

Restraints

Restraints

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Seat Belts

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SRS (Supplemental Restraint System)

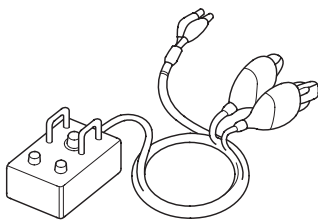
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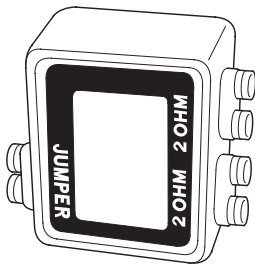
Restraints

Special Tools

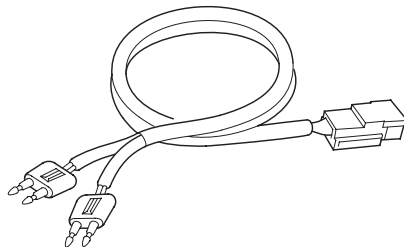
Ref. No.	Tool Number	Description	Qty
①	07HAZ-SG00500	Deployment Tool	1
②	07SAZ-TB4011A	SRS Inflator Simulator	1
③	070AZ-SNAA100	SRS Simulator Lead J	1
④	07TAZ-001020A	Backprobe Adapter, 17 mm	2
⑤	070AZ-SNAA200	SRS Simulator Lead K	1
⑥	070AZ-SNAA300	SRS Simulator Lead L	1
⑦	070AZ-SAA0100	SRS Short Cancellor	2
⑧	07744-0010300	Pin Driver, 3.5 mm	1
⑨	07PAZ-001010A	SCS Service Connector	1



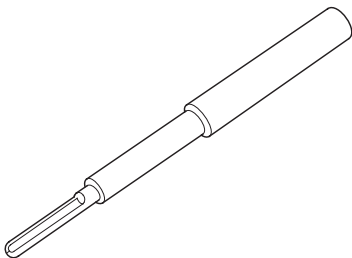
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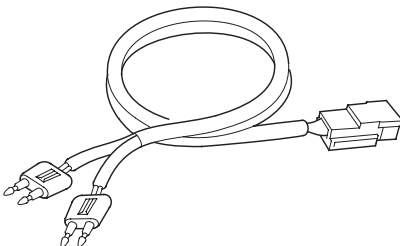
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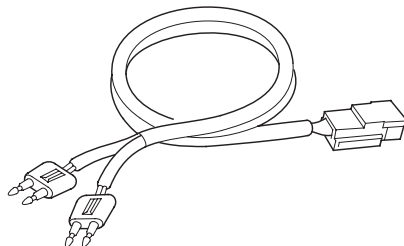
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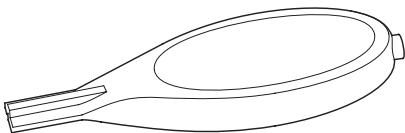
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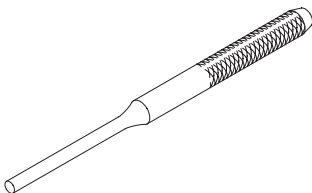
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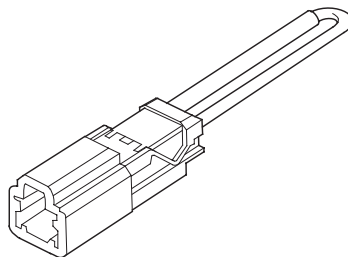
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⑦



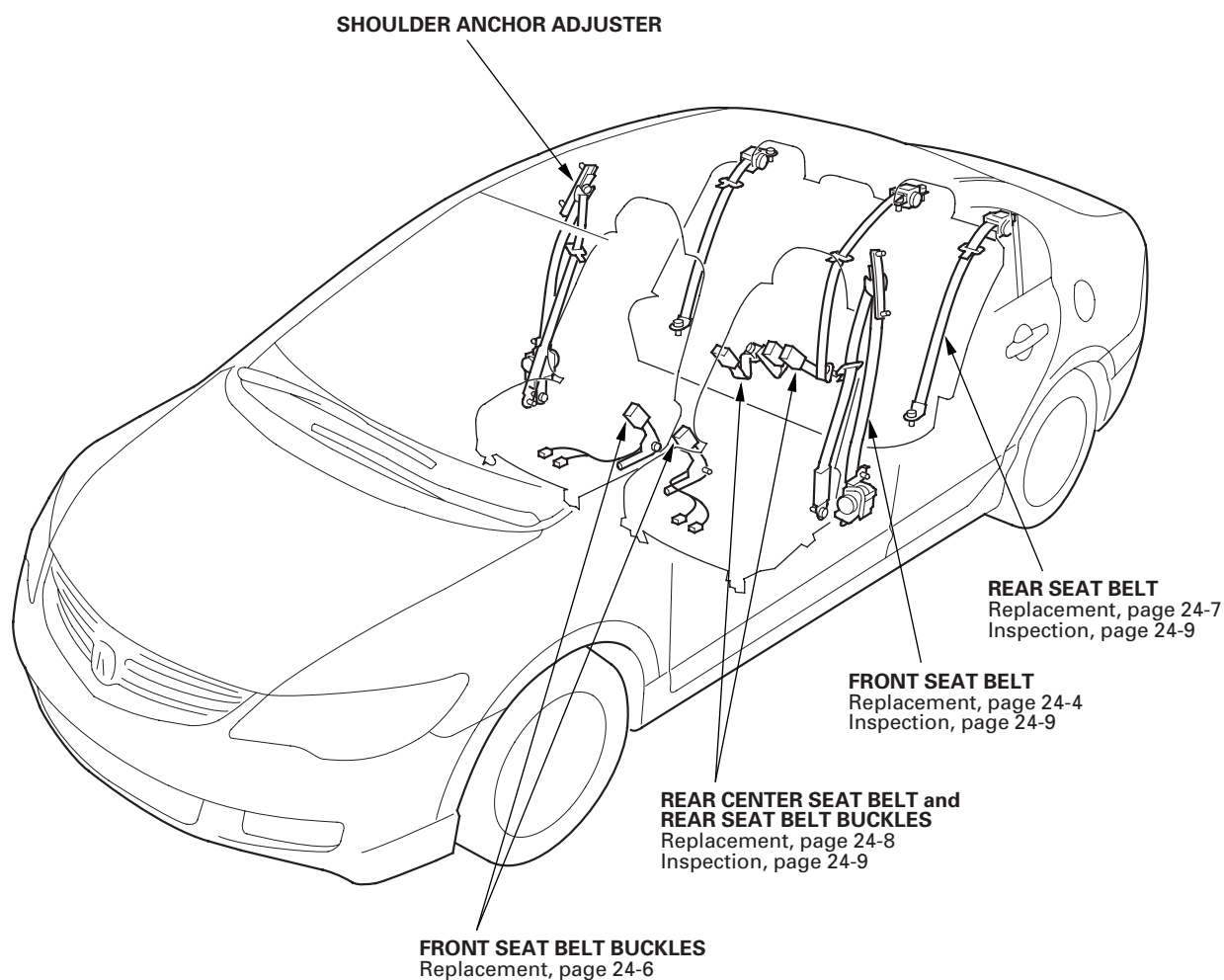
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Component Location Index



Seat Belts

Front Seat Belt Replacement

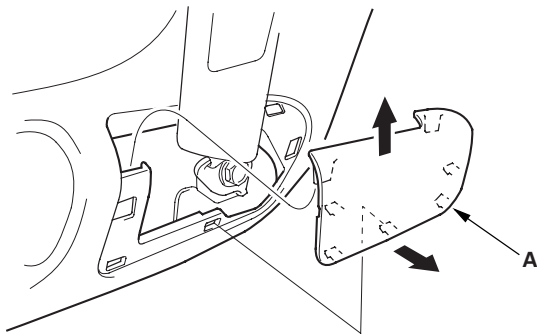
Front Seat Belt

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

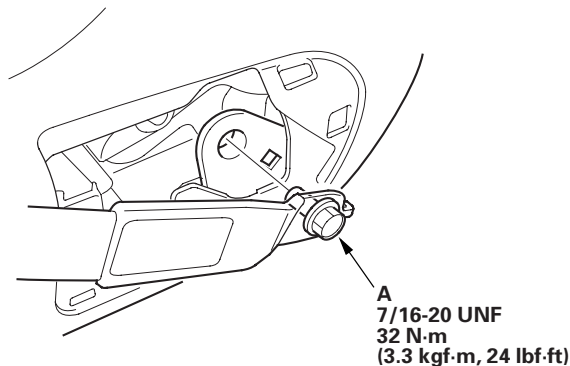
NOTE:

- Check the front seat belts for damage (see page 24-9), and replace them if necessary.
- If replacing the front seat belt after deployment, refer to Component Replacement/Inspection After Deployment (see page 24-185) for a complete list of other parts that must also be be replaced.

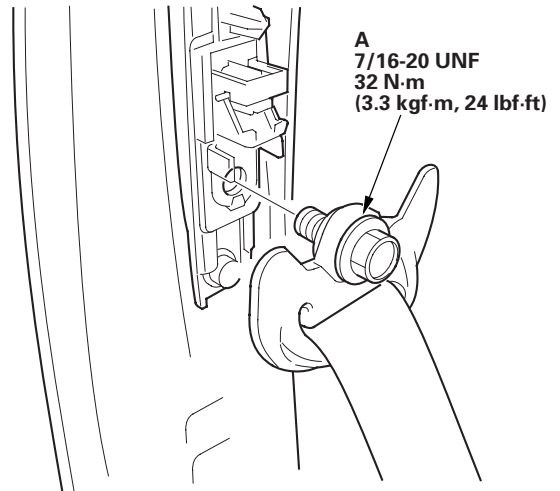
1. Do the battery terminal disconnection procedure (see page 22-68), and wait at least 3 minutes before beginning work.
2. Slide the front seat forward fully, and remove the anchor cover (A).



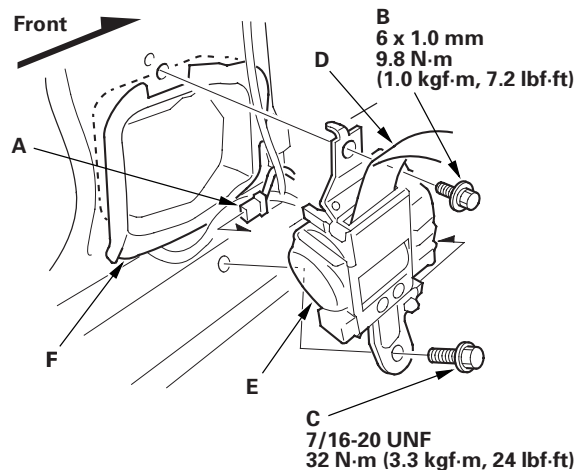
3. Remove the lower anchor bolt (A).



4. Remove the B-pillar lower trim (see page 20-72).
5. Remove the B-pillar upper trim and slider (see page 20-72).
6. Remove the upper anchor bolt (A).



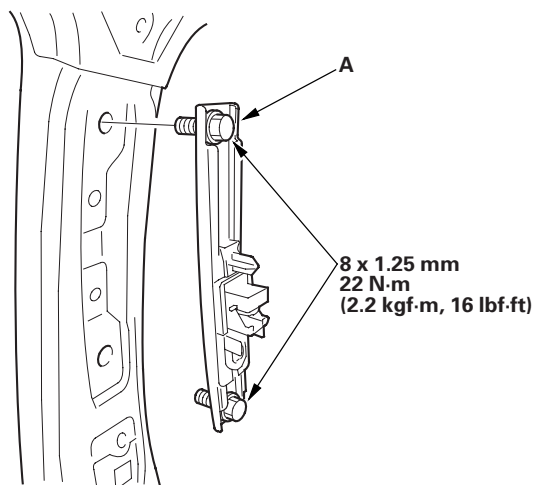
7. Disconnect the seat belt tensioner connector (A). Remove the upper retractor mounting bolt (B) and the lower retractor bolt (C), then remove the front seat belt (D) and retractor (E).



8. If necessary, remove the front seat belt protector (F).



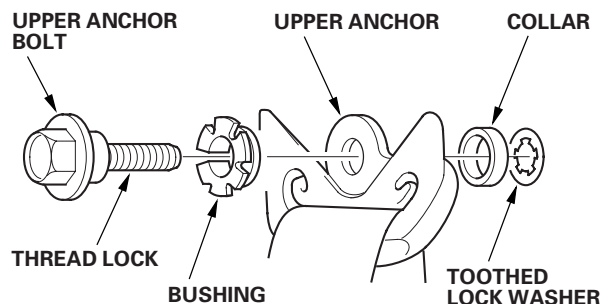
9. Remove the shoulder anchor adjuster (A).



10. Install the seat belt in the reverse order of removal, and note these items:

- Apply medium strength liquid thread lock to the anchor bolts before reinstallation.
- Tighten the bolts by hand first, then tighten to the specification with a torque wrench.
- Check that the retractor locking mechanism functions as described (see page 24-9).
- Assemble the washer, collar, and bushing on the upper anchor bolt as shown.
- If the seat belt tensioner has been deployed, replace the front seat belt protector with a new one.
- Before installing the anchor bolts, make sure there are no twists or kinks in the seat belt.
- Make sure the seat belt tensioner connector is properly plugged in.
- Check for any DTCs that may have been set during repairs, and clear them using the HDS.
- Do the battery terminal reconnection procedure (see page 22-68).

Upper anchor bolt installation



(cont'd)

Seat Belts

Front Seat Belt Replacement (cont'd)

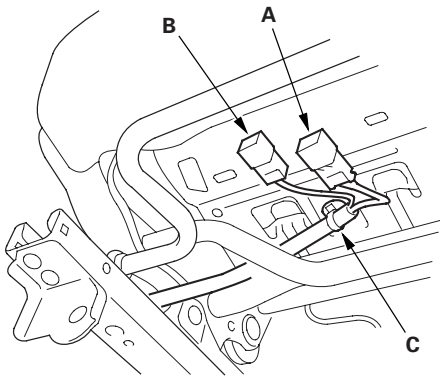
Front Seat Belt Buckle

SRS components are located in this area. Review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

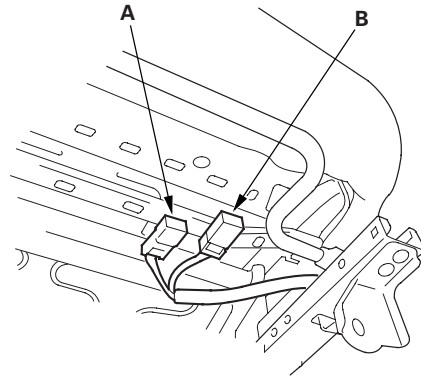
NOTE: If replacing the front seat belt after deployment, refer to Component Replacement/Inspection After Deployment (see page 24-185) for a complete list of other parts that must also be be replaced.

1. Do the battery terminal disconnection procedure (see page 22-68), and wait at least 3 minutes before beginning work.
2. Remove the front seat (see page 20-118).
3. Lift up the front seat, then detach the seat belt switch connector (A) and seat belt buckle tensioner connector (B), and on the driver's seat, detach the harness clip (C).

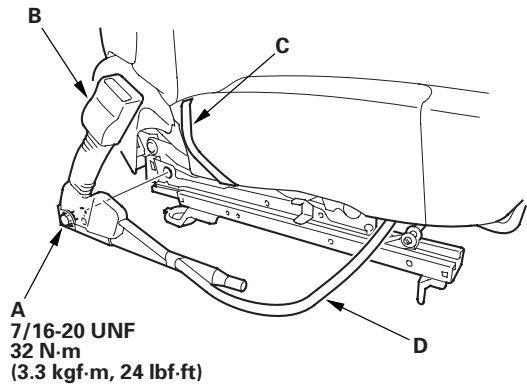
Driver's seat



Passenger's seat



4. Remove the center anchor bolt (A), then remove the seat belt buckle (B) from the elastic band (C).



5. Pull the seat belt switch harness (D) out through the space between the seat cushion and the seat track (driver's seat), or through the hole in the seat track (passenger's seat).

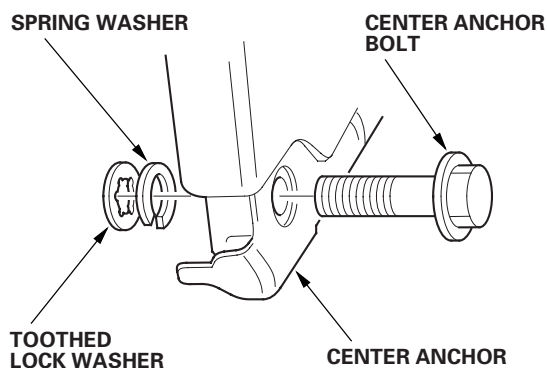


Rear Seat Belt Replacement

6. Install the buckle in the reverse order of removal, and note these items:

- Assemble the washers on the center anchor bolt as shown.
- Apply medium strength liquid thread lock to the center anchor bolt before reinstallation.
- Tighten the bolts by hand first, then tighten to specification with a torque wrench.
- Make sure the seat belt switch connector and seat belt buckle tensioner connector are plugged in properly.
- Check for any DTCs that may have been set during repairs, and clear them using the HDS.
- Do the battery terminal reconnection procedure (see page 22-68).

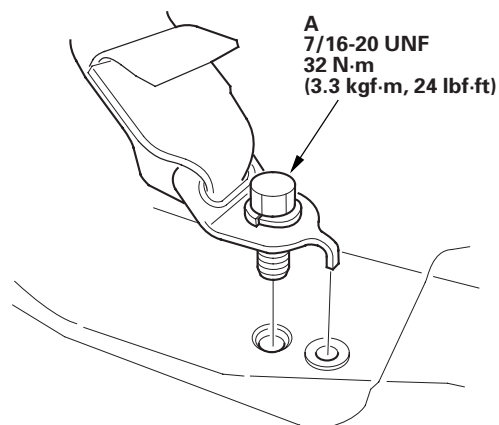
Center anchor bolt installation



NOTE: Check the second row seat belts for damage, and replace them if necessary.

Rear Seat Belt

1. Remove the rear seat cushion (see page 20-133).
2. Remove the lower anchor bolt (A).



3. Remove these items:

- Rear seat side bolsters, both sides (see page 20-134)
- C-pillar trim, both sides (see page 20-75)
- Rear shelf (see page 20-78)

(cont'd)

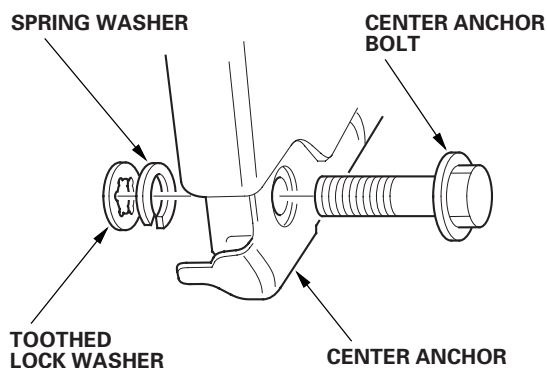


Rear Seat Belt Replacement

6. Install the buckle in the reverse order of removal, and note these items:

- Assemble the washers on the center anchor bolt as shown.
- Apply medium strength liquid thread lock to the center anchor bolt before reinstallation.
- Tighten the bolts by hand first, then tighten to specification with a torque wrench.
- Make sure the seat belt switch connector and seat belt buckle tensioner connector are plugged in properly.
- Check for any DTCs that may have been set during repairs, and clear them using the HDS.
- Do the battery terminal reconnection procedure (see page 22-68).

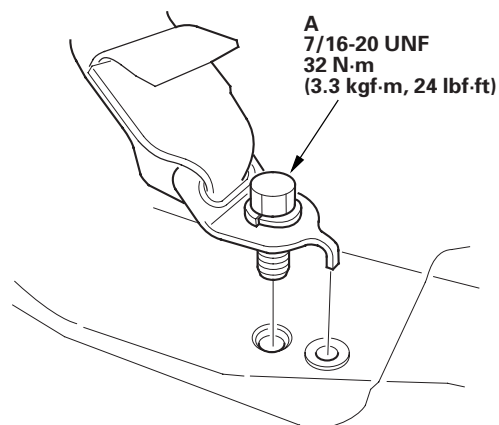
Center anchor bolt installation



NOTE: Check the second row seat belts for damage, and replace them if necessary.

Rear Seat Belt

1. Remove the rear seat cushion (see page 20-133).
2. Remove the lower anchor bolt (A).



3. Remove these items:

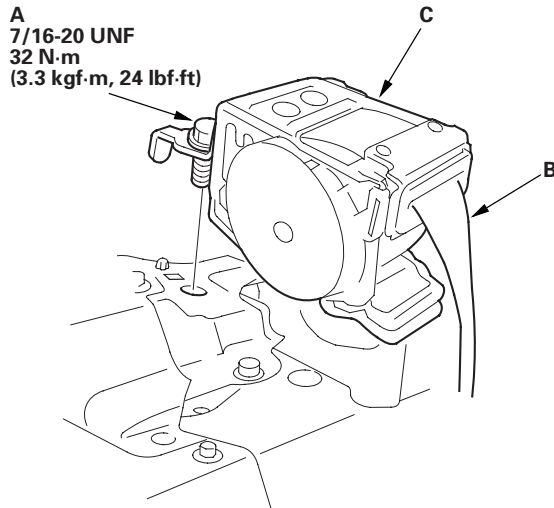
- Rear seat side bolsters, both sides (see page 20-134)
- C-pillar trim, both sides (see page 20-75)
- Rear shelf (see page 20-78)

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Seat Belts

Rear Seat Belt Replacement (cont'd)

4. Remove the retractor bolt (A), then remove the rear seat belt (B) and retractor (C).

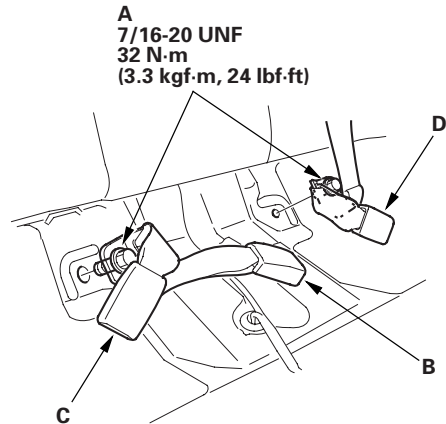


5. Install the rear seat belt and retractor in the reverse order of removal, and note these items:

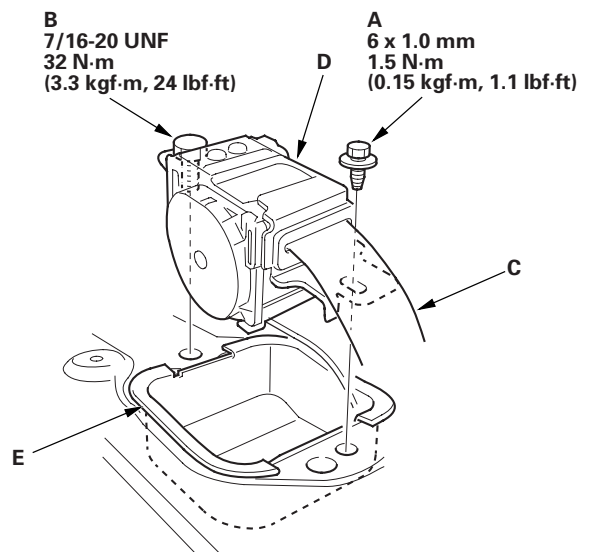
- Apply medium strength liquid thread lock to the anchor bolts before reinstallation.
- Check that the retractor locking mechanism functions as described (see page 24-9).
- Before installing the anchor bolt, make sure there are no twists or kinks in the rear seat belt.

Center Seat Belt and Seat Belt Buckles

1. Remove the rear seat cushion (see page 20-133).
2. Remove the center anchor bolts (A), then remove the right seat belt buckle (B), center seat belt buckle (C), and left seat belt buckle (D).



3. Fold both rear seat-backs forward.
4. Remove the rear shelf (see page 20-78).
5. Remove the retractor mounting ET screw (A) and the retractor bolt (B), then remove the rear seat belt (C) and retractor (D).



6. Remove the rear center seat belt protector (E).



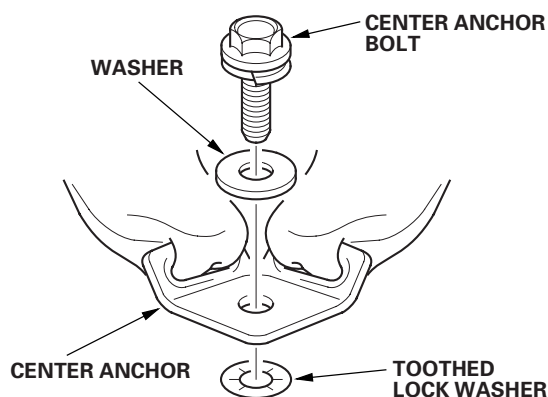
Inspection

7. Install the seat belt and buckles in the reverse order of removal, and note these items:

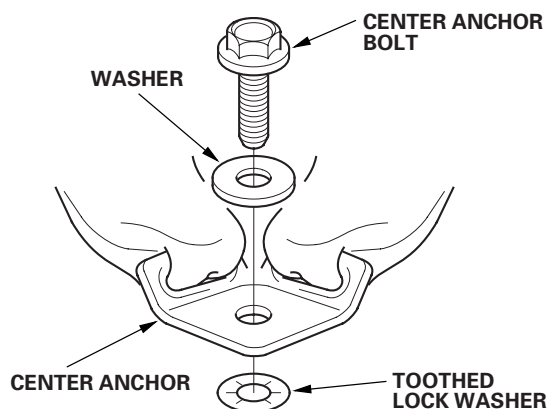
- If the threads on a retractor mounting ET screw are worn out, use an oversized selftapping ET screw (P/N 90133-SZ4-003) made specifically for this application.
- Apply medium strength liquid thread lock to the center anchor bolt before reinstallation.
- Tighten the bolt by hand first, then tighten to the specified torque.
- Check that the retractor locking mechanism functions as described (see page 24-9).
- Assemble the washers on the center anchor bolt as shown.
- Before installing the center anchor bolt, make sure there are no twists or kinks in the center belt.
- Make sure the rear center emergency locking retractor (ELR) is pointing straight forward.

Center anchor bolt installation

'06 model



'07-09 models



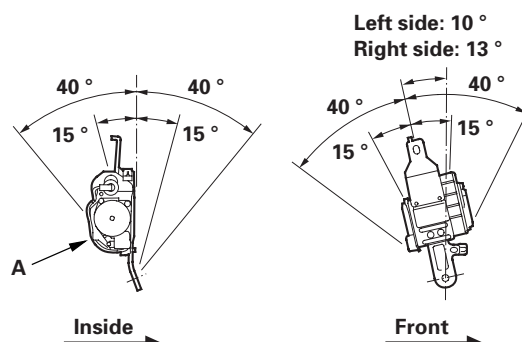
Out of Vehicle

For front seat belt retractor with seat belt tensioner, review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

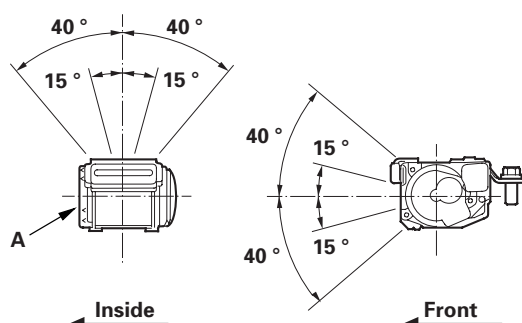
Retractor

1. Before installing the retractor, check that the seat belt can be pulled out freely.
2. Make sure that the seat belt does not lock when the retractor (A) is leaned slowly up to 15° from the mounted position. The seat belt should lock when the retractor is leaned over 40°. Do not attempt to disassemble the retractor.

Front



Rear



(cont'd)

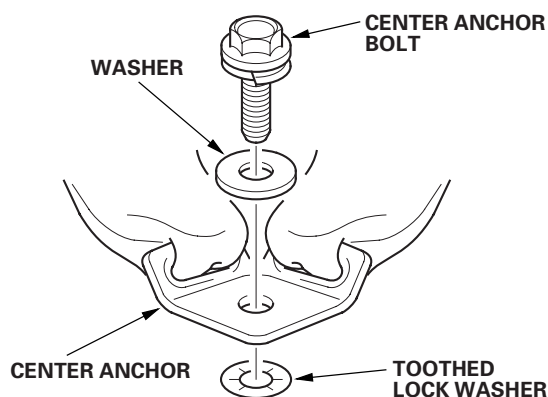


7. Install the seat belt and buckles in the reverse order of removal, and note these items:

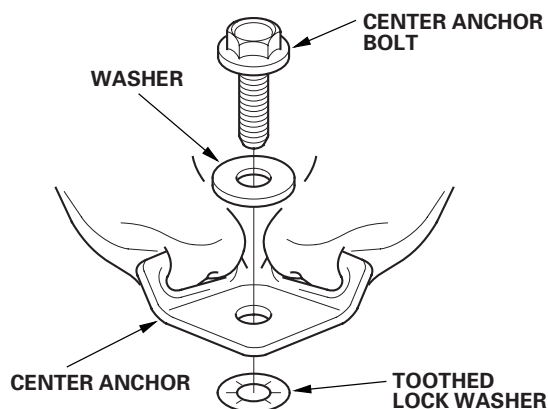
- If the threads on a retractor mounting ET screw are worn out, use an oversized selftapping ET screw (P/N 90133-SZ4-003) made specifically for this application.
- Apply medium strength liquid thread lock to the center anchor bolt before reinstallation.
- Tighten the bolt by hand first, then tighten to the specified torque.
- Check that the retractor locking mechanism functions as described (see page 24-9).
- Assemble the washers on the center anchor bolt as shown.
- Before installing the center anchor bolt, make sure there are no twists or kinks in the center belt.
- Make sure the rear center emergency locking retractor (ELR) is pointing straight forward.

Center anchor bolt installation

'06 model



'07-09 models



Inspection

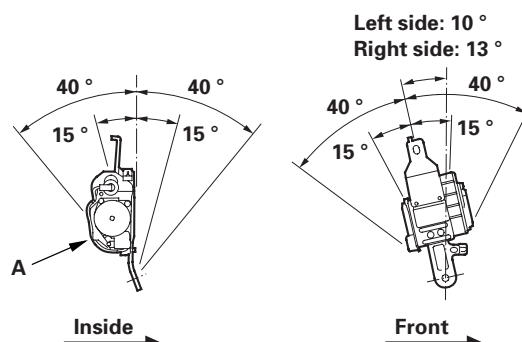
Out of Vehicle

For front seat belt retractor with seat belt tensioner, review the SRS component locations (see page 24-11) and the precautions and procedures (see page 24-13) before doing repairs or service.

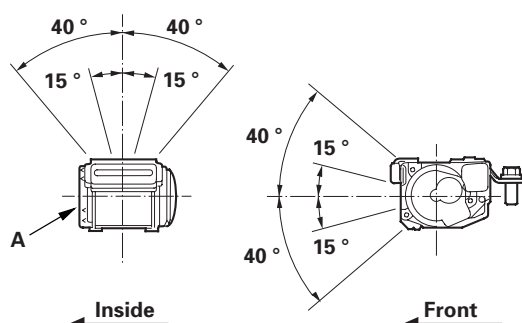
Retractor

1. Before installing the retractor, check that the seat belt can be pulled out freely.
2. Make sure that the seat belt does not lock when the retractor (A) is leaned slowly up to 15 ° from the mounted position. The seat belt should lock when the retractor is leaned over 40 °. Do not attempt to disassemble the retractor.

Front



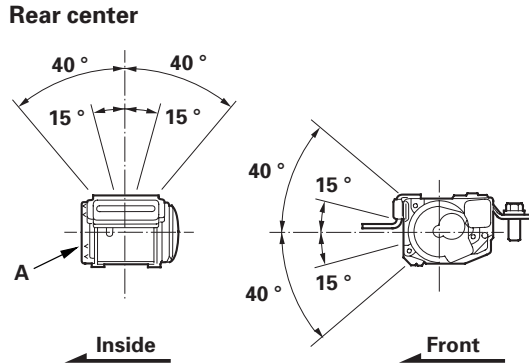
Rear



(cont'd)

Seat Belts

Inspection (cont'd)



3. Replace the seat belt with a new assembly if there is any abnormality. Do not disassemble any part of the seat belt for any reason.

In-vehicle

1. Check that the seat belt is not twisted or caught on anything.
2. After installing the anchors, check for free movement on the anchor bolts. If necessary, remove the anchor bolts and check that the washers and other parts are not damaged or improperly installed.

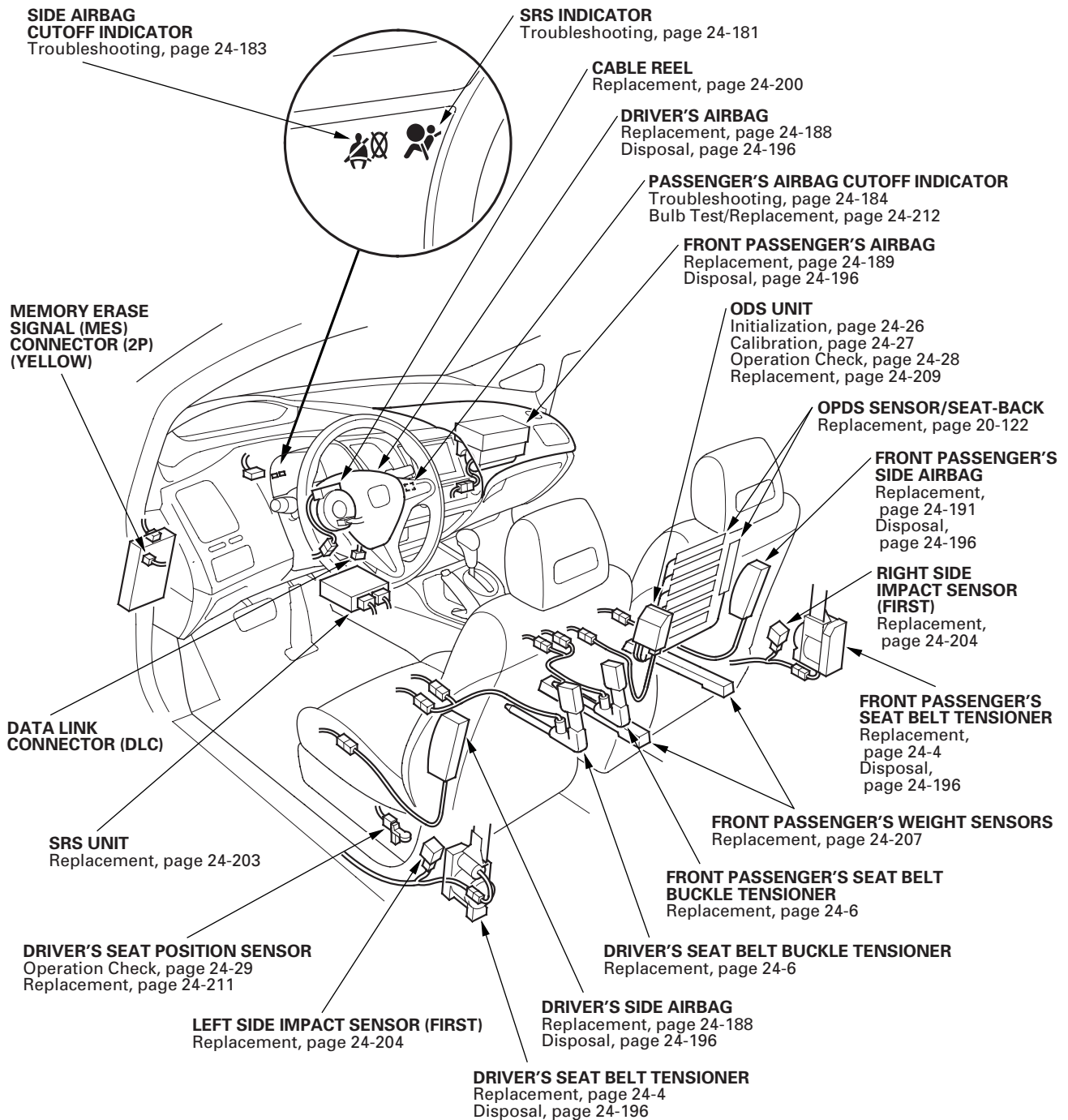
3. Check the seat belts for damage or discoloration. Clean with a shop towel if necessary. Use only soap and water to clean the seat belts.

NOTE: Dirt build-up in the loops of the upper anchors can cause the seat belts to retract slowly. Wipe the inside of the loops with a clean cloth dampened in isopropyl alcohol.

4. Check that the seat belt does not lock when pulled out slowly. The seat belt is designed to lock only during a sudden stop or impact.
5. Make sure that the seat belt will retract automatically when released.
6. For front passenger's seat belt and all rear seat belts, check the seat belt retractor locking mechanism automatic locking retractor (ALR). This function is for securing child seats.
 - 1 Pull the seat belt all the way out to engage the ALR. The seat belt should retract with a ratcheting sound, but not extend. This is normal.
 - 2 To disengage the ALR, release the seat belt and allow it to fully retract, then pull the seat belt out part-way. The seat belt should retract and extend normally.
7. Replace the seat belt with a new assembly if there is any abnormality. Do not disassemble any part of the seat belt for any reason.

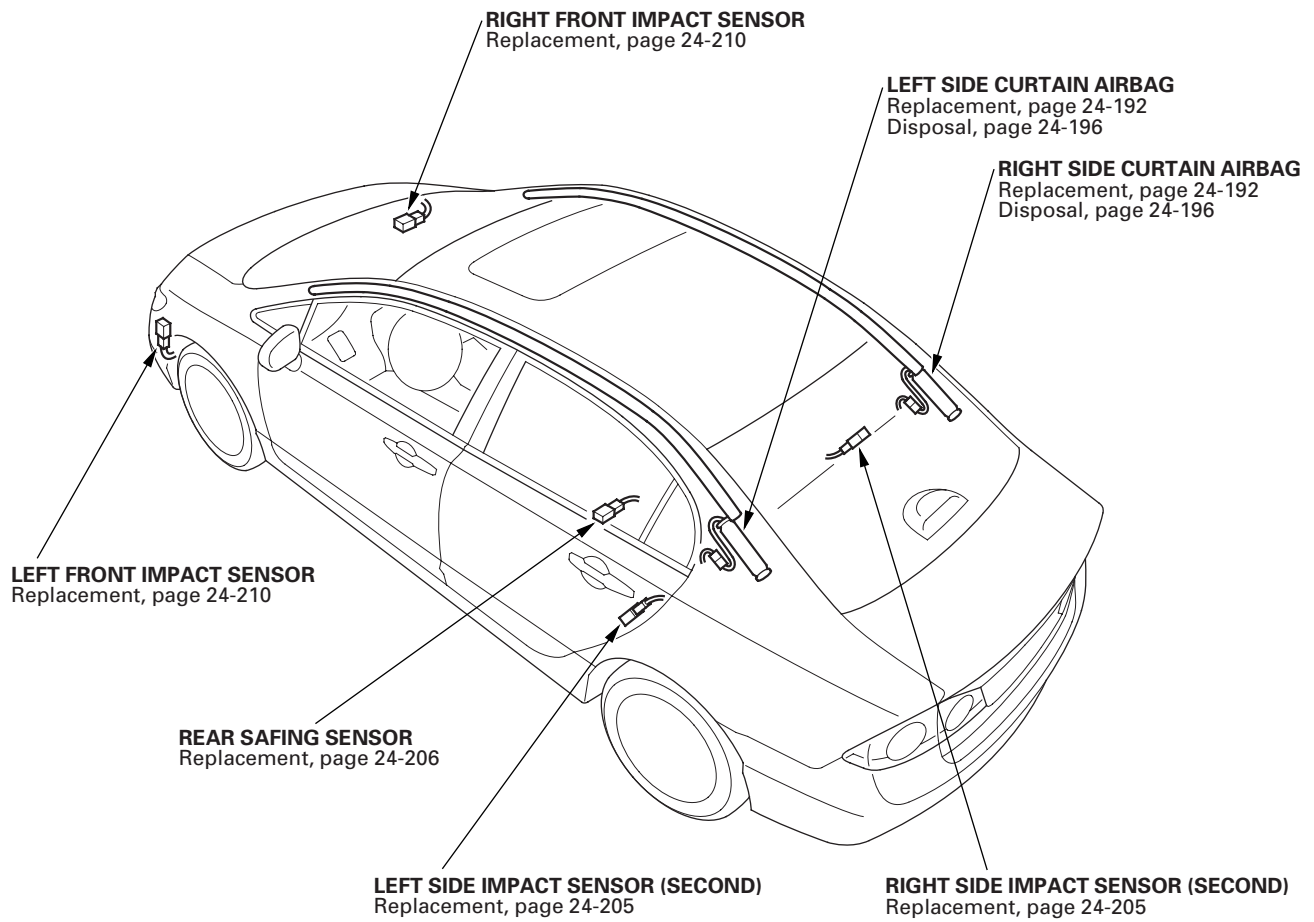


Component Location Index



(cont'd)

Component Location Index (cont'd)





Precautions and Procedures

General Precautions

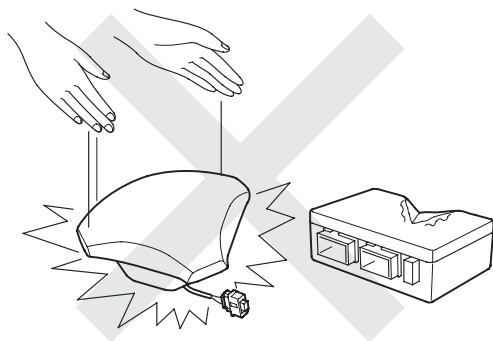
NOTE: Some systems store data in memory that is lost when the battery is disconnected. Before disconnecting the battery, refer to Battery Terminal Disconnection and Reconnection (see page 22-68).

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

- Except when doing electrical inspections, always turn the ignition switch to LOCK (0), disconnect the negative cable from the battery, then wait at least 3 minutes before starting work.

NOTE: The SRS memory is not cleared even if the ignition switch is turned to LOCK (0), 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.



- Before disconnecting the SRS unit connectors, always disconnect the appropriate SRS parts connectors.

- 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 and navigation system have a coded theft protection circuit. Make sure you have the anti-theft codes for the audio system or 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 or navigation system (if equipped), then enter the audio presets; set the clock.

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, or the horn inoperative. Center the cable reel whenever you do the following (see step 6 on page 24-202).
 - 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 the cable reel does not rotate smoothly, replace it.

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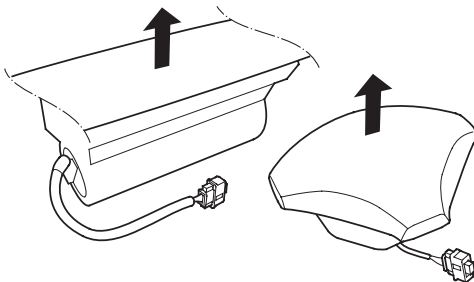
Precautions and Procedures (cont'd)

Airbag Handling and Storage

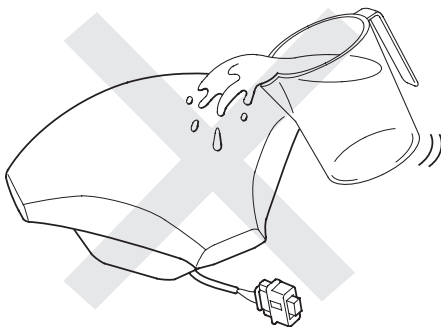
Do not disassemble an airbag. It has no serviceable parts. Once an airbag has been deployed, it cannot be repaired or reused.

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

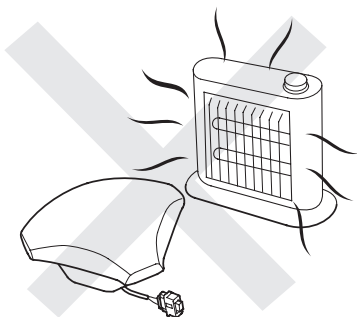
- Store the removed airbag with the pad surface up. Never put anything on the airbag.



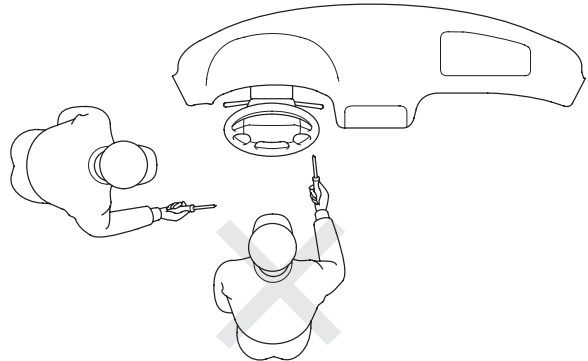
- To prevent damage to the airbag, keep it away from any oil, grease, detergent, or water.



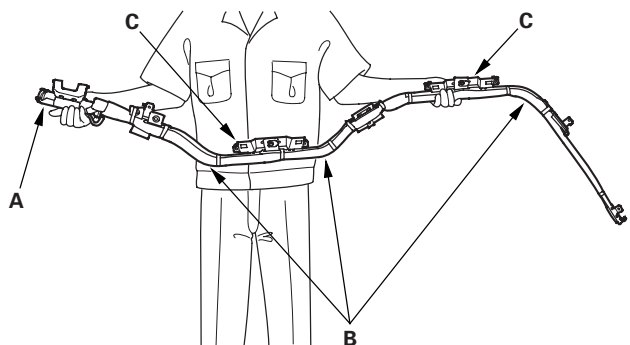
- Store the removed airbag on a secure, flat surface away from any high heat source (exceeding 200 °F/ 93 °C).



- 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.



- For proper disposal of a damaged airbag, refer to airbag disposal (see page 24-196).
- The side curtain airbag module assembly is a long, jointed part containing an inflator (A), a flexible bag (B), and brackets (C). When removing or installing the side curtain airbag assembly, never:
 - Handle the flexible bag.
 - Drop the airbag assembly.
 - Cut, tear, or unwrap the taps strips.

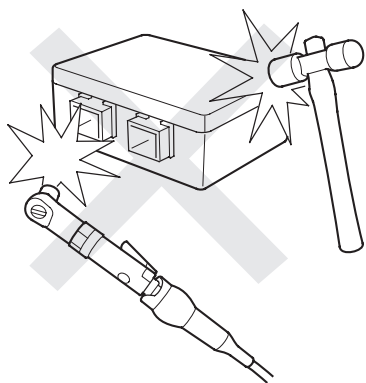




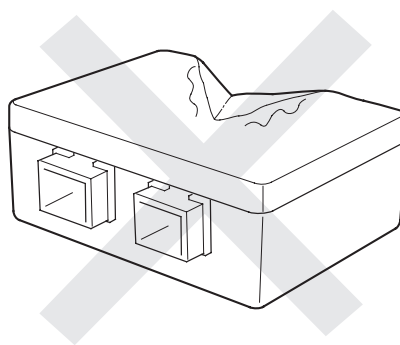
SRS Unit, Front and Side Impact Sensors, Driver's Seat Position Sensor, Front Passenger's Weight Sensors and, Rear Safing Sensor

NOTE: Some systems store data in memory that is lost when the battery is disconnected. Before disconnecting the battery, refer to Battery Terminal Disconnection and Reconnection (see page 22-68).

- Turn the ignition switch to LOCK (0), disconnect the negative cable from the battery, then wait at least 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, the front impact sensors, the side impact sensors, or the rear safing sensor whenever the ignition switch is in ON (II), or for at least 3 minutes after the ignition switch is turned to LOCK (0).
- During installation or replacement, be careful not to bump (by impact wrench, hammer, etc.) the area around the SRS unit, the front impact sensors, the side impact sensors, or the rear safing sensor. The airbags could accidentally deploy and cause damage or injury.



- After a collision where the front airbag, the side airbag, or a the seat belt tensioner, the seat belt buckle tensioner deployed, go to Component Replacement/Inspection after Deployment (see page 24-185). After a collision where an airbag did not deploy, inspect for any damage or any deformation on the SRS unit, the front impact sensors, the side impact sensors, or the rear safing sensor. If there is any damage, replace the SRS unit and/or the sensors.



- Do not disassemble the SRS unit, front impact sensors, side impact sensors, driver's seat position sensor, front passenger's weight sensors or rear safing sensor.
- Always install the SRS unit, driver's seat position sensor, and all impact sensors and the rear safing sensor securely with new TORX 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 any of the sensors, and keep them away from dust.

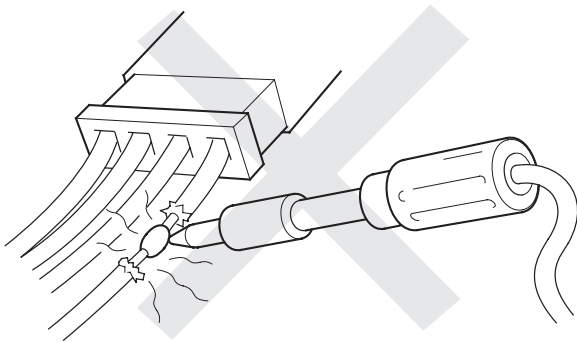
(cont'd)

Precautions and Procedures (cont'd)

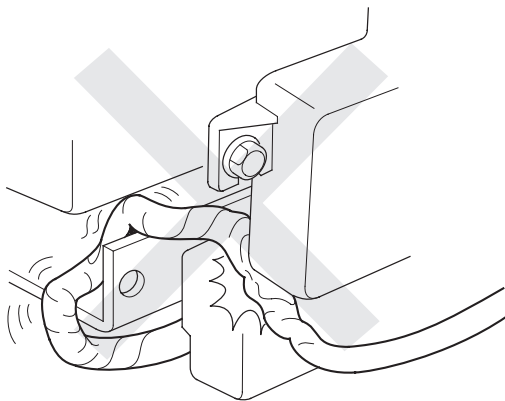
Wiring Precautions

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

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



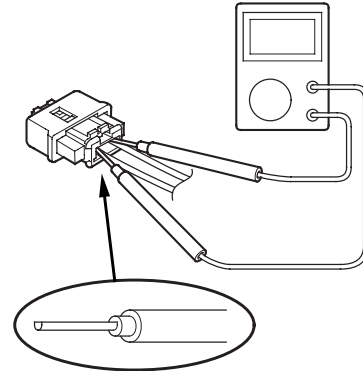
- Be sure to install the harness wires so they do not get pinched or interfere with other parts.



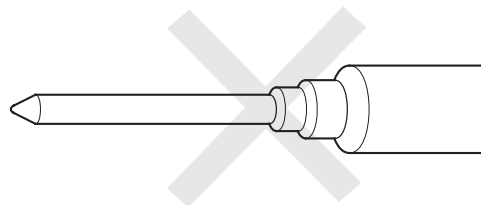
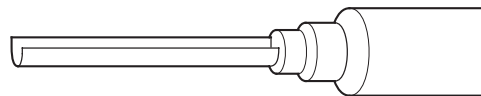
- Make sure all SRS ground locations are clean, and grounds are securely fastened for optimum metal-to-metal contact. Poor grounds can cause intermittent problems that are difficult to diagnose.
- Do not use any silicone based cleaners or lubricants on any SRS connectors or terminals.

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.



- Use backprobe adapter 07TAZ-001020A. Do not insert the probe forcibly.



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



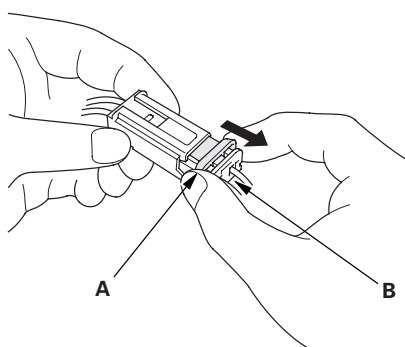
Spring-loaded Lock Connector

Some SRS system connectors have a spring-loaded lock.

Front Airbag Connectors

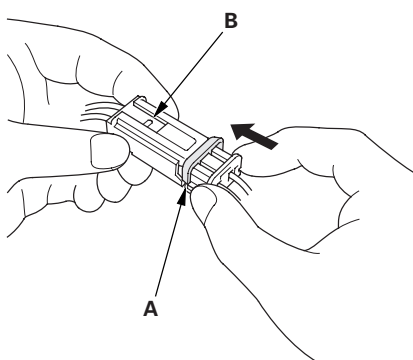
Disconnecting

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 half.



Connecting

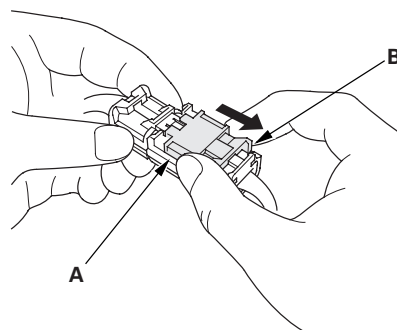
To reconnect, hold the pawl-side connector, and press on the back of the sleeve-side connector in the direction shown. As the two connector halves are pressed together, the sleeve (A) is pushed back by the pawl (B). Do not touch the sleeve.



Side Airbag Connector

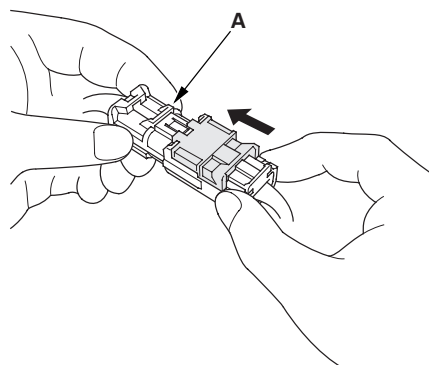
Disconnecting

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 half.



Connecting

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



(cont'd)

Precautions and Procedures (cont'd)

Opening the SRS Unit Shorting Connectors for Diagnosis

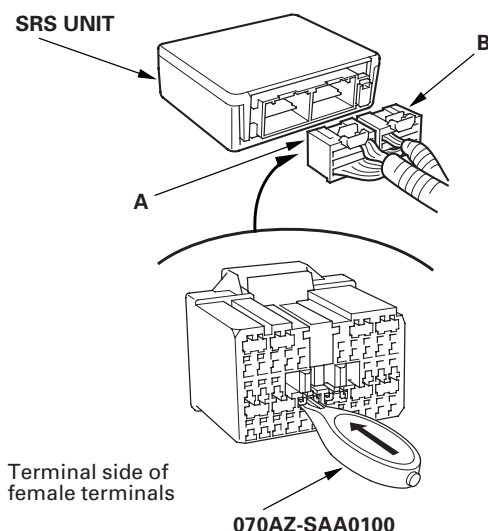
Special Tools Required

SRS short canceller 070AZ-SAA0100

NOTE:

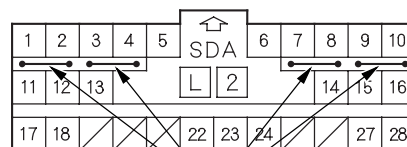
- To prevent damage to the connector cavity, insert short canceller straight into the cavity from the terminal side.
- Before installing a short canceller, wash it with electrical contact cleaner, then dry it with compressed air.
- Do not use a short canceller if it is damaged.
- Make sure to remove the short canceller before reconnection.
- Some systems store data in memory that is lost when the battery is disconnected. Before disconnecting the battery, refer to Battery Terminal Disconnection and Reconnection (see page 22-68).

When SRS unit connectors A (28P) and B (28P) are disconnected, a short circuit is automatically created in the connector by its own function to prevent an airbag deployment. The circuit may need to be open sometimes when testing the system. Insert a short canceller (070AZ-SAA0100) in the specified cavities when necessary to keep the circuit open for testing.



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 connector.

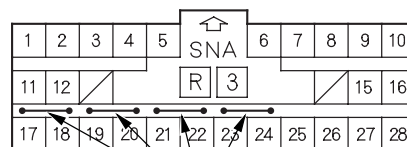
SRS UNIT CONNECTOR A (28P)



Insert short canceller(s) here.

Wire side of female terminals

SRS UNIT CONNECTOR B (28P)



Insert short canceller(s) here.

Wire side of female terminals



Seats with Side Airbags

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



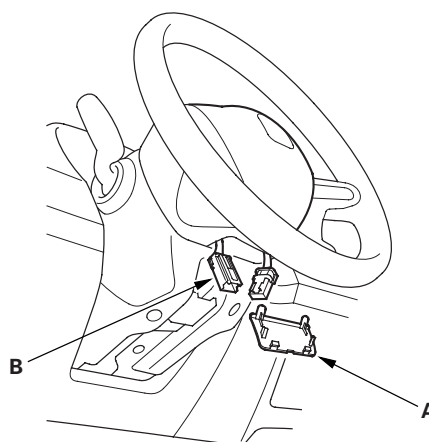
- Clean the seats with a damp cloth. Do not soak the seats with liquid. Do not spray steam on the seats.
- Do not repair a torn or frayed seat-back cover. Replace the seat-back cover if it is damaged.
- After a collision in which the side airbag was deployed, replace the side airbag and the seat frame with new parts. If the seat-back cushion is split, it must be replaced.
- Never put aftermarket accessories on the seats (covers, pads, seat heaters, lights, etc.).

Disconnecting System Connectors

1. Disconnect the negative cable from the battery, when wait at least 3 minutes.

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.

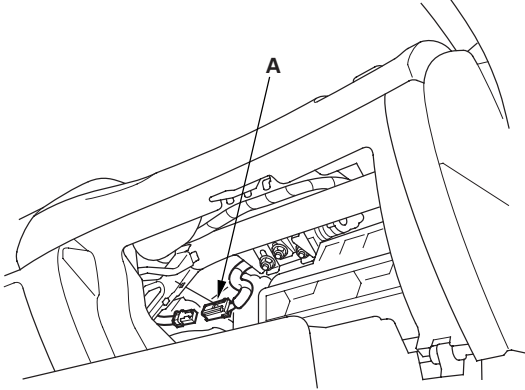


(cont'd)

Precautions and Procedures (cont'd)

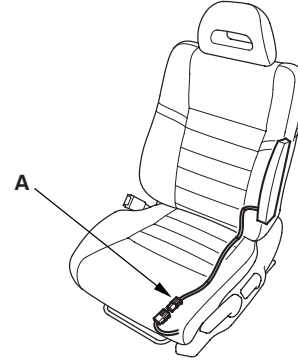
Front Passenger's Airbag

3. Remove the lower glove box (see page 20-104), then disconnect the front passenger's airbag 4P connector (A) from the dashboard wire harness.



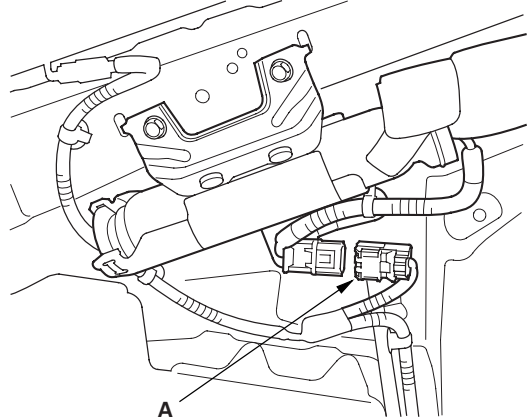
Side Airbag

4. Disconnect the driver's and the front passenger's side airbag 2P connectors (A) from the floor wire harness.



Side Curtain Airbag

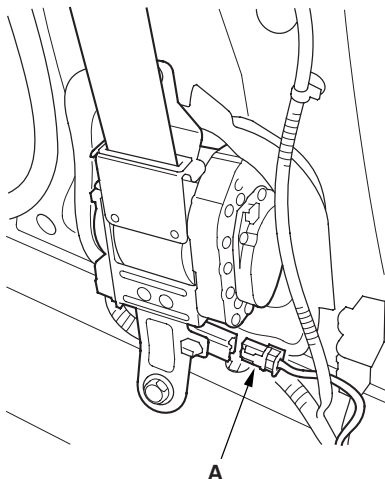
5. Remove the headliner (see page 20-84).
6. Disconnect both floor wire harness 2P connectors (A) from the side curtain airbags.





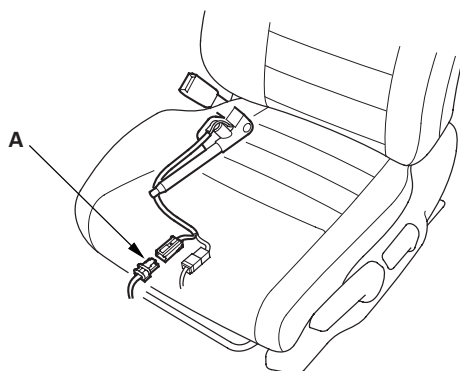
Seat Belt Tensioner

7. Remove the B-pillar lower trim (see page 20-72). Disconnect both floor wire harness 4P connectors (A) from the seat belt tensioners.



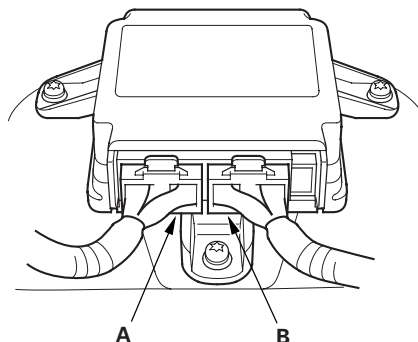
Seat Belt Buckle Tensioner

8. Disconnect both floor wire harness 4P connectors (A), from the seat belt buckle tensioner.



SRS Unit

9. Disconnect both seat belt buckle tensioner 4P connectors and the both seat belt tensioner 4P connector. Remove the center console (see page 20-92). Disconnect SRS unit connector A (28P) and B (28P) from the SRS unit.



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 store this information in memory. For easier troubleshooting, this data can be retrieved via a data link circuit.

- When you turn the ignition switch to 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 on the SRS indicator. The data remains in memory even if the ignition switch is turned off or 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.
- 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 to ON (II), and the system is normal, but the DTC is still stored. With latching DTCs, the SRS indicator does not turn to LOCK (0) 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 HDS “SRS” menu.

NOTE: Only read DTCs from the SRS menu, not from the SWS menus. SWS (ODS unit) DTCs are subcodes of SRS unit DTCs. Only troubleshoot the corresponding SRS DTCs.

- After reading and recording the DTC, proceed with the troubleshooting procedure for that code.

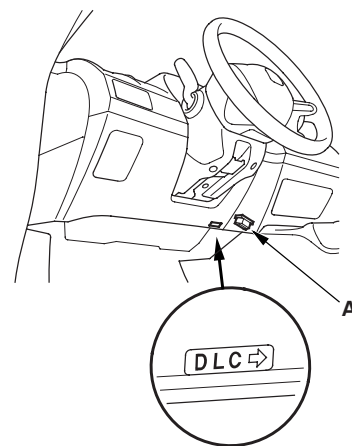
Precautions

- Use only a digital multimeter to check the system. 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 in ON (II), or has been turned to LOCK (0), for less than 3 minutes, be careful not to bump the SRS unit; the airbags could accidentally deploy and cause damage or injuries.
- Before removing the dashboard wire harness, floor 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 connectors.
- Make sure the battery is fully charged. If the battery is dead or low, electrical measurements 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 in LOCK (0).
2. Connect the HDS to the data link connector (DLC) (A).



3. Turn the ignition switch to 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 page 11-204).



5. Use the HDS to check for DTCs.

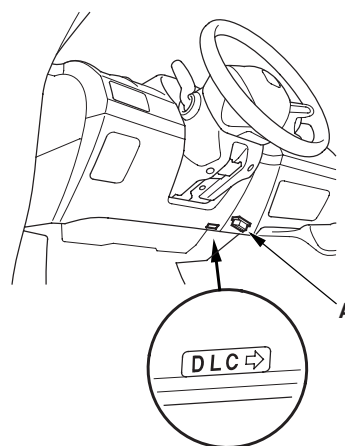
NOTE: Only read DTCs from the SRS menu, not from the SWS menus. SWS (ODS unit) DTCs are subcodes of SRS unit DTCs. Only troubleshoot the corresponding SRS DTCs.

6. Read and record the DTC.
7. Turn the ignition switch to LOCK (0), and 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 in LOCK (0).
2. Connect the HDS to the data link connector (DLC) (A).



3. Turn the ignition switch to 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 page 11-204).
5. In the SRS MENU of the HDS, select SRS, then DTC to clear DTCs.
6. Turn the ignition switch to LOCK (0), and wait for 10 seconds.
7. Disconnect the HDS from the DLC.

(cont'd)

General Troubleshooting Information (cont'd)

Clear the DTC Memory Using MES Connector Without the HDS

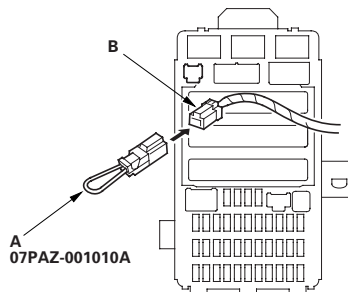
Special Tools Required

SCS Service Connector 07PAZ-001010A

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

To clear the DTCs from the SRS unit, use the HDS or the following procedure.

1. Make sure the ignition switch is in LOCK (0).
2. Connect the SCS service connector (A) to the yellow MES 2P connector (B). Do not use a jumper wire.



3. Turn the ignition switch to 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 to LOCK (0).
9. Turn the ignition switch to ON (II) again. If the SRS indicator comes on for 6 seconds, and then goes off, the system is OK. If the indicator stays on, troubleshoot the DTC, refer to symptom troubleshooting.

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 page 22-67) and the charging system (see page 4-23). Low battery voltage may cause some intermittent failures.
- A faulty or damaged cable reel can cause intermittent problems related to the driver's airbag inflator DTCs.

After checking the DTC, troubleshoot as follows:

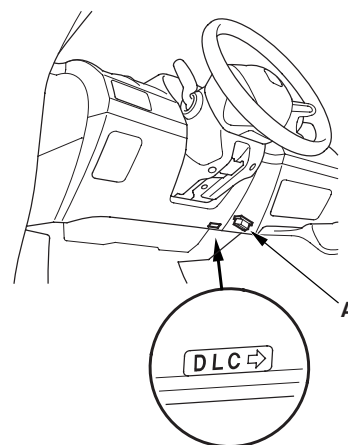
1. Make sure the ignition switch is in LOCK (0).
2. Connect the HDS to the data link connector (DLC).
3. Turn the ignition switch to ON (II).
4. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not communicate, troubleshoot the DLC circuit (see page 11-204).
5. In the SRS MENU on the HDS, select SRS, then DTC to clear DTCs.
6. Read the DTC (see "Reading the DTC").
7. Clear the DTC memory (see "Clear the DTC").
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 pinfits, 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.
12. If you cannot 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 seat-back to the forwardmost 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 in LOCK (0).
4. Connect the HDS to the data link connector (DLC) (A).



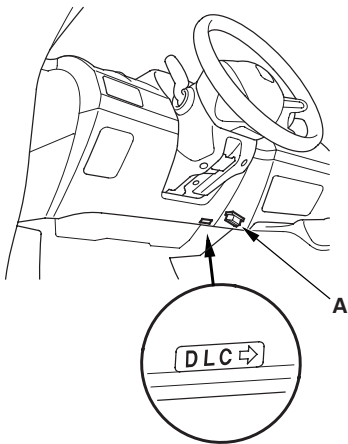
5. Turn the ignition switch to ON (II).
6. Make sure the HDS communicates with the vehicle and the SRS unit. If does not communicate, troubleshoot the DLC circuit (see page 11-204).
7. From the SRS inspection menu, select Seat Weight Sensor, then Misc test, then SEAT OUTPUT CHK and follow the prompts until the front passenger's weight sensor operation check is complete.

ODS Unit Initialization

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

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

1. Clear the DTC memory (see page 24-23).
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 in LOCK (0) and the MES connector is not shorted.
4. Connect the HDS to the data link connector (DLC) (A).



5. Turn the ignition switch to 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 page 11-204).
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 to LOCK (0).
9. Disconnect the HDS from the DLC.

NOTE: If the ODS unit fails to initialize after several attempts, replace the OPDS sensor/seat-back and retry. If the ODS unit continues to fail to initialize, replace the ODS unit (see page 24-209).



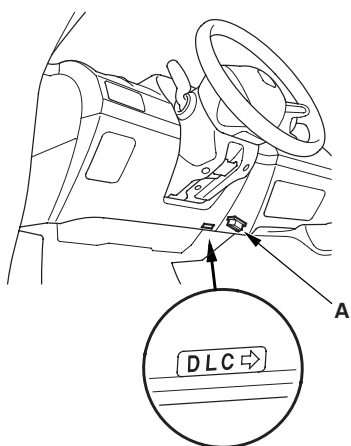
ODS Unit Calibration

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 and moonroof 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 during calibration, unless 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 seat-back to the forwardmost position. Do not move the seat from these positions.
2. Make sure the ignition switch is in LOCK (0).
3. Connect the HDS to the data link connector (DLC) (A).



4. Turn the ignition switch to 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 page 11-204).

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 is complete.

ODS Unit Operation Check

Check the ODS operation after any of these actions.

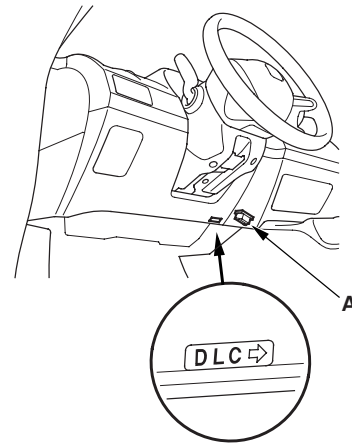
- Replacement of front passenger's seat component(s) (except ODS unit and/or weight sensors)
- After a vehicle collision
- SRS unit replacement

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-back to the forwardmost 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 and moonroof 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 front passenger's seat during the calibration, unless you are prompted to or until you have completed the operation check.
- 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 in LOCK (0).
2. Connect the HDS to the data link connector (DLC) (A).



3. Turn the ignition switch to 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 page 11-204).
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 unit operation check is complete.

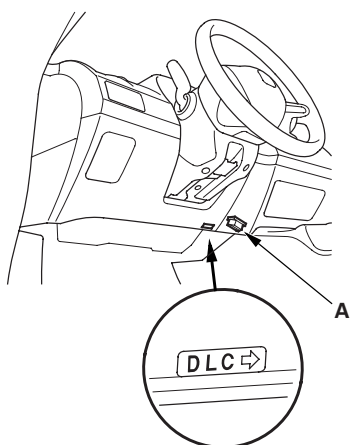


Driver's Seat Position Sensor Operation Check

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

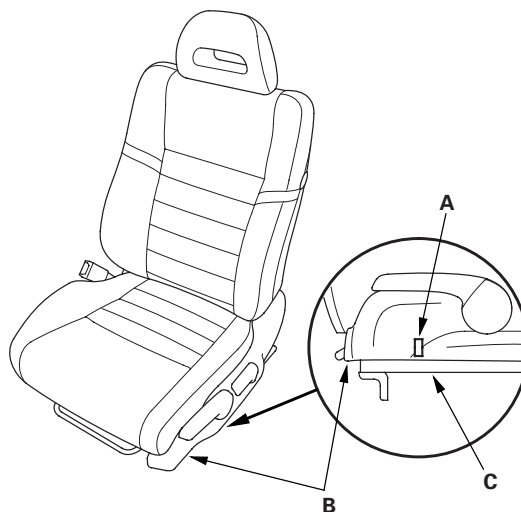
- Driver's seat position sensor replacement
- Cover plate (front side of driver's seat slide rail) replacement

1. Make sure the driver's seat is at its full forward position.
2. Make sure the ignition switch is in LOCK (0).
3. Connect the HDS to the data link connector (DLC) (A).



4. Turn the ignition switch to 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 page 11-204).
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.



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 25 mm (1 in.) 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 data does not work as described, check the driver's seat position sensor or the cover plate for damage, and replace parts as needed.
9. Turn the ignition switch to LOCK (0), and disconnect the HDS from the DLC.

DTC Troubleshooting Index

SRS Unit DTC	Detection Item	Notes
11-1x	Open in the driver's airbag first inflator	(see page 24-48)
11-3x	Short to another wire or decreased resistance in the driver's airbag first inflator	(see page 24-50)
11-4x	Open in the driver's airbag second inflator	(see page 24-48)
11-6x	Short to another wire or decreased resistance in the driver's airbag second inflator	(see page 24-50)
11-8x	Short to power in the driver's airbag first inflator	(see page 24-52)
11-9x	Short to ground in the driver's airbag first inflator	(see page 24-54)
11-Ax	Short to power in the driver's airbag second inflator	(see page 24-52)
11-Bx	Short to ground in the driver's airbag second inflator	(see page 24-54)
12-1x	Open in the front passenger's airbag first inflator	(see page 24-56)
12-3x	Short to another wire or decreased resistance in the front passenger's airbag first inflator	(see page 24-58)
12-4x	Open in the front passenger's airbag second inflator	(see page 24-56)
12-6x	Short to another wire or decreased resistance in the front passenger's airbag second inflator	(see page 24-58)
12-8x	Short to power in the front passenger's airbag first inflator	(see page 24-59)
12-9x	Short to ground in the front passenger's airbag first inflator	(see page 24-61)
12-Ax	Short to power in the front passenger's airbag second inflator	(see page 24-59)
12-Bx	Short to ground in the front passenger's airbag second inflator	(see page 24-61)
21-1x	Open in the driver's seat belt tensioner	(see page 24-62)
21-3x	Short to another wire or decreased resistance in the driver's seat belt tensioner	(see page 24-63)
21-8x	Short to power in the driver's seat belt tensioner	(see page 24-65)
21-9x	Short to ground in the driver's seat belt tensioner	(see page 24-66)
22-1x	Open in the front passenger's seat belt tensioner	(see page 24-68)
22-3x	Short to another wire or decreased resistance in the front passenger's seat belt tensioner	(see page 24-70)
22-8x	Short to power in the front passenger's seat belt tensioner	(see page 24-72)
22-9x	Short to ground in the front passenger's seat belt tensioner	(see page 24-74)
27-1x	Open in the driver's seat belt buckle tensioner	(see page 24-76)
27-3x	Short to another wire or decreased resistance in the driver's seat belt buckle tensioner	(see page 24-78)
27-8x	Short to power in the driver's seat belt buckle tensioner	(see page 24-80)
27-9x	Short to ground in the driver's seat belt buckle tensioner	(see page 24-82)
28-1x	Open in the front passenger's seat belt buckle tensioner	(see page 24-84)
28-3x	Short to another wire or decreased resistance in the front passenger's seat belt buckle tensioner	(see page 24-86)
28-8x	Short to power in the front passenger's seat belt buckle tensioner	(see page 24-88)
28-9x	Short to ground in the front passenger's seat belt buckle tensioner	(see page 24-90)
31-1x	Open in the driver's side airbag inflator	(see page 24-92)
31-3x	Short to another wire or decreased resistance in the driver's side airbag inflator	(see page 24-94)
31-8x	Short to power in the driver's side airbag inflator	(see page 24-96)
31-9x	Short to ground in the driver's side airbag inflator	(see page 24-97)



SRS Unit DTC	Detection Item	Notes
32-1x	Open in the front passenger's side airbag inflator	(see page 24-99)
32-3x	Short to another wire or decreased resistance in the front passenger's side airbag inflator	(see page 24-100)
32-8x	Short to power in the front passenger's side airbag inflator	(see page 24-102)
32-9x	Short to ground in the front passenger's side airbag inflator	(see page 24-104)
33-1x	Open in the left side curtain airbag inflator	(see page 24-106)
33-3x	Short to another wire or decreased resistance in the left side curtain airbag inflator	(see page 24-107)
33-8x	Short to power in the left side curtain airbag inflator	(see page 24-109)
33-9x	Short to ground in the left side curtain airbag inflator	(see page 24-111)
34-1x	Open in the right side curtain airbag inflator	(see page 24-113)
34-3x	Short to another wire or decreased resistance in the right side curtain airbag inflator	(see page 24-115)
34-8x	Short to power in the right side curtain airbag inflator	(see page 24-117)
34-9x	Short to ground in the right side curtain airbag inflator	(see page 24-118)
41-1x	No signal from the left front impact sensor	(see page 24-120)
41-2x	Internal failure of the left front impact sensor	(see page 24-125)
41-3x		
41-Bx		
42-1x		
42-2x	Internal failure of the right front impact sensor	(see page 24-125)
42-3x		
42-Bx		
43-1x		
43-2x	Internal failure of the left side impact sensor (first)	(see page 24-126)
43-3x		
43-Bx		
44-1x		
44-2x	Internal failure of the right side impact sensor (first)	(see page 24-131)
44-3x		
44-Bx		
45-1x		
45-2x	Internal failure of the left side impact sensor (second)	(see page 24-137)
45-3x		
45-Bx		
46-1x		
46-2x	Internal failure of the right side impact sensor (second)	(see page 24-137)
46-3x		
46-Bx		
51-xx		
52-xx	Internal failure of the SRS unit	(see page 24-138)
53-xx		
54-xx		
55-xx		
61-1x	Open in the driver's seat belt buckle switch	(see page 24-139)
61-2x	Short in the driver's seat belt buckle switch	(see page 24-141)
62-1x	Open in the front passenger's seat belt buckle switch	(see page 24-142)
62-2x	Short in the front passenger's seat belt buckle switch	(see page 24-143)
71-1x	Open in the driver's seat position sensor	(see page 24-144)
71-2x	Short in the driver's seat position sensor	(see page 24-145)
81-4x	Internal failure of the ODS unit	(see page 24-149)
81-5x		
81-61		
81-62		
81-63	Non-stipulated data from the ODS unit	(see page 24-147)
81-64		
81-71	Internal failure of the ODS unit	(see page 24-149)
81-78		
81-79		
	ODS unit does not calibrate	(see page 24-150)
	Front passenger's weight sensors initial check failure	

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 detail used for product analysis.

(cont'd)

DTC Troubleshooting Index (cont'd)

SRS Unit DTC	Detection Item	Notes
82-14	No signal from the front passenger's weight sensor (front inner side)	(see page 24-151)
82-15	Internal failure of the front passenger's weight sensor (front inner side)	(see page 24-155)
82-16	No signal from the front passenger's weight sensor (rear inner side)	(see page 24-156)
82-17	Internal failure of the front passenger's weight sensor (rear inner side)	(see page 24-155)
83-24	No signal from the front passenger's weight sensor (front outer side)	(see page 24-159)
82-25	Internal failure of the front passenger's weight sensor (front outer side)	(see page 24-155)
83-26	No signal from the front passenger's weight sensor (rear outer side)	(see page 24-163)
82-27	Internal failure of the front passenger's weight sensor (rear outer side)	(see page 24-155)
85-4x	Internal failure of the ODS unit	(see page 24-166)
85-5x		
85-61	No signal from the ODS unit	(see page 24-147)
85-62	Non-stipulated data from the ODS unit	(see page 24-166)
85-63	Internal failure of the ODS unit	
85-64		
85-71	ODS unit not initialize	(see page 24-167)
85-78	OPDS sensor initial check failure	(see page 24-168)
85-79		
86-1x	Faulty OPDS seat-back sensor	(see page 24-169)
86-2x	Faulty OPDS seat support sensor	
92-1x	Open in the passenger's airbag cutoff indicator	(see page 24-170)
92-2x	Open or short to ground in the passenger's airbag cutoff indicator	(see page 24-171)
A1-1x	Faulty power supply (VA line)	(see page 24-173)
A2-1x	Faulty power supply (VB line)	(see page 24-174)
B2-1x	No signal from the rear safing sensor	(see page 24-177)
B2-17	Internal failure of the rear safing sensor	(see page 24-177)
B2-8x		
B2-9x		
B2-Ax		
B2-Bx		
Ex-11	Control operation recorded	(see page 24-138)
Fx-11	Airbags and/or tensioners deployment recorded	(see page 24-139)

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 detail used for product analysis.



Only read DTCs from the SRS menu, not from the SWS menus unless instructed to check SWS DTCs. SWS (ODS unit) DTCs are subcodes of SRS unit DTCs. Only troubleshoot the corresponding SRS DTCs.

SWS DTC Index

SRS Unit DTC	SWS DTC	Detection Item	Notes
81-4x	41-xx	Internal failure of the ODS unit	(see page 24-178)
	42-xx		
	43-xx		
82-14	14-11	Short to power in the front passenger's weight sensor (front inner side) power circuit	(see page 24-179)
	14-12	Short to ground in the front passenger's weight sensor (front inner side) power circuit	
	14-13	Open in the front passenger's weight sensor (front inner side) output circuit	
	14-14	Short to ground in the front passenger's weight sensor (front inner side) output circuit	
82-15	15-3x	Internal failure of the front passenger's weight sensor (front inner side)	(see page 24-181)
82-16	16-11	Short to power in the front passenger's weight sensor (rear inner side) power circuit	(see page 24-179)
	16-12	Short to ground in the front passenger's weight sensor (rear inner side) power circuit	
	16-13	Open in the front passenger's weight sensor (rear inner side) output circuit	
	16-14	Short to ground in the front passenger's weight sensor (rear inner side) output circuit	
82-17	17-3x	Internal failure of the front passenger's weight sensor (rear inner side)	(see page 24-181)
83-24	24-11	Short to power in the front passenger's weight sensor (front outer side) power circuit	(see page 24-180)
	24-12	Short to ground in the front passenger's weight sensor (front outer side) power circuit	
	24-13	Open in the front passenger's weight sensor (front outer side) output circuit	
	24-14	Short to ground in the front passenger's weight sensor (front outer side) output circuit	
83-25	25-3x	Internal failure of the front passenger's weight sensor (front outer side)	(see page 24-181)
83-26	26-11	Short to power in the front passenger's weight sensor (rear outer side) power circuit	(see page 24-180)
	26-12	Short to ground in the front passenger's weight sensor (rear outer side) power circuit	
	26-13	Open in the front passenger's weight sensor (rear outer side) output circuit	
	26-14	Short to ground in the front passenger's weight sensor (rear outer side) output circuit	
83-27	27-3x	Internal failure of the front passenger's weight sensor (rear outer side)	(see page 24-181)
81-71	71-xx	ODS unit does not calibrate	(see page 24-178)

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 detail used for product analysis.

Symptom Troubleshooting Index

Symptom	Diagnostic procedure	Also check for
SRS indicator does not come on	Symptom Troubleshooting (see page 24-181)	Communication with the HDS
SRS indicator stays on, but no DTCs are stored	Symptom Troubleshooting (see page 24-182)	- Charging system for under or overcharging - Communication with the HDS
Side airbag cutoff indicator flashes	Check the DTC. If a DTC indicated, go to the DTC troubleshooting	- ODS Initialization - Communication with the HDS
Side airbag cutoff indicator stays on	Symptom Troubleshooting (see page 24-183)	Communication with the HDS
Side airbag cutoff indicator does not come on	Symptom Troubleshooting (see page 24-183)	- Initialize the ODS unit - Communication with the HDS
Passenger's airbag cutoff indicator flashes	Check the DTC. If a DTC indicated, go to the DTC troubleshooting	- Calibration the ODS unit - Communication with the HDS
Passenger's airbag cutoff indicator stays on or comes on suddenly	Symptom Troubleshooting (see page 24-184)	Communication with the HDS
Passenger's airbag cutoff indicator does not come on	Check the DTC. If a DTC indicated, go to the DTC troubleshooting	Communication with the HDS
HDS does not communicate with the SRS unit or the vehicle	Troubleshoot the DLC circuit (see page 11-204).	Communication with the 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), seat belt buckle tensioners (H), side impact sensors (first) (I), front impact sensors (J), rear safing sensor (K) and side impact sensors (second) (L).

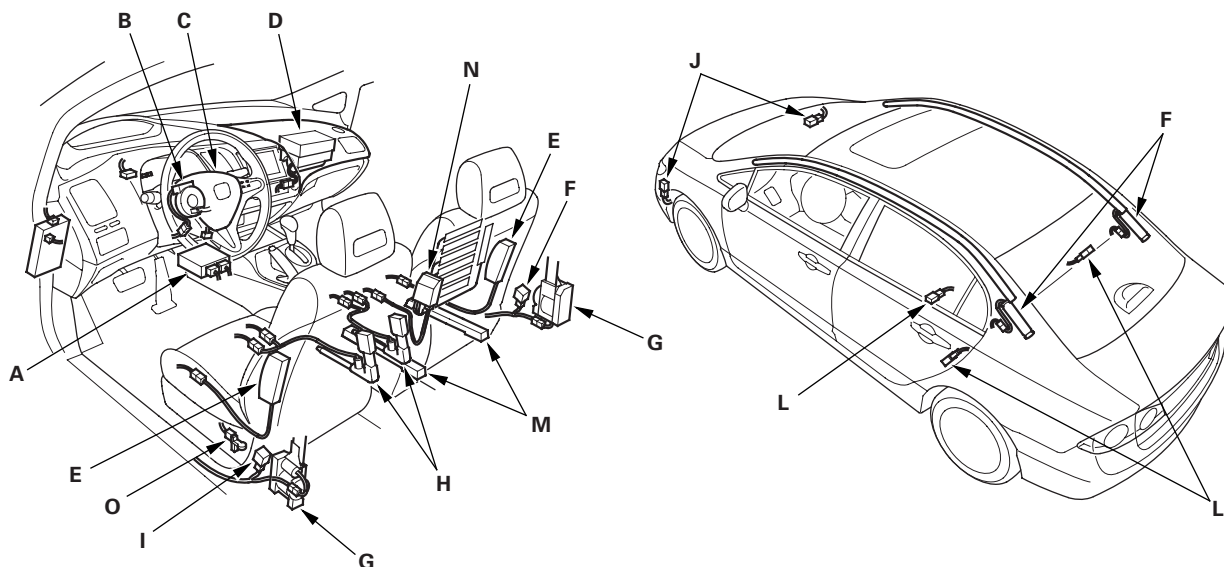
Since the driver's and front passenger's airbags use the same sensors, both normally inflate at the same time. However, it is possible for only one airbag to inflate. This can occur when collision severity is near the threshold for airbag deployment. In such cases, the SRS system will only deploy airbags when the protection provided by the seat belt is insufficient.

Front Passenger's Weight Sensors

The front passenger's weight sensors (M) are part of seat base. The front passenger's weight sensors detect the weight on the seat, and send the information to the ODS unit (N). If the total weight is about 30 kg (65 lbs) or less, the ODS unit sends a signal to the SRS unit to prevent the passenger's airbag from deploying. When the passenger's airbag is disabled, the passenger airbag cutoff indicator on the center panel comes on to 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 (O) 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.



(cont'd)

System Description (cont'd)

Rear Safing Sensor

The rear safing sensor is located under the rear seat. The rear safing sensor performs the same basic function as the safing sensor in the SRS unit. It measures sideways G force, such as the force the vehicle would receive in a side collision in the rear, and sends that information to the SRS unit. The SRS unit uses that information, and the information from the second side impact sensors to determine the side that is impacted and the force. If the threshold is met, the SRS unit deploys the side airbag, the side curtain airbag, and the seat belt tensioner on that side.

Side Airbag Cutoff Indicator/OPDS Operation

The indicator comes on when the front passenger's seat is occupied by a small adult or child who is leaning into the deployment path, or when an object (grocery bag, briefcase, purse, etc.) is in the seat. This indicates 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 on the front passenger's seat is about 30 kg (65 lbs) 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 analyzes 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 and Seat Belt Buckle Tensioners

- (1) A front impact sensor, side impact sensor, or the rear safing sensor must activate and send electric signals to the microprocessor.
- (2) The microprocessor must compute the signals and trigger the tensioners.
- (3) The charges must ignite and deploy the tensioners.

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

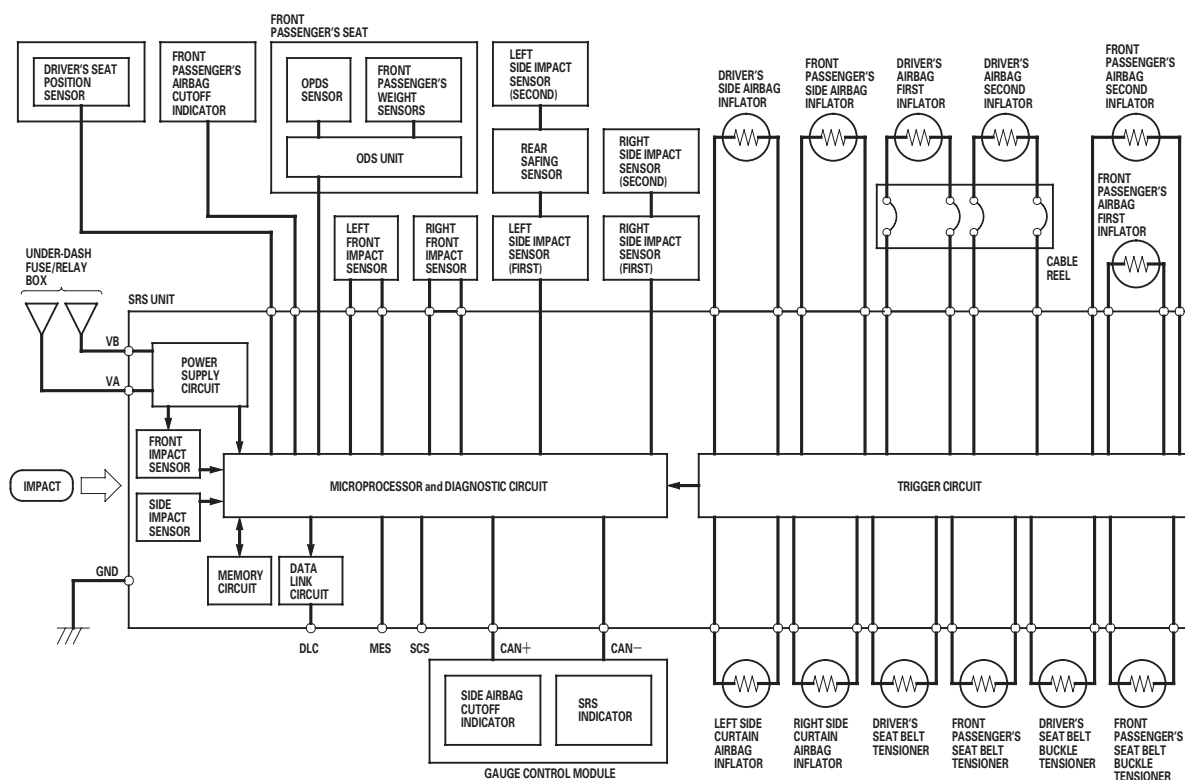
- (1) A front impact sensor must activate and send electric signals to the microprocessor.
- (2) The microprocessor must compute the signals and trigger the airbag inflator(s).
- (3) The triggered inflators must ignite and deploy the airbags.

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 trigger the side airbag inflator(s). However, the microprocessor does not trigger 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 airbags.

Side Curtain Airbag(s)

- (1) A side impact sensor or the rear safing sensor must activate, and send electrical signals to the microprocessor.
- (2) The microprocessor must compute the signals and trigger the side curtain airbag and side airbag inflator(s).
- (3) The triggered inflators must ignite and deploy the side curtain airbag and side airbag at the same time.



Self-diagnostic System

A self-diagnostic circuit is built into the SRS unit; when the ignition switch is turned to 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 comes on while driving, it indicates an abnormality in the system. The system must be inspected and repaired as soon as possible.

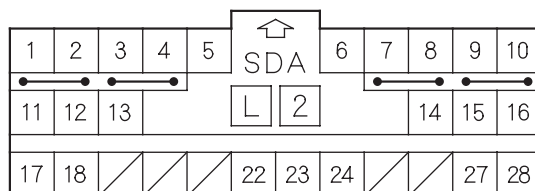
For better serviceability, the SRS unit memory stores a DTCs related to the cause of the malfunction, and the unit is connected to the data link connector (DLC). This information can be read with the HDS when it is connected to the DLC (see page 24-22).

NOTE: Before you disconnect the negative cable from battery for troubleshooting, review Battery Terminal Disconnection and Reconnection (see page 22-68).

(cont'd)

System Description (cont'd)

SRS Unit Inputs and Outputs at Connector A (28P)



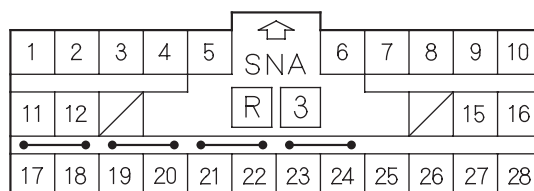
Wire side of female terminals

Terminal Number	Wire Color	Terminal Name	Description
1	GRN	LA2+	Power source for the driver's airbag second inflator
2	PUR	LA2—	Ground for the driver's airbag second inflator
3	LT GRN	RA2+	Power source for the front passenger's airbag second inflator
4	LT BLU	RA2—	Ground for the front passenger's airbag second inflator
5	LT GRN	MES	Memory clear signal input
6	ORN	SCS	Service check signal input
7	LT BLU	LA1+	Power source for the driver's airbag first inflator
8	BRN	LA1—	Ground for the driver's airbag first inflator
9	YEL	RA1+	Power source for the front passenger's airbag first inflator
10	BLU	RA1—	Ground for the front passenger's airbag first inflator
11	WHT	CAN HI	Sends and receives communication signal with gauge control module
12	RED	CAN LO	Sends and receives communication signal with gauge control module
13	BLU	PTT	Passenger's airbag cutoff indicator output line
14	GRN	ODS	Sends and receives communication signal with the ODS unit
15	BRN	LFS—	Ground for the left front impact sensor
16	LT BLU	RFS—	Ground for the right front impact sensor
17	YEL	VA	SRS system sub power (common with ODS)
18	RED	VB	SRS dedicated power (dedicated booster circuit)
22	BLK	SRS GND (1)	Ground circuit for the SRS (G506)
23	BLK	SRS GND (2)	Ground circuit for the SRS (G506)
24	LT BLU	K-LINE	Sends and receives scan tool signal (serial data)
27	RED	LFS+	Power source for the left front impact sensor
28	GRN	RFS+	Power source for the 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)



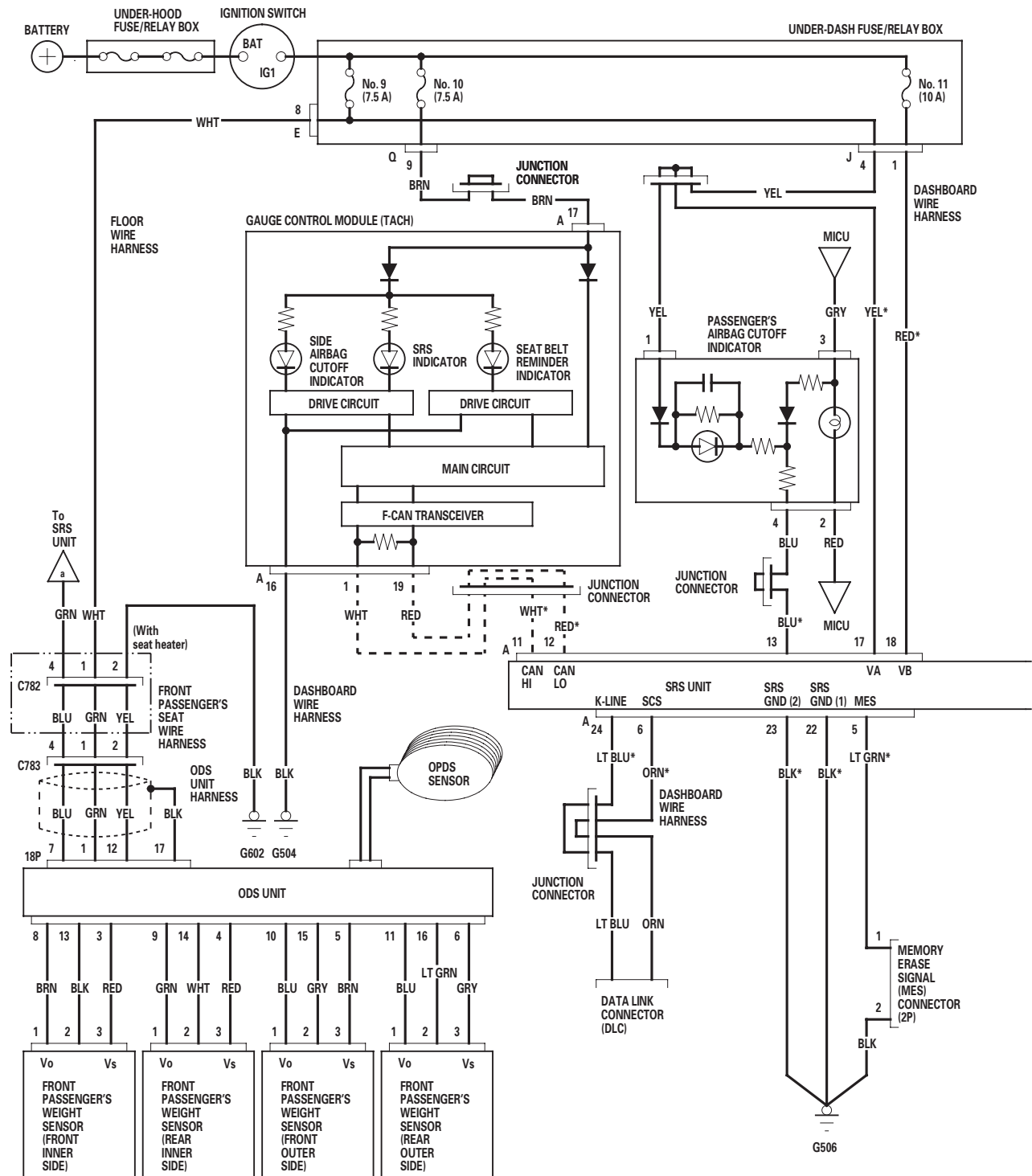
Wire side of female terminals

Terminal Number	Wire Color	Terminal Name	Description
1	RED	LRP+	Power source for the driver's seat belt tensioner
2	BRN	LRP-	Ground for the driver's seat belt tensioner
3	GRN	RRP+	Power source for the front passenger's seat belt tensioner
4	LT BLU	RRP-	Ground for the front passenger's seat belt tensioner
5	GRY	SS-	Ground for the driver's seat position sensor
6	LT GRN	SS+	Power source for the driver's seat position sensor
7	ORN	LBP+	Power source for the driver's buckle tensioner
8	GRN	LBP-	Ground for the driver's buckle tensioner
9	YEL	RBP+	Power source for the front passenger's buckle tensioner
10	WHT	RBP-	Ground for the front passenger's buckle tensioner
11	YEL	LBSC	Driver's seat belt buckle switch un-buckled signal
12	LT GRN	LBSO	Driver's seat belt buckle switch buckled signal
15	BLU	RBSC	Front passenger's seat belt buckle switch un-buckled signal
16	ORN	RBSO	Front passenger's seat belt buckle switch buckled signal
17	GRN	LSA+	Power source for the driver's side airbag inflator
18	RED	LSA-	Ground for the driver's side airbag inflator
19	WHT	RSA+	Power source for the front passenger's side airbag inflator
20	BLU	RSA-	Ground for the front passenger's side airbag inflator
21	BRN	LCA1+	Power source for the left side curtain airbag inflator
22	BLU	LCA1-	Ground for the left side curtain airbag inflator
23	GRY	RCA1+	Power source for the right side curtain airbag inflator
24	RED	RCA1-	Ground for the right side curtain airbag inflator
25	PNK	LBS1+	Power source for the left side impact sensor (first), left side impact sensor (second), and rear safing sensor
26	BLU	LBS1-	Ground for the left side impact sensor (first), left side impact sensor (second), and rear safing sensor
27	BRN	RBS1+	Power source for the right side impact sensor (first), right side impact sensor (second)
28	YEL	RBS1-	Ground for the right side impact sensor (first), right side impact sensor (second)

NOTE: BLU or BRN wires may be substituted for the wire colors in this table.

Circuit Diagram

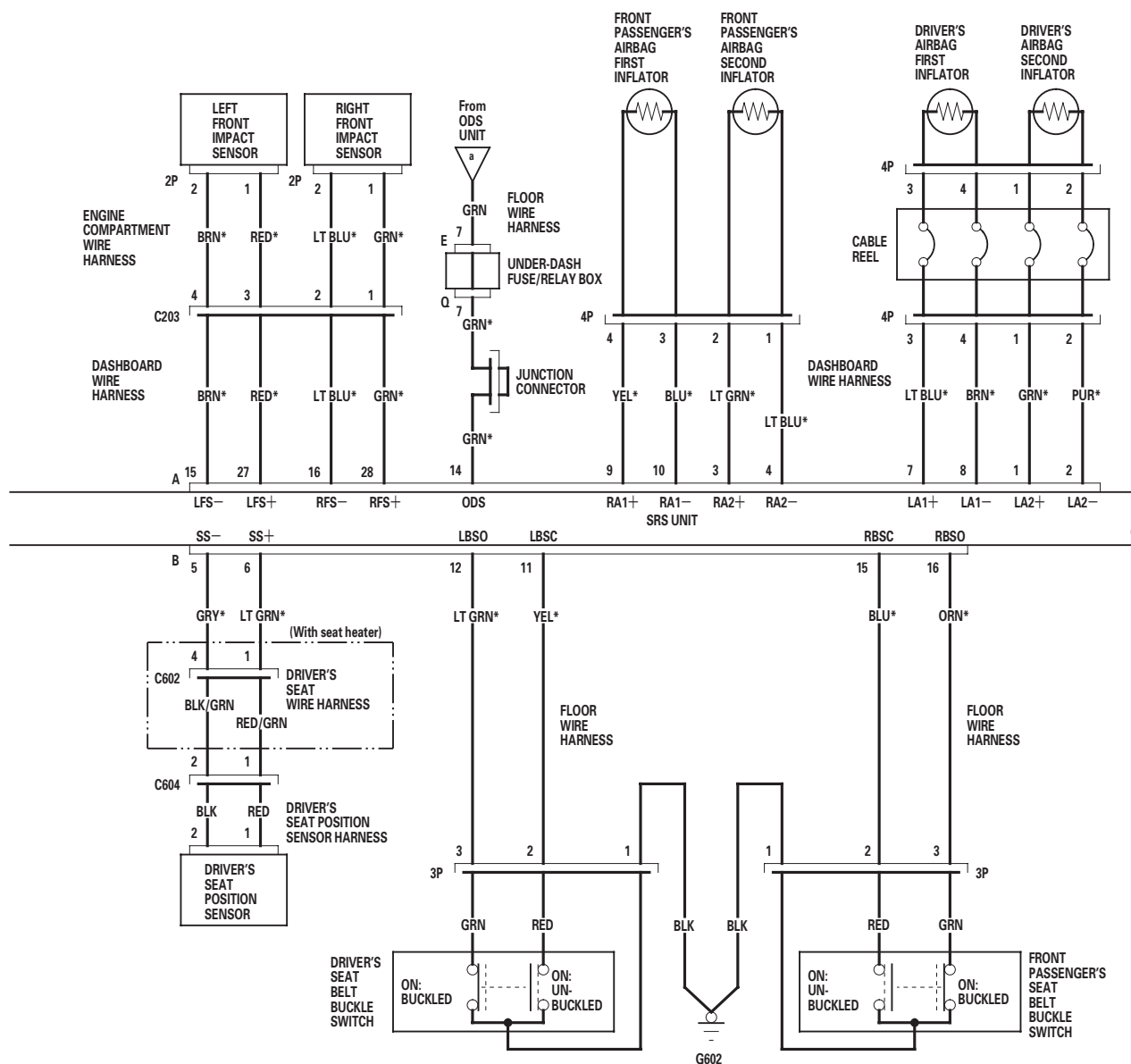
'06 model





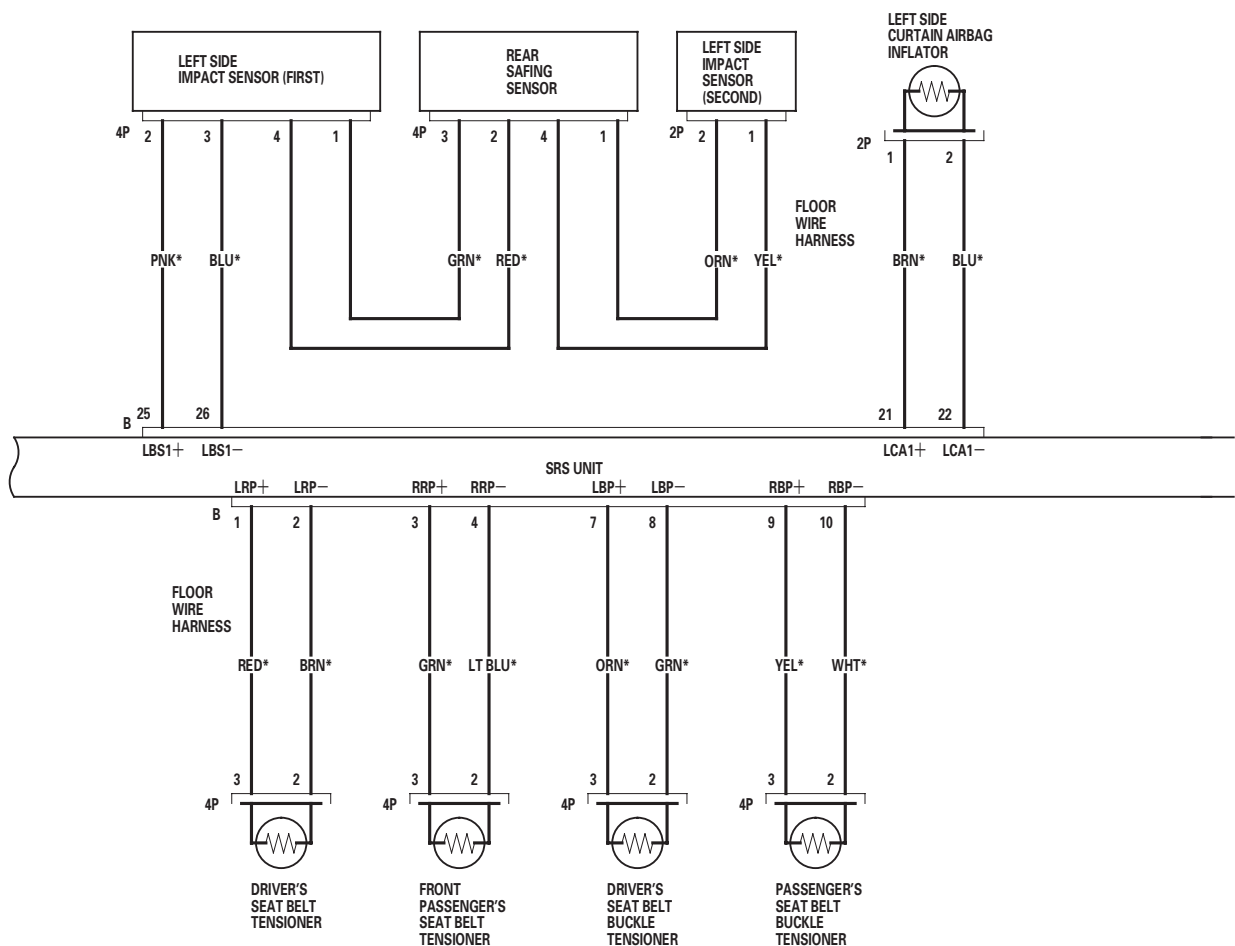
BLU or BRN wire color
can be used for the SRS circuits
that have a * mark

- - - - - : Shielding
- - - - - : CAN line



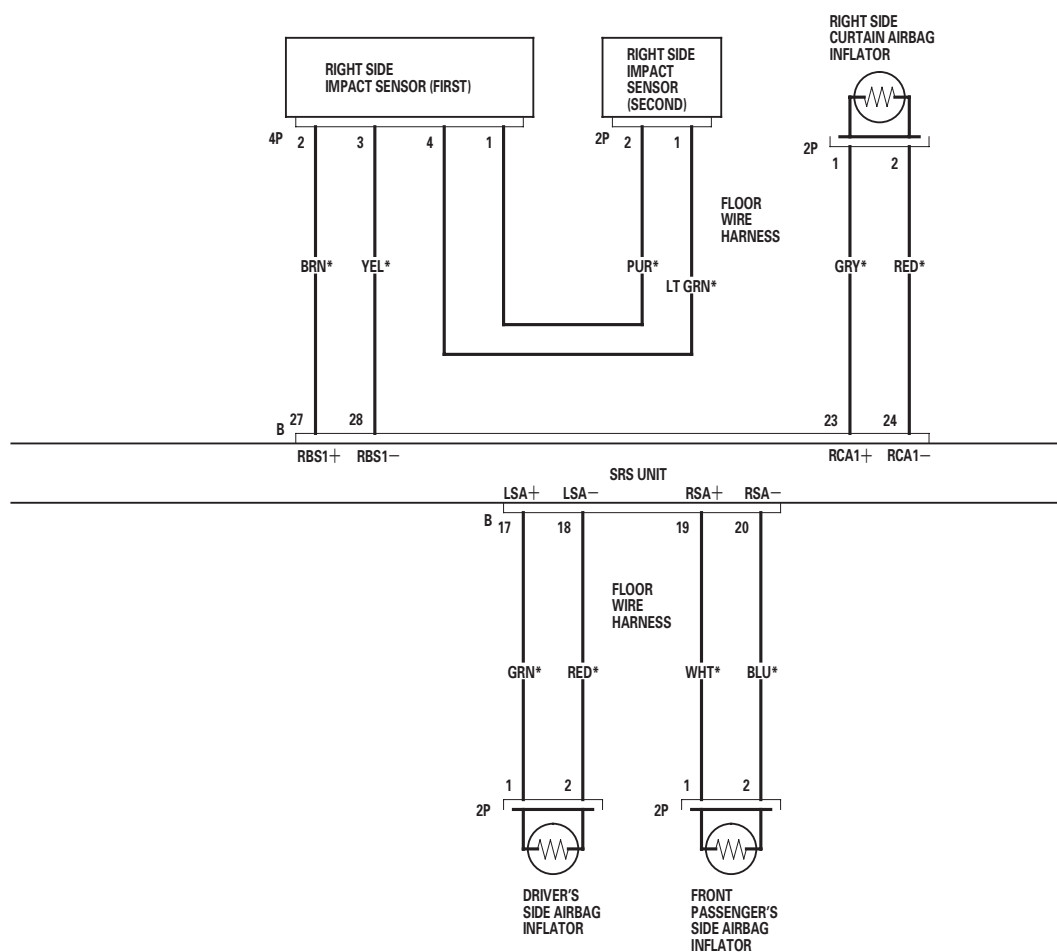
(cont'd)

Circuit Diagram (cont'd)



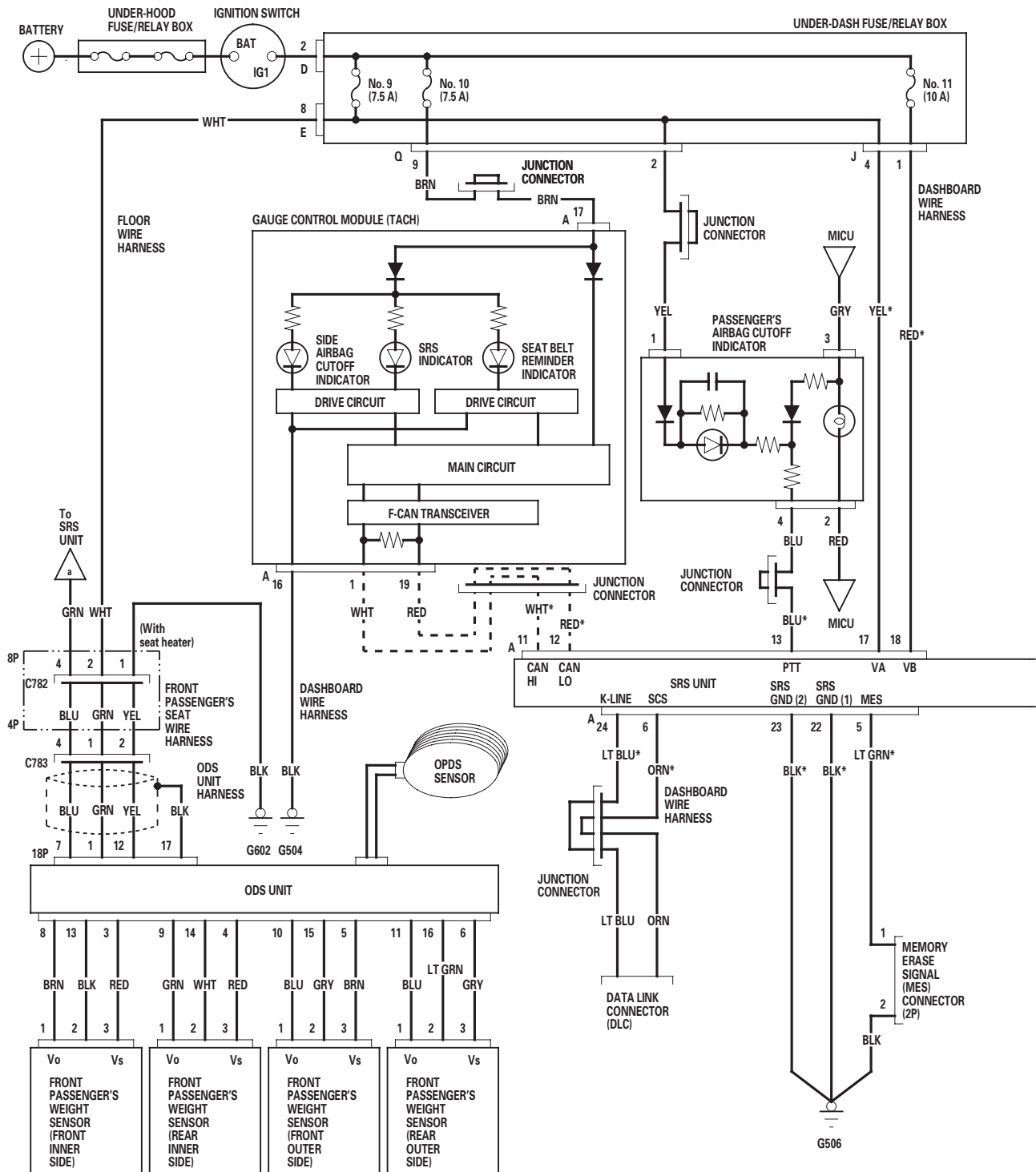


BLU or BRN wire color
can be used for the SRS circuits
that have a * mark



Circuit Diagram (cont'd)

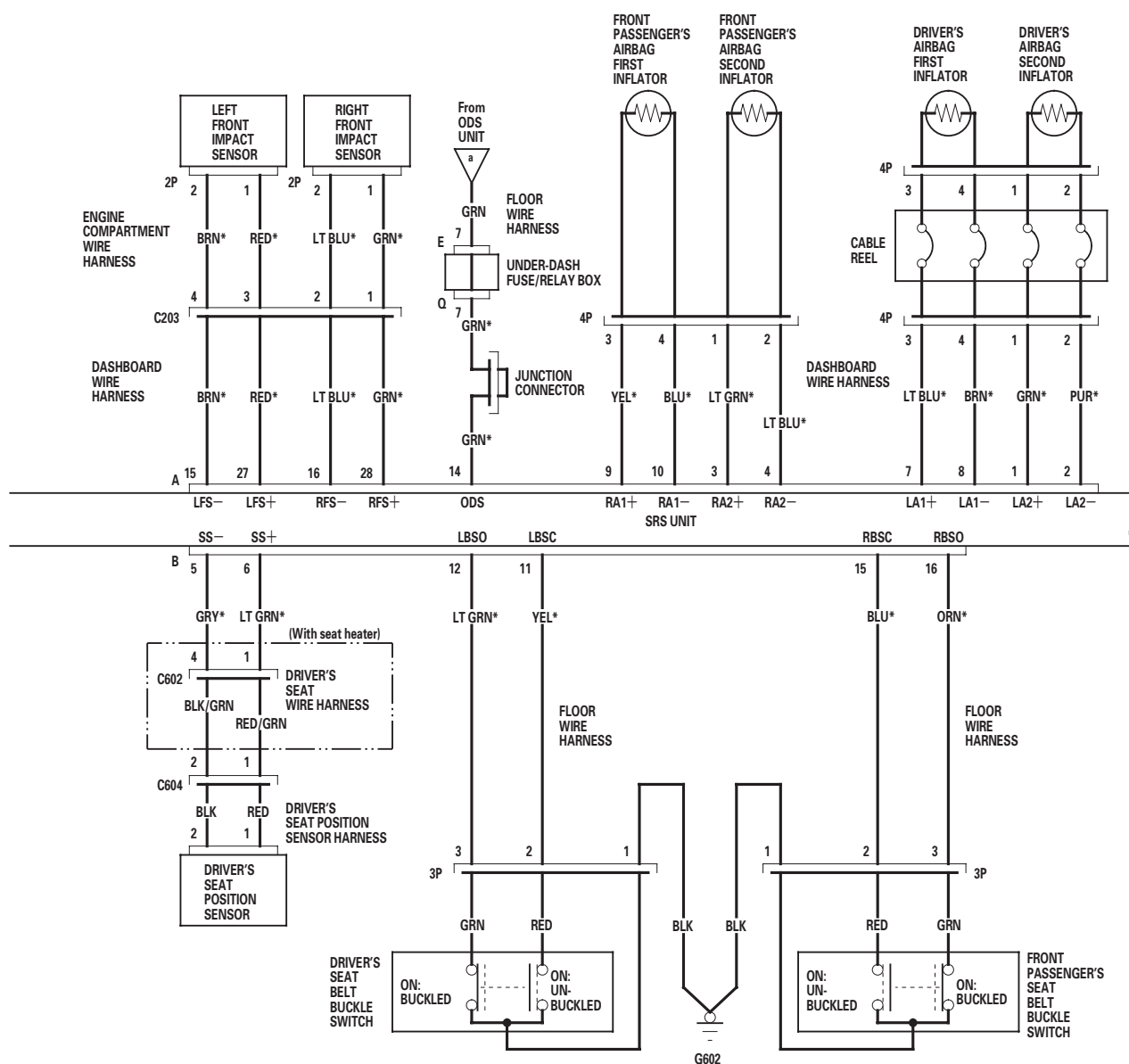
'07-09 models





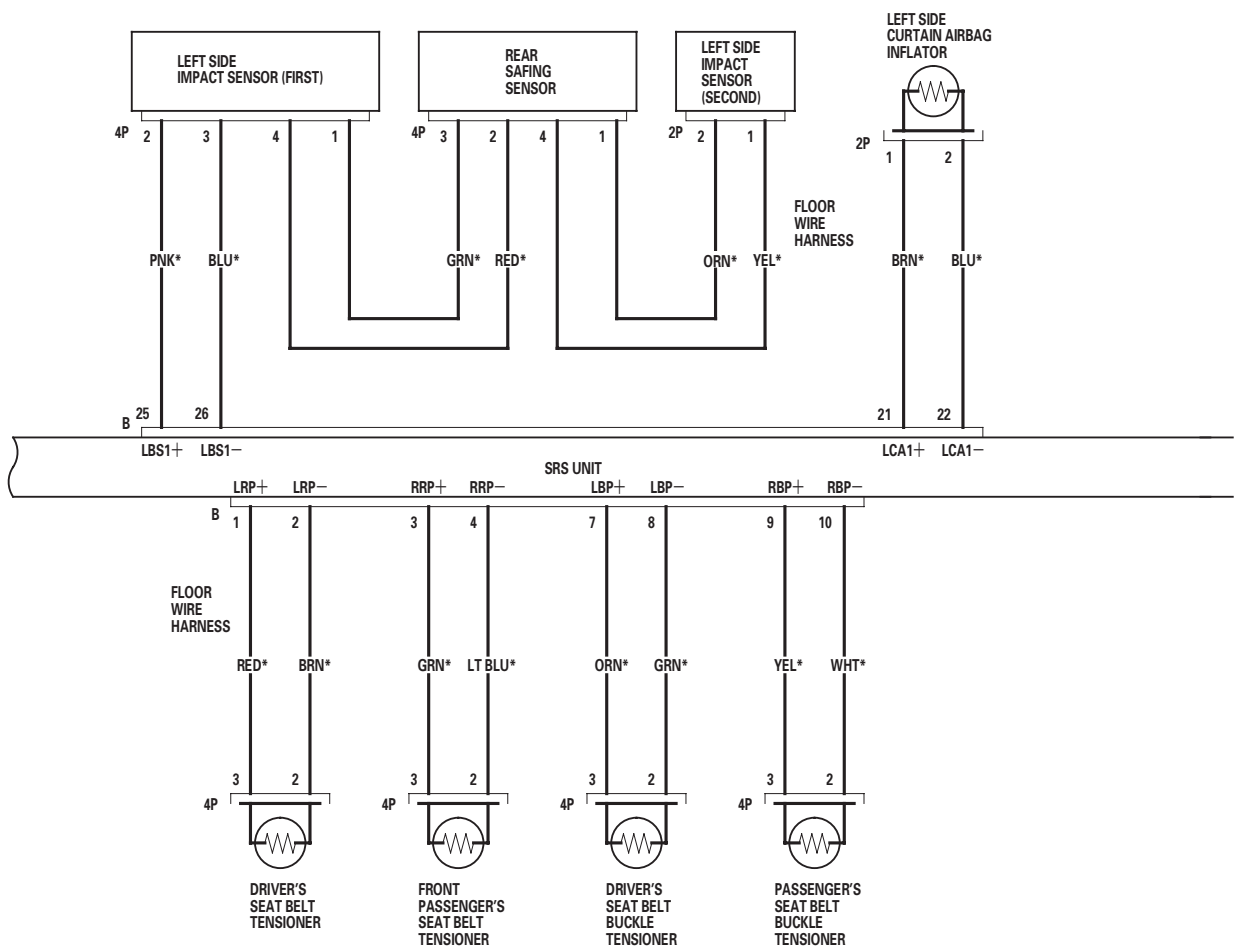
BLU or BRN wire color
can be used for the SRS circuits
that have a * mark

- - - - - : Shielding
- - - - - : CAN line



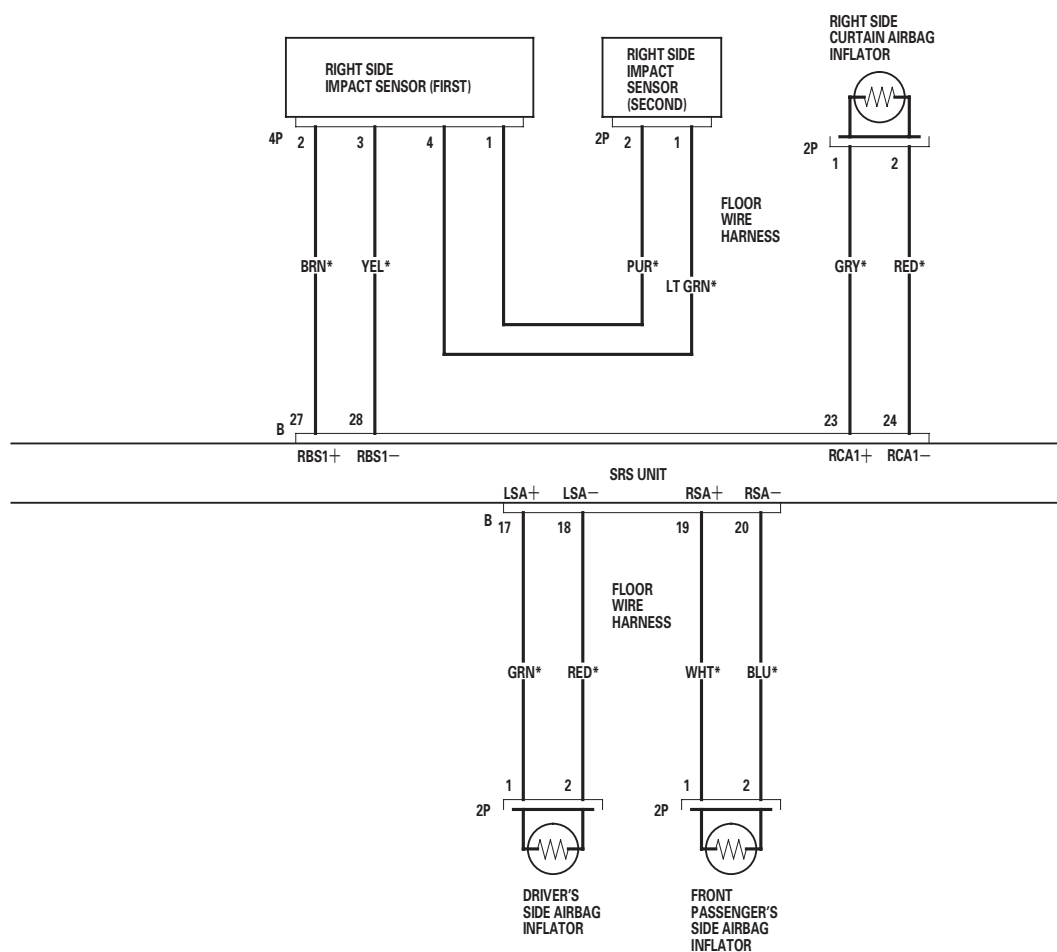
(cont'd)

Circuit Diagram (cont'd)





BLU or BRN wire color
can be used for the SRS circuits
that have a * mark



DTC Troubleshooting

DTC 11-1x ("x" can be 0 thru 9 or A thru F):
Open in the Driver's Airbag First Inflator

DTC 11-4x ("x" can be 0 thru 9 or A thru F):
Open in the Driver's Airbag Second Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead J 070AZ-SNAA100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

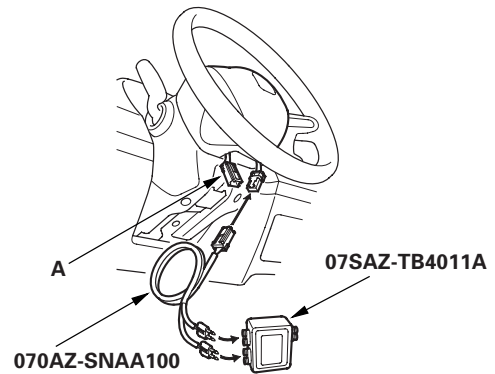
1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

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 (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Disconnect the driver's airbag 4P connector (A) from the cable reel.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead J to the cable reel.



6. Reconnect the negative cable to the battery.

7. Clear the DTC memory.

8. Read the DTC (see page 24-22).

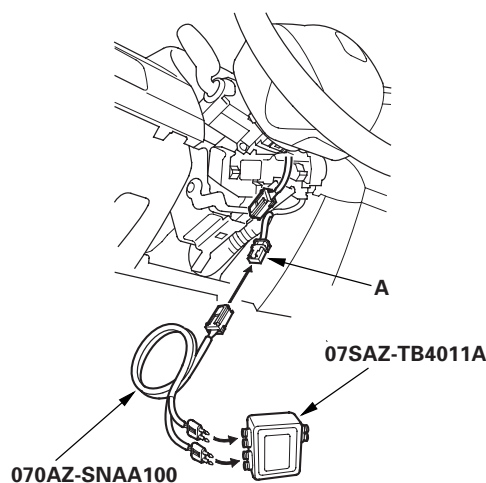
Is DTC 11-1x or 11-4x indicated?

YES—Go to step 9.

NO—Open in the driver's airbag first or second inflator; replace the driver's airbag (see page 24-188), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

10. Remove the column cover (see page 17-9), then disconnect the dashboard wire harness 4P connector (A) from the cable reel.



11. Connect the SRS inflator simulator (2 Ω 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 page 24-200), then clear the DTC. ■

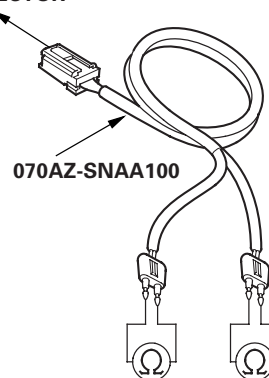
15. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

16. Disconnect SRS unit connector A (28P) from the SRS unit (see step 9 on page 24-21).

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 less than 1.0 Ω .

**DASHBOARD WIRE HARNESS
4P CONNECTOR**



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 page 24-203). ■

NO—Open in the dashboard wire harness; replace the dashboard wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 11-3x ("x" can be 0 thru 9 or A thru F):
Short to Another Wire or Decreased
Resistance in the 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 the Driver's Airbag Second
Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead J 070AZ-SNAA100
- SRS short canceller 070AZ-SAA0100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

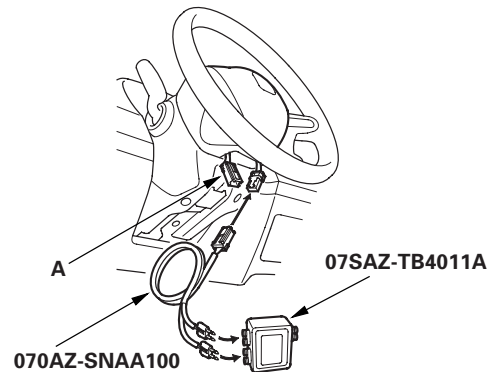
1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

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 (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Disconnect the driver's airbag 4P connector (A) from the cable reel.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead J to the cable reel.



6. Reconnect the negative cable to the battery.

7. Clear the DTC memory.

8. Read the DTC (see page 24-22).

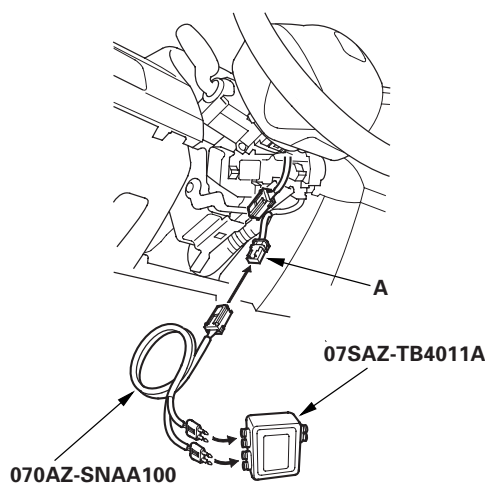
Is DTC 11-3x or 11-6x indicated?

YES—Go to step 9.

NO—Short in the driver's airbag first or second inflator; replace the driver's airbag (see page 24-188), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

10. Remove the column cover (see page 17-9), then disconnect dashboard wire harness 4P connector (A) from the cable reel.



11. Connect the SRS inflator simulator (2 Ω 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 page 24-200), then clear the DTC. ■

15. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

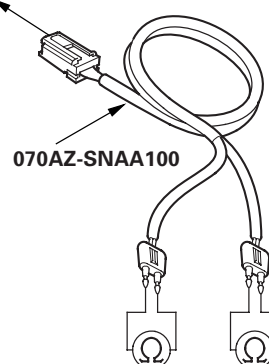
16. Disconnect SRS unit connector A (28P) from the SRS unit (see step 9 on page 24-21).

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 cancellers (070AZ-SAA0100) to SRS unit connector A (28P) terminals No. 7 and No. 8 and terminals No. 1 and No. 2 (see page 24-18).

19. Measure the resistance between the terminals of both SRS simulator leads. There should be an open circuit or at least 1 M Ω .

**DASHBOARD WIRE HARNESS
4P CONNECTOR**



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 page 24-203). ■

NO—Short in the dashboard wire harness; replace dashboard wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 11-8x ("x" can be 0 thru 9 or A thru F):
Short to Power in the Driver's Airbag First Inflator

DTC 11-Ax ("x" can be 0 thru 9 or A thru F):
Short to Power in the Driver's Airbag Second Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead J 070AZ-SNAA100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

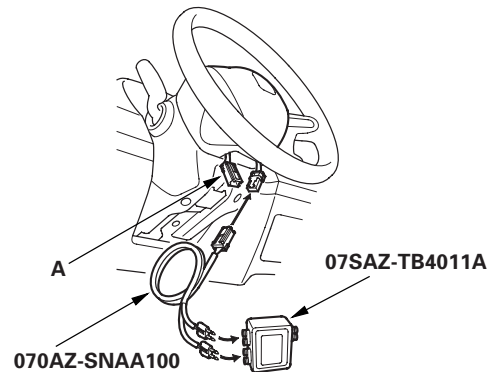
1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

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 (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Disconnect the driver's airbag 4P connector (A) from the cable reel.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead J to the cable reel.



6. Reconnect the negative cable to the battery.

7. Clear the DTC memory.

8. Read the DTC (see page 24-22).

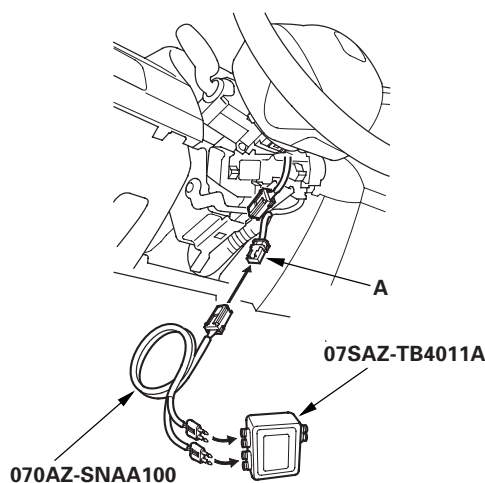
Is DTC 11-8x or 11-Ax indicated?

YES—Go to step 9.

NO—Short to power in the driver's airbag first or second inflator; replace the driver's airbag (see page 24-188), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

10. Remove the column cover (see page 17-9), then disconnect the dashboard wire harness 4P connector (A) from the cable reel.



11. Connect the SRS inflator simulator (2 Ω 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 page 24-200), then clear the DTC. ■

15. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

16. Disconnect SRS unit connector A (28P) from the SRS unit (see step 9 on page 24-21).

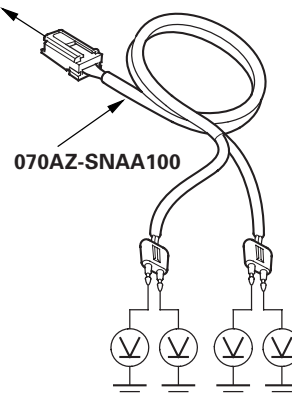
17. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the dashboard wire harness 4P connector.

18. Reconnect the negative cable to the battery.

19. Turn the ignition switch to ON (II).

20. Measure the voltage between each terminal of the SRS simulator lead and body ground. There should be less than 0.2 V.

**DASHBOARD WIRE HARNESS
4P CONNECTOR**



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 page 24-203). ■

NO—Short to power in the dashboard wire harness; replace the dashboard wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 11-9x ("x" can be 0 thru 9 or A thru F):
Short to Ground in the Driver's Airbag First Inflator

DTC 11-Bx ("x" can be 0 thru 9 or A thru F):
Short to Ground in the Driver's Airbag Second Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead J 070AZ-SNAA100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

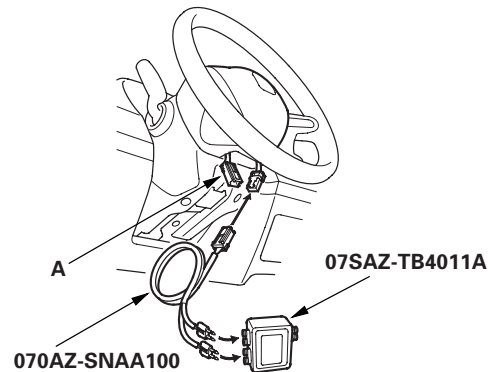
1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

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 (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Disconnect the driver's airbag 4P connector (A) from the cable reel.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead J to the cable reel.



6. Reconnect the negative cable to the battery.

7. Clear the DTC memory.

8. Read the DTC (see page 24-22).

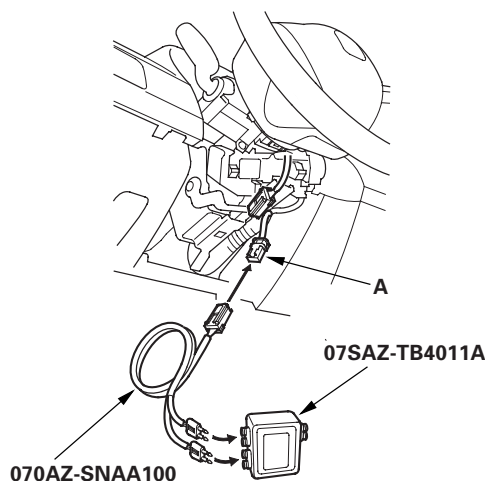
Is DTC 11-9x or 11-Bx indicated?

YES—Go to step 9.

NO—Short to ground in the driver's airbag first or second inflator; replace the driver's airbag (see page 24-188), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the battery negative cable, then wait at least 3 minutes.

10. Remove the column cover (see page 17-9), then disconnect the dashboard wire harness 4P connector (A) from the cable reel.



11. Connect the SRS inflator simulator (2 Ω 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 page 24-200), then clear the DTC. ■

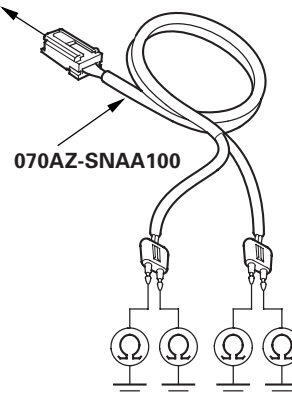
15. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

16. Disconnect SRS unit connector A (28P) from the SRS unit (see step 9 on page 24-21).

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 or at least 1 M Ω .

**DASHBOARD WIRE HARNESS
4P CONNECTOR**



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 page 24-203). ■

NO—Short to ground in the dashboard wire harness; replace the dashboard wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 12-1x ("x" can be 0 thru 9 or A thru F):
Open in the Front Passenger's Airbag First Inflator

DTC 12-4x ("x" can be 0 thru 9 or A thru F):
Open in the Front Passenger's Airbag Second Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead J 070AZ-SNAA100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

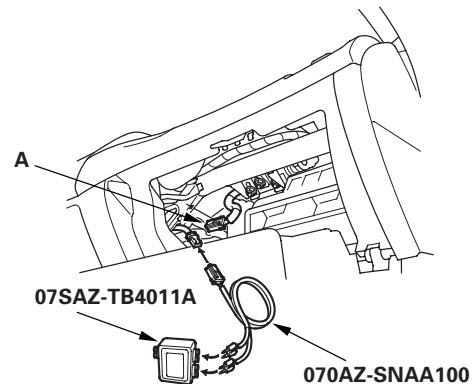
1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

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 (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Remove the lower glove box (see page 20-104), then disconnect the front passenger's airbag 4P connector (A) from dashboard wire harness.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead J to the dashboard wire harness.



6. Reconnect the negative cable to the battery.

7. Clear the DTC memory.

8. Read the DTC (see page 24-22).

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 page 24-189), then clear the DTC. ■

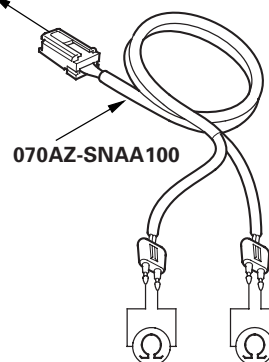
9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

10. Disconnect SRS unit connector A (28P) from the SRS unit (see step 9 on page 24-21).

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 less than 1.0 Ω .

**DASHBOARD WIRE HARNESS
4P CONNECTOR**



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 page 24-203). ■

NO—Open in the dashboard wire harness; replace the dashboard wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 12-3x ("x" can be 0 thru 9 or A thru F):
Short to Another Wire or Decreased
Resistance in the 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 the Front Passenger's Airbag
Second Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead J 070AZ-SNAA100
- SRS short canceller 070AZ-SAA0100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

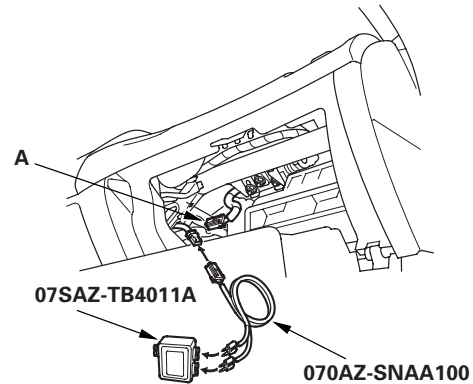
Does the SRS indicator stay on, and is DTC 12-3x or 12-6x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Remove the lower glove box (see page 20-104), then disconnect the front passenger's airbag 4P connector (A) from the dashboard wire harness.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead J to dashboard wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see page 24-22).

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

YES—Go to step 9.

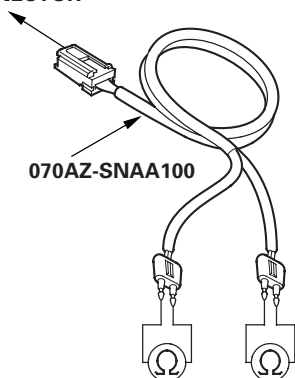
NO—Short in the front passenger's airbag first or second inflator; replace the front passenger's airbag (see page 24-189), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect SRS unit connector A (28P) from the SRS unit (see step 9 on page 24-21).
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 cancellers (070AZ-SAA0100) to the SRS unit connector A (28P) terminals No. 9 and No. 10 and No. 3 and terminals No. 3 and No. 4 (see page 24-18).



13. Measure the resistance between the terminals of both SRS simulator leads. There should be an open circuit or at least 1 M Ω .

**DASHBOARD WIRE HARNESS
4P CONNECTOR**



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 page 24-203). ■

NO—Short in the dashboard wire harness; replace the dashboard wire harness, then clear the DTC. ■

DTC 12-8x ("x" can be 0 thru 9 or A thru F):
Short to Power in the Front Passenger's Airbag First Inflator

DTC 12-Ax ("x" can be 0 thru 9 or A thru F):
Short to Power in the Front Passenger's Airbag Second Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead J 070AZ-SNAA100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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?

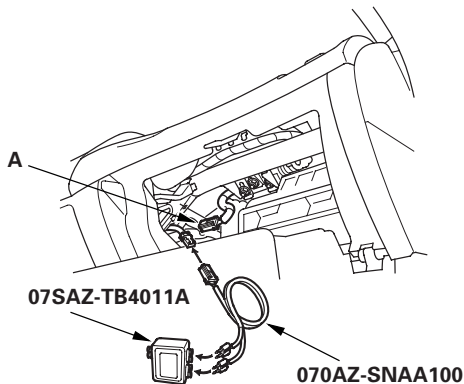
YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

(cont'd)

DTC Troubleshooting (cont'd)

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Remove the lower glove box (see page 20-104), then disconnect the front passenger's airbag 4P connector (A) from dashboard wire harness.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead J to the dashboard wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see page 24-22).

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

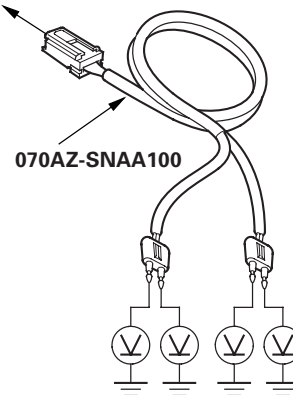
YES—Go to step 9.

NO—Short to power in the front passenger's airbag first or second inflator; replace the front passenger's airbag (see page 24-189), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect SRS unit connector A (28P) from the SRS unit (see step 9 on page 24-21).
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 to ON (II).
14. Measure the voltage between each terminal of the SRS simulator lead and body ground. There should be less than 0.2 V.

**DASHBOARD WIRE HARNESS
4P CONNECTOR**



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 page 24-203). ■

NO—Short to power in the dashboard wire harness; replace the dashboard wire harness, then clear the DTC. ■



DTC 12-9x ("x" can be 0 thru 9 or A thru F):
Short to Ground in the Front Passenger's
Airbag First Inflator

DTC 12-Bx ("x" can be 0 thru 9 or A thru F):
Short to Ground in the Front Passenger's
Airbag Second Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead J 070AZ-SNAA100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

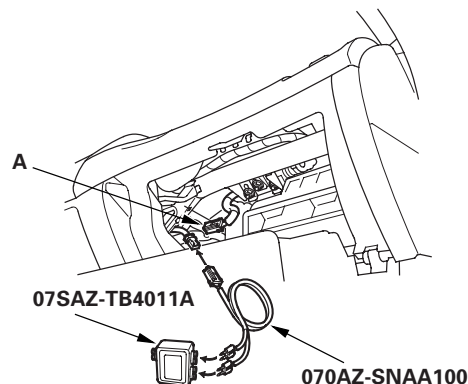
1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

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 (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Remove the lower glove box (see page 20-104), then disconnect the front passenger's airbag 4P connector (A) from the dashboard wire harness.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead J to the dashboard wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see page 24-22).

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 page 24-189), then clear the DTC. ■

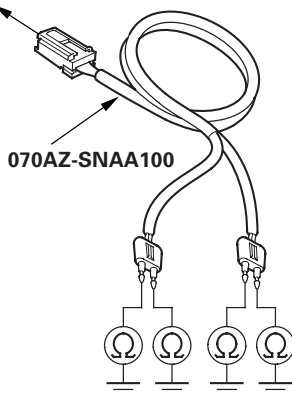
9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect SRS unit connector A (28P) from the SRS unit (see step 9 on page 24-21).
11. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the dashboard wire harness 4P connector.

(cont'd)

DTC Troubleshooting (cont'd)

12. Measure the resistance between each terminal of the SRS simulator lead and body ground. There should be an open circuit or at least 1 M Ω .

**DASHBOARD WIRE HARNESS
4P CONNECTOR**



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 page 24-203). ■

NO—Short to ground in the dashboard wire harness; replace the dashboard wire harness, then clear the DTC. ■

DTC 21-1x ("x" can be 0 thru 9 or A thru F): Open in the Driver's Seat Belt Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

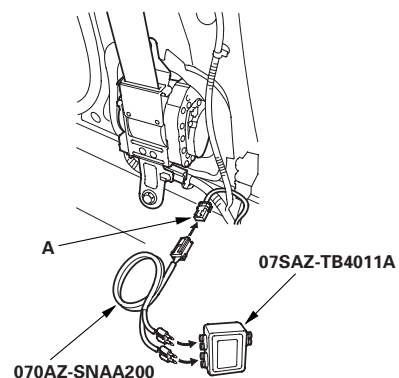
1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

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 (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Remove the B-pillar lower trim (see page 20-72), then disconnect the floor wire harness 4P connector (A) from the driver's seat belt tensioner.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to the floor wire harness.



6. Reconnect the negative cable to the battery.

7. Clear the DTC memory.

8. Read the DTC (see page 24-22).

Is DTC 21-1x indicated?

YES—Go to step 9.

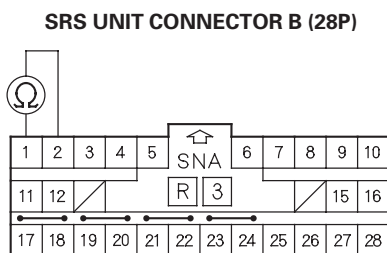
NO—Open in the driver's seat belt tensioner; replace the driver's seat belt (see page 24-4), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and front passenger's seat belt tensioner connector (see step 7 on page 24-21).

11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).

12. Measure the resistance between SRS unit connector B (28P) terminals No. 1 and No. 2. There should be 2.0—3.0 Ω .



Wire side of female terminals

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 page 24-203). ■

NO—Open in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC 21-3x ("x" can be 0 thru 9 or A thru F): Short to Another Wire or Decreased Resistance in the Driver's Seat Belt Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).

2. Turn the ignition switch to 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?

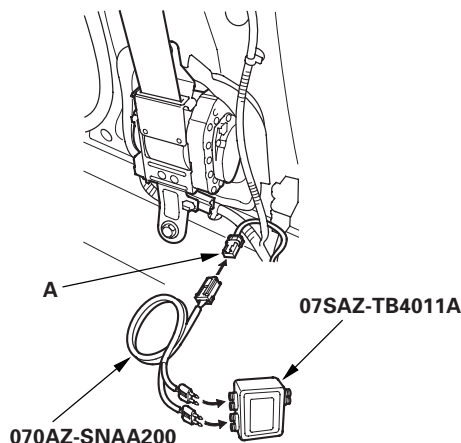
YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

(cont'd)

DTC Troubleshooting (cont'd)

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Remove the B-pillar lower trim (see page 20-72), then disconnect the floor wire harness 4P connector (A) from the driver's seat belt tensioner.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see page 24-22).

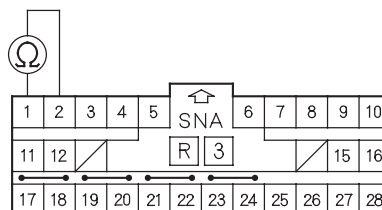
Is DTC 21-3x indicated?

YES—Go to step 9.

NO—Short in the driver's seat belt tensioner; replace the driver's seat belt (see page 24-4), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and front passenger's seat belt tensioner connector (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the simulator lead from the floor wire harness.
13. Measure the resistance between SRS unit connector B (28P) terminals No. 1 and No. 2. There should be an open circuit or at least 1 M Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

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 page 24-203). ■

NO—Short in the floor wire harness; replace the floor wire harness, then clear the DTC. ■



DTC 21-8x ("x" can be 0 thru 9 or A thru F): Short to Power in the Driver's Seat Belt Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

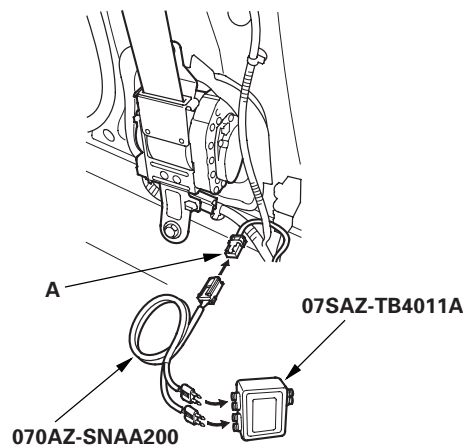
Does the SRS indicator stay on, and is DTC 21-8x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Remove the B-pillar lower trim (see page 20-72), then disconnect the floor wire harness 4P connector (A) from the driver's seat belt tensioner.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see page 24-22).

Is DTC 21-8x indicated?

YES—Go to step 9.

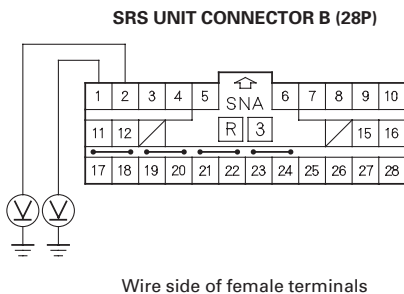
NO—Short to power in the driver's seat belt tensioner; replace the driver's seat belt (see page 24-4), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

(cont'd)

DTC Troubleshooting (cont'd)

10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and front passenger's seat belt tensioner connector (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the simulator lead from the floor wire harness.
13. Reconnect the negative cable to the battery.
14. Turn the ignition switch to ON (II).
15. Measure the voltage between body ground and SRS unit connector B (28P) terminals No. 1 and No. 2, individually. There should be less than 0.2 V.



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 page 24-203). ■

NO—Short to power in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC 21-9x ("x" can be 0 thru 9 or A thru F): Short to Ground in the Driver's Seat Belt Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

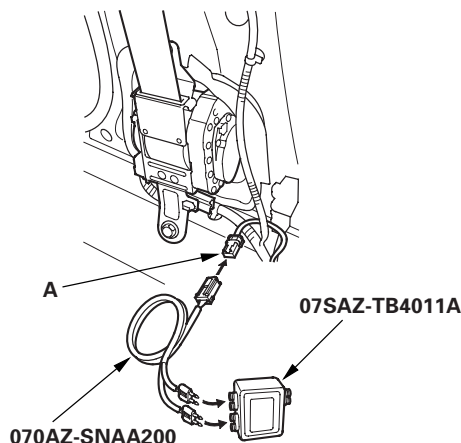
Does the SRS indicator stay on, and is DTC 21-9x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshooting the DTC. ■



3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Remove the B-pillar lower trim (see page 20-72), then disconnect the floor wire harness 4P connector (A) from the driver's seat belt tensioner.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see page 24-22).

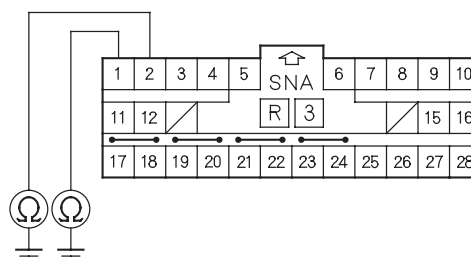
Is DTC 21-9x indicated?

YES—Go to step 9.

NO—Short to ground in the driver's seat belt tensioner; replace the driver's seat belt (see page 24-4), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and front passenger's seat belt tensioner connector (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the simulator lead from the floor wire harness.
13. Measure the resistance between body ground and SRS unit connector B (28P) terminals No. 1 and No. 2, individually. There should be an open circuit or at least 1 M Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

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 page 24-203). ■

NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 22-1x ("x" can be 0 thru 9 or A thru F): Open in the Front Passenger's Seat Belt Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

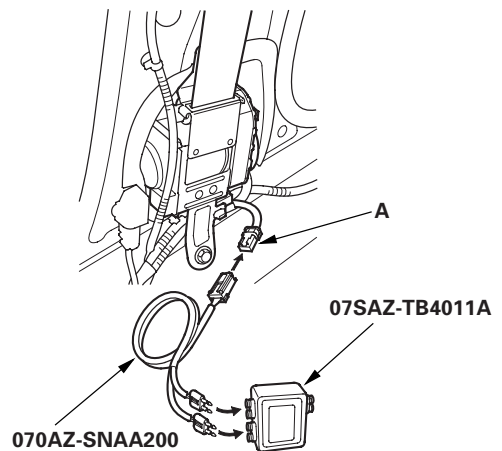
1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

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 (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Remove the B-pillar lower trim (see page 20-72), then disconnect the floor wire harness 4P connector (A) from the front passenger's seat belt tensioner.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to the floor wire harness.



6. Reconnect the negative cable to the battery.

7. Clear the DTC memory.

8. Read the DTC (see page 24-22).

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 page 24-4), then clear the DTC. ■

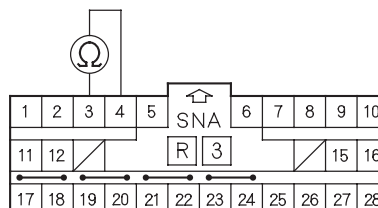
9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and driver's seat belt tensioner connector (see step 7 on page 24-21).

11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).

12. Measure the resistance between SRS unit connector B (28P) terminals No. 3 and No. 4. There should be 2.0—3.0 Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

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 page 24-203). ■

NO—Open in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 22-3x ("x" can be 0 thru 9 or A thru F): Short to Another Wire or Decreased Resistance in the Front Passenger's Seat Belt Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

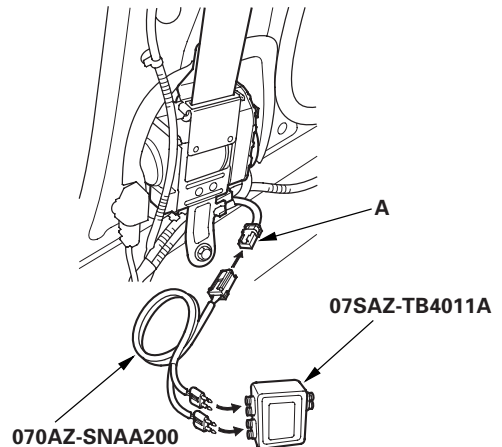
Does the SRS indicator stay on, and is DTC 22-3x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Remove the B-pillar lower trim (see page 20-72), then disconnect the floor wire harness 4P connector (A) from the front passenger's seat belt tensioner.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to the floor wire harness.



6. Reconnect the negative cable to the battery.

7. Clear the DTC memory.

8. Read the DTC (see page 24-22).

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 page 24-4), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

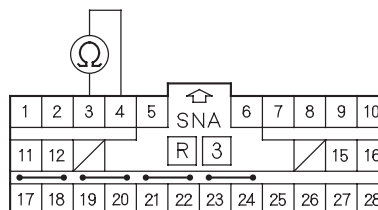
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and driver's seat belt tensioner connector (see step 7 on page 24-21).

11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).

12. Disconnect the simulator lead from the floor wire harness.

13. Measure the resistance between SRS unit connector B (28P) terminals No. 3 and No. 4. There should be an open circuit or at least 1 M Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

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 page 24-203). ■

NO—Short in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 22-8x ("x" can be 0 thru 9 or A thru F): Short to Power in the Front Passenger's Seat Belt Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

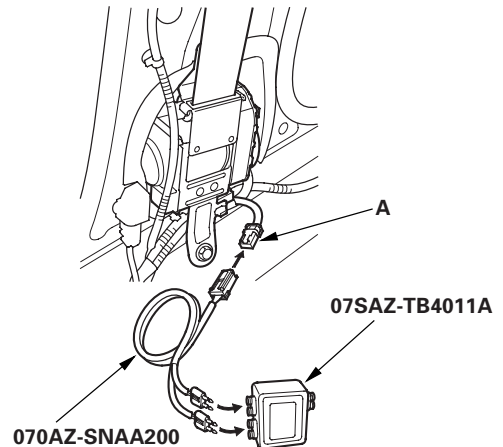
Does the SRS indicator stay on, and is DTC 22-8x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Remove the B-pillar lower trim (see page 20-72), then disconnect the floor wire harness 4P connector (A) from the front passenger's seat belt tensioner.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.



8. Read the DTC (see page 24-22).

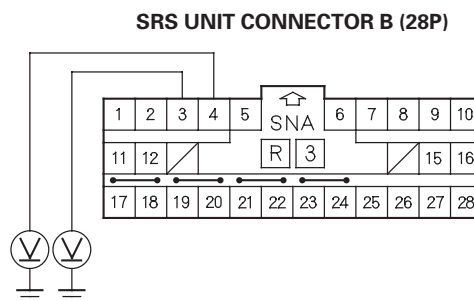
Is DTC 22-8x indicated?

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 page 24-4), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and driver's seat belt tensioner connector (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the simulator lead from the floor wire harness.
13. Reconnect the negative cable to the battery.
14. Turn the ignition switch to ON (II).

15. Measure the voltage between body ground and SRS unit connector B (28P) terminals No. 3 and No. 4, individually. There should be less than 0.2 V.



Wire side of female terminals

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 page 24-203). ■

NO—Short to power in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 22-9x ("x" can be 0 thru 9 or A thru F): Short to Ground in the Front Passenger's Seat Belt Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

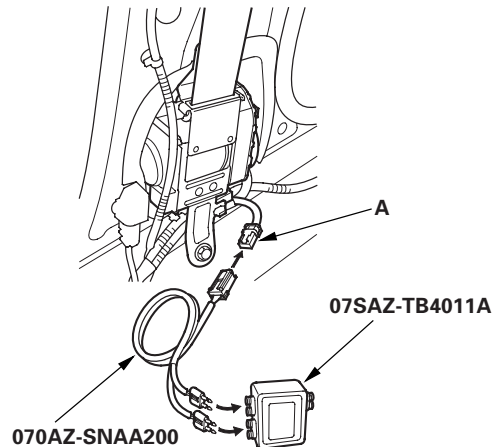
Does the SRS indicator stay on, and is DTC 22-9x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Remove the B-pillar lower trim (see page 20-72), then disconnect the floor wire harness 4P connector (A) from the front passenger's seat belt tensioner.



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.



8. Read the DTC (see page 24-22).

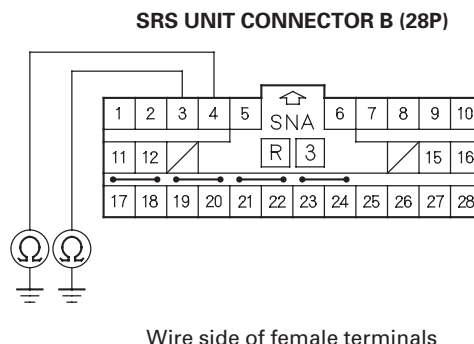
Is DTC 22-9x indicated?

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 page 24-4), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and driver's seat belt tensioner connector (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the simulator lead from the floor wire harness.

13. Measure the resistance between body ground and SRS unit connector B (28P) terminals No. 3 and No. 4, individually. There should be an open circuit or at least 1 M Ω .



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 page 24-203). ■

NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 27-1x ("x" can be 0 thru 9 or A thru F): Open in the Driver's Seat Belt Buckle Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

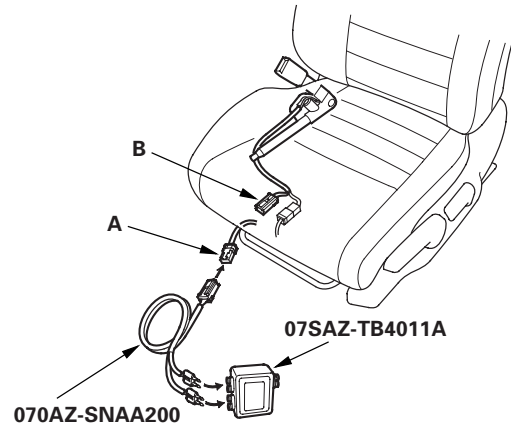
Does the SRS indicator stay on, and is DTC 27-1x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

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



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to the floor wire harness connector.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.



8. Read the DTC (see page 24-22).

Is DTC 27-1x indicated?

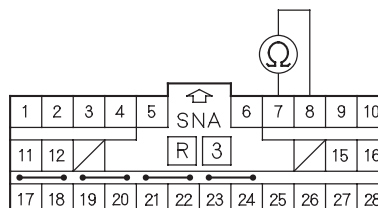
YES—Go to step 9.

NO—Open in the driver's seat belt buckle tensioner; replace the driver's seat belt buckle (see page 24-6), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both side airbag 2P connectors (see step 4 on page 24-20) and the front passenger's seat belt buckle tensioner 4P connector (see step 8 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).

12. Measure the resistance between SRS unit connector B (28P) terminals No. 7 and No. 8. There should be 2.0—3.0 Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

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 page 24-203). ■

NO—Open in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 27-3x ("x" can be 0 thru 9 or A thru F): Short to Another Wire or Decreased Resistance in the Driver's Seat Belt Buckle Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

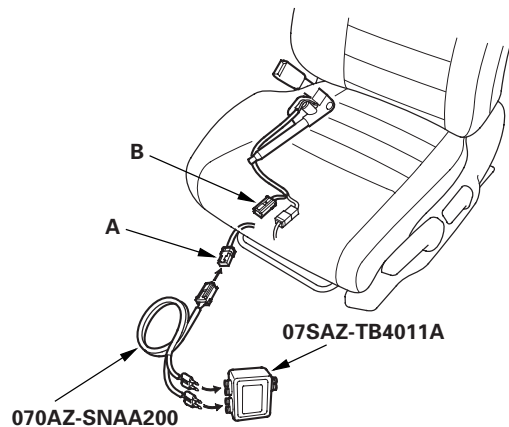
Does the SRS indicator stay on, and is DTC 27-3x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

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



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to the floor wire harness connector.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.



8. Read the DTC (see page 24-22).

Is DTC 27-3x indicated?

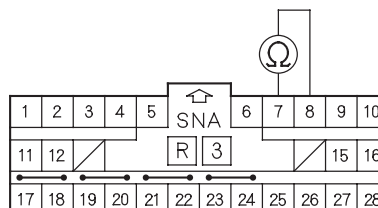
YES—Go to step 9.

NO—Short in the driver's seat belt buckle tensioner; replace the driver's seat belt buckle (see page 24-6), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both side airbag 2P connectors (see step 4 on page 24-20) and the front passenger's seat belt buckle tensioner 4P connector (see step 8 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the simulator lead from the floor wire harness.

13. Measure the resistance between SRS unit connector B (28P) terminals No. 7 and No. 8. There should be an open circuit or at least 1 M Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

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 page 24-203). ■

NO—Short in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 27-8x ("x" can be 0 thru 9 or A thru F): Short to Power in the Driver's Seat Belt Buckle Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

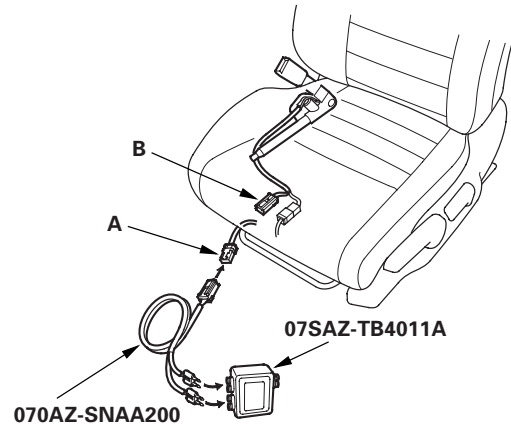
Does the SRS indicator stay on, and is DTC 27-8x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

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



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to the floor wire harness connector.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.



8. Read the DTC (see page 24-22).

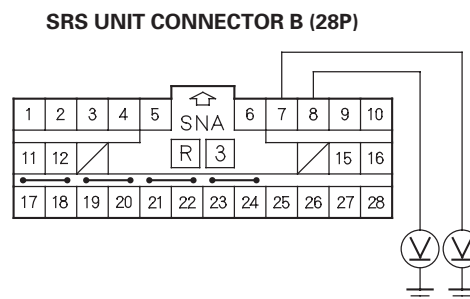
Is DTC 27-8x indicated?

YES—Go to step 9.

NO—Short to power in the driver's seat belt buckle tensioner; replace the driver's seat belt buckle (see page 24-6), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both side airbag 2P connectors (see step 4 on page 24-20) and the front passenger's seat belt buckle tensioner 4P connector (see step 8 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the simulator lead from the floor wire harness.
13. Reconnect the negative cable to the battery.
14. Turn the ignition switch to ON (II).

15. Measure the voltage between body ground and SRS unit connector B (28P) terminals No. 7 and No. 8, individually. There should be less than 0.2 V.



Wire side of female terminals

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 page 24-203). ■

NO—Short to power in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 27-9x ("x" can be 0 thru 9 or A thru F): Short to Ground in the Driver's Seat Belt Buckle Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

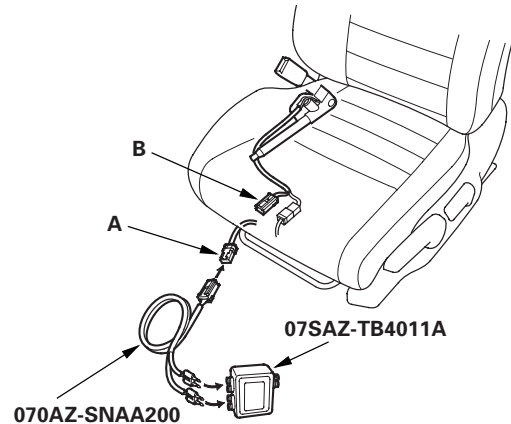
Does the SRS indicator stay on, and is DTC 27-9x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

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



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to the floor wire harness connector.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.



8. Read the DTC (see page 24-22).

Is DTC 27-9x indicated?

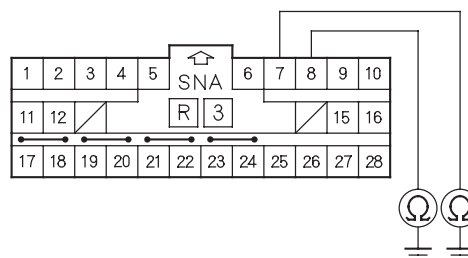
YES—Go to step 9.

NO—Short to ground in the driver's seat belt buckle tensioner; replace the driver's seat belt buckle (see page 24-6), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both side airbag 2P connectors (see step 4 on page 24-20) and the front passenger's seat belt buckle tensioner 4P connector (see step 8 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the simulator lead from the floor wire harness.

13. Measure the resistance between body ground and SRS unit connector B (28P) terminals No. 7 and No. 8, individually. There should be an open circuit or at least 1 M Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

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 page 24-203). ■

NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 28-1x ("x" can be 0 thru 9 or A thru F): Open in the Front Passenger's Seat Belt Buckle Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

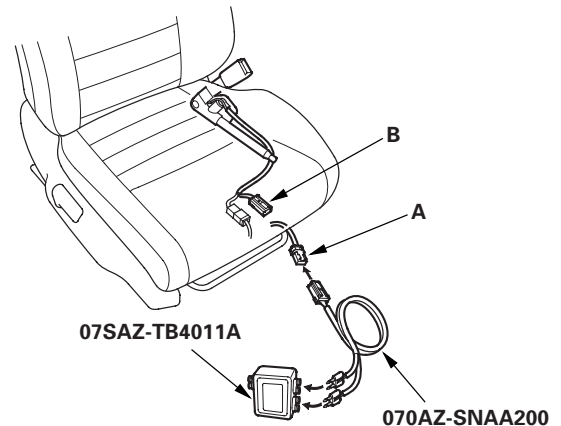
Does the SRS indicator stay on, and is DTC 28-1x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Disconnect the floor wire harness 4P connector (A) from the front passenger's seat belt buckle tensioner connector (B).



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to the floor wire harness connector.



6. Reconnect the negative cable to the battery.

7. Clear the DTC memory.

8. Read the DTC (see page 24-22).

Is DTC 28-1x indicated?

YES—Go to step 9.

NO—Open in the front passenger's seat belt buckle tensioner; replace the front passenger's seat belt buckle (see page 24-6), then clear the DTC. ■

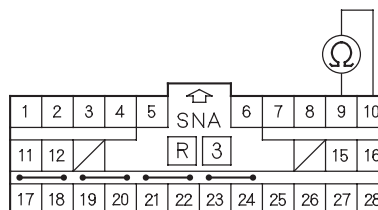
9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

10. Disconnect both side airbag 2P connectors (see step 4 on page 24-20) and the driver's seat belt buckle tensioner 4P connector (see step 8 on page 24-21).

11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).

12. Measure the resistance between SRS unit connector B (28P) terminals No. 9 and No. 10. There should be 2.0—3.0 Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

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 page 24-203). ■

NO—Open in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 28-3x ("x" can be 0 thru 9 or A thru F): Short to Another Wire or Decreased Resistance in the Front Passenger's Seat Belt Buckle Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

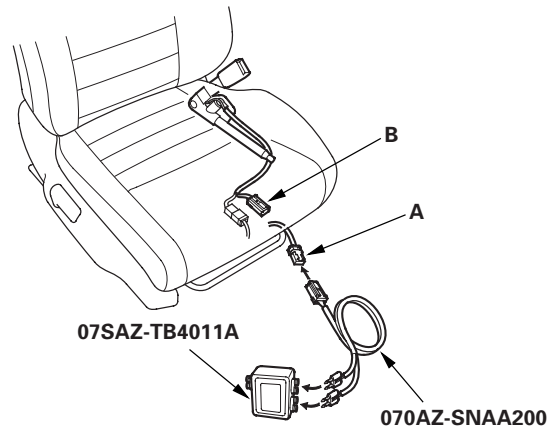
Does the SRS indicator stay on, and is DTC 28-3x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Disconnect the floor wire harness 4P connector (A) from the front passenger's seat belt buckle tensioner connector (B).



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to floor wire harness connector.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.



8. Read the DTC (see page 24-22).

Is DTC 28-3x indicated?

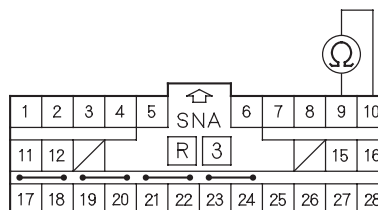
YES—Go to step 9.

NO—Short in the front passenger's seat belt buckle tensioner; replace the front passenger's seat belt buckle (see page 24-6), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both side airbag 2P connectors (see step 4 on page 24-20) and the driver's seat belt buckle tensioner 4P connector (see step 8 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the simulator lead from the floor wire harness.

13. Measure the resistance between SRS unit connector B (28P) terminals No. 9 and No. 10. There should be an open circuit or at least 1 M Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

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 page 24-203). ■

NO—Short in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 28-8x ("x" can be 0 thru 9 or A thru F): Short to Power in the Front Passenger's Seat Belt Buckle Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

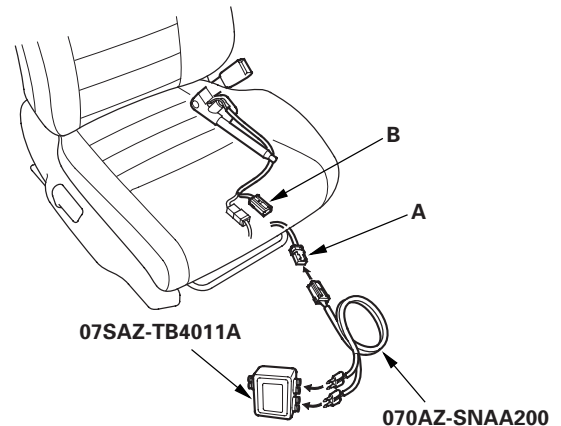
Does the SRS indicator stay on, and is DTC 28-8x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Disconnect the floor wire harness 4P connector (A) from the front passenger's seat belt buckle tensioner connector (B).



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to floor wire harness connector.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.



8. Read the DTC (see page 24-22).

Is DTC 28-8x indicated?

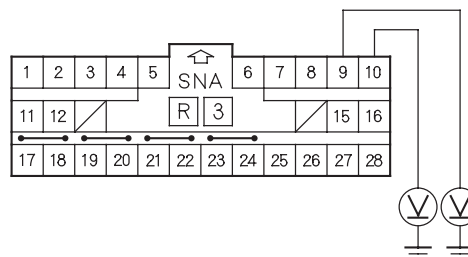
YES—Go to step 9.

NO—Short to power in the front passenger's seat belt buckle tensioner; replace the front passenger's seat belt buckle (see page 24-6), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both side airbag 2P connectors (see step 4 on page 24-20) and the driver's seat belt buckle tensioner 4P connector (see step 8 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the simulator lead from the floor wire harness.
13. Reconnect the negative cable to the battery.
14. Turn the ignition switch to ON (II).

15. Measure the voltage between body ground and SRS unit connector B (28P) terminals No. 9 and No. 10, individually. There should be less than 0.2 V.

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

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 page 24-203). ■

NO—Short to power in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 28-9x ("x" can be 0 thru 9 or A thru F): Short to Ground in the Front Passenger's Seat Belt Buckle Tensioner

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead K 070AZ-SNAA200

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

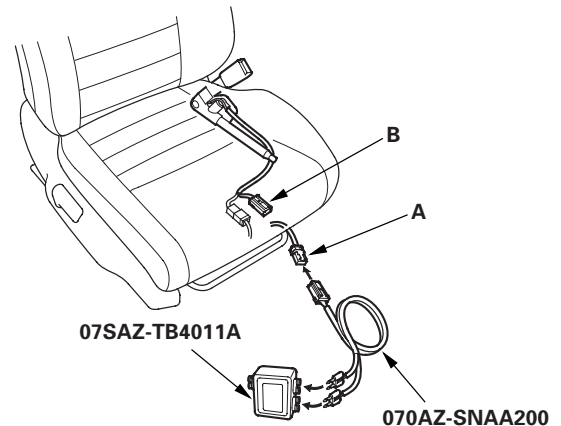
Does the SRS indicator stay on, and is DTC 28-9x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Disconnect the floor wire harness 4P connector (A) from the front passenger's seat belt buckle tensioner connector (B).



5. Connect the SRS inflator simulator (2 Ω connectors) and simulator lead K to floor wire harness connector.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.



8. Read the DTC (see page 24-22).

Is DTC 28-9x indicated?

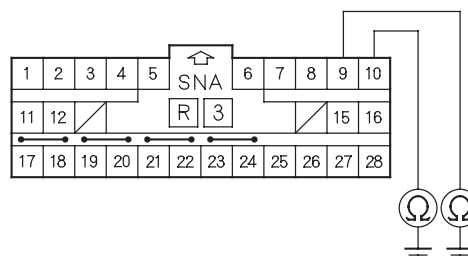
YES—Go to step 9.

NO—Short to ground in the front passenger's seat belt buckle tensioner; replace the front passenger's seat belt buckle (see page 24-6), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both side airbag 2P connectors (see step 4 on page 24-20) and the driver's seat belt buckle tensioner 4P connector (see step 8 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the simulator lead from the floor wire harness.

13. Measure the resistance between body ground and SRS unit connector B (28P) terminals No. 9 and No. 10, individually. There should be an open circuit or at least 1 M Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

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 page 24-203). ■

NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 31-1x ("x" can be 0 thru 9 or A thru F): Open in the Driver's Side Airbag Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

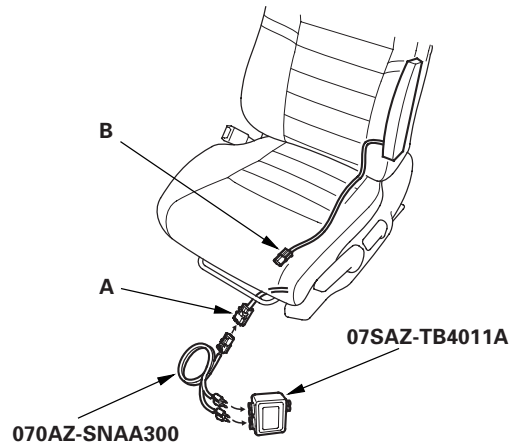
Does the SRS indicator stay on, and is DTC 31-1x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

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



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.



8. Read the DTC (see page 24-22).

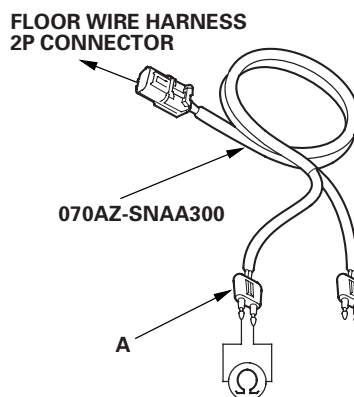
Is DTC 31-1x indicated?

YES—Go to step 9.

NO—Open in the driver's side airbag inflator; replace the driver's side airbag (see page 24-191), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.

13. Measure the resistance between the terminals of the black SRS simulator lead (A). There should be less than 1.0 Ω .



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 page 24-203). ■

NO—Open in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 31-3x ("x" can be 0 thru 9 or A thru F): Short to Another Wire or Decreased Resistance in the Driver's Side Airbag Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300
- SRS short canceller 070AZ-SAA0100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

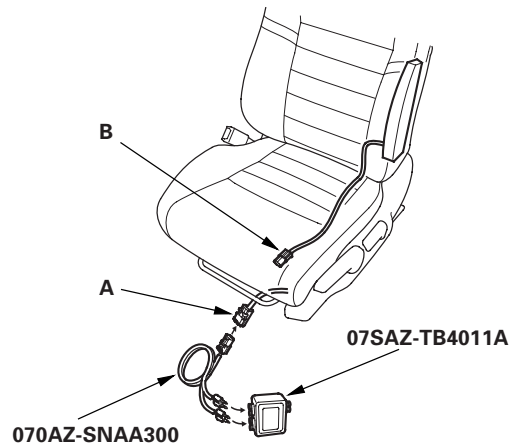
1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

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 (see page 24-24). If another DTC is indicated, troubleshooting the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the driver's side airbag (B).



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.



8. Read the DTC (see page 24-22).

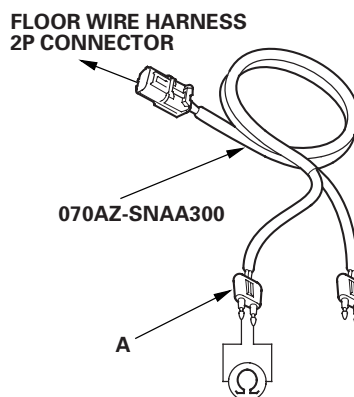
Is DTC 31-3x indicated?

YES—Go to step 9.

NO—Short to another wire in the driver's side airbag inflator; replace the driver's side airbag (see page 24-191), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
13. Connect the SRS short cancellers (070AZ-SAA0100) to SRS unit connector B (28P) terminals No. 17 and No. 18 (see page 24-18).

14. Measure the resistance between the terminals of the black SRS simulator lead (A). There should be an open circuit or at least 1 M Ω .



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 page 24-203). ■

NO—Short in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 31-8x ("x" can be 0 thru 9 or A thru F): Short to Power in the Driver's Side Airbag Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

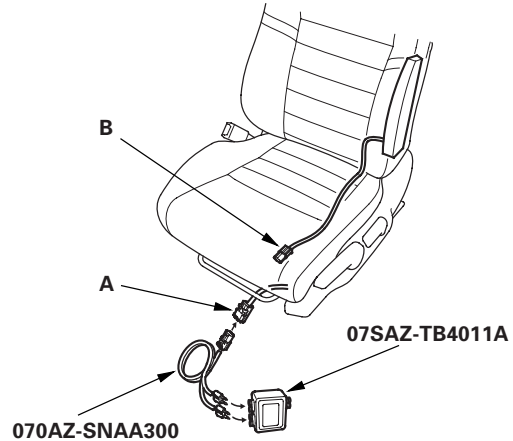
Does the SRS indicator stay on, and is DTC 31-8x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

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



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see page 24-22).

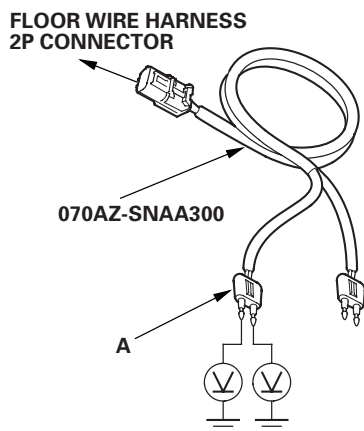
Is DTC 31-8x indicated?

YES—Go to step 9.

NO—Short to power in the driver's side airbag inflator; replace the driver's side airbag (see page 24-191), then clear the DTC. ■



9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
13. Reconnect the negative cable to the battery.
14. Turn the ignition switch to ON (II).
15. Measure the voltage between each terminal of the black SRS simulator lead (A) and body ground. There should be less than 0.2 V.



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 page 24-203). ■

NO—Short to power in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC 31-9x (“x” can be 0 thru 9 or A thru F): Short to Ground in the Driver’s Side Airbag Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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.

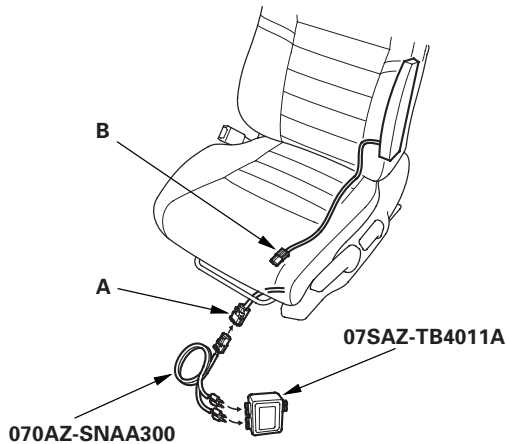
NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshooting the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

(cont’d)

DTC Troubleshooting (cont'd)

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



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see page 24-22).

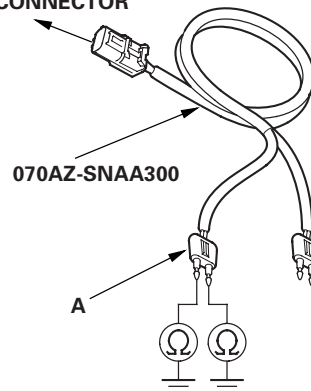
Is DTC 31-9x indicated?

YES—Go to step 9.

NO—Short to ground in the driver's side airbag inflator; replace the driver's side airbag (see page 24-191), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
13. Measure the resistance between each terminal of the black SRS simulator lead (A) and body ground. There should be an open circuit or at least 1 M Ω .

FLOOR WIRE HARNESS 2P CONNECTOR



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 page 24-203). ■

NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■



**DTC 32-1x ("x" can be 0 thru 9 or A thru F):
Open in the Front Passenger's Side Airbag
Inflator**

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

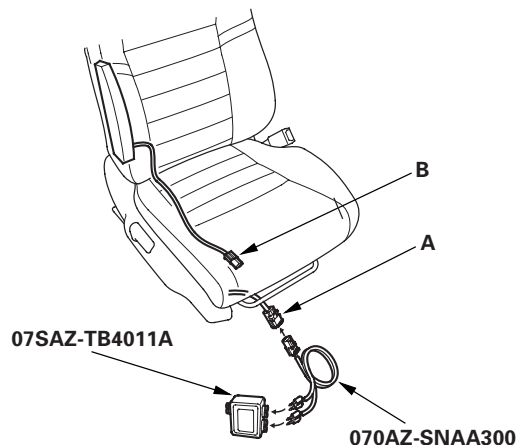
Does the SRS indicator stay on, and is DTC 32-1x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

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



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see page 24-22).

Is DTC 32-1x indicated?

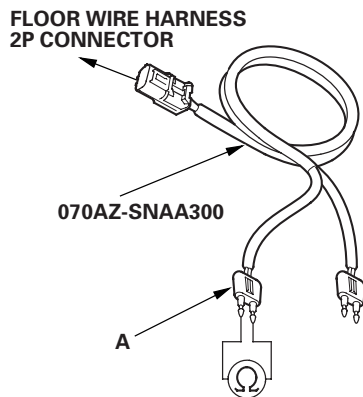
YES—Go to step 9.

NO—Open in the front passenger's side airbag inflator; replace the front passenger's side airbag (see page 24-189), then clear the DTC. ■

(cont'd)

DTC Troubleshooting (cont'd)

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
13. Measure the resistance between the terminals of the black SRS simulator lead (A). There should be less than 1.0 Ω .



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 page 24-203). ■

NO—Open in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC 32-3x ("x" can be 0 thru 9 or A thru F): Short to Another Wire or Decreased Resistance in the Front Passenger's Side Airbag Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300
- SRS short canceller 070AZ-SAA0100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 32-3x indicated?

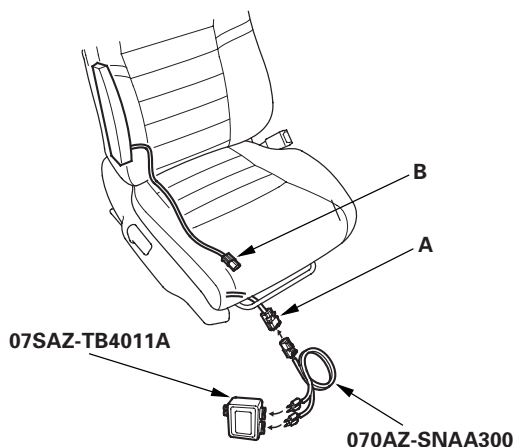
YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.



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



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see page 24-22).

Is DTC 32-3x indicated?

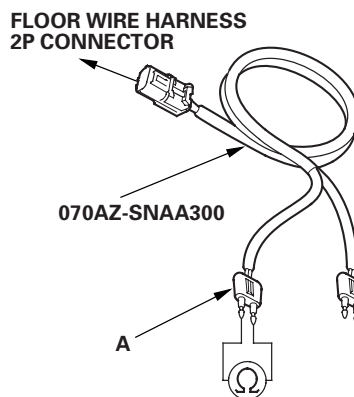
YES—Go to step 9.

NO—Short to another wire in the front passenger's side airbag inflator; replace the front passenger's side airbag (see page 24-189), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.

13. Connect the SRS short cancellers (070AZ-SAA0100) to SRS unit connector B (28P) terminals No. 19 and No. 20 (see page 24-18).

14. Measure the resistance between the terminals of the black SRS simulator lead (A). There should be an open circuit or at least 1 M Ω .



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 page 24-203). ■

NO—Short in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 32-8x ("x" can be 0 thru 9 or A thru F): Short to Power in the Front Passenger's Side Airbag Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

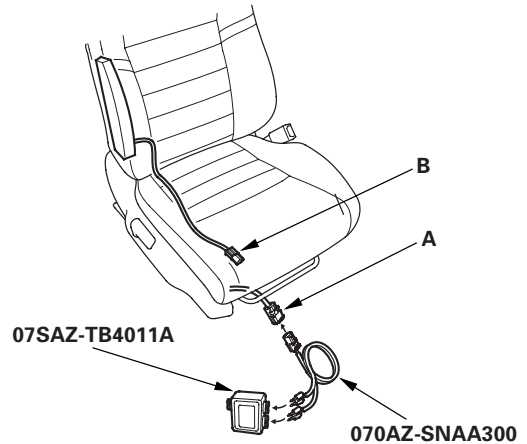
Does the SRS indicator stay on, and is DTC 32-8x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

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



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.



8. Read the DTC (see page 24-22).

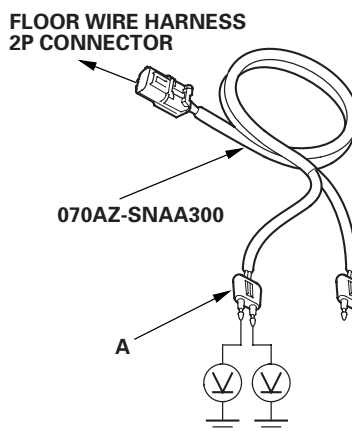
Is DTC 32-8x indicated?

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 page 24-189), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
13. Reconnect the negative cable to the battery.
14. Turn the ignition switch to ON (II).

15. Measure the voltage between each terminal of the black SRS simulator lead (A) and body ground. There should be less than 0.2 V.



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 page 24-203). ■

NO—Short to power in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 32-9x ("x" can be 0 thru 9 or A thru F): Short to Ground in the Front Passenger's Side Airbag Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

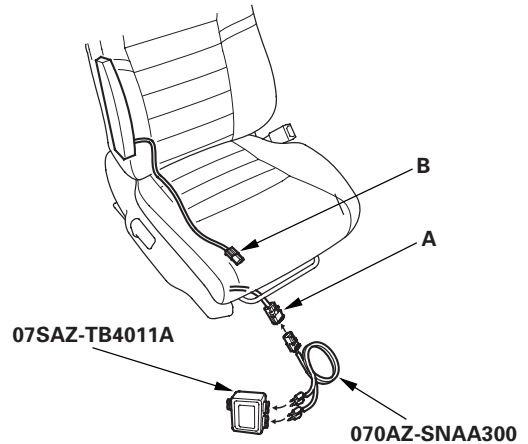
Does the SRS indicator stay on, and is DTC 32-9x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

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



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.



8. Read the DTC (see page 24-22).

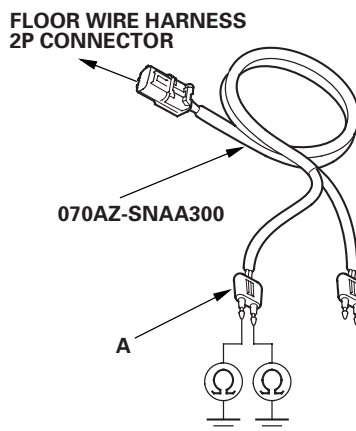
Is DTC 32-9x indicated?

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 page 24-189), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.

13. Measure the resistance between each terminal of the black SRS simulator lead (A) and body ground. There should be an open circuit or at least 1 M Ω .



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 page 24-203). ■

NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 33-1x ("x" can be 0 thru 9 or A thru F): Open in the Left Side Curtain Airbag Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

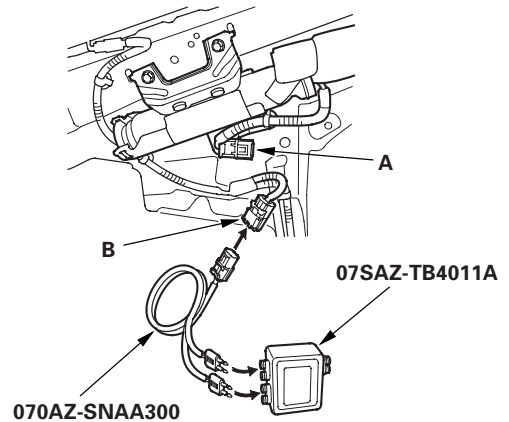
Does the SRS indicator stay on, and is DTC 33-1x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Remove the headliner (see page 20-84), then disconnect the left side curtain airbag 2P connector (A) from the floor wire harness (B).



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see page 24-22).

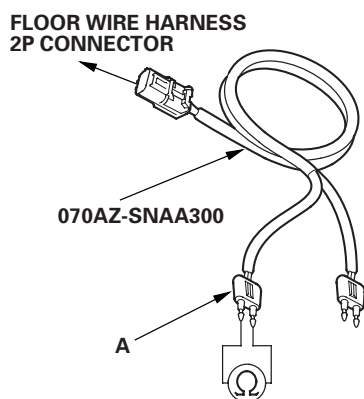
Is DTC 33-1x indicated?

YES—Go to step 9.

NO—Open in the left side curtain airbag; replace the left side curtain airbag (see page 24-192), then clear the DTC. ■



9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
13. Measure the resistance between the terminals of the black SRS simulator lead (A). There should be less than 1.0 Ω .



Is the resistance as specified?

YES—Faulty SRS unit or poor connection at the SRS unit connector B (28P) and the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see page 24-203). ■

NO—Open in the harness; replace the floor wire harness, then clear the DTC. ■

DTC 33-3x ("x" can be 0 thru 9 or A thru F): Short to Another Wire or Decreased Resistance in the Left Side Curtain Airbag Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300
- SRS short canceller 070AZ-SAA0100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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?

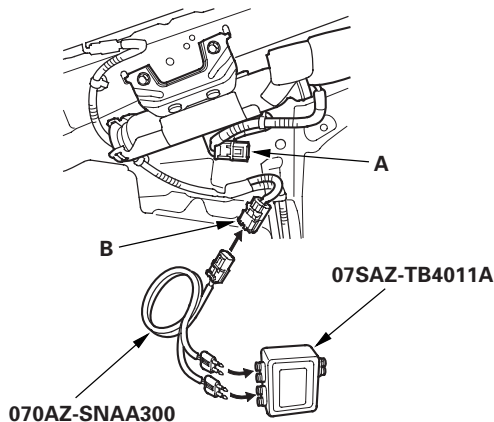
YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

(cont'd)

DTC Troubleshooting (cont'd)

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Remove the headliner (see page 20-84), then disconnect the left side curtain airbag 2P connector (A) from the floor wire harness (B).



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see page 24-22).

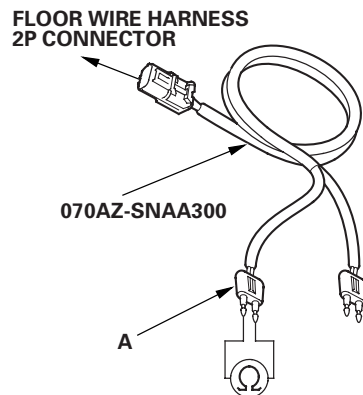
Is DTC 33-3x indicated?

YES—Go to step 9.

NO—Short to another wire in the left side curtain airbag inflator; replace the left side curtain airbag (see page 24-192), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).

12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
13. Connect the SRS short cancellers (070AZ-SAA0100) to SRS unit connector B (28P) terminals No. 21 and No. 22 (see page 24-18).
14. Measure the resistance between the terminals of the black SRS simulator lead (A). There should be an open circuit or at least 1 M Ω .



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 page 24-203). ■

NO—Short to another wire in the floor wire harness; replace the floor wire harness, then clear the DTC. ■



DTC 33-8x ("x" can be 0 thru 9 or A thru F): Short to Power in the Left Side Curtain Airbag Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

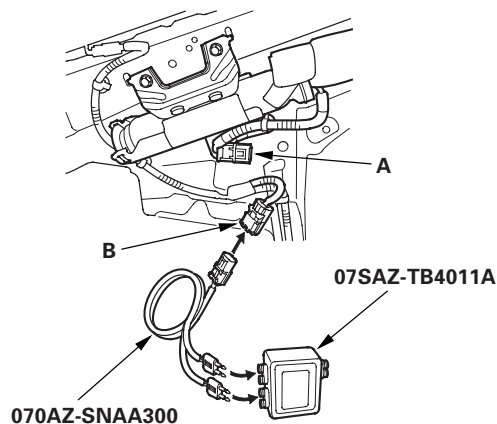
Does the SRS indicator stay on, and is DTC 33-8x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Remove the headliner (see page 20-84), then disconnect the left side curtain airbag 2P connector (A) from the floor wire harness (B).



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.

(cont'd)

DTC Troubleshooting (cont'd)

8. Read the DTC (see page 24-22).

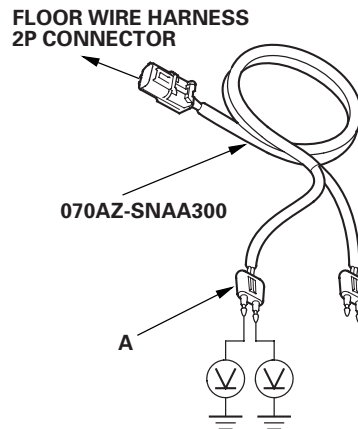
Is DTC 33-8x indicated?

YES—Go to step 9.

NO—Short to power in the left side curtain airbag inflator; replace the left side curtain airbag (see page 24-192), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect the SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Reconnect the battery negative cable.
13. Turn the ignition switch to ON (II).
14. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.

15. Measure the voltage between each terminal of the black SRS simulator lead (A) and body ground. There should be less than 0.2 V.



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 page 24-203). ■

NO—Short to power in the floor wire harness; replace the floor wire harness, then clear the DTC. ■



**DTC 33-9x ("x" can be 0 thru 9 or A thru F):
Short to Ground in the Left Side Curtain
Airbag Inflator**

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

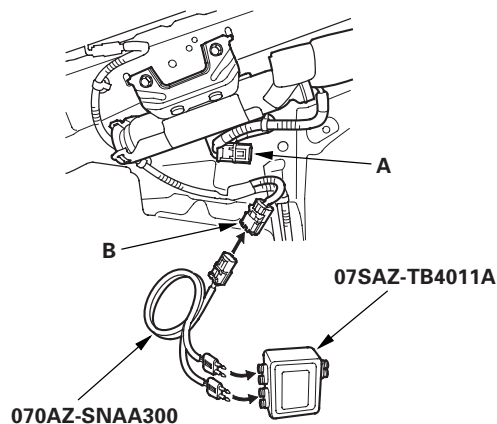
Does the SRS indicator stay on, and is DTC 33-9x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Remove the headliner (see page 20-84), then disconnect the left side curtain airbag 2P connector (A) from the floor wire harness (B).



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.

(cont'd)

DTC Troubleshooting (cont'd)

8. Read the DTC (see page 24-22).

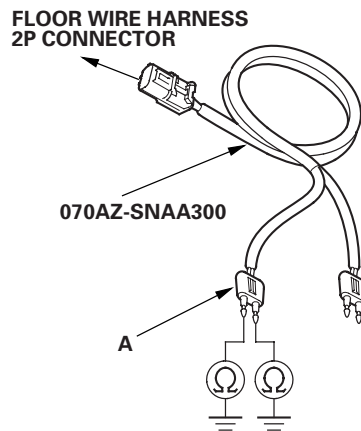
Is DTC 33-9x indicated?

YES—Go to step 9.

NO—Short to ground in the left side curtain airbag inflator; replace the left side curtain airbag (see page 24-192), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.

13. Measure the resistance between each terminal of the black SRS simulator lead (A) and body ground. There should be an open circuit or at least 1 M Ω .



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 page 24-203). ■

NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■



DTC 34-1x ("x" can be 0 thru 9 or A thru F): Open in the Right Side Curtain Airbag Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

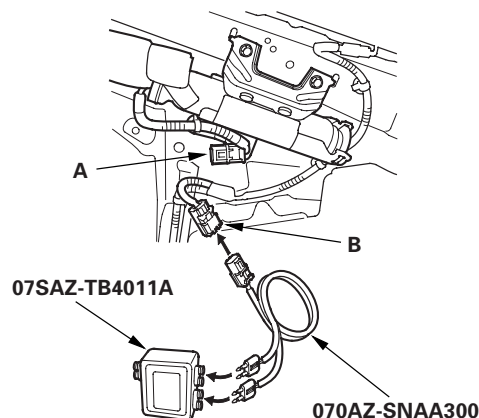
Does the SRS indicator stay on, and is DTC 34-1x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Remove the headliner (see page 20-84), then disconnect the right side curtain airbag 2P connector (A) from the floor wire harness (B).



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.

(cont'd)

DTC Troubleshooting (cont'd)

8. Read the DTC (see page 24-22).

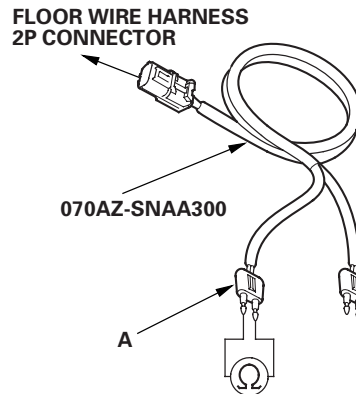
Is DTC 34-1x indicated?

YES—Go to step 9.

NO—Open in the right side curtain airbag inflator, replace the right side curtain airbag (see page 24-192), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.

13. Measure the resistance between the terminals of the black SRS simulator lead (A). There should be less than 1.0 Ω .



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 page 24-203). ■

NO—Open in the floor wire harness; replace the floor wire harness, then clear the DTC. ■



**DTC 34-3x ("x" can be 0 thru 9 or A thru F):
Short to Another Wire or Decreased
Resistance in the Right Side Curtain Airbag
Inflator**

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300
- SRS short canceller 070AZ-SAA0100

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

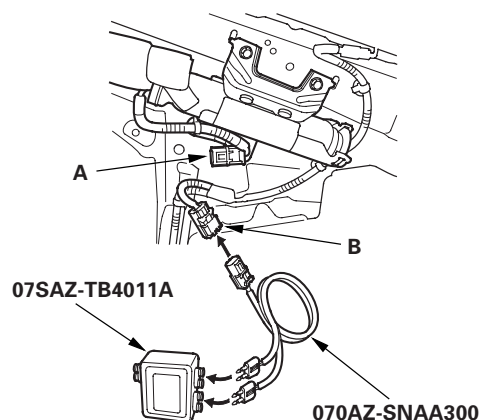
Does the SRS indicator stay on, and is DTC 34-3x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Remove the headliner (see page 20-84), then disconnect the right side curtain airbag 2P connector (A) from the floor wire harness (B).



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.

(cont'd)

DTC Troubleshooting (cont'd)

8. Read the DTC (see page 24-22).

Is DTC 34-3x indicated?

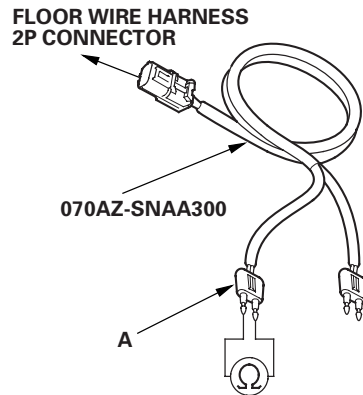
YES—Go to step 9.

NO—Short to another wire in the right side curtain airbag inflator; replace the right side curtain airbag (see page 24-192), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.

13. Connect the SRS short cancellers (070AZ-SAA0100) to SRS unit connector B (28P) terminals No. 23 and No. 24 (see page 24-18).

14. Measure the resistance between the terminals of the black SRS simulator lead (A). There should be an open circuit or at least 1 M Ω .



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 page 24-203). ■

NO—Short in the floor wire harness; replace the floor wire harness, then clear the DTC. ■



DTC 34-8x ("x" can be 0 thru 9 or A thru F): Short to Power in the Right Side Curtain Airbag Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

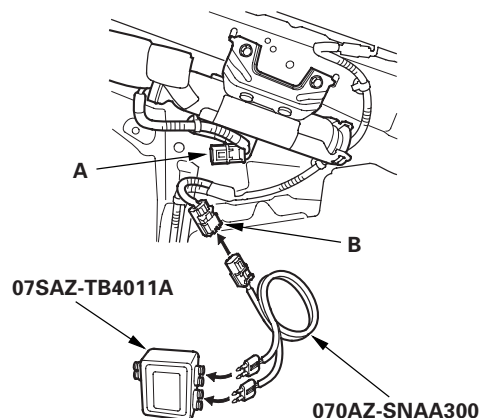
Does the SRS indicator stay on, and is DTC 34-8x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

4. Remove the headliner (see page 20-84), then disconnect the right side curtain airbag 2P connector (A) from the floor wire harness (B).



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead L to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see page 24-22).

Is DTC 34-8x indicated?

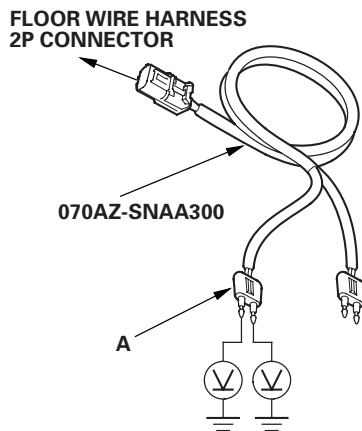
YES—Go to step 9.

NO—Short to power in the right side curtain airbag inflator; replace the right side curtain airbag inflator (see page 24-192), then clear the DTC. ■

(cont'd)

DTC Troubleshooting (cont'd)

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
13. Reconnect the negative cable to the battery.
14. Turn the ignition switch to ON (II).
15. Measure the voltage between each terminal of the black SRS simulator lead (A) and body ground. There should be less than 0.2 V.



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 page 24-203). ■

NO—Short to power in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC 34-9x ("x" can be 0 thru 9 or A thru F): Short to Ground in the Right Side Curtain Airbag Inflator

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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?

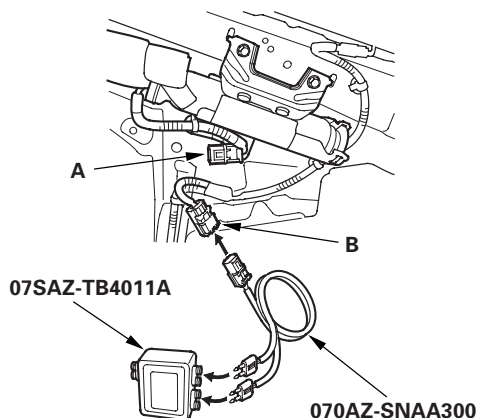
YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.



4. Remove the headliner (see page 20-84), then disconnect the right side curtain airbag 2P connector (A) from the floor wire harness (B).



5. Connect the SRS inflator simulator (2 Ω connector) and simulator lead M to the floor wire harness.
6. Reconnect the negative cable to the battery.
7. Clear the DTC memory.
8. Read the DTC (see page 24-22).

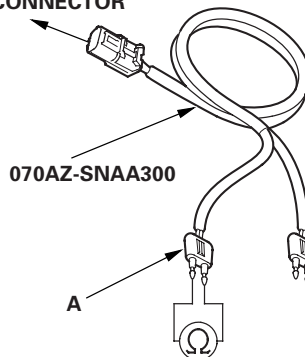
Is DTC 34-9x indicated?

YES—Go to step 9.

NO—Short to ground in the right side curtain airbag inflator; replace the right side curtain airbag (see page 24-192), then clear the DTC. ■

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
10. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
11. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
12. Disconnect the SRS inflator simulator from the SRS simulator lead. Do not disconnect the simulator lead from the floor wire harness 2P connector.
13. Measure the resistance between each terminal of the black SRS simulator lead (A) and body ground. There should be an open circuit or at least 1 M Ω .

**FLOOR WIRE HARNESS
2P CONNECTOR**



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 page 24-203). ■

NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

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 L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

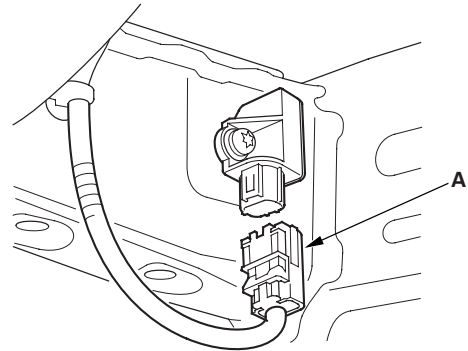
3. Turn the ignition switch to LOCK (0).
4. Disconnect the negative cable from the battery, then wait at least 3 minutes.
5. Check the connections between SRS unit connector A (28P) and the SRS unit, between the engine compartment wire harness 2P connector and the left front impact sensor (see page 24-11), and at connector C203 (see page 22-22).

Are the connections OK?

YES—Go to step 6.

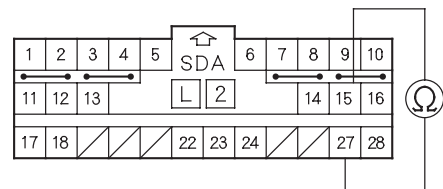
NO—Repair the poor connections, clear the DTC, and retest. If DTC 41-1x is still present, go to step 6.

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



7. Disconnect SRS unit connector A (28P) from the SRS unit (see step 9 on page 24-21).
8. Measure the resistance between SRS unit connector A (28P) terminals No. 15 and No. 27. There should be an open circuit or at least 1 MΩ.

SRS UNIT CONNECTOR A (28P)



Wire side of female terminals

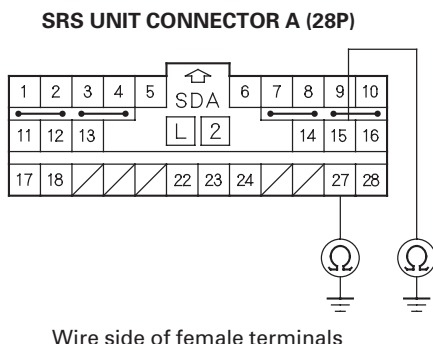
Is the resistance as specified?

YES—Go to step 9.

NO—Short in the engine compartment wire harness or dashboard wire harness; replace the faulty harness, then clear the DTC. ■



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



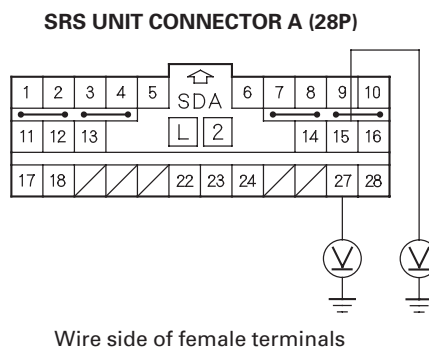
Is the resistance as specified?

YES—Go to step 10.

NO—Short to ground in the dashboard wire harness or the engine compartment wire harness; replace the faulty harness, then clear the DTC. ■

10. Reconnect the negative cable to the battery.
11. Turn the ignition switch to ON (II).

12. Measure the voltage between body ground and SRS unit connector A (28P) terminals No. 15 and No. 27, individually. There should be less than 0.2 V.

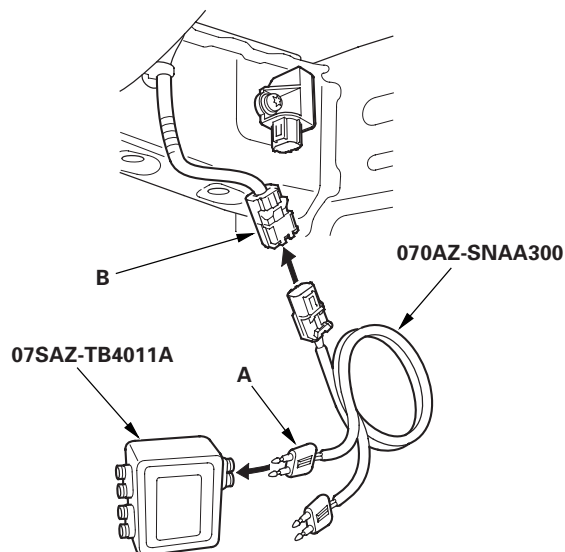


Is the voltage as specified?

YES—Go to step 13.

NO—Short to power in the engine compartment wire harness or the dashboard wire harness; replace the faulty harness, then clear the DTC. ■

13. Turn the ignition switch to LOCK (0).
14. Connect the SRS inflator simulator (jumper connector) and the black lead (A) of simulator lead L to the engine compartment wire harness 2P connector (B).

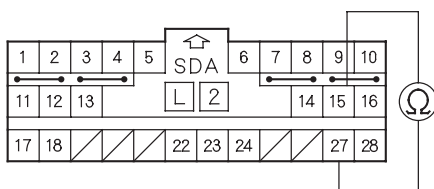


(cont'd)

DTC Troubleshooting (cont'd)

15. Measure the resistance between SRS unit connector A (28P) terminals No. 15 and No. 27. There should be less than 1.0 Ω .

SRS UNIT CONNECTOR A (28P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty left front impact sensor or SRS unit; replace the left front impact sensor (see page 24-210), then clear the DTC. If the problem is still present, replace the SRS unit (see page 24-203). ■

NO—Poor connection at C203, open in engine compartment wire harness, or open in dashboard wire harness. Inspect C203 (see page 22-22). If it is OK, replace the faulty harness, then clear the DTC. ■

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 L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 42-1x indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0).
4. Disconnect the negative cable from the battery, then wait at least 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 page 24-11), and at connector C203 (see page 22-22).

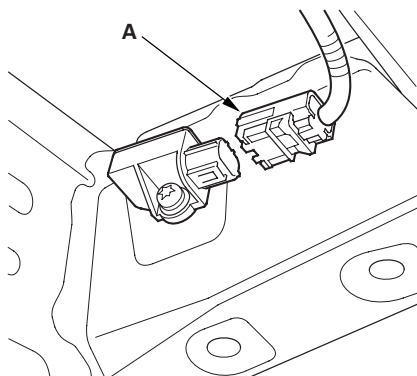
Are the connections OK?

YES—Go to step 6.

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

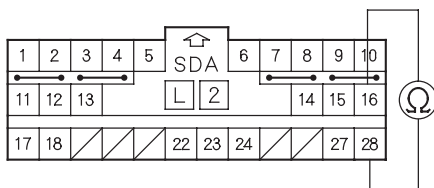


6. Disconnect the engine compartment wire harness 2P connector (A) from the right front impact sensor.



7. Disconnect SRS unit connector A (28P) from the SRS unit (see step 9 on page 24-21).
8. Measure the resistance between SRS unit connector A (28P) terminals No. 16 and No. 28. There should be an open circuit or at least 1 M Ω .

SRS UNIT CONNECTOR A (28P)



Wire side of female terminals

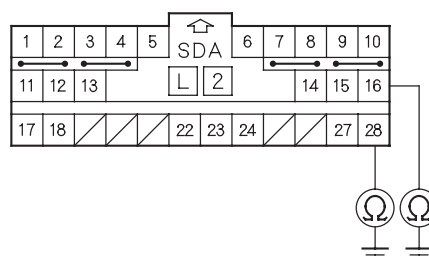
Is the resistance as specified?

YES—Go to step 9.

NO—Short in the engine compartment wire harness or dashboard wire harness; replace the faulty harness, then clear the DTC. ■

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

SRS UNIT CONNECTOR A (28P)



Wire side of female terminals

Is the resistance as specified?

YES—Go to step 10.

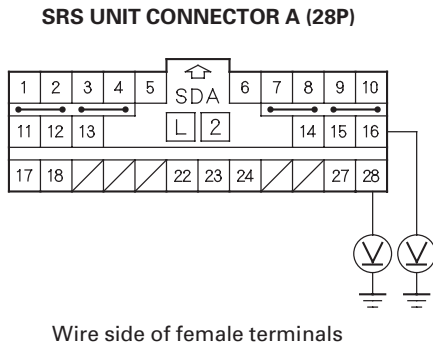
NO—Short to ground in the dashboard wire harness or the engine compartment wire harness; replace the faulty harness, then clear the DTC. ■

10. Reconnect the negative cable to the battery.
11. Turn the ignition switch to ON (II).

(cont'd)

DTC Troubleshooting (cont'd)

12. Measure the voltage between body ground and SRS unit connector A (28P) terminals No. 16 and No. 28, individually. There should be less than 0.2 V.

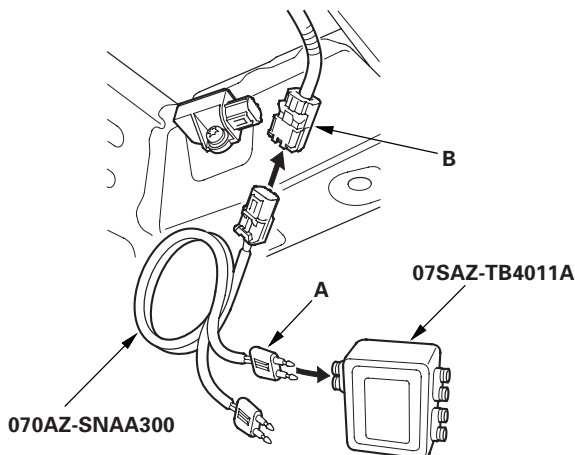


Is the voltage as specified?

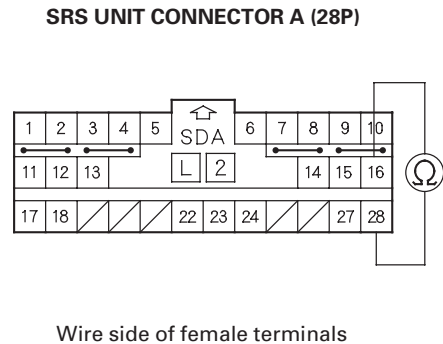
YES—Go to step 13.

NO—Short to power in the engine compartment wire harness or dashboard wire harness; replace the faulty harness, then clear the DTC. ■

13. Turn the ignition switch to LOCK (0).
14. Connect the SRS inflator simulator (jumper connector) and the black lead (A) of simulator lead L to the engine compartment wire harness 2P connector (B).



15. Measure the resistance between SRS unit connector A (28P) terminals No. 16 and No. 28. There should be less than 1.0 Ω .



Is the resistance as specified?

YES—Faulty right front impact sensor or SRS unit; replace the right front impact sensor (see page 24-210), then clear the DTC. If the problem is still present, replace the SRS unit (see page 24-203). ■

NO—Poor connection at C203, open in engine compartment wire harness, or open in dashboard wire harness. Inspect C203 (see page 22-22). If it is OK, replace the faulty harness, then clear the DTC. ■



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 page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 page 24-210), then clear the DTC. If the DTC returns, replace the SRS unit (see page 24-203). ■

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). 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 page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 page 24-210), then clear the DTC. If the DTC returns, replace the SRS unit (see page 24-203). ■

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

DTC Troubleshooting (cont'd)

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 L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and wait for 10 seconds.
3. Read the DTC (see page 24-22).

Is DTC 43-11 indicated?

YES—Go to step 6.

NO—Go to step 4.

4. Read the DTC.

Is DTC 43-12 indicated?

YES—Go to step 5.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If DTC 43-1x except (DTC 43-11 and 43-12) is indicated, faulty left side impact sensor (first); replace the left side impact sensor (first) (see page 24-204), then clear the DTC. ■

5. Read the DTC.

Is DTC B2-11 also indicated?

YES—Troubleshoot DTC B2-1x (see page 24-174). ■

NO—Faulty left side impact sensor (first); replace the left side impact sensor (first) (see page 24-204), then clear the DTC. ■

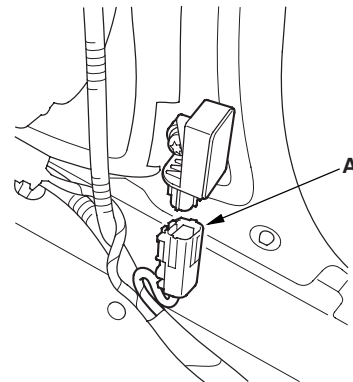
6. Read the DTC.

Is DTC 45-11 also indicated?

YES—Faulty left side impact sensor (first); replace the left side impact sensor (first) (see page 24-204), then clear the DTC. ■

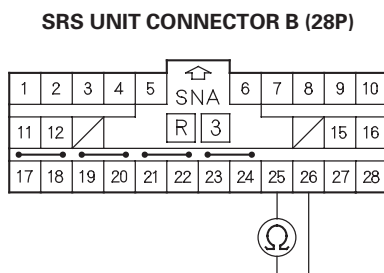
NO—Go to step 7.

7. Turn the ignition switch to LOCK (0).
8. Disconnect the negative cable from the battery, then wait at least 3 minutes.
9. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
10. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
11. Disconnect the floor wire harness 4P connector (A) from the left side impact sensor (first).





12. Measure the resistance between SRS unit connector B (28P) terminals No. 25 and No. 26. There should be an open circuit or at least 1 M Ω .



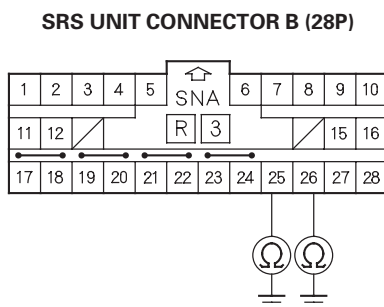
Wire side of female terminals

Is the resistance as specified?

YES—Go to step 13.

NO—Short in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

13. Measure the resistance between body ground and SRS unit connector B (28P) terminals No. 25 and No. 26, individually. There should be an open circuit or at least 1 M Ω .



Wire side of female terminals

Is the resistance as specified?

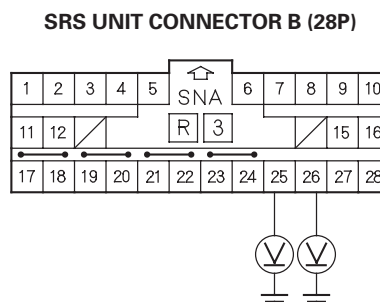
YES—Go to step 14.

NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

14. Reconnect the negative cable to the battery.

15. Turn the ignition switch to ON (II).

16. Measure the voltage between body ground and SRS unit connector B (28P) terminals No. 25 and No. 26, individually. There should be less than 0.2 V.



Wire side of female terminals

Is the voltage as specified?

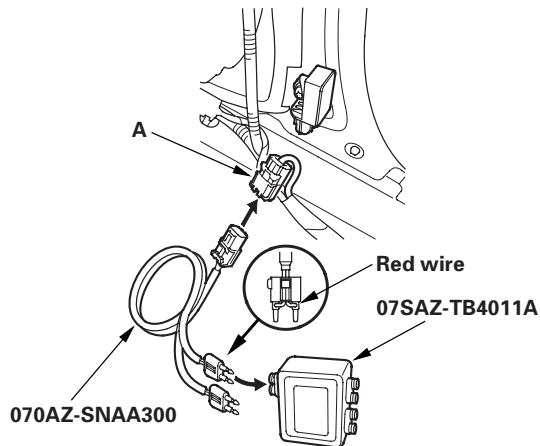
YES—Go to step 17.

NO—Short to power in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

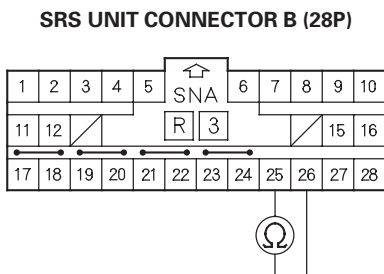
(cont'd)

DTC Troubleshooting (cont'd)

17. Turn the ignition switch to LOCK (0).
18. Connect the SRS inflator simulator (jumper connector) and the red lead of simulator lead L to the floor wire harness 4P connector (A).



19. Measure the resistance between SRS unit connector B (28P) terminals No. 25 and No. 26. There should be less than 1.0 Ω .



Wire side of female terminals

Is the resistance as specified?

YES—Faulty left side impact sensor (first) or SRS unit; replace the left side impact sensor (first) (see page 24-204), then clear the DTC. If the problem is still present, replace the SRS unit (see page 24-203). ■

NO—Open in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

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 L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and wait for 10 seconds.
3. Read the DTC (see page 24-22).

Is DTC 44-11 indicated?

YES—Go to step 5.

NO—Go to step 4.

4. Read the DTC.

Is DTC 44-12 indicated?

YES—Faulty right side impact sensor (first); replace the right side impact sensor (first) (see page 24-204), then clear the DTC. ■

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If DTC 44-1x except DTC 44-11 and 44-12 is indicated, faulty right side impact sensor (first). Replace the right side impact sensor (first) (see page 24-204), then clear the DTC. ■

5. Read the DTC.

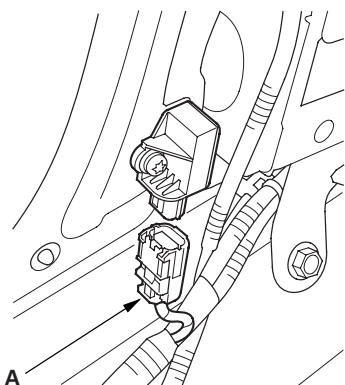
Is DTC 45-11 also indicated?

YES—Faulty right side impact sensor (first); replace the right side impact sensor (first) (see page 24-204), then clear the DTC. ■

NO—Go to step 6.

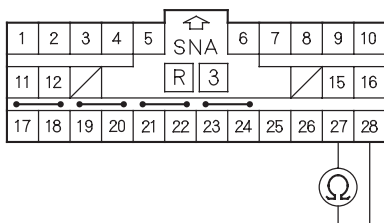


6. Turn the ignition switch to LOCK (0).
7. Disconnect the negative cable from the battery, then wait at least 3 minutes.
8. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
9. Disconnect the floor wire harness 4P connector (A) from the right side impact sensor (first).



10. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
11. Measure the resistance between SRS unit connector B (28P) terminals No. 27 and No. 28. There should be an open circuit or at least 1 M Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

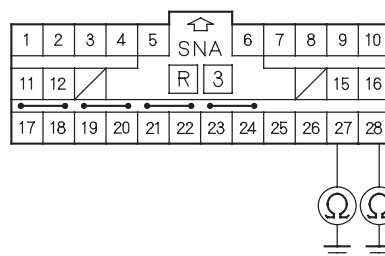
Is the resistance as specified?

YES—Go to step 12.

NO—Short in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

12. Measure the resistance between body ground and SRS unit connector B (28P) terminals No. 27 and No. 28, individually. There should be an open circuit or at least 1 M Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

Is the resistance as specified?

YES—Go to step 13.

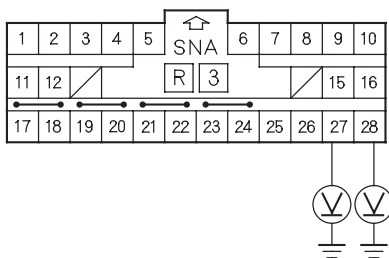
NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

(cont'd)

DTC Troubleshooting (cont'd)

13. Reconnect the negative cable to the battery.
14. Turn the ignition switch to ON (II).
15. Measure the voltage between body ground and SRS unit connector B (28P) terminals No. 27 and No. 28, individually. There should be less than 0.2 V.

SRS UNIT CONNECTOR B (28P)



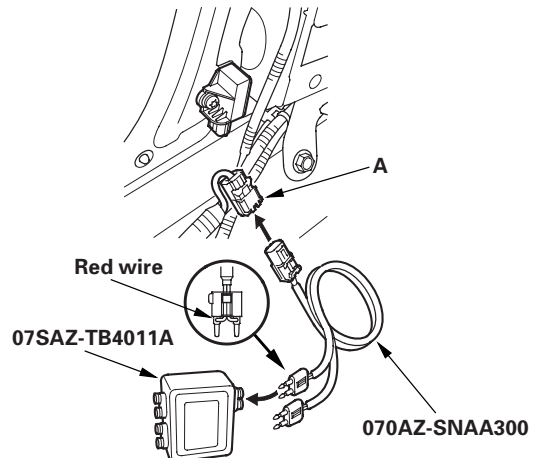
Wire side of female terminals

Is the voltage as specified?

YES—Go to step 16.

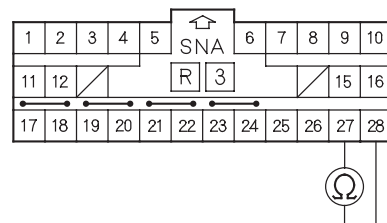
NO—Short to power in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

16. Turn the ignition switch to LOCK (0).
17. Connect the SRS inflator simulator (jumper connector) and the red lead of simulator lead L to the floor wire harness 4P connector (A).



18. Measure the resistance between SRS unit connector B (28P) terminals No. 27 and No. 28. There should be less than 1.0 Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty right side impact sensor (first) or SRS unit; replace the right side impact sensor (first) (see page 24-204), then clear the DTC. If the problem is still present, replace the SRS unit (see page 24-203). ■

NO—Open in the floor wire harness; replace the floor wire harness, then clear the DTC. ■



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 page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 page 24-204), then clear the DTC. If the DTC returns, replace the SRS unit (see page 24-203). ■

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). 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 page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 page 24-204), then clear the DTC. If the DTC returns, replace the SRS unit (see page 24-203). ■

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

DTC Troubleshooting (cont'd)

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 L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and wait for 10 seconds.
3. Read the DTC (see page 24-22).

Is DTC 45-11 indicated?

YES—Go to step 4.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

4. Read the DTC.

Is DTC 43-11 also indicated?

YES—Faulty left side impact sensor (second); replace the left side impact sensor (second) (see page 24-205), then clear the DTC. ■

NO—Go to step 5.

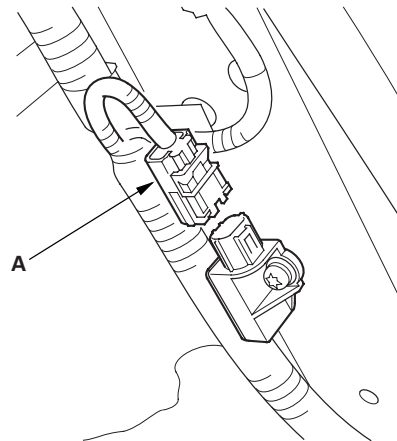
5. Read the DTC.

Is DTC B2-11 also indicated?

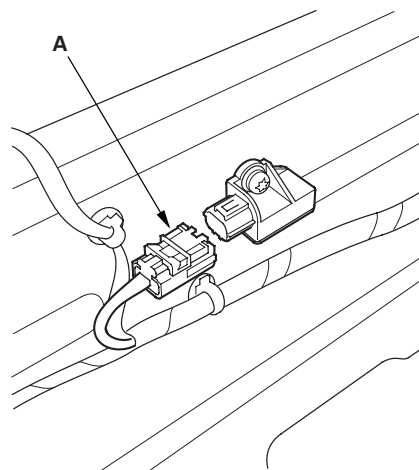
YES—Faulty rear safing sensor; Replace the rear safing sensor (see page 24-206), then clear the DTC. ■

NO—Go to step 6.

6. Turn the ignition switch to LOCK (0).
7. Disconnect the negative cable from the battery, then wait at least 3 minutes.
8. Disconnect floor wire harness 2P connector (A) from the left side impact sensor (second).



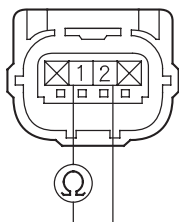
9. Disconnect the floor wire harness 4P connector (A) from the rear safing sensor.





10. Measure the resistance between left side impact sensor (second) 2P connector terminals No. 1 and No. 2. There should be an open circuit or at least 1 M Ω .

**LEFT SIDE IMPACT SENSOR
(SECOND) 2P CONNECTOR**



Terminal side of female terminals

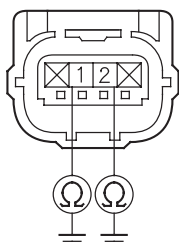
Is the resistance as specified?

YES—Go to step 11.

NO—Short in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

11. Measure the resistance between body ground and left side impact sensor (second) 2P connector terminals No. 1 and No. 2, individually. There should be an open circuit or at least 1 M Ω .

**LEFT SIDE IMPACT SENSOR
(SECOND) 2P CONNECTOR**



Terminal side of female terminals

Is the resistance as specified?

YES—Go to step 12.

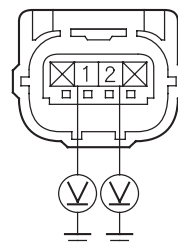
NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

12. Reconnect the negative cable to the battery.

13. Turn the ignition switch to ON (II).

14. Measure the voltage between body ground and left side impact sensor (second) 2P connector terminals No. 1 and No. 2, individually. There should be less than 0.2 V.

**LEFT SIDE IMPACT SENSOR
(SECOND) 2P CONNECTOR**



Terminal side of female terminals

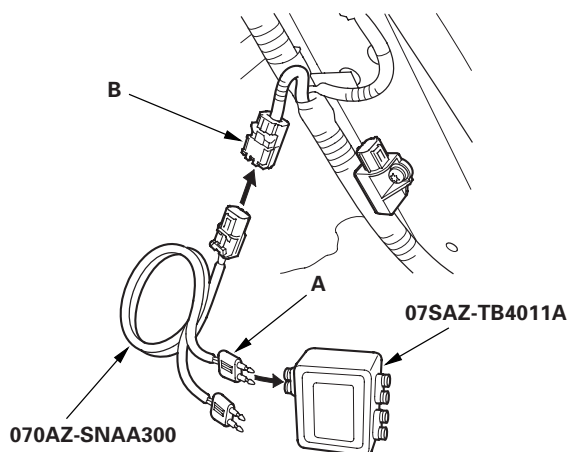
Is the voltage as specified?

YES—Go to step 15.

NO—Short to power in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

15. Turn the ignition switch to LOCK (0).

16. Connect the SRS inflator simulator (jumper connector) and the red lead (A) of simulator lead L to the floor wire harness 4P connector (B).

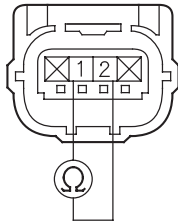


(cont'd)

DTC Troubleshooting (cont'd)

17. Measure the resistance between left side impact sensor (second) 2P connector terminals No. 1 and No. 2. There should be less than 1.0 Ω .

**LEFT SIDE IMPACT SENSOR
(SECOND) 2P CONNECTOR**



Terminal side of female terminals

Is the resistance as specified?

YES—Faulty left side impact sensor (second) or poor connection at left side impact sensor (second) 2P connector. Check the connection; If the connection is OK, replace the left side impact sensor (second) (see page 24-205), then clear the DTC. ■

NO—Open in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

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 L 070AZ-SNAA300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and wait for 10 seconds.

3. Read the DTC (see page 24-22).

Is DTC 46-11 indicated?

YES—Go to step 5.

NO—Go to step 4.

4. Read the DTC.

Is DTC 46-12 also indicated?

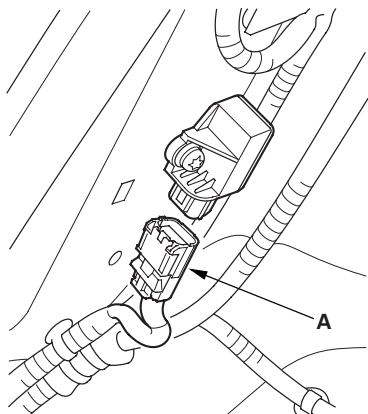
YES—Faulty right side impact sensor (second); replace the right side impact sensor (second) (see page 24-205), then clear the DTC. ■

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

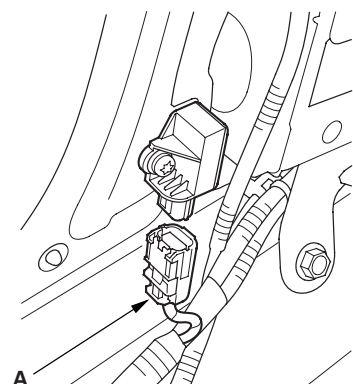
5. Turn the ignition switch to LOCK (0).
6. Disconnect the negative cable from the battery, then wait at least 3 minutes.



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

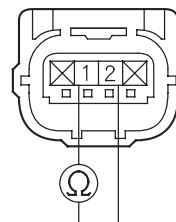


8. Disconnect the floor wire harness 4P connector (A) from the right side impact sensor (first).



9. Measure the resistance between right side impact sensor (second) 2P connector terminals No. 1 and No. 2. There should be an open circuit or at least 1 M Ω .

**RIGHT SIDE IMPACT SENSOR
(SECOND) 2P CONNECTOR**



Terminal side of female terminals

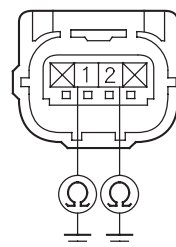
Is the resistance as specified?

YES—Go to step 10.

NO—Short in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

10. Measure the resistance between body ground and right side impact sensor (second) 2P connector terminals No. 1 and No. 2, individually. There should be an open circuit or at least 1 M Ω .

**RIGHT SIDE IMPACT SENSOR
(SECOND) 2P CONNECTOR**



Terminal side of female terminals

Is the resistance as specified?

YES—Go to step 11.

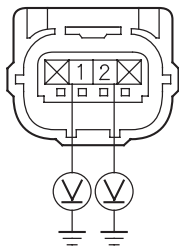
NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

(cont'd)

DTC Troubleshooting (cont'd)

11. Reconnect the negative cable to the battery.
12. Turn the ignition switch to ON (II).
13. Measure the voltage between body ground and right side impact sensor (second) 2P connector terminals No. 1 and No. 2, individually. There should be less than 0.2 V.

**RIGHT SIDE IMPACT SENSOR
(SECOND) 2P CONNECTOR**



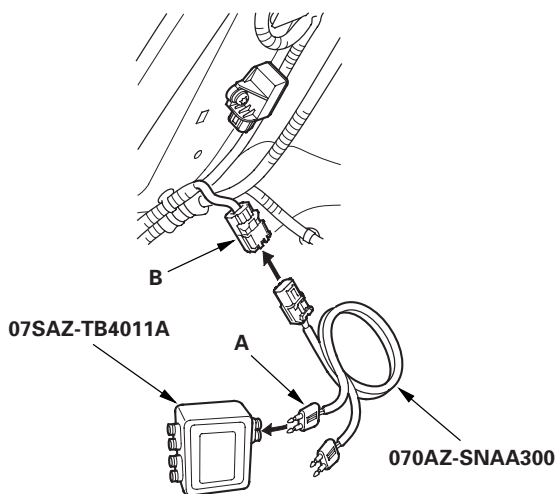
Terminal side of female terminals

Is the voltage as specified?

YES—Go to step 14.

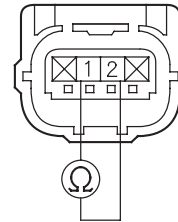
NO—Short to power in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

14. Turn the ignition switch to LOCK (0).
15. Connect the SRS inflator simulator (jumper connector) and the red lead (A) of simulator lead L to the floor wire harness 4P connector (B).



16. Measure the resistance between right side impact sensor (second) 2P connector terminals No. 1 and No. 2. There should be less than 1 Ω .

**RIGHT SIDE IMPACT SENSOR
(SECOND) 2P CONNECTOR**



Terminal side of female terminals

Is the resistance as specified?

YES—Faulty right side impact sensor (second) or poor connection at right side impact sensor (second) 2P connector. Check the connection; if the connection is OK, replace the right side impact sensor (second) (see page 24-205), then clear the DTC. ■

NO—Short in the floor wire harness; replace the floor wire harness, then clear the DTC. ■



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 page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 page 24-205), then clear the DTC. If the DTC returns, replace the SRS unit (see page 24-203). ■

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). 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 page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 page 24-205), then clear the DTC. If the DTC returns, replace the SRS unit (see page 24-203). ■

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

DTC Troubleshooting (cont'd)

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 doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).
- 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 client if the battery ever went dead or if the engine was started and run with the battery in a low state of charged. A dead battery may trigger one or more of these DTCs.

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 page 24-203). ■

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

DTC Ex-11 ("x" can be 0 thru 9 or A thru F): Control Operation Recorded

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), then wait for 10 seconds.
3. Read the DTC (see page 24-22).

Is DTC Ex-11 indicated?

YES—Faulty SRS unit; replace the SRS unit (see page 24-203). ■

NO—Intermittent failure, the system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■



DTC Fx-11 ("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 page 24-13) and General Troubleshooting Information (see page 24-22).
- Refer to the DTCs shown:
 - 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 side airbag, right side curtain airbag, and/or front seat belt tensioner deployed.

When any airbags or tensioners have deployed, go to Component Replacement/Inspection After Deployment (see page 24-185). ■

DTC 61-1x ("x" can be 0 thru 9 or A thru F): Open in the Driver's Seat Belt Buckle Switch

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

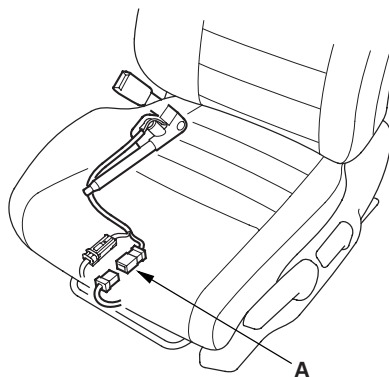
1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), then buckle and unbuckle the driver's seat belt several times.
3. Read the DTC (see page 24-22).

Is DTC 61-1x indicated?

YES—Go to step 4.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

4. Disconnect the floor wire harness 3P connector from the driver's seat belt buckle switch 3P connector (A).



(cont'd)

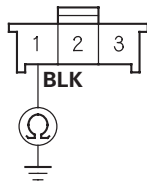
DTC Troubleshooting (cont'd)

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 floor wire harness 3P connector terminal No. 1 and body ground. There should be less than 1.0 Ω .

FLOOR WIRE HARNESS 3P CONNECTOR



Wire side of female terminals

Is the resistance as specified?

YES—Go to step 7.

NO—Open in the floor wire harness or poor ground connection at G602 (see page 22-38). If G602 is OK, replace the floor wire harness, then clear the DTC. ■

7. Alternately connect the No. 2 and No. 3 terminals of the floor wire harness 3P connector to body ground with a jumper wire, and check the status on the HDS screen.

Does the status alternate from UNBUCKLE to BUCKLE?

YES—Replace the driver's seat belt buckle assembly (see page 24-6), then clear the DTC. ■

NO—Open in the floor wire harness; replace the floor wire harness, then clear the DTC. ■



DTC 61-2x ("x" can be 0 thru 9 or A thru F): Short in the Driver's Seat Belt Buckle Switch

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

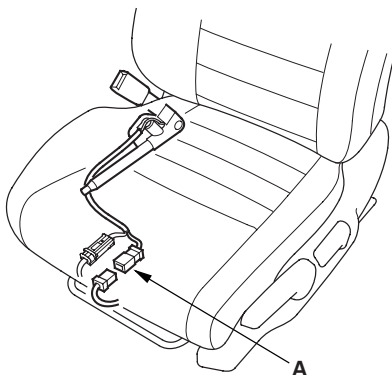
1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), then buckle and unbuckle the driver's seat belt several times.
3. Read the DTC (see page 24-22).

Is DTC 61-2x indicated?

YES—Go to step 4.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

4. Turn the ignition switch to LOCK (0).
5. Disconnect the floor wire harness 3P connector from the driver's seat belt buckle switch 3P connector (A).



6. Turn the ignition switch to 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 page 24-6), then clear the DTC. ■

NO—Short go ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 62-1x ("x" can be 0 thru 9 or A thru F): Open in the Front Passenger's Seat Belt Buckle Switch

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

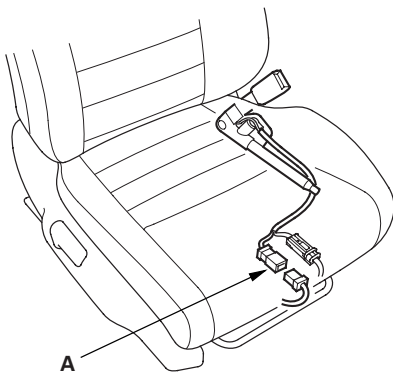
1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), then buckle and unbuckle the driver's seat belt several times.
3. Read the DTC (see page 24-22).

Is DTC 62-1x indicated?

YES—Go to step 4.

NO—Intermittent failure, the system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

4. Disconnect the floor wire harness 3P connector from the front passenger's seat belt buckle switch 3P connector (A).

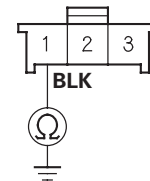


5. From the system selection menu on the HDS, select SRS, then select SRS again, then select PARAMETER INFORMATION, then Buckle Switch. Seat Position Sensor, and check the status on the HDS screen for FRONT RIGHT SEAT BELT BUCKLE SWITCH when the seat belt is buckled, and unbuckled.

- If UNBUCKLE, BUCKLE, or SHORT is indicated open in the front passenger's seat subharness, or floor wire harness; replace the faulty harness.
- If OPEN is indicated, go to step 6

6. Measure the resistance between floor wire harness 3P connector terminal No. 1 and body ground. There should be less than 1.0 Ω .

FLOOR WIRE HARNESS 3P CONNECTOR



Wire side of female terminals

Is the resistance as specified?

YES—go to step 7.

NO—Open in the floor wire harness or poor ground connection at G602 (see page 22-38). If G602 is OK, replace the floor wire harness, then clear the DTC. ■

7. Alternately connect the No. 2 and No. 3 terminals of the floor wire harness 3P connector to body ground with a jumper wire, and check the status on the HDS screen.

Does the status alternate from UNBUCKLE to BUCKLE?

YES—Replace the front passenger's seat belt buckle assembly (see page 24-6), then clear the DTC. ■

NO—Open in the floor wire harness; replace the floor wire harness, then clear the DTC. ■



**DTC 62-2x ("x" can be 0 thru 9 or A thru F):
Short in the Front Passenger's Seat Belt
Buckle Switch**

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

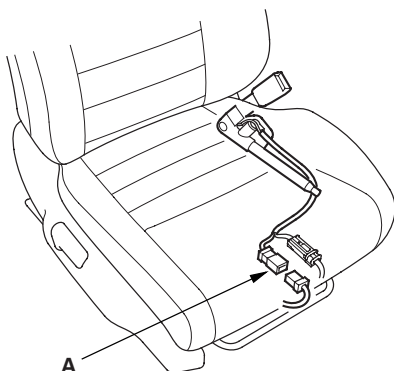
1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), then buckle and unbuckle the front passenger's seat belt several times.
3. Read the DTC (see page 24-22).

Is DTC 62-2x indicated?

YES—Go to step 4.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

4. Turn the ignition switch to LOCK (0).
5. Disconnect the floor wire harness 3P connector from the front passenger's seat belt buckle switch 3P connector (A).



6. Turn the ignition switch to 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 page 24-6), then clear the DTC. ■

NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC Troubleshooting (cont'd)

DTC 71-1x ("x" can be 0 thru 9 or A thru F): Open in the Driver's Seat Position Sensor

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 (see page 24-24). 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 (see page 24-11).
4. Clear the DTC memory.
5. Read the DTC (see page 24-22).

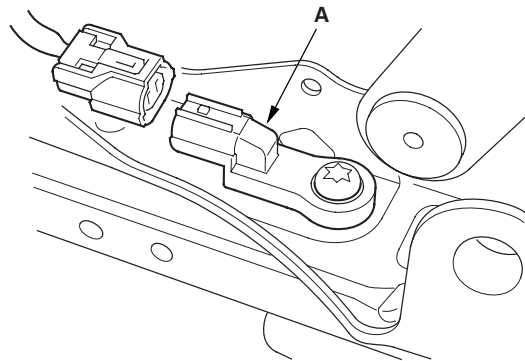
Is DTC 71-1x indicated?

YES—Go to step 6.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

6. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

7. Disconnect the driver's seat position sensor harness 2P connector from the driver's seat position sensor (A).

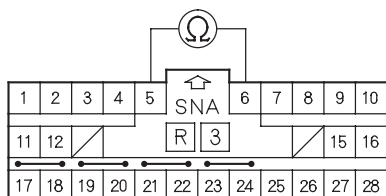


8. Connect the No. 1 and No. 2 terminals of the driver's seat position sensor harness 2P connector with a jumper wire.
9. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).



10. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).
11. Measure the resistance between SRS unit connector B (28P) terminals No. 5 and No. 6. There should be less than 1.0 Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty driver's seat position sensor or SRS unit; replace the driver's seat position sensor (see page 24-211), then clear the DTC. If the problem is still present, replace the SRS unit (see page 24-203). ■

NO—Open in the floor wire harness, driver's seat wire harness (with seat heater) or the seat position sensor harness; replace the faulty harness, then clear the DTC. ■

DTC 71-2x ("x" can be 0 thru 9 or A thru F): Short in the Driver's Seat Position Sensor

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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.

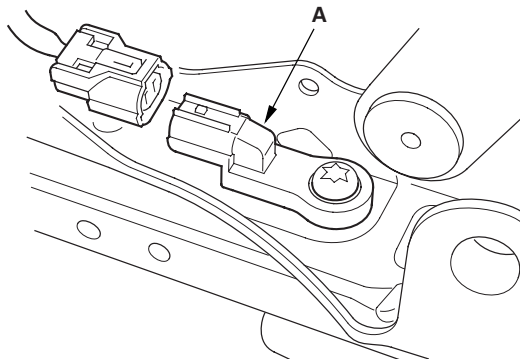
NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.

(cont'd)

DTC Troubleshooting (cont'd)

4. Disconnect the driver's seat position sensor harness 2P connector from the driver's seat position sensor (A) (see page 24-11).



5. Reconnect the negative cable to the battery.
6. Clear the DTC memory.
7. Read the DTC (see page 24-22).

Is DTC 71-2x indicated?

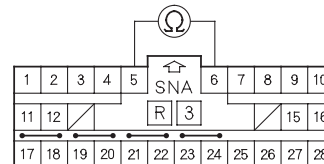
YES—Go to step 8.

NO—Faulty driver's seat position sensor; replace the driver's seat position sensor (see page 24-211), then clear the DTC. ■

8. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
9. Disconnect both seat belt buckle tensioner connectors (see step 8 on page 24-21) and both seat belt tensioner connectors (see step 7 on page 24-21).
10. Disconnect SRS unit connector B (28P) from the SRS unit (see step 9 on page 24-21).

11. Measure the resistance between SRS unit connector B (28P) terminals No. 5 and No. 6. There should be an open circuit or at least 1 M Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

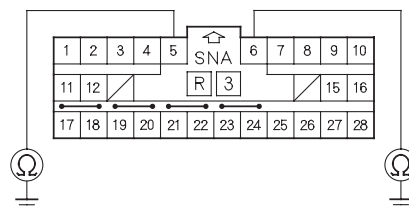
Is the resistance as specified?

YES—Go to step 12.

NO—Short in the floor wire harness, driver's seat wire harness (with seat heater), or the seat position sensor harness; replace the faulty harness, then clear the DTC. ■

12. Measure the resistance between body ground and SRS unit connector B (28P) terminals No. 5 and No. 6, individually. There should be an open circuit or at least 1 M Ω .

SRS UNIT CONNECTOR B (28P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty driver's seat position sensor, or the SRS unit; replace the driver's seat position sensor (see page 24-211), then clear the DTC. If the problem is still present, replace the SRS unit (see page 24-203). ■

NO—Short in the floor wire harness, driver's seat wire harness (with seat heater) or the seat position sensor harness; replace the faulty harness, then clear the DTC. ■



DTC 81-61, 85-61: No Signal From the ODS Unit

DTC 81-62, 85-62: Non-stipulated Data From the ODS Unit

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Make sure nothing is on the front passenger's seat.
2. Clear the DTC memory (see page 24-23).
3. Read the DTC (see page 24-22).

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 (see page 24-24). 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 6.

NO—Repair the poor connection, clear the DTC, and retest. If DTC 85-61 or 85-62 is still present, go to step 5.

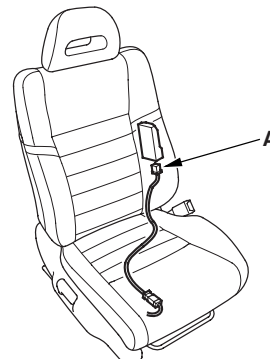
5. Turn the ignition switch to LOCK (0).
6. Check the No. 9 (7.5 A) fuse in the under-dash fuse/relay box.

Is the fuse OK?

YES—Go to step 7.

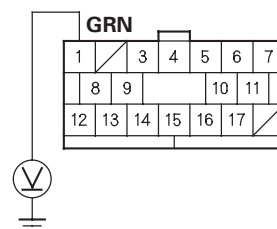
NO—Replace the fuse, then turn the ignition switch to ON (II). If the fuse blows again, check for a short in the No. 9 (7.5 A) fuse circuit (floor wire harness, front passenger's seat wire harness (with seat heater), or ODS unit harness). ■

7. Disconnect the ODS unit harness 18P connector (A) from the ODS unit.



8. Turn the ignition switch to ON (II).
9. Measure the voltage between ODS unit harness 18P connector terminal No. 1 and body ground. There should be battery voltage.

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

Is there battery voltage?

YES—Go to step 10.

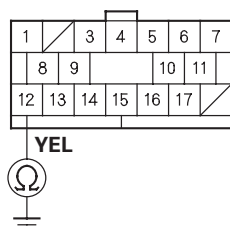
NO—Open in the floor wire harness, front passenger's seat wire harness (with seat heater) or ODS unit harness; replace the faulty harness, then clear the DTC. ■

(cont'd)

DTC Troubleshooting (cont'd)

10. Turn the ignition switch to LOCK (0).
11. Measure the resistance between ODS unit harness 18P connector terminal No. 12 and body ground. There should be less than 1.0 Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

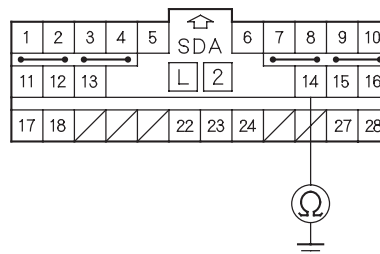
*Is the resistance as specified?***YES**—Go to step 12.

NO—Open in the ODS unit harness, front passenger's seat wire harness (with seat heater), or floor wire harness; replace the faulty harness, then clear the DTC. ■

12. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
13. Disconnect SRS unit connector A (28P) from the SRS unit (see step 9 on page 24-21).

14. Measure the resistance between SRS unit connector A (28P) terminal No. 14 and body ground. There should be an open circuit or at least 1 M Ω .

SRS UNIT CONNECTOR A (28P)



Wire side of female terminals

*Is the resistance as specified?***YES**—Go to step 15.

NO—Short to ground in the dashboard wire harness, front passenger's seat wire harness (with seat heater), or floor wire harness; replace the faulty harness, then clear the DTC. ■



15. Turn the ignition switch to ON (II), and measure the voltage between SRS unit connector A (28P) terminal No. 14 and body ground. There should be 0.2 V or less.

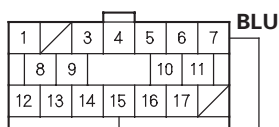
Is the voltage as specified?

YES—Go to step 16.

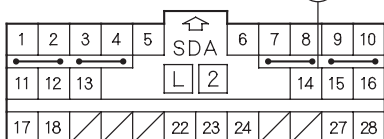
NO—Short to power in the dashboard wire harness, floor wire harness, front passenger's seat wire harness (with seat heater), or ODS unit harness; replace the faulty harness, then clear the DTC. ■

16. Measure the resistance between SRS unit connector A (28P) terminal No. 14 and ODS unit harness 18P connector terminal No. 7. There should be less than 1.0 Ω .

ODS UNIT HARNESS 18P CONNECTOR



SRS UNIT CONNECTOR A (28P)



Wire side of female terminals

Is the resistance as specified?

YES—Faulty ODS unit or SRS unit; replace the ODS unit (see page 24-209), then clear the DTC. If the problem is still present, replace the SRS unit (see page 24-203). ■

NO—Open in the dashboard wire harness, floor wire harness, front passenger's seat wire harness (with seat heater), or ODS unit harness; replace the faulty harness, then clear the DTC. ■

DTC 81-4x, 81-5x ("x" can be 0 thru 9 or A thru F), 81-63, 81-64: Internal Failure of the ODS Unit

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Initialize the ODS unit (see page 24-26).
4. Turn the ignition switch to 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 page 24-209), then clear the DTC. ■
6. Turn the ignition switch to 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—Replace the SRS unit (see page 24-203). ■

DTC Troubleshooting (cont'd)

DTC 81-71, 81-78: ODS Unit Does Not Calibrate

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 81-71 or 81-78 indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Calibrate the ODS unit (see page 24-27).
4. Turn the ignition switch to 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 page 24-209), then clear the DTC. ■
6. Turn the ignition switch to 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 page 24-203). ■

DTC 81-79: Front Passenger's Weight Sensors Initial Check Failure

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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, the system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0).
4. Make sure nothing is on the front passenger's seat.
5. Turn the ignition switch to 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—Remove the front passenger's seat assembly (see page 20-118), then reinstall it, calibrate the ODS unit (see page 24-27). Retry the troubleshooting. If the problem is still present, replace the ODS unit (see page 24-209), then clear the DTC. ■

NO—Intermittent failure, the system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■



DTC 82-14: No Signal from the Front Passenger's Weight Sensor (front inner side)

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Read the DTC (see page 24-22).

Is DTC 82-14 indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). ■

3. From the SRS INSPECTION menu on the HDS, select SWS DTC CHECK.

Is another DTC also indicated?

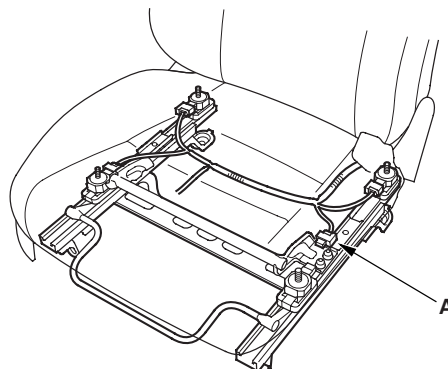
YES—

- DTC 14-11: Short to power in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■
- DTC 14-12: Go to step 4.
- DTC 14-13: Go to step 11.
- DTC 14-14: Go to step 19.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). ■

4. Turn the ignition switch to LOCK (0).

5. Disconnect the ODS unit harness 3P connector (A) from the front passenger's weight sensor (front inner side).



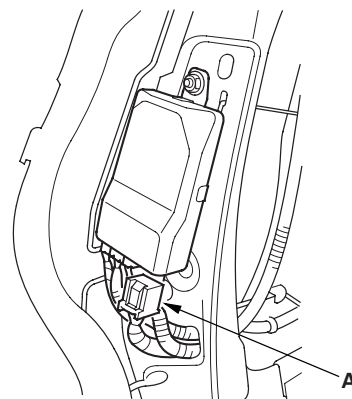
6. Read the DTC.

Is DTC 14-12 indicated?

YES—Go to step 7.

NO—Faulty front passenger's weight sensor (front inner side); replace the front passenger's seat slide assembly including all four front passenger's weight sensors (see page 24-207), then clear the DTC. ■

7. Turn the ignition switch to LOCK (0).
8. Disconnect the ODS unit harness 18P connector (A) from the ODS unit.

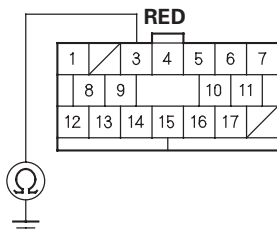


(cont'd)

DTC Troubleshooting (cont'd)

9. Measure the resistance between ODS unit harness 18P connector terminal No. 3 and body ground. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR

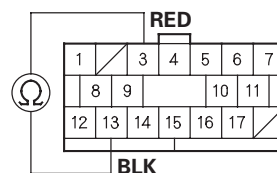


Wire side of female terminals

*Is the resistance as specified?***YES**—Go to step 10.**NO**—Short to ground in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

10. Measure the resistance between ODS unit harness 18P connector terminals No. 3 and No. 13. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

*Is the resistance as specified?***YES**—Faulty ODS unit; replace the ODS unit (see page 24-209), then clear the DTC. ■**NO**—Short in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■



11. Turn the ignition switch to LOCK (0).
12. Swap the connections between the front passenger's weight sensor (front inner side) and the front passenger's weight sensor (rear inner side).

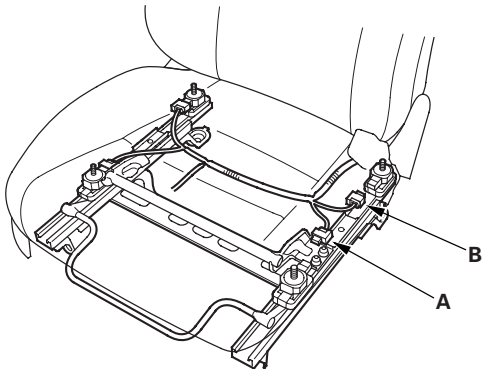
13. Read the DTC.

Is DTC 14-13 indicated?

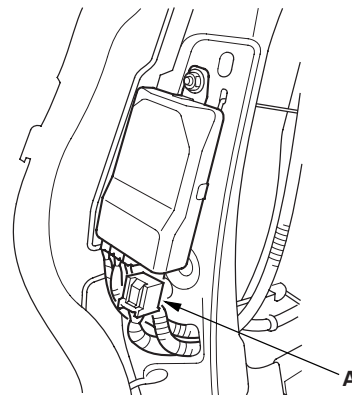
YES—Go to step 14.

NO—Faulty front passenger's weight sensor (front inner side); replace the front passenger's seat slide assembly including all four front passenger's weight sensors (see page 24-207), then clear the DTC. ■

14. Turn the ignition switch to LOCK (0).
15. Disconnect the front passenger's weight sensor (front inner side) connector (A) and front passenger's weight sensor (rear inner side) connector (B).

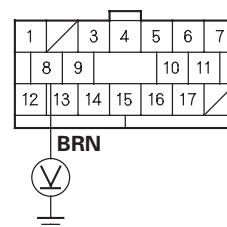


16. Disconnect the ODS unit harness 18P connector (A) from the ODS unit.



17. Turn the ignition switch to ON (II).
18. Measure the voltage between ODS unit harness 18P connector terminal No. 8 and body ground. There should be less than 0.2 V.

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

Is the voltage as specified?

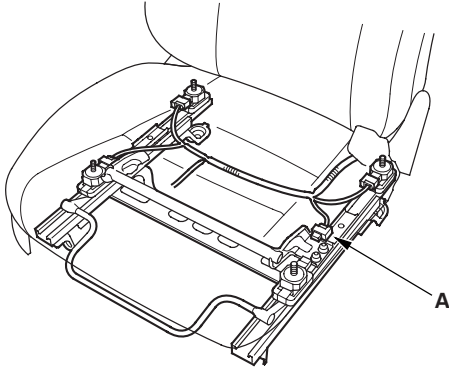
YES—Replace the ODS unit harness. If the problem is still present, replace the ODS unit (see page 24-209), then clear the DTC. ■

NO—Short to power in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

(cont'd)

DTC Troubleshooting (cont'd)

19. Turn the ignition switch to LOCK (0).
20. Disconnect the ODS unit harness 3P connector (A) from the front passenger's weight sensor (front inner side).



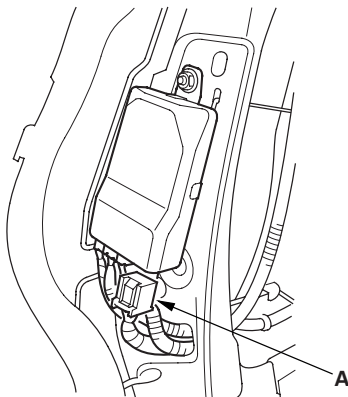
21. Read the DTC.

Is DTC 14-14 indicated?

YES—Go to step 22.

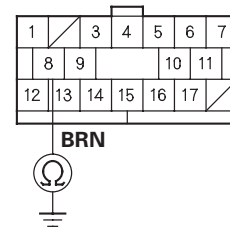
NO—Faulty front passenger's weight sensor (front inner side); replace the front passenger's seat slide assembly including all four front passenger's weight sensors (see page 24-207), then clear the DTC. ■

22. Turn the ignition switch to LOCK (0).
23. Disconnect the ODS unit harness 18P connector (A) from the ODS unit.



24. Measure the resistance between ODS unit harness 18P connector terminal No. 8 and body ground. There should be an open circuit or at least 1 MΩ.

ODS UNIT HARNESS 18P CONNECTOR



Is the resistance as specified?

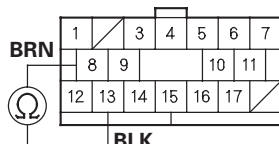
YES—Go to step 25.

NO—Short to ground in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■



25. Measure the resistance between ODS unit harness 18P connector terminals No. 8 and No. 13. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

Is the resistance as specified?

YES—Faulty ODS unit; replace the ODS unit (see page 24-209), then clear the DTC. ■

NO—Short in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

DTC 82-15: Internal Failure of the Front Passenger's Weight Sensor (front inner side)

DTC 82-17: Internal Failure of the Front Passenger's Weight Sensor (rear inner side)

DTC 83-25: Internal Failure of the Front Passenger's Weight Sensor (front outer side)

DTC 83-27: Internal Failure of the Front Passenger's Weight Sensor (rear outer side)

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Read the DTC (see page 24-22).

Is DTC 82-15, 82-17, 83-25, or 83-27 indicated?

YES—Faulty front passenger's weight sensor; replace the front passenger's seat frame including all four front passenger's weight sensors (see page 24-207), then clear the DTC. ■

NO—Intermittent failure, the system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). ■

DTC Troubleshooting (cont'd)

DTC 82-16: No Signal from the Front Passenger's Weight Sensor (rear inner side)

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Read the DTC (see page 24-22).

Is DTC 82-16 indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). ■

3. From INSPECTION the SRS menu on the HDS, select SWS DTC CHECK.

Is another DTC also indicated?

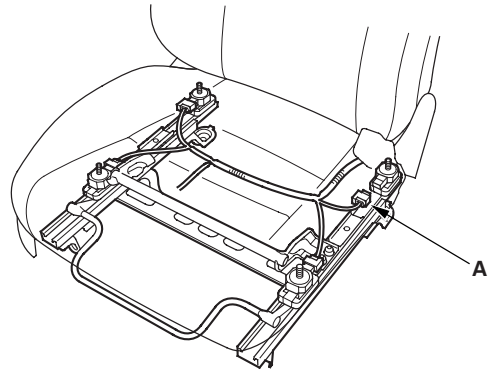
YES—

- DTC 16-11: Short to power in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■
- DTC 16-12: Go to step 4.
- DTC 16-13: Go to step 11.
- DTC 16-14: Go to step 19.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). ■

4. Turn the ignition switch to LOCK (0).

5. Disconnect the ODS unit harness 3P connector (A) from the front passenger's weight sensor (rear inner side).



6. Read the DTC.

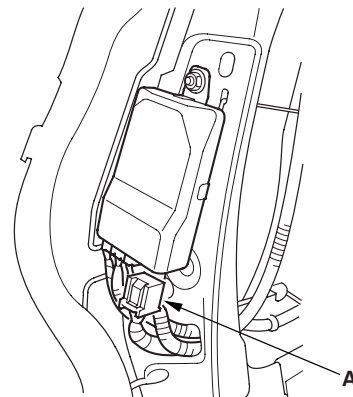
Is DTC 16-12 indicated?

YES—Go to step 7.

NO—Faulty front passenger's weight sensor (rear inner side); replace the front passenger's seat slide assembly including all four front passenger's weight sensors (see page 24-207), then clear the DTC. ■

7. Turn the ignition switch to LOCK (0).

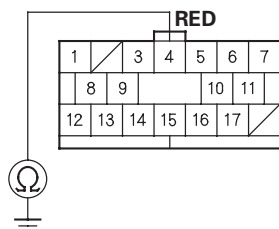
8. Disconnect the ODS unit harness 18P connector (A) from the ODS unit.





9. Measure the resistance between ODS unit harness 18P connector terminal No. 4 and body ground. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

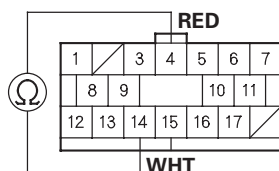
Is the resistance as specified?

YES—Go to step 10.

NO—Short to ground in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

10. Measure the resistance between ODS unit harness 18P connector terminals No. 4 and No. 14. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

Is the resistance as specified?

YES—Faulty ODS unit; replace the ODS unit (see page 24-209), then clear the DTC. ■

NO—Short in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

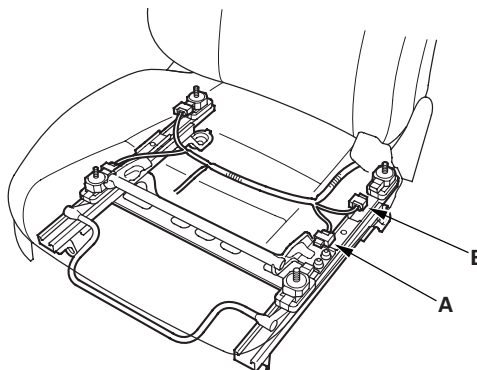
11. Turn the ignition switch to LOCK (0).
12. Swap the connections between the front passenger's weight sensor (rear inner side) and the front passenger's weight sensor (front inner side).
13. Read the DTC.

Is DTC 16-13 indicated?

YES—Go to step 14.

NO—Faulty front passenger's weight sensor (rear inner side); replace the front passenger's seat slide assembly including all four front passenger's weight sensors (see page 24-207), then clear the DTC. ■

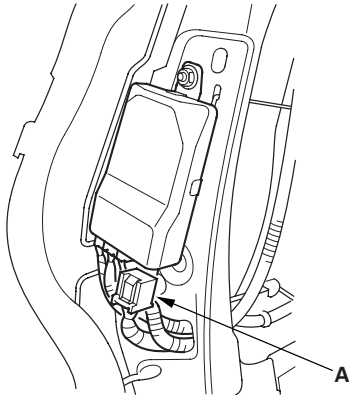
14. Turn the ignition switch to LOCK (0).
15. Disconnect the front passenger's weight sensor (front inner side) connector (A) and front passenger's weight sensor (rear inner side) connector (B).



(cont'd)

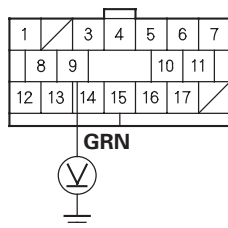
DTC Troubleshooting (cont'd)

16. Disconnect the ODS unit harness 18P connector (A) from the ODS unit.



17. Turn the ignition switch to ON (II).
18. Measure the voltage between ODS unit harness 18P connector terminal No. 9 and body ground. There should be less than 0.2 V.

ODS UNIT HARNESS 18P CONNECTOR



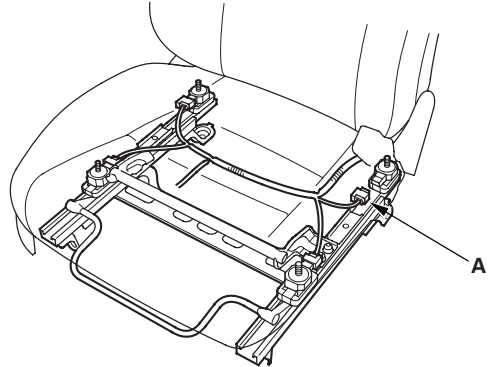
Wire side of female terminals

Is the voltage as specified?

YES—Replace the ODS unit harness. If the problem is still present, replace the ODS unit (see page 24-209), then clear the DTC. ■

NO—Short to power in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

19. Turn the ignition switch to LOCK (0).
20. Disconnect the ODS unit harness 3P connector (A) from the front passenger's weight sensor (rear inner side).



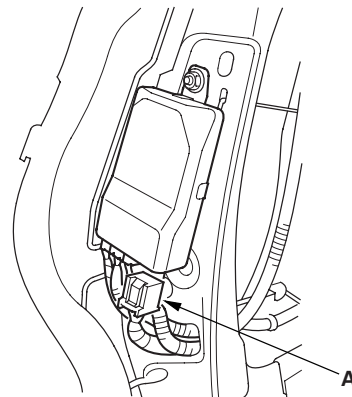
21. Read the DTC.

Is DTC 16-14 indicated?

YES—Go to step 22.

NO—Faulty front passenger's weight sensor (rear inner side); replace the front passenger's seat slide assembly including all four front passenger's weight sensors (see page 24-207), then clear the DTC. ■

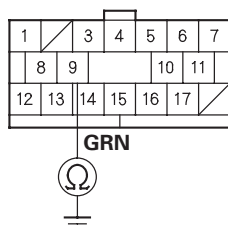
22. Turn the ignition switch to LOCK (0).
23. Disconnect the ODS unit harness 18P connector (A) from the ODS unit.





24. Measure the resistance between ODS unit harness 18P connector terminal No. 9 and body ground. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

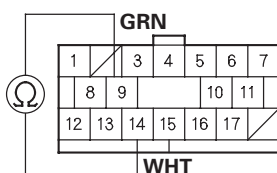
Is the resistance as specified?

YES—Go to step 25.

NO—Short to ground in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

25. Measure the resistance between ODS unit harness 18P connector terminals No. 9 and No. 14. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

Is the resistance as specified?

YES—Faulty ODS unit; replace the ODS unit (see page 24-209), then clear the DTC. ■

NO—Short in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

DTC 83-24: No Signal from the Front Passenger's Weight Sensor (front outer side)

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Read the DTC (see page 24-22).

Is DTC 83-24 indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). ■

3. From INSPECTION menu on the HDS, select SWS DTC CHECK.

Is another DTC also indicated?

YES—

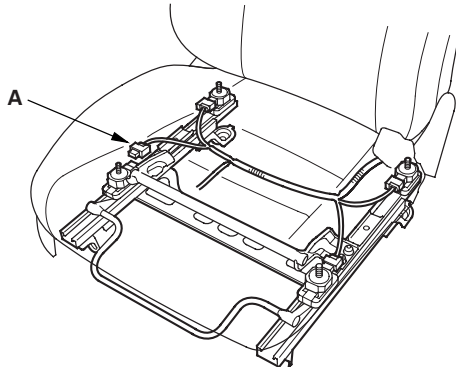
- DTC 24-11: Short to power in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■
- DTC 24-12: Go to step 4.
- DTC 24-13: Go to step 11.
- DTC 24-14: Go to step 19.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). ■

(cont'd)

DTC Troubleshooting (cont'd)

4. Turn the ignition switch to LOCK (0).
5. Disconnect the ODS unit harness 3P connector (A) from the front passenger's weight sensor (front outer side).



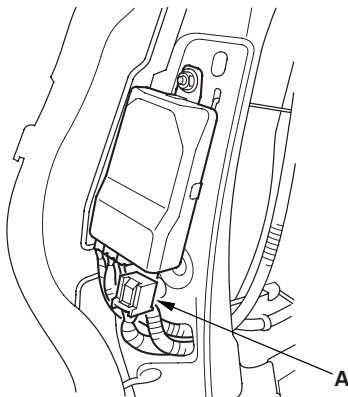
6. Read the DTC.

Is DTC 24-12 indicated?

YES—Go to step 7.

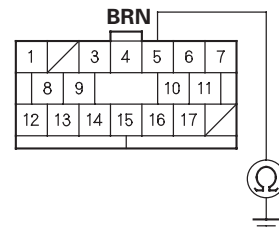
NO—Faulty front passenger's weight sensor (front outer side); replace the front passenger's seat slide assembly including all four front passenger's weight sensors (see page 24-207), then clear the DTC. ■

7. Turn the ignition switch to LOCK (0).
8. Disconnect the ODS unit harness 18P connector (A) from the ODS unit.



9. Measure the resistance between ODS unit harness 18P connector terminal No. 5 and body ground. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

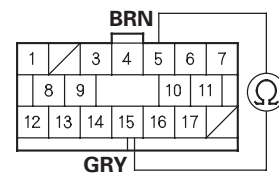
Is the resistance as specified?

YES—Go to step 10.

NO—Short to ground in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

10. Measure the resistance between ODS unit harness 18P connector terminals No. 5 and No. 15. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

Is the resistance as specified?

YES—Faulty ODS unit; replace the ODS unit (see page 24-209), then clear the DTC. ■

NO—Short in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■



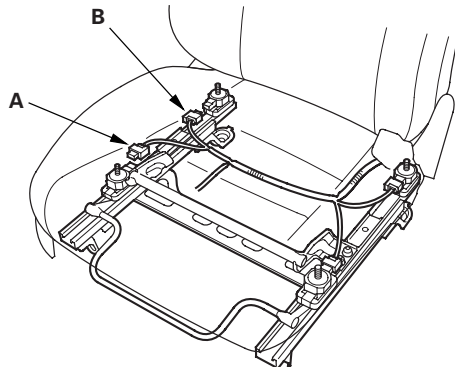
11. Turn the ignition switch to LOCK (0).
12. Swap the connections between the front passenger's weight sensor (front outer side) and the front passenger's weight sensor (rear outer side).
13. Read the DTC.

Is DTC 24-13 indicated?

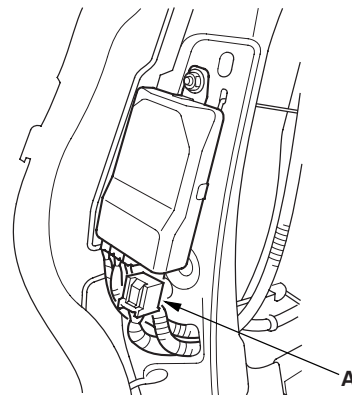
YES—Go to step 14.

NO—Faulty front passenger's weight sensor (front outer side); replace the front passenger's seat slide assembly including all four front passenger's weight sensors (see page 24-207), then clear the DTC. ■

14. Turn the ignition switch to LOCK (0).
15. Disconnect the front passenger's weight sensor (front outer side) connector (A) and front passenger's weight sensor (rear outer side) connector (B).

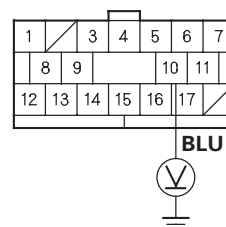


16. Disconnect the ODS unit harness 18P connector (A) from the ODS unit.



17. Turn the ignition switch to ON (II).
18. Measure the voltage between ODS unit harness 18P connector terminal No. 10 and body ground. There should be less than 0.2 V.

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

Is the voltage as specified?

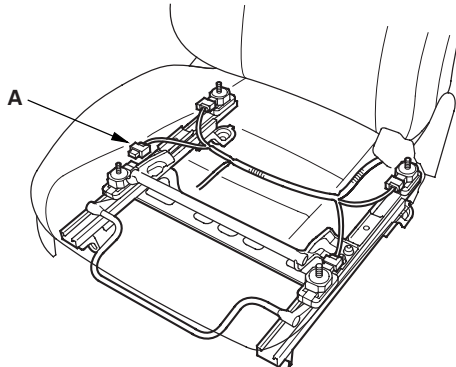
YES—Replace the ODS unit harness. If the problem is still present, replace the ODS unit (see page 24-209), then clear the DTC. ■

NO—Short to power in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

(cont'd)

DTC Troubleshooting (cont'd)

19. Turn the ignition switch to LOCK (0).
20. Disconnect the ODS unit harness 3P connector (A) from the front passenger's weight sensor (front outer side).



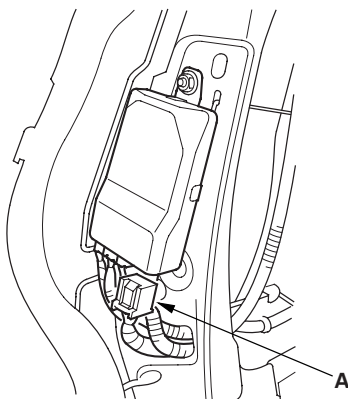
21. Read the DTC.

Is DTC 24-14 indicated?

YES—Go to step 22.

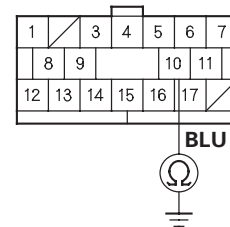
NO—Faulty front passenger's weight sensor (front outer side); replace the front passenger's seat slide assembly including all four front passenger's weight sensors (see page 24-207), then clear the DTC. ■

22. Turn the ignition switch to LOCK (0).
23. Disconnect the ODS unit harness 18P connector (A) from the ODS unit.



24. Measure the resistance between ODS unit harness 18P connector terminal No. 10 and body ground. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

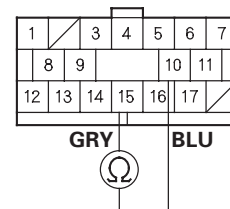
Is the resistance as specified?

YES—Go to step 25.

NO—Short to ground in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

25. Measure the resistance between ODS unit harness 18P connector terminals No. 10 and No. 15. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

Is the resistance as specified?

YES—Faulty ODS unit; replace the ODS unit (see page 24-209), then clear the DTC. ■

NO—Short in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■



DTC 83-26: No Signal from the Front Passenger's Weight Sensor (rear outer side)

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Read the DTC (see page 24-22).

Is DTC 83-26 indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). ■

3. From INSPECTION menu on the HDS, select SWS DTC CHECK.

Is another DTC also indicated?

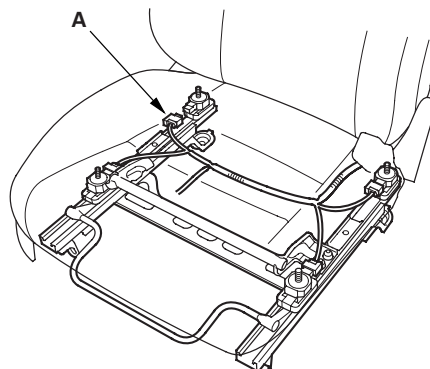
YES—

- DTC 26-11: Short to power in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■
- DTC 26-12: Go to step 4.
- DTC 26-13: Go to step 11.
- DTC 26-14: Go to step 19.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). ■

4. Turn the ignition switch to LOCK (0).

5. Disconnect the ODS unit harness 3P connector (A) from the front passenger's weight sensor (rear outer side).



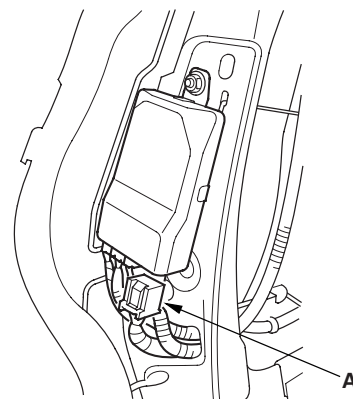
6. Read the DTC.

Is DTC 26-12 indicated?

YES—Go to step 7.

NO—Faulty front passenger's weight sensor (rear outer side); replace the front passenger's seat slide assembly including all four front passenger's weight sensors (see page 24-207), then clear the DTC. ■

7. Turn the ignition switch to LOCK (0).
8. Disconnect the ODS unit harness 18P connector (A) from the ODS unit.

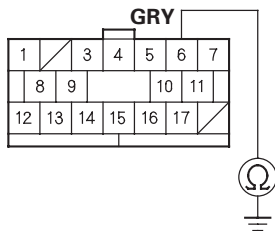


(cont'd)

DTC Troubleshooting (cont'd)

9. Measure the resistance between ODS unit harness 18P connector terminal No. 6 and body ground. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

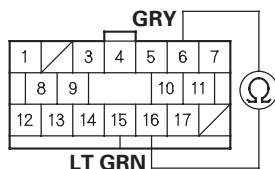
Is the resistance as specified?

YES—Go to step 10.

NO—Short to ground in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

10. Measure the resistance between ODS unit harness 18P connector terminals No. 6 and No. 16. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

Is the resistance as specified?

YES—Faulty ODS unit; replace the ODS unit (see page 24-209), then clear the DTC. ■

NO—Short in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

11. Turn the ignition switch to LOCK (0).

12. Swap the connections between the front passenger's weight sensor (rear outer side) and the front passenger's weight sensor (front outer side).

13. Read the DTC.

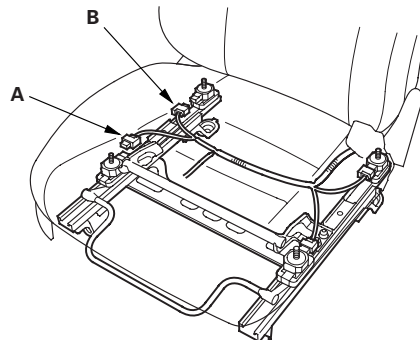
Is DTC 26-13 indicated?

YES—Go to step 14.

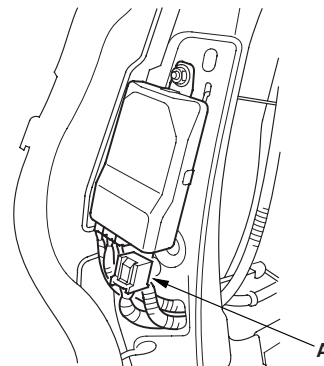
NO—Faulty front passenger's weight sensor (rear outer side); replace the front passenger's seat slide assembly including all four front passenger's weight sensors (see page 24-207), then clear the DTC. ■

14. Turn the ignition switch to LOCK (0).

15. Disconnect the front passenger's weight sensor (front outer side) connector (A) and front passenger's weight sensor (rear outer side) connector (B).



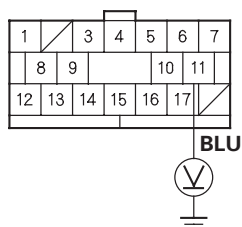
16. Disconnect the ODS unit harness 18P connector (A) from the ODS unit.





17. Turn the ignition switch to ON (II).
18. Measure the voltage between ODS unit harness 18P connector terminal No. 11 and body ground. There should be less than 0.2 V.

ODS UNIT HARNESS 18P CONNECTOR



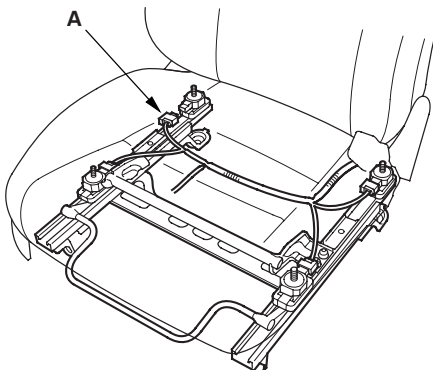
Wire side of female terminals

Is the voltage as specified?

YES—Replace the ODS unit harness. If the problem is still present, replace the ODS unit (see page 24-209), then clear the DTC. ■

NO—Short to power in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

19. Turn the ignition switch to LOCK (0).
20. Disconnect the ODS unit harness 3P connector (A) from the front passenger's weight sensor (rear outer side).



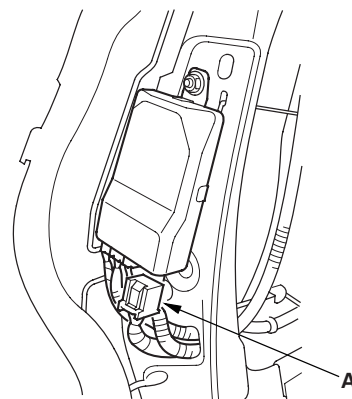
21. Read the DTC.

Is DTC 26-14 indicated?

YES—Go to step 22.

NO—Faulty front passenger's weight sensor (rear outer side); replace the front passenger's seat slide assembly including all four front passenger's weight sensors (see page 24-207), then clear the DTC. ■

22. Turn the ignition switch to LOCK (0).
23. Disconnect the ODS unit harness 18P connector (A) from the ODS unit.

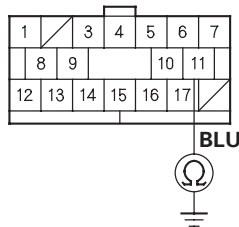


(cont'd)

DTC Troubleshooting (cont'd)

24. Measure the resistance between ODS unit harness 18P connector terminal No. 11 and body ground. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

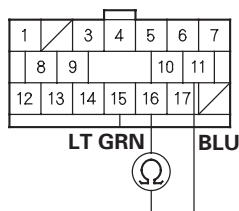
Is the resistance as specified?

YES—Go to step 25.

NO—Short to ground in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

25. Measure the resistance between ODS unit harness 18P connector terminals No. 11 and No. 16. There should be an open circuit or at least 1 M Ω .

ODS UNIT HARNESS 18P CONNECTOR



Wire side of female terminals

Is the resistance as specified?

YES—Faulty ODS unit; replace the ODS unit (see page 24-209), then clear the DTC. ■

NO—Short in the ODS unit harness; replace the ODS unit harness, then clear the DTC. ■

DTC 85-4x, 85-5x ("x" can be 0 thru 9 or A thru F), 85-63, 85-64: Internal Failure of the ODS Unit

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Initialize the ODS unit (see page 24-26).
4. Turn the ignition switch to 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 page 24-209), then clear the DTC. ■
6. Turn the ignition switch to 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 page 24-203). ■



DTC 85-71, 85-78: ODS Unit Not Initialize

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 85-71 or 85-78 indicated?

YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Initialize the ODS unit (see page 24-26).
4. Turn the ignition switch to 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 page 24-209), then clear the DTC. ■
6. Turn the ignition switch to 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 page 24-203). ■

DTC 85-79: OPDS Sensor Initial Check Failure

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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—Go to step 3.

NO—Intermittent failure, the system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). ■

3. Turn the ignition switch to LOCK (0).
4. Make sure nothing is on the front passenger's seat.
5. Clear the DTC memory (see page 24-23).
6. Turn the ignition switch to 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—Go to step 7.

NO—Intermittent failure, the system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). ■

(cont'd)

DTC Troubleshooting (cont'd)

7. Initialize the ODS unit (see page 24-26).
8. Turn the ignition switch to 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—Replace the ODS unit (see page 24-209), then clear the DTC. If the problem is still present, replace the OPDS sensor/seat-back (see page 20-123). ■

NO—Intermittent failure, the system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). ■

DTC 86-1x ("x" can be 0 thru 9 or A thru F):
Faulty OPDS Seat-Back Sensor

DTC 86-2x ("x" can be 0 thru 9 or A thru F):
Faulty OPDS Seat Support Sensor

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 86-1x or 86-2x indicated?

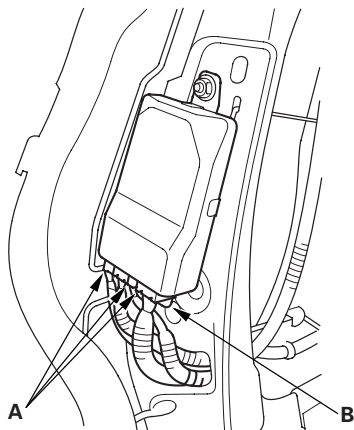
YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). 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 was 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 harness 18P connector (B).



Is the connection OK?

YES—Go to step 4.

NO—Repair the poor connection, then clear the DTC. ■

4. Replace the OPDS sensor/seat-back foam (see page 20-123), and initialize the ODS unit (see page 24-26), then clear the DTC.
5. Clear the DTC memory, then check for DTC 86-1x or 86-2x.

Is DTC 86-1x or 86-2x indicated?

YES—Replace the ODS unit (see page 24-209), then clear the DTC. ■

NO—The system is OK. ■

DTC 92-1x ("x" can be 0 thru 9 or A thru F): Open in the Passenger's Airbag Cutoff Indicator

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 92-1x indicated?

YES—Go to step 3.

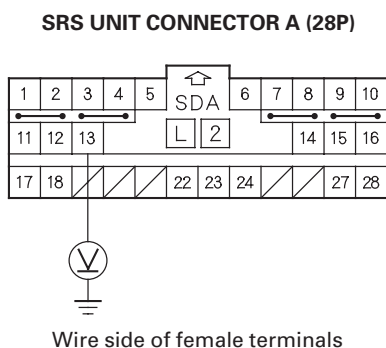
NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Disconnect the passenger's airbag cutoff indicator 4P connector (see page 24-212).

(cont'd)

DTC Troubleshooting (cont'd)

5. Disconnect SRS unit connector A (28P) from the SRS unit (see step 9 on page 24-21).
6. Reconnect the negative cable to the battery.
7. Turn the ignition switch to ON (II).
8. Measure the voltage between SRS unit connector A (28P) terminal No. 13 and body ground. There should be less than 0.2 V.



Is the voltage as specified?

YES—Faulty SRS unit or passenger's airbag cutoff indicator; replace the passenger's airbag cutoff indicator (see page 24-212), then clear the DTC. If the problem is still present, replace the SRS unit (see page 24-203). ■

NO—Short to power in the dashboard wire harness; replace the dashboard wire harness, then clear the DTC. ■

DTC 92-2x ("x" can be 0 thru 9 or A thru F): Open or Short to Ground in the Passenger's Airbag Cutoff Indicator

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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?

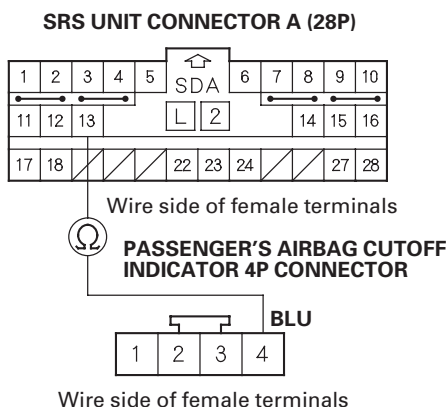
YES—Go to step 3.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

3. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
4. Disconnect the passenger's airbag cutoff indicator 4P connector (see page 24-212).
5. Disconnect SRS unit connector A (28P) from the SRS unit (see page 24-21).



6. Measure the resistance between SRS unit connector A (28P) terminal No. 13 and passenger's airbag cutoff indicator 4P connector terminal No. 4. There should be less than 1.0 Ω .

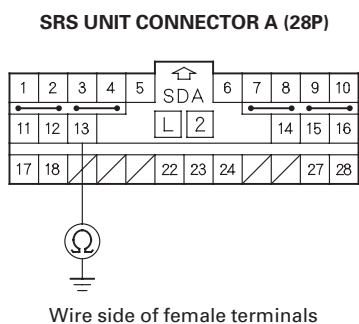


Is the resistance as specified?

YES—Go to step 7.

NO—Open in the dashboard wire harness; replace the dashboard wire harness, then clear the DTC. ■

7. Measure the resistance between SRS unit connector A (28P) terminal No. 13 body ground. There should be an open circuit or at least 1 M Ω .



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 (see page 24-212), then clear the DTC. If the problem is still present, replace the SRS unit (see page 24-203). ■

NO—Short to ground in the dashboard wire harness; replace the dashboard wire harness, then clear the DTC. ■

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 page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and wait for 10 seconds.
3. Read the DTC (see page 24-22).

Is DTC A1-1x indicated?

YES—Go to step 4.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

4. Turn the ignition switch to LOCK (0).
5. Check the No. 9 (7.5 A) fuse in the under-dash fuse/relay box.

Is the fuse OK?

YES—Go to step 6.

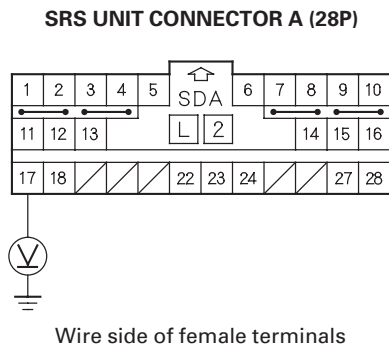
NO—Replace the fuse, then turn the ignition switch to ON (II). If the fuse blows again, check for a short in the No. 9 (7.5 A) fuse circuit (dashboard wire harness, floor wire harness, front passenger's seat wire harness (with seat heater), or ODS unit harness), then clear the DTC. ■

6. Disconnect the negative cable from the battery, then wait at least 3 minutes.
7. Disconnect the SRS unit connector A (28P) from the SRS unit (see step 9 on page 24-21).
8. Reconnect the negative cable to the battery.
9. Turn the ignition switch to ON (II).

(cont'd)

DTC Troubleshooting (cont'd)

10. Connect a voltmeter between SRS unit connector A (28P) terminal No. 17 and body ground. Turn the ignition switch to ON (II), and measure the voltage. There should be battery voltage when the ignition switch is ON (II).

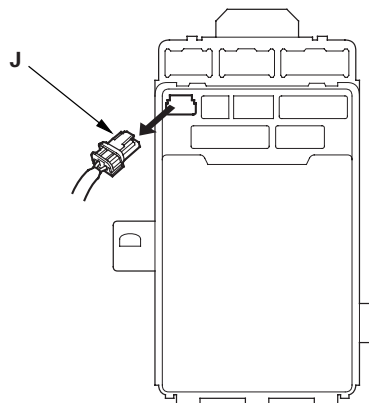


Is there battery voltage?

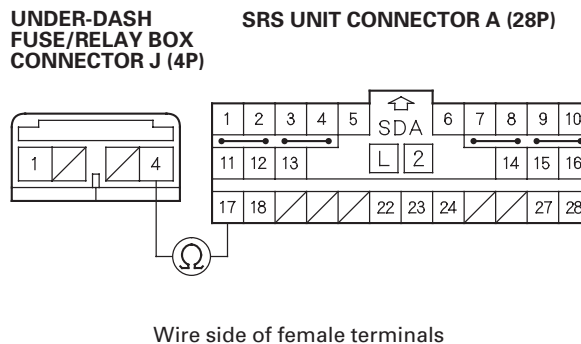
YES—Faulty SRS unit or poor connection at SRS unit connector (A) 28P and the SRS unit. Check the connection between the connector and the SRS unit. If the connection is OK, replace the SRS unit (see page 24-203). ■

NO—Go to step 11.

11. Turn the ignition switch to LOCK (0).
12. Disconnect under-dash fuse/relay box connector J (4P).



13. Measure the resistance between SRS unit connector A (28P) terminal No. 17 and under-dash fuse/relay box connector J (4P) terminal No. 4. There should be less than 1.0 Ω .



Is the resistance as specified?

YES—Open in the under-dash fuse/relay box or poor contact between connector J (4P) and the under-dash fuse/relay box; check the connection. If the connection is OK, replace the under-dash fuse/relay box (see page 22-66), then clear the DTC. ■

NO—Open in the dashboard wire harness; replace the dashboard wire harness, then clear the DTC. ■



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 page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Check the No. 11 (10 A) fuse in the under-dash fuse/relay box.

Is the fuse OK?

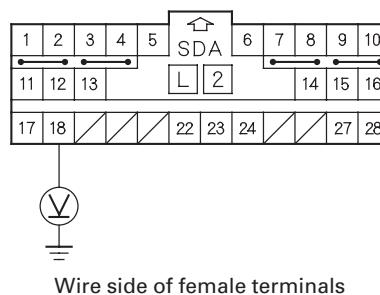
YES—Go to step 2.

NO—Replace the fuse, then turn the ignition switch ON (II). If the fuse blows again, check for a short to ground in the under-dash fuse/relay box No. 11 (10 A) fuse line, in the dashboard wire harness; replace the under-dash fuse/relay box (see page 22-66), then clear the DTC. ■

2. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, then wait at least 3 minutes.
3. Disconnect SRS unit connector A (28P) from the SRS unit (see step 9 on page 24-21).
4. Reconnect the negative cable to the battery.

5. Connect a voltmeter between SRS unit connector A (28P) terminal No. 18 and body ground. Turn the ignition switch to ON (II), and measure the voltage. There should be battery voltage when the ignition switch is on.

SRS UNIT CONNECTOR A (28P)



Is there battery voltage?

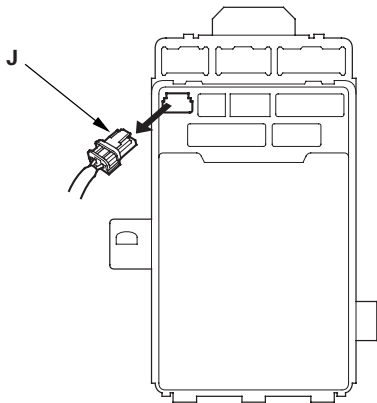
YES—Faulty SRS unit or poor contact at SRS unit connector A (28P) and the SRS unit; check the connection. If the connection is OK, replace the SRS unit (see page 24-203). ■

NO—Go to step 6.

(cont'd)

DTC Troubleshooting (cont'd)

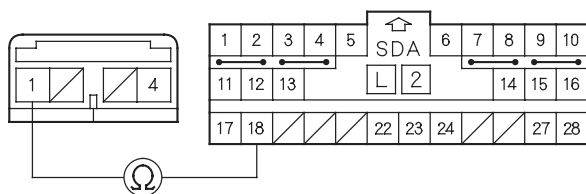
6. Turn the ignition switch to LOCK (0).
7. Disconnect under-dash fuse/relay box connector J (4P).



8. Measure the resistance between SRS unit connector A (28P) terminal No. 18 and under-dash fuse/relay box connector J (4P) terminal No. 1. There should be less than 1.0 Ω .

UNDER-DASH
FUSE/RELAY BOX
CONNECTOR J (4P)

SRS UNIT CONNECTOR A (28P)



Wire side of female terminals

Is the resistance as specified?

YES—Open in the under-dash fuse/relay box or poor contact between connector J (4P) and the under-dash fuse/relay box; check the connection. If the connection is OK, replace the under-dash fuse/relay box (see page 22-66), then clear the DTC. ■

NO—Open in the dashboard wire harness; replace the dashboard wire harness, then clear the DTC. ■

DTC B2-1x: No Signal from the Rear Safing Sensor

Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead L 070AZ-SNA0300

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.
3. Read the DTC (see page 24-22).

Does the SRS indicator stays on, and is DTC B2-1x indicated?

YES—Go to step 4.

NO—Go to step 5.

4. Read the DTC (see page 24-22).

Is DTC 45-11 also indicated?

YES—Faulty rear safing sensor; replace the rear safing sensor (see page 24-206), then clear the DTC. ■

NO—Go to step 7.

5. Read the DTC (see page 24-22).

Is DTC B2-1x (except B2-11) also indicated?

YES—Go to step 6.

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■



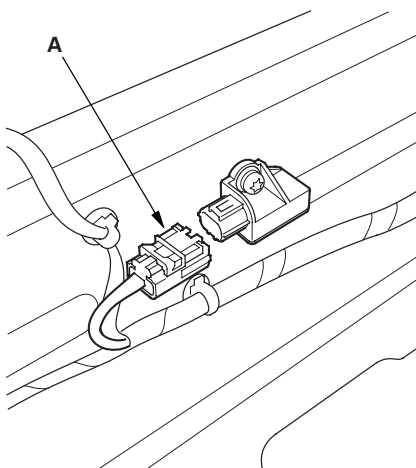
6. Read the DTC (see page 24-22).

Is DTC 45-11 indicated?

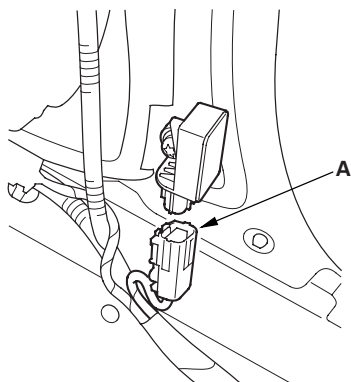
YES—Troubleshoot DTC 45-1x (see page 24-132). ■

NO—Faulty rear safing sensor; replace the rear safing sensor (see page 24-206), then clear the DTC. ■

7. Turn the ignition switch to LOCK (0).
8. Disconnect the floor wire harness 4P connector (A) from the rear safing sensor.

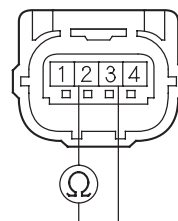


9. Disconnect the floor wire harness 4P connector (A) from the left side impact sensor (first).



10. Measure the resistance between rear safing sensor 4P connector terminals No. 2 and No. 3. There should be an open circuit or at least 1 M Ω .

REAR SAFING SENSOR 4P CONNECTOR



Terminal side of female terminals

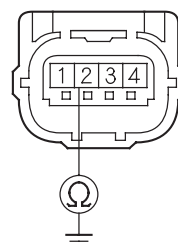
Is the resistance as specified?

YES—Go to step 11.

NO—Short in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

11. Measure the resistance between rear safing sensor 4P connector terminal No. 2 and body ground. There should be an open circuit or at least 1 M Ω .

REAR SAFING SENSOR 4P CONNECTOR



Terminal side of female terminals

Is the resistance as specified?

YES—Go to step 12.

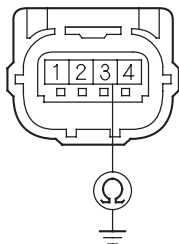
NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

(cont'd)

DTC Troubleshooting (cont'd)

12. Measure the resistance between rear safing sensor 4P connector terminal No. 3 and body ground. There should be an open circuit or at least 1 M Ω .

REAR SAFING SENSOR 4P CONNECTOR



Terminal side of female terminals

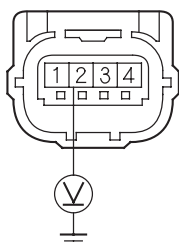
Is the resistance as specified?

YES—Go to step 13.

NO—Short to ground in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

13. Turn the ignition switch to ON (II).
14. Measure the voltage between rear safing sensor 4P connector terminal No. 2 and body ground. There should be less than 0.2 V.

REAR SAFING SENSOR 4P CONNECTOR



Terminal side of female terminals

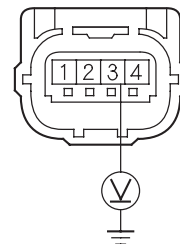
Is the voltage as specified?

YES—Go to step 15.

NO—Short to power in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

15. Measure the voltage between rear safing sensor 4P connector terminal No. 3 and body ground. There should be less than 0.2 V.

REAR SAFING SENSOR 4P CONNECTOR



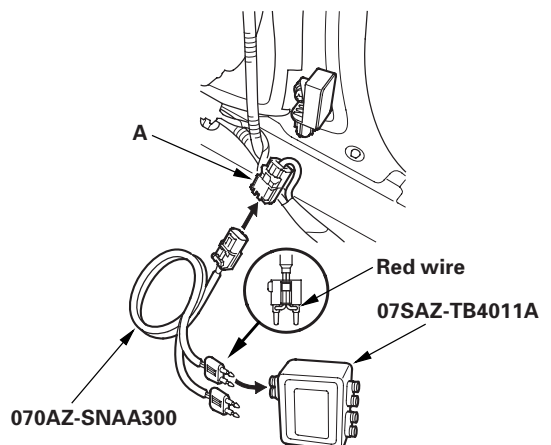
Terminal side of female terminals

Is the resistance as specified?

YES—Go to step 16.

NO—Short to power in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

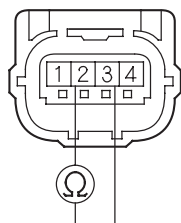
16. Turn the ignition switch to LOCK (0).
17. Connect the SRS inflator simulator (jumper connector) and the red lead of simulator lead L to the floor wire harness 4P connector (A) at the left side impact sensor (first).





18. Measure the resistance between rear safing sensor 4P connector terminal No. 2 and No. 3. There should be less than 1.0 Ω .

REAR SAFING SENSOR 4P CONNECTOR



Terminal side of female terminals

Is the resistance as specified?

YES—Faulty rear safing sensor or poor connection at the floor wire harness 4P connector and the rear safing sensor. Check the connection between the connector and the rear safing sensor. If the connection is OK, replace the rear safing sensor (see page 24-206), then clear the DTC. ■

NO—Open in the floor wire harness; replace the floor wire harness, then clear the DTC. ■

DTC B2-17, B2-8x, B2-9x, B2-Ax, B2-Bx (“x” can be 0 thru 9 or A thru F): Internal Failure of the Rear Safing Sensor

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13) and General Troubleshooting Information (see page 24-22).

1. Clear the DTC memory (see page 24-23).
2. Turn the ignition switch to 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 B2-17, B2-8x, B2-9x, B2-Ax, or B2-Bx indicated?

YES—Replace the rear safing sensor (see page 24-206), then clear the DTC. If the DTC returns, replace the SRS unit (see page 24-203). ■

NO—Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see page 24-24). If another DTC is indicated, troubleshoot the DTC. ■

DTC Troubleshooting (cont'd)

DTC 41-xx, 42-xx, 43-xx ("x" can be 0 thru 9 or A thru F): Internal Failure of the ODS Unit

NOTE: Only read DTCs from the SRS menu, not from the SWS menus unless instructed to check SWS DTCs. SWS (ODS unit) DTCs are subcodes of SRS unit DTCs. Only troubleshoot the corresponding SRS DTCs.

Do the troubleshooting for SRS unit DTC 81-4x (see page 24-149).

DTC 71-xx ("x" can be 0 thru 9 or A thru F): ODS Unit Does Not Calibrate

NOTE: Only read DTCs from the SRS menu, not from the SWS menus unless instructed to check SWS DTCs. SWS (ODS unit) DTCs are subcodes of SRS unit DTCs. Only troubleshoot the corresponding SRS DTCs.

Do the troubleshooting for SRS unit DTC 81-71 (see page 24-150).



DTC 14-11: Short to Power in the Front Passenger's Weight Sensor (front inner side) Power Circuit

DTC 14-12: Short to Ground in the Front Passenger's Weight Sensor (front inner side) Power Circuit

DTC 14-13: Short to Power in the Front Passenger's Weight Sensor (front inner side) Output Circuit

DTC 14-14: Short to Ground in the Front Passenger's Weight Sensor (front inner side) Output Circuit

NOTE: Only read DTCs from the SRS menu, not from the SWS menus unless instructed to check SWS DTCs. SWS (ODS unit) DTCs are subcodes of SRS unit DTCs. Only troubleshoot the corresponding SRS DTCs.

Do the troubleshooting for SRS unit DTC 82-14 (see page 24-151).

DTC 16-11: Short to Power in the Front Passenger's Weight Sensor (rear inner side) Power Circuit

DTC 16-12: Short to Ground in the Front Passenger's Weight Sensor (rear inner side) Power Circuit

DTC 16-13: Short to Power in the Front Passenger's Weight Sensor (rear inner side) Output Circuit

DTC 16-14: Short to Ground in the Front Passenger's Weight Sensor (rear inner side) Output Circuit

NOTE: Only read DTCs from the SRS menu, not from the SWS menus unless instructed to check SWS DTCs. SWS (ODS unit) DTCs are subcodes of SRS unit DTCs. Only troubleshoot the corresponding SRS DTCs.

Do the troubleshooting for SRS unit DTC 82-16 (see page 24-156).

DTC Troubleshooting (cont'd)

DTC 24-11: Short to Power in the Front Passenger's Weight Sensor (front outer side) Power Circuit

DTC 24-12: Short to Ground in the Front Passenger's Weight Sensor (front outer side) Power Circuit

DTC 24-13: Open in the Front Passenger's Weight Sensor (front outer side) Output Circuit

DTC 24-14: Short to Ground in the Front Passenger's Weight Sensor (front outer side) Output Circuit

NOTE: Only read DTCs from the SRS menu, not from the SWS menus unless instructed to check SWS DTCs. SWS (ODS unit) DTCs are subcodes of SRS unit DTCs. Only troubleshoot the corresponding SRS DTCs.

Do the troubleshooting for SRS unit DTC 82-24 (see page 24-159).

DTC 26-11: Short to Power in the Front Passenger's Weight Sensor (rear outer side) Power Circuit

DTC 26-12: Short to Ground in the Front Passenger's Weight Sensor (rear outer side) Power Circuit

DTC 26-13: Open in the Front Passenger's Weight Sensor (rear outer side) Output Circuit

DTC 26-14: Short to Ground in the Front Passenger's Weight Sensor (rear outer side) Output Circuit

NOTE: Only read DTCs from the SRS menu, not from the SWS menus unless instructed to check SWS DTCs. SWS (ODS unit) DTCs are subcodes of SRS unit DTCs. Only troubleshoot the corresponding SRS DTCs.

Do the troubleshooting for SRS unit DTC 83-26 (see page 24-163).



Symptom Troubleshooting

DTC 15-3x: No Signal From the Front Inner Side Front Passenger's Weight Sensor

DTC 17-3x: No Signal From the Rear Inner Side Front Passenger's Weight Sensor

DTC 25-3x: No Signal From the Front Outer Side Front Passenger's Weight Sensor

DTC 27-3x: No Signal From the Rear Outer Side Front Passenger's Weight Sensor

NOTE: Only read DTCs from the SRS menu, not from the SWS menus unless instructed to check SWS DTCs. SWS (ODS unit) DTCs are subcodes of SRS unit DTCs. Only troubleshoot the corresponding SRS DTCs.

Do the troubleshooting for SRS unit DTC 82-15, 82-17, 83-25, and 83-27 (see page 24-155).

SRS indicator does not come on

1. Turn the ignition switch to LOCK (0), then wait for 10 seconds.
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicators come on?

YES—Intermittent failure, system is OK at this time. ■

NO—Go to step 3.

3. Connect the HDS to the data link connector (DLC) (see page 24-22).
4. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not communicate, troubleshoot the DLC circuit (see page 11-204).
5. Do the gauge control module self-diagnostic function (see page 22-241).

Does the SRS indicator come on?

YES—Faulty SRS unit; replace the SRS unit (see page 24-203). ■

NO—Faulty gauge control module (tach); replace the gauge control module (tach) (see page 22-277). ■



Symptom Troubleshooting

DTC 15-3x: No Signal From the Front Inner Side Front Passenger's Weight Sensor

DTC 17-3x: No Signal From the Rear Inner Side Front Passenger's Weight Sensor

DTC 25-3x: No Signal From the Front Outer Side Front Passenger's Weight Sensor

DTC 27-3x: No Signal From the Rear Outer Side Front Passenger's Weight Sensor

NOTE: Only read DTCs from the SRS menu, not from the SWS menus unless instructed to check SWS DTCs. SWS (ODS unit) DTCs are subcodes of SRS unit DTCs. Only troubleshoot the corresponding SRS DTCs.

Do the troubleshooting for SRS unit DTC 82-15, 82-17, 83-25, and 83-27 (see page 24-155).

SRS indicator does not come on

1. Turn the ignition switch to LOCK (0), then wait for 10 seconds.
2. Turn the ignition switch to ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

Does the SRS indicators come on?

YES—Intermittent failure, system is OK at this time. ■

NO—Go to step 3.

3. Connect the HDS to the data link connector (DLC) (see page 24-22).
4. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not communicate, troubleshoot the DLC circuit (see page 11-204).
5. Do the gauge control module self-diagnostic function (see page 22-241).

Does the SRS indicator come on?

YES—Faulty SRS unit; replace the SRS unit (see page 24-203). ■

NO—Faulty gauge control module (tach); replace the gauge control module (tach) (see page 22-277). ■

Symptom Troubleshooting (cont'd)

SRS indicator stays on, but no DTCs are stored

NOTE: Before doing this troubleshooting procedure, review SRS Precautions and Procedures (see page 24-13), General Troubleshooting Information (see page 24-22), and Battery Terminal Disconnection and Reconnection (see page 22-68).

1. Connect the HDS to the data link connector (DLC) (see page 24-22).
2. Turn the ignition switch to 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 page 11-204).
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 page 22-265). ■

NO—Go to step 6.

6. Check that the HDS communicates with the SRS unit.

Does the HDS communicate 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 ok, replace the SRS unit (see page 24-203).

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 page 24-203). ■

NO—Go to step 8.

8. Do the gauge self-diagnostic test (see page 22-241).

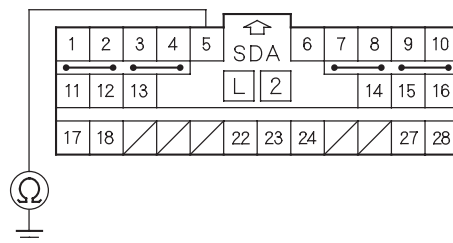
Does the SRS indicator flash?

YES—Go to step 9.

NO—Faulty gauge control module (tach); replace the gauge control module (tach) (see page 22-277).

9. Turn the ignition switch to LOCK (0). Disconnect the negative cable from the battery, and wait at least 3 minutes.
10. Disconnect the SRS unit connector A (28P) from the SRS unit (see step 8 on page 24-21).
11. Measure the resistance between SRS unit connector A (28P) terminal No. 5 and body ground. There should be an open circuit or at least 1 M Ω .

SRS UNIT CONNECTOR A (28P)



Wire side of female terminals

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 page 24-203). ■

NO—Short in the dashboard wire harness; replace the dashboard wire harness. ■



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 to ON (II), and see if the indicator come on.

Does the SRS indicator come on and stay on?

YES—Go to the Symptom Troubleshooting “SRS indicator stays on, but no DTCs are stored.”

NO—Go to step 2.

4. Connect the HDS to the data link connector (DLC) (see page 24-22).
5. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not troubleshoot the DLC circuit (see page 11-204).
6. Select Body Electrical Status with the HDS.
7. Check for DTCs in the Gauge Menu with the HDS.

Is DTC B1187 indicated?

YES—Go to the DTC B1187 troubleshooting (see page 22-265). ■

NO—Go to step 8.

8. Do the gauge control module self-diagnostic function (see page 22-241).

Does the side airbag cutoff indicator flash?

YES—Initialize the ODS unit (see page 24-26). If the problem is still present, replace the OPDS sensor/seat-back (see page 20-123). ■

NO—Faulty gauge control module (tach); replace the gauge control module (tach) (see page 22-277). ■

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 page 24-182).

1. Turn the ignition switch to LOCK (0), then wait for 10 seconds.
2. Turn the ignition switch to ON (II), and check that 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.” ■

NO—Go to step 3.

3. Connect the HDS to the data link connector (DLC) (see page 24-22).
4. Make sure the HDS communicates with the vehicle and the SRS unit. If it does not troubleshoot the DLC circuit (see page 11-204).
5. Do the gauge control module self-diagnostic function (see page 22-241).

Does the side airbag cutoff indicator come on?

YES—Faulty SRS unit; replace the SRS unit (see page 24-203). ■

NO—Faulty gauge control module (tach); replace the gauge control module (tach) (see page 22-277). ■

Symptom Troubleshooting (cont'd)

Passenger's airbag cutoff indicator stays on or comes on suddenly

NOTE: Under the following conditions, the passenger's airbag cutoff indicator stays on or comes on suddenly.

- No one is sitting the front passenger's seat, but there is an object on the seat more than 5 kg (11 lbs).
- The seat belt is buckled, but no one is sitting on the front passenger's seat.
- Someone who is less than 30 kg (66 lbs) is sitting on the front passenger's seat.
- Someone who is more than 30 kg (66 lbs) but is supporting some of their body weight on their legs, feet, arms, or hands.

1. Check for these items, then recheck the passenger's airbag cutoff indicator.

- The front passenger's seat is/was 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 data link connector (DLC) (see page 24-22).
3. Turn the ignition switch to 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 page 11-204).

5. Select the INSPECTION menu on the HDS, then select AFTER REPLACING FRONT PASSENGER'S SEAT COMPONENT(S), and follow 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—Replace the SRS unit (see page 24-203). If the problem is still present, replace the ODS unit (see page 24-209), and then if the problem is still present, replace the passenger's weight sensors (see page 24-207). ■

NO—Troubleshooting is complete. ■



Component Replacement/Inspection After Deployment

NOTE:

- Before doing any SRS repairs, check the SRS DTCs (see page 24-22) for the less obvious deployed components (seat belt tensioners, front impact sensors, side airbag sensors, etc.).
- After a vehicle collision, do the ODS unit operation check (see page 24-28).
- Do not replace the ODS unit unless it is physically damaged or a specific fault was found during DTC troubleshooting.
- After a vehicle collision, inspect the front seat active head restraints (see page 20-117).

After a collision where the seat belt tensioners deployed, replace these items:

- SRS unit
- Seat belt tensioners
- Seat belt buckle tensioners
- Front impact sensors

After a collision where the front airbag(s) deployed, replace these items:

- SRS unit
- Deployed airbag(s)
- Seat belt tensioners
- Seat belt buckle tensioners
- Front impact sensors

After a collision where the side airbag(s) deployed, replace these items:

- SRS unit
- Side impact sensor(s) (first)
- Side impact sensor(s) (second)
- B-pillar lower trim
- Front seat assembly (Impact side)

After a collision where a side curtain airbag deployed, replace the items for the side(s) that deployed:

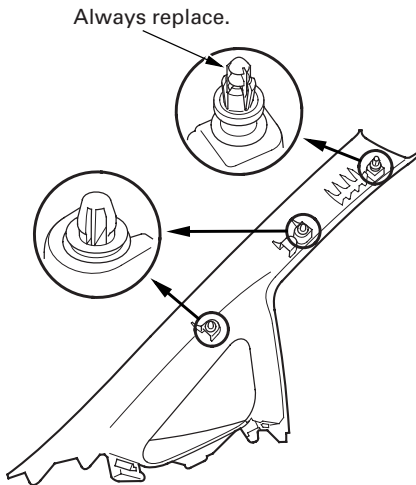
- SRS unit
- Deployed side curtain airbag(s)
- Seat belt tensioner(s)
- Side impact sensor(s) (first)
- Side impact sensor(s) (second)
- Rear safing sensor
- Roof trim
- A-pillar trim
- B-pillar lower trim
- C-pillar trim
- Front grab handle
- Rear grab handle
- All related trim clips
- Sunvisor

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.

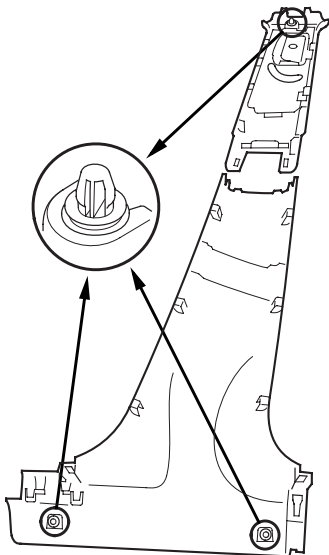
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Component Replacement/Inspection After Deployment (cont'd)

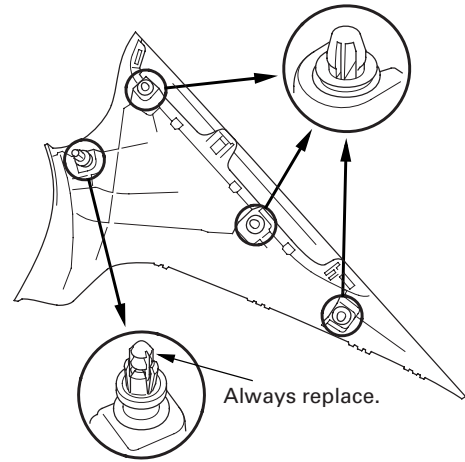
A-Pillar Trim



B-Pillar Trim



C-Pillar Trim



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.

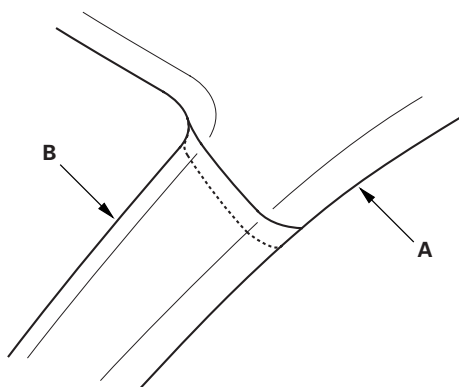
After the vehicle is completely repaired, turn the ignition switch to ON (II). If the SRS indicator comes on for about 6 seconds and then goes off, the SRS is OK. If the indicator does not function properly, use the HDS to read the DTC (see page 24-22). If you cannot retrieve a code, Do the SRS Symptom Troubleshooting.



Checking and Adjusting the Headliner/Pillar Trim Overlap

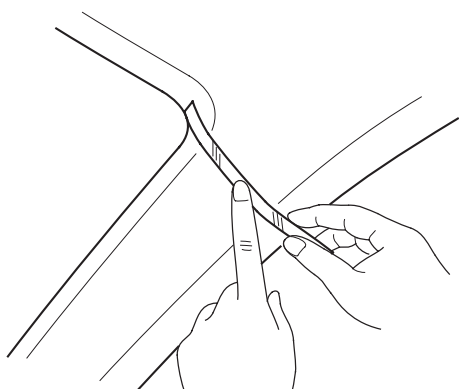
To prevent the side curtain airbag from deploying and damaging the pillar trim, the overlap between the headliner and pillar trim must be less than 15 mm (0.6 in.). To check the overlap, do this:

1. Install the headliner (A) and the pillar trims (B).



This illustration shows the A-pillar.

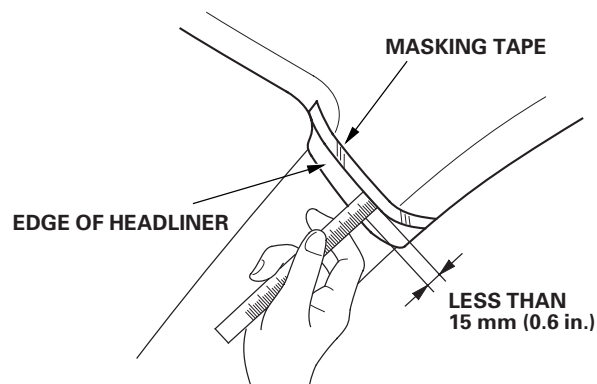
2. Apply masking tape to the headliner to mark the upper edge of each pillar trim.



This illustration shows the A-pillar.

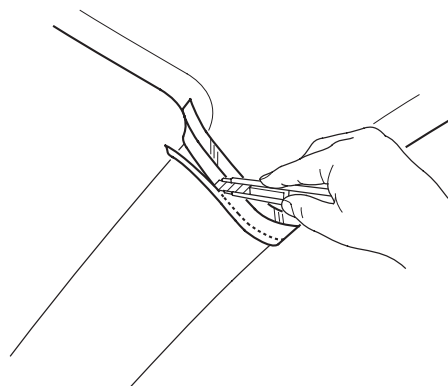
3. Remove the pillar trim, and measure the headliner overlap.

- If the overlap is less than 15 mm (0.6 in.), remove the tape, and install the pillar trim.
- If the overlap is more than 15 mm (0.6 in.), go to step 4.



This illustration shows the A-pillar.

4. Carefully trim the headliner with a utility knife, reducing the overlap to less than 15 mm (0.6 in.).



This illustration shows the A-pillar.

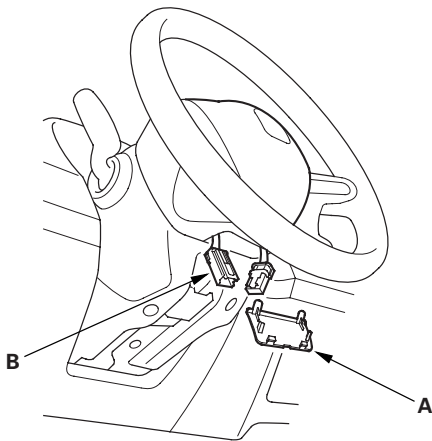
5. Remove the tape, and install the pillar trim.

Driver's Airbag Replacement

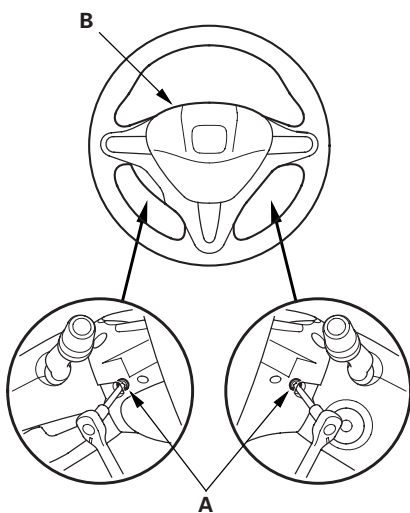
NOTE: If replacing the driver's airbag after deployment, refer to Component Replacement/Inspection After Deployment (see page 24-185) for a complete list of other parts that must also be replaced.

Removal

1. Do the battery terminal disconnection procedure (see page 22-68), then wait at least 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.



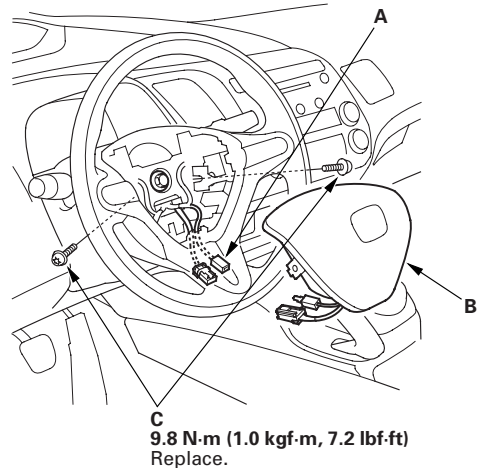
3. Using a TORX T30 bit, remove the two TORX bolts (A) and discard them.



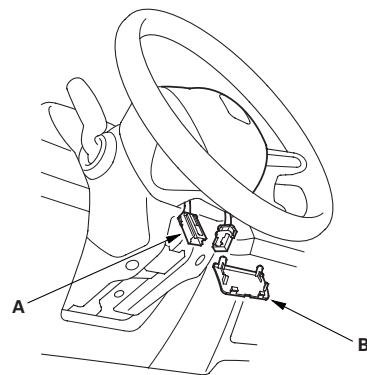
4. Disconnect the horn switch connector (1P), then remove the driver's airbag (B).

Installation

1. Connect the horn switch connector (1P) (A) to the driver's airbag.



2. Place the driver's airbag (B) in the steering wheel, and secure it with new TORX bolts (C).
3. Connect the driver's airbag 4P connector (A) to the cable reel 4P connector, then install the access panel (B) on the steering wheel.



4. Do the battery terminal reconnection procedure (see page 22-68).
5. Clear any DTCs (see page 24-23).
6. After installing the airbag, confirm proper system operation:
 - Turn the ignition switch to ON (II); the SRS indicator should come on for about 6 seconds and then go off.
 - Make sure the horn works.

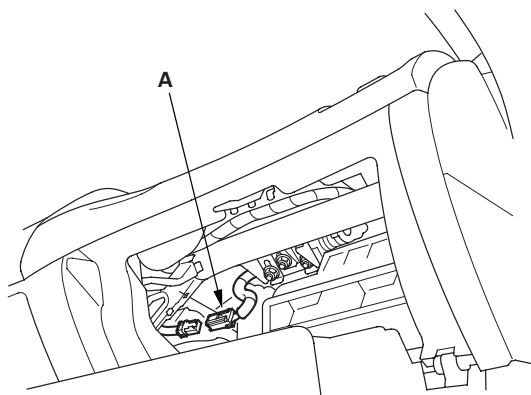


Front Passenger's Airbag Replacement

NOTE: If replacing the front passenger's airbag after deployment, refer to Component Replacement/ Inspection After Deployment (see page 24-185) for a complete list of other parts that must also be replaced.

Removal

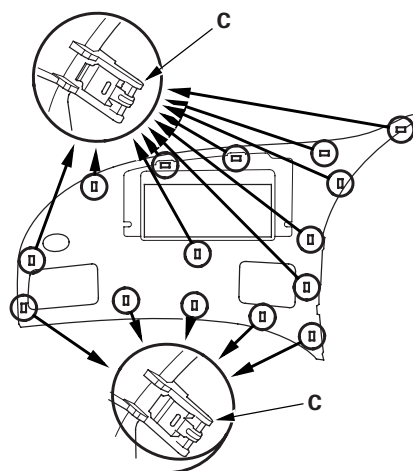
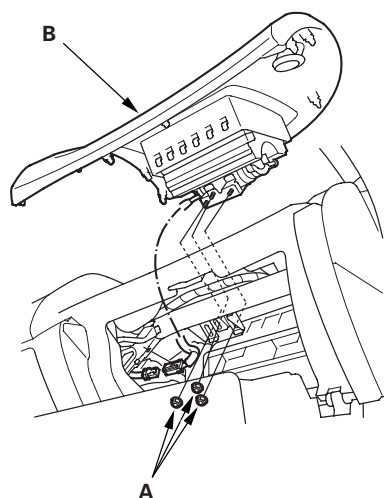
1. Do the battery terminal disconnection procedure (see page 22-68), then wait at least 3 minutes before starting work.
2. Remove the glove box (see page 20-104).
3. Disconnect the front passenger's airbag 4P connector (A) from the dashboard wire harness.



4. Remove the center panel:
 - Navigation unit, with navigation system.
 - '06-08 models (see page 23-256)
 - '09 model (see page 23-355)
 - Audio unit, without navigation system.
 - '06-08 models (see page 23-80)
 - '09 model (see page 23-155)

5. Remove the three mounting nuts (A) from the bracket. Cover the front passenger's lid and dashboard with a cloth, and pry carefully with a screwdriver to lift the front passenger's airbag assembly (B) out of the dashboard. If you replacing only the front passenger's lid, go to step 6.

NOTE: The front passenger's lid has pawls (C) on each side which attach it to the dashboard.



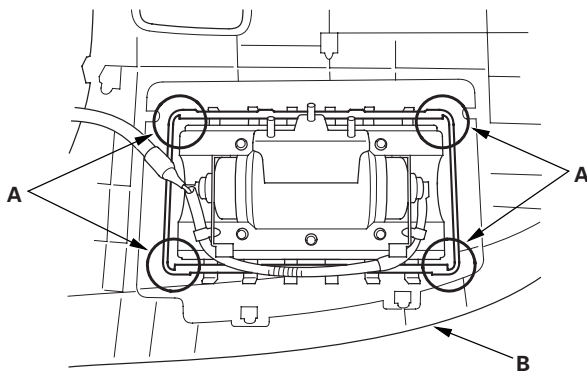
(cont'd)

Front Passenger's Airbag Replacement (cont'd)

- Cut the four parts (A) of the front passenger's lid (B) as shown, and remove the front passenger's airbag.

NOTE:

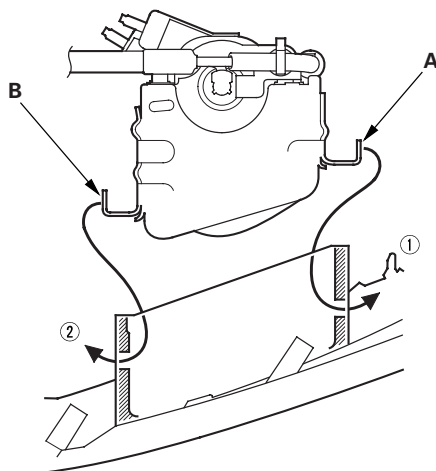
- Always replace the front passenger's lid whenever you remove the front passenger's airbag from the lid.
- Replace the front passenger's airbag if the airbag mounting hooks or its housing is damaged.



- Insert the hooks (A) of the front passenger's airbag housing into the new front passenger's lid, then insert the other hooks (B) into the lid.

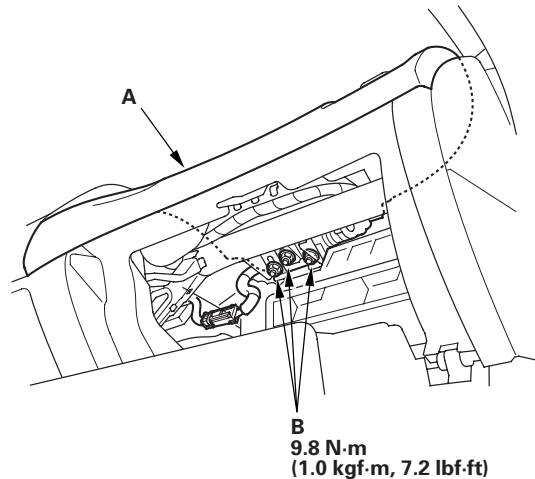
NOTE:

- Make sure there are no objects between the airbag and the front passenger's lid.
- Make sure the airbag is fully seated, and make sure the front passenger's lid is not deformed or damaged after the airbag is in place.
- Do not use tools when detaching the front passenger's airbag in order to protect it.

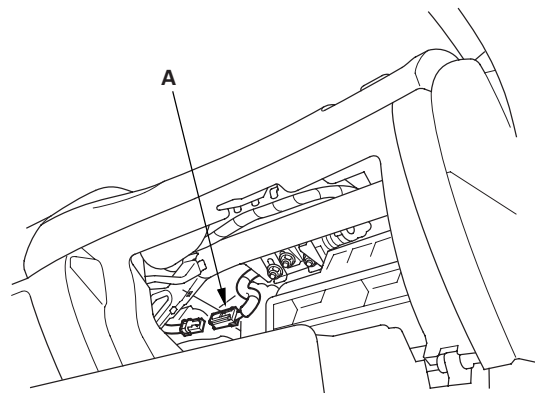


Installation

- Place the front passenger's airbag assembly (A) into the dashboard. Tighten the front passenger's airbag mounting nuts (B).



- Connect the front passenger's airbag 4P connector (A) to dashboard wire harness, then reinstall the glove box and center panel.



- Do the battery terminal reconnection procedure (see page 22-68).
- Clear any DTC (see page 24-23).
- After installing the airbag, confirm proper system operation: Turn the ignition switch to ON (II); the SRS indicator should come on for about 6 seconds and then go off.

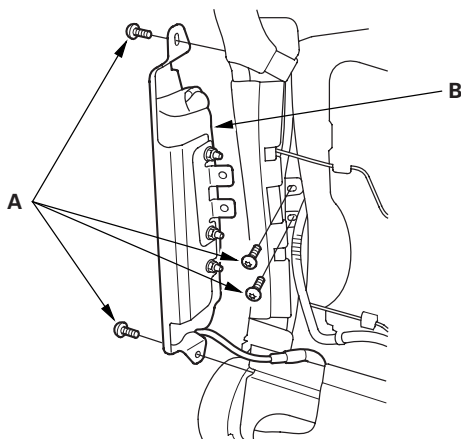


Side Airbag Replacement

NOTE: If replacing the side airbag after deployment, refer to Component Replacement/Inspection After Deployment (see page 24-185) for a complete list of other parts that must also be replaced.

Removal

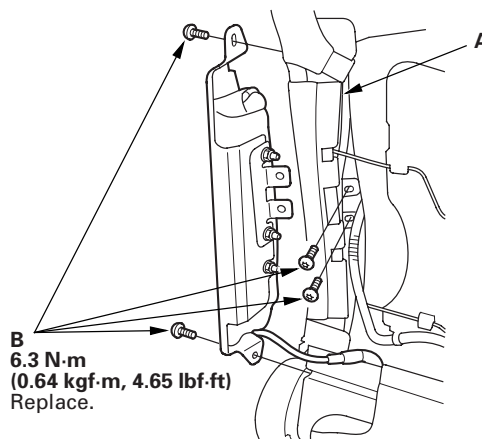
1. Do the battery terminal disconnection procedure (see page 22-68), then wait at least 3 minutes before starting work.
2. Remove the seat assembly (see page 20-118) and seat-back cover (see page 20-123).
3. Remove the mounting screws (A) and the side airbag (B).



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 new mounting screws tightened to the specified torque. When you replace a side airbag, 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 side airbag on the seat-back frame (A). Install new side airbag mounting screws (B).



2. Install the seat-back cover in the reverse order of removal (see page 20-123).
3. Install the seat assembly (see page 20-118).
4. 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.
5. Do the battery terminal reconnection procedure (see page 22-68).
6. Clear any DTCs (see page 24-23).
7. After installing the side airbag, confirm proper system operation: Turn the ignition switch to ON (II); the SRS indicator should come on for about 6 seconds and then go off.

Side Curtain Airbag Replacement

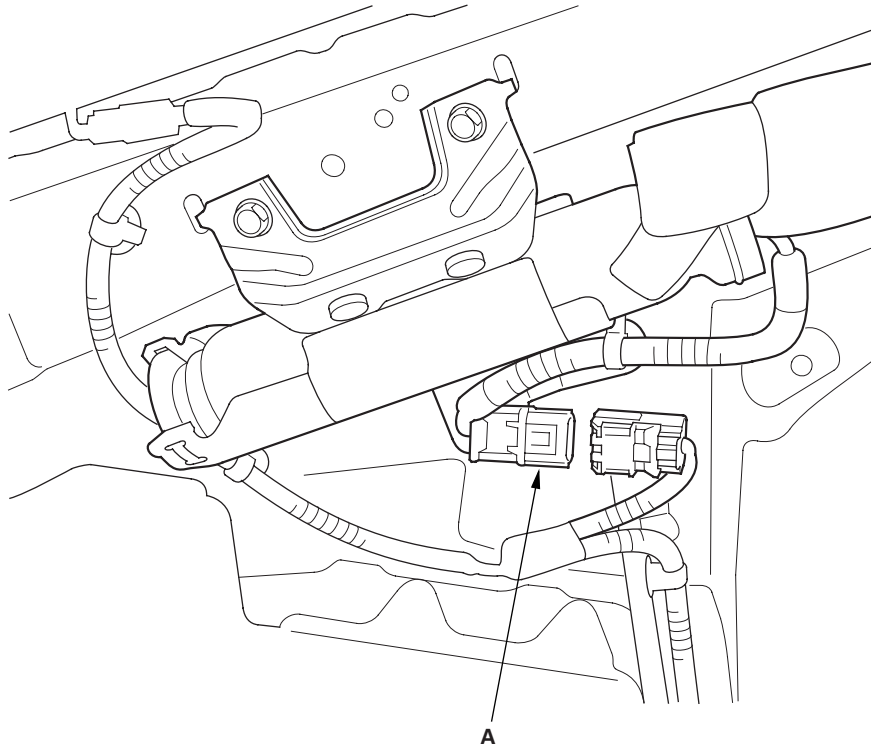
NOTE: If replacing the side curtain airbag after deployment, refer to Component Replacement/Inspection After Deployment (see page 24-185) for a complete list of other parts that must also be replaced.

Removal

NOTE:

- Review the interior trim replacement procedure before doing repair or service (see page 20-69).
- Removal of the side curtain airbag must be done according to the Precautions and Procedures (see page 24-13).
- The side curtain airbag system consists of the side curtain airbag module, including the roof trim, front grab handle, all grab handle brackets and shielding protector. After the side curtain airbag has been deployed, replace these parts (see page 24-185).

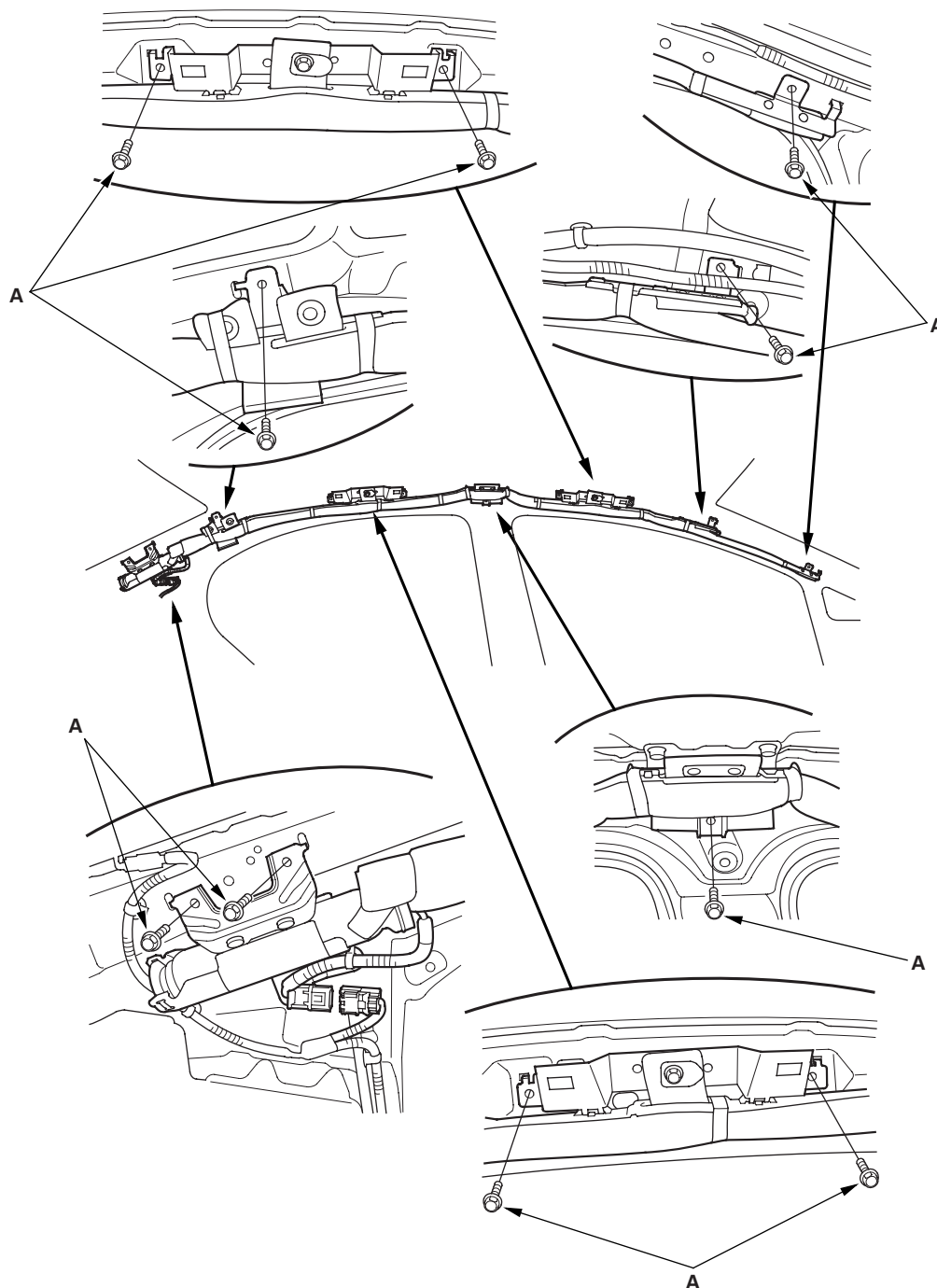
1. Do the battery terminal disconnection procedure (see page 22-68), then wait at least 3 minutes before starting work.
2. Remove the headliner (see page 20-84).
3. Disconnect the side curtain airbag 2P connector (A) from the floor wire harness.



Left side shown; right side is similar.



4. Remove the mounting bolts (A) from the bracket.



Left side shown; right side is similar.

(cont'd)

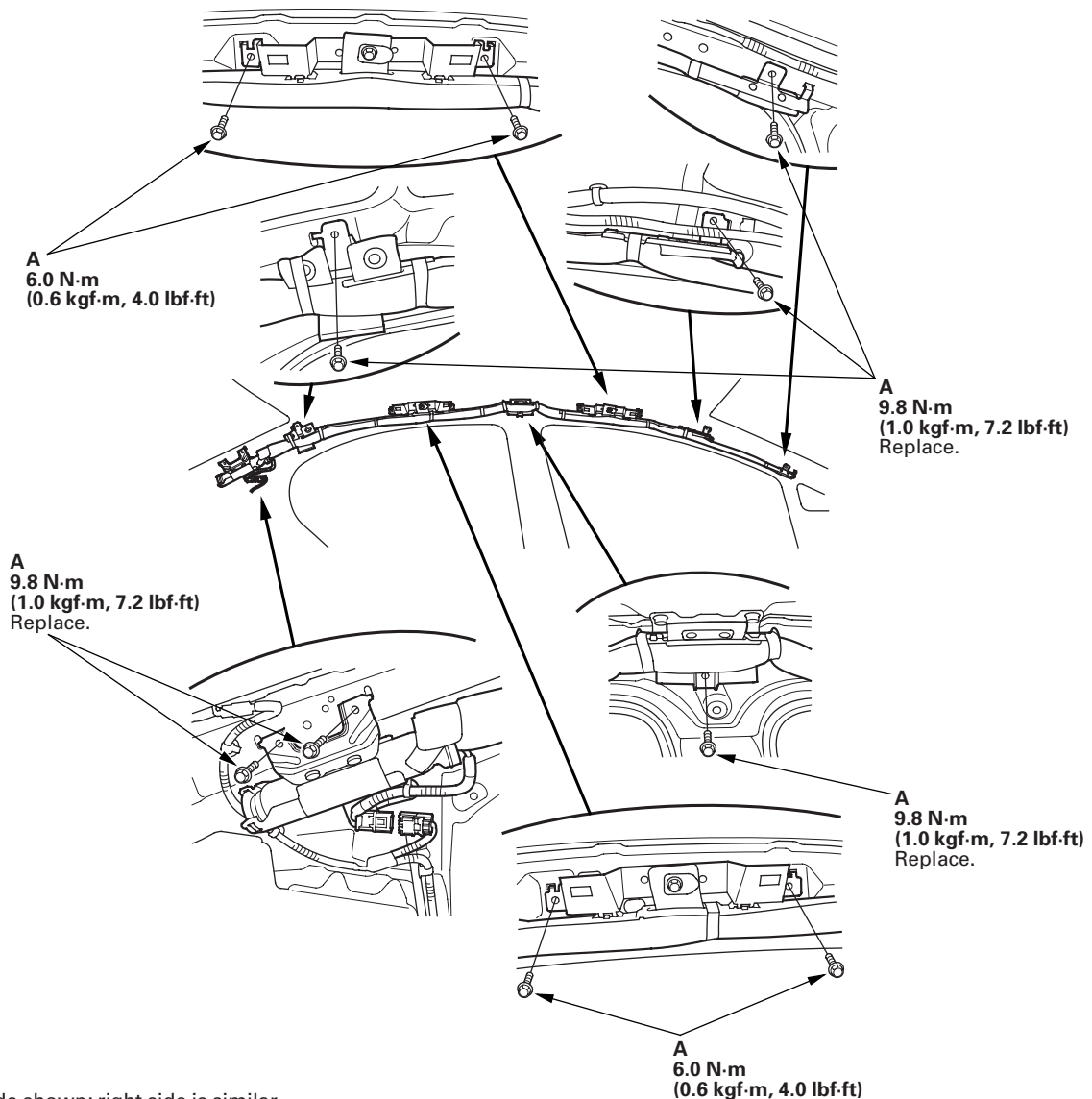
Side Curtain Airbag Replacement (cont'd)

Installation

NOTE:

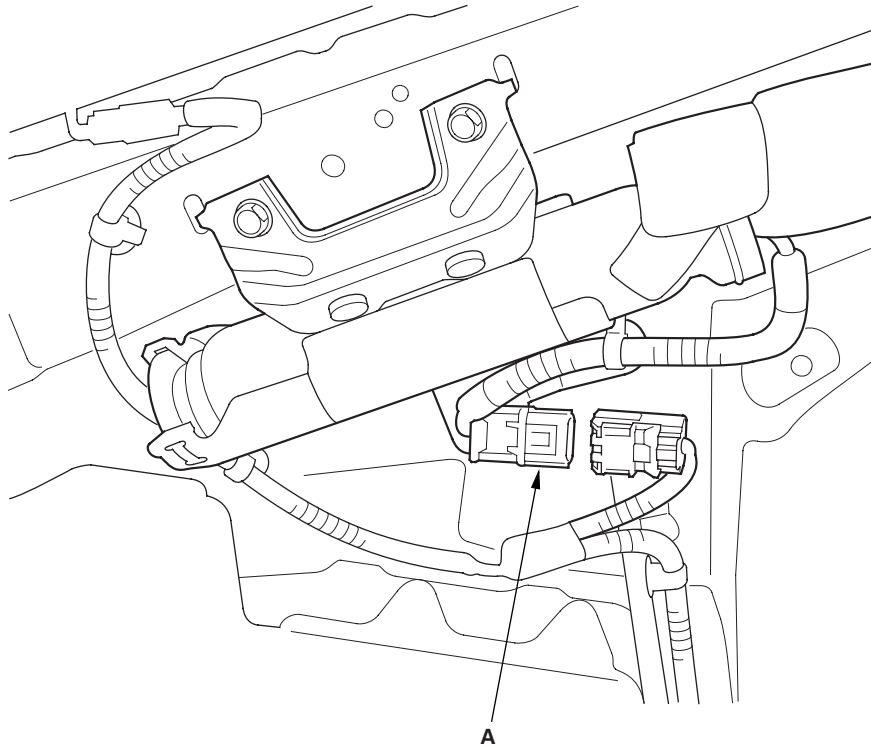
- Installation of the side curtain airbag must be done according to the Precautions and Procedures (see page 24-13).
- If the airbag is frayed, or has only other visible damage, replace it. Do not attempt to repair an airbag.
- When you install the airbag, make sure it is not twisted, and that it is 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 accidentally deploy and cause damage or injuries.
- If there is any damage to the side curtain airbag, do not try to repair it. Replace any damaged side curtain airbag.

1. Place the side curtain airbag assembly on the side of the roof. Tighten the side curtain airbag mounting bolts (A).





2. Connect the side curtain airbag 2P connector (A) to the floor wire harness.



Left side shown; right side is similar.

3. Do the battery terminal reconnection procedure (see page 22-68).
4. Clear any DTCs (see page 24-23).
5. After installing the side curtain airbag, confirm proper system operation: Turn the ignition switch to 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 page 24-187).

Airbag and Tensioner Disposal

Special Tools Required

Deployment tool 07HAZ-SG00500

Before scrapping any airbags, side airbags, side curtain airbags, seat belt tensioners, or seat belt buckle tensioner (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 Honda District Parts and Service Manager must give approval and/or special instructions 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.

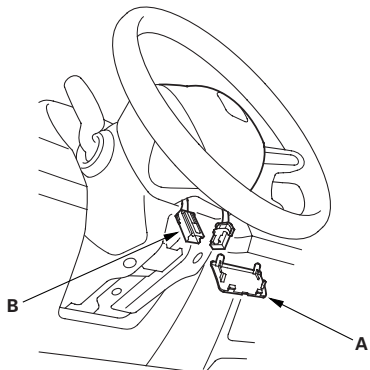
Deploying Airbags in the Vehicle

If an SRS equipped vehicle is to be entirely scrapped, its airbags, side airbags, side curtain airbags, seat belt tensioners, and seat belt buckle tensioner 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 to LOCK (0), then disconnect the negative cable from the battery, then wait at least 3 minutes before starting work.
2. Confirm that each airbag, side airbag, side curtain airbag, seat belt tensioner, or seat belt buckle tensioner is securely mounted.
3. Confirm that the deployment tool is functioning properly by following the check procedure on the tool label.

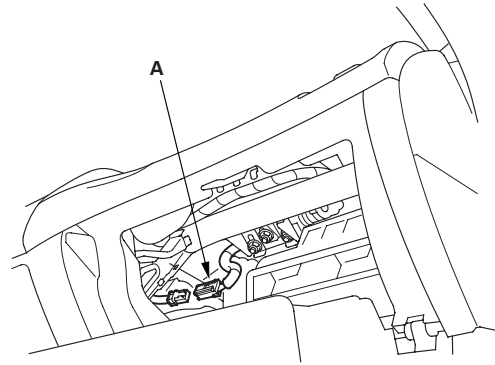
Driver's Airbag

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



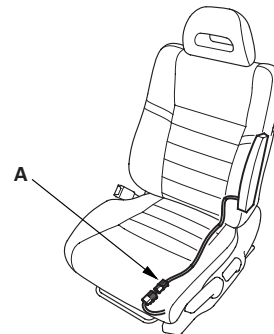
Front Passenger's Airbag

5. Remove the glove box, then disconnect the front passenger's airbag 4P connector (A) from the dashboard wire harness.



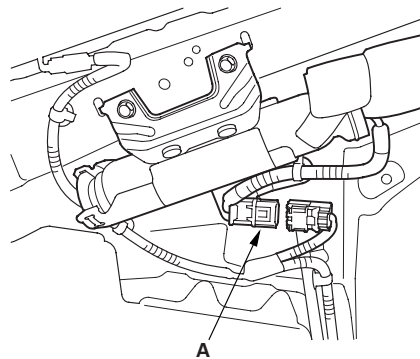
Side Airbag

6. Disconnect the side airbag 2P connector (A) from the floor wire harness.



Side Curtain Airbag

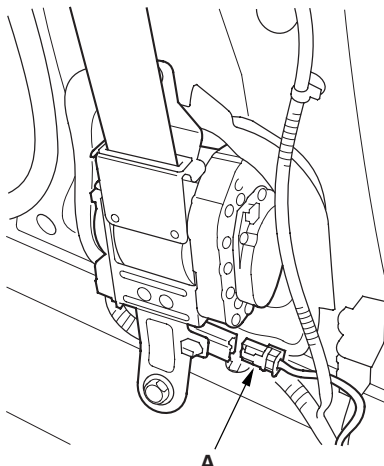
7. Disconnect the floor wire harness 2P connector from the side curtain airbag (A).





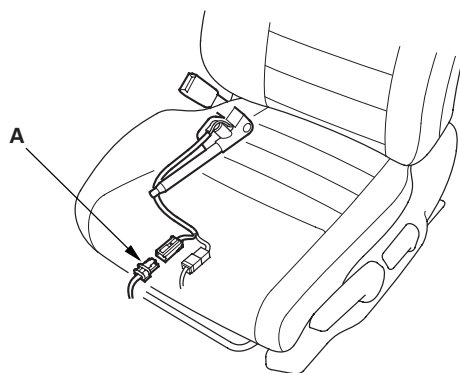
Seat Belt Tensioner

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.



Seat Belt Buckle Tensioner

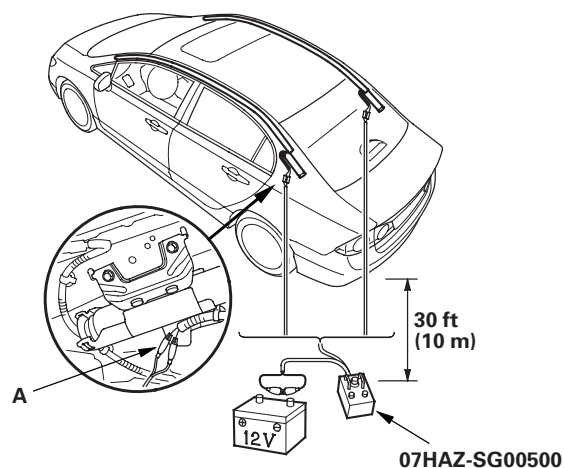
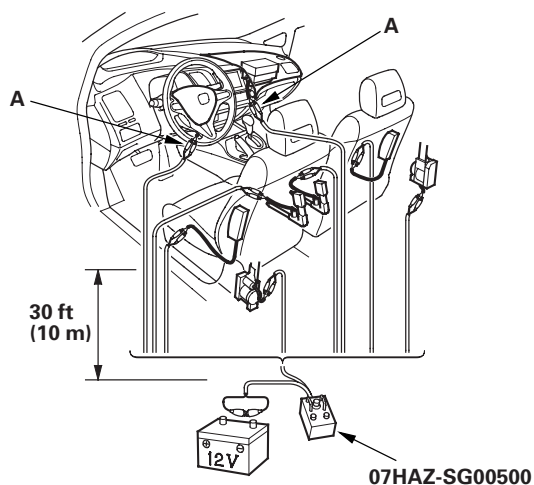
9. Disconnect the floor wire harness 2P connector (A) from the seat belt buckle tensioner.



10. Cut off each connector, and strip the ends of the wires. Twist each pair of unlike colored wires together, and clip an alligator clips (A) from the deployment tool to each pair.

NOTE:

- Place the deployment tool at least 30 ft (10 m) away from the vehicle.
- The driver's and front passenger's airbags have dual inflators. Twist each pair of unlike colored wires together, and clip an alligator clip to each pair.



(cont'd)

Airbag and Tensioner Disposal (cont'd)

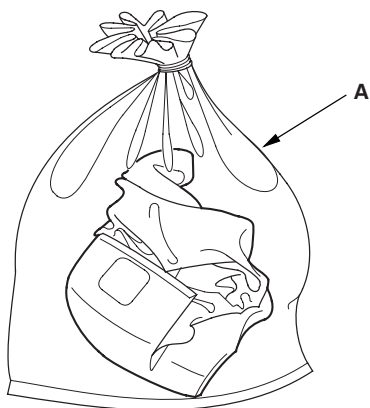
11. Connect a 12 V battery to the tool.

- 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.

12. 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).

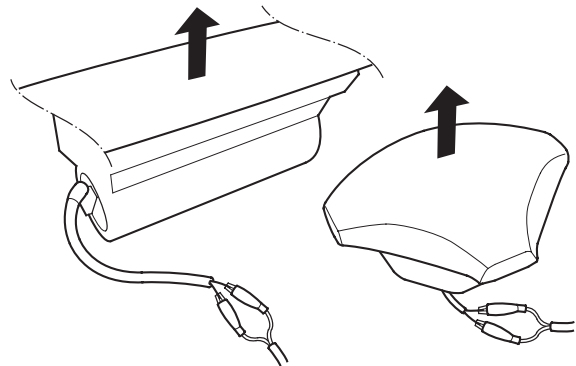
- If the components deploy and the green light on the tool comes on, continue with this procedure.
- If a component does not deploy, and the green light comes ON, its igniter is defective. Go to Disposal of Damaged Components.
- During deployment, the airbags can become hot enough to burn you. Wait for 30 minutes after deployment before touching the airbags.

13. 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.



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:



1. Confirm that the deployment tool is functioning properly by following the check procedure Deploying Airbags in the Vehicle on the tool label.
2. Position the airbag face up, outdoors, on flat ground, at least 30 ft (10 m) from any obstacles or people.
3. Follow steps 10 through 13 of the in-vehicle deployment procedure.

NOTE: The driver's and front passenger's airbags have dual inflators. Twist each pair of unlike colored wires together, and clip an alligator clip to each pair.



Disposal of Damaged Components

1. If installed in a vehicle, follow the removal procedure for the driver's airbag (see page 24-188), front passenger's airbag (see page 24-189), side airbag (see page 24-191), side curtain airbag (see page 24-192), seat belt tensioner (see page 24-4), and seat belt buckle tensioner (see page 24-6).

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, or 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 instructions on how and where to return it for disposal.

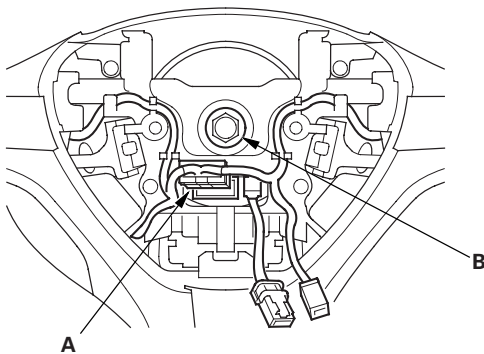
Deployment Tool Check

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

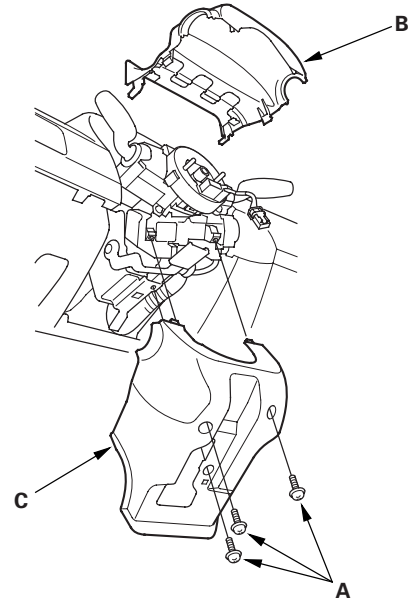
Removal

1. Make sure the front wheels are aligned straight ahead.
2. Do the battery terminal disconnection procedure (see page 22-68), then wait at least 3 minutes before starting work.
3. Remove the driver's airbag (see page 24-188).
4. Disconnect the connector (A) from the cable reel, then remove the steering wheel bolt (B).



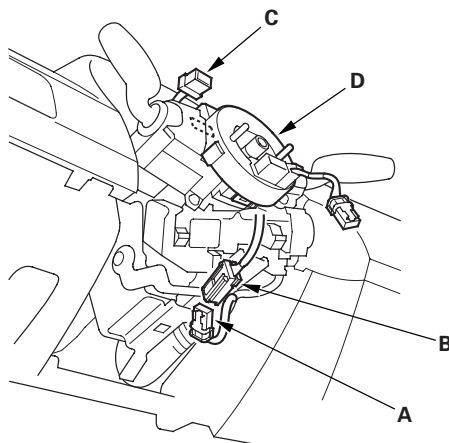
5. Confirm that the front wheels point straight ahead, then remove the steering wheel with a steering wheel puller (see step 5 on page 17-6). Do not tap on the steering wheel or steering column shaft when removing the steering wheel.

6. Remove the driver's undercover (see page 20-103).
7. Remove the column cover screws (A), then remove the column covers (B, C).

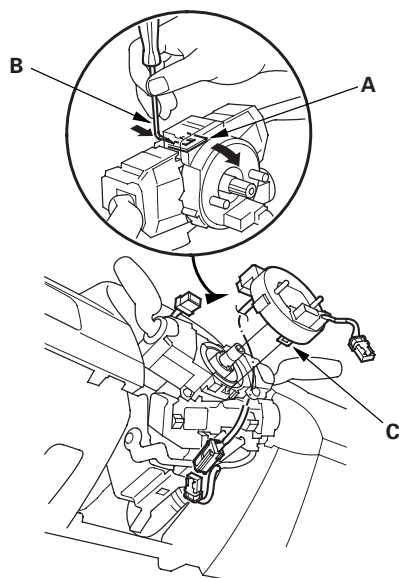




8. Disconnect the dashboard wire harness 4P connector (A) from the cable reel 4P connector (B), then disconnect the dashboard wire harness 20P connector (C) from the cable reel (D).

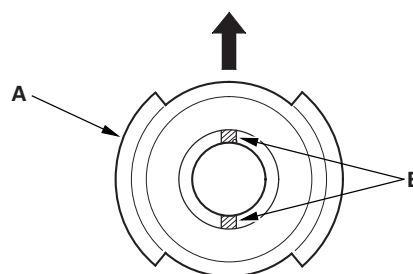


9. Release the lock tab (A) under the cable reel connector with a 90 ° hook shaped tool (B). Slide the tool below the cable reel connector just above the lock tab. Release the lower lock tab (C), and slide the cable reel off the column.

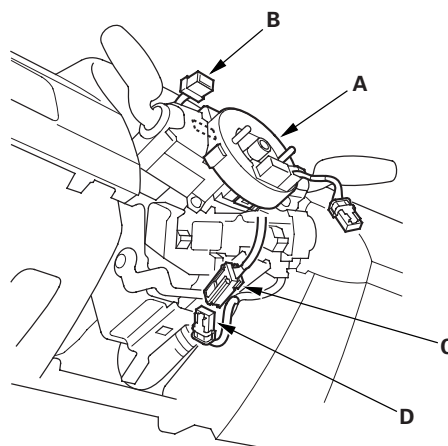


Installation

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 at least 3 minutes before starting work.
3. Set the turn signal canceling sleeve (A) so that the projections (B) are aligned vertically.



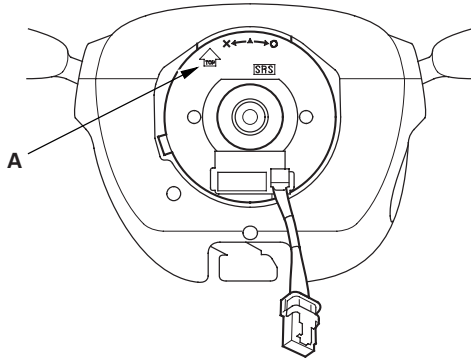
4. Carefully install the cable reel (A) on the steering column shaft. Then connect 20P connector (B) to the cable reel, and connect the 4P connector (C) to the dashboard wire harness 4P connector (D).



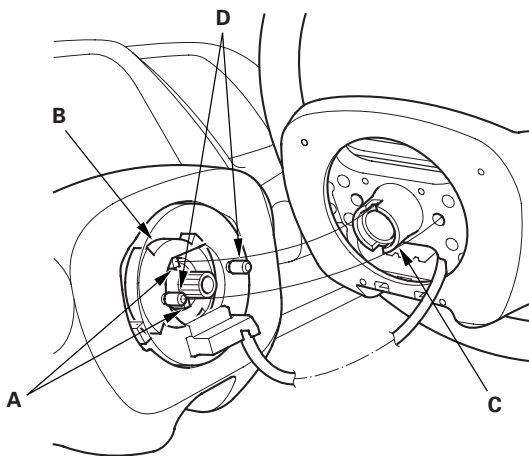
(cont'd)

Cable Reel Replacement (cont'd)

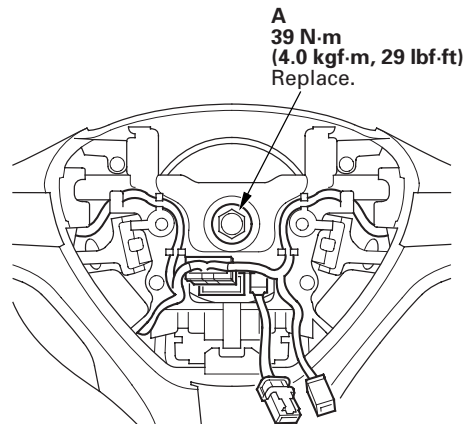
5. Install the steering column covers.
6. If necessary, center the cable reel (new replacement cable reels come centered). Do this by first rotating the cable reel clockwise until it stops. Then rotate it counterclockwise (about three turns) until the arrow mark (A) on the cable reel label points straight up.



7. Position the two tabs (A) of the turn signal canceling sleeve (B) as shown, and install the steering wheel on to the steering column shaft, making sure the steering wheel hub (C) engages the pins (D) of the cable reel and tabs of the turn signal canceling sleeve. Do not tap on the steering wheel or steering column shaft when installing the steering wheel.



8. Install a new steering wheel bolt (A), then reconnect the connectors.



9. Install the driver's airbag (see page 24-188).
10. Do the battery terminal reconnection procedure (see page 22-68).
11. Clear any DTCs (see page 24-23).
12. After installing the cable reel, confirm proper system operation:
 - Turn the ignition switch to 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 steering wheel switches work properly.

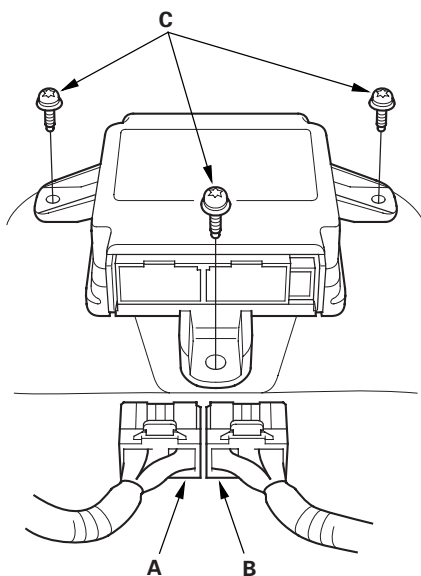


SRS Unit Replacement

Removal

NOTE: If you are disconnecting only SRS unit connector A, skipstep 2.

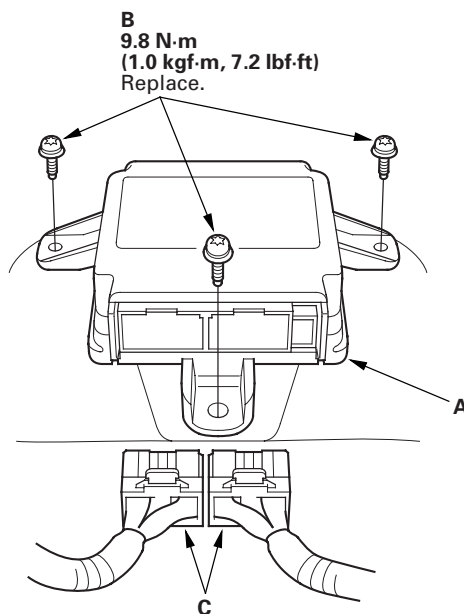
1. Do the battery terminal disconnection procedure (see page 22-68), then wait at least 3 minutes before starting work.
2. Disconnect both seat belt tensioner connectors (see page 24-21) and both seat belt buckle tensioner connectors (see page 24-21).
3. Remove the center console (see page 20-92).
4. Disconnect SRS unit connector A (28P), B (28P) and remove the TORX bolts (C), then pull out the SRS unit.



Installation

1. Install the SRS unit (A) with new 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 its bracket before torquing the TORX bolt.



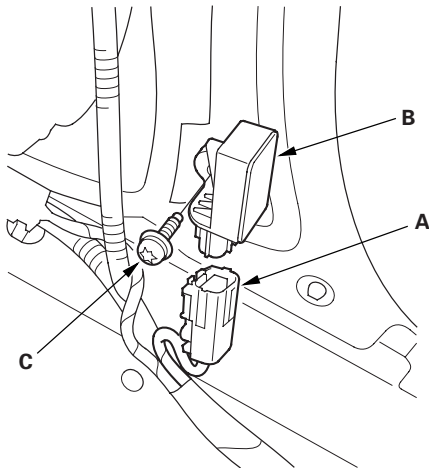
2. Reconnect both seat belt tensioner connectors (see page 24-21) and both seat belt buckle tensioner connector (see page 24-21).
3. Do the battery terminal reconnection procedure (see page 22-68).
4. Calibrate the ODS unit (see page 24-27).
5. Do the ODS unit operation check (see page 24-28).
6. Confirm proper SRS operation: Turn the ignition switch to ON (II); the SRS indicator should come on for about 6 seconds and then go off.
7. Reinstall all removed parts.

Side Impact Sensor (First) Replacement

NOTE: Review the seat replacement procedure (see page 20-118) before doing repairs or service.

Removal

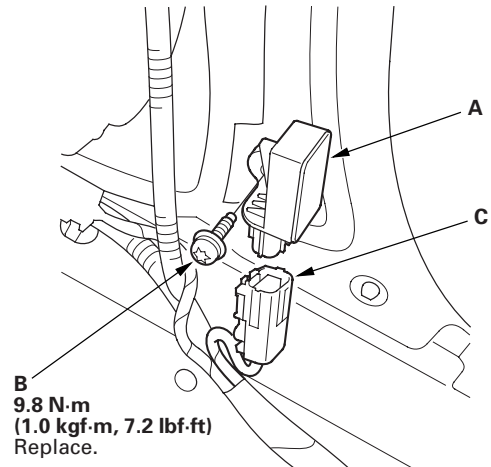
1. Do the battery terminal disconnection procedure (see page 22-68), then wait at least 3 minutes before starting work.
2. Remove the front seat assembly (see page 20-118).
3. Remove the front door sill inner trim (see page 20-66).
4. Remove the lower B-pillar lower trim panel (see page 20-69).
5. Disconnect the floor wire harness 4P connector (A) from the side impact sensor (first) (B).



6. Using a TORX T30 bit, remove the TORX bolt (C), then remove the side impact sensor (first).

Installation

1. Install the side impact sensor (first) (A) with a new TORX bolt (B), then connect the floor wire harness 4P connector (C) to the side impact sensor (first).



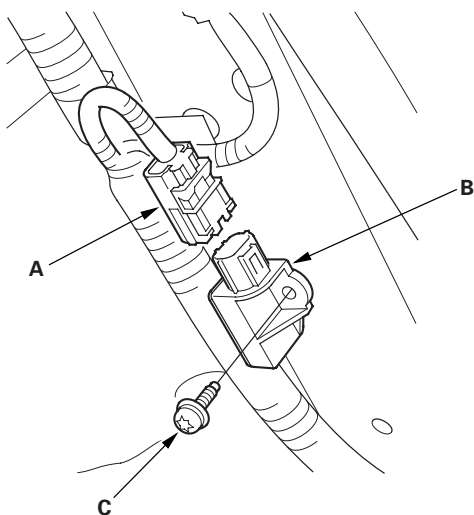
2. Do the battery terminal reconnection procedure (see page 22-68).
3. Reinstall all removed parts.
4. Clear any DTCs (see page 24-23).
5. Confirm proper operation: Turn the ignition switch to ON (II); the SRS indicator should come on for about 6 seconds and then go off.



Side Impact Sensor (Second) Replacement

Removal

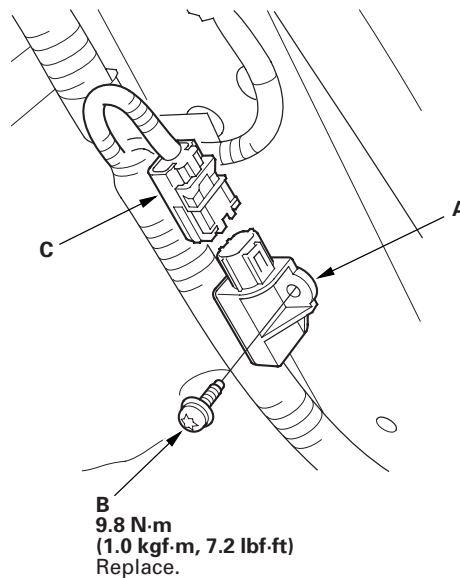
1. Do the battery terminal disconnection procedure (see page 22-68), then wait at least 3 minutes before starting work.
2. Remove the rear seat and seat side bolster (see page 20-131).
3. Disconnect the floor wire harness 2P connector (A) from the side impact sensor (second) (B).



4. Remove the TORX bolt (C) using a TORX T30 bit, then remove the side impact sensor (second).

Installation

1. Install the side impact sensor (second) (A) with a new TORX bolt (B) then connect floor wire harness 2P connector (C) to the side impact sensor (second).

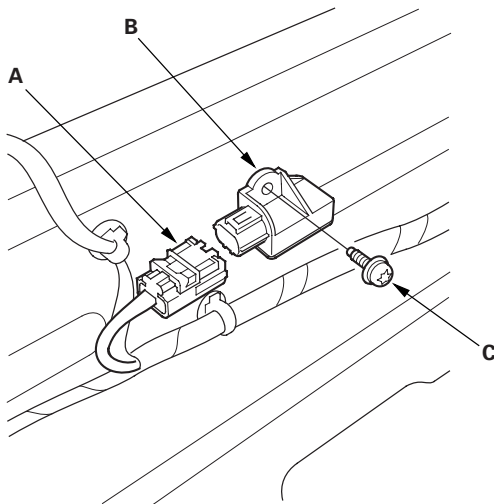


2. Do the battery terminal reconnection procedure (see page 22-68).
3. Clear any DTCs (see page 24-23).
4. Reinstall all removed parts.
5. Confirm proper operation: Turn the ignition switch to ON (II); the SRS indicator should come on for about 6 seconds and then go off.

Rear Safing Sensor Replacement

Removal

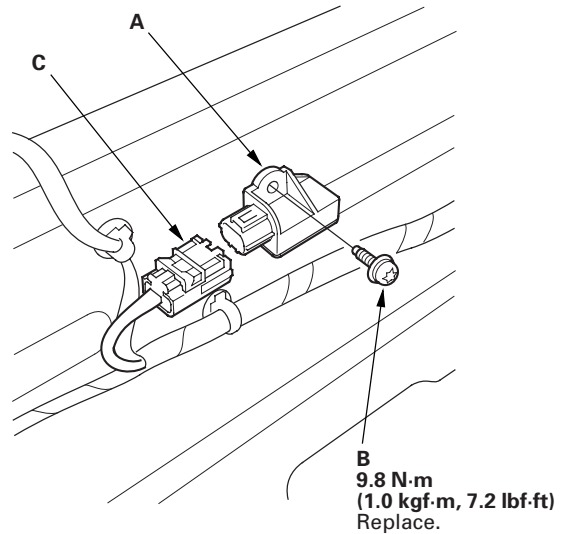
1. Do the battery terminal disconnection procedure (see page 22-68), then wait at least 3 minutes before starting work.
2. Remove the rear seat (see page 20-131).
3. Disconnect the floor wire harness 2P connector (A) from the rear safing sensor (B).



4. Using a TORX T30 bit, remove the TORX bolt (C), then remove the rear safing sensor.

Installation

1. Install the rear safing sensor (A) with a new TORX bolt (B) then connect the floor wire harness 2P connector (C) to the rear safing sensor.



2. Do the battery terminal reconnection procedure (see page 22-68).
3. Clear any DTCs (see page 24-23).
4. Reinstall all removed parts.
5. Confirm proper operation: Turn the ignition switch to ON (II); the SRS indicator should come on for about 6 seconds and then go off.



Front Passenger's Weight Sensor Replacement

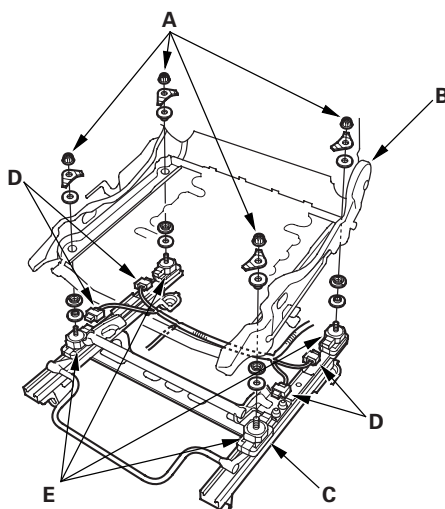
Special Tools Required

Pin driver, 3.5 mm 07744-0010300

Removal

NOTE: Removal of the front passenger's weight sensors must be done according to Precautions and Procedures (see page 24-13).

1. Do the battery terminal disconnection procedure (see page 22-68), then wait at least 3 minutes before starting work.
2. Remove the front passenger's seat assembly (see page 20-118).
3. Remove the cushion cover/pad from the seat cushion frame (see page 20-127).
4. Using a TORX E18 socket, remove the TORX nuts (A) attaching the seat track (B) to the seat slide assembly including all four front passenger's weight sensors (C).

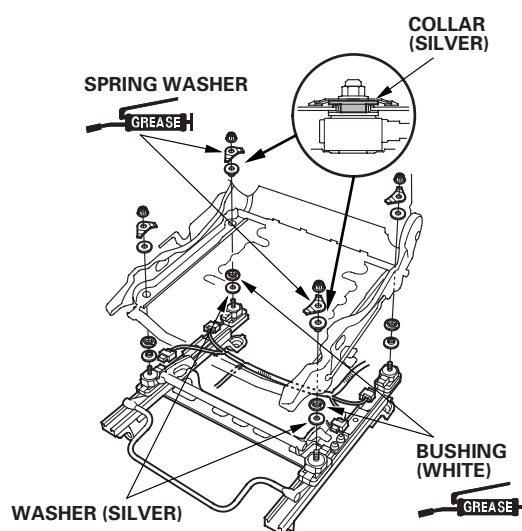
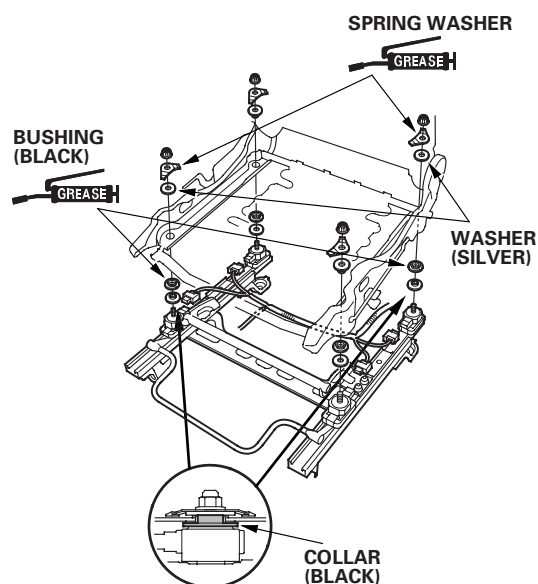


5. Disconnect the sensor connectors (D) from the seat weight sensors (E), then remove the front passenger's weight sensors.

Installation

NOTE: Be sure to install the wire harness so they are not pinched or interfering with other parts.

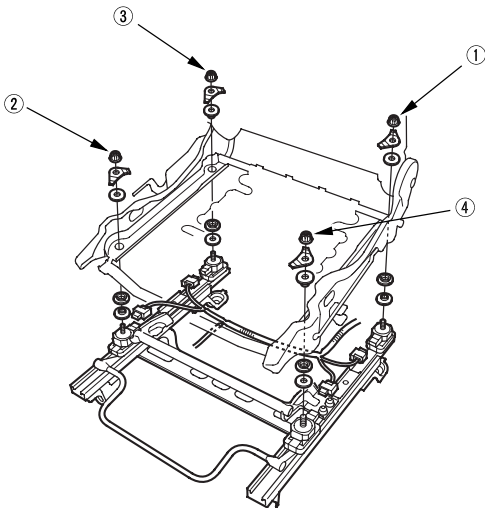
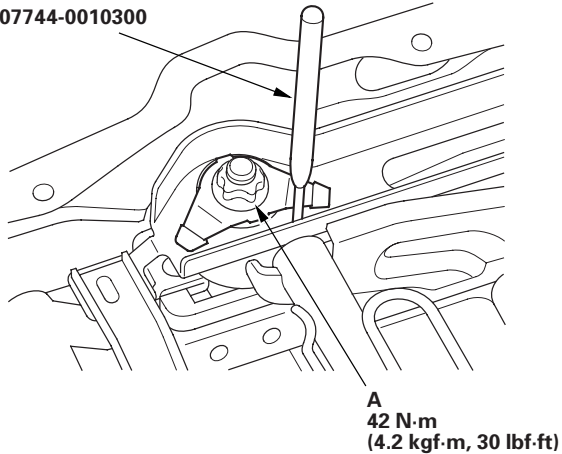
1. Install the new front passenger's seat slide assembly including all four front passenger's weight sensors with under the seat track.
2. Apply multipurpose grease to the spring washer and bushing.



(cont'd)

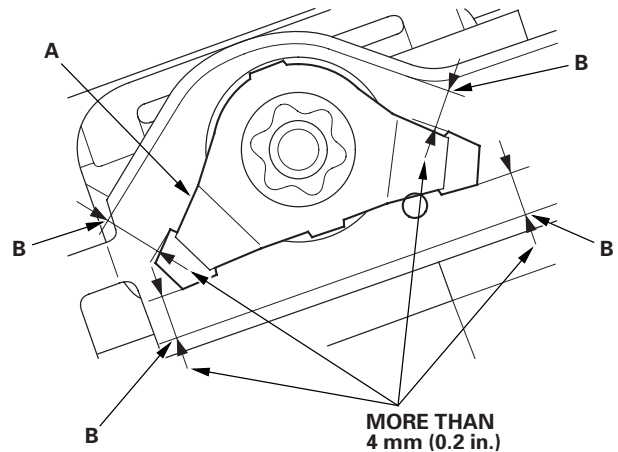
Front Passenger's Weight Sensor Replacement (cont'd)

3. Insert the special tool into the hole in the cushion frame to position the spring washers, then tighten the TORX nuts (A). Begin with ①, and tighten them in crisscross pattern in two or more steps.



4. Using the pin driver to position the spring washer's, torque the TORX nuts in the sequence shown in two or more steps.

5. Make sure the gap between the spring washer (A) and the seat track (B) is more than 4 mm (0.2 in.) as shown.



6. Reassemble the front passenger's seat cushion cover/pad (see page 20-127).
7. Reinstall the front passenger's seat (see page 20-118).
8. Do the battery terminal reconnection procedure (see page 22-68).
9. Calibrate the ODS unit (see page 24-27).
10. Clear any DTCs (see page 24-23).
11. Confirm proper operation: Turn the ignition switch to ON (II); the SRS indicator should come on for about 6 seconds and then go off.

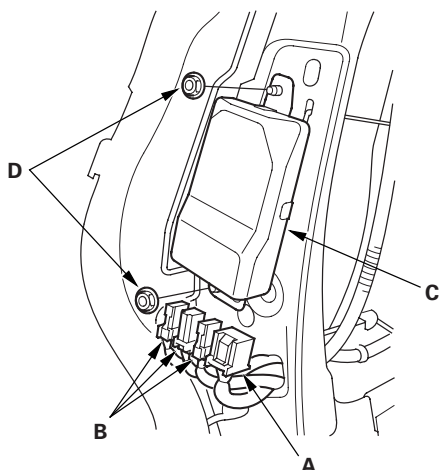


ODS Unit Replacement

NOTE: Review the seat replacement procedure (see page 20-118) before doing repairs or service.

Removal

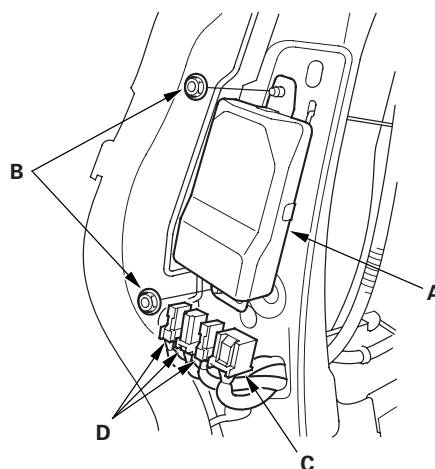
1. Do the battery terminal disconnection procedure (see page 22-68), then wait at least 3 minutes before starting work.
2. Remove the passenger's seat assembly (see page 20-118) and seat-back cover (see page 20-127).
3. Disconnect the ODS unit 18P connector (A) and OPDS sensor connectors (B) from the ODS unit (C).



4. Remove the two nuts (D) and the ODS unit.

Installation

1. Place the ODS unit (A) on the seat-back frame. Tighten the two nuts (B), and connect the ODS unit harness 18P connector (C) and OPDS sensor connectors (D) to the ODS unit.

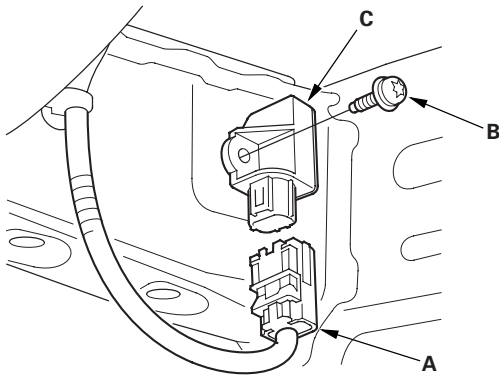


2. Install the seat-back cover in the reverse order of removal.
3. Do the battery terminal reconnection procedure (see page 22-68).
4. Set the seat-back in the normal position, and make sure there is nothing on the front passenger's seat.
5. Initialize the ODS unit (see page 24-26).
6. Clear any DTCs (see page 24-23).
7. Confirm proper system operation: Turn the ignition switch to ON (II); the SRS indicator should come on for about 6 seconds and then go off.

Front Impact Sensor Replacement

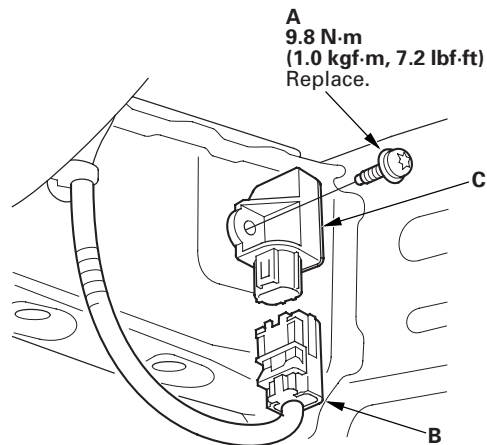
Removal

1. Do the battery terminal disconnection procedure (see page 22-68), then wait at least 3 minutes before starting work.
2. Remove the front inner fender (see page 20-171).
3. Remove the washer reservoir (see page 22-234).
4. Remove the intake air resonator:
 - K20Z2 engine (see page 11-346)
 - K20Z3 engine (see page 11-347)
5. Disconnect the engine compartment wire harness 2P connector (A). Using a TORX T30 bit, remove the TORX bolt (B), then remove the front impact sensor (C). Discard the bolt.



Installation

1. Install the front impact sensor with a new TORX bolt (A), then connect the engine compartment wire harness 2P connector (B) to the front impact sensor (C).



2. Do the battery terminal reconnection procedure (see page 22-68).
3. Clear any DTCs (see page 24-23).
4. Confirm proper operation: Turn the ignition switch to ON (II); the SRS indicator should come on for about 6 seconds and then go off.
5. Reinstall all removed parts.



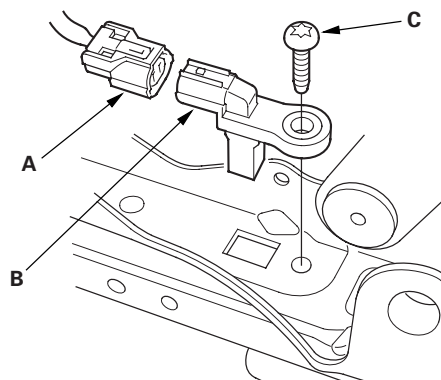
Driver's Seat Position Sensor Replacement

Removal

NOTE:

- Removal of the driver's seat position sensor must be done according Precautions and Procedures (see page 24-13).
- Do not turn the ignition switch to ON (II), and do not connect the battery cable while removing the driver's seat position sensor.

1. Do the battery terminal disconnection procedure (see page 22-68), then wait at least 3 minutes before starting work.
2. Remove the driver's seat assembly (see page 20-118).
3. Disconnect the seat position sensor harness 2P connector (A) from the driver's seat position sensor (B).



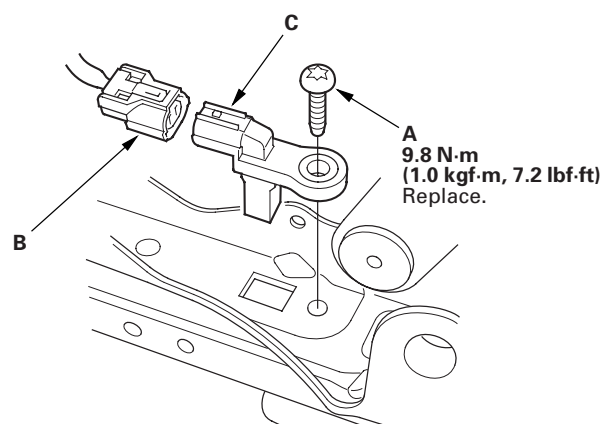
4. Using a TORX T30 bit, remove the TORX bolt (C), then remove the driver's seat position sensor.

Installation

NOTE:

- Be sure to install the harness so it does not pinched or interfere with other parts.
- Do not turn the ignition switch to 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.

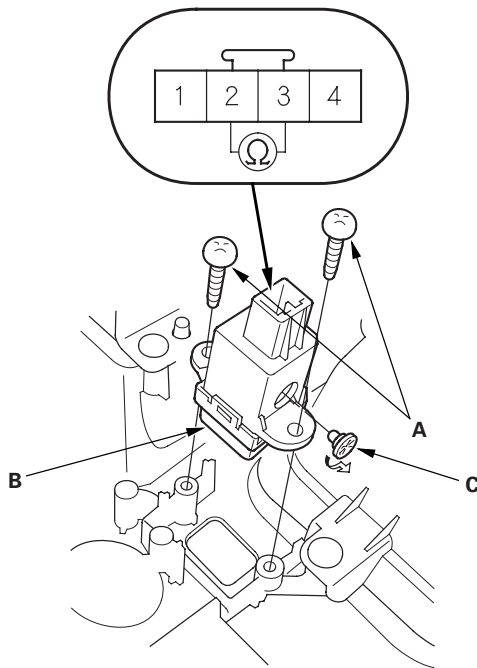
1. Install the driver's seat position sensor with a new TORX bolt (A), then connect the seat position sensor harness 2P connector (B) to the driver's seat position sensor (C).



2. Install the driver's seat assembly (see page 20-118).
3. Do the battery terminal reconnection procedure (see page 22-68).
4. Clear any DTCs (see page 24-23).
5. Check the operation of the driver's seat position sensor with the HDS (see page 24-29).

Passenger's Airbag Cutoff Indicator Illumination Bulb Test/Replacement

1. Remove the center panel:
 - Navigation unit, with navigation system.
 - '06-08 models (see page 23-256)
 - '09 model (see page 23-355)
 - Audio unit, without navigation system.
 - '06-08 models (see page 23-80)
 - '09 model (see page 23-155)
2. Remove the screws (A) and the passenger's airbag cutoff indicator (B) from the center panel.



3. Check for continuity between the No. 2 and No. 3 terminals of the indicator. If there is no continuity, replace the bulb (C).
4. Reinstall the parts in the reverse order of removal.