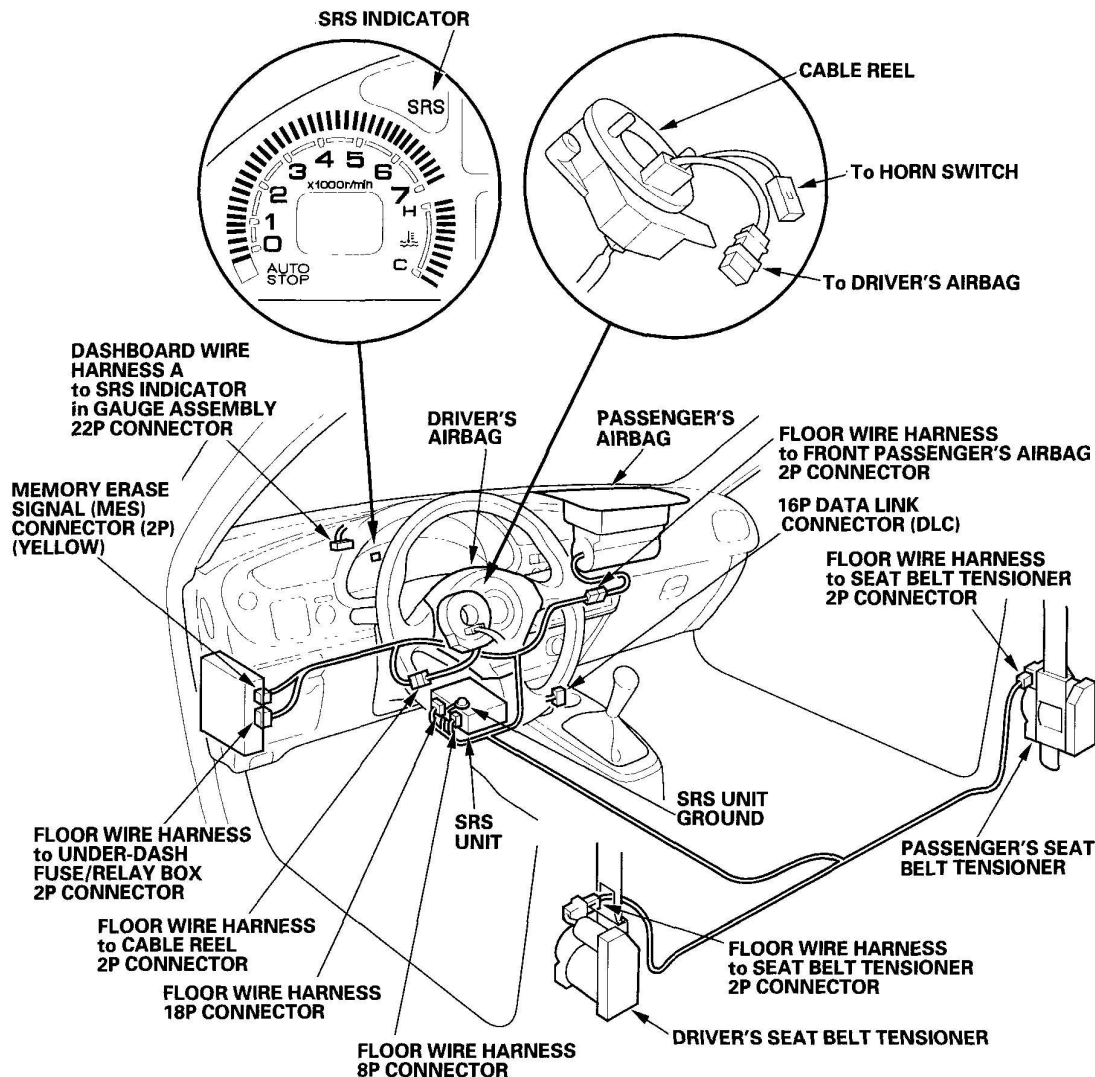


## 2000-06 RESTRAINTS

### SRS (Supplemental Restraint System) - Insight

## COMPONENT LOCATION INDEX



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**Fig. 1: Identifying Supplemental Restraint System Components Location**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

## PRECAUTIONS AND PROCEDURES

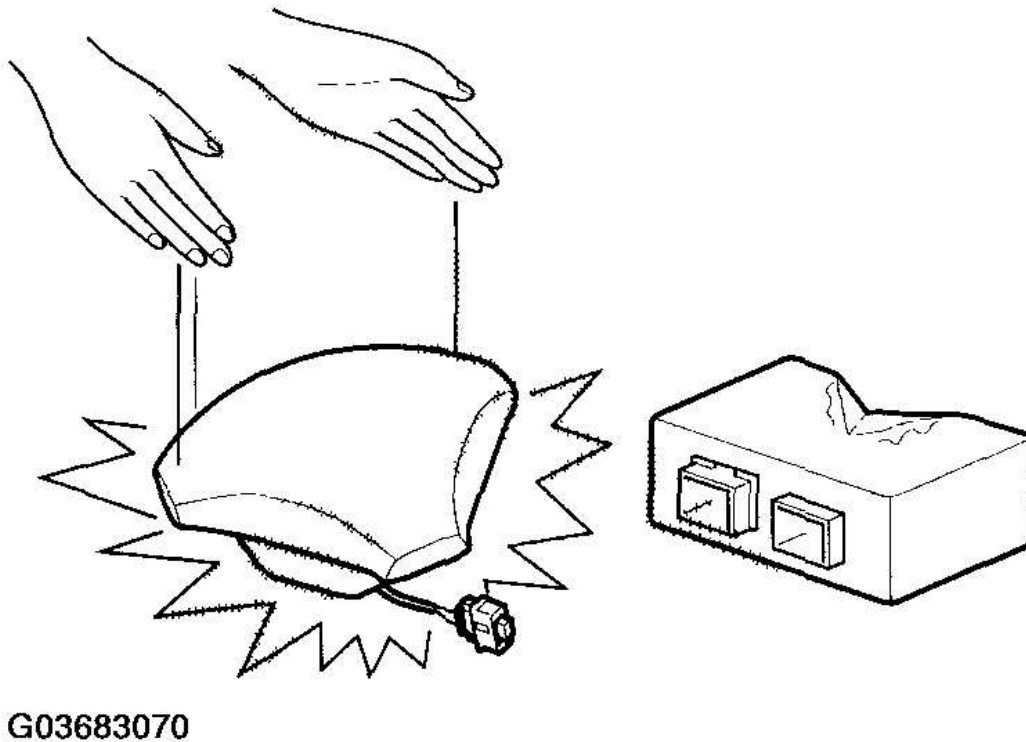
### GENERAL PRECAUTIONS

Please read the following precautions carefully before performing the airbag system service. Observe the instructions described in this manual, or the airbags could accidentally deploy and cause damage or injuries.

- Except when performing electrical inspections, always turn the ignition switch OFF and disconnect the negative cable from the battery, and wait at least 3 minutes before beginning work.

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

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



**Fig. 2: Precaution While Handling SRS Parts**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

- Before removing any of the SRS parts (including disconnection of the connectors), always disconnect the airbag and seat belt tensioner 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 passenger's airbag.
- After reconnecting the battery negative cable, if the IMA battery level gauge (BAT) displays no segments; remove the No. 15 EPS (40 A) fuse from the under-hood fuse/relay box, then start the engine, and hold it between 3,500 RPM and 4,000 RPM without load (in park or neutral) until the BAT displays at least three segments. Reinstall the No. 15 EPS (40 A) fuse.

## **STEERING-RELATED PRECAUTIONS**

### **Cable Reel Alignment**

- Misalignment of the cable reel could cause an open in the wiring, making the SRS system and the horns inoperative. Center the cable reel whenever the following is performed (see step 6 ).
  - 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 on the cable reel.
- If the cable reel shows any signs of damage or contamination, replace it with a new one. For example, if it does not rotate smoothly, replace the cable reel.

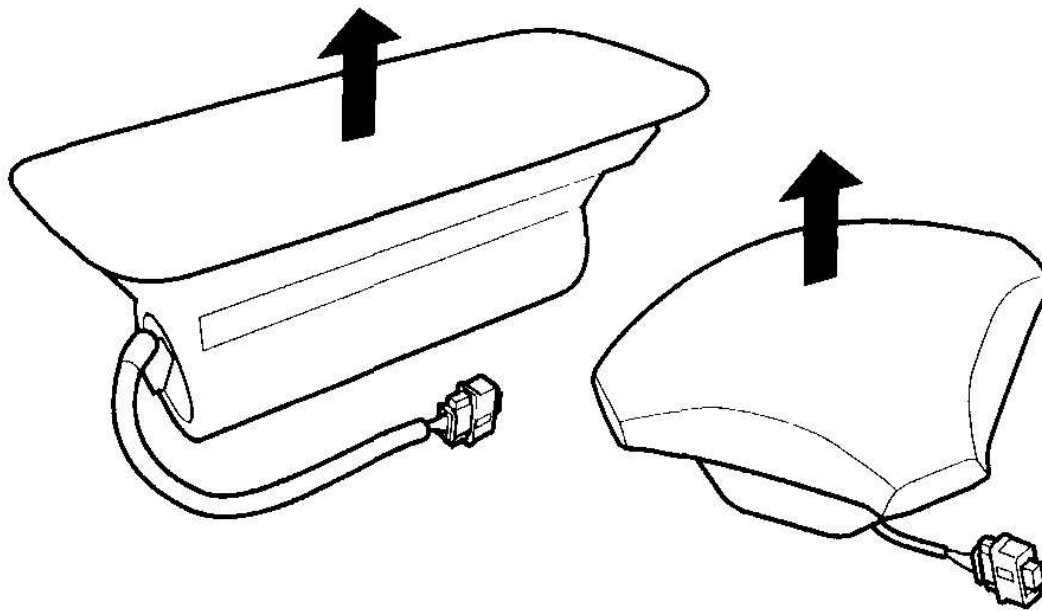
## **AIRBAG HANDLING AND STORAGE**

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

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

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

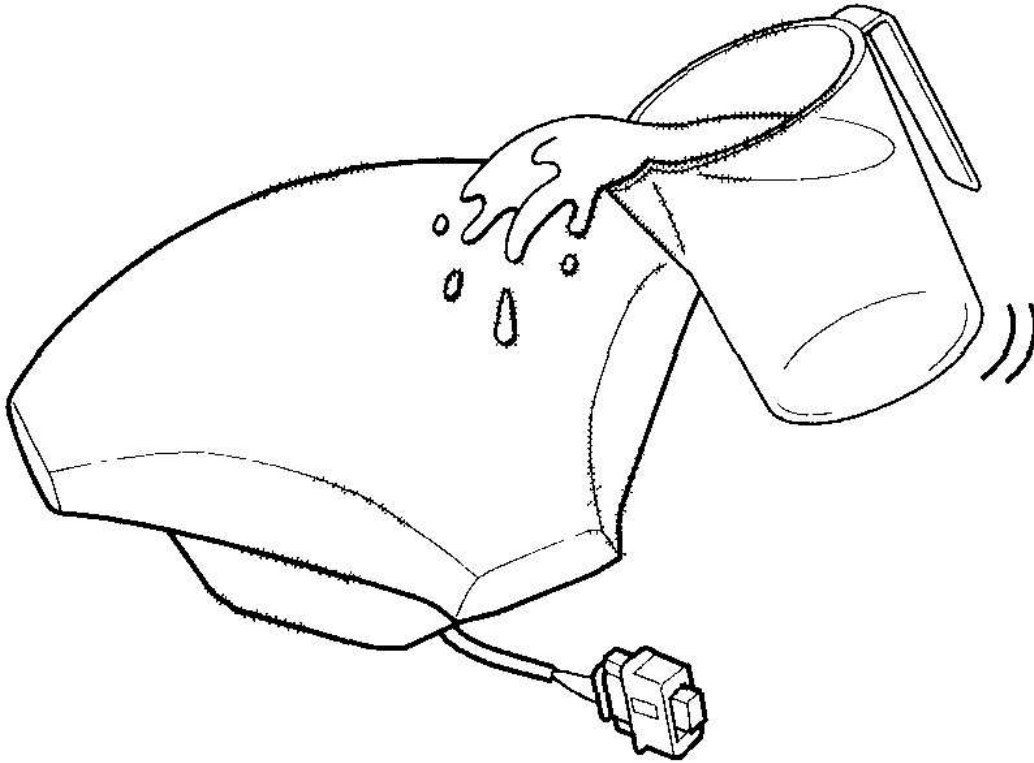




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**Fig. 3: Storing Removed Airbag With Pad Surface Up**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

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

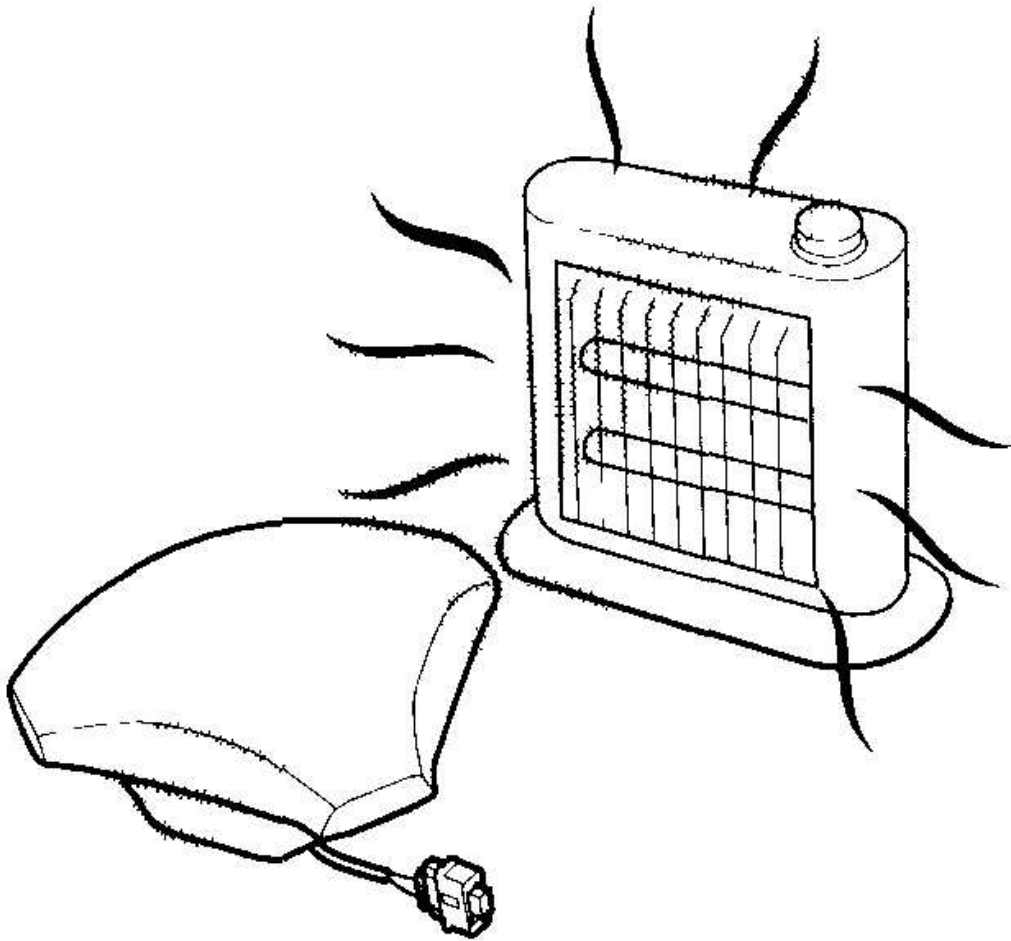


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**Fig. 4: Precaution For Preventing Damage Of Airbag From Any Oil, Grease, Detergent And Water**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

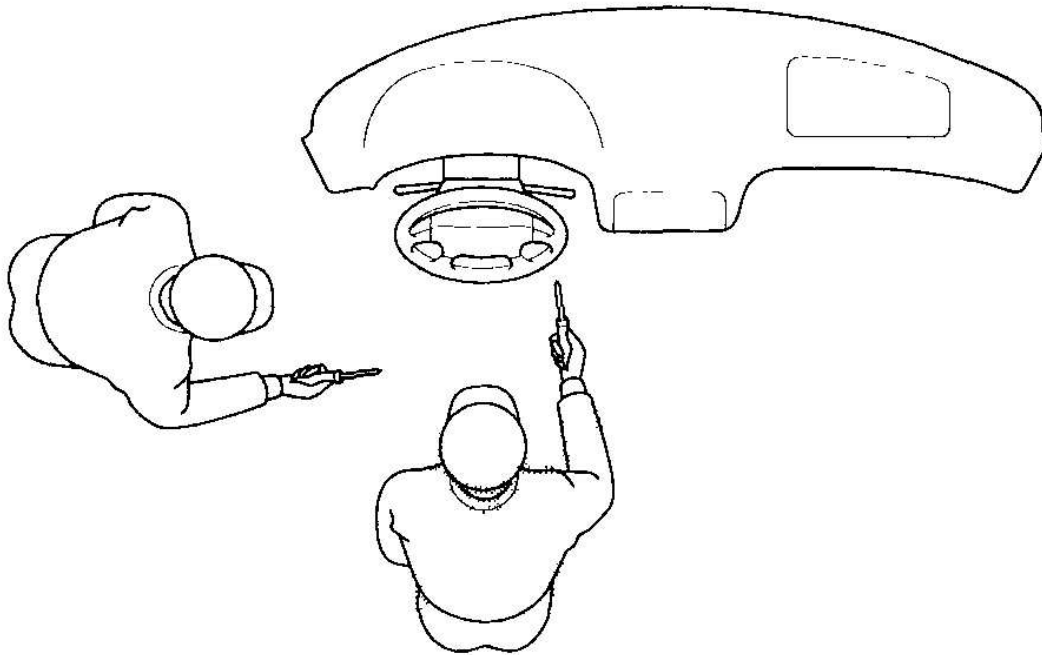
- Store the removed airbag on a secure, flat surface away from any high heat source (exceeding 200°F)



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**Fig. 5: Precaution For Preventing Airbag From High Heat Source**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

- Never perform electrical inspections to the airbags, such as measuring resistance.
- Do not position yourself in front of the airbag during removal, inspection, or replacement.



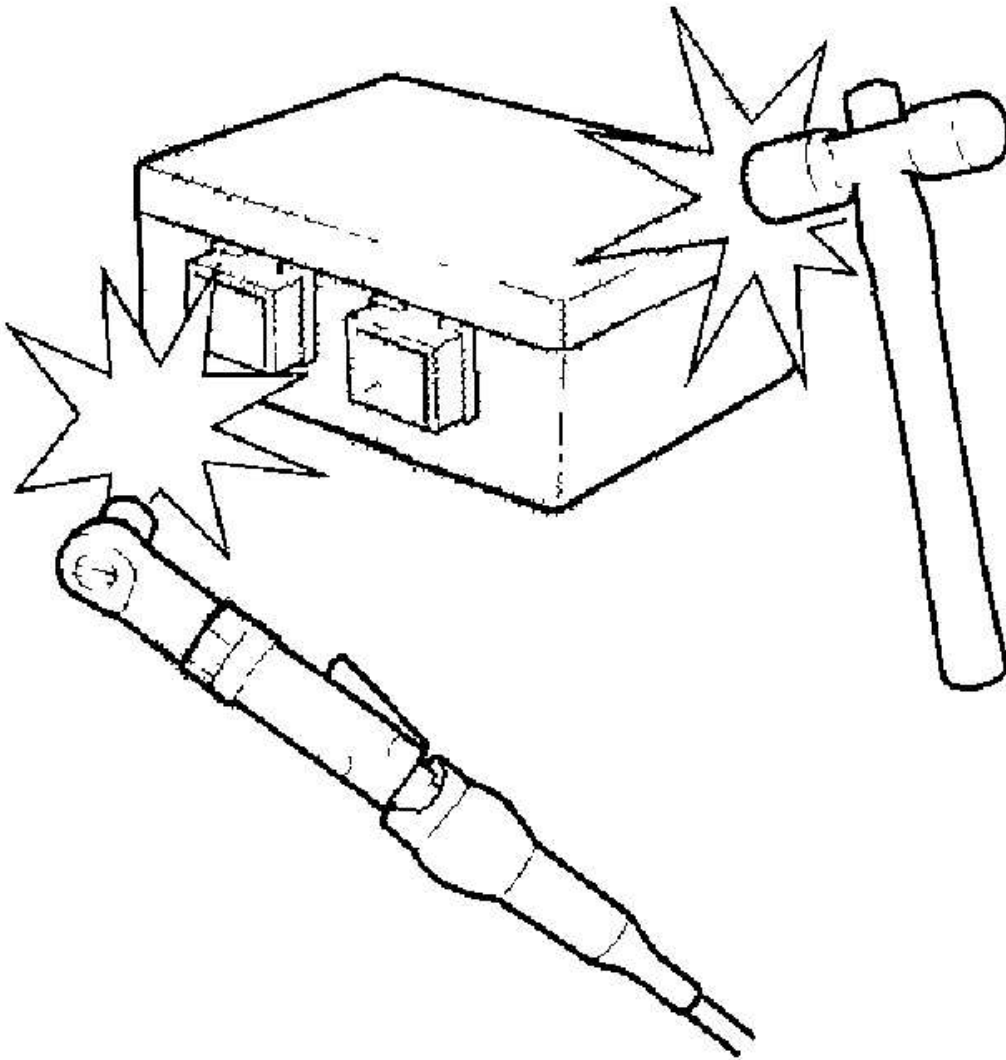
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**Fig. 6: Precaution During Removal, Inspection Or Replacement Of Airbag**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

- For proper disposal of a damaged airbag, refer to **AIRBAG DISPOSAL** (see ).

#### **SRS UNIT PRECAUTIONS**

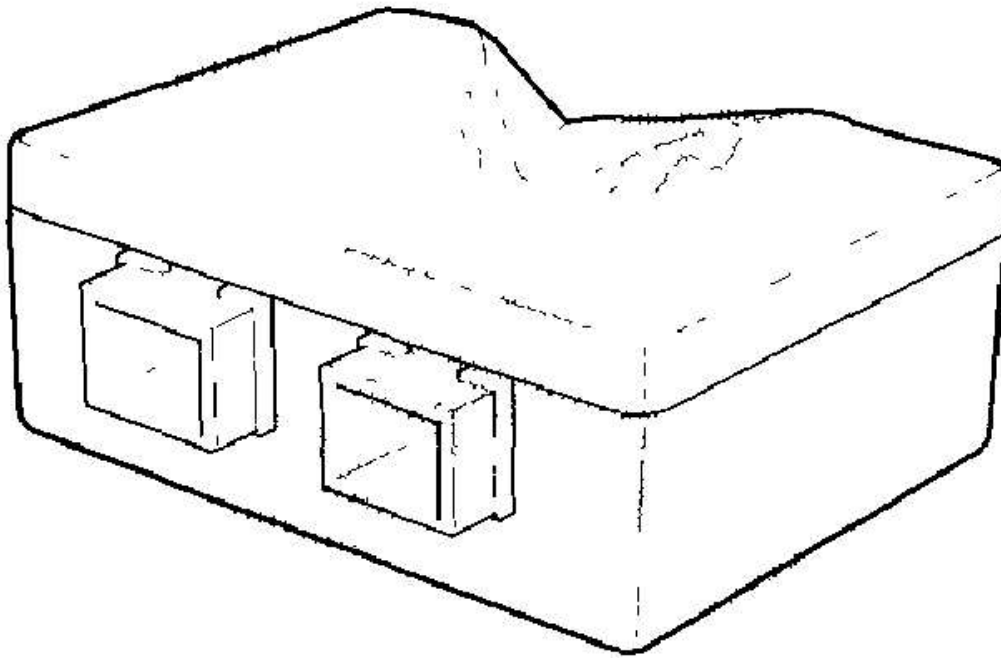
- Be careful not to bump or impact the SRS unit whenever the ignition switch is ON (II), or for at least 3 minutes after the ignition switch is turned OFF.
- During installation or replacement, be careful not to bump (by impact wrench, hammer, etc.) the area around the SRS unit. The airbags could accidentally deploy and cause damage or injury.



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**Fig. 7: Precaution During Installation Or Replacement Of SRS Unit**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

- After a collision in which the airbags were deployed, replace the SRS unit. After a collision in which the airbags were not deployed, inspect for any damage or any deformation on the SRS unit. If there is any damage, replace the SRS unit.



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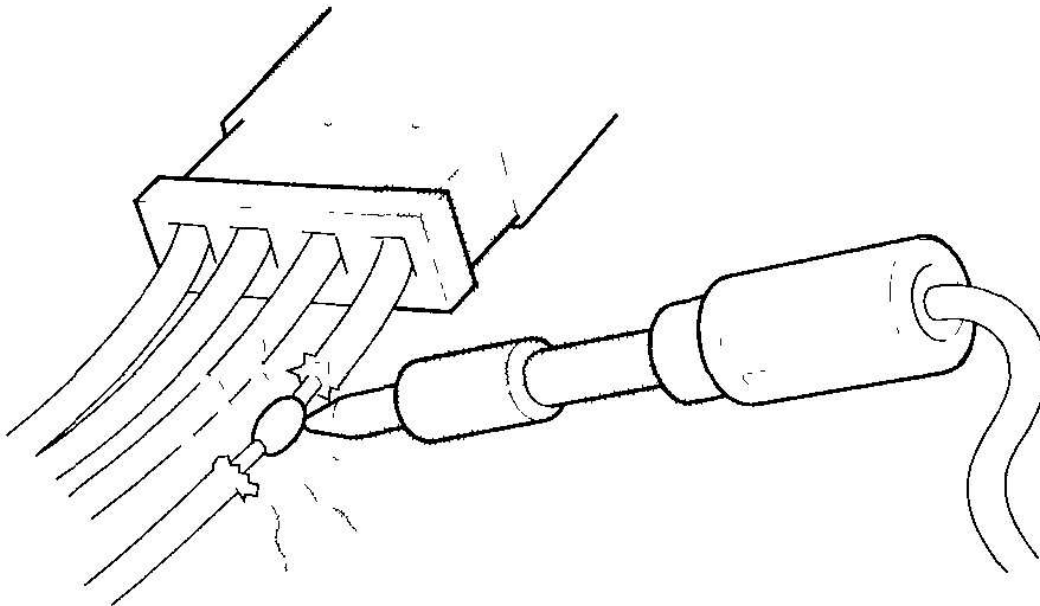
**Fig. 8: Identifying Deformation On SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

- Do not disassemble the SRS unit.
- Turn the ignition switch OFF, disconnect the battery negative cable and wait at least 3 minutes before beginning installation or replacement of the SRS unit, and disconnection of the 18P connector.
- Be sure the SRS unit is installed securely with the mounting bolts torqued to 9.8 N.m (1.0 kgf.m, 7.2 lbf.ft).
- Do not spill water or oil on the SRS unit, and keep it away from dust.
- Store the SRS unit in a cool (less than 104 °F/40 °C) and dry (less than 80% relative humidity, no moisture) area.

#### **WIRING PRECAUTIONS**

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

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

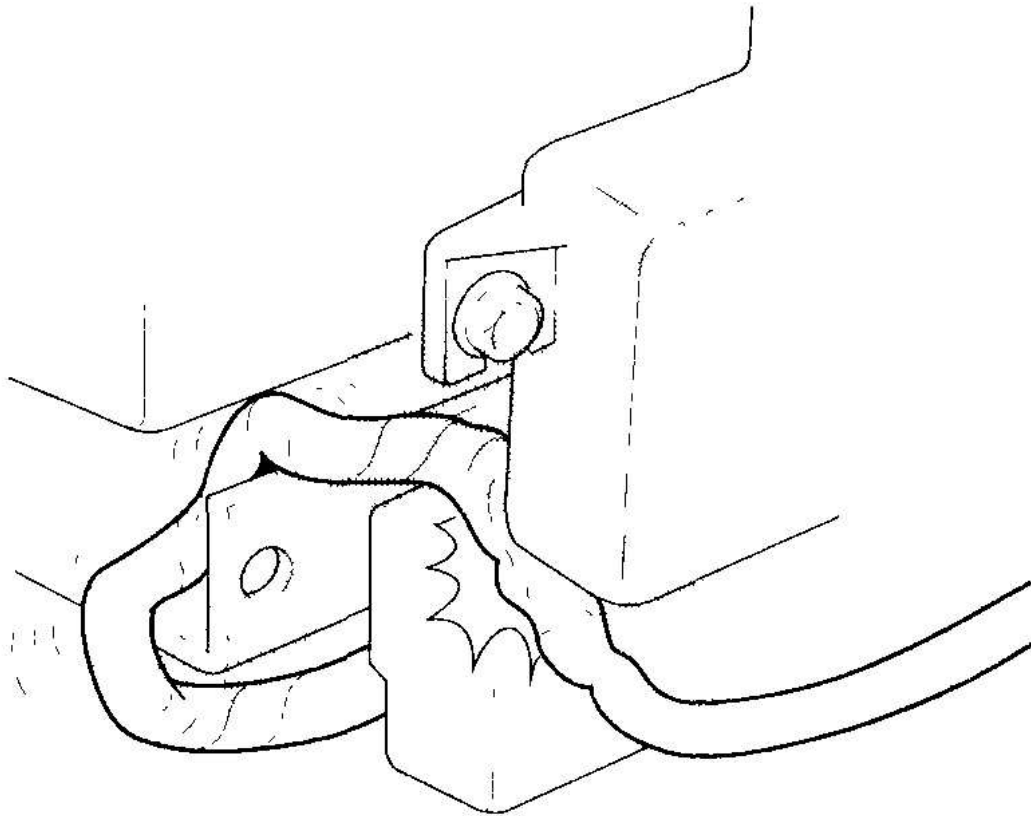


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**Fig. 9: Precaution While Repairing SRS Wiring**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

- Be sure to install the harness wires so that they are not pinched or interfering with other parts.





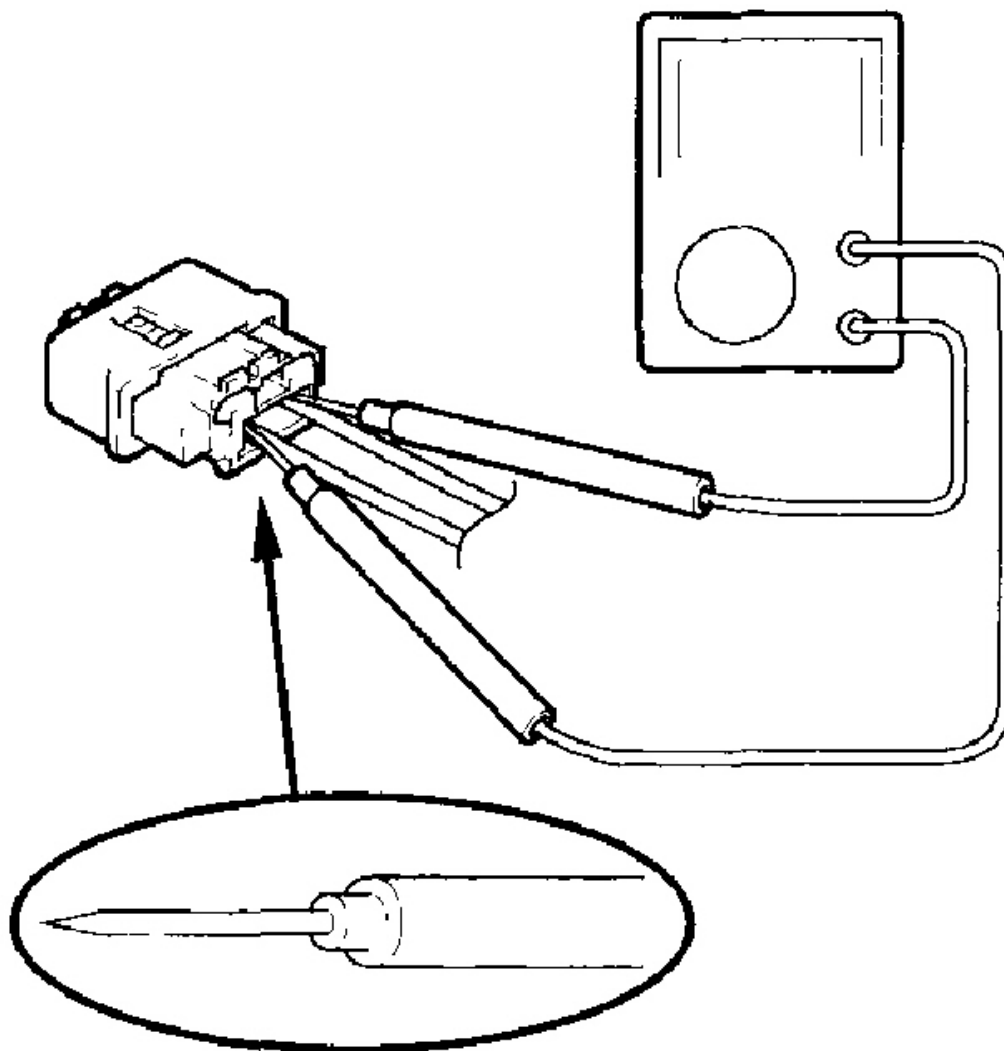
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**Fig. 10: Precaution While Installing Harness Wires**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

- Make sure all SRS ground locations are clean, and grounds are securely fastened for optimum metal-to-metal contact. Poor grounding can cause intermittent problems that are difficult to diagnose.

#### **PRECAUTIONS FOR ELECTRICAL INSPECTIONS**

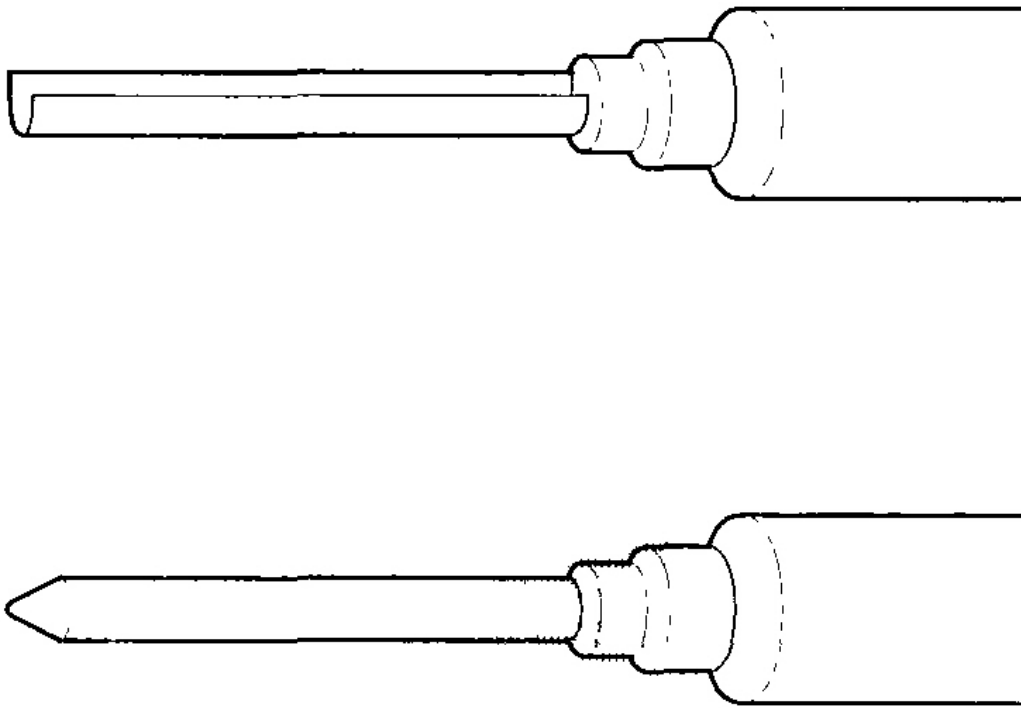
- When using electrical test equipment, insert the probe of the tester into the wire side of the connector. Do not insert the probe of the tester into the terminal side of the connector, and do not tamper with the connector.



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**Fig. 11: Inserting Probe Of Tester Into Wire Side Of Connector**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

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



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**Fig. 12: Identifying U-Shaped Probe**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

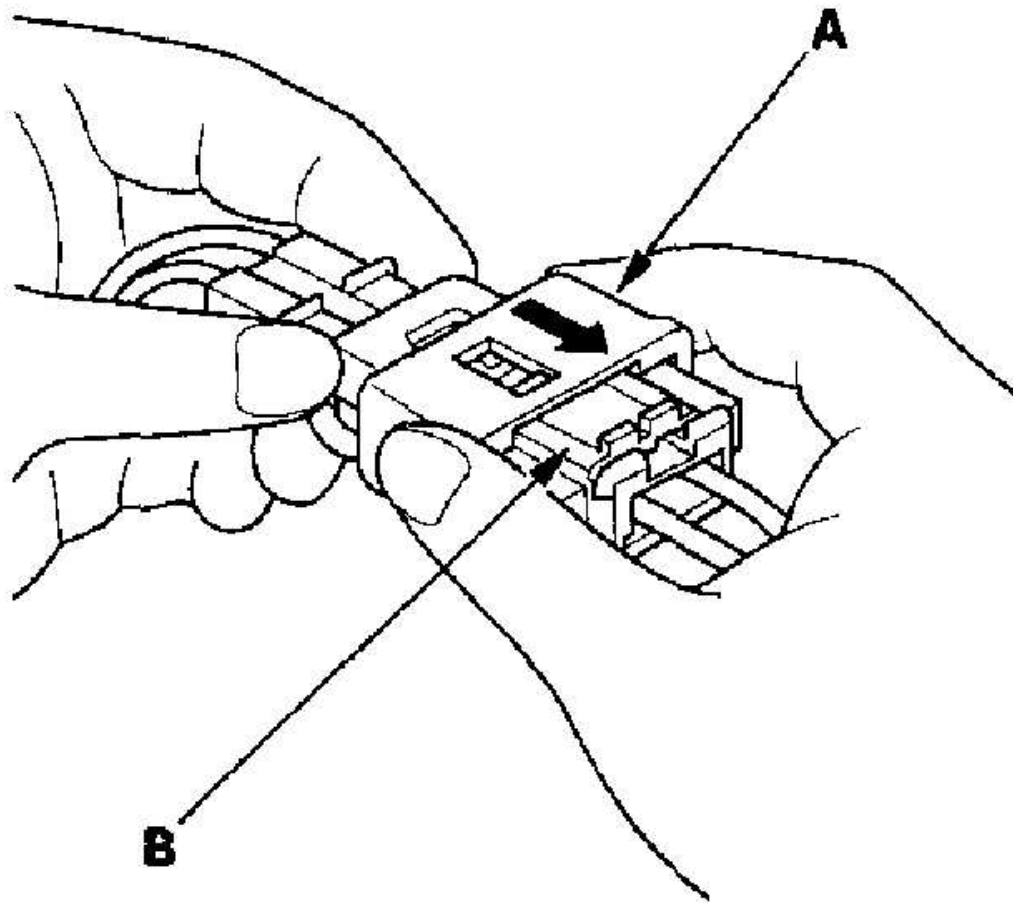
- Use specified service connectors in troubleshooting. Using improper tools could cause an error in inspection due to poor metal-to-metal contact.

#### **SPRING-LOADED LOCK CONNECTOR**

Some SRS system connectors have a spring-loaded lock.

##### **Disconnecting**

1. 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.

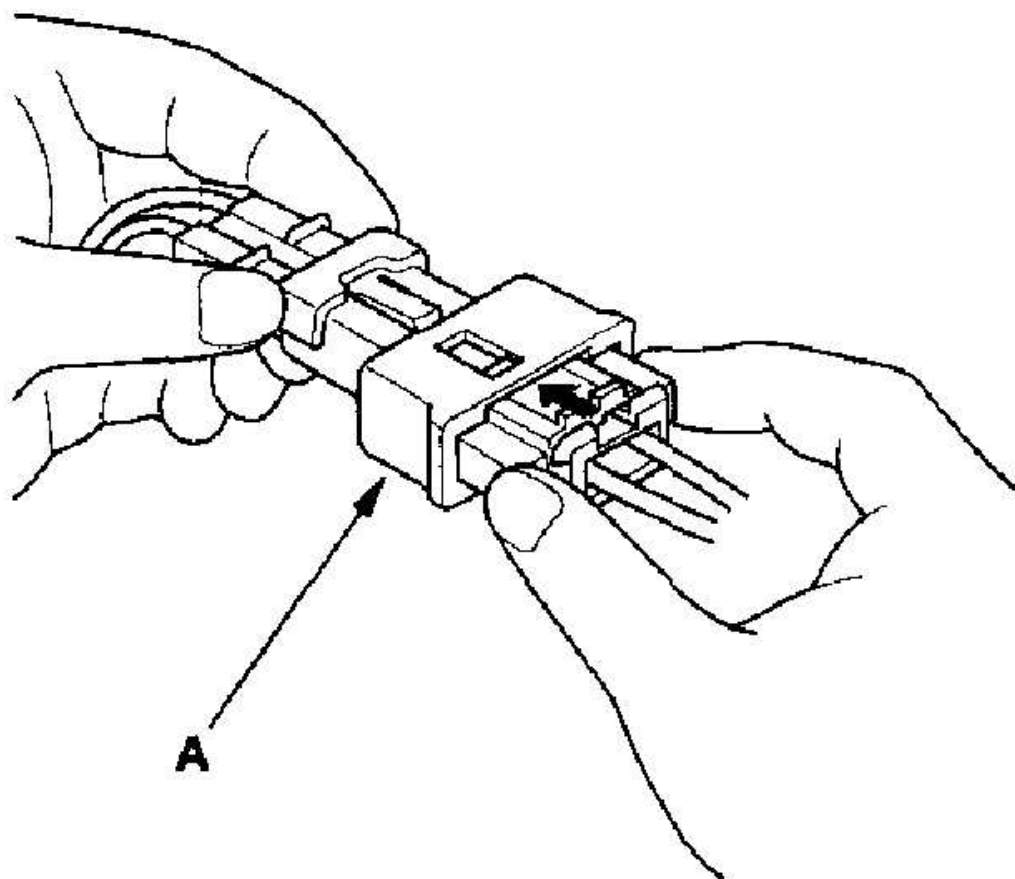


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**Fig. 13: Disconnecting SRS System Connector**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

**Connecting**

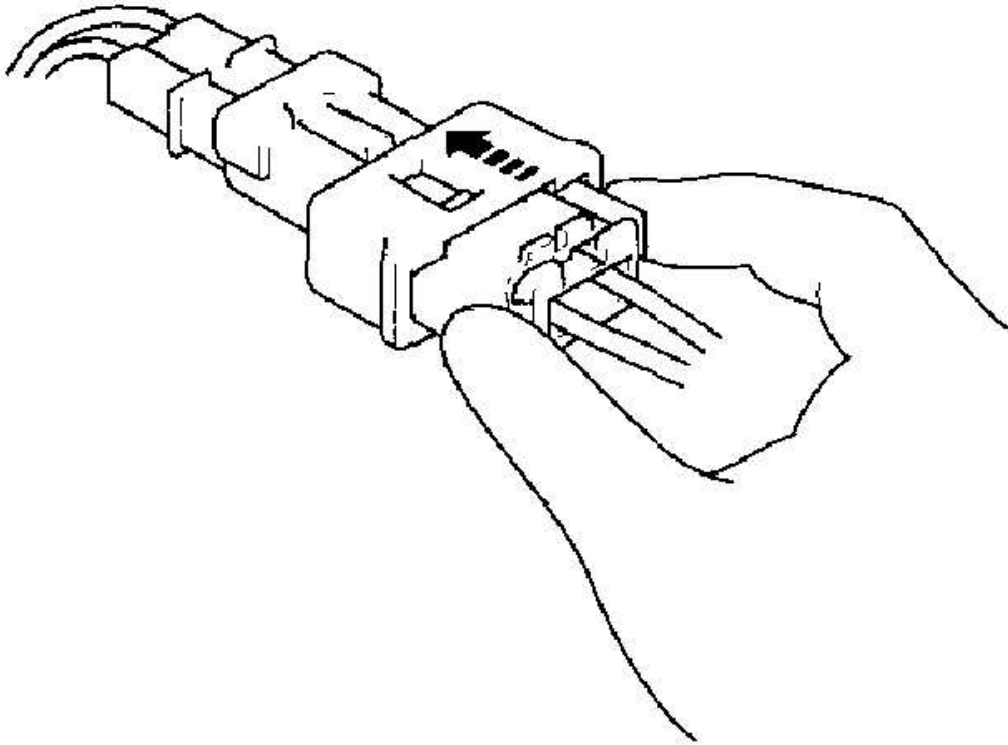
2. To reconnect, hold the pawl-side connector, and press on the back of the sleeve-side connector half in the direction shown. As the two connector halves are pressed together, the sleeve (A) is pushed back by the pawl. Do not touch the sleeve.



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**Fig. 14: Connecting SRS System Connector**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

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



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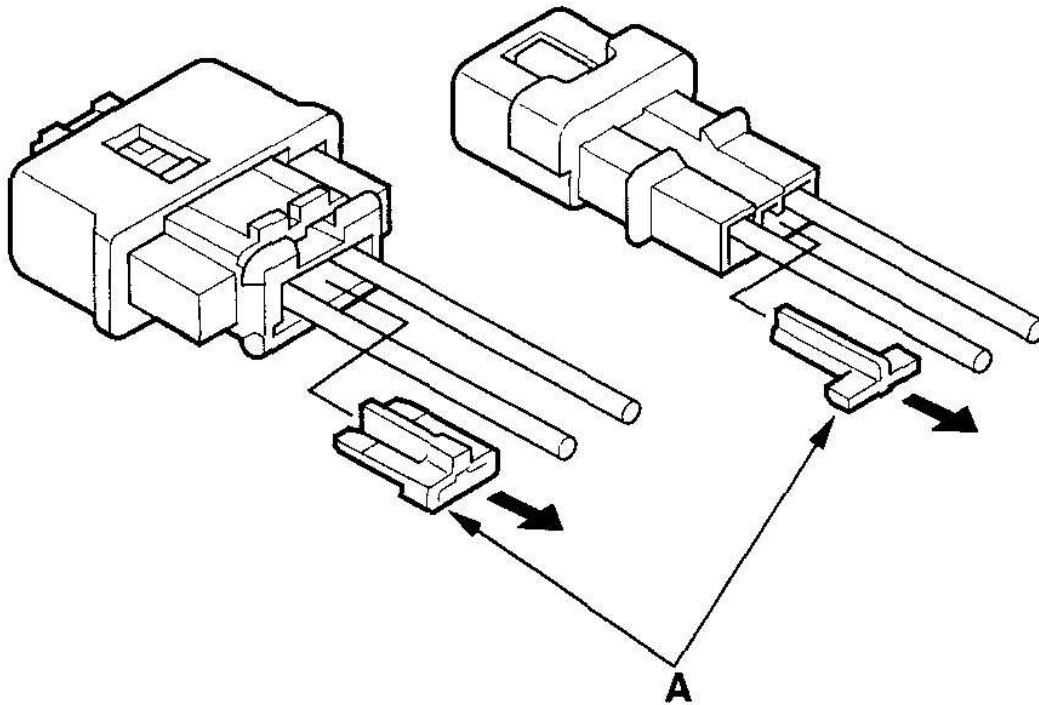
**Fig. 15: Locking Connector**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

**BACKPROBING SPRING-LOADED LOCK CONNECTORS**

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

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



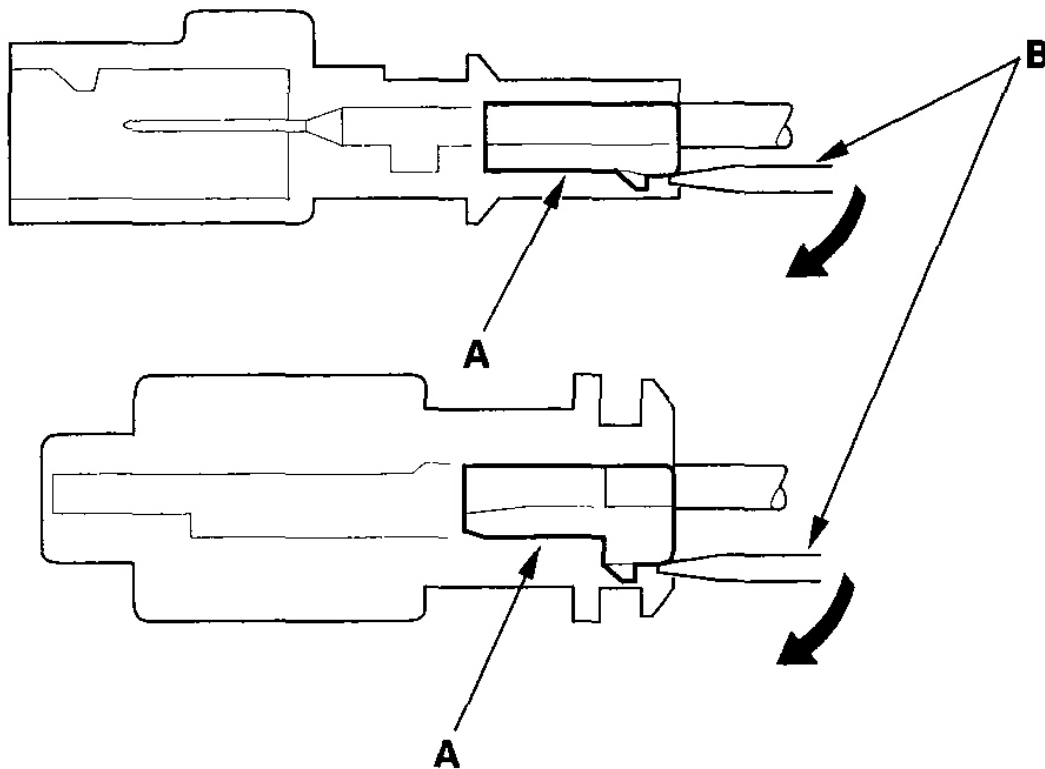
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**Fig. 16: Removing Retainer (1 Of 2)**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

To remove the retainer (A), insert a flat-tip screwdriver (B) between the connector body and the retainer, then carefully pry out the retainer. Take care not to break the connector.





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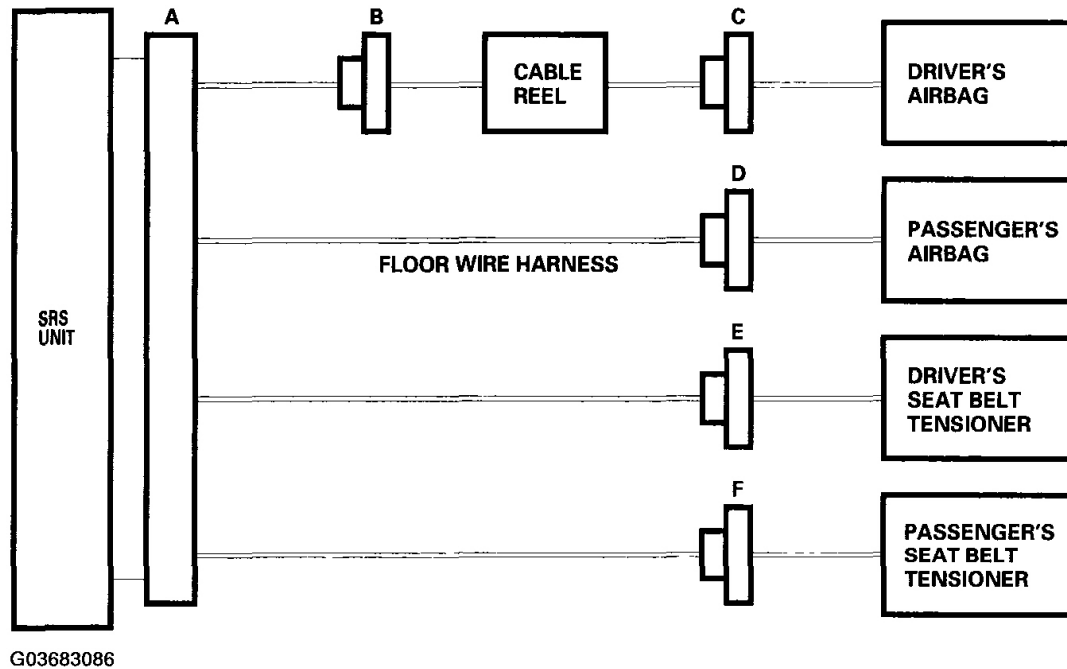
**Fig. 17: Removing Retainer (2 Of 2)****Courtesy of AMERICAN HONDA MOTOR CO., INC.****DISCONNECTING SYSTEM CONNECTORS**

Before removing the airbag or SRS related devices (the SRS unit, the cable reel and the seat belt tensioner connector), disconnecting connectors from SRS related devices, or removing the dashboard or the steering column, disconnect the airbag connectors and seat belt tensioner connectors to prevent accidental deployment.

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

- Before disconnecting the SRS unit connector A (18P) (A) from the SRS unit, disconnect both airbag 2P connectors (C, D) and both seat belt tensioner 2P connectors (E, F).

- Before disconnecting the cable reel 2P connector (B), disconnect the driver's airbag 2P connector (C).



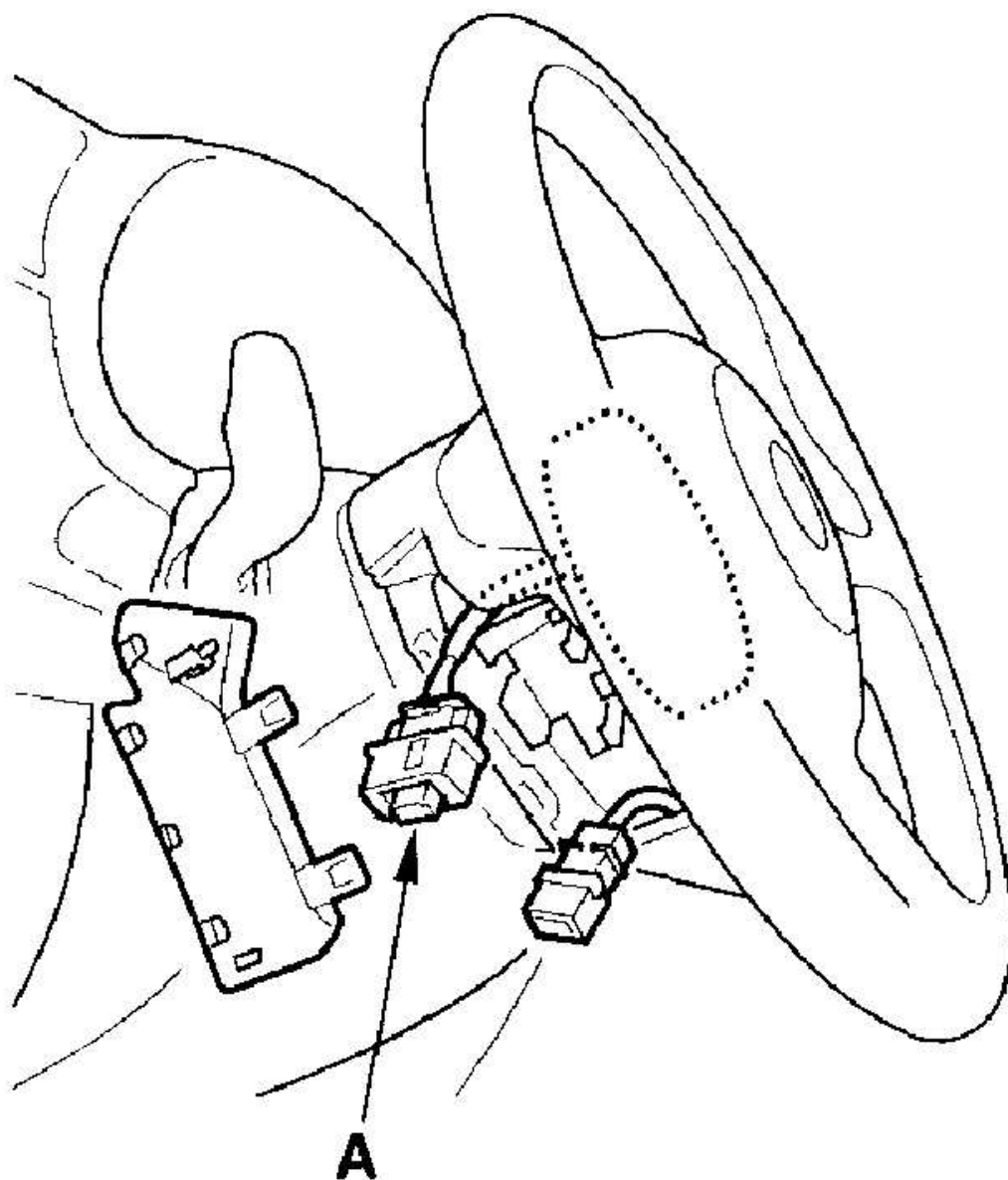
**Fig. 18: Identifying Connectors**

Courtesy of AMERICAN HONDA MOTOR CO., INC.

1. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait at least 3 minutes.

#### Driver's Airbag

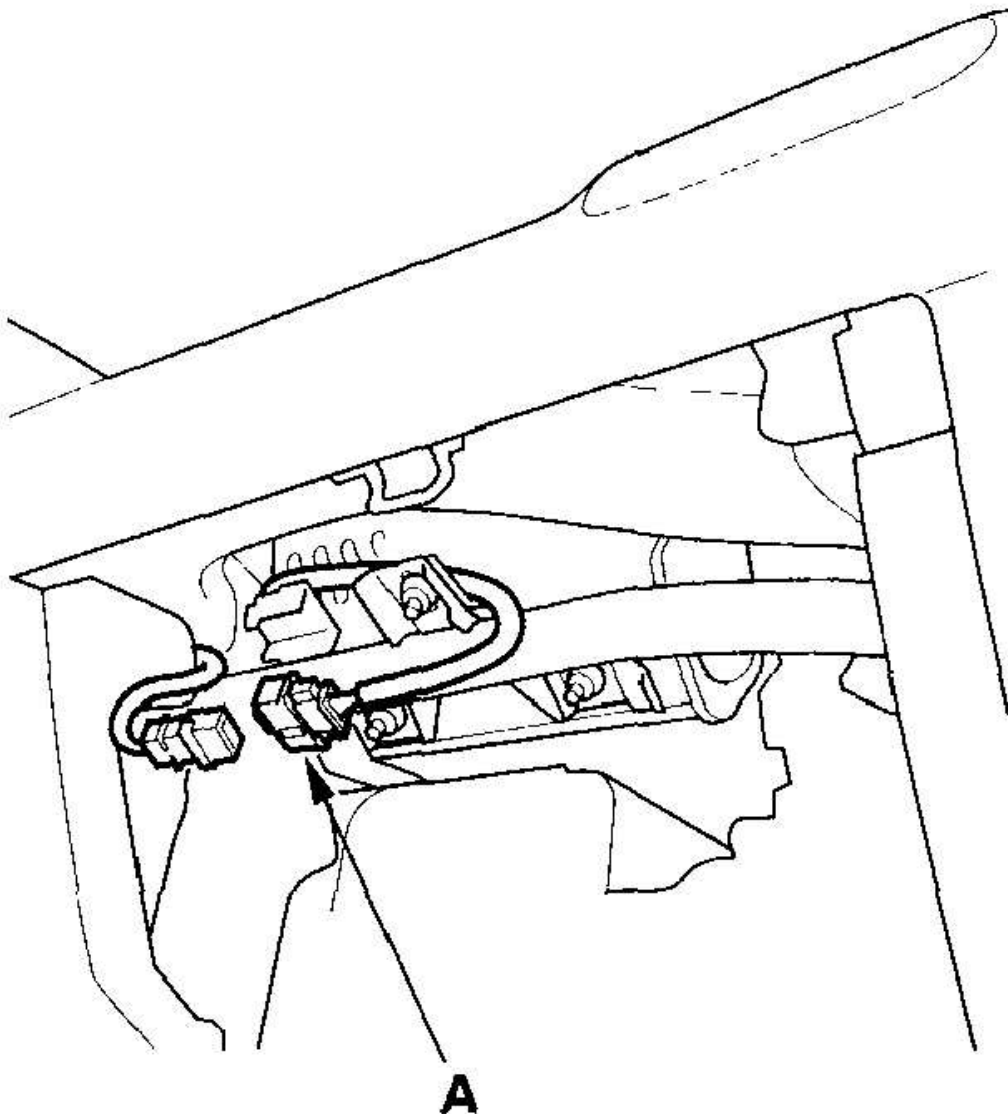
2. Remove the access panel from the steering wheel, then disconnect the driver's airbag 2P connector (A) from the cable reel.



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**Fig. 19: Disconnecting Driver's Airbag 2P Connector From Cable Reel**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Remove the glove box (see **GLOVE BOX REMOVAL/INSTALLATION** ), then disconnect the passenger's airbag 2P connector (A) from the floor wire harness.



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**Fig. 20: Disconnecting Passenger's Airbag 2P Connector From Floor Wire**

<b>2006 Honda Insight</b>
2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight

## **Harness**

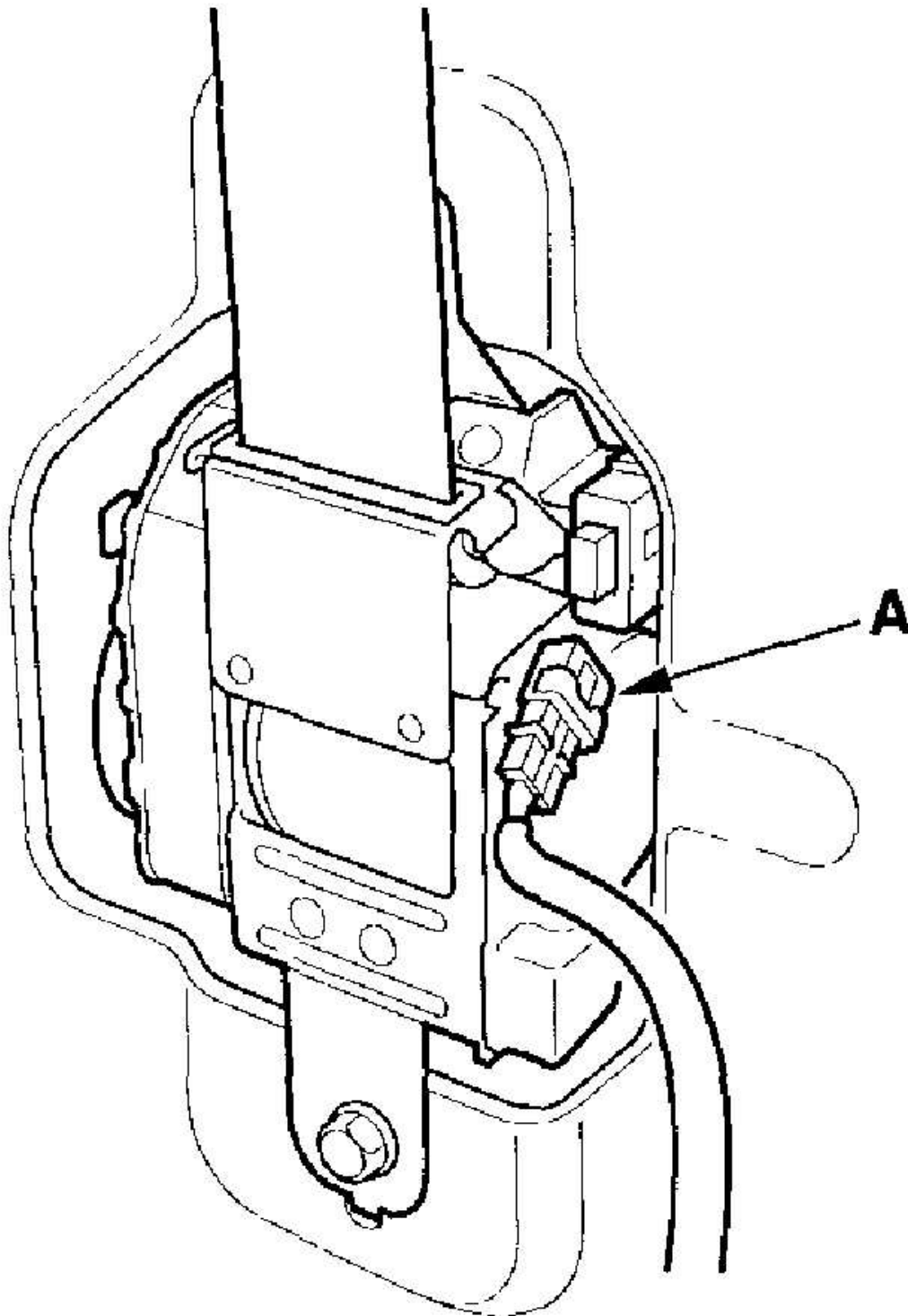
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

### **Seat Belt Tensioner**

4. Remove the B-pillar lower trim panel (see **TRIM REMOVAL/INSTALLATION - DOOR AREAS** ), then disconnect the floor wire harness 2P connector (A) from the seat belt tensioner.

**2006 Honda Insight**

2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight



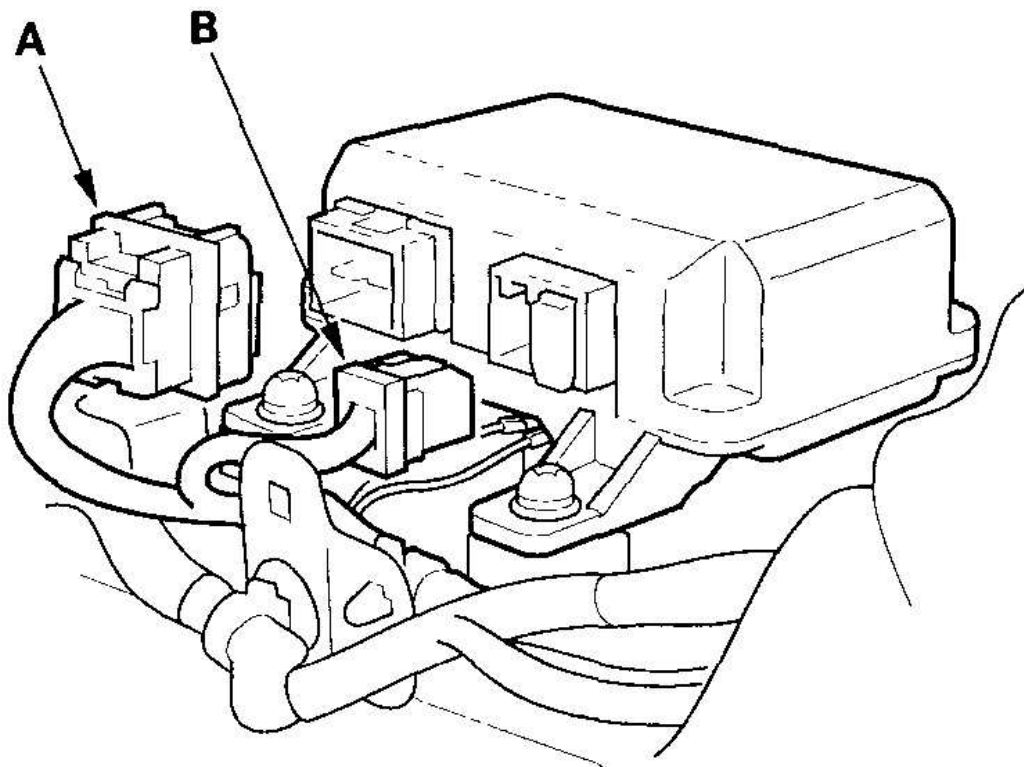
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**Fig. 21: Disconnecting Floor Wire Harness 2P Connector From Seat Belt Tensioner**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

SRS Unit

5. Disconnect SRS unit connector A and/or SRS unit connector B from the SRS unit.



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**Fig. 22: Disconnecting SRS Unit Connector A And B From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

**GENERAL TROUBLESHOOTING INFORMATION**

**DTC (DIAGNOSTIC TROUBLE CODES)**



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

- When you turn the ignition switch ON (II), the SRS indicator will come on. If it goes off after 6 seconds, the system is normal.
- If there is an abnormality, the system locates and defines the problem, stores this information in memory, and turns the SRS indicator on. The data will remain in the memory even when the ignition switch is turned off or if the battery is disconnected.
- When you connect the HDS to the 16P data link connector (DLC) to short the SCS terminal, and turn the ignition switch ON (II), the SRS indicator will indicate the diagnostic trouble code (DTC) by the number of blinks.
- When you connect the HDS to the 16P data link connector (DLC), you can retrieve the DTC in the "SRS" menu in the HDS.
- After reading and recording the DTC, proceed with the troubleshooting procedure for the code indicated.

#### **Precautions**

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

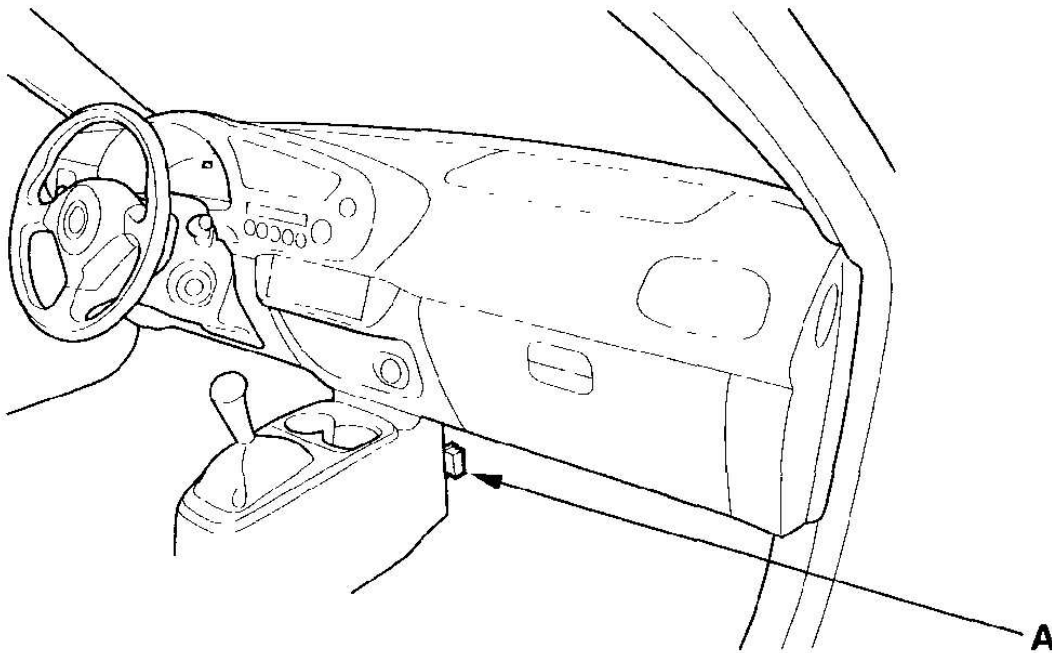
connectors correctly.

## **READING THE DTC**

When the SRS indicator is on, read the DTC using either of the following methods:

### **HDS "SRS" Menu Method**

Connect the HDS to the 16P data link connector (DLC) (A), and follow the HDS prompts in the "SRS" menu. If the tester indicates no DTC, DTC 9-1 or DTC 9-2, double-check by using the "SCS" menu method (see HDS SCS Menu Method).



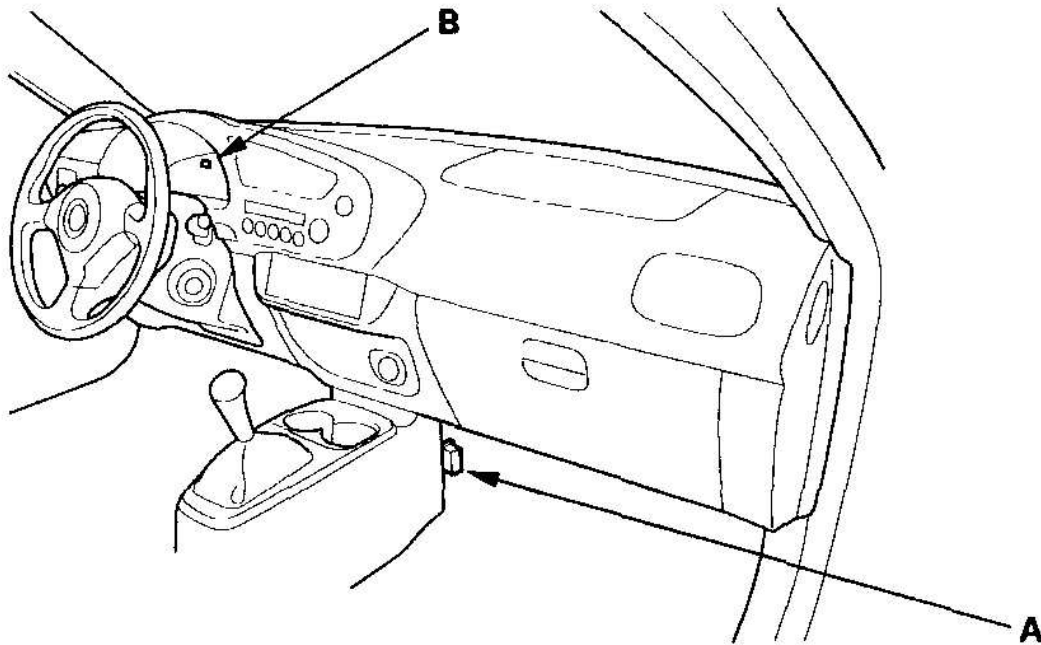
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**Fig. 23: Identifying Data Link Connector (DLC) (1 Of 2)**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

### **HDS "SCS" Menu Method (retrieving flash codes)**

The SRS indicator indicates the DTC by the number of blinks when the HDS is connected to the 16P data link connector (DLC), and the SCS line is grounded.

1. Make sure the ignition switch is OFF.
2. Connect the HDS to the 16P data link connector (DLC) (A), and follow the HDS prompts in the "SCS" menu to ground the SCS line.

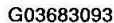


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**Fig. 24: Identifying Data Link Connector (DLC) (2 Of 2)**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

3. Make sure the SCS line is grounded, then turn the ignition switch ON (II). The SRS indicator (B) should come on for about 6 seconds, and then go off. Then it will blink to indicate DTCs (see the table).
  - The DTC consists of a main code and a sub code.
  - Including the most recent problem, up to three different DTCs can be indicated.
  - In case of a continuous failure, the DTC will be indicated repeatedly (see example 1).
  - In case of an intermittent failure, the SRS indicator will indicate the DTC

- If a continuous and an intermittent failure occur, both DTCs will be indicated as continuous failures.
- In case the system is normal (no DTC), the SRS indicator will stay on (see example 3).
- If the SRS indicator does not come on as indicated above, always check for an open or a short to ground in the SCS circuit before troubleshooting the system.



**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

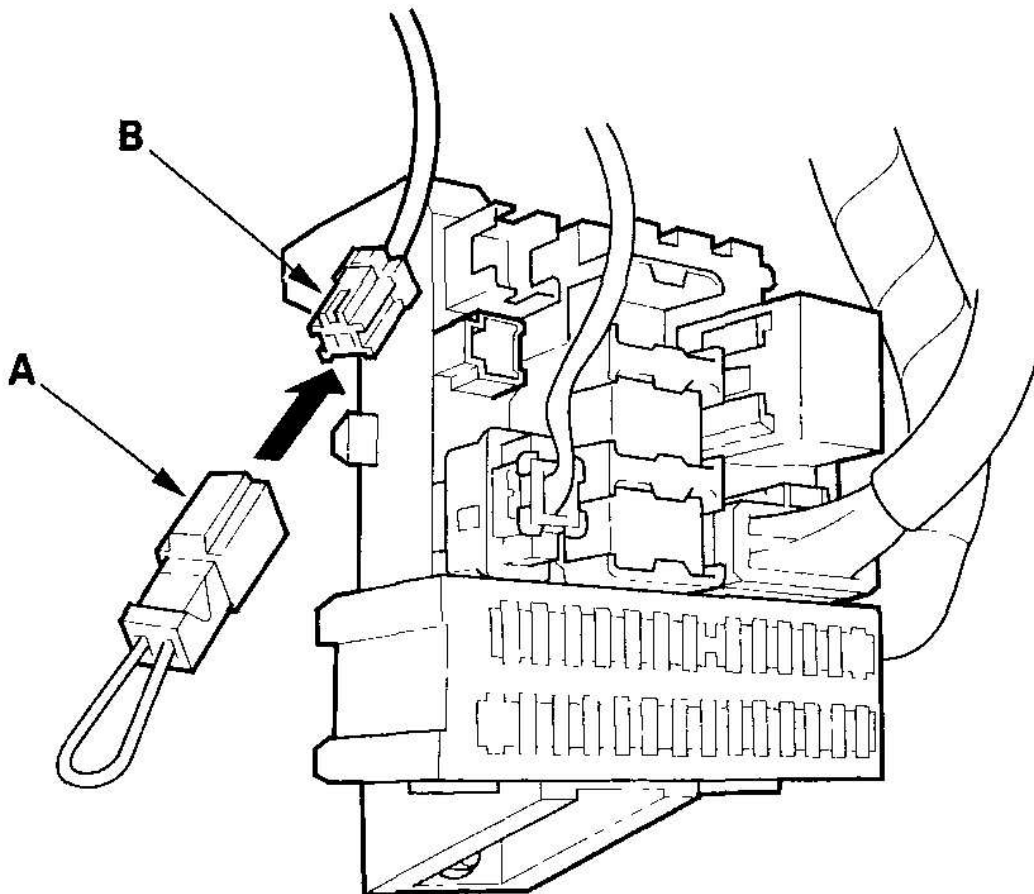
4. Read the DTC.
5. Turn the ignition switch OFF, and wait for 10 seconds.
6. Disconnect the HDS from the 16P data link connector (DLC).
7. Proceed with the troubleshooting procedure for the DTC.

## Special Tools Required

## SCS service connector 07PAZ-0010100

To erase the DTC(s) from the SRS unit, use the HDS or follow this procedure.

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



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**Fig. 26: Connecting SCS Service Connector To MES Connector (2P)**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

3. Turn the ignition switch ON (II).

4. The SRS indicator comes on for about 6 seconds, and then goes 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 erased.
8. Turn the ignition switch OFF, and wait for 10 seconds.
9. Turn the ignition switch ON (II) again. If the SRS indicator comes on for 6 seconds and then goes off, the system is OK.

#### **TROUBLESHOOTING INTERMITTENT FAILURES**

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

After checking the DTC, troubleshoot as follows:

1. Read the DTC (see "**READING THE DTC**").
2. Erase the DTC memory (see "**ERASING THE DTC MEMORY**").
3. With the shift lever in neutral, start the engine, and let the engine idle.
4. The SRS indicator comes on for about 6 seconds and then goes off.
5. Shake the related wire harness and connectors, and look for loose connections, pin fits, and poor grounds.
6. Take a test-drive (quick acceleration, quick braking, and cornering), turn the steering wheel fully left and right, and hold it there for 5 to 10 seconds. If the problem recurs, the SRS indicator will come on.

**NOTE:**     **A faulty cable reel can cause intermittent connection related to the driver's airbag.**

7. If you cannot duplicate the intermittent failure, the system is OK at this time.

**DTC TROUBLESHOOTING INDEX****DTC TROUBLESHOOTING INDEX**

<b>DTC</b>	<b>Detection Item</b>	<b>Notes</b>
1-1	Open in driver's airbag inflator	(see <b><u>DTC 1-1: OPEN IN DRIVER'S AIRBAG INFLATOR; DTC 1-2: INCREASED RESISTANCE IN DRIVER'S AIRBAG INFLATOR</u></b> )
1-2	Increased resistance in driver's airbag inflator	(see <b><u>DTC 1-1: OPEN IN DRIVER'S AIRBAG INFLATOR; DTC 1-2: INCREASED RESISTANCE IN DRIVER'S AIRBAG INFLATOR</u></b> )
1-3	Short to another wire or decreased resistance in driver's airbag inflator	(see <b><u>DTC 1-3: SHORT TO ANOTHER WIRE OR DECREASED RESISTANCE IN DRIVER'S AIRBAG INFLATOR</u></b> )
1-4	Short to power in driver's airbag inflator	(see <b><u>DTC 1-4: SHORT TO POWER IN DRIVER'S AIRBAG INFLATOR</u></b> )
1-5	Short to ground in driver's airbag inflator	(see <b><u>DTC 1-5: SHORT TO GROUND IN DRIVER'S AIRBAG INFLATOR</u></b> )
2-1	Open in passenger's airbag inflator	(see <b><u>DTC 2-1: OPEN IN PASSENGER'S AIRBAG INFLATOR; DTC 2-2: INCREASED RESISTANCE IN PASSENGER'S AIRBAG INFLATOR</u></b> )
		(see <b><u>DTC 2-1: OPEN IN</u></b> )



**2006 Honda Insight**

2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight

2-2	Increased resistance in passenger's airbag inflator	<b><u>PASSENGER'S AIRBAG INFLATOR; DTC 2-2: INCREASED RESISTANCE IN PASSENGER'S AIRBAG INFLATOR )</u></b>
2-3	Short to another wire or decreased resistance in passenger's airbag inflator	<b>(see <u>DTC 2-3: SHORT TO ANOTHER WIRE OR DECREASED RESISTANCE IN PASSENGER'S AIRBAG INFLATOR.</u> )</b>
2-4	Short to power in passenger's airbag inflator	<b>(see <u>DTC 2-4: SHORT TO POWER IN PASSENGER'S AIRBAG INFLATOR )</u></b>
2-5	Short to ground in passenger's airbag inflator	<b>(see <u>DTC 2-5: SHORT TO GROUND IN PASSENGER'S AIRBAG INFLATOR )</u></b>
3-1	Open in driver's seat belt tensioner	<b>(see <u>DTC 3-1: OPEN IN DRIVER'S SEAT BELT TENSIONER; DTC 3-2: INCREASED RESISTANCE IN DRIVER'S SEAT BELT TENSIONER )</u></b>
3-2	Increased resistance in driver's seat belt tensioner	<b>(see <u>DTC 3-1: OPEN IN DRIVER'S SEAT BELT TENSIONER; DTC 3-2: INCREASED RESISTANCE IN DRIVER'S SEAT BELT TENSIONER )</u></b>
3-3	Short to another wire or decreased resistance in driver's seat belt tensioner	<b>(see <u>DTC 3-3: SHORT TO ANOTHER WIRE OR DECREASED RESISTANCE IN DRIVER'S SEAT BELT</u></b>

## 2006 Honda Insight

2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight

		<b><u>TENSIONER )</u></b>
3-4	Short to power in driver's seat belt tensioner	(see <b><u>DTC 3-4: SHORT TO POWER IN DRIVER'S SEAT BELT TENSIONER )</u></b> )
3-5	Short to ground in driver's seat belt tensioner	(see <b><u>DTC 3-5: SHORT TO GROUND IN DRIVER'S SEAT BELT TENSIONER )</u></b> )
4-1	Open in passenger's seat belt tensioner	(see <b><u>DTC 4-1: OPEN IN PASSENGER'S SEAT BELT TENSIONER; DTC 4-2: INCREASED RESISTANCE IN PASSENGER'S SEAT BELT TENSIONER )</u></b> )
4-2	Increased resistance in passenger's seat belt tensioner	(see <b><u>DTC 4-1: OPEN IN PASSENGER'S SEAT BELT TENSIONER; DTC 4-2: INCREASED RESISTANCE IN PASSENGER'S SEAT BELT TENSIONER )</u></b> )
4-3	Short to another wire or decreased resistance in passenger's seat belt tensioner	(see <b><u>DTC 4-3: SHORT TO ANOTHER WIRE OR DECREASED RESISTANCE IN PASSENGER'S SEAT BELT TENSIONER )</u></b> )
4-4	Short to power in passenger's seat belt tensioner	(see <b><u>DTC 4-4: SHORT TO POWER IN PASSENGER'S SEAT BELT TENSIONER )</u></b> )
4-5	Short to ground in passenger's seat belt tensioner	(see <b><u>DTC 4-5: SHORT TO GROUND IN PASSENGER'S SEAT BELT TENSIONER )</u></b> )

## 2006 Honda Insight

2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight

5-1	<p>Internal failure of the SRS unit</p> <p><b>NOTE:</b> Before troubleshooting DTCs 5-1 through 8-6 check battery/system voltage. If voltage is low, repair the charging system or replace the battery before troubleshooting the SRS.</p>	<p>(see <b>DTC 5-1, 5-2, 5-3, 5-4, 6-1, 6-2, 6-3, 6-4, 7-1, 7-2, 7-3, 8-1, 8-2, 8-3, 8-4, 8-6:</b> <b><u>INTERNAL FAILURE OF THE SRS UNIT</u></b> )</p>
5-2		
5-3		
5-4		
6-1		
6-2		
6-3		
6-4		
7-1		
7-2		
7-3		
8-1		
8-2		
8-3		
8-4		
8-6		
9-1	<p>Internal failure of the SRS unit. If intermittent, it could mean internal failure of the unit or a faulty indicator light circuit. Refer to <b><u>TROUBLESHOOTING INTERMITTENT FAILURES</u></b> (see ).</p> <p><b>NOTE:</b> Before troubleshooting DTC 9-1, check battery/system voltage. If voltage is low, repair the charging system or replace the battery before troubleshooting the SRS.</p>	<p>(see <b>DTC 9-1: INTERNAL FAILURE OF THE SRS UNIT</b> )</p>
9-2	<p>Internal failure of the SRS unit. If intermittent, there may be an internal failure of the power supply (VB line). Refer to <b><u>TROUBLESHOOTING INTERMITTENT FAILURES</u></b> (see ).</p> <p><b>NOTE:</b></p>	<p>(see <b>DTC 9-2: FAULTY POWER SUPPLY (VB LINE)</b> )</p>

## 2006 Honda Insight

2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight

	Before troubleshooting DTC 9-2, check battery/system voltage. If voltage is low, repair the charging system or replace the battery before troubleshooting the SRS.	
10-1	Airbags and seat belt tensioners deployed.	(see <b><u>DTC 10-1: AIRBAGS AND SEAT BELT TENSIONERS DEPLOYED</u></b> )

## SYMPTOM TROUBLESHOOTING INDEX

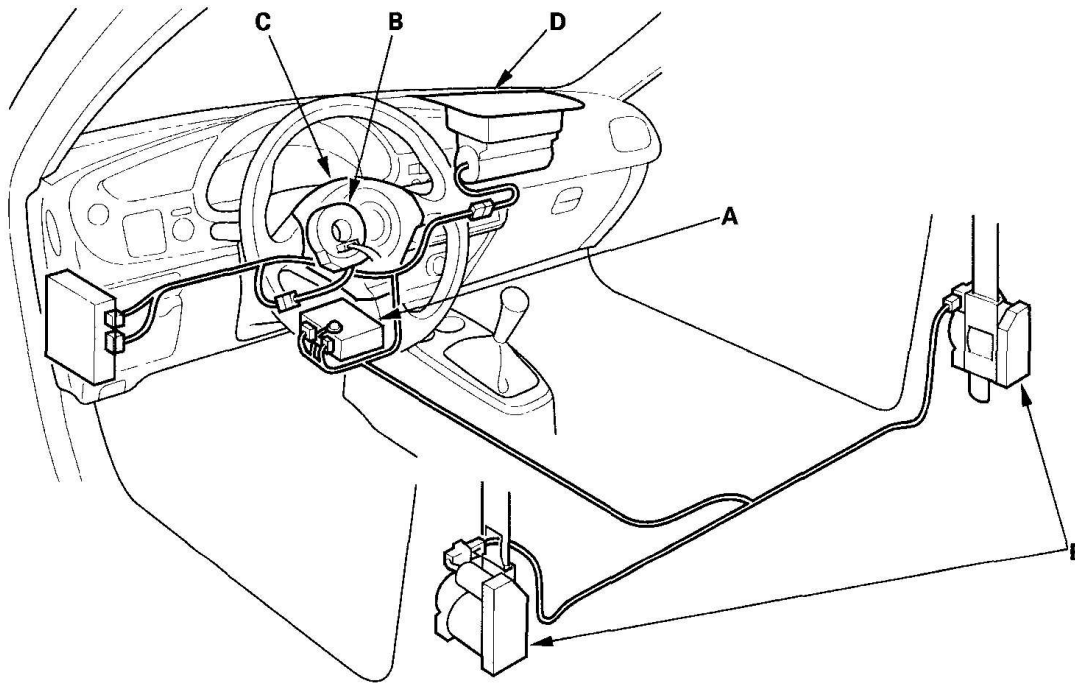
### SYMPTOM TROUBLESHOOTING INDEX

Symptom	Diagnostic procedure	Also check for
SRS indicator does not come on	Symptom Troubleshooting (see <b><u>SYMPTOM TROUBLESHOOTING</u></b> )	
SRS indicator stays on, but no DTCs are stored	Symptom Troubleshooting (see <b><u>SYMPTOM TROUBLESHOOTING</u></b> )	Retrieve the flash codes using the SCS menu method (see <b><u>HDS "SCS" MENU METHOD (RETRIEVING FLASH CODES)</u></b> ).

## SYSTEM DESCRIPTION

### SRS COMPONENTS

The SRS is a safety device which, when used in conjunction with the seat belt, is designed to help protect the driver and passenger in a frontal impact exceeding a certain set limit. The system consists of the SRS unit, including a safing sensor and an impact sensor (A), the cable reel (B), the driver's airbag (C) and the passenger's airbag (D). The seat belt tensioner (E) is linked with the SRS airbags to further increase the effectiveness of the seat belt. In a front-end collision, the tensioner instantly retracts the belt firmly to secure the occupants in their seats.



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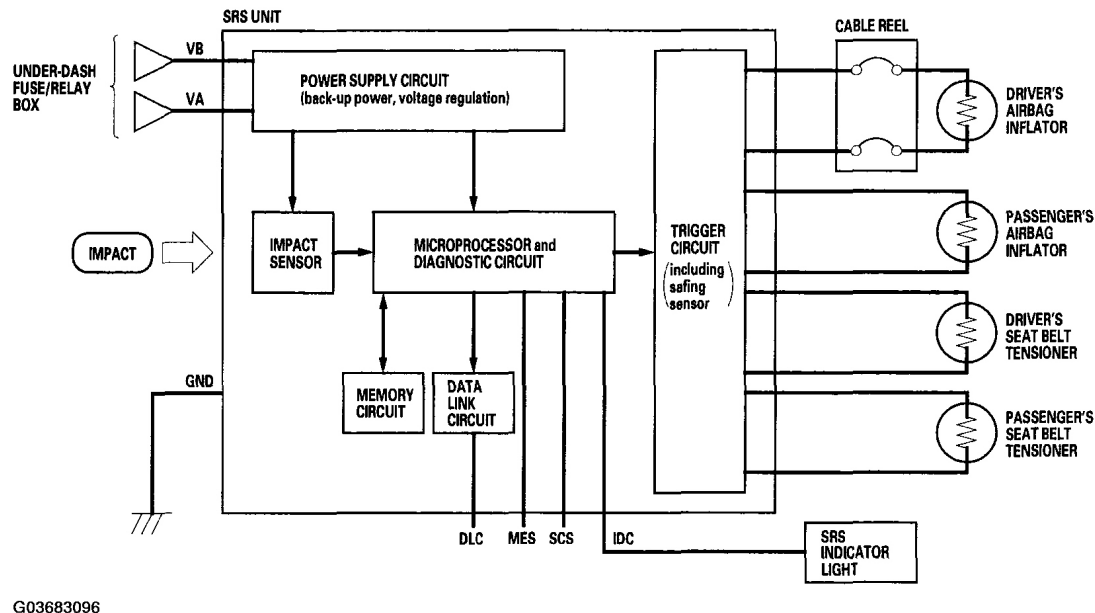
**Fig. 27: Identifying SRS Components**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

### **SRS OPERATION**

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

**For the SRS to operate**

1. The impact sensor must activate and send electronic signals to the microprocessor.
2. The microprocessor must compute the signals and send them to the airbag inflators and seat belt tensioners.
3. The inflators must ignite and deploy the airbags and activate the tensioners.



**Fig. 28: Circuit Schematic - SRS Unit**  
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

#### Self-diagnosis System

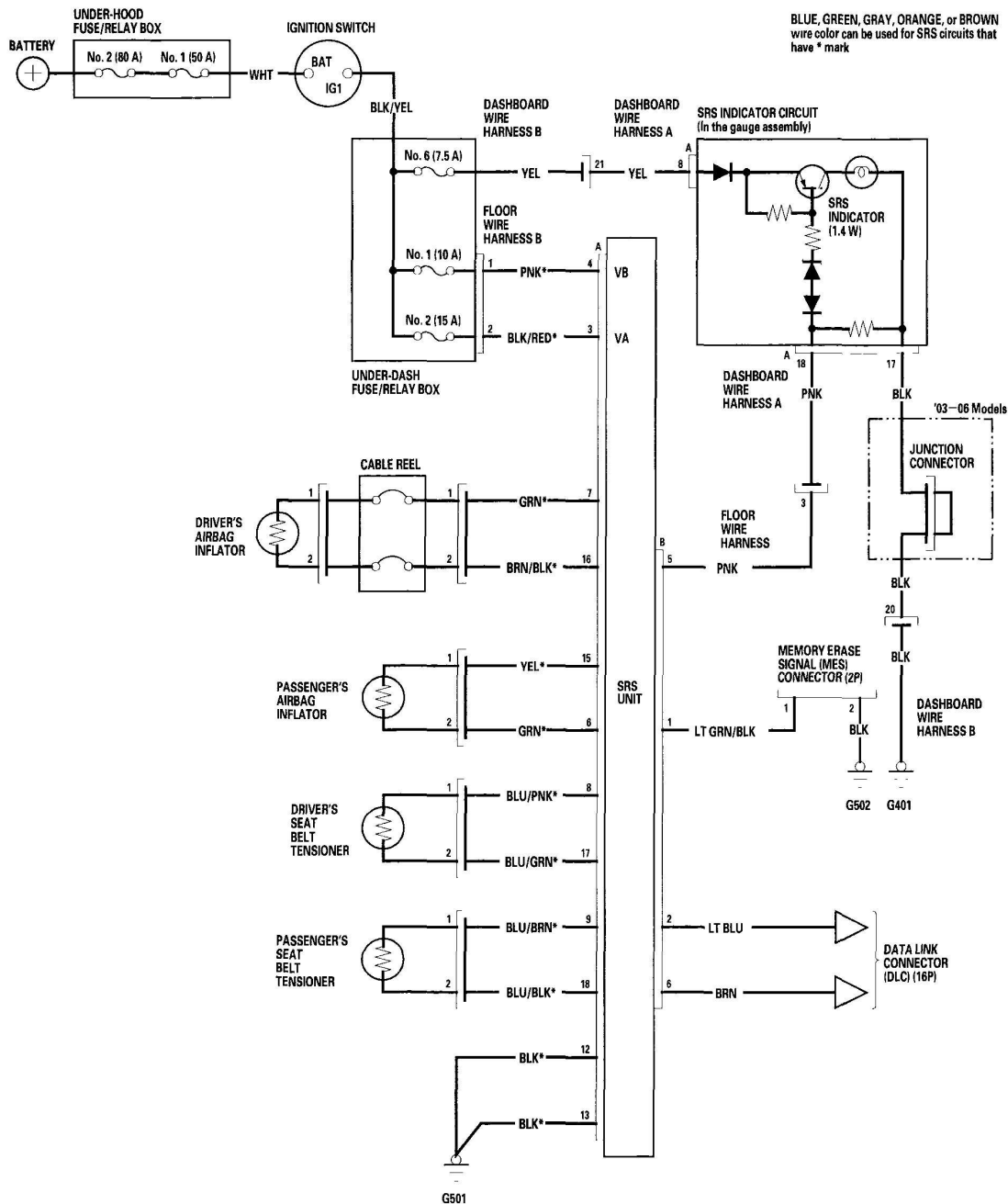
A self-diagnosis circuit is built into the SRS unit; when the ignition switch is turned ON (II), the SRS indicator comes on and goes off after about 6 seconds, if the SRS is operating normally. If the indicator does not come on, or does not go off after 6 seconds, or if it comes on while driving, it indicates an abnormality in the SRS. The SRS must be inspected and repaired as soon as possible. For better serviceability, the memory will store the cause of the malfunction, and the data link circuit passes on information from memory to the 16P data link connector (DLC). This information can be read with the HDS connected to the 16P data link connector (DLC) (see **GENERAL TROUBLESHOOTING INFORMATION**).

**NOTE:** Before you disconnect the battery negative cable, make sure you have the anti-theft code for the radio, and then write the audio presets.

#### CIRCUIT DIAGRAM

## 2006 Honda Insight

### 2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight



G03683097

**Fig. 29: Circuit Diagram - SRS Unit**

Courtesy of AMERICAN HONDA MOTOR CO., INC.

## DTC TROUBLESHOOTING

**DTC 1-1: OPEN IN DRIVER'S AIRBAG INFLATOR; DTC 1-2: INCREASED RESISTANCE IN DRIVER'S AIRBAG INFLATOR**

## Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
  - SRS simulator lead C 07TAZ-SZ5011A
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
  2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

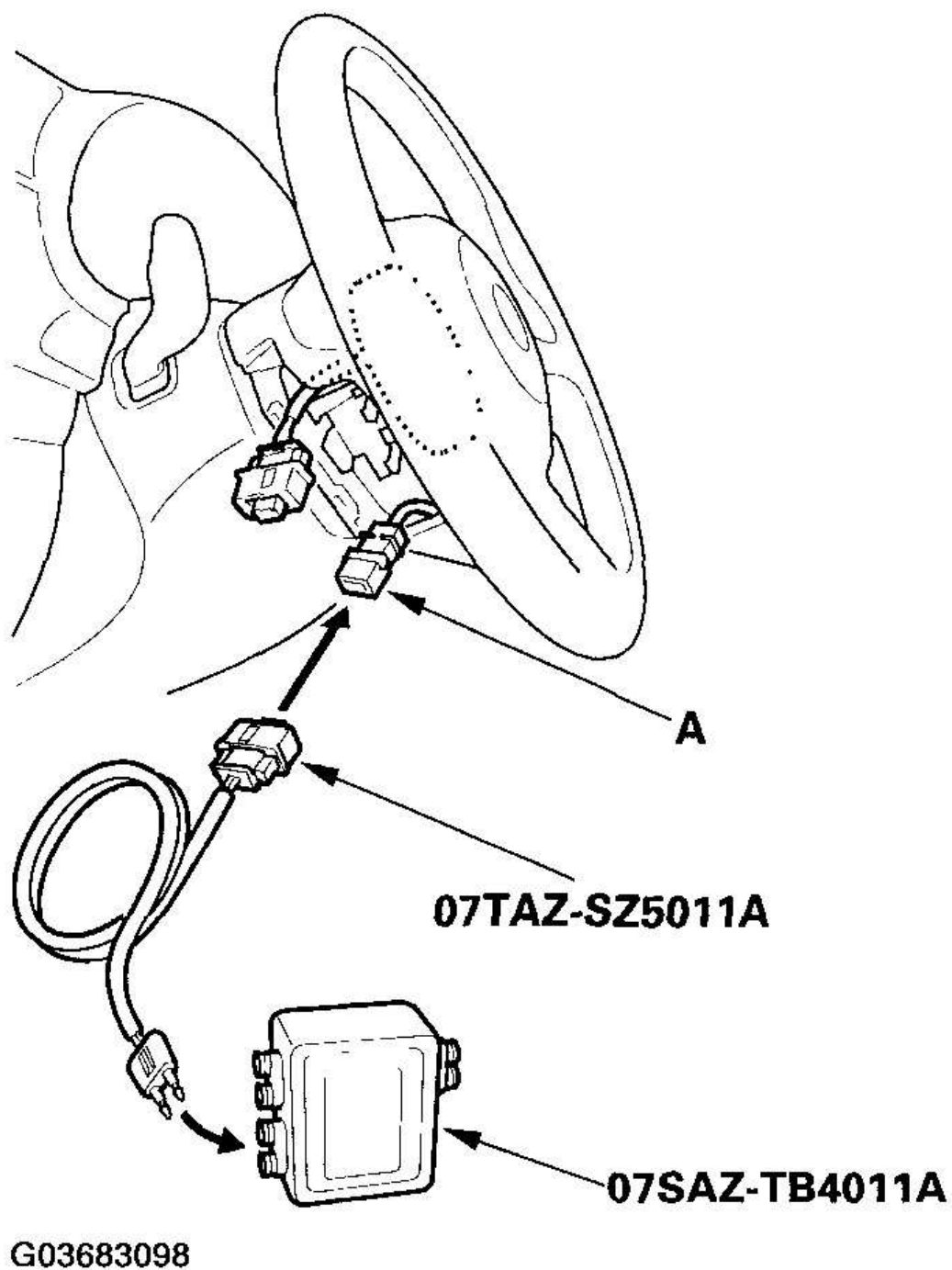
*Does the SRS indicator stay on, and is DTC 1-1 or 1-2 indicated?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

3. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the driver's airbag 2P connector from the cable reel (A).





**Fig. 30: Connecting SRS Inflator Simulator And Simulator Lead C To Cable Reel**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

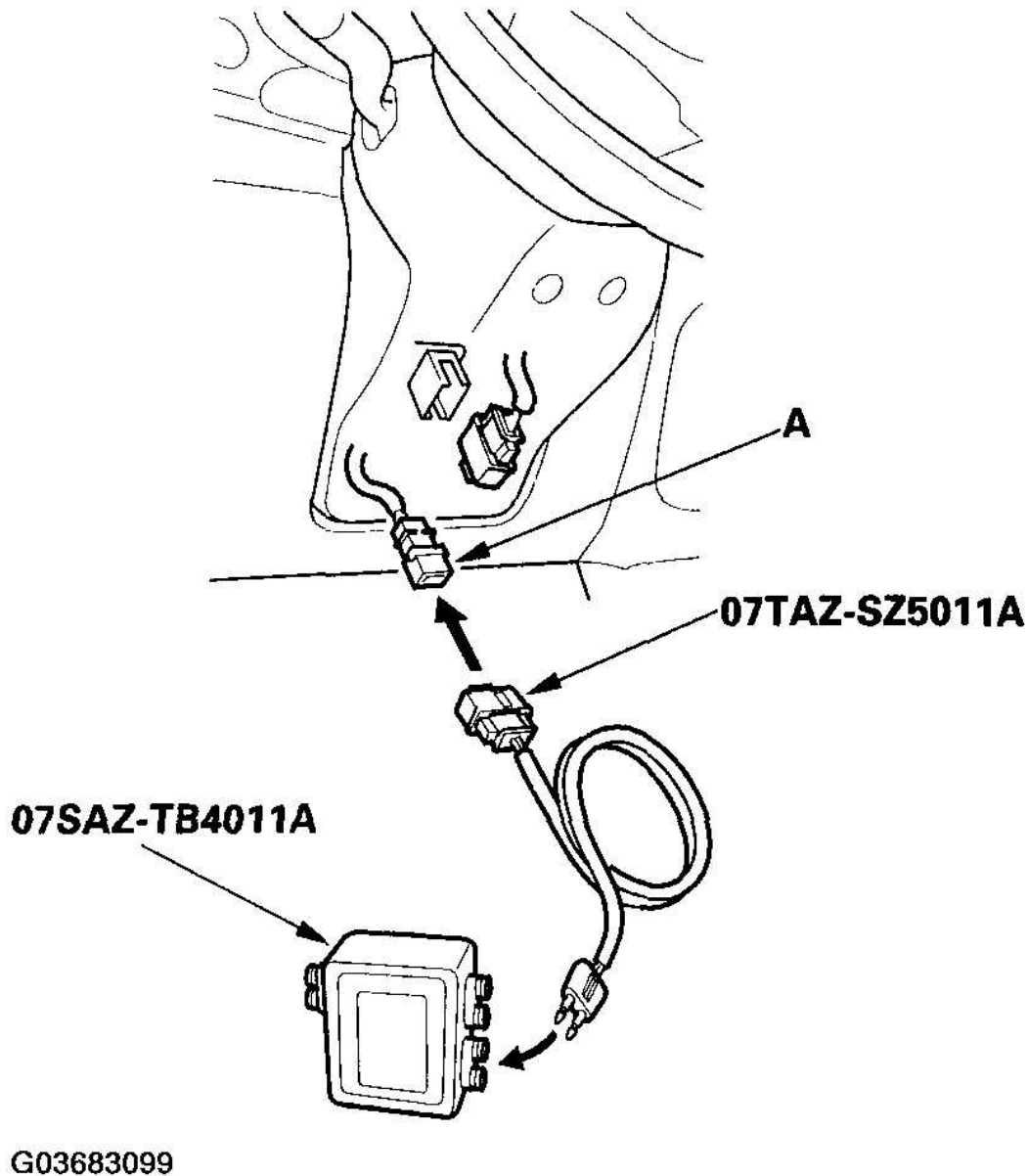
5. Connect the SRS inflator simulator (2 ohm connector) and simulator lead C to the cable reel.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 1-1 or 1-2 indicated?*

**YES** -Go to step 9.

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

9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the cable reel 2P connector from the floor wire harness (A).



**Fig. 31: Connecting SRS Inflator Simulator And Simulator Lead To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

11. Connect the SRS inflator simulator (2 ohm connector) and the simulator lead to the floor wire harness.

<b>2006 Honda Insight</b>
2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight

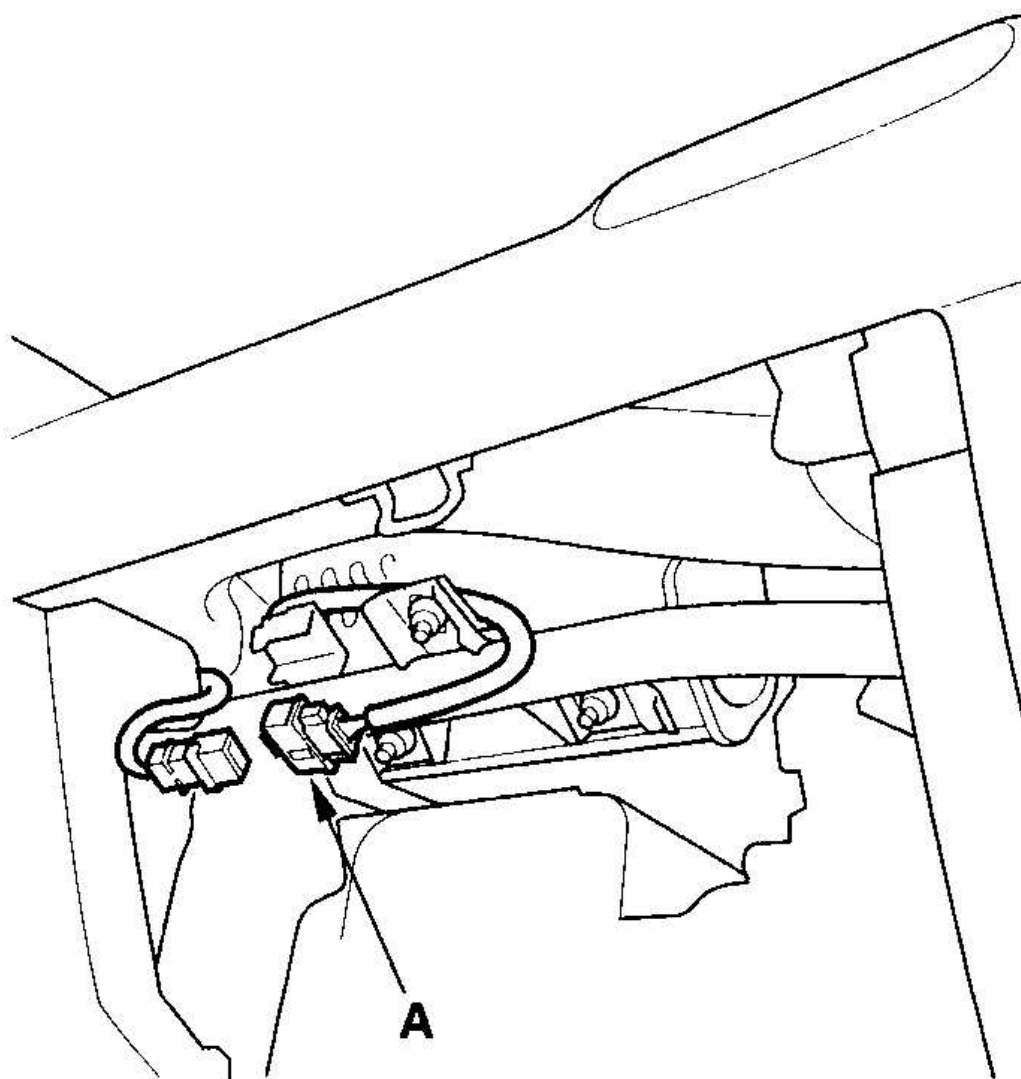
12. Reconnect the battery negative cable.
13. Erase the DTC memory.
14. Read the DTC.

*Is DTC 1-1 or 1-2 indicated?*

**YES** -Go to step 15.

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

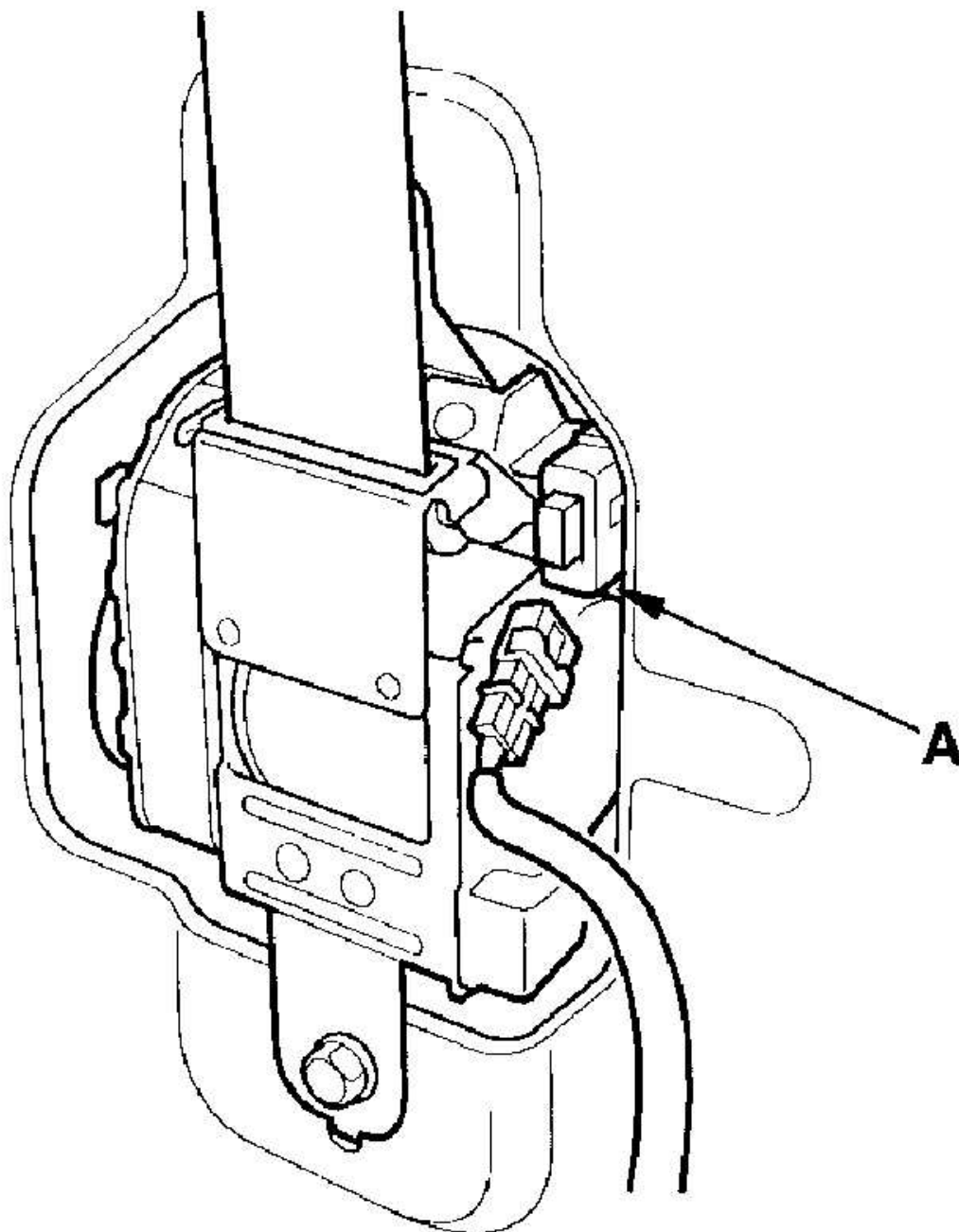
15. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
16. Disconnect the passenger's airbag 2P connector (A).



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**Fig. 32: Disconnecting Passenger's Airbag 2P Connector**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

17. Disconnect both seat belt tensioner 2P connectors (A).

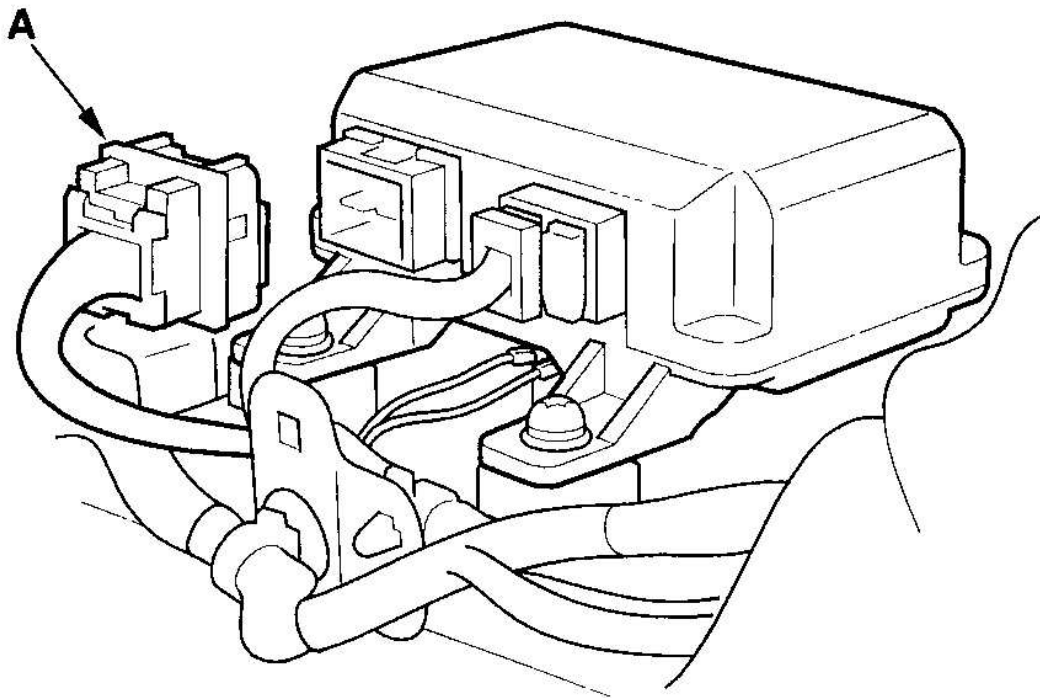


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**Fig. 33: Disconnecting Seat Belt Tensioner 2P Connectors**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

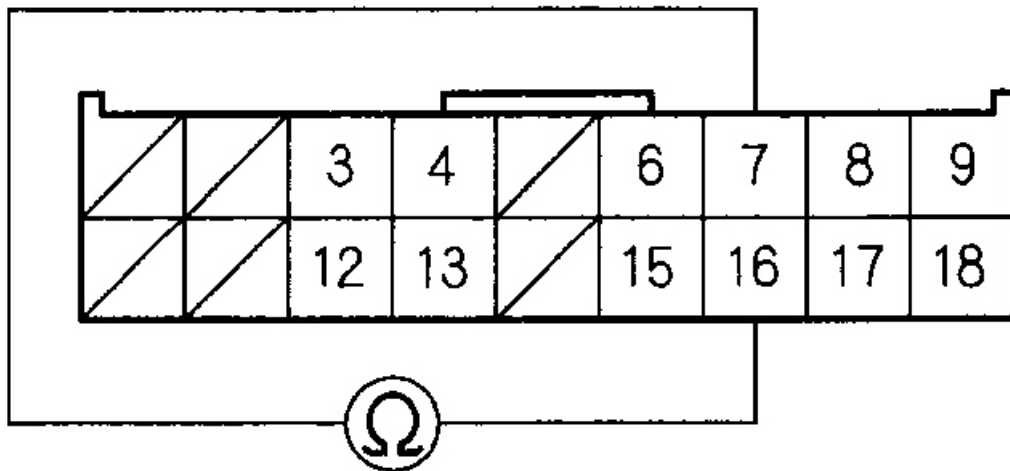
18. Disconnect SRS unit connector A (18P) from the SRS unit. Do not disconnect the simulator lead from the floor wire harness.



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**Fig. 34: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

19. Check resistance between the No. 7 terminal and the No. 16 terminal of the SRS unit connector A (18P). There should be 2.0-3.0 ohm.

**SRS UNIT CONNECTOR A (18P)**

**Wire side of female terminals**

**G03683103**

**Fig. 35: Checking Resistance Between No. 7 Terminal And No. 16 Terminal Of SRS Unit Connector A (18P)**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the resistance as specified?*

**YES** -Faulty SRS unit or poor connection at the SRS unit connector A (18P) and at the SRS unit, check the connection between the connector and the SRS unit. If the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

**NO** -Open or increased resistance in the floor wire harness; replace the floor wire harness.



**DTC 1-3: SHORT TO ANOTHER WIRE OR DECREASED RESISTANCE IN DRIVER'S AIRBAG INFLATOR**

**Special Tools Required**

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A

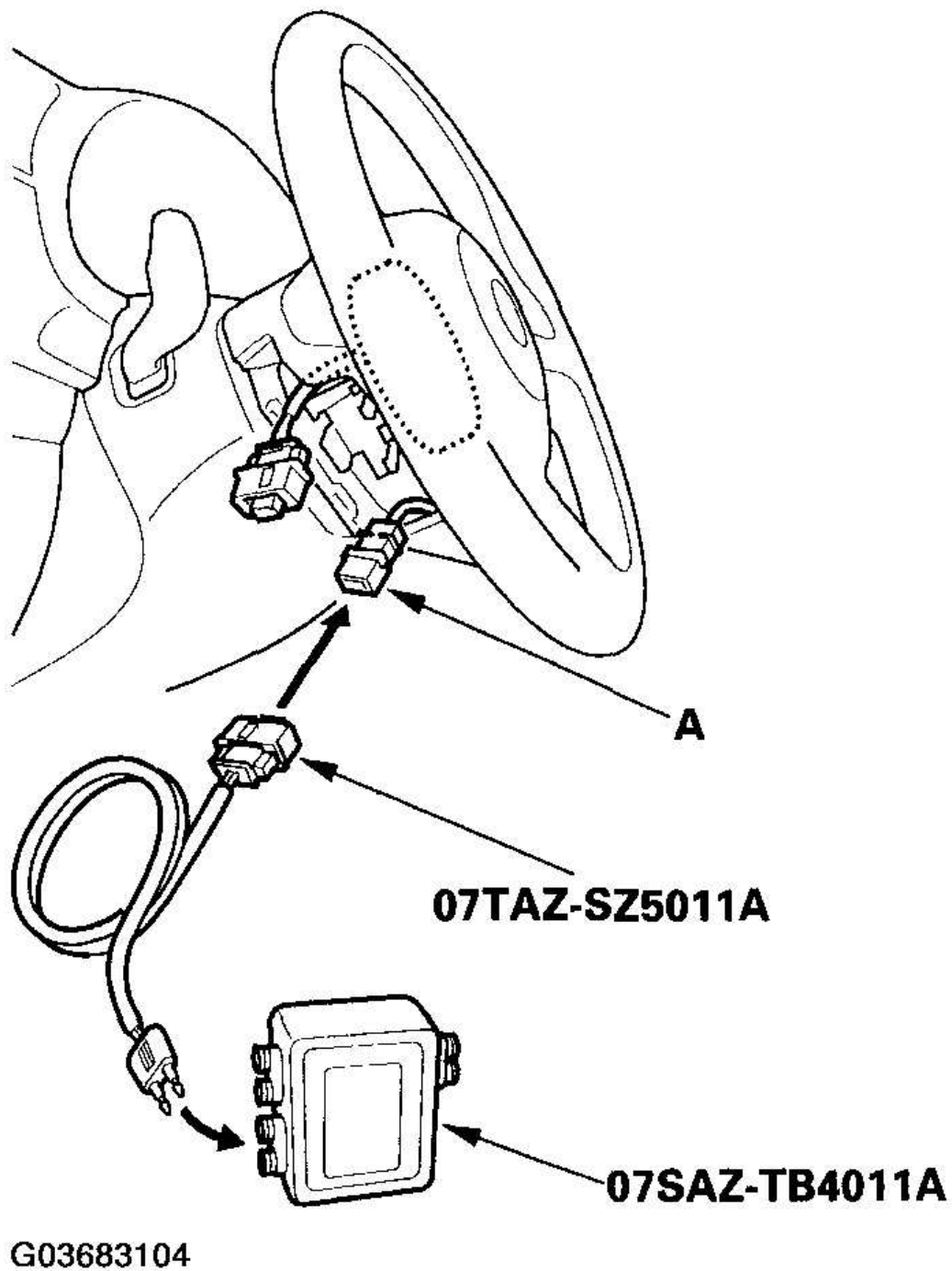
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

*Does the SRS indicator stay on, and is DTC 1-3 indicated?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

3. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the driver's airbag 2P connector from the cable reel (A).



**Fig. 36: Connecting SRS Inflator Simulator And Simulator Lead C To Cable Reel**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

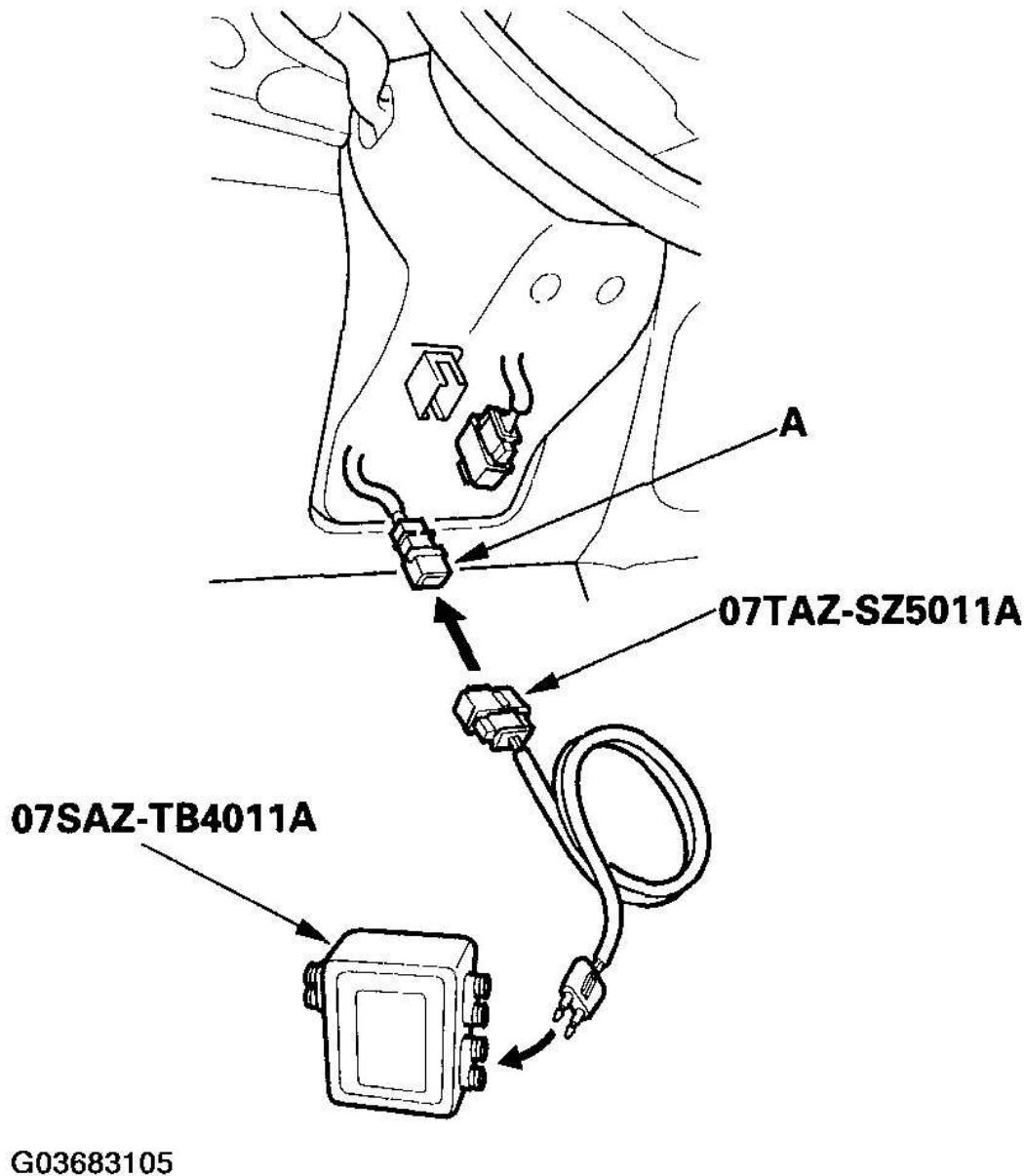
5. Connect the SRS inflator simulator (2 ohm connector) and simulator lead C to the cable reel.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 1-3 indicated?*

**YES** -Go to step 9.

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

9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the cable reel 2P connector from the floor wire harness (A).



**Fig. 37: Connecting SRS Inflator Simulator And Simulator Lead To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

11. Connect the SRS inflator simulator (2 ohm connector) and the simulator lead to the floor wire harness.

## 2006 Honda Insight

2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight

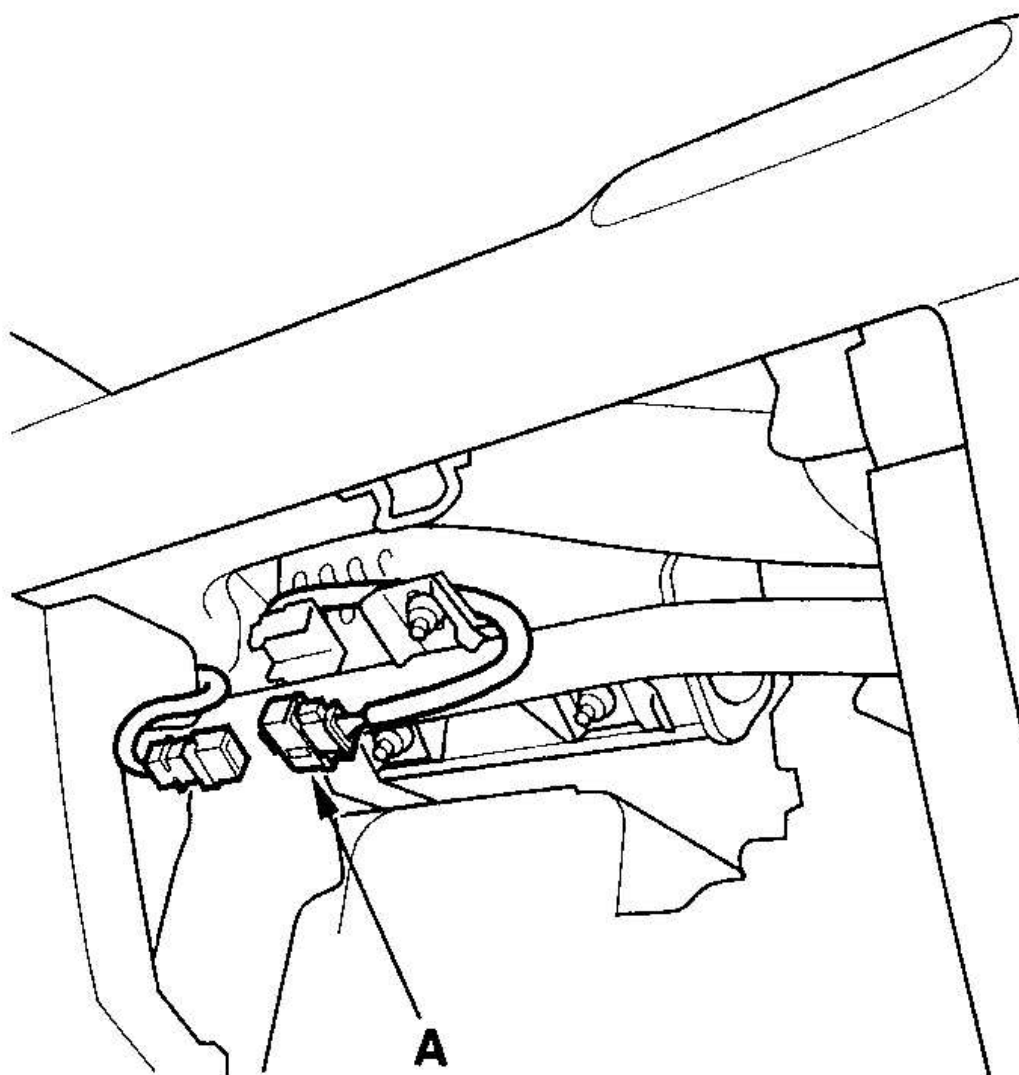
12. Reconnect the battery negative cable.
13. Erase the DTC memory.
14. Read the DTC.

*Is DTC 1-3 indicated?*

**YES** -Go to step 15.

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

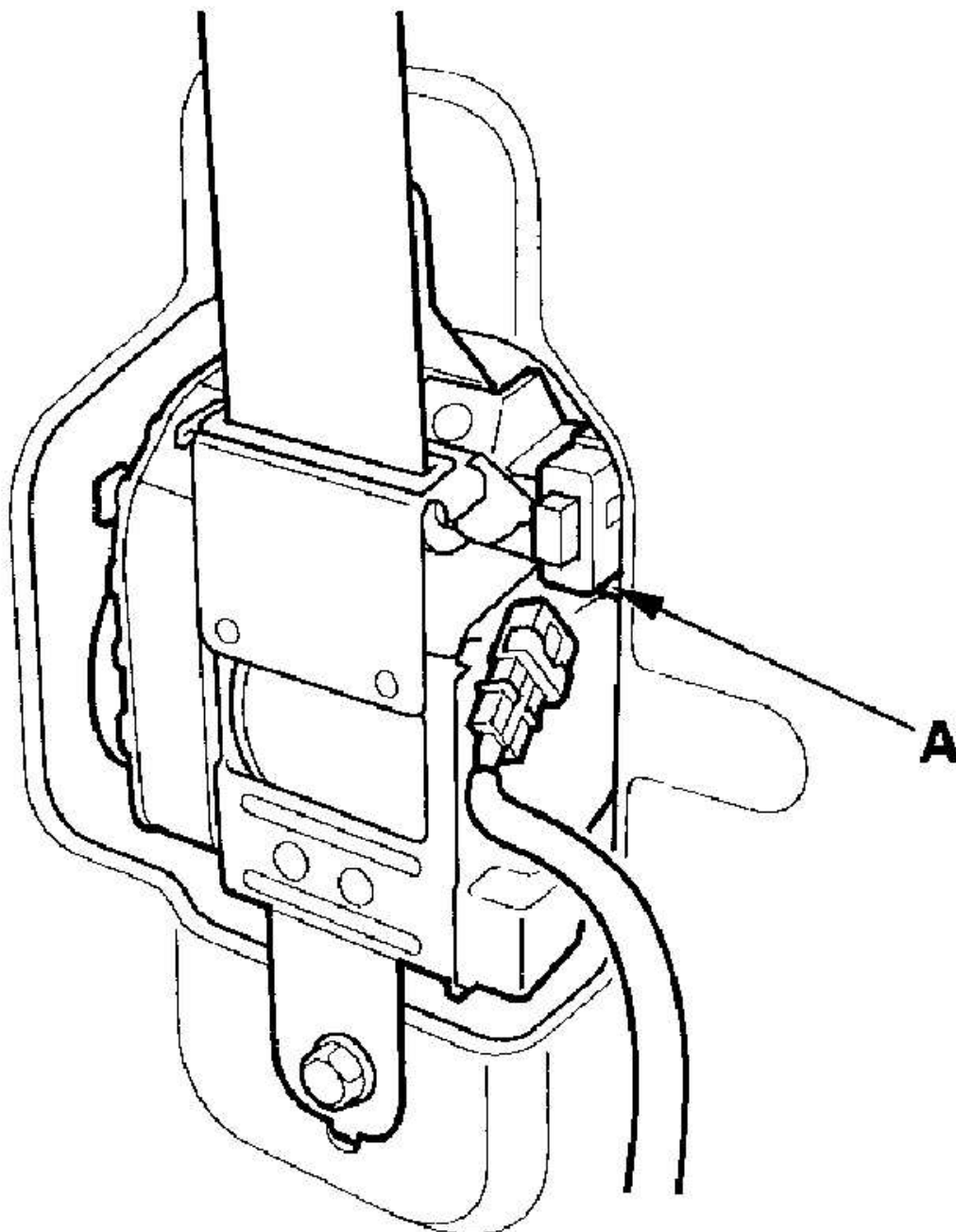
15. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
16. Disconnect the passenger's airbag 2P connector (A).



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**Fig. 38: Disconnecting Passenger's Airbag 2P Connector**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

17. Disconnect both seat belt tensioner 2P connectors (A).

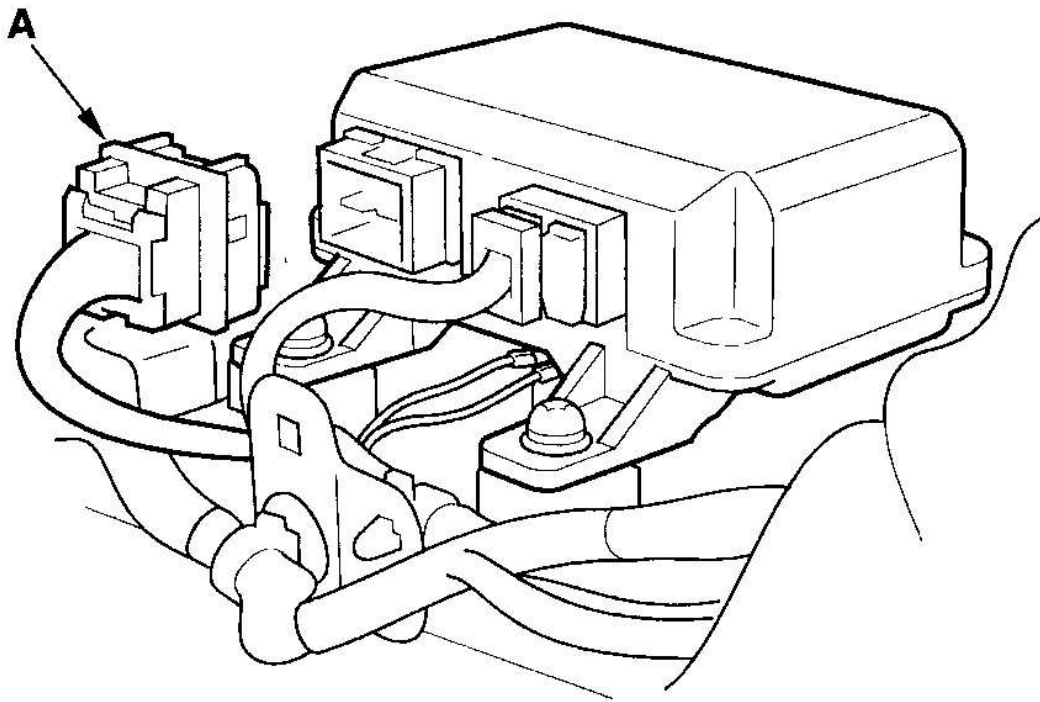


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**Fig. 39: Disconnecting Seat Belt Tensioner 2P Connectors**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

18. Disconnect the simulator lead from the floor wire harness.
19. Disconnect SRS unit connector A (18P) from the SRS unit.

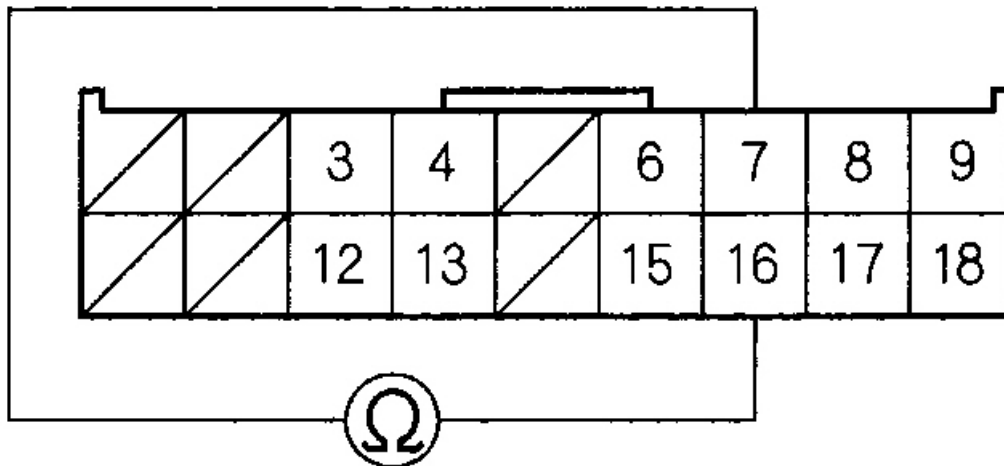


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**Fig. 40: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

20. Check resistance between the No. 7 terminal and the No. 16 terminal of the SRS unit connector A (18P). There should be an open circuit or at least 1 Mohm.



**SRS UNIT CONNECTOR A (18P)**

**Wire side of female terminals**

**G03683109**

**Fig. 41: Checking Resistance Between No. 7 Terminal And No. 16 Terminal Of SRS Unit Connector A (18P)**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the resistance as specified?*

**YES** -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

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

## Special Tools Required

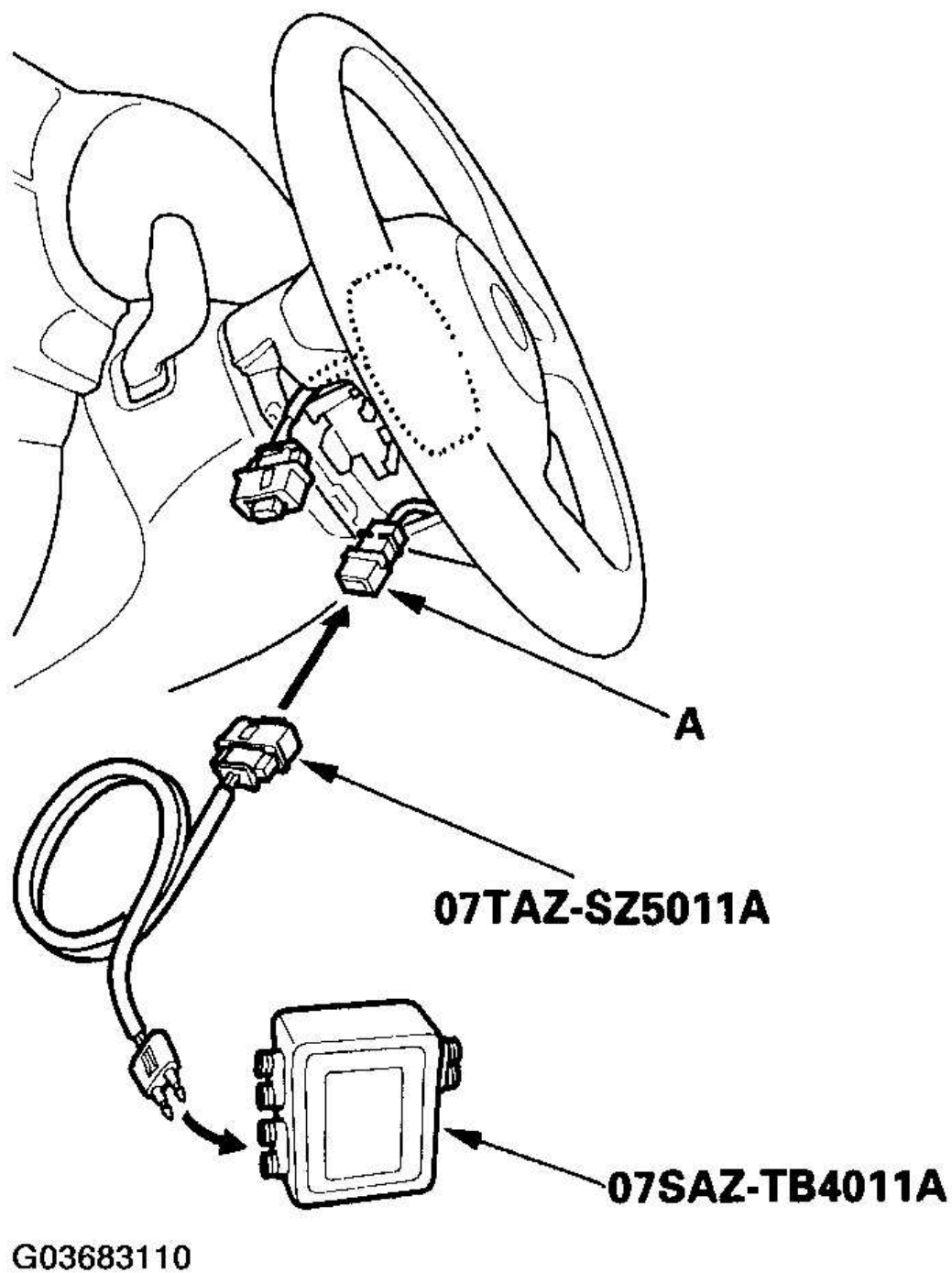
- SRS inflator simulator 07SAZ-TB4011A
  - SRS simulator lead C 07TAZ-SZ5011A
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
  2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

*Does the SRS indicator stay on, and is DTC 1-4 indicated?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

3. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the driver's airbag 2P connector from the cable reel (A).



**Fig. 42: Connecting SRS Inflator Simulator And Simulator Lead C To Cable Reel**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

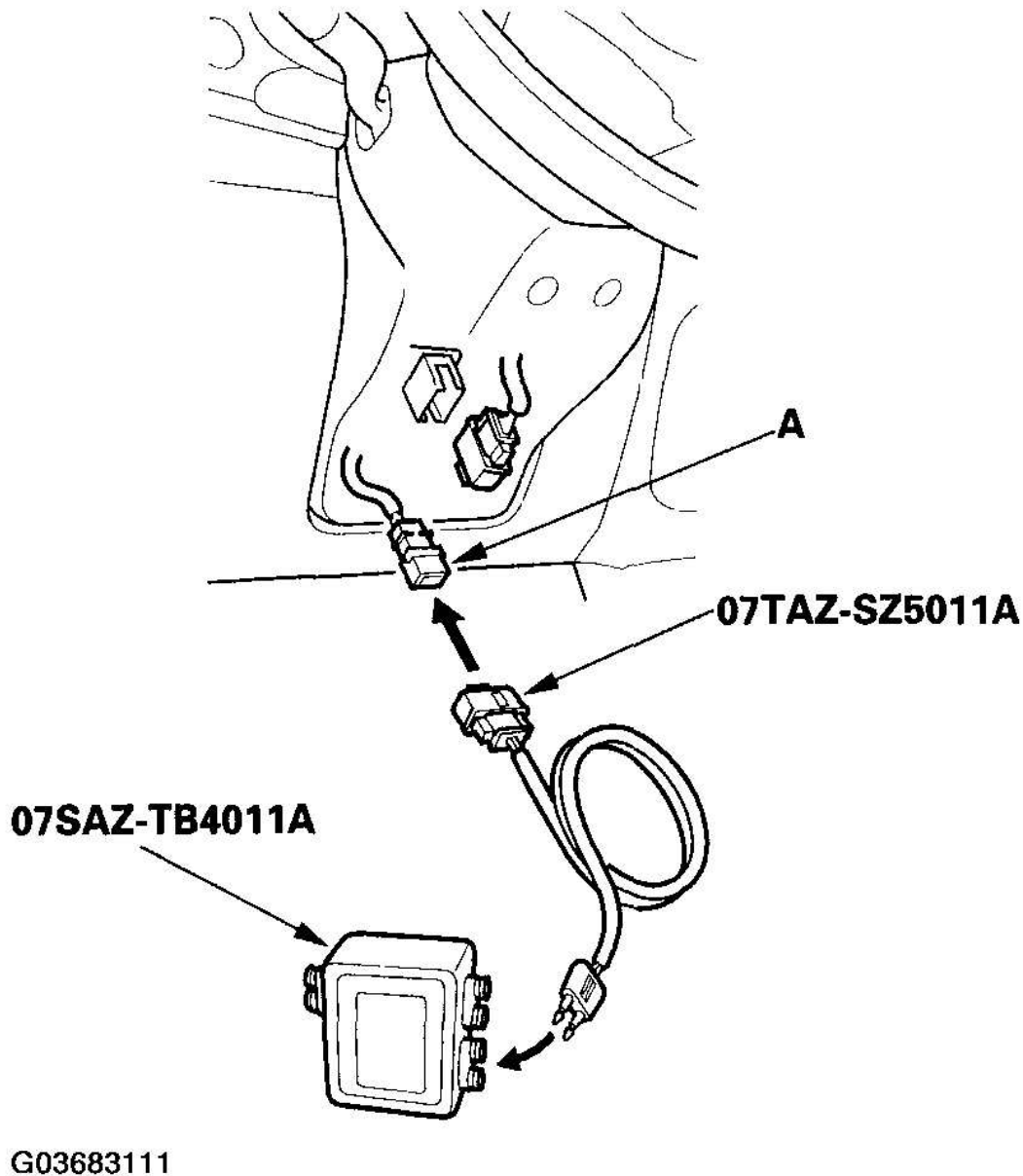
5. Connect the SRS inflator simulator (2 ohm connector) and simulator lead C to the cable reel.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 1-4 indicated?*

**YES** -Go to step 9.

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

9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the cable reel 2P connector from the floor wire harness (A).



**Fig. 43: Connecting SRS Inflator Simulator And Simulator Lead To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

11. Connect the SRS inflator simulator (2 ohm connector) and the simulator lead to the floor wire harness.

## 2006 Honda Insight

2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight

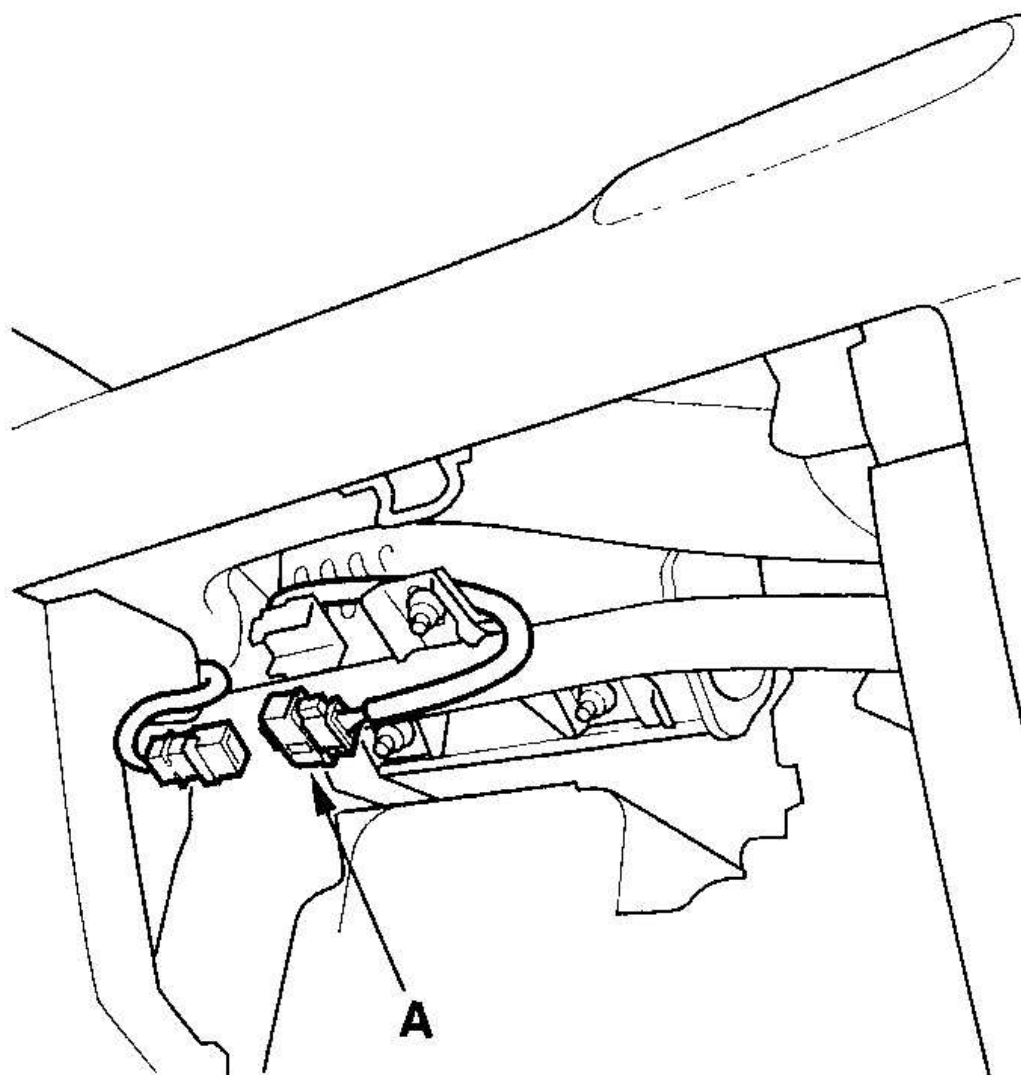
12. Reconnect the battery negative cable.
13. Erase the DTC memory.
14. Read the DTC.

*Is DTC 1-4 indicated?*

**YES** -Go to step 15.

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

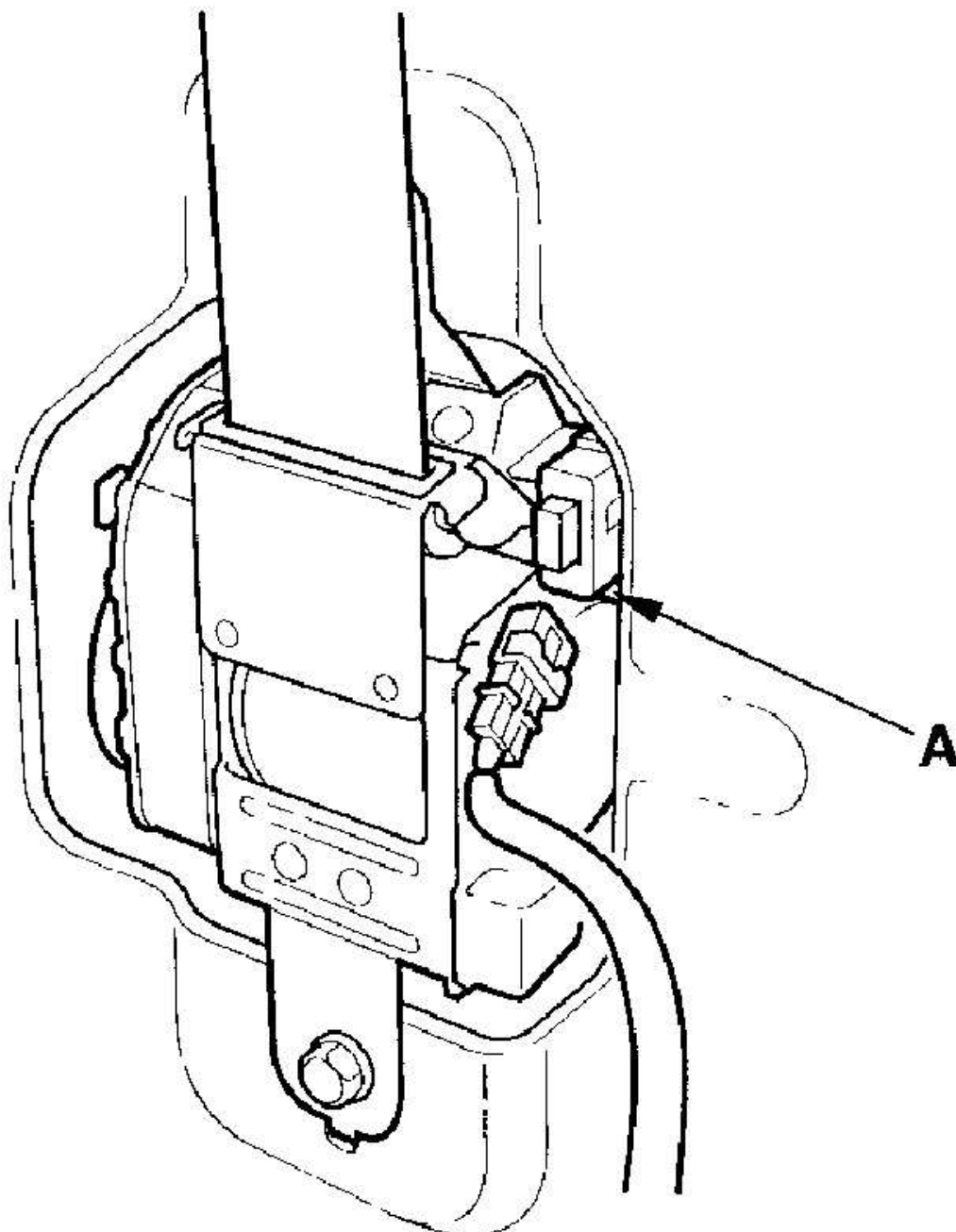
15. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
16. Disconnect the passenger's airbag 2P connector (A).



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**Fig. 44: Disconnecting Passenger's Airbag 2P Connector**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

17. Disconnect both seat belt tensioner 2P connectors (A).



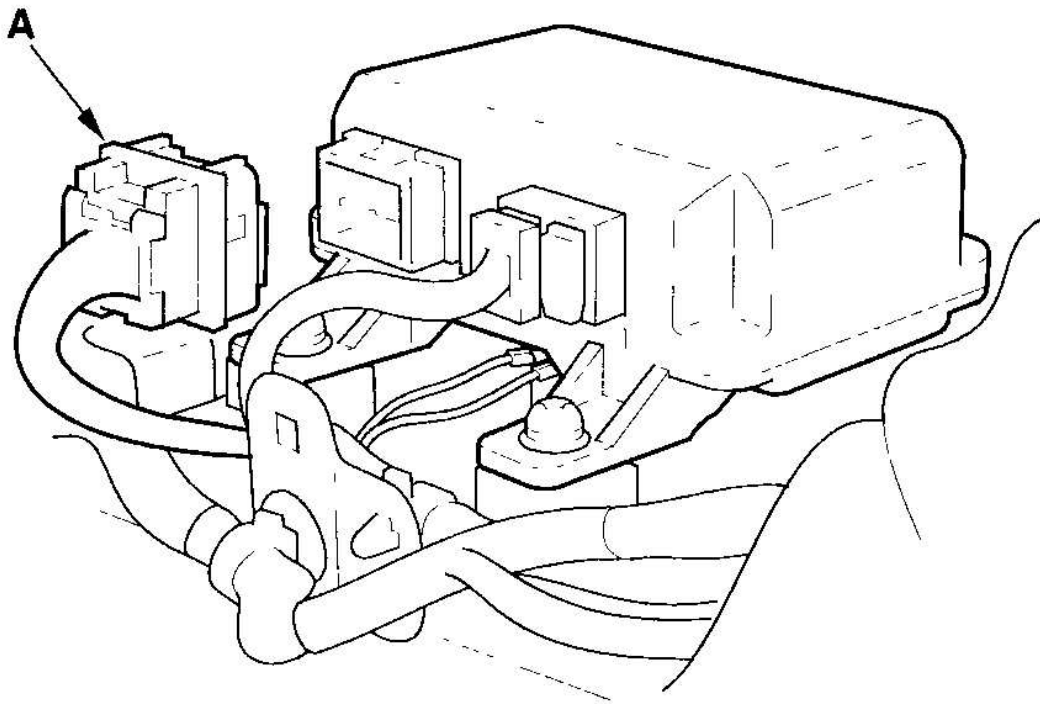
G03683113

**Fig. 45: Disconnecting Seat Belt Tensioner 2P Connectors**



**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

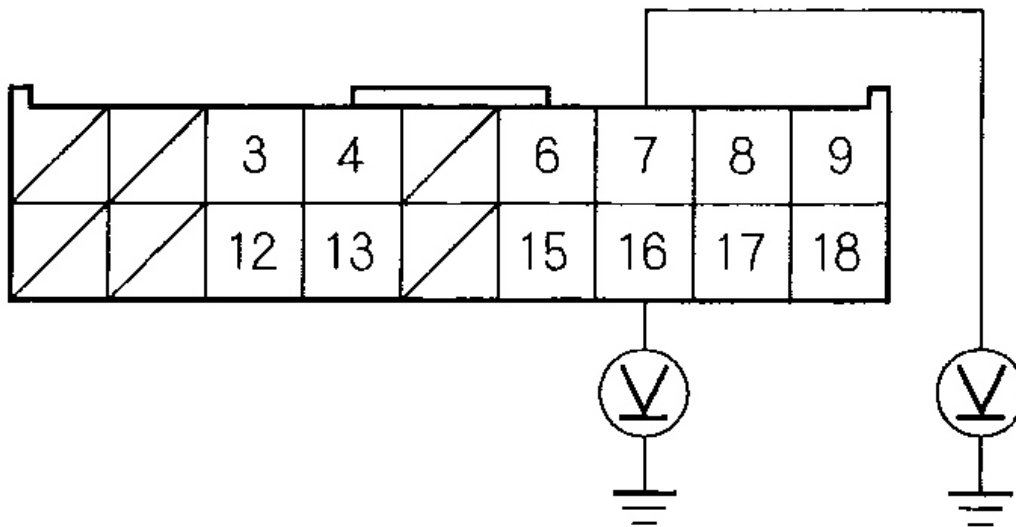
18. Disconnect the simulator lead from the floor wire harness.
19. Disconnect SRS unit connector A (18P) from the SRS unit.



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**Fig. 46: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

20. Reconnect the battery negative cable.
21. Turn the ignition switch ON (II).
22. Check for voltage between the No. 7 terminal of SRS unit connector A (18P) and body ground, and the No. 16 terminal and body ground. There should be 0.5 V or less.

**SRS UNIT CONNECTOR A (18P)**

Wire side of female terminals

G03683115

**Fig. 47: Checking Voltage Between No. 7 Terminal Of SRS Unit Connector A (18P) And Body Ground**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

*Is the voltage as specified?*

**YES** -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

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

**DTC 1-5: SHORT TO GROUND IN DRIVER'S AIRBAG INFLATOR**

**Special Tools Required**

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A

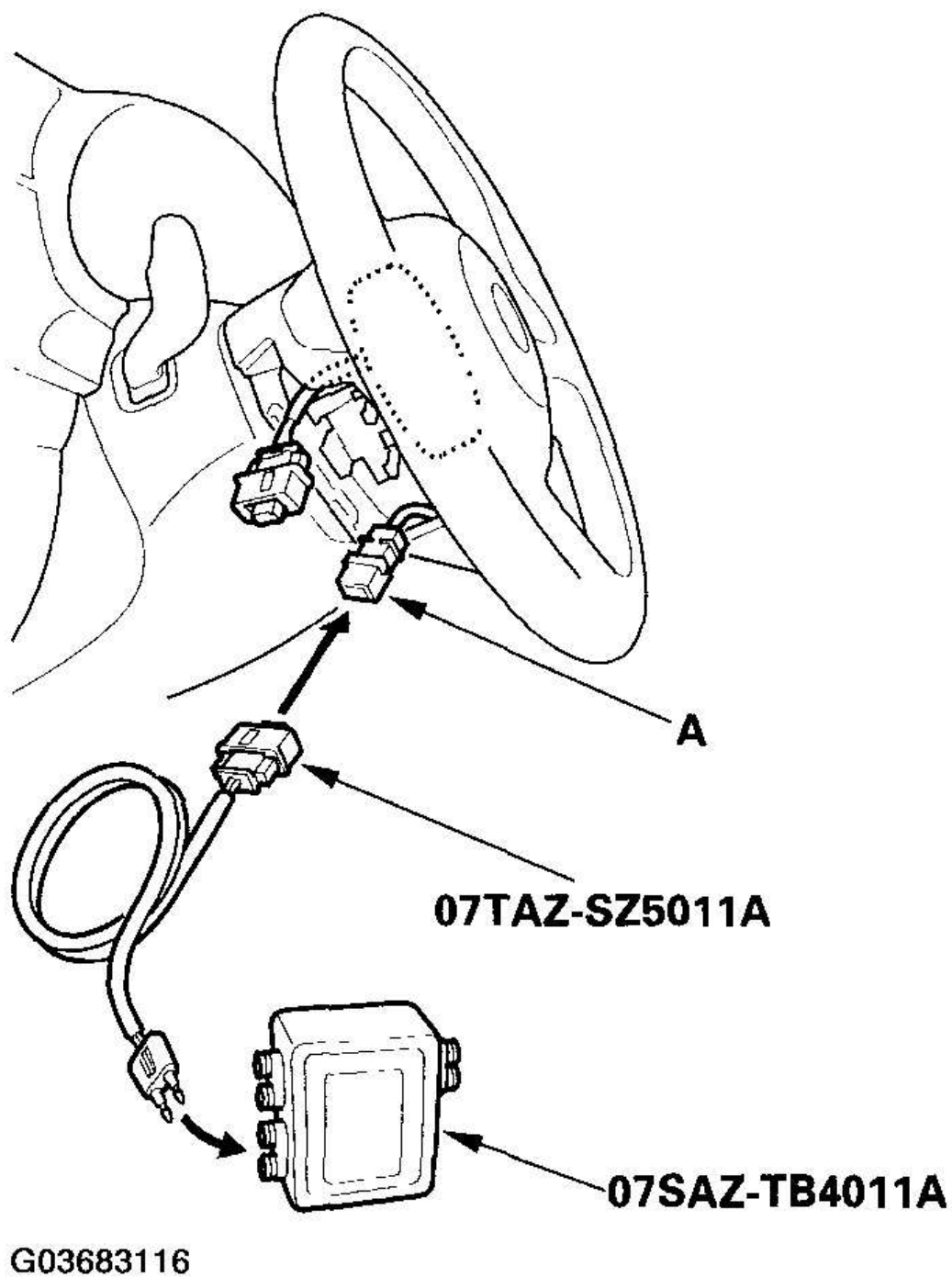
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

*Does the SRS indicator stay on, and is DTC 1-5 indicated?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

3. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the driver's airbag 2P connector from the cable reel (A).



**Fig. 48: Connecting SRS Inflator Simulator And Simulator Lead C To Cable Reel**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

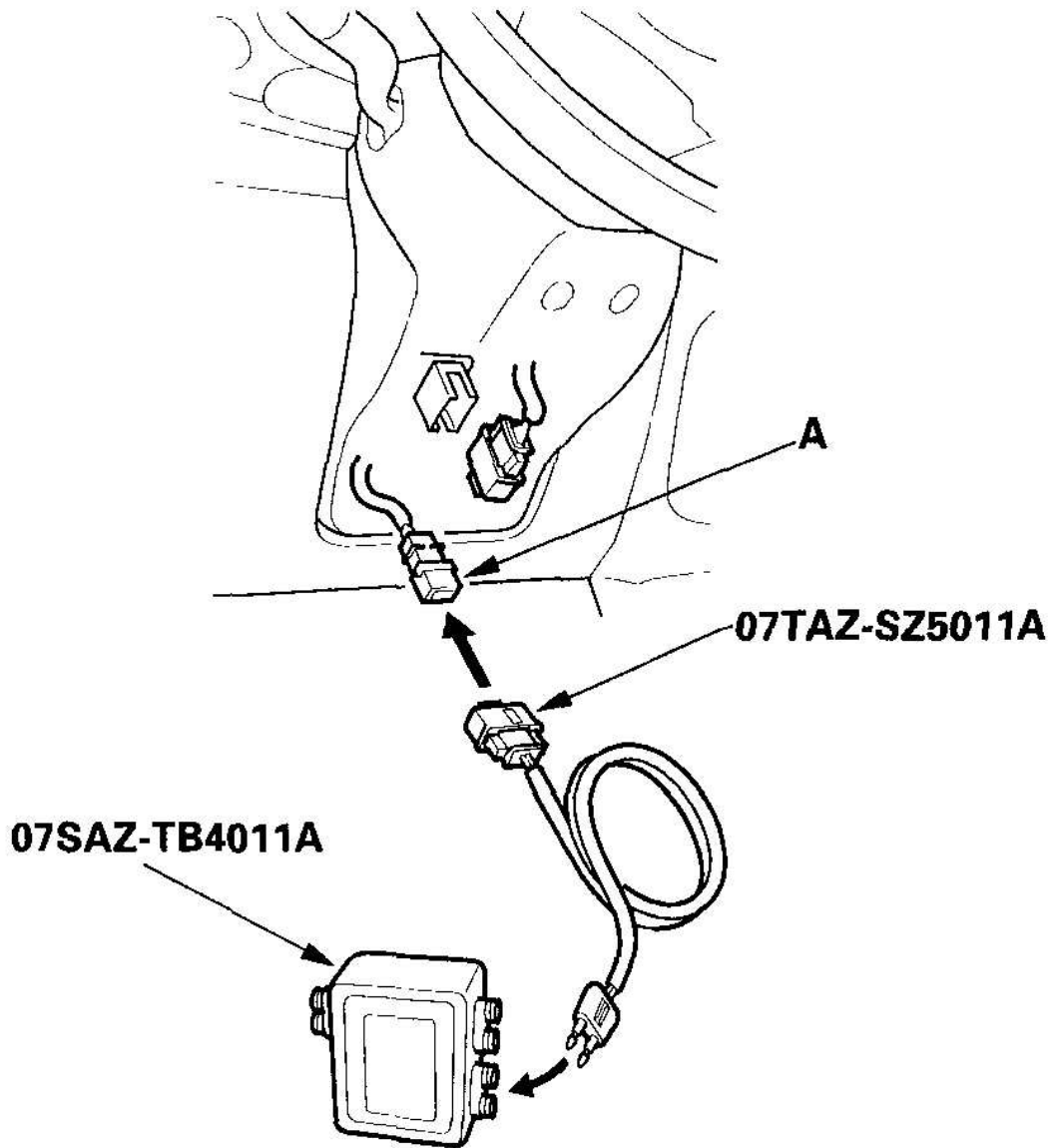
5. Connect the SRS inflator simulator (2 ohm connector) and simulator lead C to the cable reel.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 1-5 indicated?*

**YES** -Go to step 9.

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

9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the cable reel 2P connector from the floor wire harness (A).



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**Fig. 49: Connecting SRS Inflator Simulator And Simulator Lead To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

11. Connect the SRS inflator simulator (2 ohm connector) and the simulator lead to the floor wire harness.

## 2006 Honda Insight

2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight

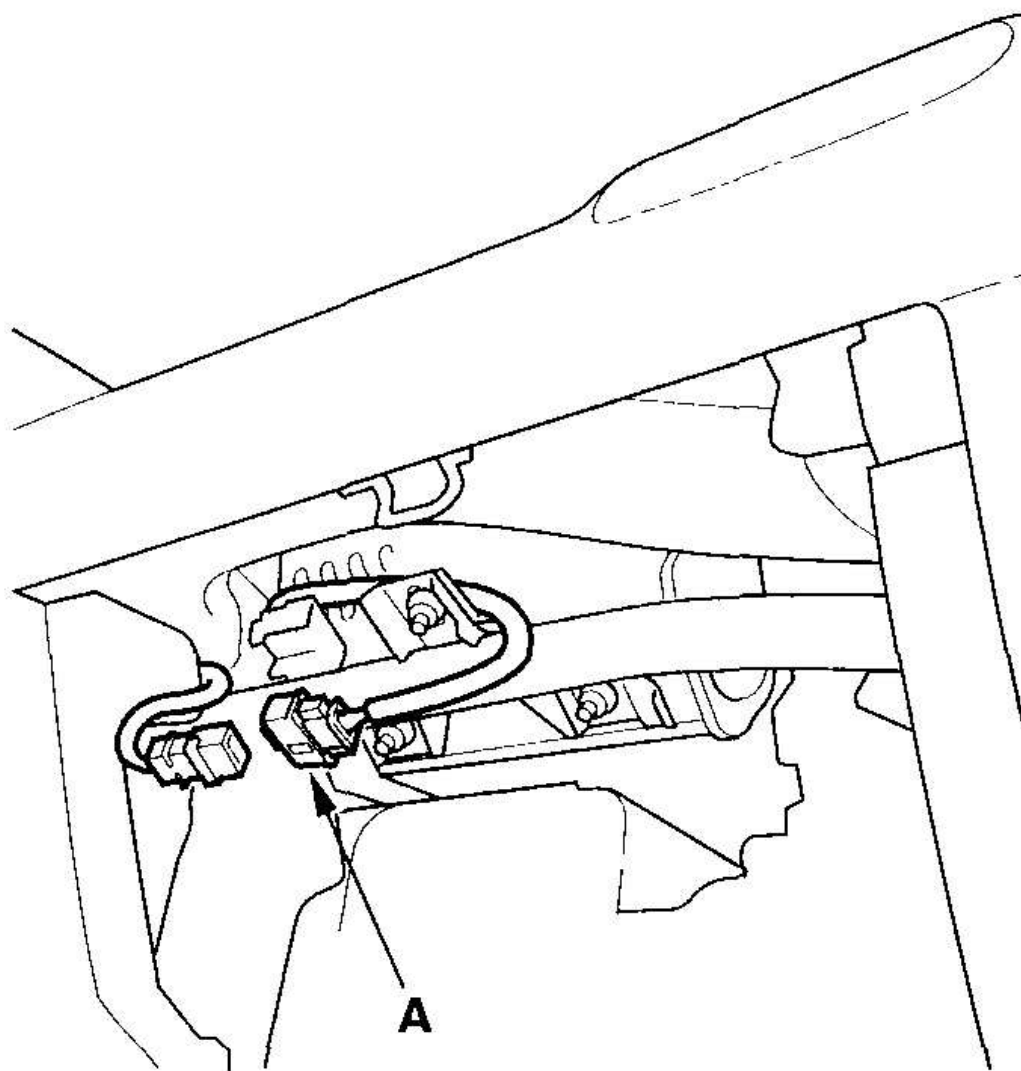
12. Reconnect the battery negative cable.
13. Erase the DTC memory.
14. Read the DTC.

*Is DTC 1-5 indicated?*

**YES** -Go to step 15.

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

15. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
16. Disconnect the passenger's airbag 2P connector (A).

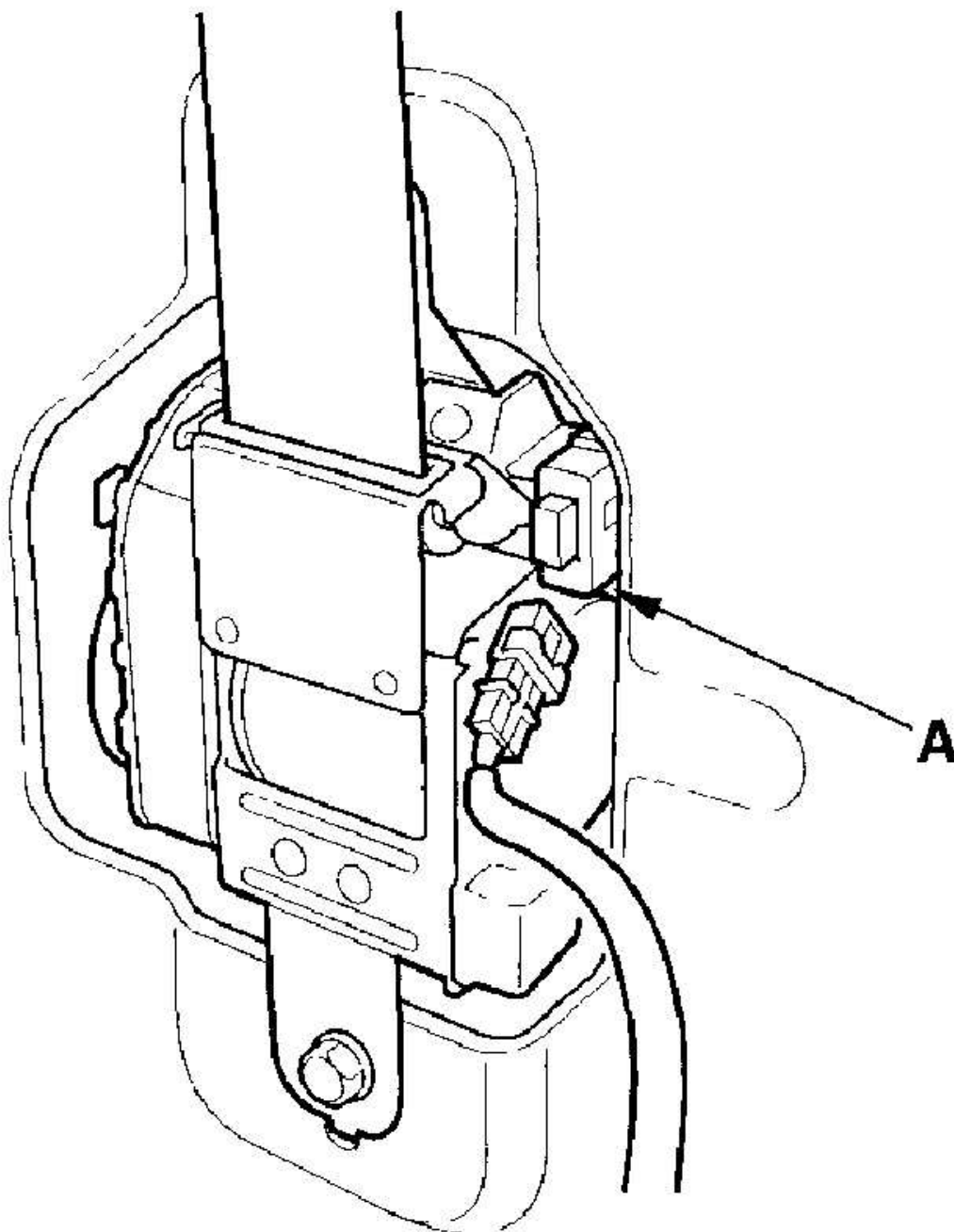


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**Fig. 50: Disconnecting Passenger's Airbag 2P Connector**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

17. Disconnect both seat belt tensioner 2P connectors (A).



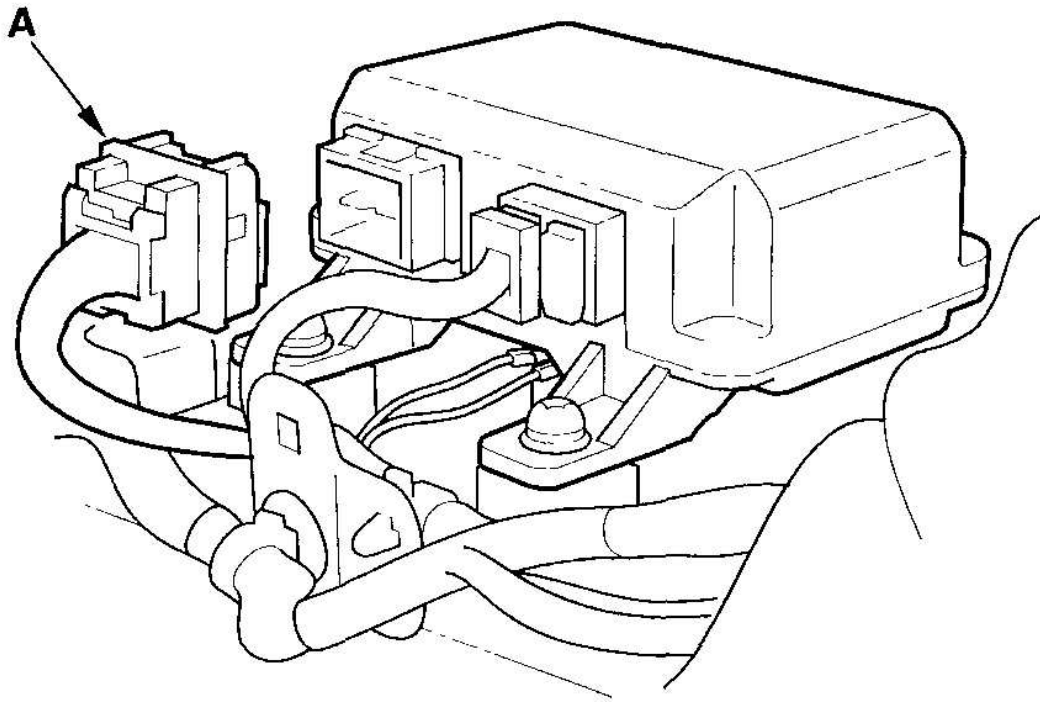


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**Fig. 51: Disconnecting Seat Belt Tensioner 2P Connectors**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

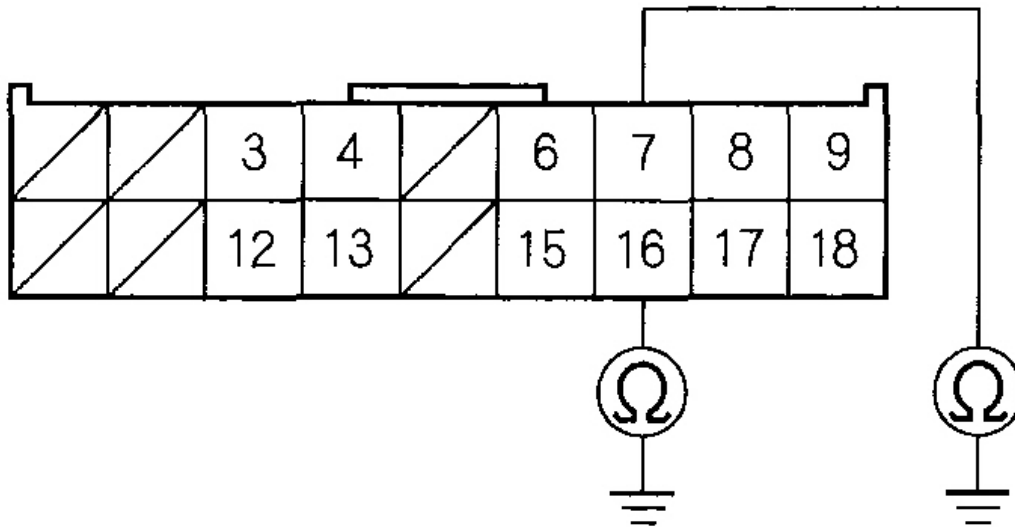
18. Disconnect the simulator lead from the floor wire harness.
19. Disconnect SRS unit connector A (18P) from the SRS unit.



G03683120

**Fig. 52: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

20. Check resistance between the No. 7 terminal of SRS unit connector A (18P) and body ground, and the No. 16 terminal and body ground. There should be an open circuit or at least 1 M ohm.

**SRS UNIT CONNECTOR A (18P)**

Wire side of female terminals

G03683121

**Fig. 53: Checking Resistance Between No. 7 Terminal Of SRS Unit Connector A (18P) And Body Ground**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

*Is the resistance as specified?*

**YES** -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

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

**DTC 2-1: OPEN IN PASSENGER'S AIRBAG INFLATOR; DTC 2-2: INCREASED RESISTANCE IN PASSENGER'S AIRBAG INFLATOR**

## Special Tools Required

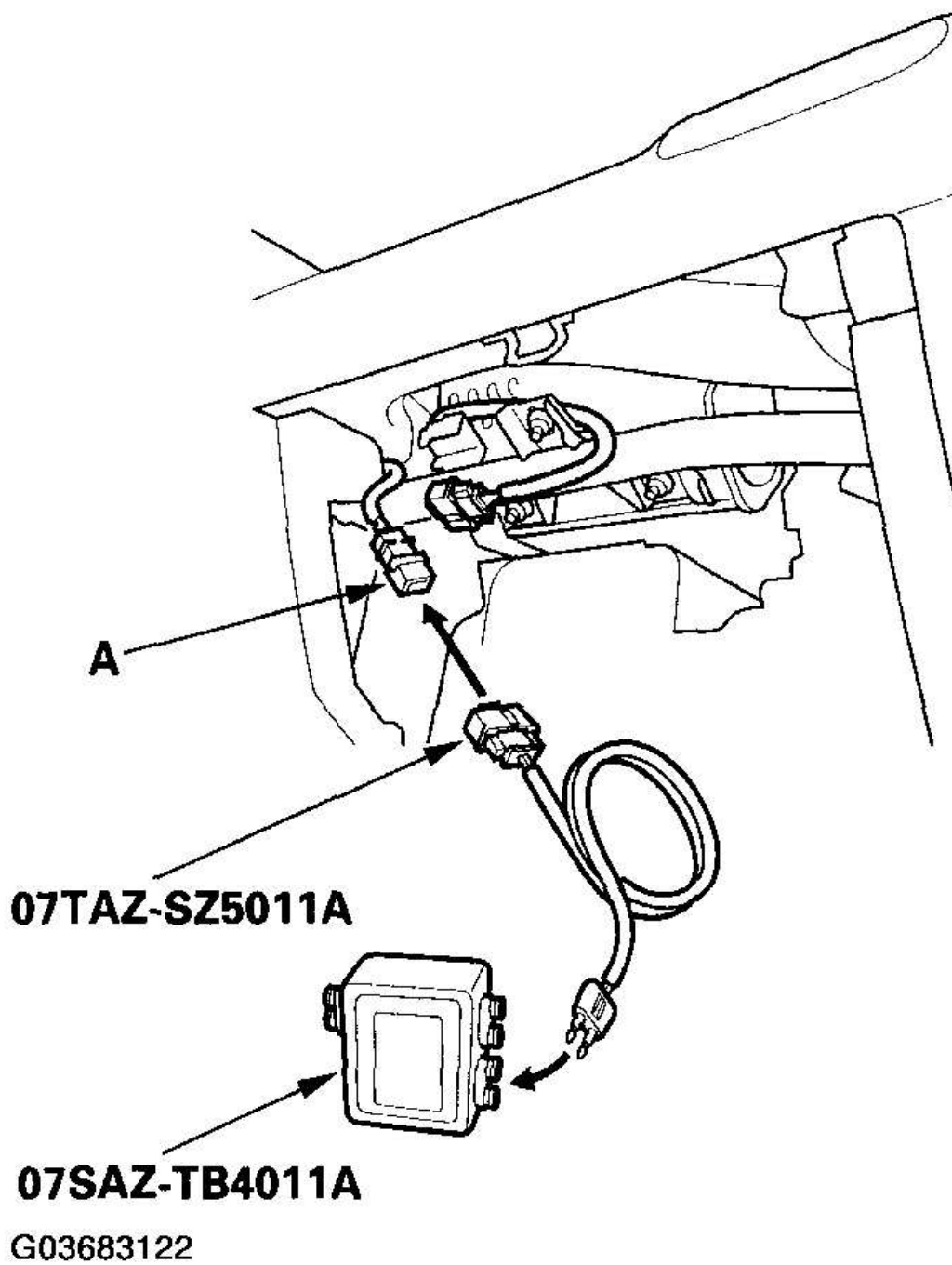
- SRS inflator simulator 07SAZ-TB4011A
  - SRS simulator lead C 07TAZ-SZ5011A
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
  2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

*Does the SRS indicator stay on, and is DTC 2-1 or 2-2 indicated?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

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



**Fig. 54: Connecting SRS Inflator Simulator And Simulator Lead C To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

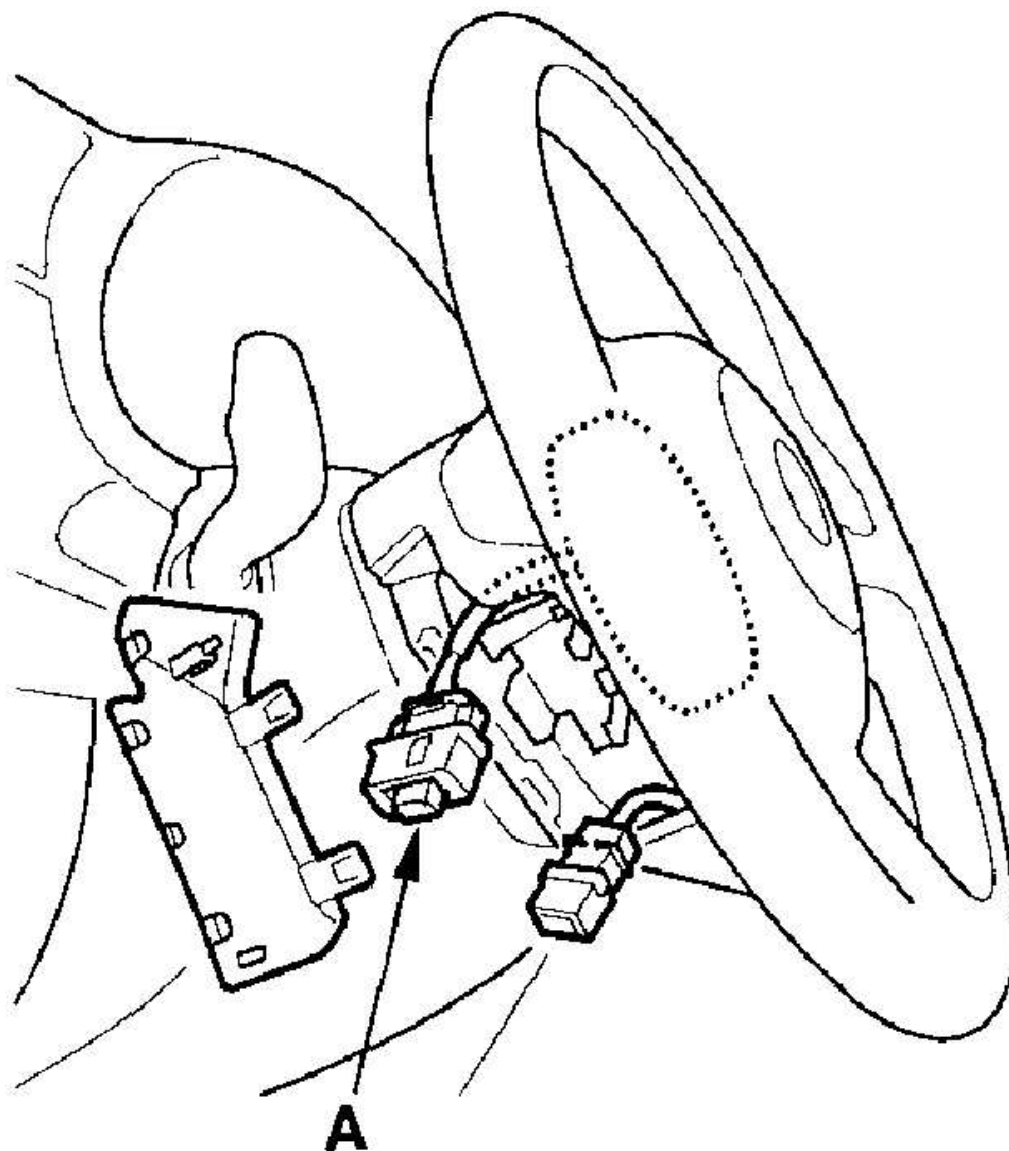
5. Connect the SRS inflator simulator (2 ohm connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 2-1 or 2-2 indicated?*

**YES** -Go to step 9.

**NO** -Open or increased resistance in the passenger's airbag inflator; replace the passenger's airbag (see **PASSENGER'S AIRBAG REPLACEMENT** ).

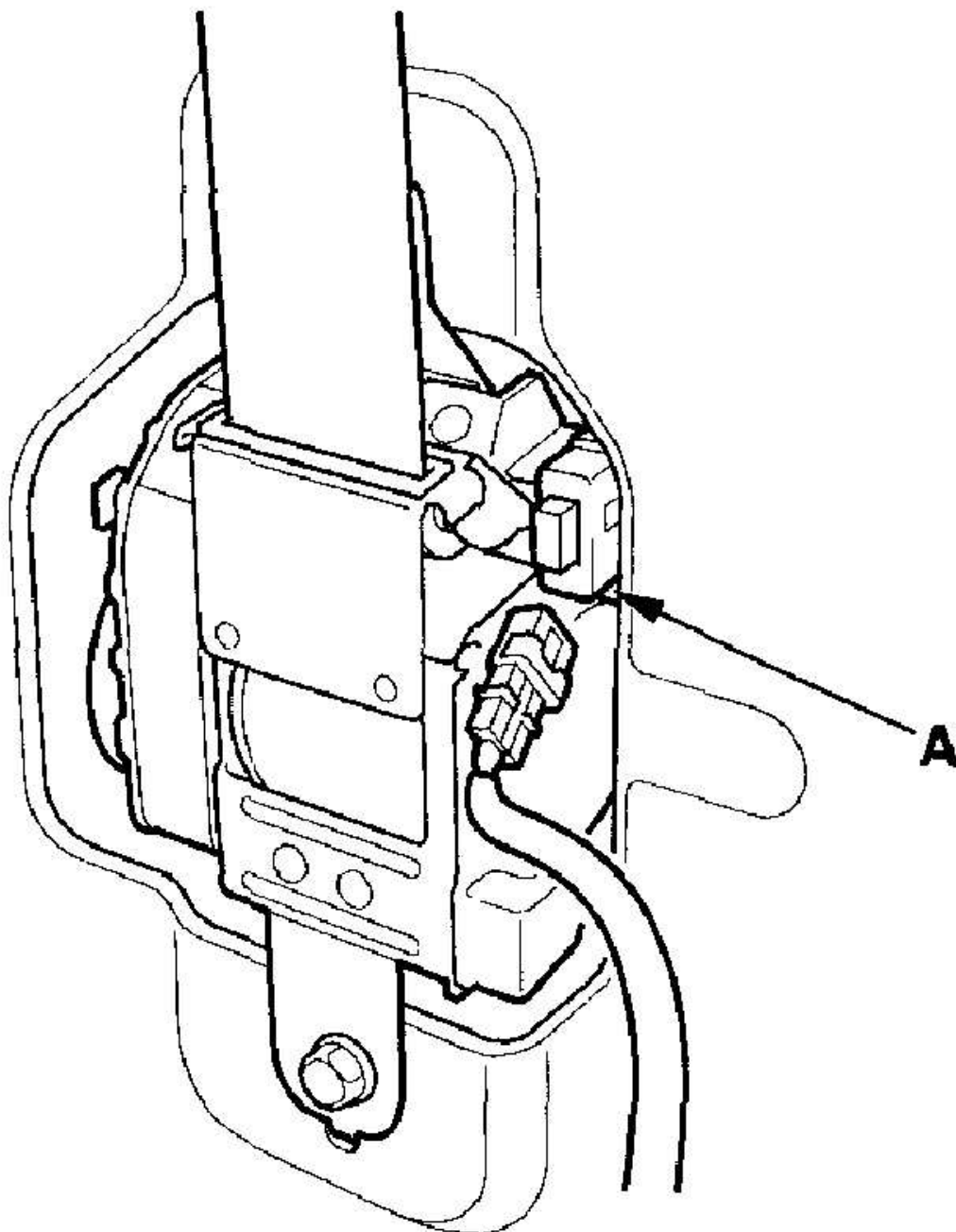
9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's airbag 2P connector (A).



G03683123

**Fig. 55: Disconnecting Driver's Airbag 2P Connector**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

11. Disconnect both seat belt tensioner 2P connectors (A).



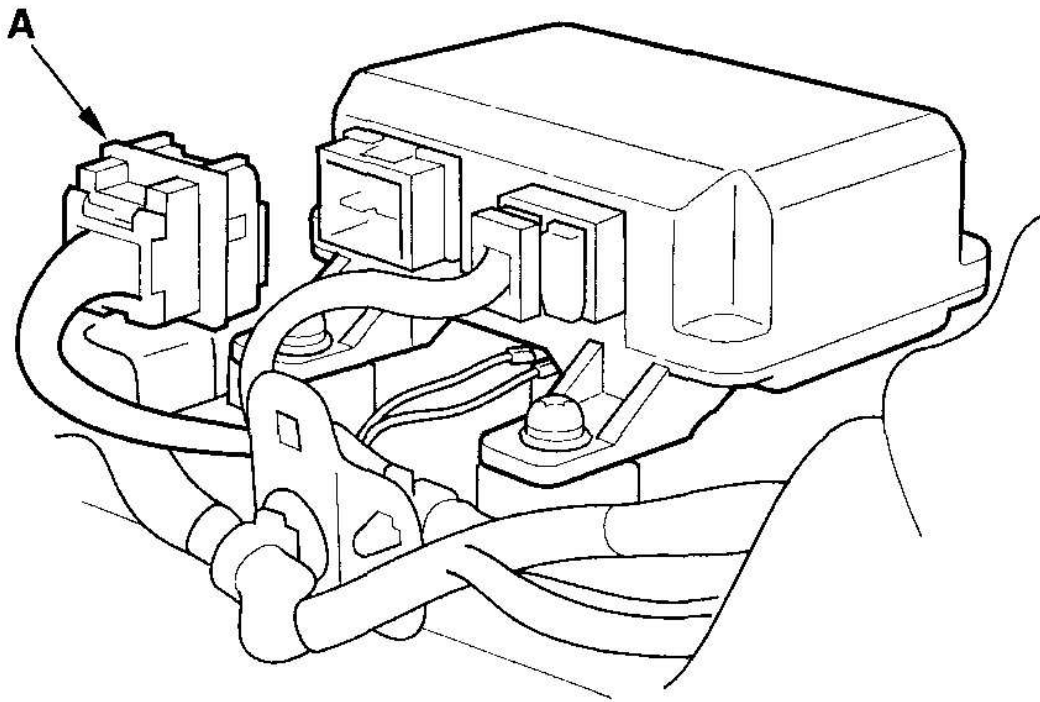
G03683124

**Fig. 56: Disconnecting Seat Belt Tensioner 2P Connectors**



**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

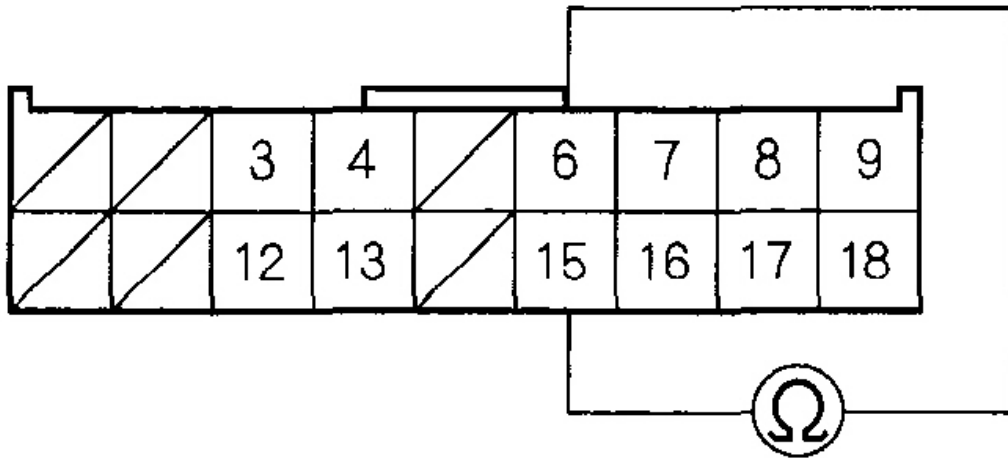
12. Disconnect SRS unit connector A (18P) from SRS unit. Do not disconnect the simulator lead from the floor wire harness.



G03683125

**Fig. 57: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

13. Check resistance between the No. 15 and No. 6 terminals of SRS unit connector A (18P). There should be 2.0-3.0 ohm.

**SRS UNIT CONNECTOR A (18P)**

Wire side of female terminals

G03683126

**Fig. 58: Checking Resistance Between No. 15 And No. 6 Terminals Of SRS Unit Connector A (18P)**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the resistance as specified?*

**YES** -Faulty SRS unit or poor connection at the SRS unit connector A (18P). Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

**NO** -Open or increased resistance in the floor wire harness; replace the floor wire harness.

**AIRBAG INFLATOR.**

**Special Tools Required**

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A

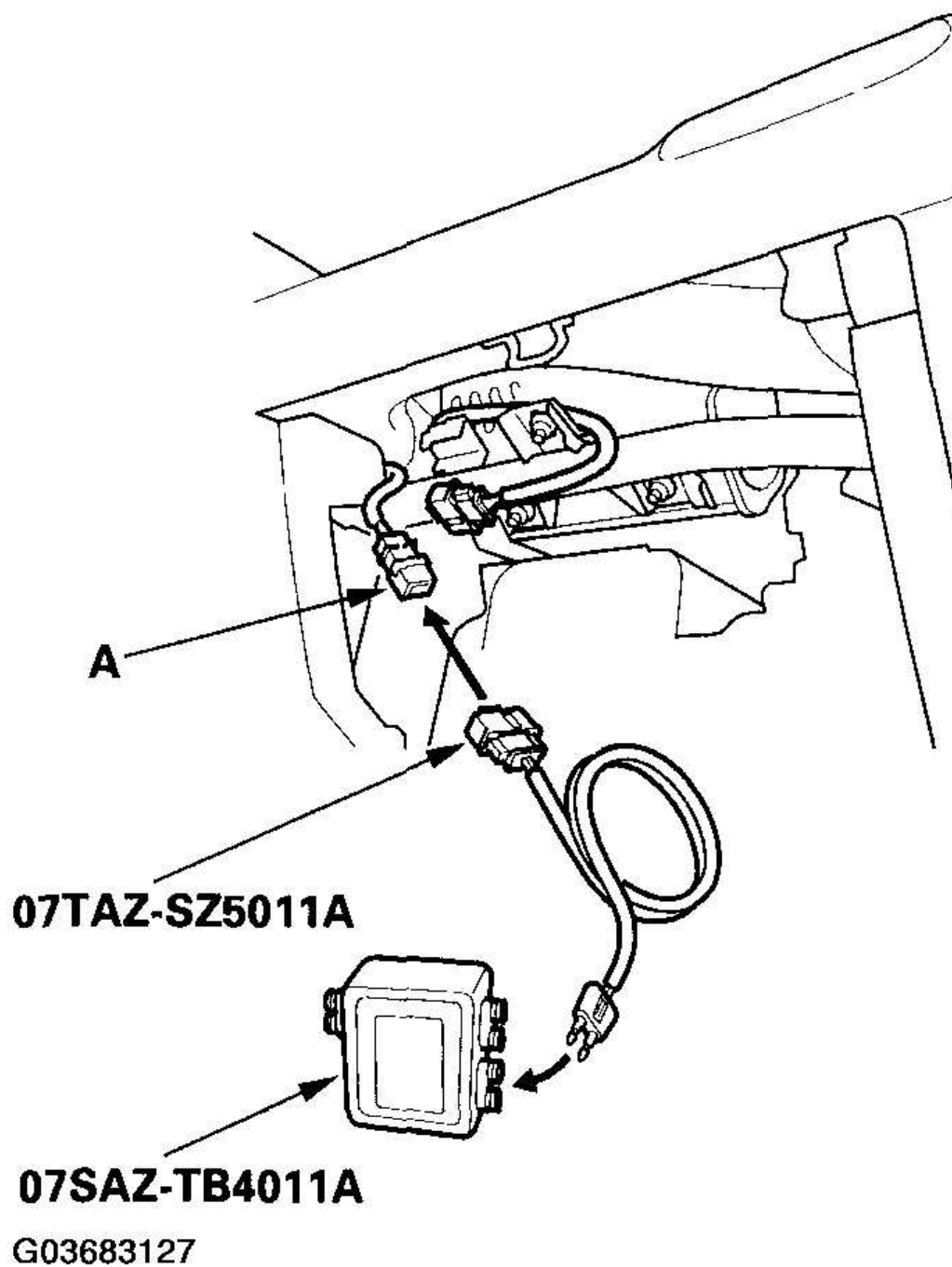
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

*Does the SRS indicator stay on, and is DTC 2-3 indicated?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

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



**Fig. 59: Connecting SRS Inflator Simulator And Simulator Lead C To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

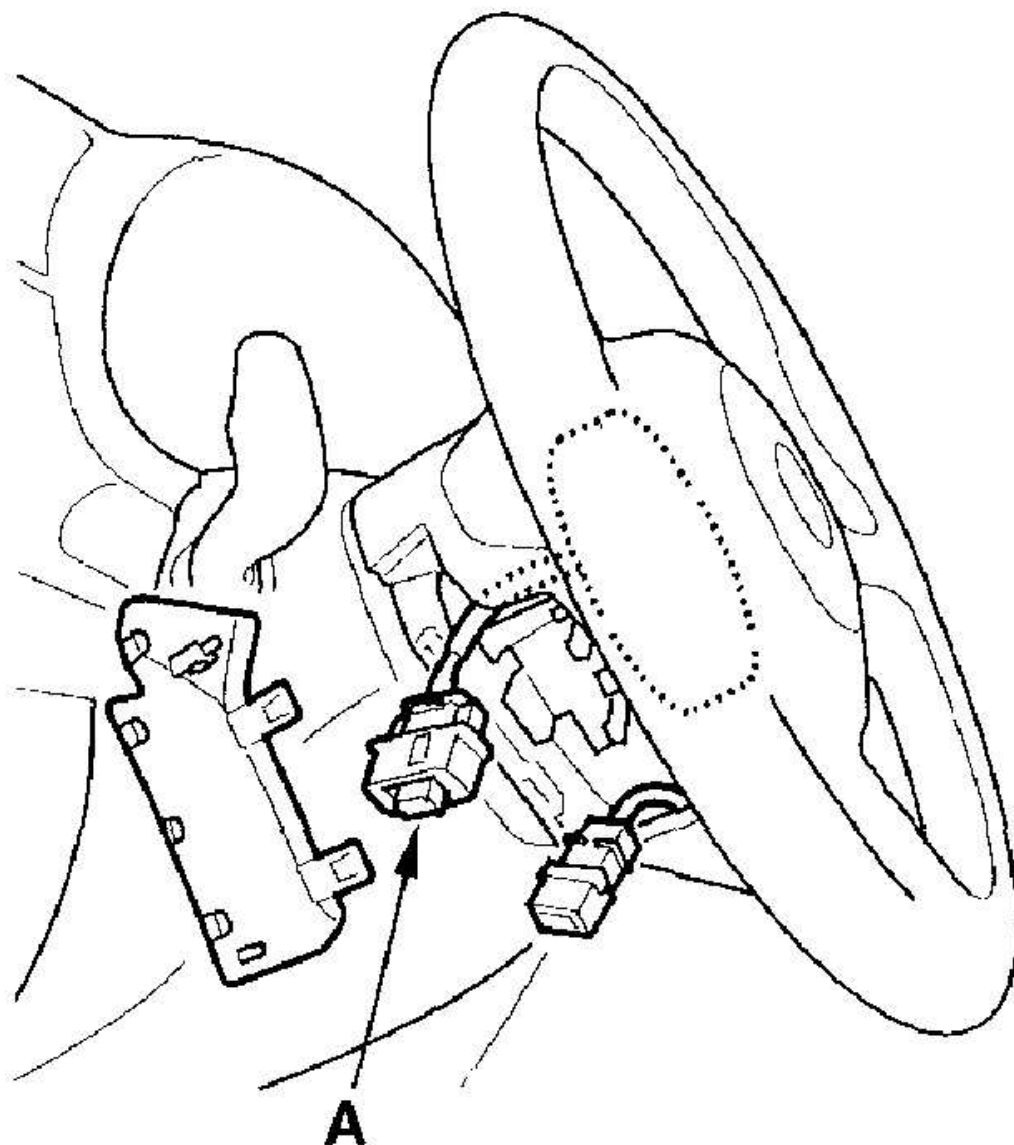
5. Connect the SRS inflator simulator (2 ohm connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 2-3 indicated?*

**YES** -Go to step 9.

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

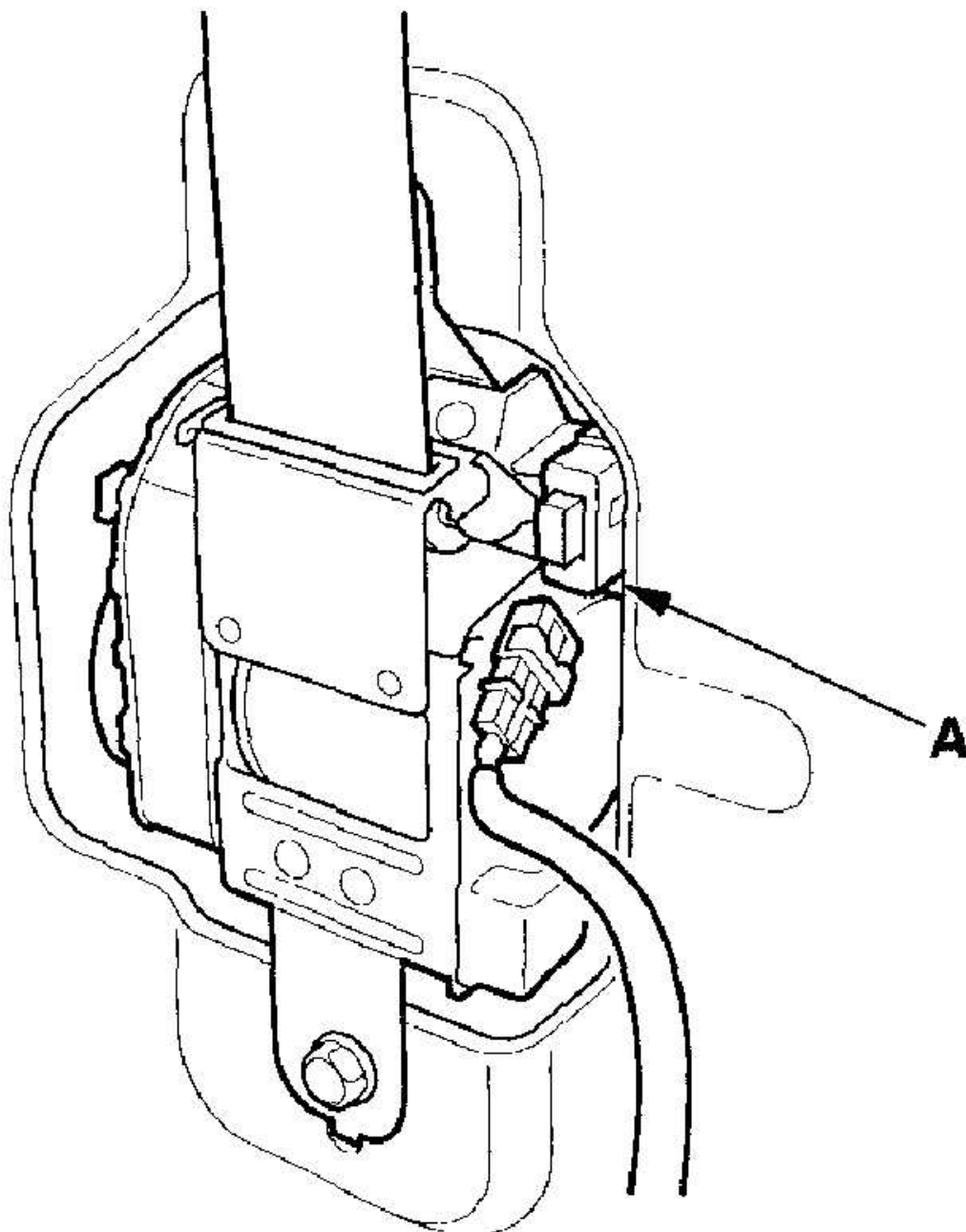
9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's airbag 2P connector (A).



G03683128

**Fig. 60: Disconnecting Driver's Airbag 2P Connector**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

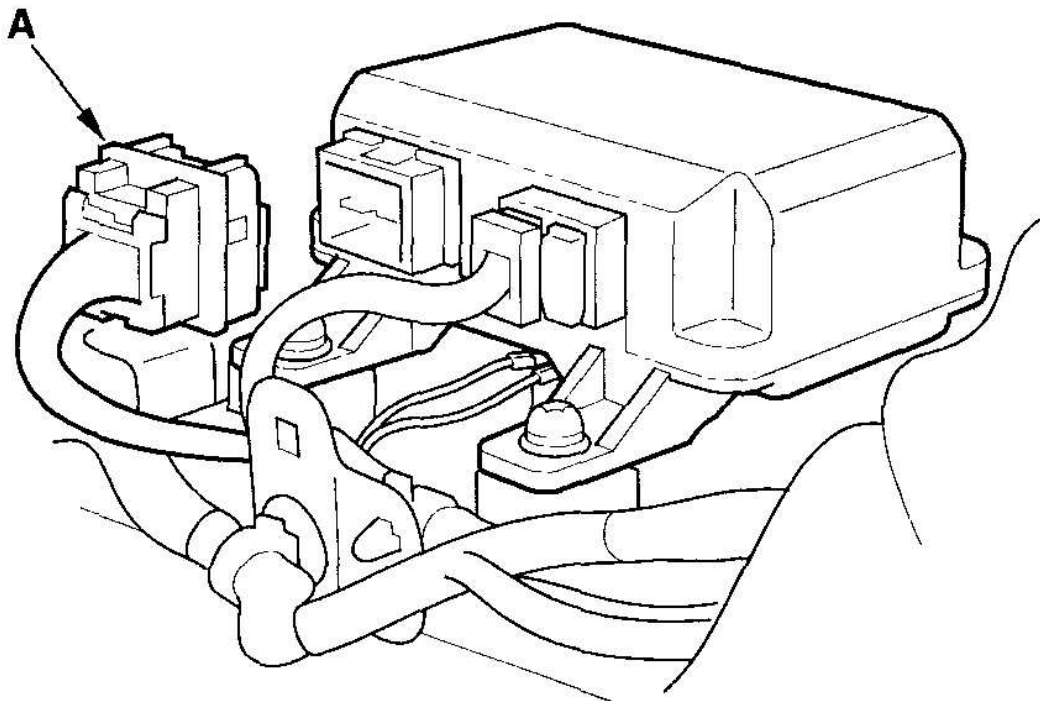
11. Disconnect both seat belt tensioner 2P connectors (A).



G03683129

**Fig. 61: Disconnecting Seat Belt Tensioner 2P Connectors**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

12. Disconnect the simulator lead from the floor wire harness.
13. Disconnect SRS unit connector A (18P) from the SRS unit.

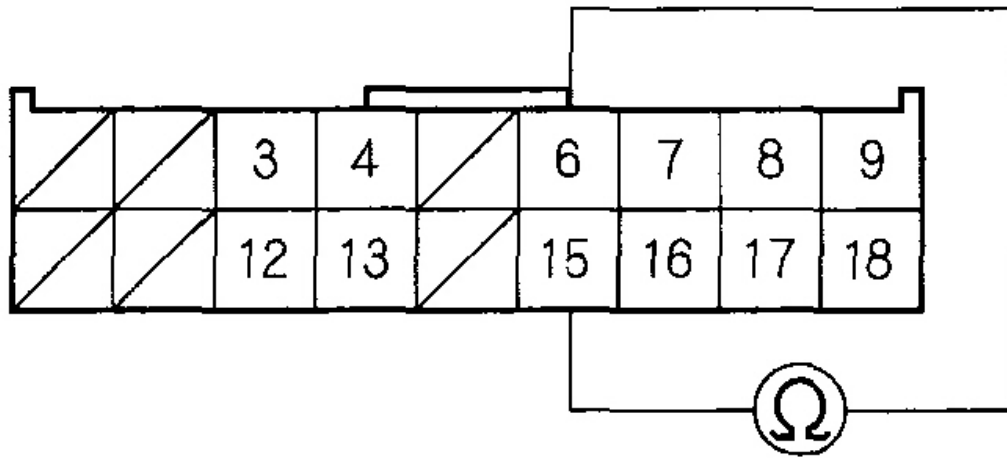


G03683130

**Fig. 62: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

14. Check resistance between the No. 15 and No. 6 terminals of SRS unit connector A (18P). There should be an open circuit or at least 1 Mohm.



**SRS UNIT CONNECTOR A (18P)**

Wire side of female terminals

G03683131

**Fig. 63: Checking Resistance Between No. 15 And No. 6 Terminals Of SRS Unit Connector A (18P)**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the resistance as specified?*

**YES** -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

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

**DTC 2-4: SHORT TO POWER IN PASSENGER'S AIRBAG INFLATOR**

**Special Tools Required**

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A

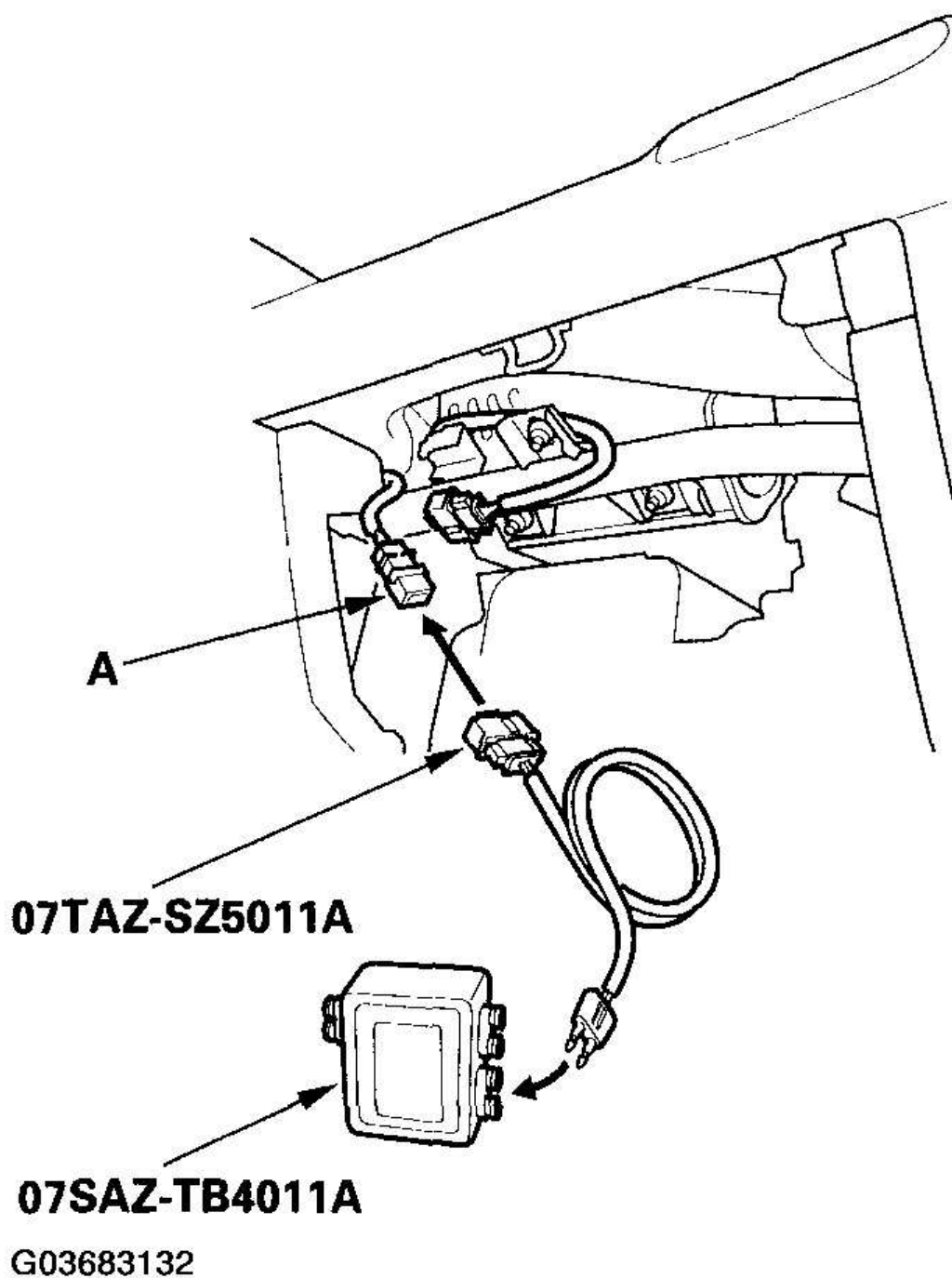
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

*Does the SRS indicator stay on, and is DTC 2-4 indicated?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

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



**Fig. 64: Connecting SRS Inflator Simulator And Simulator Lead C To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

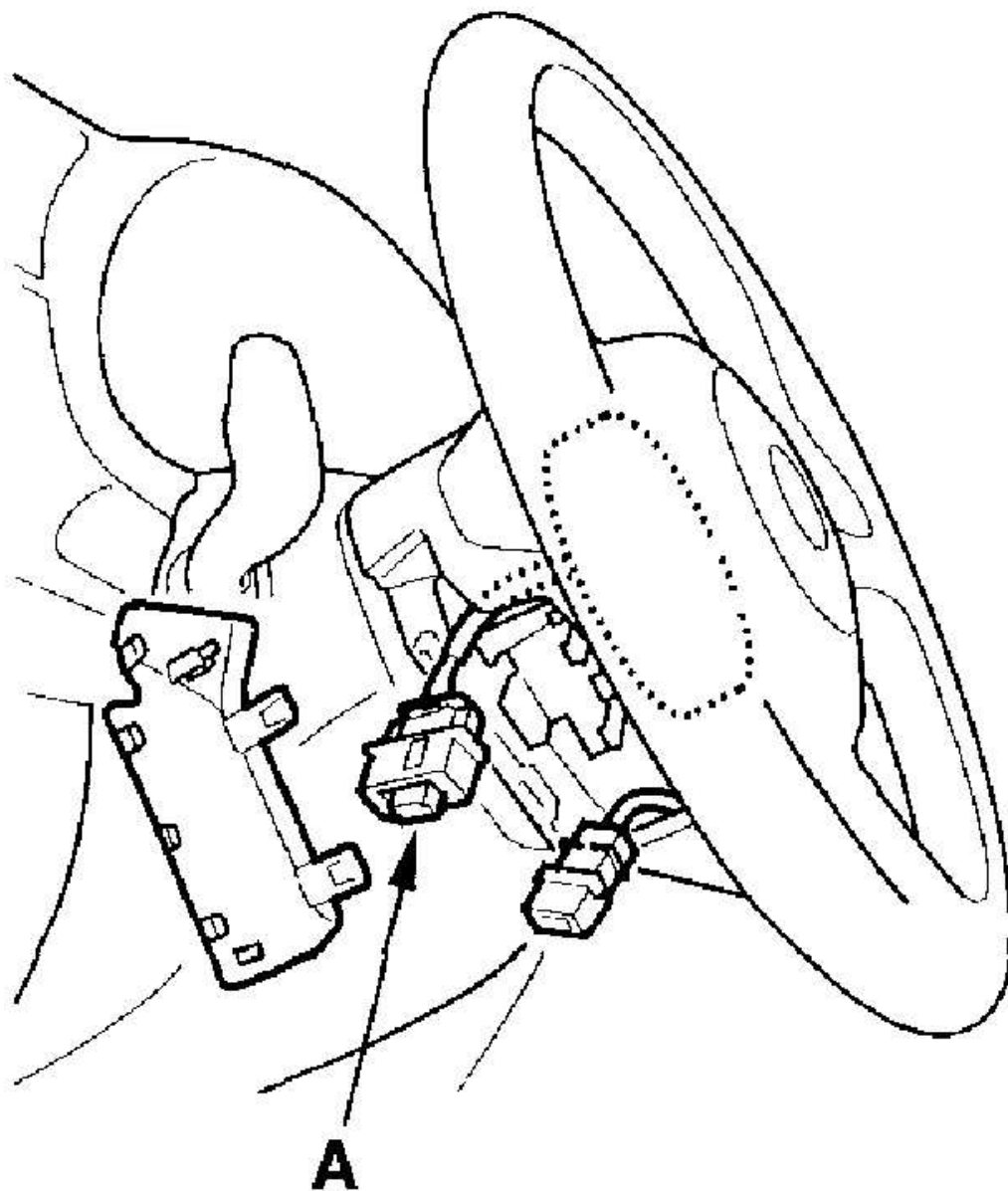
5. Connect the SRS inflator simulator (2 ohm connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 2-4 indicated?*

**YES** -Go to step 9.

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

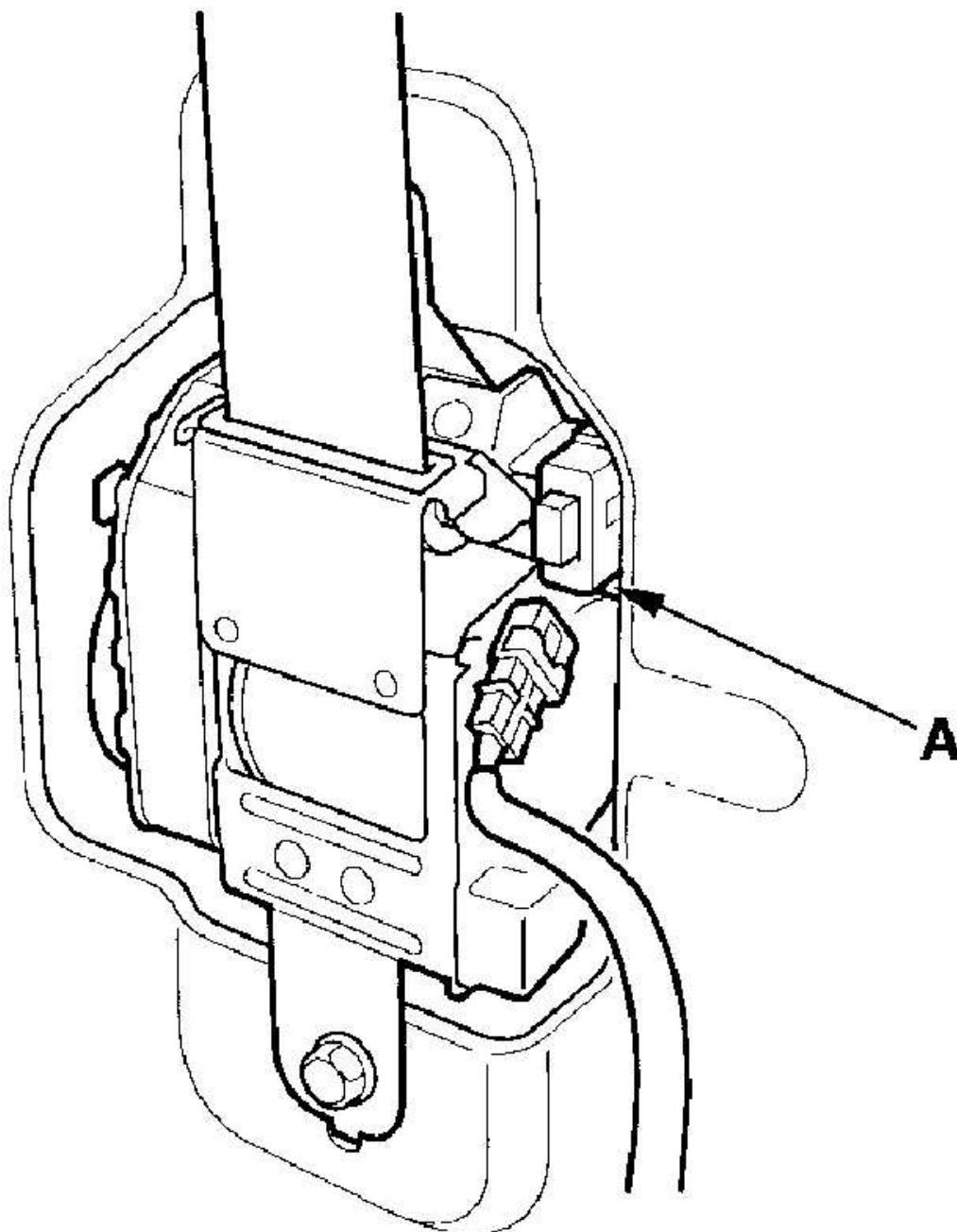
9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's airbag 2P connector (A).



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**Fig. 65: Disconnecting Driver's Airbag 2P Connector**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

11. Disconnect both seat belt tensioner 2P connectors (A).

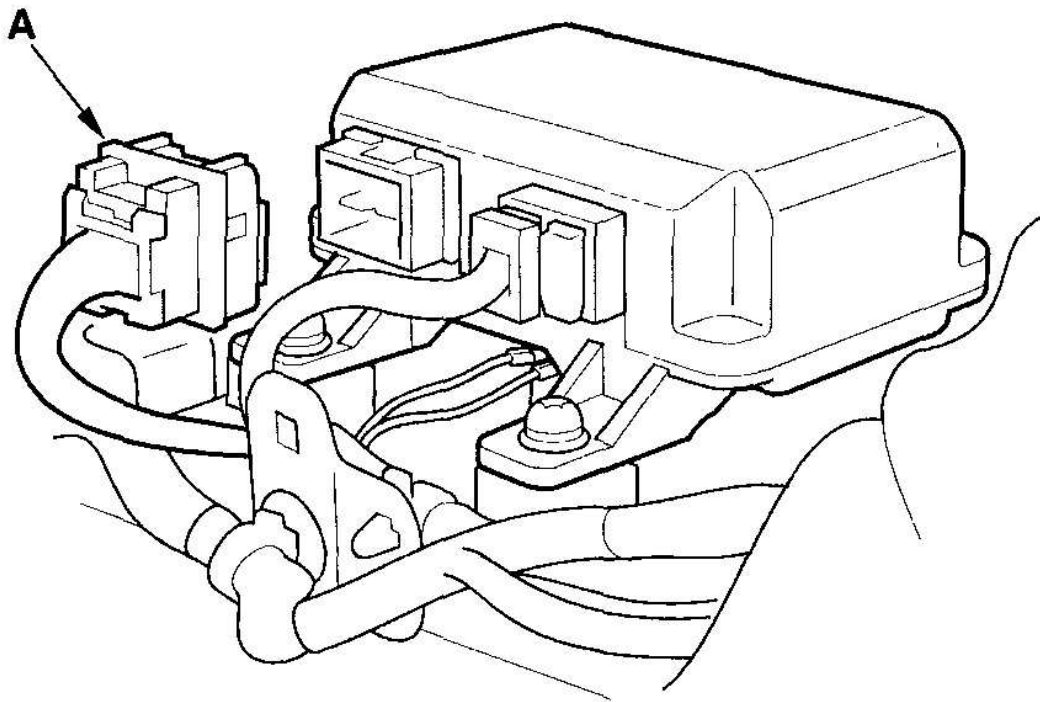


G03683134

**Fig. 66: Disconnecting Seat Belt Tensioner 2P Connectors**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

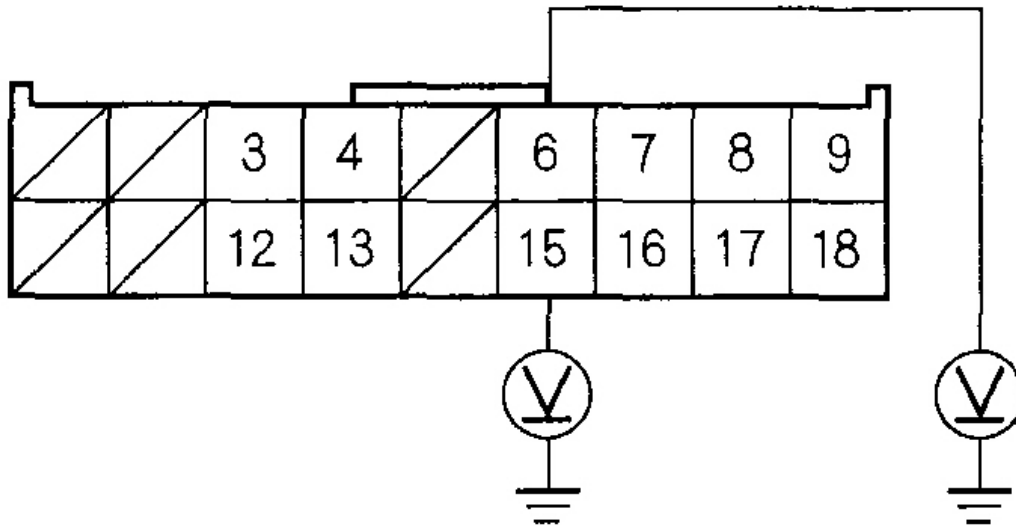
12. Disconnect the simulator lead from the floor wire harness.
13. Disconnect SRS unit connector A (18P) from the SRS unit.



G03683135

**Fig. 67: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

14. Reconnect the battery negative cable.
15. Turn the ignition switch ON (II).
16. Check for voltage between the No. 15 terminal of SRS unit connector A (18P) and body ground, and the No. 6 terminal and body ground. There should be 0.5 V or less.

**SRS UNIT CONNECTOR A (18P)**

Wire side of female terminals

G03683136

**Fig. 68: Checking Voltage Between No. 15 Terminal Of SRS Unit Connector A (18P) And Body Ground**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

*Is the voltage as specified?*

**YES** -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

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

**DTC 2-5: SHORT TO GROUND IN PASSENGER'S AIRBAG INFLATOR**

**Special Tools Required**



- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A

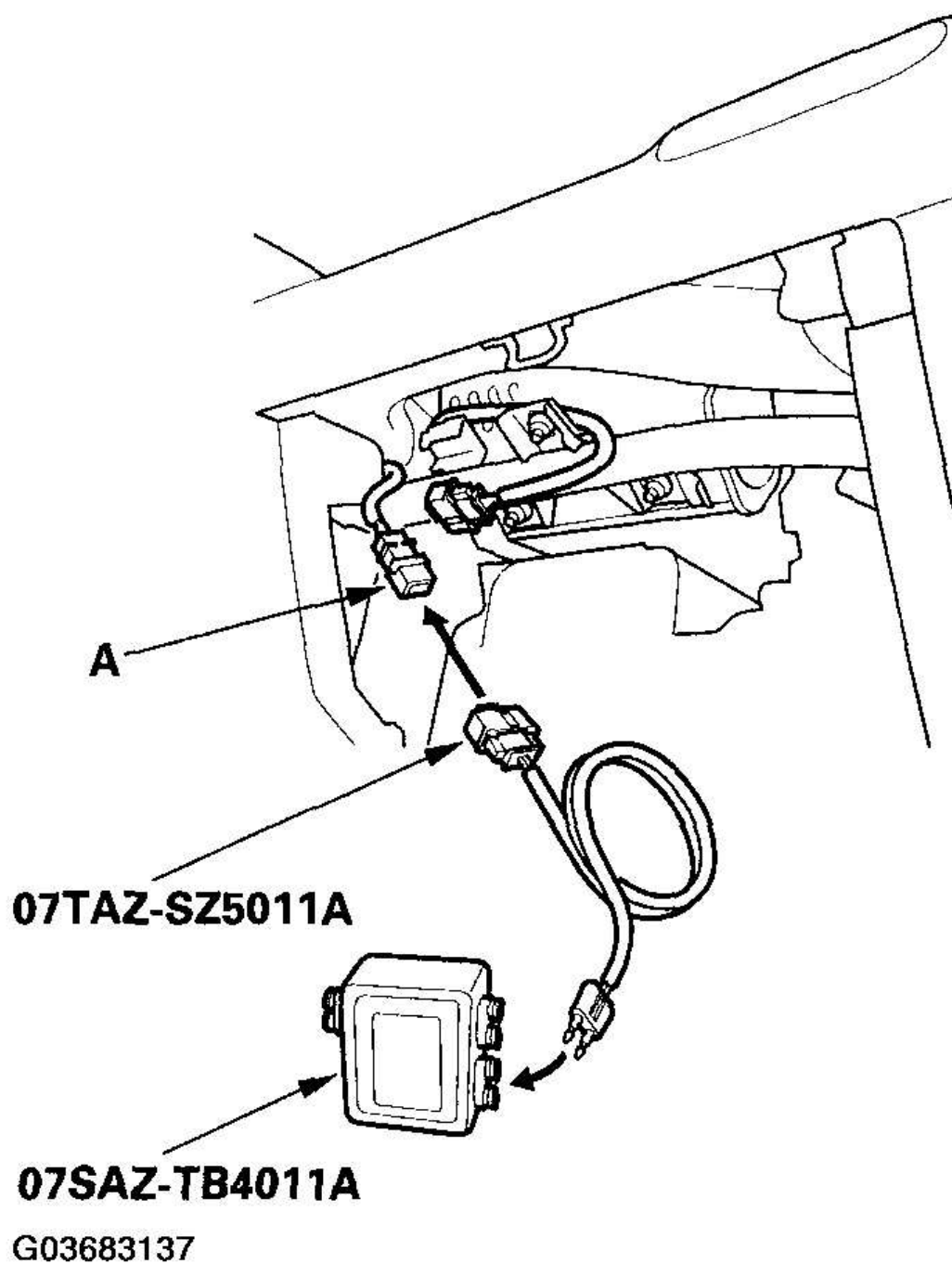
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

*Does the SRS indicator stay on, and is DTC 2-5 indicated?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

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



**Fig. 69: Connecting SRS Inflator Simulator And Simulator Lead C To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

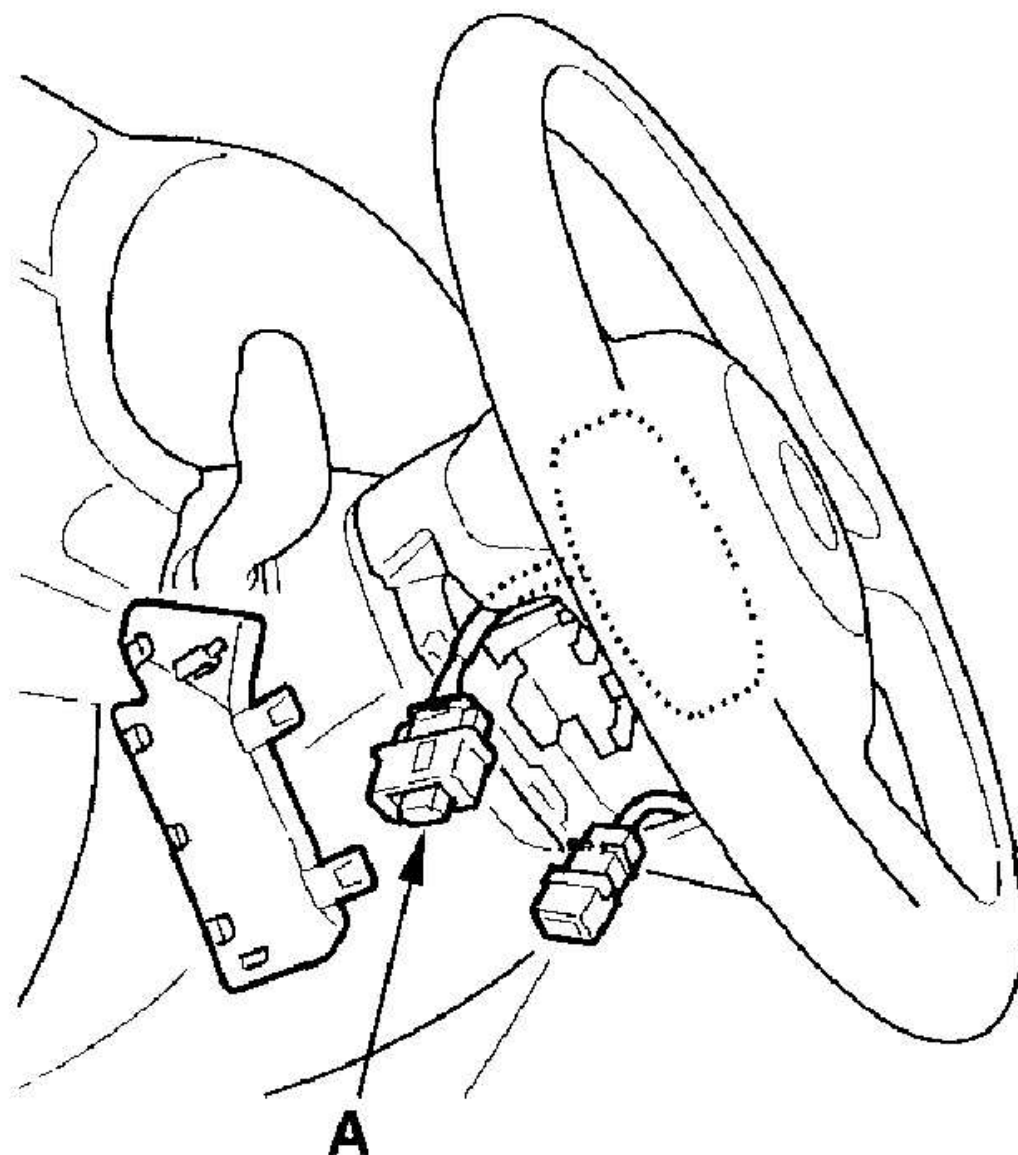
5. Connect the SRS inflator simulator (2 ohm connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 2-5 indicated?*

**YES** -Go to step 9.

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

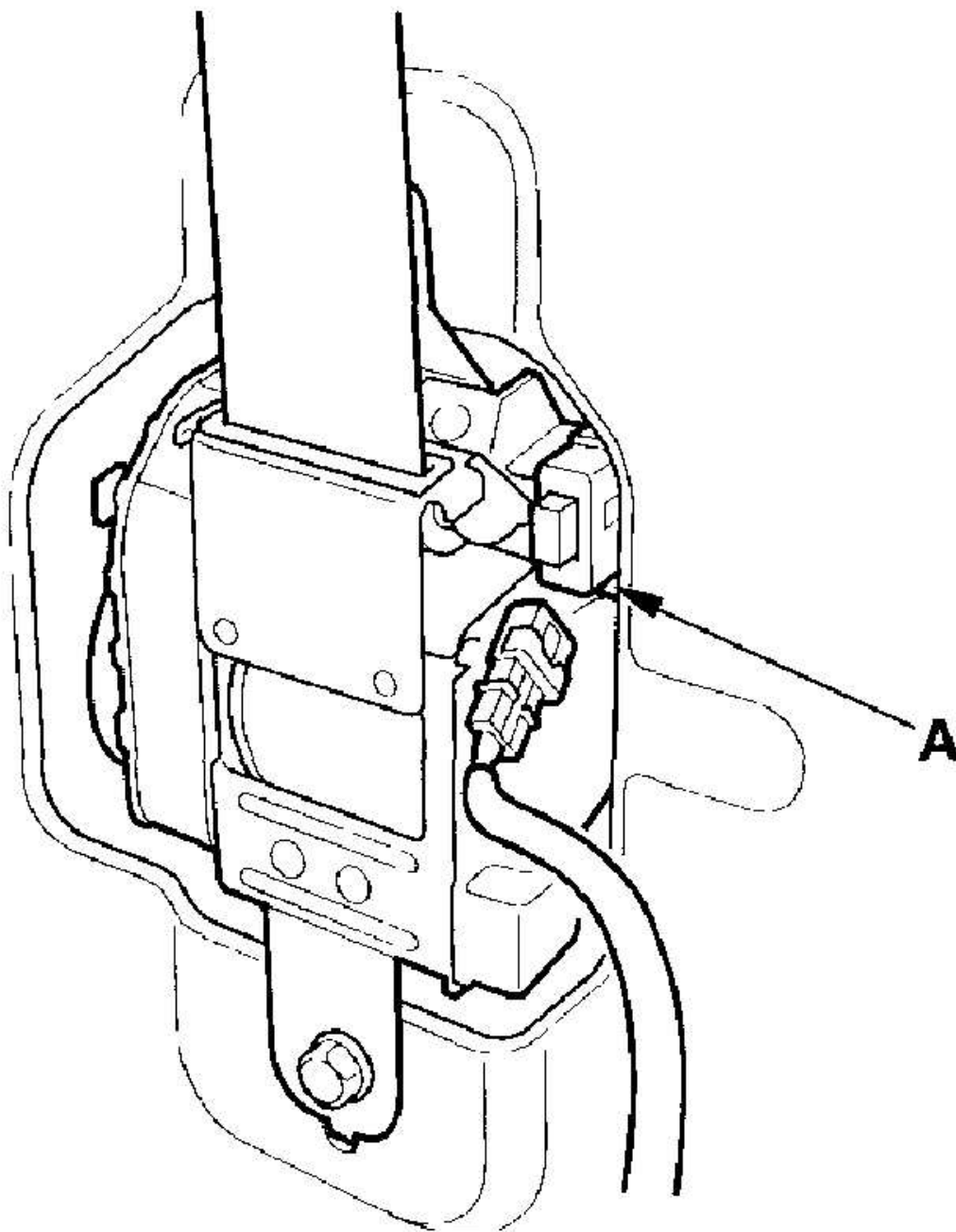
9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's airbag 2P connector (A).



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**Fig. 70: Disconnecting Driver's Airbag 2P Connector**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

11. Disconnect both seat belt tensioner 2P connectors (A).

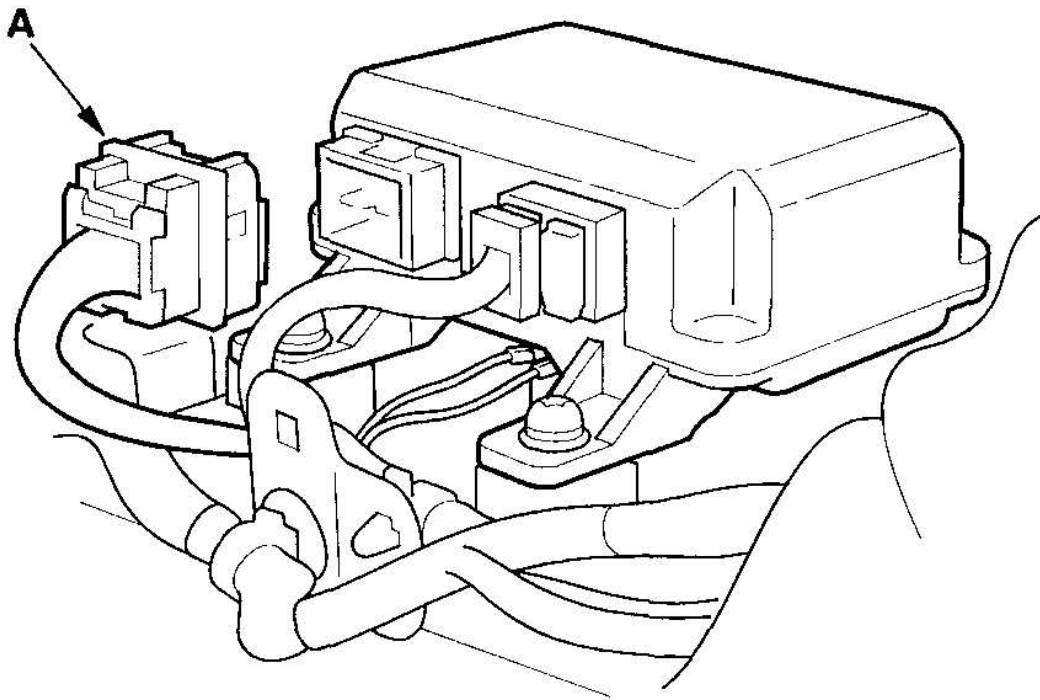


G03683139

**Fig. 71: Disconnecting Seat Belt Tensioner 2P Connectors**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

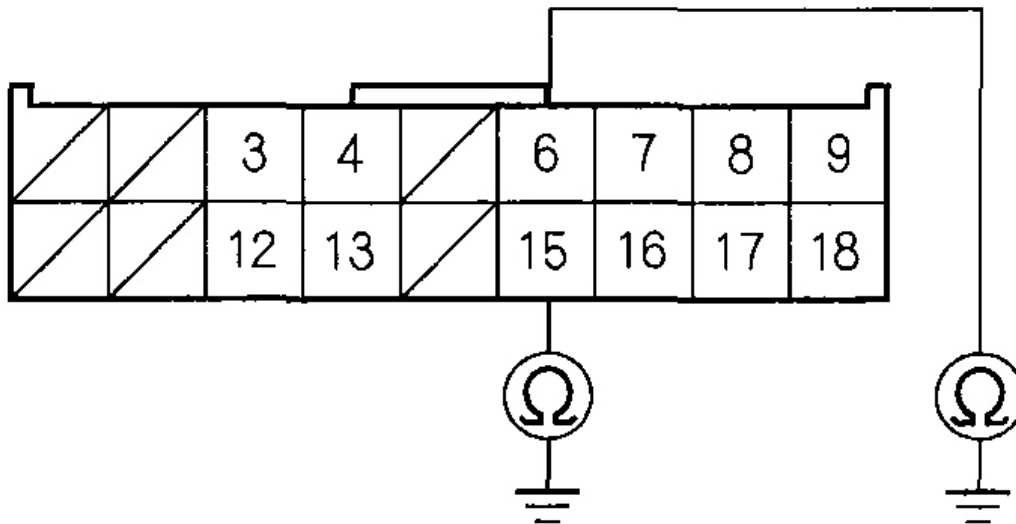
12. Disconnect the simulator lead from the floor wire harness.
13. Disconnect SRS unit connector A (18P) from the SRS unit.



G03683140

**Fig. 72: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

14. Check resistance between the No. 15 terminal of SRS unit connector A (18P) and body ground, and the No. 6 terminal and body ground. There should be an open circuit or at least 1 Mohm.

**SRS UNIT CONNECTOR A (18P)**

Wire side of female terminals

G03683141

**Fig. 73: Checking Resistance Between No. 15 Terminal Of SRS Unit Connector A (18P) And Body Ground**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

*Is the resistance as specified?*

**YES** -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

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

**DTC 3-1: OPEN IN DRIVER'S SEAT BELT TENSIONER; DTC 3-2: INCREASED RESISTANCE IN DRIVER'S SEAT BELT TENSIONER**

## Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
  - SRS simulator lead C 07TAZ-SZ5011A
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
  2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

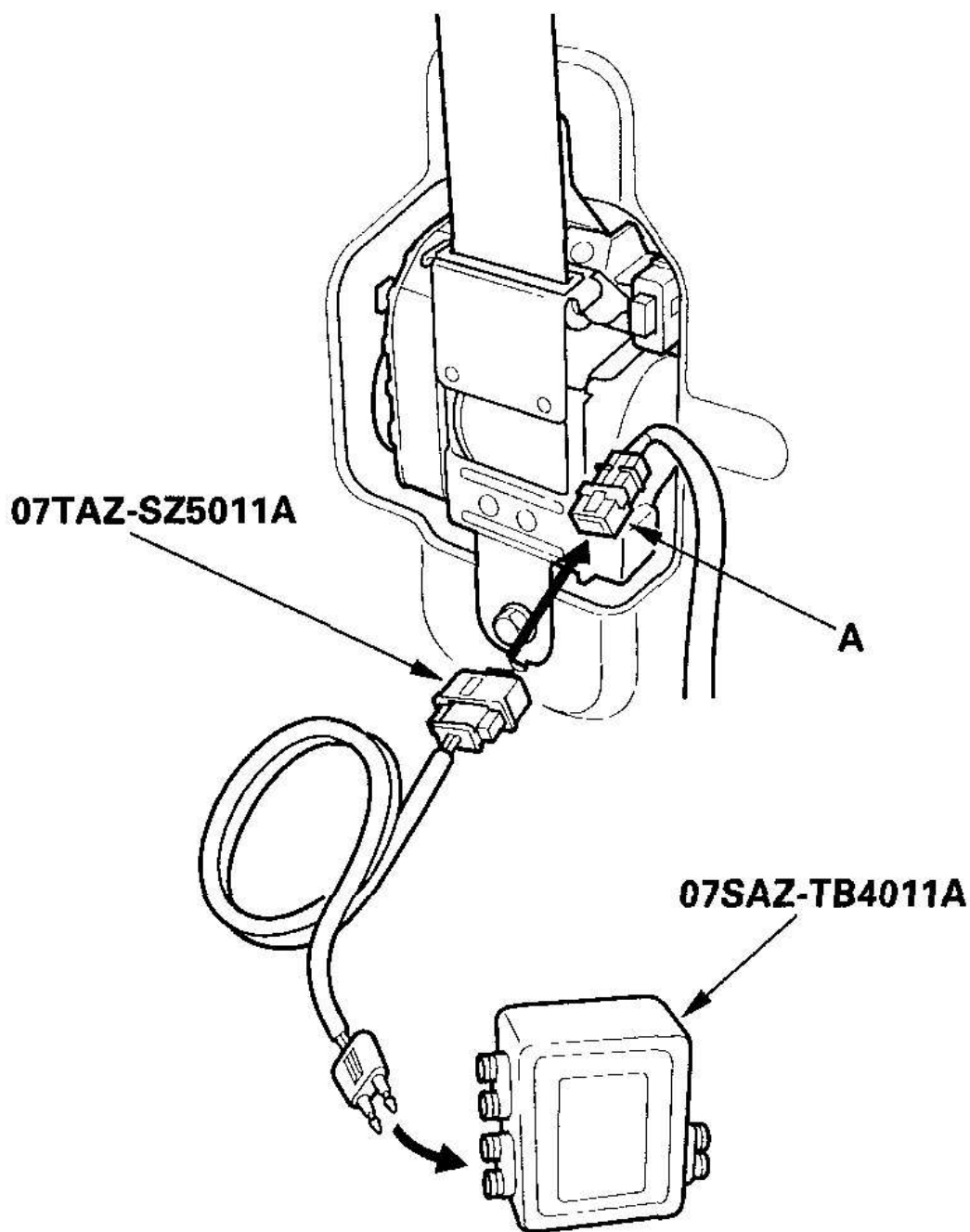
*Does the SRS indicator stay on, and is DTC 3-1 or 3-2 indicated?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

3. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the driver's seat belt tensioner.





G03683142

**Fig. 74: Connecting SRS Inflator Simulator And Simulator Lead C To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

5. Connect the SRS inflator simulator (2 ohm connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 3-1 or 3-2 indicated?*

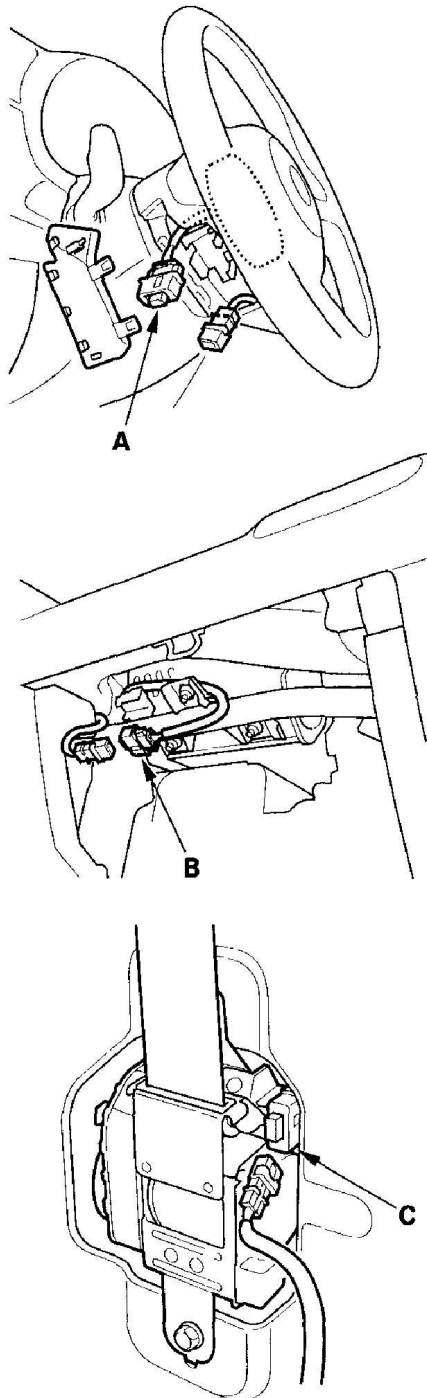
**YES** -Go to step 9.

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

9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's airbag 2P connector (A), passenger's airbag 2P connector (B), and passenger's seat belt tensioner 2P connector (C).

## 2006 Honda Insight

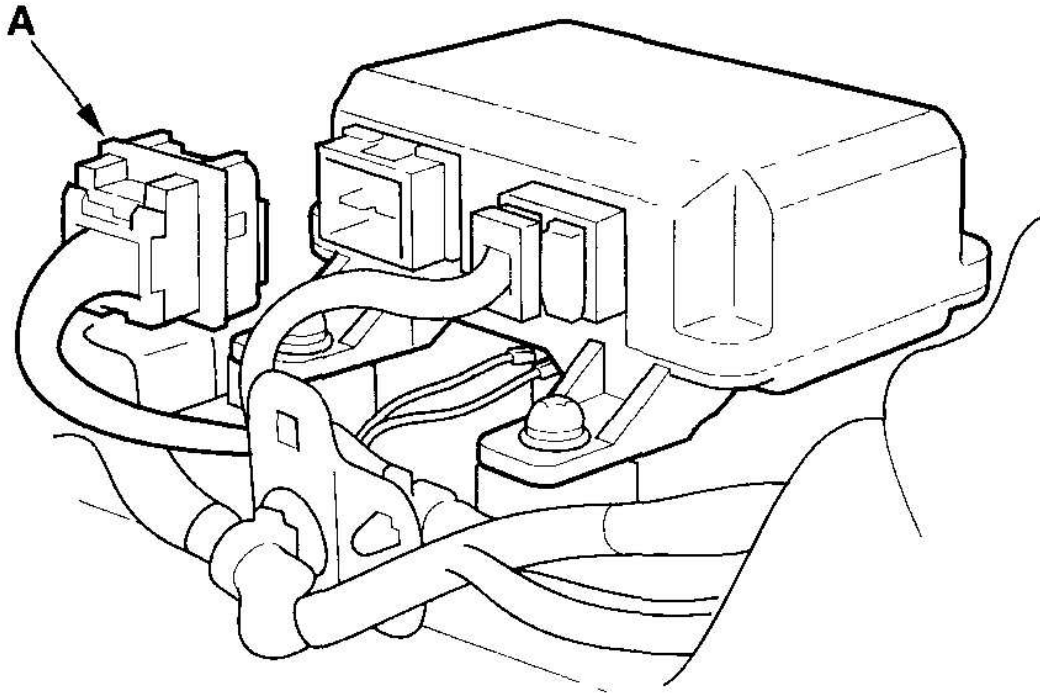
2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight



G03683143

**Fig. 75: Disconnecting Driver's Airbag 2P Connector, Passenger's Airbag 2P Connector And Passenger's Seat Belt Tensioner 2P Connector**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

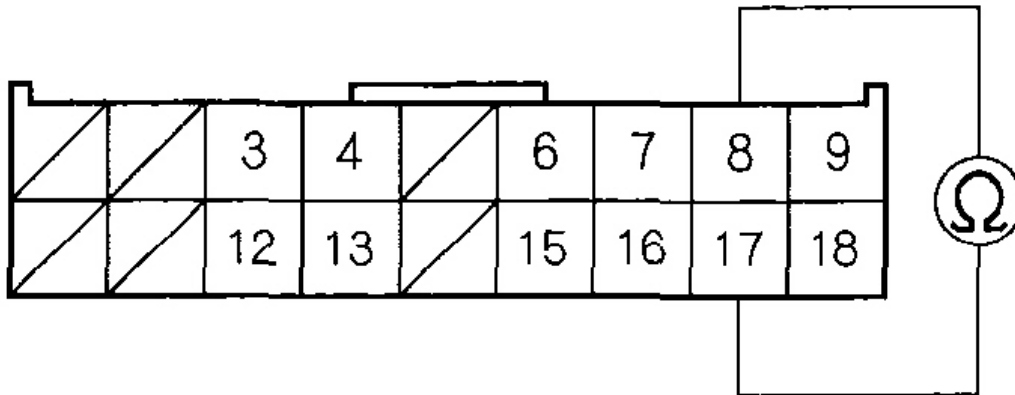
11. Disconnect SRS unit connector A (18P) from the SRS unit. Do not disconnect the simulator lead from the floor wire harness.



G03683144

**Fig. 76: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

12. Check resistance between the No. 8 terminal and the No. 17 terminal of SRS unit connector A (18P). There should be 2.0-3.0 ohm.

**SRS UNIT CONNECTOR A (18P)****Wire side of female terminals**

G03683145

**Fig. 77: Checking Resistance Between No. 8 Terminal And No. 17 Terminal Of SRS Unit Connector A (18P)**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the resistance as specified?*

**YES** -Faulty SRS unit or poor connection at the SRS unit connector A (18P) and at the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

**NO** -Open or increased resistance in the floor wire harness; replace the floor wire harness.

## Special Tools Required

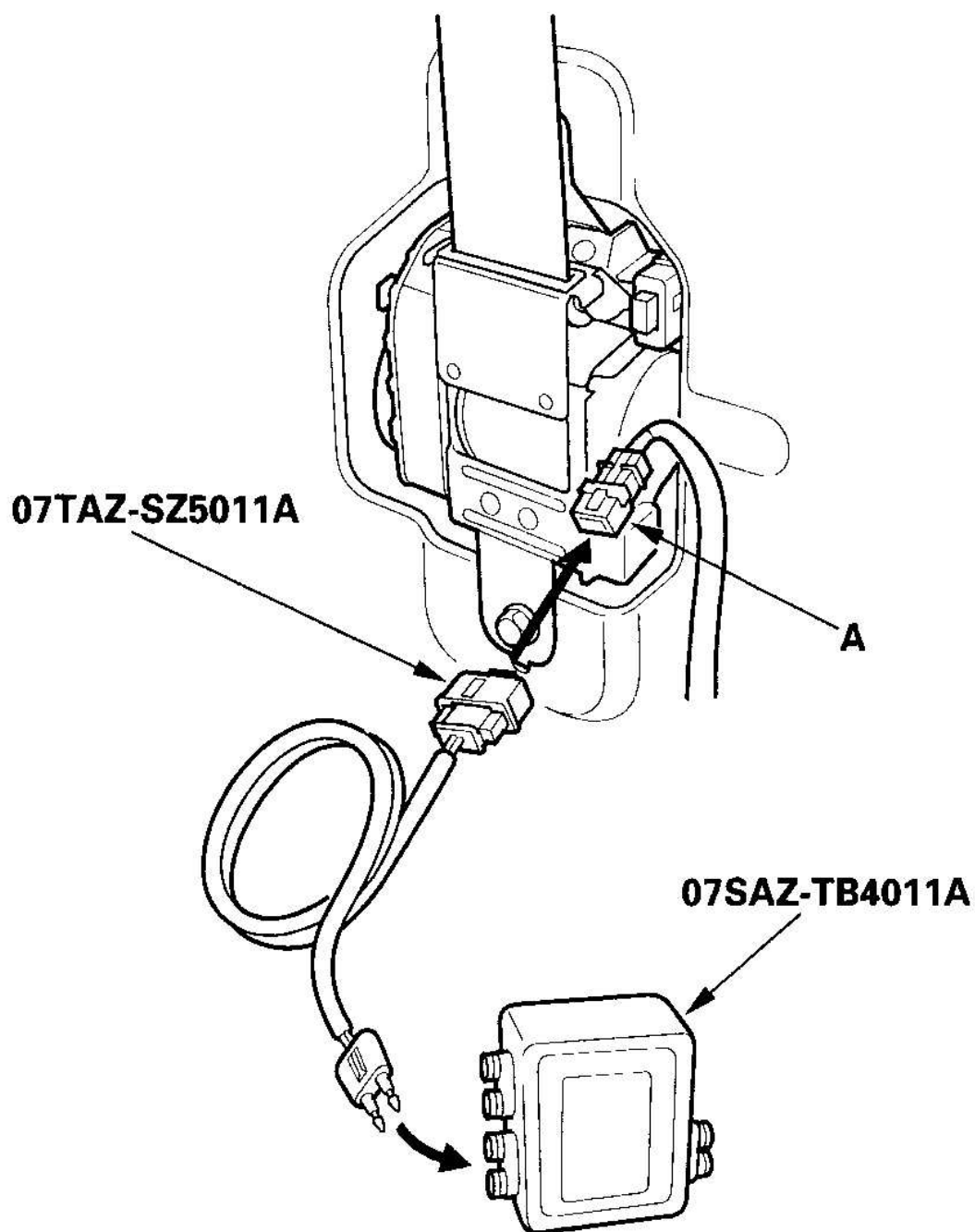
- SRS inflator simulator 07SAZ-TB4011A
  - SRS simulator lead C 07TAZ-SZ5011A
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
  2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

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

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

3. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the driver's seat belt tensioner.



G03683146

**Fig. 78: Connecting SRS Inflator Simulator And Simulator Lead C To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

5. Connect the SRS inflator simulator (2 ohm connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 3-3 indicated?*

**YES** -Go to step 9.

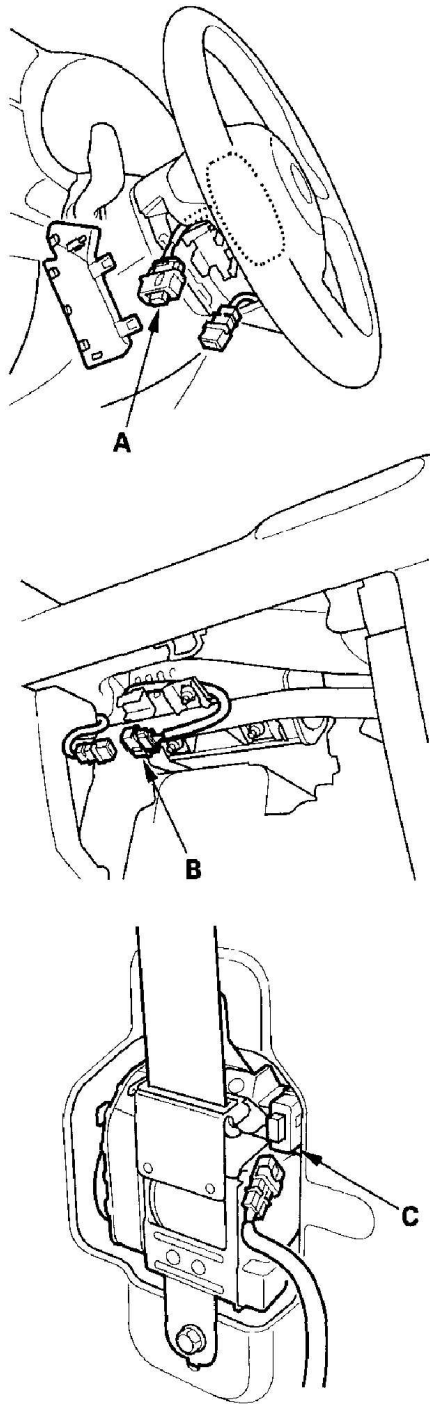
**NO** -Short in the driver's seat belt tensioner; replace the driver's seat belt (see **SEAT BELT REPLACEMENT** ).

9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's airbag 2P connector (A), passenger's airbag 2P connector (B), and passenger's seat belt tensioner 2P connector (C).



## 2006 Honda Insight

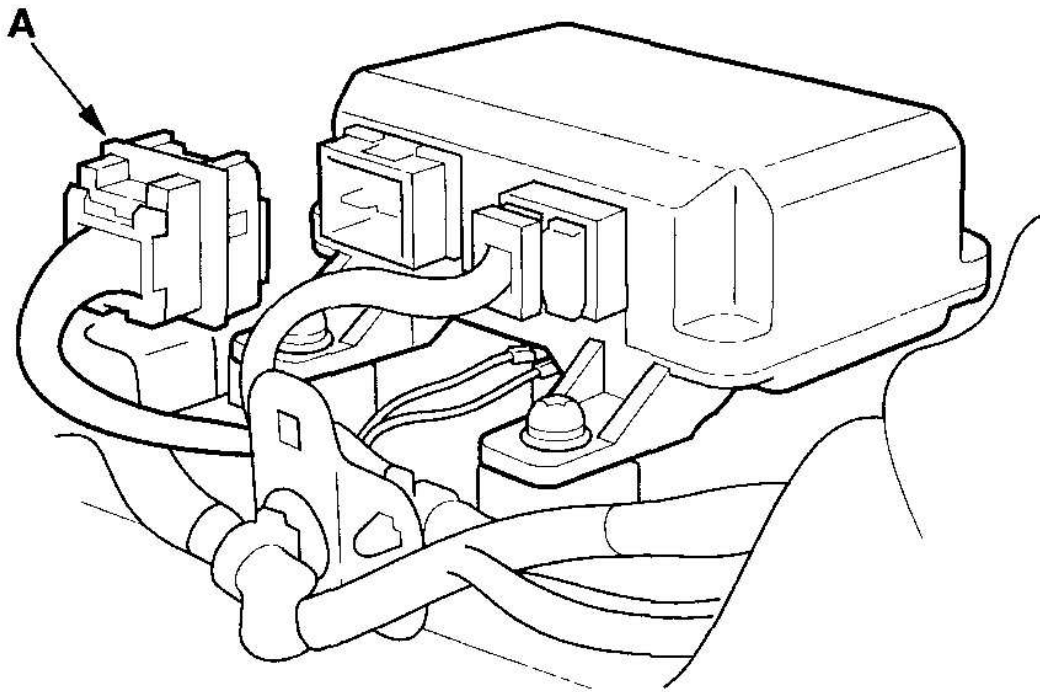
2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight



G03683147

**Fig. 79: Disconnecting Driver's Airbag 2P Connector, Passenger's Airbag 2P Connector And Passenger's Seat Belt Tensioner 2P Connector**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

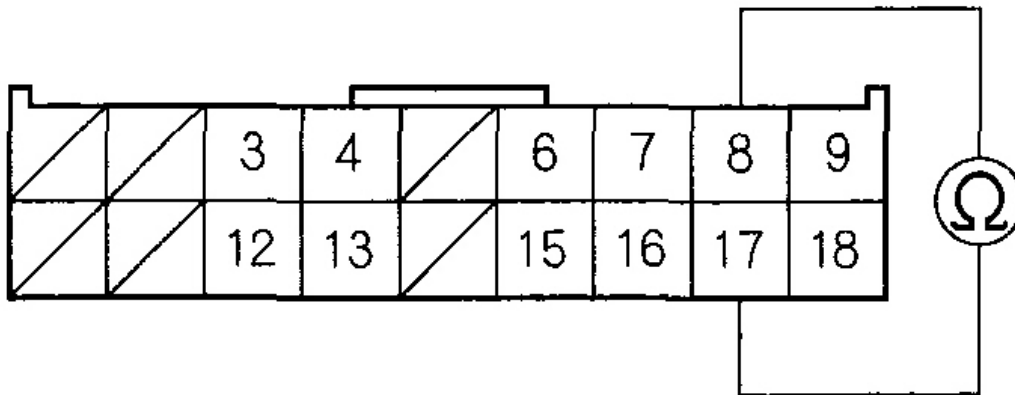
11. Disconnect the simulator lead from the floor wire harness.
12. Disconnect SRS unit connector A (18P) from the SRS unit.



G03683148

**Fig. 80: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

13. Check resistance between the No. 8 terminal and the No. 17 terminal of SRS unit connector A (18P). There should be an open circuit or least 1 Mohm.

**SRS UNIT CONNECTOR A (18P)**

Wire side of female terminals

G03683149

**Fig. 81: Checking Resistance Between No. 8 Terminal And No. 17 Terminal Of SRS Unit Connector A (18P)**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the resistance as specified?*

**YES** -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

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

**DTC 3-4: SHORT TO POWER IN DRIVER'S SEAT BELT TENSIONER**

**Special Tools Required**

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A

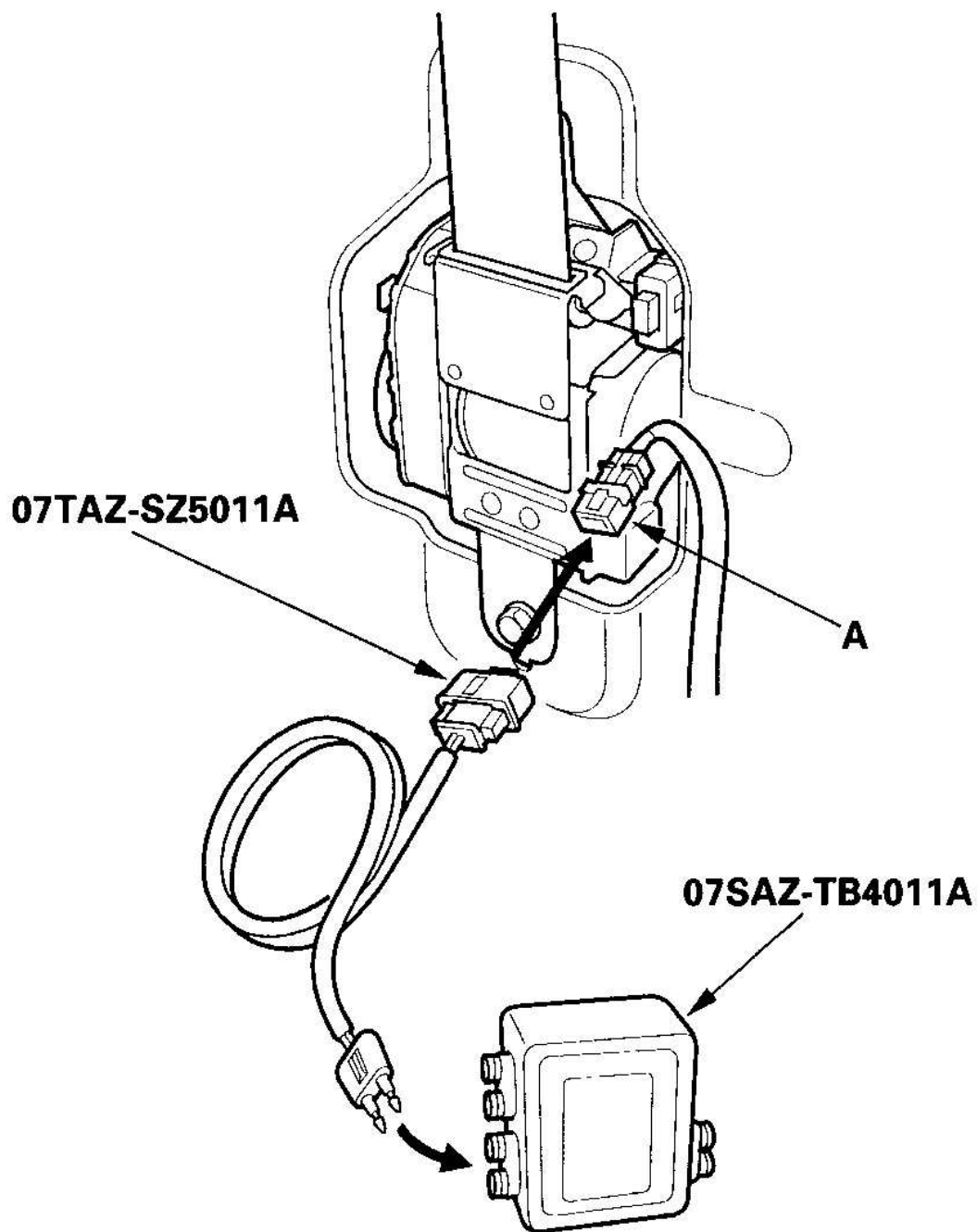
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

*Does the SRS indicator stay on, and is DTC 3-4 indicated?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

3. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the driver's seat belt tensioner.



G03683150

**Fig. 82: Connecting SRS Inflator Simulator And Simulator Lead C To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

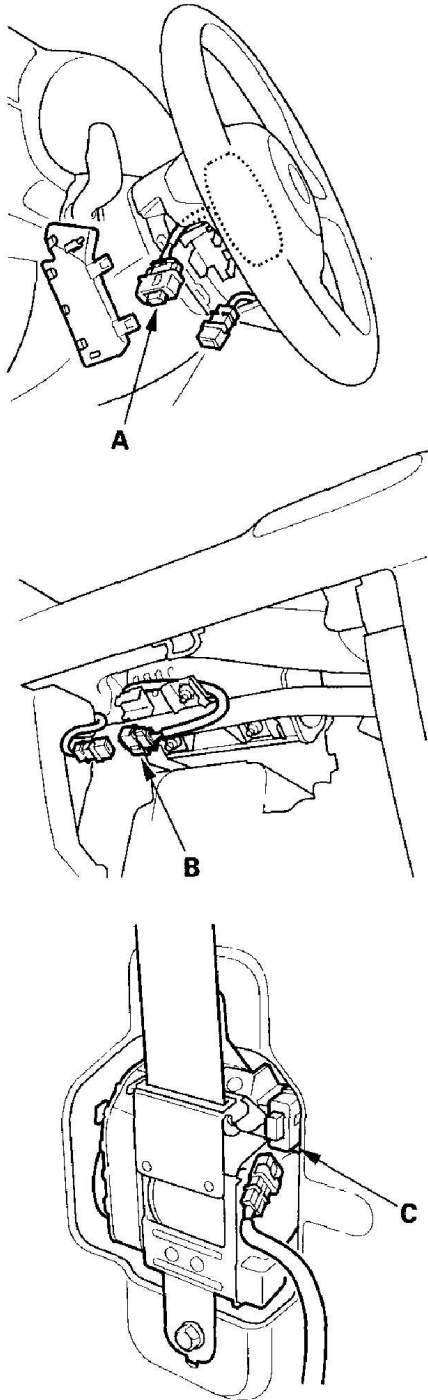
5. Connect the SRS inflator simulator (2 ohm connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 3-4 indicated?*

**YES** -Go to step 9.

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

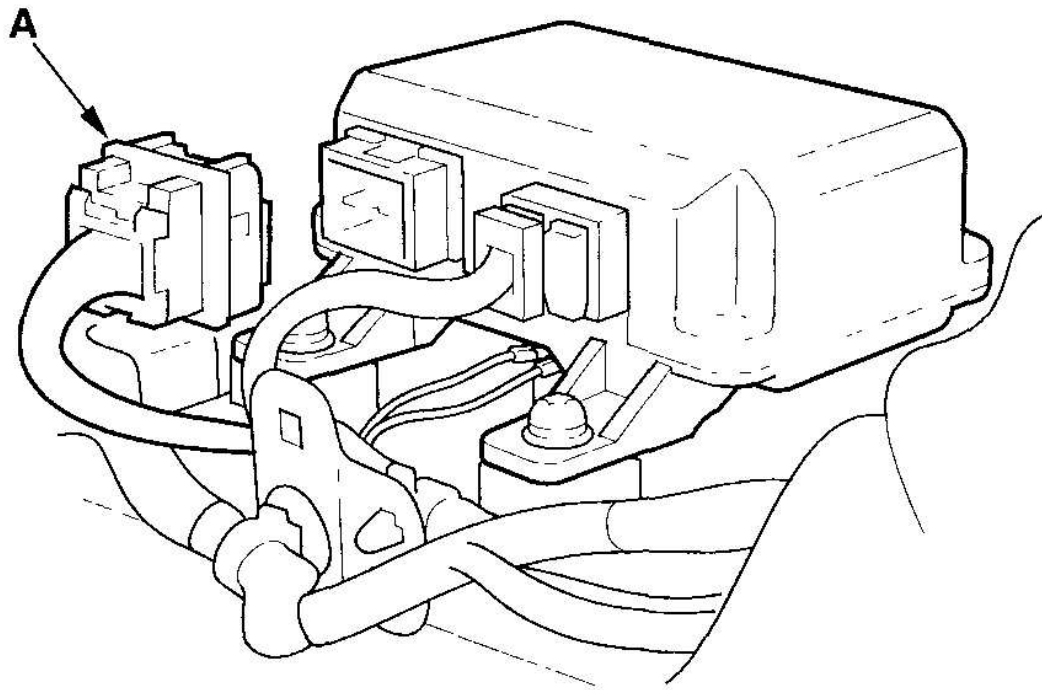
9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's airbag 2P connector (A), passenger's airbag 2P connector (B), and passenger's seat belt tensioner 2P connector (C).



G03683151

**Fig. 83: Disconnecting Driver's Airbag 2P Connector, Passenger's Airbag 2P Connector And Passenger's Seat Belt Tensioner 2P Connector**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

11. Disconnect the simulator lead from the floor wire harness.
12. Disconnect SRS unit connector A (18P) from the SRS unit.

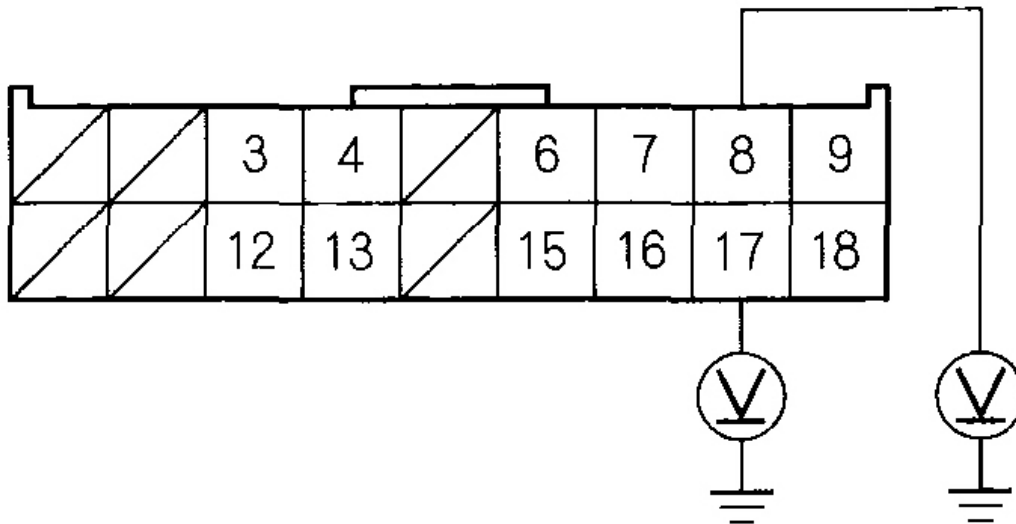


G03683152

**Fig. 84: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

13. Reconnect the battery negative cable.
14. Turn the ignition switch ON (II).
15. Check for voltage between the No. 8 terminal of SRS unit connector A (18P) and body ground, and the No. 17 terminal and body ground. There should be 0.5 V or less.



**SRS UNIT CONNECTOR A (18P)**

*Wire side of female terminals*

G03683153

**Fig. 85: Checking Voltage Between No. 8 Terminal Of SRS Unit Connector A (18P) And Body Ground**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the voltage as specified ?*

**YES** -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

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

**DTC 3-5: SHORT TO GROUND IN DRIVER'S SEAT BELT TENSIONER**

**Special Tools Required**

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A

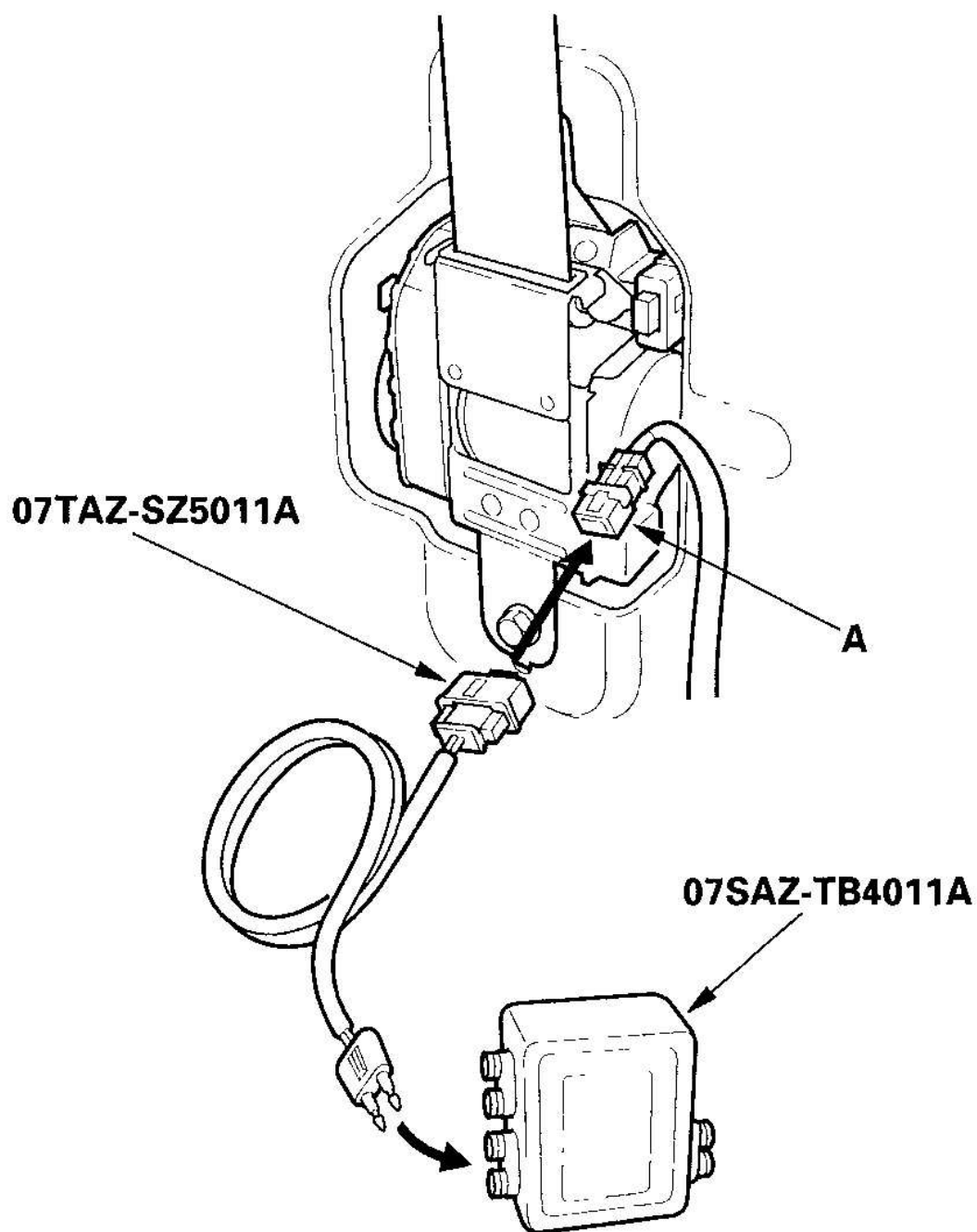
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

*Does the SRS indicator stay on, and is DTC 3-5 indicated ?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

3. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the driver's seat belt tensioner.



G03683154

**Fig. 86: Connecting SRS Inflator Simulator And Simulator Lead C To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

5. Connect the SRS inflator simulator (2 0, connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 3-5 indicated ?*

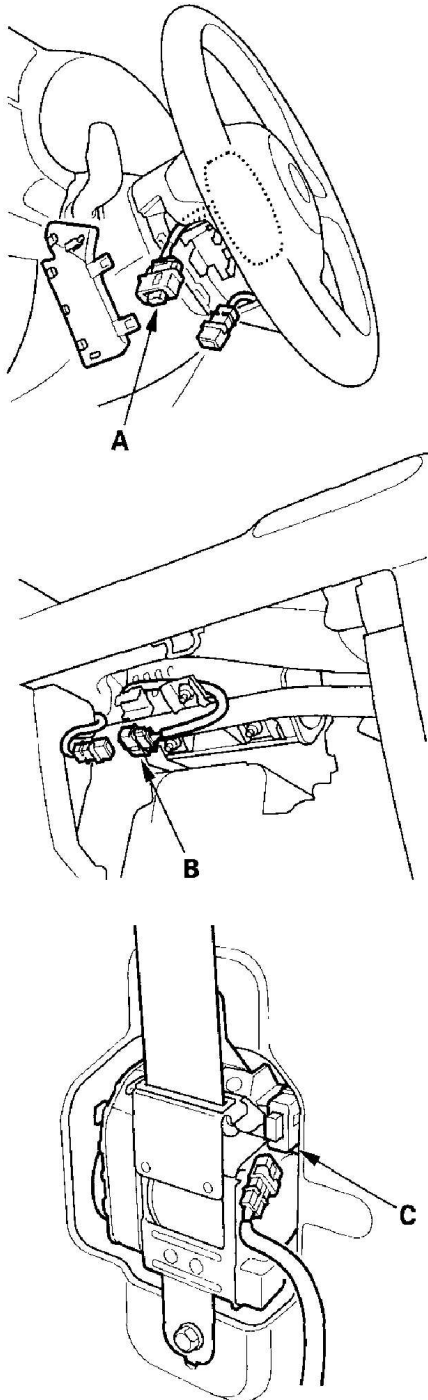
**YES** -Go to step 9.

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

9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's airbag 2P connector (A), passenger's airbag 2P connector (B), and passenger's seat belt tensioner 2P connector (C).

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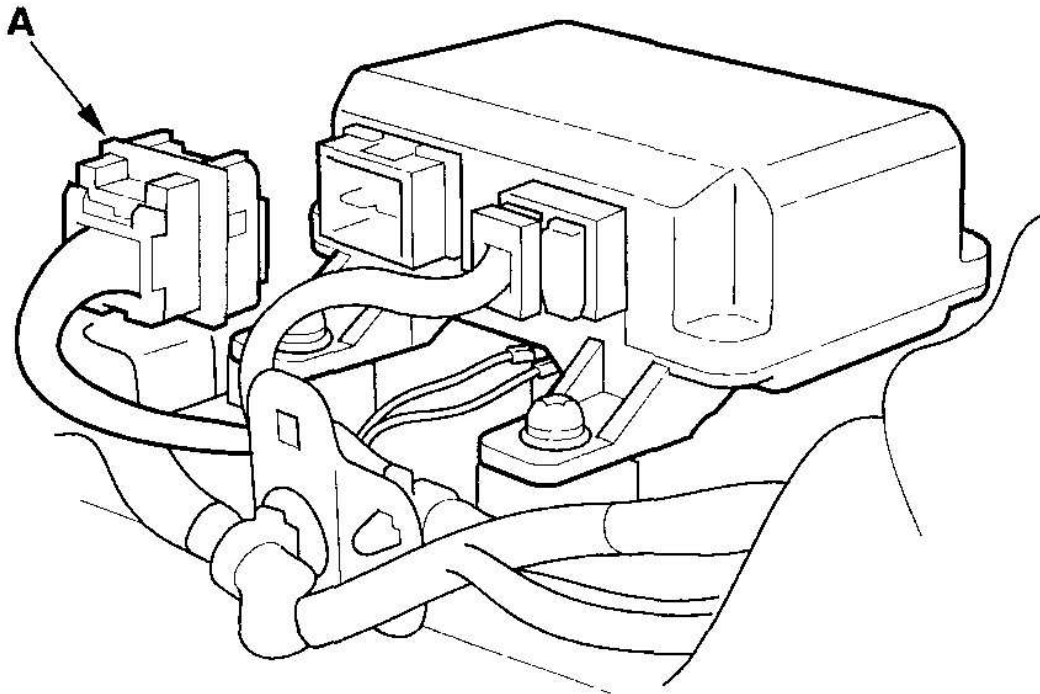
2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight



G03683155

**Fig. 87: Disconnecting Driver's Airbag 2P Connector, Passenger's Airbag 2P Connector And Passenger's Seat Belt Tensioner 2P Connector**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

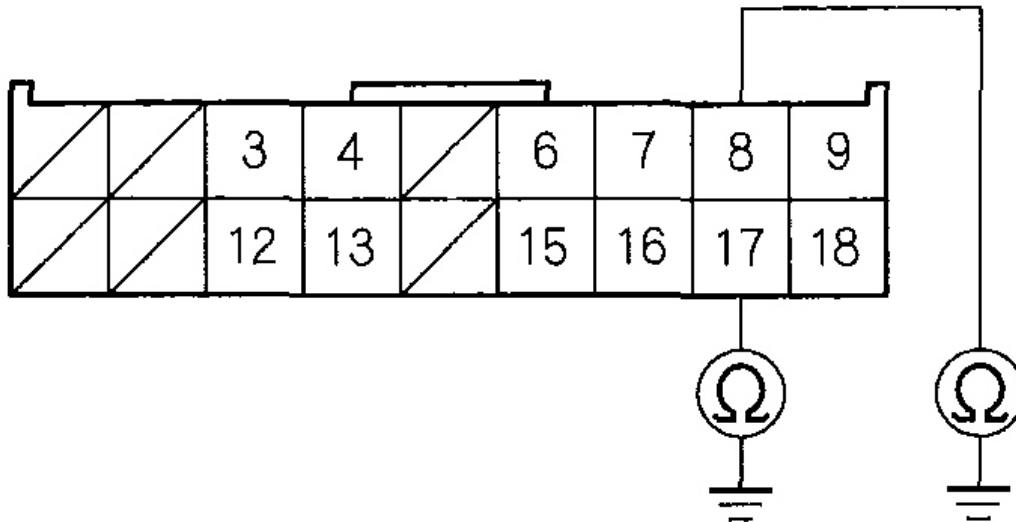
11. Disconnect the simulator lead from the floor wire harness.
12. Disconnect SRS unit connector A (18P) from the SRS unit.



G03683156

**Fig. 88: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

13. Check resistance between the No. 8 terminal of SRS unit connector A (18P) and body ground, and the No. 17 terminal and body ground. There should be an open circuit or at least 1 Mohm.

**SRS UNIT CONNECTOR A (18P)**

Wire side of female terminals

G03683157

**Fig. 89: Checking Resistance Between No. 8 Terminal Of SRS Unit Connector A (18P) And Body Ground**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

*Is the resistance as specified ?*

**YES** -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

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

**DTC 4-1: OPEN IN PASSENGER'S SEAT BELT TENSIONER; DTC 4-2: INCREASED RESISTANCE IN PASSENGER'S SEAT BELT TENSIONER**

## Special Tools Required

- SRS inflator simulator 07SAZ-TB4011A
  - SRS simulator lead C 07TAZ-SZ5011A
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
  2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

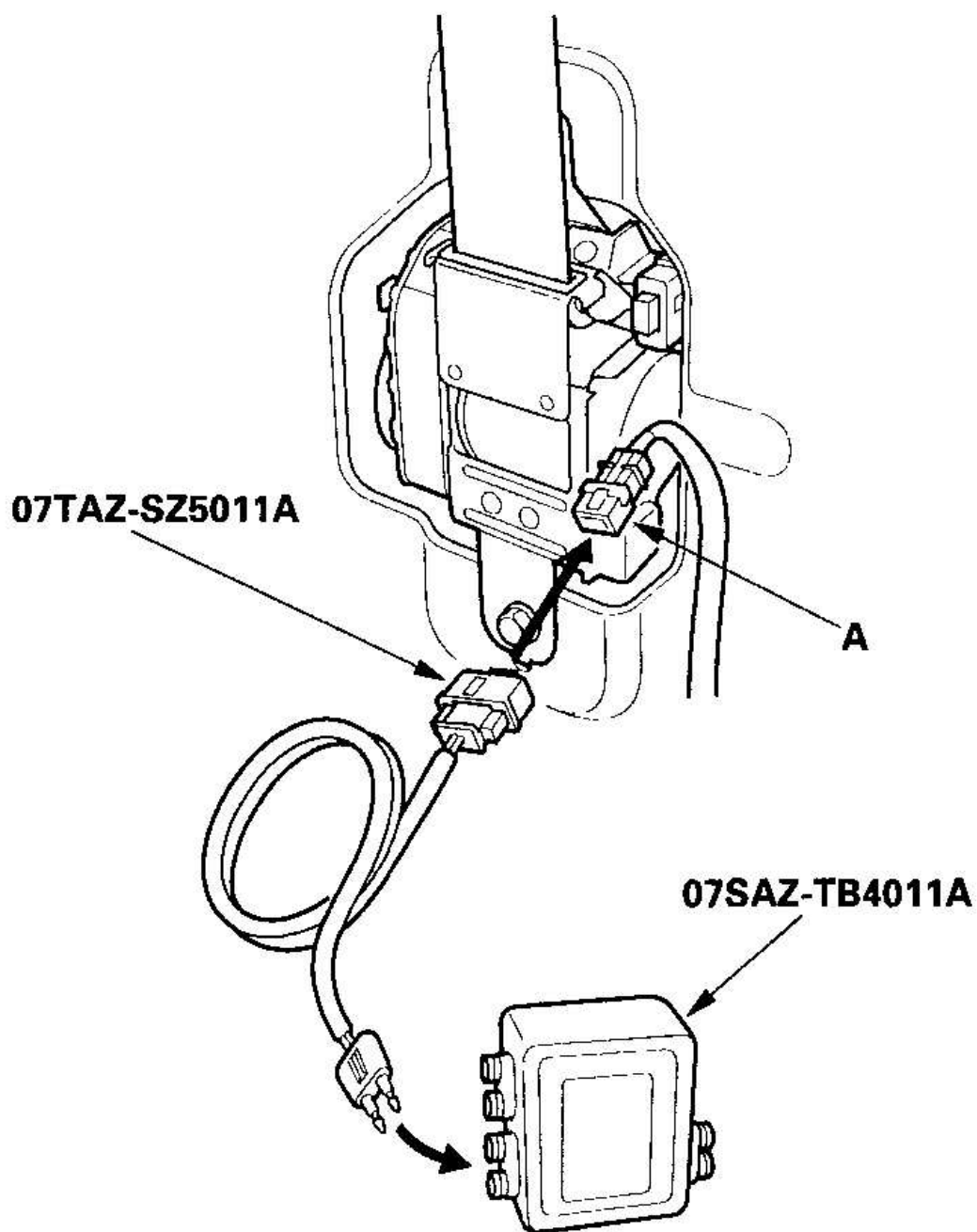
*Does the SRS indicator stay on, and is DTC 4-1 or 4-2 indicated ?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

3. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the passenger's seat belt tensioner.





G03683158

**Fig. 90: Connecting SRS Inflator Simulator And Simulator Lead C To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

5. Connect the SRS inflator simulator (2 ohm connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 4-1 or 4-2 indicated ?*

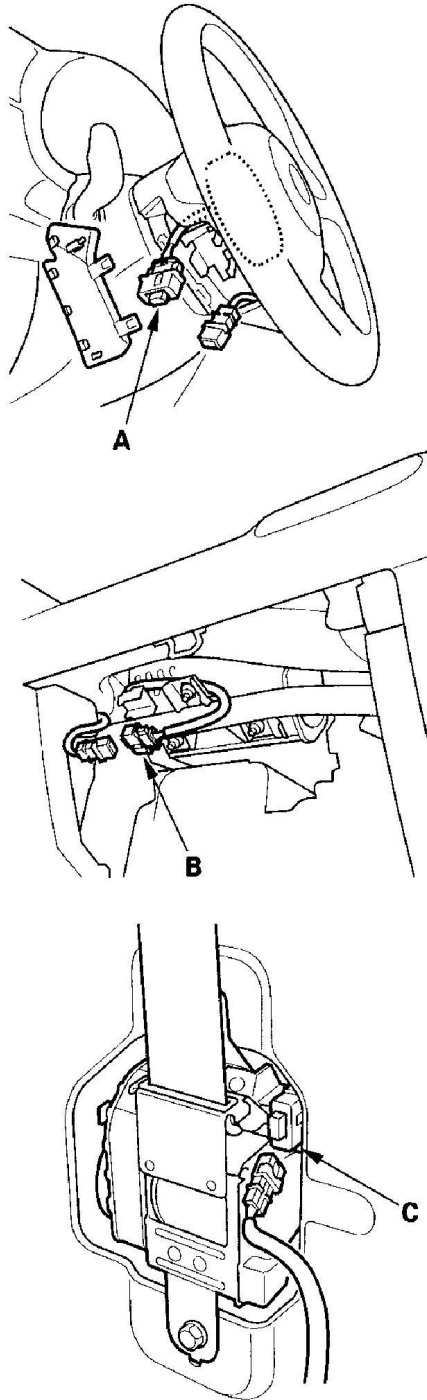
**YES** -Go to step 9.

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

9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's airbag 2P connector (A), passenger's airbag 2P connector (B), and driver's seat belt tensioner 2P connector (C).

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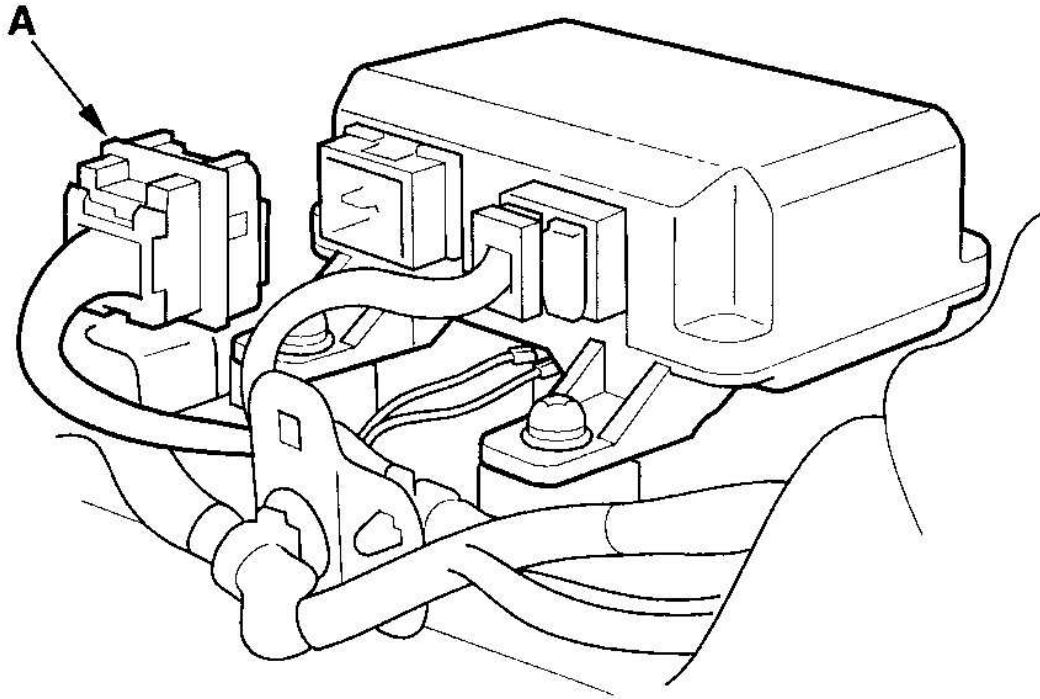
2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight



G03683159

**Fig. 91: Disconnecting Driver's Airbag 2P Connector, Passenger's Airbag 2P Connector And Driver's Seat Belt Tensioner 2P Connector**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

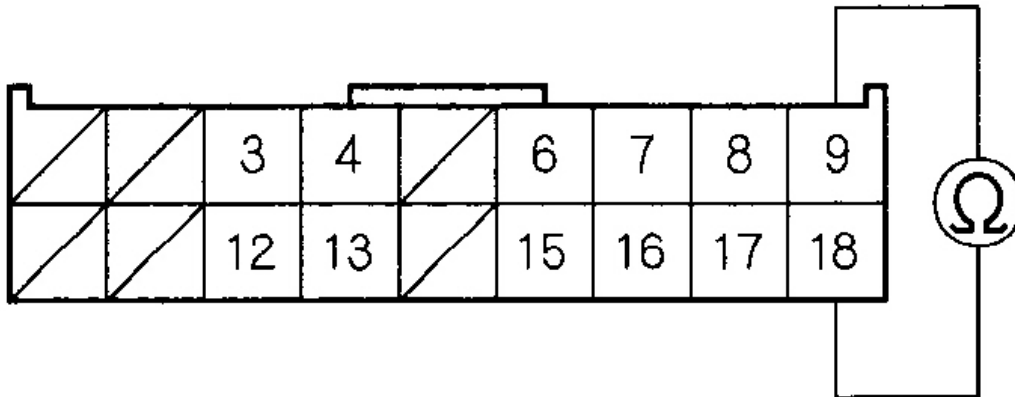
11. Disconnect SRS unit connector A (18P) from the SRS unit. Do not disconnect the simulator lead from the floor wire harness.



G03683160

**Fig. 92: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

12. Check resistance between the No. 9 terminal and the No. 18 terminal of SRS unit connector A (18P). There should be 2.0-3.0 ohm.

**SRS UNIT CONNECTOR A (18P)****Wire side of female terminals**

G03683161

**Fig. 93: Checking Resistance Between No. 9 Terminal And No. 18 Terminal Of SRS Unit Connector A (18P)**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the resistance as specified ?*

**YES** -Faulty SRS unit or poor connection at SRS unit connector A (18P) and at the SRS unit. Check the connection; if the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

**NO** -Open or increased resistance in the floor wire harness; replace the floor wire harness.

## Special Tools Required

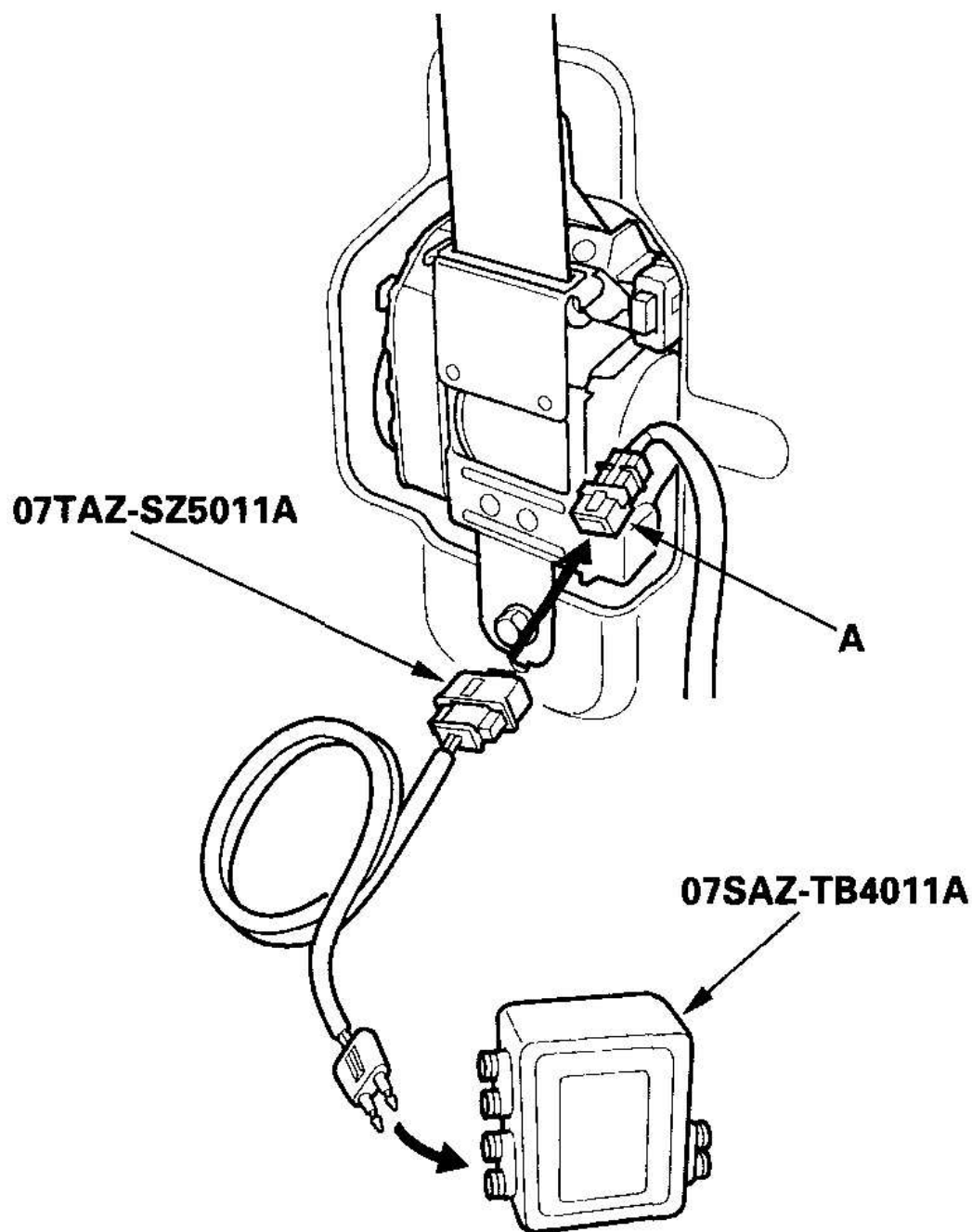
- SRS inflator simulator 07SAZ-TB4011A
  - SRS simulator lead C 07TAZ-SZ5011A
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
  2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

*Does the SRS indicator stay on, and is DTC 4-3 indicated ?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

3. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the passenger's seat belt tensioner.



G03683162

**Fig. 94: Connecting SRS Inflator Simulator And Simulator Lead C To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

5. Connect the SRS inflator simulator (2 Q connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 4-3 indicated ?*

**YES** -Go to step 9.

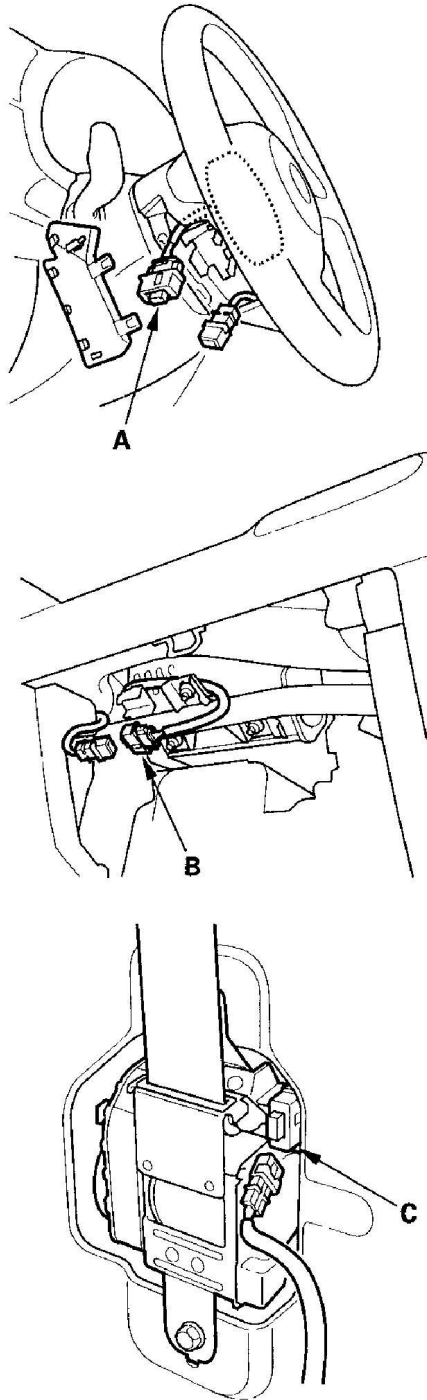
**NO** -Short in the passenger's seat belt tensioner; replace the passenger's seat belt (see **SEAT BELT REPLACEMENT** ).

9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's airbag 2P connector (A), passenger's airbag 2P connector (B), and driver's seat belt tensioner 2P connector (C).



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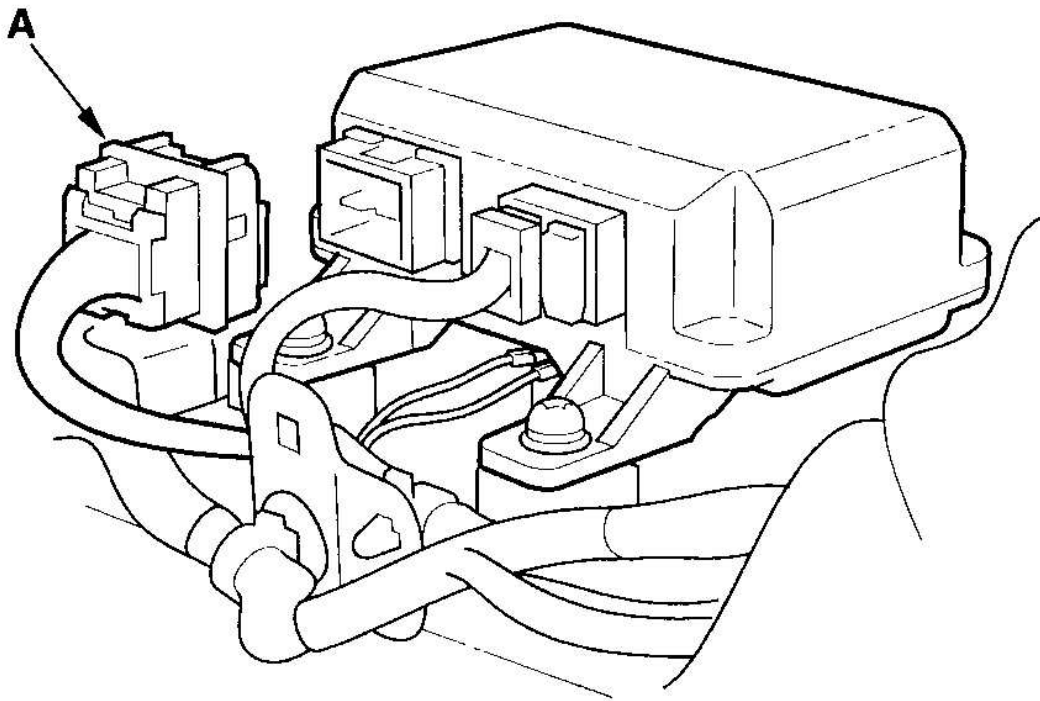
2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight



G03683163

**Fig. 95: Disconnecting Driver's Airbag 2P Connector, Passenger's Airbag 2P Connector And Driver's Seat Belt Tensioner 2P Connector**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

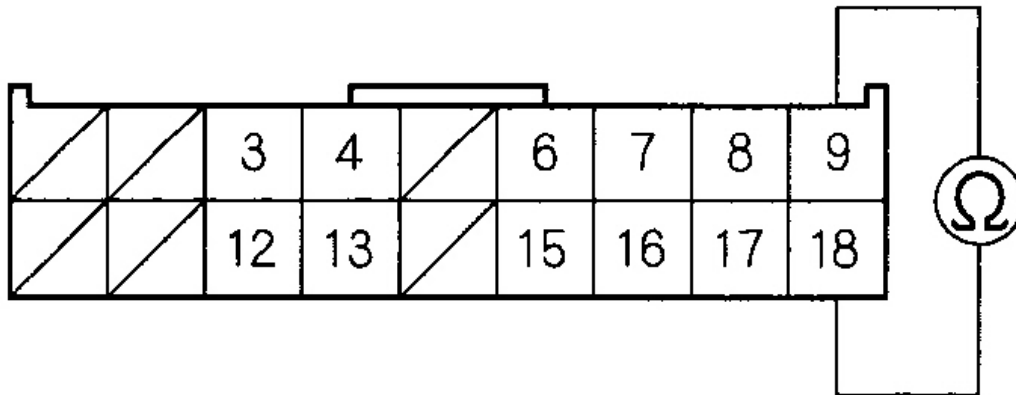
11. Disconnect the simulator lead from the floor wire harness 2P connector.
12. Disconnect SRS unit connector A (18P) from the SRS unit.



G03683164

**Fig. 96: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

13. Check resistance between the No. 9 terminal and the No. 18 terminal of SRS unit connector A (18P). There should be an open circuit or at least 1 M ohm.

**SRS UNIT CONNECTOR A (18P)****Wire side of female terminals**

G03683165

**Fig. 97: Checking Resistance Between No. 9 Terminal And No. 18 Terminal Of SRS Unit Connector A (18P)**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the resistance as specified ?*

**YES** -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

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

**DTC 4-4: SHORT TO POWER IN PASSENGER'S SEAT BELT TENSIONER**

**Special Tools Required**

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A

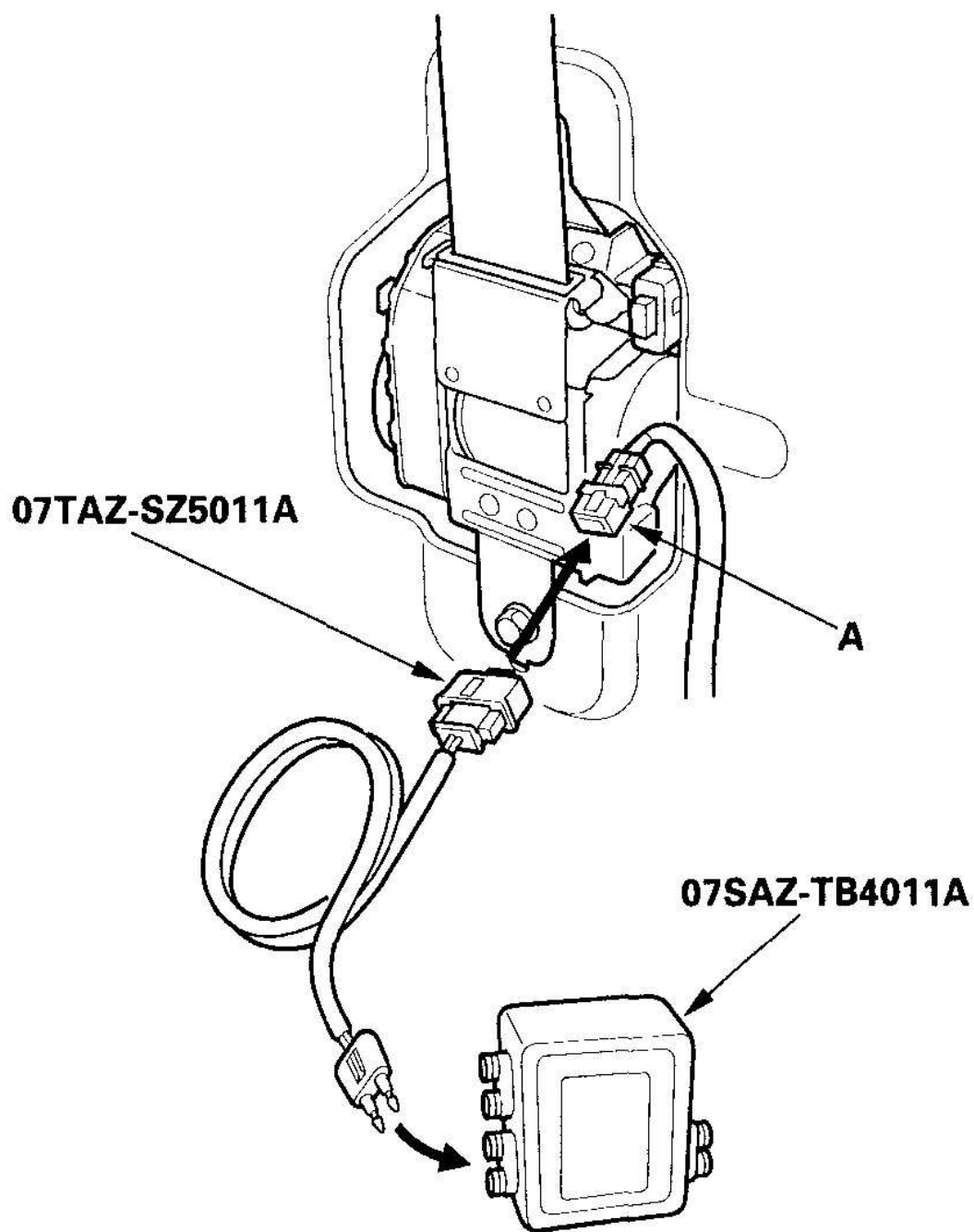
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

*Does the SRS indicator stay on, and is DTC 4-4 indicated ?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

3. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the passenger's seat belt tensioner.



G03683166

**Fig. 98: Connecting SRS Inflator Simulator And Simulator Lead C To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

5. Connect the SRS inflator simulator (2 ohm connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 4-4 indicated ?*

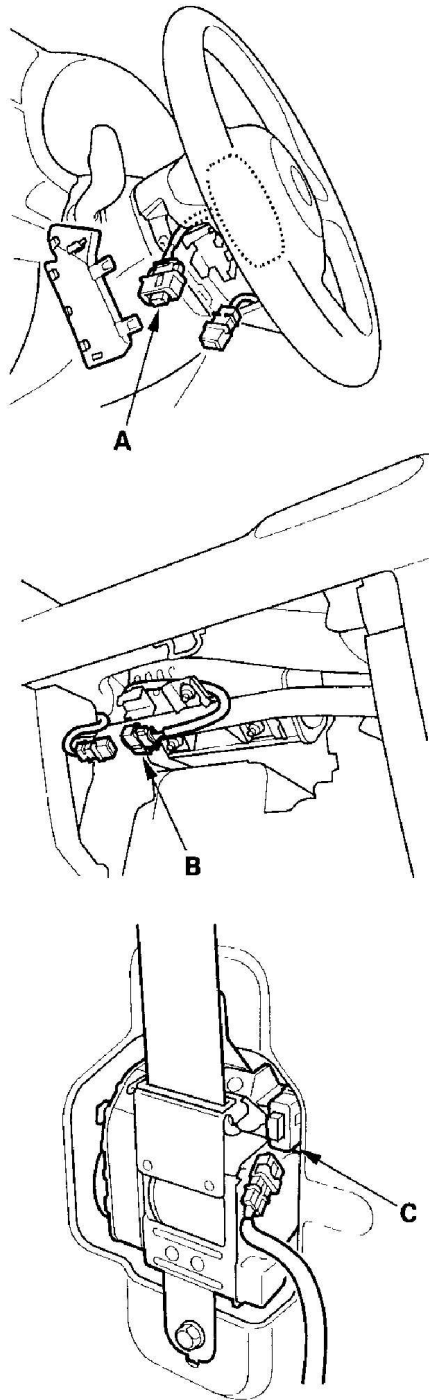
**YES** -Go to step 9.

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

9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's airbag 2P connector (A), passenger's airbag 2P connector (B), and driver's seat belt tensioner 2P connector (C).

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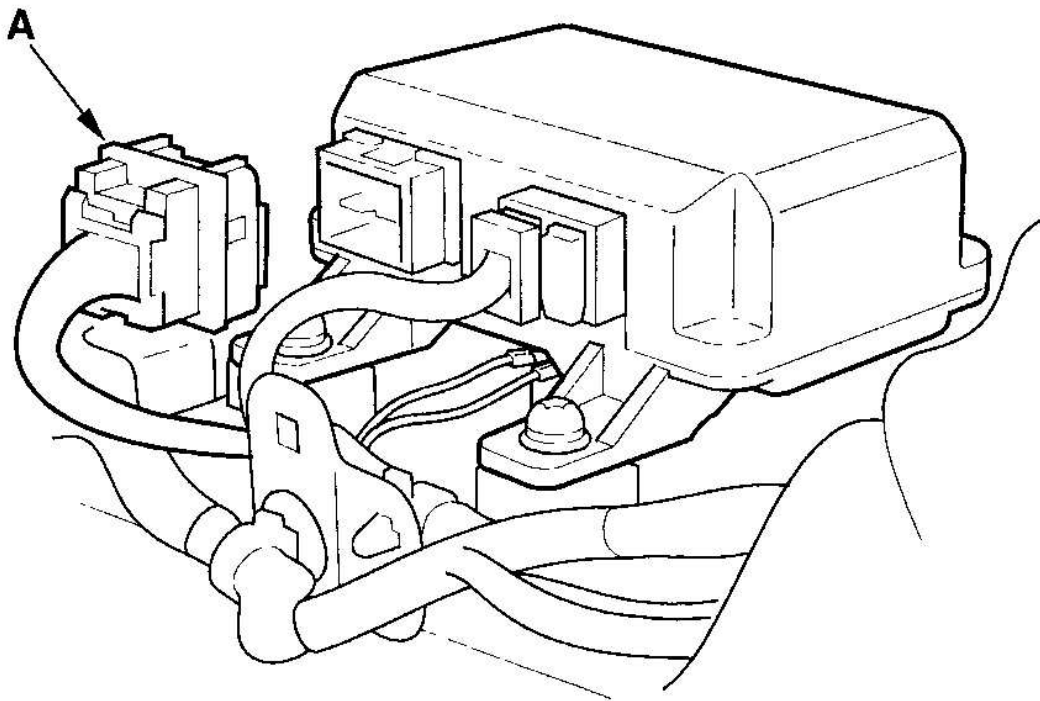
2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight



G03683167

**Fig. 99: Disconnecting Driver's Airbag 2P Connector, Passenger's Airbag 2P Connector And Driver's Seat Belt Tensioner 2P Connector**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

11. Disconnect the simulator lead from the floor wire harness.
12. Disconnect SRS unit connector A (18P) from the SRS unit.

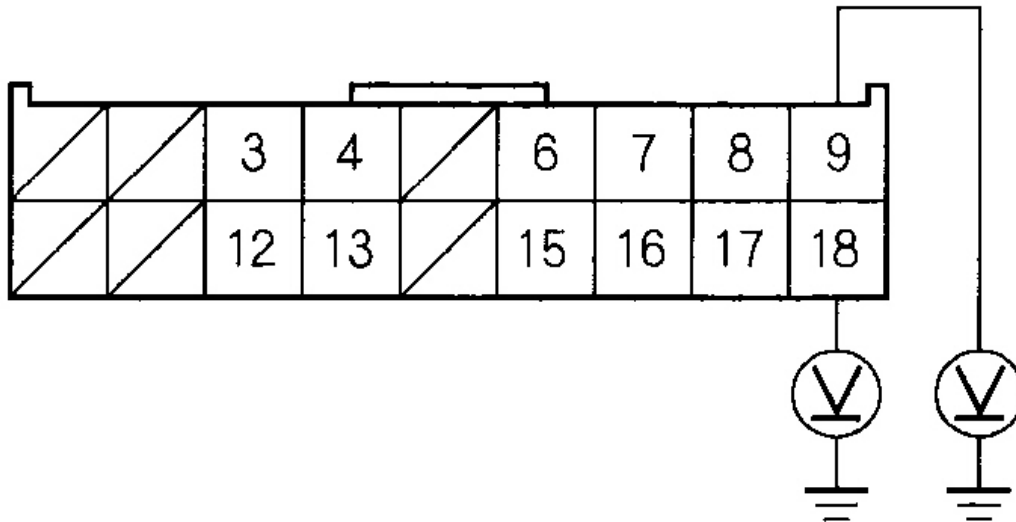


G03683168

**Fig. 100: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

13. Reconnect the battery negative cable.
14. Turn the ignition switch ON (II).
15. Check resistance between the No. 9 terminal of SRS unit connector A (18P) and body ground and the No. 18 terminal and body ground There should be 0.5 V or less.



**SRS UNIT CONNECTOR A (18P)**

Wire side of female terminals

G03683169

**Fig. 101: Checking Resistance Between No. 9 Terminal Of SRS Unit Connector A (18P) And Body Ground**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

*Is the voltage as specified ?*

**YES** -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

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

**DTC 4-5: SHORT TO GROUND IN PASSENGER'S SEAT BELT TENSIONER**

**Special Tools Required**

- SRS inflator simulator 07SAZ-TB4011A
- SRS simulator lead C 07TAZ-SZ5011A

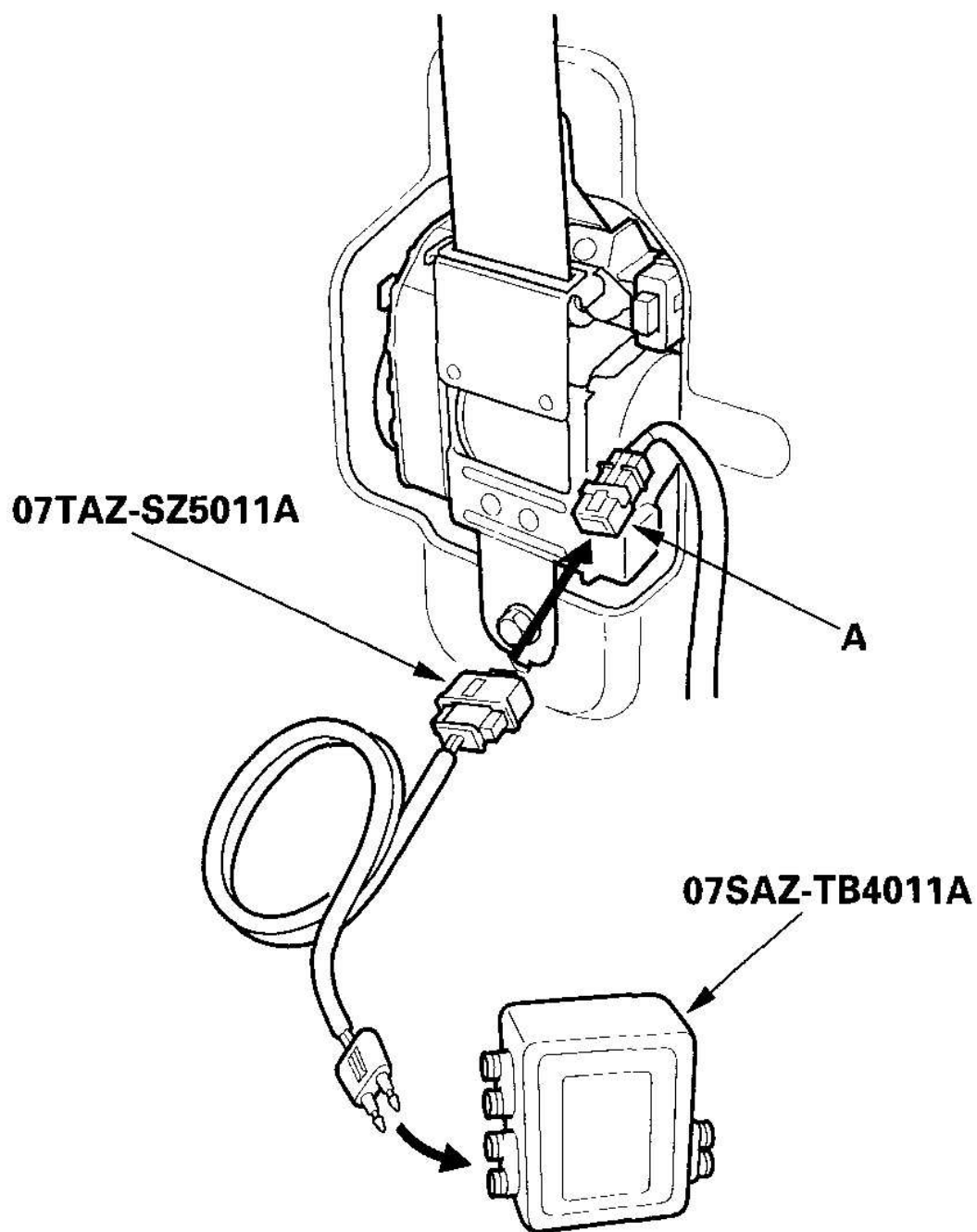
1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
2. Turn the ignition switch ON (II), and check that the SRS indicator comes on for about 6 seconds and then goes off.

*Does the SRS indicator stay on, and is DTC 4-5 indicated ?*

**YES** -Go to step 3.

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

3. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
4. Disconnect the floor wire harness 2P connector (A) from the passenger's seat belt tensioner.



G03683170

**Fig. 102: Connecting SRS Inflator Simulator And Simulator Lead C To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

5. Connect the SRS inflator simulator (2 0, connector) and simulator lead C to the floor wire harness.
6. Reconnect the battery negative cable.
7. Erase the DTC memory.
8. Read the DTC (see **GENERAL TROUBLESHOOTING INFORMATION** ).

*Is DTC 4-5 indicated ?*

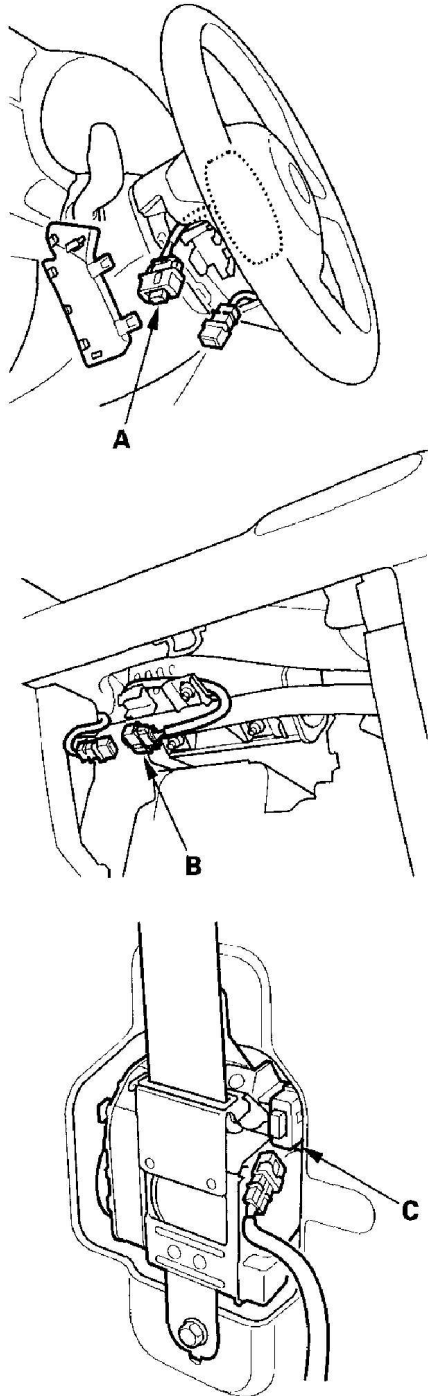
**YES** -Go to step 9.

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

9. Turn the ignition switch OFF, then disconnect the battery negative cable, and wait for 3 minutes.
10. Disconnect the driver's airbag 2P connector (A), passenger's airbag 2P connector (B), and driver's seat belt tensioner 2P connector (C).

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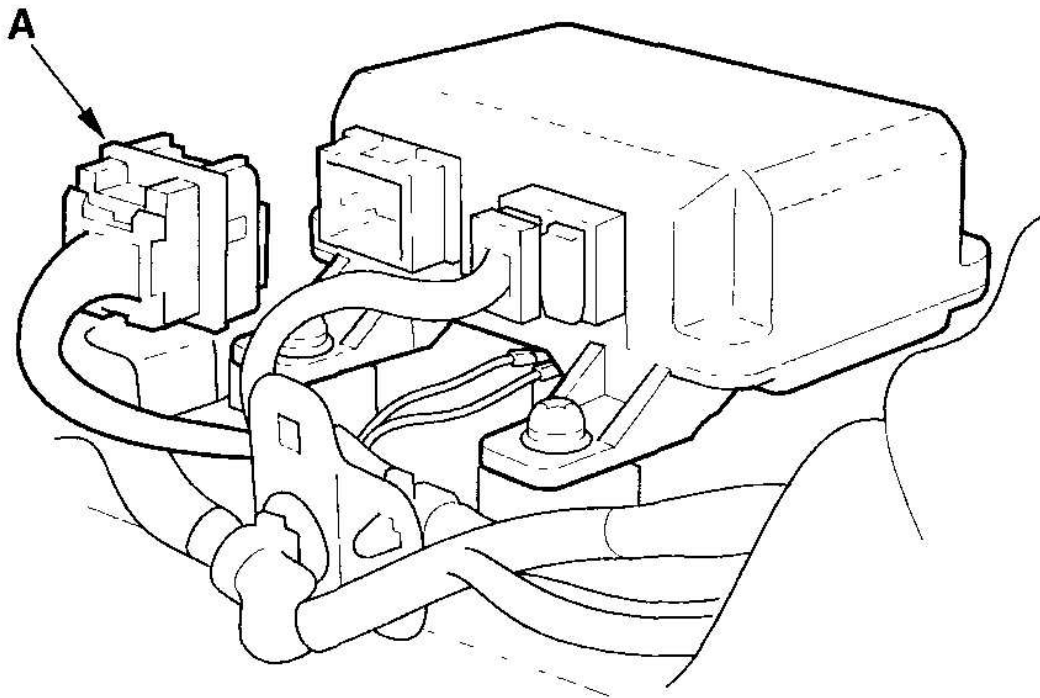
2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight



G03683171

**Fig. 103: Disconnecting Driver's Airbag 2P Connector, Passenger's Airbag 2P Connector And Driver's Seat Belt Tensioner 2P Connector**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

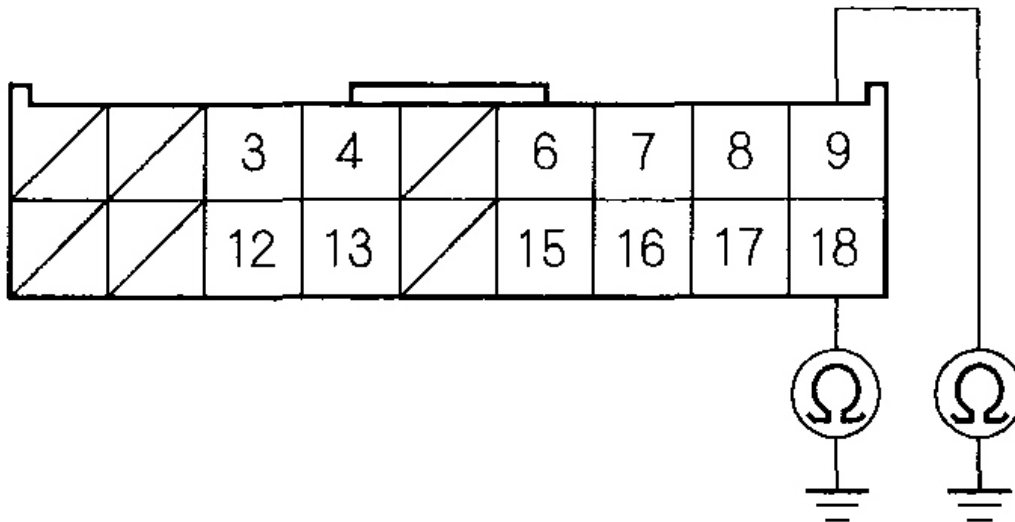
11. Disconnect the simulator lead from the floor wire harness.
12. Disconnect SRS unit connector A (18P) from the SRS unit.



G03683172

**Fig. 104: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

13. Check resistance between the No. 9 terminal of SRS unit connector A (18P) and body ground, and the No. 18 terminal and body ground. There should be an open circuit or at least 1 M ohm.

**SRS UNIT CONNECTOR A (18P)**

Wire side of female terminals

G03683173

**Fig. 105: Checking Resistance Between No. 9 Terminal Of SRS Unit Connector A (18P) And Body Ground**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the resistance as specified ?*

**YES** -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

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

**DTC 5-1, 5-2, 5-3, 5-4, 6-1, 6-2, 6-3, 6-4, 7-1, 7-2, 7-3, 8-1, 8-2, 8-3, 8-4, 8-6: INTERNAL FAILURE OF THE SRS UNIT**

**NOTE:** Before troubleshooting any of these DTCs, check the battery/system voltage. If the voltage is low, repair the charging system or replace the battery before troubleshooting the SRS. If the battery/system voltage is now OK, ask the customer if the battery ever went dead. A dead battery may trigger one of these DTCs.

1. Erase the DTC memory (see **ERASING THE DTC MEMORY** ).
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 5-1, 5-2, 5-3, 5-4, 6-1, 6-2, 6-3, 6-4, 7-1, 7-2, 7-3, 8-1, 8-2, 8-3, 8-4, or 8-6 indicated ?*

**YES** -Replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

**NO** -Intermittent failure, system is OK at this time. Go to Troubleshooting Intermittent Failures (see **TROUBLESHOOTING INTERMITTENT FAILURES** ). If another DTC is indicated, go to the **DTC TROUBLESHOOTING INDEX** .

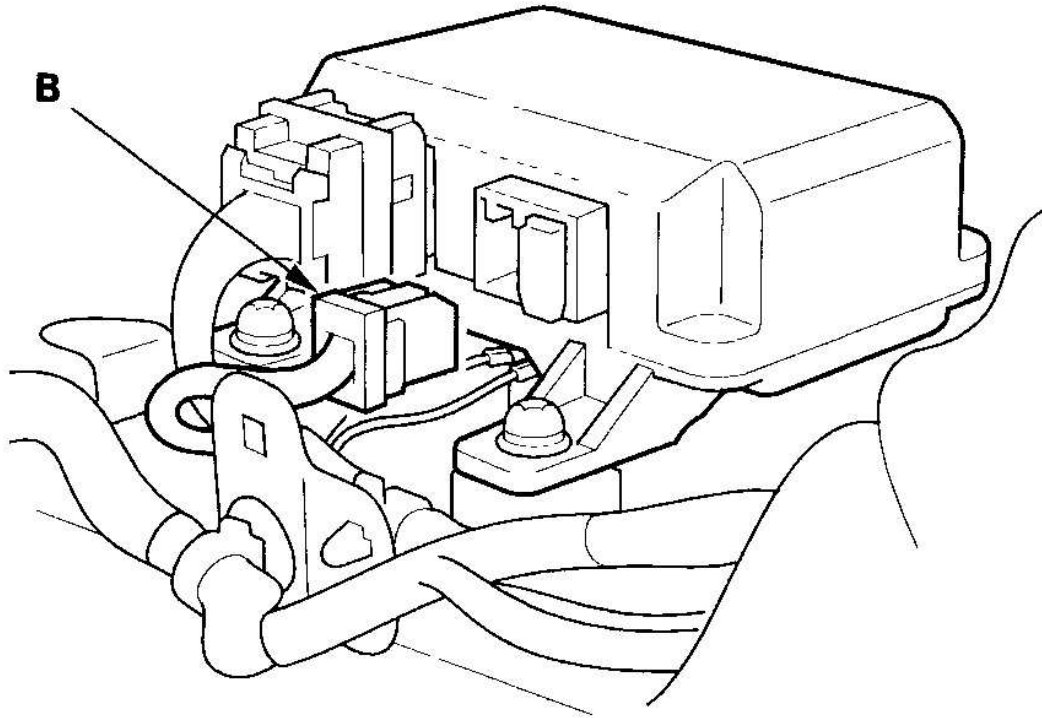
#### **DTC 10-1: AIRBAGS AND SEAT BELT TENSIONERS DEPLOYED**

The SRS unit must be replaced after any airbags and tensioners have deployed (see **COMPONENT REPLACEMENT/INSPECTION AFTER DEPLOYMENT** ).

#### **DTC 9-1: INTERNAL FAILURE OF THE SRS UNIT**

1. Turn the ignition switch OFF. Disconnect the battery negative cable, and wait for 3 minutes.
2. Disconnect SRS unit connector B (8P) from the SRS unit.

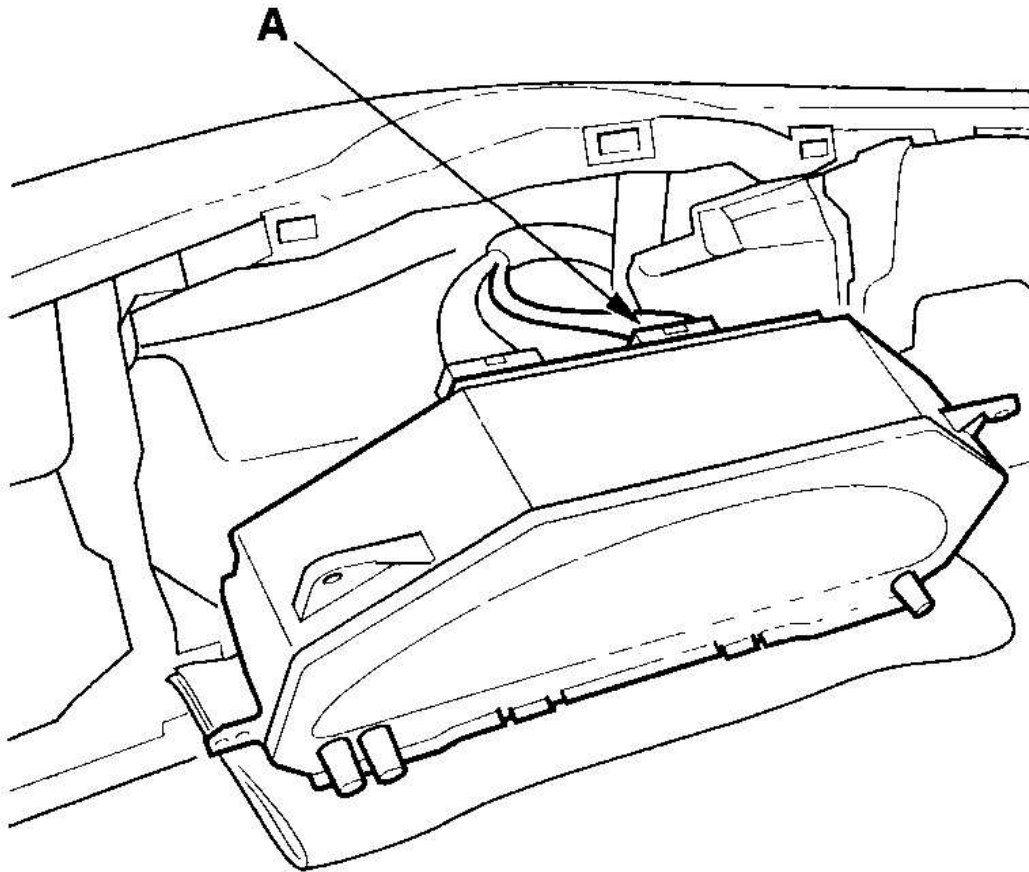




G03683174

**Fig. 106: Disconnecting SRS Unit Connector B (8P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

3. Remove the gauge assembly (see **GAUGE ASSEMBLY REPLACEMENT** ).  
Disconnect gauge assembly connector A (22P) from the gauge assembly.



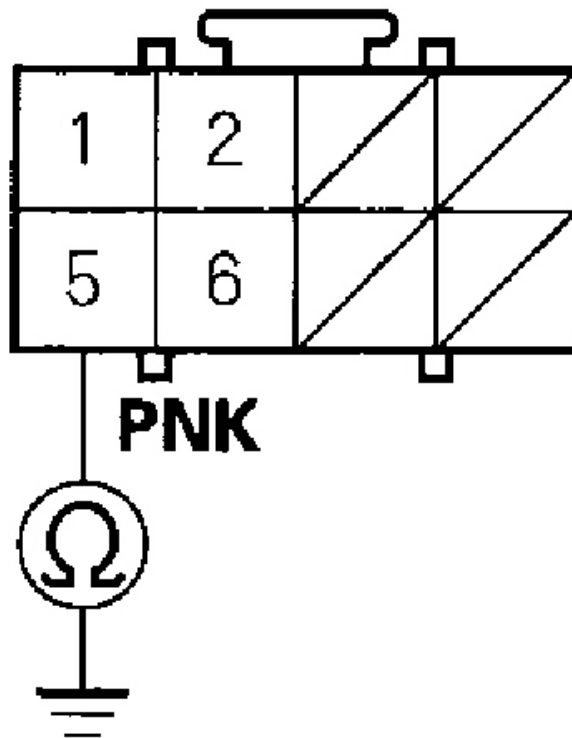
G03683175

**Fig. 107: Disconnecting Gauge Assembly Connector A (22P) From Gauge Assembly**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

4. Check resistance between the No. 5 terminal of SRS unit connector B (8P) and body ground. There should be an open circuit or at least 1 M ohm.

## SRS UNIT CONNECTOR B (8P)



Wire side of female terminals

G03683176

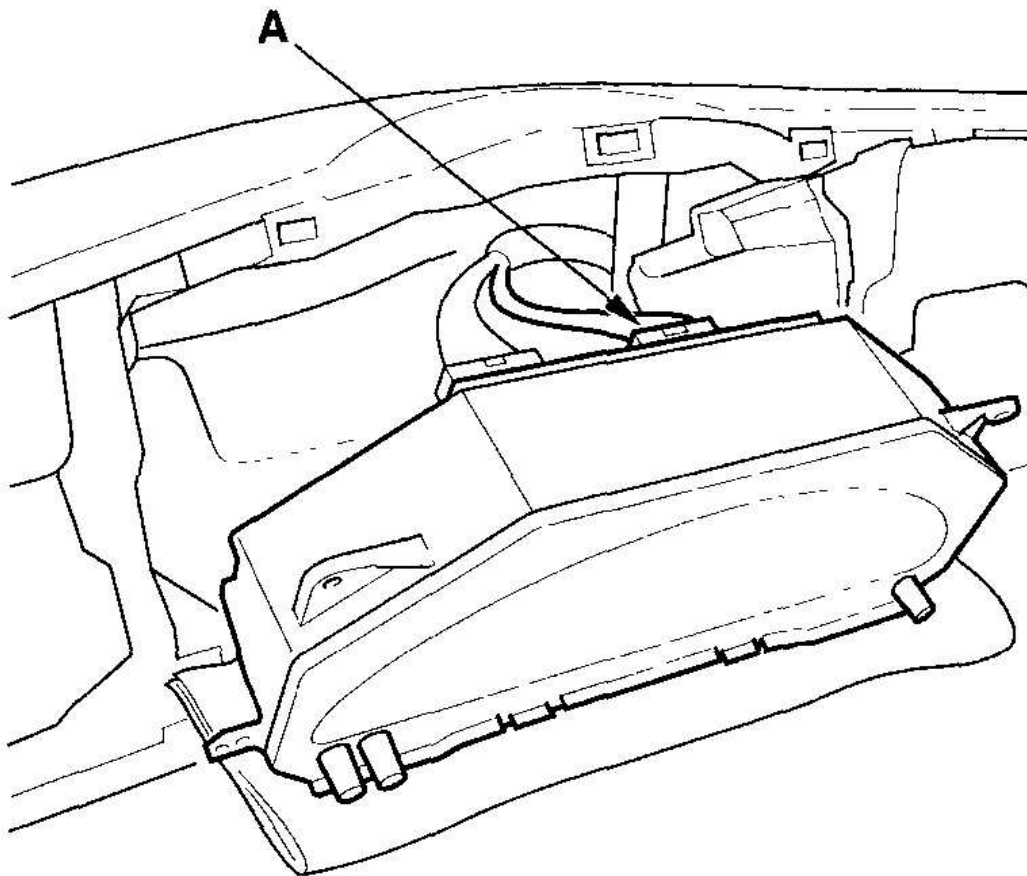
**Fig. 108: Checking Resistance Between No. 5 Terminal Of SRS Unit Connector B (8P) And Body Ground**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

*Is the resistance as specified ?*

**YES** -Go to step 5.

**NO** -Short to ground in the PNK wire of dashboard wire harness A or floor wire harness. Replace the faulty harness.

5. Reconnect the gauge assembly connector A (22P) to the gauge assembly.



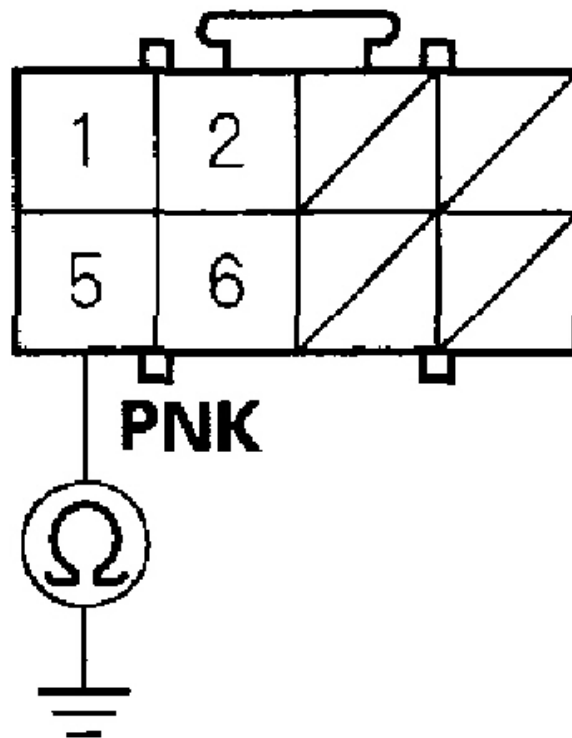
G03683177

**Fig. 109: Reconnecting Gauge Assembly Connector A (22P) To Gauge Assembly**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

6. Check resistance between the No. 5 terminal of SRS unit connector B (8P) and body ground. There should be 500  $\Omega$ , or more.

## SRS UNIT CONNECTOR B (8P)



**Wire side of female terminals**

G03683178

**Fig. 110: Checking Resistance Between No. 5 Terminal Of SRS Unit Connector B (8P) And Body Ground**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the resistance as specified ?*

**YES** -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

**NO** -Faulty SRS indicator circuit in the gauge assembly; replace the gauge assembly (see **GAUGE ASSEMBLY REPLACEMENT** ).

**DTC 9-2: FAULTY POWER SUPPLY (VB LINE)**

1. Check the No. 1 (10 A) fuse in the under-dash fuse/ relay box.

*Is the fuse OK ?*

**YES** -Go to step 5 .

**NO** -Go to step 2.

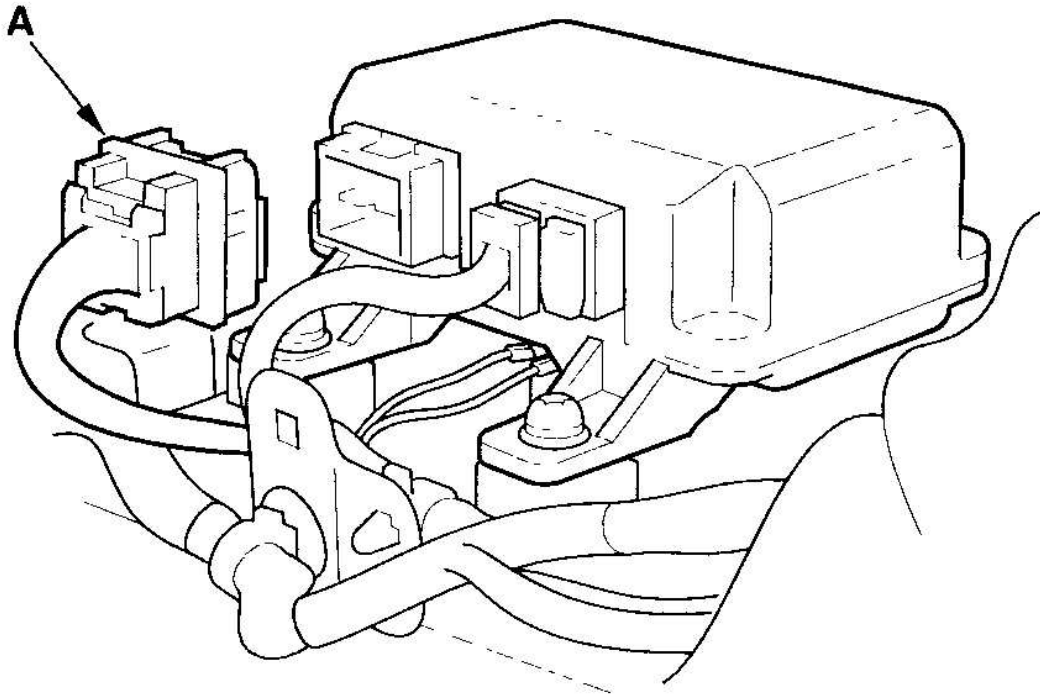
2. Replace the No. 1 (10 A) fuse.
3. Turn the ignition switch ON (II), and wait for 30 seconds. Then turn the ignition switch OFF.
4. Check the No. 1 (10 A) fuse.

*Is the fuse OK ?*

**YES** -The system is OK at this time.

**NO** -Short in the under-dash fuse/relay box No. 1 (10 A) fuse circuit.

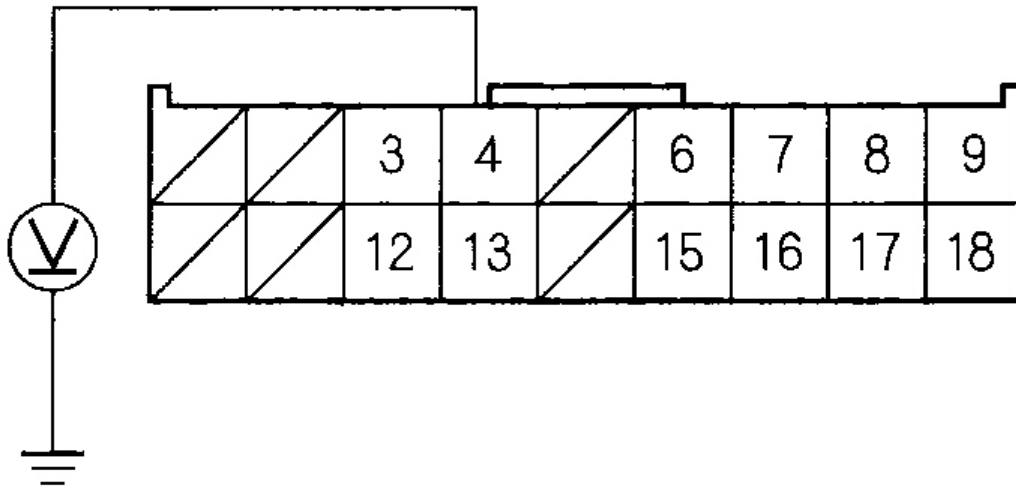
5. Disconnect the battery negative cable, and wait for 3 minutes.
6. Disconnect the driver's airbag 4P connector (see **DRIVER'S AIRBAG** ).
7. Disconnect the front passenger's airbag 4P connector (see **DRIVER'S AIRBAG** ).
8. Disconnect both seat belt tensioner 2P connectors (see **DRIVER'S AIRBAG** ).
9. Disconnect SRS unit connector A (18P) from the SRS unit.



G03683179

**Fig. 111: Disconnecting SRS Unit Connector A (18P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

10. Reconnect the battery negative cable.
11. Connect a voltmeter between the No. 4 terminal of SRS unit connector A (18P) and body ground. Turn the ignition switch ON (II), and measure the voltage. There should be battery voltage.

**SRS UNIT CONNECTOR A (18P)**

**Wire side of female terminals**

G03683180

**Fig. 112: Checking Voltage Between No. 4 Terminal Of SRS Unit Connector A (18P) And Body Ground**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is there battery voltage ?*

**YES** -Faulty SRS unit or poor connection at SRS unit connector A (18P); check the connection. If the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

**NO** -Go to step 12.

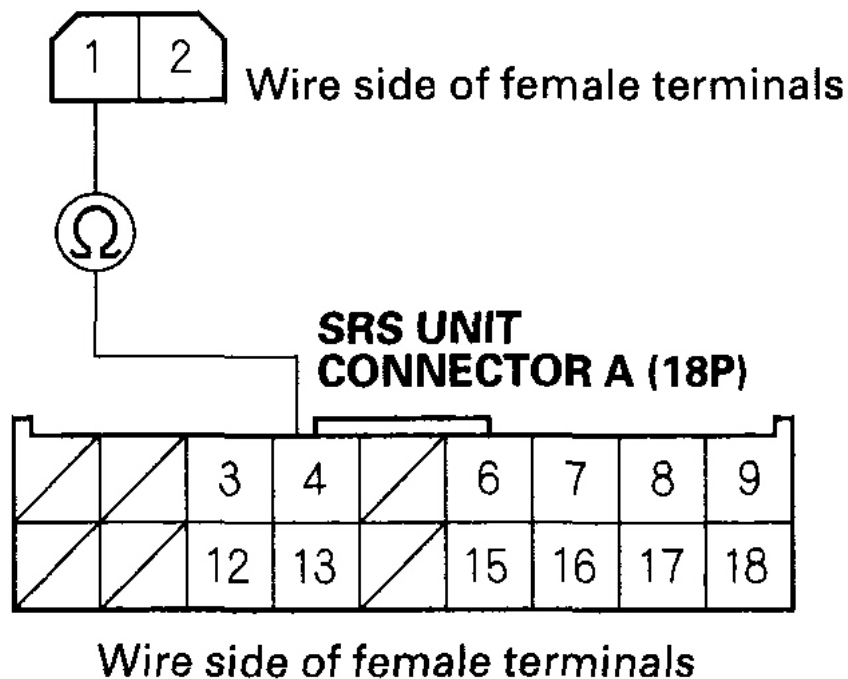
12. Turn the ignition switch OFF.
13. Disconnect the battery negative cable, and wait for 3 minutes.
14. Disconnect dashboard wire harness B connector A from the under-dash



fuse/relay box (see **UNDER-DASH FUSE/RELAY BOX** ).

15. Check resistance between the No. 4 terminal of SRS unit connector A (18P) and the No. 1 terminal of dashboard wire harness B connector A (2P). There should be 0-1.0 ohm.

### DASHBOARD WIRE HARNESS B CONNECTOR A (2P)



G03683181

**Fig. 113: Checking Resistance Between No. 4 Terminal Of SRS Unit Connector A And No. 1 Terminal Of Dashboard Wire Harness B Connector A**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the resistance as specified ?*

**YES** -Open in the under-dash fuse/relay box or poor connection at the dashboard wire harness B connector A (2P); check the connection. If the

connection is OK, replace the under-dash fuse/relay box (see **UNDER-DASH FUSE/RELAY BOX** ).

**NO** -Open in dashboard wire harness B; replace dashboard wire harness B.

## **SYMPTOM TROUBLESHOOTING**

### **SRS INDICATOR DOES NOT COME ON**

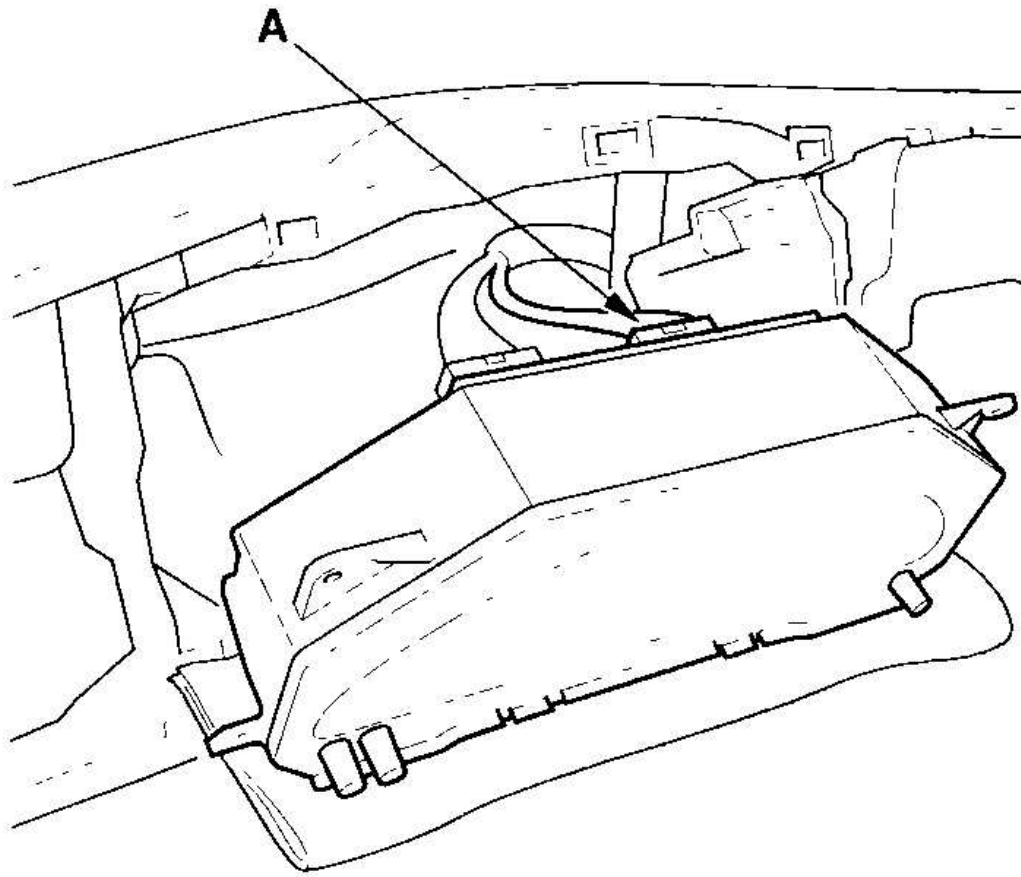
1. Turn the ignition switch ON (II), and see if the other indicators come on (brake system, etc).

*Do the other indicators come on?*

**YES** -Go to step 2.

**NO** -Go to step 8 .

2. Turn the ignition switch OFF, then remove the gauge assembly (see **GAUGE ASSEMBLY REPLACEMENT** ). Disconnect gauge assembly connector A from the gauge assembly.

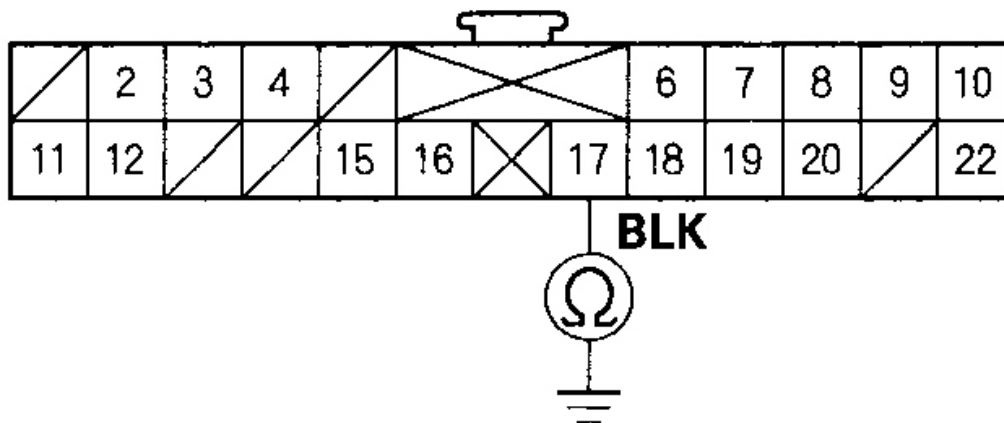


G03683182

**Fig. 114: Disconnecting Gauge Assembly Connector A From Gauge Assembly**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

3. Check resistance between the No. 17 terminal of gauge assembly connector A (22P) and body ground. There should be 0-1.0 ohm.

**GAUGE ASSEMBLY CONNECTOR A (22P)**

Wire side of female terminals

G03683183

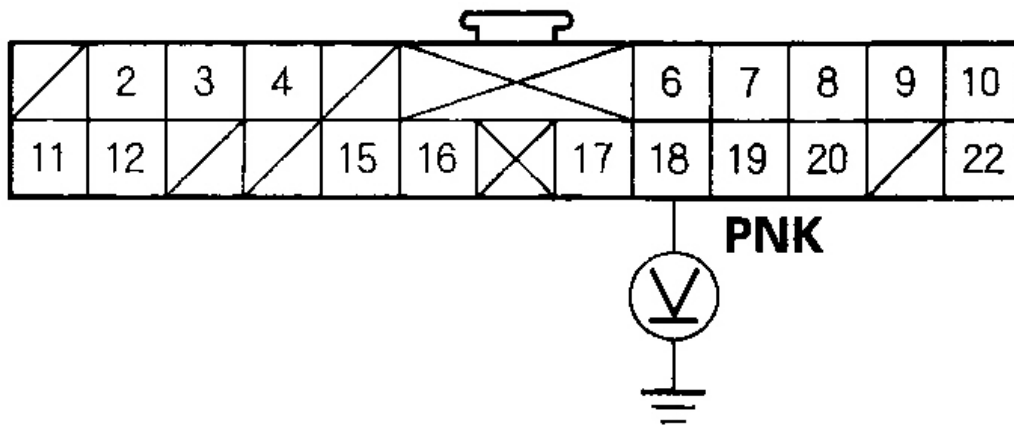
**Fig. 115: Checking Resistance Between No. 17 Terminal Of Gauge Assembly Connector A (22P) And Body Ground**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the resistance as specified?*

**YES** - Go to step 4.

**NO** - Open in the BLK wire of the dashboard wire harness or faulty body ground terminal (G401) (see ). If the body ground terminal is OK, replace dashboard wire harness.

4. Check for voltage between the No. 18 terminal of gauge assembly connector A (22P) and body ground within the first 6 seconds after turning the ignition switch ON (II). There should be 8.5 V or less.

**GAUGE ASSEMBLY CONNECTOR A (22P)**

Wire side of female terminals

G03683184

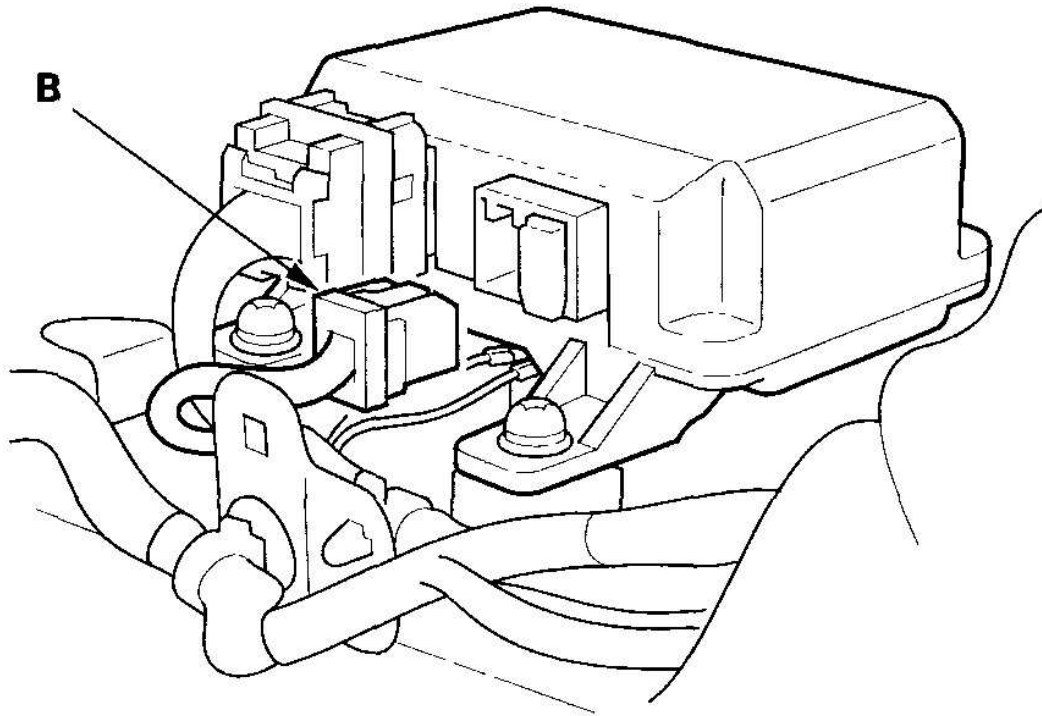
**Fig. 116: Checking Voltage Between No. 18 Terminal Of Gauge Assembly Connector A (22P) And Body Ground**  
 Courtesy of AMERICAN HONDA MOTOR CO., INC.

*Is the voltage as specified?*

**YES** -Faulty SRS indicator circuit in the gauge assembly; replace the gauge assembly (see **GAUGE ASSEMBLY REPLACEMENT** ).

**NO** -Go to step 5.

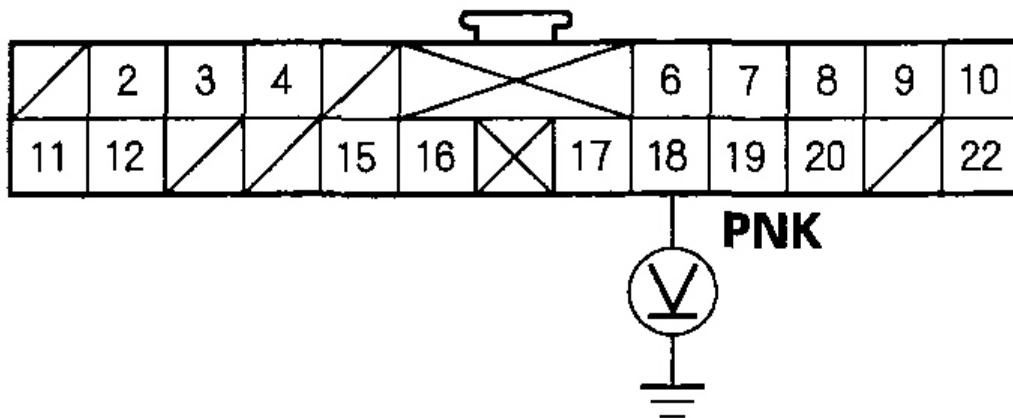
5. Turn the ignition switch OFF.
6. Disconnect SRS unit connector B (8P) from the SRS unit.



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**Fig. 117: Disconnecting SRS Unit Connector B (8P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

7. Disconnect gauge assembly connector A (22P). Connect a voltmeter between the No. 18 terminal of gauge assembly connector A (22P) and body ground. Turn the ignition switch ON (II), and measure voltage. There should be 0.5 V or less.

**GAUGE ASSEMBLY CONNECTOR A (22P)**

Wire side of female terminals

G03683186

**Fig. 118: Checking Voltage Between No. 18 Terminal Of Gauge Assembly Connector A (22P) And Body Ground**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the voltage as specified?*

**YES** -Faulty SRS unit; replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

**NO** -Short to power in the PNK wire of dashboard wire harness A or in the floor wire harness; replace the faulty harness.

8. Turn the ignition switch OFF. Check the No. 6 (7.5 A) fuse in the under-dash fuse/relay box.

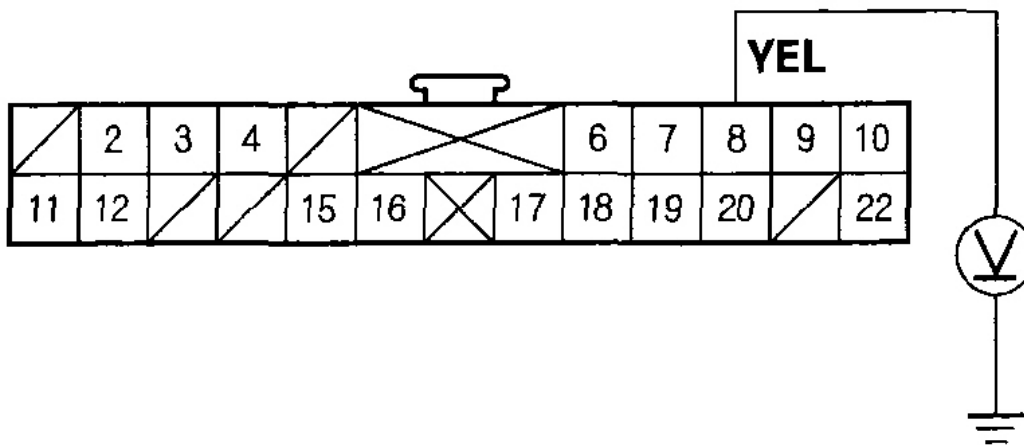
*Is the fuse blown?*

**YES** -Go to step 10 .

**NO** -Go to step 9.

9. Connect a voltmeter between the No. 8 terminal of gauge assembly connector A (22P) and body ground. Turn the ignition switch ON (II), and measure the voltage. There should be battery voltage.

### GAUGE ASSEMBLY CONNECTOR A (22P)



*Wire side of female terminals*

G03683187

**Fig. 119: Checking Voltage Between No. 8 Terminal Of Gauge Assembly Connector A (22P) And Body Ground**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is there battery voltage?*

**YES** -Faulty SRS indicator circuit in the gauge assembly or poor connection at gauge assembly connector A (22P) and the gauge assembly;



if the connection is OK, replace the gauge assembly.

**NO** -Open in the under-dash fuse/relay box No. 6 (7.5 A) fuse circuit, or open in the YEL wire of dashboard wire harness. If the under-dash fuse/relay box is OK, replace the faulty harness.

10. Replace the No. 6 (7.5 A) fuse, then check to see if the indicators come on.

*Do the indicators come on?*

**YES** -The system is OK at this time.

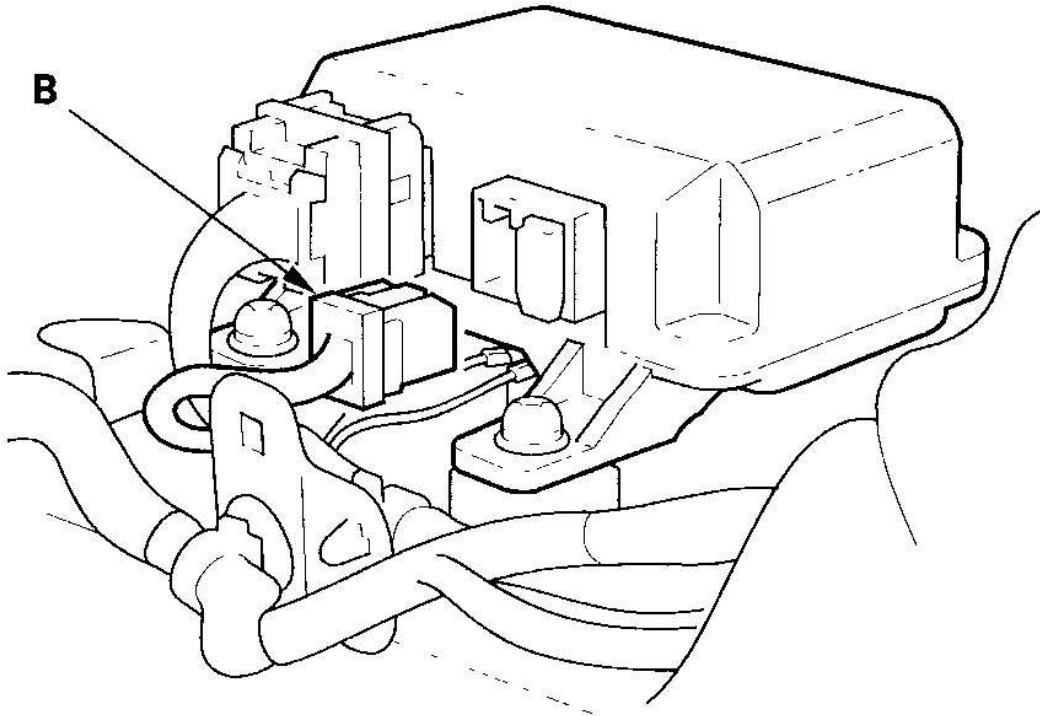
**NO** -Repair the short to ground in the under-dash fuse/relay box No. 6 (7.5 A) fuse circuit.

#### **SRS INDICATOR STAYS ON, BUT NO DTCS ARE STORED**

#### **NOTE:**

- If you cannot retrieve DTCs with the HDS using the SRS menu method, retrieve flash codes with the HDS in SCS mode.
- A new SRS unit must sense the entire system is OK before completing its initial self-test. The most common cause of an incomplete self-test is the failure to replace all deployed parts after a collision, in particular seat belt tensioners. See component replacement (see COMPONENT REPLACEMENT/INSPECTION AFTER DEPLOYMENT ).
- A battery/system voltage above 15.2 V can cause the SRS indicator to come on without storing any DTCs.

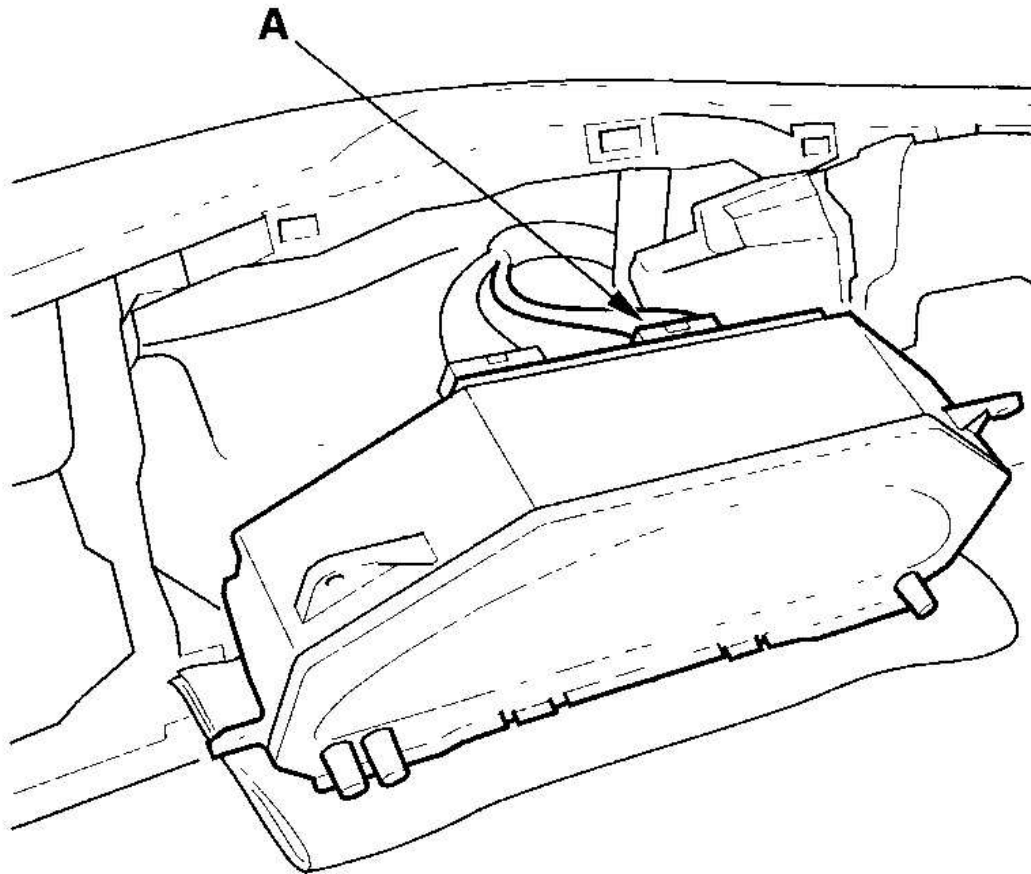
1. Disconnect the battery negative cable, and wait for 3 minutes.
2. Disconnect SRS unit connector B (8P) from the SRS unit.



G03683188

**Fig. 120: Disconnecting SRS Unit Connector B (8P) From SRS Unit**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

3. Remove the gauge assembly (see **GAUGE ASSEMBLY REPLACEMENT** ).  
Disconnect gauge assembly connector A (22P) from the gauge assembly.

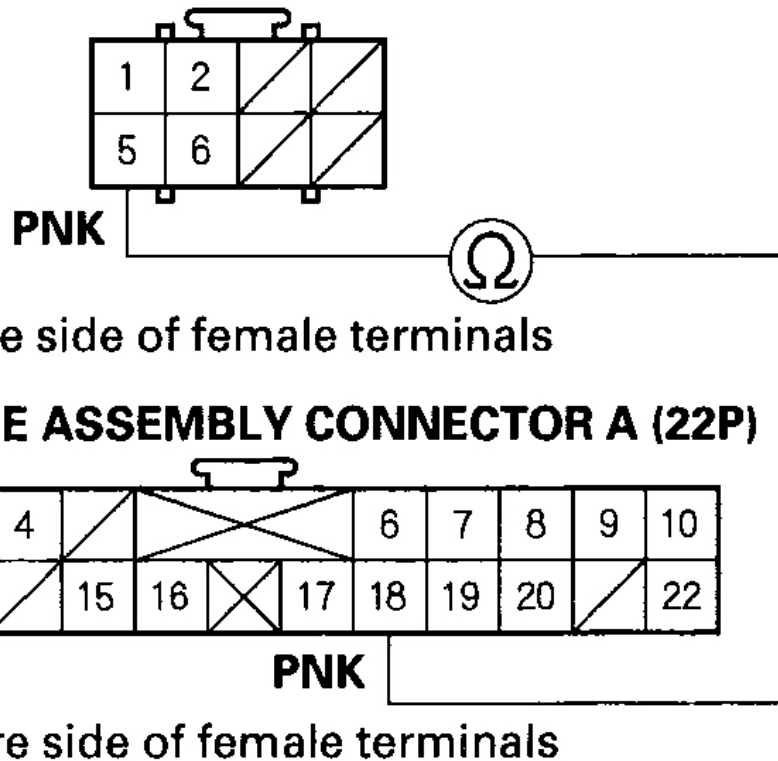


G03683189

**Fig. 121: Disconnecting Gauge Assembly Connector A (22P) From Gauge Assembly**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

4. Check resistance between the No. 18 terminal of gauge assembly connector A (22P) and the No. 5 terminal of SRS unit connector B (8P). There should be 1 ohm or less.

**SRS UNIT CONNECTOR B (8P)**

G03683190

**Fig. 122: Checking Resistance Between No. 18 Terminal Of Gauge Assembly Connector A (22P) And No. 5 Terminal Of SRS Unit Connector B (8P)**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Is the resistance as specified?*

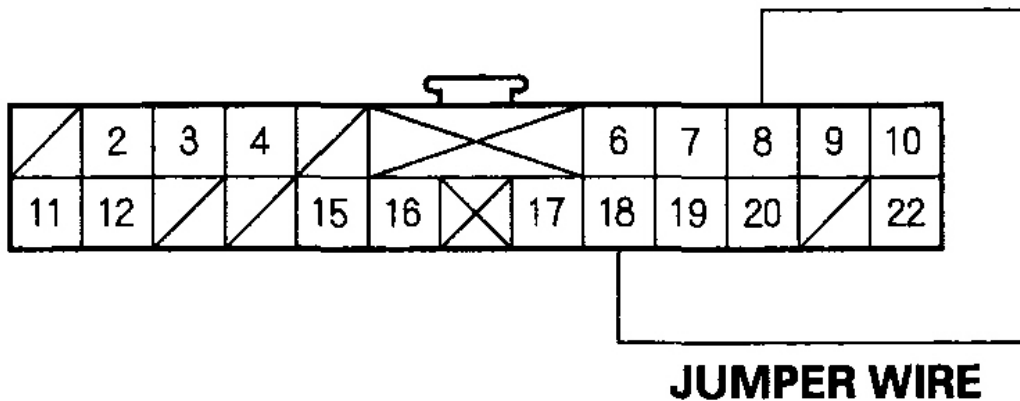
**YES** -Go to step 5.

**NO** -Open in the dashboard wire harness A or the floor wire harness; replace the faulty wire harness.

5. Reconnect the battery negative cable.
6. Reconnect gauge assembly connector A (22P) to the gauge assembly.

7. Turn the ignition switch ON (II).
8. Install a jumper wire between the No. 8 terminal and the No. 18 terminal of gauge assembly connector A (22P). The SRS indicator should go off.

### GAUGE ASSEMBLY CONNECTOR A (22P)



Wire side of female terminals

G03683191

**Fig. 123: Installing Jumper Wire Between No. 8 Terminal And No. 18 Terminal Of Gauge Assembly Connector A (22P)**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

*Does the SRS indicator go off?*

**YES** -Faulty SRS unit or poor connection at SRS unit connector B (8P) and the SRS unit; check the connection. If the connection is OK, replace the SRS unit (see **SRS UNIT REPLACEMENT** ).

**NO** -Faulty SRS indicator circuit in the gauge assembly or poor connection at gauge assembly connector A (22P); check the connection. If

the connection is OK, replace the gauge assembly.

## COMPONENT REPLACEMENT/INSPECTION AFTER DEPLOYMENT

**NOTE:** Before doing any SRS repairs, use the HDS SRS menu method to check for DTCs; refer to the DTC TROUBLESHOOTING INDEX .

After a collision where the airbag(s) deployed, replace these items:

- SRS unit
- Deployed airbag(s)
- Seat belt tensioners

During the repair process, inspect these areas:

- Inspect all the SRS wire harnesses. Replace, do not repair, any damaged harnesses.
- Inspect the cable reel for heat damage. If there is any damage, replace the cable reel.

After the vehicle is completely repaired, turn the ignition switch ON (II). If the SRS indicator comes on for about 6 seconds and then goes off, the SRS is OK. If the indicator does not function properly, use the HDS SRS Menu Method to read the DTC(s). If this does not retrieve any codes, use the HDS SCS menu method (see HDS "SCS" MENU METHOD (RETRIEVING FLASH CODES) ). If you still cannot retrieve a code, go to SYMPTOM TROUBLESHOOTING .

## DRIVER'S AIRBAG REPLACEMENT

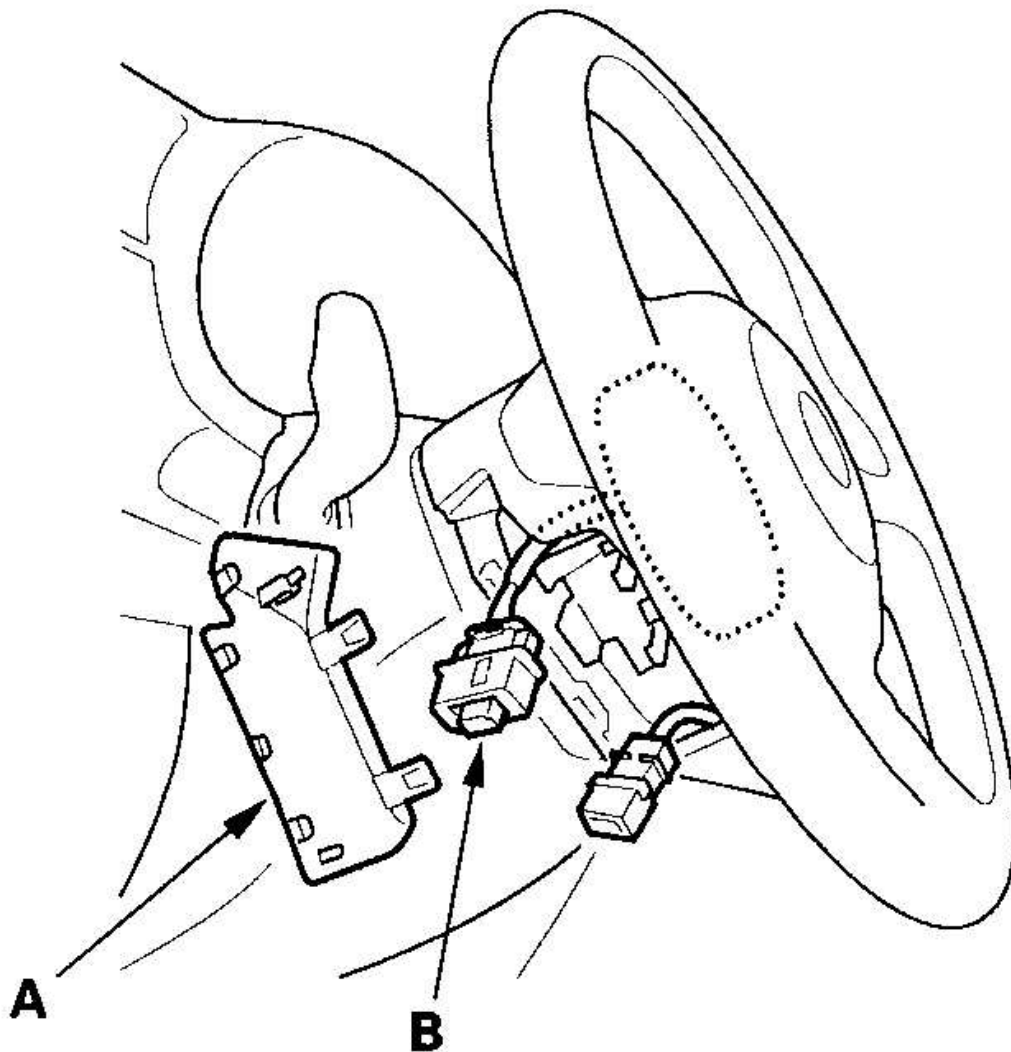
### REMOVAL

**NOTE:** Before you disconnect the battery negative cable, make sure you have the anti-theft code for the audio, and then write the audio presets.

1. Disconnect the battery negative cable, and wait at least 3 minutes before

beginning work.

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

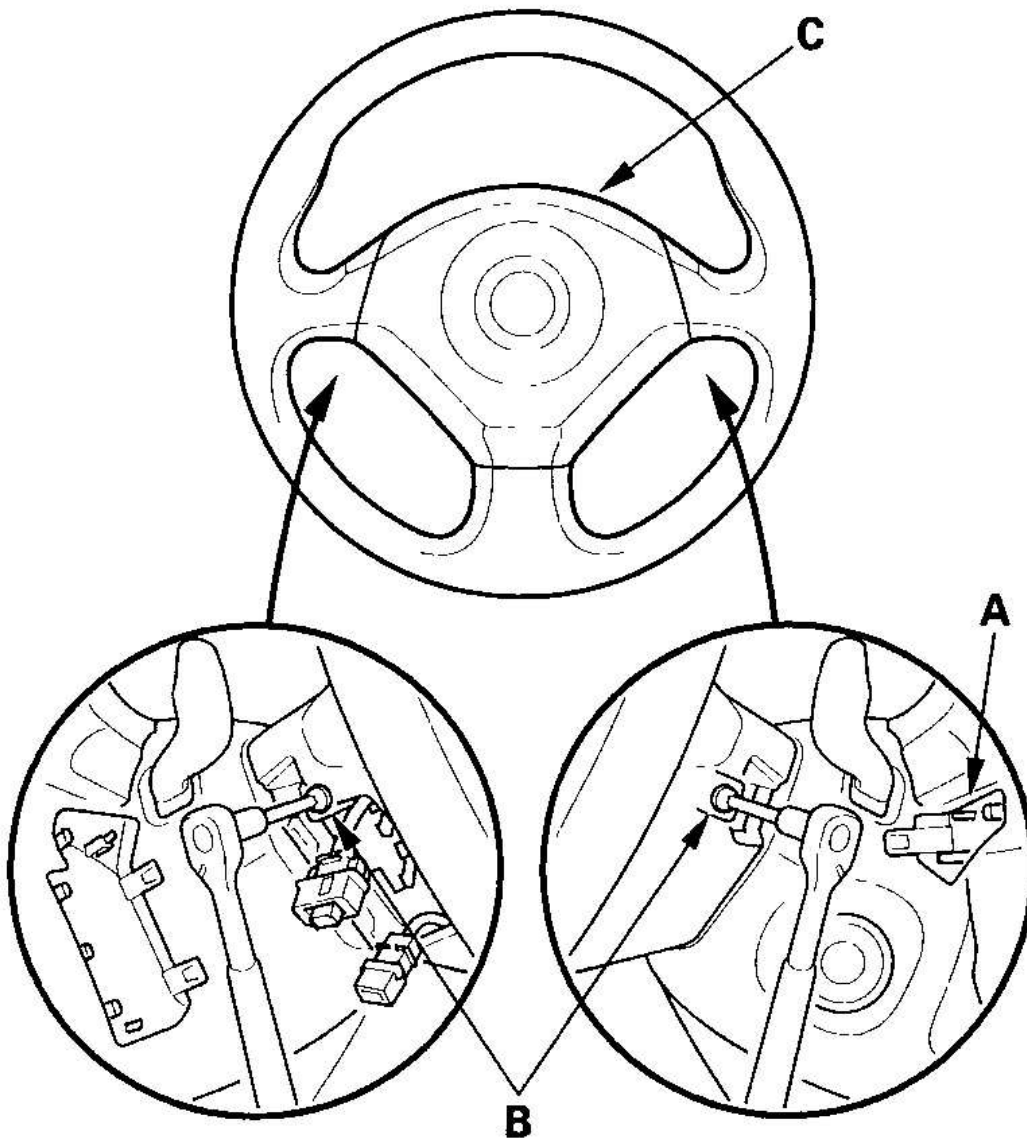


G03683192

**Fig. 124: Disconnecting Driver's Airbag 2P Connector From Cable Reel**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.



3. Remove the cover (A) from the steering wheel, using a Torx T30 bit, remove the two Torx bolts (B), then remove the driver's airbag (C).



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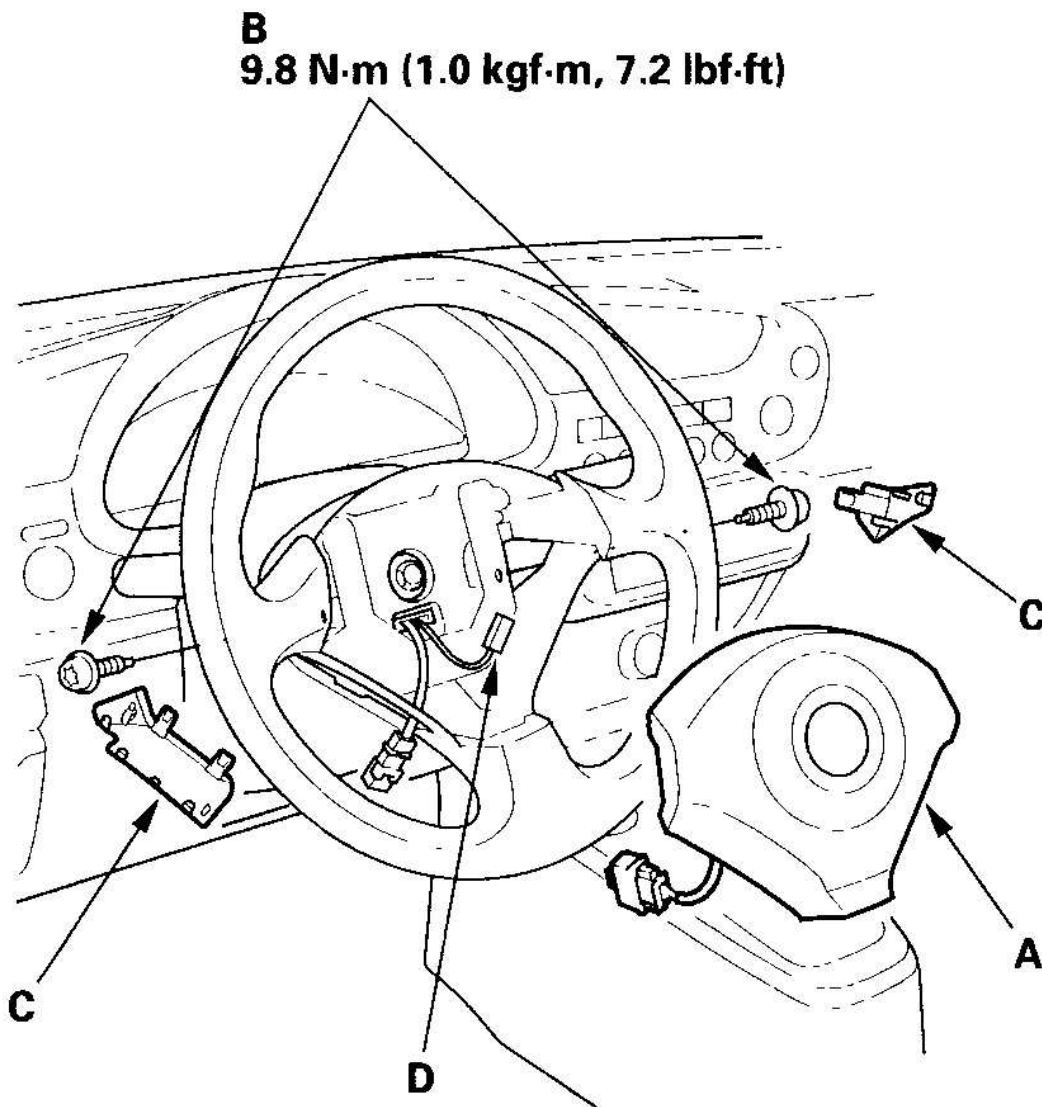
**Fig. 125: Removing Driver's Airbag**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.



4. Disconnect the horn connector from the steering wheel.

## INSTALLATION

1. Place the new driver's airbag (A) in the steering wheel, and secure it with new Torx bolts (B). Install the covers (C).

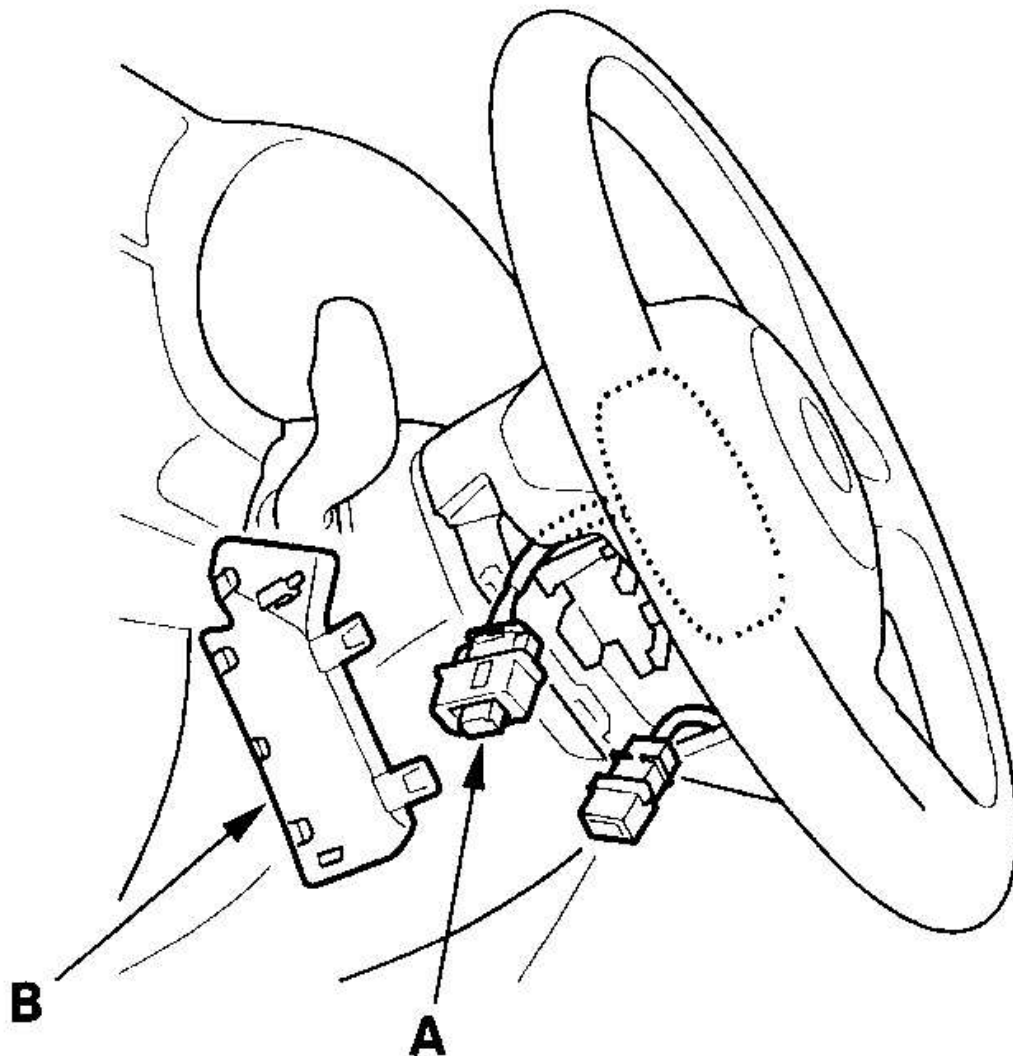


G03683194

**Fig. 126: Installing Driver's Airbag**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

2. Reconnect the horn connector (D) to the steering wheel.
3. Connect the cable reel 2P connector to the driver's airbag 2P connector (A), then install the access panel (B) on the steering wheel.



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**Fig. 127: Connecting Cable Reel 2P Connector To Driver's Airbag 2P**

## **Connector**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

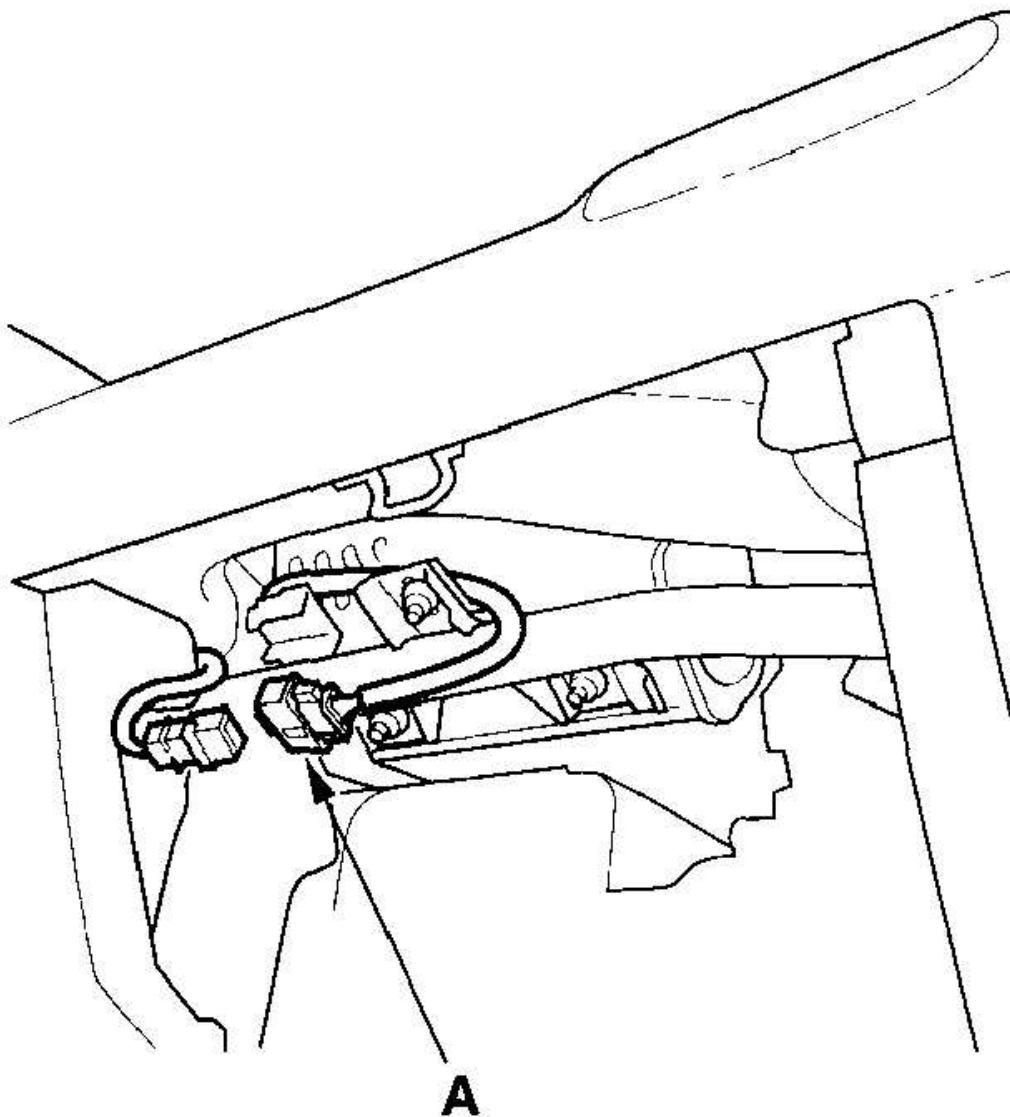
4. Connect the battery negative cable. If the IMA battery level gauge (BAT) displays no segments; remove the No. 15 EPS (40 A) fuse from the under-hood fuse/relay box, then start the engine, and hold it between 3,500 RPM and 4,000 RPM without load (in park or neutral) until the BAT displays at least three segments. Reinstall the No. 15 EPS (40 A) fuse.
5. After installing the airbag, confirm proper system operation:
  - Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.
  - Make sure the horn works.

## **PASSENGER'S AIRBAG REPLACEMENT**

### **REMOVAL**

**NOTE:** Before you disconnect the battery negative cable, make sure you have the anti-theft code for the audio, and then write the audio presets.

1. Disconnect the battery negative cable, and wait at least 3 minutes before beginning work.
2. Remove the glove box (see **GLOVE BOX REMOVAL/INSTALLATION** ), then disconnect the passenger's airbag 2P connector (A) from the floor wire harness.



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**Fig. 128: Disconnecting Passenger's Airbag 2P Connector From Floor Wire Harness**

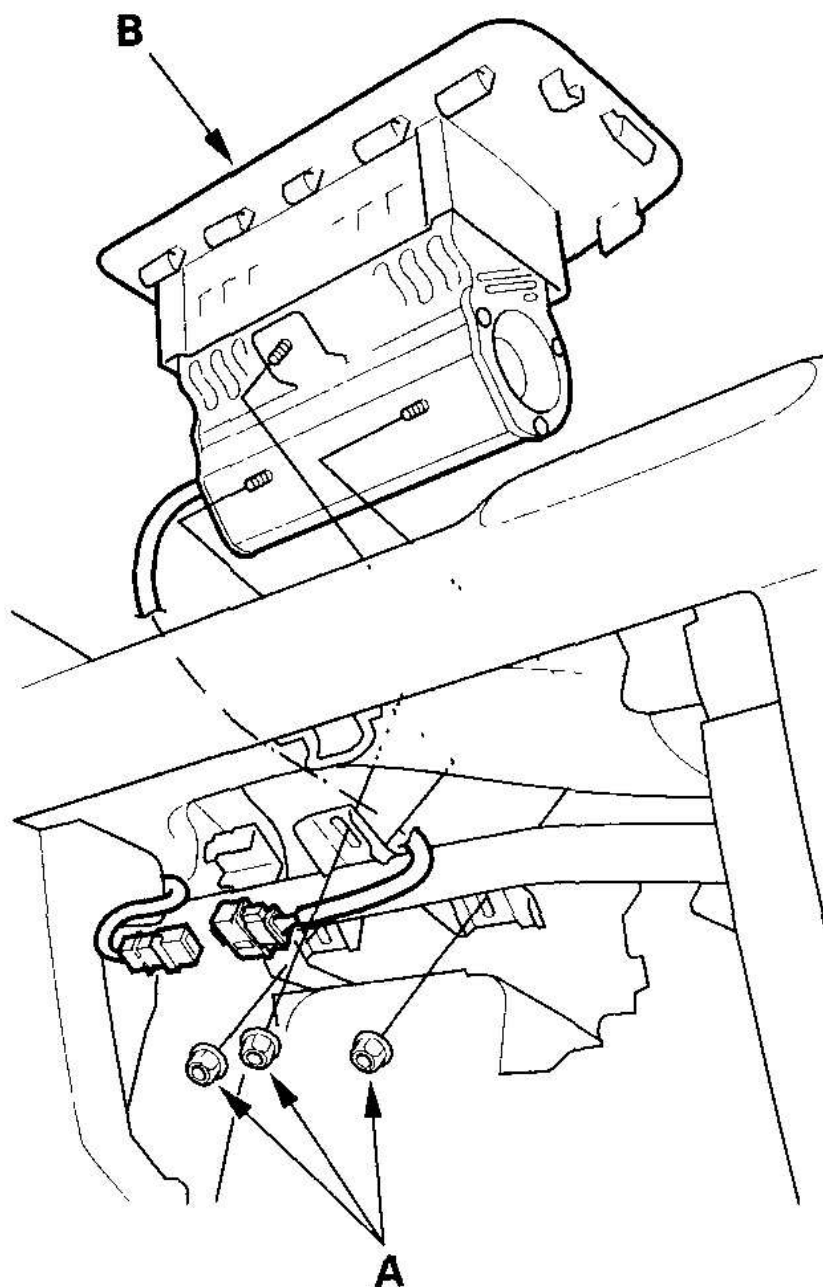
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

3. Remove the three mounting nuts (A) from the bracket. Cover the lid and

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2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight

dashboard with a cloth, and pry carefully with a flat-tip screwdriver to lift the passenger's airbag (B) out of the dashboard.

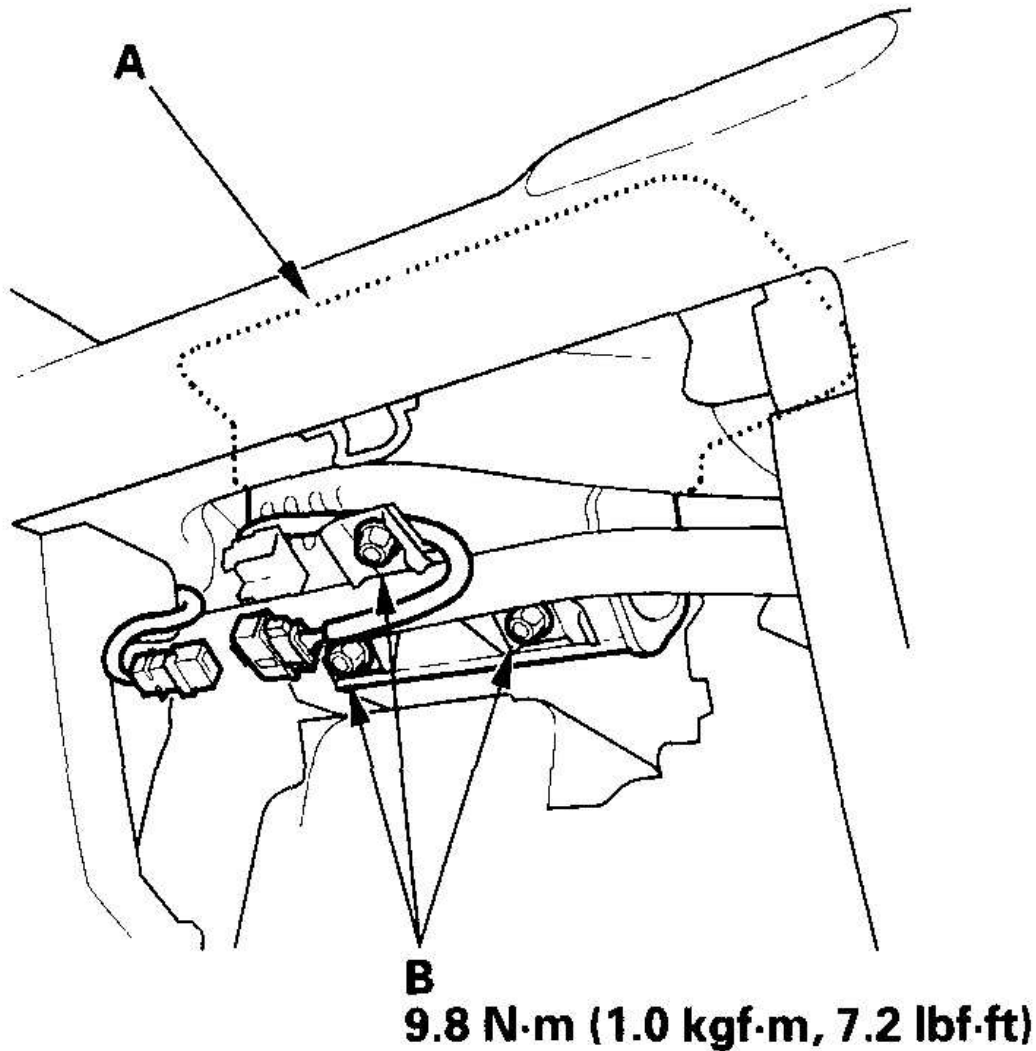
**NOTE:**     **The airbag lid has pawls on its side which attach it to the dashboard.**



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**Fig. 129: Removing Passenger's Airbag**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

1. Place the new passenger's airbag (A) into the dashboard. Tighten the passenger's airbag mounting nuts (B).



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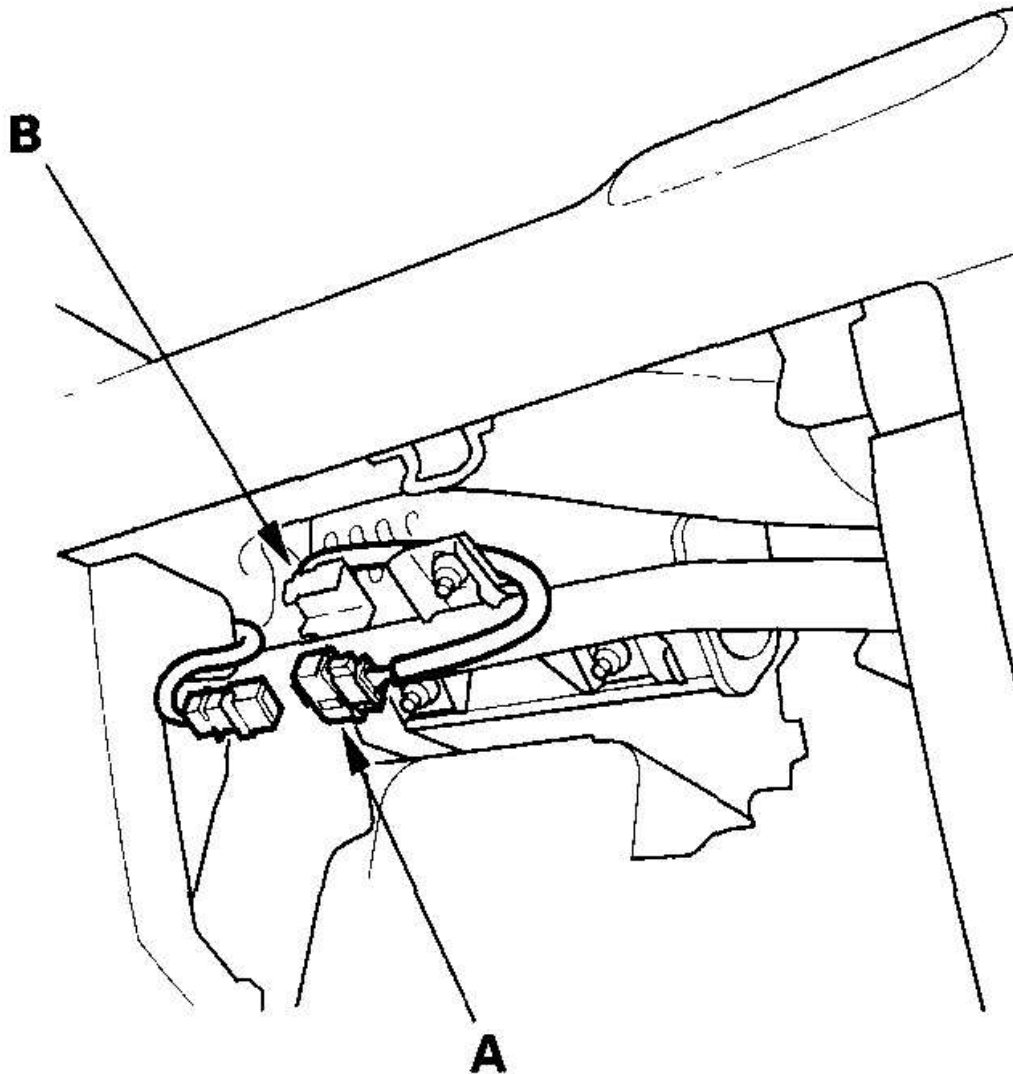
**Fig. 130: Installing Passenger's Airbag Into Dashboard And Torque Specifications**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

2. Connect the passenger's airbag 2P connector (A) to the floor wire harness.



Attach the passenger's airbag connector to the connector holder (B), then reinstall the glove box (see **GLOVE BOX REMOVAL/INSTALLATION** ).



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**Fig. 131: Connecting Passenger'S Airbag 2P Connector To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**



3. Reconnect the battery negative cable. If the IMA battery level gauge (BAT) displays no segments; remove the No. 15 EPS (40 A) fuse from the under-hood fuse/relay box, then start the engine, and hold it between 3,500 RPM and 4,000 RPM without load (in park or neutral) until the BAT displays at least three segments. Reinstall the No. 15 EPS (40 A) fuse.
4. After installing the airbag, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.

## **AIRBAG DISPOSAL**

### **Special Tools Required**

Deployment tool 07HAZ-SG00500

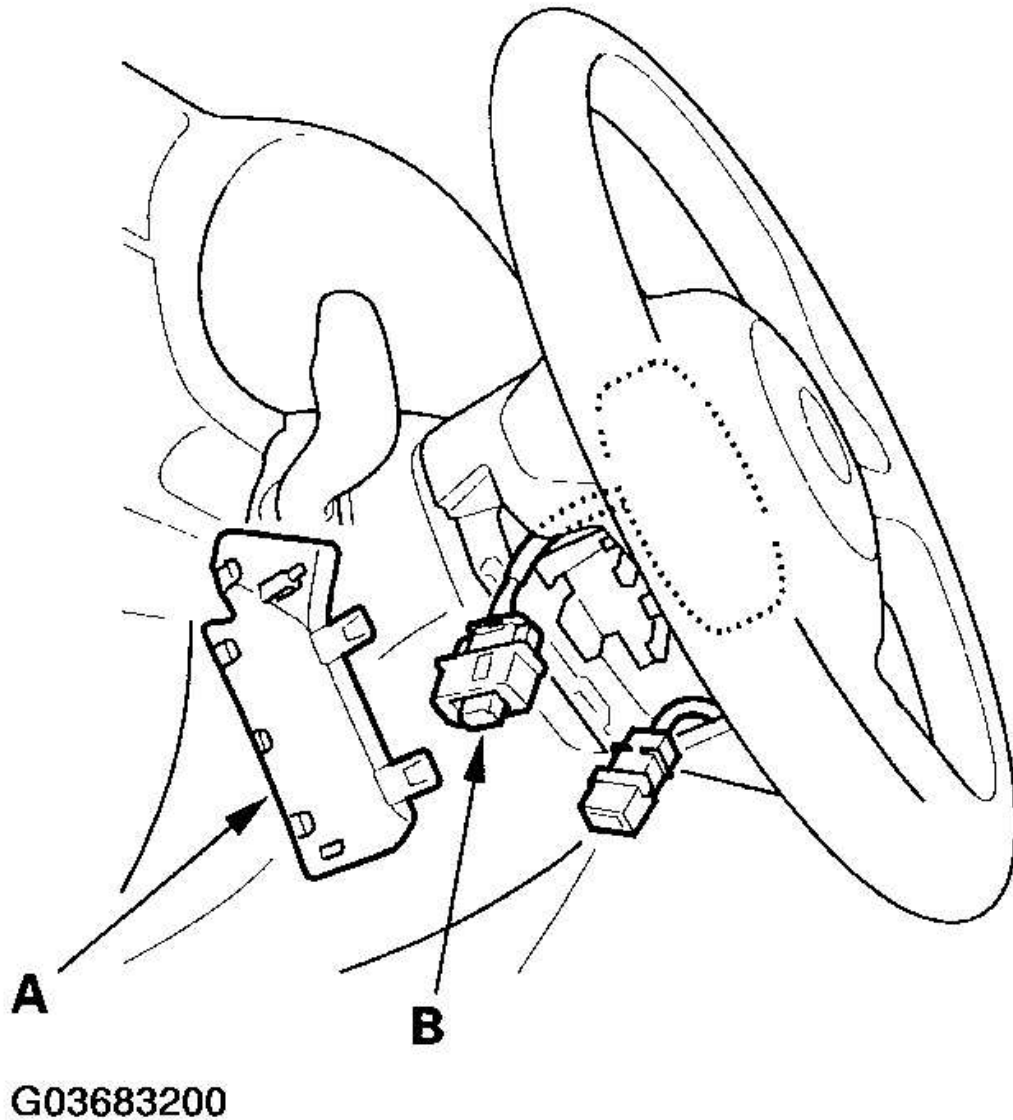
Before scrapping any airbags (including those in a whole vehicle to be scrapped), the airbags must be deployed. If the vehicle is still within the warranty period, the Honda District Service Manager must give approval and/or special instructions before you deploy the airbags (and seat belt tensioners). Only after the airbags (and seat belt tensioners) have been deployed (as the result of vehicle collision, for example), can they be scrapped. If the airbags (and seat belt tensioners) 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 (and seat belt tensioners) should be deployed while still in the vehicle. The airbags (and seat belt tensioners) should not be considered as salvageable parts and should never be installed in another vehicle.

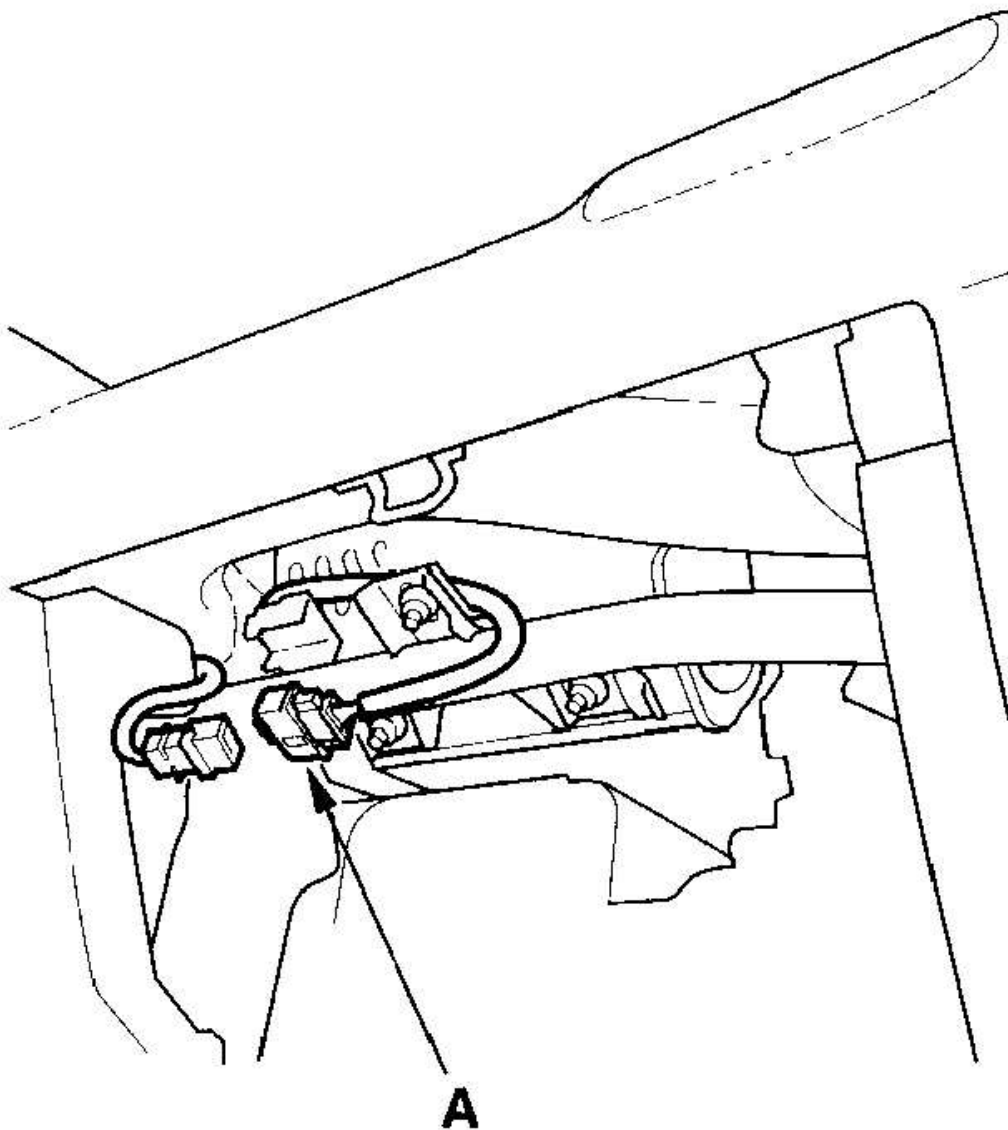
1. Turn the ignition switch OFF, disconnect the battery negative cable, and wait at least 3 minutes.
2. Confirm that each airbag and each seat belt tensioner is securely mounted.
3. Confirm that the special tool is functioning properly by following the check procedure on the tool label.

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



**Fig. 132: Removing Access Panel And Driver's Airbag 2P Connector**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

5. Remove the glove box (see **GLOVE BOX REMOVAL/INSTALLATION** ), then disconnect the passenger's airbag 2P connector (A) from the floor wire harness.



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**Fig. 133: Disconnecting Passenger's Airbag 2P Connector From Floor**

<b>2006 Honda Insight</b>
2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight

## **Wire Harness**

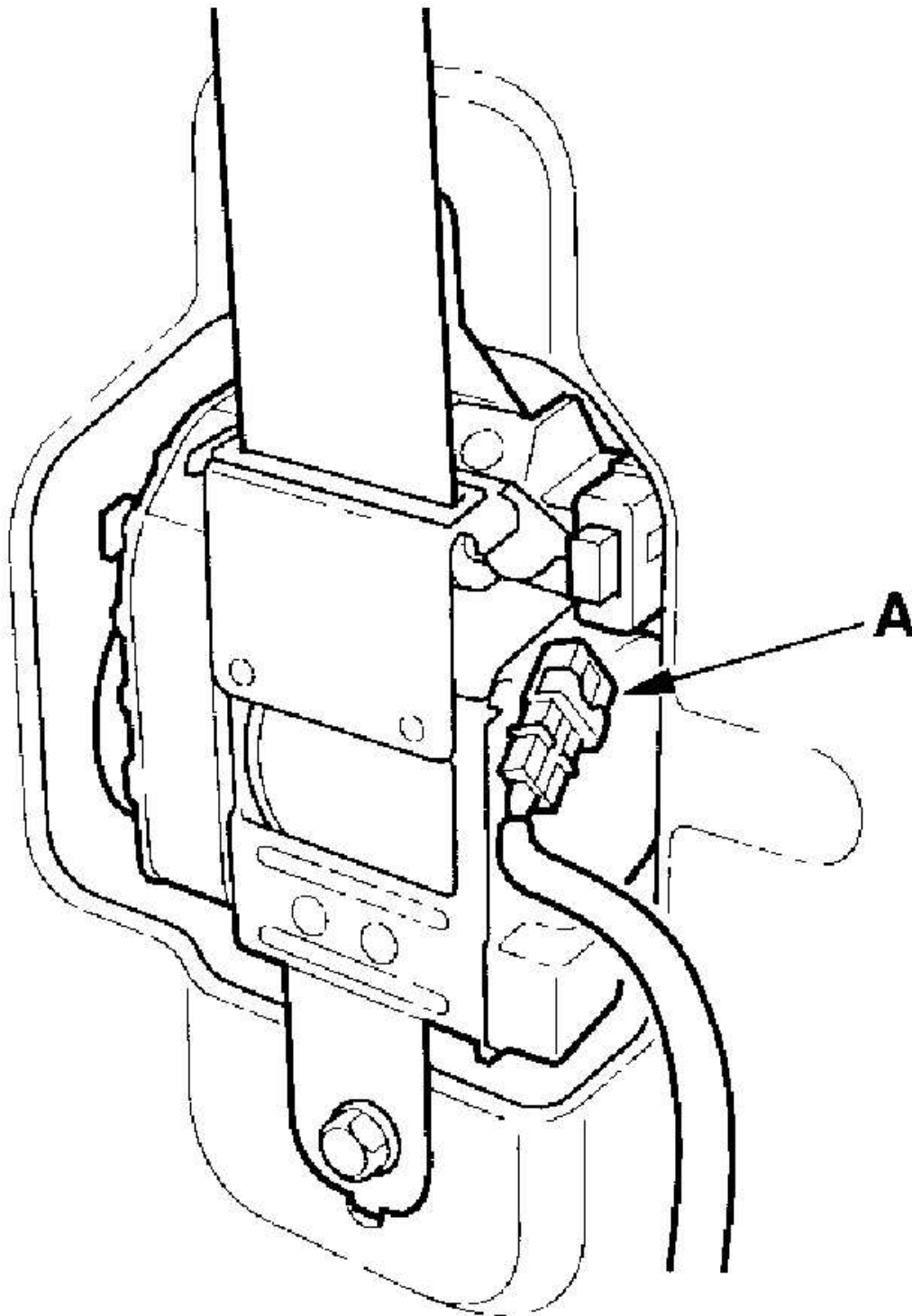
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

### **Seat Belt Tensioner**

6. Remove the B-pillar lower trim panel assembly (see **TRIM REMOVAL/INSTALLATION - DOOR AREAS** ), then disconnect the floor wire harness 2P connector (A) from the seat belt tensioner.

**2006 Honda Insight**

2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight



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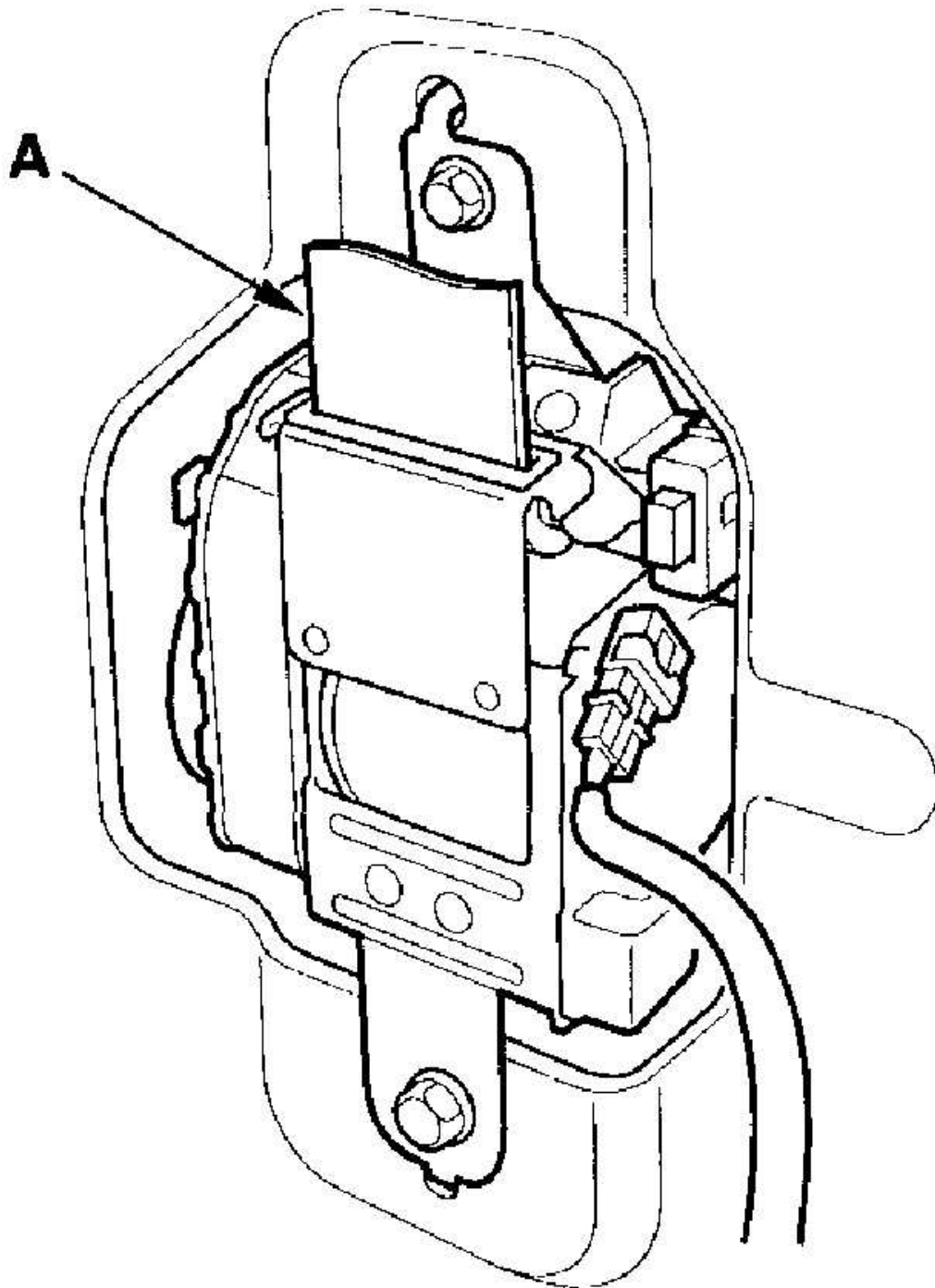
**Fig. 134: Disconnecting Floor Wire Harness 2P Connector From Seat Belt Tensioner**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

7. Pull the seat belt (A) out all the way and cut it.

**2006 Honda Insight**

2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight



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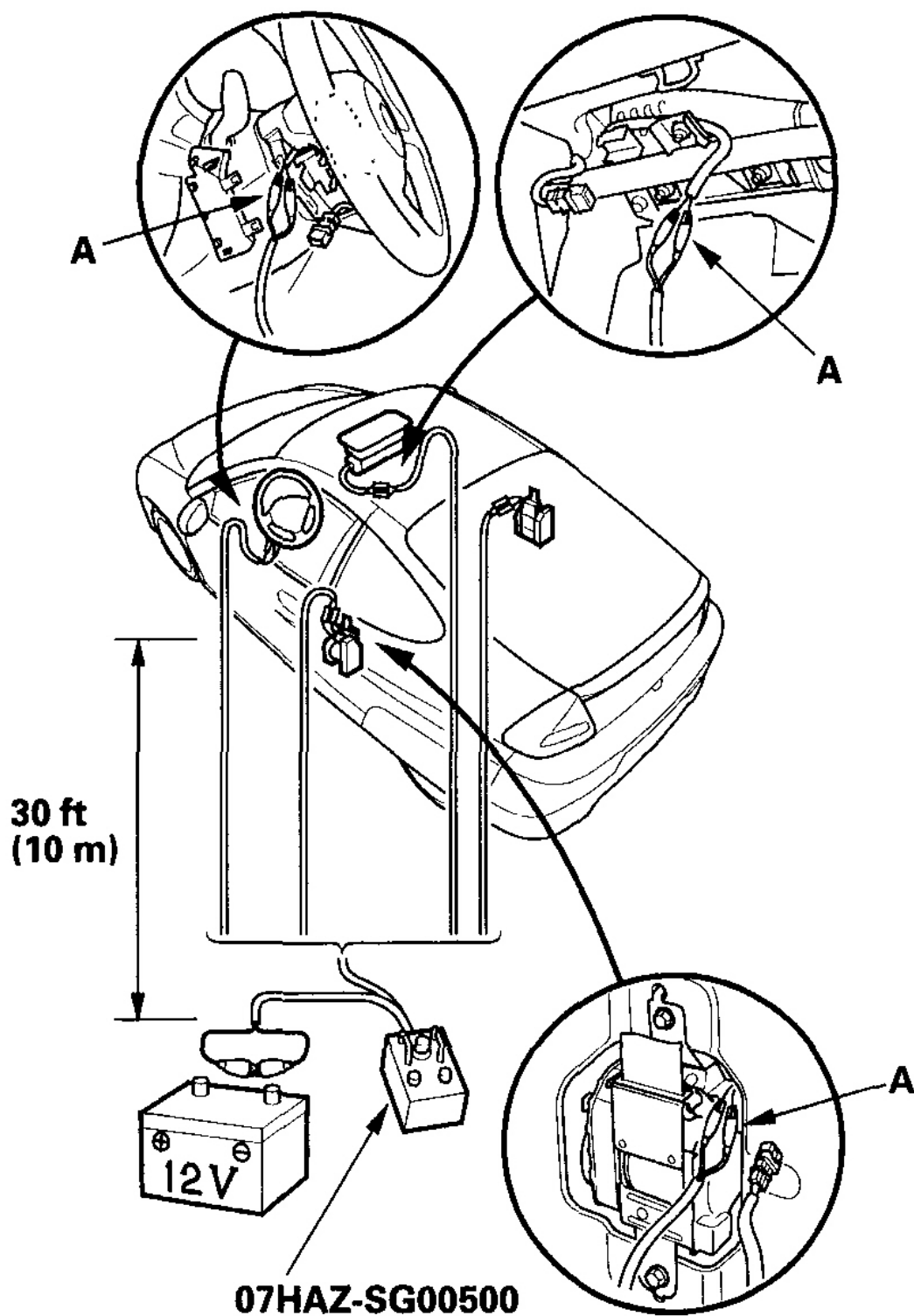
**Fig. 135: Identifying Seat Belt For Cutting**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

8. Cut off the airbag or seat belt tensioner connectors, strip the ends of the airbag wires and seat belt tensioner wires and connect the deployment tool alligator clips (A) to the airbags and seat belt tensioners. Place the deployment tool at least 30 feet (10 meters) away from the vehicle.



## 2006 Honda Insight

2000-06 RESTRAINTS SRS (Supplemental Restraint System) - Insight



**Fig. 136: Connecting Deployment Tool Alligator Clips To Airbags And Seat Belt Tensioners**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

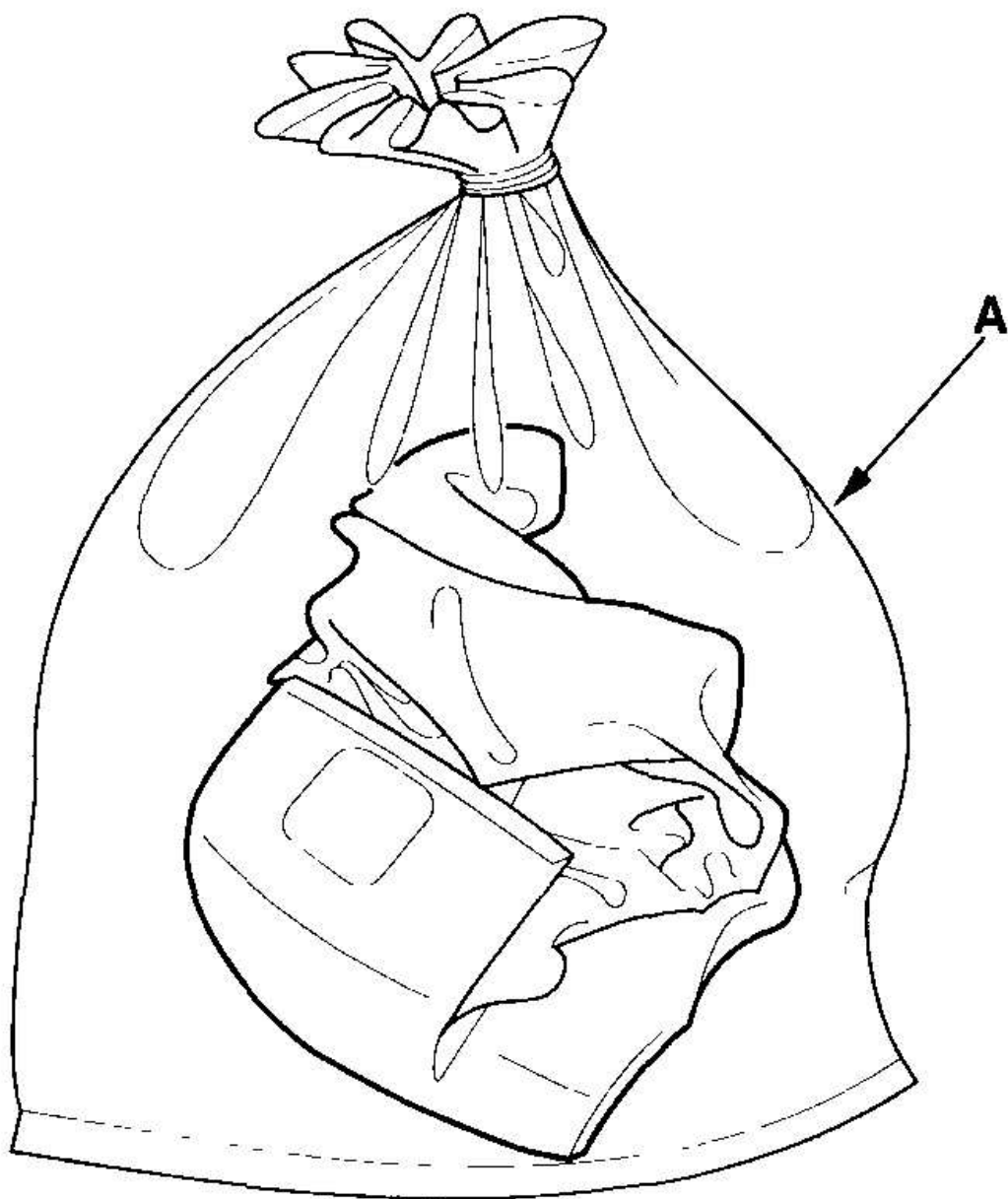
9. Connect a 12 volt battery to the tool.

- If the green light on the tool comes on, the igniter circuit is defective and cannot deploy the airbag or seat belt tensioner. Go to **DISPOSAL OF DAMAGED COMPONENTS** .
- If the red light on the tool comes on, the airbag or seat belt tensioner is ready to be deployed.

10. 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 airbags deploy and the green light on the tool comes on, continue with this procedure.
- If an airbag does not deploy, yet the green light comes ON, its igniter is defective. Go to **DISPOSAL OF DAMAGED COMPONENTS** .
- During deployment the airbag can become hot enough to burn you. Wait 30 minutes after deployment before touching the airbag.

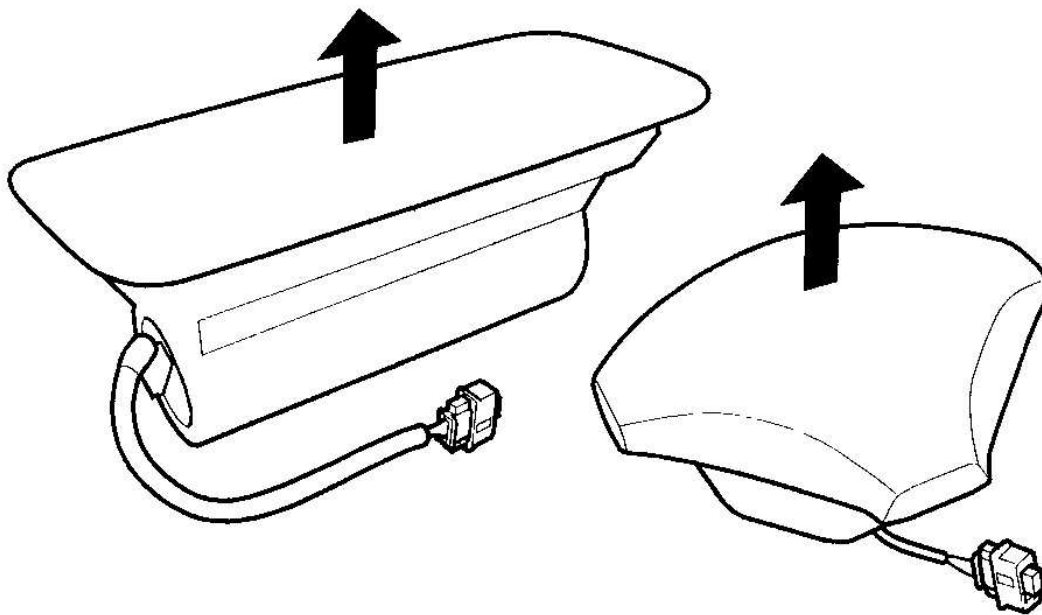
11. Dispose of the complete airbag. No part of it can be reused. Place it in a sturdy plastic bag (A) and seal it securely. Dispose of the deployed airbag according to your local regulations.



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**Fig. 137: Placing Airbag Into Sturdy Plastic Bag**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

If an intact airbag or seat belt 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:



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**Fig. 138: Identifying Deploy Of Airbag**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

1. Confirm that the deployment tool is functioning properly by following the check procedure on this page or on the tool label.
2. Position the airbag face up, outdoors on flat ground at least 30 feet (10 meters) from any obstacles or people.
3. Follow steps 8 through 11 of Deploying Airbag in Vehicle.

#### **DISPOSAL OF DAMAGED COMPONENTS**

1. If installed in the vehicle, follow the removal procedure for the driver's airbag (see **DRIVER'S AIRBAG REPLACEMENT** ), passenger's airbag (see **PASSENGER'S AIRBAG REPLACEMENT** ), and seat belt tensioner (see **SEAT BELT REPLACEMENT** ).

2. In all cases, make a short circuit by cutting, stripping, and twisting together the two airbag inflator wires and seat belt tensioner wires.
3. Package the airbag or seat belt tensioner in the same packaging that the new replacement part came in.
4. Mark the outside of the box "DAMAGED AIRBAG NOT DEPLOYED" or "DAMAGED SEAT BELT TENSIONER NOT DEPLOYED" so it does not get confused with your parts stock.
5. Contact your Honda District Parts and Service Manager for how and where to return it for disposal.

#### **DEPLOYMENT TOOL CHECK**

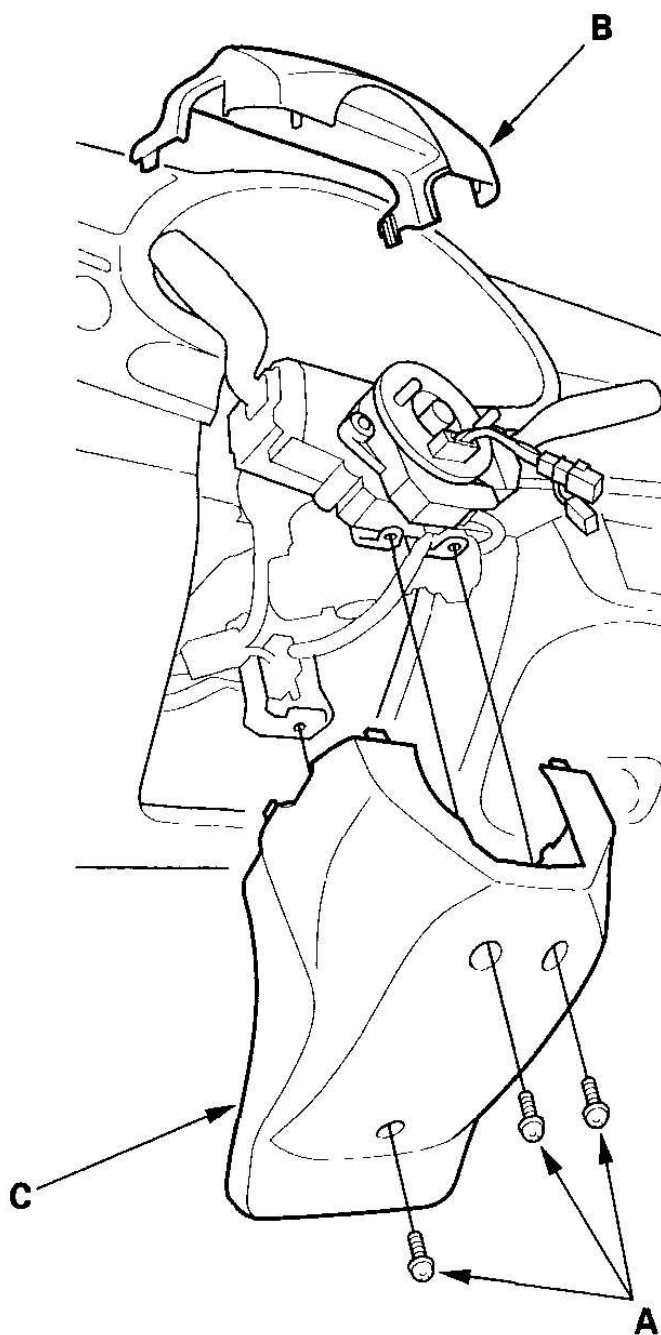
1. Connect the yellow clips to both switch protector handles on the tool; connect the tool to a battery.
2. Push the operation switch: green means the tool is OK; red means the tool is faulty.
3. Disconnect the yellow clips from the battery.

#### **CABLE REEL REPLACEMENT**

##### **REMOVAL**

**NOTE:** Before you disconnect the battery negative cable, make sure you have the anti-theft code for the audio, and then write the audio presets.

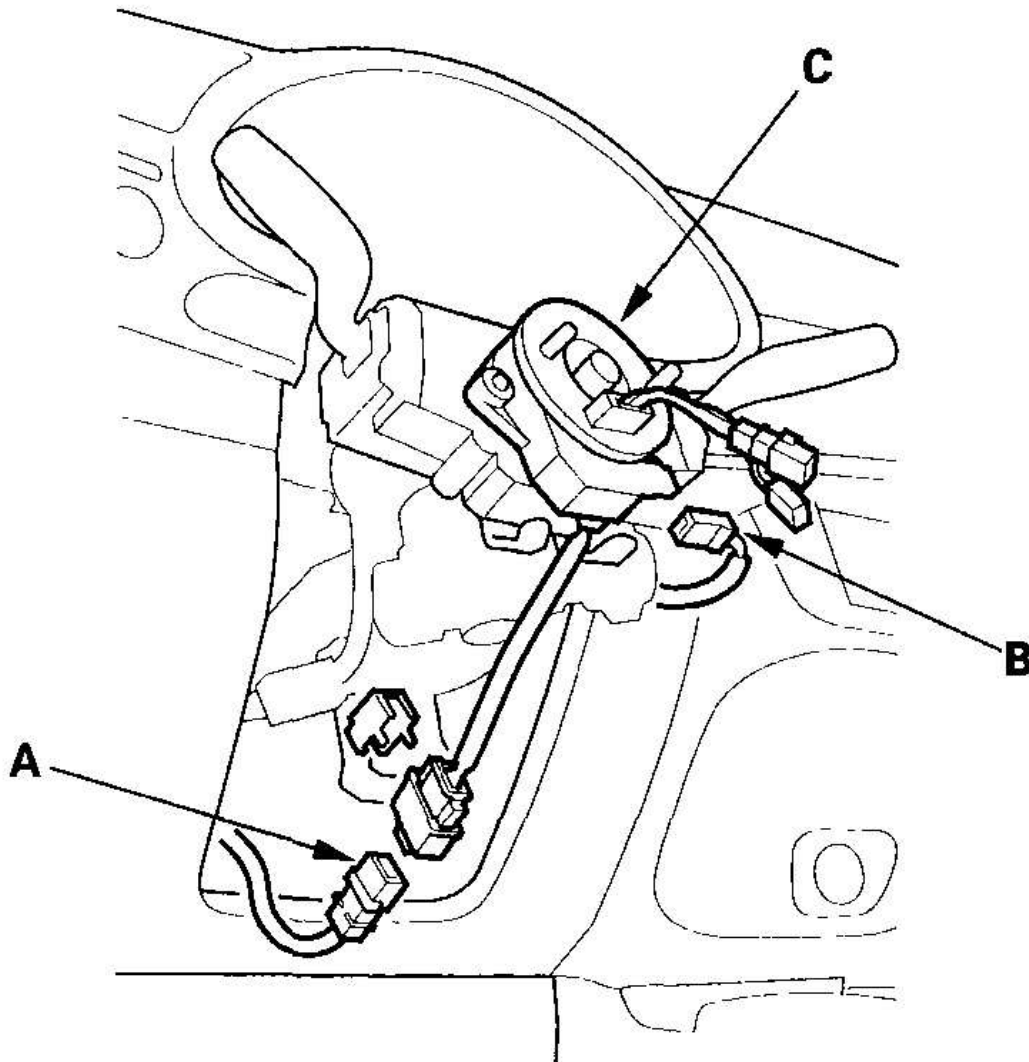
1. Make sure the wheels are aligned straight ahead.
2. Disconnect the battery negative cable, and wait at least 3 minutes.
3. Remove the driver's airbag (see **DRIVER'S AIRBAG REPLACEMENT** ).
4. Remove the steering wheel (see **STEERING WHEEL REMOVAL** ).
5. Remove the column cover screws (A), then remove the column covers (B, C).



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**Fig. 139: Removing Column Cover Screws And Column Covers**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

6. Disconnect the floor wire harness 2P connector (A) from the cable reel, then disconnect the dashboard wire harness A 4P connector (B) from the cable reel (C).

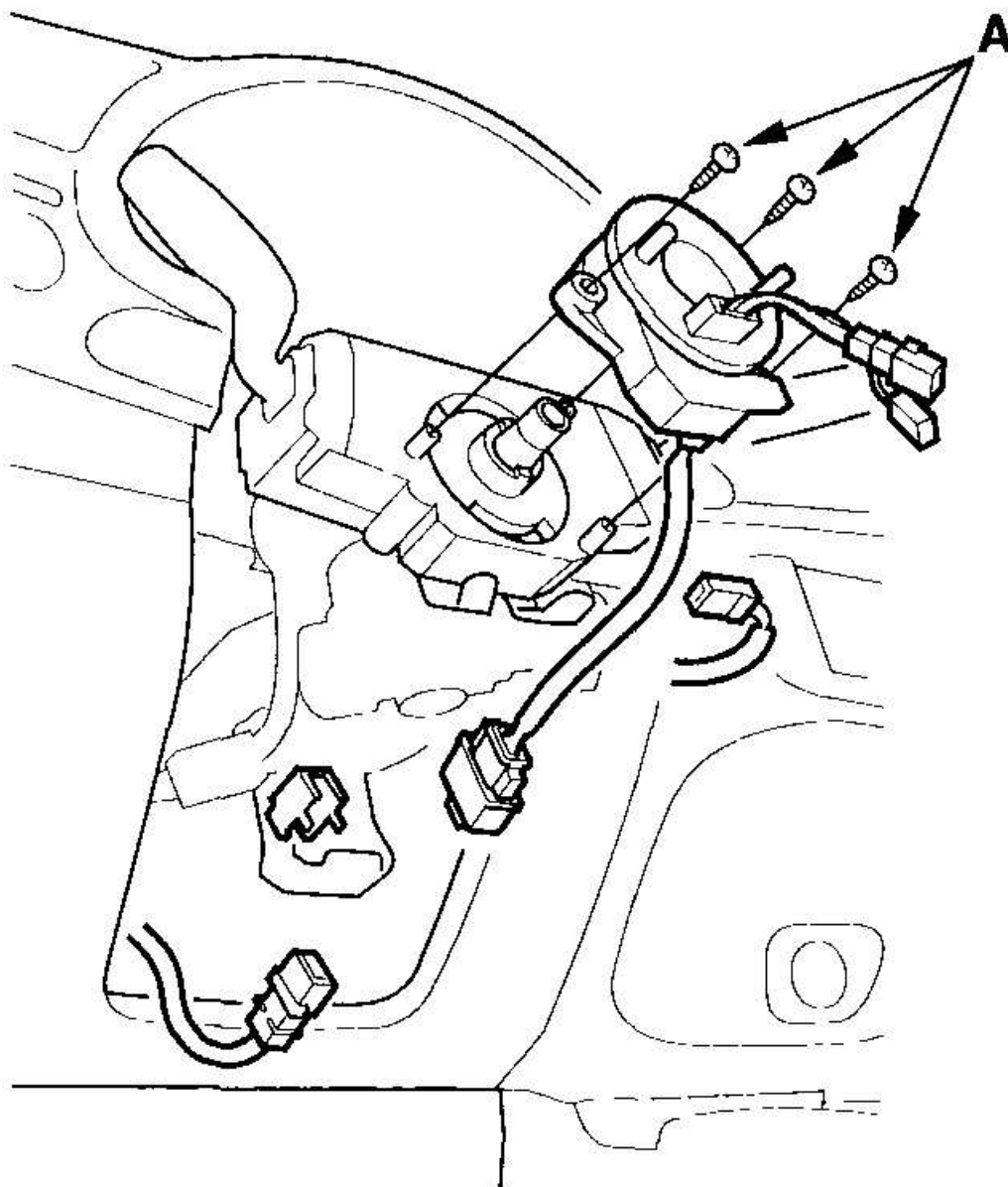


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**Fig. 140: Disconnecting Dashboard Wire Harness A 4P Connector From Cable Reel**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.



7. Remove the screws (A) from the cable reel, then remove the cable reel from the column.



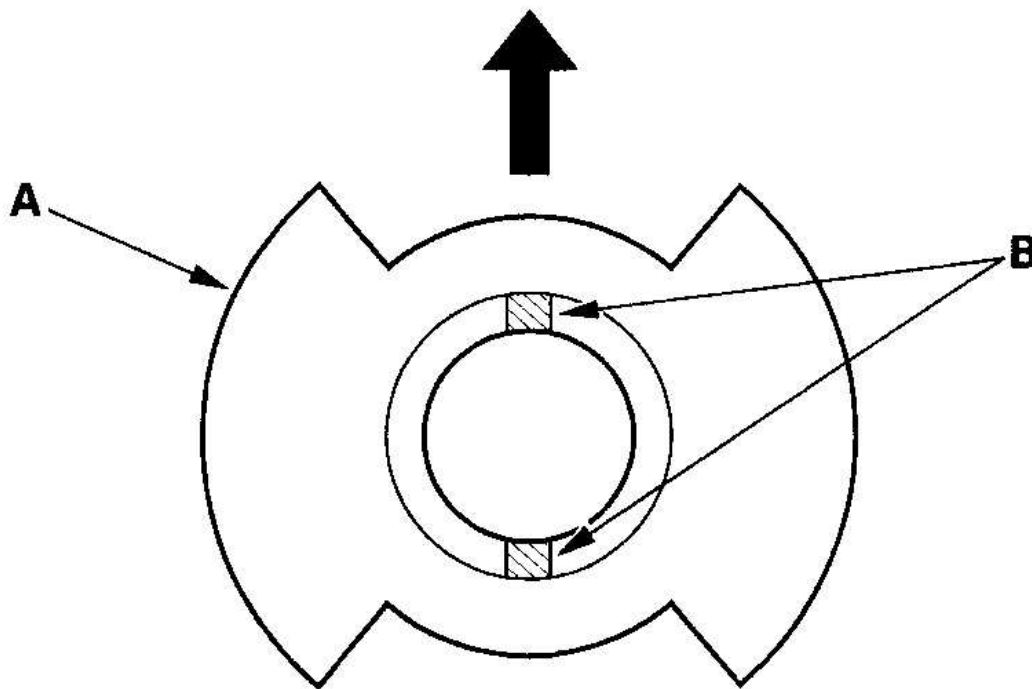
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**Fig. 141: Removing Cable Reel From Column**



**Courtesy of AMERICAN HONDA MOTOR CO., INC.****INSTALLATION**

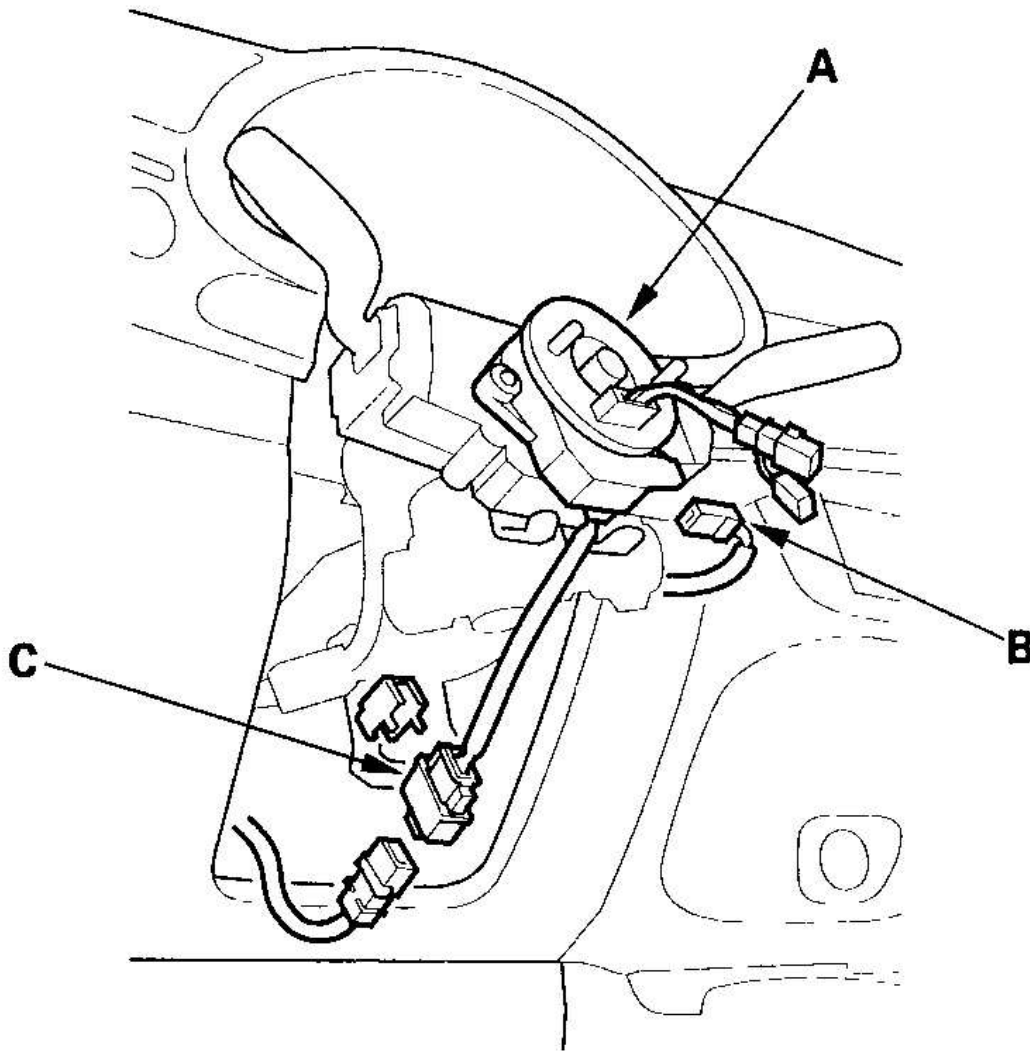
1. Before installing the steering wheel, align the front wheels straight ahead.
2. Disconnect the battery negative cable, and wait at least 3 minutes.
3. Set the turn signal canceling sleeve (A) so that the projections (B) are aligned vertically.



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**Fig. 142: Aligning Projection Of Turn Signal Canceling Sleeve**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

4. Carefully install the cable reel (A) on the steering column shaft. Then connect the 4P connector (B) to the cable reel, and connect the 2P connector (C) to the floor wire harness.



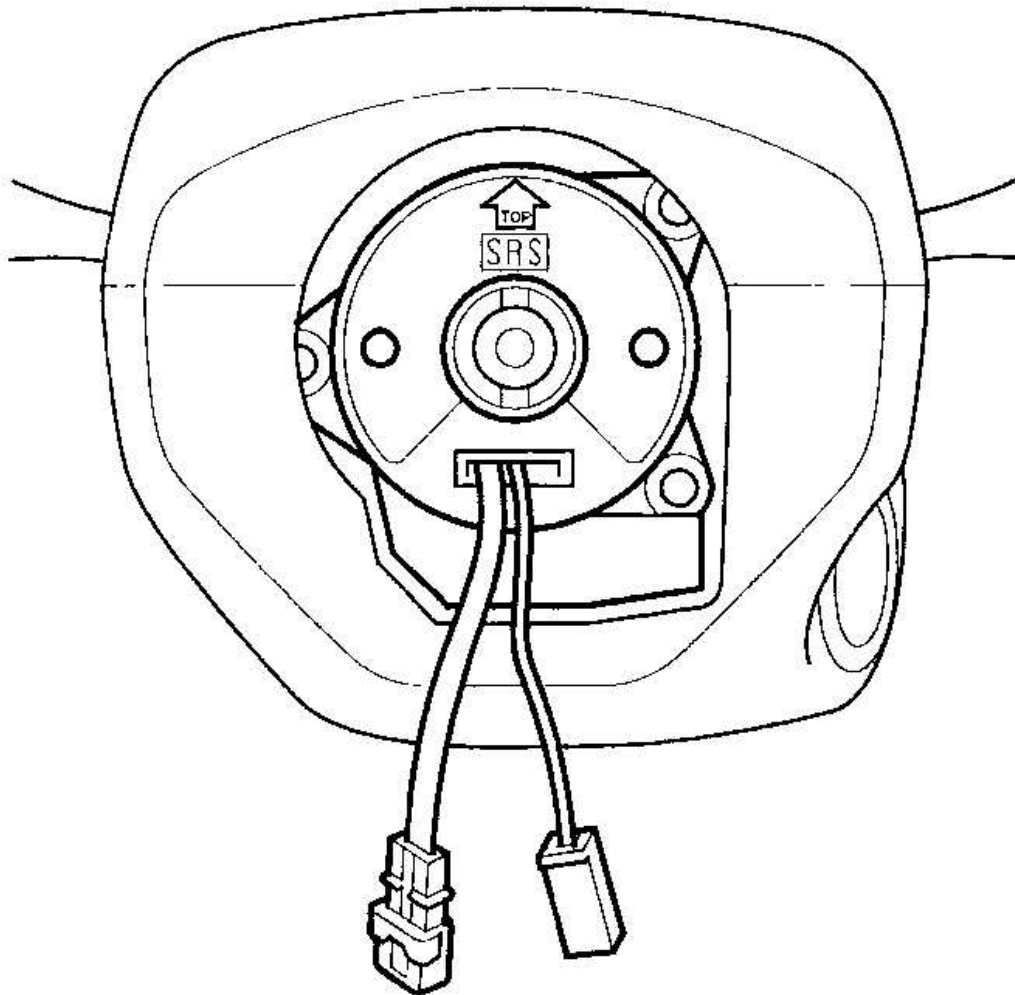
G03683211

**Fig. 143: Connecting 4P Connector To Cable Reel And 2P Connector To Floor Wire Harness**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

5. Install the steering column covers.
6. If necessary, center the cable reel (New replacement cable reels come centered). Do this by first rotating the cable reel clockwise until it stops. Then rotate it counterclockwise (about 2 1/2 turns) until the arrow mark on the cable

reel label points straight up.



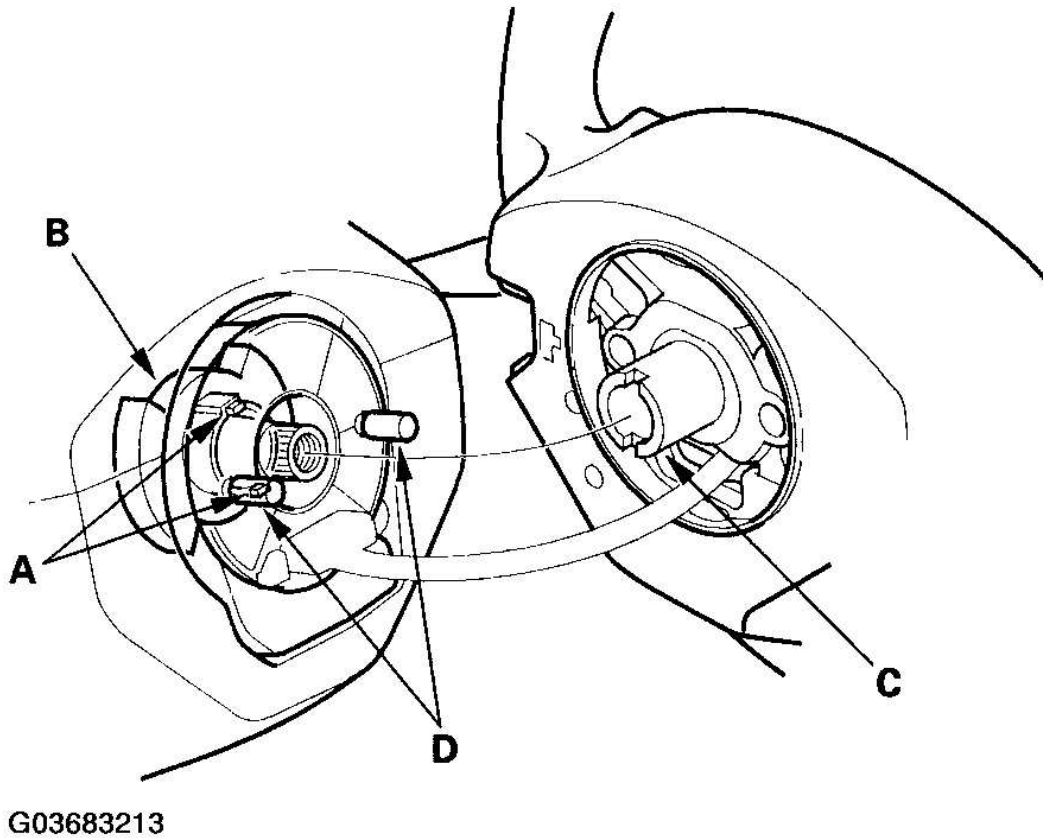
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**Fig. 144: Installing Cable Reel**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

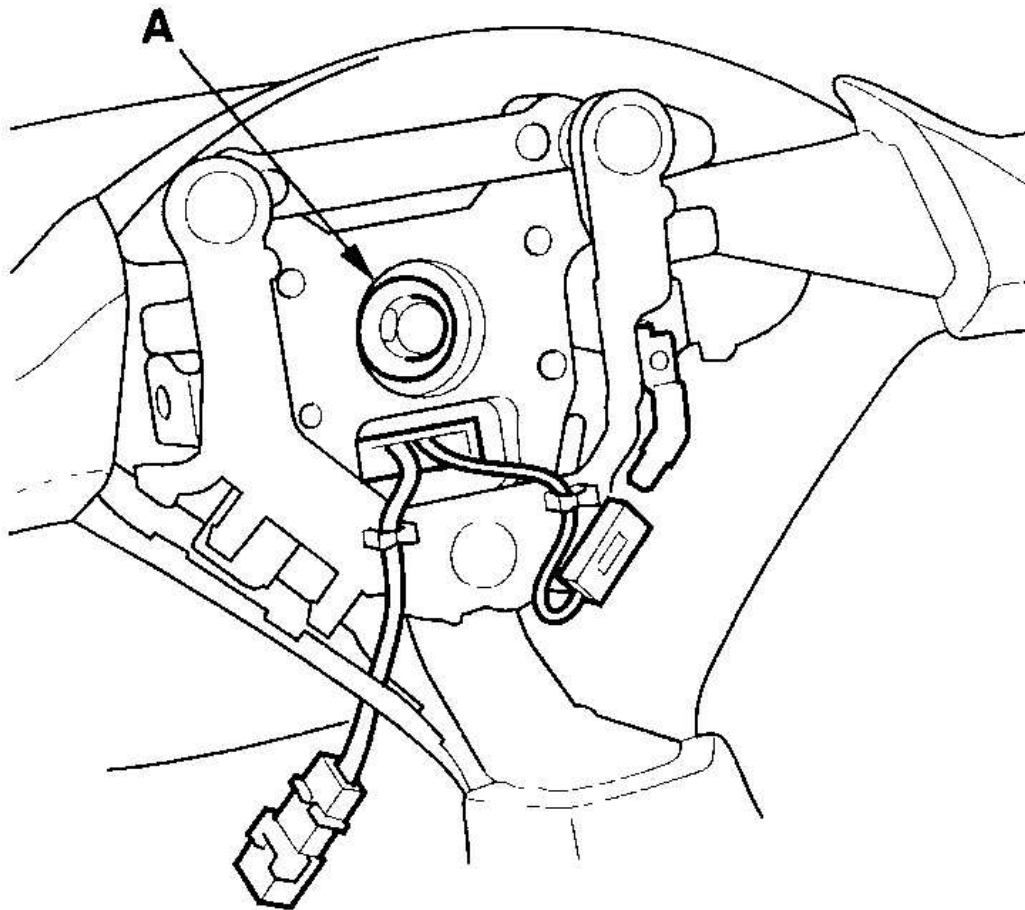
7. Position the two tabs (A) of the turn signal canceling sleeve (B) as shown, and install the steering wheel on to the steering column shaft, making sure the steering wheel hub (C) engages the pins (D) of the cable reel and tabs of the turn signal canceling sleeve. Do not tap on the steering wheel or steering

column shaft when installing the steering wheel.



**Fig. 145: Installing Steering Wheel Onto Steering Column Shaft**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

8. Install the steering wheel bolt (A), and tighten it to 38 N.m (3.9 kgf.m, 28 lbf.ft).



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**Fig. 146: Tightening Steering Wheel Bolt**  
**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

9. Install the driver's airbag (see **INSTALLATION** ).
10. After installing the cable reel, confirm proper system operation:
  - Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.
  - After the SRS indicator has turned off, turn the steering wheel fully left and right to confirm the indicator does not come on.
  - Make sure the horn works.

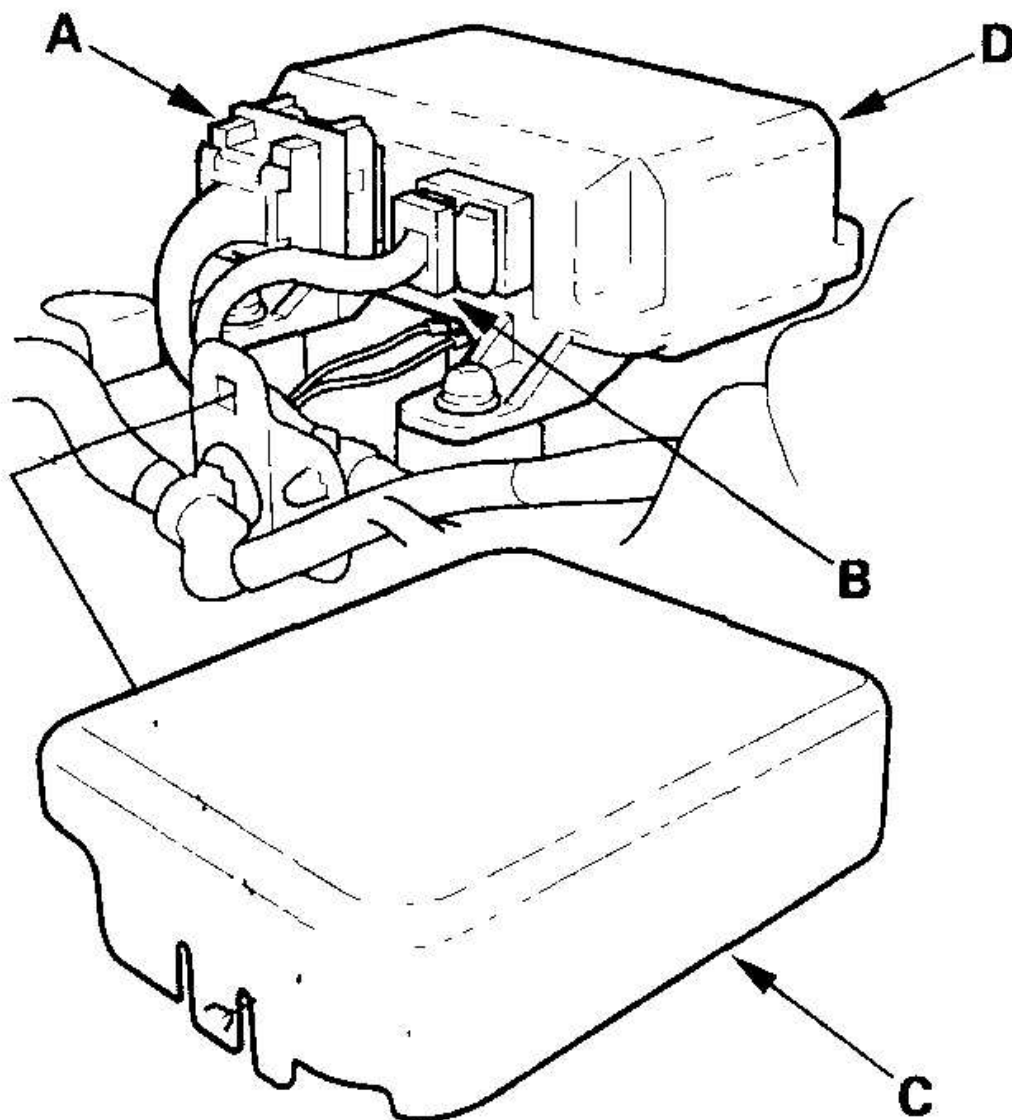
- Make sure the CVT mode switch works.

## SRS UNIT REPLACEMENT

### REMOVAL

**NOTE:** Before you disconnect the battery negative cable, make sure you have the anti-theft code for the radio, and then write the audio presets.

1. Disconnect the battery negative cable, and wait at least 3 minutes before beginning work.
2. Disconnect the airbag connectors and seat belt tensioner connectors (see **DRIVER'S AIRBAG** ).
3. Remove the front console (see **FRONT CONSOLE REMOVAL/INSTALLATION** ).
4. Remove the cover (C), then disconnect the floor wire harness 18P (A) and 8P (B) connectors from the SRS unit (D).



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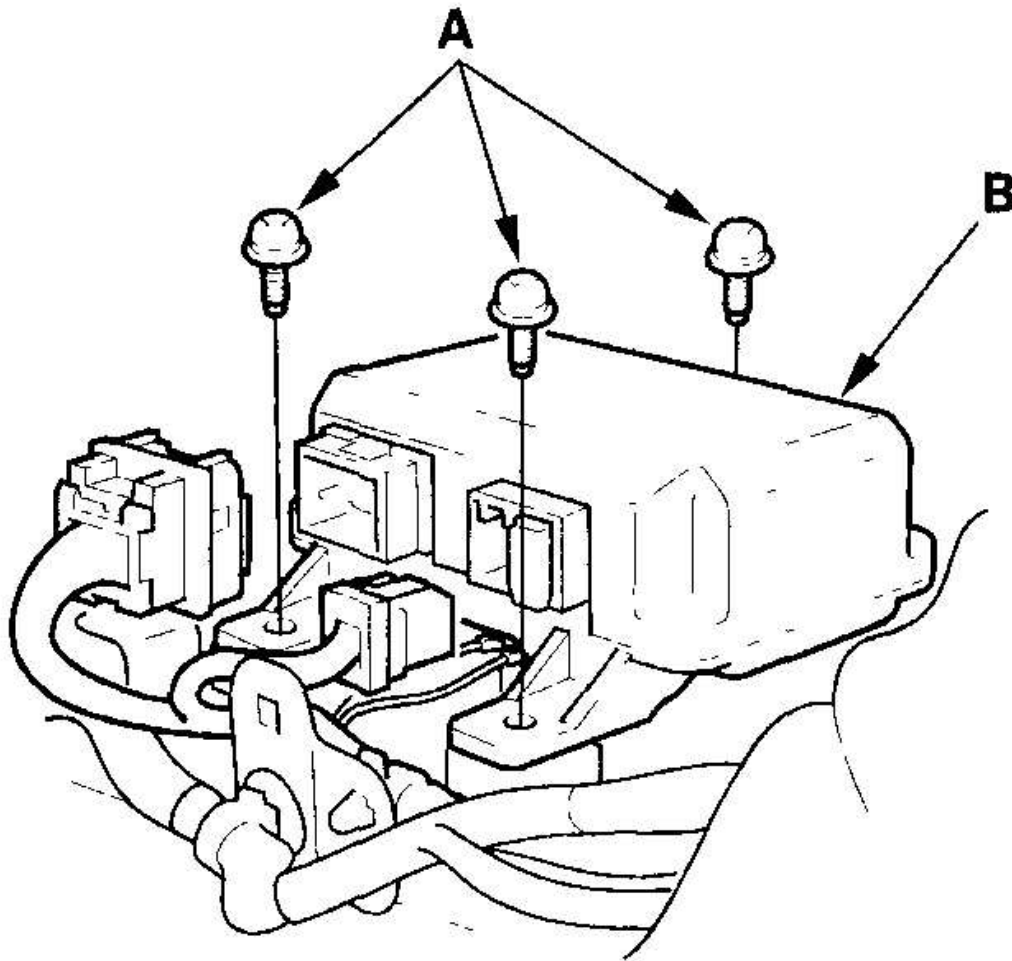
**Fig. 147: Disconnecting Floor Wire Harness 18P And 8P Connectors From SRS Unit**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

5. Remove the three Torx bolts (A) from the SRS unit (B), then pull out the SRS



unit.



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**Fig. 148: Removing SRS Unit**

**Courtesy of AMERICAN HONDA MOTOR CO., INC.**

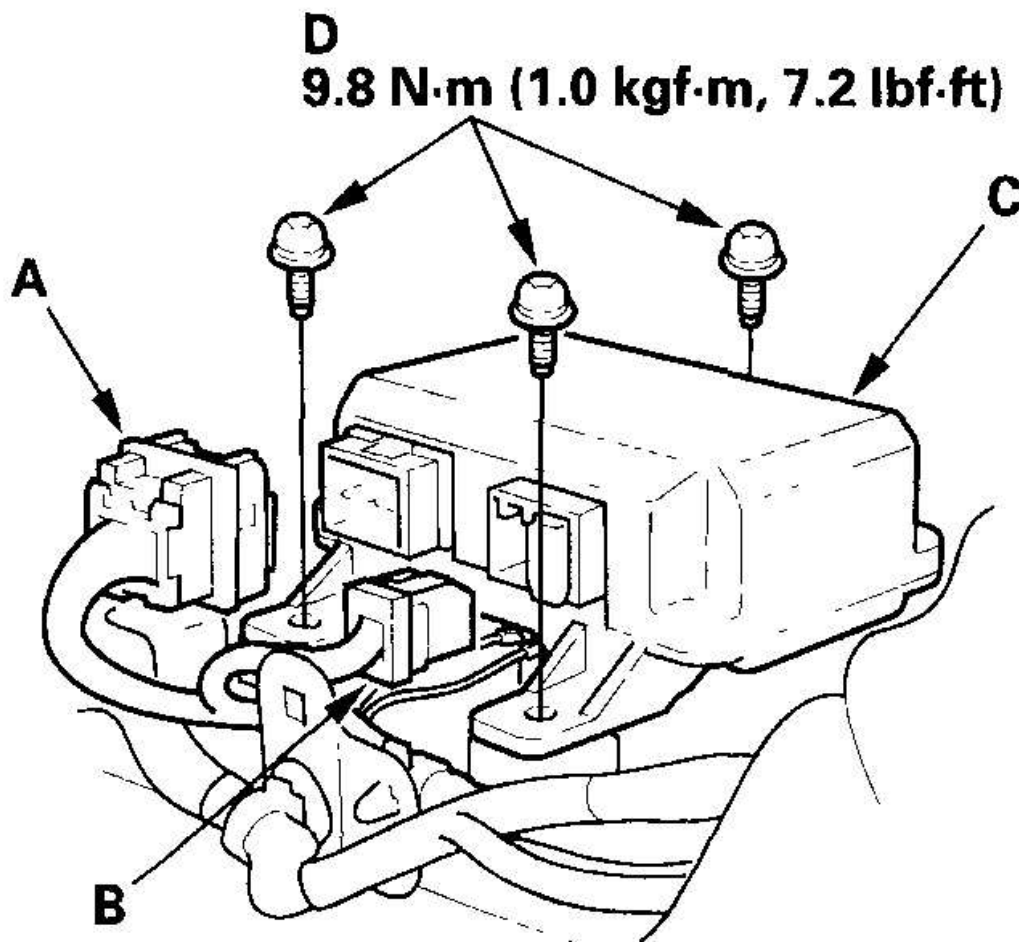
#### INSTALLATION

1. Install the new SRS unit (C) with Torx bolts (D), then connect the floor wire harness 18P (A) and 8P (B) connectors to the SRS unit; push them into



position until they click.

**NOTE:** When tightening the Torx bolts to the specified torque after replacement, be careful to turn them in so that their heads rest squarely on the brackets.



**Fig. 149: Installing New SRS Unit And Torque Specifications**  
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2. Reinstall the front console (see **FRONT CONSOLE**

**REMOVAL/INSTALLATION ).**

3. Reconnect the airbag connectors and seat belt tensioner connectors (see **DRIVER'S AIRBAG** ).
4. Reconnect the battery negative cable. If the IMA battery level gauge (BAT) displays no segments; remove the No. 15 EPS (40 A) fuse from the under-hood fuse/relay box, then start the engine, and hold it between 3,500 RPM and 4,000 RPM without load (in park or neutral) until the BAT displays at least three segments. Reinstall the No. 15 EPS (40 A) fuse.
5. After installing the SRS unit, confirm proper system operation: Turn the ignition switch ON (II); the SRS indicator should come on for about 6 seconds and then go off.