

2004 ACCESSORIES/SAFETY EQUIPMENT

Honda - Air Bag Restraint Systems

DESCRIPTION & OPERATION

WARNING: Accidental air bag deployment is possible. Personal injury may result. Read and follow all **WARNINGS** and **AIR BAG SAFETY PRECAUTIONS** before working on air bag system or related components.

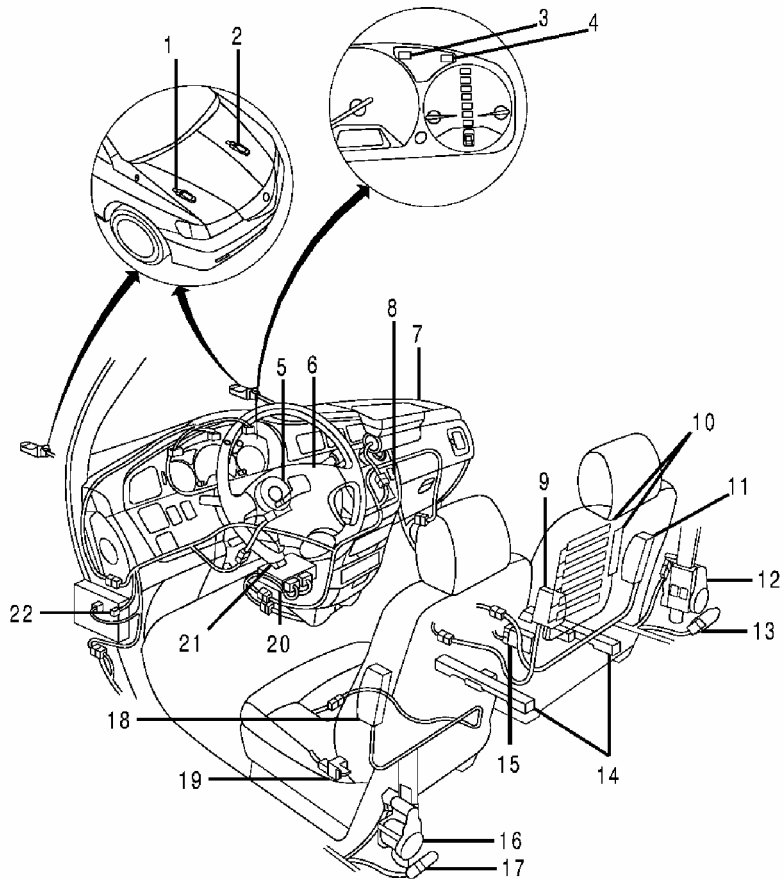
Supplemental Restraint System (SRS) is designed to protect driver and front passenger by activating when vehicle receives a sufficient front or side impact. System includes dual-stage driver-side air bag, dual-stage passenger-side air bag, right and left side impact air bags, right and left side impact sensors, front seat belt pretensioners, right and left front impact sensors, Occupant Position Detection System (OPDS), left front seat position sensor, right front seat weight sensors and weight sensor control unit, SRS unit (with integrated impact and safing sensors) and cable reel. See **COMPONENT LOCATIONS** .

COMPONENT LOCATIONS

Refer to illustration to locate air bag system components. See **Fig. 1** .

2004 Honda Odyssey LX

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- | | |
|--|---|
| 1. Right Front Impact Sensor | 11. Right-Side Air Bag Module |
| 2. Left Front Impact Sensor | 12. Right Seat Belt Pretensioner |
| 3. AIR BAG Warning Light | 13. Right-Side Air Bag Sensor |
| 4. Side AIR BAG Cut-Off Warning Light | 14. Right Front Seat Weight Sensors |
| 5. Cable Reel | 15. Right Front Seat Weight Sensor Unit |
| 6. Dual-Stage Driver-Side Air Bag Module | 16. Left Seat Belt Pretensioner |
| 7. Dual-Stage Passenger-Side Air Bag Module | 17. Left-Side Air Bag Sensor |
| 8. Passenger-Side Air Bag Cut-Off Warning Light | 18. Left-Side Air Bag Module |
| 9. Occupant Position Detection System (OPDS) Unit | 19. Left Front Seat Position Sensor |
| 10. Occupant Position Detection System (OPDS) Sensor | 20. SRS Unit |
| | 21. Data Link Connector (DLC) |
| | 22. Memory Erase Signal (MES) 2-Pin Connector |

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Fig. 1: Identifying Air Bag System Components
Courtesy of AMERICAN HONDA MOTOR CO., INC.

SYSTEM OPERATION CHECK

When ignition is turned on, SRS indicator light should come on for about 6 seconds and go off. While vehicle is driven, light should not come on or flash. If SRS indicator light does not operate as specified, system must be inspected/repaired as soon as possible. See **DIAGNOSTICS**.

AIR BAG SAFETY PRECAUTIONS

Observe these precautions when working with air bag system:

- Carefully inspect any SRS part before installing. DO NOT install any part that shows signs of being dropped or improperly handled, such as dents, cracks or deformation.
- Use only a digital multimeter with an output of 10 milliamp (0.01 amp) or less when switched to smallest value in ohmmeter range. A tester with higher output could damage air bag circuit or cause accidental deployment and possible injury.
- Never perform electrical inspections on air bags, such as measuring resistance.
- DO NOT position yourself in front of air bag during removal, inspection or replacement.
- DO NOT install used SRS parts from another vehicle. When making SRS repairs, use only NEW parts.
- Except when indicated, always disconnect battery cables and wait at least 3 minutes before making SRS repairs.
- DO NOT place objects on passenger-side air bag module.

Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit. Air bags could accidentally deploy and cause damage or injury.

- Radio contains an anti-theft protection circuit. Obtain anti-theft code number before disconnecting battery cables.
- DO NOT try to disassemble air bags, seat belt pretensioners, or SRS unit. There are no serviceable parts. Once an air bag has been deployed or a seat belt tensioner operated, it cannot be repaired or reused.
- Store removed air bags with pad surface up. If air bags are improperly stored face down, accidental deployment could propel unit with enough force to cause serious injury.
- Store removed air bags and seat belt tensioners on a secure flat surface away from any high heat source and free of any oil, grease, detergent or water.
- Store SRS unit in cool and dry place. DO NOT spill water or oil on SRS unit, and keep away from dust.
- Disconnect air bag connectors before disconnecting SRS harness connectors.
- Ensure SRS unit is installed securely.

- Power window control unit must be reset after battery has been disconnected. See **POWER WINDOW CONTROL UNIT RELEARN** under **DISABLING & ACTIVATING AIR BAG SYSTEM**.

DISABLING & ACTIVATING AIR BAG SYSTEM

WARNING: Back-up power supply holds a deployment charge for approximately 3 minutes after negative battery cable is disconnected. Unintentional air bag module deployment is possible. Personal injury may result. Wait 3 minutes after disabling SRS before working on vehicle.

NOTE: When battery is disconnected, certain memory circuits will lose data. When battery is reconnected, it may be necessary to perform appropriate computer relearn procedure. See **COMPUTER RELEARN**.

Radio contains an anti-theft protection circuit. Be sure to get anti-theft code number before disconnecting negative battery cable.

DISABLING SYSTEM

Before removing driver- and passenger-side air bag modules, right and left side impact air bag modules or other SRS related devices (SRS unit, cable reel, side impact sensors, front-impact sensors and seat belt pretensioners), disconnecting connectors from related devices or removing instrument panel or steering column, disconnect air bag module connectors to avoid accidental deployment. Turn ignition switch to OFF position, disconnect negative battery cable and wait at least 3 minutes before beginning the following procedures:

- Before disconnecting left side impact air bag module 2-pin connector, disconnect left seat belt pretensioner 2-pin connector.
- Before disconnecting right side impact air bag module 2-pin connector, disconnect right seat belt pretensioner 2-pin connector.

Driver-side AIR Bag Module

Turn ignition switch to OFF position. Disconnect negative battery cable. Wait at least 3 minutes. Remove access panel from steering wheel. See **Fig. 2**. Disconnect 4-pin connector between air bag and cable reel. Driver-side air bag is now disabled.

Passenger-side AIR Bag Module

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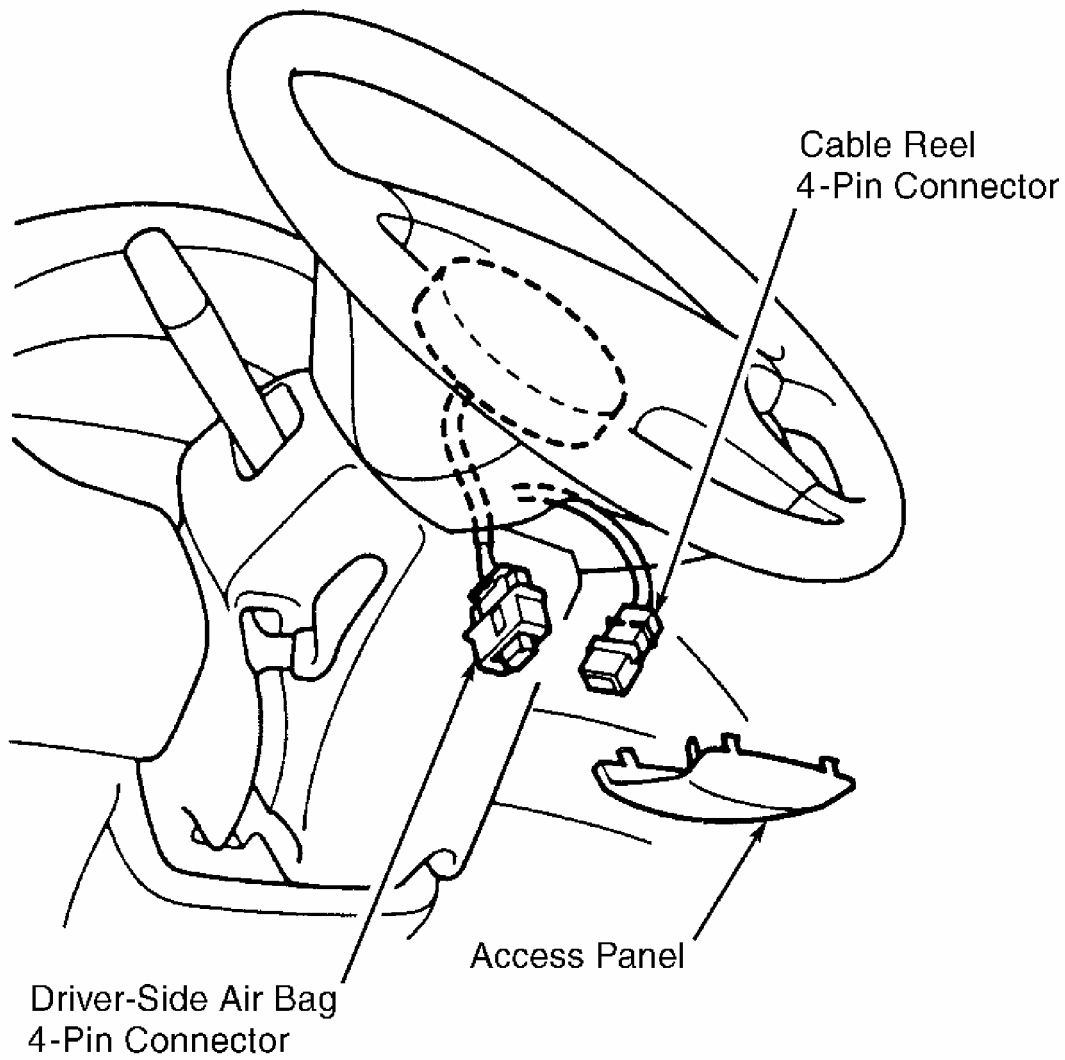
Turn ignition switch to OFF position. Disconnect negative battery cable. Wait at least 3 minutes. Remove glove box. Disconnect 4-pin connector between air bag and SRS harness. See **Fig. 3** . Passenger-side air bag is now disabled.

Side AIR Bag Modules

Turn ignition switch to OFF position. Disconnect negative battery cable. Wait at least 3 minutes. Disconnect appropriate side air bag connector from SRS harness connector. See **Fig. 4** . Side air bag is now disabled.

Seat Belt Pretensioners

Turn ignition switch to OFF position. Disconnect negative battery cable. Wait at least 3 minutes. Remove center pillar lower trim panel. Disconnect appropriate seat belt pretensioner connector from SRS floor harness connector. See **Fig. 5** . Seat belt pretensioner is now disabled.



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Fig. 2: Disabling Driver-side Air Bag
Courtesy of AMERICAN HONDA MOTOR CO., INC.

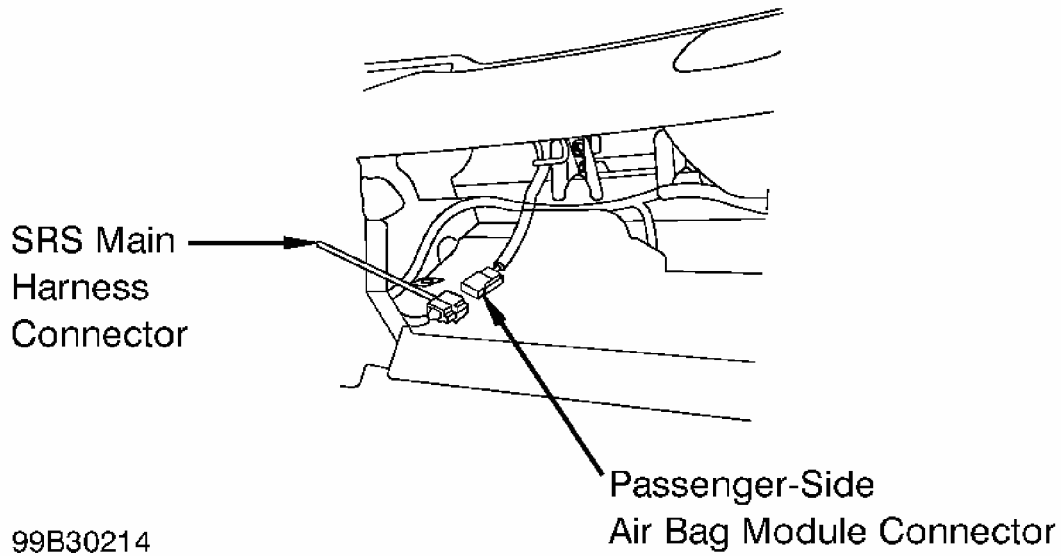
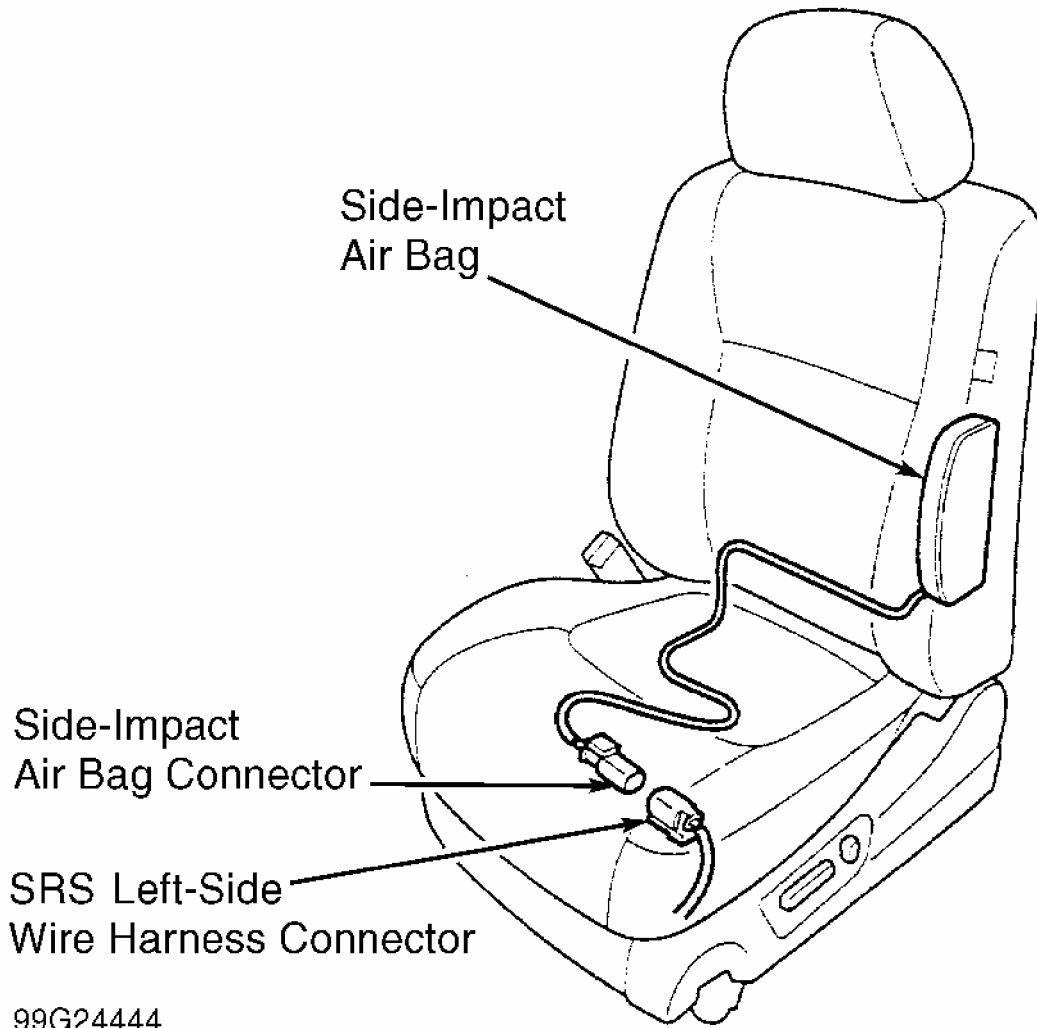


Fig. 3: Disabling Passenger-side Air Bag
Courtesy of AMERICAN HONDA MOTOR CO., INC.



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Fig. 4: Disabling Side Air Bag

Courtesy of AMERICAN HONDA MOTOR CO., INC.

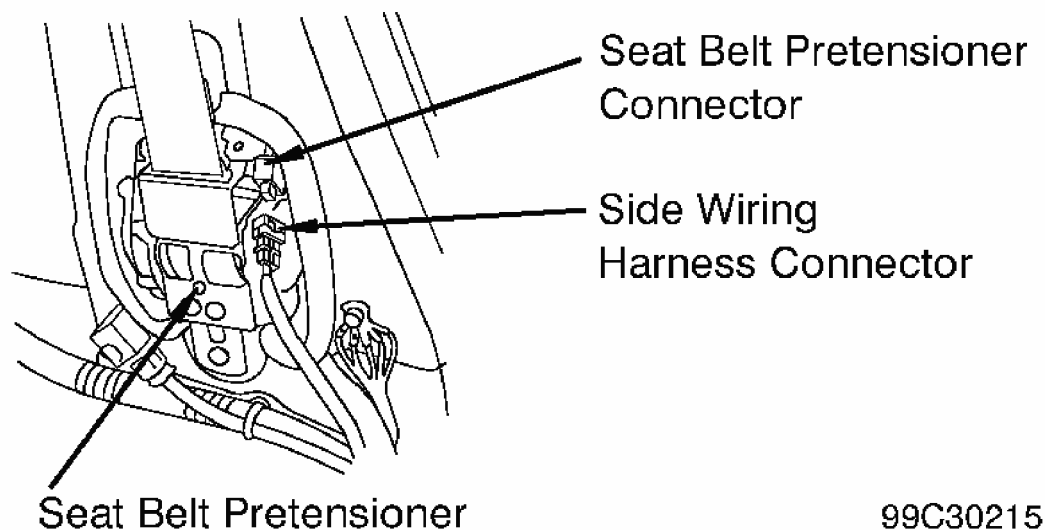


Fig. 5: Disabling Seat Belt Pretensioner

Courtesy of AMERICAN HONDA MOTOR CO., INC.

ACTIVATING SYSTEM

After repairs have been completed, reconnect SRS connectors disconnected during disabling procedure. Install glove box or access panel to steering wheel as necessary. Reconnect battery cables. Check system for proper operation. See **SYSTEM OPERATION CHECK**. Perform computer relearn procedure. See **COMPUTER RELEARN**.

COMPUTER RELEARN

Idle Relearn

When battery is disconnected and reconnected, the idle learn procedure must be done, so the Electronic Control Module (ECM) and Powertrain Control Module (PCM) can learn engine idle characteristics. Make sure all electrical items (A/C, audio, rear defogger, lights, etc.) are off. Start engine and hold it at 3000 RPM with no load (in Park or Neutral) until the radiator fan comes on, or until engine temperature reaches 194°F (90°C). Let engine idle for about 5 minutes, with the throttle completely closed (if radiator fan comes on, do not include its running time in the 5 minutes).

Power Window Control Unit Relearn

Reset power window control unit by lowering left front window to full downward position and

hold left front window switch in DOWN position for 2 seconds. Raise left front window to full upward position and hold left front window switch in UP position for 2 seconds. Power window control unit is now reset.

DISPOSAL PROCEDURES

NOTE: Before scrapping any air bags, including those installed in a vehicle to be scrapped, air bags must be deployed. Treat undeployed air bags with caution. See **AIR BAG SAFETY PRECAUTIONS** . Wear safety glasses and gloves when handling deployed air bag modules. Wash hands and rinse well with water after handling deployed air bag modules.
If vehicle is still within warranty period, contact manufacturer for disposal instructions before deploying air bags.

AIR BAG & SEAT BELT PRETENSIONER DEPLOYMENT

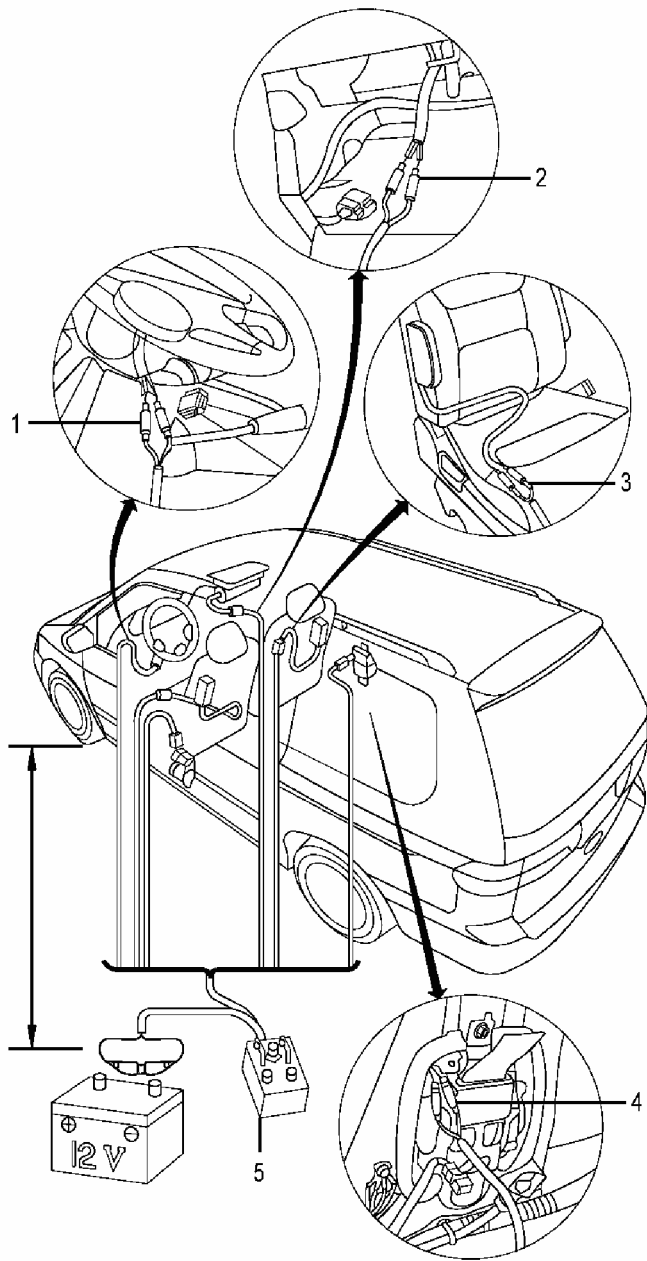
NOTE: If vehicle is to be scrapped, perform on-vehicle air bag deployment procedure. Air bags should not be considered salvageable parts, and should never be installed in another vehicle.

On-vehicle

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Turn ignition switch to OFF position. Disconnect negative battery cable and wait at least 3 minutes. Ensure air bags and pretensioners to be deployed are securely fastened to vehicle. Check proper operation of Deployment Tool (07HAZ-SG00400) by following instructions on tool.
2. To deploy driver-side air bag, remove access panel from steering wheel. See **Fig. 2** . Disconnect driver-side air bag 4-pin connector from cable reel connector. To deploy passenger-side air bag, remove glove box. Disconnect passenger-side air bag 4-pin connector from SRS main harness. See **Fig. 3** . To deploy side impact air bag, disconnect side impact air bag 2-pin connector from SRS side wiring harness. See **Fig. 4** . To deploy seat belt pretensioners, disconnect seat belt pretensioner 2-pin connectors from side wiring harness. See **Fig. 5** . Pull seat belt all the way out of retractor and cut belt.

NOTE: Dual-stage driver and passenger-side air bags have 4 wires each, 2 Yellow wires (first inflator) and 2 Red wires (second inflator). Twist each pair of like color wires together and connect one alligator clip from deployment tool to each twisted pair.

3. To deploy any air bag or pretensioner, cut off air bag or pretensioner connector and strip back 1" (25.4 mm) of insulation from wire ends. Connect Yellow alligator clips of deployment tool to uninsulated wire ends. See [Fig. 6](#) . Place deployment tool at least 30 feet (9.1 m) away from air bag or pretensioner.
4. Connect a 12-volt battery to deployment tool. If Red light on deployment tool comes on, go to next step. If Green light on deployment tool comes on, air bag or pretensioner ignitor circuit is faulty. See **DAMAGED AIR BAG OR SEAT BELT PRETENSIONER SPECIAL PROCEDURE** .
5. Stand at least 30 feet (9.1 m) away from air bag or pretensioner. Push deployment switch to deploy air bag or pretensioner. If air bag or pretensioner deploys, wait 30 minutes before removing and disposing of complete air bag or pretensioner assembly. Place in a sturdy plastic bag and seal securely. If air bag or pretensioner does not deploy, ignitor circuit is faulty.



- 1. Driver-Side Air Bag Module
- 2. Passenger-Side Air Bag Module
- 3. Side Air Bag Module
- 4. Seat Belt Pretensioner
- 5. Deployment Tool

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Fig. 6: Deploying Installed Air Bags And Seat Belt Pretensioners
Courtesy of AMERICAN HONDA MOTOR CO., INC.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Turn ignition switch to OFF position. Disconnect negative battery cable and wait at least 3 minutes. Check proper operation of Deployment Tool (07HAZ-SG00400) by following instructions on tool. Remove air bag module or seat belt pretensioner to be deployed. See **REMOVAL & INSTALLATION** . When deploying seat belt pretensioners, pull seat belt all the way out of retractor and cut belt.

NOTE: **Dual-stage driver and passenger-side air bags have 4 wires, 2 Yellow wires (first inflator) and 2 Red wires (second inflator). Twist each pair of like color wires together and connect one alligator clip from deployment tool to each twisted pair.**

2. Air bag modules are to be deployed face up. Place air bag or pretensioner outdoors on flat ground. To deploy any air bag or pretensioner, cut off air bag or pretensioner connector and strip back 1" (25.4 mm) of insulation from wire ends. Connect Yellow alligator clips of deployment tool to uninsulated wire ends. See **Fig. 7** . Place deployment tool at least 30 feet (9.1 m) away from air bag.
3. Connect a 12-volt battery to deployment tool. If Red light on deployment tool comes on, go to next step. If Green light on deployment tool comes on, ignitor circuit is faulty. See **DAMAGED AIR BAG OR SEAT BELT PRETENSIONER SPECIAL PROCEDURE** .
4. Stand at least 30 feet (9.1 m) away from air bag or seat belt pretensioner. Push deployment switch, to deploy component. If air bag or pretensioner deploys, wait 30 minutes before removing and disposing of complete air bag or pretensioner assembly. Place in a sturdy plastic bag and seal securely. If air bag or pretensioner does not deploy, ignitor circuit is faulty. See **DAMAGED AIR BAG OR SEAT BELT PRETENSIONER SPECIAL PROCEDURE** .

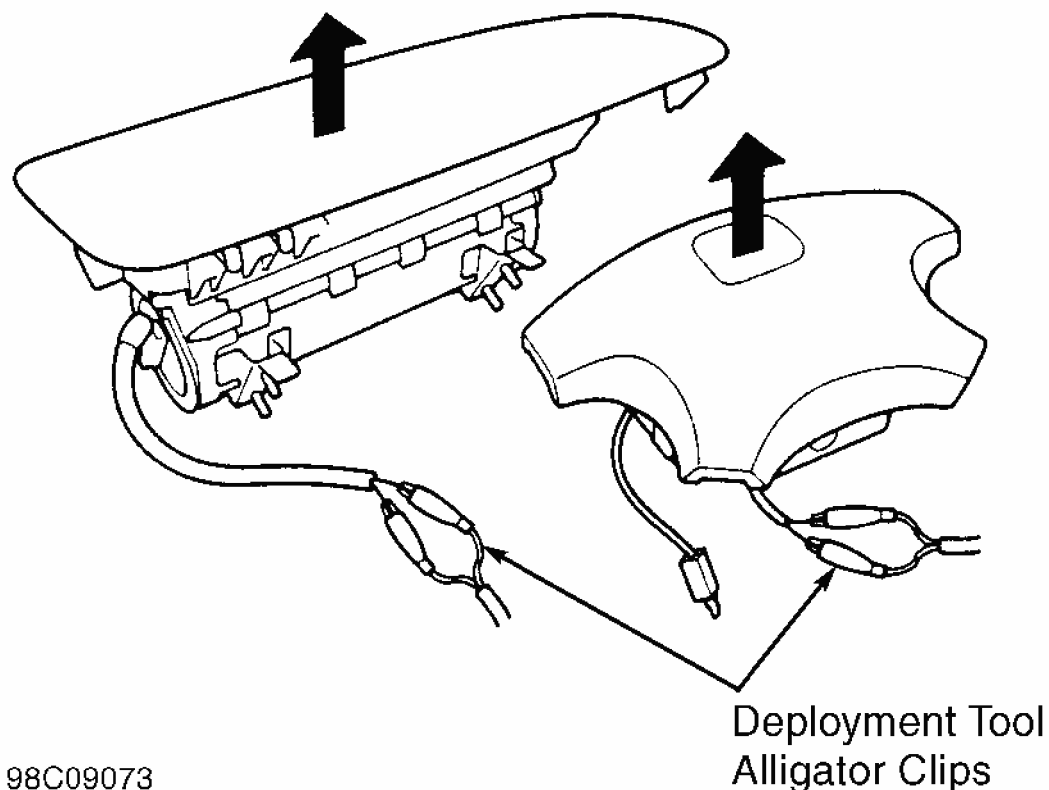


Fig. 7: Deploying Removed Air Bag (Driver & Passenger-side Air Bags Shown, Side Impact Air Bags & Seat Belt Pretensioners Are Similar)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

DAMAGED AIR BAG OR SEAT BELT PRETENSIONER SPECIAL PROCEDURE

1. If air bag or pretensioner is installed in a vehicle, follow removal procedure. See **REMOVAL & INSTALLATION** . In all cases, short air bag or pretensioner inflator by twisting wires together.
2. Package air bag or pretensioner in same packaging that replacement part came in. Mark outside of box "DAMAGED AIR BAG NOT DEPLOYED" so it is not confused in parts stock. Contact manufacturer for disposal instructions.

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 **AIR BAG/SRS COMPONENT INSPECTION &**

REPLACEMENT TABLES article in the GENERAL INFORMATION section.

REMOVAL & INSTALLATION

WARNING: Accidental air bag deployment is possible. Personal injury may result. Read and follow all **WARNINGS** and **AIR BAG SAFETY PRECAUTIONS** before working on air bag system or related components.

NOTE: Radio contains an anti-theft protection circuit. Obtain anti-theft code number before disconnecting battery cables.

CABLE REEL

Removal

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Ensure front wheels are aligned straight ahead. Remove driver-side air bag assembly. See **DRIVER-SIDE AIR BAG MODULE** .
2. Disconnect horn, radio remote and cruise control switch connectors at center of steering wheel. See **Fig. 8** . Remove steering wheel bolt. Using a steering wheel puller, remove steering wheel. Remove dashboard lower cover. See **Fig. 9** . Remove steering column cover retaining screws and upper and lower column covers. See **Fig. 10** . Disconnect cable reel connectors from main harness. See **Fig. 11** . Disengage cable reel retaining tab and remove cable reel.

Installation

If unsure of cable reel position, perform cable reel centering procedure. See **CABLE REEL CENTERING** under **ADJUSTMENTS**. To install, reverse removal procedure. Prior to installing cable reel onto steering column, align turn signal cancel sleeve projections vertically. See **Fig. 12** . Install NEW steering wheel bolt and tighten to specification. See **TORQUE SPECIFICATIONS** . Activate air bag system. See **ACTIVATING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**.

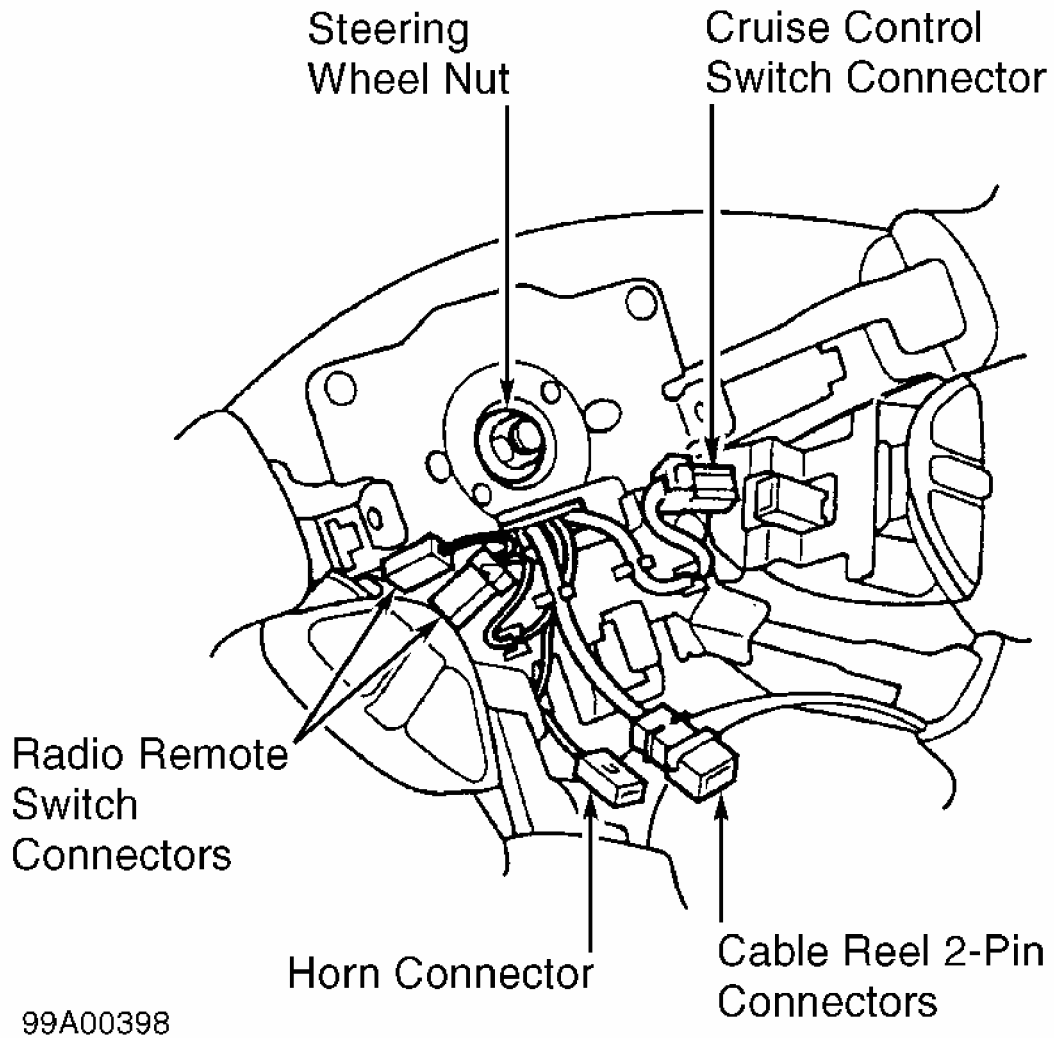
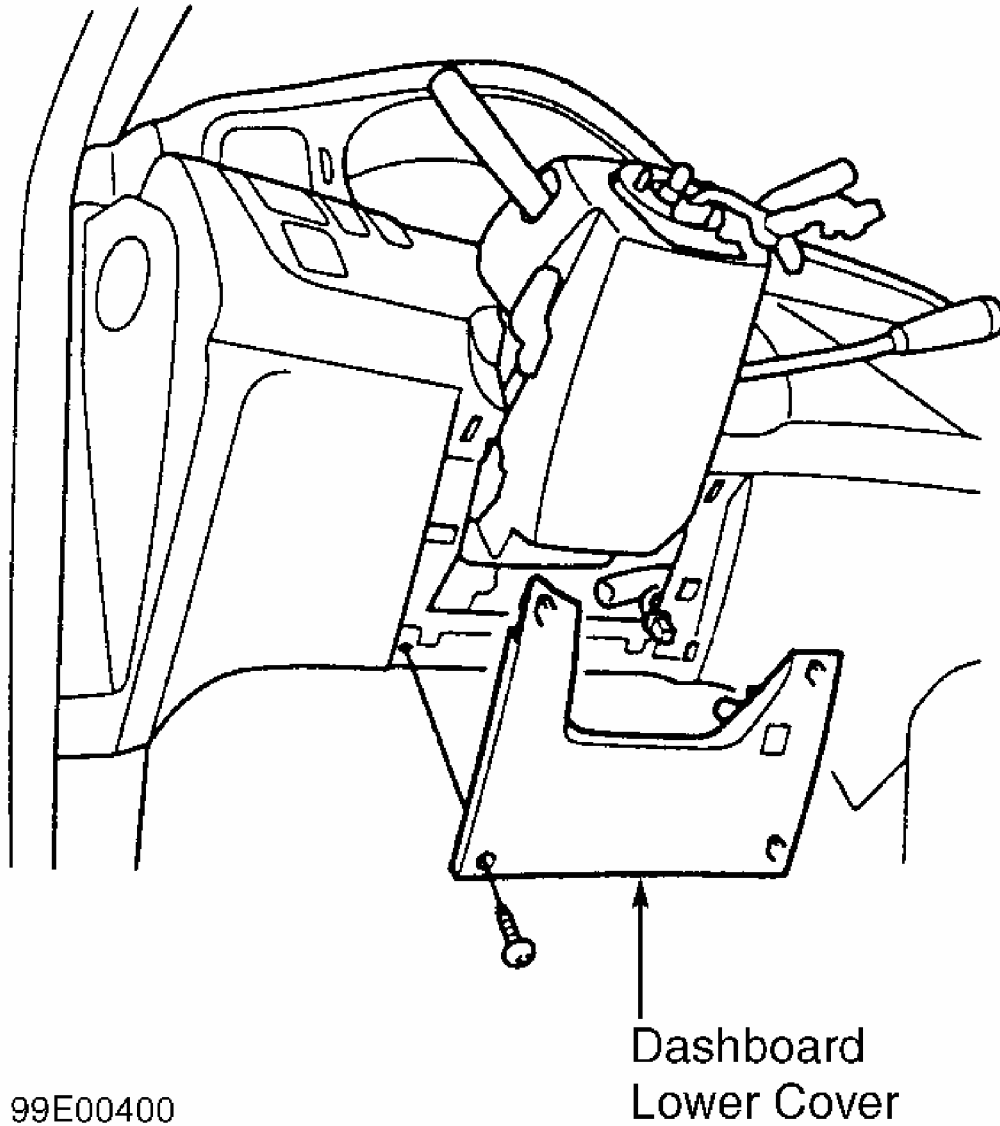
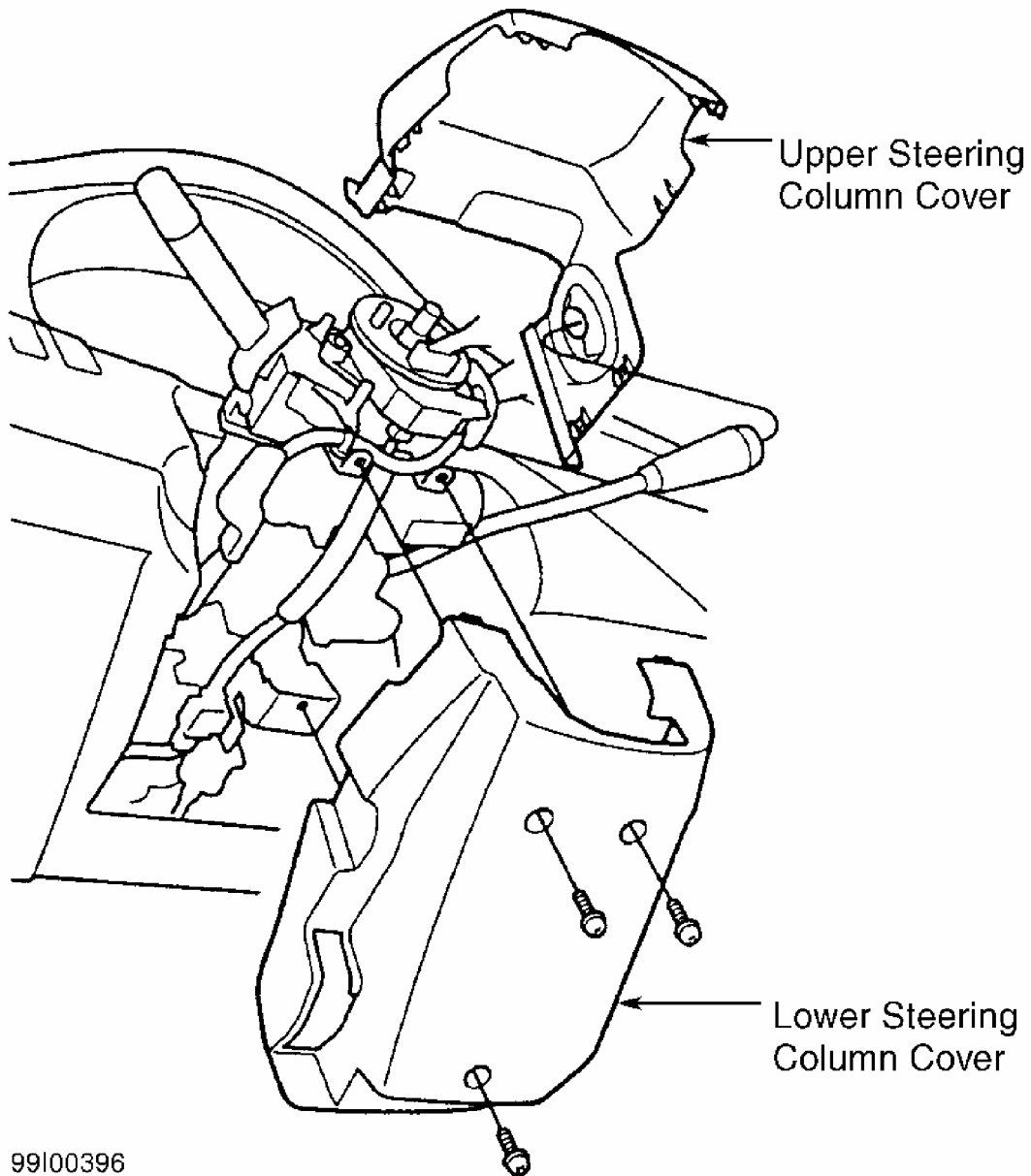


Fig. 8: Identifying Horn, Radio Remote & Cruise Control Switch Connectors
Courtesy of AMERICAN HONDA MOTOR CO., INC.



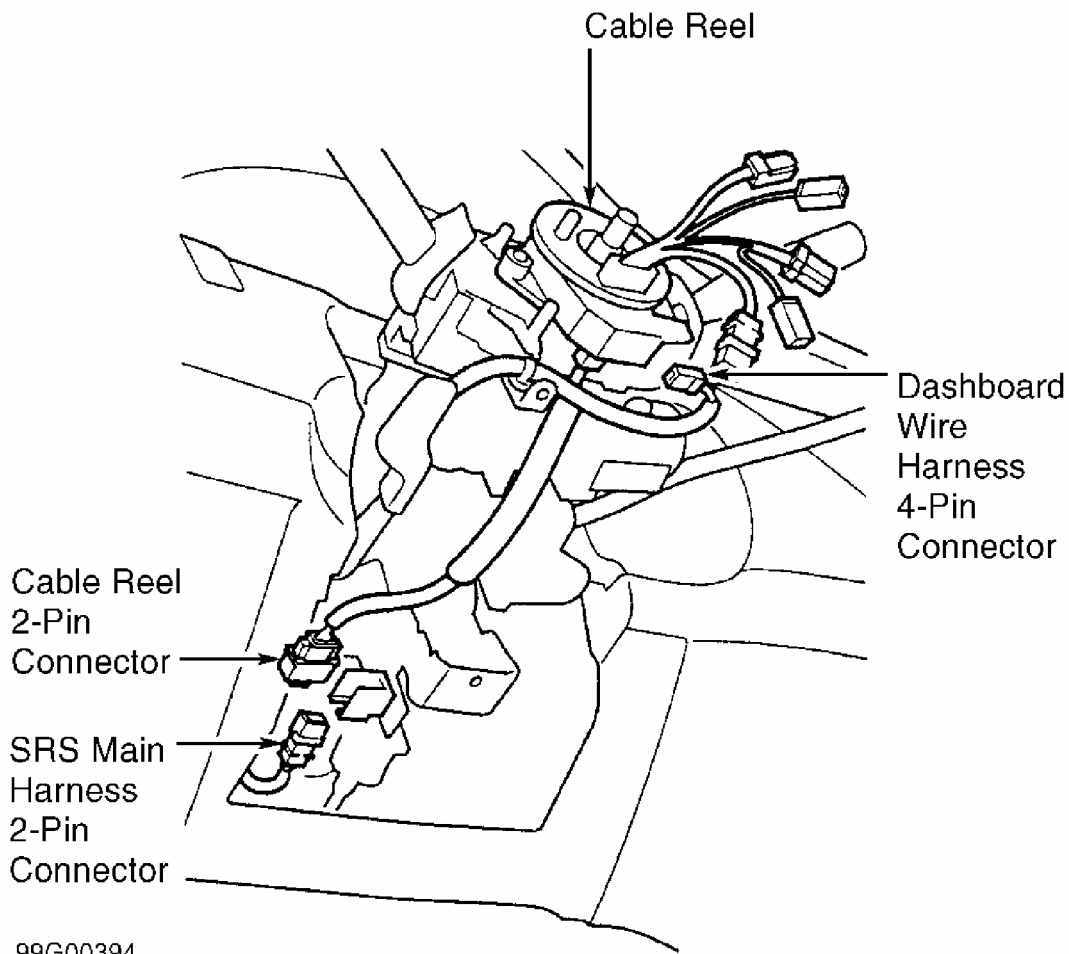
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Fig. 9: Identifying Dashboard Lower Cover
Courtesy of AMERICAN HONDA MOTOR CO., INC.



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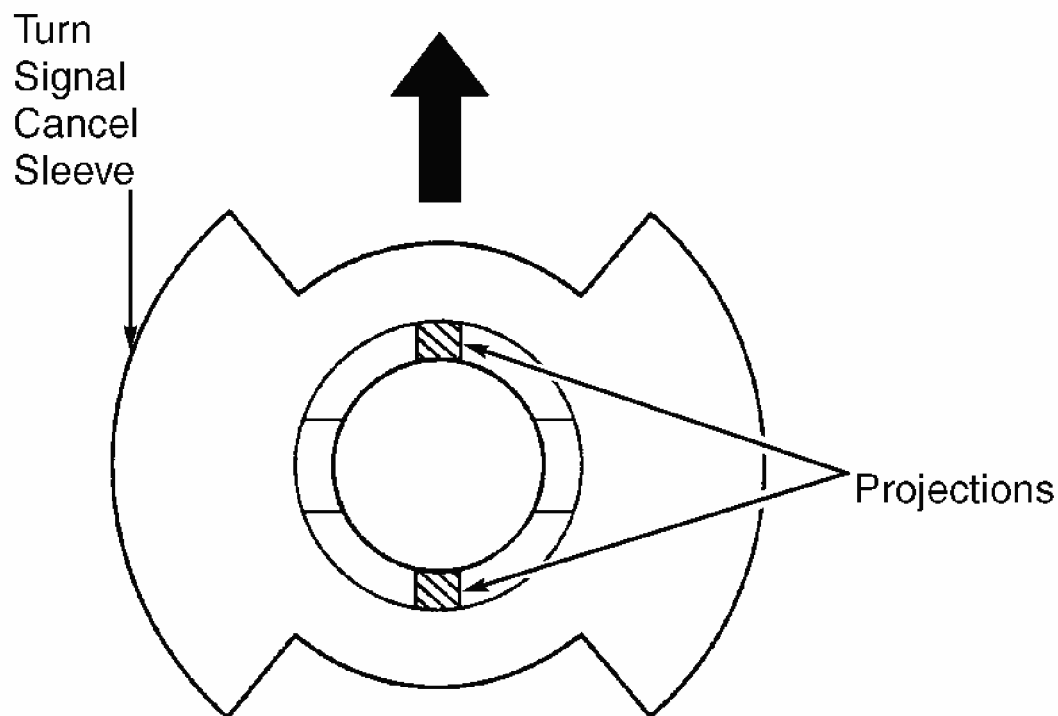
Fig. 10: Identifying Steering Column Covers
Courtesy of AMERICAN HONDA MOTOR CO., INC.



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Fig. 11: Identifying Cable Reel

Courtesy of AMERICAN HONDA MOTOR CO., INC.



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Fig. 12: Aligning Turn Signal Cancel Sleeve
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

DRIVER-SIDE AIR BAG MODULE

Removal & Installation

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Using Torx T30 bit, remove and discard Torx bolts securing air bag assembly to steering wheel. See **Fig. 13** . Remove air bag module. See **Fig. 14** .
2. To install, position **NEW** air bag assembly in steering wheel. Secure with **NEW** Torx bolts. Tighten Torx bolts to specification. See **TORQUE SPECIFICATIONS** . Activate air bag system. See **ACTIVATING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**.

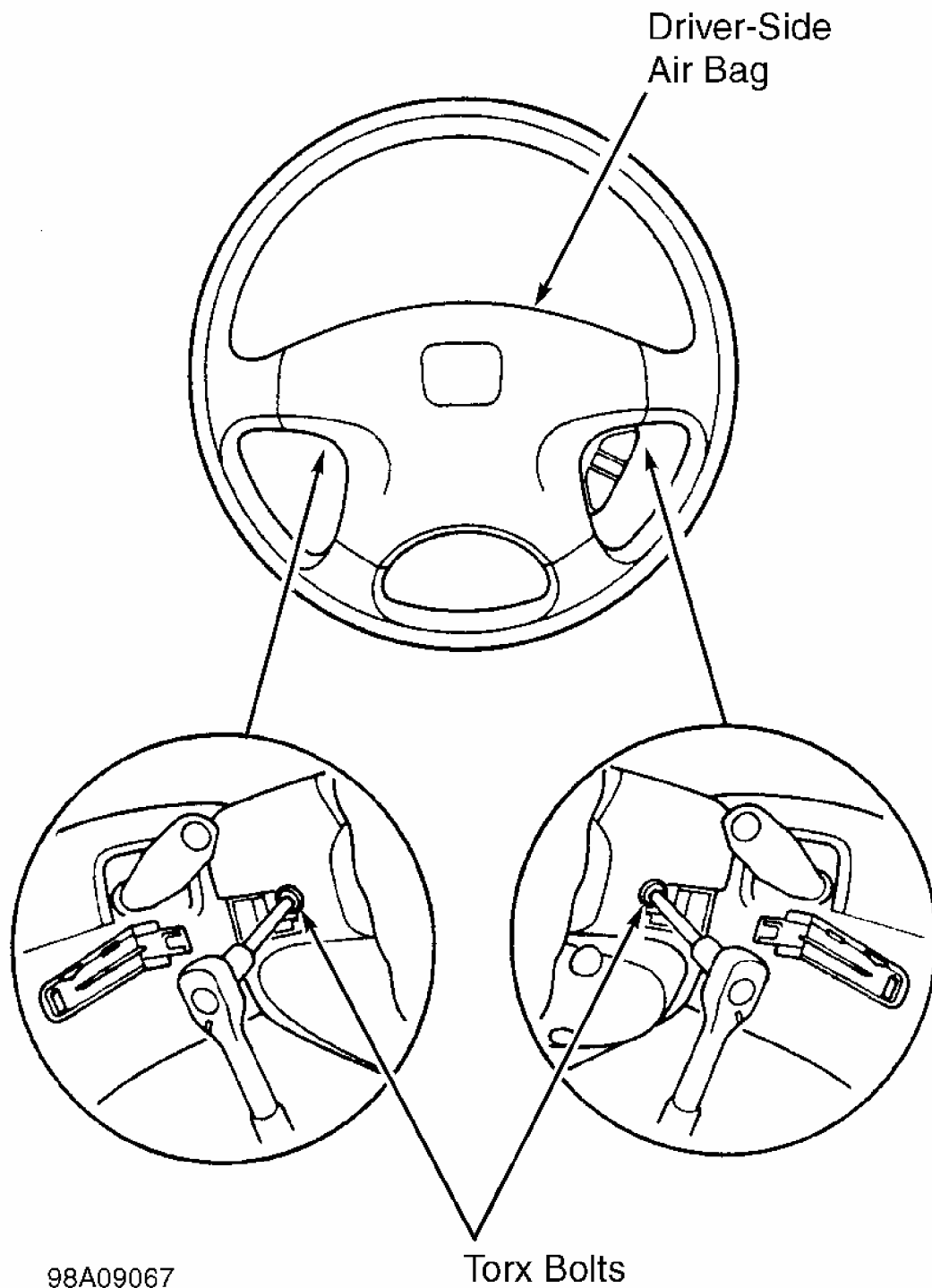


Fig. 13: Removing Driver-side Air Bag Torx Bolts
Courtesy of AMERICAN HONDA MOTOR CO., INC.

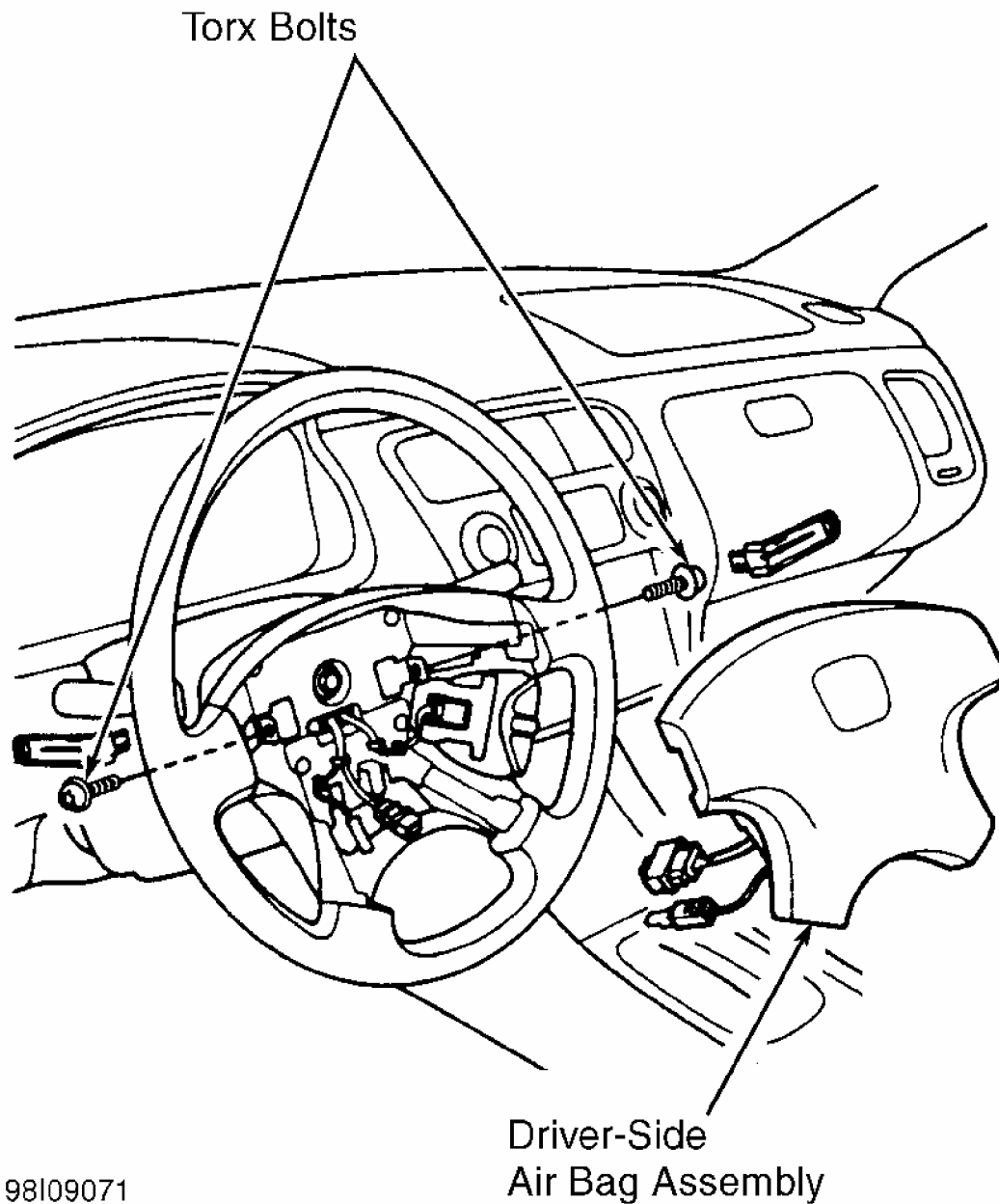


Fig. 14: Identifying Driver-side Air Bag Assembly
Courtesy of AMERICAN HONDA MOTOR CO., INC.

FRONT IMPACT SENSOR

NOTE: Do not turn ignition switch to ON position or connect negative

battery cable during front impact sensor removal and installation procedure.

Removal & Installation

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Disconnect driver- and passenger-side air bag 4-pin connectors, and right and left seat belt pretensioner 2-pin connectors. See **Fig. 2** , **Fig. 3** & **Fig. 5** .
2. Remove battery. Disconnect evaporative emission canister hose. Disconnect front impact sensor 2-pin electrical connector. See **Fig. 15** . Using T30 Torx bit, remove and discard front impact sensor mounting bolts. Remove front impact sensor.
3. To install, reverse removal procedure. Install NEW front impact sensor mounting bolts and tighten to specification. See **TORQUE SPECIFICATIONS** . Activate air bag system. See **ACTIVATING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**.

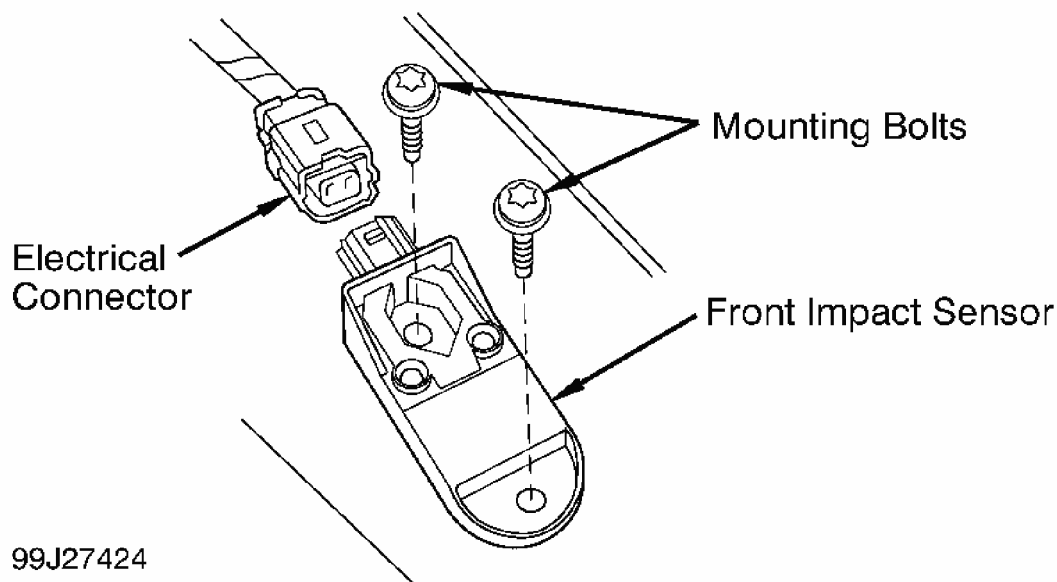


Fig. 15: Identifying Front Impact Sensor
Courtesy of HONDA

FRONT SEAT

Removal & Installation

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Detach retaining clips from appropriate front riser trim covers and remove covers. Detach retaining clips from rear riser trim cover and remove cover. Remove front seat anchor bolts. Lift up front seat, note position of front seat electrical connectors, and disconnect connectors. With help from an assistant, remove front seat through front door opening.
2. To install, reverse removal procedure. Tighten front seat anchor bolts to specification. See **TORQUE SPECIFICATIONS** . Activate air bag system. See **ACTIVATING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**.

FRONT SEAT BELT BUCKLE

Removal & Installation

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Remove appropriate front seat. See **FRONT SEAT** .
2. Disengage seat belt buckle harness retainers and disconnect electrical connector. Remove seat belt buckle anchor bolt and seat belt buckle.
3. To install, reverse removal procedure. Tighten front seat belt buckle anchor bolt to specification. See **TORQUE SPECIFICATIONS** . Activate air bag system. See **ACTIVATING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**.

INSTRUMENT CLUSTER

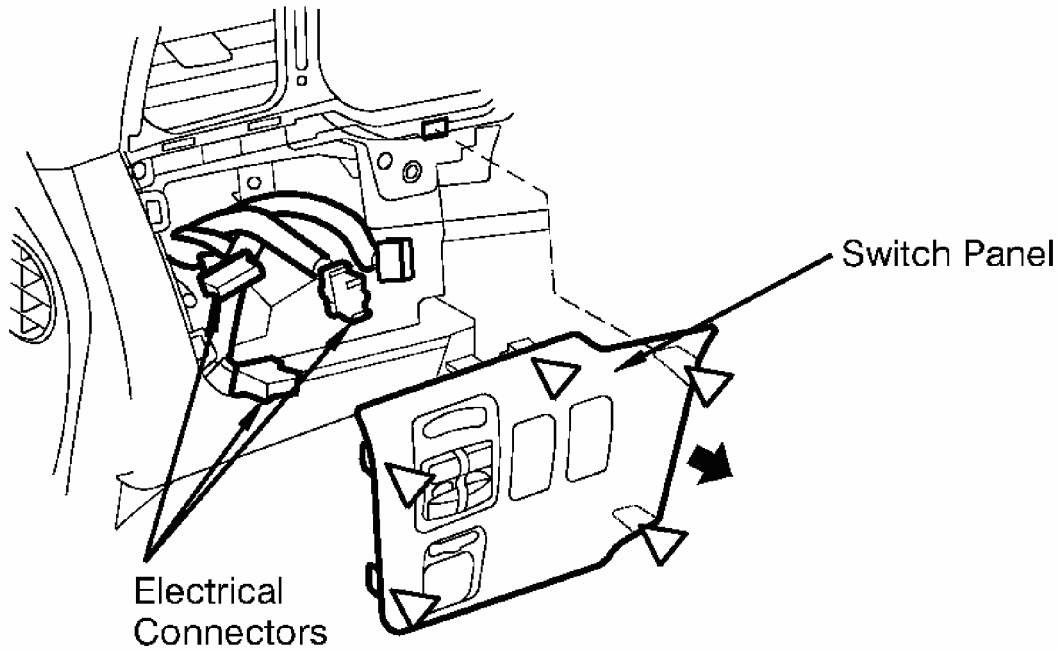
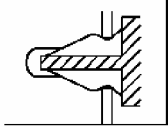
Removal & Installation

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**.
2. Gently pull out on right side of driver switch panel to release retaining clips. See **Fig. 16** . Continue pulling on switch panel to release remaining retaining clips. Disconnect switch panel electrical connectors and remove switch panel.
3. Place tilt steering column in Neutral position. Remove retaining screws from lower steering column cover and remove upper and lower steering column covers. See **Fig. 10** . Carefully pull out on center panel to release retaining clips. See **Fig. 17** . Disconnect center panel electrical connectors and remove center panel.
4. Lower tilt steering column to downward position. Remove instrument trim panel retaining screws. See **Fig. 18** . Gently pull out on top of instrument trim panel to release retaining clips. Disconnect instrument trim panel electrical connectors and remove trim panel. Remove instrument cluster retaining screws. See **Fig. 19** . Disconnect instrument cluster electrical connectors and remove instrument cluster

5. To install, reverse removal procedure. Activate air bag system. See **ACTIVATING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**.

Fastener Locations

▷ : Clip, 5



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Fig. 16: Identifying Switch Panel
Courtesy of HONDA

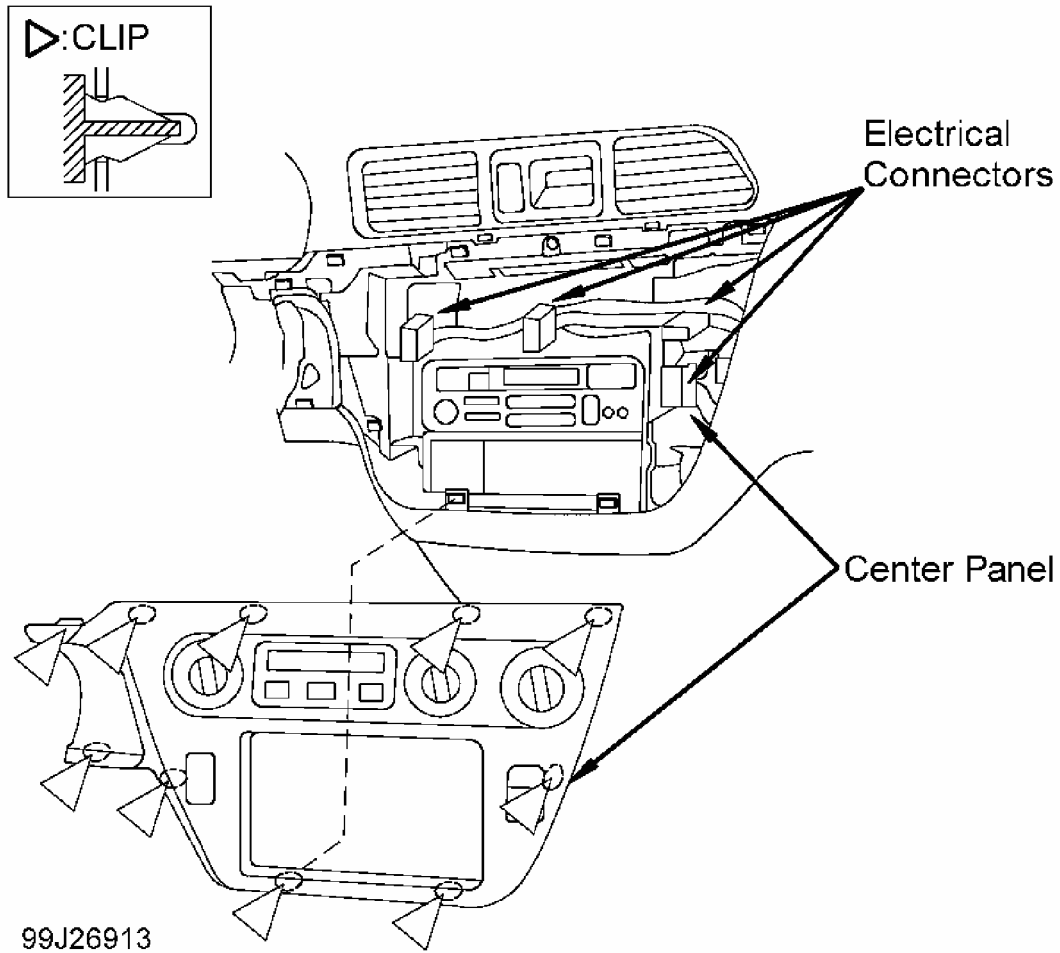


Fig. 17: Identifying Center Panel
Courtesy of HONDA

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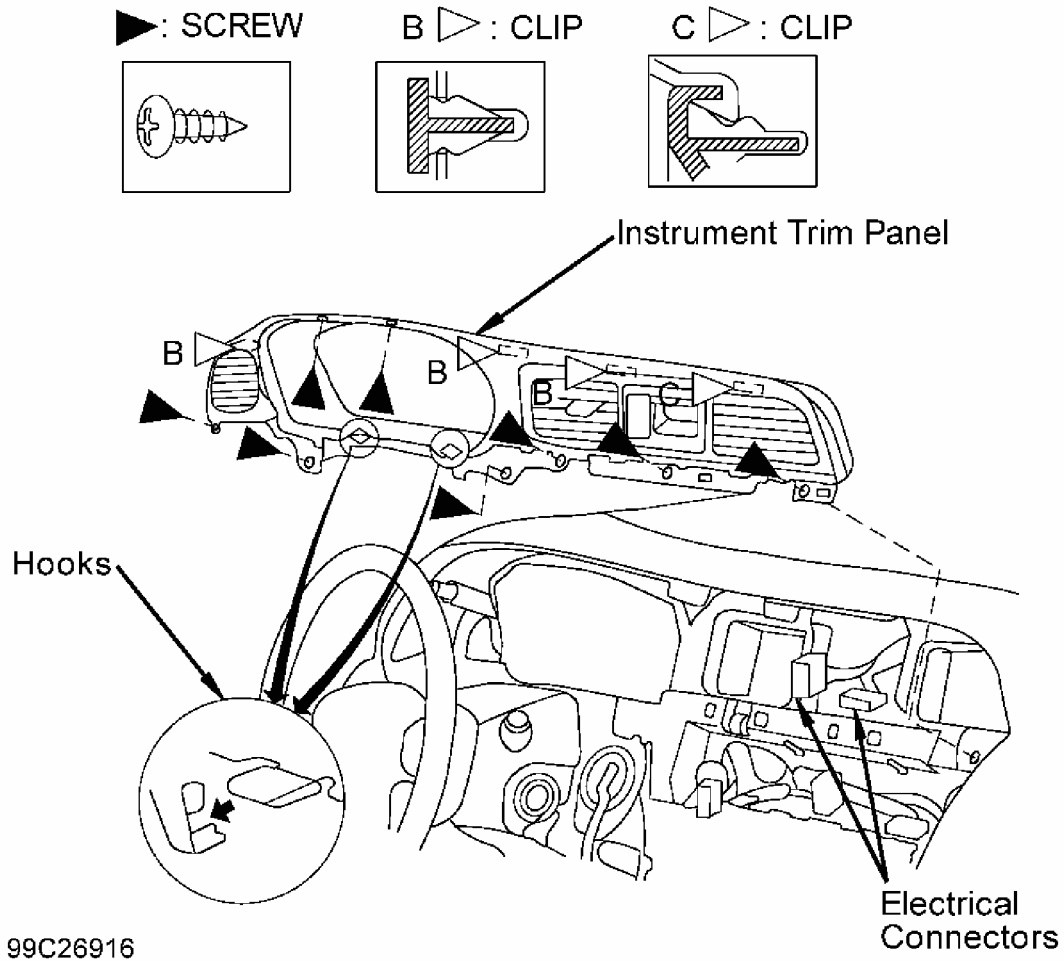


Fig. 18: Identifying Instrument Trim Panel
Courtesy of HONDA

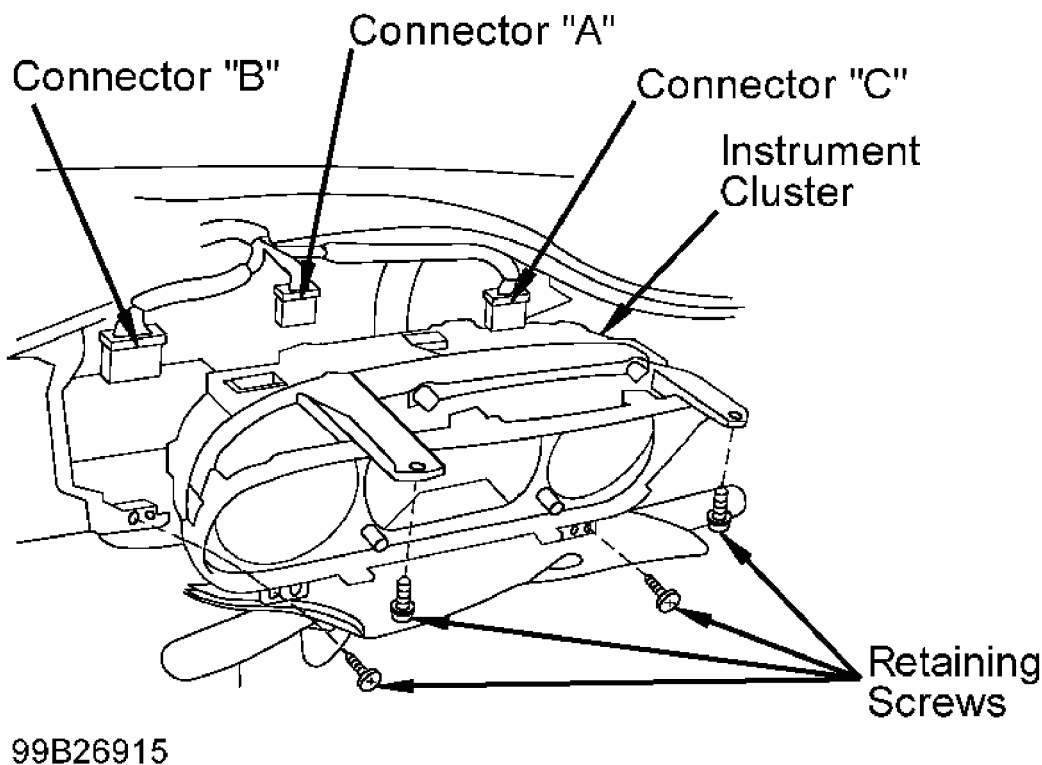


Fig. 19: Identifying Instrument Cluster
Courtesy of HONDA

OCCUPANT POSITION DETECTION SYSTEM (OPDS) SENSOR

OPDS sensor removal and installation procedures were not available.

OCCUPANT POSITION DETECTION SYSTEM (OPDS) UNIT

CAUTION: Touching or placing oil on OPDS sensor can cause sensor damage. Air bag system malfunction may result. Keep OPDS sensor free of contaminants and contact during removal and installation of OPDS unit.

Removal & Installation

1. Before proceeding, see AIR BAG SAFETY PRECAUTIONS . Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Remove right front seat. See **FRONT SEAT**

2. Unzip zipper, located at rear of armrest, and pull back armrest cover. Remove armrest center pin (bolt), armrest and armrest pins. Pry out grab handle screw caps and remove retaining screws and grab handle. Remove lumbar support knob clip and knob, if equipped. Fold seat back to forward position.
3. Release hooks at bottom of seat back cover and unzip zippers. Fold back seat back cover. Release all seat back inside springs. Release hooks securing side air bag reinforcing cloth from seat back frame. Fold back edge of seat back cover, all the way around, and release retaining clips. Lift and pull out headrest release button. Remove headrest guide retaining screw and headrest guide. Remove seat back cover.
4. Disconnect OPDS unit electrical connectors. See **Fig. 20** . Remove OPDS unit mounting screws and OPDS unit.
5. To install, reverse removal procedure. Activate air bag system. See **ACTIVATING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**.

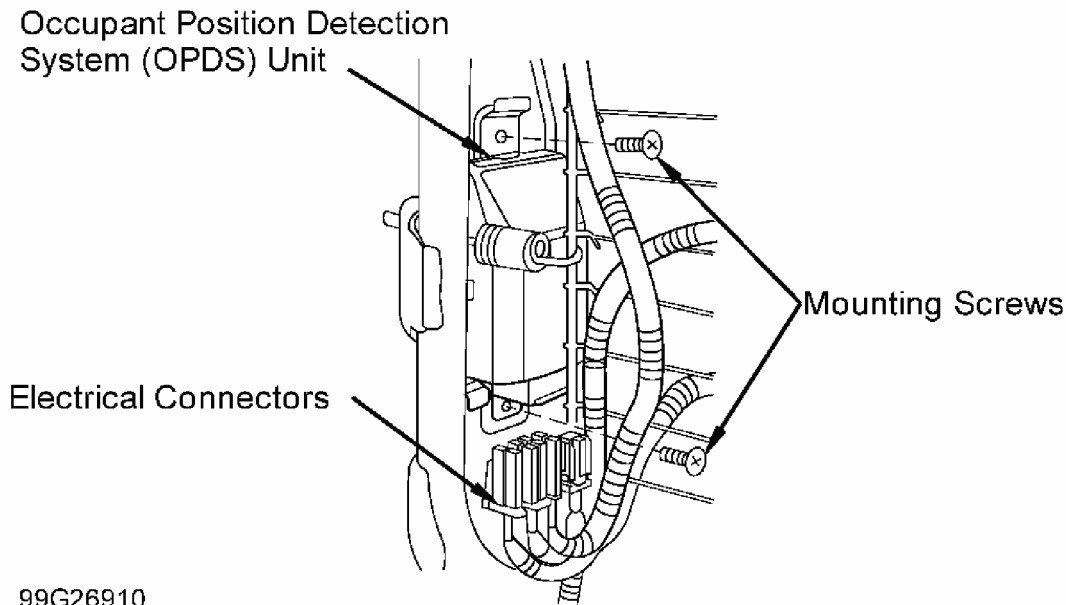


Fig. 20: Identifying Occupant Position Detection System (OPDS) Unit
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

PASSENGER-SIDE AIR BAG CUT-OFF INDICATOR

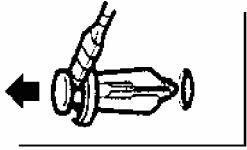
Removal & Installation

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system.

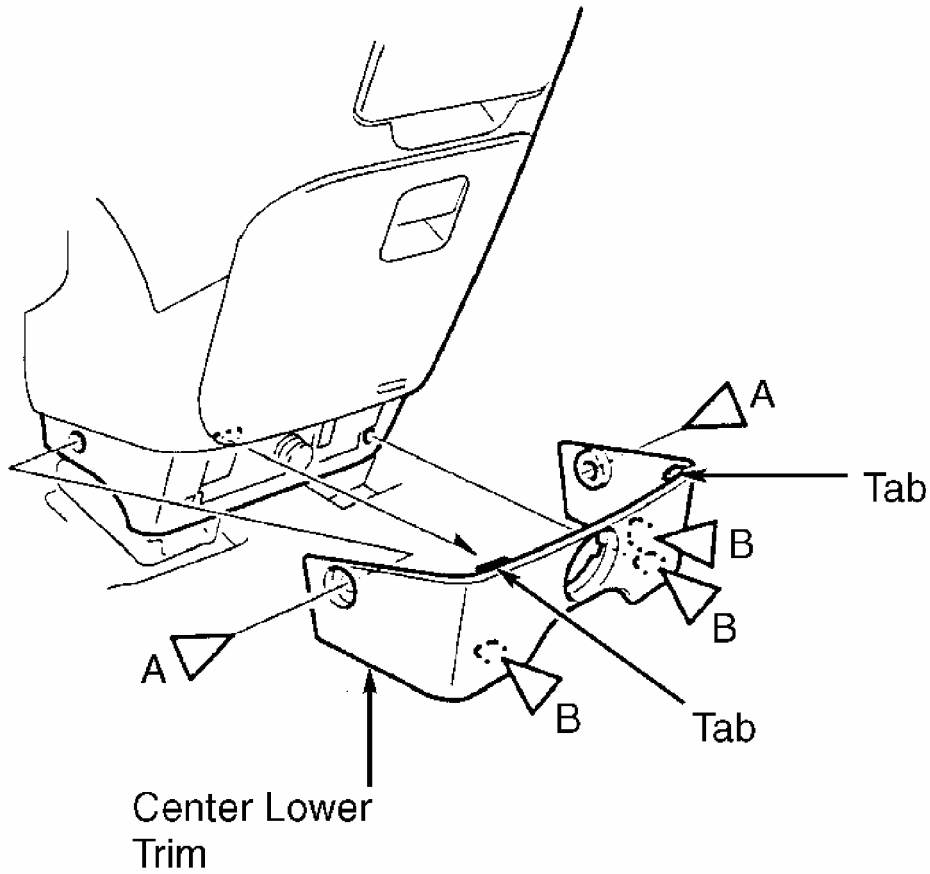
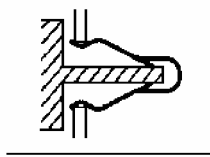
See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Remove center lower trim. See **Fig. 21** . On models equipped with navigation system, remove DVD trim panel. Remove DVD player retaining screws. Disconnect DVD player electrical connectors and remove DVD player. On all models, disconnect center lower pocket light connector and remove center lower pocket. See **Fig. 22** .

2. Remove center lower console retaining screws. Gently pull out console. Disconnect console electrical connectors and remove console. From behind center panel, disconnect passenger-side air bag cut-off indicator electrical connector. See **Fig. 23** . Push passenger-side air bag cut-off indicator out of center panel.
3. To install, reverse removal procedure. Activate air bag system. See **ACTIVATING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**.

A ▷ : Clip



B ▷ : Clip



99G00386

Fig. 21: Identifying Center Lower Trim

Courtesy of AMERICAN HONDA MOTOR CO., INC.

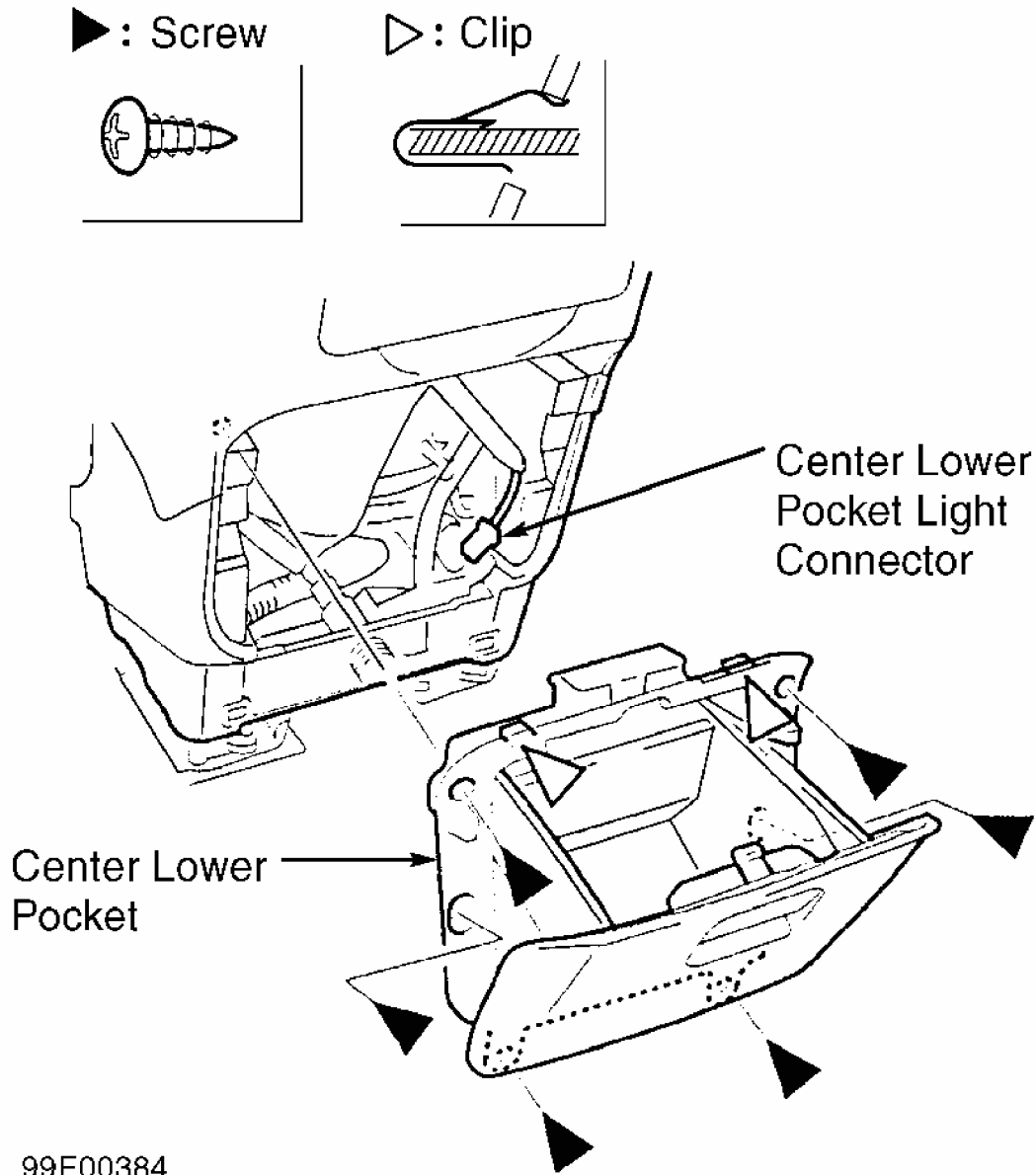
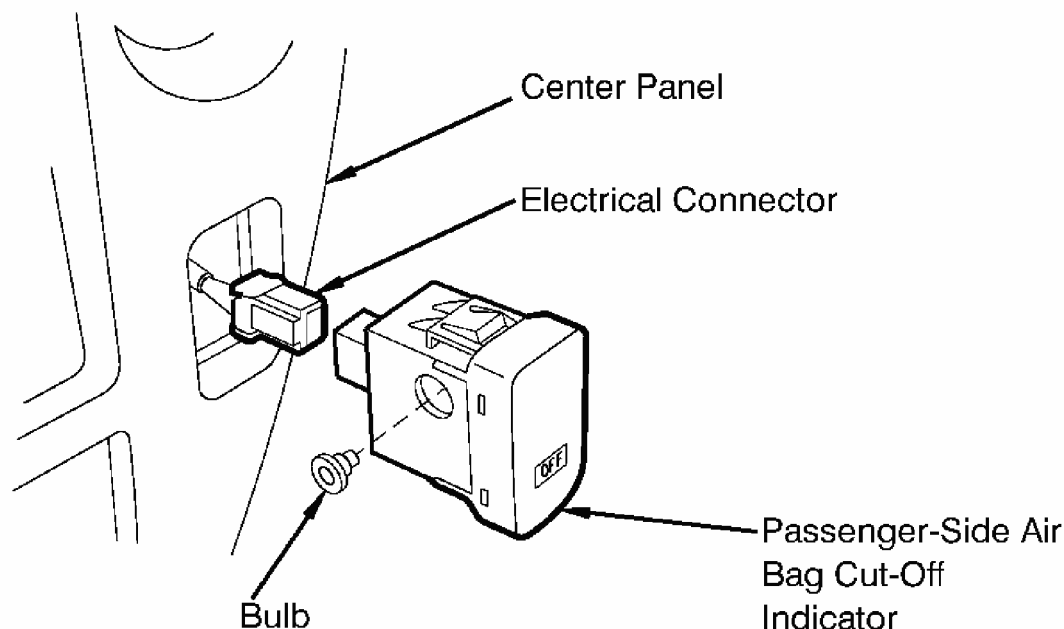


Fig. 22: Identifying Center Lower Pocket
Courtesy of AMERICAN HONDA MOTOR CO., INC.



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Fig. 23: Identifying Passenger-side Air Bag Cut-off Indicator
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

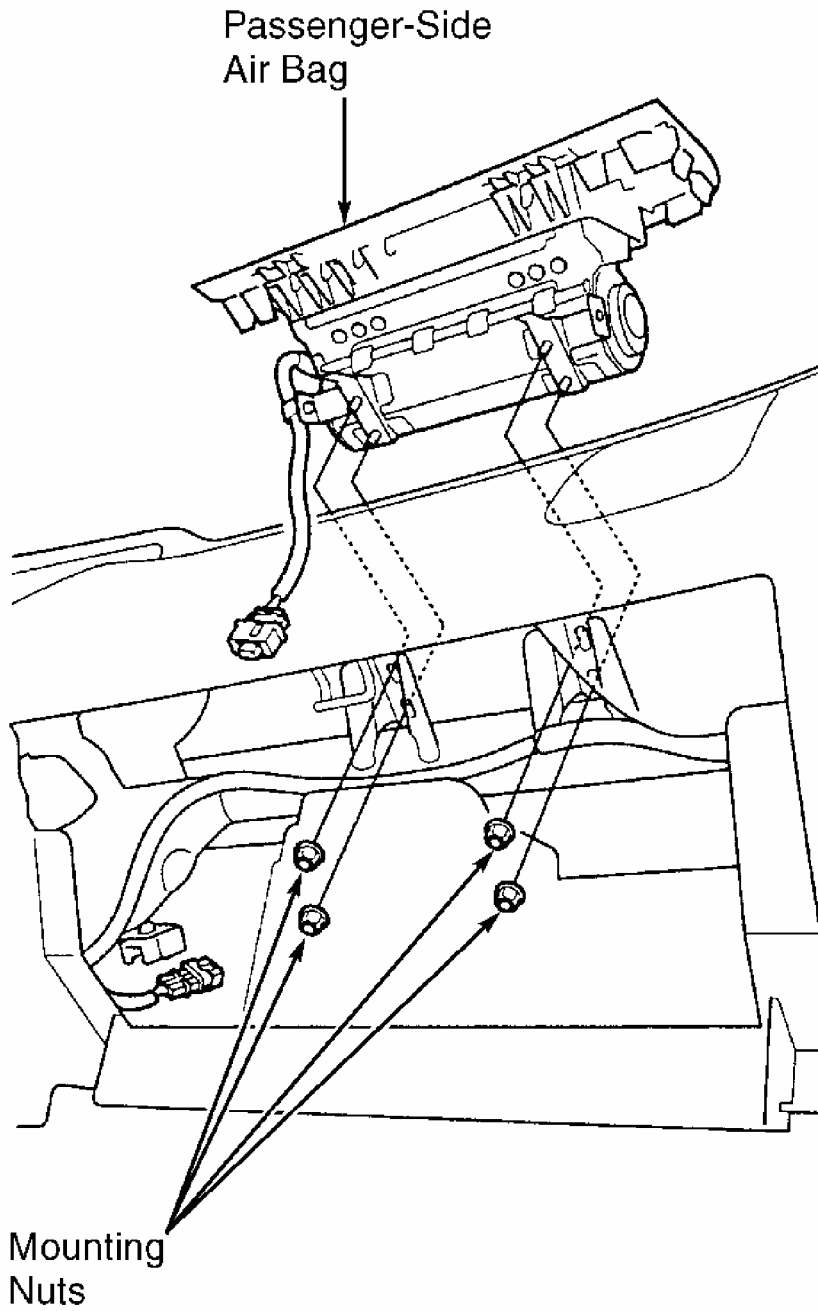
PASSENGER-SIDE AIR BAG MODULE

Removal & Installation

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS**. Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Remove air bag mounting nuts from bracket. See **Fig. 24**. Carefully lift air bag assembly out of dashboard.

NOTE: Air bag assembly lid has side pawls which attach it to dashboard. To remove air bag assembly, cover lid and dashboard with a cloth, and pry carefully with a flat-tip screwdriver.

2. To install, reverse removal procedure. Tighten passenger-side air bag mounting nuts to specification. See **TORQUE SPECIFICATIONS**. Activate air bag system. See **ACTIVATING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**.

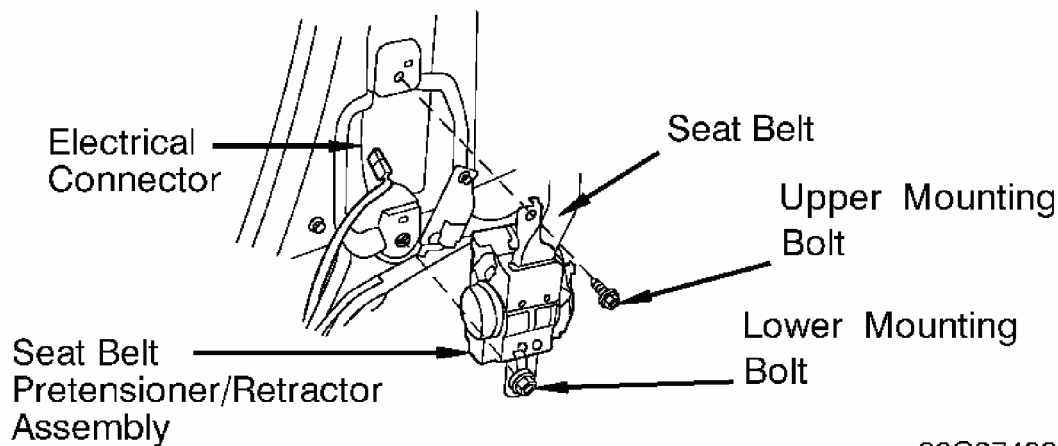


99J00322

Fig. 24: Identifying Passenger-side Air Bag Assembly
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Removal & Installation

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Position appropriate front seat to full forward position. Remove seat riser rear cover and seat belt anchor bolt. Remove center pillar lower trim panel. Remove seat belt upper anchor bolt. Remove seat belt pretensioner/retractor mounting bolts. See **Fig. 25** . Remove seat belt pretensioner/retractor assembly.
2. To install, reverse removal procedure. Apply liquid thread lock to anchor bolt prior to installation. Ensure anchor bolt washers, collars, and lock washers are properly installed. Tighten seat belt pretensioner mounting bolts and upper and lower seat belt anchor bolts to specification. See **TORQUE SPECIFICATIONS** . Activate air bag system. See **ACTIVATING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**.



99G27439

Fig. 25: Identifying Seat Belt Pretensioner/retractor Assembly
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

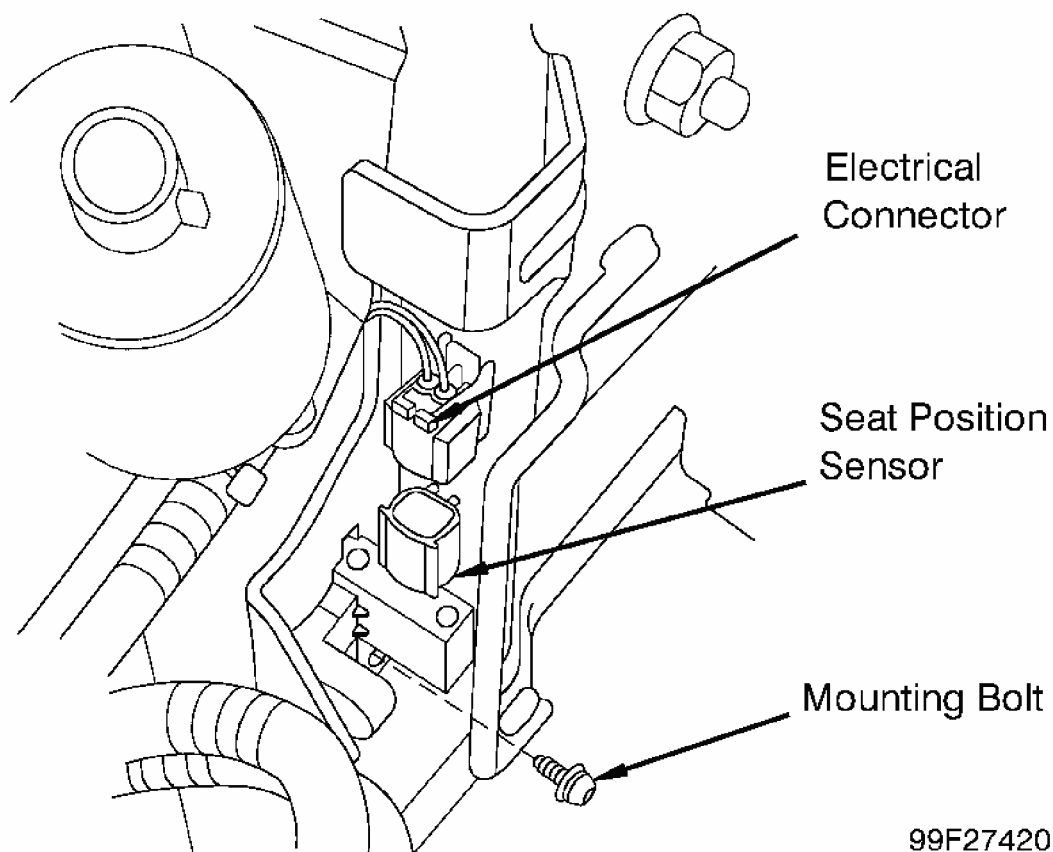
SEAT POSITION SENSOR**Removal & Installation**

NOTE: Do not turn ignition switch to ON position or connect negative battery cable during seat position sensor removal and installation procedure.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system.

See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Disconnect driver-side air bag module 4 pin connector. See **Fig. 2** . Remove left front seat. See **FRONT SEAT** .

2. On models equipped with power seat, disconnect seat harness 2-pin connector. On models not equipped with power seat, disconnect seat position sensor 2-pin connector. See **Fig. 26** . On all models, remove seat position sensor mounting bolt and sensor.
3. To install, reverse removal procedure. Ensure seat wiring harness is not pinched or interfering with moving parts. Tighten seat position sensor mounting bolt to specification. See **TORQUE SPECIFICATIONS** . Activate air bag system. See **ACTIVATING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Perform seat position sensor operation check. See **SEAT POSITION SENSOR OPERATION CHECK** under **DIAGNOSTICS**.



99F27420

Fig. 26: Identifying Seat Position Sensor

Courtesy of AMERICAN HONDA MOTOR CO., INC.

SIDE AIR BAG MODULE

Removal & Installation

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Remove appropriate front seat. See **FRONT SEAT** .
2. Unzip zipper, located at rear of armrest, and pull back armrest cover. Remove armrest center pin (bolt), armrest and armrest pins. Pry out grab handle screw caps and remove retaining screws and grab handle. Remove lumbar support knob clip and knob, if equipped. Fold seat back to forward position.
3. Release hooks at bottom of seat back cover and unzip zippers. Fold back seat back cover. Release all seat back inside springs. Release hooks securing side air bag reinforcing cloth from seat back frame. Fold back edge of seat back cover, all the way around, and release retaining clips.
4. Lift and pull out headrest release button. Remove headrest guide retaining screw and headrest guide. Remove seat back cover. Remove and discard side air bag mounting nuts and air bag module. See **Fig. 27** .

CAUTION: Improper installation of side air bag harness may cause harness to be pinched or caught in seat frame or mechanisms. Damage to side air bag harness may result. Ensure harness is properly routed during air bag module installation.

5. To install, reverse removal procedure. If side impact air bag module lid is fixed by tape, remove tape. Install NEW side air bag mounting nuts and tighten to specification. See **TORQUE SPECIFICATIONS** . Activate air bag system. See **ACTIVATING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**.

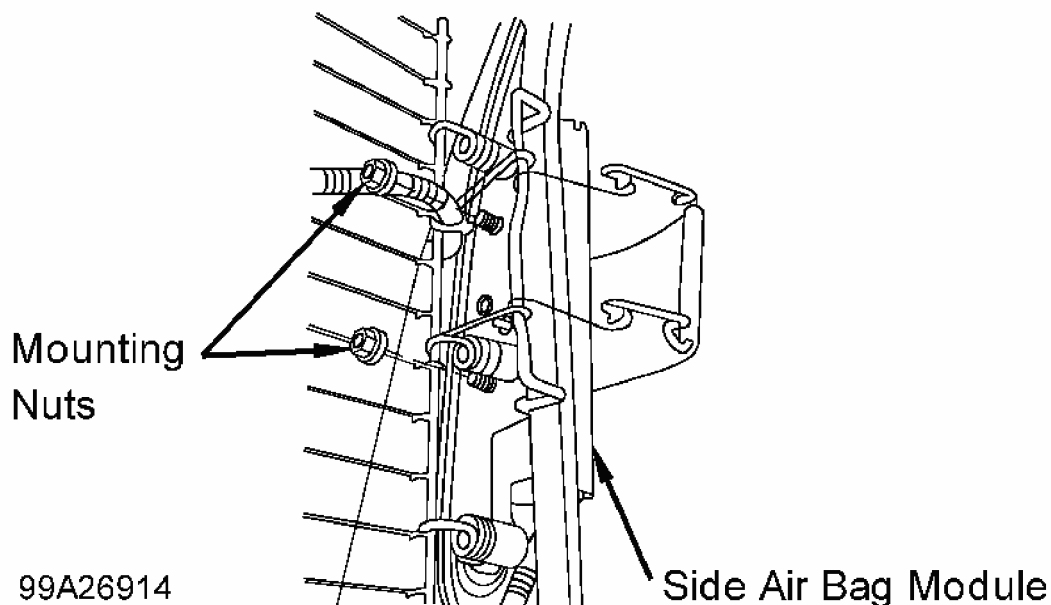


Fig. 27: Identifying Side Air Bag Module

Courtesy of AMERICAN HONDA MOTOR CO., INC.

SIDE IMPACT SENSOR

NOTE: Do not turn ignition switch to ON position or connect negative battery cable during side impact sensor removal and installation procedure.

Removal & Installation

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Remove appropriate front seat. See **FRONT SEAT** . Remove center pillar lower trim panel. Disconnect side impact sensor electrical connector from side impact sensor. See **Fig. 28** . Using T30 Torx bit, remove side impact sensor mounting bolts and remove sensor.
2. To install, reverse removal procedure. Tighten side impact sensor mounting bolts to specification. See **TORQUE SPECIFICATIONS** . Activate air bag system. See **ACTIVATING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM.

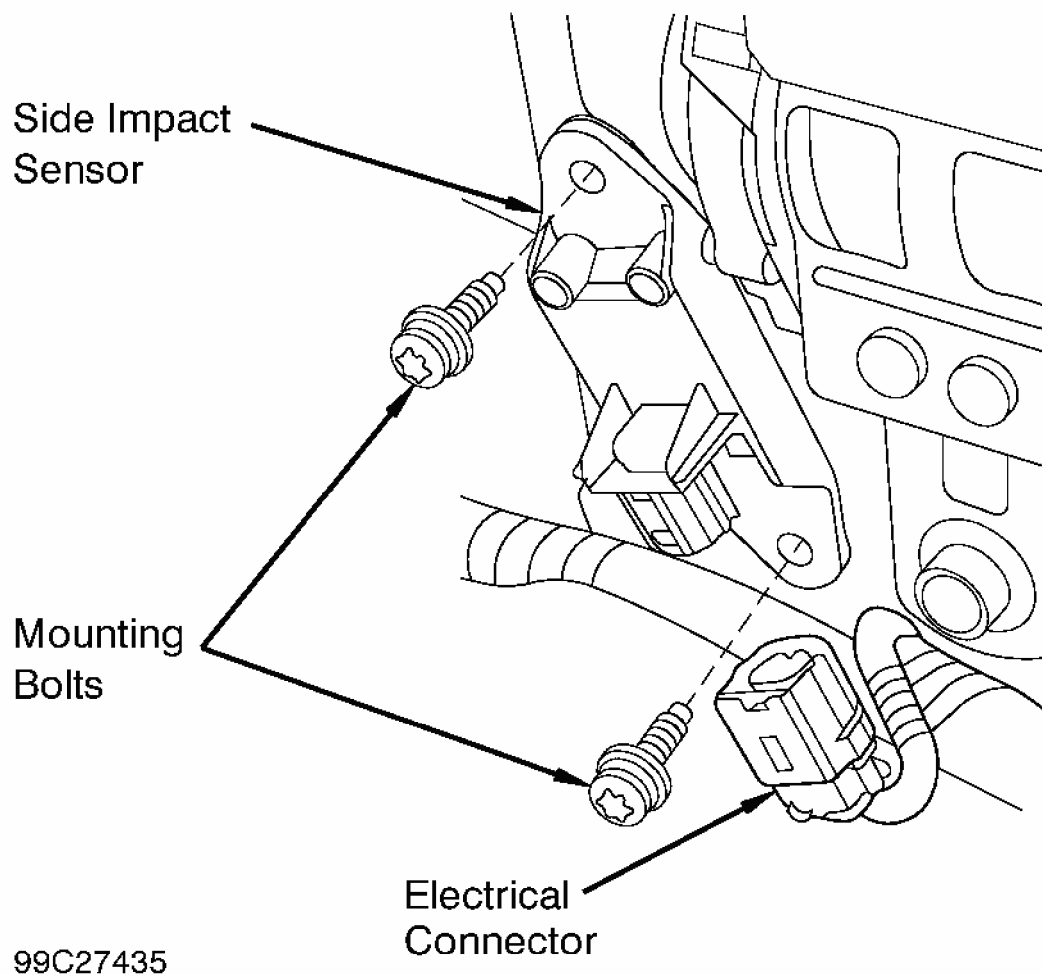


Fig. 28: Identifying Side Impact Sensor

Courtesy of AMERICAN HONDA MOTOR CO., INC.

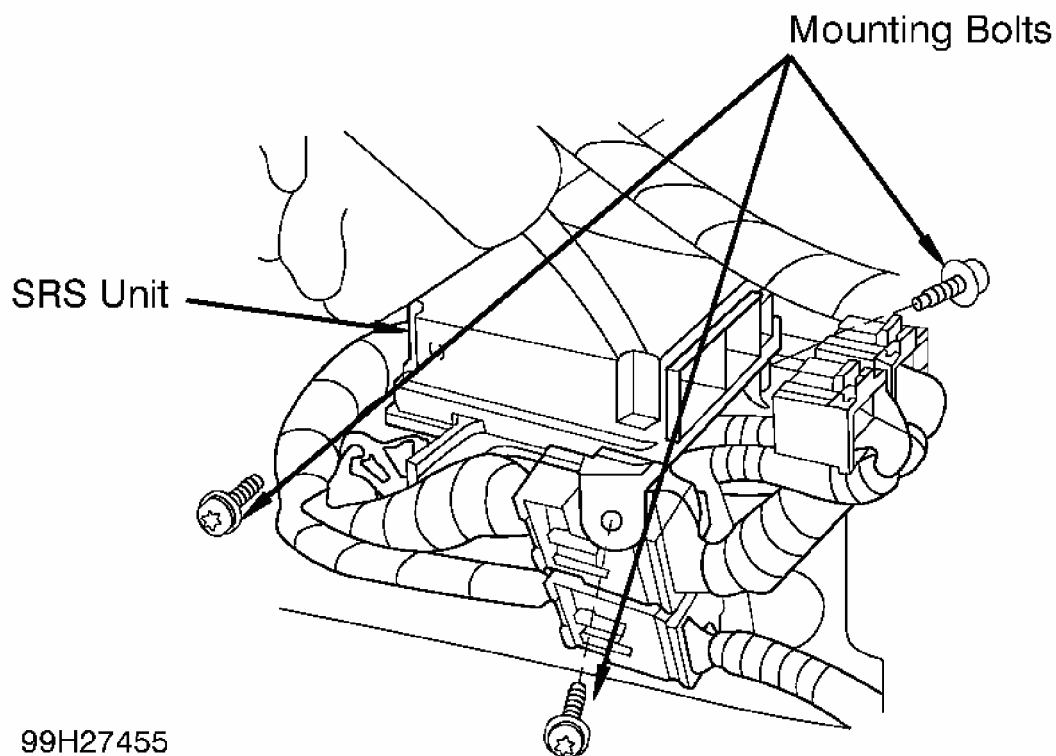
SRS UNIT

Removal & Installation

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Disconnect right and left seat belt pretensioner electrical connectors. See **Fig. 5** . Remove center lower trim. See **Fig. 21** . On models equipped with navigation system, remove DVD trim panel. On all models, disconnect center lower pocket light connector and remove center lower pocket. See **Fig. 22** . Disconnect SRS main harness connectors from

SRS unit. Remove and discard SRS unit mounting Torx bolts. See **Fig. 29** . Remove SRS unit from right side of vehicle.

2. To install, reverse removal procedure. Install NEW SRS unit mounting bolts and tighten to specification. See **TORQUE SPECIFICATIONS** . Initialize Occupant Position Detection System (OPDS) unit. See **INITIALIZING OCCUPANT POSITION DETECTION SYSTEM (OPDS) UNIT** under DIAGNOSTICS. Activate air bag system. See **ACTIVATING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM.



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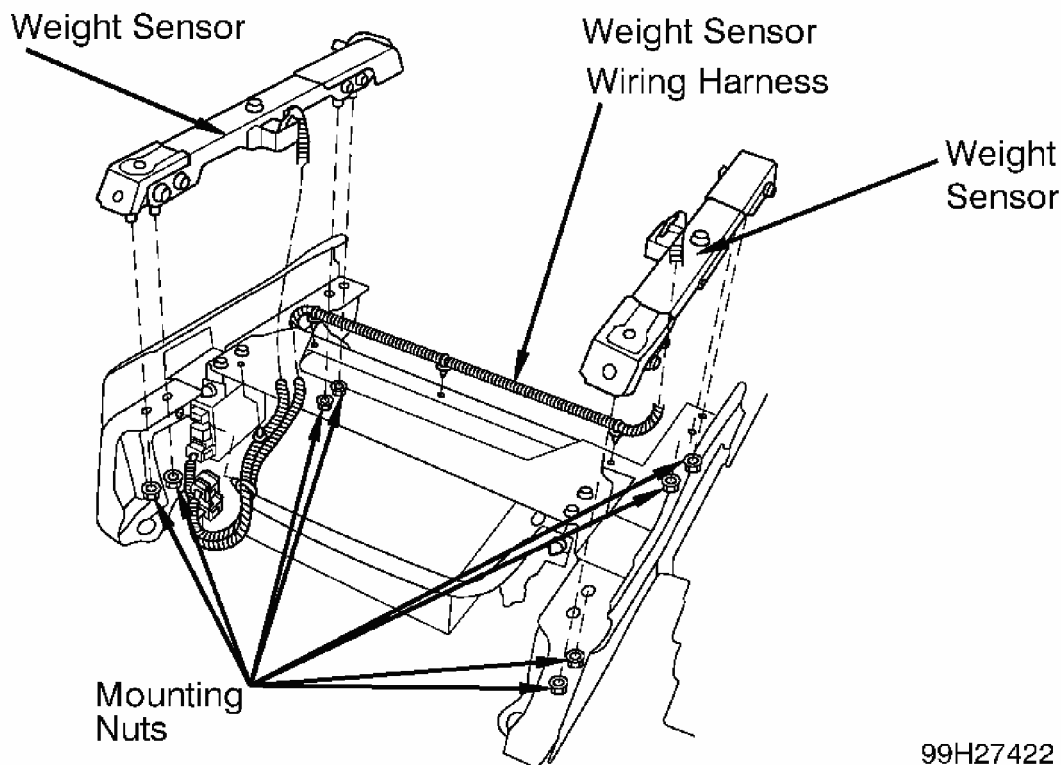
Fig. 29: Identifying SRS Unit

Courtesy of AMERICAN HONDA MOTOR CO., INC.

WEIGHT SENSOR

NOTE: Do not turn ignition switch to ON position or connect battery cables during weight sensor removal and installation procedure.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Disconnect passenger-side air bag 4-pin connector. See **Fig. 3** . Remove right front seat. See **FRONT SEAT** .
2. Remove front seat riser. Disconnect weight sensor electrical connectors. Release front seat harness retaining clips. Remove weight sensor mounting nuts and sensors. See **Fig. 30** .
3. To install, reverse removal procedure. Ensure seat wiring harness is not pinched or interfering with moving parts. Tighten weight sensor mounting nuts to specification. See **TORQUE SPECIFICATIONS** . Activate air bag system. See **ACTIVATING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Calibrate weight sensor control unit. See **CALIBRATING WEIGHT SENSOR CONTROL UNIT** under **DIAGNOSTICS**.



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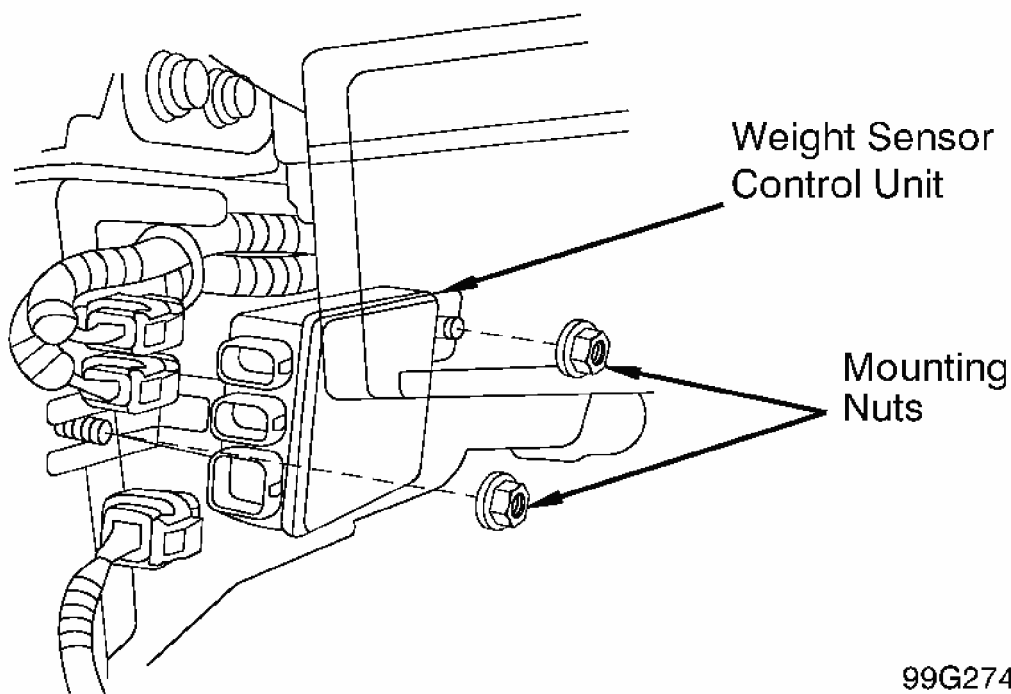
Fig. 30: Identifying Weight Sensors

Courtesy of AMERICAN HONDA MOTOR CO., INC.

WEIGHT SENSOR CONTROL UNIT

Removal & Installation

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Disconnect passenger-side air bag 4-pin connector. See **Fig. 3** . Remove right front seat. See **FRONT SEAT** .
2. Remove front seat riser. Disconnect weight sensor control unit electrical connectors. Remove weight sensor control unit mounting nuts and control unit. See **Fig. 31** .
3. To install, reverse removal procedure. Ensure seat wiring harness is not pinched or interfering with moving parts. Tighten weight sensor control unit mounting nuts to specification. See **TORQUE SPECIFICATIONS** . Activate air bag system. See **ACTIVATING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Calibrate weight sensor control unit. See **CALIBRATING WEIGHT SENSOR CONTROL UNIT** under **DIAGNOSTICS**.



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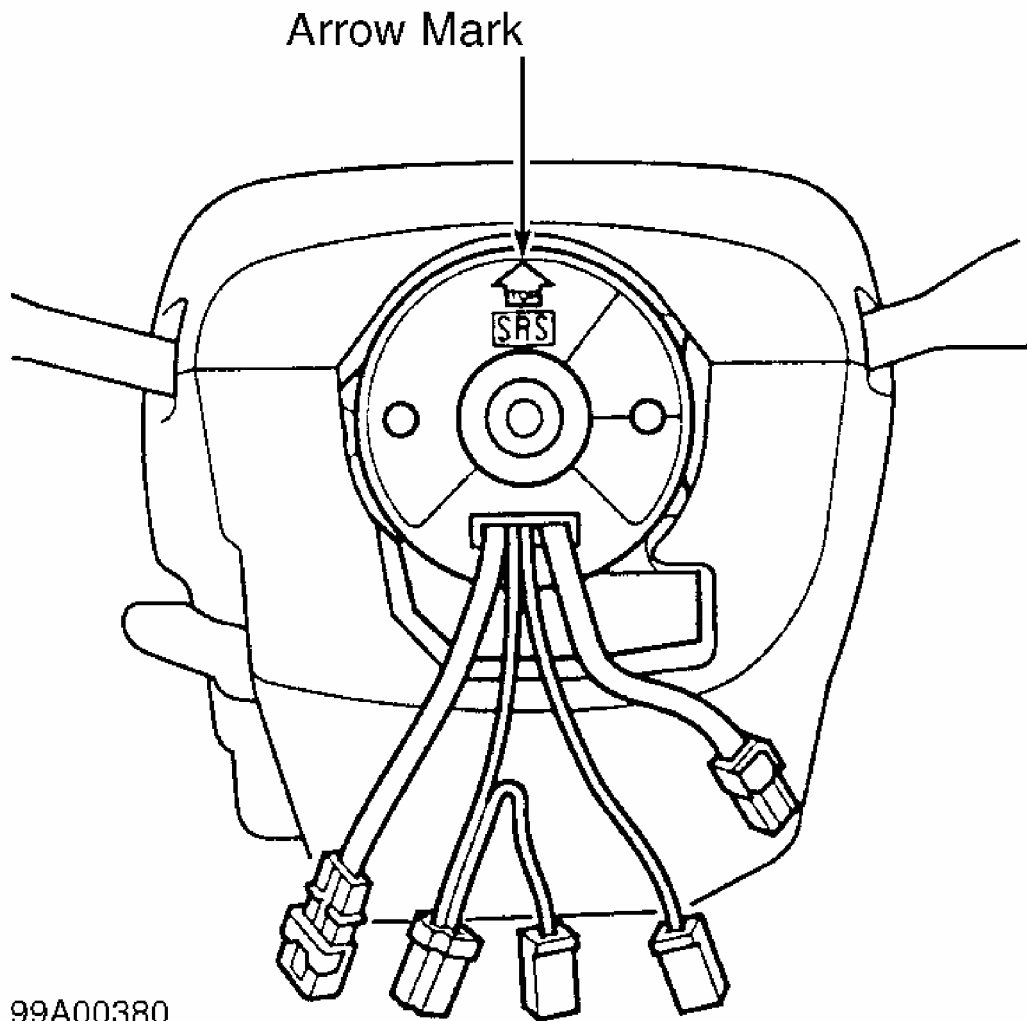
Fig. 31: Identifying Weight Sensor Control Unit
Courtesy of AMERICAN HONDA MOTOR CO., INC.

ADJUSTMENTS

CABLE REEL CENTERING

NOTE: New replacement cable reels come centered.

With cable reel installed, rotate cable reel fully clockwise. Rotate cable reel counterclockwise about 2 1/2 turns until arrow mark on cable reel label points straight up. See **Fig. 32**.



99A00380

Fig. 32: Centering Cable Reel

Courtesy of AMERICAN HONDA MOTOR CO., INC.

WIRE REPAIR

NOTE: SRS wiring can be identified by special Yellow outer protective covering.

DO NOT repair any SRS wiring or harness connectors. If SRS wiring or harness connectors are faulty, replace complete wire harness.

TORQUE SPECIFICATIONS

TORQUE SPECIFICATIONS

Application	Ft. Lbs. (N.m)
Front seat anchor bolts	25 (34)
Seat belt buckle anchor bolt	25 (34)
Seat belt pretensioner/retractor assembly lower mounting bolt	24 (32)
Seat belt upper & lower anchor bolts	24 (32)
Side air bag module mounting nuts	16 (22)
Steering wheel nut	36 (49)
Weight sensor mounting nuts	24 (32)
	INCH Lbs. (N.m)
Driver-side air bag mounting Torx bolts	87 (9.8)
Passenger-side air bag mounting nuts	87 (9.8)
Seat belt pretensioner/retractor assembly upper mounting bolt	35 (4.0)
Seat position sensor mounting bolt	87 (9.8)
Side impact sensor mounting bolts	87 (9.8)
SRS unit mounting Torx bolts	87 (9.8)
Weight sensor control unit mounting nuts	87 (9.8)

DIAGNOSTICS

WARNING: Using improper test equipment can damage air bag circuit or cause accidental air bag deployment. Personal injury may result. Use only a digital multimeter with 10 milliamp or less output rating in smallest ohmmeter range.

CAUTION: Touching SRS unit terminals and SRS harness connector terminals with tester probe can damage terminals. Connector malfunction may result. Do not touch tester probe to SRS unit

of harness connector terminals. Do not connect terminals with a jumper wire. When testing or jumping terminals, use Backprobe Adapter (07TAZ-001020A) and SCS Service Connector (07PAZ-0010100).

SELF-DIAGNOSTIC SYSTEM

SRS includes a self-diagnostic function that checks system for faults in SRS components and related wiring. A fault exists if AIR BAG warning light on instrument cluster continues to glow more than 6 seconds after ignition is turned on, or glows or flashes while vehicle is driven.

RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)

NOTE: Ensure battery is sufficiently charged prior to performing diagnostic procedures. A dead or low-charged battery may cause inaccurate test values to be obtained.

When AIR BAG warning light is on, read DTC by connecting Honda Diagnostic System (HDS) to 16-pin data link connector, and following tester prompts to read directly from HDS, or reading AIR BAG warning light flashes. If AIR BAG warning light stays on or does not come on, or side air bag cut-off warning light stays on, go to symptom troubleshooting chart. See **SYMPTOM TROUBLESHOOTING CHART** table.

SYMPTOM TROUBLESHOOTING CHART

Symptom	Diagnostic Test
AIR BAG warning light does not come on	<u>1A</u>
AIR BAG warning light stays on	<u>1B</u>
Side air bag cut-off warning light stays on	<u>1C</u>

Retrieving DTC Using Honda Diagnostic System (Hds)

Connect HDS to 16-pin Data Link Connector (DLC). See **Fig. 33** . Turn ignition switch to ON position. Select DTC in DTC MENU on HDS and read DTC. Turn ignition switch to OFF position and wait at least 10 seconds. Disconnect HDS from DLC. Perform appropriate diagnostic test. See **DIAGNOSTIC TROUBLE CODE (DTC) CHART** table.

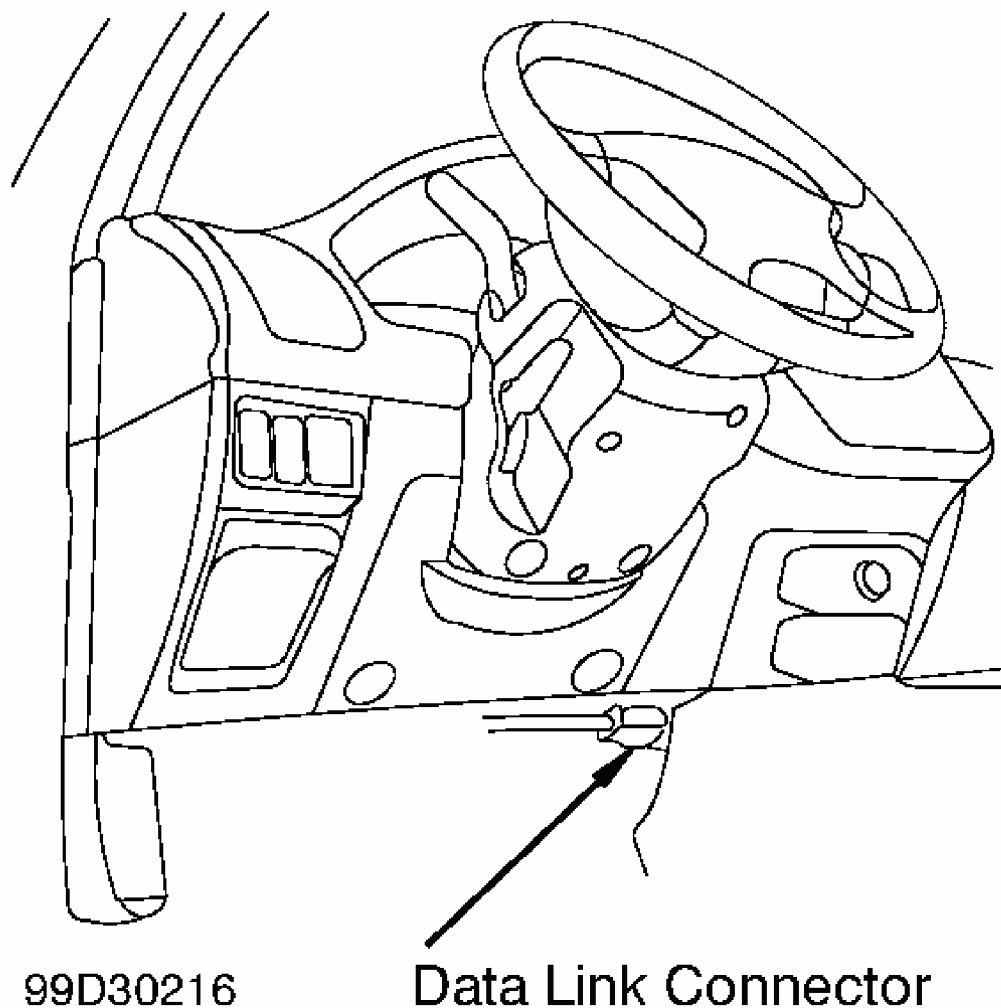


Fig. 33: Identifying Data Link Connector (DLC)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Retrieving DTC Using AIR Bag Warning Light

1. Turn ignition switch to OFF position. Connect Honda Diagnostic System (HDS) to 16-pin data link connector and follow tester prompts in SCS menu. See **Fig. 33** .
2. Turn ignition switch to ON position. AIR BAG warning light will come on for about 6 seconds and go off. DTC will be indicated next. DTC consists of a main code and a sub-code. Including most recent malfunction, up to 3 different malfunctions can be indicated.

If AIR BAG warning light does not come on, check for short to ground or open in SCS circuit before troubleshooting SRS system.

3. In case of a continuous failure, DTC will be indicated repeatedly. In case of an intermittent failure, AIR BAG warning light will indicate DTC once, then will stay on. If both a continuous and an intermittent failure occur, both DTCs will be shown as continuous failure. If AIR BAG warning light comes on continuously and no DTC is detected, SRS system malfunction may be present.
4. Retrieve DTC. If DTCs are retrieved, go to DTC chart to continue diagnostics. See **DIAGNOSTIC TROUBLE CODE (DTC) CHART** table. Turn ignition switch to OFF position and wait 10 seconds. HDS from data link connector.

TROUBLESHOOTING INTERMITTENT FAILURES

NOTE: If malfunction occurs, but does not recur, it will be stored in Diagnostic Trouble Code (DTC) memory as an intermittent failure, and AIR BAG warning light will come on.

1. Read Diagnostic Trouble Code (DTC). See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** . Erase DTC memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** .
2. With vehicle in Neutral, start engine and let idle. AIR BAG warning light will come on for about 6 seconds and then go off. Shake harness and connector. Test drive vehicle (quick acceleration, quick braking, cornering), and turn steering wheel fully left and right, holding steering wheel 5-10 seconds in attempt to determine cause of intermittent failure.
3. If problem recurs, AIR BAG warning light will stay on. If intermittent failure is not duplicated, system is okay at this time.

ERASING DIAGNOSTIC TROUBLE CODE MEMORY

Erase Diagnostic Trouble Code (DTC) memory with Honda Diagnostic System (HDS) connected to data link 16-pin connector, or by connecting an SCS Service Connector (07PAZ-0010100) to Memory Erase Signal (MES) connector.

Erasing DTC Memory Using Honda Diagnostic System (Hds)

Connect Honda Diagnostic System (HDS) to 16-pin Data Link Connector (DLC). See **Fig. 33** . Turn ignition switch to ON position. Select DTC CLEAR in TEST MODE MENU on HDS. Turn ignition switch to OFF position and wait at least 10 seconds. Disconnect HDS from DLC.

NOTE: Do not use a jumper wire in place of SCS service connector. Jumper wire may be difficult to connect and disconnect quickly enough.

Erasing DTC Memory Using SCS Service Connector

1. Turn ignition switch to OFF position. Connect SCS Service Connector (07PAZ-0010100) to Memory Erase Signal (MES) connector. See **Fig. 34**.
2. Turn ignition switch to ON position. AIR BAG warning light will come on for about 6 seconds then go off.
3. Disconnect SCS service connector from MES connector within 4 seconds after AIR BAG warning light goes off. AIR BAG warning light will come on again.
4. Reconnect SCS service connector to MES connector within 4 seconds after AIR BAG warning light comes on. AIR BAG warning light will go off.
5. Disconnect SCS service connector from MES connector within 4 seconds. AIR BAG warning light will indicate that memory is erased by blinking 2 times. Turn ignition switch to OFF position and wait 10 seconds. DTCs are erased if AIR BAG warning light comes on for 6 seconds and then goes out.

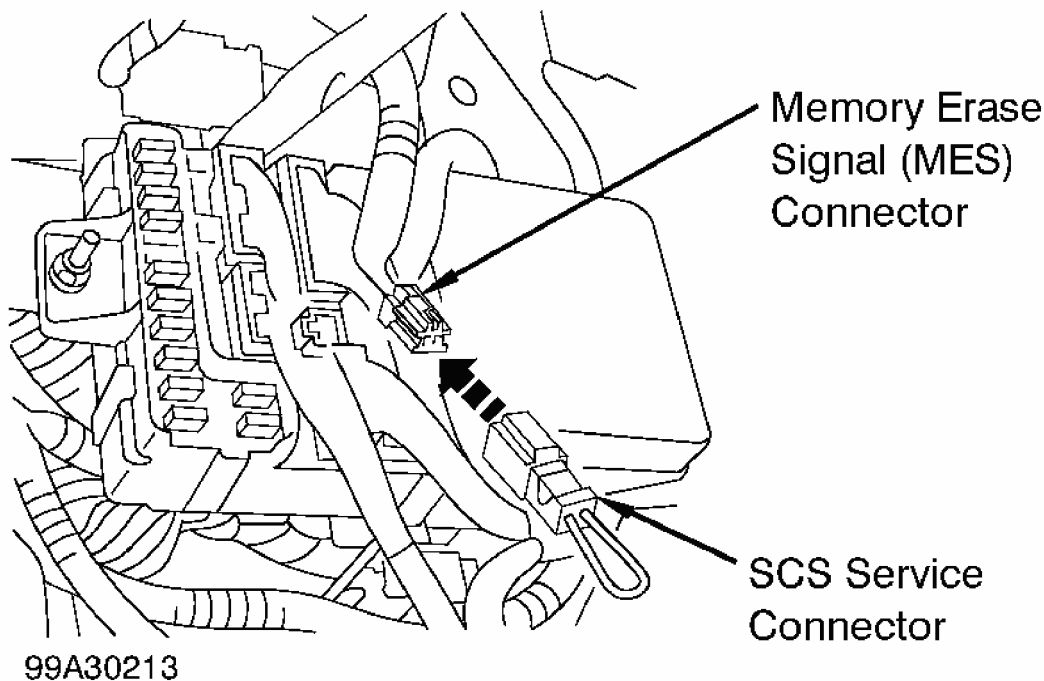


Fig. 34: Locating Memory Erase Signal (MES) Connector
Courtesy of AMERICAN HONDA MOTOR CO., INC.

NOTE: Weight sensor control unit must be calibrated after replacing weight sensors or weight sensor control unit.

When calibrating weight sensor control unit, observe following precautions:

- Ensure all components of right front seat are correctly installed, and all optional parts (such as seat covers) are removed.
- Position right front seat to most rearward and lowest position.
- Ensure nothing is on or under right front seat, and nothing is in seat back pocket.
- Keep all vehicle windows closed.
- Perform all calibration procedures, except test driving, in service bay.
- Ensure vehicle is on level ground.
- DO NOT turn on AC or heater during calibration procedure.
- DO NOT touch right front seat until calibration procedure is completed.
- DO NOT expose right front seat to sudden temperature changes.

NOTE: Accuracy of weight scale used in calibration procedure, must be within + or - 2.2 lbs. (1 Kg).

1. Connect Honda Diagnostic System (HDS) to Data Link Connector (DLC). Drive vehicle, accelerate to 20 MPH (36 KM/H), and stop on level ground. From HDS menu, select SWS INT. Prepare a weight between 55-77 lbs. (25-35 Kg), and then measure prepared weight with a weight scale.
2. Place prepared weight on right front seat. Drive vehicle, accelerate to 20 MPH (36 KM/H), and stop on level ground. From HDS menu, select SEAT OUTPUT CHECK. The weight of the right front seat will be recorded in tester. Subtract weight of prepared weight from weight recorded by HDS. Variance in weight should not exceed + or - 8.6 lbs. (3.9 Kg). If variance in weight does not exceed + or - 8.6 lbs. (3.9 Kg), calibration is complete. If variance in weight exceeds + or - 8.6 lbs. (3.9 Kg), remove and reinstall weight sensors. See **WEIGHT SENSOR** under REMOVAL & INSTALLATION. Go to next step
3. Remove prepared weight from right front seat. Drive vehicle, accelerate to 20 MPH (36 KM/H), and stop on level ground. From HDS menu, select SEAT OUTPUT CHECK. The weight of the right front seat will be recorded in tester. If weight recorded in tester is less than + or - 6.6 lbs. (3.0 Kg), go to next step. If weight recorded in tester is more than + or - 6.6 lbs. (3.0 Kg), repeat steps 1 and 2 .
4. Measure prepared weight again with a weight scale. Place prepared weight on right front seat. Drive vehicle, accelerate to 20 MPH (36 KM/H), and stop on level ground. From HDS menu, select SEAT OUTPUT CHECK. The weight of the right front seat will be

recorded in tester. Subtract weight of prepared weight from weight recorded by HDS. Variance in weight should not exceed + or - 8.6 lbs. (3.9 Kg). If variance in weight does not exceed + or - 8.6 lbs. (3.9 Kg), calibration is complete. If variance in weight exceeds + or - 8.6 lbs. (3.9 Kg), replace weight sensors (if not already replaced). Repeat steps 1 and 2 .

WEIGHT SENSOR CONTROL UNIT OPERATION CHECK

When calibrating weight sensor control unit, observe following precautions:

- Ensure all components of right front seat are correctly installed, and all optional parts (such as seat covers) are removed.
- Position right front seat to most rearward and lowest position.
- Ensure nothing is on or under right front seat, and nothing is in seat back pocket.
- Keep all vehicle windows closed.
- Perform all calibration procedures, except test driving, in service bay.
- Ensure vehicle is on level ground.
- DO NOT turn on AC or heater during calibration procedure.
- DO NOT touch right front seat until calibration procedure is completed.
- DO NOT expose right front seat to sudden temperature changes.

NOTE: Accuracy of weight scale must be within + or - 2.2 lbs. (1 Kg).

After Replacement Of Right Front Seat Components

1. Connect Honda Diagnostic System (HDS) to Data Link Connector (DLC). Drive vehicle, accelerate to 20 MPH (36 KM/H), and stop on level ground.
2. From HDS menu, select SEAT OUTPUT CHECK. The weight of the right front seat will be recorded in tester. If weight recorded in tester is less than + or - 6.6 lbs. (3.0 Kg), go to next step. If weight recorded in tester is more than + or - 6.6 lbs. (3.0 Kg), perform weight sensor control unit calibration. See **CALIBRATING WEIGHT SENSOR CONTROL UNIT** under DIAGNOSTICS.
3. Prepare a weight between 55-77 lbs. (25-35 Kg), and then measure prepared weight with a weight scale. Place prepared weight on right front seat. Drive vehicle, accelerate to 20 MPH (36 KM/H), and stop on level ground. From HDS menu, select SEAT OUTPUT CHECK. The weight of the right front seat will be recorded in tester. Subtract weight of unloaded seat from weight recorded by HDS, and then subtract weight of prepared weight. Variance in weight should not exceed + or - 8.6 lbs. (3.9 Kg). If variance in weight is less

than + or - 8.6 lbs. (3.9 Kg), operation check is complete. If variance in weight is more than + or - 8.6 lbs. (3.9 Kg), remove and reinstall weight sensors. See **WEIGHT SENSOR** under REMOVAL & INSTALLATION. Go to step 1 .

After Vehicle Collision

1. Connect Honda Diagnostic System (HDS) to Data Link Connector (DLC). Drive vehicle, accelerate to 20 MPH (36 KM/H), and stop on level ground.

NOTE: If after removing and installing weight sensors in next step, weight is still more than + or - 6.6 lbs. (3.0 Kg), perform weight sensor control unit calibration. See **CALIBRATING WEIGHT SENSOR CONTROL UNIT** under DIAGNOSTICS.

2. From HDS menu, select SEAT OUTPUT CHECK. The weight of the right front seat will be recorded in tester. If weight recorded in tester is less than + or - 6.6 lbs. (3.0 Kg), go to next step. If weight recorded in tester is more than + or - 6.6 lbs. (3.0 Kg), remove and install weight sensors. See **WEIGHT SENSOR** under REMOVAL & INSTALLATION. Go to step 1 .

NOTE: If after removing and installing weight sensors in next step, weight is still more than + or - 8.6 lbs. (3.9 Kg), perform weight sensor control unit calibration. See **CALIBRATING WEIGHT SENSOR CONTROL UNIT** under DIAGNOSTICS.

3. Prepare a weight between 55-77 lbs. (25-35 Kg), and then measure prepared weight with a weight scale. Place prepared weight on right front seat. Drive vehicle, accelerate to 20 MPH (36 KM/H), and stop on level ground. From HDS menu, select SEAT OUTPUT CHECK. The weight of the right front seat will be recorded in tester. Subtract weight of unloaded seat from weight recorded by HDS, and then subtract weight of prepared weight. Variance in weight should not exceed + or - 8.6 lbs. (3.9 Kg). If variance in weight is less than + or - 8.6 lbs. (3.9 Kg), operation check is complete. If variance in weight is more than + or - 8.6 lbs. (3.9 Kg), remove and reinstall weight sensors. See **WEIGHT SENSOR** under REMOVAL & INSTALLATION. Go to step 1 .

SEAT POSITION SENSOR OPERATION CHECK

NOTE: Seat Position Sensor Operation Check must be performed after replacement of seat position sensor or cover plate (front side of left front seat slide rail).

1. Position front seat in full forward position. Turn ignition switch to OFF position. Connect Honda Diagnostic System (HDS) to Data Link Connector (DLC). Turn ignition switch to ON position. From HDS menu, select DATA LIST MENU from the TEST MODE MENU, then select LED LIST.
2. While monitoring LED on Honda Diagnostic System (HDS) display, move front seat. LED should turn off when seat is within 10 mm of front of seat rail, and turn on when seat is more than 25 mm away from front of seat rail. If LED operates as described, seat position sensor is operating normally. If LED does not operate as described, check seat position sensor and cover plate for damage. Replace damaged parts as needed.

INITIALIZING OCCUPANT POSITION DETECTION SYSTEM (OPDS) UNIT

NOTE: Do not use a jumper wire in place of SCS short connector. Jumper wire may be difficult to connect and disconnect quickly enough.

1. Place right seat back in normal position. Ensure nothing is sitting on right front seat cushion and right front seat is free of moisture. Turn ignition switch to OFF position. Connect Honda Diagnostic System (HDS) to 16-pin data link connector and follow tester prompts in "SCS" menu. See **Fig. 33** . Connect SCS Service Connector (07PAZ-0010100) to Memory Erase Signal (MES) connector. See **Fig. 34** .
2. Turn ignition switch to ON position. AIR BAG warning light will come on for about 6 seconds then go off.
3. Disconnect SCS service connector from MES connector within 4 seconds after AIR BAG warning light goes off. AIR BAG warning light will come on again.
4. Reconnect SCS service connector to MES connector within 4 seconds after AIR BAG warning light comes on. AIR BAG warning light will go off.
5. Disconnect SCS service connector from MES connector within 4 seconds. AIR BAG warning light will indicate that OPDS unit is initialized by blinking 2 times. If light doesn't blink and stays on, repeat procedure. If light blinks 2 times and stays on, read Diagnostic Trouble Code (DTC) and proceed with troubleshooting.
6. Turn ignition switch to OFF position, and wait 10 seconds. Disconnect HDS. Turn ignition switch to ON position and monitor AIR BAG warning light. If AIR BAG warning light comes on for about 6 seconds and goes off, and AIR BAG warning light does not come back on for 30 seconds, initialization of OPDS unit is complete.

SPRING-LOADED LOCK CONNECTORS

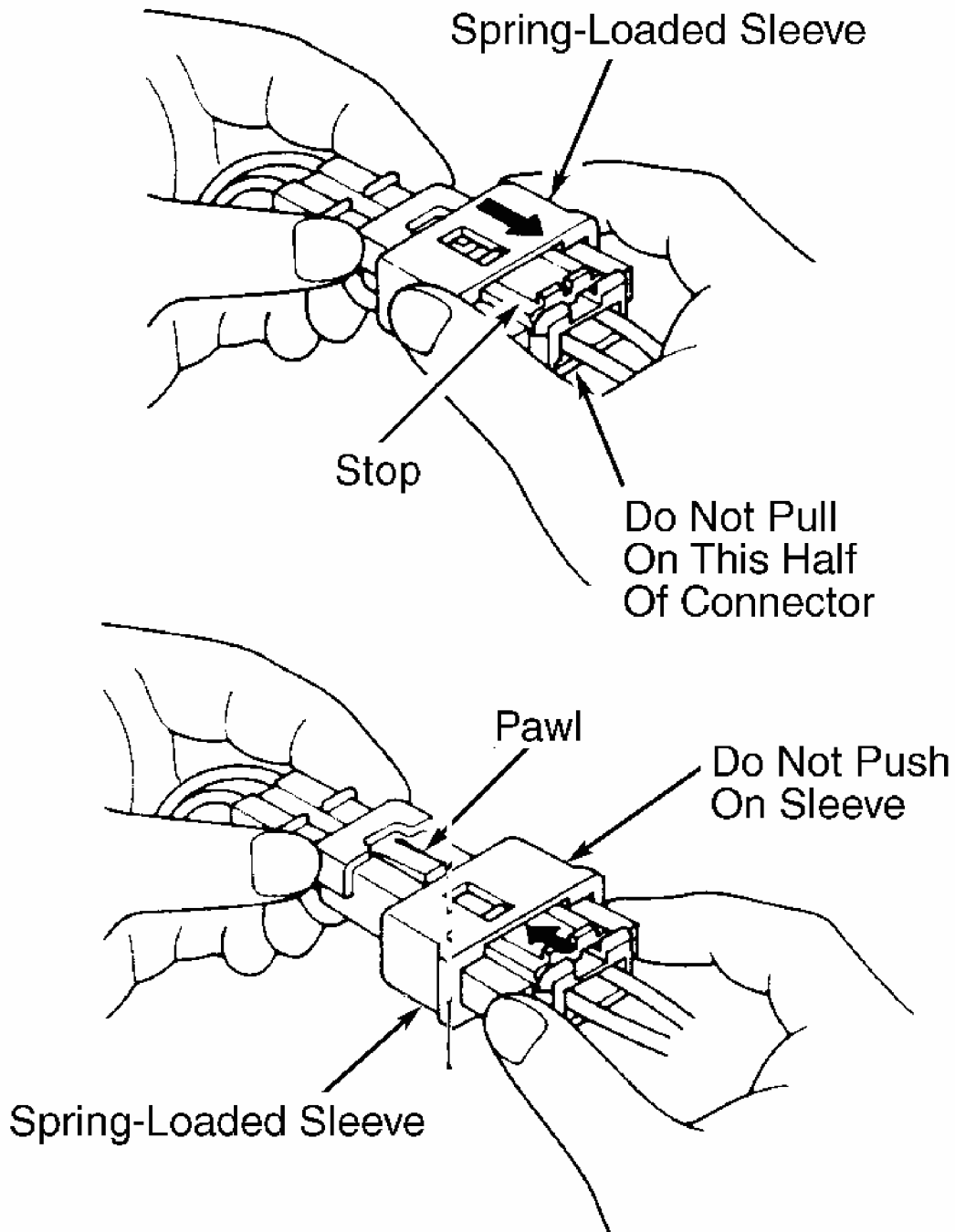
To disconnect, pull spring-loaded sleeve toward stop while holding opposite half of connector. Then pull connector halves apart. Be sure to pull on sleeve and not on connector itself. See **Fig. 35** or **Fig. 36** .

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To connect, hold pawl-side connector half, and press on back of sleeve-side connector half in direction shown. As connector halves are pressed together, sleeve is pushed back by pawl. DO NOT touch sleeve. When connector halves are completely connected, pawl is released, and spring-loaded sleeve locks connector.

When backprobing spring-loaded lock connectors, remove retainer before inserting test probes from wire side. Carefully pry out retainer with flat-tip screwdriver. Retainer may be discarded after removal.



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Fig. 35: Disconnecting & Connecting Spring-loaded Lock Connectors (Front Air Bags)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

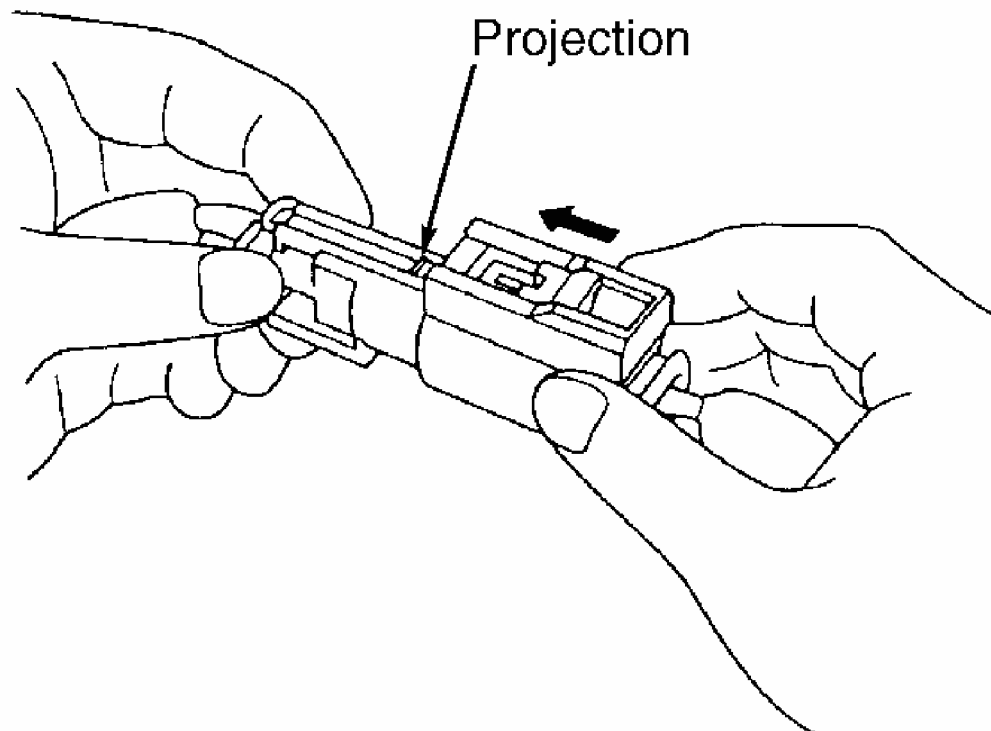
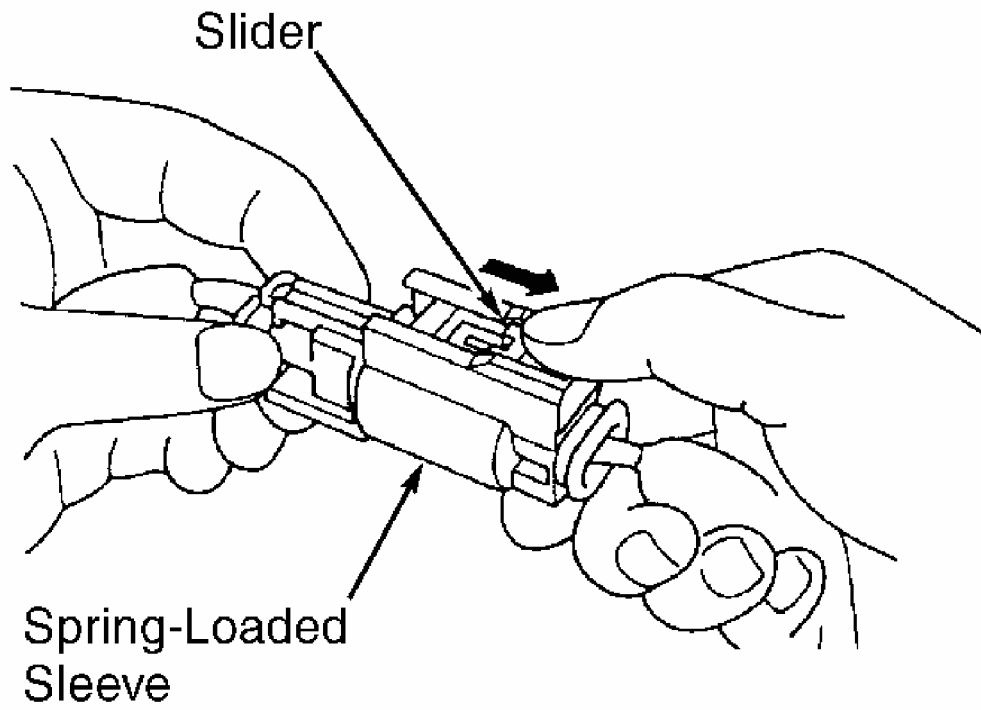
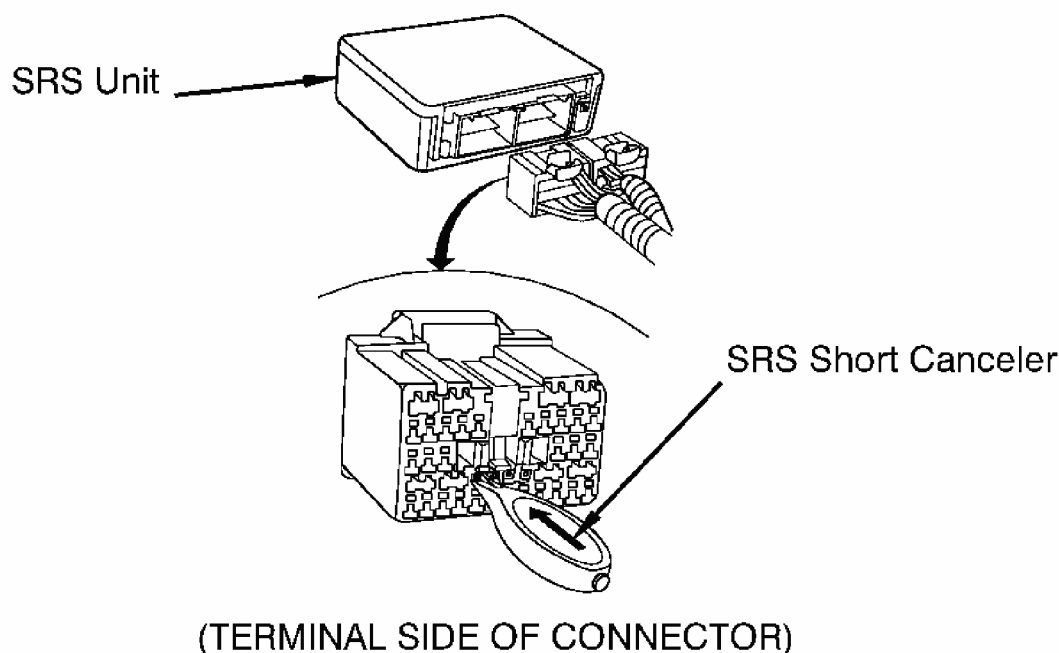


Fig. 36: Disconnecting & Connecting Spring-loaded Lock Connectors (Side Air Bags)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

DEFEATING SHORT CONNECTOR

When SRS unit connector is disconnected, a short circuit is created in the connector to prevent air bag deployment. In certain diagnostic test situations, the circuit will be required to be open. When SRS Short Canceler (070AZ-SAA0100) is install in specified connector cavities, short connector is defeated. See **Fig. 37** . Observe the following precautions, when using SRS short canceler:

- To prevent damage of the connector cavity, insert the SRS short canceler straight into the cavity, from the terminal side of connector.
- Before installing SRS short canceler, wash tool with neutral detergent, then blow-dry tool with air.
- DO NOT use SRS short canceler, if it is damaged.
- Ensure SRS short canceler is removed prior to reconnecting connector.



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Fig. 37: Installing SRS Short Canceler
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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DIAGNOSTIC TROUBLE CODE (DTC) CHART

DTC	Possible Cause
11-1 ⁽¹⁾	Open or increased resistance in driver-side air bag first inflator
11-3 ⁽¹⁾	Short to another wire or decreased resistance in driver-side air bag first inflator
11-4 ⁽¹⁾	Open or increased resistance in driver-side air bag second inflator
11-6 ⁽¹⁾	Short to another wire or decreased resistance in driver-side air bag second inflator
11-8 ⁽¹⁾	Short to power in driver-side air bag first inflator
11-9 ⁽¹⁾	Short to ground in driver-side air bag inflator
11-A ⁽¹⁾	Short to power in driver-side air bag second inflator
11-B ⁽¹⁾	Short to ground in driver-side air bag inflator
12-1 ⁽¹⁾	Open or increased resistance in passenger-side air bag first inflator
12-3 ⁽¹⁾	Short to another wire or decreased resistance in passenger-side air bag first inflator
12-4 ⁽¹⁾	Open or increased resistance in passenger-side air bag first inflator
12-6 ⁽¹⁾	Short to another wire or decreased resistance in passenger-side air bag second inflator
12-8 ⁽¹⁾	Short to power in passenger-side air bag first inflator
12-9 ⁽¹⁾	Short to ground in passenger-side air bag first inflator
12-A ⁽¹⁾	Short to power in passenger-side air bag second inflator
12-B ⁽¹⁾	Short to ground in passenger-side air bag second inflator
21-1 ⁽¹⁾	Open or increased resistance in left front pretensioner
21-3 ⁽¹⁾	Short to another wire or decreased resistance in left front pretensioner
21-8 ⁽¹⁾	Short to power in left front pretensioner
21-9 ⁽¹⁾	Short to ground in left front pretensioner
22-1 ⁽¹⁾	Open or increased resistance in right front pretensioner
22-3 ⁽¹⁾	Short to another wire or decreased resistance in right front pretensioner
22-8 ⁽¹⁾	Short to power in right front pretensioner
22-9 ⁽¹⁾	Short to ground in right front pretensioner
	Open or increased resistance in left side impact air bag inflator

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31-1 ⁽¹⁾	
31-3 ⁽¹⁾	Short to another wire or decreased resistance in left side impact air bag inflator
31-8 ⁽¹⁾	Short to power in left side impact air bag inflator
31-9 ⁽¹⁾	Short to ground in left side impact air bag inflator
32-1 ⁽¹⁾	Open or increased resistance in right side impact air bag inflator
32-3 ⁽¹⁾	Short to another wire or decreased resistance in right side impact air bag inflator
32-8 ⁽¹⁾	Short to power in right side impact air bag inflator
32-9 ⁽¹⁾	Short to ground in right side impact air bag inflator
41-1 ⁽¹⁾	No signal from left front impact sensor
41-2 ⁽¹⁾	⁽²⁾ Faulty left front impact sensor
41-3 ⁽¹⁾	⁽²⁾ Faulty left front impact sensor
41-8 ⁽¹⁾	⁽²⁾ Faulty left front impact sensor
41-B ⁽¹⁾	⁽²⁾ Faulty left front impact sensor
42-1 ⁽¹⁾	No signal from right front impact sensor
42-2 ⁽¹⁾	⁽²⁾ Faulty right front impact sensor
42-3 ⁽¹⁾	⁽²⁾ Faulty right front impact sensor
42-8 ⁽¹⁾	⁽²⁾ Faulty right front impact sensor
42-B ⁽¹⁾	⁽²⁾ Faulty right front impact sensor
43-1 ⁽¹⁾	No signal from left side impact sensor
43-2 ⁽¹⁾	⁽²⁾ Faulty left side impact sensor
43-3 ⁽¹⁾	⁽²⁾ Faulty left side impact sensor
43-8 ⁽¹⁾	⁽²⁾ Faulty left side impact sensor
43-B ⁽¹⁾	⁽²⁾ Faulty left side impact sensor
44-1 ⁽¹⁾	No signal from right side impact sensor
44-2 ⁽¹⁾	⁽²⁾ Faulty right side impact sensor
44-3 ⁽¹⁾	⁽²⁾ Faulty right side impact sensor
44-8 ⁽¹⁾	⁽²⁾ Faulty right side impact sensor

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44-B ⁽¹⁾	(2) Faulty right side impact sensor
51-2 ⁽¹⁾	(3) Internal failure of SRS unit
51-4 ⁽¹⁾	(3) Internal failure of SRS unit
52-8 ⁽¹⁾	(3) Internal failure of SRS unit
52-9 ⁽¹⁾	(3) Internal failure of SRS unit
52-A ⁽¹⁾	(3) Internal failure of SRS unit
52-B ⁽¹⁾	(3) Internal failure of SRS unit
52-C ⁽¹⁾	(3) Internal failure of SRS unit
52-D ⁽¹⁾	(3) Internal failure of SRS unit
52-E ⁽¹⁾	(3) Internal failure of SRS unit
52-F ⁽¹⁾	(3) Internal failure of SRS unit
53-1 ⁽¹⁾	(3) Internal failure of SRS unit
53-2 ⁽¹⁾	(3) Internal failure of SRS unit
53-3 ⁽¹⁾	(3) Internal failure of SRS unit
53-4 ⁽¹⁾	(3) Internal failure of SRS unit
54-1 ⁽¹⁾	(3) Internal failure of SRS unit
54-2 ⁽¹⁾	(3) Internal failure of SRS unit
54-3 ⁽¹⁾	(3) Internal failure of SRS unit
54-4 ⁽¹⁾	(3) Internal failure of SRS unit
54-5 ⁽¹⁾	(3) Internal failure of SRS unit
54-6 ⁽¹⁾	(3) Internal failure of SRS unit
54-7 ⁽¹⁾	(3) Internal failure of SRS unit
55-1 ⁽¹⁾	(3) Internal failure of SRS unit
55-2 ⁽¹⁾	(3) Internal failure of SRS unit
55-3 ⁽¹⁾	(3) Internal failure of SRS unit
55-4 ⁽¹⁾	(3) Internal failure of SRS unit
61-1 ⁽¹⁾	Open in left front seat belt switch
61-2 ⁽¹⁾	Short in left front seat belt switch

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62-1 ⁽¹⁾	Open in right front seat belt switch
62-2 ⁽¹⁾	Short in right front seat belt switch
71-1 ⁽¹⁾	Open in seat position sensor
71-2 ⁽¹⁾	Short in seat position sensor
81-4 ⁽¹⁾	⁽⁴⁾ Faulty weight sensor control unit
81-5 ⁽¹⁾	⁽⁴⁾ Faulty weight sensor control unit
81-61	No signal from right front weight sensor control unit
81-62	Non-stipulated response data
81-63	⁽⁴⁾ Model identification code or variation code inconsistent
81-64	⁽⁴⁾ ECU serial identification code inconsistent
81-71	⁽⁵⁾ Right weight sensor control unit not calibrated
81-78	⁽⁵⁾ Right weight sensor control unit not calibrated
81-79	Right weight sensors drift check failure
82-1 ⁽¹⁾	⁽⁶⁾ No signal from inner side of right weight sensor
83-2 ⁽¹⁾	⁽⁶⁾ No signal from outer side of right weight sensor
85-4 ⁽¹⁾	⁽⁷⁾ Faulty OPDS unit
85-5 ⁽¹⁾	⁽⁷⁾ Faulty OPDS unit
85-61	No signal from OPDS unit
85-62	Non-stipulated response data
85-63	⁽⁷⁾ Model identification code or variation code inconsistent
85-64	⁽⁷⁾ ECU serial identification code inconsistent
85-71	⁽⁸⁾ OPDS unit not initialized
85-78	⁽⁸⁾ OPDS unit not initialized
81-79	OPDS drift check failure
86-1 ⁽¹⁾	Faulty seat back OPDS sensor
86-2 ⁽¹⁾	Faulty seat support OPDS sensor
87-31	Side air bag cut-off indicator does not come on
87-32	Side air bag cut-off indicator stays on
91-1 ⁽¹⁾	Open in AIR BAG warning light circuit
	Short in AIR BAG warning light circuit

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91-2 ⁽¹⁾	
92-1 ⁽¹⁾	Open in passenger-side air bag cut-off indicator circuit
92-2 ⁽¹⁾	Short in passenger-side air bag cut-off indicator circuit
A1-1	Faulty power supply (VA line)
A2-1	Faulty power supply (VB line)
D1-11	⁽⁹⁾ Driver-side air bag & left front seat belt pretensioner deployed
D2-11	⁽⁹⁾ Passenger-side air bag & right front seat belt pretensioner deployed
D3-11	⁽⁹⁾ Left side impact air bag deployed
D4-11	⁽⁹⁾ Right side impact air bag deployed
D7-11	⁽⁹⁾ Rear-end collision
E2-11	⁽⁹⁾ Passenger-side air bag deployed
E4-11	⁽⁹⁾ Right side impact air bag deployed
F1-11	⁽⁹⁾ Driver-side air bag & left front seat belt pretensioner deployed
F2-11	⁽⁹⁾ Passenger-side air bag & right front seat belt pretensioner deployed
F3-11	⁽⁹⁾ Left side impact air bag deployed
F4-11	⁽⁹⁾ Right side impact air bag deployed

(1) An alpha character (A-F) or numeric character (0-9) may follow DTC. This character is unrelated to troubleshooting; it designates SRS unit manufacturer and other details used for product analysis.

(2) Clear DTCs. Turn ignition switch to ON position. If AIR BAG warning light stays ON, replace appropriate impact sensor. If AIR BAG warning light does not stay on, check for intermittent problem. See **TROUBLESHOOTING INTERMITTENT FAILURES** .

(3) Before replacing SRS unit, ensure battery is fully charged. Clear DTCs. Turn ignition switch to ON position. If AIR BAG warning light stays ON, replace SRS unit. If AIR BAG warning light does not stay on, check for intermittent problem. See **TROUBLESHOOTING INTERMITTENT FAILURES** .

(4) Clear DTCs. Turn ignition switch to ON position. If AIR BAG warning light stays ON, replace appropriate weight sensor control unit. See **WEIGHT SENSOR CONTROL UNIT** under REMOVAL & INSTALLATION. If AIR BAG warning light does not stay on, check for intermittent problem. See **TROUBLESHOOTING INTERMITTENT FAILURES** .

- (5) Perform weight sensor control unit calibration procedure. See **CALIBRATING WEIGHT SENSOR CONTROL UNIT** under DIAGNOSTICS.
- (6) Replace appropriate weight sensor. See **WEIGHT SENSOR** under REMOVAL & INSTALLATION.
- (7) Replace Occupant Position Detection System (OPDS) unit. See **OCCUPANT POSITION DETECTION SYSTEM (OPDS) UNIT** under REMOVAL & INSTALLATION.
- (8) Perform Occupant Position Detection System (OPDS) unit initialization procedure. See **INITIALIZING OCCUPANT POSITION DETECTION SYSTEM (OPDS) UNIT** under DIAGNOSTICS.
- (9) SRS unit must be replaced if any air bags and/or pretensioners have deployed.

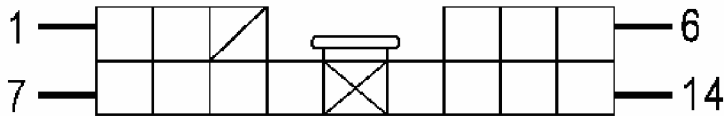
DIAGNOSTIC TESTS

TEST 1A AIR BAG WARNING LIGHT DOES NOT COME ON

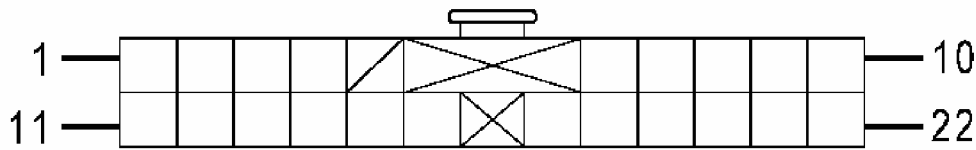
WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS**. Turn ignition switch to ON position, and check whether other instrument cluster indicator lights come on (brake system, etc.). If other instrument cluster indicator lights operate, go to next step. If other instrument cluster indicator lights do not operate, go to step 5.
2. Turn ignition switch to OFF position. Access instrument cluster and disconnect instrument cluster harness 22-pin connector "B" and 16-pin connector "C" from instrument cluster. See **INSTRUMENT CLUSTER** under REMOVAL & INSTALLATION. Measure resistance between ground and instrument panel harness connector "B", terminal No. 16. See **Fig. 38**. If resistance is 0-1 ohm, go to next step. If resistance is more than one ohm, check ground G503, located under right side of instrument panel, for proper connection. If ground G503 is okay, replace instrument panel harness.
3. Connect voltmeter between ground and instrument panel harness connector "C", terminal No. 9. Turn ignition switch to ON position and measure voltage. After ignition switch is turned to ON position, if voltage is 8.5 volts for less for 6 seconds, faulty instrument cluster exists. Replace instrument cluster. If voltage is not 8.5 volts for less for 6 seconds, go to next step.

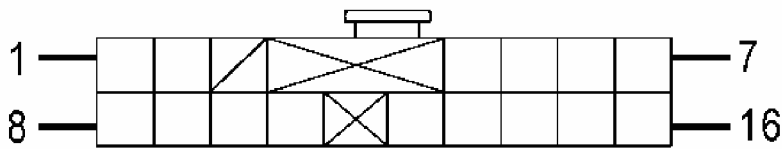
4. Turn ignition switch to OFF position. Access SRS unit and disconnect 28-pin connector "A". See **SRS UNIT** under REMOVAL & INSTALLATION. Connect voltmeter between ground and instrument panel harness connector "C", terminal No. 9. Turn ignition switch to ON position and measure voltage. If voltage is less than 0.5 volt, replace SRS unit. If voltage is more than 0.5 volt, go to step 8 .
5. Check fuse No. 9 (10-amp) in driver-side instrument panel fuse/relay box. See **Fig. 39** . If fuse is okay, go to next step. If fuse is blown, go to step 7 .
6. Access instrument cluster and disconnect instrument cluster harness 22-pin connector "B" from instrument cluster. See **INSTRUMENT CLUSTER** under REMOVAL & INSTALLATION. Connect voltmeter between ground and instrument panel harness connector "B", terminal No. 11. Turn ignition switch to ON position and measure voltage. If battery voltage is present, check connection between instrument cluster harness 22-pin connector "A" and instrument cluster. If connection is okay, replace instrument cluster. If battery voltage is not present, open circuit may exist in driver-side instrument panel fuse/relay box. If fuse/relay box is okay, Replace instrument panel harness.
7. Replace fuse No. 9. (10-amp). Turn ignition switch to ON position. If AIR BAG warning light comes on, system is okay at this time. If AIR BAG warning light does not come on, check for blown fuse No. 9. If fuse No. 9 is blown, repair short to ground in fuse No. 9 circuit. See **WIRING DIAGRAMS** .
8. Turn ignition switch to OFF position. Disconnect SRS main harness 28-pin connector C851. See **Fig. 40** . Connect voltmeter between ground and instrument panel harness connector "C", terminal No. 9. Turn ignition switch to ON position and measure voltage. If voltage is less than 0.5 volt, replace SRS floor harness. If voltage is more than 0.5 volt, a short to power exists in instrument panel harness or SRS main harness. Replace appropriate harness.



CONNECTOR "A"



CONNECTOR "B"



CONNECTOR "C"

99A26922

Fig. 38: Identifying Instrument Cluster Harness Connector "A", "B" & "C" Terminals
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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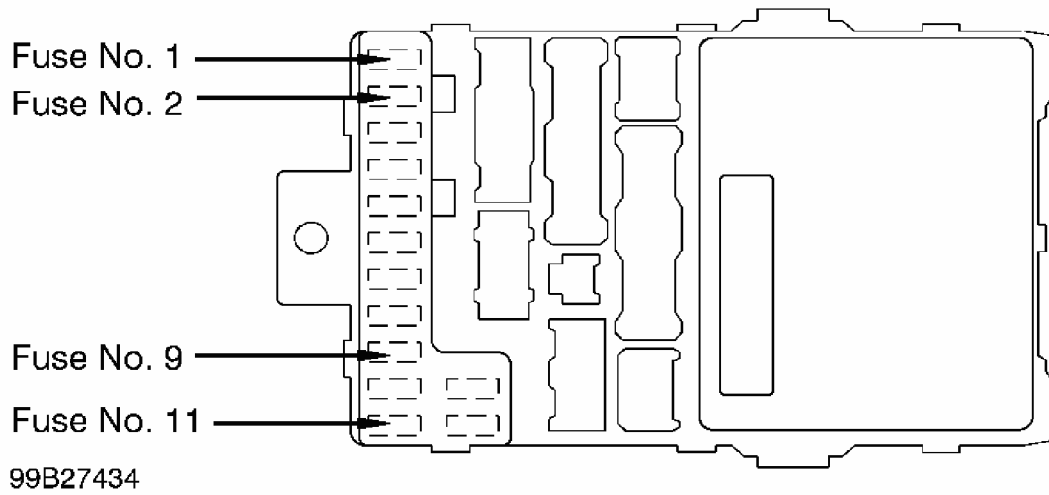
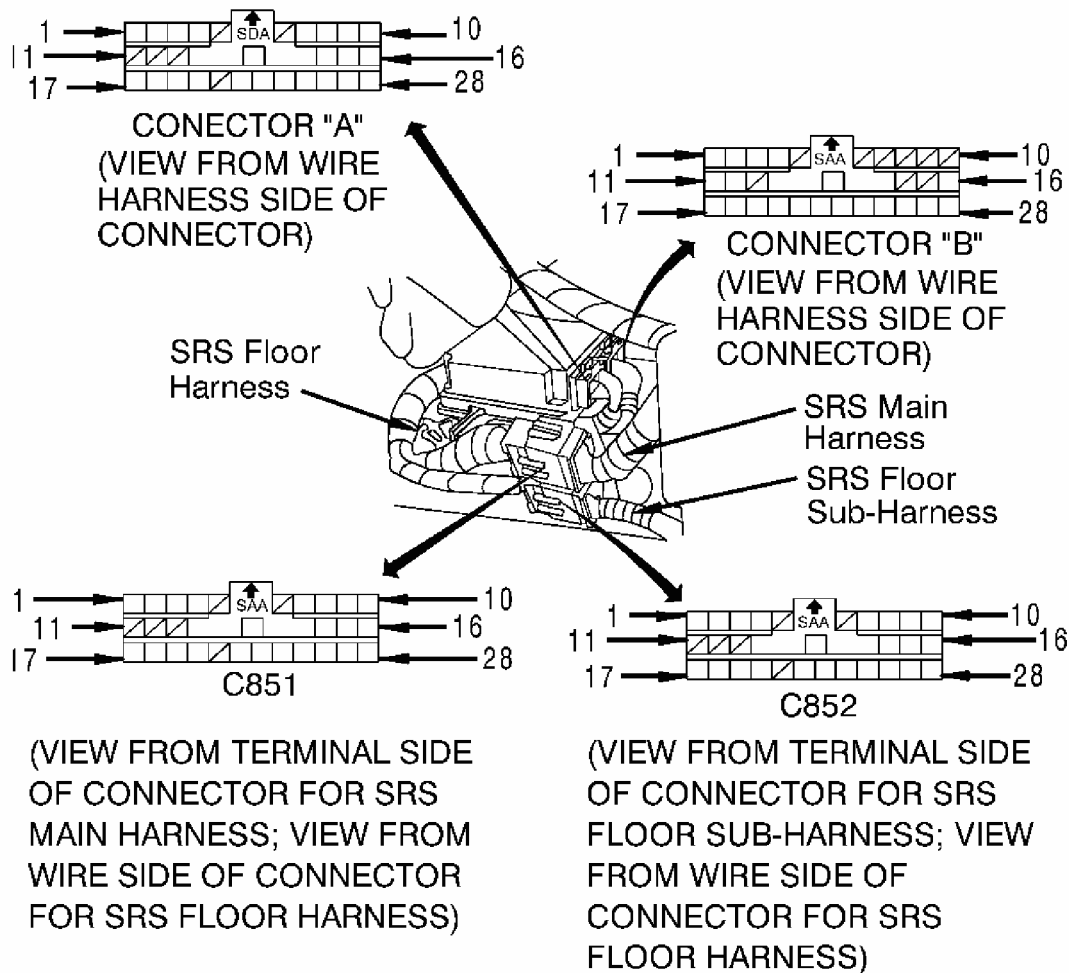


Fig. 39: Identifying Driver-side Instrument Panel Fuse/relay Box Air Bag System Fuse Locations
Courtesy of AMERICAN HONDA MOTOR CO., INC.



99B27459

Fig. 40: Identifying SRS Unit & SRS Floor-to-main Harness Connector Terminals
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

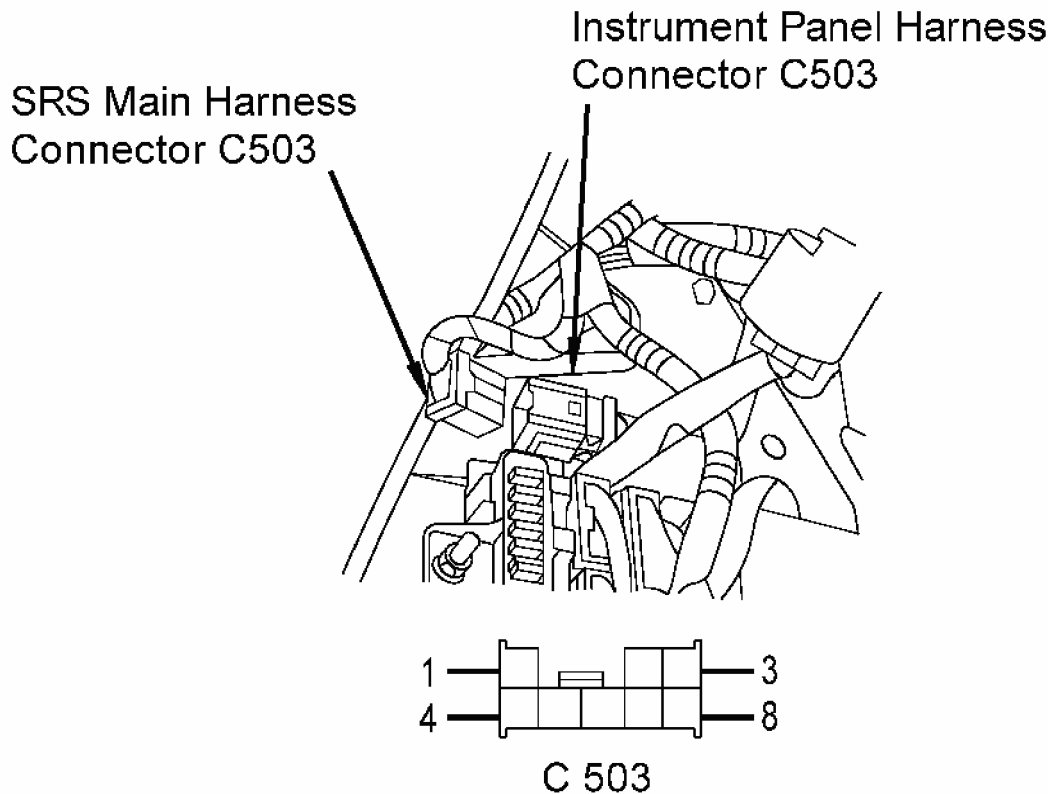
TEST 1B AIR BAG WARNING LIGHT STAYS ON WHEN IN "SCS" MENU METHOD

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Access and disconnect SRS harness 28-pin connector "A" from SRS unit. See **SRS UNIT**

under REMOVAL & INSTALLATION. See **Fig. 40** . Access instrument cluster and disconnect instrument cluster harness 16-pin connector "C" from instrument cluster. See **INSTRUMENT CLUSTER** under REMOVAL & INSTALLATION. See **Fig. 38** . Measure resistance between SRS harness 28-pin connector "A", terminal No. 19 and instrument cluster harness 16-pin connector "C", terminal No. 9. If resistance is less than one megohm, check connection between instrument cluster harness 16-pin connector "C" and instrument cluster. If connection is okay, replace instrument cluster. If resistance is more than one megohm, go to next step.

2. Disconnect SRS main harness 28-pin connector C851. Measure resistance between SRS main harness side of connector C851, terminal No. 25 and instrument cluster harness 16-pin connector "C", terminal No. 9. If resistance is less than one megohm, open exists in SRS floor harness. Replace SRS floor harness. If resistance is more than one megohm, go to next step.
3. Disconnect SRS main harness 8-pin connector C503 from instrument panel harness connector. See **Fig. 41** . Measure resistance between SRS harness 8-pin connector C503, terminal No. 6 and instrument cluster harness 16-pin connector "C", terminal No. 9. If resistance is less than one megohm, open exists in SRS main harness. Replace SRS main harness. If resistance is more than one megohm, open exists in instrument panel harness. Replace instrument panel harness.



99F26919

Fig. 41: Identifying SRS Main Harness 8-pin Connector C503
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

TEST 1C SIDE AIR BAG WARNING LIGHT STAYS ON AFTER BULB CHECK

Before proceeding, see **AIR BAG SAFETY PRECAUTIONS**. Ensure nothing is on right front seat. If side AIR BAG warning light stays on after ignition switch is turned to ON position, initialize Occupant Position Detection System (OPDS) unit. See **INITIALIZING OCCUPANT POSITION DETECTION SYSTEM (OPDS) UNIT** under DIAGNOSTICS. If after initializing OPDS unit, side AIR BAG warning light stays on, replace OPDS sensor, located in seat back pad. If after initializing OPDS unit, side AIR BAG warning light operates normally, system is functioning normally at this time.

DTC 11-1, 11-4

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has

been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position and check that AIR BAG warning light comes on for about 6 seconds and then goes off. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect driver-side air bag 4-pin connector from cable reel 4-pin connector. See **Fig. 2** . Connect SRS Simulator Lead "E" (07XAZ-SZ30100) and SRS Inflator Simulator (07SAZ-TB4011A) to cable reel 4-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 11-1 or 11-4 is indicated, go to next step. If DTC 11-1 or 11-4 is not indicated, replace driver-side air bag. See **DRIVER-SIDE AIR BAG MODULE** under REMOVAL & INSTALLATION.
3. Turn ignition switch to OFF position. Disable air bag system. Access and disconnect SRS harness 28-pin connector "A" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Disconnect SRS inflator simulator from simulator lead. DO NOT disconnect simulator lead from cable reel 4-pin connector. Measure resistance between each pair of SRS inflator simulator connector terminals. See **Fig. 42** . If resistance is less than one ohm, check connection between SRS harness 28-pin connector "A" and SRS unit. If connection is okay, replace SRS unit. If resistance is more than one ohm, go to next step.
4. Disconnect SRS main harness 28-pin connector C851. Measure resistance between SRS main harness side of connector C851, terminals No. 9 and 10. Measure resistance between SRS main harness side of connector C851, terminals No. 3 and 4. If resistance is more than one ohm, replace SRS floor harness between connector C851 and SRS unit. If resistance is less than one ohm, go to next step.
5. Disconnect cable reel lower 4-pin harness connect for SRS main harness. Connect SRS inflator simulator to SRS simulator lead. Measure resistance between cable reel 4 pin connector terminals No 1 and 2. See **Fig. 43** . Measure resistance between cable reel 4 pin connector terminals No 3 and 4. If resistance is 2-3 ohms, open or increased resistance in SRS main harness. Replace SRS main harness. If resistance is not 2-3 ohms replace cable reel. See **CABLE REEL** under REMOVAL & INSTALLATION.

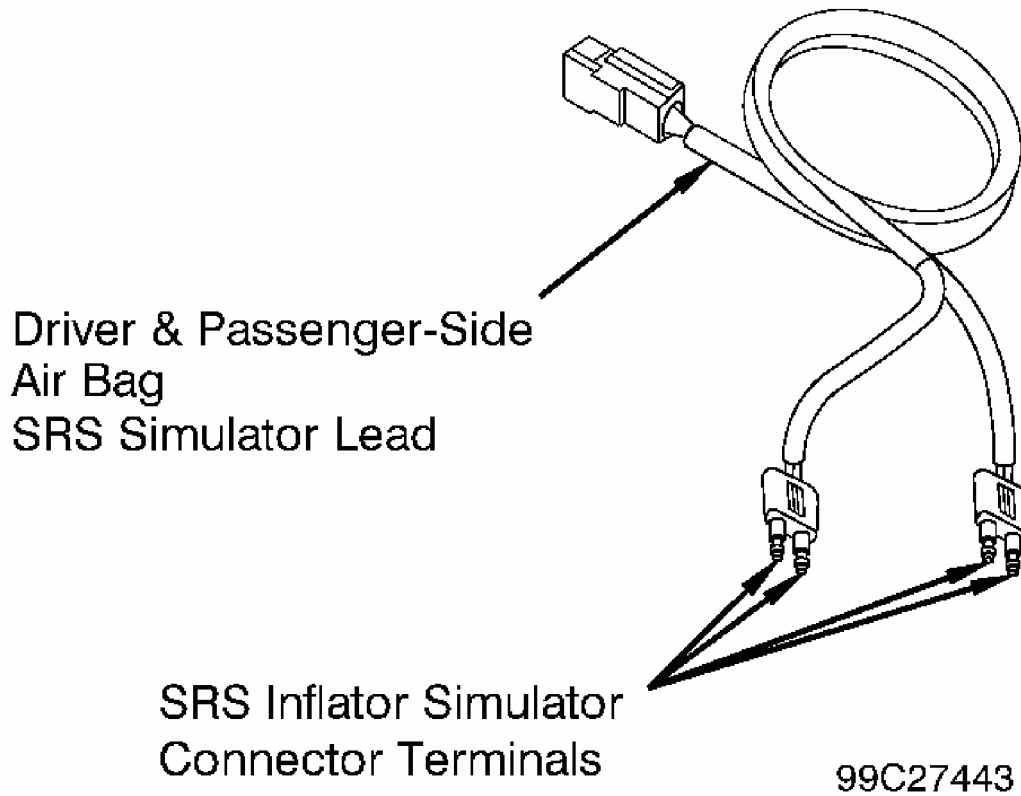
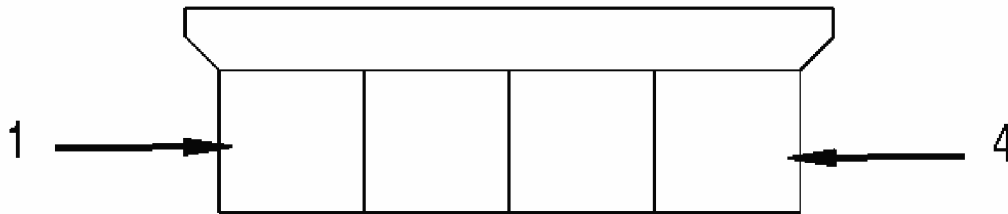


Fig. 42: Identifying Driver- & Passenger-side Air Bag SRS Inflator Simulator Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.



99G27447

Fig. 43: Identifying Cable Reel Lower 4-pin Connector Terminals
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

DTC 11-3, 11-6

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect driver-side air bag 4-pin connector from cable reel 4-pin connector. See **Fig. 2** . Connect SRS Simulator Lead (07XAZ-SZ30100) and SRS Inflator Simulator (07SAZ-TB4011A) to cable reel 4-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 11-3 or 11-6 is indicated, go to next step. If DTC 11-3 or 11-6 is not indicated, replace driver-side air bag module. See **DRIVER-SIDE AIR BAG MODULE** under REMOVAL & INSTALLATION.
3. Disable air bag system. Disconnect SRS simulator inflator simulator from SRS simulator lead. Disconnect cable reel lower 4-pin connector from SRS main harness. Measure

- resistance between each pair of SRS inflator simulator connector terminals. See **Fig. 42** . If resistance is more than one megohm, go to next step. If resistance is less than one megohm, replace cable reel. See **CABLE REEL** under REMOVAL & INSTALLATION.
4. Disconnect SRS main harness 28-pin connector C851. See **Fig. 40** . Measure resistance between SRS main harness side of connector C851, terminals No. 9 and 10. Measure resistance between SRS main harness side of connector C851, terminals No. 3 and 4. If resistance is less than one megohm, replace SRS floor harness between connector C851 and SRS unit. If resistance is more than one megohm, go to next step.
 5. Access and disconnect SRS harness 28-pin connector "A" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. Defeat short connector between SRS harness 28-pin connector "A" terminals No. 1 and 2, or terminal No. 7 and 8. See **DEFEATING SHORT CONNECTOR** under DIAGNOSTICS. Measure resistance between SRS floor harness side of connector C851, terminals No. 9 and 10. Measure resistance between SRS main harness side of connector C851, terminals No. 3 and 4. If resistance is less than one megohm, replace SRS floor harness. If resistance is more than one megohm, replace SRS unit.

DTC 11-8, 11-A

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect driver-side air bag 4-pin connector from cable reel 4-pin connector. See **Fig. 2** . Connect SRS Simulator Lead (07XAZ-SZ30100) and SRS Inflator Simulator (07SAZ-TB4011A) to cable reel 4-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 11-8 or 11-A is indicated, go to next step. If DTC 11-8 or 11-A is not indicated, replace driver-side air bag module. See **DRIVER-SIDE AIR BAG MODULE** under REMOVAL & INSTALLATION.
3. Turn ignition switch to OFF position. Disable air bag system. Access and disconnect SRS

harness 28-pin connector "A" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Reconnect negative battery cable. Turn ignition switch to ON position. Disconnect SRS inflator simulator from SRS simulator lead. Measure voltage between ground and each SRS inflator simulator connector terminal. See **Fig. 42** . If voltage is less than 0.5 volt at all terminals, replace SRS unit. If voltage is more than 0.5 volt at any terminal, go to next step.

4. Turn ignition switch to OFF position. Disable air bag system. Disconnect cable reel lower 4-pin connector from SRS main harness connector. Reconnect negative battery cable. Turn ignition switch to ON position. Measure voltage between ground and each SRS inflator simulator connector terminal. If voltage is more than 0.5 volt at any terminals, replace cable reel. See **CABLE REEL** under REMOVAL & INSTALLATION. If voltage is less than 0.5 volt at all terminals, go to next step.
5. Turn ignition switch to OFF position. Disconnect SRS main harness 28-pin connector C851. Turn ignition switch to ON position. Measure voltage between ground and SRS floor harness side of connector C851, terminals No. 3, 4, 9 and 10. If voltage is more than 0.5 volt at all terminals, replace SRS floor harness between connector C851 and SRS unit. If voltage is less than 0.5 volt at any terminal, replace SRS main harness.

DTC 11-9, 11-B

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect driver-side air bag 4-pin connector from cable reel 4-pin connector. See **Fig. 2** . Connect SRS Simulator Lead (07XAZ-SZ30100) and SRS Inflator Simulator (07SAZ-TB4011A) to cable reel 4-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 11-9 or 11-B is indicated, go to next step. If DTC 11-9 or 11-B is not indicated, replace driver-side air bag module. See **DRIVER-SIDE AIR BAG MODULE** under REMOVAL & INSTALLATION.

3. Disable air bag system. Access and disconnect SRS harness 28-pin connector "A" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Disconnect SRS inflator simulator from SRS inflator simulator lead. Measure resistance between ground and each SRS inflator simulator connector terminal. See **Fig. 42** . If resistance is more than one megohm at all terminals, replace SRS unit. If resistance is less than one megohm at any terminal, go to next step.
4. Disconnect cable reel lower 4-pin connector from SRS main harness connector. Measure resistance between ground Measure resistance between ground and each SRS inflator simulator connector terminal. If resistance is more than one megohm at all terminals, go to next step. If resistance is less than one megohm, replace cable reel. See **CABLE REEL** under REMOVAL & INSTALLATION.
5. Disconnect SRS main harness 28-pin connector C851. Measure resistance between ground and SRS floor harness side of connector C851, terminals No. 3, 4, 9 and 10. If resistance is less than one megohm, replace SRS floor harness between connector C851 and SRS unit. If resistance is more than one megohm, replace SRS main harness.

DTC 12-1, 12-4

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect passenger-side air bag 4-pin connector from SRS harness. See **Fig. 3** . Connect SRS Simulator Lead "F" (07XAZ-SZ30100) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of passenger-side air bag 4-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 12-1 or 12-4 is indicated, go to next step. If DTC 12-1 or 12-4 is not indicated, replace passenger-side air bag module. See **PASSENGER-SIDE AIR BAG MODULE** under REMOVAL & INSTALLATION.
3. Turn ignition switch to OFF position. Disable air bag system. Access and disconnect SRS harness 28-pin connector "A" from SRS unit. See **SRS UNIT** under REMOVAL &

INSTALLATION. See **Fig. 40** . Disconnect SRS inflator simulator from SRS simulator lead. Measure resistance between each pair of SRS inflator simulator connector terminals. See **Fig. 42** . If resistance is less than one ohm, check connection between SRS harness 28-pin connector "A" and SRS unit. If connection is okay, replace SRS unit. If resistance is more than one ohm, go to next step.

4. Disconnect SRS main harness 28-pin connector C851. Measure resistance between SRS floor harness side of connector C851, terminals No. 7 and 8. Measure resistance between SRS floor harness side of connector C851, terminals No. 1 and 2. If resistance is more than one ohm, replace SRS floor harness between connector C851 and SRS unit. If resistance is less than one ohm, replace SRS main harness.

DTC 12-3, 12-6

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect passenger-side air bag 4-pin connector from SRS harness. See **Fig. 3** . Connect SRS Simulator Lead "E" (07XAZ-SZ30100) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of passenger-side air bag 4-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 12-3 or 12-6 is indicated, go to next step. If DTC 12-3 or 12-6 is not indicated, replace passenger-side air bag module. See **PASSENGER-SIDE AIR BAG MODULE** under REMOVAL & INSTALLATION.
3. Disable air bag system. Access and disconnect SRS harness 28-pin connector "A" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Disconnect SRS inflator simulator from SRS simulator lead. Defeat short connector between SRS harness 28-pin connector "A" terminals No. 3 and 4, or terminals No. 9 and 10. See **DEFEATING SHORT CONNECTOR** under DIAGNOSTICS. Measure resistance between each pair of SRS inflator simulator connector terminals. See **Fig. 42** . If resistance is more than one megohm, replace SRS unit. If resistance is less than one

megohm, go to next step.

4. Disconnect SRS main harness 28-pin connector C851. Measure resistance between SRS floor harness side of connector C851, terminals No. 7 and 8. Measure resistance between SRS floor harness side of connector C851, terminals No. 1 and 2. If resistance is less than one megohm, replace SRS floor harness between connector C851 and SRS unit. If resistance is more than one megohm, replace SRS main harness.

DTC 12-8, 12-A

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS**. Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect passenger-side air bag 4-pin connector from SRS harness. See **Fig. 3**. Connect SRS Simulator Lead "E" (07XAZ-SZ30100) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of passenger-side air bag 4-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 12-4 or 12-A is indicated, go to next step. If DTC 12-4 or 12-A is not indicated, replace passenger-side air bag module. See **PASSENGER-SIDE AIR BAG MODULE** under REMOVAL & INSTALLATION.
3. Disable air bag system. Access and disconnect SRS harness 28-pin connector "A" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40**. Reconnect negative battery cable. Turn ignition switch to ON position. Disconnect SRS inflator simulator from SRS simulator lead. Measure voltage between ground and each SRS inflator simulator connector terminal. See **Fig. 42**. If voltage is less than 0.5 volt at all terminals, replace SRS unit. If voltage is more than 0.5 volt at any terminal, go to next step.
4. Turn ignition switch to OFF position. Disconnect SRS main harness 28-pin connector C851. Turn ignition switch to ON position. Measure voltage between ground and SRS floor harness side of connector C851, terminals No. 1, 2, 7 and 8. If voltage is more than 0.5 volt at all terminals, replace SRS floor harness between connector C851 and SRS unit.

If voltage is less than 0.5 volt at any terminal, replace SRS main harness.

DTC 12-9, 12-B

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect passenger-side air bag 4-pin connector from SRS harness. See **Fig. 3** . Connect SRS Simulator Lead "E" (07XAZ-SZ30100) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of passenger-side air bag 4-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 12-9 or 12-B is indicated, go to next step. If DTC 12-9 or 12-B is not indicated, replace passenger-side air bag module. See **PASSENGER-SIDE AIR BAG MODULE** under REMOVAL & INSTALLATION.
3. Turn ignition switch to OFF position. Disable air bag system. Access and disconnect SRS harness 28-pin connector "A" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Disconnect SRS inflator simulator from SRS simulator lead. Measure resistance between ground and each SRS inflator simulator connector terminal. See **Fig. 42** . If resistance is more than one megohm at all terminals, replace SRS unit. If resistance is less than one megohm at any terminal, go to next step.
4. Disconnect SRS main harness 28-pin connector C851. Measure resistance between ground and SRS floor harness side of connector C851, terminals No. 1, 2, 7 and 8. If resistance is less than one megohm, replace SRS floor harness between connector C851 and SRS unit. If resistance is more than one megohm, replace SRS main harness.

DTC 21-1

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to

bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect left seat belt pretensioner 2-pin connector from SRS left side harness. See **Fig. 5** . Connect SRS Simulator Lead "C" (07TAZ-SZ5011A) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of left seat belt pretensioner 2-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 21-1 is indicated, go to next step. If DTC 21-1 is not indicated, replace left seat belt pretensioner. See **SEAT BELT PRETENSIONER** under REMOVAL & INSTALLATION.
3. Turn ignition switch to OFF position. Disable air bag system. Disconnect SRS left side harness 2-pin connector C551. See **Fig. 44** . Connect SRS simulator lead and SRS inflator simulator to SRS main harness side of connector C551. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. If DTC 21-1 is indicated, go to next step. If DTC 21-1 is not indicated, open or increased resistance exists in SRS left side harness. Replace SRS left side wire harness. See **WIRING DIAGRAMS** .
4. Turn ignition switch to OFF position. Disable air bag system. Disconnect right pretensioner 2-pin connector from SRS right side harness. Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Measure resistance between SRS harness 28-pin connector "B", terminals No. 1 and 2. If resistance is 2-3 ohms, check connection between SRS harness 28-pin connector "B" and SRS unit. If connection is okay, replace SRS unit. If resistance is not 2-3 ohms, go to next step.
5. Disconnect SRS main harness 28-pin connector C851. Measure resistance between SRS main harness side of connector C851, terminals No. 5 and 14. If resistance is 2-3 ohms, replace SRS floor harness between connector C851 and SRS unit. If resistance is not 2-3 ohms, SRS main harness.

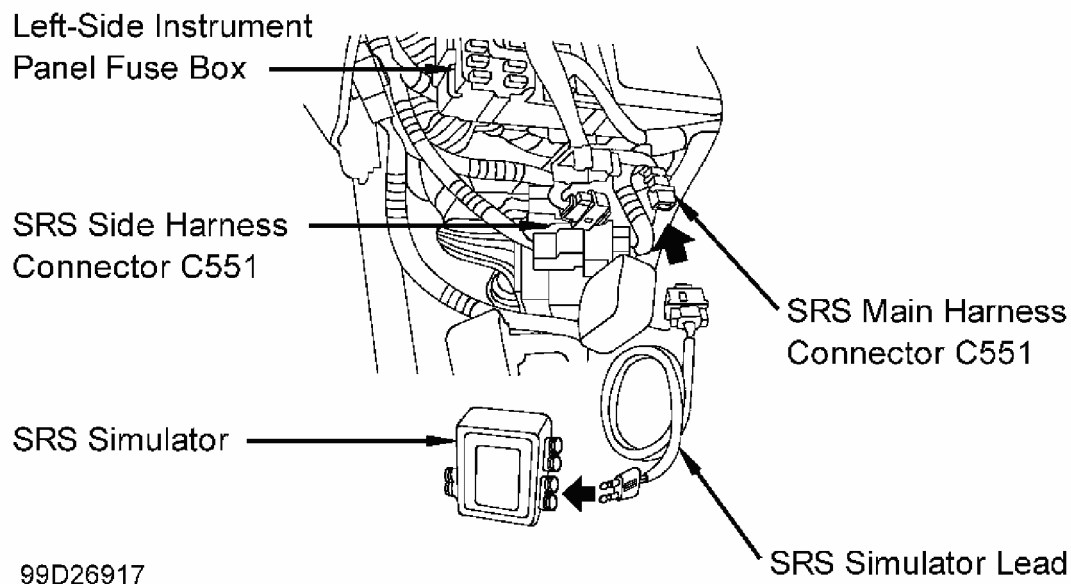


Fig. 44: Connecting SRS Inflator Simulator & Lead To SRS Main Harness Connector C551

Courtesy of AMERICAN HONDA MOTOR CO., INC.

DTC 21-3

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect left seat belt pretensioner 2-pin connector from SRS left side harness. See **Fig. 5** . Connect SRS Simulator Lead (07TAZ-SZ5011A) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of left seat belt pretensioner 2-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC**

TROUBLE CODE (DTC) under DIAGNOSTICS. If DTC 21-3 is indicated, go to next step. If DTC 21-3 is not indicated, replace left seat belt pretensioner. See **SEAT BELT PRETENSIONER** under REMOVAL & INSTALLATION.

3. Turn ignition switch to OFF position. Disable air bag system. Disconnect SRS side harness 4-pin connector C551. See **Fig. 44** . Connect SRS simulator lead and SRS inflator simulator to SRS main harness side connector C551. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. If DTC 21-3 is indicated, go to next step. If DTC 21-3 is not indicated, a short exists in SRS side harness. Replace SRS left side wire harness.
4. Turn ignition switch to OFF position. Disable air bag system. Disconnect right pretensioner 2-pin connector from SRS right side harness. See **SEAT BELT PRETENSIONER** under REMOVAL & INSTALLATION. See **Fig. 5** . Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Disconnect SRS simulator lead and SRS inflator simulator from SRS main harness connector C551. Measure resistance between SRS harness 28-pin connector "B", terminals No. 1 and 2. If resistance is more than one megohm, replace SRS unit. If resistance is less than one megohm, go to next step.
5. Disconnect SRS main harness 28-pin connector C851. Measure resistance between SRS main harness side of connector C851, terminals No. 5 and 14. If resistance is less than one megohm, replace SRS floor harness between connector C851 and SRS unit. If resistance is more than one megohm, replace SRS main harness.

DTC 21-8

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect left seat belt pretensioner 2-pin connector from SRS side harness. See **Fig. 5** . Connect SRS Simulator Lead (07TAZ-SZ5011A) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of left seat belt pretensioner 2-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC**

TROUBLE CODE (DTC) under DIAGNOSTICS. If DTC 21-8 is indicated, go to next step. If DTC 21-8 is not indicated, replace left seat belt pretensioner. See **SEAT BELT PRETENSIONER** under REMOVAL & INSTALLATION.

3. Turn ignition switch to OFF position. Disable air bag system. Disconnect SRS side harness 2-pin connector C551. See **Fig. 44** . Connect SRS simulator lead and SRS inflator simulator to SRS main harness connector C551. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. If DTC 21-8 is indicated, go to next step. If DTC 21-8 is not indicated, go to next step.
4. Turn ignition switch to OFF position. Disable air bag system. Disconnect right pretensioner 2-pin connector from SRS right side harness. Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Disconnect SRS simulator lead and SRS inflator simulator from SRS main harness connector C551. Reconnect negative battery cable. Turn ignition switch to ON position. Measure voltage between ground and SRS harness 28-pin connector "B", terminals No. 1 and 2. If voltage is less than 0.5 volt at both terminals, replace SRS unit. If voltage is more than 0.5 volt at either terminal, go to next step.
5. Turn ignition switch to OFF position. Disconnect SRS main harness 28-pin connector C851. Turn ignition switch to ON position. Measure voltage between ground and SRS main harness side of connector C851, terminals No. 5 and 14. If voltage is less than 0.5 volt at both terminals, replace SRS floor harness between connector C851 and SRS unit. If voltage is more than 0.5 volt at either terminal, replace SRS main harness.

DTC 21-9

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect left seat belt pretensioner 2-pin connector from SRS left side harness. See **Fig. 5** . Connect SRS Simulator Lead (07TAZ-SZ5011A) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of left seat belt pretensioner 2-pin connector. Reconnect negative battery

cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 21-9 is indicated, go to next step. If DTC 21-9 is not indicated, replace left seat belt pretensioner. See **SEAT BELT PRETENSIONER** under REMOVAL & INSTALLATION.

3. Turn ignition switch to OFF position. Disable air bag system. Disconnect SRS side harness connector C551. See **Fig. 44** . Connect SRS simulator lead and SRS inflator simulator to SRS main harness side of connector C551. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. If DTC 21-9 is indicated, go to next step. If DTC 21-9 is not indicated, a short to ground exists in SRS left side harness. Replace SRS left side wire harness.
4. Turn ignition switch to OFF position. Disable air bag system. Disconnect right pretensioner 2-pin connector from SRS right side floor harness. Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Disconnect SRS simulator lead and SRS inflator simulator from SRS main harness connector C551. Measure resistance between ground and SRS harness 28-pin connector "B", terminals No. 1 and 2. If resistance is more than one megohm at both terminals, replace SRS unit. If resistance is less than one megohm at either terminal, go to next step.
5. Disconnect SRS main harness 28-pin connector C851. Measure resistance between ground and SRS main harness side of connector C851, terminals No. 5 and 14. If resistance is more than one megohm at both terminals, replace SRS floor harness between connector C851 and SRS unit. If resistance is less than one megohm at either terminal, replace SRS main harness.

DTC 22-1

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect right pretensioner 2-pin connector from SRS right side harness. See **Fig. 5** . Connect SRS

Simulator Lead (07TAZ-SZ5011A) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of right pretensioner 2-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 22-1 is indicated, go to next step. If DTC 22-1 is not indicated, replace right pretensioner. See **SEAT BELT PRETENSIONER** under REMOVAL & INSTALLATION.

3. Turn ignition switch to OFF position. Disable air bag system. Disconnect SRS side harness connector C581. See **Fig. 45** . Connect SRS simulator lead and SRS inflator simulator to SRS main harness side of connector C581. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. If DTC 22-1 is indicated, go to next step. If DTC 22-1 is not indicated, replace SRS floor harness. See **WIRING DIAGRAMS** .
4. Turn ignition switch to OFF position. Disable air bag system. Disconnect left seat belt pretensioner 2-pin connector from SRS left side harness. Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Measure resistance between SRS harness 28-pin connector "B", terminals No. 3 and 4. If resistance is 2-3 ohms, check connection between SRS harness 28-pin connector "B" and SRS unit. If connection is okay, replace SRS unit. If resistance is not 2-3 ohms, go to next step.
5. Disconnect SRS main harness 28-pin connector C851. Measure resistance between SRS main harness side of connector C851, terminals No. 6 and 15. If resistance is 2-3 ohms, replace SRS floor harness between connector C851 and SRS unit. If resistance is not 2-3 ohms, SRS main harness.

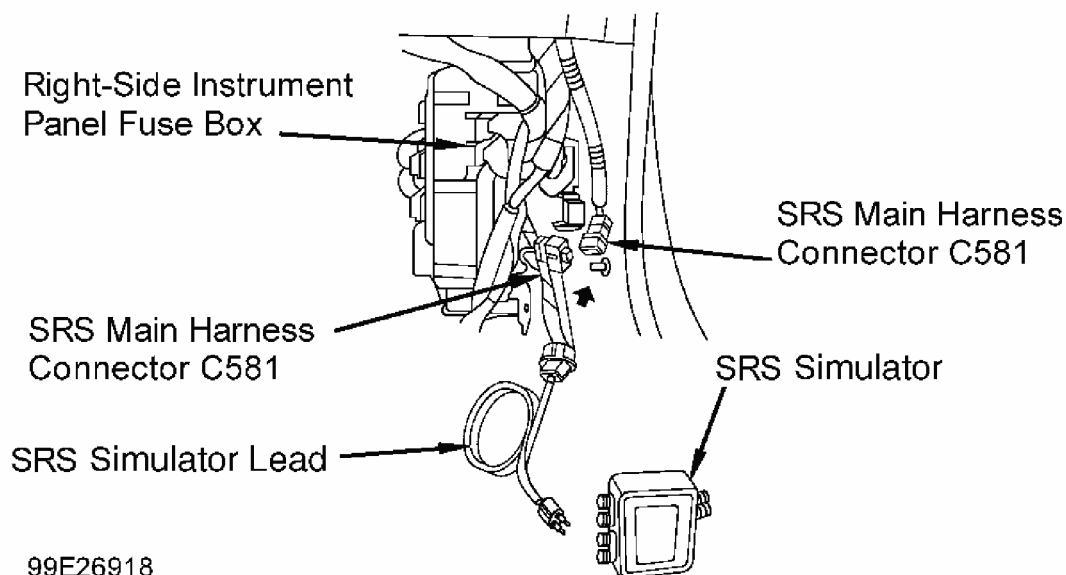


Fig. 45: Connecting SRS Inflator Simulator & Lead To SRS Main Harness Connector C581

Courtesy of AMERICAN HONDA MOTOR CO., INC.

DTC 22-3

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect right pretensioner 2-pin connector from SRS right side harness. See **Fig. 5** . Connect SRS Simulator Lead (07TAZ-SZ5011A) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of right pretensioner 2-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 22-3 is indicated, go to next step. If DTC 22-3 is not indicated, replace right pretensioner. See **SEAT BELT PRETENSIONER** under REMOVAL & INSTALLATION.
3. Turn ignition switch to OFF position. Disable air bag system. Disconnect SRS side harness 2-pin connector C581. See **Fig. 45** . Connect SRS simulator lead and SRS inflator simulator to SRS main harness side of connector C581. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. If DTC 22-3 is indicated, go to next step. If DTC 22-3 is not indicated, replace SRS right side wire harness.
4. Turn ignition switch to OFF position. Disable air bag system. Disconnect left seat belt pretensioner 2-pin connector from SRS left side harness. Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Disconnect SRS simulator lead and SRS inflator simulator from SRS main harness connector C581. Measure resistance between SRS harness 28-pin connector "B", terminals No. 3 and 4. If resistance is more than one megohm, replace SRS unit. If resistance is less than one megohm, go to next step.
5. Disconnect SRS main harness 28-pin connector C851. Measure resistance between SRS main harness side of connector C851, terminals No. 6 and 15. If resistance is less than one

megohm, replace SRS floor harness between connector C851 and SRS unit. If resistance is more than one megohm, replace SRS main harness.

DTC 22-8

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect right pretensioner 2-pin connector from SRS side harness. See **Fig. 5** . Connect SRS Simulator Lead (07TAZ-SZ5011A) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of right pretensioner 2-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 22-8 is indicated, go to next step. If DTC 22-8 is not indicated, replace right pretensioner. See **SEAT BELT PRETENSIONER** under REMOVAL & INSTALLATION.
3. Turn ignition switch to OFF position. Disable air bag system. Disconnect SRS side harness 2-pin connector C581. See **Fig. 45** . Connect SRS simulator lead and SRS inflator simulator to SRS main harness side of connector C581. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. If DTC 22-8 is indicated, go to next step. If DTC 22-8 is not indicated, replace SRS side harness.
4. Turn ignition switch to OFF position. Disable air bag system. Disconnect left seat belt pretensioner 2-pin connector from SRS left side harness. Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Disconnect SRS simulator lead and SRS inflator simulator from SRS main connector C581. Reconnect negative battery cable. Turn ignition switch to ON position. Measure voltage between ground and SRS harness 28-pin connector "B", terminals No. 3 and 4. If voltage is less than 0.5 volt at both terminals, replace SRS unit. If resistance is more than 0.5 volt at either terminal, go to next step.
5. Turn ignition switch to OFF position. Disconnect SRS main harness 28-pin connector C851. Turn ignition switch to ON position. Measure voltage between ground and SRS

main harness side of connector C851, terminals No. 6 and 15. If voltage is less than 0.5 volt at both terminals, replace SRS floor harness between connector C851 and SRS unit. If voltage is more than 0.5 volt at either terminal, replace SRS main harness.

DTC 22-9

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect right pretensioner 2-pin connector from SRS right side harness. See **Fig. 5** . Connect SRS Simulator Lead (07TAZ-SZ5011A) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of right pretensioner 2-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 22-9 is indicated, go to next step. If DTC 22-9 is not indicated, replace right pretensioner. See **SEAT BELT PRETENSIONER** under REMOVAL & INSTALLATION.
3. Turn ignition switch to OFF position. Disable air bag system. Disconnect SRS side harness 2-pin connector C581. See **Fig. 45** . Connect SRS simulator lead and SRS inflator simulator to SRS main harness side of connector C581. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. If DTC 22-9 is indicated, go to next step. If DTC 22-9 is not indicated, replace SRS side harness.
4. Turn ignition switch to OFF position. Disable air bag system. Disconnect left seat belt pretensioner 2-pin connector from SRS left side harness. Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Disconnect SRS simulator lead and SRS inflator simulator from SRS main harness connector C581. Measure resistance between ground and SRS harness 28-pin connector "B", terminals No. 3 and 4. If resistance is more than one megohm at both terminals, replace SRS unit. If resistance is less than one megohm at either terminal, go to next step.
5. Disconnect SRS main harness 28-pin connector C851. Measure resistance between ground

and SRS main harness side of connector C851, terminals No. 6 and 15. If resistance is more than one megohm at both terminals, replace SRS floor harness between connector C851 and SRS unit. If resistance is less than one megohm at either terminal, replace SRS main harness.

DTC 31-1

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS**. Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect left side impact air bag 2-pin connector. See **Fig. 4**. Connect SRS Simulator Lead (07XAZ-S1A0200) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of left side impact air bag 2-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 31-1 is indicated, go to next step. If DTC 31-1 is not indicated, left side impact air bag module. See **SIDE AIR BAG MODULE** under REMOVAL & INSTALLATION.
3. Turn ignition switch to OFF position. Disable air bag system. Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5**. Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40**. Disconnect SRS inflator simulator from SRS simulator lead. Measure resistance between SRS inflator simulator connector terminals. See **Fig. 46**. If resistance is less than one ohm, check for poor contact between SRS harness 28-pin connector "B" and SRS unit. If connection is okay, replace SRS unit. If resistance is more than one ohm, go to next step.
4. Disconnect SRS floor harness 28-pin connector C852. Measure resistance between SRS floor harness side of connector C852, terminals No. 21 and 22. If resistance is more than one ohm, open or increased resistance exists in SRS floor harness. Replace SRS floor harness between connector C852 and SRS unit. If resistance is less than one ohm, open or increased resistance exists in SRS left side harness or SRS floor sub-harness. Replace

appropriate harness.

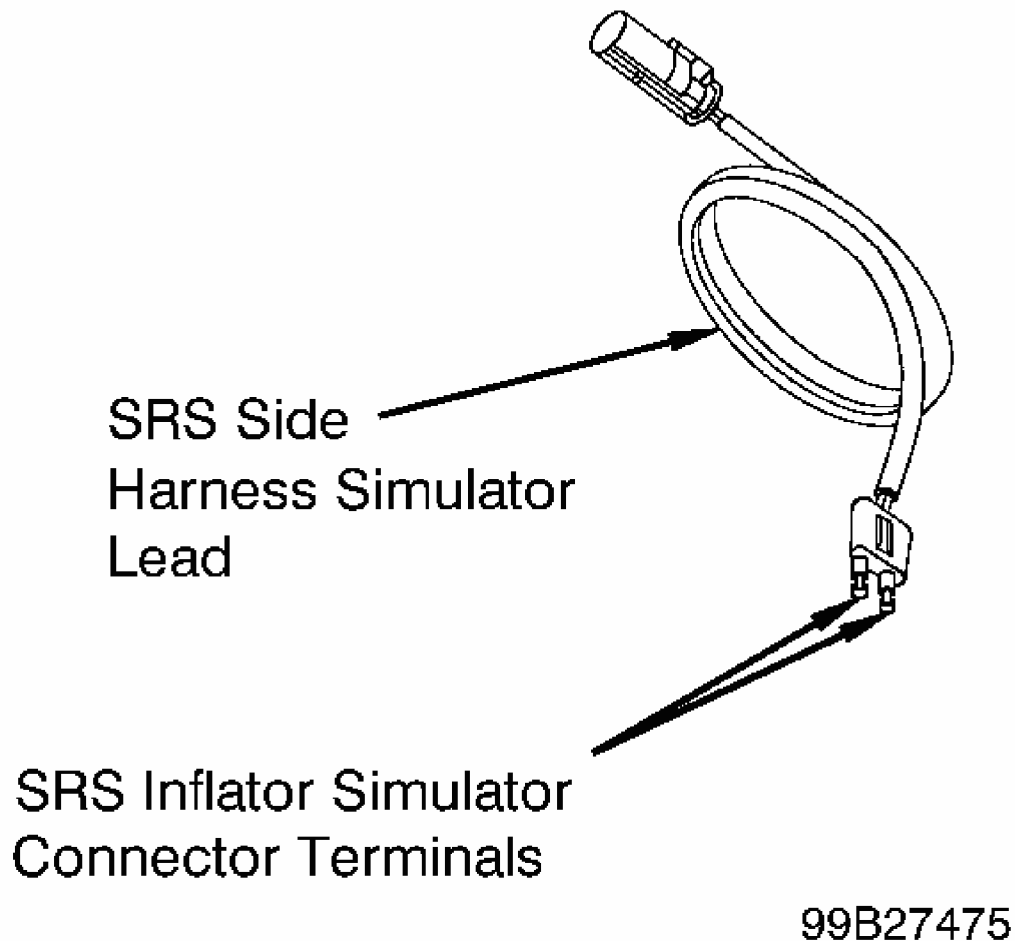


Fig. 46: Identifying Side Air Bag SRS Inflator Simulator Connector Terminals
Courtesy of AMERICAN HONDA MOTOR CO., INC.

DTC 31-3

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** . Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** .
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Disconnect left side impact air bag connector. See **Fig. 4** . Connect SRS Simulator Lead (07XAZ-S1A0200) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of left side impact air bag 2-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under **DIAGNOSTICS**. If DTC 31-3 is indicated, go to next step. If DTC 31-3 is not indicated, replace left side impact air bag module. See **SIDE AIR BAG MODULE** under **REMOVAL & INSTALLATION**.
3. Turn ignition switch to OFF position. Disable air bag system. Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5** . Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under **REMOVAL & INSTALLATION**. See **Fig. 40** . Disconnect SRS inflator simulator from SRS simulator. Measure resistance between SRS inflator simulator connector terminals. See **Fig. 46** . If resistance is more than one megohm, replace SRS unit. If resistance is less than one megohm, go to next step.
4. Disconnect SRS floor harness 28-pin connector C852. Measure resistance between SRS floor harness side of connector C852, terminals No. 21 and 22. If resistance is less than one megohm, a short exists in SRS floor harness. Replace SRS floor harness between connector C852 and SRS unit. If resistance is more than one megohm, a short exists in SRS left side harness or SRS floor sub-harness. Replace appropriate harness.

DTC 31-8

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** . Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT**

FAILURES .

2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Disconnect left side impact air bag connector. See **Fig. 4** . Connect SRS Simulator Lead (07XAZ-S1A0200) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of left side impact air bag 2-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under **DIAGNOSTICS**. If DTC 31-8 is indicated, go to next step. If DTC 31-8 is not indicated, replace left side impact air bag module. See **SIDE AIR BAG MODULE** under **REMOVAL & INSTALLATION**.
3. Turn ignition switch to OFF position. Disable air bag system. Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5** . Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under **REMOVAL & INSTALLATION**. See **Fig. 40** . Connect negative battery cable. Remove SRS inflator simulator from SRS simulator lead. Turn ignition switch to ON position. Measure voltage between ground and SRS inflator simulator connector terminals. See **Fig. 46** . If voltage is less than 0.5 volt at both terminals, replace SRS unit. If voltage is more than 0.5 volt at either terminal, go to next step.
4. Turn ignition switch to OFF position. Disconnect SRS floor harness 28-pin connector C852. Measure voltage between ground SRS floor harness side of connector C852, terminals No. 21 and 22. If voltage is more than 0.5 volt at either terminal, a short to power exists in SRS floor harness. Replace SRS floor harness between connector C852 and SRS unit. If voltage is less than 0.5 volt at both terminals, a short to power exists in SRS left side harness or SRS floor sub-harness. Replace appropriate harness.

DTC 31-9

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** . Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** .
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Disconnect left

side impact air bag connector. See **Fig. 4** . Connect SRS Simulator Lead (07XAZ-S1A0200) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of left side impact air bag 2-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under **DIAGNOSTICS**. If DTC 31-9 is indicated, go to next step. If DTC 31-9 is not indicated, replace left side impact air bag module. See **SIDE AIR BAG MODULE** under **REMOVAL & INSTALLATION**.

3. Turn ignition switch to OFF position. Disable air bag system. Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5** . Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under **REMOVAL & INSTALLATION**. See **Fig. 40** . Remove SRS inflator simulator from SRS simulator lead. Measure resistance between ground and SRS inflator simulator connector terminals. See **Fig. 46** . If resistance is more than one megohm at both terminals, replace SRS unit. If resistance is less than one megohm at either terminal, go to next step.
4. Disconnect SRS floor harness 28-pin connector C852. Measure resistance between ground and SRS floor harness side of connector C852, terminal No. 22. Measure resistance between SRS floor harness side of connector C852, terminal No. 22 and terminals No. 17 and 27. If resistance is less than one megohm at any terminal, a short to ground exists in SRS floor harness. Replace SRS floor harness between connector C852 and SRS unit. If resistance is more than one megohm at all terminals, a short to ground exists in SRS left side harness or SRS floor sub-harness. Replace appropriate harness.

DTC 32-1

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under **DIAGNOSTICS**. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under **DIAGNOSTICS**.
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Disconnect right side impact air bag connector. See **Fig. 4** . Connect SRS Simulator Lead (07XAZ-S1A0200) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of right side impact air bag 2-pin connector. Reconnect negative battery cable. Erase DTC memory.

Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under **DIAGNOSTICS**. If DTC 32-1 is indicated, go to next step. If DTC 32-1 is not indicated, replace right side impact air bag module. See **SIDE AIR BAG MODULE** under **REMOVAL & INSTALLATION**.

3. Turn ignition switch to OFF position. Disable air bag system. Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5** . Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under **REMOVAL & INSTALLATION**. See **Fig. 40** . Disconnect SRS inflator simulator from SRS simulator lead. Measure resistance between SRS inflator simulator connector terminals. See **Fig. 46** . If resistance is less than one ohm, check for poor contact between SRS harness 28-pin connector "B" and SRS unit. If connection is okay, replace SRS unit. If resistance is more than one ohm, go to next step.
4. Disconnect SRS floor harness 28-pin connector C852. Measure resistance between SRS floor harness side of connector C852, terminals No. 23 and 24. If resistance is more than one ohm, open or increased resistance exists in SRS floor harness. Replace SRS floor harness between connector C852 and SRS unit. If resistance is less than one ohm, open or increased resistance exists in SRS right side harness or SRS floor sub-harness. Replace appropriate harness.

DTC 32-3

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** . Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** .
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Disconnect right side impact air bag connector. See **Fig. 4** . Connect SRS Simulator Lead (07XAZ-S1A0200) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of right side impact air bag 2-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under **DIAGNOSTICS**. If DTC 32-3 is indicated, go to next step. If DTC 32-3 is not indicated, replace right side impact air bag module. See **SIDE AIR BAG MODULE** under

REMOVAL & INSTALLATION.

3. Turn ignition switch to OFF position. Disable air bag system. Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5** . Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Disconnect SRS inflator simulator from SRS simulator lead. Measure resistance between SRS inflator simulator connector terminals. See **Fig. 46** . If resistance is less than one ohm, check for poor contact between SRS harness 28-pin connector "B" and SRS unit. If connection is okay, replace SRS unit. If resistance is more than one ohm, go to next step.
4. Disconnect SRS floor harness 28-pin connector C852. Measure resistance between SRS floor harness side of connector C852, terminals No. 23 and 24. If resistance is more than one ohm, open or increased resistance exists in SRS floor harness. Replace SRS floor harness between connector C852 and SRS unit. If resistance is less than one ohm, open or increased resistance exists in SRS right side harness or SRS floor sub-harness. Replace appropriate harness.

DTC 32-8

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** . Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** .
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect right side impact air bag connector. See **Fig. 4** . Connect SRS Simulator Lead (07XAZ-S1A0200) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of right side impact air bag 2-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 32-8 is indicated, go to next step. If DTC 32-8 is not indicated, replace right side impact air bag module. See **SIDE AIR BAG MODULE** under REMOVAL & INSTALLATION.
3. Turn ignition switch to OFF position. Disable air bag system. Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5** . Access and disconnect SRS harness

28-pin connector "B" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Connect negative battery cable. Remove SRS inflator simulator from SRS simulator lead. Turn ignition switch to ON position. Measure voltage between ground and SRS inflator simulator connector terminals. See **Fig. 46** . If voltage is less than 0.5 volt at both terminals, replace SRS unit. If voltage is more than 0.5 volt at either terminal, go to next step.

4. Turn ignition switch to OFF position. Disconnect SRS floor harness 28-pin connector C852. Measure voltage between ground SRS floor harness side of connector C852, terminals No. 23 and 24. If voltage is more than 0.5 volt at either terminal, a short to power exists in SRS floor harness. Replace SRS floor harness between connector C852 and SRS unit. If voltage is less than 0.5 volt at both terminals, a short to power exists in SRS right side harness or SRS floor sub-harness. Replace appropriate harness.

DTC 32-9

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** . Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** .
2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect right side impact air bag connector. See **Fig. 4** . Connect SRS Simulator Lead (07XAZ-S1A0200) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of right side impact air bag 2-pin connector. Reconnect negative battery cable. Erase DTC memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 32-9 is indicated, go to next step. If DTC 32-9 is not indicated, replace right side impact air bag module. See **SIDE AIR BAG MODULE** under REMOVAL & INSTALLATION.
3. Turn ignition switch to OFF position. Disable air bag system. Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5** . Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Remove SRS inflator simulator from SRS simulator lead. Measure resistance between ground and SRS inflator simulator connector terminals. See

Fig. 46 . If resistance is more than one megohm at both terminals, replace SRS unit. If resistance is less than one megohm at either terminal, go to next step.

4. Disconnect SRS floor harness 28-pin connector C852. Measure resistance between ground and SRS floor harness side of connector C852, terminal No. 23. Measure resistance between SRS floor harness side of connector C852, terminal No. 23 and terminals No. 17 and 27. If resistance is less than one megohm at any terminal, a short to ground exists in SRS floor harness. Replace SRS floor harness between connector C852 and SRS unit. If resistance is more than one megohm at all terminals, a short to ground exists in SRS right side harness or SRS floor sub-harness. Replace appropriate harness.

DTC 41-1

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** . Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** .
2. Turn ignition switch to OFF position. Access and check SRS harness connector "A", connector C851, Yellow 4-pin connector C304 (located behind left side of dash) and left front impact sensor connector for proper connection. See **SRS UNIT** and **FRONT IMPACT SENSOR** under REMOVAL & INSTALLATION. See **Fig. 40** . If connections are okay, go to next step. If connections are not okay, repair poor connection as necessary and retest. If AIR BAG warning light stays on, go to next step.
3. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect driver-side air bag 4-pin connector from cable reel 4-pin connector. See **Fig. 2** . Disconnect passenger-side air bag 4-pin connector from SRS harness. See **Fig. 3** . Disconnect right and left seat belt pretensioner 2-pin connector from SRS harness. See **Fig. 5** . Disconnect SRS harness 2-pin connector from left front impact sensor. Disconnect SRS harness 28-pin connector "A" from SRS unit. Measure resistance between SRS harness 28-pin connector "A", terminals No. 15 and 27. If resistance is more than one megohm, go to next step. If resistance is less than one megohm, go to step 6 .
4. Reconnect negative battery cable. Turn ignition switch to ON position. Measure voltage between ground and SRS harness connector "A", terminals No. 15 and 27. If voltage is

less than one volt, go to next step. If voltage is more than one volt, go to step 7 .

5. Turn ignition switch to OFF position. Connect SRS Simulator Lead "H" (07YAZ-S3AA100) and SRS inflator simulator (07SAZ-TB4011A) to SRS harness side of left front impact sensor 2-pin connector. Measure resistance between SRS harness 28-pin connector "A", terminals No. 15 and 27. If resistance is less than one ohm, fault exists in left front impact sensor or SRS unit. Replace left front impact sensor. If problem still is present, replace SRS unit. If resistance is more than one ohm, go to step 8 .
6. Disconnect SRS main harness 28-pin connector C851. Measure resistance between SRS harness 28-pin connector "A", terminals No. 15 and 27. If resistance is less than one megohm, a short exists in SRS floor harness. Replace SRS floor harness between connector C851 and SRS unit. If resistance is more than one megohm, a short exists in left side SRS engine harness or SRS main harness. Replace appropriate harness.
7. Turn ignition switch to OFF position. Disconnect SRS main harness 28-pin connector C851. Measure voltage between ground and SRS harness 28-pin connector "A", terminal No. 27. If voltage is more than one volt, a short to power exists in SRS floor harness. Replace SRS floor harness between connector C851 and SRS unit. If voltage is more than one volt, a short to power exists in left side SRS engine harness or SRS main harness. Replace appropriate harness.
8. Disconnect SRS main harness 28-pin connector C851. Measure resistance between SRS main harness side of connector C851, terminals No. 27 and 28. If resistance is less than one ohm, fault exists in SRS floor harness. Replace SRS floor harness between connector C851 and SRS unit. If resistance is more than one megohm, fault exists in left side SRS engine harness or SRS main harness. Replace appropriate harness.

DTC 42-1

WARNING: Bumping SRS unit can cause air bags to accidently deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** . Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** .
2. Turn ignition switch to OFF position. Access and check SRS harness connector "A", connector C851, Yellow 4-pin connector C205 (located behind right side of dash) and left front impact sensor connector for proper connection. See **SRS UNIT** and **FRONT**

IMPACT SENSOR under REMOVAL & INSTALLATION. See **Fig. 40** . If connections are okay, go to next step. If connections are not okay, repair poor connection as necessary.

3. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect driver-side air bag 4-pin connector from cable reel 4-pin connector. See **Fig. 2** . Disconnect passenger-side air bag 4-pin connector from SRS harness. See **Fig. 3** . Disconnect right and left seat belt pretensioner 2-pin connector from SRS harness. See **Fig. 5** . Disconnect SRS harness 2-pin connector from right front impact sensor. Disconnect SRS harness 28-pin connector "A" from SRS unit. Measure resistance between SRS harness 28-pin connector "A", terminals No. 16 and 28. If resistance is more than one megohm, go to next step. If resistance is less than one megohm, go to step 6 .
4. Reconnect negative battery cable. Turn ignition switch to ON position. Measure voltage between ground and SRS harness connector "A", terminals No. 16 and 28. If voltage is less than one volt, go to next step. If voltage is more than one volt, go to step 7 .
5. Turn ignition switch to OFF position. Connect SRS Simulator Lead "H" (07YAZ-S3AA100) and SRS inflator simulator (07SAZ-TB4011A) to SRS harness side of right front impact sensor 2-pin connector. Measure resistance between SRS harness 28-pin connector "A", terminals No. 16 and 28. If resistance is less than one ohm, fault exists in right front impact sensor or SRS unit. Replace right front impact sensor. If problem still is present, replace SRS unit. If resistance is more than one ohm, go to step 8 .
6. Disconnect SRS main harness 28-pin connector C851. Measure resistance between SRS harness 28-pin connector "A", terminals No. 16 and 28. If resistance is less than one megohm, a short exists in SRS floor harness. Replace SRS floor harness between connector C851 and SRS unit. If resistance is more than one megohm, a short exists in right side SRS engine harness or SRS main harness. Replace appropriate harness.
7. Disconnect SRS main harness 28-pin connector C851. Measure voltage between ground and SRS main harness side of connector C851, terminal No. 28. If voltage is more than one volt, a short to power exists in SRS floor harness. Replace SRS floor harness between connector C851 and SRS unit. If voltage is less than one volt, a short to power exists in right side SRS engine harness or SRS main harness. Replace appropriate harness.
8. Disconnect SRS main harness 28-pin connector C851. Measure resistance between SRS main harness side of connector C851, terminals No. 11 and 18. If resistance is less than one ohm, fault exists in SRS floor harness. Replace SRS floor harness between connector C851 and SRS unit. If resistance is more than one megohm, fault exists in right side SRS engine harness or SRS main harness. Replace appropriate harness.

DTC 43-1

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has

been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Disable air bag system. See **DISABLING & ACTIVATING AIR BAG SYSTEM** . Access and check for poor connection between SRS left side harness 2-pin connector and left side impact sensor. See **SIDE IMPACT SENSOR** under REMOVAL & INSTALLATION. If connection is okay, go to next step. If connection is faulty, reconnect connector or replace SRS harness or sensor as necessary.
3. Access and disconnect left and right side impact air bag module 2-pin connectors. See **Fig. 4** . Disconnect SRS floor harness 2-pin connector from left side impact sensor. Disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Connect SRS Simulator Lead (07YAZ-S3A010) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of left side impact sensor 2-pin connector. Measure resistance between SRS harness 28-pin connector "B", terminals No. 19 and 20. If resistance is 0-1 ohm, faulty SRS unit or left side impact sensor exists. Replace left side impact sensor, and if problem still exists, replace SRS unit. If resistance is more than one ohm, go to next step.
4. Disconnect SRS floor harness 28-pin connector C852. Measure resistance between SRS floor sub-harness side of connector C852, terminals No. 17 and 18. If resistance is 0-1 ohm, open exists in SRS floor harness. Replace SRS floor harness between connector C852 and SRS unit. If resistance is more than one ohm, open exists in left side SRS side harness or SRS floor sub-harness. Replace appropriate harness.

DTC 44-1

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system

is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.

2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING & ACTIVATING AIR BAG SYSTEM** . Access and check for poor connection between SRS floor harness 2-pin connector and right side impact sensor. See **SIDE IMPACT SENSOR** under REMOVAL & INSTALLATION. If connection is okay, go to next step. If connection is faulty, reconnect or replace right side impact sensor.
3. Disconnect right and left side impact air bag module 2-pin connectors. See **Fig. 4** . Disconnect SRS harness 2-pin connector from right side impact sensor. Connect SRS Simulator Lead (07YAZ-S3A0100) and SRS Inflator Simulator (07SAZ-TB4011A) to harness side of right side impact sensor 2-pin connector. Access and disconnect SRS harness 28-pin connector "B" from SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Measure resistance between SRS harness 28-pin connector "B", terminals No. 25 and 26. If resistance is 0-1 ohm, faulty SRS unit or right side impact sensor exists. Replace right side impact sensor. If problem is still present, replace SRS unit. If resistance is more than one ohm, go to next step.
4. Disconnect SRS floor harness 28-pin connector C852. Measure resistance between SRS floor sub-harness side of connector C852, terminals No. 27 and 28. If resistance is 0-1 ohm, open exists in SRS floor harness. Replace SRS floor harness between connector C852 and SRS unit. If resistance is more than one ohm, open exists in right side SRS side harness or SRS floor sub-harness. Replace appropriate harness.

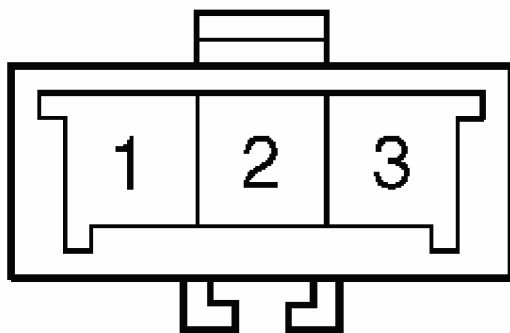
DTC 61-1

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Turn ignition switch to ON position. Buckle and unbuckle left front seat belt buckle several times. Read Diagnostic Trouble Code (DTC). See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 61-1 is indicated, go to next step. If DTC 61-1 is not indicated, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disconnect SRS left side harness 3-pin connector from left front seat belt buckle switch connector. Buckle left front seat belt. Measure resistance between buckle-side of left front seat belt 3-pin connector terminals No. 1 and 3. See **Fig. 47** . Measure resistance between buckle-side of left front seat belt 3-pin connector terminals No. 1 and 2. If resistance between terminals No. 1 and 3 is 0-1 ohm

- and resistance between terminals No. 1 and 2 is more than one megohm, go to next step. If resistance between terminals No. 1 and 3 is more than one ohm and resistance between terminals No. 1 and 2 is less than one megohm, replace left front seat belt buckle assembly. See **FRONT SEAT BELT BUCKLE** under REMOVAL & INSTALLATION.
3. Unbuckle left front seat belt. Measure resistance between left front seat belt 3-pin connector terminals No. 1 and 2. Measure resistance between buckle-side of left front seat belt 3-pin connector terminals No. 1 and 3. If resistance between terminals No. 1 and 2 is 0-1 ohm and resistance between terminals No. 1 and 3 is more than one megohm, go to next step. If resistance between terminals No. 1 and 2 is more than one ohm and resistance between terminals No. 1 and 3 is less than one megohm, replace left front seat belt buckle assembly.
 4. Measure resistance between ground and harness side of left front seat belt 3-pin connector terminal No. 1. If resistance is 0-1 ohm, go to next step. If resistance is more than one ohm, check ground No. G551, located at left B-pillar, for poor connection. If ground No. G551 is okay, open exists in left front seat harness (if equipped with power seat) or SRS left side harness (if not equipped with power seat). Replace appropriate harness.
 5. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Access and disconnect SRS harness 28-pin connector "B". See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5** . Measure resistance between SRS harness 28-pin connector "B", terminal No. 17 and harness side of left front seat belt 3-pin connector terminal No. 3. If resistance is 0-1 ohm, go to next step. If resistance is more than one ohm, open exists in left front seat harness (if equipped with power seat) or SRS left side harness (if not equipped with power seat). Replace appropriate harness.
 6. Measure resistance between SRS harness 28-pin connector "B", terminal No. 11 and harness side of left front seat belt 3-pin connector terminal No. 2. If resistance is 0-1 ohm, replace SRS unit. If resistance is more than one ohm, poor connection may exist at left side harness, driver-side instrument panel fuse box, or multiplex control unit. If connections are okay open exists in left front seat harness (if equipped with power seat), SRS left side harness, instrument panel harness, SRS main harness or multiplex control unit. Replace faulty wire harness or component as necessary.

SEAT BELT BUCKLE SWITCH CONNECTOR



99G24436

Fig. 47: Identifying Seat Belt Buckle Switch 3-pin Connector Terminals
Courtesy of AMERICAN HONDA MOTOR CO., INC.

DTC 61-2

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS**. Turn ignition switch to ON position. Buckle and unbuckle left front seat belt buckle several times. Read Diagnostic Trouble Code (DTC). See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 61-2 is indicated, go to next step. If DTC 61-2 is not indicated, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disconnect SRS left side harness 3-pin connector from left front seat belt buckle switch connector. Buckle left front seat belt. Measure resistance between buckle-side of left front seat belt 3-pin connector terminals No. 1 and

3. See **Fig. 47** . Measure resistance between buckle-side of left front seat belt 3-pin connector terminals No. 1 and 2. If resistance between terminals No. 1 and 3 is 0-1 ohm and resistance between terminals No. 1 and 2 is more than one megohm, go to next step. If resistance between terminals No. 1 and 3 is more than one ohm and resistance between terminals No. 1 and 2 is less than one megohm, replace left front seat belt buckle assembly. See **FRONT SEAT BELT BUCKLE** under REMOVAL & INSTALLATION.
3. Unbuckle left front seat belt. Measure resistance between left front seat belt 3-pin connector terminals No. 1 and 2. Measure resistance between buckle-side of left front seat belt 3-pin connector terminals No. 1 and 3. If resistance between terminals No. 1 and 2 is 0-1 ohm and resistance between terminals No. 1 and 3 is more than one megohm, go to next step. If resistance between terminals No. 1 and 2 is more than one ohm and resistance between terminals No. 1 and 3 is less than one megohm, replace left front seat belt buckle assembly.
4. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Access and disconnect SRS harness 28-pin connector "B". See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5** . Measure resistance between ground and left front seat belt 3-pin connector terminal No. 2. If resistance is more than one megohm, go to next step. If resistance is less than one megohm, a short to ground exists in left front seat harness (if equipped with power seat), SRS left side harness, SRS floor harness or multiplex control unit. Replace faulty wire harness or component as necessary.
5. Measure resistance between ground and harness side of left front seat belt 3-pin connector terminal No. 3. If resistance is more than one megohm, replace SRS unit. If resistance is less than one megohm, a short to ground exists in floor harness.

DTC 62-1

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Turn ignition switch to ON position. Buckle and unbuckle right front seat belt buckle several times. Read Diagnostic Trouble Code (DTC). See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 62-1 is indicated, go to next step. If DTC 62-1 is not indicated, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disconnect SRS right side harness 3-pin connector

- from right front seat belt buckle switch connector. Buckle right front seat belt. Measure resistance between buckle-side of right front seat belt 3-pin connector terminals No. 1 and 3. See **Fig. 47** . Measure resistance between buckle-side of right front seat belt 3-pin connector terminals No. 1 and 2. If resistance between terminals No. 1 and 3 is 0-1 ohm and resistance between terminals No. 1 and 2 is more than one megohm, go to next step. If resistance between terminals No. 1 and 3 is more than one ohm and resistance between terminals No. 1 and 2 is less than one megohm, replace right front seat belt buckle assembly. See **FRONT SEAT BELT BUCKLE** under REMOVAL & INSTALLATION.
3. Unbuckle right front seat belt. Measure resistance between right front seat belt 3-pin connector terminals No. 1 and 2. Measure resistance between buckle-side of right front seat belt 3-pin connector terminals No. 1 and 3. If resistance between terminals No. 1 and 2 is 0-1 ohm and resistance between terminals No. 1 and 3 is more than one megohm, go to next step. If resistance between terminals No. 1 and 2 is more than one ohm and resistance between terminals No. 1 and 3 is less than one megohm, replace right front seat belt buckle assembly.
 4. Measure resistance between ground and harness side of right front seat belt 3-pin connector terminal No. 1. If resistance is 0-1 ohm, go to next step. If resistance is more than one ohm, check ground No. G551, located at right B-pillar, for poor connection. If ground No. G551 is okay, open exists in right front seat harness (if equipped with seat heater) or SRS right side harness (if not equipped with seat heater). Replace appropriate harness.
 5. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Access and disconnect SRS harness 28-pin connector "B". See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5** . Measure resistance between SRS harness 28-pin connector "B", terminal No. 18 and harness side of right front seat belt 3-pin connector terminal No. 3. If resistance is 0-1 ohm, go to next step. If resistance is more than one ohm, open exists in right front seat harness (if equipped with power seat) or SRS right side harness (if not equipped with power seat). Replace appropriate harness.
 6. Measure resistance between SRS harness 28-pin connector "B", terminal No. 12 and harness side of right front seat belt 3-pin connector terminal No. 2. If resistance is 0-1 ohm, replace SRS unit. If resistance is more than one ohm, poor connection may exist at right side harness, driver-side instrument panel fuse box, or multiplex control unit. If connections are okay open exists in right front seat harness (if equipped with power seat), SRS right side harness, instrument panel harness, SRS main harness or multiplex control unit. Replace faulty wire harness or component as necessary.

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

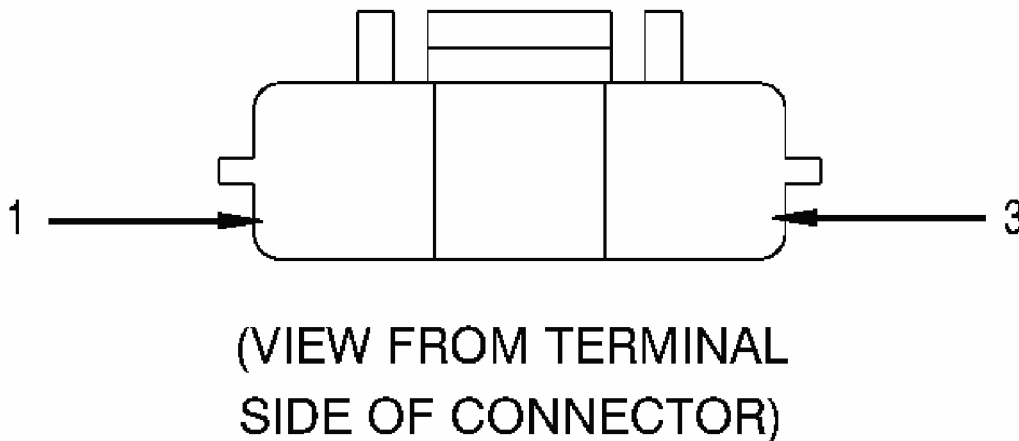
1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS**. Turn ignition switch to ON position. Buckle and unbuckle right front seat belt buckle several times. Read Diagnostic Trouble Code (DTC). See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 62-2 is indicated, go to next step. If DTC 62-2 is not indicated, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Disconnect SRS right side harness 3-pin connector from right front seat belt buckle switch connector. Buckle right front seat belt. Measure resistance between buckle-side of right front seat belt 3-pin connector terminals No. 1 and 3. See **Fig. 47**. Measure resistance between buckle-side of right front seat belt 3-pin connector terminals No. 1 and 2. If resistance between terminals No. 1 and 3 is 0-1 ohm and resistance between terminals No. 1 and 2 is more than one megohm, go to next step. If resistance between terminals No. 1 and 3 is more than one ohm and resistance between terminals No. 1 and 2 is less than one megohm, replace right front seat belt buckle assembly. See **FRONT SEAT BELT BUCKLE** under REMOVAL & INSTALLATION.
3. Unbuckle right front seat belt. Measure resistance between right front seat belt 3-pin connector terminals No. 1 and 2. Measure resistance between buckle-side of right front seat belt 3-pin connector terminals No. 1 and 3. If resistance between terminals No. 1 and 2 is 0-1 ohm and resistance between terminals No. 1 and 3 is more than one megohm, go to next step. If resistance between terminals No. 1 and 2 is more than one ohm and resistance between terminals No. 1 and 3 is less than one megohm, replace right front seat belt buckle assembly.
4. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Access and disconnect SRS harness 28-pin connector "B". See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40**. Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5**. Measure resistance between ground and right front seat belt 3-pin connector terminal No. 2. If resistance is more than one megohm, go to next step. If resistance is less than one megohm, a short to ground exists in right front seat harness (if equipped with seat heater), SRS right side harness, SRS floor harness or multiplex control unit. Replace faulty wire harness or component as necessary.
5. Measure resistance between ground and harness side of right front seat belt 3-pin connector terminal No. 3. If resistance is more than one megohm, replace SRS unit. If resistance is less than one megohm, a short to ground exists in floor harness.

DTC 71-1

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

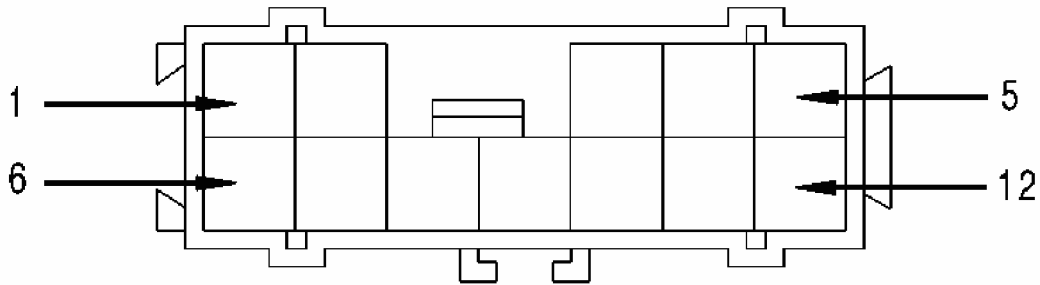
1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** . Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** .
2. Check connection at seat position sensor. Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** . Read Diagnostic Trouble Code (DTC). See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 71-1 is indicated, go to next step. If DTC 71-1 is not indicated, correct any poor connections and recheck DTCs. If DTC 71-1 is still indicated, go to next step.
3. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5** . Disconnect seat position sensor 2-pin harness connector. Connect SRS simulator lead (07YAZ-S3AA100) to harness side of seat position sensor 2-pin connector. Access and disconnect SRS harness 28-pin connector "B". See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Measure resistance between SRS harness 28-pin connector "B", terminals No. 16 and 28. If resistance is 0-1 ohm, faulty SRS unit or seat position sensor exists. Replace seat position sensor. See **SEAT POSITION SENSOR** under REMOVAL & INSTALLATION. If problem still exists, replace SRS unit. If resistance is more than one ohm, go to next step.
4. Disconnect SRS floor harness 28-pin connector C851. Measure resistance between SRS floor sub-harness side of connector C851, terminals No. 9 and 10. If resistance is 0-1 ohm, open exists in SRS floor harness. Replace SRS floor harness between connector C851 and SRS unit. If resistance is more than one ohm, go to next step.
5. Disconnect SRS floor sub-harness 3-pin connector C558 from SRS left side harness. See **Fig. 48** . Measure resistance between SRS floor sub-harness 3-pin connector C558, terminals No. 2 and 3. If resistance is 0-1 ohm, open exists in SRS floor sub-harness. Replace SRS floor sub-harness. If resistance is more than one ohm, go to next step.
6. On models equipped with power seat, disconnect left front seat harness 12-pin connector C552 from SRS left side harness. See **Fig. 49** . On models not equipped with power seat,

disconnect seat position sensor sub-harness 2-pin connector C559 from left side harness connector. See **Fig. 50** . On models equipped with power seat, measure resistance between left front seat harness side of connector C552 terminals, No. 5 and 12. On models not equipped with power seat, measure resistance between seat position sensor sub-harness 2-pin connector C559, terminals No. 1 and 2. If resistance is 0-1 ohm, open exists in SRS left side harness. Replace SRS left side harness. If resistance is more than one ohm, open exists in left front seat harness (equipped with power seat), or in seat position sensor sub-harness (not equipped with power seat). Replace appropriate harness.



99H27463

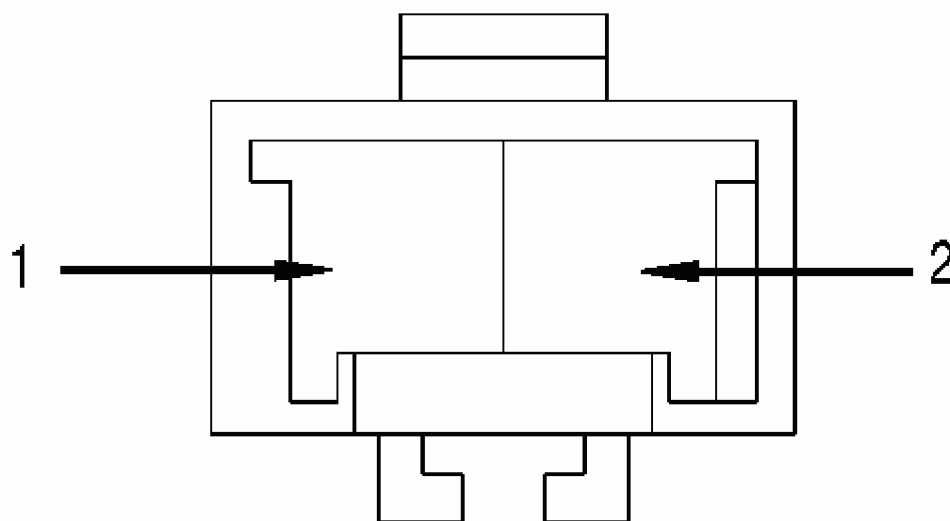
Fig. 48: Identifying SRS Floor Sub-harness 3-pin Connector C558 Terminals
Courtesy of AMERICAN HONDA MOTOR CO., INC.



(VIEW FROM TERMINAL
SIDE OF CONNECTOR)

99H27471

Fig. 49: Identifying Left Front Seat Harness 12-pin Connector C552 Terminals
Courtesy of AMERICAN HONDA MOTOR CO., INC.



(VIEW FROM WIRE
SIDE OF CONNECTOR)

99B27467

Fig. 50: Identifying Seat Position Sensor Sub-harness 2-pin Connector C559 Terminals
Courtesy of AMERICAN HONDA MOTOR CO., INC.

DTC 71-2

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see AIR BAG SAFETY PRECAUTIONS . Erase Diagnostic Trouble Code (DTC) memory. See ERASING DIAGNOSTIC TROUBLE CODE MEMORY . Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time.

Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** .

2. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Disconnect driver-side air bag 4-pin connector from cable reel 4-pin connector. See **Fig. 2** . Disconnect seat position sensor 2-pin harness connector. Reconnect negative battery cable. Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** . Read Diagnostic Trouble Code (DTC). See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under **DIAGNOSTICS**. If DTC 71-2 is indicated, go to next step. If DTC 71-2 is not indicated, correct any poor connections and recheck DTCs. If DTC 71-1 is still indicated, go to next step.
3. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5** . Access and disconnect SRS harness 28-pin connector "B" . See **SRS UNIT** under **REMOVAL & INSTALLATION**. See **Fig. 40** . Measure resistance between ground and SRS harness 28-pin connector "B", terminals No. 16 and 28. If resistance is more than one megohm at both terminals, check for poor connection between SRS unit and SRS unit connector "B" . If connection is okay, replace SRS unit. If resistance is less than one megohm at either terminal, go to next step.
4. Disconnect SRS floor harness 28-pin connector C851. Measure resistance between ground and SRS floor sub-harness side of connector C851, terminals No. 9 and 10. If resistance is more than one megohm at both terminals, a short to ground exists in SRS floor harness. Replace SRS floor harness between connector C851 and SRS unit. If resistance is less than one megohm at either terminal, go to next step.
5. Disconnect SRS floor sub-harness 3-pin connector C558 from SRS left side harness. See **Fig. 48** . Measure resistance between ground and SRS floor sub-harness 3-pin connector C558, terminals No. 2 and 3. If resistance is more than one megohm at both terminals, a short to ground exists in SRS floor sub-harness. Replace SRS floor sub-harness. If resistance is less than one megohm at either terminal, go to next step.
6. On models equipped with power seat, disconnect left front seat harness 12-pin connector C552 from SRS left side harness. See **Fig. 49** . On models not equipped with power seat, disconnect seat position sensor sub-harness 2-pin connector C559 from left side harness connector. See **Fig. 50** . On models equipped with power seat, measure resistance between ground left front seat harness side of connector C552 terminals, No. 5 and 12. On models not equipped with power seat, measure resistance between ground seat position sensor sub-harness 2-pin connector C559, terminals No. 1 and 2. If resistance is more than one megohm at both terminals, a short to ground exists in SRS left side harness. Replace SRS left side harness. If resistance is less than one megohm at either terminal, a short to ground exists in left front seat harness (equipped with power seat), or in seat position sensor sub-harness (not equipped with power seat). Replace appropriate harness.

DTC 81-61, 81-62

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Ensure nothing is on right front seat. Calibrate weight sensor control unit. See **WEIGHT SENSOR CONTROL UNIT OPERATION CHECK** under DIAGNOSTICS. Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** . Read Diagnostic Trouble Code (DTC). See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTCs 81-61 or 81-62 are indicated, go to next step. If DTCs 81-61 or 81-62 are not indicated, check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** .
2. Check connection at weight sensor control unit. Erase Diagnostic Trouble Code (DTC) memory. Read Diagnostic Trouble Code (DTC). If DTCs 81-61 or 81-62 are indicated, go to next step. If DTCs 81-61 or 81-62 are not indicated, correct any poor connections and recheck DTCs. If DTCs 81-61 or 81-62 are still indicated, go to next step.
3. Turn ignition switch to OFF position. Check fuse No. 11 (10 amp), located in driver-side instrument panel fuse box. See **Fig. 39** . If fuse is okay, go to next step. If fuse is blown, replace fuse. Turn ignition switch to ON position. If fuse blows again, check for short to ground in fuse No. 11 circuit in instrument panel harness, or short to ground in SRS right side harness.
4. Disconnect SRS right side harness 6-pin connector from weight sensor control unit. See **Fig. 51** . Turn ignition switch to ON position. Measure voltage between ground and SRS right side harness 6-pin connector terminal No. 3. See **Fig. 52** . If battery voltage is present, go to step 6 . If battery voltage is not present, go to next step.
5. Turn ignition switch to OFF position. Disconnect instrument panel harness 21-pin connector C505 from SRS right side harness. See **Fig. 53** . Turn ignition switch to ON position. Measure voltage between ground and instrument panel harness side of connector C505, terminal No. 4. See **Fig. 54** . If battery voltage is present, open exists in Yellow/Green wire in SRS right side harness. See **WIRING DIAGRAMS** . Replace SRS right side harness. If battery voltage is not present, open exists in Yellow/Green wire in instrument panel harness. Replace instrument panel harness.
6. Turn ignition switch to OFF position. Measure resistance between ground and SRS right side harness 6-pin connector terminal No. 6. If resistance is more than one megohm, go to next step. If resistance is less than one megohm, open exists in Black wire in SRS right side harness. Replace SRS right side harness.

7. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5** . Access and disconnect SRS harness 28-pin connector "B" . See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Measure resistance between ground and SRS harness 28-pin connector "B", terminal No. 27. If resistance is more than one megohm, go to next step. If resistance is less than one megohm, go to step 12 .
8. Measure resistance between SRS harness 28-pin connector "B", terminal No. 27 and SRS right side harness 6-pin connector terminal No. 5. If resistance is 0-1 ohm, faulty weight sensor control unit or SRS unit exists. Replace weight sensor control unit. See **WEIGHT SENSOR CONTROL UNIT** under REMOVAL & INSTALLATION. If problem still exists, replace SRS unit. If resistance is more than one ohm, go to next step.
9. Disconnect instrument panel harness 21-pin connector C505 from SRS right side harness. See **Fig. 53** . Measure resistance between SRS harness 28-pin connector "B", terminal No. 27 and instrument panel harness side of 21-pin connector C505, terminal No. 2. See **Fig. 40 & Fig. 54** . If resistance is 0-1 ohm, open exists in Blue wire in SRS right side harness. Replace SRS right side harness. If resistance is more than one ohm, go to next step.
10. Disconnect SRS main harness 8-pin connector C503 from instrument panel harness connector. See **Fig. 41** . Measure resistance between SRS harness 28-pin connector "B", terminal No. 27 and SRS main harness side of 8-pin connector C503, terminal No. 1. If resistance is 0-1 ohm, open exists in Blue wire in instrument panel harness. Replace instrument panel harness. If resistance is more than one ohm, go to next step.
11. Disconnect SRS floor harness 28-pin connector C851. Measure resistance between SRS harness 28-pin connector "B", terminal No. 27 and SRS floor harness side of connector C851, terminal No. 16. If resistance is 0-1 ohm, replace weight sensor control unit. If resistance is more than one ohm, open exists in Blue wire in SRS floor harness. Replace SRS floor harness.
12. Disconnect instrument panel harness 21-pin connector C505 from SRS right side harness. See **Fig. 53** . Measure resistance between ground and SRS harness 28-pin connector "B", terminal No. 27. If resistance is more than one megohm, a short to ground exists in SRS right side harness. Replace SRS right side harness. If resistance is less than one megohm, go to next step.
13. Disconnect SRS main harness 8-pin connector C503 from instrument panel harness connector. See **Fig. 41** . Measure resistance between ground and SRS harness 28-pin connector "B", terminal No. 27. If resistance is more than one megohm, a short to ground exists in instrument panel harness. Replace instrument panel harness. If resistance is less than one megohm, go to next step.
14. Disconnect SRS floor harness 28-pin connector C851. Measure resistance between ground and SRS harness 28-pin connector "B", terminal No. 27. If resistance is more than one

megohm, a short to ground exists in SRS main harness. Replace SRS main harness. If resistance is less than one megohm, a short to ground exists in SRS floor harness. Replace SRS floor harness.

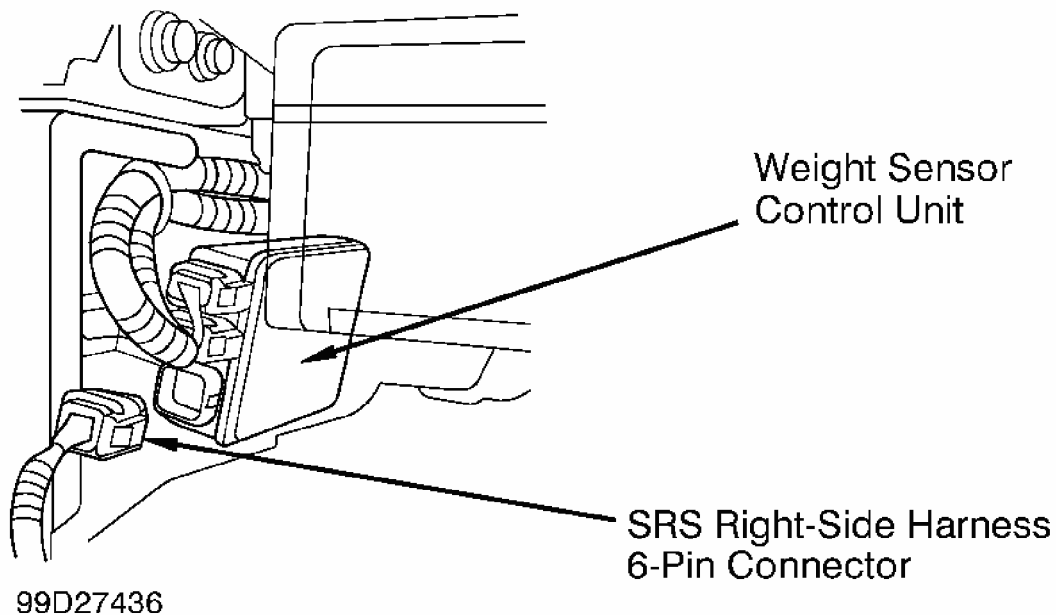
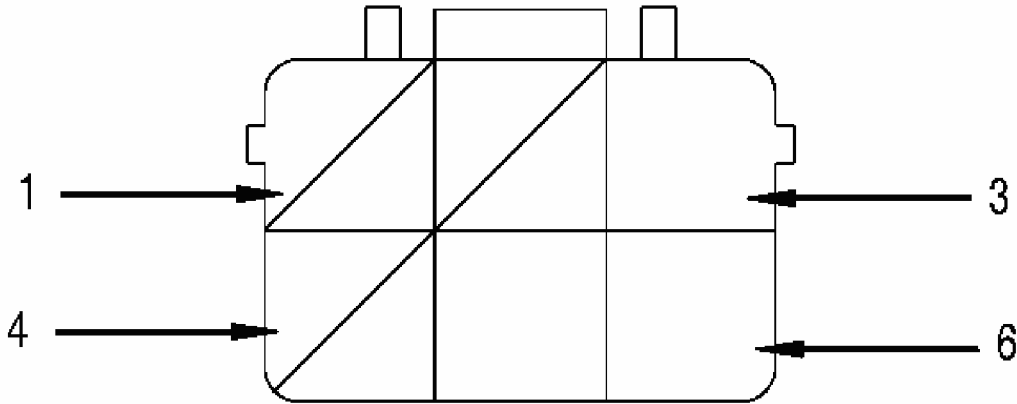
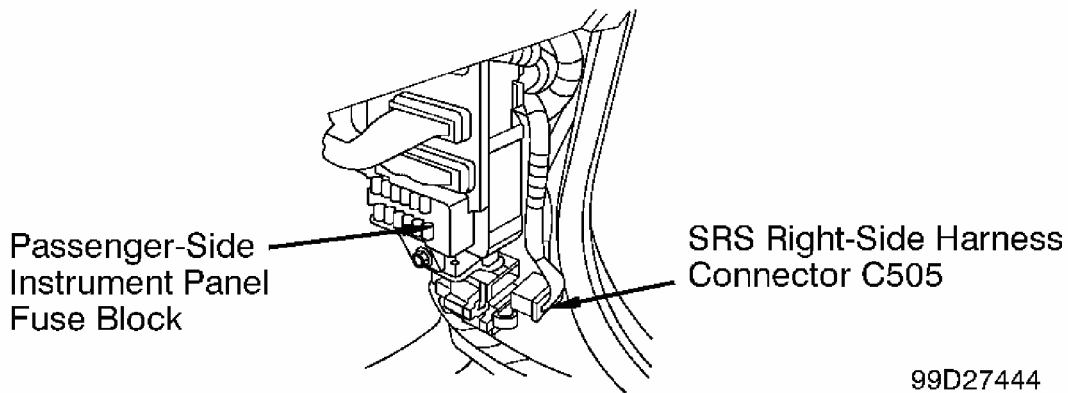


Fig. 51: Locating SRS Right Side Harness 6-pin Connector
Courtesy of AMERICAN HONDA MOTOR CO., INC.



99J27432

Fig. 52: Identifying SRS Right Side Harness 6-pin Connector Terminals
Courtesy of AMERICAN HONDA MOTOR CO., INC.



99D27444

Fig. 53: Locating Instrument Panel Harness 21-pin Connector C505
Courtesy of AMERICAN HONDA MOTOR CO., INC.

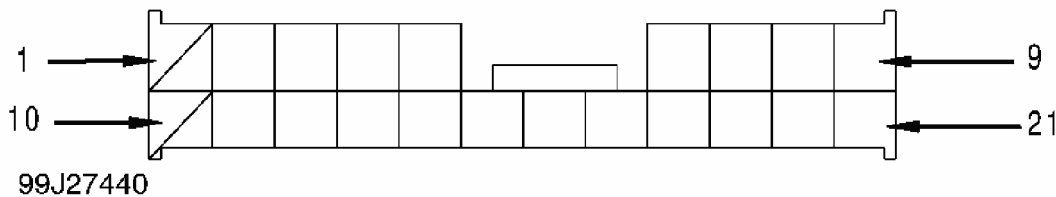


Fig. 54: Identifying Instrument Panel Harness 21-pin Connector C505 Terminals
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

DTC 81-79

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Ensure nothing is on right front seat. Turn ignition switch to ON position. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. If AIR BAG warning light stays on, remove right front seat and weight sensors. See **FRONT SEAT** and **WEIGHT SENSOR** under REMOVAL & INSTALLATION. Repeat troubleshooting. Go to step 1 .

DTC 85-61, 85-62

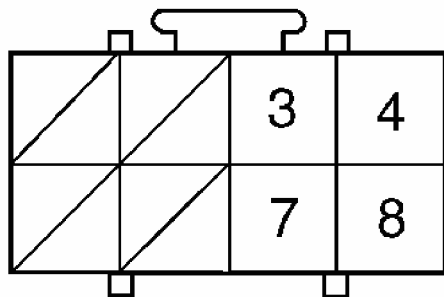
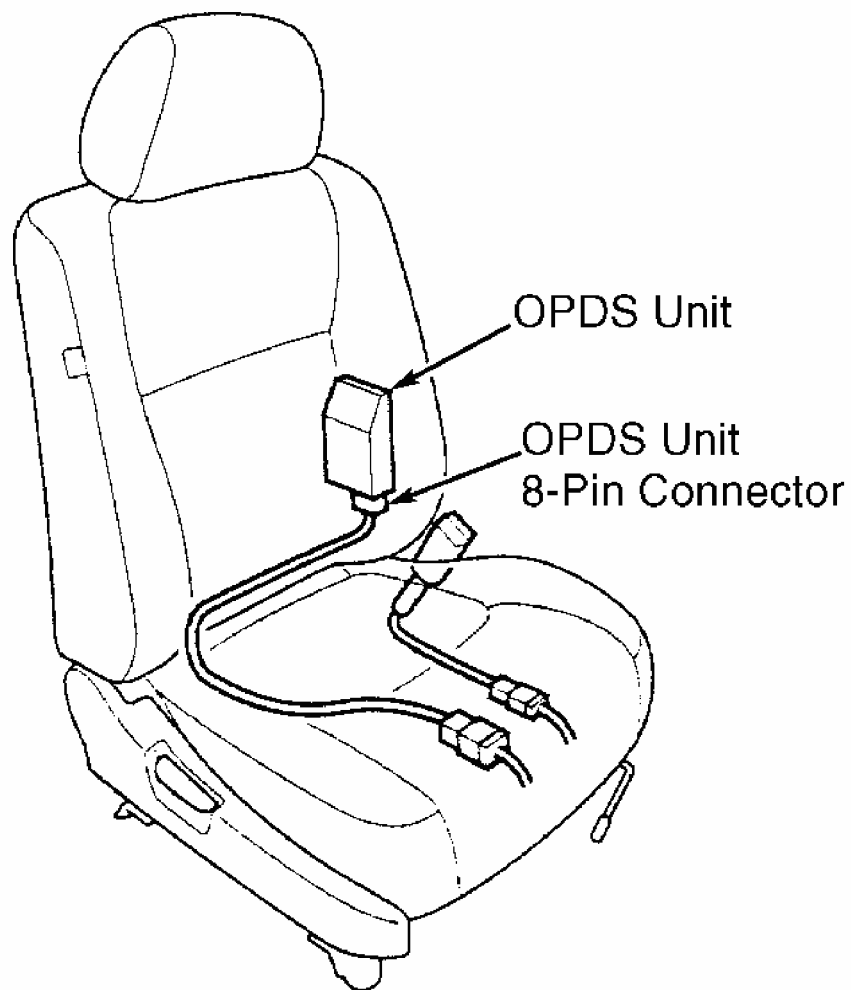
WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Ensure nothing is on right front seat. Initialize Occupant Position Detection System (OPDS) unit. See **INITIALIZING OCCUPANT POSITION DETECTION SYSTEM (OPDS) UNIT**

under **DIAGNOSTICS**. Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under **DIAGNOSTICS**. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under **DIAGNOSTICS**. If DTC 85-61 or 85-62 is indicated, go to next step. If DTC 85-61 or 85-62 is not indicated, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under **DIAGNOSTICS**.

2. Check connection at OPDS unit. Erase Diagnostic Trouble Code (DTC) memory. Read Diagnostic Trouble Code (DTC). If DTCs 85-61 or 85-62 are indicated, go to next step. If DTCs 85-61 or 85-62 are not indicated, correct any poor connections and recheck DTCs. If DTCs 85-61 or 85-62 are still indicated, go to next step.
3. Turn ignition switch to OFF position. Check fuse No. 11 (10 amp), located in driver-side instrument panel fuse box. See **Fig. 39** . If fuse is okay, go to next step. If fuse is blown, replace fuse. Turn ignition switch to ON position. If fuse blows again, check for short to ground in fuse No. 11 circuit in instrument panel harness, a short to ground in SRS right side harness, a short to ground in right front seat harness (if equipped with seat heater or short to ground in OPDS unit harness).
4. Access OPDS unit and disconnect 8-pin harness connector. See **OCCUPANT POSITION DETECTION SYSTEM (OPDS) UNIT** under **REMOVAL & INSTALLATION**. See **Fig. 55** . Turn ignition switch to ON position. Measure voltage between ground and OPDS unit harness 8-pin connector terminal No. 4. If battery voltage is present, go to step 6 . If battery voltage is not present, go to next step.
5. Turn ignition switch to OFF position. Disconnect instrument panel harness 21-pin connector C505 from SRS right side harness. See **Fig. 53** . Turn ignition switch to ON position. Measure voltage between ground and instrument panel harness side of connector C505, terminal No. 4. See **Fig. 54** . If battery voltage is present, open exists in Yellow/Green wire in SRS right side harness, right front seat harness (if equipped with seat heater) or OPDS unit harness. See **WIRING DIAGRAMS** . Replace appropriate harness. If battery voltage is not present, open exists in Yellow/Green wire in instrument panel harness. Replace instrument panel harness.
6. Turn ignition switch to OFF position. Measure resistance between ground and OPDS unit harness 8-pin connector terminal No. 8. If resistance is less than 0-1 ohm, go to next step. If resistance is more than one ohm, open exists in Black wire in SRS right side harness, right front seat harness (if equipped with seat heater) or OPDS unit harness. See **WIRING DIAGRAMS** . Replace appropriate harness.
7. Turn ignition switch to OFF position. Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Disconnect right and left seat belt pretensioner 2-pin connectors. See **Fig. 5** . Access and disconnect SRS harness 28-pin connector "B" . See **SRS UNIT** under **REMOVAL & INSTALLATION**. See **Fig. 40** . Measure resistance between ground and SRS harness 28-pin connector "B",

- terminal No. 27. If resistance is more than one megohm, go to next step. If resistance is less than one megohm, go to step 12 .
8. Measure resistance between SRS harness 28-pin connector "B", terminal No. 27 and OPDS unit harness 8-pin connector terminal No. 7. If resistance is 0-1 ohm, faulty OPDS unit or SRS unit exists. Replace OPDS unit. If problem still exists, replace SRS unit. If resistance is more than one ohm, go to next step.
 9. Disconnect instrument panel harness 21-pin connector C505 from SRS right side harness. See **Fig. 53** . Measure resistance between SRS harness 28-pin connector "B", terminal No. 27 and instrument panel harness side of 21-pin connector C505, terminal No. 2. See **Fig. 40 & Fig. 54** . If resistance is 0-1 ohm, open exists in Blue wire in SRS right side harness, right front seat harness (if equipped with seat heater) or OPDS unit harness. See **WIRING DIAGRAMS** . Replace appropriate harness. If resistance is more than one ohm, go to next step.
 10. Disconnect SRS main harness 8-pin connector C503 from instrument panel harness connector. See **Fig. 41** . Measure resistance between SRS harness 28-pin connector "B", terminal No. 27 and SRS main harness side of 8-pin connector C503, terminal No. 1. If resistance is 0-1 ohm, open exists in Blue wire in instrument panel harness. Replace instrument panel harness. If resistance is more than one ohm, go to next step.
 11. Disconnect SRS floor harness 28-pin connector C851. Measure resistance between SRS harness 28-pin connector "B", terminal No. 27 and SRS floor harness side of connector C851, terminal No. 16. If resistance is 0-1 ohm, replace OPDS unit. If resistance is more than one ohm, open exists in Blue wire in SRS floor harness. Replace SRS floor harness.
 12. Disconnect instrument panel harness 21-pin connector C505 from SRS right side harness. See **Fig. 53** . Measure resistance between ground and SRS harness 28-pin connector "B", terminal No. 27. If resistance is more than one megohm, a short to ground exists in SRS right side harness, right front seat harness (if equipped with seat heater) or OPDS unit harness. Replace appropriate harness. If resistance is less than one megohm, go to next step.
 13. Disconnect SRS main harness 8-pin connector C503 from instrument panel harness connector. See **Fig. 41** . Measure resistance between ground and SRS harness 28-pin connector "B", terminal No. 27. If resistance is more than one megohm, a short to ground exists in instrument panel harness. Replace instrument panel harness. If resistance is less than one megohm, go to next step.
 14. Disconnect SRS floor harness 28-pin connector C851. Measure resistance between ground and SRS harness 28-pin connector "B", terminal No. 27. If resistance is more than one megohm, a short to ground exists in SRS main harness. Replace SRS main harness. If resistance is less than one megohm, a short to ground exists in SRS floor harness. Replace SRS floor harness.



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Fig. 55: Identifying OPDS Unit Connector Terminals
Courtesy of AMERICAN HONDA MOTOR CO., INC.

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Ensure nothing is on right front seat. Turn ignition switch to ON position. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. If AIR BAG warning light stays on, initialize Occupant Position Detection System (OPDS) unit. See **INITIALIZING OCCUPANT POSITION DETECTION SYSTEM (OPDS) UNIT** under DIAGNOSTICS.

DTC 86-1, 86-2

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Access Occupant Position Detection System (OPDS) unit and OPDS sensor and check connectors for proper connection. See **OCCUPANT POSITION DETECTION SYSTEM (OPDS) UNIT** under REMOVAL & INSTALLATION. If connections are okay, go to next step. If connections are not okay, reconnect connectors. Erase Diagnostic Trouble Code (DTC) memory.
3. Replace OPDS sensor. See **OCCUPANT POSITION DETECTION SYSTEM (OPDS) SENSOR** under REMOVAL & INSTALLATION. Erase Diagnostic Trouble Code (DTC) memory. Retrieve DTC. See **RETRIEVING DIAGNOSTIC TROUBLE CODE (DTC)** under DIAGNOSTICS. If DTC 86-1 or 86-2 is indicated, go to next step. If DTC 86-1 or 86-2 is not indicated, system is okay at this time.

4. Replace OPDS unit. Initialize OPDS unit. See **INITIALIZING OCCUPANT POSITION DETECTION SYSTEM (OPDS) UNIT** under DIAGNOSTICS. Erase Diagnostic Trouble Code (DTC) memory. Retrieve DTC. If DTC 86-1 or 86-2 is indicated, replace SRS unit. See **SRS UNIT** under REMOVAL & INSTALLATION. If DTC 86-1 or 86-2 is not indicated, system is okay at this time.

DTC 87-31

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Turn ignition switch to OFF position. Ensure nothing is on right front seat. Check fuse No. 9 in driver-side instrument panel fuse box. See **Fig. 39** . If fuse is okay, go to next step. If fuse is blown, repair short to ground in fuse No. 9 circuit. See **WIRING DIAGRAMS** .
3. Access Occupant Position Detection System (OPDS) unit and disconnect OPDS unit 8-pin connector. See **OCCUPANT POSITION DETECTION SYSTEM (OPDS) UNIT** under REMOVAL & INSTALLATION. Turn ignition switch to ON position. Measure voltage between ground and OPDS harness 8-pin connector terminal No. 3. If battery voltage is present, replace OPDS unit. If battery voltage is not present, go to next step.
4. Turn ignition switch to OFF position. Access instrument cluster harness connectors. See **INSTRUMENT CLUSTER** under REMOVAL & INSTALLATION. DO NOT disconnect instrument cluster harness connectors at this time. Backprobe instrument cluster connector "A", terminal No. 4 with voltmeter probe. See **Fig. 19 & Fig. 38** . Turn ignition switch to ON position. Measure voltage between ground and instrument cluster harness connector "A", terminal No. 4. If battery voltage is present, go to next step. If battery voltage is not present, go to step **6** .
5. Turn ignition switch to OFF position. Disconnect SRS right side harness 4-pin connector from OPDS harness 4-pin connector, located under right front seat. Turn ignition switch to ON position. Measure voltage between ground and right front seat harness 4-pin connector terminal No. 3 (if equipped with seat heater), or between ground and SRS right side harness 4-pin connector terminal No. 3 (if not equipped with seat heater). See **Fig. 56** . If battery voltage is present, check connection between OPDS 4-pin connector and right side

harness 4-pin connector. If connection is okay, open exists in OPDS harness. Replace OPDS harness. If battery voltage is not present, check connection between instrument cluster and instrument cluster harness connector "A". If connection is okay, open exists instrument panel harness, right front seat harness (if equipped with seat heater), or SRS right side harness (if not equipped with seat heater). Replace appropriate wire harness.

6. Turn ignition switch to OFF position. Disconnect instrument cluster harness connector "B". Turn ignition switch to ON position. Measure voltage between ground and instrument cluster harness connector "B", terminal No. 11. If battery voltage is present, replace instrument cluster. If battery voltage is not present, open exists in instrument panel harness. Replace instrument panel harness.

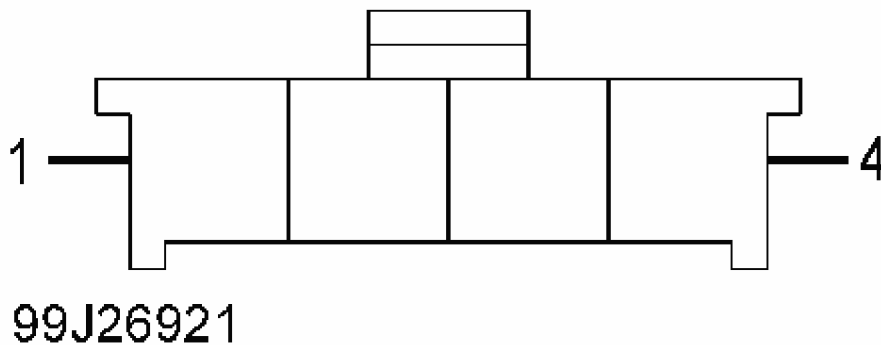


Fig. 56: Identifying SRS Right Side Harness 4-pin Connector & Right Front Seat Harness 4-pin Connector Terminals

Courtesy of AMERICAN HONDA MOTOR CO., INC.

DTC 87-32

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light

stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.

2. Turn ignition switch to OFF position. Ensure nothing is on right front seat. Access Occupant Position Detection System (OPDS) unit and disconnect OPDS unit 8-pin connector. See **OCCUPANT POSITION DETECTION SYSTEM (OPDS) UNIT** under REMOVAL & INSTALLATION. Turn ignition switch to ON position. Measure voltage between ground and OPDS harness 8-pin connector terminal No. 3. If battery voltage is present, replace OPDS unit. If battery voltage is not present, go to next step.
3. Turn ignition switch to OFF position. Access instrument cluster harness connectors. See **INSTRUMENT CLUSTER** under REMOVAL & INSTALLATION. Disconnect instrument cluster harness connector "A". Measure resistance between ground and OPDS harness 8-pin connector terminal No. 3. If resistance is more than one megohm, a short to ground exists in instrument cluster. Replace instrument cluster. If resistance is less than one megohm, a short to ground exists in OPDS harness, right front seat harness (if equipped with seat heater), SRS right side harness (if not equipped with seat heater) or instrument panel harness. Replace appropriate wire harness.

DTC 91-1

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

NOTE: If AIR BAG warning light does not come on, go to TEST 1A AIR BAG WARNING LIGHT DOES NOT COME ON .

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Access and disconnect SRS harness 28-pin connector "A". See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Access instrument cluster harness connectors. See **INSTRUMENT CLUSTER** under REMOVAL & INSTALLATION. Disconnect instrument cluster harness connector "C". Measure resistance between SRS harness 28-pin connector "A", terminal No. 19 and

instrument cluster harness connector "C", terminal No. 9. If resistance is 0-1 ohm, go to step 5 . If resistance is more than one ohm, go to next step.

3. Disconnect SRS main harness 8-pin connector C503 from instrument panel harness connector. See **Fig. 41** . Measure resistance between SRS harness 28-pin connector "A", terminal No. 19 and SRS main harness side of 8-pin connector C503, terminal No. 6. If resistance is 0-1 ohm, open exists in instrument panel harness. Replace instrument panel harness. If resistance is more than one ohm, go to next step.
4. Disconnect SRS main harness 28-pin connector C851. See **Fig. 40** . Measure resistance between SRS harness 28-pin connector "A", terminal No. 19 and SRS floor harness side of connector C851, terminal No. 25. If resistance is 0-1 ohm, replace SRS main harness. If resistance is more than one ohm, replace SRS floor harness.
5. Reconnect instrument cluster harness connector "C". Connect negative battery cable. Connect voltmeter between ground and SRS harness 28-pin connector "A", terminal No. 19. Turn ignition switch to ON position and measure voltage. If voltage is less than 1.6 volts, check for open in AIR BAG warning light circuit and repair as necessary. See **WIRING DIAGRAMS** . If open is not found, replace instrument cluster. If voltage is more than 1.6 volts, replace SRS unit.

DTC 91-2

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Access and disconnect SRS harness 28-pin connector "A". See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Access instrument cluster harness connectors. See **INSTRUMENT CLUSTER** under REMOVAL & INSTALLATION. Disconnect instrument cluster harness connector "C". Measure resistance between ground and SRS harness 28-pin connector "A", terminal No. 19. If resistance is more than one megohm, go to step [5](#) . If resistance is less than one megohm, go to next step.
3. Disconnect SRS main harness 8-pin connector C503 from instrument panel harness

connector. See **Fig. 41** . Measure resistance between ground and SRS harness 28-pin connector "A", terminal No. 19. If resistance is more than one megohm, open exists in instrument panel harness. Replace instrument panel harness. If resistance is less than one megohm, go to next step.

4. Disconnect SRS main harness 28-pin connector C851. Measure resistance between ground and SRS harness 28-pin connector "A", terminal No. 19. If resistance is more than one megohm, replace SRS main harness. If resistance is less than one megohm, replace SRS floor harness.
5. Reconnect instrument cluster harness connector "C". Connect negative battery cable. Connect voltmeter between ground and SRS harness 28-pin connector "A", terminal No. 19. Turn ignition switch to ON position and measure voltage. If voltage is less than 1.6 volts, check for short to ground in AIR BAG warning light circuit and repair as necessary. See **WIRING DIAGRAMS** . If short to ground is not found, replace instrument cluster. If voltage is more than 1.6 volts, replace SRS unit.

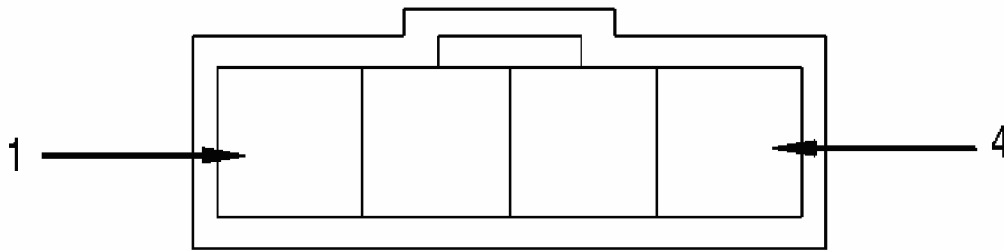
DTC 92-1

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.
2. Check connection at passenger-side air bag cut-off indicator. See **PASSENGER-SIDE AIR BAG CUT-OFF INDICATOR** under REMOVAL & INSTALLATION. Erase Diagnostic Trouble Code (DTC) memory. Read Diagnostic Trouble Code (DTC). If DTCs 91-2 is indicated, go to next step. If DTC 91-2 is not indicated, correct any poor connections and recheck DTCs. If DTC 91-2 is still indicated, go to next step.
3. Turn ignition switch to OFF position. Check fuse No. 11 (10 amp), located in driver-side instrument panel fuse box. See **Fig. 39** . If fuse is okay, go to next step. If fuse is blown, replace fuse. Turn ignition switch to ON position. If fuse blows again, check for short to ground in fuse No. 11 circuit in instrument panel harness.
4. Turn ignition switch to OFF position. Disconnect instrument panel harness 4-pin connector from passenger-side air bag cut-off indicator. Turn ignition switch to ON position. Measure resistance between ground and instrument panel harness 4-pin

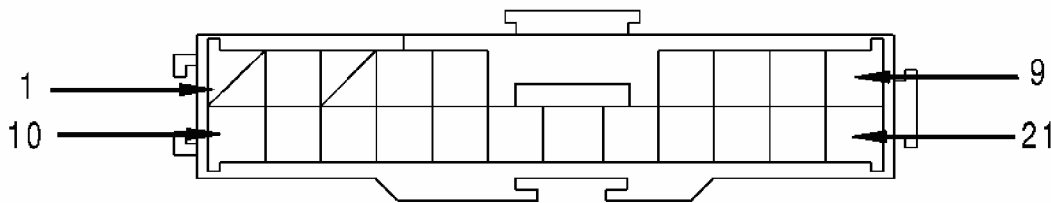
connector terminal No. 1. See **Fig. 57** . If battery voltage is present, go to next step. If battery voltage is not present, open exists in instrument panel harness. Replace instrument panel harness.

5. Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Access and disconnect SRS harness 28-pin connector "A". See **SRS UNIT** under **REMOVAL & INSTALLATION**. See **Fig. 40** . Reconnect instrument panel harness 4-pin connector to passenger-side air bag cut-off indicator. Connect jumper wire between ground and SRS harness 28-pin connector "A", terminal No. 20. Turn ignition switch to ON position. If passenger-side air bag cut-off indicator illuminates, replace SRS unit. If passenger-side air bag cut-off indicator does not illuminate, go to next step.
6. Turn ignition switch to OFF position. Disconnect jumper wire. Disconnect instrument panel harness 4-pin connector from passenger-side air bag cut-off indicator. Measure resistance between instrument panel harness 4-pin connector terminal No. 4 and SRS harness 28-pin connector "A", terminal No. 20. If resistance is 0-1 ohm, replace passenger-side air bag cut-off indicator. If resistance is more than one ohm, go to next step.
7. Disconnect SRS floor harness 28-pin connector C852. Measure resistance between SRS floor sub-harness side of connector C852, terminal No. 6. If resistance is 0-1 ohm, open exists in SRS floor harness. Replace SRS floor harness between connector C852 and SRS unit. If resistance is more than one ohm, go to next step.
8. Disconnect SRS floor sub-harness 3-pin connector C558 from SRS left side harness. See **Fig. 48** . Measure resistance between instrument panel harness 4-pin connector terminal No. 4 and SRS left side harness 3-pin connector C558, terminal No. 1. If resistance is 0-1 ohm, open exists in SRS floor harness. Replace SRS floor harness between connector C558 and SRS unit. If resistance is more than one ohm, go to next step.
9. Disconnect instrument panel harness 21-pin connector C501 from SRS left side harness, located behind left kick panel. Measure resistance between instrument panel harness 4-pin connector terminal No. 4 and SRS left side harness 21-pin connector C501, terminal No. 4. See **Fig. 57 & Fig. 58** . If resistance is 0-1 ohm, open exists in SRS left side harness. Replace SRS left side harness. If resistance is more than one ohm, open exists in instrument panel harness. Replace instrument panel harness.



99A27425

Fig. 57: Identifying Instrument Panel Harness 4-pin Connector Terminals
 Courtesy of AMERICAN HONDA MOTOR CO., INC.



TERMINAL SIDE OF CONNECTOR

99H27430

Fig. 58: Identifying Instrument Panel Harness 21-pin Connector C501 Terminals.
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

DTC 92-2

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Erase Diagnostic Trouble Code (DTC) memory. See **ERASING DIAGNOSTIC TROUBLE CODE MEMORY** under DIAGNOSTICS. Turn ignition switch to ON position. If AIR BAG warning light

stays on, go to next step. If AIR BAG warning light goes off after about 6 seconds, system is okay at this time. Check for intermittent malfunction. See **TROUBLESHOOTING INTERMITTENT FAILURES** under DIAGNOSTICS.

2. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Disconnect instrument panel harness 4-pin connector from passenger-side air bag cut-off indicator. Access and disconnect SRS harness 28-pin connector "A". See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Measure resistance between ground and SRS harness 28-pin connector "A", terminal No. 20. If resistance is more than one megohm, replace SRS unit. If resistance is less than one megohm, go to next step.
3. Disconnect instrument panel harness 21-pin connector C501 from SRS left side harness, located behind left kick panel. Measure resistance between ground and SRS harness 28-pin connector "A", terminal No. 20. If resistance is more than one megohm, a short to ground exists in instrument panel harness. Replace instrument panel harness. If resistance is less than one megohm, go to next step.
4. Disconnect SRS floor sub-harness 3-pin connector C558 from SRS left side harness. See **Fig. 48** . Measure resistance between ground and SRS harness 28-pin connector "A", terminal No. 20. If resistance is more than one megohm, a short to ground exists in SRS floor sub-harness. Replace SRS floor sub-harness. If resistance is less than one megohm, go to next step.
5. Disconnect SRS floor harness 28-pin connector C852. Measure resistance between ground and SRS harness 28-pin connector "A", terminal No. 20. If resistance is more than one megohm, a short to ground exists in SRS floor sub-harness. Replace SRS floor sub-harness. If resistance is less than one megohm, a short to ground exists in SRS floor harness. Replace SRS floor harness.

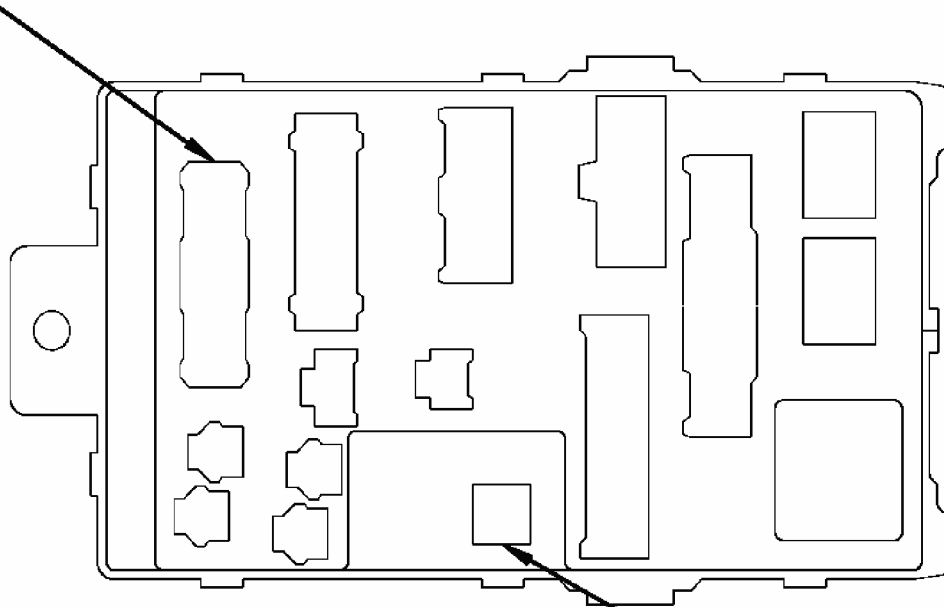
DTC A1-1

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Check fuse No. 1 in driver-side instrument panel fuse box. See **Fig. 39** . If fuse is okay, go to next step. If fuse is blown, repair short to ground in fuse No. 1 circuit. See **WIRING DIAGRAMS** .
2. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Access and disconnect SRS harness 28-pin connector "A". See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Reconnect negative battery cable. Connect voltmeter between ground and SRS harness 28-

- pin connector "A", terminal No. 17. Turn ignition switch to ON position and measure voltage. If battery voltage is present, check connection between SRS harness 28-pin connector "A" and SRS unit. If connection is okay, replace SRS unit. If battery voltage is not present, go to next step.
3. Turn ignition switch to OFF position. Disconnect SRS main harness 2-pin connector, located on back side of driver-side instrument panel fuse box. See **Fig. 59** . Measure resistance between SRS main harness 2-pin connector terminal No. 1 and SRS harness 28-pin connector "A", terminal No. 17. See **Fig. 40** & **Fig. 60** . If resistance is 0-1 ohm, check connections between SRS main harness 2-pin connector and driver-side instrument panel fuse box. If connection is okay, replace driver-side instrument panel fuse box. If resistance is more than one ohm, go to next step.
 4. Disconnect SRS main harness 28-pin connector C851. Measure resistance between SRS main harness 2-pin connector terminal No. 1 and SRS main harness side of connector C851, terminal No. 17. If resistance is 0-1 ohm, replace SRS floor harness. If resistance is more than one ohm, replace SRS main harness.

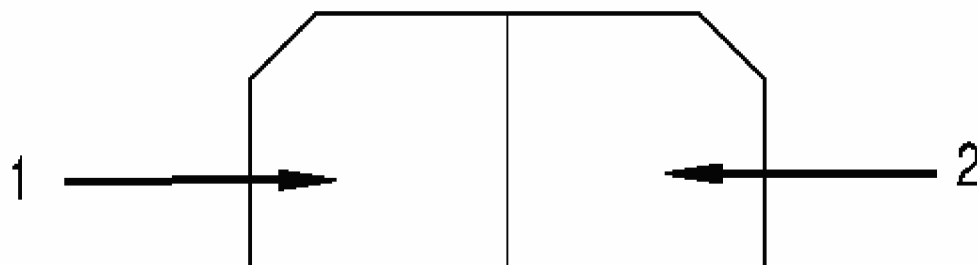
SRS Main Harness
18-Pin Connector



SRS Main Harness
2-Pin Connector

99B26923

Fig. 59: Locating SRS Main Harness 2-pin Or 18-pin Connector In Instrument Panel

Fuse/relay Box**Courtesy of AMERICAN HONDA MOTOR CO., INC.****WIRE SIDE OF
CONNECTOR****99E27429****Fig. 60: Identifying SRS Main Harness 2-pin Connector Terminals****Courtesy of AMERICAN HONDA MOTOR CO., INC.**

DTC A2-1

WARNING: Bumping SRS unit can cause air bags to accidentally deploy. Personal injury may result. Whenever ignition is on, or has been turned off for less than 3 minutes, be careful not to bump SRS unit.

1. Check fuse No. 2 in driver-side instrument panel fuse box. See **Fig. 39** . If fuse is okay, go to step 4 . If fuse is blown, go to next step.
2. Replace fuse No. 2. Turn ignition switch to ON position and wait at least 30 seconds. Check fuse No. 2. If fuse No. 2 is okay, system is okay at this time. If fuse No. 2 is blown, go to next step.
3. Replace fuse No. 2. Disable air bag system. See **DISABLING SYSTEM** under **DISABLING & ACTIVATING AIR BAG SYSTEM**. Access and disconnect SRS harness

28-pin connector "A". See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Reconnect negative battery cable. Turn ignition switch to ON position and wait at least 30 seconds. Check fuse No. 2. If fuse No. 2 is okay, replace SRS unit. If fuse No. 2 is blown, a short to ground exists in fuse No. 2 circuit, SRS main harness or SRS floor harness or drive-side instrument panel fuse box. Replace appropriate harness or component.

4. Disable air bag system. See **DISABLING SYSTEM** under DISABLING & ACTIVATING AIR BAG SYSTEM. Access and disconnect SRS harness 28-pin connector "A". See **SRS UNIT** under REMOVAL & INSTALLATION. See **Fig. 40** . Reconnect negative battery cable. Connect voltmeter between ground and SRS harness 28-pin connector "A", terminal No. 18. Turn ignition switch to ON position and measure voltage. If battery voltage is present, check connection between SRS harness 28-pin connector "A" and SRS unit. If connection is okay, replace SRS unit. If battery voltage is not present, go to next step.
5. Turn ignition switch to OFF position. Disconnect SRS main harness 2-pin connector, located on back side of driver-side instrument panel fuse box. See **Fig. 59** . Measure resistance between SRS main harness 2-pin connector terminal No. 2 and SRS harness 28-pin connector "A", terminal No. 18. See **Fig. 40** & **Fig. 60** . If resistance is 0-1 ohm, check connections between SRS main harness 2-pin connector and driver-side instrument panel fuse box. If connection is okay, replace driver-side instrument panel fuse box. If resistance is more than one ohm, go to next step.
6. Disconnect SRS main harness 28-pin connector C851. Measure resistance between SRS main harness 2-pin connector terminal No. 2 and SRS main harness side of connector C851, terminal No. 18. If resistance is 0-1 ohm, replace SRS floor harness. If resistance is more than one ohm, replace SRS main harness.

COMPONENT TESTING

PASSENGER-SIDE AIR BAG CUT-OFF INDICATOR BULB TEST

1. Before proceeding, see **AIR BAG SAFETY PRECAUTIONS** . Remove passenger-side air bag cut-off indicator. See **PASSENGER-SIDE AIR BAG CUT-OFF INDICATOR** under REMOVAL & INSTALLATION.
2. Measure continuity between component side of passenger-side air bag cut-off indicator connector terminals No. 2 and 3. See **Fig. 57** . If continuity is not present, replace passenger-side air bag cut-off indicator bulb. If continuity is present, passenger-side air bag cut-off indicator bulb is good. Test is complete.

WIRING DIAGRAMS

2004 Honda Odyssey LX

2004 ACCESSORIES/SAFETY EQUIPMENT Honda - Air Bag Restraint Systems

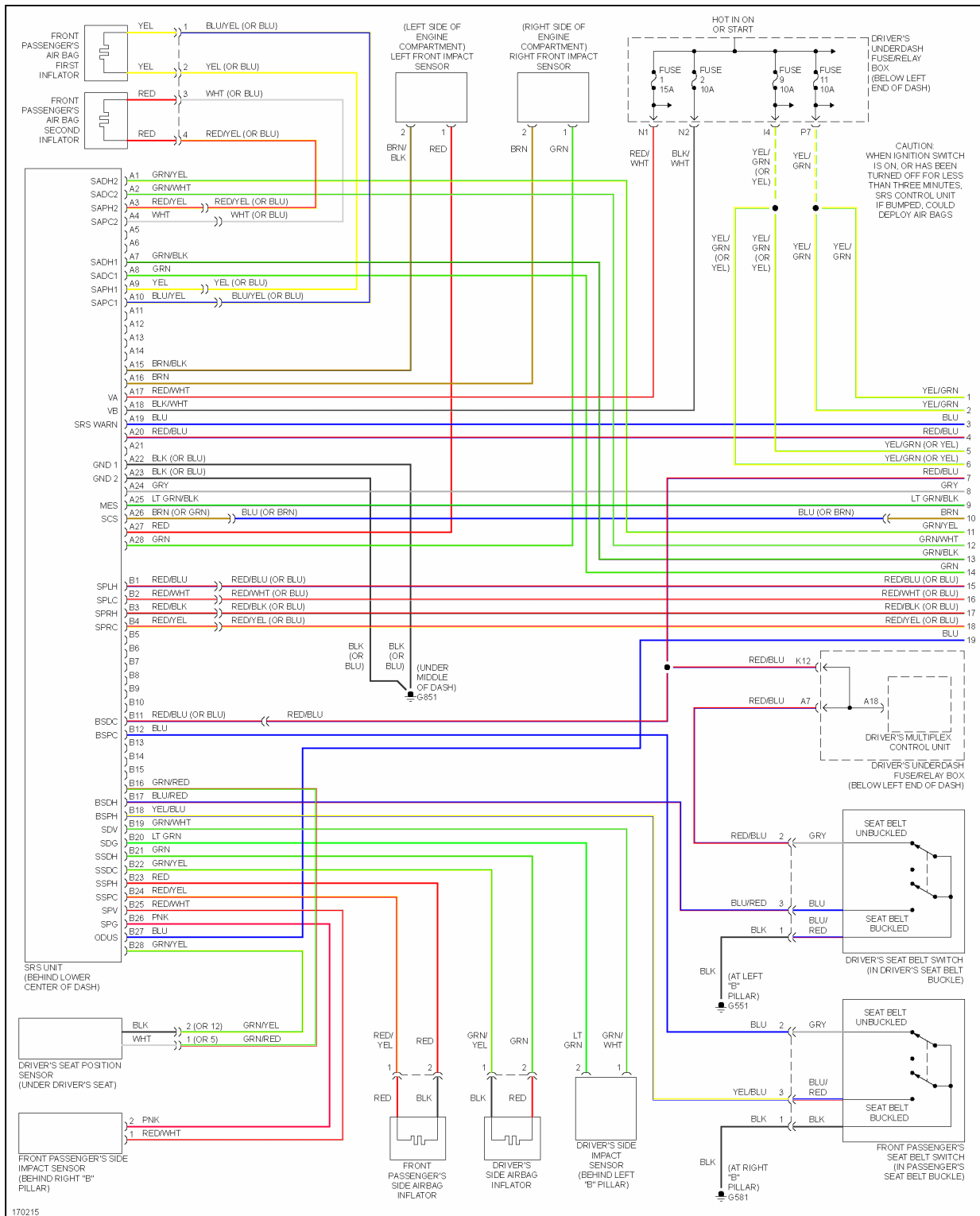


Fig. 61: Air Bag System Wiring Diagram (Odyssey-1 Of 3)

2004 Honda Odyssey LX

2004 ACCESSORIES/SAFETY EQUIPMENT Honda - Air Bag Restraint Systems

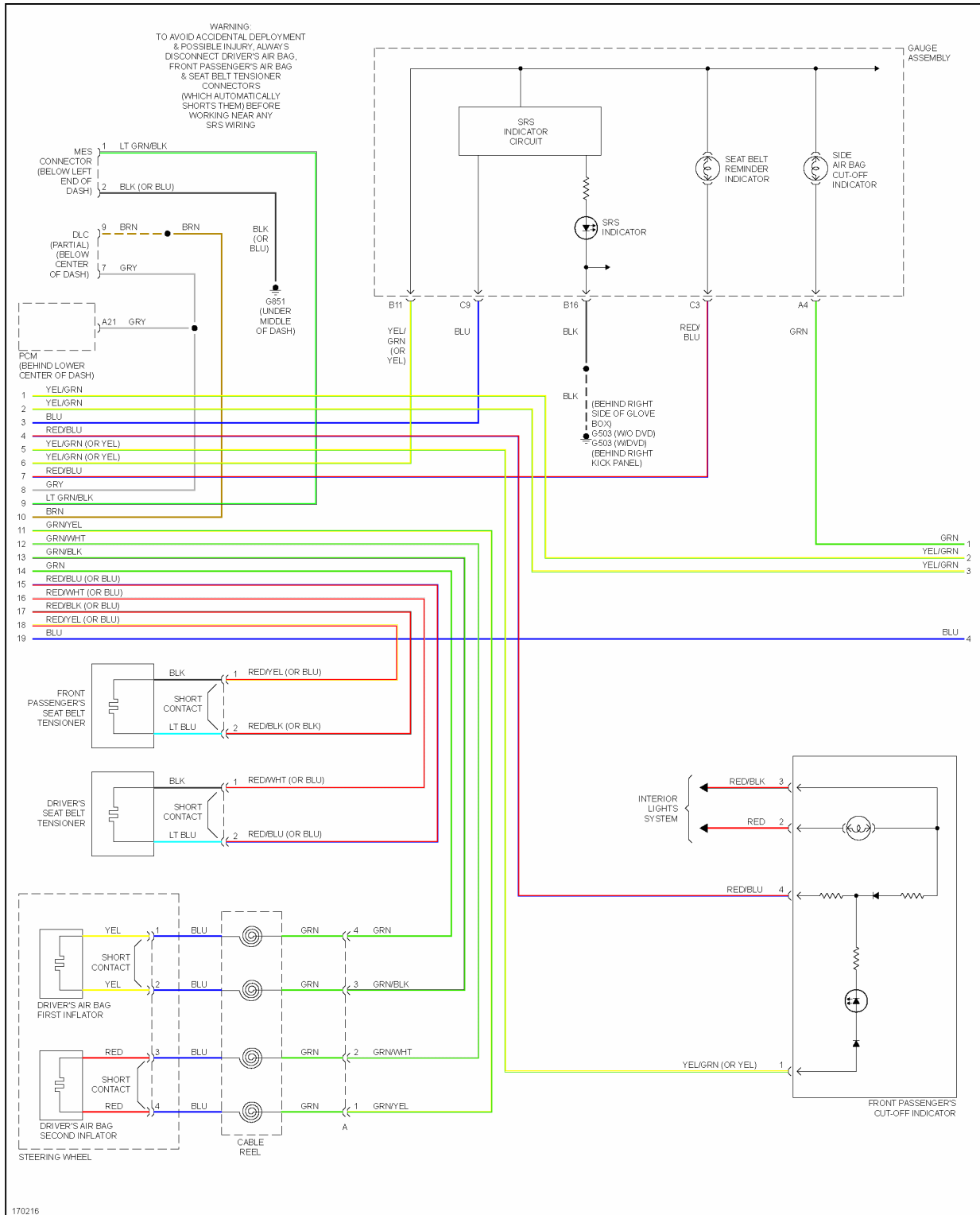


Fig. 62: Air Bag System Wiring Diagram (Odyssey-2 Of 3)

2004 Honda Odyssey LX

2004 ACCESSORIES/SAFETY EQUIPMENT Honda - Air Bag Restraint Systems

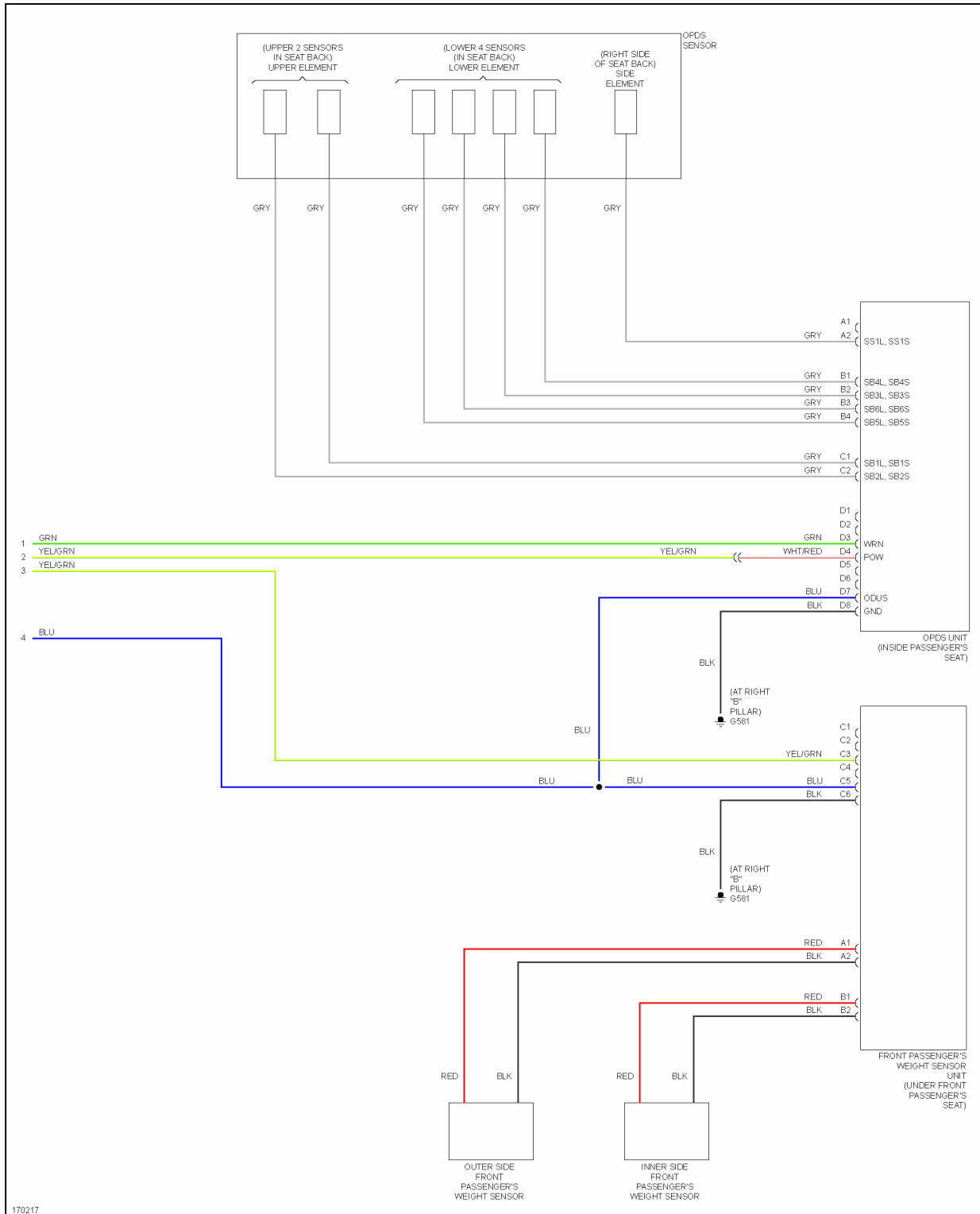


Fig. 63: Air Bag System Wiring Diagram (Odyssey-3 Of 3)