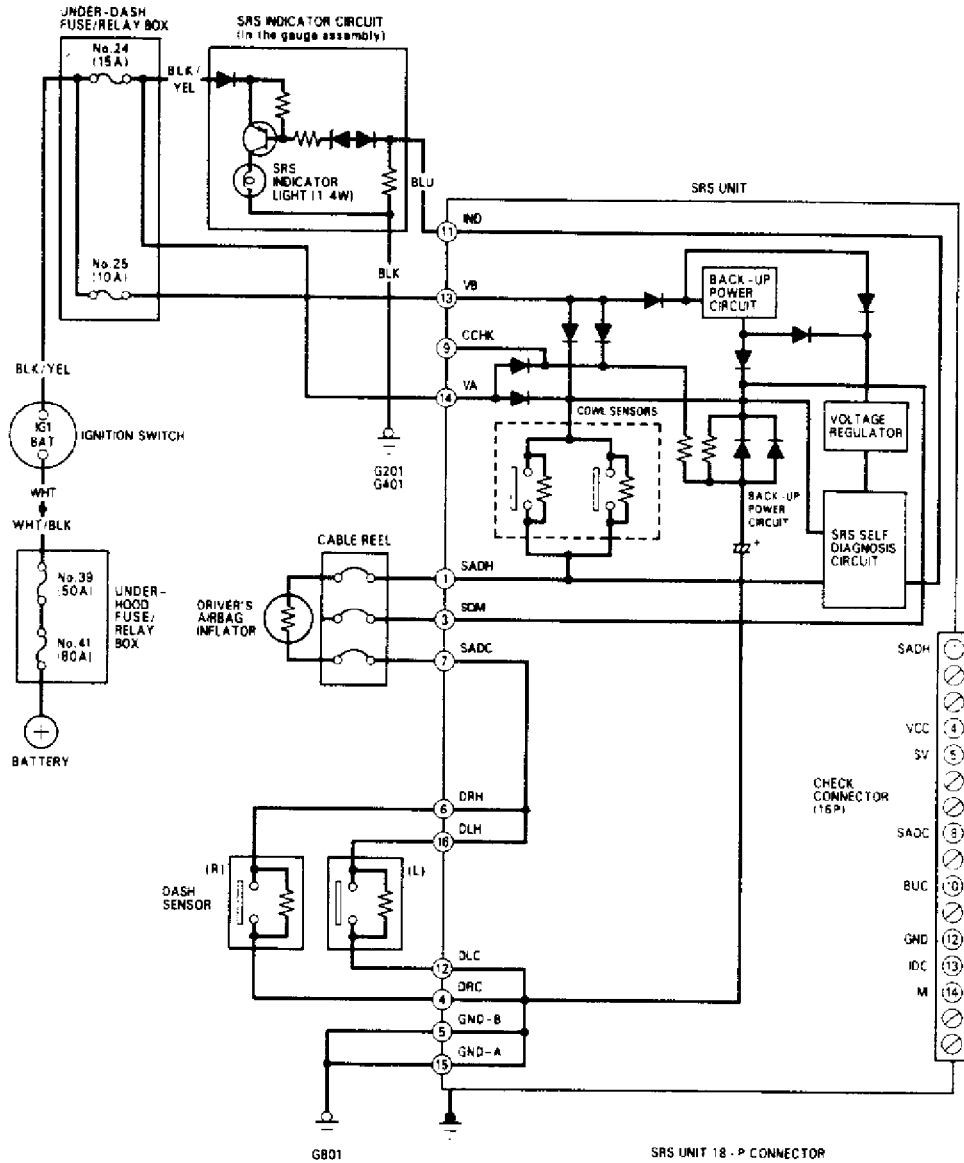
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93F75353

Fig. 26: SRS Wiring Diagram (Accord With Passenger-Side Air Bag)
Courtesy of American Honda Motor Co., Inc.



93G75354
Fig. 27: SRS Wiring Diagram (Accord Without Passenger-Side Air Bag)
 Courtesy of American Honda Motor Co., Inc.

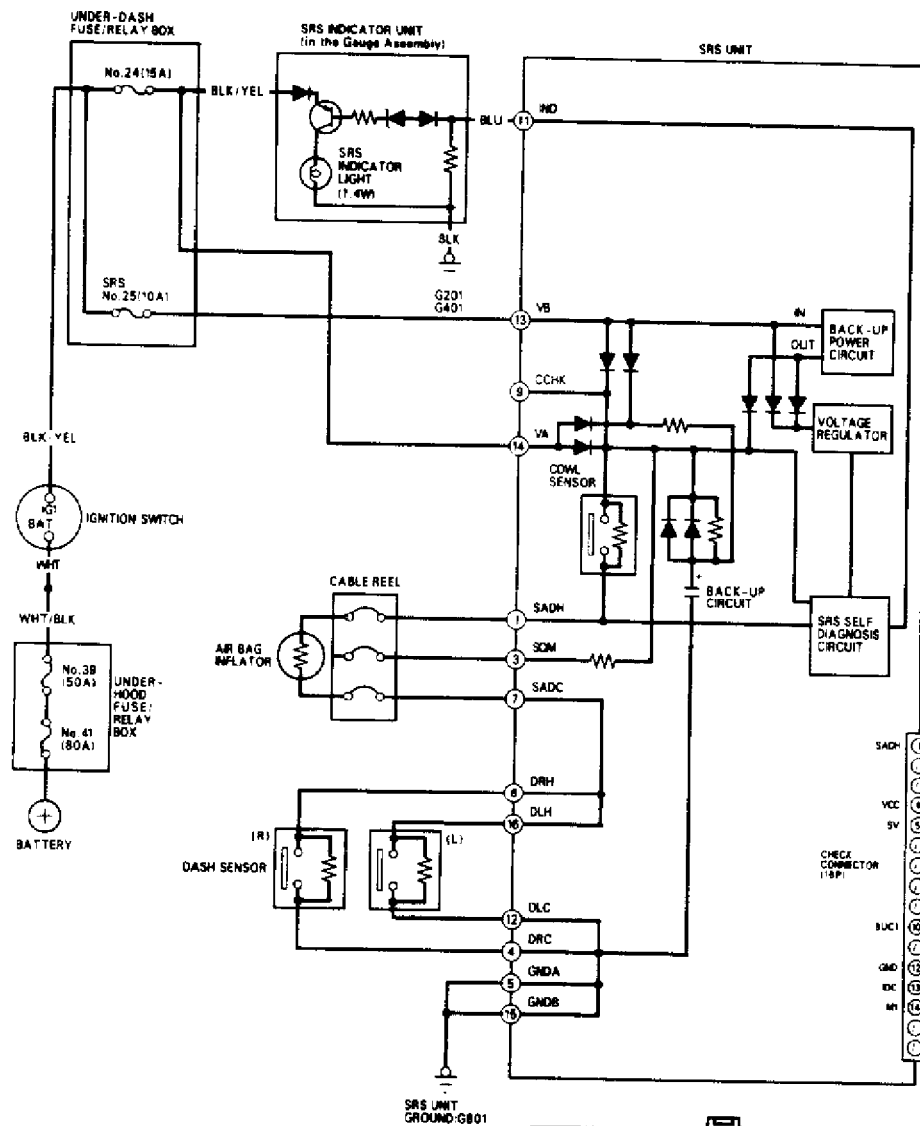


SRS UNIT 18-P CONNECTOR

1	3	4	5	6	7
9	11	12	13	14	15

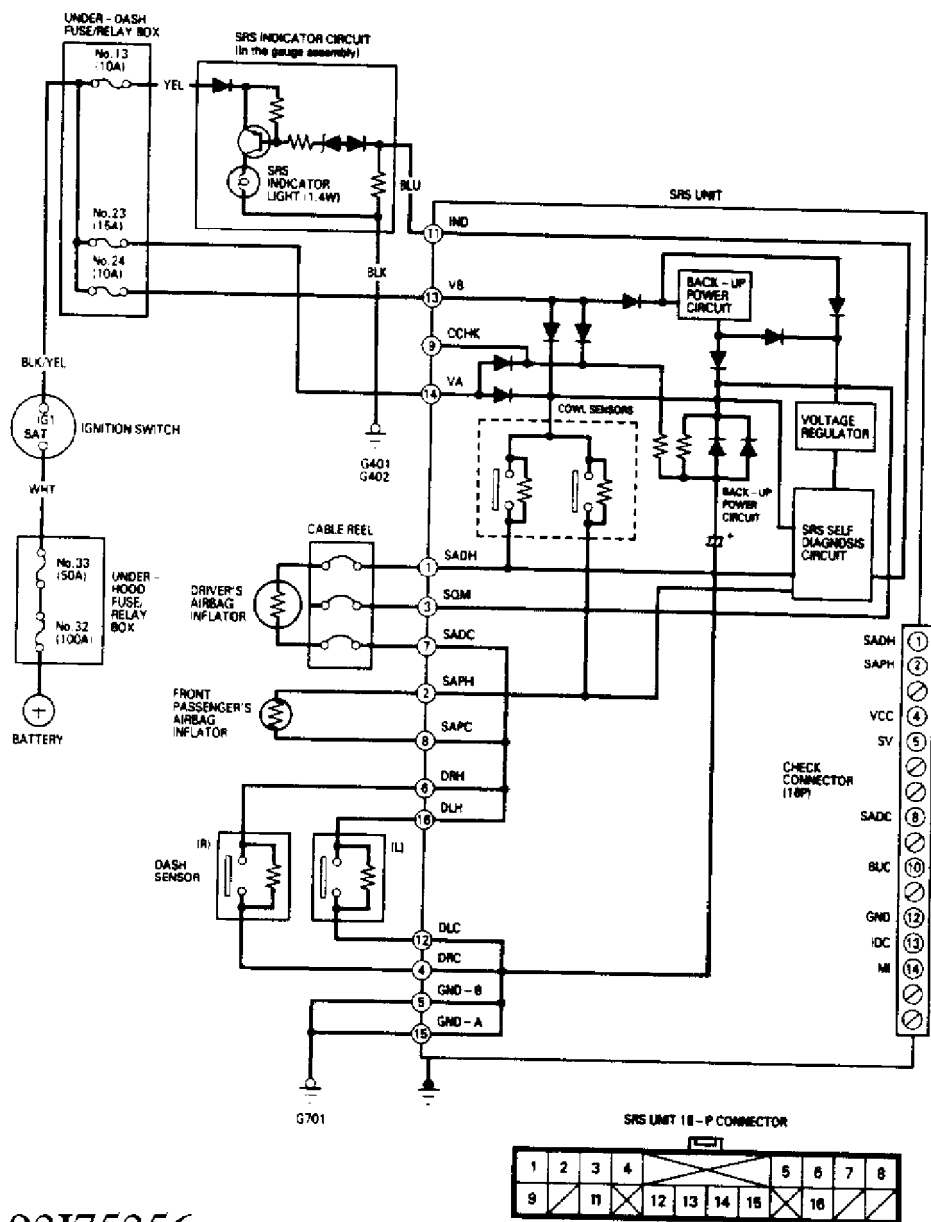
93I75562

Fig. 29: SRS Wiring Diagram (Civic Without Passenger-Side Air Bag)
Courtesy of American Honda Motor Co., Inc.



93H75355

Fig. 30: SRS Wiring Diagram (Civic Del Sol)
Courtesy of American Honda Motor Co., Inc.

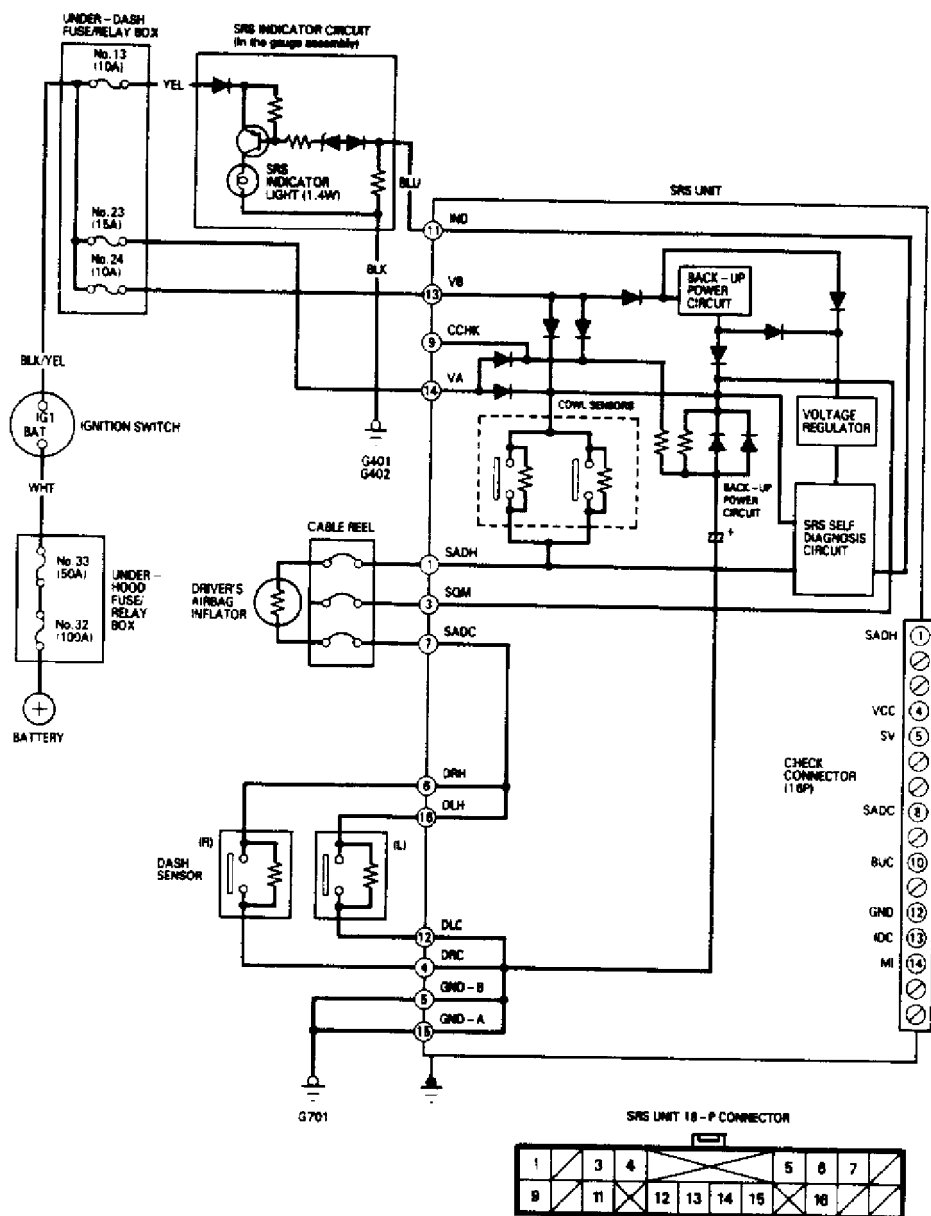


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Fig. 31: SRS Wiring Diagram (Prelude With Passenger-Side Air Bag)

Courtesy of American Honda Motor Co., Inc.

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Fig. 32: SRS Wiring Diagram (Prelude Without Passenger-Side Air Bag)

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