

ADJUSTER ANCHOR REMOVAL/INSTALLATION

WARNING:

- The side air bag sensor is attached to the lower part of the B-pillar. When working around the B-pillar, disconnect the negative battery cable or work carefully, avoiding excessive impact to the lower part of the B-pillar.

1. Switch the ignition to off.
2. Disconnect the negative battery cable.
3. Remove the following parts:
 1. Front scuff plate (See **FRONT SCUFF PLATE REMOVAL/INSTALLATION**).
 2. Rear scuff plate (See **REAR SCUFF PLATE REMOVAL/INSTALLATION**).
 3. B-pillar lower trim (See **B-PILLAR LOWER TRIM REMOVAL/INSTALLATION**).
 4. Front seat belt upper anchor installation bolt (See **FRONT SEAT BELT REMOVAL/INSTALLATION**).
 5. B-pillar upper trim (See **B-PILLAR UPPER TRIM REMOVAL/INSTALLATION**).
4. Remove bolt.
5. Rotate and remove the adjuster anchor as shown below.
6. Install in the reverse order of removal.

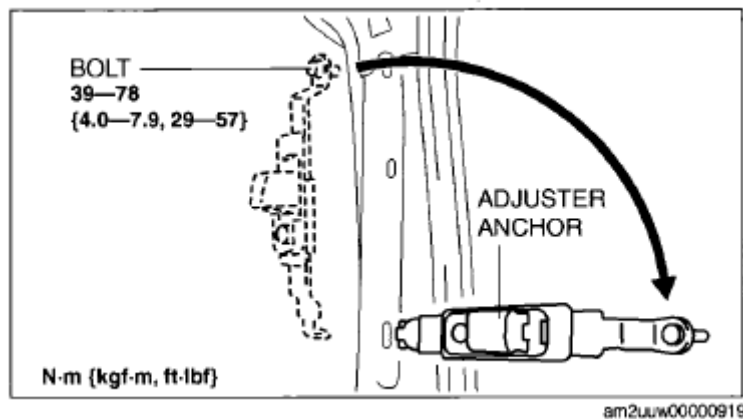


Fig. 4: Adjuster Anchor With Torque Specifications
Courtesy of MAZDA MOTORS CORP.

REAR SEAT BELT REMOVAL/INSTALLATION

1. Remove the following parts:
 1. Rear scuff plate (See **REAR SCUFF PLATE REMOVAL/INSTALLATION**).
 2. Trunk end trim (See **TRUNK END TRIM REMOVAL/INSTALLATION**).
 3. Rear seat back (See **REAR SEAT BACK REMOVAL/INSTALLATION**).

4. Rear seat cushion (See **REAR SEAT CUSHION REMOVAL/INSTALLATION**).
2. Remove the rear seat belt lower anchor installation bolt.
3. Remove the trunk side trim. (See **TRUNK SIDE TRIM REMOVAL/INSTALLATION**).
4. Remove the C-pillar trim. (See **C-PILLAR TRIM REMOVAL/INSTALLATION**).

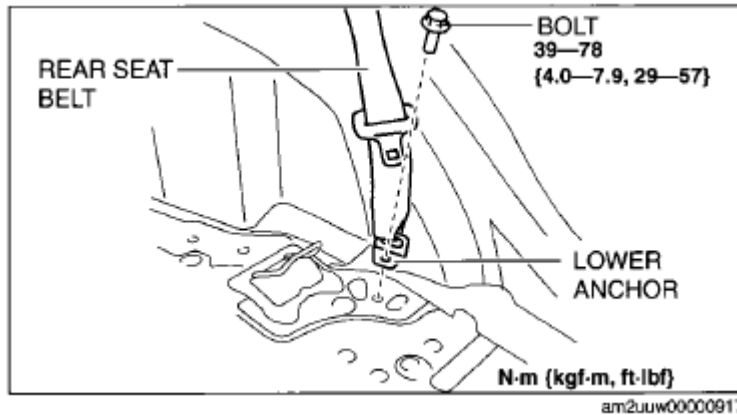


Fig. 5: Identifying Rear Seat Belt, Lower Anchor And Bolt With Torque Specifications
 Courtesy of MAZDA MOTORS CORP.

5. Remove the bolts.
6. Remove the rear seat belt.
7. Install in the reverse order of removal.

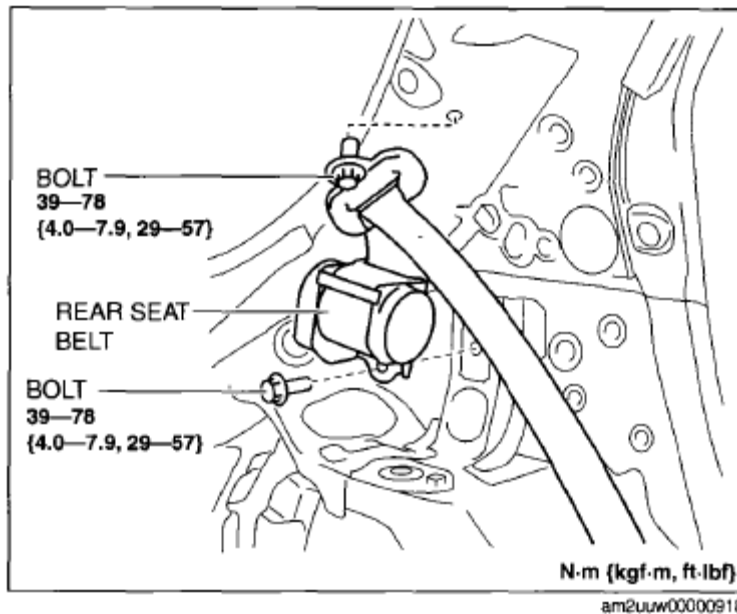


Fig. 6: Identifying Rear Seat Belt And Bolt With Torque Specifications
 Courtesy of MAZDA MOTORS CORP.

REAR CENTER SEAT BELT REMOVAL/INSTALLATION

- (See REAR SEAT BACK FRAME REMOVAL/INSTALLATION).

SEAT BELT INSPECTION

BELT

1. Verify that the belt is installed properly with no twists or kinks.
2. Verify that there is no damage to the seat belt and no deformation of the metal fittings.
 - If there is any malfunction, replace the seat belt.

ELR

1. Verify that the belt can be pulled out smoothly and that it retracts smoothly.
 - If there is any malfunction, replace the seat belt.
2. Verify that the retractor locks when the belt is pulled quickly.
 - If there is any malfunction, replace the seat belt.
3. Remove the retractor.

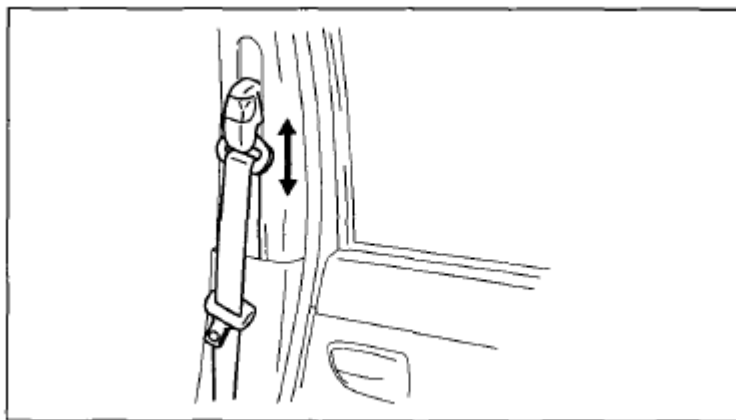


Fig. 7: Checking Seat Belt

Courtesy of MAZDA MOTORS CORP.

4. While pulling the seat belt out, make sure that the seat belt does not lock when the retractor is tilted slowly up to **15°** from the mounted position and locks when the retractor is tilted **40° or more**.
 - If there is any malfunction, replace the seat belt.

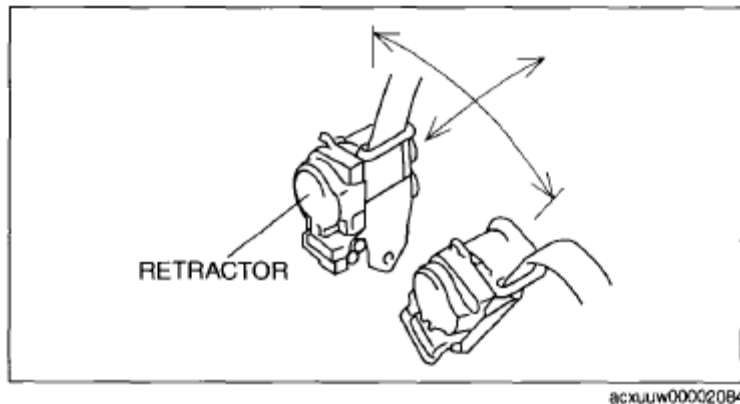


Fig. 8: Checking Seat Belt For Lock And Unlock
Courtesy of MAZDA MOTORS CORP.

ALR

1. Pull the belt out fully to change the lock mode from ELR to ALR.
2. Verify that retractor makes a clicking sound as the belt slowly retracts. If no sound is heard, the lock mode has not changed to ALR. If necessary, repeat step 1.
 - If there is any malfunction, replace the seat belt.
3. Verify that the retractor locks when pulled.
 - If there is any malfunction, replace the seat belt.
4. Verify that the lock mode changes to ELR when the belt is fully pulled out.
 - If there is any malfunction, replace the seat belt.

LOAD LIMITER RETRACTOR

WARNING:

- **When the load limiter operates, the belt and anchor rub against each other strongly leaving wear tracks. If the seat belt is used in this state, the seat belt will not function at its full capability and there is the possibility of serious injury to passengers. Be sure to replace the seat belt once the load limiter operates.**

1. If the vehicle has been subjected to a shock in an accident, pull the belt from the retractor and confirm that there are no wear tracks (the load limiter has not operated) by visually inspecting and feeling the belt.
 - If there is any malfunction, replace the seat belt.

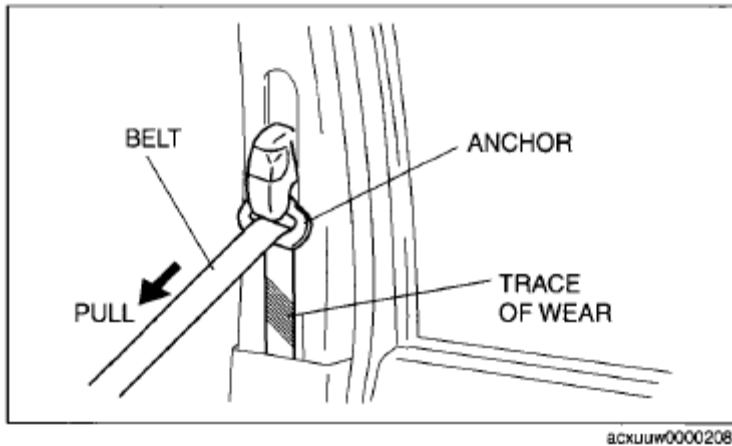


Fig. 9: Checking Seat Belt For Wear Tracks
Courtesy of MAZDA MOTORS CORP.

FRONT BUCKLE REMOVAL/INSTALLATION

DRIVER SIDE

1. Switch the ignition to off.
2. Disconnect the negative battery cable.
3. Remove the front seat. (See **FRONT SEAT REMOVAL/INSTALLATION**).
4. Remove the front buckle connector clip from the seat.

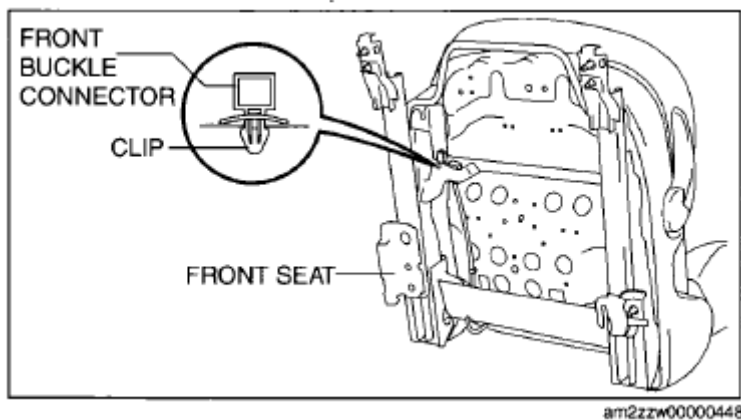


Fig. 10: Identifying Front Seat, Connector And Clip
Courtesy of MAZDA MOTORS CORP.

5. Remove the clips in the positions shown below.
6. Remove the bolt.
7. Remove the front buckle.
8. Install in the reverse order of removal.

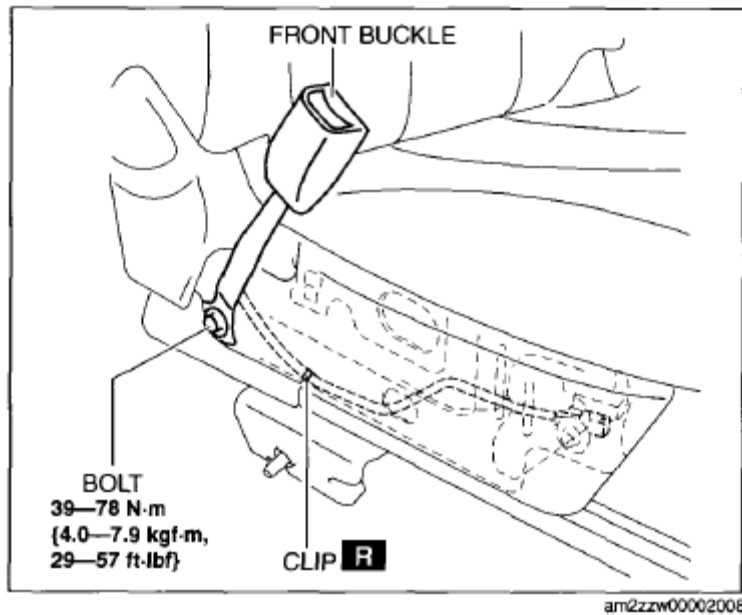


Fig. 11: Identifying Front Seat Belt Buckle, Clip And Bolt With Torque Specifications Courtesy of MAZDA MOTORS CORP.

PASSENGER SIDE

1. Switch the ignition to off.
2. Disconnect the negative battery cable.
3. Remove the front seat. (See **FRONT SEAT REMOVAL/INSTALLATION**).
4. Disconnect the front buckle connector.
5. Remove the bolt.
6. Remove the front buckle.
7. Install in the reverse order of removal.