

SRS Component Replacement/Inspection After Deployment

Inspection

How to use this manual.

1. Component Replacement/Inspection After Deployment - Inspect

■ Procedure

NOTE:

- Before doing any SRS repairs after a collision, check the deployed history and check for DTCs with the HDS to determine the components that need replacement.
- Do not repair damaged SRS wiring, connectors or terminals. Replace the affected wiring harness(es).
- When replacing the front seat belt tensioner, check the front seat belt mounting portion for deformation. If any deformation is found, repair it as needed.

After a collision where the front seat belt tensioner(s) deployed, replace these items:

- SRS unit
- Front seat belt(s)
- Seat belt outer lap tensioner(s)
- Front impact sensor

After a collision where the seat belt outer lap tensioner deployed, replace these items:

- SRS unit
- Front seat belt(s)
- Seat belt outer lap tensioner(s)
- Front impact sensor(s)
- Rear left and right seat belts

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

- SRS unit
- Deployed front airbag(s)
- Front seat belt(s)
- Seat belt outer lap tensioner(s)
- Front impact sensor(s)
- Cable reel (deployed driver's airbag)
- Dashboard (deployed front passenger's airbag)
- Spring (deployed driver's airbag)
- Rear left and right seat belts

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

- SRS unit
- Deployed knee airbag(s)
- Front seat belt(s)
- Seat belt outer lap tensioner(s)
- Front impact sensor(s)
- Driver's dashboard lower cover (deployed driver's knee airbag)
- Glove box (deployed front passenger's knee airbag)
- Passenger's dashboard undercover (deployed front passenger's knee airbag)
- Rear left and right seat belts

After a collision where the side airbag deployed, replace the items for the side(s) that deployed:

- SRS unit
- Deployed side airbag(s)
- Front seat belt(s)
- Seat belt outer lap tensioner(s)

- Side impact sensor(s) (first)
- Side impact sensor(s) (second)
- B-pillar lower trim
- Seat frame and damaged seat components
- Rear Seat Side Bolster (deployed rear side airbag)
- Rear left and right seat belts

After a collision where the side curtain airbag deployed, replace the items for the side(s) that deployed:

- SRS unit
- Deployed side curtain airbag(s)
- Front seat belt(s)
- Seat belt outer lap tensioner(s)
- Rear seat belt(s)
- Side impact sensor(s) (first)
- Side impact sensor(s) (second)
- A-pillar trim
- B-pillar upper trim
- C-pillar trim upper trim
- All grab handles
- All related trim clips
- Sunvisor
- Headliner

After a moderate to severe side or rear collision, inspect for any damage on the side curtain airbag or other related components. Replace the pillar trims and related clips as needed.

During the repair process, inspect these areas:

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

After the vehicle is completely repaired, turn the vehicle to the ON mode. If the SRS indicator comes on for about 6 seconds and then goes off, the SRS is OK. If the indicator does not function properly, use the HDS to check for the DTCs. If you cannot retrieve a code, do the SRS Symptom Troubleshooting.

2. Headliner/Pillar Trim Overlap - Check

■ Procedure/Specifications

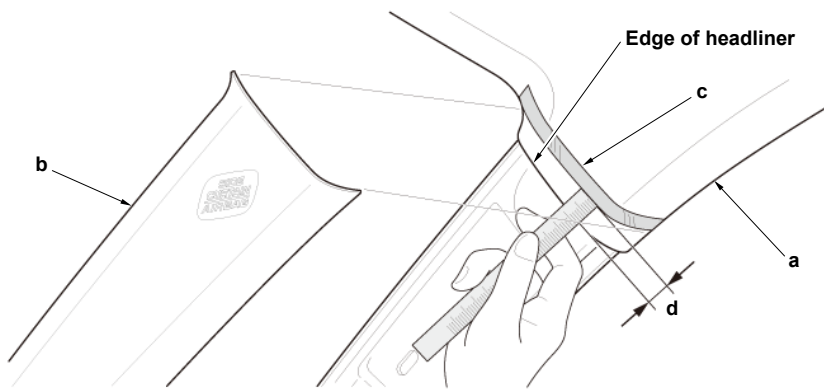
NOTE: You must check the headliner/pillar trim overlap anytime the pillar trim and or headliner is reinstalled.

To prevent the side curtain airbag from deploying improperly and damaging the pillar trim (A-pillar trim, B-pillar upper trim, and C-pillar trim), the overlap between the headliner and pillar trim must be the standard value. To check the overlap, do this:

1. Install the headliner (a) and the pillar trim (b).

Specifications (Headliner/Pillar Trim Overlap)

Standard Value	
d	8.0 +0/ - 3.0 mm (0.315 +0/ - 0.118 in)



The illustrations show the A-pillar trim.

2. Apply masking tape (c) to the headliner to mark the upper edge of the pillar trim.
3. Remove the pillar trim, and measure the headliner overlap.
 - If the overlap is the standard value, remove the tape, and install the pillar trim.
 - If the overlap is more than 8.0 mm (0.315 in), go to step 4.
4. Carefully trim the headliner with a utility knife, reducing the overlap to the standard value.
5. Remove the tape, and install the pillar trim.