

2007-08 RESTRAINTS

SRS (Supplemental Restraint System) - TL

COMPONENT LOCATION INDEX

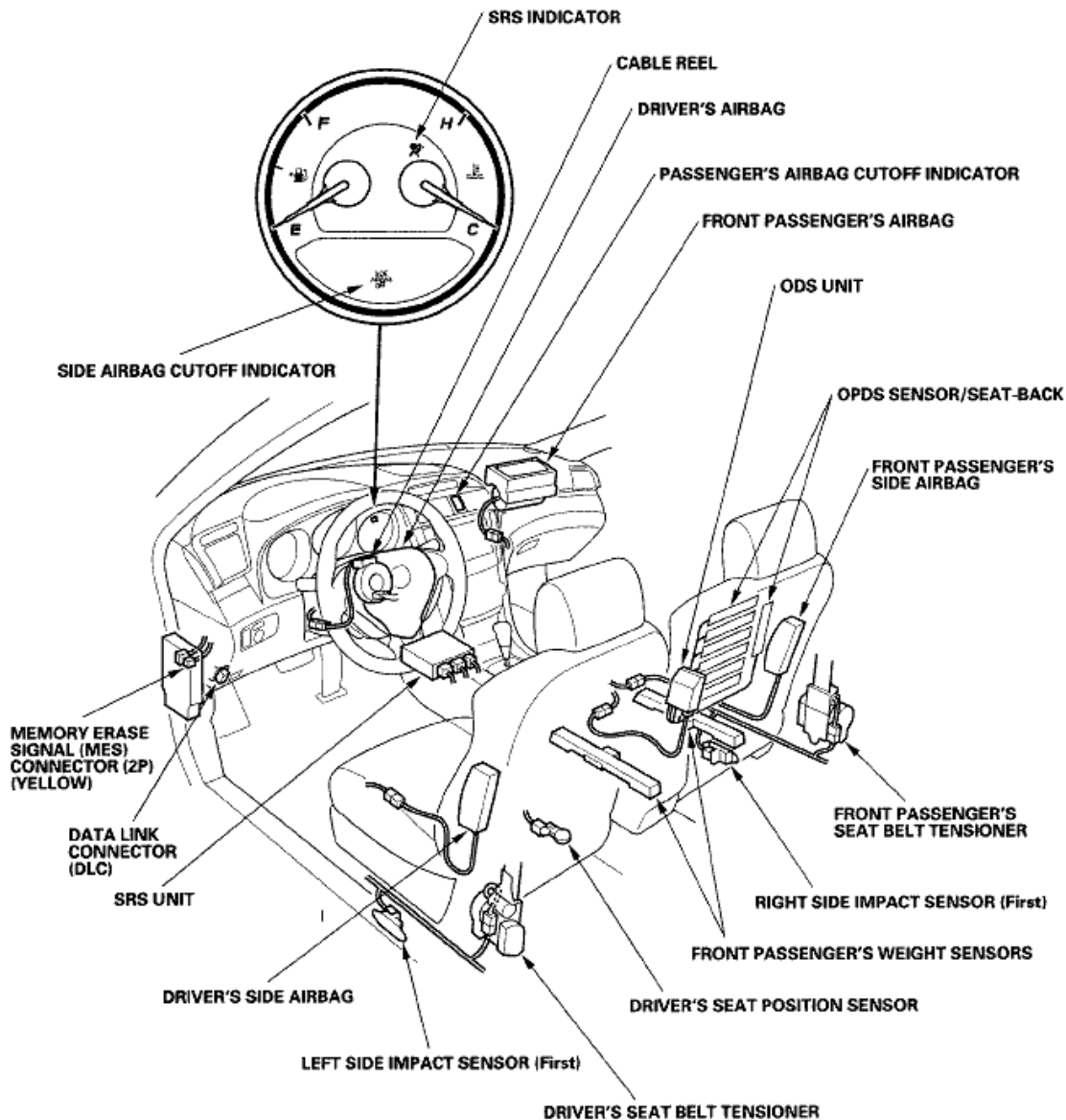


Fig. 1: Identifying SRS Components Location (1 Of 2)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

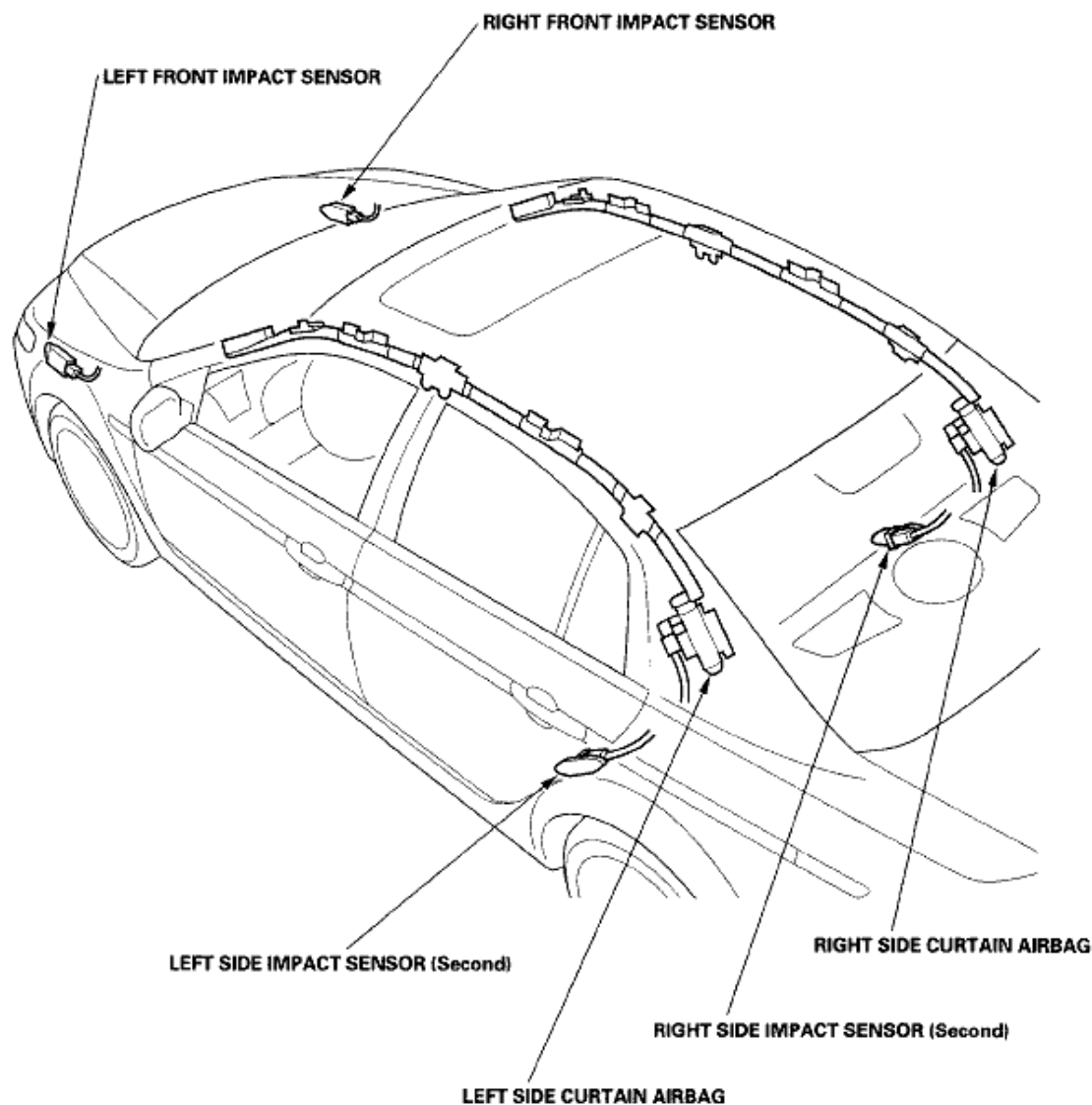


Fig. 2: Identifying SRS Components Location (2 Of 2)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

PRECAUTIONS AND PROCEDURES

GENERAL PRECAUTIONS

Please read the following precautions carefully before servicing the airbag system. If the instructions described in this manual are not properly followed, the airbags could accidentally deploy and cause damage or injuries.

- Except when performing electrical inspections, always turn the ignition switch OFF, ground the SCS line with the HDS to take the ECM/PCM out of active status, disconnect the negative cable from the battery, then wait for 3 minutes before starting work.

NOTE: The SRS memory is not cleared even if the ignition switch is turned OFF or the battery cables are disconnected from the battery.

- Use replacement parts which are manufactured to the same standards and quality as the original parts. Do not install used SRS parts. Use only new parts when making SRS repairs.
- Carefully inspect any SRS part before you install it. Do not install any part that shows signs of being dropped or improperly handled, such as dents, cracks or deformation.

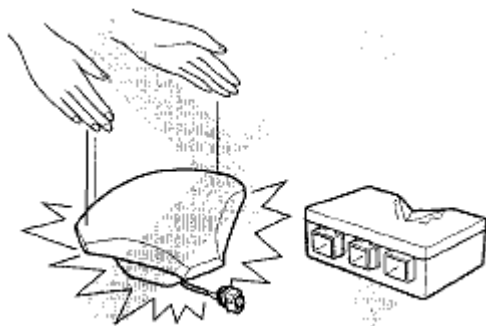


Fig. 3: Precautions For SRS Parts

Courtesy of AMERICAN HONDA MOTOR CO., INC.

- Before removing any of the SRS parts (including the disconnection of the connectors), always disconnect the SRS connector.
- Use only a digital multimeter to check the system. If it is not a Honda multimeter, make sure its output is 10 mA (0.01 A) or less when switched to the lowest value in the ohmmeter range. A tester with a higher output could cause accidental deployment and possible injury.
- Do not put objects on the front passenger's airbag.
- The original audio system has a coded theft protection circuit. Make sure you have the anti-theft codes for the audio system and navigation system (if equipped), then write down the audio presets before disconnecting the negative cable from the battery.
- Before returning the vehicle to the client, enter the anti-theft codes for the audio system and navigation system (if equipped). Set the clock (on vehicles without navigation).

STEERING-RELATED PRECAUTIONS

Cable Reel Alignment

- Misalignment of the cable reel could cause an open in the wiring, making the SRS system, remote steering wheel controls, and the horn inoperative. Center the cable reel whenever the following is performed (see step 6 on **INSTALLATION**).
 - Installation of the steering wheel
 - Installation of the cable reel
 - Installation of the steering column
 - Other steering-related adjustment or installation
- Do not disassemble the cable reel.
- Do not apply grease to the cable reel.
- If the cable reel shows any signs of damage, replace it with a new one. For example, if it does not rotate smoothly, replace the cable reel.

AIRBAG HANDLING AND STORAGE

Do not disassemble an airbag. It has no serviceable parts. Once an airbag has been deployed, it cannot be repaired or reused.

For temporary storage of an airbag during service, observe the following precautions.

- Store the removed airbag with the pad surface up. Never put anything on the airbag.

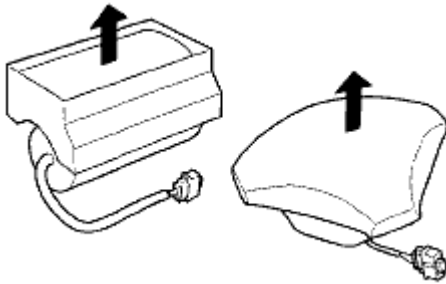


Fig. 4: Precautions For Airbag Handling And Storage
Courtesy of AMERICAN HONDA MOTOR CO., INC.

- To prevent damage to the airbag, keep it away from any oil, grease, detergent, or water.

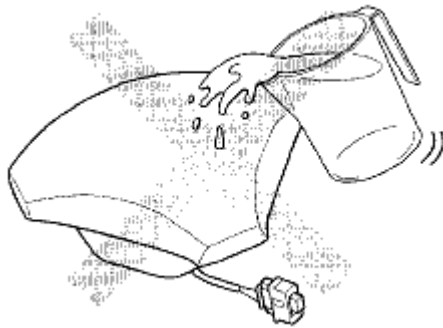


Fig. 5: Precautions For Airbag
Courtesy of AMERICAN HONDA MOTOR CO., INC.

- Store the removed airbag on a secure, flat surface away from any high heat source (exceeding 200 °F/ 93 °C).

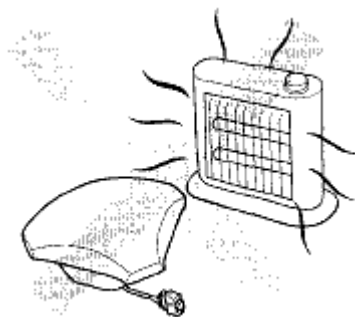


Fig. 6: Precautions For Airbag
Courtesy of AMERICAN HONDA MOTOR CO., INC.

- Never perform electrical inspections to the airbags, such as measuring resistance.

- Do not position yourself in front of the airbag during removal, inspection, or replacement.

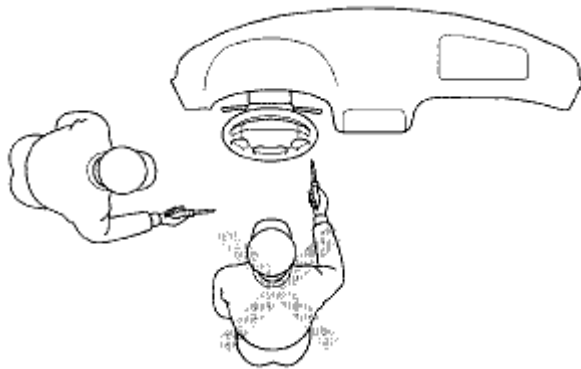


Fig. 7: Precautions For Airbag Removal

Courtesy of AMERICAN HONDA MOTOR CO., INC.

- For proper disposal of a damaged airbag, refer to **AIRBAG DISPOSAL**.
- The side curtain airbag inflator assembly is a long, jointed part containing an inflator (A), a flexible bag (B), and brackets (C).

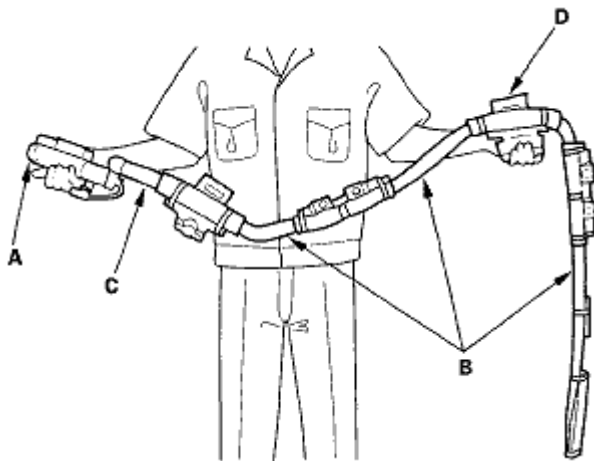


Fig. 8: Identifying Inflator, Flexible Bag And Brackets

Courtesy of AMERICAN HONDA MOTOR CO., INC.

- When removing or installing the side curtain airbag inflator assembly, never handle the flexible bag (B).

SRS UNIT, FRONT AND SIDE IMPACT SENSORS, DRIVER'S SEAT POSITION SENSOR, AND FRONT PASSENGER'S WEIGHT SENSORS

- Turn the ignition switch OFF, disconnect the negative cable from the battery, then wait for 3 minutes before starting installation or replacement of the SRS unit, or disconnecting the connectors from the SRS unit.
- Be careful not to bump or impact the SRS unit, front impact sensors, or side impact sensors whenever the ignition switch is ON (II), or for at least 3 minutes after the ignition switch is turned OFF.
- During installation or replacement, be careful not to bump (by impact wrench, hammer, etc.) the area around the SRS unit, front impact sensors, or the side impact sensors. The airbags could accidentally

deploy and cause damage or injury.

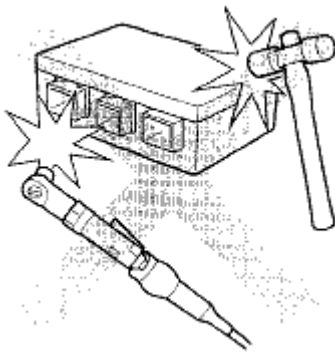


Fig. 9: Precautions For SRS Unit
Courtesy of AMERICAN HONDA MOTOR CO., INC.

- After a collision where a front airbag, a side airbag, a side curtain airbag, or a seat belt tensioner deployed, go to **COMPONENT REPLACEMENT/INSPECTION AFTER DEPLOYMENT**. After a collision where the airbags or the side airbags did not deploy, inspect for any damage or any deformation on the SRS unit, front impact sensors, and side impact sensors. If there is any damage, replace the SRS unit and/or the sensors.

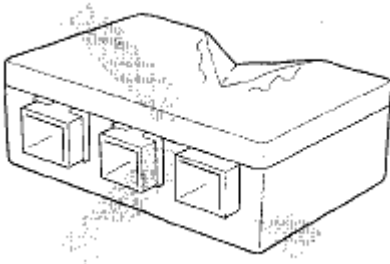


Fig. 10: Precautions For SRS Unit And Sensors
Courtesy of AMERICAN HONDA MOTOR CO., INC.

- Do not disassemble the SRS unit, front impact sensors, side impact sensors, driver's seat position sensor, or front passenger's weight sensors.
- Be sure the SRS unit, front impact sensors, and side impact sensors are installed securely with the mounting bolts torqued to 9.8 N.m (1.0 kgf.m, 7.2 lbf.ft)
- Do not spill water or oil on the SRS unit or the side impact sensors, and keep them away from dust.
- Store the SRS unit, front impact sensors, and side impact sensors in a cool (less than 104°F/40°C) and dry (less than 80 % relative humidity, no moisture) area.

WIRING PRECAUTIONS

Some of the SRS wiring can be identified by special yellow outer covering, and the SRS connectors can be identified by their yellow color. Observe the instructions.

- Never attempt to modify, splice, or repair SRS wiring. If there is an open or damage in SRS wiring, replace the harness.

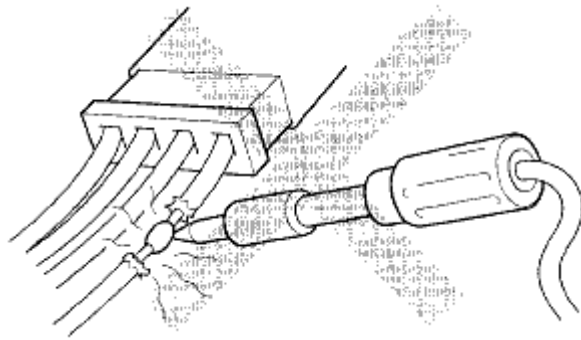


Fig. 11: Precautions For SRS Wiring

Courtesy of AMERICAN HONDA MOTOR CO., INC.

- Be sure to install the harness wires so they do not get pinched or interfere with other parts.

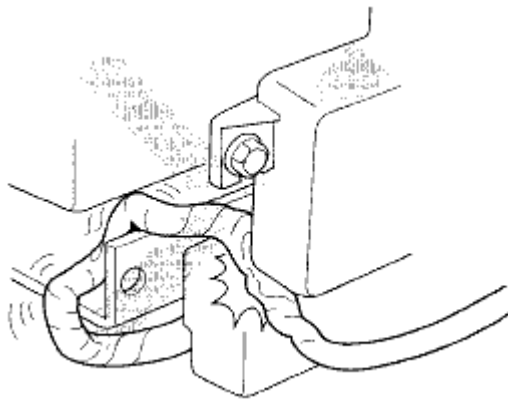


Fig. 12: Precautions For Pinched Or Interfere With Parts

Courtesy of AMERICAN HONDA MOTOR CO., INC.

- Make sure all SRS ground locations are clean, and grounds are securely fastened for optimum metal-to-metal contact. Poor grounds can cause intermittent problems that are difficult to diagnose.
- Do not use any silicone based cleaners or lubricants on any SRS connectors or terminals.

PRECAUTIONS FOR ELECTRICAL INSPECTIONS

- When using electrical test equipment, insert the probe of the tester into the wire side of the connector. Do not insert the probe of the tester into the terminal side of the connector, and do not tamper with the connector.

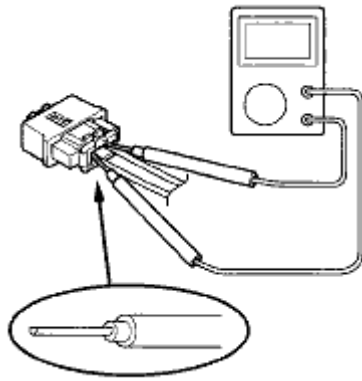


Fig. 13: Identifying Precautions For Electrical Inspections
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

- Use a U-shaped probe. Do not insert the probe forcibly.

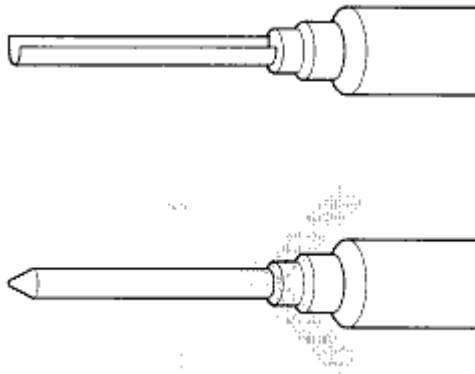


Fig. 14: Precautions For U-Shaped Probe
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

- Use specified service connectors in troubleshooting. Using improper tools could cause an error in inspection due to poor metal-to-metal contact.

SPRING-LOADED LOCK CONNECTOR

Some SRS system connectors have a spring-loaded lock.

Front Airbag Connectors

Disconnecting

To release the lock, pull the spring-loaded sleeve (A) toward the stop (B) while holding the opposite half of the connector. Then pull the connector halves apart. Be sure to pull on the sleeve and not on the connector.

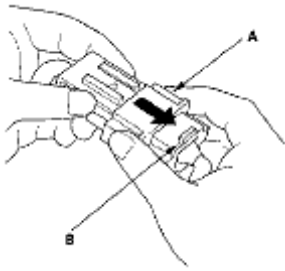


Fig. 15: Pulling Spring-Loaded Sleeve Toward Stop
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Connecting

1. To reconnect, hold the pawl-side connector, and press on the back of the sleeve-side connector in the direction shown. As the two connector halves are pressed together, the sleeve (A) is pushed back by the pawl (B). Do not touch the sleeve.

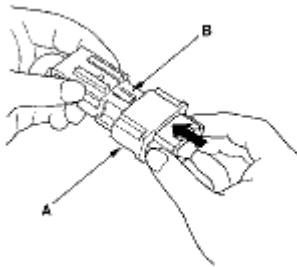


Fig. 16: Pushing Sleeve With Pawl
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. When the connector halves are completely connected, the pawl is released, and the spring-loaded sleeve locks the connector.

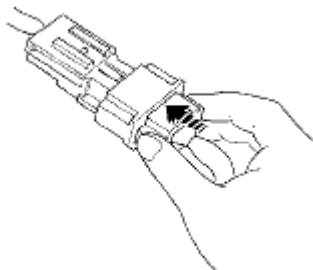


Fig. 17: Connecting Spring-Loaded Sleeve Locks Connector
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Side Airbag Connector

Disconnecting

To release the lock, pull the spring-loaded sleeve (A) and the slider (B) while holding the opposite half of the connector. Then pull the connector halves apart. Be sure to pull on the sleeve and not on the connector half.

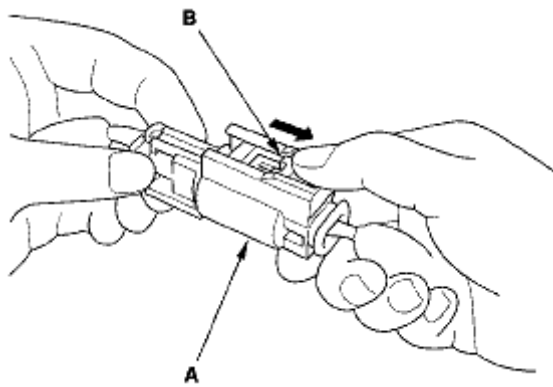


Fig. 18: Pulling Spring-Loaded Sleeve And Slider
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Connecting

Hold both connector halves, and press them firmly together until the projection (A) of the sleeve-side connector clicks.

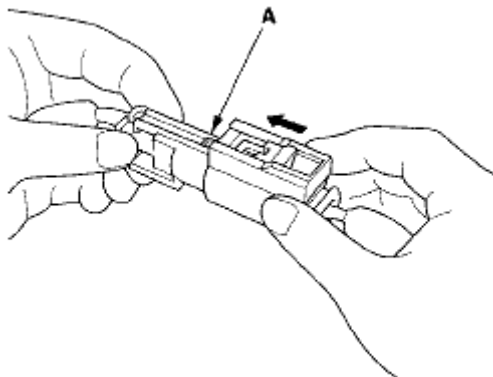


Fig. 19: Identifying Projection Of Sleeve-Side Connector
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

OPENING THE SRS UNIT SHORTING CONNECTORS FOR DIAGNOSIS

Special Tools Required

SRS short canceller 070AZ-SAA0100

NOTE:

- To prevent damaging of the connector cavity, insert the short canceller straight into the cavity from the terminal side.
- Before installing the short canceller, wash it with electrical contact cleaner, then dry it with compressed air.
- Do not use the short canceller if it is damaged.
- Make sure to remove the short canceller before reconnection.

When SRS unit connectors A (28P), B (28P), or C (16P) are disconnected, a short circuit is created in the connector by its own function to prevent an airbag deployment. The circuit may need to be open sometimes

when diagnosis is done on the system. Insert the short canceller (No. 070AZ-SAA0100) in the specified cavities when it is necessary to keep the circuit open for diagnosis.

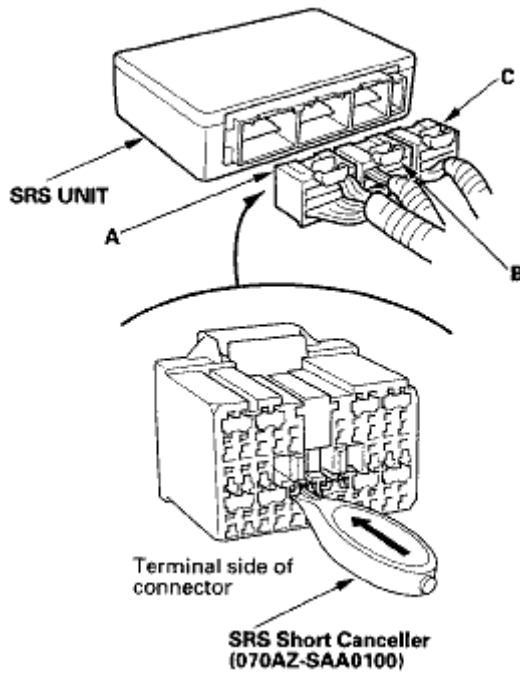


Fig. 20: Identifying SRS Unit Connectors (28P), (28P), Or (16P)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Terminal numbers are shown from the wire side of the female terminals. Insert the short canceller(s) into the cavities on the terminal side of the connector.

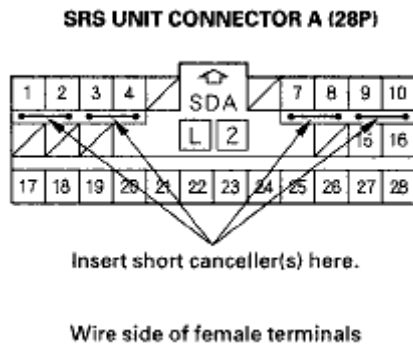


Fig. 21: Identifying SRS Unit Connector A (28P)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

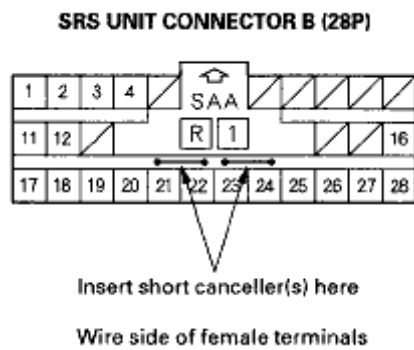


Fig. 22: Identifying SRS Unit Connector B (28P)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

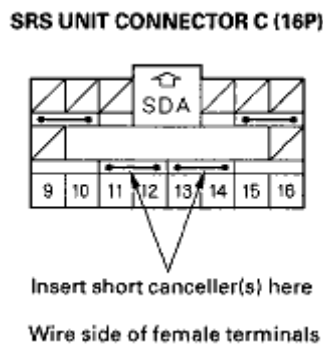


Fig. 23: Identifying SRS Unit Connector C (16P)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

BACKPROBING SPRING-LOADED LOCK CONNECTORS

When checking voltage or resistance on this type of connector the first time, you must remove the retainer (A) to insert the tester probe from the wire side.

NOTE: It is not necessary to reinstall the removed retainer; the terminals will stay locked in the connector housing.

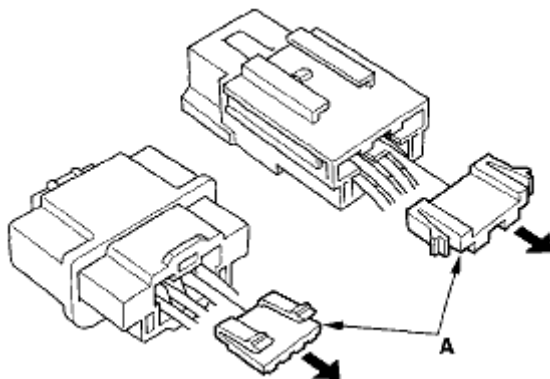


Fig. 24: Removing Retainer Terminals Locked In Connector Housing
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

To remove the retainer (A), insert a flat-tip screwdriver (B) between the connector body and the retainer,

then carefully pry out the retainer. Take care not to break the connector.

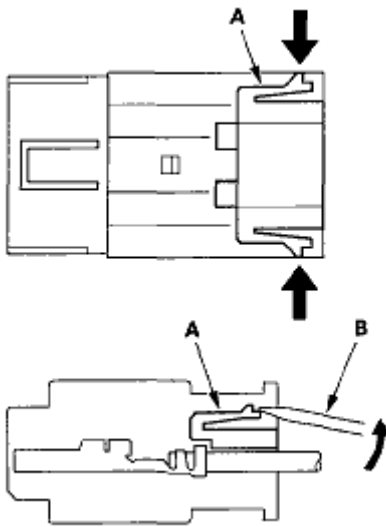


Fig. 25: Removing Retainer

Courtesy of AMERICAN HONDA MOTOR CO., INC.

SEATS WITH SIDE AIRBAGS

Seats with side airbags have a "SIDE AIRBAG" label on the seat-back.



Fig. 26: Identifying Seat Side Airbag Label

Courtesy of AMERICAN HONDA MOTOR CO., INC.

- When cleaning, use a damp cloth to clean the seat. Do not soak the seat with liquid. Do not spray steam on the seat.
- Do not repair a torn or frayed seat-back cover; replace it.
- After a collision where the side airbag was deployed, replace the seat-back cover and side airbag with new parts. If the seat-back cushion is split, it must be replaced. If the seat-back frame is deformed, it must be replaced.
- Never put aftermarket accessories on the seat (covers, pads, seat heaters, lights, etc.).

DISCONNECTING SYSTEM CONNECTORS

Turn the ignition switch OFF, disconnect the negative cable from the battery, and wait at least 3 minutes before beginning the following procedures.

- Before disconnecting the cable reel 4P connector (1), disconnect the driver's airbag 4P connector (2).
- Before disconnecting SRS unit connector B from the SRS unit, disconnect both seat belt tensioner 4P connectors (3, 4).

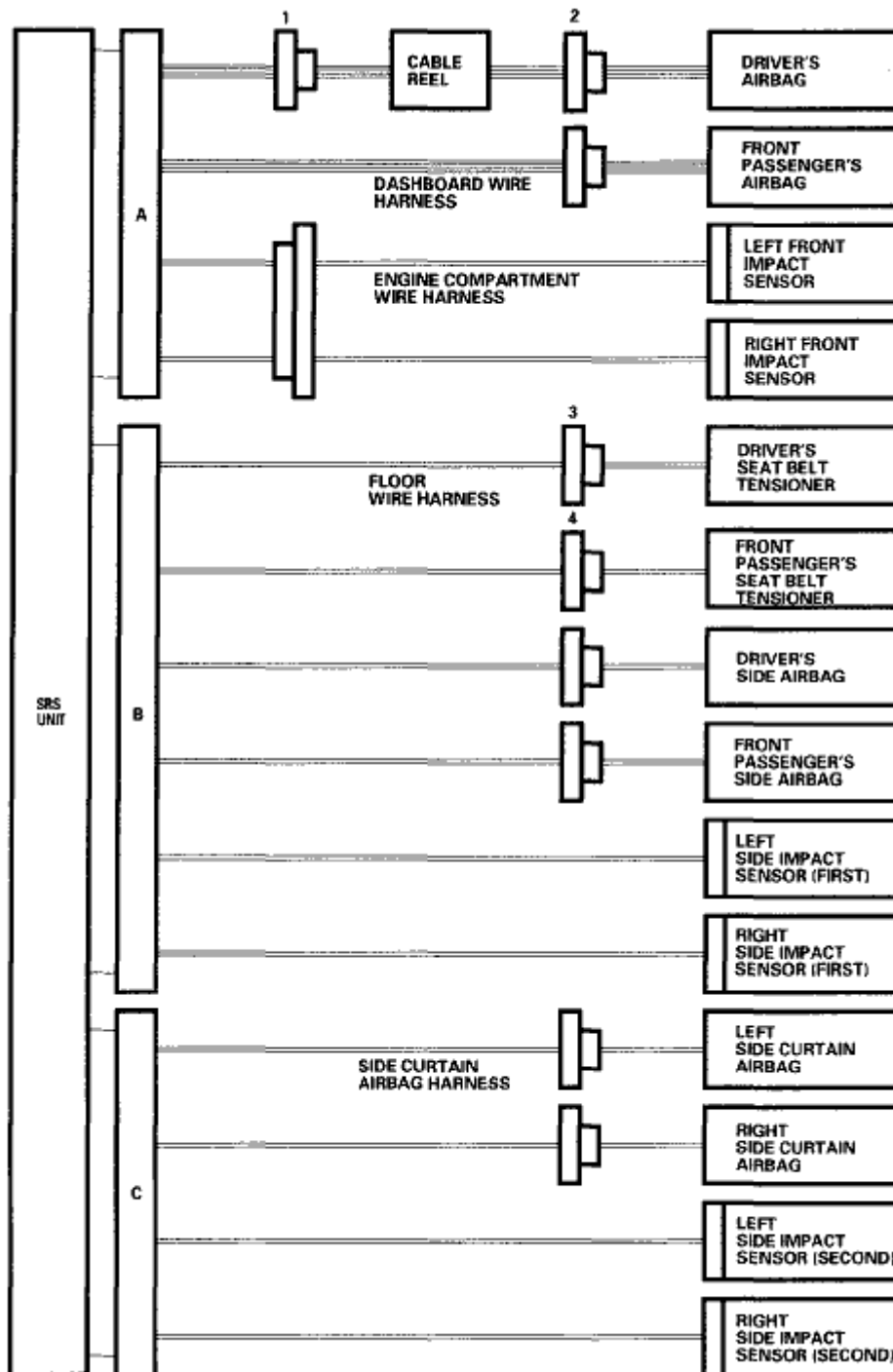


Fig. 27: SRS Connector Diagram

Courtesy of AMERICAN HONDA MOTOR CO., INC.

1. Disconnect the battery negative cable, then wait for 3 minutes before starting work.

Driver's Airbag

2. Remove the access panel (A) from the steering wheel, then disconnect the driver's airbag 4P connector (B) from the cable reel.

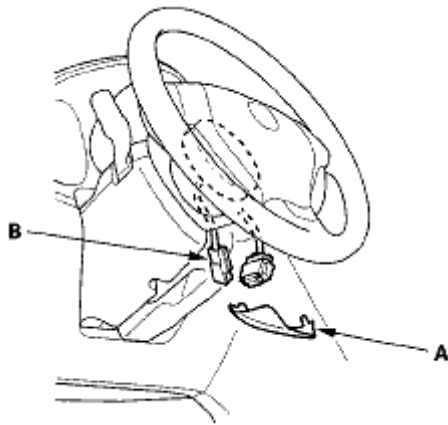


Fig. 28: Identifying Access Panel And Driver's Airbag 4P Connector
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Front Passenger's Airbag

3. Remove the glove box (see **GLOVE BOX REMOVAL/INSTALLATION**) and the glove box housing (see **GLOVE BOX HOUSING REMOVAL/INSTALLATION**), then disconnect the front passenger's airbag 4P connector (A) from the dashboard wire harness.

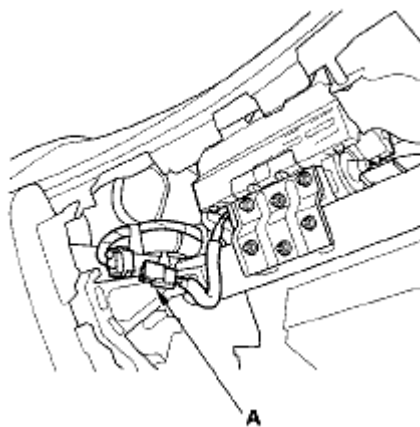


Fig. 29: Identifying Front Passenger's Airbag 4P Connector
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Side Airbag

4. Disconnect both side airbag 2P connectors (A) from the floor wire harness.



Driver's seat shown; passenger's seat is similar.

Fig. 30: Identifying Airbag 2P Connectors And Floor Wire Harness
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Side Curtain Airbag

5. Remove the headliner (see **HEADLINER REMOVAL/INSTALLATION**). Disconnect both side curtain airbag harness 2P connectors (A) from the side curtain airbag.

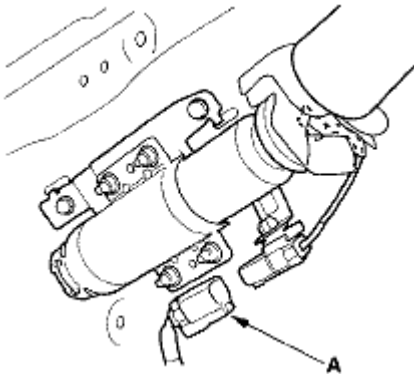


Fig. 31: Identifying Curtain Airbag Harness 2P Connectors
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Seat Belt Tensioner

6. Remove the B-pillar lower trim (see **B-PILLAR UPPER/LOWER TRIM**). Disconnect both floor wire harness 4P connector (A) from the seat belt tensioners.

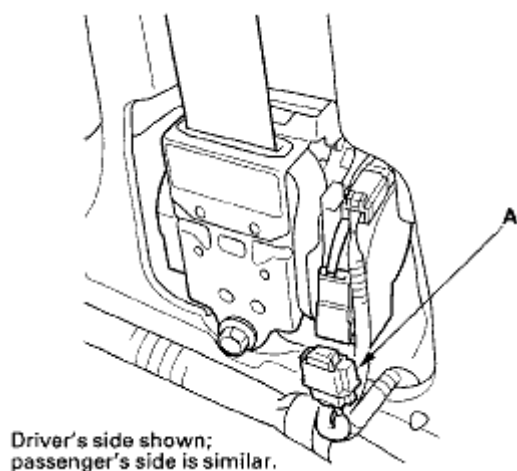


Fig. 32: Identifying Floor Wire Harness 4P Connector
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

SRS Unit

7. Remove the center console rear section (see **CENTER CONSOLE REAR SECTION REMOVAL/INSTALLATION**), remove the center console panel (see **CENTER CONSOLE PANEL REMOVAL/INSTALLATION**), and remove the heater ducts. Disconnect SRS unit connector A (28P), SRS unit connector B (28P), and/or SRS unit connector C (16P) from the SRS unit.

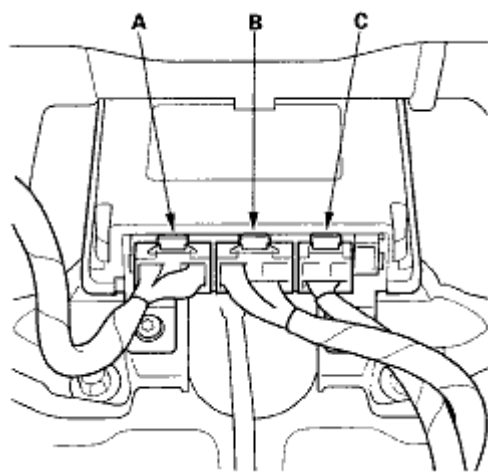


Fig. 33: Identifying SRS Unit
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

GENERAL TROUBLESHOOTING INFORMATION

DTC (DIAGNOSTIC TROUBLE CODES)

The self-diagnostic function of the SRS system allows it to locate the causes of system problems and then store this information in memory. For easier troubleshooting, this data can be retrieved via a data link circuit.

- When you turn the ignition switch ON (II), the SRS indicator comes on. If it goes off after 6 seconds, the system is normal, and is not currently detecting any abnormality.
- If there is an abnormality, the system locates and defines the problem, stores this information in memory, and turns the SRS indicator on. The data remains in the memory even when the ignition switch is turned off or if the battery is disconnected.
- The data is stored in memory as a diagnostic trouble code (DTC).
- The "x" at the end of each DTC denotes a numeric character (0 thru 9) or an alpha character (A thru F) that is displayed on the HDS. This character is unrelated to your troubleshooting; it designates the SRS unit manufacturer and other details used for product analysis.
- DTCs are either latching or resetting depending on the malfunction. With resetting DTCs, the SRS indicator goes off the next time the ignition switch is turned ON and the system is normal, but the DTC is still stored. With latching DTCs, the SRS indicator does not turn OFF until the malfunction is repaired and the DTC is cleared.
- When you connect the HDS to the data link connector (DLC), you can retrieve a more detailed DTC in the Honda Systems "SRS" menu.
- After reading and recording the DTC, proceed with the troubleshooting procedure for that code.

Precautions

- Use only a digital multimeter to check the system. If it's not a Honda multimeter, make sure its output is 10 mA (0.01 A) or less when switched to the smallest value in the ohmmeter range. A tester with a higher output could damage the airbag circuit or cause accidental airbag deployment and possible injury.
- Whenever the ignition switch is ON (II), or has been turned OFF for less than 3 minutes, be careful not to bump the SRS unit; the airbags could accidentally deploy and cause damage or injuries.
- Before you remove the dashboard wire harness, floor wire harness, or the side curtain wire harness, disconnect the driver's airbag connector, the front passenger's airbag connector, both side airbag connectors, both side curtain airbag connectors, and both seat belt tensioner connector.
- Make sure the battery is sufficiently fully charged. If the battery is dead or low, measuring values may not be correct.
- Do not touch a tester probe to the terminals in the SRS unit or harness connectors, and do not connect the SRS unit terminals or the sensor terminals with a jumper wire. Use only the backprobe set and the multimeter. Backprobe spring-loaded lock type connectors correctly.

READING THE DTC

1. Make sure the ignition switch is OFF.
2. Connect the HDS to the data link connector (DLC) (A).

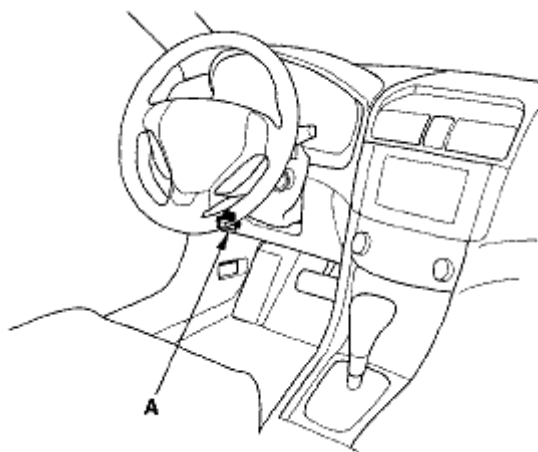


Fig. 34: Identifying HDS To Data Link Connector (DLC)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Turn the ignition switch ON (II).
4. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not communicate, troubleshoot the DLC circuit (see **DLC CIRCUIT TROUBLESHOOTING (PART 2)**).
5. Use the HDS to check for DTCs.
6. Read and record the DTC.
7. Turn the ignition switch OFF, then wait for 10 seconds.
8. Disconnect the HDS from the DLC.
9. Do the troubleshooting procedure for the DTC.

CLEAR THE DTC MEMORY WITH THE HDS

NOTE: **Make sure the battery is fully charged before you begin.**

1. Make sure the ignition switch is OFF.
2. Connect the HDS to the data link connector (DLC) (A).

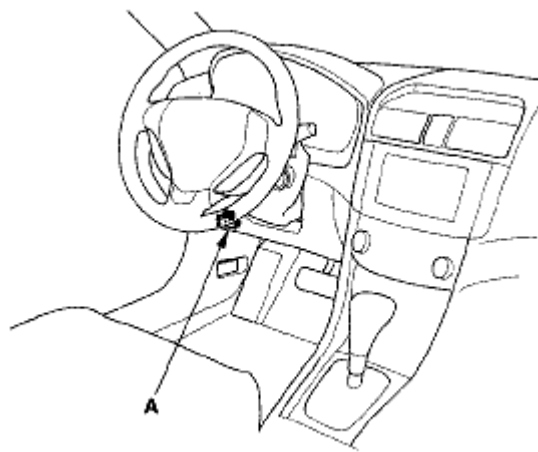


Fig. 35: Identifying HDS To Data Link Connector (DLC)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Turn the ignition switch ON (II).
4. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not communicate, troubleshoot the DLC circuit (see **DLC CIRCUIT TROUBLESHOOTING (PART 2)**).
5. In the SRS MENU of the HDS, select SRS, then DTC to clear DTC(s).
6. Turn the ignition switch OFF, then wait for 10 seconds.
7. Disconnect the HDS from the DLC.

CLEAR THE DTC MEMORY USING MES CONNECTOR WITHOUT THE HDS

Special Tools Required

SCS Service Connector 07PAZ-001010A

NOTE: **Make sure the battery is fully charged before you begin.**

To clear the DTC(s) from the SRS unit, use the HDS or the following procedure.

1. Make sure the ignition switch is OFF.
2. Connect the SCS service connector (A) to the yellow MES 2P connector (B). Do not use a jumper wire.

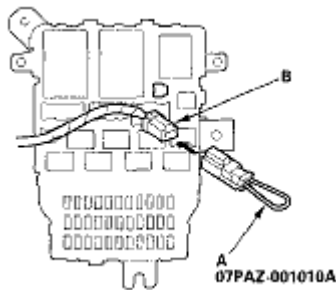


Fig. 36: Connecting SCS Service Connector To Yellow MES 2P Connector
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Turn the ignition switch ON (II).
4. The SRS indicator will come on for about 6 seconds, and then go off. Remove the SCS service connector from the MES connector (2P) within 4 seconds after the indicator goes off.
5. The SRS indicator will come on again. Reconnect the SCS service connector to the MES connector (2P) within 4 seconds after the indicator comes on.
6. When the SRS indicator goes off, remove the SCS service connector from the MES connector (2P) within 4 seconds.
7. The SRS indicator blinks two times, indicating that the memory has been cleared.
8. Turn the ignition switch OFF, then wait for 10 seconds.
9. Turn the ignition switch ON (II) again. If the SRS indicator comes on for 6 seconds, and then goes off, the system is OK.

TROUBLESHOOTING INTERMITTENT FAILURES

If there was a malfunction, but it does not recur, it will be stored in the memory as an intermittent failure, and the SRS indicator may come on depending on this malfunction detected.

NOTE: Check the condition of the battery (see **BATTERY TEST**) and the charging system (see **ALTERNATOR AND REGULATOR CIRCUIT TROUBLESHOOTING**). Low battery voltage may cause some intermittent failures. Check all of the connections in the circuit for the DTC you are troubleshooting.

After checking the DTC, troubleshoot as follows:

1. Make sure the ignition switch is OFF.
2. Connect the HDS to the data link connector (DLC).
3. Turn the ignition switch ON (II).
4. Make sure the HDS communicates with the vehicle and SRS unit. If it does not communicate, troubleshoot the DLC circuit (see **DLC CIRCUIT TROUBLESHOOTING (PART 2)**).
5. In the SRS MENU on the HDS, select SRS, then DTC to clear DTC(s).
6. Read the DTC (see "**READING THE DTC**").
7. Clear the DTC memory (see "**CLEAR THE DTC MEMORY**").
8. Set the parking brake, then start the engine, and let it idle.
9. The SRS indicator comes on for about 6 seconds and then goes off.
10. Shake the related wire harnesses and the connectors, and look for loose connections, poor pin fits, and poor grounds.
11. Take a test-drive (quick acceleration, quick braking, and cornering), turn the steering wheel fully left and right, and hold it there for 5 to 10 seconds. If the problem recurs, the SRS indicator will come on.

NOTE: A faulty cable reel can cause intermittent connections related to the driver's airbag inflator DTCs.

12. If you can not duplicate the concern, ask the client about the conditions when it occurred, or ask the client to demonstrate the concern.
13. If you cannot duplicate the intermittent failure, the system is OK at this time.

CHECKING FRONT PASSENGER'S WEIGHT SENSORS AFTER A VEHICLE COLLISION

1. Position the front passenger's seat to the rearmost position, adjust the recliner to the forward most position. Do not move it from this position.
2. Drive the vehicle, accelerate to 20 mph (36 km/h), then stop on level ground.
3. Make sure the ignition switch is OFF.
4. Connect the HDS to the data link connector (DLC) (A).

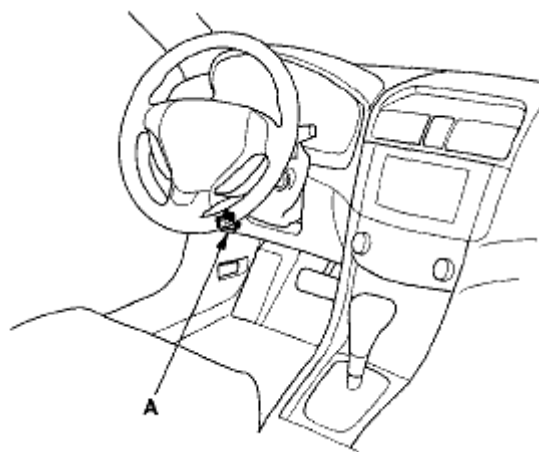


Fig. 37: Identifying HDS To Data Link Connector (DLC)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Turn the ignition switch ON (II).
6. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not communicate, troubleshoot the DLC circuit (see **DLC CIRCUIT TROUBLESHOOTING (PART 2)**).
7. From the SRS inspection menu, select Seat Weight Sensor, then Misc test, then "SEAT OUTPUT CHK" and follow the prompts until the front passenger's weight sensors operation check has been completed.

ODS UNIT INITIALIZATION

When a seat-back cover, seat-back cushion, and/or ODS unit is replaced, initialize the ODS unit by doing this procedure.

NOTE: **A new (uninitialized) ODS unit installed with a faulty OPDS sensor can cause DTC 85-71.**

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Make sure the front passenger's seat is dry. Set the seat-back in a normal position, and make sure there is nothing on the seat.
3. Make sure the ignition switch is OFF and the MES connector is not shorted.
4. Connect the HDS to the data link connector (DLC) (A).

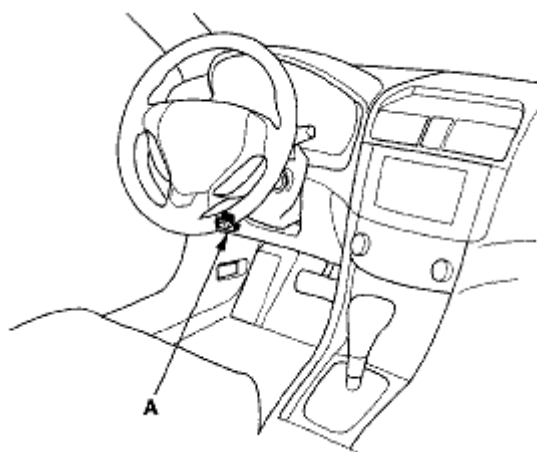


Fig. 38: Identifying HDS To Data Link Connector (DLC)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Turn the ignition switch ON (II).
6. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not communicate, troubleshoot the DLC circuit (see **DLC CIRCUIT TROUBLESHOOTING (PART 2)**).
7. From the HDS Main Menu, select SRS, then SRS, then Calibration. In the Calibration Menu, select ODS INITIALIZATION. Follow the screen prompts to initialize the ODS unit.
8. Turn the ignition switch OFF.
9. Disconnect the HDS from the DLC.

NOTE: **If the ODS fails to initialize after several attempts, replace the OPDS sensor/seat-back and retry. If the ODS continues to fail to initialize, replace the ODS unit (see ODS UNIT REPLACEMENT).**

ODS UNIT CALIBRATION

When you replace the SRS unit, front passenger's weight sensors or ODS unit, calibrate the ODS unit.

While calibrating the ODS unit, observe these precautions:

- Make sure all components of the front passenger's seat are correctly installed.
 - Make sure nothing is on or under the front passenger's seat.
 - Make sure there is nothing in the front passenger's seat-back pocket.
 - Keep the windows closed.
 - Do all calibration procedures, except test-driving, in the service bay.
 - Make sure the vehicle is on level ground.
 - Keep the A/C and the heater off.
 - Do not touch the front passenger's seat until you are prompted to or when you have completed the calibration.
 - Do not expose the front passenger's seat to sudden temperature changes.
1. Position the front passenger's seat to the rearmost position, and adjust the recliner to the forward most

position. Do not move the seat from this position.

2. Make sure the ignition switch is OFF.
3. Connect the HDS to the data link connector (DLC) (A).

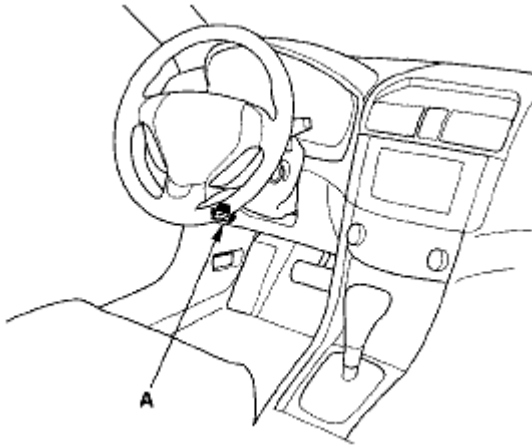


Fig. 39: Identifying HDS To Data Link Connector (DLC)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Turn the ignition switch ON (II).
5. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not communicate, troubleshoot the DLC circuit (see **DLC CIRCUIT TROUBLESHOOTING (PART 2)**).
6. Drive the vehicle, and accelerate to 20 mph (36 km/h), then stop on level ground.
7. From the Main Menu, select SRS, then Calibration, then Misc Test, then select "SWS INITIALIZATION," and follow the prompts until the calibration has been completed.

ODS UNIT OPERATION CHECK

Check the ODS operation after any of these actions.

- Replacement of front passenger's seat component(s) (except ODS unit and/or weight sensors)
- After a vehicle collision
- SRS unit replacement

PRE-OPERATION CHECK SET-UP

- Make sure all the components of the front passenger's seat are correctly installed.
- Position the front passenger's seat to the rearmost position. Adjust the seat recline to the forward most position. Do not move the seat from this position.
- Make sure nothing is on or under the front passenger's seat.
- Make sure there is nothing in the front passenger's seat-back pocket.
- Keep the windows closed.
- Do all calibration procedures, except test-driving, in the service bay.
- Make sure the vehicle is on level ground.
- Turn the heater and the A/C off.

- Do not touch the passenger's seat during the calibration.
- Do not expose the front passenger's seat to sudden temperature changes.
- Make sure all aftermarket devices such as amplifiers, fluorescent lights, air purifiers, CB or HAM radios, etc. are turned off.

AFTER REPLACING FRONT PASSENGER'S SEAT COMPONENT(S)

1. Make sure the ignition switch is OFF.
2. Connect the HDS to the data link connector (DLC) (A).

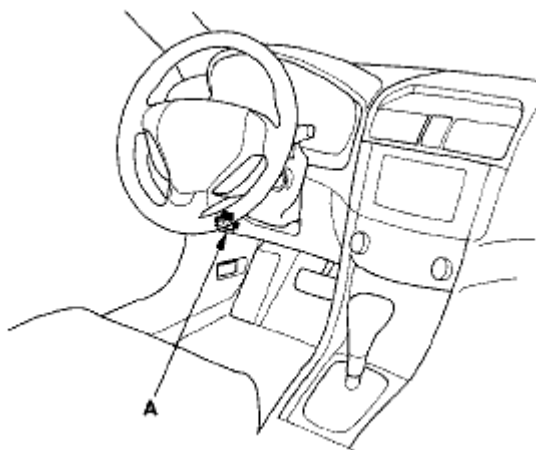


Fig. 40: Identifying HDS To Data Link Connector (DLC)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Turn the ignition switch ON (II).
4. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not communicate, troubleshoot the DLC circuit (see **DLC CIRCUIT TROUBLESHOOTING (PART 2)**).
5. Drive the vehicle, accelerate to 20 mph (36 km/h), then stop on level ground.
6. From the HDS Main Menu, select SRS, then Inspection. In the HDS Inspection Menu, select "SEAT OUTPUT CHK" and follow the prompts until the ODS operation check has been completed.

DRIVER'S SEAT POSITION SENSOR OPERATION CHECK

Check the driver's seat position after any of these actions.

- Driver's seat position sensor replacement
 - Cover plate (front side of driver's seat slide rail) replacement
1. Make sure the driver's seat is at its full forward position.
 2. Make sure the ignition switch is OFF (0).
 3. Connect the HDS to the data link connector (DLC) (A).

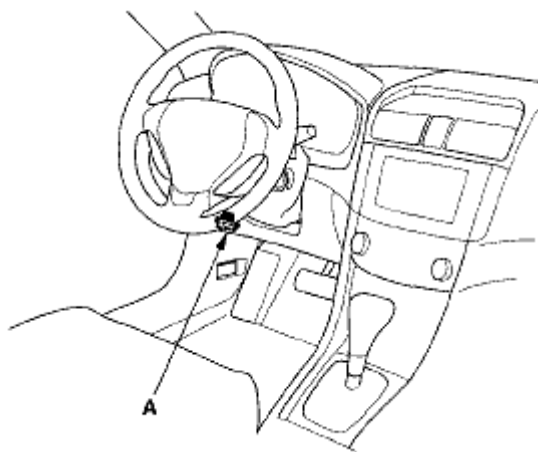


Fig. 41: Identifying HDS To Data Link Connector (DLC)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Turn the ignition switch ON (II).
5. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not communicate, troubleshoot the DLC circuit (see **DLC CIRCUIT TROUBLESHOOTING (PART 2)**).
6. From the HDS Main Menu, select SRS, then Parameter Information, then Buckle Switch, Seat Position Sensor.
7. Using a piece of tape (A), mark the location on the seat's outer cover (B) where the front riser cover meets the seat riser (C). The driver's seat position sensor should read "NEAR."

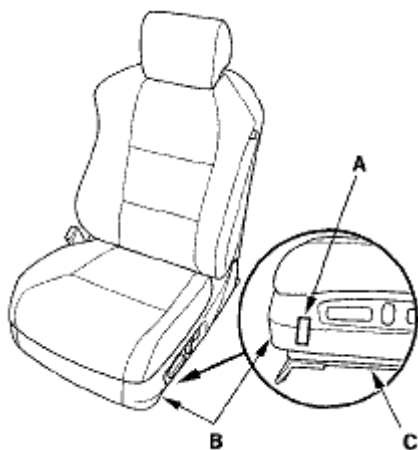


Fig. 42: Identifying Seat Outer Cover, Seat Riser And Tape Mark
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

8. Move the seat back in small increments (about 0.2 in., 5 mm) until the driver's seat position sensor reads "NOT NEAR." The seat should be about 1 in. (25 mm) from the front.

NOTE: It takes a few seconds for the HDS to display changes, so wait about 5 seconds between each move.

If the driver's seat position sensor does not work as described above, check the driver's seat position sensor or the cover plate for damage, and replace parts as needed.

9. Turn the ignition switch OFF, and disconnect the HDS from the DLC.

DTC TROUBLESHOOTING INDEX

TROUBLESHOOTING CHART

DTC	Latch ⁽¹⁾	Reset ⁽²⁾	Detection Item
<u>11-1X</u>		o	Open in driver's airbag first inflator
<u>11-3X</u>			Short to another wire or decreased resistance in driver's airbag first inflator
<u>11-4X</u>			Open in driver's airbag second inflator
<u>11-6X</u>			Short to another wire or decreased resistance in driver's airbag second inflator
<u>11-8X</u>	o		Short to power in driver's airbag first inflator
<u>11-9X</u>			Short to ground in driver's airbag first inflator
<u>11-AX</u>			Short to power in driver's airbag second inflator
<u>11-BX</u>			Short to ground in driver's airbag second inflator
<u>12-1X</u>		o	Open in front passenger's airbag first inflator
<u>12-3X</u>			Short to another wire or decreased resistance in front passenger's airbag first inflator
<u>12-4X</u>			Open in front passenger's airbag second inflator
<u>12-6X</u>			Short to another wire or decreased resistance in front passenger's airbag second inflator
<u>12-8X</u>	o		Short to power in front passenger's airbag first inflator
<u>12-9X</u>			Short to ground in front passenger's airbag first inflator
<u>12-AX</u>			Short to power in front passenger's airbag second inflator
<u>12-BX</u>			Short to ground in front

			passenger's airbag second inflator
<u>21-1X</u>		o	Open in driver's seat belt tensioner
<u>21-3X</u>			Short to another wire or decreased resistance in driver's seat belt tensioner
<u>21-8X</u>	o		Short to power in driver's seat belt tensioner
<u>21-9X</u>			Short to ground in driver's seat belt tensioner
<u>22-1X</u>		o	Open in front passenger's seat belt tensioner
<u>22-3X</u>			Short to another wire or decreased resistance in front passenger's seat belt tensioner
<u>22-8X</u>	o		Short to power in front passenger's seat belt tensioner
<u>22-9X</u>			Short to ground in front passenger's seat belt tensioner
<u>31-1X</u>		o	Open in driver's side airbag inflator
<u>31-3X</u>			Short to another wire or decreased resistance in driver's side airbag inflator
<u>31-8X</u>	o		Short to power in driver's side airbag inflator
<u>31-9X</u>			Short to ground in driver's side airbag inflator
<u>32-1X</u>		o	Open in front passenger's side airbag inflator
<u>32-3X</u>			Short to another wire or decreased resistance in front passenger's side airbag inflator
<u>32-8X</u>	o		Short to power in front passenger's side airbag inflator
<u>32-9X</u>			Short to ground in front passenger's side airbag inflator
<u>33-1X</u>		o	Open in left side curtain airbag inflator
<u>33-3X</u>			Short to another wire or

			decreased resistance in left side curtain airbag inflator
<u>33-8X</u>	o		Short to power in left side curtain airbag inflator
<u>33-9X</u>			Short to ground in left side curtain airbag inflator
<u>34-1X</u>		o	Open in right side curtain airbag inflator
<u>34-3X</u>			Short to another wire or decreased resistance in right side curtain airbag inflator
<u>34-8X</u>	o		Short to power in right side curtain airbag inflator
<u>34-9X</u>			Short to ground in right side curtain airbag inflator
<u>41-1X</u>		o	No signal from the left front impact sensor
<u>41-2X</u>			Internal failure of the left front impact sensor
<u>41-3X</u>			
<u>41-8X</u>			
<u>42-1X</u>		o	No signal from the right front impact sensor
<u>42-2X</u>			Internal failure of the right front impact sensor
<u>42-3X</u>			
<u>42-8X</u>			
<u>43-1X</u>		o	No signal from the left side impact sensor (first)
<u>43-2X</u>			Internal failure of the left side impact sensor (first)
<u>43-3X</u>			
<u>43-8X</u>			
<u>44-1X</u>		o	No signal from the right side impact sensor (first)
<u>44-2X</u>			Internal failure of the right side impact sensor (first)
<u>44-3X</u>			
<u>44-8X</u>			
<u>45-1X</u>		o	No signal from the left side impact sensor (second)
<u>45-2X</u>			Internal failure of the left side impact sensor (second)
<u>45-3X</u>			
<u>45-8X</u>			
<u>46-1X</u>		o	No signal from the right

			side impact sensor (second)
<u>46-2X</u>	o	o	Internal failure of the right side impact sensor (second)
<u>46-3X</u>			
<u>46-8X</u>	o		
<u>51-XX</u>			
<u>52-XX</u>	o	o	Internal failure of the SRS unit
<u>53-XX</u>			
<u>54-XX</u>		o	
<u>55-XX</u>			
<u>61-1X</u>			
<u>61-2X</u>			
<u>62-1X</u>			
<u>62-2X</u>			
<u>71-1X</u>			
<u>71-2X</u>			
<u>81-4X</u>			
<u>81-5X</u>			
<u>81-61</u>			
<u>81-62</u>			
<u>81-63</u>			
<u>81-64</u>			
<u>81-71</u>			
<u>81-78</u>			
<u>81-79</u>			
<u>82-1X</u>		o	No signal from the inner side front passenger's weight sensor
<u>83-2X</u>			No signal from the outer side front passenger's weight sensor
<u>85-4X</u>			Internal failure of the ODS unit
<u>85-5X</u>			No signal from the ODS unit
<u>85-61</u>			No signal from the ODS unit
<u>85-62</u>			Response data error from

		the ODS unit
<u>85-63</u>		Internal failure of the ODS unit
<u>85-64</u>		ODS unit not initialized
<u>85-71</u>		
<u>85-78</u>		OPDS sensor initial check failure
<u>85-79</u>		Faulty OPDS sensor
<u>86-1X</u>		
<u>86-2X</u>		Open in passenger's airbag cutoff indicator
<u>92-1X</u>		Open or short to ground in passenger's airbag cutoff indicator
<u>92-2X</u>		Faulty power supply (VA line)
<u>A1-1X</u>		Faulty power supply (VB line)
<u>A2-1X</u>		Control operation recorded
<u>EX-XX</u>		Airbag and/or tensioners deployment recorded
<u>FX-XX</u>		

NOTE:

The "x" at the end of each DTC denotes a numeric character (0 thru 9) or an alpha character (A thru F) that you will see on the HDS display. The character is unrelated to your troubleshooting; it designates the SRS unit manufacturer and other details used for product analysis.

- (1) The SRS indicator comes on and stays on whenever the ignition switch is in the ON (II) position, or until the code is cleared.
- (2) The SRS indicator comes on when the DTC is set. The SRS indicator will not come on after the ignition switch is cycled from ON (II) to OFF (0), but the DTC is stored in the SRS unit.

SYMPTOM TROUBLESHOOTING INDEX

TROUBLESHOOTING CHART

Symptom	Diagnostic procedure	Also check for
SRS indicator does not come on	Symptom Troubleshooting (see <u>SYMPTOM TROUBLESHOOTING</u>)	Communication with HDS
SRS indicator stays on, but no DTCs are stored	Symptom Troubleshooting (see <u>SYMPTOM TROUBLESHOOTING</u>)	Charging system for under or overcharging
Side airbag cutoff indicator is flashing	Check the DTC. If DTC indicated, go to the <u>DTC TROUBLESHOOTING</u>	Communication with HDS
Side airbag cutoff indicator stays on	Symptom Troubleshooting (see <u>SYMPTOM TROUBLESHOOTING</u>)	Communication with HDS
Side airbag cutoff indicator does not come on	Symptom Troubleshooting (see <u>SYMPTOM TROUBLESHOOTING</u>)	Communication with HDS
Passenger's airbag cutoff	Check the DTC. If DTC indicated, go to the	Communication with

indicator is flashing	<u>DTC TROUBLESHOOTING</u>	HDS
Passenger's airbag cutoff indicator stays on or comes on suddenly	Symptom Troubleshooting (see <u>SYMPTOM TROUBLESHOOTING</u>)	Communication with HDS
Passenger's airbag cutoff indicator does not come on	Check the DTC. If DTC indicated, go to the <u>DTC TROUBLESHOOTING</u>	Communication with HDS
HDS does not communicate with the SRS unit or the vehicle	Troubleshoot the DLC Circuit (see <u>DLC CIRCUIT TROUBLESHOOTING (PART 2)</u>)	Communication with HDS

SYSTEM DESCRIPTION

SRS COMPONENTS

Airbags

The SRS is a safety device which, when used with the seat belt, is designed to help protect the driver and front passenger in a frontal impact exceeding a certain set limit. The system consists of the SRS unit, including safing sensor and impact sensor (A), the cable reel (B), the driver's airbag (C), the front passenger's airbag (D), side airbags (E), side curtain airbags (F), seat belt tensioners (G), side impact sensors (first) (H), front impact sensors (I) and side impact sensors (second) (J).

Since the driver's and front passenger's airbags use the same sensors, both normally inflate at the same time. However, it is possible for only one airbag to inflate. This can occur when the severity of a collision is at the margin, or threshold, that the SRS unit determines whether or not the airbags will deploy. In such cases, the seat belt will provide sufficient protection, and the supplemental protection offered by the airbag would be minimal.

Front Passenger's Weight Sensors

The ODS unit (K) is in the front passenger's seat-back. The front passenger's weight sensors (L) are part of the seat base. The weight sensors detect the weight on the seat, and send the information to the ODS unit. If the total weight is about 65 lbs (30 kg) or less, the ODS unit sends a signal to the SRS unit to prevent the front passenger's airbag from deploying. When the front passenger's airbag is disabled, the passenger airbag cutoff indicator on the center panel comes onto alert the driver that the front passenger's airbag will not deploy in a front-end collision.

Driver's Seat Position Sensor

The driver's seat position sensor (M) is under the driver's seat on the left side. When the driver's seat is moved to its full forward position, the deployment of the driver's airbag is moderated to decrease its force of impact during a front-end collision.

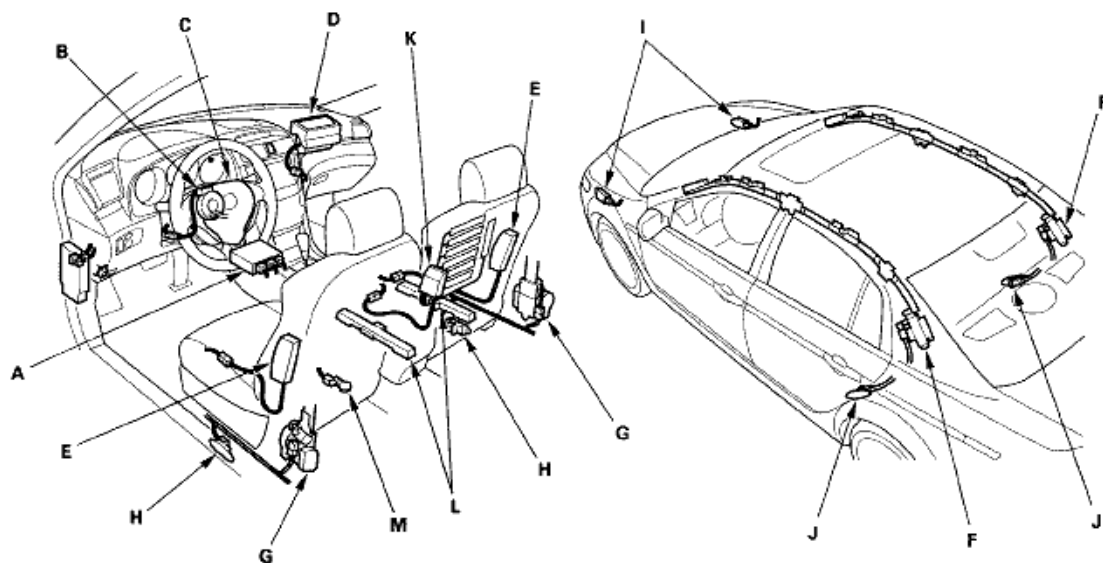


Fig. 43: Identifying SRS Components Location
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

SIDE AIRBAG CUTOFF INDICATOR/ODS OPERATION

The indicator comes on if the front passenger's seat is occupied by a small adult or child who is leaning into the deployment path, or an object (grocery bag, briefcase, purse, etc.) is in the seat. When the indicator comes on, the passenger's side airbag is off and will not deploy; there is no problem with the side airbag. If the passenger sits upright or moves to another seat, or you remove the object from the seat, the light should go off. There will be some delay between the occupant's repositioning and when the indicator will turn on or off.

PASSENGER AIRBAG CUTOFF INDICATOR

The indicator comes on if the weight of the front passenger is about 65 lbs (30 kg) or less. This indicates the passenger's front airbag is off and will not deploy. The front airbag is shut off to reduce the chance of airbag-caused injuries.

SRS OPERATION

The main circuit in the SRS unit senses and judges the force of impact and, if necessary, ignites the inflator charges. If battery voltage is too low or power is disconnected due to the impact, the voltage regulator and the back-up power circuit will keep voltage at a constant level.

For the SRS to operate:

SEAT BELT TENSIONERS

1. A front impact sensor or side impact sensor must activate and send electric signals to the microprocessor.
2. The microprocessor must compute the signals and send them to the tensioners.
3. The charges must ignite and deploy the tensioners.

Driver's and Front Passenger's Airbag(s)

1. A front impact sensor must activate and send electric signals to the microprocessor.
2. The microprocessor must compute the signals and send them to the airbag inflator(s).
3. The inflators that receives signals must ignite and deploy the airbags.

Side Airbag(s)

1. A side impact sensor must activate and send electric signals to the microprocessor.
2. The microprocessor must compute the signals and send them to the side airbag inflator(s). However, the microprocessor cuts off the signals to the front passenger's side airbag if the SRS unit determines that the front passenger's head is in the deployment path of the side airbag.
3. The inflator that receives the signal must ignite and deploy the side airbag.

Side Curtain Airbag(s)

1. Side impact sensor must activate and send electrical signals to the microprocessor.
2. The microprocessor must compute the signals and send them to the side curtain airbag and side airbag inflator(s).
3. The inflator that receives the signals must ignite and deploy the side curtain airbag and side airbag at the same time.

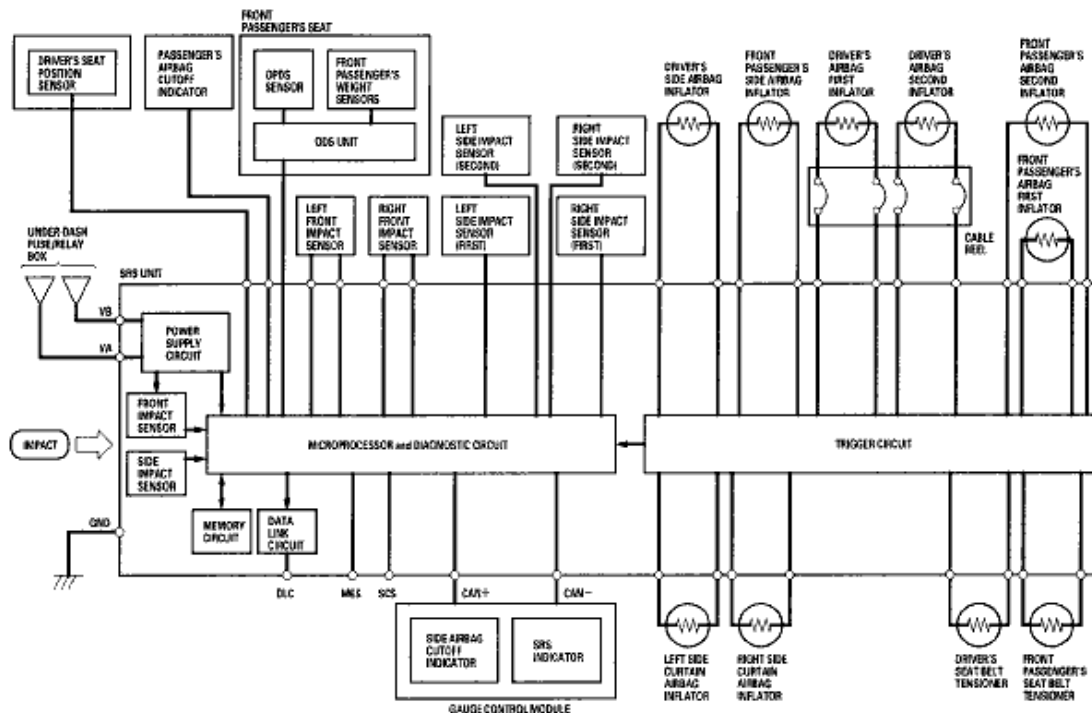


Fig. 44: SRS Components System Diagram
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Self-Diagnostic System

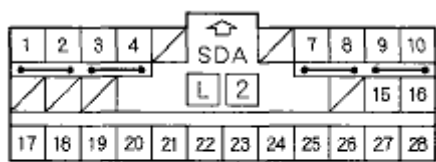
A self-diagnostic circuit is built into the SRS unit; when the ignition switch is turned ON (II), the SRS indicator comes on and goes off after about 6 seconds if the system is operating normally.

If the indicator does not come on, or does not go off after 6 seconds, or if it comes on while driving, it indicates an abnormality in the system. The system must be inspected and repaired as soon as possible.

For better serviceability, the SRS unit memory stores a DTC that relates to the cause of the malfunction, and the unit is connected to the data link connector (DLC). This information can be read with the HDS when it is connected to the DLC (see **GENERAL TROUBLESHOOTING INFORMATION**).

NOTE: Before you disconnect the negative cable from the battery for troubleshooting, make sure you have the anti-theft codes for the audio system and navigation system (if equipped).

SRS UNIT INPUTS AND OUTPUTS AT CONNECTOR A (28P)



Wire side of female terminals

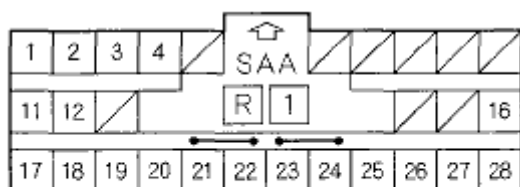
Fig. 45: Identifying SRS Unit Inputs And Outputs Connector Terminals A (28P)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

CONNECTOR TERMINAL REFERENCE

Terminal Number	Wire Color	Terminal Name	Description
1	GRN/YEL	LA2+	Power source for driver's airbag second inflator
2	GRN/WHT	LA2-	Ground for driver's airbag second inflator
3	BLU/BLK	RA2+	Power source for front passenger's airbag second inflator
4	BLU/RED	RA2-	Ground for front passenger's airbag second inflator
7	GRN/BLK	LA1+	Power source for driver's airbag first inflator
8	GRN/RED	LA1-	Ground for driver's airbag first inflator
9	YEL	RA1+	Power source for front passenger's airbag first inflator
10	BLU/YEL	RA1-	Ground for front passenger's airbag first inflator
15	BRN/YEL	LFS-	Ground for left front impact sensor
16	BRN	RFS-	Ground for right front impact sensor
17	WHT	VA	SRS system sub power (common with OPDS)
18	WHT/RED	VB	SRS dedicated power (dedicated booster circuit)
19	RED/BLU	PTT	Passenger's airbag cutoff indicator output line
20	WHT	CAN HI	Sends and receives communication signal with the gauge control module
21	RED	CAN LO	Sends and receives communication signal with the gauge control module
22	BLK	SRS GND (1)	Ground circuit for the SRS (G505)

23	BLK	SRS GND (2)	Ground circuit for the SRS (G505)
24	LT BLU	K-LINE	Sends and receives scan tool signal (serial data)
25	LT GRN/ BLK	MES	Memory erase signal input
26	BRN	SCS	Service check signal input
27	RED	LFS+	Power source for left front impact sensor
28	GRN	RFS+	Power source for right front impact sensor
NOTE: BLU or BRN wires may be substituted for the wire colors in this table.			

SRS UNIT INPUTS AND OUTPUTS AT CONNECTOR B (28P)



Wire side of female terminals

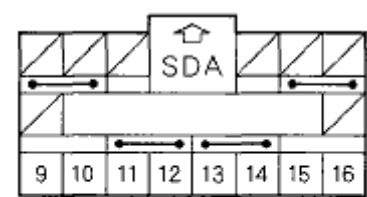
Fig. 46: Identifying SRS Unit Inputs And Outputs Connector Terminals B (28P)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

CONNECTOR TERMINAL REFERENCE

Terminal Number	Wire Color	Terminal Name	Description
1	RED/BLU	LRP+	Power source for driver's seat belt tensioner
2	RED/WHT	LRP-	Ground for driver's seat belt tensioner
3	RED/BLK	RRP+	Power source for front passenger's seat belt tensioner
4	RED/YEL	RRP-	Ground for front passenger's seat belt tensioner
11	BLU/RED	LBSC	Driver's seat belt buckle switch unbuckled signal
12	BLU	RBSC	Front passenger's seat belt buckle switch unbuckled signal
16	GRN/WHT	SSS+	Power source for driver's seat position sensor
17	LT GRN	LBSO	Driver's seat belt buckle switch buckled signal
18	ORN	RBSO	Front passenger's seat belt buckle switch buckled signal
19	PNK/BLU	LSI+	Power source for left side impact sensor (first)
20	GRY/RED	LSI-	Ground for left side impact sensor (first)
21	WHT/GRN	LSA+	Power source for driver's side airbag inflator
22	WHT/RED	LSA-	Ground for driver's side airbag inflator
23	WHT/BLK	RSA+	Power source for front passenger's side airbag inflator
24	WHT/BLU	RSA-	Ground for front passenger's side airbag inflator

25	BRN/YEL	RSI+	Power source for right side impact sensor (first)
26	LT GRN/ RED	RSI-	Ground for right side impact sensor (first)
27	GRN/ORN	ODS	Sends and receives communication signal
28	GRN/RED	SSS-	Ground for driver's seat position sensor
NOTE: BLU or BRN wires may be substituted for the wire colors in this table.			

SRS UNIT INPUTS AND OUTPUTS AT CONNECTOR C (16P)



Wire side of female terminals

Fig. 47: Identifying SRS Unit Inputs And Outputs Connector Terminal C (16P)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

CONNECTOR TERMINAL REFERENCE

Terminal Number	Wire Color	Terminal Name	Description
9	GRN/BLK	LCSI+	Power source for left side impact sensor (second)
10	ORN	LCSI-	Ground for left side impact sensor (second)
11	BLU/BLK	LCA+	Power source for left side curtain airbag inflator
12	BLU	LCA-	Ground for left side curtain airbag inflator
13	RED/YEL	RCA+	Power source for right side curtain airbag inflator
14	RED	RCA-	Ground for right side curtain airbag inflator
15	YEL/BLK	RCSI+	Power source for right side impact sensor (second)
16	YEL	RCSI-	Ground for right side impact sensor (second)

CIRCUIT DIAGRAM

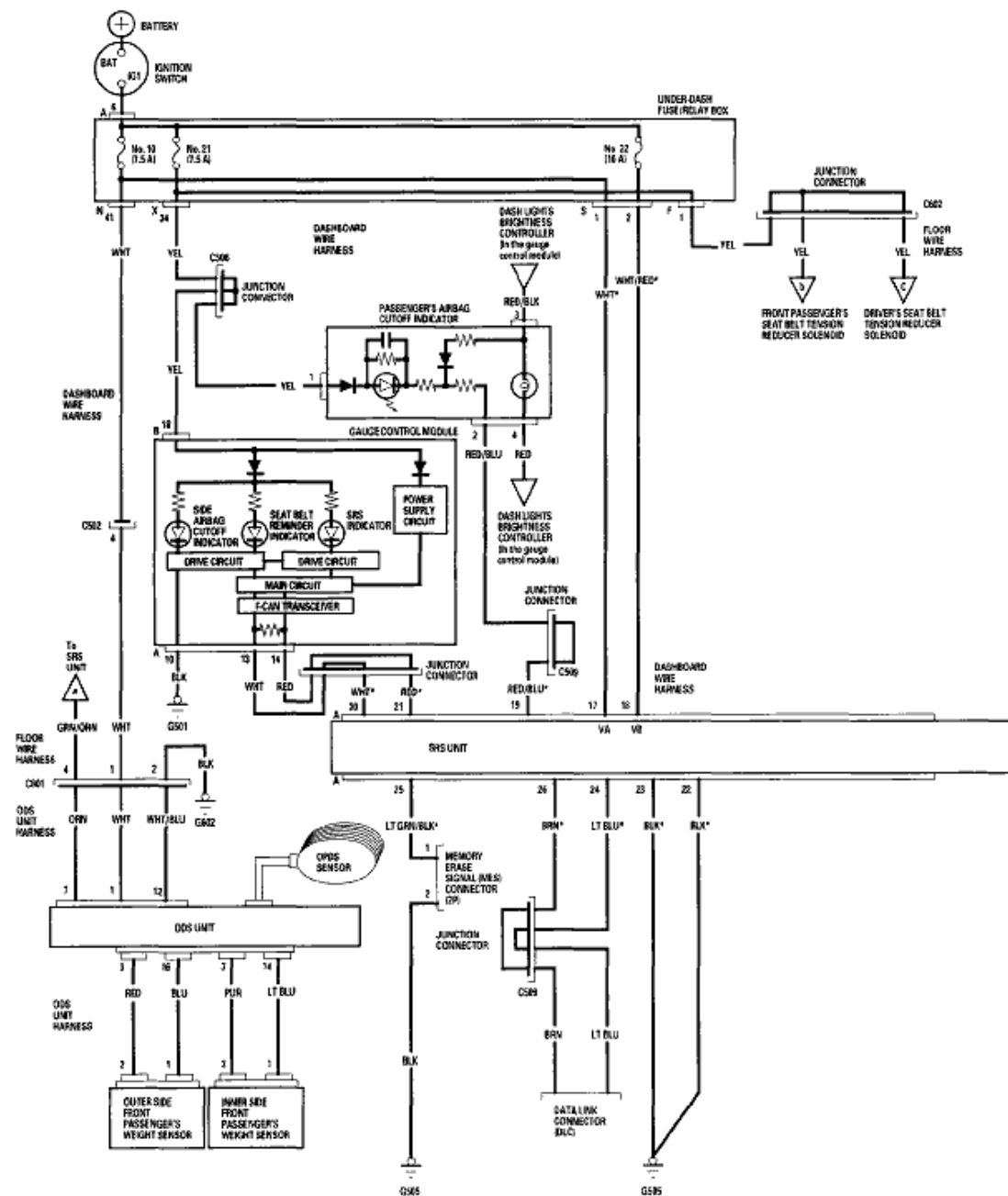
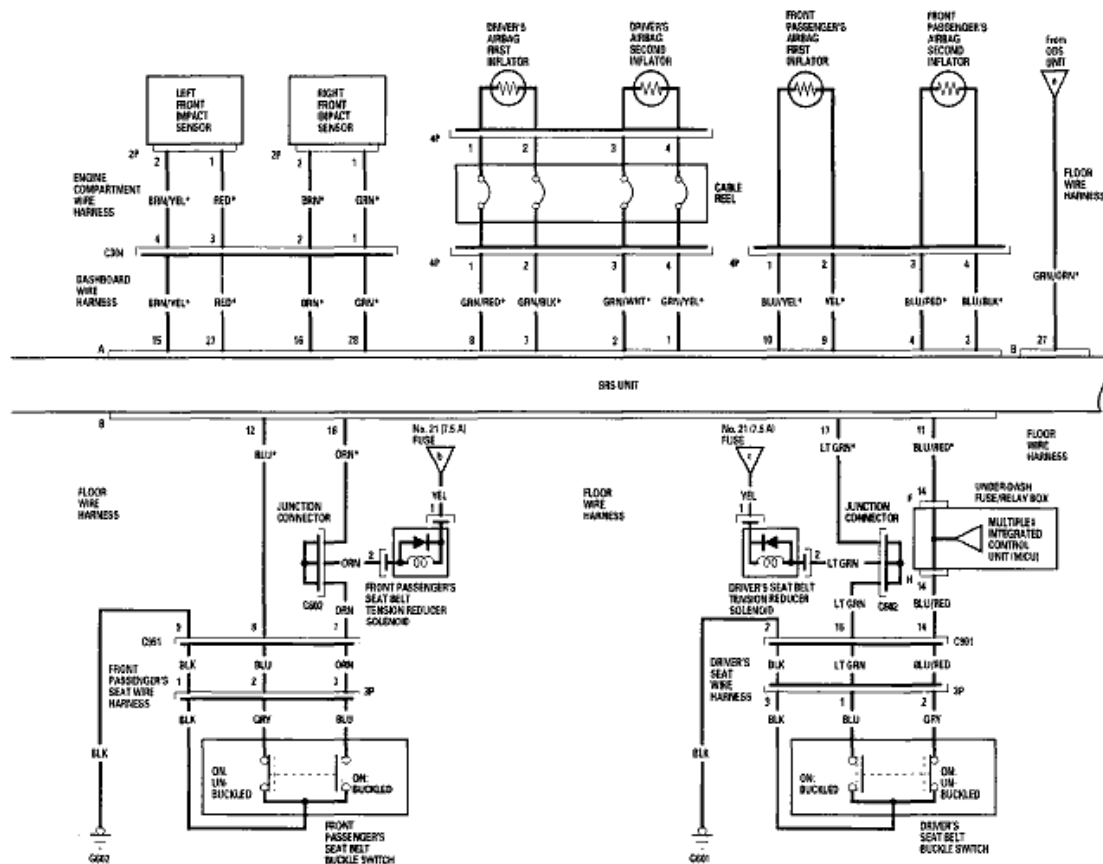


Fig. 48: SRS Circuit Diagram (1 Of 4)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

**Fig. 49: SRS Circuit Diagram (2 Of 4)**

Courtesy of AMERICAN HONDA MOTOR CO., INC.

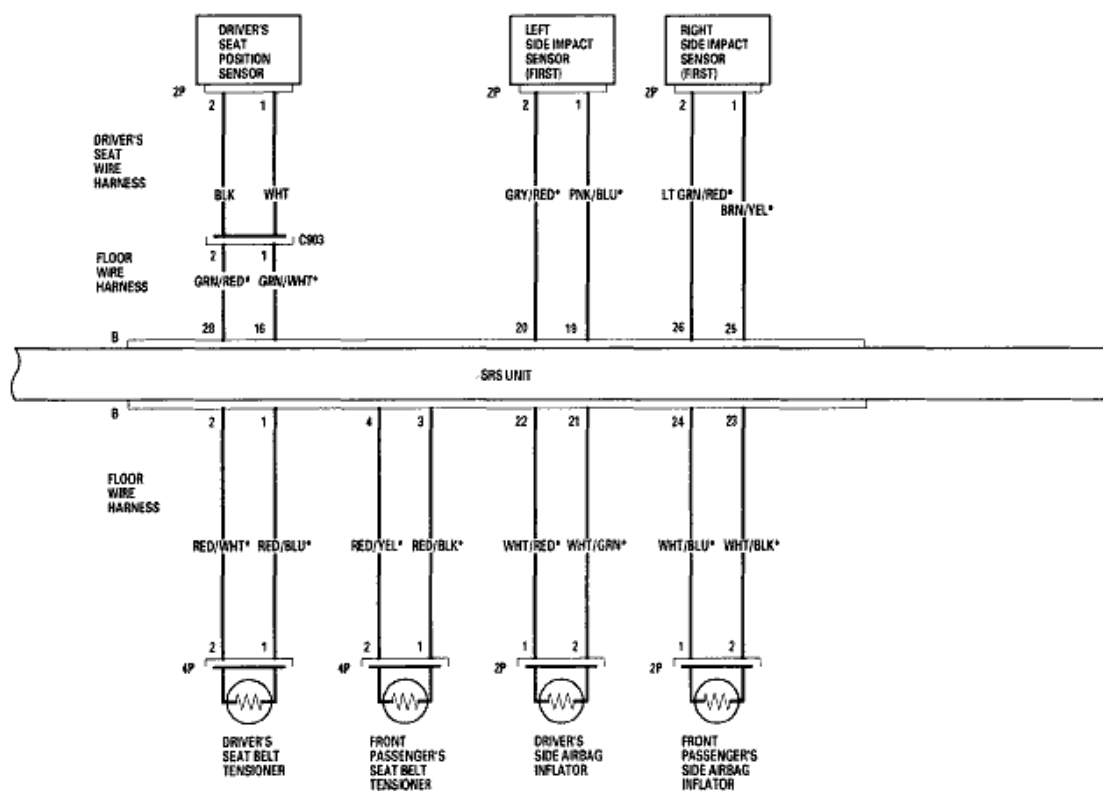
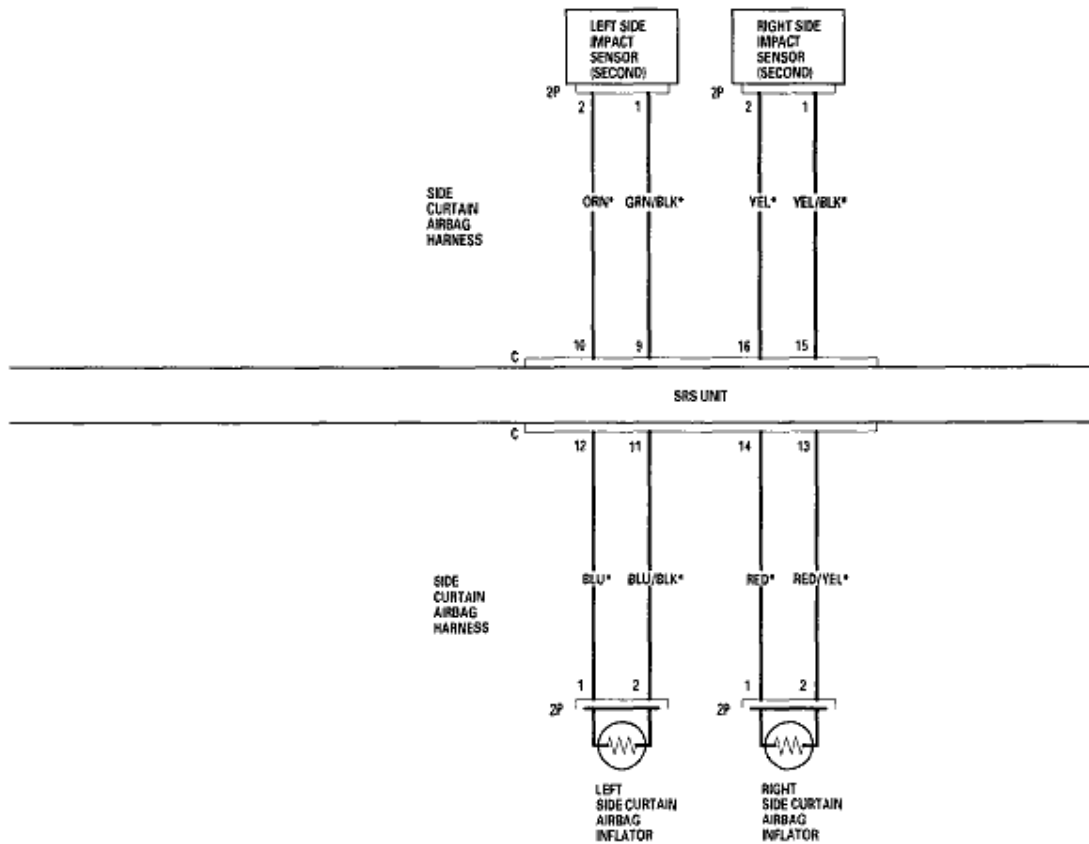


Fig. 50: SRS Circuit Diagram (3 Of 4)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

**Fig. 51: SRS Circuit Diagram (4 Of 4)**

Courtesy of AMERICAN HONDA MOTOR CO., INC.

DTC TROUBLESHOOTING

DTC 11-1X ("X" CAN BE 0 THRU 9 OR A THRU F): OPEN IN DRIVER'S AIRBAG FIRST INFLATOR; DTC 11-4X ("X" CAN BE 0 THRU 9 OR A THRU F): OPEN IN DRIVER'S AIRBAG SECOND INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see PRECAUTIONS AND PROCEDURES) and General Troubleshooting Information (see GENERAL TROUBLESHOOTING INFORMATION).

1. Clear the DTC memory (see CLEAR THE DTC MEMORY WITH THE HDS).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 11-1x or 11-4x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the driver's airbag 4P connector (A) from the cable reel.

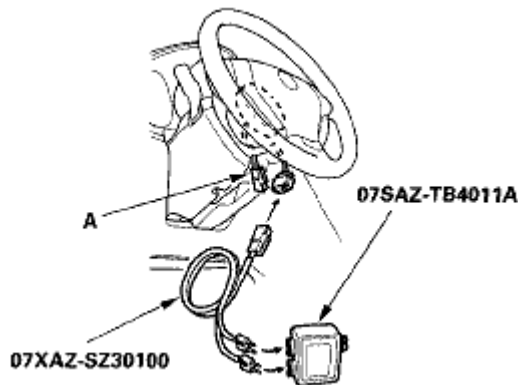


Fig. 52: Identifying Driver's Airbag 4P Connector Of Cable Reel
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the cable reel.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 11-1x or 11-4x indicated?

YES -Go to step 9.

NO -Open in the driver's airbag first or second inflator; replace the driver's airbag (see **DRIVER'S AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect the dashboard wire harness 4P connector (A) from the cable reel.

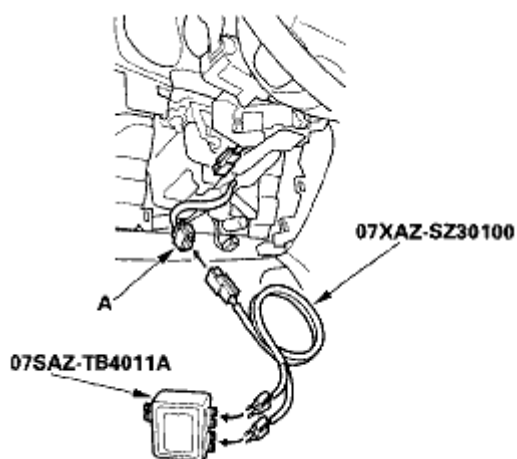


Fig. 53: Identifying Dashboard Wire Harness 4P Connector And Cable Reel
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

11. Connect the SRS inflator simulator (2 0. connectors) and the simulator lead to the dashboard wire harness.
12. Reconnect the negative cable to the battery.
13. Clear the DTC memory.
14. Read the DTC.

Is DTC 11-1x or 11-4x indicated?

YES -Go to step 15.

NO -Open in the cable reel; replace the cable reel (see **CABLE REEL REPLACEMENT**).

15. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
16. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
17. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the dashboard wire harness 4P connector.
18. Measure the resistance between the terminals of both SRS simulator leads. There should be 1 ohms. or less.

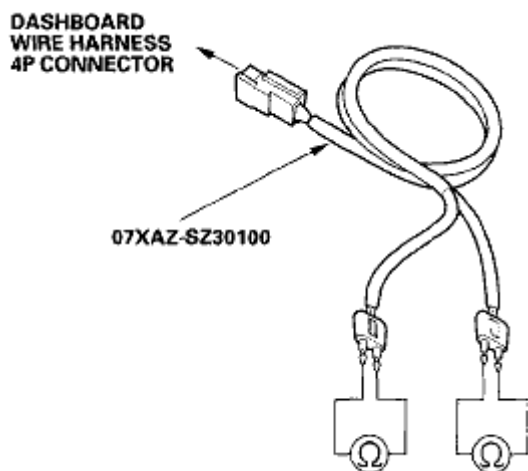


Fig. 54: Measuring Resistance Between Terminals Of Both SRS Simulator Leads
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector A (28P) and the SRS unit. Check the connection between the connector and the SRS unit. If the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Open in the dashboard wire harness; replace the dashboard wire harness.

DTC 11-3X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO ANOTHER WIRE OR DECREASED RESISTANCE IN DRIVER'S AIRBAG FIRST INFLATOR; DTC 11-6X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO ANOTHER WIRE OR DECREASED RESISTANCE IN DRIVER'S AIRBAG SECOND INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100
- SRS short canceller 070AZ-SAA0100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 11-3x or 11-6x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the driver's airbag 4P connector (A) from the cable reel.

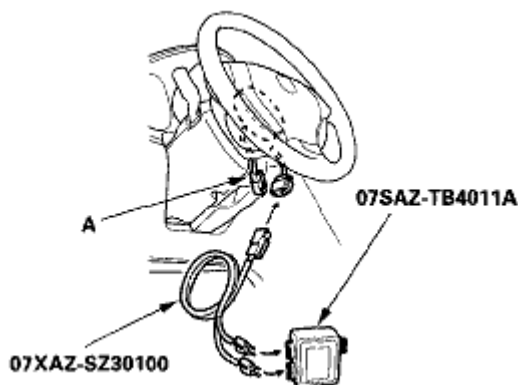


Fig. 55: Identifying Driver's Airbag 4P Connector Of Cable Reel
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the cable reel.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 11-3x or 11-6x indicated?

YES -Go to step 9.

NO -Short in the driver's airbag first or second inflator; replace the driver's airbag (see **DRIVER'S AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect the dashboard wire harness 4P connector (A) from the cable reel.

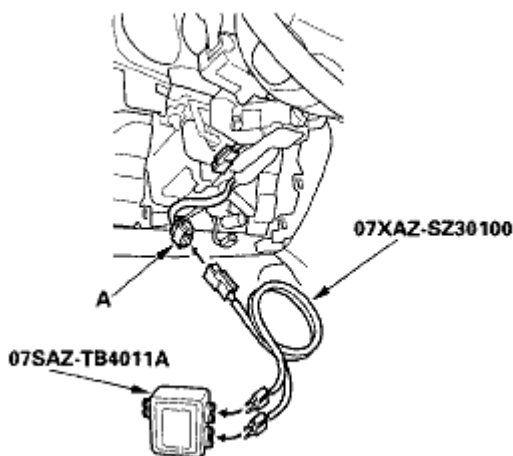


Fig. 56: Identifying Dashboard Wire Harness 4P Connector Of Cable Reel
Courtesy of AMERICAN HONDA MOTOR CO., INC.

11. Connect the SRS inflator simulator (2 ohms connectors) and the simulator lead to the dashboard wire harness.
12. Reconnect the negative cable to the battery.
13. Clear the DTC memory.
14. Read the DTC.

Is DTC 11-3x or 11-6x indicated?

YES -Go to step 15.

NO -Short in the cable reel; replace the cable reel (see **CABLE REEL REPLACEMENT**).

15. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
16. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
17. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the dashboard wire harness 4P connector.
18. Connect the SRS short canceller (070AZ-SAA0100) to No. 7 and No. 8 terminals and No. 1 and No. 2 terminals of the SRS unit connector A (28P) (see **OPENING THE SRS UNIT SHORTING CONNECTORS FOR DIAGNOSIS**).
19. Measure the resistance between the terminals of both SRS simulator leads. There should be an open circuit (ohmmeter reads OL) or at least 1 Mohms.

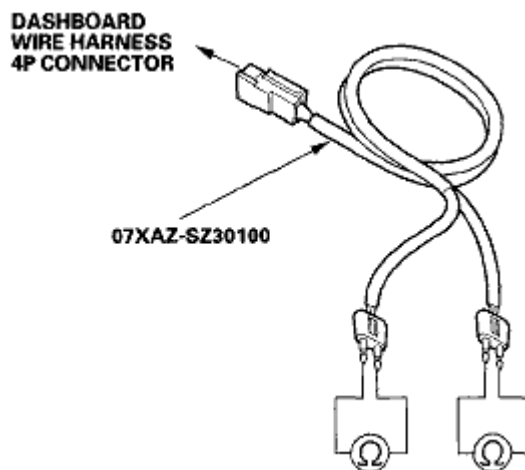


Fig. 57: Measuring Resistance Between Terminals Of Both SRS Simulator Leads
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector A (28P) and the SRS unit. Check the connection between the connector and the SRS unit. If the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short in the dashboard wire harness; replace dashboard wire harness.

DTC 11-8X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO POWER IN DRIVER'S AIRBAG FIRST INFLATOR; DTC 11-AX ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO POWER IN DRIVER'S AIRBAG SECOND INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see PRECAUTIONS AND PROCEDURES) and General Troubleshooting Information (see GENERAL TROUBLESHOOTING INFORMATION).

1. Clear the DTC memory, (see CLEAR THE DTC MEMORY WITH THE HDS).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 11-8x or 11-Ax indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to TROUBLESHOOTING INTERMITTENT FAILURES . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the driver's airbag 4P connector (A) from the cable reel.

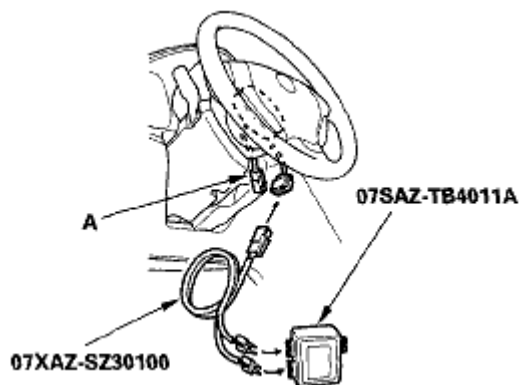


Fig. 58: Identifying Driver's Airbag 4P Connector And Cable Reel
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the cable reel.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see READING THE DTC).

Is DTC 11-8x or 11-Ax indicated?

YES -Go to step 9.

NO -Short to power in the driver's airbag first or second inflator; replace the driver's airbag (see **DRIVER'S AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect the dashboard wire harness 4P connector (A) from the cable reel.

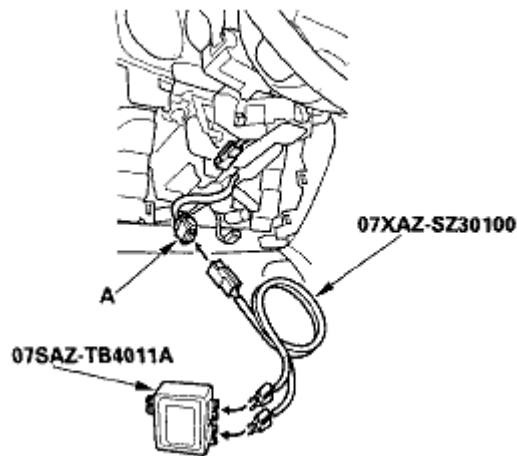


Fig. 59: Identifying Dashboard Wire Harness 4P Connector And Cable Reel
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

11. Connect the SRS inflator simulator (2 0. connectors) and the simulator lead to the dashboard wire harness.
12. Reconnect the negative cable to the battery.
13. Clear the DTC memory.
14. Read the DTC.

Is DTC 11-8x or 11-Ax indicated ?

YES -Go to step 15.

NO -Short to power in the cable reel; replace the cable reel (see **CABLE REEL REPLACEMENT**).

15. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
16. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
17. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the dashboard wire harness 4P connector.
18. Reconnect the negative cable to the battery.
19. Turn the ignition switch ON (II).
20. Measure the voltage between each terminal of the SRS simulator lead and body ground. There should be 0.5 V or less.

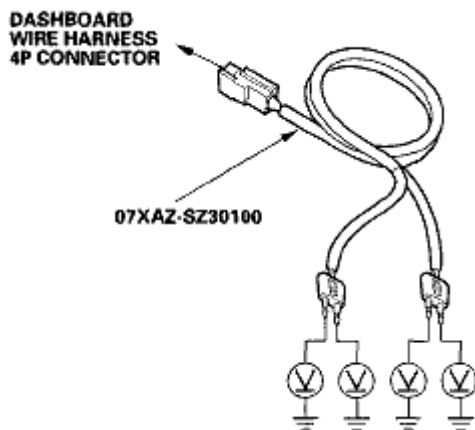


Fig. 60: Measuring Voltage Between Terminal Of SRS Simulator Lead And Body Ground
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the voltage as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector A (28P) and the SRS unit. Check the connection between the connector and the SRS unit. If the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to power in the dashboard wire harness; replace the dashboard wire harness.

DTC 11-9X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO GROUND IN DRIVER'S AIRBAG FIRST INFLATOR; DTC 11-BX ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO GROUND IN DRIVER'S AIRBAG SECOND INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 11-9x or 11-Bx indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.

4. Disconnect the driver's airbag 4P connector (A) from the cable reel.

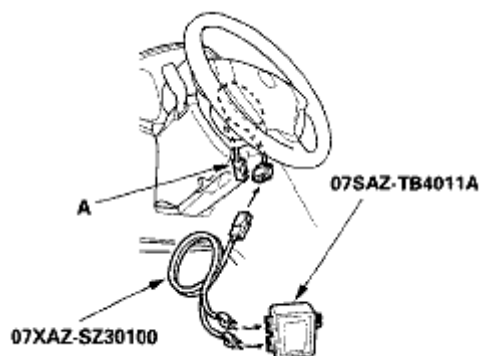


Fig. 61: Identifying Driver's Airbag 4P Connector Of Cable Reel
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the cable reel.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 11-9x or 11-Bx indicated?

YES -Go to step 9.

NO -Short to ground in the driver's airbag first or second inflator; replace the driver's airbag (see **DRIVER'S AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect the dashboard wire harness 4P connector (A) from the cable reel.

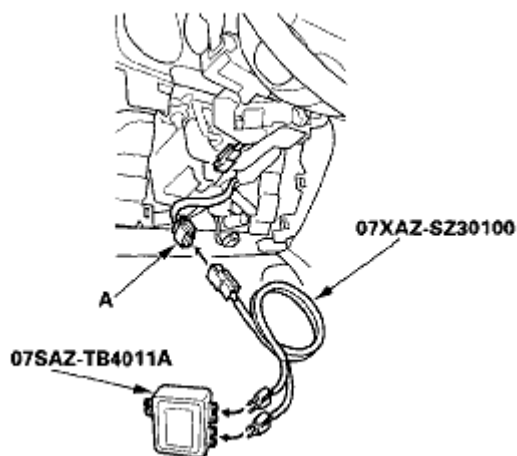


Fig. 62: Identifying Dashboard Wire Harness 4P Connector And Cable Reel
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

11. Connect the SRS inflator simulator (2 ohms connectors) and the simulator lead to the dashboard wire harness.

12. Reconnect the negative cable to the battery.
13. Clear the DTC memory.
14. Read the DTC.

Is DTC 11-9x or 11-Bx indicated?

YES -Go to step 15.

NO -Short to ground in the cable reel; replace the cable reel (see **CABLE REEL REPLACEMENT**).

15. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
16. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
17. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the dashboard wire harness 4P connector.
18. Measure the resistance between each terminal of the SRS simulator lead and body ground. There should be an open circuit (ohmmeter reads OL) or at least 1 Mohms.

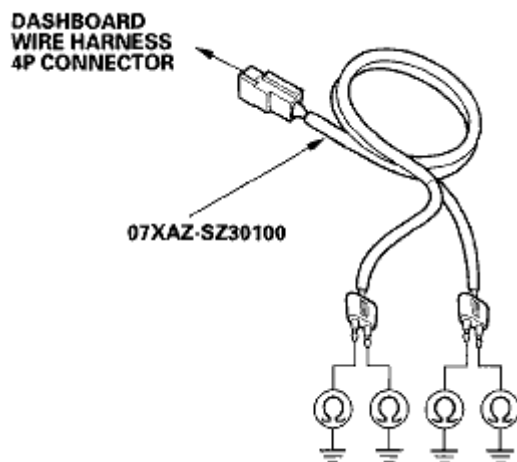


Fig. 63: Measuring Resistance Between Terminal Of SRS Simulator Lead And Body Ground
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector A (28P) and the SRS unit. Check the connection between the connector and the SRS unit. If the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to ground in the dashboard wire harness; replace the dashboard wire harness.

DTC 12-1X ("X" CAN BE 0 THRU 9 OR A THRU F): OPEN IN FRONT PASSENGER'S AIRBAG FIRST INFLATOR; DTC 12-4X ("X" CAN BE 0 THRU 9 OR A THRU F): OPEN IN FRONT PASSENGER'S AIRBAG SECOND INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see PRECAUTIONS AND PROCEDURES) and General Troubleshooting Information (see GENERAL TROUBLESHOOTING INFORMATION).

1. Clear the DTC memory, (see CLEAR THE DTC MEMORY WITH THE HDS).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 12-1x or 12-4x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to TROUBLESHOOTING INTERMITTENT FAILURES . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the dashboard wire harness 4P connector (A) from the front passenger's airbag.

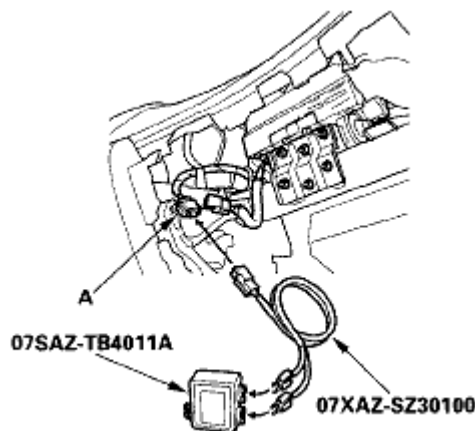


Fig. 64: Identifying Dashboard Wire Harness 4P Connector And Front Passenger's Airbag
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the dashboard wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see READING THE DTC).

Is DTC 12-1x or 12-4x indicated?

YES -Go to step 9.

NO -Open in the front passenger's airbag first or second inflator; replace the front passenger's airbag (see **FRONT PASSENGER'S AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the dashboard wire harness 4P connector.
12. Measure the resistance between the terminals of both SRS simulator leads. There should be 1 ohms or less.

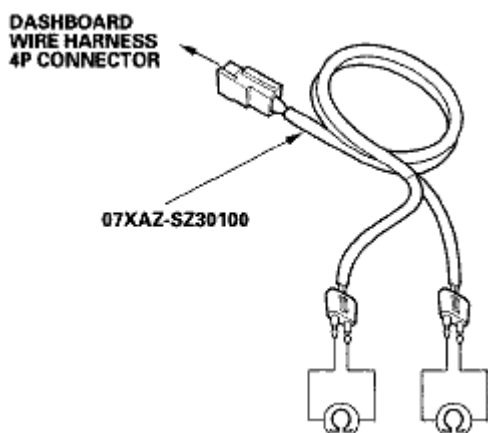


Fig. 65: Measuring Resistance Between Terminals Of Both SRS Simulator Leads
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector A (28P). Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Open in the dashboard wire harness; replace the dashboard wire harness.

DTC 12-3X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO ANOTHER WIRE OR DECREASED RESISTANCE IN FRONT PASSENGER'S AIRBAG FIRST INFLATOR; DTC 12-6X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO ANOTHER WIRE OR DECREASED RESISTANCE IN FRONT PASSENGER'S AIRBAG SECOND INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100
- SRS short canceller 070AZ-SAA0100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 12-3x or 12-6x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the dashboard wire harness 4P connector (A) from the front passenger's airbag.

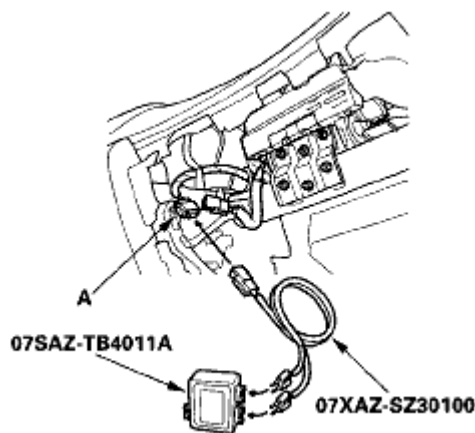


Fig. 66: Identifying Dashboard Wire Harness 4P Connector And Front Passenger's Airbag
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the dashboard wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 12-3x or 12-6x indicated?

YES -Go to step 9.

NO -Short in the front passenger's airbag first or second inflator; replace the front passenger's airbag (see **FRONT PASSENGER'S AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the dashboard wire harness 4P connector.

12. Connect the SRS short canceller (070AZ-SAA0100) to No. 9 and No. 10 terminals, and the No. 3 and No. 4 terminals of the SRS unit connector A (28P) (see **OPENING THE SRS UNIT SHORTING CONNECTORS FOR DIAGNOSIS**).
13. Measure the resistance between the terminals of both SRS simulator leads. There should be an open circuit (ohmmeter reads OL) or at least 1 Mohms.

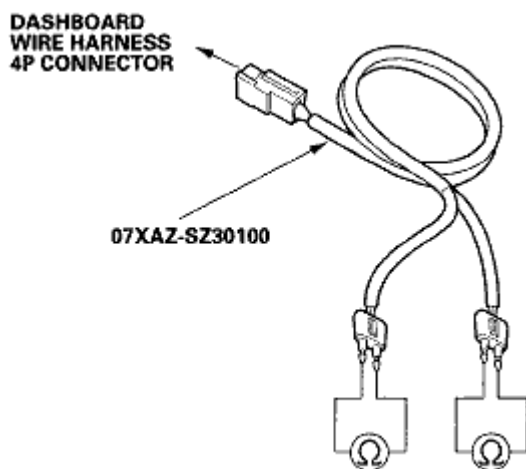


Fig. 67: Measuring Resistance Between Terminals Of Both SRS Simulator Leads
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector A (28P) and the SRS unit. Check the connection between the connector and the SRS unit. If the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short in the dashboard wire harness; replace the dashboard wire harness.

DTC 12-8X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO POWER IN FRONT PASSENGER'S AIRBAG FIRST INFLATOR; DTC 12-AX ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO POWER IN FRONT PASSENGER'S AIRBAG SECOND INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 12-8x or 12-Ax indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the dashboard wire harness 4P connector (A) from the front passenger's airbag.

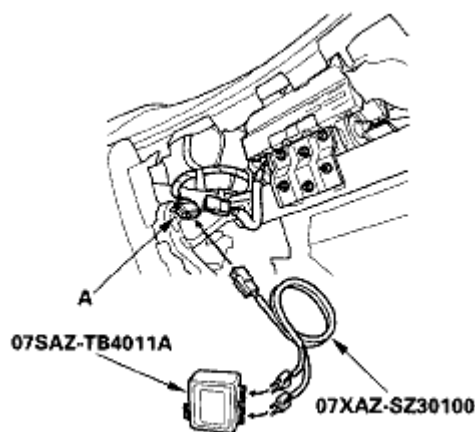


Fig. 68: Identifying Dashboard Wire Harness 4P Connector (A) And Front Passenger's Airbag
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the dashboard wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 12-8x or 12-Ax indicated?

YES -Go to step 9.

NO -Short to power in the front passenger's airbag first or second inflator; replace the front passenger's airbag (see **FRONT PASSENGER'S AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the dashboard wire harness 4P connector.
12. Reconnect the negative cable to the battery.
13. Turn the ignition switch ON (II).
14. Measure the voltage between each terminal of the SRS simulator lead and body ground. There should be 0.5 V or less.

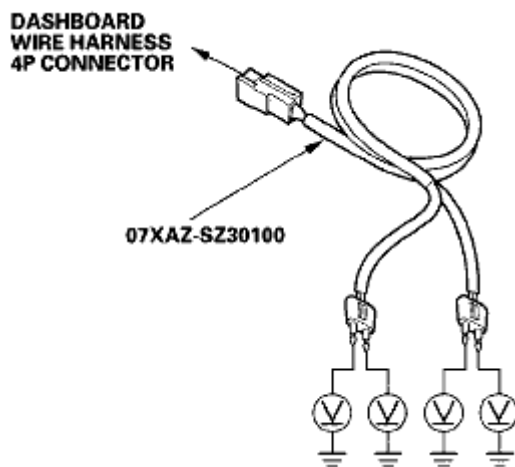


Fig. 69: Measuring Voltage Between Terminal Of SRS Simulator Lead And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the voltage as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector A (28P) and the SRS unit. Check the connection between the connector and the SRS unit. If the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to power in the dashboard wire harness; replace the dashboard wire harness.

DTC 12-9X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO GROUND IN FRONT PASSENGER'S AIRBAG FIRST INFLATOR; DTC 12-BX ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO GROUND IN FRONT PASSENGER'S AIRBAG SECOND INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 12-9x or 12-Bx indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the dashboard wire harness 4P connector (A) from the front passenger's airbag.

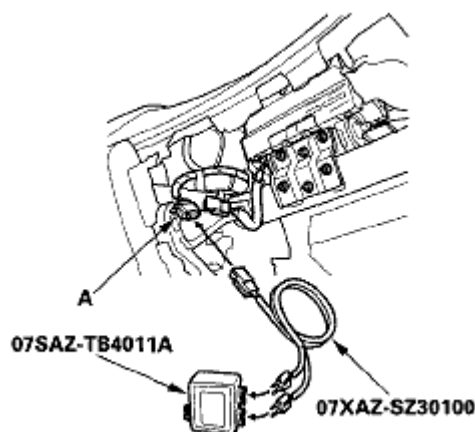


Fig. 70: Identifying Dashboard Wire Harness 4P Connector And Front Passenger's Airbag
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the dashboard wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 12-9x or 12-Bx indicated?

YES -Go to step 9.

NO -Short to ground in the front passenger's airbag first or second inflator; replace the front passenger's airbag (see **FRONT PASSENGER'S AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the dashboard wire harness 4P connector.
12. Measure the resistance between each terminal of the SRS simulator lead and body ground. There should be an open circuit (ohmmeter reads OL) or at least 1 Mohms.

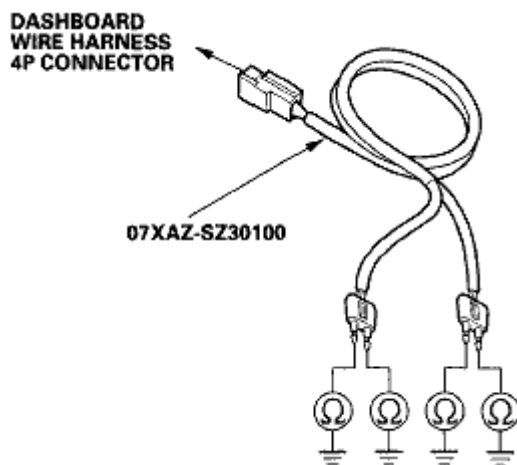


Fig. 71: Measuring Resistance Between Terminal Of SRS Simulator Lead And Body Ground
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector A (28P) and the SRS unit. Check the connection between the connector and the SRS unit. If the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to ground in the dashboard wire harness; replace the dashboard wire harness.

DTC 21-1X ("X" CAN BE 0 THRU 9 OR A THRU F): OPEN IN DRIVER'S SEAT BELT TENSIONER

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 21-1X indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.

4. Disconnect the floor wire harness 4P connector (A) from the driver's seat belt tensioner.

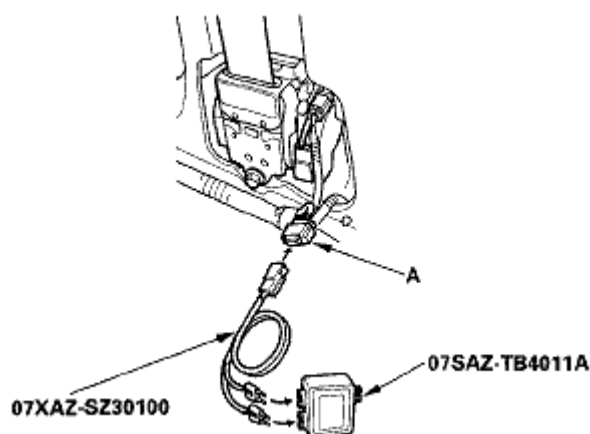


Fig. 72: Identifying Floor Wire Harness 4P Connector (A) And Driver's Seat Belt Tensioner
Courtesy of AMERICAN HONDA MOTOR CO., INC.

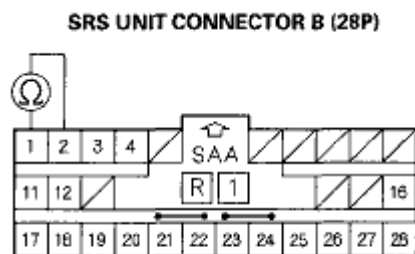
5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 21-1x indicated?

YES -Go to step 9.

NO -Open in the driver's seat belt tensioner; replace the driver's seat belt (see **FRONT SEAT BELT REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect the front passenger's seat belt tensioner 4P connector (see step 6 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
12. Measure the resistance between the No. 1 and the No. 2 terminals of SRS unit connector B (28P). There should be 2.0-3.0 ohms.



Wire side of female terminals

Fig. 73: Measuring Resistance Between No. 1 And 2 Terminals Of SRS Unit Connector B (28P)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Open in the floor wire harness; replace the floor wire harness.

DTC 21-3X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO ANOTHER WIRE OR DECREASED RESISTANCE IN DRIVER'S SEAT BELT TENSIONER

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 21-3x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the floor wire harness 4P connector (A) from the driver's seat belt tensioner.

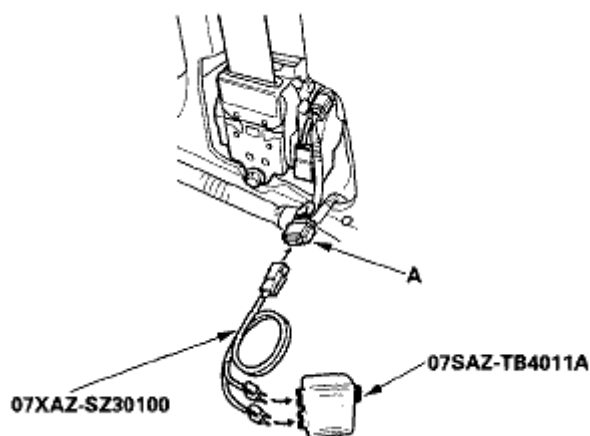


Fig. 74: Identifying Floor Wire Harness 4P Connector And Driver's Seat Belt Tensioner
Courtesy of AMERICAN HONDA MOTOR CO., INC.

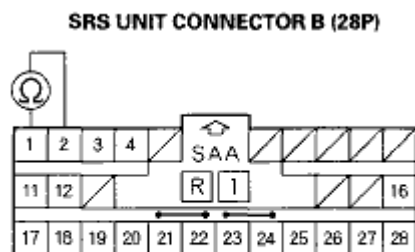
5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 21-3x indicated?

YES -Go to step 9.

NO -Short in the driver's seat belt tensioner; replace the driver's seat belt (see **FRONT SEAT BELT REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect the front passenger's seat belt tensioner 4P connector (see step 6 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
12. Disconnect the simulator lead from the floor wire harness.
13. Measure the resistance between the No. 1 and the No. 2 terminals of SRS unit connector B (28P). There should be an open circuit or at least 1 Mohms.



Wire side of female terminals

Fig. 75: Measuring Resistance Between No. 1 And No. 2 Terminals Of SRS Unit Connector B (28P)**Courtesy of AMERICAN HONDA MOTOR CO., INC.***Is the resistance as specified?***YES** -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).**NO** -Short in the floor wire harness; replace the floor wire harness.**DTC 21-8X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO POWER IN DRIVER'S SEAT BELT TENSIONER****Special Tools Required**

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

*Does the SRS indicator stay on, and is DTC 21-8X indicated?***YES** -Go to step 3.**NO** -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the floor wire harness 4P connector (A) from the driver's seat belt tensioner.

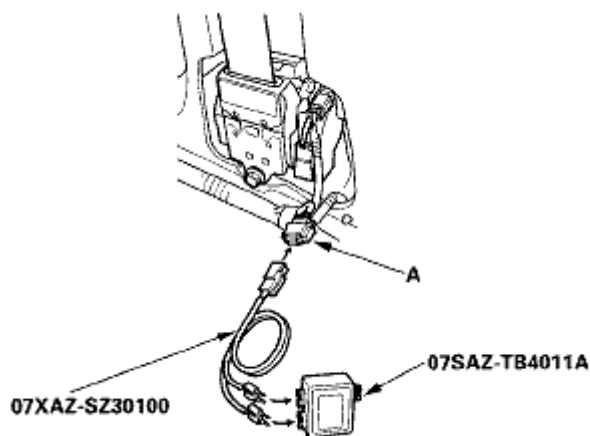


Fig. 76: Identifying Floor Wire Harness 4P Connector And Driver's Seat Belt Tensioner
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 21-8X indicated?

YES -Go to step 9.

NO -Short to power in the driver's seat belt tensioner; replace the driver's seat belt (see **FRONT SEAT BELT REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect the front passenger's seat belt tensioner 4P connector (see step 6 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
12. Disconnect the simulator lead from the floor wire harness.
13. Reconnect the negative cable to the battery.
14. Turn the ignition switch ON (II).
15. Measure the voltage between the No. 1 terminal of SRS unit connector B (28P) and body ground, and between the No. 2 terminal and body ground. There should be 0.5 V or less.

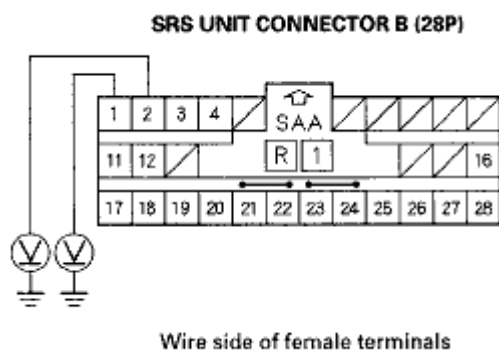


Fig. 77: Measuring Voltage Between No. 1 Terminal Of SRS Unit Connector B (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the voltage as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to power in the floor wire harness; replace the floor wire harness.

DTC 21-9X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO GROUND IN DRIVER'S SEAT BELT TENSIONER

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 21-9x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the floor wire harness 4P connector (A) from the driver's seat belt tensioner.

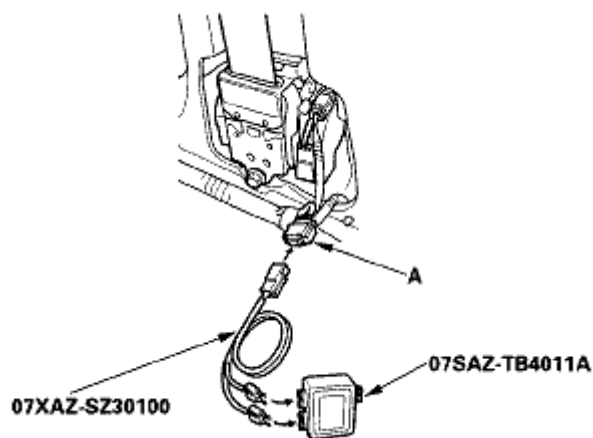


Fig. 78: Identifying Floor Wire Harness 4P Connector And Driver's Seat Belt Tensioner
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 21-9x indicated?

YES -Go to step 9.

NO -Short to ground in the driver's seat belt tensioner; replace the driver's seat belt (see **FRONT SEAT BELT REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect the front passenger's seat belt tensioner 4P connector (see step 6 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
12. Disconnect the simulator lead from the floor wire harness.
13. Measure the resistance between the No. 1 terminal of SRS unit connector B (28P) and body ground, and between the No. 2 terminal and body ground. There should be an open circuit or at least 1 Mohms.

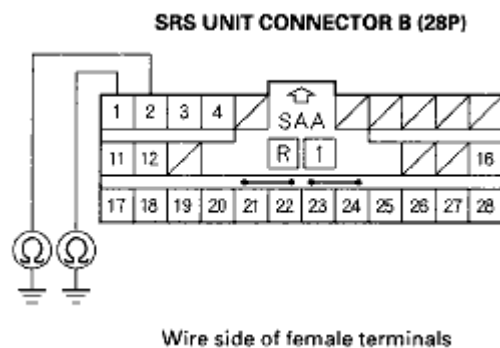


Fig. 79: Measuring Resistance Between No. 1 Terminal Of SRS Unit Connector B (28P) And Body Ground**Courtesy of AMERICAN HONDA MOTOR CO., INC.***Is the resistance as specified?***YES** -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).**NO** -Short to ground in the floor wire harness; replace the floor wire harness.**DTC 22-1X ("X" CAN BE 0 THRU 9 OR A THRU F): OPEN IN FRONT PASSENGER'S SEAT BELT TENSIONER****Special Tools Required**

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

*Does the SRS indicator stay on, and is DTC 22-1x indicated?***YES** -Go to step 3.**NO** -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the floor wire harness 4P connector (A) from the front passenger's seat belt tensioner.

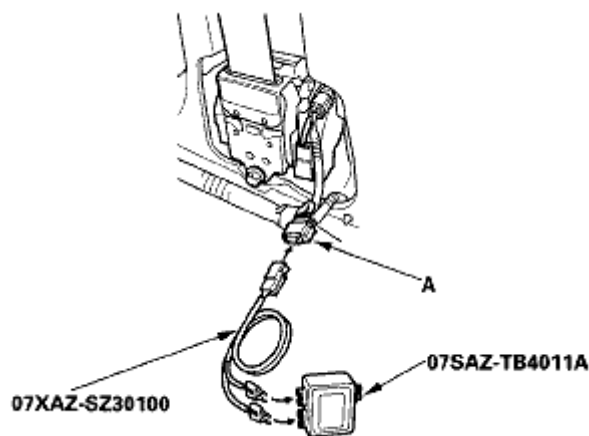


Fig. 80: Identifying Floor Wire Harness 4P Connector And Front Passenger's Seat Belt Tensioner

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 22-1x indicated?

YES -Go to step 9.

NO -Open in the front passenger's seat belt tensioner; replace the front passenger's seat belt (see **FRONT SEAT BELT REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect the driver's seat belt tensioner 4P connector (see step 6 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
12. Measure the resistance between the No. 3 and the No. 4 terminals of SRS unit connector B (28P). There should be 2.0-3.0 ohms.

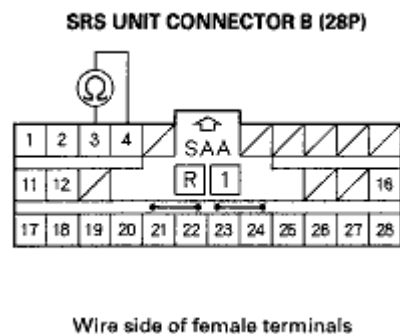


Fig. 81: Measuring Resistance Between No. 3 And 4 Terminals Of SRS Unit Connector B (28P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Open in the floor wire harness; replace the floor wire harness.

DTC 22-3X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO ANOTHER WIRE OR DECREASED RESISTANCE IN FRONT PASSENGER'S SEAT BELT TENSIONER

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

NOTE: Before doing this troubleshooting procedure, review **SRS Precautions and Procedures** (see **PRECAUTIONS AND PROCEDURES**) and **General Troubleshooting Information** (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 22-3x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the floor wire harness 4P connector (A) from the front passenger's seat belt tensioner.

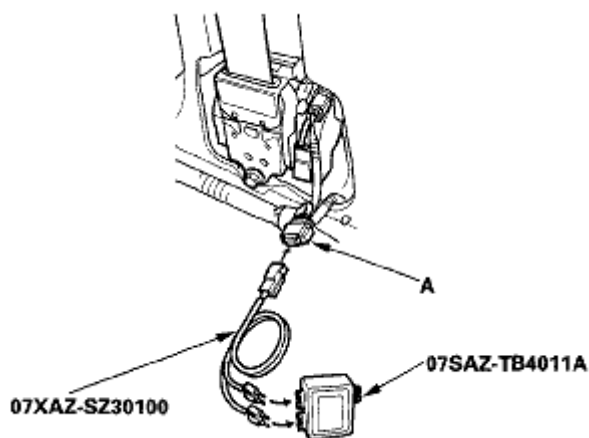
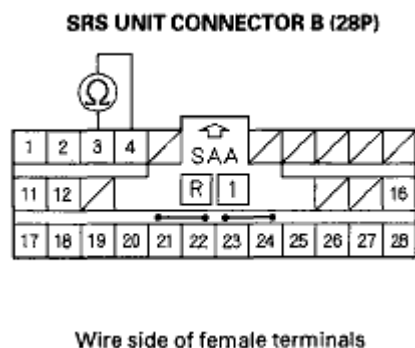


Fig. 82: Identifying Floor Wire Harness 4P Connector (A) And Front Passenger's Seat Belt Tensioner**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

*Is DTC 22-3x indicated?***YES** -Go to step 9.**NO** -Short in the front passenger's seat belt tensioner; replace the front passenger's seat belt (see **FRONT SEAT BELT REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect the driver's seat belt tensioner 4P connector (see step 6 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
12. Disconnect the simulator lead from the floor wire harness.
13. Measure the resistance between the No. 3 and the No. 4 terminals of SRS unit connector B (28P). There should be an open circuit or at least 1 Mohms.

**Fig. 83: Measuring Resistance Between No. 3 And No. 4 Terminals Of SRS Unit Connector B (28P)****Courtesy of AMERICAN HONDA MOTOR CO., INC.***Is the resistance as specified?***YES** -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).**NO** -Short in the floor wire harness; replace the floor wire harness.

PASSENGER'S SEAT BELT TENSIONER

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 22-8x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the floor wire harness 4P connector (A) from the front passenger's seat belt tensioner.

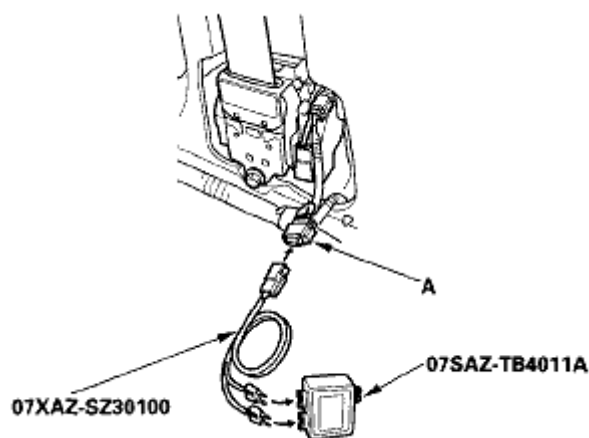


Fig. 84: Identifying Floor Wire Harness 4P Connector And Front Passenger's Seat Belt Tensioner

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 22-8x indicated?

YES -Go to step 9.

NO -Short to power in the front passenger's seat belt tensioner; replace the front passenger's seat belt (see **FRONT SEAT BELT REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect the driver's seat belt tensioner 4P connector (see step 6 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
12. Disconnect the simulator lead from the floor wire harness.
13. Reconnect the negative cable to the battery.
14. Turn the ignition switch ON (II).
15. Measure the voltage between the No. 3 terminal of SRS unit connector B (28P) and body ground, and between the No. 4 terminal and body ground. There should be 0.5 V or less.

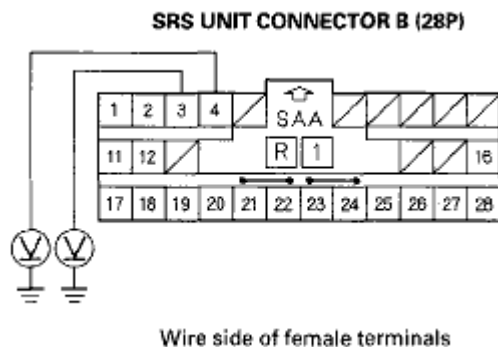


Fig. 85: Measuring Voltage Between No. 3 Terminal Of SRS Unit Connector B (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the voltage as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to power in the floor wire harness; replace the floor wire harness.

DTC 22-9X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO GROUND IN FRONT PASSENGER'S SEAT BELT TENSIONER

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead F 07XAZ-SZ30100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and

Procedures (see PRECAUTIONS AND PROCEDURES) and General Troubleshooting Information (see GENERAL TROUBLESHOOTING INFORMATION).

1. Clear the DTC memory, (see CLEAR THE DTC MEMORY WITH THE HDS).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 22-9x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to TROUBLESHOOTING INTERMITTENT FAILURES . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the floor wire harness 4P connector (A) from the front passenger's seat belt tensioner.

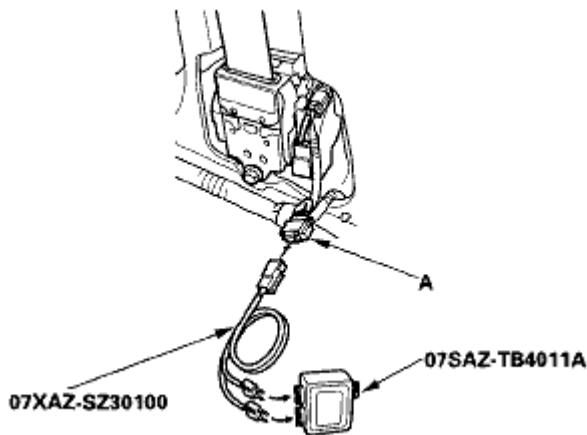


Fig. 86: Identifying Floor Wire Harness 4P Connector (A) And Front Passenger's Seat Belt Tensioner

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connectors) and simulator lead F to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see READING THE DTC).

Is DTC 22-9x indicated?

YES -Go to step 9.

NO -Short to ground in the front passenger's seat belt tensioner; replace the front passenger's seat belt (see FRONT SEAT BELT REPLACEMENT).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.

10. Disconnect the driver's seat belt tensioner 4P connector (see step 6 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
12. Disconnect the simulator lead from the floor wire harness.
13. Measure the resistance between the No. 3 terminal of SRS unit connector B (28P) and body ground, and between the No. 4 terminal and body ground. There should be an open circuit or at least 1 Mohms.

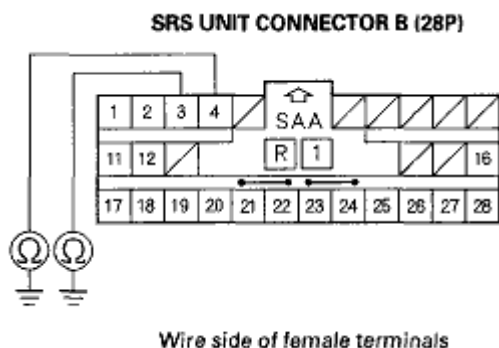


Fig. 87: Measuring Resistance Between No. 3 Terminal Of SRS Unit Connector B (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to ground in the floor wire harness; replace the floor wire harness.

DTC 31-1X (31-10 TO 31-19,31-1A TO 31-1F): OPEN IN DRIVER'S SIDE AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 31-1x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the driver's side airbag (B).

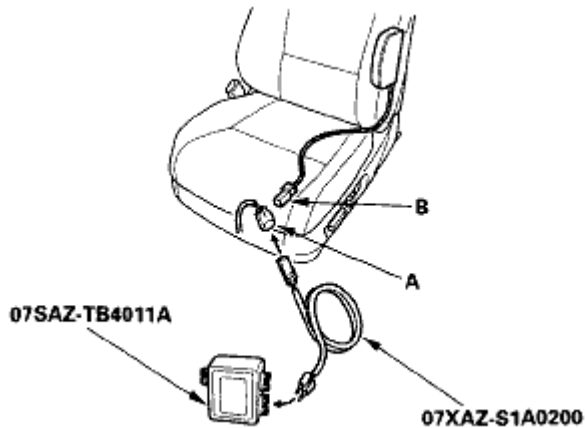


Fig. 88: Identifying Floor Wire Harness 2P Connector And Driver's Side Airbag
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 31-1x indicated?

YES -Go to step 9.

NO -Open in the driver's side airbag inflator; replace the driver's side airbag (see **SIDE AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
12. Measure the resistance between the terminals of the SRS simulator lead. There should be 1.0 ohms or less.

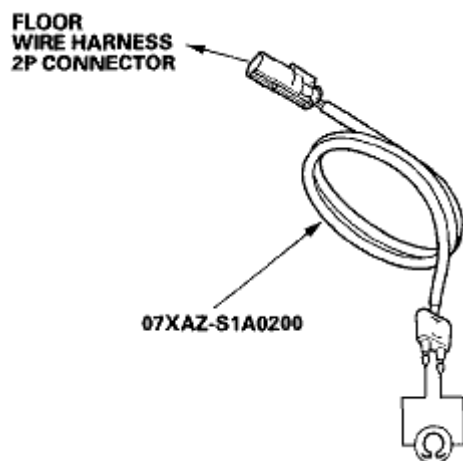


Fig. 89: Measuring Resistance Between Terminals Of SRS Simulator Lead
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Open in the floor wire harness; replace the floor wire harness.

DTC 31-3X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO ANOTHER WIRE OR DECREASED RESISTANCE IN DRIVER'S SIDE AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200
- SRS short canceller 070AZ-SAA0100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 31-3x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.

4. Disconnect the floor wire harness 2P connector (A) from the driver's side airbag (B).

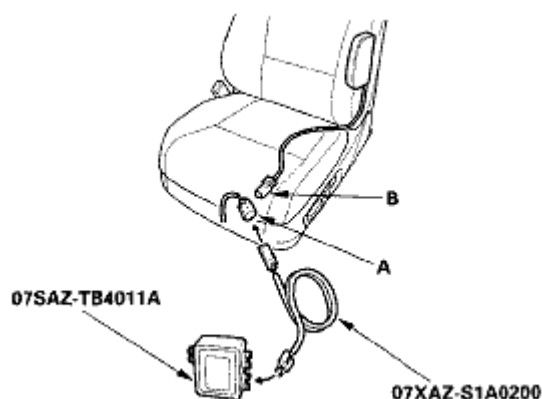


Fig. 90: Identifying Floor Wire Harness 2P Connector And Driver's Side Airbag (B)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 31-3x indicated?

YES -Go to step 9.

NO -Short to another wire in the driver's side airbag inflator; replace the driver's side airbag (see **SIDE AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
12. Connect the SRS short canceller (070AZ-SAA0100) to the No. 1 and No. 2 terminals of SRS unit connector B (28P) (see **OPENING THE SRS UNIT SHORTING CONNECTORS FOR DIAGNOSIS**).
13. Measure the resistance between the terminals of the SRS simulator lead. There should be an open circuit (ohmmeter reads OL) or at least 1 Mohms.

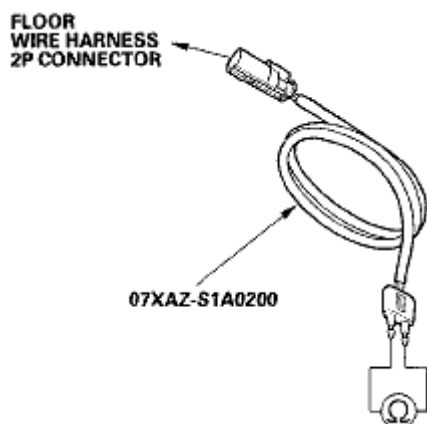


Fig. 91: Measuring Resistance Between Terminals Of SRS Simulator Lead
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short in the floor wire harness; replace the floor wire harness.

DTC 31-8X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO POWER IN DRIVER'S SIDE AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 31-8x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the driver's side airbag (B).

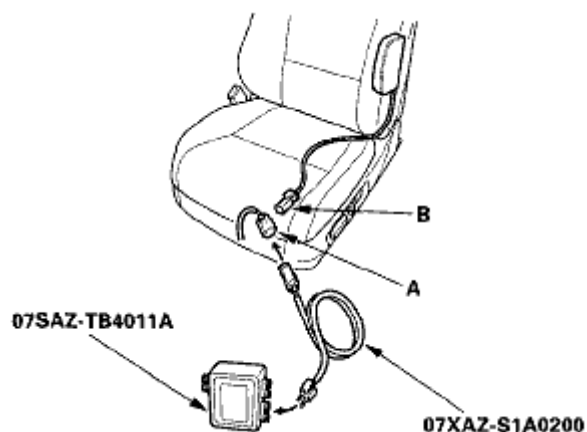


Fig. 92: Identifying Floor Wire Harness 2P Connector (A) And Driver's Side Airbag (B)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 31-8x indicated?

YES -Go to step 9.

NO -Short to power in the driver's side airbag inflator; replace the driver's side airbag (see **SIDE AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
12. Reconnect the negative cable to the battery.
13. Turn the ignition switch ON (II).
14. Measure the voltage between each terminal of the SRS simulator lead and body ground. There should be 0.5 V or less.

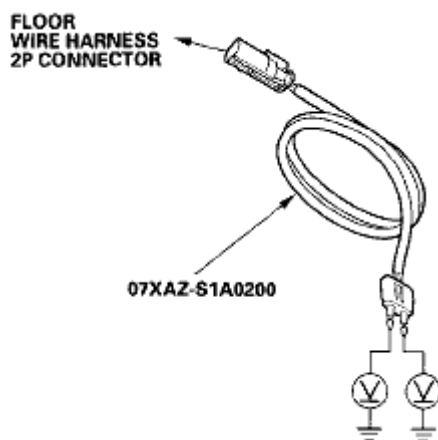


Fig. 93: Measuring Voltage Between Terminal Of SRS Lead And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the voltage as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to power in the floor wire harness; replace the floor wire harness.

DTC 31-9X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO GROUND IN DRIVER'S SIDE AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 31-9x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the driver's side airbag (B).

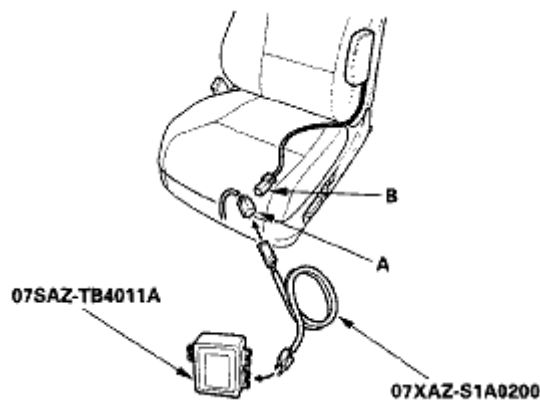


Fig. 94: Identifying Floor Wire Harness 2P Connector (A) And Driver's Side Airbag (B)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 31-9x indicated?

YES -Go to step 9.

NO -Short to ground in the driver's side airbag inflator; replace the driver's side airbag (see **SIDE AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
12. Measure the resistance between each terminal of the SRS simulator lead and body ground. There should be an open circuit (ohmmeter reads OL) or at least 1 Mohms.

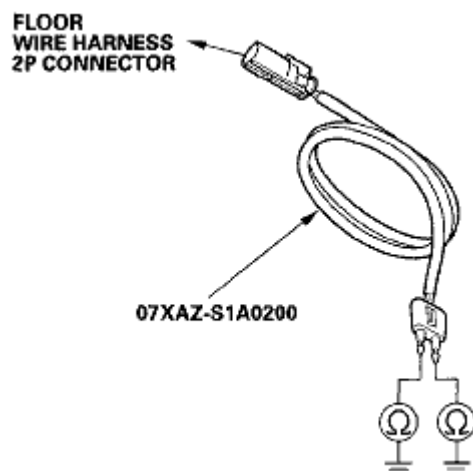


Fig. 95: Measuring Resistance Between Terminal Of SRS Simulator Lead And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to ground in the floor wire harness; replace the floor wire harness.

DTC 32-1X ("X" CAN BE 0 THRU 9 OR A THRU F): OPEN IN FRONT PASSENGER'S SIDE AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 32-1 x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the front passenger's side airbag (B).

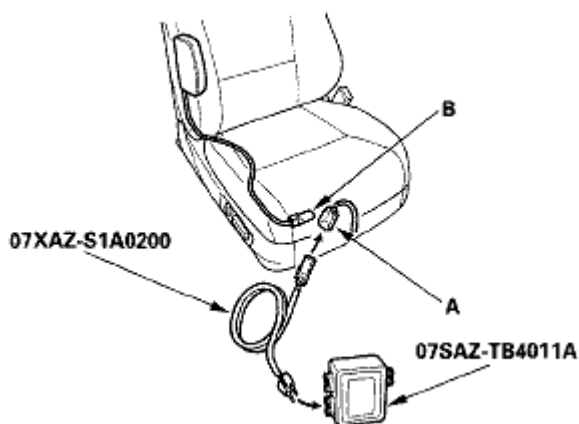


Fig. 96: Identifying Floor Wire Harness 2P Connector (A) And Front Passenger's Side Airbag (B)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 32-1x indicated?

YES -Go to step 9.

NO -Open in the front passenger's side airbag inflator; replace the front passenger's side airbag (see **SIDE AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
12. Measure the resistance between the terminals of the SRS simulator lead. There should be 1.0 ohms or less.

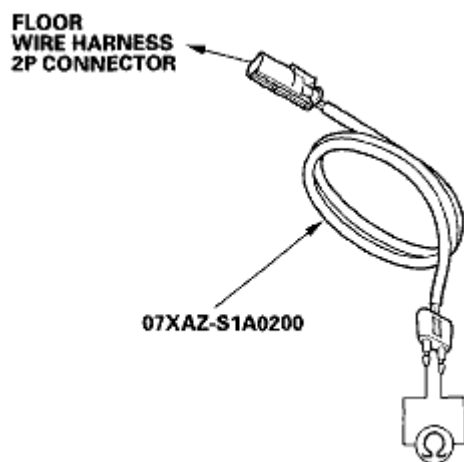


Fig. 97: Measuring Resistance Between Terminals Of SRS Simulator Lead

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Open in the floor wire harness; replace the floor wire harness.

DTC 32-3X ("K" CAN BE 0 THRU 9 OR A THRU F): SHORT TO ANOTHER WIRE OR

DECREASED RESISTANCE IN FRONT PASSENGER'S SIDE AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200
- SRS short canceller 070AZ-SAA0100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see PRECAUTIONS AND PROCEDURES) and General Troubleshooting Information (see GENERAL TROUBLESHOOTING INFORMATION).

1. Clear the DTC memory, (see CLEAR THE DTC MEMORY WITH THE HDS).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off. r

Does the SRS indicator stay on, and is DTC 32-3x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to TROUBLESHOOTING INTERMITTENT FAILURES . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the front passenger's side airbag (B).

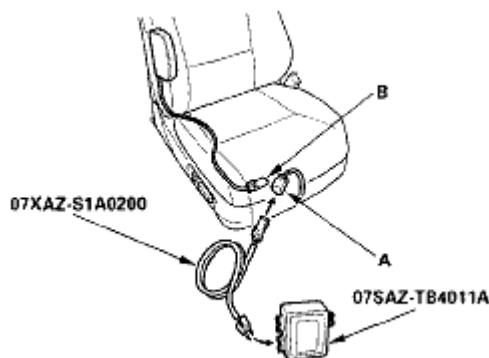


Fig. 98: Identifying Floor Wire Harness 2P Connector (A) And Front Passenger's Side Airbag (B)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see READING THE DTC).

Is DTC 32-3x indicated?

YES -Go to step 9.

NO -Short to another wire in the front passenger's side airbag inflator; replace the front passenger's side airbag (see **SIDE AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
12. Connect the SRS short canceller (070AZ-SAA0100) to the No. 23 and No. 24 terminals of SRS unit connector B (28P) (see **OPENING THE SRS UNIT SHORTING CONNECTORS FOR DIAGNOSIS**).
13. Measure the resistance between the terminals of the SRS simulator lead. There should be an open circuit (ohmmeter reads OL) or at least 1 Mohms.

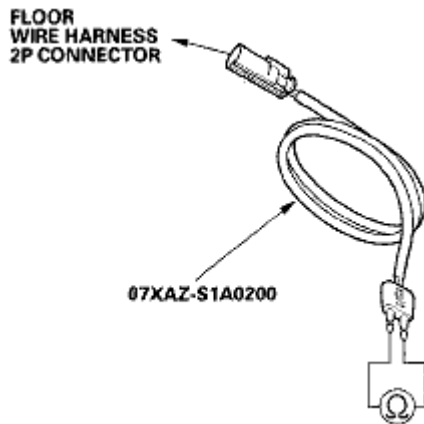


Fig. 99: Measuring Resistance Between Terminals Of SRS Simulator Lead
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short in the floor wire harness; replace the floor wire harness.

DTC 32-8X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO POWER IN FRONT PASSENGER'S SIDE AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General

Troubleshooting Information (see GENERAL TROUBLESHOOTING INFORMATION).

1. Clear the DTC memory, (see CLEAR THE DTC MEMORY WITH THE HDS).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 32-8x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to TROUBLESHOOTING INTERMITTENT FAILURES . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the front passenger's side airbag (B).

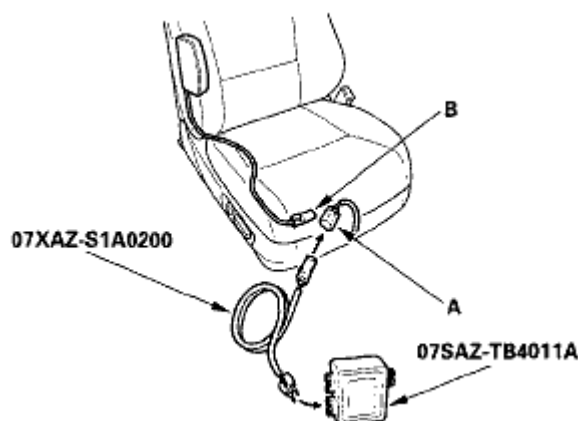


Fig. 100: Identifying Floor Wire Harness 2P Connector (A) And Front Passenger's Side Airbag (B)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see READING THE DTC).

Is DTC 32-8x indicated?

YES -Go to step 9.

NO -Short to power in the front passenger's side airbag inflator; replace the front passenger's side airbag (see SIDE AIRBAG REPLACEMENT).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on DISCONNECTING SYSTEM CONNECTORS).

11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
12. Reconnect the negative cable to the battery.
13. Turn the ignition switch ON (II).
14. Measure the voltage between each terminal of the SRS simulator lead and body ground. There should be 0.5 V or less.

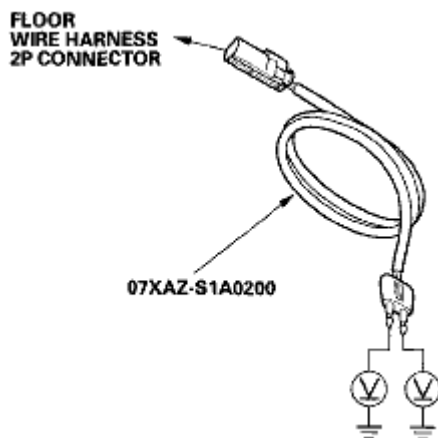


Fig. 101: Measuring Voltage Between Terminal Of SRS Simulator Lead And Body Ground
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the voltage as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to power in the floor wire harness; replace the floor wire harness.

DTC 32-9X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO GROUND IN FRONT PASSENGER'S SIDE AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 32-9x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the front passenger's side airbag (B).

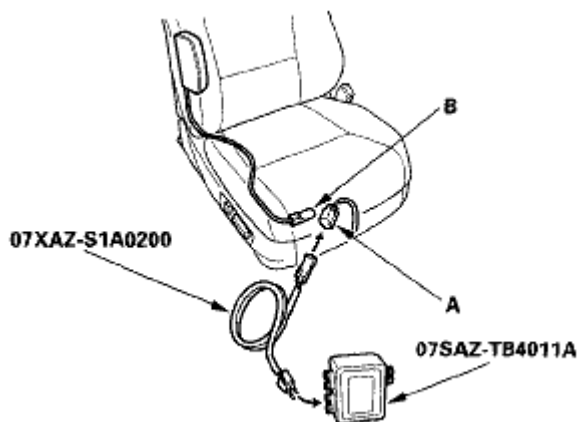


Fig. 102: Identifying Floor Wire Harness 2P Connector (A) And Front Passenger's Side Airbag (B)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 32-9x indicated?

YES -Go to step 9.

NO -Short to ground in the front passenger's side airbag inflator; replace the front passenger's side airbag (see **SIDE AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
12. Measure the resistance between each terminal of the SRS simulator lead and body ground. There should be an open circuit (ohmmeter reads OL) or at least 1 Mohms.

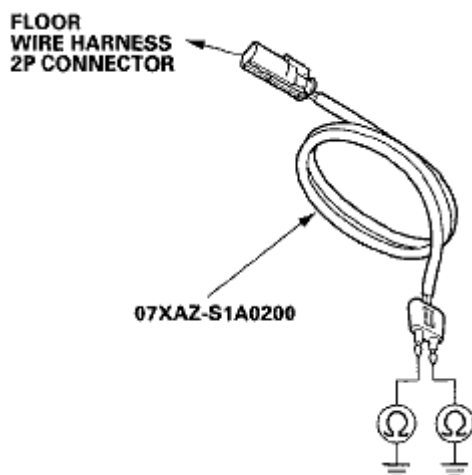


Fig. 103: Measuring Resistance Between Terminal Of SRS Simulator Lead And Body Ground
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to ground in the floor wire harness; replace the floor wire harness.

DTC 33-1X ("X" CAN BE 0 THRU 9 OR A THRU F): OPEN IN LEFT SIDE CURTAIN AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 33-1x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.

4. Disconnect the side curtain airbag harness 2P connector (A) from the left side curtain airbag connector (B).

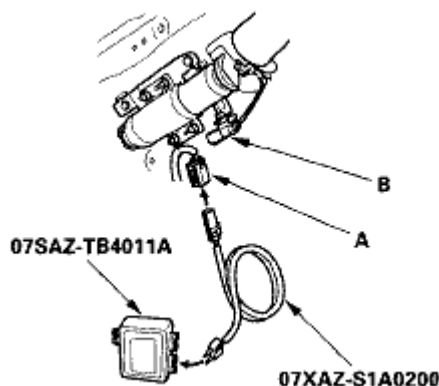


Fig. 104: Identifying Side Curtain Airbag Harness 2P Connector (A) And Left Side Curtain Airbag Connector (B)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the side curtain airbag harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 33-1x indicated?

YES -Go to step 9.

NO -Open in the left side curtain airbag; replace the left side curtain airbag (see **SIDE CURTAIN AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector C (16P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the side curtain airbag harness 2P connector.
12. Measure the resistance between the terminals of the SRS simulator lead. There should be 1.0 ohms or less.

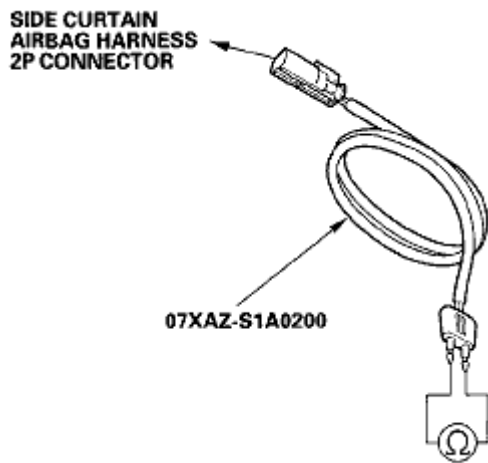


Fig. 105: Measuring Resistance Between Terminals Of SRS Simulator Lead
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector C (16P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Open in the side curtain airbag harness; replace the side curtain airbag harness.

DTC 33-3X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO ANOTHER WIRE OR DECREASED RESISTANCE IN LEFT SIDE CURTAIN AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200
- SRS short canceller 070AZ-SAA0100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 33-3x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.

4. Disconnect the side curtain airbag harness 2P connector (A) from the left side curtain airbag connector (B).

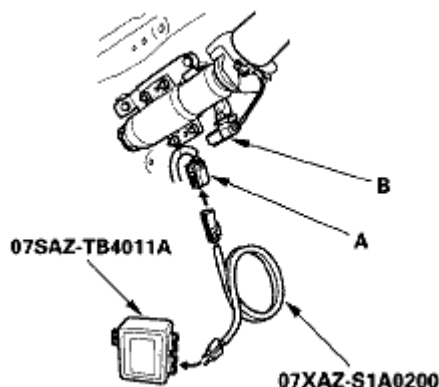


Fig. 106: Identifying Side Curtain Airbag Harness 2P Connector (A) And Left Side Curtain Airbag Connector (B)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the side curtain airbag harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 33-3x indicated?

YES -Go to step 9.

NO -Short to another wire in the left side curtain airbag inflator; replace the left side curtain airbag (see **SIDE CURTAIN AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector C (16P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the side curtain airbag harness 2P connector.
12. Connect the SRS short canceller (070AZ-SAA0100) to the No. 11 and No. 12 terminals of SRS unit connector C (16P) (see **OPENING THE SRS UNIT SHORTING CONNECTORS FOR DIAGNOSIS**).
13. Measure the resistance between the terminals of the SRS simulator lead. There should be an open circuit (ohmmeter reads OL) or at least 1 Mohms.

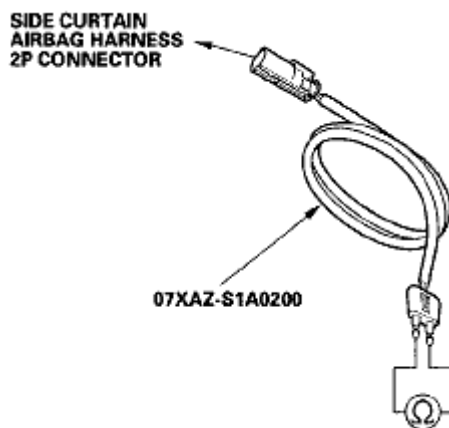


Fig. 107: Measuring Resistance Between Terminals Of SRS Simulator Lead
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector C (16P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to another wire in the side curtain airbag harness; replace the side curtain airbag harness.

DTC 33-8X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO POWER IN LEFT SIDE CURTAIN AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 33-8x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the side curtain airbag harness 2P connector (A) from the left side curtain airbag connector (B).

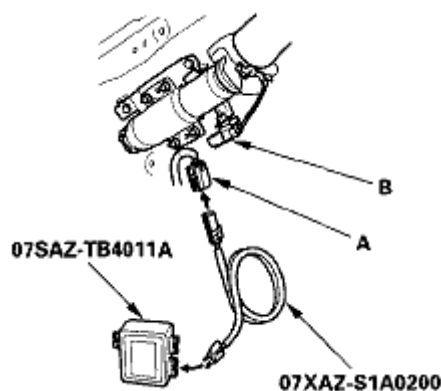


Fig. 108: Identifying Side Curtain Airbag Harness 2P Connector (A) And Left Side Curtain Airbag Connector (B)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the side curtain airbag harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 33-8x indicated?

YES -Go to step 9.

NO -Short to power in the left side curtain airbag inflator; replace the left side curtain airbag (see **SIDE CURTAIN AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector C (16P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the side curtain airbag harness 2P connector.
12. Reconnect the negative cable to the battery.
13. Turn the ignition switch ON (II).
14. Measure the for voltage between each terminal of the SRS simulator lead and body ground. There should be 0.5 V or less.

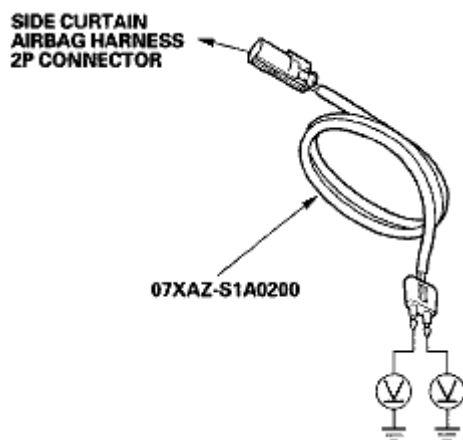


Fig. 109: Measuring For Voltage Between Terminal Of SRS Simulator Lead And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the voltage as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector C (16P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to power in the side curtain airbag harness; replace the side curtain airbag harness.

DTC 33-9X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO GROUND IN LEFT SIDE CURTAIN AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 33-9x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the side curtain airbag harness 2P connector (A) from the left side curtain airbag connector

(B).

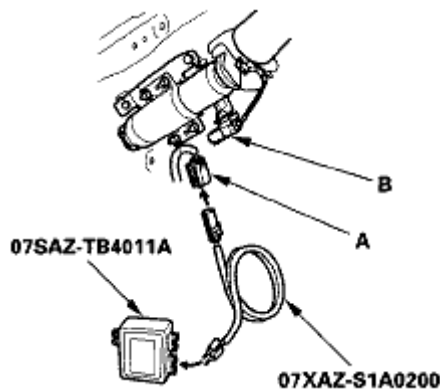


Fig. 110: Identifying Side Curtain Airbag Harness 2P Connector (A) And Left Side Curtain Airbag Connector (B)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the side curtain airbag harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 33-9x indicated?

YES -Go to step 9.

NO -Short to ground in the left side curtain airbag inflator; replace the left side curtain airbag (see **SIDE CURTAIN AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector C (16P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the side curtain airbag harness 2P connector.
12. Measure the resistance between each terminal of the SRS simulator lead and body ground. There should be an open circuit (ohmmeter reads OL) or at least 1 Mohms.

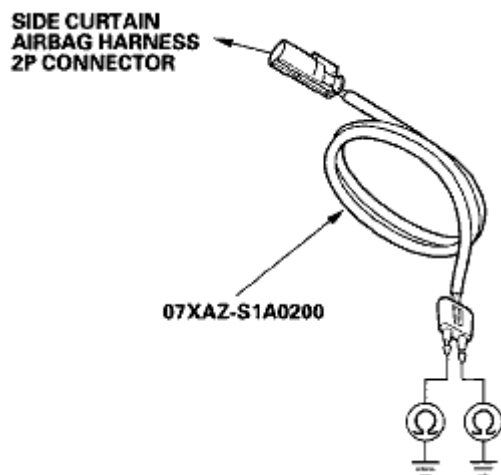


Fig. 111: Measuring Resistance Between Terminal Of SRS Simulator Lead And Body Ground
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector C (16P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to ground in the side curtain airbag harness; replace the side curtain airbag harness.

DTC 34-1X ("X" CAN BE 0 THRU 9 OR A THRU F): OPEN IN RIGHT SIDE CURTAIN AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 34-1x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.

4. Disconnect the side curtain airbag harness 2P connector (A) from the right side curtain airbag connector (B).

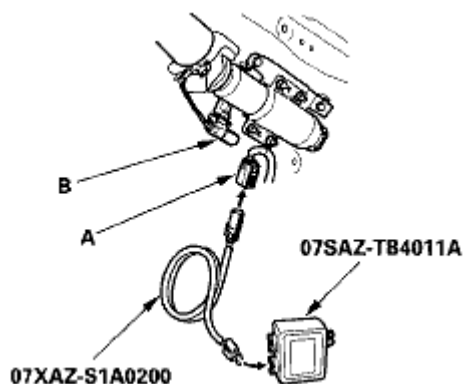


Fig. 112: Identifying Side Curtain Airbag Harness 2P Connector (A) And Right Side Curtain Airbag Connector (B)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the side curtain airbag harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 34-1x indicated?

YES -Go to step 9.

NO -Open in the right side curtain airbag inflator, replace the right side curtain airbag (see **SIDE CURTAIN AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector C (16P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the side curtain airbag harness 2P connector.
12. Measure the resistance between the terminals of the SRS simulator lead. There should be 1.0 ohms or less.

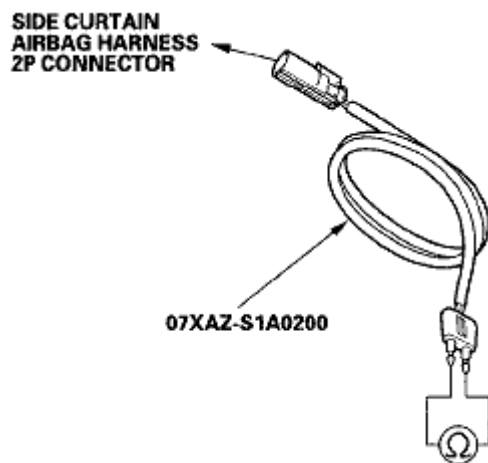


Fig. 113: Measuring Resistance Between Terminals Of SRS Simulator Lead
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector C (16P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Open in the side curtain airbag harness; replace the side curtain airbag harness.

DTC 34-3X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO ANOTHER WIRE OR DECREASED RESISTANCE IN RIGHT SIDE CURTAIN AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200
- SRS short canceller 070AZ-SAA0100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 34-3x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.

4. Disconnect the side curtain airbag harness 2P connector (A) from the right side curtain airbag connector (B).

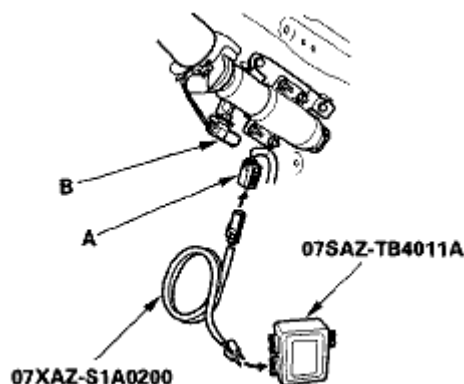


Fig. 114: Identifying Side Curtain Airbag Harness 2P Connector (A) And Right Side Curtain Airbag Connector (B)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the side curtain airbag harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 34-3x indicated?

YES -Go to step 9.

NO -Short to another wire in the right side curtain airbag inflator; replace the right side curtain airbag (see **SIDE CURTAIN AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector C (16P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the side curtain airbag harness 2P connector.
12. Connect the SRS short canceller (070AZ-SAA0100) to the No. 13 and No. 14 terminals of SRS unit connector C (16P) (see **OPENING THE SRS UNIT SHORTING CONNECTORS FOR DIAGNOSIS**).
13. Measure the resistance between the terminals of the SRS simulator lead. There should be an open circuit (ohmmeter reads OL) or at least 1 Mohms.

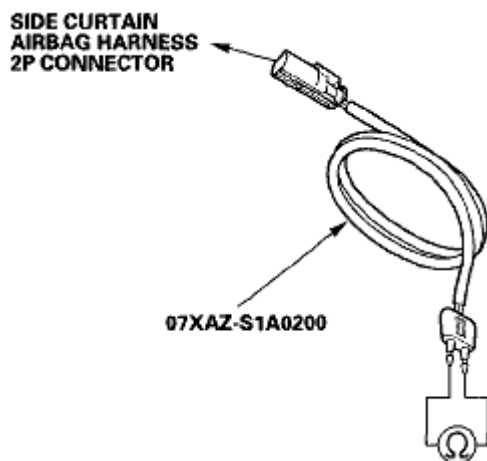


Fig. 115: Measuring Resistance Between Terminals Of SRS Simulator Lead
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector C (16P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short in the side curtain airbag harness; replace the side curtain airbag harness.

DTC 34-8X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO POWER IN RIGHT SIDE CURTAIN AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 34-8x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the side curtain airbag harness 2P connector (A) from the right side curtain airbag

connector (B).

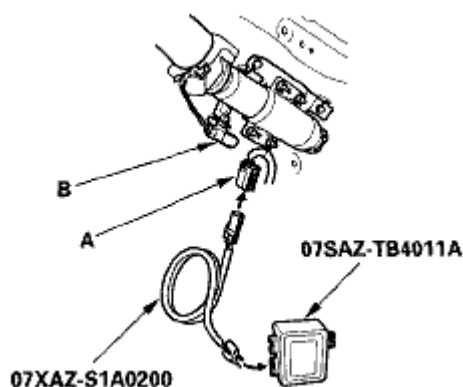


Fig. 116: Identifying Side Curtain Airbag Harness 2P Connector (A) And Right Side Curtain Airbag Connector (B)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the side curtain airbag harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 34-8x indicated?

YES -Go to step 9.

NO -Short to power in the right side curtain airbag inflator; replace the right side curtain airbag (see **SIDE CURTAIN AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector C (16P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the side curtain airbag harness 2P connector.
12. Reconnect the negative cable to the battery.
13. Turn the ignition switch ON (II).
14. Measure the voltage between each terminal of the SRS simulator lead and body ground. There should be 0.5 V or less.

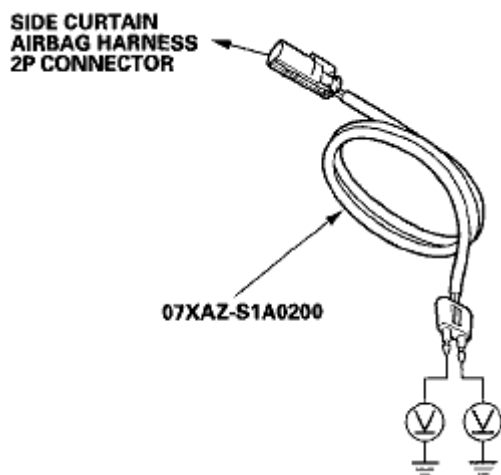


Fig. 117: Measuring Voltage Between Terminal Of SRS Simulator Lead And Body Ground
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the voltage as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector C (16P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to power in the side curtain airbag harness; replace the side curtain airbag harness.

DTC 34-9X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT TO GROUND IN RIGHT SIDE CURTAIN AIRBAG INFLATOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead E 07XAZ-S1A0200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 34-9x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.

4. Disconnect the side curtain airbag harness 2P connector (A) from the right side curtain airbag connector (B).

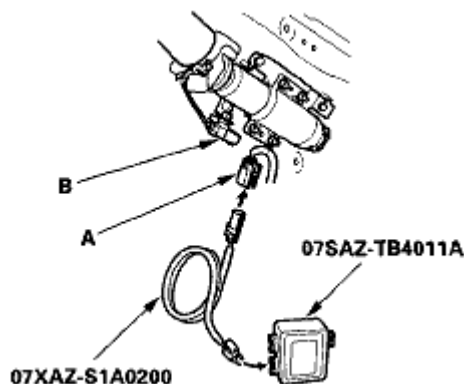


Fig. 118: Identifying Side Curtain Airbag Harness 2P Connector (A) From Right Side Curtain Airbag Connector (B)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Connect the SRS inflator simulator (2 ohms connector) and simulator lead E to the side curtain airbag harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see **READING THE DTC**).

Is DTC 34-9x indicated?

YES -Go to step 9.

NO -Short to ground in the right side curtain airbag inflator; replace the right side curtain airbag (see **SIDE CURTAIN AIRBAG REPLACEMENT**).

9. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
10. Disconnect SRS unit connector C (16P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the side curtain airbag harness 2P connector.
12. Measure the resistance between each terminal of the SRS simulator lead and body ground. There should be an open circuit (ohmmeter reads OL) or at least 1 Mohms.

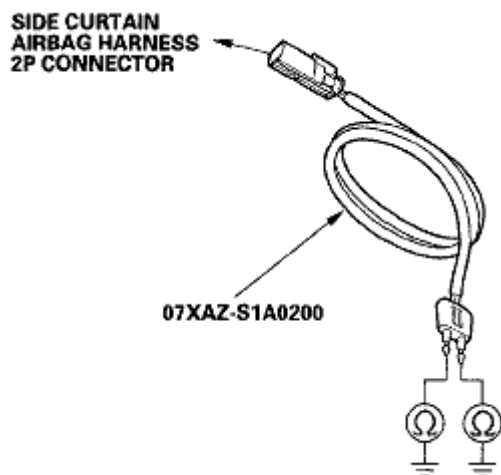


Fig. 119: Measuring Resistance Between Terminal Of SRS Simulator Lead And Body Ground
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty SRS unit or poor connection at SRS unit connector C (16P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to ground in the side curtain airbag harness; replace the side curtain airbag harness.

DTC 41-1X ("X" CAN BE 0 THRU 9 OR A THRU F): NO SIGNAL FROM THE LEFT FRONT IMPACT SENSOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead H 07YAZ-S3AA100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 41-1x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF.

4. Disconnect the negative cable from the battery, then wait for 3 minutes.
5. Check the connections between SRS unit connector A (28P) and the SRS unit, between the engine compartment wire harness 2P connector and the left front impact sensor (see **COMPONENT LOCATION INDEX**), and at connector C304 (see **DASHBOARD WIRE HARNESS (LEFT BRANCH)**).

Are the connections OK?

YES -Go to step 6.

NO -Repair the poor connections and retest. If DTC 41-1x is still present, go to step 6.

6. Disconnect the engine compartment wire harness 2P connector (A) from the left front impact sensor.

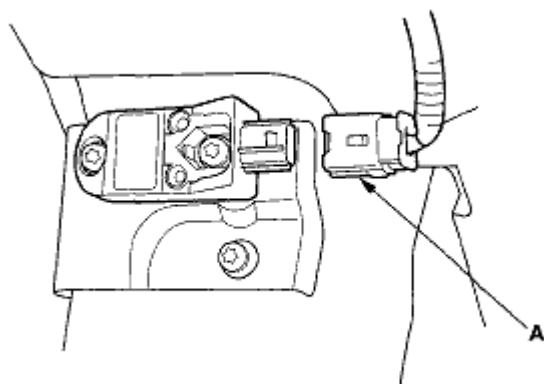


Fig. 120: Identifying Engine Compartment Wire Harness 2P Connector And Left Front Impact Sensor

Courtesy of AMERICAN HONDA MOTOR CO., INC.

7. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
8. Measure the resistance between the No. 15 and No. 27 terminals of SRS unit connector A (28P). There should be an open circuit or at least 1 Mohms.

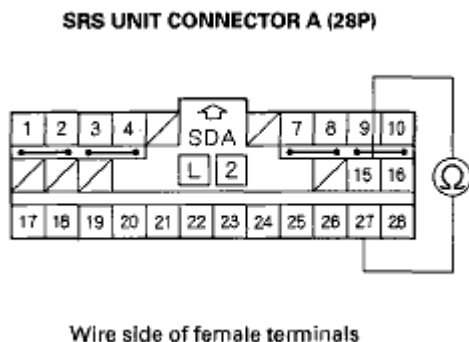


Fig. 121: Measuring Resistance Between No. 15 And No. 27 Terminals Of SRS Unit Connector A (28P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 9.

NO -Short in the engine compartment wire harness or dashboard wire harness; replace the faulty harness.

9. Measure the resistance between the No. 15 terminal of SRS unit connector A (28P) and body ground, and between the No. 27 terminal and body ground. There should be an open circuit or at least 1 Mohms.

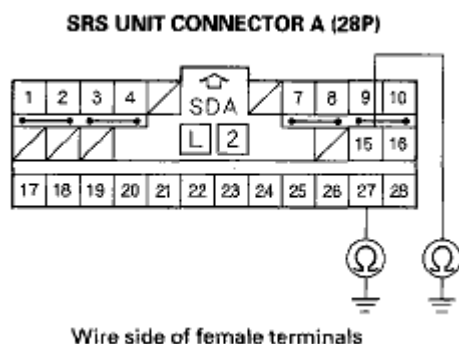


Fig. 122: Measuring Resistance Between No. 15 Terminal Of SRS Unit Connector A (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 10.

NO -Short to ground in the dashboard wire harness or the engine compartment wire harness; replace the faulty harness.

10. Reconnect the negative cable to the battery.
11. Turn the ignition switch ON (II).
12. Measure the voltage between the No. 15 terminal of SRS unit connector A (28P) and body ground, and between the No. 27 terminal and body ground. There should be 1 V or less.

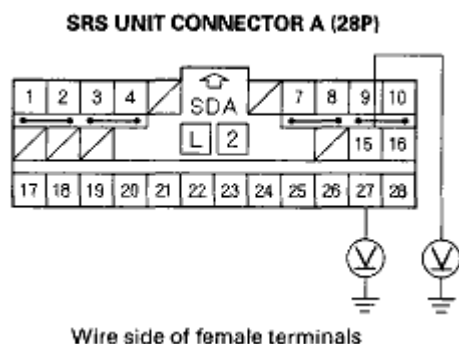


Fig. 123: Measuring Voltage Between No. 15 Terminal Of SRS Unit Connector A (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the voltage as specified?

YES -Go to step 13.

NO -Short to power in the engine compartment wire harness or the dashboard wire harness; replace the faulty harness.

13. Turn the ignition switch OFF.
14. Connect the SRS inflator simulator (jumper connector) and simulator lead H to the engine compartment wire harness 2P connector (A).

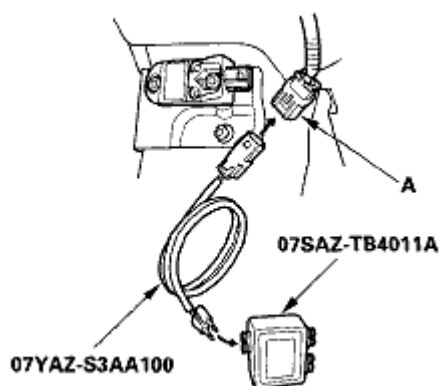


Fig. 124: Identifying Engine Compartment Wire Harness 2P Connector (A)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

15. Measure the resistance between the No. 15 and No. 27 terminals of SRS unit connector A (28P). There should be 0-1.0 ohms.

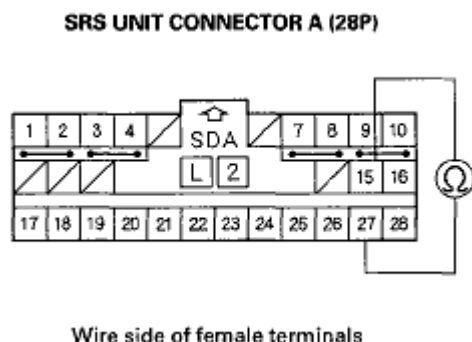


Fig. 125: Measuring Resistance Between No. 15 And No. 27 Terminals Of SRS Unit Connector A (28P)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty left front impact sensor or SRS unit; replace the left front impact sensor (see **FRONT IMPACT SENSOR REPLACEMENT**). If the problem is still present, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Poor connection at C304, open in engine compartment wire harness, or open in dashboard wire

harness. Inspect C304 (see **DASHBOARD WIRE HARNESS (LEFT BRANCH)**). If it is OK, replace the faulty harness.

DTC 42-1X ("X" CAN BE 0 THRU 9 OR A THRU F): NO SIGNAL FROM THE RIGHT FRONT IMPACT SENSOR

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead H 07YAZ-S3AA100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 42-1 x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF.
4. Disconnect the negative cable from the battery, then wait for 3 minutes.
5. Check the connections between SRS unit connector A (28P) and the SRS unit, between the engine compartment wire harness 2P connector and the right front impact sensor (see **COMPONENT LOCATION INDEX**), and at connector C304 (see **DASHBOARD WIRE HARNESS (LEFT BRANCH)**).

Are the connections OK?

YES -Go to step 6.

NO -Repair the poor connections and retest. If DTC 42-1x is still present, go to step 6.

6. Disconnect the engine compartment wire harness 2P connector (A) from the right front impact sensor.

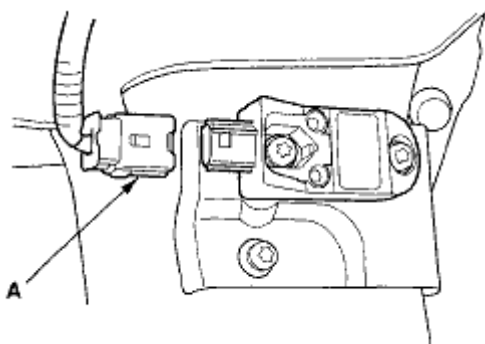
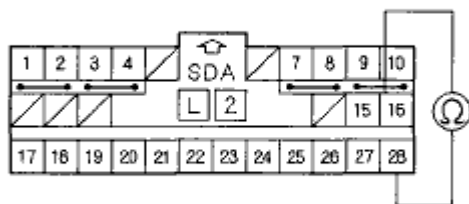


Fig. 126: Identifying Engine Compartment Wire Harness 2P Connector (A) And Right Front Impact Sensor

Courtesy of AMERICAN HONDA MOTOR CO., INC.

7. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
8. Measure the resistance between the No. 16 and No. 28 terminals of SRS unit connector A (28P). There should be an open circuit or at least 1 Mohms.

SRS UNIT CONNECTOR A (28P)



Wire side of female terminals

Fig. 127: Measuring Resistance Between No. 16 And No. 28 Terminals Of SRS Unit Connector A (28P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 9.

NO -Short in the engine compartment wire harness or dashboard wire harness; replace the faulty harness.

9. Measure the resistance between the No. 16 terminal of SRS unit connector A (28P) and body ground, and between the No. 28 terminal and body ground. There should be an open circuit or at least 1 Mohms.

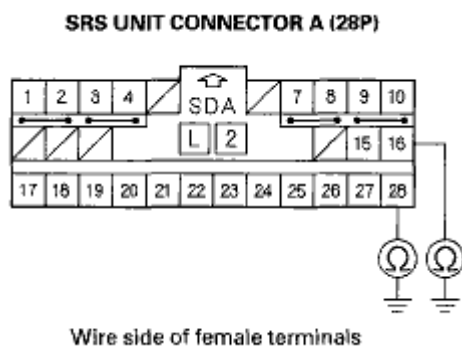


Fig. 128: Measuring Resistance Between No. 16 Terminal Of SRS Unit Connector A (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 10.

NO -Short to ground in the dashboard wire harness or the engine compartment wire harness; replace the faulty harness.

10. Reconnect the negative cable to the battery.
11. Turn the ignition switch ON (II).
12. Measure the voltage between the No. 16 terminal of SRS unit connector A (28P) and body ground, and between the No. 28 terminal and body ground. There should be 1 V or less.

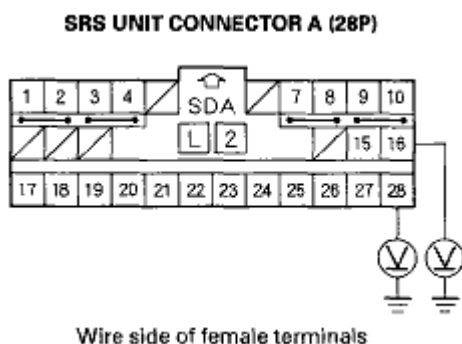


Fig. 129: Measuring Voltage Between No. 16 Terminal Of SRS Unit Connector A (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the voltage as specified?

YES -Go to step 13.

NO -Short to power in the engine compartment wire harness or dashboard wire harness; replace the faulty harness.

13. Turn the ignition switch OFF.
14. Connect the SRS inflator simulator (jumper connector) and simulator lead H to the engine

compartment wire harness 2P connector (A).

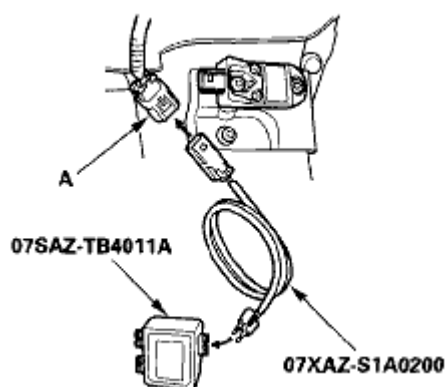


Fig. 130: Identifying Engine Compartment Wire Harness 2P Connector (A)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

15. Measure the resistance between the No. 16 and No. 28 terminals of SRS unit connector A (28P). There should be 0-1.0 ohms.

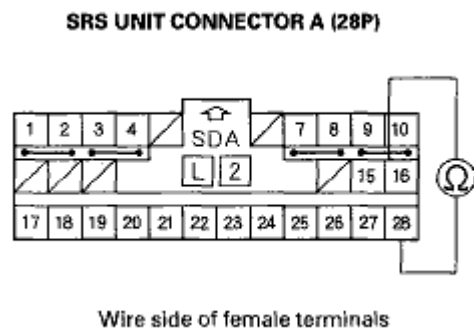


Fig. 131: Measuring Resistance Between No. 16 And No. 28 Terminals Of SRS Unit Connector A (28P)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty engine compartment wire harness or SRS unit; replace the right front impact sensor (see **FRONT IMPACT SENSOR REPLACEMENT**). If the problem is still present, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Poor connection at C304, open in engine compartment wire harness, or open in dashboard wire harness. Inspect C304 (see **DASHBOARD WIRE HARNESS (LEFT BRANCH)**). If it is OK, replace the faulty harness.

DTC 41-2X, 41-3X, 41-BX ("X" CAN BE 0 THRU 9 OR A THRU F): INTERNAL FAILURE OF THE LEFT FRONT IMPACT SENSOR

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 41-2x, 41-3x, or 41-Bx indicated?

YES -Replace the left front impact sensor (see **FRONT IMPACT SENSOR REPLACEMENT**). If the DTC returns, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

DTC 42-2X, 42-3X, 42-BX ("X" CAN BE 0 THRU 9 OR A THRU F): INTERNAL FAILURE OF THE RIGHT FRONT IMPACT SENSOR

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 42-2x, 42-3x, or 42-Bx indicated?

YES -Replace the right front impact sensor (see **FRONT IMPACT SENSOR REPLACEMENT**). If the DTC returns, replace the SRS unit (see **SRS UNIT REPLACEMENT**).H

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

DTC 43-1X ("X" CAN BE 0 THRU 9 OR A THRU F): NO SIGNAL FROM THE LEFT SIDE IMPACT SENSOR (FIRST)

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead H 07YAZ-S3AA100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 43-1x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Check the connection between the floor wire harness 2P connector and the left side impact sensor (first).

Is the connection OK?

YES -Go to step 5.

NO -Repair the poor connection and retest. If DTC 43-1x is still present, go to step 5.

5. Disconnect the floor wire harness 2P connector (A) from the left side impact sensor (first).

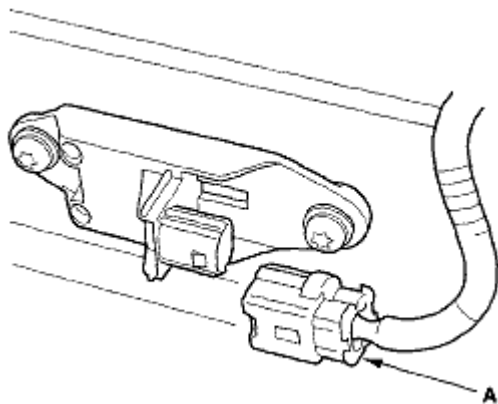


Fig. 132: Identifying Floor Wire Harness 2P Connector (A) And Left Side Impact Sensor (First)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
7. Measure the resistance between the No. 19 and No. 20 terminals of SRS unit connector B (28P). There should be an open circuit or at least 1 Mohms.

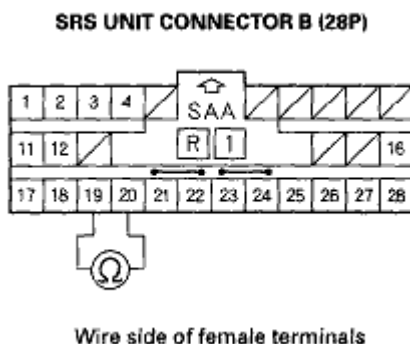


Fig. 133: Measuring Resistance Between No. 19 And No. 20 Terminals Of SRS Unit Connector B (28P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 8.

NO -Short in the floor wire harness; replace the floor wire harness.

8. Measure the resistance between the No. 19 terminal of SRS unit connector B (28P) and body ground, and between the No. 20 terminal and body ground. There should be an open circuit or at least 1 Mohms.

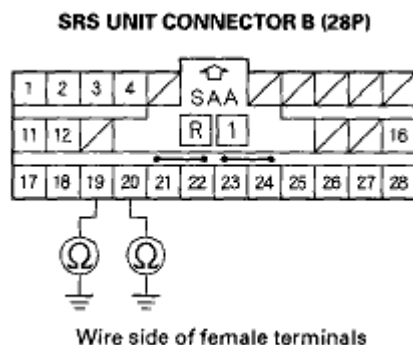


Fig. 134: Measuring Resistance Between No. 19 Terminal Of SRS Unit Connector B (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 9.

NO -Short to ground in the floor wire harness; replace the floor wire harness.

9. Reconnect the negative cable to the battery.
10. Turn the ignition switch ON (II).
11. Measure the for voltage between the No. 19 terminal of SRS unit connector B (28P) and body ground, and between the No. 20 terminal and body ground. There should be 1 V or less.

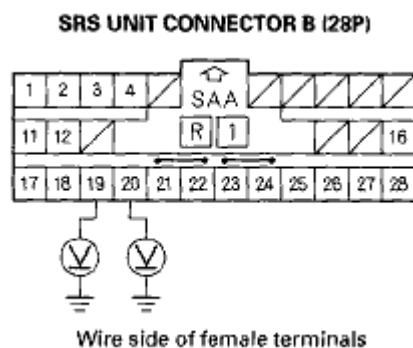


Fig. 135: Measuring Voltage Between No. 19 Terminal Of SRS Unit Connector B (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the voltage as specified?

YES -Go to step 12.

NO -Short to power in the floor wire harness; replace the floor wire harness.

12. Turn the ignition switch OFF.
13. Connect the SRS inflator simulator (jumper connector) and simulator lead H to the floor wire harness 2P connector (A).

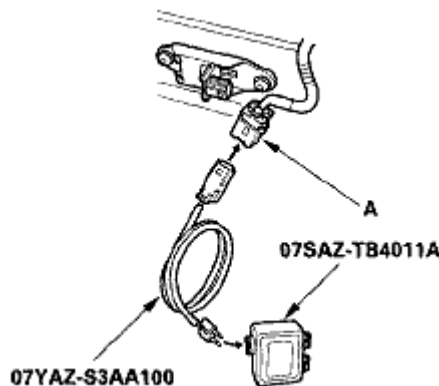


Fig. 136: Identifying SRS Inflator Simulator And Floor Wire Harness 2P Connector (A)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

14. Measure the resistance between the No. 19 and No. 20 terminals of SRS unit connector B (28P). There should be 1.0 ohms or less.

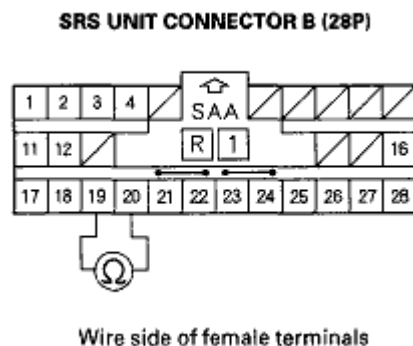


Fig. 137: Measuring Resistance Between No. 19 And No. 20 Terminals Of SRS Unit Connector B (28P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty left side impact sensor (first) or SRS unit; replace the left side impact sensor (first) (see **SIDE IMPACT SENSOR (FIRST) REPLACEMENT**). If the problem is still present, replace the

SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Open in the floor wire harness; replace the floor wire harness.

DTC 44-1X ("X" CAN BE 0 THRU 9 OR A THRU F): NO SIGNAL FROM THE RIGHT SIDE IMPACT SENSOR (FIRST)

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead H 07YAZ-S3AA100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 44-1x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Check the connection between the floor wire harness 2P connector and the right side impact sensor (first).

Is the connection OK?

YES -Go to step 5.

NO -Repair the poor connection and retest. If DTC 44-1x is still present, go to step 5.

5. Disconnect the floor wire harness 2P connector (A) from the right side impact sensor (first).

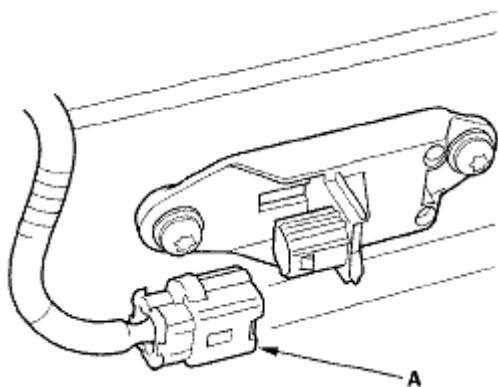


Fig. 138: Identifying Floor Wire Harness 2P Connector (A) And Right Side Impact Sensor (First)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
7. Measure the resistance between the No. 25 and No. 26 terminals of SRS unit connector B (28P). There should be an open circuit or at least 1 Mohms.

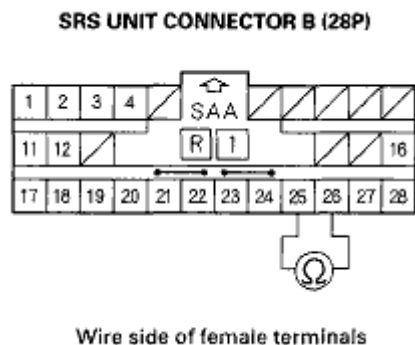


Fig. 139: Measuring Resistance Between No. 25 And No. 26 Terminals Of SRS Unit Connector B (28P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 8.

NO -Short in the floor wire harness; replace the floor wire harness.

8. Measure the resistance between the No. 25 terminal of SRS unit connector B (28P) and body ground, and between the No. 26 terminal and body ground. There should be an open circuit or at least 1 Mohms.

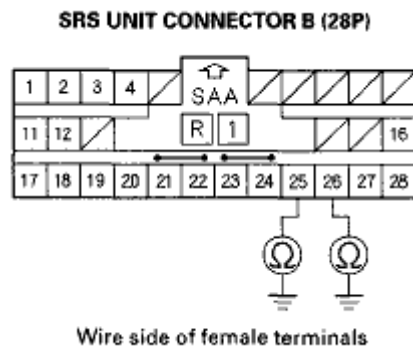


Fig. 140: Measuring Resistance Between No. 25 Terminal Of SRS Unit Connector B (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 9.

NO -Short to ground in the floor wire harness; replace the floor wire harness.

9. Reconnect the negative cable to the battery.
10. Turn the ignition switch ON (II).
11. Measure the for voltage between the No. 25 terminal of SRS unit connector B (28P) and body ground, and between the No. 26 terminal and body ground. There should be 1 V or less.

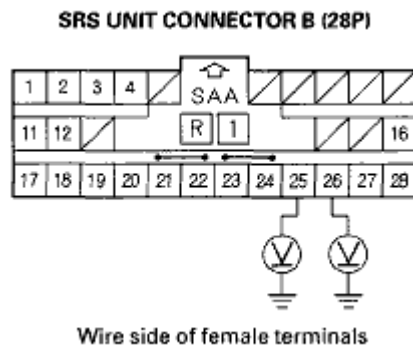


Fig. 141: Measuring Voltage Between No. 25 Terminal Of SRS Unit Connector B (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the voltage as specified?

YES -Go to step 12.

NO -Short to power in the floor wire harness; replace the floor wire harness.

12. Turn the ignition switch OFF.
13. Connect the SRS inflator simulator (jumper connector) and simulator lead H to the floor wire harness 2P connector (A).

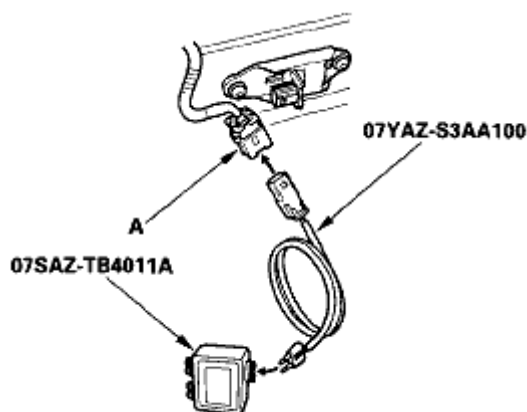


Fig. 142: Identifying SRS Inflator Simulator And Floor Wire Harness 2P Connector (A)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

14. Measure the resistance between the No. 25 and No. 26 terminals of SRS unit connector B (28P). There should be 1.0 ohms or less.

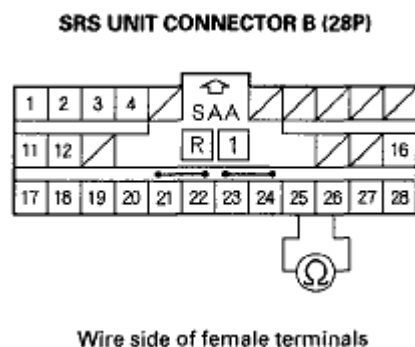


Fig. 143: Measuring Resistance Between No. 25 And No. 26 Terminals Of SRS Unit Connector B (28P)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty right side impact sensor (first) or SRS unit; replace the right side impact sensor (first) (see **SIDE IMPACT SENSOR (FIRST) REPLACEMENT**). If the problem is still present, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Open in the floor wire harness; replace the floor wire harness.

DTC 43-2X, 43-3X, 43-BX ("X" CAN BE 0 THRU 9 OR A THRU F): INTERNAL FAILURE OF THE LEFT SIDE IMPACT SENSOR (FIRST)

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 43-2x, 43-3x, or 43-Bx indicated?

YES -Replace the left side impact sensor (first) (see **SIDE IMPACT SENSOR (FIRST) REPLACEMENT**). If the DTC returns, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

DTC 44-2X, 44-3X, 44-BX ("X" CAN BE 0 THRU 9 OR A THRU F): INTERNAL FAILURE OF THE RIGHT SIDE IMPACT SENSOR (FIRST)

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 44-2x, 44-3x, or 44-Bx indicated?

YES -Replace the right side impact sensor (first) (see **SIDE IMPACT SENSOR (FIRST) REPLACEMENT**). If the DTC returns, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

DTC 45-1X ("X" CAN BE 0 THRU 9 OR A THRU F): NO SIGNAL FROM THE LEFT SIDE IMPACT SENSOR (SECOND)

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead H 07YAZ-S3AA100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 45-1 x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Check the connection between the side curtain airbag harness 2P connector and the left side impact sensor (second).

Is the connection OK?

YES -Go to step 5.

NO -Repair the poor connection and retest. If DTC 45-1x is still present, go to step 5.

5. Disconnect the side curtain airbag harness 2P connector (A) from the left side impact sensor (second).

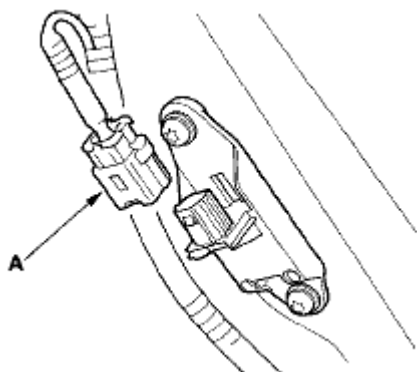
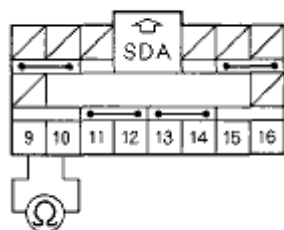


Fig. 144: Identifying Side Curtain Airbag Harness 2P Connector (A) And Left Side Impact Sensor (Second)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Disconnect SRS unit connector C (16P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
7. Measure the resistance between the No. 9 and No. 10 terminals of SRS unit connector C (16P). There should be an open circuit or at least 1 Mohms.

SRS UNIT CONNECTOR C (16P)



Wire side of female terminals

Fig. 145: Measuring Resistance Between No. 9 And No. 10 Terminals Of SRS Unit Connector C (16P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 8.

NO -Short in the side curtain airbag harness; replace the side curtain airbag harness.

8. Measure the resistance between the No. 9 terminal of SRS unit connector C (16P) and body ground, and between the No. 10 terminal and body ground. There should be an open circuit or at least 1 Mohms.

SRS UNIT CONNECTOR C (16P)

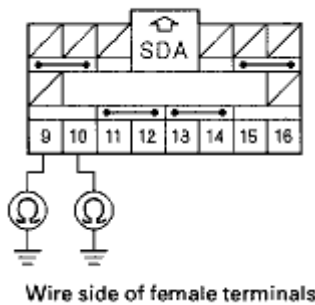


Fig. 146: Measuring Resistance Between No. 9 Terminal Of SRS Unit Connector C (16P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 9.

NO -Short to ground in the side curtain airbag harness; replace the side curtain airbag harness.

9. Reconnect the negative cable to the battery.
10. Turn the ignition switch ON (II).
11. Measure the for voltage between the No. 9 terminal of SRS unit connector C (16P) and body ground, and between the No. 10 terminal and body ground. There should be 1 V or less.

SRS UNIT CONNECTOR C (16P)

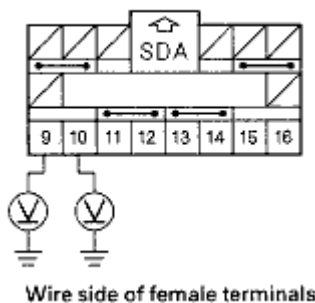


Fig. 147: Measuring Voltage Between No. 9 Terminal Of SRS Unit Connector C (16P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the voltage as specified?

YES -Go to step 12.

NO -Short to power in the side curtain airbag harness; replace the side curtain airbag harness.

12. Turn the ignition switch OFF.
13. Connect the SRS inflator simulator (jumper connector) and the simulator lead to the side curtain airbag harness 2P connector (A).

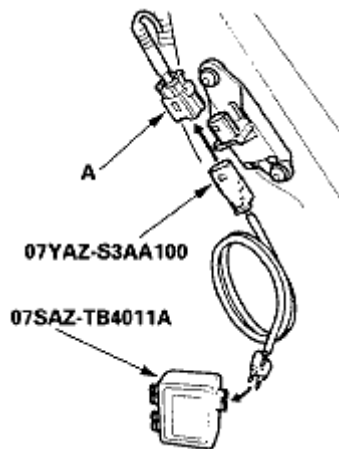
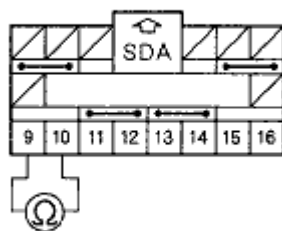


Fig. 148: Identifying SRS Inflator Simulator And Side Curtain Airbag Harness 2P Connector (A)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

14. Measure the resistance between the No. 9 and No. 10 terminals of SRS unit connector C (16P). There should be 1.0 ohms or less.

SRS UNIT CONNECTOR C (16P)



Wire side of female terminals

Fig. 149: Measuring Resistance Between No. 9 And No. 10 Terminals Of SRS Unit Connector C (16P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty left side impact sensor (second) or SRS unit; replace the left side impact sensor (second)

(see **SIDE IMPACT SENSOR (SECOND) REPLACEMENT**). If the problem is still present, replace the SRS unit (see **SRS UNIT REPLACEMENT**). I

NO -Open in the side curtain airbag harness; replace the side curtain airbag harness.

DTC 46-1X ("X" CAN BE 0 THRU 9 OR A THRU F): NO SIGNAL FROM THE RIGHT SIDE IMPACT SENSOR (SECOND)

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead H 07YAZ-S3AA100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 46-1x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Check the connection between the side curtain airbag harness 2P connector and the right side impact sensor (second).

Is the connection OK?

YES -Go to step 5.

NO -Repair the poor connections and retest. If DTC 46-1x is still present, go to step 5.

5. Disconnect the side curtain airbag harness 2P connector (A) from the right side impact sensor (second).

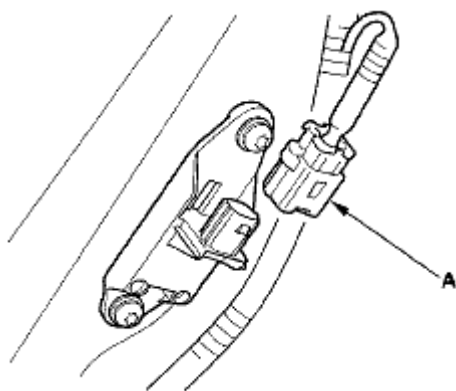
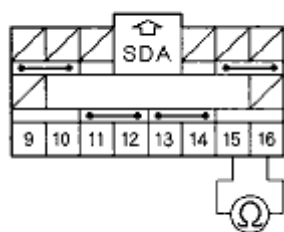


Fig. 150: Identifying Side Curtain Airbag Harness 2P Connector (A) From And Right Side Impact Sensor (Second)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Disconnect SRS unit connector C (16P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
7. Measure the resistance between the No. 15 and No. 16 terminals of SRS unit connector C (16P). There should be an open circuit or at least 1 Mohms.

SRS UNIT CONNECTOR C (16P)



Wire side of female terminals

Fig. 151: Measuring Resistance Between No. 15 And No. 16 Terminals Of SRS Unit Connector C (16P)

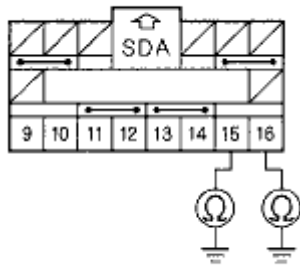
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 8.

NO -Short in the side curtain airbag harness; replace the side curtain airbag harness.

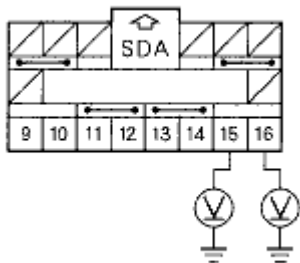
8. Measure the resistance between the No. 15 terminal of SRS unit connector C (16P) and body ground, and between the No. 16 terminal and body ground. There should be an open circuit or at least 1 Mohms.

SRS UNIT CONNECTOR C (16P)

Wire side of female terminals

Fig. 152: Measuring Resistance Between No. 15 Terminal Of SRS Unit Connector C (16P) And Body Ground**Courtesy of AMERICAN HONDA MOTOR CO., INC.***Is the resistance as specified?***YES** -Go to step 9.**NO** -Short to ground in the side curtain airbag harness; replace the side curtain airbag harness.

9. Reconnect the negative cable to the battery.
10. Turn the ignition switch ON (II).
11. Measure the voltage between the No. 15 terminal of SRS unit connector C (16P) and body ground, and between the No. 16 terminal and body ground. There should be 1 V or less.

SRS UNIT CONNECTOR C (16P)

Wire side of female terminals

Fig. 153: Measuring Voltage Between No. 15 Terminal Of SRS Unit Connector C (16P) And Body Ground**Courtesy of AMERICAN HONDA MOTOR CO., INC.***Is the voltage as specified?***YES** -Go to step 12.**NO** -Short to power in the side curtain airbag harness; replace the side curtain airbag harness.

12. Turn the ignition switch OFF.
13. Connect the SRS inflator simulator (jumper connector) and the simulator lead H to the side curtain airbag harness 2P connector (A).

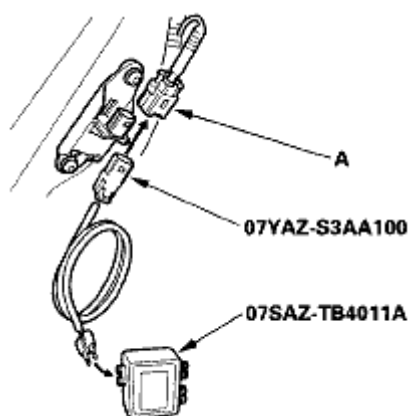
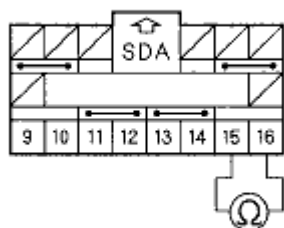


Fig. 154: Identifying SRS Inflator Simulator And Side Curtain Airbag Harness 2P Connector (A)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

14. Measure the resistance between the No. 15 and No. 16 terminals of SRS unit connector C (16P). There should be 1.0 ohms or less.

SRS UNIT CONNECTOR C (16P)



Wire side of female terminals

Fig. 155: Measuring Resistance Between No. 15 And No. 16 Terminals Of SRS Unit Connector C (16P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty right side impact sensor (second) or SRS unit; replace the right side impact sensor (second) (see **SIDE IMPACT SENSOR (SECOND) REPLACEMENT**). If the problem is still present, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Open in the side curtain airbag harness; replace the side curtain airbag harness.

DTC 45-2X 45-3X, 45-BX ("X" CAN BE 0 THRU 9 OR A THRU F): INTERNAL FAILURE OF THE LEFT SIDE IMPACT SENSOR (SECOND)

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 45-2x, 45-3x, or 45-Bx indicated?

YES -Replace the left side impact sensor (second) (see **SIDE IMPACT SENSOR (SECOND) REPLACEMENT**). If the DTC returns, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

DTC 46-2X, 46-3X, 46-BX ("X" CAN BE 0 THRU 9 OR A THRU F): INTERNAL FAILURE OF THE RIGHT SIDE IMPACT SENSOR (SECOND)

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 46-2x, 46-3x, or 46-Bx indicated?

YES -Replace the right side impact sensor (second) (see **SIDE IMPACT SENSOR (SECOND) REPLACEMENT**). If the DTC returns, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

DTC 51-XX, 52-XX, 53-XX, 54-XX, 55-XX ("X" CAN BE 0 THRU 9 OR A THRU F): INTERNAL FAILURE OF THE SRS UNIT

NOTE:

- Before troubleshooting any of these DTCs, check the battery/system voltage and battery cable connections. If the voltage is low, repair the charging system or replace the battery before troubleshooting the SRS. If the battery/system voltage is now OK, ask the customer if the battery ever went dead or if the engine was started and run with the battery in a low state of charge. A dead battery may trigger one or more of these DTCs.
- Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 51-xx, 52-xx, 53-xx, 54-xx, or 55-xx indicated?

YES -Replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

**DTC EX-XX ("X" CAN BE 0 THRU 9 OR A THRU F): CONTROL OPERATION RECORDED;
DTC FX-XX ("X" CAN BE 0 THRU 9 OR A THRU F): AIRBAGS AND/OR TENSIONERS
DEPLOYMENT RECORDED**

NOTE:

- Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).
- DTC E2-11: Front passenger's airbag did not deploy by SWS operation.
- DTC E4-11: Front passenger's side airbag did not deploy by OPDS operation.
- DTC F1-11: Driver's airbag and/or driver's seat belt tensioner deployed.
- DTC F2-11: Front passenger's airbag and/or front passenger's seat belt tensioner deployed.
- DTC F3-11: Driver's side airbag, left side curtain airbag, and/or driver's seat belt tensioner deployed.
- DTC F4-11: Front passenger's airbag, right side curtain airbag, and/or front passenger's seat belt tensioner deployed.

The SRS unit must be replaced after any airbags and/or tensioners have deployed (see **COMPONENT REPLACEMENT/INSPECTION AFTER DEPLOYMENT**).

NOTE:

- DTC E2-11 is set if the system triggered airbag deployment but the front passenger's airbag was prevented from deploying because of the weight sensor.
- DTC E4-11 is set if the system triggered a passenger's side airbag deployment but the airbag was prevented from deploying by the ODS. Replace the right side impact sensor (first) (see **SIDE IMPACT SENSOR (FIRST) REPLACEMENT**).

DTC 61-1X ("X" CAN BE 0 THRU 9 OR A THRU F): OPEN IN DRIVER'S SEAT BELT BUCKLE SWITCH

NOTE:

Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), then buckle and unbuckle the driver's seat belt several times.
3. Read the DTC (see **READING THE DTC**).

Is DTC 61-1x indicated?

YES -Go to step 4.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

4. Disconnect the driver's seat wire harness 3P connector from the driver's seat belt buckle switch 3P connector (A).

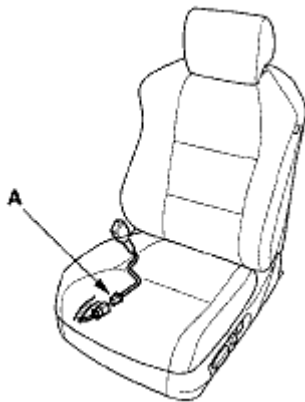
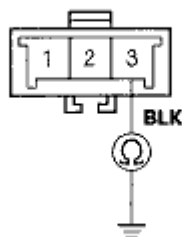


Fig. 156: Identifying Driver's Seat Wire Harness 3P Connector And Driver's Seat Belt Buckle Switch 3P Connector (A)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. From the system selection menu on the HDS, select SRS, then select SRS again, then select PARAMETER INFORMATION, then Buckle Switch. Seat Position Sensor, and check the status on the HDS screen for FRONT LEFT SEAT BELT BUCKLE SWITCH when the seat belt is buckled, and unbuckled.
 - If UNBUCKLE, BUCKLE, or SHORT is indicated replace the floor wire harness.
 - If OPEN is indicated, go to step 6.
6. Measure the resistance between the No. 3 terminals of the driver's seat wire harness 3P connector and body ground. There should be 0-1 ohms.

DRIVER'S SEAT WIRE HARNESS 3P CONNECTOR



Terminal side of male terminals

Fig. 157: Measuring Resistance Between No. 3 Terminal Of Driver's Seat Wire Harness 3P Connector And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

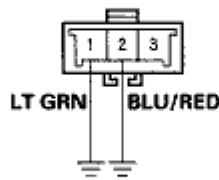
Is the resistance as specified?

YES -Go to step 7.

NO -Open in the driver's seat wire harness, floor wire harness, or poor ground connection at G601 (see **FLOOR WIRE HARNESS (LEFT BRANCH)**). If G601 is OK, replace the faulty harness.

7. Alternately connect the No. 1 and No. 2 terminals of the driver's seat wire harness 3P connector to body ground with a jumper wire, and check the status on the HDS screen.

DRIVER'S SEAT WIRE HARNESS 3P CONNECTOR



Terminal side of male terminals

Fig. 158: Identifying Driver's Seat Wire Harness 3P Connector To Body Ground With Jumper Wire

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Does the status alternate from UNBUCKLE to BUCKLE?

YES -Replace the driver's seat belt buckle assembly (see **SEAT BELT BUCKLE**), then clear the DTC.

NO -Open in the floor wire harness or driver's seat wire harness; replace the faulty harness.

DTC 61 -2X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT IN DRIVER'S SEAT BELT BUCKLE SWITCH

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**), and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), then buckle and unbuckle the driver's seat belt several times.
3. Read the DTC (see **READING THE DTC**).

Is DTC 61-2x indicated?

YES -Go to step 4.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

4. Turn the ignition switch OFF.
5. Disconnect the driver's seat wire harness 3P connector from the driver's seat belt buckle switch 3P connector (A).

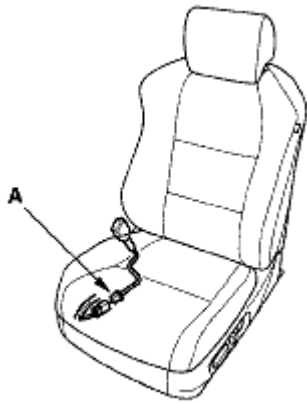


Fig. 159: Identifying Driver's Seat Wire Harness 3P Connector And Driver's Seat Belt Buckle Switch 3P Connector (A)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Turn the ignition switch ON (II).
7. From the system selection menu on the HDS, select SRS, then select SRS again, then select PARAMETER INFORMATION, then Buckle Switch. Seat Position Sensor, and check the status on the HDS screen for FRONT LEFT SEAT BELT BUCKLE SWITCH.

Is OPEN indicated on the HDS?

YES -Replace the driver's seat belt buckle assembly (see **SEAT BELT BUCKLE**), then clear the DTC.

NO -Short to ground in the floor wire harness, or driver's seat wire harness; replace the faulty harness.

DTC 62-1X ("X" CAN BE 0 THRU 9 OR A THRU F): OPEN IN FRONT PASSENGER'S SEAT BELT BUCKLE SWITCH

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), then buckle and unbuckle the driver's seat belt several times.
3. Read the DTC (see **READING THE DTC**).

Is DTC 62-1 x indicated?

YES -Go to step 4.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

4. Disconnect the front passenger's seat wire harness 3P connector from the front passenger's seat belt buckle switch 3P connector (A).

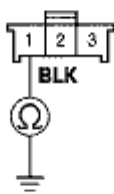


Fig. 160: Identifying Front Passenger's Seat Wire Harness 3P Connector And Front Passenger's Seat Belt Buckle Switch 3P Connector (A)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. From the system selection menu on the HDS, select SRS, then select SRS again, then select PARAMETER INFORMATION, then Buckle Switch. Seat Position Sensor, and check the status on the HDS screen for FRONT RIGHT SEAT BELT BUCKLE SWITCH when the seat belt is buckled, and unbuckled.
 - If UNBUCKLE, BUCKLE, or SHORT is indicated replace the floor wire harness.
 - If OPEN is indicated, go to step 6.
6. Measure the resistance between the No. 1 terminals of the front passenger's seat wire harness 3P connector and body ground. There should be 0-1 ohms.

**FRONT PASSENGER'S SEAT
WIRE HARNESS 3P CONNECTOR**



Wire side of female terminals

Fig. 161: Measuring Resistance Between No. 1 Terminals Of Front Passenger's Seat Wire Harness 3P Connector And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

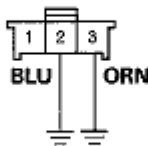
Is the resistance as specified?

YES -Go to step 7.

NO -Open in the floor wire harness, front passenger's seat wire harness, or poor ground connection at G602 (see **FLOOR WIRE HARNESS (RIGHT BRANCH)**). If G602 is OK, replace the faulty harness.

7. Alternately connect the No. 2 and No. 3 terminals of the front passenger's seat wire harness 3P connector to body ground with a jumper wire, and check the status on the HDS screen.

**FRONT PASSENGER'S SEAT
WIRE HARNESS 3P CONNECTOR**



Wire side of female terminals

Fig. 162: Checking Status On HDS Screen
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Does the status alternate from UNBUCKLE to BUCKLE?

YES -Replace the front passenger's seat belt buckle assembly (see **SEAT BELT BUCKLE**), then clear the DTC.

NO -Open in the floor wire harness, or front passenger's seat wire harness; replace the faulty harness.

DTC 62-2X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT IN FRONT PASSENGER'S SEAT BELT BUCKLE SWITCH

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), then buckle and unbuckle the driver's seat belt several times.
3. Read the DTC (see **READING THE DTC**).

Is DTC 62-2x indicated?

YES -Go to step 4.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

4. Turn the ignition switch OFF.
5. Disconnect the front passenger's seat wire harness 3P connector from the front passenger's seat belt buckle switch 3P connector (A).



Fig. 163: Identifying Front Passenger's Seat Belt Buckle Switch 3P Connector (A)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Turn the ignition switch ON (II).
7. From the system selection menu on the HDS, select SRS, then select SRS again, then select PARAMETER INFORMATION, then Buckle Switch, Seat Position Sensor, and check the status on the HDS screen for FRONT RIGHT SEAT BELT BUCKLE SWITCH.

Is OPEN indicated on the HDS?

YES -Replace the front passenger's seat belt buckle assembly (see **SEAT BELT BUCKLE**), then clear the DTC.

NO -Short to ground in the front passenger's seat wire harness, or floor wire harness; replace the faulty harness.

DTC 71-1X ("X" CAN BE 0 THRU 9 OR A THRU F): OPEN IN DRIVER'S SEAT POSITION SENSOR

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 71-1x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING**

INTERMITTENT FAILURES . If another DTC is indicated, troubleshoot the DTC.

3. Check the connection between the seat position sensor harness 2P connector and the driver's seat position sensor.
4. Clear the DTC memory.
5. Read the DTC (see **READING THE DTC**).

Is DTC 71-1x indicated?

YES -Go to step 6.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

6. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
7. Disconnect the driver's seat wire harness 2P connector from the driver's seat position sensor (A).

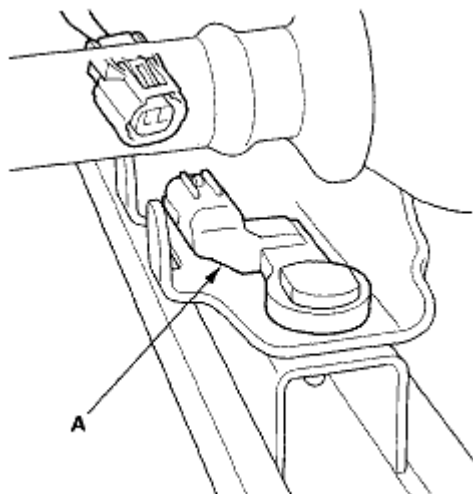
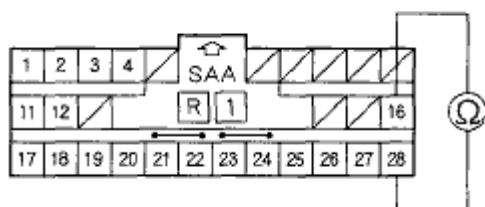


Fig. 164: Identifying Driver's Seat Wire Harness 2P Connector And Driver's Seat Position Sensor (A)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

8. Connect the No. 1 and No. 2 terminals of the driver's seat wire harness 2P connector with a jumper wire.
9. Disconnect both seat belt tensioner 4P connectors (see step 6 on **DISCONNECTING SYSTEM CONNECTORS**).
10. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Measure the resistance between the No. 16 and No. 28 terminals of SRS unit connector B (28P). There should be 0-1.0 ohms.

SRS UNIT CONNECTOR B (28P)

Wire side of female terminals

Fig. 165: Measuring Resistance Between No. 16 And No. 28 Terminals Of SRS Unit Connector B (28P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty driver's seat position sensor or SRS unit; replace the driver's seat position sensor (see **DRIVER'S SEAT POSITION SENSOR REPLACEMENT**). If the problem is still present, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Open in the floor wire harness or driver's seat wire harness; replace the faulty harness.

DTC 71-2X ("X" CAN BE 0 THRU 9 OR A THRU F): SHORT IN DRIVER'S SEAT POSITION SENSOR

NOTE: Before doing this troubleshooting procedure, review **SRS Precautions and Procedures** (see **PRECAUTIONS AND PROCEDURES**) and **General Troubleshooting Information** (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 71-2x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the driver's seat wire harness 2P connector from the driver's seat position sensor (A).

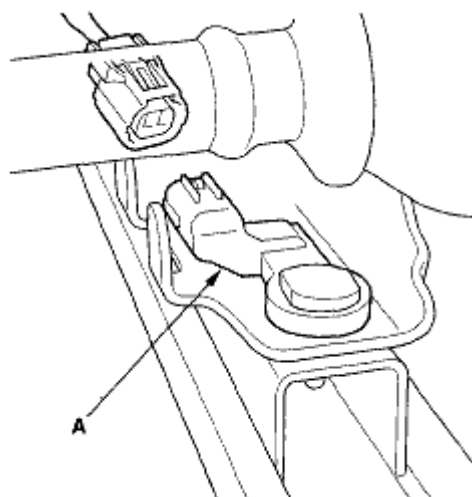


Fig. 166: Identifying Driver's Seat Wire Harness 2P Connector And Driver's Seat Position Sensor

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Reconnect the negative cable to the battery.
6. Clear the DTC memory.
7. Read the DTC (see **READING THE DTC**).

Is DTC 71-2x indicated?

YES -Go to step 8.

NO -Faulty driver's seat position sensor; replace the driver's seat position sensor (see **DRIVER'S SEAT POSITION SENSOR REPLACEMENT**).

8. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
9. Disconnect both seat belt tensioner 4P connectors (see step 6 on **DISCONNECTING SYSTEM CONNECTORS**).
10. Disconnect SRS unit connector B (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
11. Measure the resistance between the No. 16 and No. 28 terminals of SRS unit connector B (28P). There should be an open circuit or at least 1 Mohms.

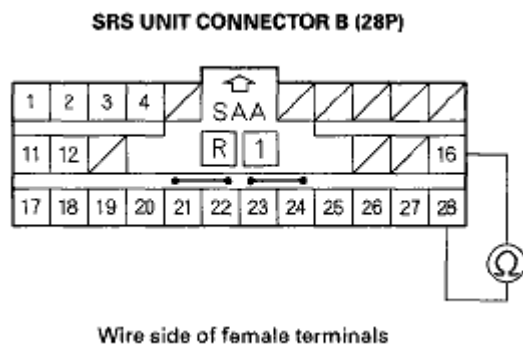


Fig. 167: Measuring Resistance Between No. 16 And No. 28 Terminals Of SRS Unit Connector

B (28P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 12.

NO -Short in the floor wire harness or driver's seat wire harness; replace the faulty harness.

12. Measure the resistance between the No. 16 terminal of SRS unit connector B (28P) and body ground, and between the No. 28 terminal and body ground. There should be an open circuit or at least 1 Mohms.

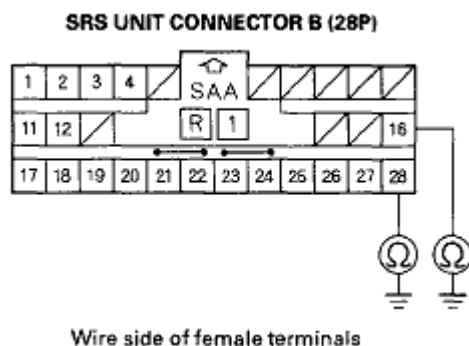


Fig. 168: Measuring Resistance Between No. 16 Terminal Of SRS Unit Connector B (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty driver's seat position sensor or SRS unit; replace the driver's seat position sensor (see **DRIVER'S SEAT POSITION SENSOR REPLACEMENT**). If the problem is still present, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to ground in the floor wire harness or driver's seat wire harness; replace the faulty harness.

DTC 81-61,85-61: NO SIGNAL FROM THE ODS UNIT; DTC 81-62,85-62: RESPONSE DATA ERROR FROM THE ODS UNIT

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Make sure nothing is on the front passenger's seat.
2. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
3. Read the DTC (see **READING THE DTC**).

Is DTC 81-61, 85-61, 81-62, or 85-62 indicated?

YES -Go to step 4.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

4. Check the connection between the ODS unit harness 18P connector and the ODS unit.

Is the connection OK?

YES -Go to step 5.

NO -Repair the poor connection and retest. If DTC 81-61 ,85-61, 81-62, or 85-62 is still present, go to step 5.

5. Turn the ignition switch OFF.
6. Check the No. 10 (7.5 A) fuse in the under-dash fuse/relay box.

Is the fuse OK?

YES -Go to step 7.

NO -Replace the fuse, then turn the ignition switch ON (II). If the fuse blows again, check for a short in the No. 10 (7.5 A) fuse circuit (floor wire harness or ODS unit harness).

7. Disconnect the ODS unit harness 18P connector (A) from the ODS unit.

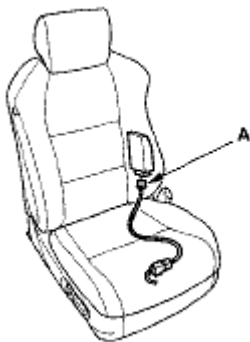
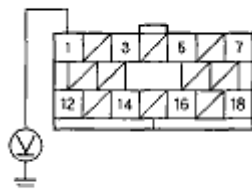


Fig. 169: Identifying ODS Unit Harness 18P Connector And ODS Unit
Courtesy of AMERICAN HONDA MOTOR CO., INC.

8. Turn the ignition switch ON (II).
9. Measure the voltage between the No. 1 terminal of the ODS unit harness 18P connector and body ground. There should be battery voltage.

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

Fig. 170: Measuring Voltage Between No. 1 Terminal Of ODS Unit Harness 18P Connector And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

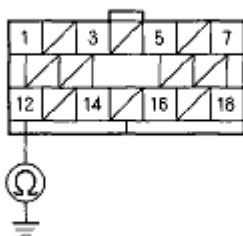
Is there battery voltage?

YES -Go to step 10.

NO -Open in the dashboard wire harness, floor wire harness, or ODS unit harness; check for poor connection at C502 (see **DASHBOARD WIRE HARNESS (LEFT BRANCH)**). If the connection is OK, replace the faulty harness.

10. Turn the ignition switch OFF.
11. Measure the resistance between the No. 12 terminal of the ODS unit harness 18P connector and body ground. There should be 0-1.0 ohms.

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

Fig. 171: Measuring Resistance Between No. 12 Terminal Of ODS Unit Harness 18P Connector And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 12.

NO -Open in the ODS unit harness or floor wire harness; check for poor connection at C801 (see **FLOOR WIRE HARNESS (RIGHT BRANCH)**). If the connection is OK, check for poor ground connection at G602 (see **FLOOR WIRE HARNESS (RIGHT BRANCH)**). If G602 is OK, replace the faulty harness.

12. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
13. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING**

SYSTEM CONNECTORS).

14. Measure the resistance between the No. 27 terminal of SRS unit connector A (28P) and body ground. There should be an open circuit or at least 1 Mohms.

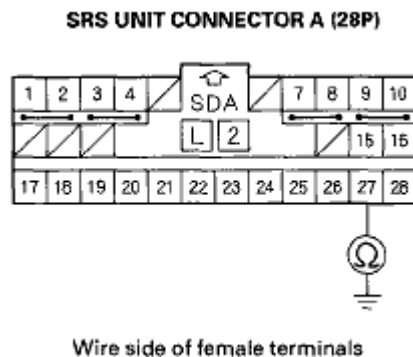


Fig. 172: Measuring Resistance Between No. 27 Terminal Of SRS Unit Connector A (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 15.

NO -Short to ground in the dashboard wire harness, floor wire harness, or ODS unit harness; replace the faulty harness.

15. Turn the ignition switch ON (II), and measure the voltage between the No. 27 terminal of SRS unit connector A (28P) and body ground. There should be 0.5 V or less.

Is the voltage as specified?

YES -Go to step 16.

NO -Short to power in the floor wire harness or ODS unit harness; replace the faulty harness.

16. Measure the resistance between the No. 27 terminal of SRS unit connector A (28P) and the No. 7 terminal of the ODS unit harness 18P connector. There should be 0-1.0 ohms.

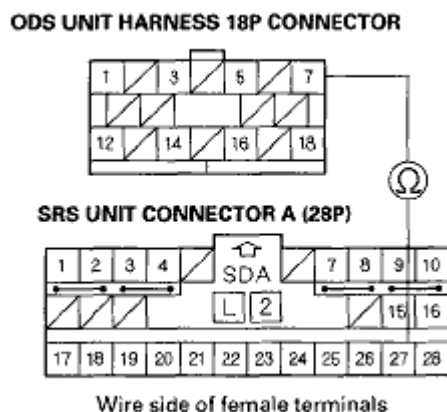


Fig. 173: Measuring Resistance Between 27 Terminal Of SRS Unit Connector A (28P) And 7 Terminal Of ODS Unit Harness 18P Connector

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Faulty ODS unit or SRS unit; replace the ODS unit (see **ODS UNIT REPLACEMENT**). If the problem is still present, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Open in the dashboard wire harness, floor wire harness, or ODS unit harness; check for poor connection at C801 (see **FLOOR WIRE HARNESS (RIGHT BRANCH)**). If the connection is OK, replace the faulty harness.

DTC 81-71,81-78: ODS UNIT DOES NOT CALIBRATE

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is 81-71 or 81-78 indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Calibrate the ODS unit (see **ODS UNIT CALIBRATION**).
4. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator go off?

YES -The system is OK.

NO -Go to step 5.

5. Replace the ODS unit (see **ODS UNIT REPLACEMENT**).
6. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator go off?

YES -The system is OK.

NO -Replace the SRS unit (see **SRS UNIT REPLACEMENT**).

DTC 85-71,85-78: ODS UNIT NOT INITIALIZED

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is 85-71 or 85-78 indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Initialize the ODS unit (see **ODS UNIT INITIALIZATION**).
4. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator go off?

YES -The system is OK.

NO -Go to step 5.

5. Replace the ODS unit (see **ODS UNIT REPLACEMENT**).
6. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator go off?

YES -The system is OK.

NO -Replace the SRS unit (see **SRS UNIT REPLACEMENT**).

DTC 81-4X, 81-5X, 81-63,81-64 ("X" CAN BE 0 THRU 9 OR A THRU F): INTERNAL FAILURE OF THE ODS UNIT

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).

2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 81-4x, 81-5x, 81-63, or 81-64 indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Initialize the ODS unit (see **ODS UNIT INITIALIZATION**).
4. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator go off?

YES -The system is OK at this time.

NO -Go to step 5.

5. Replace the ODS unit (see **ODS UNIT REPLACEMENT**).
6. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator go off?

YES -The system is OK.

NO -Replace the SRS unit (see **SRS UNIT REPLACEMENT**).

DTC 81-79: FRONT PASSENGER'S WEIGHT SENSORS INITIAL CHECK FAILURE

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 81-79 indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF.

4. Make sure nothing is on the front passenger's seat.
5. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator go off?

YES -The system is OK.

NO -Remove the front passenger's seat assembly (see **FRONT SEAT REMOVAL/INSTALLATION**) and the front passenger's weight sensors (see **FRONT PASSENGER'S WEIGHT SENSOR REPLACEMENT**), then reinstall them. Calibrate the ODS unit (see **ODS UNIT CALIBRATION**). Retry the troubleshooting. If DTC 81-79 is still present, faulty front passenger's weight sensor; replace the seat slid assembly including all two weight sensor.

DTC 82-1X ("X" CAN BE 0 THRU 9 OR A THRU F): NO SIGNAL FROM THE INNER SIDE FRONT PASSENGER'S WEIGHT SENSOR

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 82-1x indicated?

YES -Check the connection. If the connection is OK, replace the inner side front passenger's weight sensor (see **FRONT PASSENGER'S WEIGHT SENSOR REPLACEMENT**).

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

DTC 83-2X ("X" CAN BE 0 THRU 9 OR A THRU F): NO SIGNAL FROM THE OUTER SIDE FRONT PASSENGER'S WEIGHT SENSOR

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 83-2x indicated?

YES -Check the connection. If the connection is OK, replace the outer side front passenger's weight

sensor (see **FRONT PASSENGER'S WEIGHT SENSOR REPLACEMENT**).

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

DTC 85-4X, 85-5X ("X" CAN BE 0 THRU 9 OR A THRU F): INTERNAL FAILURE OF THE ODS UNIT; DTC 85-63,85-64: INTERNAL FAILURE OF THE ODS UNIT

NOTE:

- Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).
- An incorrect ODS unit can cause DTC 85-63.

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 85-4x, 85-5x, 85-63, or 85-64 indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Initialize the ODS unit (see **ODS UNIT INITIALIZATION**).
4. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator go off?

YES -The system is OK.

NO -Replace the ODS unit (see **ODS UNIT REPLACEMENT**) and retest. If the DTC is still Present, replace the SRS unit.

DTC 85-79: OPDS SENSOR INITIAL CHECK FAILURE

NOTE:

Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 85-79 indicated?

YES -Turn the ignition switch OFF, and go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Make sure nothing is on the front passenger's seat.
4. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator go off?

YES -The system is OK.

NO -Go to step 5.

5. Initialize the ODS unit (see **ODS UNIT INITIALIZATION**).
6. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator go off?

YES -The system is OK.

NO -Replace the ODS unit (see **ODS UNIT REPLACEMENT**) and retest. If the problem is still present, replace the OPDS sensor/seat-back (see **FRONT SEAT-BACK COVER REPLACEMENT**). If the DTC is still present, replace the SRS unit.

DTC 86-1X, 86-2X ("X" CAN BE 0 THRU 9 OR A THRU F): FAULTY OPDS SENSOR

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and is DTC 86-1 x or 86-2x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

NOTE: Aftermarket devices (fluorescent lights, laptop computers, etc.) used near the front passenger's seat-back can interfere with the seat-back sensors and cause a false DTC 86-1x or 86-2x. If one of these devices were used, clear the DTC, operate the device near the seat-back, and

recheck for DTCs. If DTC 86-1x or 86-2x is set, clear it, and do not use the device near the seat-back.

3. Check the connection at the OPDS sensor harness connectors (A) and the ODS unit connector (B).

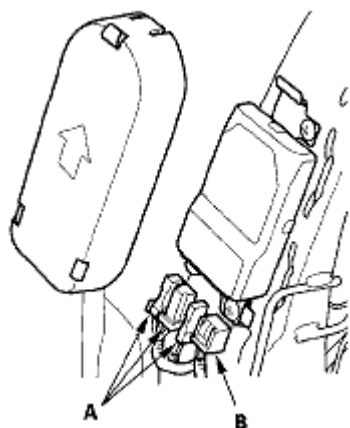


Fig. 174: Identifying OPDS Sensor Harness Connectors (A) And ODS Unit Connector (B)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the connection OK?

YES -Go to step 4.

NO -Repair the poor connection, and clear the DTC.

4. Replace the OPDS sensor/seat-back foam (see **FRONT SEAT-BACK COVER REPLACEMENT**), and initialize the ODS unit (see **ODS UNIT INITIALIZATION**).
5. Clear the DTC memory, then check for DTC 86-1x or 86-2x.

Is DTC 86-1 x or 86-2x indicated?

YES -Replace the ODS unit (see **ODS UNIT REPLACEMENT**).

NO -The system is OK.

DTC 92-1X ("X" CAN BE 0 THRU 9 OR A THRU F): OPEN IN PASSENGER'S AIRBAG CUTOFF INDICATOR

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and DTC 92-1 x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

3. Check the connection between the dashboard wire harness A 6P connector and the passenger's airbag cutoff indicator.
4. Clear the DTC memory.
5. Read the DTC (see **READING THE DTC**).

Is DTC 92-1x indicated?

YES -Go to step 6.

NO -Repair the poor connections and retest. If DTC 92-1x is still present, go to step 6.

6. Check the No. 21 (7.5 A) fuse in the under-dash fuse/relay box.

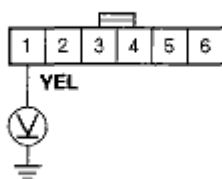
Is the fuse OK?

YES -Go to step 7.

NO -Replace the fuse, then turn the ignition switch ON (II). If the fuse blows again, check for a short in the No. 21 (7.5 A) fuse circuit (dashboard wire harness).

7. Disconnect the passenger's airbag cutoff indicator 6P connector (see **PASSENGER'S AIRBAG CUTOFF INDICATOR ILLUMINATION BULB TEST**).
8. Turn the ignition switch ON (II).
9. Measure the voltage between the No. 1 terminal of the passenger's airbag cutoff indicator 6P connector and body ground. There should be battery voltage.

**PASSENGER'S AIRBAG CUTOFF INDICATOR
6P CONNECTOR**



Wire side of female terminals

Fig. 175: Measuring Voltage Between No. 1 Terminal Of Passenger's Airbag Indicator 6P Connector And Body Ground
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES -Go to step 10.

NO -Open in the dashboard wire harness, replace the dashboard wire harness.

10. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
11. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
12. Measure the resistance between the No. 2 terminal of the passenger's airbag cutoff indicator 6P connector and the No. 19 terminal of SRS unit connector A (28P). There should be 0-1.0 ohms.

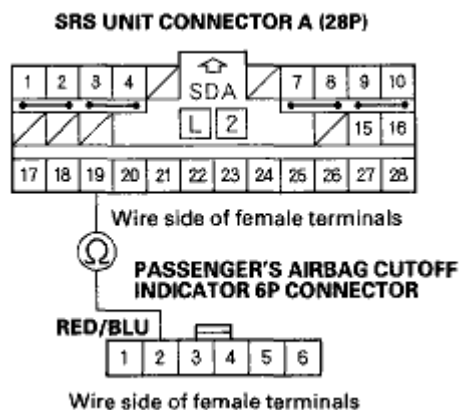


Fig. 176: Measuring Resistance Between 2 Terminal Of Passenger's Airbag Indicator 6P And 19 Terminal Of SRS Unit (28P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Check for a faulty SRS unit or passenger's airbag cutoff indicator; replace the passenger's airbag cutoff indicator. If the problem is still present, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Open in the dashboard wire harness; replace the dashboard wire harness.

DTC 92-2X ("X" CAN BE 0 THRU 9 OR A THRU F): OPEN OR SHORT TO GROUND IN PASSENGER'S AIRBAG CUTOFF INDICATOR

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator stay on, and DTC 92-2x indicated?

YES -Go to step 3.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING**

INTERMITTENT FAILURES . If another DTC is indicated, troubleshoot the DTC.

3. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
4. Disconnect the passenger's airbag cutoff indicator 6P connector (see **PASSENGER'S AIRBAG CUTOFF INDICATOR ILLUMINATION BULB TEST**).
5. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
6. Measure the resistance between the No. 2 terminal of the passenger's airbag cutoff indicator 6P connector and the No. 19 terminal of SRS unit connector A (28P). There should be 0-1.0 ohms.

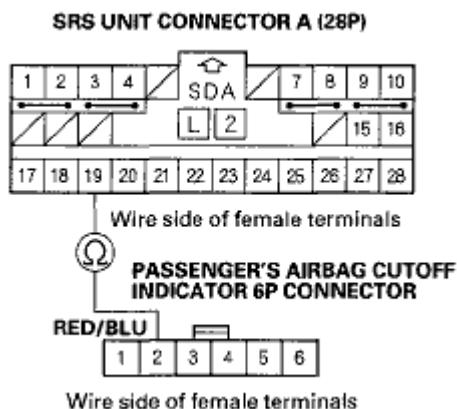


Fig. 177: Measuring Resistance Between 2 Terminal Of Passenger's Airbag Indicator 6P And 19 Terminal Of SRS Unit A (28P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Go to step 7.

NO -Open in the dashboard wire harness; replace the dashboard wire harness.

7. Measure the resistance between the No. 19 terminal of SRS unit connector A (28P) and body ground. There should be an open circuit or at least 1 Mohms.

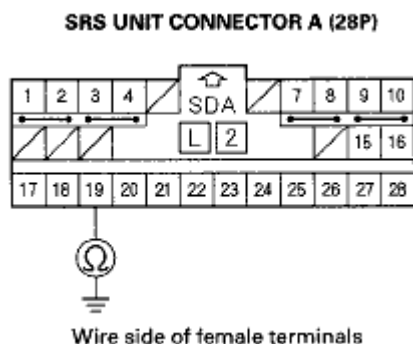


Fig. 178: Measuring Resistance Between No. 19 Terminal Of SRS Unit Connector A (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Replace the passenger's airbag cutoff indicator. If the problem is still present, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Short to ground in the dashboard wire harness; replace the dashboard wire harness.

DTC A1-1X ("X" CAN BE 0 THRU 9 OR A THRU F): FAULTY POWER SUPPLY (VA LINE)

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**) and General Troubleshooting Information (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Clear the DTC memory, (see **CLEAR THE DTC MEMORY WITH THE HDS**).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.
3. Read the DTC (see **READING THE DTC**). Is DTC A1-1x indicated?

YES -Go to step 4.

NO -Intermittent failure, system is OK at this time. Go to **TROUBLESHOOTING INTERMITTENT FAILURES** . If another DTC is indicated, troubleshoot the DTC.

4. Turn the ignition switch OFF.
5. Check the No. 10 (7.5 A) fuse in the under-dash fuse/relay box.

Is the fuse OK?

YES -Go to step 6.

NO -Replace the fuse, then turn the ignition switch ON (II). If the fuse blows again, check for a short in the No. 10 (7.5 A) fuse circuit (dashboard wire harness, floor wire harness, or ODS unit harness).

6. Disconnect the negative cable from the battery, then wait for 3 minutes.
7. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
8. Reconnect the negative cable to the battery.
9. Connect a voltmeter between the No. 17 terminal of SRS unit connector A (28P) and body ground. Turn the ignition switch ON (II), and measure the voltage. There should be battery voltage when the ignition is on.

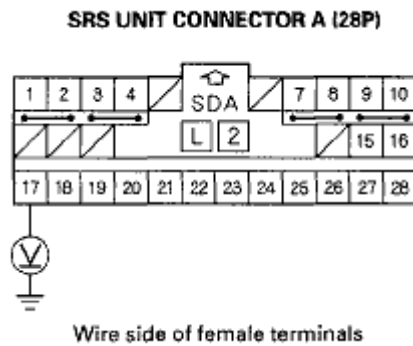


Fig. 179: Connecting Voltmeter Between No. 17 Terminal Of SRS Unit Connector A (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES -Faulty SRS unit or poor connection at SRS unit connector (A) 28P and the SRS unit. Check the connection between the connector and the SRS unit. If the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Go to step 10.

10. Turn the ignition switch OFF.
11. Disconnect under-dash fuse/relay box connector S (2P).

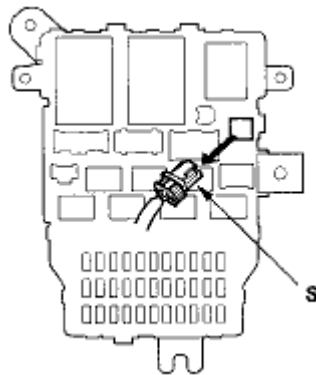


Fig. 180: Identifying Under-Dash Fuse/Relay Box Connector S (2P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

12. Measure the resistance between the No. 1 terminal of under-dash fuse/relay box connector S (2P) and the No. 17 terminal of SRS unit connector A (28P). There should be 0-1.0 ohms.

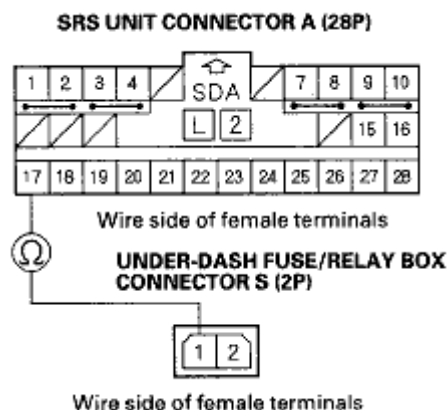


Fig. 181: Measuring Resistance Between 1 Terminal Of Under-Dash Fuse/Relay Box (2P) And 17 Terminal Of SRS Unit (28P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Open in the under-dash fuse/relay box or poor connection between connector S (2P) and the under-dash fuse/relay box; check the connection. If the connection is OK, replace the under-dash fuse/relay box.

NO -Open in the dashboard wire harness; replace the dashboard wire harness.

DTC A2-1X ("X" CAN BE 0 THRU 9 OR A THRU F): FAULTY POWER SUPPLY (VB LINE)

NOTE: Before doing this troubleshooting procedure, review **SRS Precautions and Procedures** (see **PRECAUTIONS AND PROCEDURES**) and **General Troubleshooting Information** (see **GENERAL TROUBLESHOOTING INFORMATION**).

1. Check the No. 22 (10 A) fuse in the under-dash fuse/ relay box.

Is the fuse OK?

YES -Go to step 2.

NO -Replace the fuse, then turn the ignition switch ON (II). If the fuse blows again, check for a short to ground in the dashboard wire harness or in the under-dash fuse/relay box No. 22 (10 A) fuse line; replace the dashboard wire harness. If the problem is still present, replace the under-dash fuse/relay box.

2. Turn the ignition switch OFF. Disconnect the negative cable from the battery, then wait for 3 minutes.
3. Disconnect SRS unit connector A (28P) from the SRS unit (see step 7 on **DISCONNECTING SYSTEM CONNECTORS**).
4. Reconnect the negative cable to the battery.
5. Connect a voltmeter between the No. 18 terminal of SRS unit connector A (28P) and body ground. Turn the ignition switch ON (II), and measure the voltage. There should be battery voltage when the ignition is on.

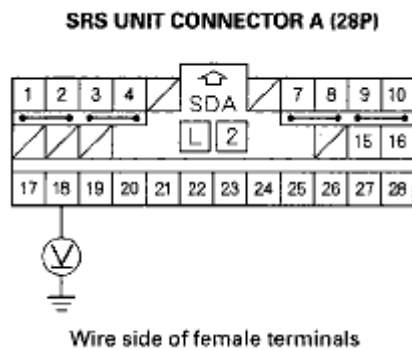


Fig. 182: Connecting Voltmeter Between No. 18 Terminal Of SRS Unit Connector A (28P) And Body Ground

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is there battery voltage?

YES -Faulty SRS unit or poor connection at SRS unit connector A (28P) and the SRS unit; check the connection. If the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Go to step 6.

6. Turn the ignition switch OFF.
7. Disconnect under-dash fuse/relay box connector S (2P).

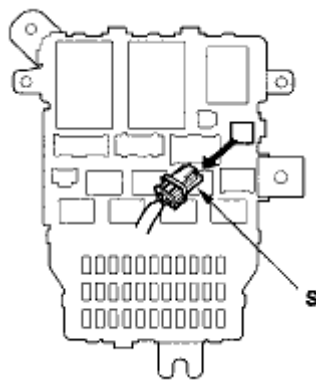


Fig. 183: Identifying Under-Dash Fuse/Relay Box Connector S (2P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

8. Measure the resistance between the No. 2 terminal of the under-dash fuse/relay box connector S (2P) and the No. 18 terminal of SRS unit connector A (28P). There should be 0-1.0 ohms.

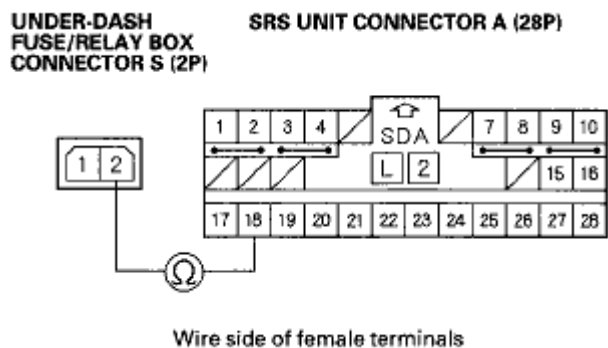


Fig. 184: Measuring Resistance Between 2 Terminal Of Under-Dash Fuse/Relay Box (2P) And 18 Terminal Of SRS Unit (28P)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

Is the resistance as specified?

YES -Open in the under-dash fuse/relay box or poor connection between connector S (2P) and the under-dash fuse/relay box; check the connection. If the connection is OK, replace the under-dash fuse/relay box.

NO -Open in the dashboard wire harness; replace the dashboard wire harness.

SYMPTOM TROUBLESHOOTING

SRS INDICATOR DOES NOT COME ON

1. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicator come on?

YES -Intermittent failure, system is OK at this time.

NO -Go to step 2.

2. Connect the HDS to the DLC (see **GENERAL TROUBLESHOOTING INFORMATION**).
3. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not communicate, troubleshoot the DLC circuit (see **DLC CIRCUIT TROUBLESHOOTING (PART 2)**).
4. Check for PGM-FI, Body Electrical, and SRS DTCs with the HDS.

Are there any PGM-FI, Body Electrical, or SRS DTCs?

YES -Go to the indicated **DTCS TROUBLESHOOTING**.

NO -Go to step 5.

5. Do the gauge control module self-diagnostic function (see **SELF-DIAGNOSTIC FUNCTION**).

Does the SRS indicator come on?

YES -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Faulty gauge control module; replace the gauge control module (see **REWRITING THE ODO DATA ON A NEW GAUGE CONTROL MODULE**).

SRS INDICATOR STAYS ON, BUT NO DTCS ARE STORED

1. Connect the HDS to the DLC (see **GENERAL TROUBLESHOOTING INFORMATION**).
2. Turn the ignition switch ON (II).
3. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not communicate, troubleshoot the DLC circuit (see **DLC CIRCUIT TROUBLESHOOTING (PART 2)**).
4. Select Body Electrical status with the HDS.
5. Check for DTCs in the Gauge Menu with the HDS.

Is DTC B1187 indicated?

YES -Go to the troubleshooting for DTC B1187 (see **DTC B1187: GAUGE CONTROL MODULE LOST COMMUNICATION WITH SRS UNIT (SRS MESSAGE)**).

NO -Go to step 6.

6. Check that the HDS communicates with the SRS unit.

Does the HDS communicates with the SRS unit?

YES -Go to step 7.

NO -If the HDS does not communicate with the SRS unit, check for power and ground at the SRS unit connector A (28P). If power and grounds are still present, replace the SRS unit (see **SRS UNIT REPLACEMENT**).

7. From the HDS System Menu, select SRS, then SRS in Mode Menu, PARAMETER INFORMATION, then SCS, MES, Indicator. Read the current status of the SRS indicator.

Is the status ON?

YES -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Faulty gauge control module; replace the gauge control module (see **REWRITING THE ODO DATA ON A NEW GAUGE CONTROL MODULE**).

SIDE AIRBAG CUTOFF INDICATOR STAYS ON

1. Make sure nothing is on the front passenger's seat.
2. Make sure the seat-back is dry.
3. Turn the ignition switch ON (II), and see if the SRS indicator comes on.

Does the SRS indicator come on ?

YES -Go to the **SYMPTOM TROUBLESHOOTING** "SRS indicator stays on, but no DTCs are stored" (see **SYMPTOM TROUBLESHOOTING**).

NO -Go to step 2.

4. Connect the HDS to the DLC (see **GENERAL TROUBLESHOOTING INFORMATION**).
5. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not, troubleshoot the DLC circuit (see **DLC CIRCUIT TROUBLESHOOTING (PART 2)**).
6. From the Main Menu on the HDS, select SRS, then PARAMETER INFORMATION. In the PARAMETER INFORMATION Menu, select "SCS, MES, Indicator," and read the HDS status.

Is OFF indicated on the HDS?

YES -Go to the gauge control module troubleshooting (see **SELF-DIAGNOSTIC FUNCTION**).

NO -Initialize the ODS (see **ODS UNIT INITIALIZATION**). If the problem is still present, replace the OPDS sensor/ seat-back foam (see **FRONT SEAT-BACK COVER REPLACEMENT**).

SIDE AIRBAG CUTOFF INDICATOR DOES NOT COME ON

NOTE: If the SRS indicator also stays on, go to SRS indicator stays on, but no DTCs are stored (see **SYMPTOM TROUBLESHOOTING**).

1. Turn the ignition switch ON (II), and check if the side airbag cutoff indicator comes on for about 6 seconds.

Does the side airbag cutoff indicator come on?

YES -Go to the **SYMPTOM TROUBLESHOOTING** "SRS indicator stays on/but no DTCs are stored" (see **SYMPTOM TROUBLESHOOTING**).

NO -Go to step 2.

2. Connect the HDS to the DLC (see **GENERAL TROUBLESHOOTING INFORMATION**).
3. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not, troubleshoot the DLC circuit (see **DLC CIRCUIT TROUBLESHOOTING (PART 2)**).
4. Do the gauge control module self diagnostic function with the HDS (see **SELF-DIAGNOSTIC FUNCTION**).

Does the side airbag cutoff indicator come on?

YES -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Faulty gauge control module; replace the gauge control module (see **REWRITING THE ODO DATA ON A NEW GAUGE CONTROL MODULE**).

PASSENGER'S AIRBAG CUTOFF INDICATOR STAYS ON OR COMES ON SUDDENLY

NOTE:

- When no one is sitting the front passenger's seat, but there is an object on the seat more than 5 kg (11 lbs), the passenger's airbag cutoff indicator comes on.
- When no one is sitting in the front passenger's seat, but the seat belt is buckled, the passenger's airbag cutoff indicator comes on.
- When the seat weight is less than 30 kg (66 lbs) even an adult is sitting in the front passenger's seat, the passenger's airbag cutoff indicator comes on.
- The detected weight can be lighter than the actual weight depending on the seated position, and it does not weight the feet and legs that are resting on the floor.
- Do the "AFTER REPLACING FRONT PASSENGER'S SEAT COMPONENT(S)" using the HDS whenever the seat or seat components are replaced or if the seat weight sensor is removed and installed.
- Do the "AFTER A VEHICLE COLLISION" using the HDS after a vehicle collision, regardless of the airbag deployment.
- Make sure that the front passenger's seat components are installed correctly.
- Make sure there is nothing on the front passenger's seat.
- Make sure there is nothing in the front passenger's seat-back pocket.

1. Check for these items, then recheck the passenger's airbag cutoff indicator.

- The front passenger's seat is installed correctly.
- Nothing is/was on the front passenger's seat.
- Nothing is/was under the front passenger's seat.
- Nothing is/was in the front passenger's seat-back pocket.
- Whoever was sitting on the passenger's seat was sitting in the proper sitting position.

Does the passenger's airbag cutoff indicator stay on?

YES -Go to step 2.

NO -Troubleshooting is complete.

2. Connect the HDS to the DLC (see **GENERAL TROUBLESHOOTING INFORMATION**).
3. Turn the ignition switch ON (II).
4. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not communicate troubleshoot the DLC circuit (see **DLC CIRCUIT TROUBLESHOOTING (PART 2)**).
5. Select the INSPECTION menu on the HDS, then select AFTER REPLACING FRONT PASSENGER'S SEAT COMPONENT(S), and follows the prompts.

Does the passenger's airbag cutoff indicator stay on?

YES -Go to step 6.

NO -Troubleshooting is complete.

6. Select the INSPECTION menu on the HDS, then select AFTER A VEHICLE COLLISION, and follow the prompts.

Does the passenger's airbag cutoff indicator stay on?

YES -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT**).

NO -Troubleshooting is complete.

COMPONENT REPLACEMENT/INSPECTION AFTER DEPLOYMENT

NOTE:

- Before doing any SRS repairs, use the HDS SRS Menu Method to check for DTCs; refer to the DTC Troubleshooting Index for the less obvious deployed parts (seat belt tensioners, front impact sensors, side impact sensors, etc.).
- Do not replace the ODS unit unless it is physically damaged or a specific fault was found during DTC troubleshooting

After a collision where the seat belt tensioners deployed, replace these items:

- SRS unit
- Seat belt tensioners
- Front impact sensors

After a collision where the front airbag(s) deployed, replace these items:

- SRS unit
- Deployed airbag(s)
- Seat belt tensioners
- Front impact sensors

After a collision where the side airbag(s) deployed, replace these items:

- SRS unit
- Deployed side airbag(s)
- Side impact sensor(s) (first) for the side(s) that deployed

After a collision where the side curtain airbag(s) deployed, replace these items for the side(s) that deployed:

- SRS unit
- Deployed side curtain airbag(s)
- Side impact sensor(s) (first)
- Side impact sensor(s) (second)
- Roof trim
- A-pillar trim
- B-pillar upper trim

- C-pillar trim
- Front grab handle
- Any related trim clips
- Sunvisor

After a moderate to severe side or rear collision, inspect for any damage on the side curtain airbag or other related components. Replace the components as needed.

A-Pillar

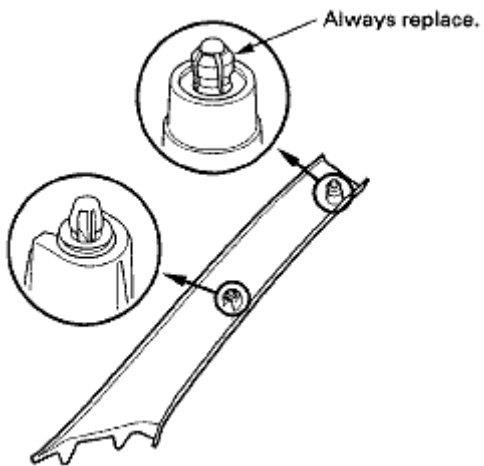


Fig. 185: Identifying Clip Of A-Pillar

Courtesy of AMERICAN HONDA MOTOR CO., INC.

B-Pillar

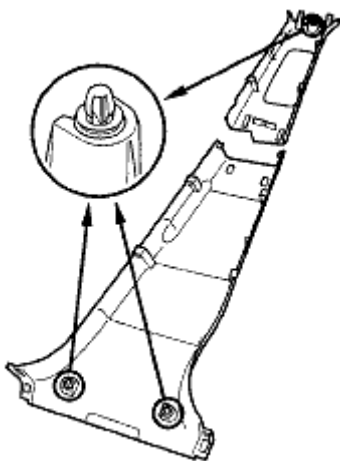


Fig. 186: Identifying Clip Of B-Pillar

Courtesy of AMERICAN HONDA MOTOR CO., INC.

C-Pillar

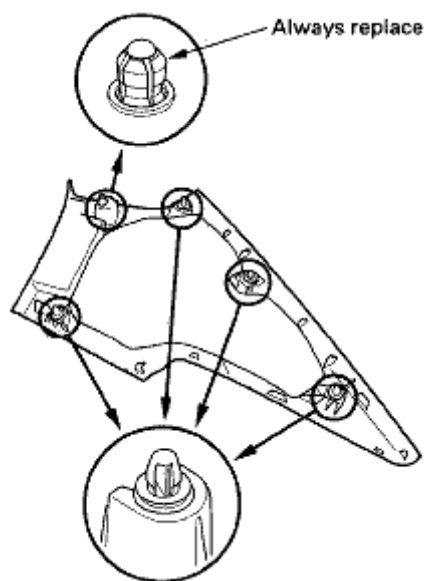


Fig. 187: Identifying Clip Of C-Pillar
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

During the repair process, inspect these areas:

- Inspect all the SRS wire harnesses. Replace, do not repair, any damaged harnesses.
- Inspect the cable reel for heat damage. If there is any damage, replace the cable reel.

After the vehicle is completely repaired, turn the ignition switch ON (II). If the SRS indicator comes on for about 6 seconds and then goes off, the SRS is OK. If the indicator does not function properly, use the HDS SRS Menu Method to read the DTC. If you can not retrieve a code, go to SRS Symptom Troubleshooting.

CHECKING AND ADJUSTING THE HEADLINER/PILLAR TRIM OVERLAP

The headliner and pillar trim must overlap more than 10 mm (0.4 in.), and less than 15 mm (0.6 in.). To check the overlap, do this:

1. Install the headliner (A) and the pillar trim (B).

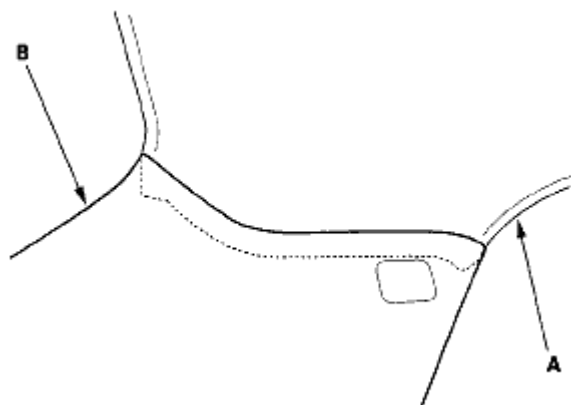


Fig. 188: Identifying Headliner And Pillar Trim
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Using masking tape on the headliner, mark the upper edge of each pillar trim.

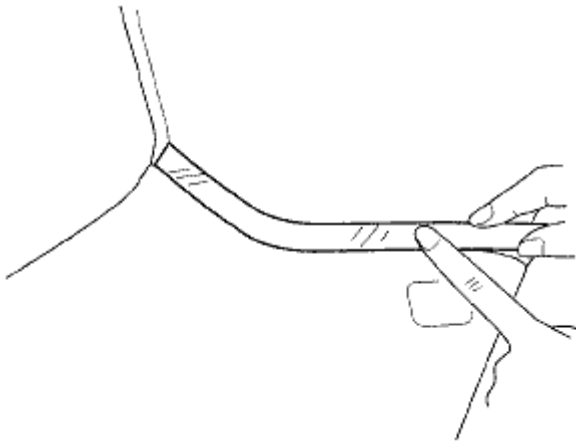


Fig. 189: Identifying Mark Upper Edge Of Pillar Trim
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Remove the pillar trim, and measure the headliner overlap.
 - If the overlap is more than 10 mm (0.4 in.), and less than 15 mm (0.6 in.), remove the tape, and install the pillar trim.
 - If the overlap is 10 mm (0.4 in.) or less, or 15 mm (0.6 in.) or more, go to step 4.

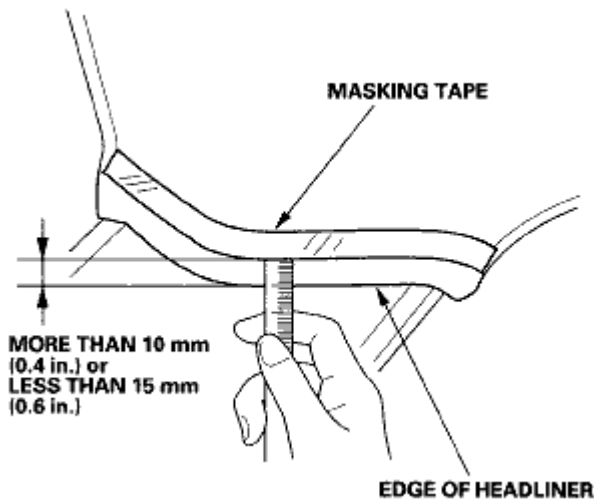


Fig. 190: Measuring Headliner
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Carefully trim the headliner with a utility knife, reducing the overlap to more than 10 mm (0.4 in.), or less than 15 mm (0.6 in.).

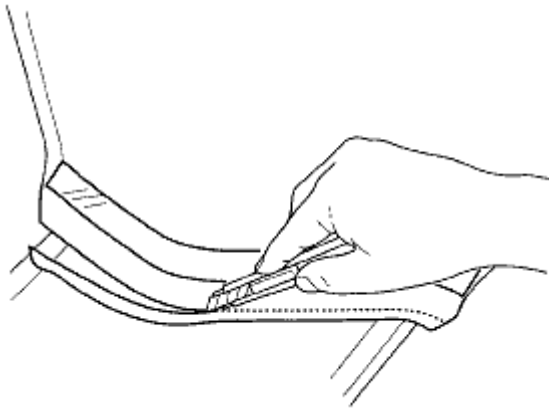


Fig. 191: Removing Headliner

Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Remove the tape, and install the pillar trim.

DRIVER'S AIRBAG REPLACEMENT

REMOVAL

1. Disconnect the negative cable from the battery, then wait at for 3 minutes before starting work.
2. Remove the access panel (A) from the steering wheel, then disconnect the driver's airbag 4P connector (B) from the cable reel.

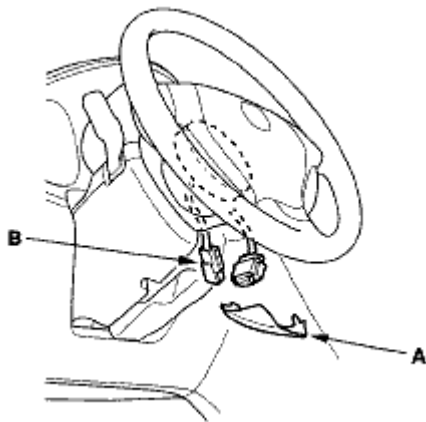


Fig. 192: Identifying Access Panel And Driver's Airbag 4P Connector

Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Using a TORX T30 bit, remove the two TORX bolts (A).

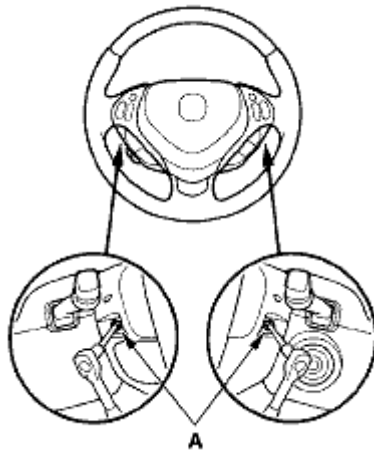


Fig. 193: Identifying TORX T30 And TORX Bolts
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Disconnect the horn switch connector (1P), then remove the driver's airbag (B).

INSTALLATION

1. Connect the horn switch connector (1P) (A) to the driver's airbag.

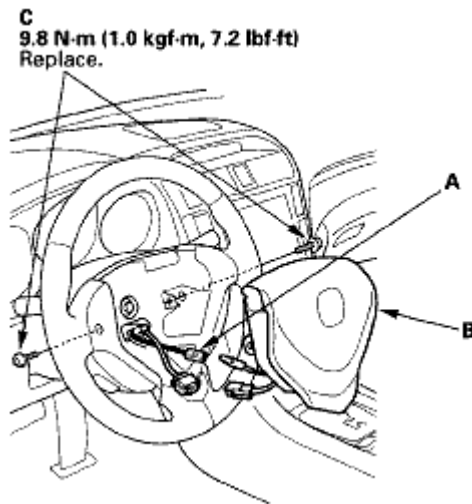


Fig. 194: Identifying Horn Switch Connector (1P) And Driver's Airbag (B) With Torque Specifications
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Place the driver's airbag (B) in the steering wheel, and secure it with new TORX bolts (C).
3. Connect the cable reel 4P connector (A) to the driver's airbag 4P connector, then install the access panel (B) on the steering wheel.

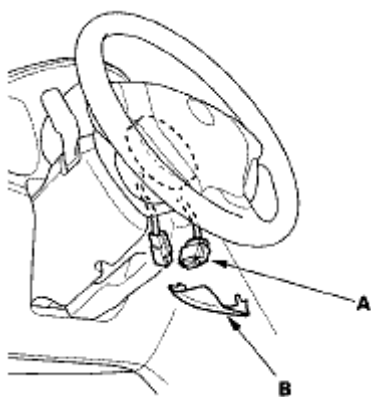


Fig. 195: Identifying Cable Reel 4P Connector (A) To Driver's Airbag 4P Connector
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Reconnect the negative cable to the battery.
5. Connect the HDS and erase the DTCs.
6. After installing the airbag, confirm proper system operation:
 - Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.
 - Make sure the horn works.

FRONT PASSENGER'S AIRBAG REPLACEMENT

REMOVAL

NOTE: If the front passenger's airbag has been deployed, refer to the installation for after a collision where the front passenger's airbag deployed.

1. Disconnect the negative cable from the battery, then wait for 3 minutes before starting work.
2. Remove these items:
 - Glove box housing (see **GLOVE BOX HOUSING REMOVAL/INSTALLATION**)
 - Front passenger's air conditioning duct
 - Passenger's dashboard trim (see **PASSENGER'S DASHBOARD TRIM REMOVAL/INSTALLATION**)
3. Disconnect the front passenger's airbag 4P connector (A) from the dashboard wire harness.

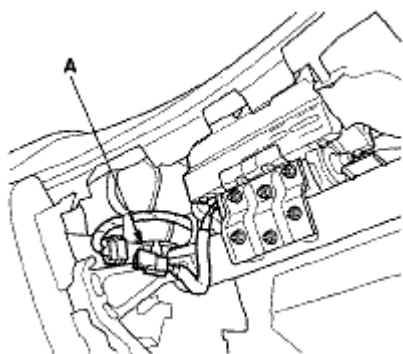


Fig. 196: Identifying Front Passenger's Airbag 4P Connector And Dashboard Wire Harness
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Remove the mounting nuts (A) from the bracket. Remove the front passenger's airbag (B).

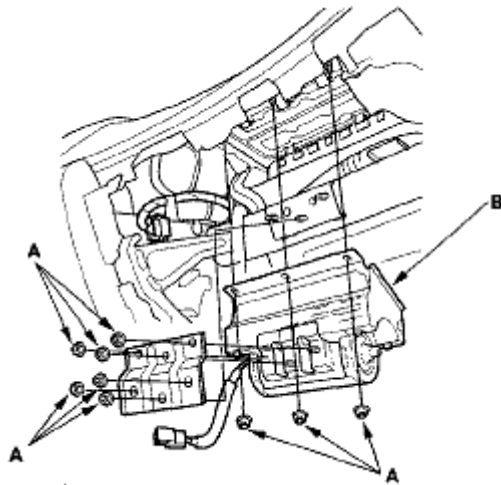


Fig. 197: Identifying Mounting Nuts, Bracket And Front Passenger's Airbag
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

INSTALLATION

1. Place the new front passenger's airbag (A) into the bracket. Tighten the front passenger's airbag mounting nuts (B).

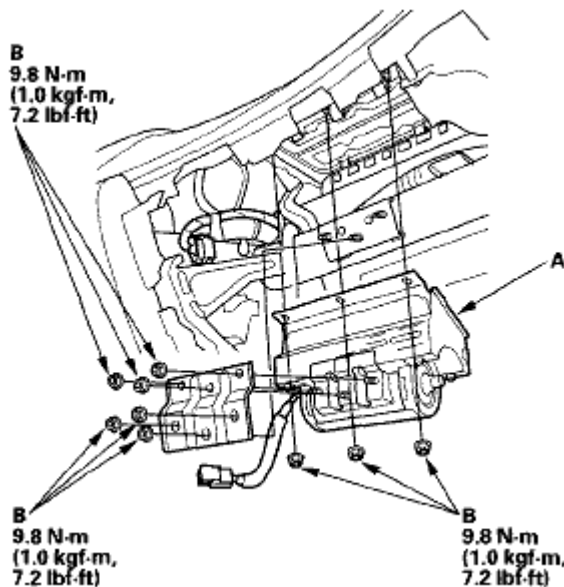


Fig. 198: Identifying Front Passenger's Airbag And Front Passenger's Airbag Mounting Nuts With Torque Specifications
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Connect the front passenger's airbag 4P connector (A) to the dashboard wire harness, then reinstall the glove box.

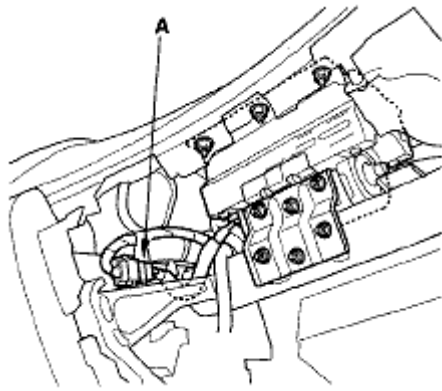


Fig. 199: Identifying Front Passenger's Airbag 4P Connector (A) And Dashboard Wire Harness
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Reconnect the negative cable to the battery.
4. Connect the HDS and clear the DTCs.
5. After installing the airbag, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.

INSTALLATION AFTER A COLLISION WHERE THE FRONT PASSENGER'S AIRBAG DEPLOYED

1. Disconnect the negative cable from the battery, then wait for 3 minutes before starting work.
2. Remove the dashboard assembly from the vehicle (see PASSENGER'S).
3. Remove the dashboard center vent from the dashboard (see DRIVER'S DASHBOARD UNDERCOVER REMOVAL/INSTALLATION).
4. Install the dashboard center vent to the dashboard (see DRIVER'S DASHBOARD UNDERCOVER REMOVAL/INSTALLATION).
5. With the dashboard upside-down, remove the anti-contamination cover (A) from the new dashboard upper panel.

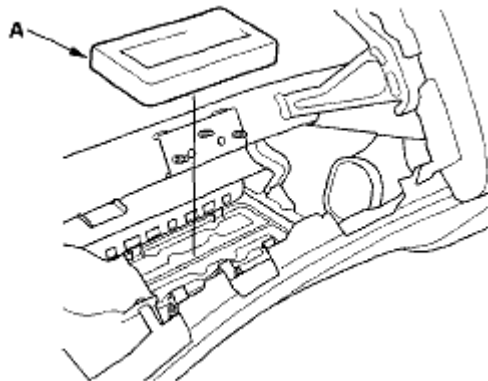


Fig. 200: Identifying Anti-Contamination Cover And Dashboard Upper Panel
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Place the new front passenger's airbag into the bracket. Tighten the front passenger's airbag mounting nuts (A).

NOTE:

- Be sure to install the front passenger's airbag so it does not interfere with other parts.
- When you install the front passenger's airbag, be careful not to damage the bag.
- Be sure to keep the new airbag clean, and do not unfold or tamper with the cloth cover on the airbag.

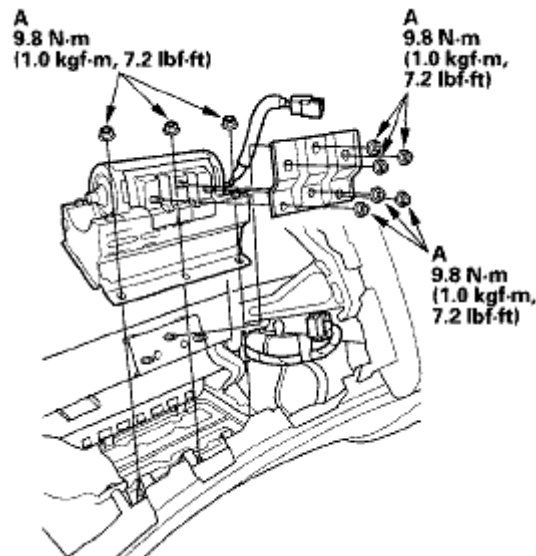


Fig. 201: Identifying Front Passenger's Airbag With Torque Specifications

Courtesy of AMERICAN HONDA MOTOR CO., INC.

7. Install the dashboard assembly (see PASSENGER'S).
8. Connect the front passenger's airbag 4P connector (A) to the dashboard wire harness, then reinstall all removed parts in the reverse order that they were removed.

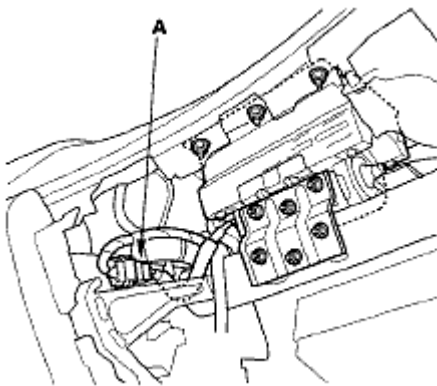


Fig. 202: Identifying Front Passenger's Airbag 4P Connector

Courtesy of AMERICAN HONDA MOTOR CO., INC.

9. Reconnect the negative cable to the battery.
10. Connect the HDS and clear the DTCs.

11. After installing the airbag, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.

SIDE AIRBAG REPLACEMENT

NOTE: Review the seat replacement procedure (see FRONT SEAT REMOVAL/INSTALLATION) before doing repairs or service.

REMOVAL

1. Disconnect the negative cable from the battery, then wait for 3 minutes before starting work.
2. Disconnect the side airbag harness 2P connector (A).



Fig. 203: Identifying Side Airbag Harness 2P Connector (A)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Remove the seat assembly (see FRONT SEAT REMOVAL/INSTALLATION) and seat-back cover (see FRONT SEAT-BACK COVER REPLACEMENT).

NOTE: If you are replacing a deployed airbag, replace the reinforcing cloth rear hooks.

4. Remove the mounting nut (A) and the side airbag (B).

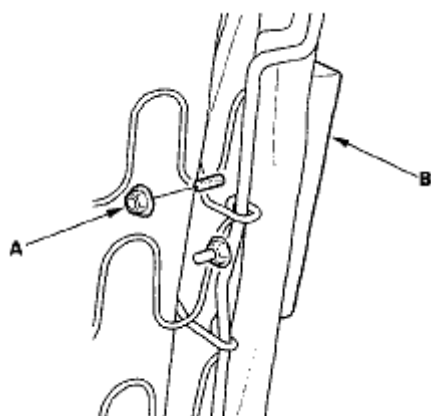


Fig. 204: Identifying Mounting Nut (A) And Side Airbag (B)
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

INSTALLATION

NOTE:

- If the side airbag lid is secured by tape, remove the tape.
- Do not open the lid of the side airbag cover.
- Use a new mounting nut tightened to the specified torque.
- Make sure that the seat-back cover is installed properly. Improper installation may prevent proper deployment.
- Be sure to install the harness wires so that they are not pinched or interfering with other parts.

1. Place the new side airbag on the seat-back frame (A). Tighten the side airbag mounting nut (B).

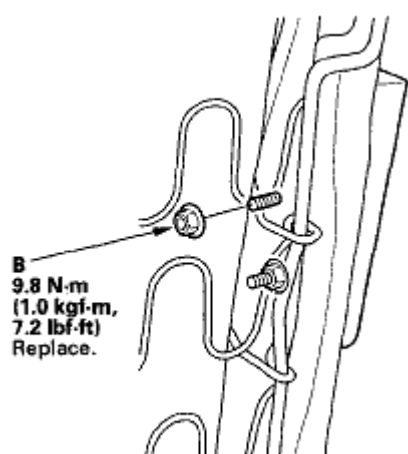


Fig. 205: Identifying Seat-Back Frame And Side Airbag Mounting Nut With Torque Specifications
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Install the seat-back cover in the reverse order of removal (see **FRONT SEAT-BACK COVER REPLACEMENT**).

NOTE: If you are replacing a deployed airbag, replace the reinforcing cloth rear

hooks.

3. Install the seat assembly (see **FRONT SEAT REMOVAL/INSTALLATION**), then connect the side airbag harness 2P connector.
4. Reconnect the negative cable to the battery.
5. Move the front seat and the seat-back through their full ranges of movement, making sure the harness wires are not pinched or interfering with other parts.
6. Connect the HDS and clear the DTCs.
7. After installing the side airbag, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.

SIDE CURTAIN AIRBAG REPLACEMENT

REMOVAL

NOTE:

- Review the interior trim replacement procedure before doing repair or service.
- Removal of the side curtain airbag must be done according to the Precautions and Procedures (see **PRECAUTIONS AND PROCEDURES**).
- The side curtain airbag system consists of many components. When the side curtain airbag has been deployed, go to **COMPONENT REPLACEMENT/INSPECTION AFTER DEPLOYMENT**, and replace all of the parts listed (see **COMPONENT REPLACEMENT/INSPECTION AFTER DEPLOYMENT**).

1. Disconnect the negative cable from the battery, then wait for 3 minutes before starting work.
2. Remove the headliner (see **HEADLINER REMOVAL/INSTALLATION**).
3. For left side curtain airbag replacement, remove the AM/FM antenna amplifier-rear window defogger coil (see **AM/FM ANTENNA AMPLIFIER-REAR WINDOW DEFOGGER COIL REPLACEMENT**).
4. Disconnect the side curtain airbag harness 2P connector (A) from the side curtain airbag.

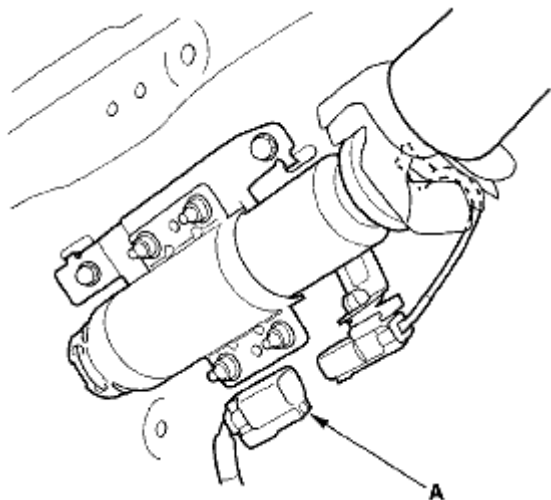


Fig. 206: Identifying Side Curtain Airbag Harness 2P Connector And Side Curtain Airbag
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Left side shown; right side is similar

5. Remove the mounting bolts (A) from the brackets.

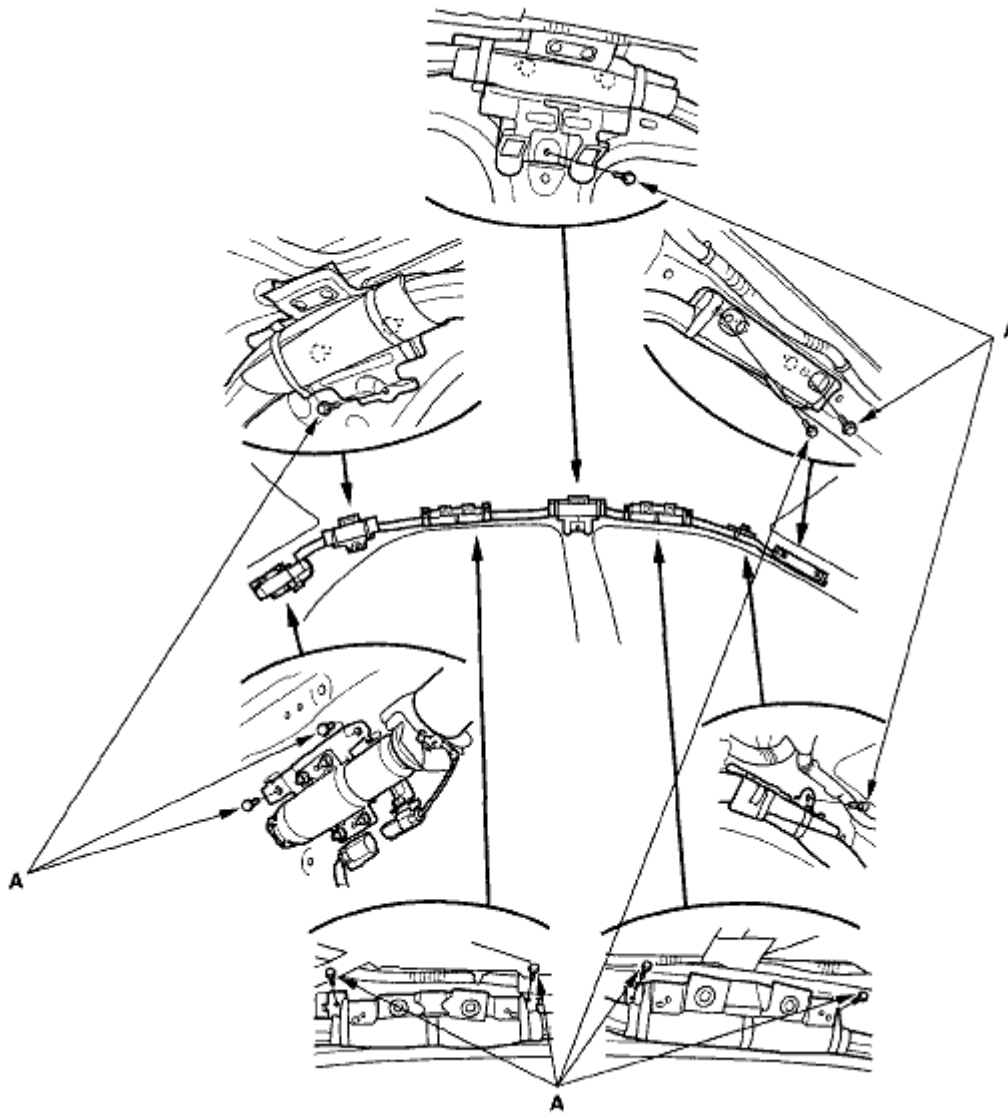


Fig. 207: Identifying Mounting Bolts And Brackets
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Left side shown; right side is similar

6. Remove the side curtain airbag assembly.

INSTALLATION

NOTE:

- Installation of the side curtain airbag must be done according to the Precautions and Procedures (see PRECAUTIONS AND PROCEDURES).

- If the airbag is frayed, or has other visible damage, replace it. Do not attempt to repair an airbag.
- When you install the airbag, make sure it is not twisted, and that it is not caught between the inflator bracket by the bracket bolts.
- Make sure that the side curtain airbag inflator retainer is installed properly, otherwise the airbag could cause improper deployment and cause damage or injuries.

1. Place the new side curtain airbag assembly on the side of the roof. Tighten the side curtain airbag mounting bolts (A).

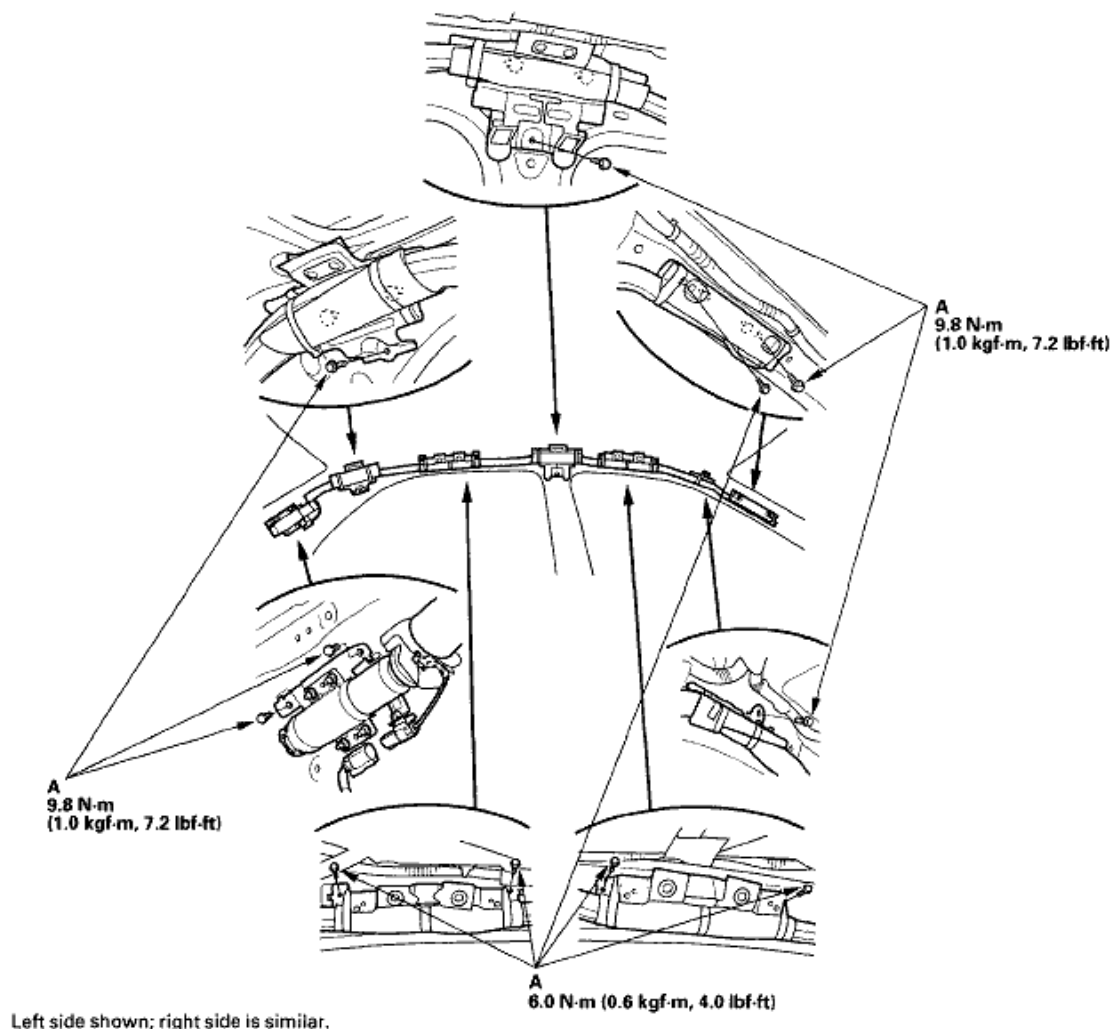
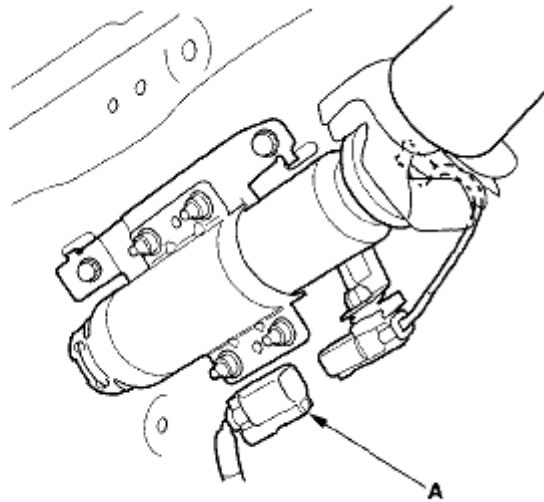


Fig. 208: Identifying Side Curtain Airbag Mounting Bolts With Torque Specifications
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Connect the side curtain airbag harness 2P connector (A) to the side curtain airbag.



Left side shown; right side is similar.

Fig. 209: Identifying Side Curtain Airbag Harness 2P Connector (A) And Side Curtain Airbag
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Reconnect the negative cable to the battery.
4. Connect the HDS and erase the DTCs.
5. After installing the side curtain airbag, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.
6. Install all removed parts.
7. Confirm proper headliner/pillar trim overlap (see **CHECKING AND ADJUSTING THE HEADLINER/PILLAR TRIM OVERLAP**).

AIRBAG AND TENSIONER DISPOSAL

Special Tools Required

Deployment tool 07HAZ-SG00500

Before scrapping any airbags, side airbags, side curtain airbags, or seat belt tensioners (including those in a whole vehicle to be scrapped), the part(s) must be deployed. If the vehicle is still within the warranty period, the Acura District Parts and Service Manager must give approval and/or special instruction before deploying the part(s). Only after the part(s) have been deployed (as the result of vehicle collision, for example), can they be scrapped. If the parts appear intact (not deployed), treat them with extreme caution. Follow this procedure.

DEPLOYING AIRBAGS IN THE VEHICLE

If an SRS equipped vehicle is to be entirely scrapped, its airbags, side airbags, side curtain airbags, and seat belt tensioners should be deployed while still in the vehicle. These parts should not be considered as salvageable parts and should never be installed in another vehicle.

1. Turn the ignition switch OFF, then disconnect the negative cable from the battery, then wait for 3 minutes before starting work.
2. Confirm that each airbag, side airbag, side curtain airbags, or seat belt tensioner is securely mounted.

3. Confirm that the deployment tool is functioning properly by following the check procedure on the tool label.

Driver's Airbag

4. Remove the access panel (A) from the steering wheel then disconnect the driver's airbag 4P connector (B) from the cable reel.

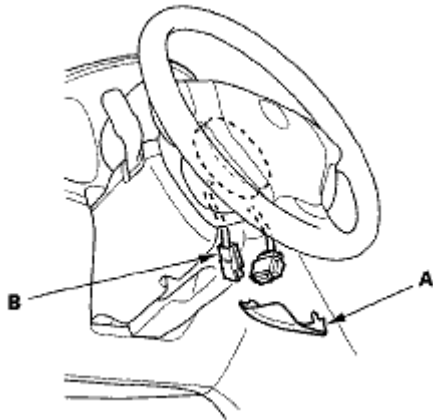


Fig. 210: Identifying Access Panel And Driver's Airbag 4P Connector
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Front Passenger's Airbag

5. Remove the glove box (see **GLOVE BOX REMOVAL/INSTALLATION**), and the glove box housing (see **GLOVE BOX HOUSING REMOVAL/INSTALLATION**), then disconnect the front passenger's airbag 4P connector (A) from dashboard wire harness.

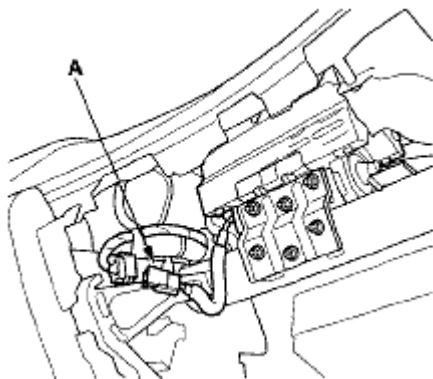


Fig. 211: Identifying Front Passenger's Airbag 4P Connector (A) And Dashboard Wire Harness
Courtesy of AMERICAN HONDA MOTOR CO., INC.

Side Airbag

6. Disconnect the side airbag 2P connector (A) from the floor wire harness.



Fig. 212: Identifying Side Airbag 2P Connector And Floor Wire Harness
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Side Curtain Airbag

7. Disconnect the side curtain airbag harness 2P connector (A) from the side curtain airbag.

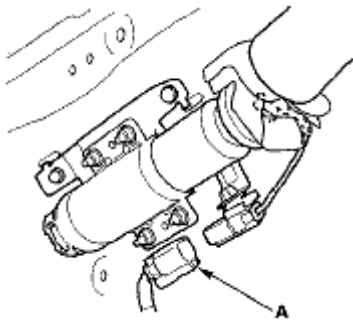


Fig. 213: Identifying Side Curtain Airbag Harness 2P Connector And Side Curtain Airbag
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

Seat Belt Tensioner

8. Disconnect the floor wire harness 4P connector (A) from the seat belt tensioner. Pull the seat belt out all the way and cut it.

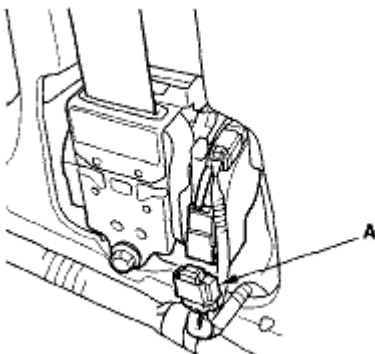


Fig. 214: Identifying Floor Wire Harness 4P Connector And Seat Belt Tensioner
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

9. Cut off each connector, strip the ends of the wires, and connect the deployment tool alligator clips (A)

to the wires. Place the deployment tool at least 30 feet (10 meters) away from the vehicle.

NOTE: The driver's and front passenger's airbags each have four wires, two yellow and two red. Twist together one yellow and one red wire, then twist the other yellow and red wires together, and connect an alligator clip to each pair of wires.

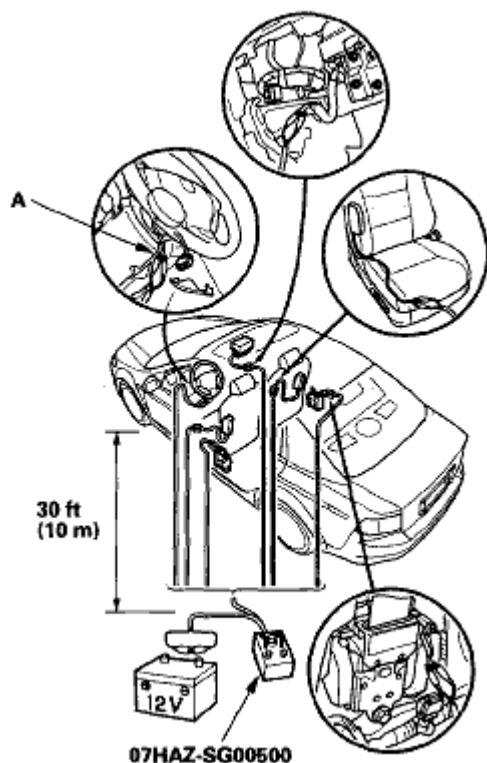


Fig. 215: Identifying Alligator Clips To Wires
Courtesy of AMERICAN HONDA MOTOR CO., INC.

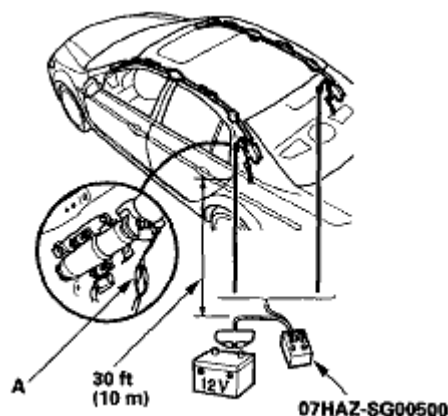


Fig. 216: Identifying Alligator Clips To Wires
Courtesy of AMERICAN HONDA MOTOR CO., INC.

10. Connect a 12 volt battery to the deployment tool.
 - If the green light on the tool comes on, the igniter circuit is defective and cannot deploy the

component. Go to **DISPOSAL OF DAMAGED COMPONENTS**.

- If the red light on the tool comes on, the component is ready to be deployed.
11. Push the tool's deployment switch. The airbags and tensioners should deploy (deployment is both highly audible and visible: a loud noise and rapid inflation of the bag, followed by slow deflation).
 - If the components deploy and the green light on the tool comes on, continue with this procedure.
 - If a component does not deploy, and the green light comes ON, its igniter is defective. Go to **DISPOSAL OF DAMAGED COMPONENTS**.
 - During deployment the airbags can become hot enough to burn you. Wait for 30 minutes after deployment before touching the airbags.
 12. Dispose of the complete airbag. No part of it can be reused. Place it in a sturdy plastic bag (A), and seal it securely. Dispose of the deployed airbag according to your local regulations.

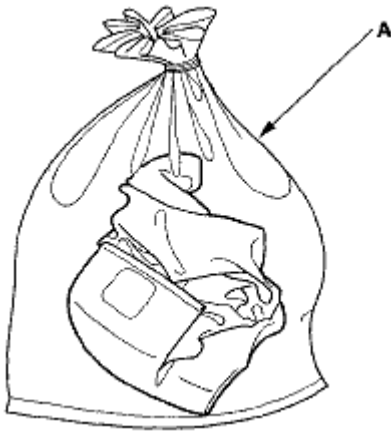


Fig. 217: Covering Airbag With Sturdy Plastic Bag
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

DEPLOYING COMPONENTS OUT OF THE VEHICLE

If an intact airbag or tensioner has been removed from a scrapped vehicle, or has been found defective or damaged during transit, storage, or service, it should be deployed as follows:

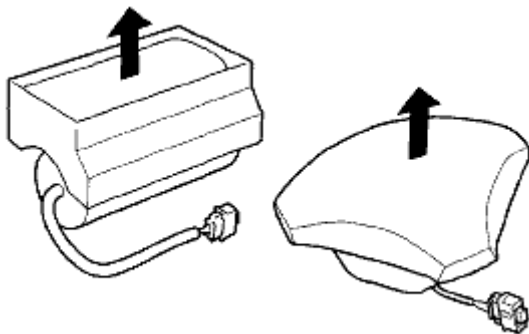


Fig. 218: Removing Airbag
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

1. Confirm that the deployment tool is functioning properly by following the check procedure in **DEPLOYMENT TOOL CHECK** or on the tool label.

2. Position the airbag face up, outdoors, on flat ground, at least 30 feet (10 meters) from any obstacles or people.
3. Follow steps 9 through 12 of **DEPLOYING AIRBAGS IN THE VEHICLE**.

NOTE: The driver's and front passenger's airbags have dual inflators. The like color wires go to the individual inflators.

DISPOSAL OF DAMAGED COMPONENTS

1. If installed in a vehicle, follow the removal procedure for the driver's airbag (see **DRIVER'S AIRBAG REPLACEMENT**), front passenger's airbag (see **FRONT PASSENGER'S AIRBAG REPLACEMENT**), side airbag (see **SIDE AIRBAG REPLACEMENT**), side curtain airbag (see **SIDE CURTAIN AIRBAG REPLACEMENT**), and seat belt tensioner (see **FRONT SEAT BELT REPLACEMENT**).
2. In all cases, make a short circuit by cutting, stripping, and twisting together the two inflator wires.

NOTE: The driver's and front passenger's airbags have dual inflators. The like color wires go to the individual inflators.

3. Package the component in exactly the same packaging that the new replacement part came in.
4. Mark the outside of the box "DAMAGED AIRBAG NOT DEPLOYED," "DAMAGED SIDE AIRBAG NOT DEPLOYED," "DAMAGED SIDE CURTAIN AIRBAG NOT DEPLOYED," "DAMAGED SEAT BELT TENSIONER NOT DEPLOYED" so it does not get confused with your parts stock.
5. Contact your Acura District Parts and Service Manager for how and where to return it for disposal.

DEPLOYMENT TOOL CHECK

1. Connect the yellow clips to both switch protector handles on the tool.
2. Then connect the red lead to the positive battery post and the black lead to the negative battery post.
3. Push the operation switch: The green light should come on, indicating that the tool is operating properly and is ready for use. If the red light stays on, the tool is faulty, and another one must be used for the procedure.
4. Disconnect the tool clips and connectors from the protector handles and the battery.

CABLE REEL REPLACEMENT

REMOVAL

1. Make sure the front wheels are aligned straight ahead.
2. Disconnect the negative cable from the battery, then wait for 3 minutes before starting work.
3. Remove the driver's airbag (see **DRIVER'S AIRBAG REPLACEMENT**).
4. Disconnect the connector (A) from the cable reel, then remove the steering wheel bolt (B).

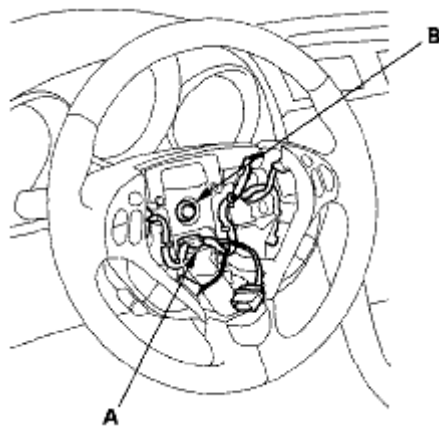


Fig. 219: Identifying Connector And Steering Wheel Bolt
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Confirm that the front wheels point straight ahead, then remove the steering wheel with a steering wheel puller (see step 6 on **STEERING WHEEL REMOVAL**). Do not tap on the steering wheel or steering column shaft when removing the steering wheel.
6. Carefully guide the driver's airbag connector through the opening in the steering wheel as you remove the steering wheel.
7. Remove the dashboard lower cover (A).

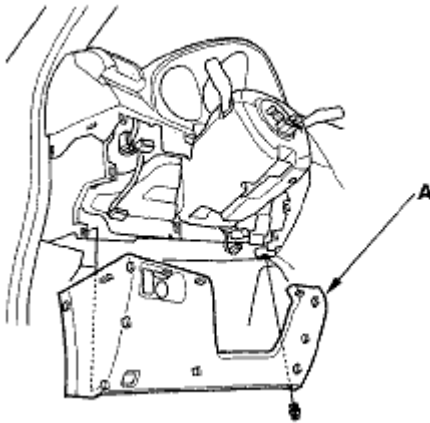


Fig. 220: Identifying Dashboard Lower Cover
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

8. Remove the column cover screws (A), then remove the column covers (B, C).

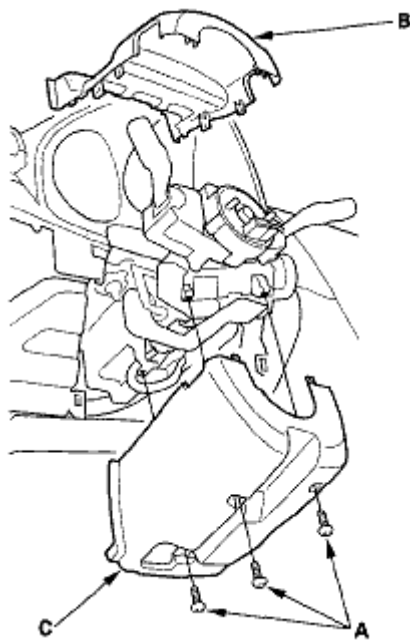


Fig. 221: Identifying Column Cover Screws And Column Covers (B, C)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

9. Disconnect the dashboard wire harness 4P connector (A) from the cable reel 4P connector (B), then disconnect the dashboard wire harness 13P connector (C) from the cable reel (D).

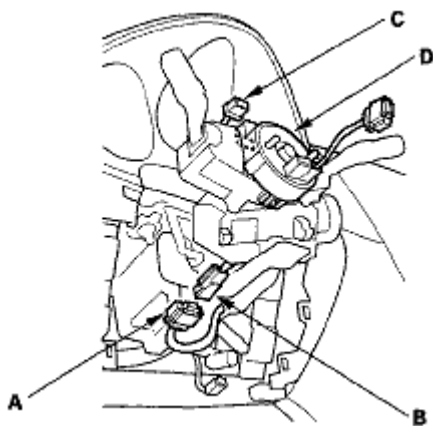


Fig. 222: Identifying Wire Harness 4P Connector, 4P Connector (B), 13P Connector And Cable Reel
Courtesy of AMERICAN HONDA MOTOR CO., INC.

10. Release the lock tab (A) under the cable reel connector with a 90 ° hook shaped tool (B). Slide the tool below the cable reel connector just above the lock tab. Release the lower lock tab (C), and slide the cable reel off the column.

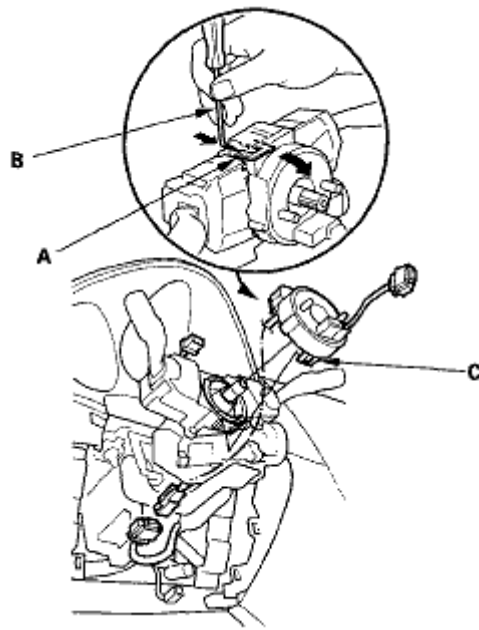


Fig. 223: Releasing Lock Tab

Courtesy of AMERICAN HONDA MOTOR CO., INC.

INSTALLATION

1. Before installing the steering wheel, align the front wheels straight ahead.
2. If not already done, disconnect the negative cable from the battery, then wait for 3 minutes.
3. Set the turn signal cancelling sleeve (A) so that the projections (B) are aligned vertically.

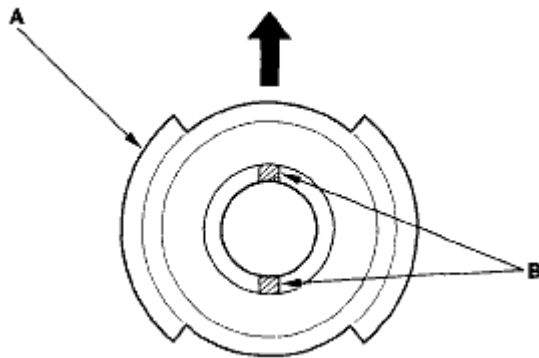


Fig. 224: Turning Signal Cancelling Sleeve

Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Carefully install the cable reel (A) on the steering column shaft. Then connect 13P connector (B) to the cable reel, and connect the 4P connector (C) to the dashboard wire harness 4P connector (D).

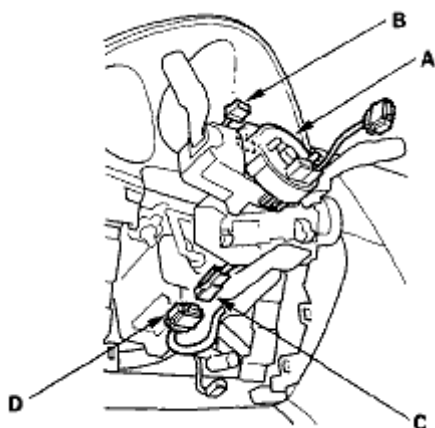


Fig. 225: Identifying Cable Reel, 13P Connector And 4P Connector
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Install the steering column covers.
6. If necessary, center the cable reel (New replacement cable reels come centered.). Do this by first rotating the cable reel clockwise until it stops. Then rotate it counterclockwise (about 3 turns) until the arrow mark (A) on the cable reel label points straight up.

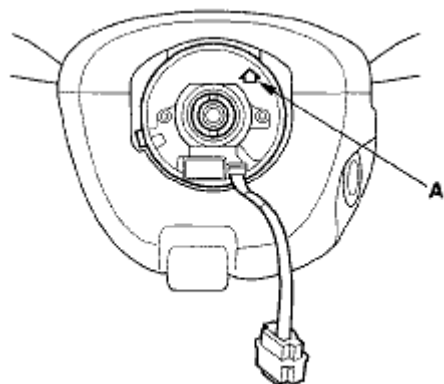


Fig. 226: Identifying Mark On Cable Reel Label Points
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

7. Align the projections on the cable reel with the holes on the steering wheel, and install the steering wheel with a new steering wheel bolt (A), then reconnect the connector.

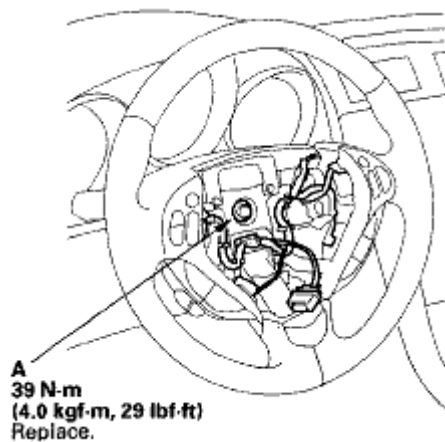


Fig. 227: Identifying Steering Wheel Bolt With Torque Specifications
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

8. Install the driver's airbag (see **DRIVER'S AIRBAG REPLACEMENT**).
9. Reconnect the negative cable to the battery.
10. Connect the HDS and clear the DTCs.
11. After installing the cable reel, confirm proper system operation:
 - Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.
 - After the SRS indicator has turned off, turn the steering wheel fully left and right to confirm the SRS indicator does not come on.
 - Make sure the horn and turn signal switches work properly.
 - Make sure the cruise control works.
 - Make sure the steering wheel audio controls work.
 - Make sure the Hands Free Link system works.
 - Make sure there are no DTCs.

SRS UNIT REPLACEMENT

REMOVAL

NOTE: If you are only disconnecting SRS unit connector A, skip step 2.

1. Disconnect the negative cable from the battery, then wait for 3 minutes before starting work.
2. Disconnect both seat belt tensioner connectors (see step 6 on **DISCONNECTING SYSTEM CONNECTORS**).
3. Remove the center console rear section (see **CENTER CONSOLE REAR SECTION REMOVAL/INSTALLATION**).
4. Remove the center console panel (see **CENTER CONSOLE PANEL REMOVAL/INSTALLATION**).
5. Remove the heater ducts.
6. Disconnect SRS unit connector A (28P), SRS unit connector B (28P), SRS unit connector C (16P), and remove the TORX bolts (D), then pull out the SRS unit.

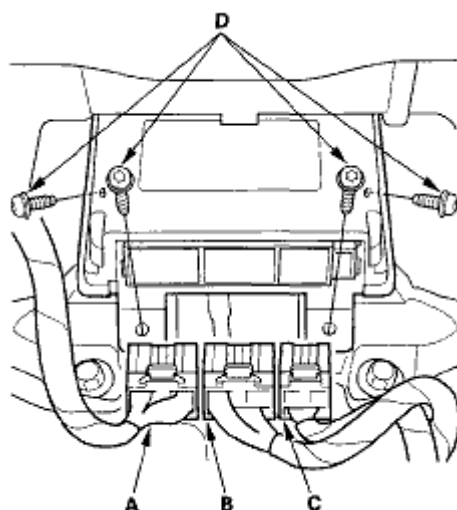


Fig. 228: Identifying SRS Unit

Courtesy of AMERICAN HONDA MOTOR CO., INC.

INSTALLATION

1. Install the new SRS unit (A) with TORX bolts (B), then connect the connectors (C) to the SRS unit; push them into position until they click.

NOTE: Be sure the SRS unit is sitting squarely against it's bracket before torquing the TORX bolts.

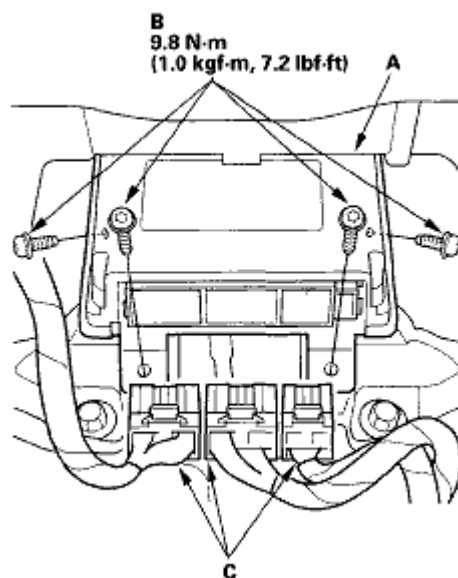


Fig. 229: Identifying SRS Unit, TORX Bolts And Connector With Torque Specifications

Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Reconnect both seat belt tensioner connectors (see step 6 on **DISCONNECTING SYSTEM CONNECTORS**).
3. Reconnect the negative cable to the battery.
4. Calibrate the ODS unit (see **ODS UNIT CALIBRATION**).

- Do the ODS unit operation check (see ODS UNIT OPERATION CHECK).

NOTE: This is necessary for registration of serial IDs.

- Install all removed parts.
- After installing the SRS unit, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.

SIDE IMPACT SENSOR (FIRST) REPLACEMENT

NOTE: Review the seat replacement procedure (see FRONT SEAT REMOVAL/INSTALLATION) before doing repairs or service.

REMOVAL

- Disconnect the negative cable from the battery, then wait for 3 minutes before starting work.
- Disconnect the appropriate side airbag 2P connector (see GENERAL TROUBLESHOOTING INFORMATION).
- Remove the seat assembly (see FRONT SEAT REMOVAL/INSTALLATION).
- Remove the front door sill trim (see step 2 on TRIM REMOVAL/INSTALLATION - DOOR AREAS) and the B-pillar lower trim panel (see B-PILLAR UPPER/LOWER TRIM).
- Disconnect the floor wire harness 2P connector from the side impact sensor (first).
- Using a TORX T30 bit, remove the TORX bolts (A), then remove the side impact sensor (first) (B).

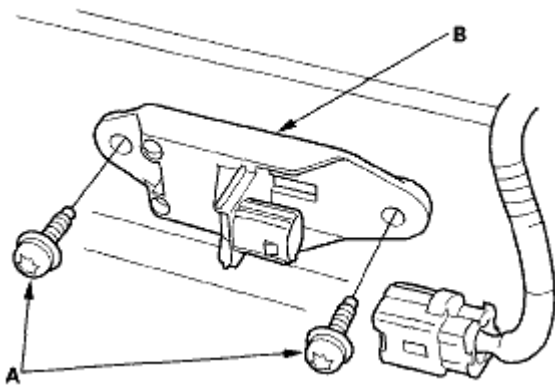


Fig. 230: Identifying TORX Bolts And Side Impact Sensor (First)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

INSTALLATION

- Install the new side impact sensor (first) with TORX bolts (A), then connect the floor wire harness 2P connector (B) to the side impact sensor (first).

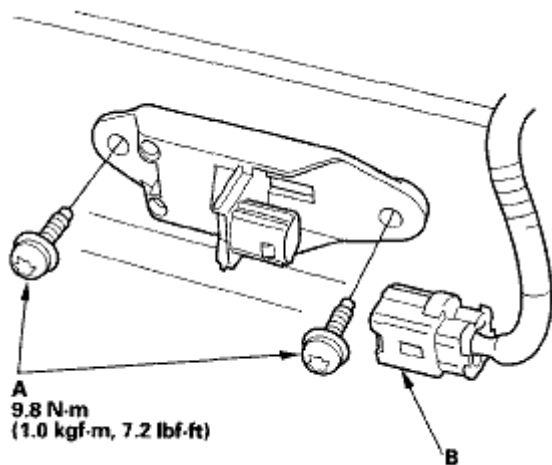


Fig. 231: Identifying TORX Bolts And Floor Wire Harness 2P Connector With Torque Specifications

Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Reconnect the negative cable to the battery.
3. Install all removed parts.
4. After installing the side impact sensor (first), confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.

SIDE IMPACT SENSOR (SECOND) REPLACEMENT

REMOVAL

1. Disconnect the negative cable from the battery, then wait for 3 minutes before starting work.
2. Disconnect the appropriate side curtain airbag 2P connector (see step 5 on **DISCONNECTING SYSTEM CONNECTORS**).
3. Disconnect the side impact sensor (second) 2P connector (A) from the side curtain airbag harness.

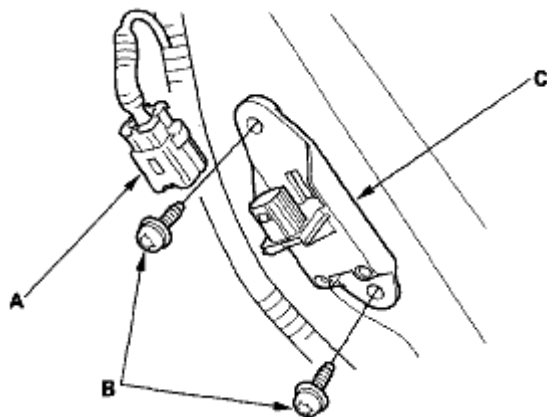


Fig. 232: Identifying Impact Sensor (Second) 2P Connector And Side Curtain Airbag Harness
Courtesy of AMERICAN HONDA MOTOR CO., INC.

4. Using a TORX T30 bit, remove the TORX bolts (B), then remove the side impact sensor (second) (C).

INSTALLATION

1. Install the new side impact sensor (second) (A) with TORX bolts (B) then connect the side curtain airbag harness 2P connector (C) to the side impact sensor.

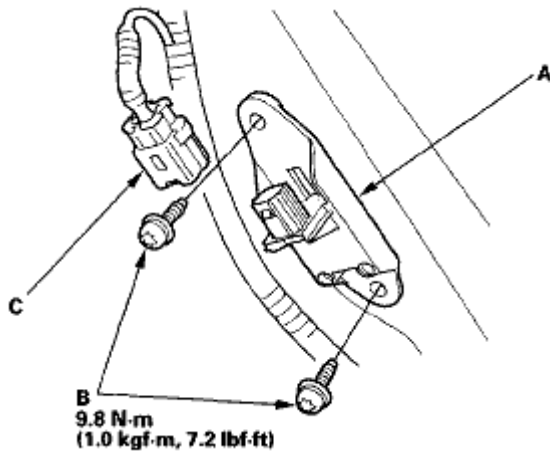


Fig. 233: Identifying Side Impact Sensor (Second) With TORX Bolts, Side Curtain Airbag Harness 2P Connector With Torque Specifications
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Reconnect the negative cable to the battery.
3. Install all removed parts.
4. After installing the side impact sensor (second), confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.

FRONT PASSENGER'S WEIGHT SENSOR REPLACEMENT

REMOVAL

NOTE: Removal of the front passenger's weight sensors must be done according to Precautions and Procedures (see PRECAUTIONS AND PROCEDURES).

1. Disconnect the negative cable from the battery, then wait for 3 minutes before starting work.
2. Remove the front passenger's seat assembly (see FRONT SEAT REMOVAL/INSTALLATION).
3. Remove the cushion cover/pad from the seat cushion frame (see FRONT SEAT CUSHION COVER REPLACEMENT).
4. Using a TORX T30 bit, remove the 6 mm TORX bolts (A) and using a TORX T40 bit, remove the 8 mm TORX bolts (B) that attach the seat track (C) to the weight sensors (D).

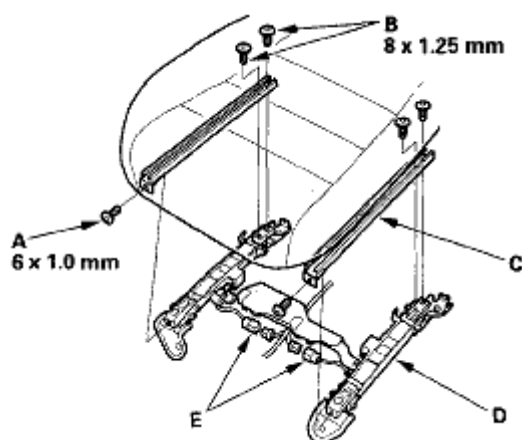


Fig. 234: Identifying TORX Bolts, Seat Track And Weight Sensors
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Disconnect the sensor connectors (E) from the ODS unit harness, then remove the front passenger's weight sensors.

INSTALLATION

NOTE:

- Be sure to install the harness wires so they are not pinched or interfering with other parts.
- Make sure both of the hooks (A) on the seat track are properly secured to the front bracket (B). If the hooks are not properly secured, the front passenger's weight sensors will not function properly.

1. Install the new front passenger's weight sensors with tamper-resistant 6 mm TORX bolts (C) and 8 mm TORX bolts (D) under the seat track.

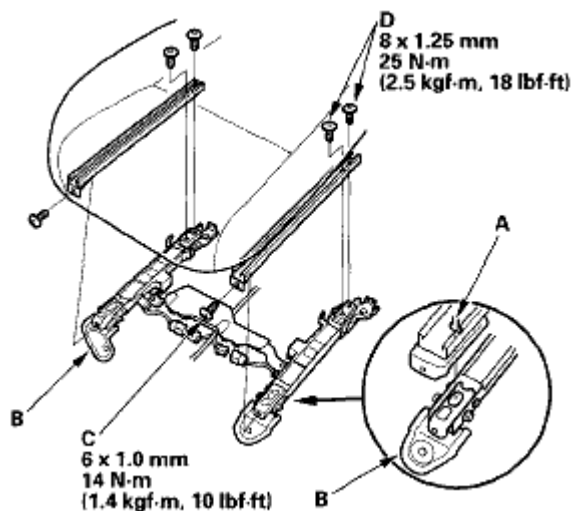


Fig. 235: Identifying TORX Bolts With Torque Specifications
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Reassemble the front passenger's seat cushion cover/pad (see **FRONT SEAT CUSHION COVER**

REPLACEMENT).

3. Reinstall the front passenger's seat (see **FRONT SEAT REMOVAL/INSTALLATION**).
4. Reconnect the negative cable to the battery.
5. Calibrate the ODS unit (see **ODS UNIT CALIBRATION**).
6. After installing the front passenger's weight sensors, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come ON for about 6 seconds and then go off.

ODS UNIT REPLACEMENT

NOTE: Review the seat replacement procedure (see **FRONT SEAT REMOVAL/INSTALLATION**) before doing repairs or service.

REMOVAL

1. Disconnect the negative cable from the battery, then wait for 3 minutes before starting work.
2. Disconnect the front passenger's side airbag 2P connector (see step 4 on **DISCONNECTING SYSTEM CONNECTORS**).
3. Remove the passenger's seat assembly (see **FRONT SEAT REMOVAL/INSTALLATION**) and seat-back cover (see **FRONT SEAT-BACK COVER REPLACEMENT**).
4. Remove the cover (A), disconnect the ODS unit 18P connector (B) and sensor connectors (C) from the ODS unit (D).

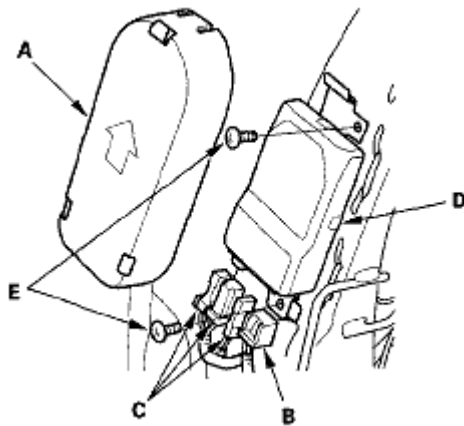


Fig. 236: Identifying Cover, ODS Unit 18P Connector And Sensor Connectors
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Remove the two screws (E) and the ODS unit.

INSTALLATION

1. Place the new ODS unit (A) on the seat-back frame. Tighten the two screws (B), and connect the ODS unit harness 18P connector (C) and sensor connectors (D) to the ODS unit. Reinstall the cover (E).

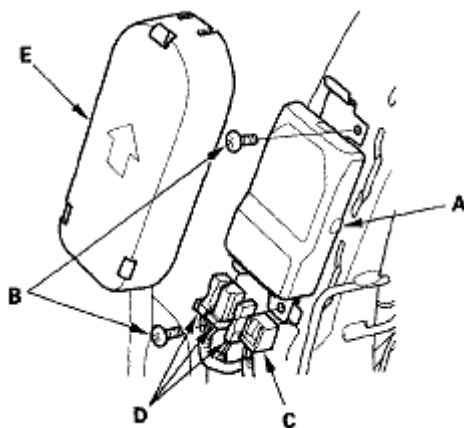


Fig. 237: Identifying ODS Unit, ODS Unit Harness 18P Connector And Sensor Connectors
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Install the seat-back cover in the reverse order of removal.
3. Install the seat assembly (see **FRONT SEAT REMOVAL/INSTALLATION**), then connect the side airbag 2P connector.
4. Reconnect the negative cable to the battery.
5. Set the seat-back in the normal position, and make sure there is nothing on the front passenger's seat.
6. Initialize the ODS unit (see **ODS UNIT INITIALIZATION**).
7. Calibrating the ODS unit (see **ODS UNIT CALIBRATION**).
8. After installing the ODS unit, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.

FRONT IMPACT SENSOR REPLACEMENT

REMOVAL

1. Disconnect the negative cable from the battery, then wait for 3 minutes before starting work.
2. Disconnect the driver's airbag 4P connector, the front passenger's airbag 4P connector (see **GENERAL TROUBLESHOOTING INFORMATION**), and both seat belt tensioner 4P connectors (see step 6 on **DISCONNECTING SYSTEM CONNECTORS**).
3. Remove the front bumper (see **FRONT BUMPER REMOVAL/INSTALLATION**).
4. On the driver's side, loosen the intake resonator rear mounting bolts to gain access to the impact sensor.
5. On the passenger's side, remove the windshield washer reservoir (see **WASHER RESERVOIR REPLACEMENT**) to gain access to the impact sensor.
6. Disconnect the engine compartment wire harness 2P connector (A), and using a TORX T30 bit, remove the two TORX bolts (B), then remove the front impact sensor (C).

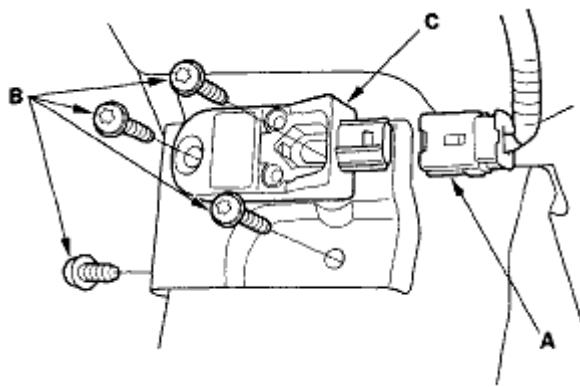


Fig. 238: Identifying Front Impact Sensor And TORX Bolts
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

INSTALLATION

1. Install the new front impact sensor with new TORX bolts (A), then connect the engine compartment wire harness 2P connector (B) to the front impact sensor (C).

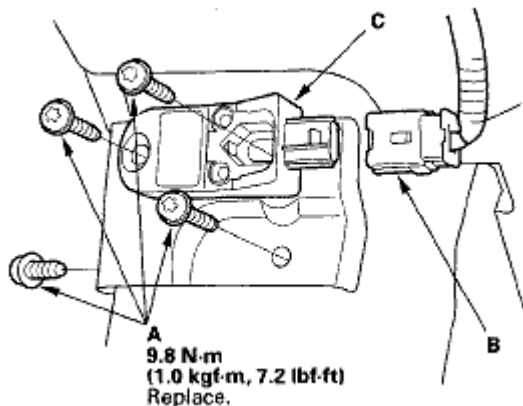


Fig. 239: Identifying Wire Harness 2P Connector And Front Impact Sensor With Torque Specifications
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Reconnect the driver's airbag 4P connector, the front passenger's airbag 4P connector (see **GENERAL TROUBLESHOOTING INFORMATION**), and both seat belt tensioner 4P connectors (see step 6 on **DISCONNECTING SYSTEM CONNECTORS**).
3. Reconnect the negative cable to the battery.
4. Install all removed parts.
5. After installing the front impact sensor, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.

DRIVER'S SEAT POSITION SENSOR REPLACEMENT

REMOVAL

NOTE:

- Removal of the driver's seat position sensor must be performed

according to the precautions/procedures described in **PRECAUTIONS AND PROCEDURES** .

- Before disconnecting the driver's seat position sensor 2P connector, disconnect the driver's airbag 4P connector.
- Do not turn the ignition switch ON (II), and do not connect the battery cable while removing the driver's seat position sensor.

1. Disconnect the negative cable from the battery, then wait for 3 minutes before starting work.
2. Disconnect the driver's airbag 4P connector (see step 2 on **DISCONNECTING SYSTEM CONNECTORS**).
3. Remove the driver's seat assembly (see **FRONT SEAT REMOVAL/INSTALLATION**).
4. Remove the bolt and nut from the inner seat track' of the driver's seat linkage.

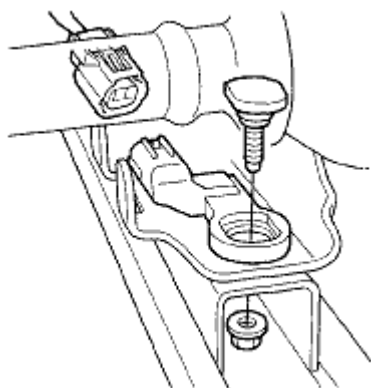


Fig. 240: Identifying Bolt And Nut From Inner Seat Track' Of Driver's Seat Linkage
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Remove the driver's seat position sensor.

INSTALLATION

NOTE:

- Be sure to install the harness wires so they are not pinched or interfering with other parts.
- Do not turn the ignition switch ON (II), and do not connect the battery cable while installing the driver's seat position sensor. -
- After installing the driver's seat position sensor, make sure it is clean. Keep it away from dust.

1. Install the new driver's seat position sensor, then connect the driver's seat position sensor harness 2P connector to the driver's seat position sensor (A).

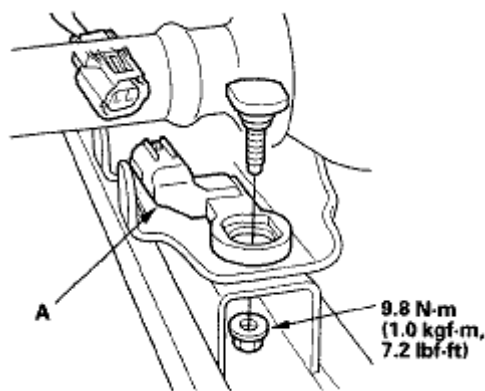


Fig. 241: Identifying Driver's Seat Position Sensor Harness 2P Connector And Driver's Seat Position Sensor With Torque Specifications

Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Install the driver's seat assembly (see FRONT SEAT REMOVAL/INSTALLATION).
3. Reconnect the negative cable to the battery.
4. Check the operation of the driver's seat position sensor with the HDS (see DRIVER'S SEAT POSITION SENSOR OPERATION CHECK).

PASSENGER'S AIRBAG CUTOFF INDICATOR ILLUMINATION BULB TEST

1. Remove the dashboard center vent (see DRIVER'S DASHBOARD UNDERCOVER REMOVAL/INSTALLATION).
2. Push out the passenger's airbag cutoff indicator from behind the dashboard center vent.

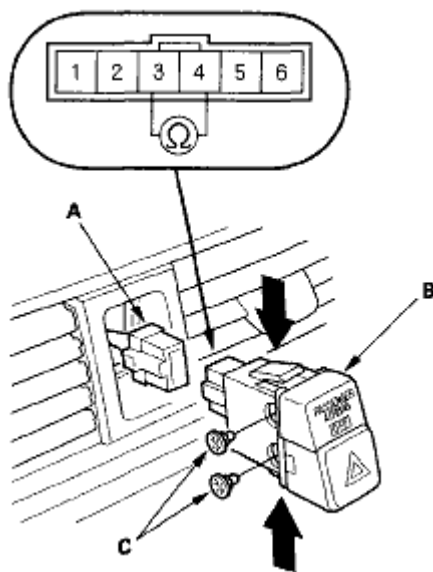


Fig. 242: Pushing Passenger's Airbag Cutoff Indicator And Dashboard Center Vent

Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Disconnect the 6P connector (A) from the passenger's airbag cutoff indicator (B).
4. Measure the continuity between the No. 3 and No. 4 terminals of the indicator. If there is no

continuity, replace the bulbs (C).

NOTE: Both illumination bulbs are connected in parallel. If there is continuity, remove the lower, hazard switch illumination bulb, and recheck for continuity. If there is no continuity, replace the upper, passenger's airbag cutoff indicator illumination bulb.

5. Install the parts in the reverse order of removal.