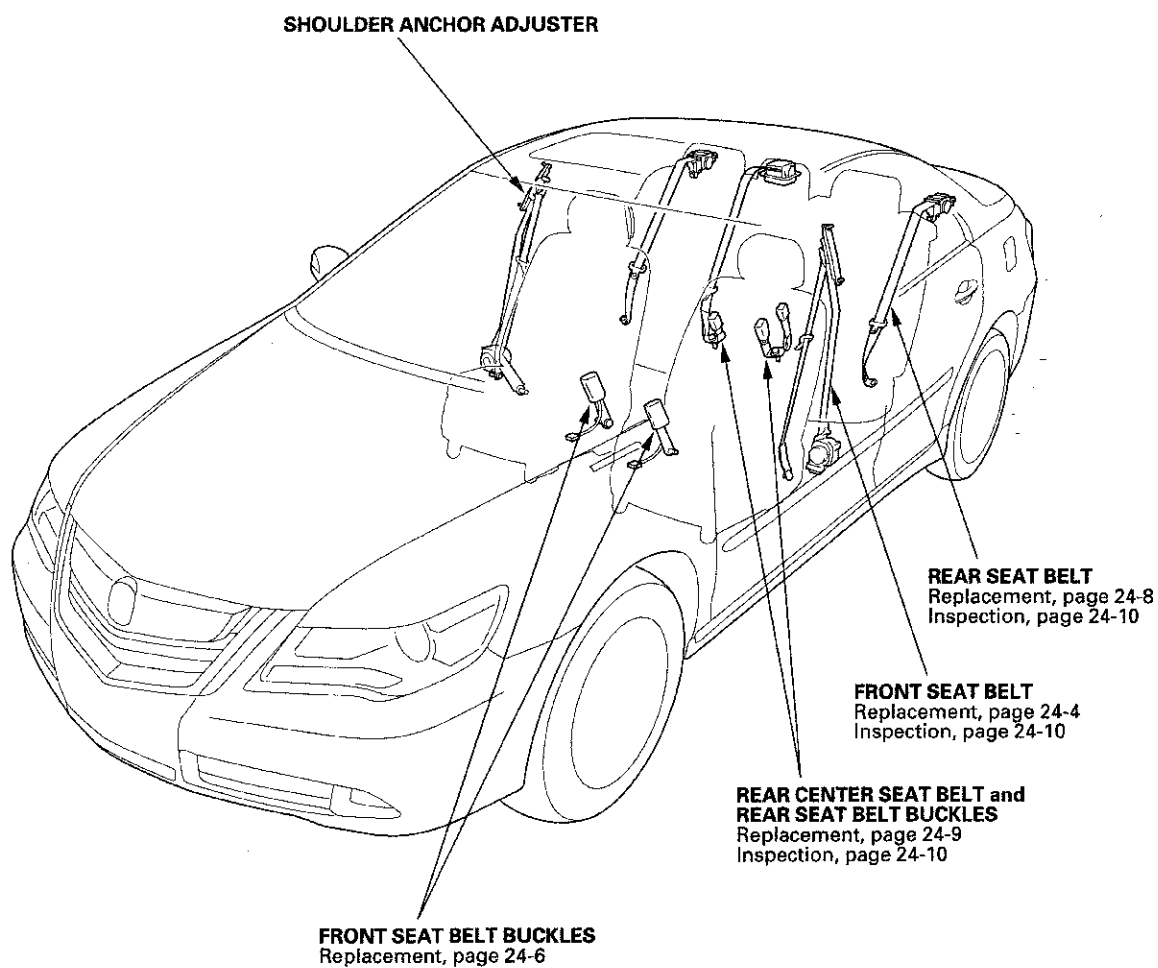


Seat Belts



Component Location Index



Seat Belts

Front Seat Belt Replacement

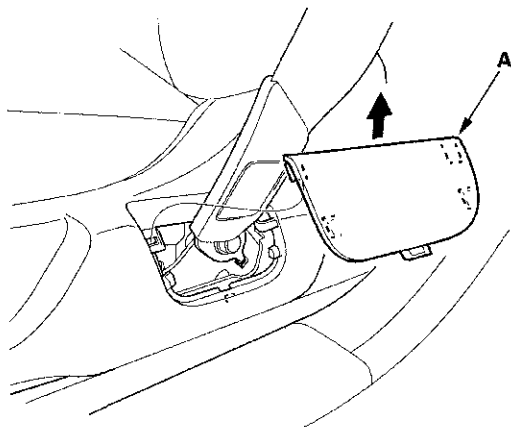
SRS components are located in this area. Review the SRS component locations (see page 24-12), and the precautions and procedures (see page 24-14) before doing repairs or service.

NOTE:

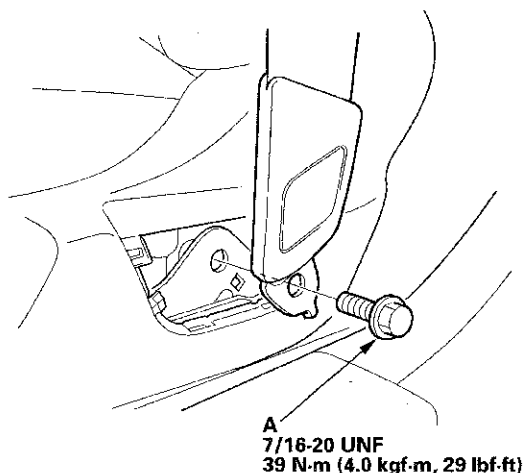
- Check the front seat belts for damage (see page 24-10), and replace them if necessary.
- If replacing the front seat belt after deployment, refer to Component Replacement/Inspection After Deployment (see page 24-194) for a complete list of other parts that must also be be replaced.

Front Seat Belt

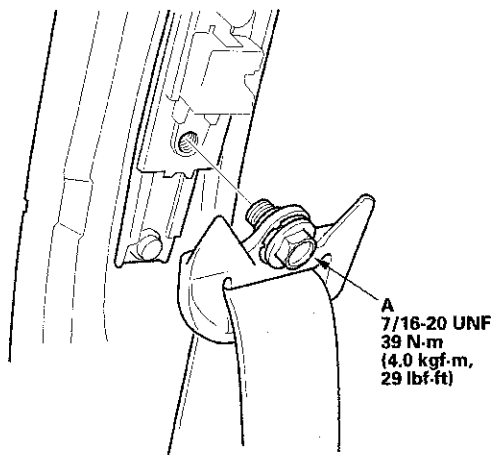
1. Slide the front seat forward fully, and remove the anchor cover (A).



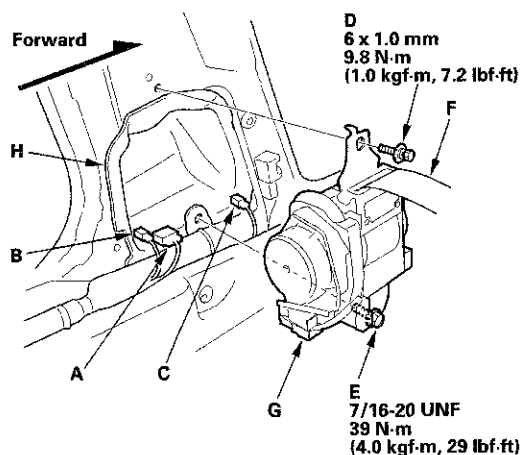
2. Remove the lower anchor bolt (A).



3. Do the battery terminal disconnection procedure (see page 22-91), and wait at least 3 minutes before beginning work.
4. Remove the B-pillar lower trim (see page 20-72).
5. Remove the B-pillar upper trim and slider (see page 20-74).
6. Remove the upper anchor bolt (A).



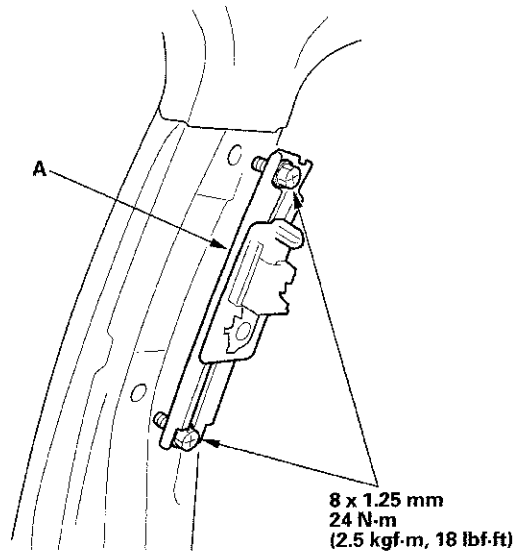
7. Disconnect the seat belt tensioner connector (A), seat belt tensioner reducer connector (B), and E-pretensioner motor connector (C) (some models). Remove the upper retractor mounting bolt (D) and the lower retractor bolt (E), then remove the front seat belt (F) and retractor (G).



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



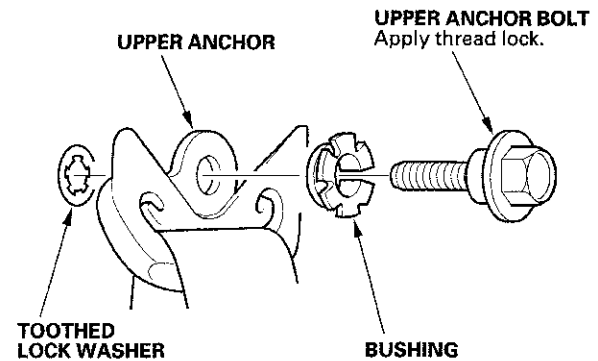
9. Remove the shoulder anchor adjuster (A).



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

- Apply liquid thread lock to the upper anchor bolt before reinstallation.
- Tighten the bolts by hand first, then tighten to specification with a torque wrench.
- Check that the retractor locking mechanism functions as described (see page 24-10).
- Assemble the washer and bushing on the upper anchor bolt as shown.
- If the seat belt tensioner has been deployed, replace the front seat belt protector with a new one.
- Before installing the anchor bolts, make sure there are no twists or kinks in the seat belt.
- Make sure the seat belt tensioner and tension reducer connectors are properly plugged in.
- Do the battery terminal reconnection procedure (see page 22-91).
- Check for any DTCs that may have been set during repair and clear them.

Upper anchor bolt installation



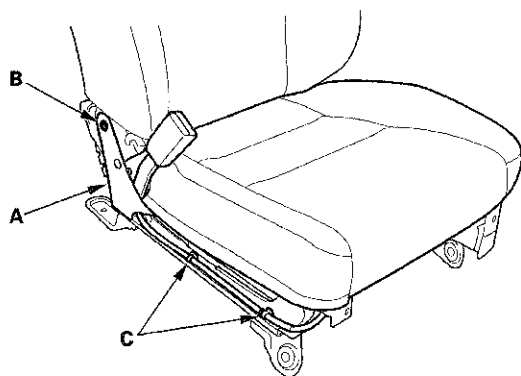
(cont'd)

Seat Belts

Front Seat Belt Replacement (cont'd)

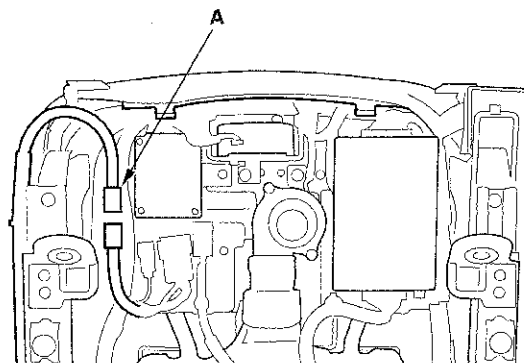
Seat Belt Buckle

1. Do the battery terminal disconnection procedure (see page 22-91), and wait at least 3 minutes before beginning work.
2. Remove the front seat (see page 20-114).
3. Remove the center cover (see page 20-133).
4. Detach the cloth (A) of the seat cushion cover from the connecting rod (B), then detach the harness clips (C).

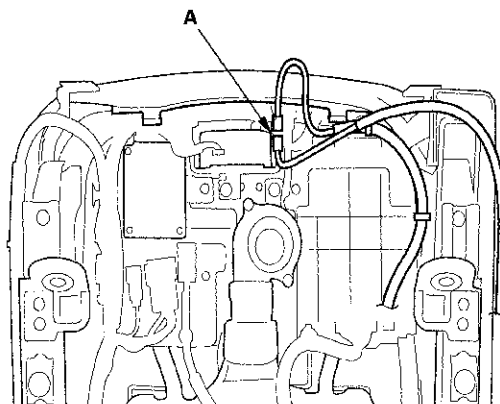


5. Disconnect the seat belt buckle switch connector (A).

Driver's seat

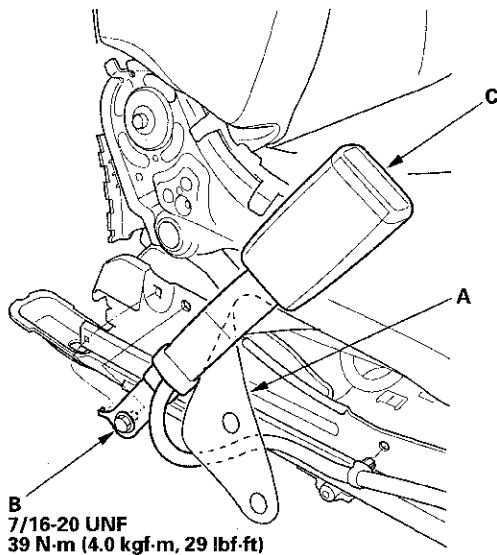


Passenger's seat





6. Remove the seat cushion cover (A).

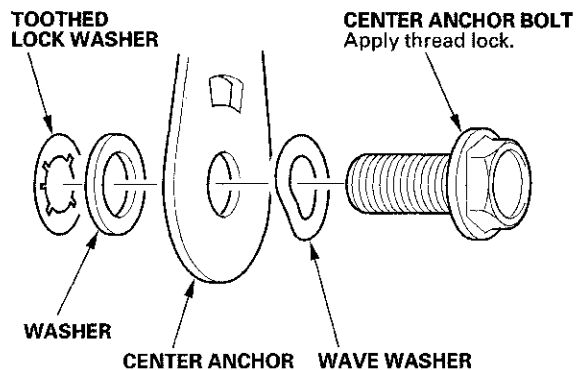


7. Remove the center anchor bolt (B), then remove the seat belt buckle (C).

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

- Assemble the washers on the center anchor bolt as shown.
- Apply liquid thread lock to the center anchor bolt before reinstallation.
- Tighten the bolts by hand first, then tighten to specification with a torque wrench.
- Make sure the seat belt buckle switch connector is plugged in properly.
- Do the battery terminal reconnection procedure (see page 22-91).
- Check for any DTCs that may have been set during repairs, and clear them.

Center anchor bolt installation



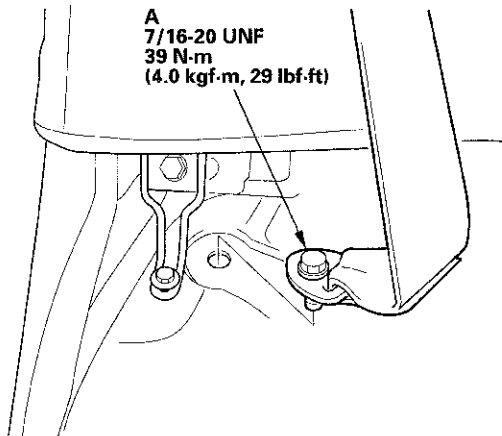
Seat Belts

Rear Seat Belt Replacement

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

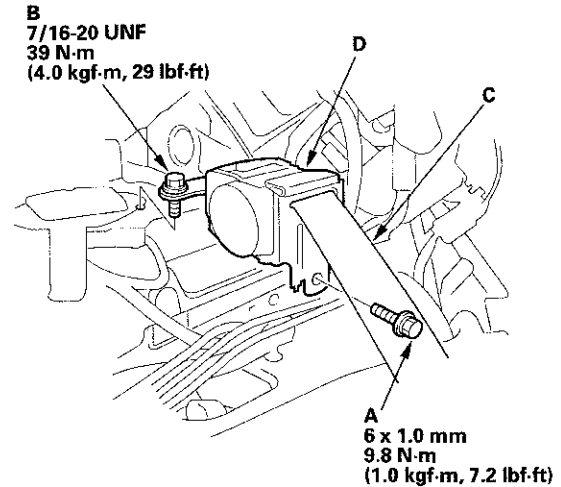
Rear Seat Belt

1. Remove the rear seat cushion (see page 20-140).
2. Remove the lower anchor bolt (A).



3. Remove the rear seat-back (see page 20-140).
4. Remove the C-pillar trim from both sides (see page 20-76).
5. Remove the rear shelf (see page 20-80).

6. Remove the retractor mounting ET screw (A) and the retractor bolt (B), then remove the rear seat belt (C) and retractor (D).

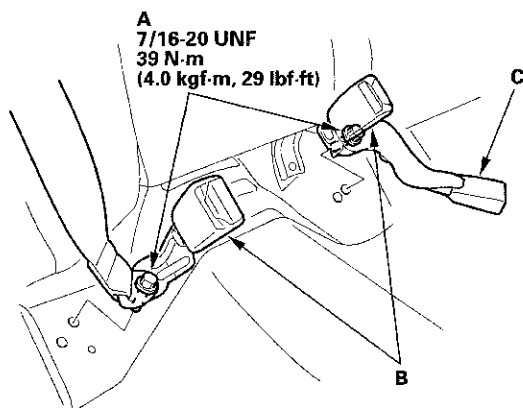


7. Install the seat belt in the reverse order of removal, and note these items:
 - Apply liquid thread lock to the anchor bolts before reinstallation.
 - Check that the retractor locking mechanism functions as described (see page 24-10).
 - Before installing the anchor bolt, make sure there are no twists or kinks in the seat belt.



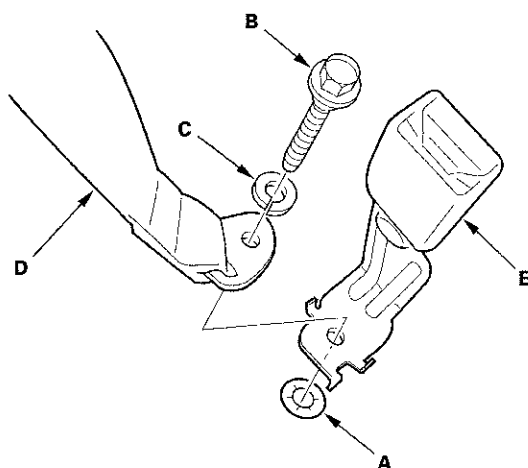
Center Seat Belt and Seat Belt Buckles

1. Remove the rear seat cushion (see page 20-140).
2. Remove the center anchor bolts (A), then remove the seat belt buckles (B) and center seat belt buckle (C).

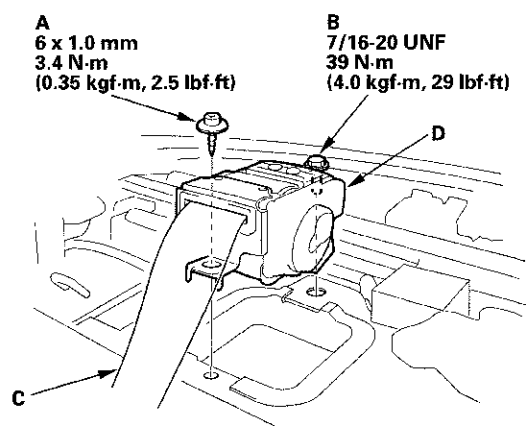


3. Release the lock washer (A), then remove the anchor bolt (B), spring washer (C), center seat belt (retractor anchor) (D), or center seat belt buckle (buckle anchor), and seat belt buckle (E).

NOTE: The retractor anchor is shown; the center seat belt buckle anchor is similar.



4. Remove the rear seat-back (see page 20-140).
5. Remove the C-pillar trim from both sides (see page 20-76).
6. Remove the rear shelf (see page 20-80).
7. Remove the retractor mounting ET screw (A) and the retractor bolt (B), then remove the rear seat belt (C) and retractor (D).

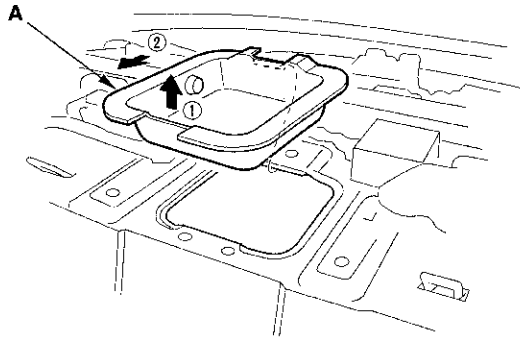


(cont'd)

Seat Belts

Rear Seat Belt Replacement (cont'd)

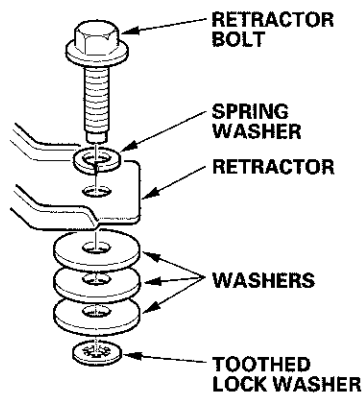
8. Remove the rear center seat belt protector (A).



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

- Apply liquid thread lock to the anchor bolts before reinstallation.
- Tighten the bolts by hand first, then tighten to specification with a torque wrench.
- Check that the retractor locking mechanism functions as described (see page 24-10).
- Assemble the washers on the retractor bolt as shown.
- Before installing the center anchor bolt, make sure there are no twists or kinks in the center seat belt.
- Make sure the rear center emergency locking retractor (ELR) is pointing straight forward.

Retractor bolt installation



Inspection

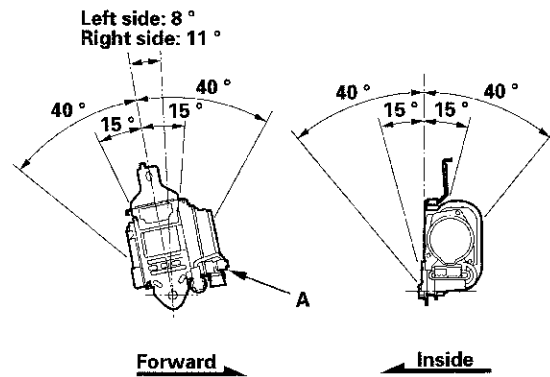
Out of Vehicle

For front seat belt retractor with seat belt tensioner, review the SRS component locations (see page 24-12), and the precautions and procedures (see page 24-14) before doing repairs or service.

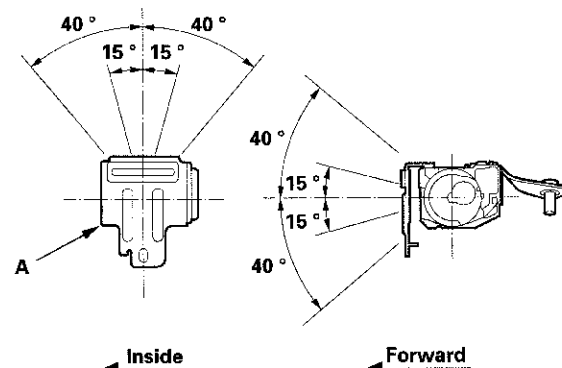
Retractor

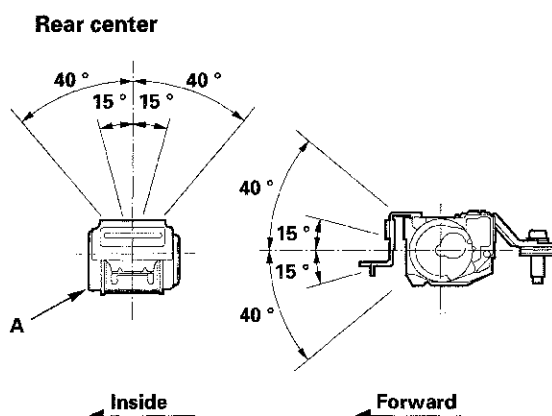
1. Before installing the retractor, check that the seat belt can be pulled out freely.
2. Make sure that the seat belt does not lock when the retractor (A) is leaned slowly up to 15° from the mounted position. The seat belt should lock when the retractor is leaned over 40°. Do not attempt to disassemble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

Front



Rear





3. Replace the seat belt with a new assembly if it does not function properly. Do not disassemble any part of the seat belt for any reason.

In-vehicle

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

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

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

4. Check that the seat belt does not lock when pulled out slowly. The seat belt is designed to lock only during a sudden stop or impact.
5. Make sure that the seat belt will retract automatically when released.
6. For front passenger's seat belt and all rear seat belts, check the seat belt retractor locking mechanism automatic locking retractor (ALR). This function is for securing child seats.

- 1 Pull the seat belt all the way out to engage the ALR. The seat belt should retract with a soft, ratcheting sound, but not extend. This is normal.
- 2 To disengage the ALR, release the seat belt and allow it to fully retract, then pull the seat belt out part-way. The seat belt should retract and extend normally.

7. Replace the seat belt with a new assembly if it does not function properly. Do not disassemble any part of the seat belt for any reason.