

VEHICROSS

RESTRAINTS

CONTENTS

Seat Belt System	9A
Supplemental Restraint System (SRS)	9J
Restraint Control System	9J1

SEAT BELT SYSTEM

CONTENTS

Service Precaution	9A-1	Removal	9A-6
Front Seat Belt	9A-2	Installation	9A-6
Front Seat Belt and Associated Parts	9A-2	Rear Seat Belt Buckle Assembly	9A-7
Removal	9A-2	Removal	9A-7
Inspection	9A-2	Installation	9A-7
Installation	9A-3	Child Seat Tether Anchor Bracket (Child Restraint)	9A-8
Rear Seat Belt	9A-4	General Description	9A-8
Rear Seat Belt and Associated Parts	9A-4	Child Seat Tether Anchor Bracket and Associated Parts	9A-8
Removal	9A-4	Installation	9A-8
Inspection	9A-5	Main Data and Specifications	9A-9
Installation	9A-5		
Front Seat Belt Buckle Assembly	9A-6		
Front Seat Belt Buckle Assembly and Associated Parts	9A-6		

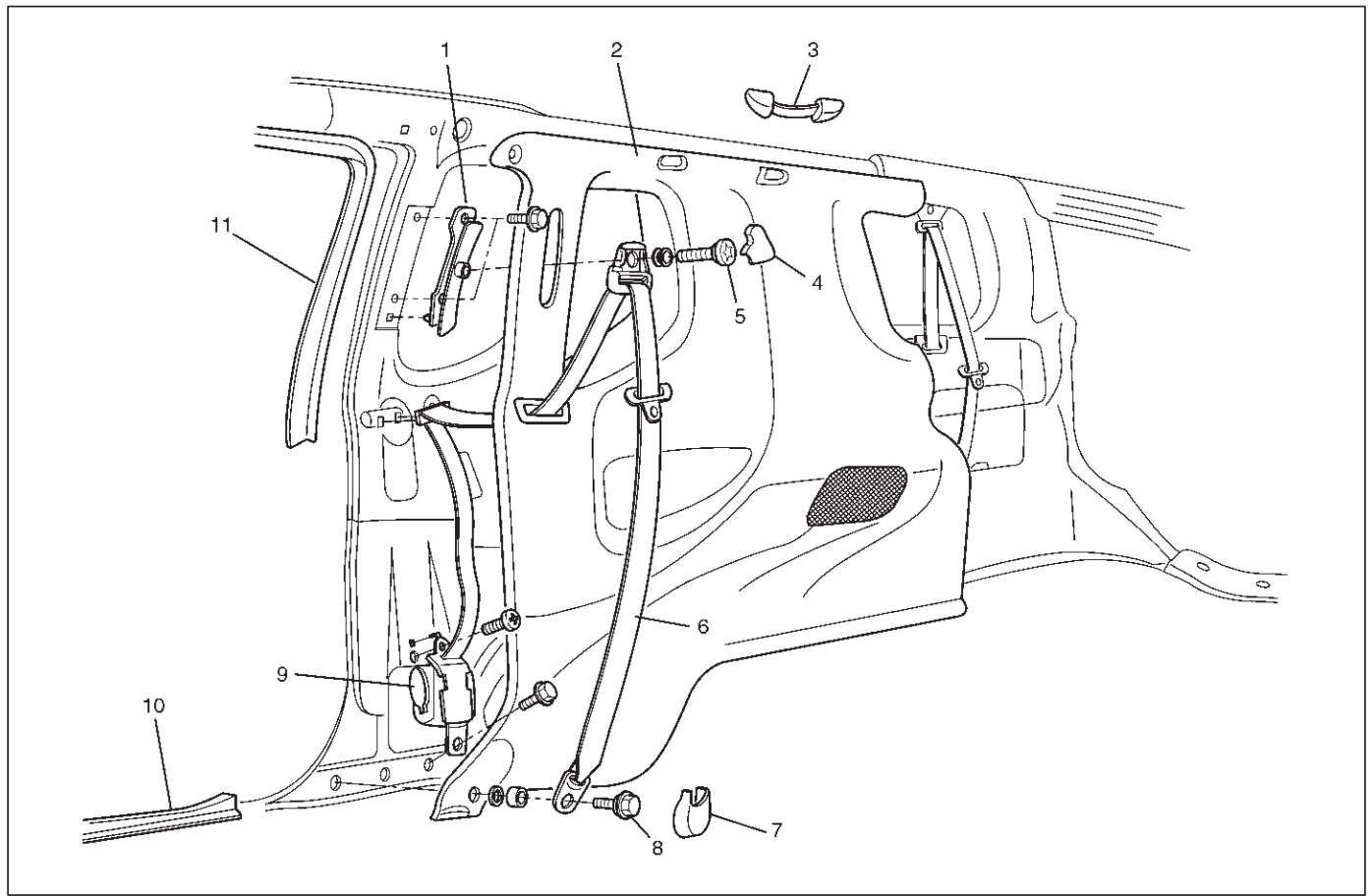
Service Precaution

WARNING: THIS VEHICLE HAS A SUPPLEMENTAL RESTRAINT SYSTEM (SRS). REFER TO THE SRS COMPONENT AND WIRING LOCATION VIEW IN ORDER TO DETERMINE WHETHER YOU ARE PERFORMING SERVICE ON OR NEAR THE SRS COMPONENTS OR THE SRS WIRING. WHEN YOU ARE PERFORMING SERVICE ON OR NEAR THE SRS COMPONENTS OR THE SRS WIRING, REFER TO THE SRS SERVICE INFORMATION. FAILURE TO FOLLOW WARNINGS COULD RESULT IN POSSIBLE AIR BAG DEPLOYMENT, PERSONAL INJURY, OR OTHERWISE UNNEEDED SRS SYSTEM REPAIRS.

CAUTION: Always use the correct fastener in the proper location. When you replace a fastener, use ONLY the exact part number for that application. ISUZU will call out those fasteners that require a replacement after removal. ISUZU will also call out the fasteners that require thread lockers or thread sealant. UNLESS OTHERWISE SPECIFIED, do not use supplemental coatings (Paints, greases, or other corrosion inhibitors) on threaded fasteners or fastener joint interfaces. Generally, such coatings adversely affect the fastener torque and the joint clamping force, and may damage the fastener. When you install fasteners, use the correct tightening sequence and specifications. Following these instructions can help you avoid damage to parts and systems.

Front Seat Belt

Front Seat Belt and Associated Parts



760RX007

Legend

- | | |
|---|------------------------------|
| (1) Adjustable Shoulder Anchor Assembly | (6) Front Seat Belt Assembly |
| (2) Quarter Trim Cover | (7) Lower Anchor Cover |
| (3) Assist Grip & Cover | (8) Lower Anchor Bolt |
| (4) Shoulder Anchor Cover | (9) Retractor |
| (5) Upper Anchor Bolt (Torx Bolt) | (10) Sill Plate |
| | (11) Front Door Finisher |

Removal

1. Disconnect the battery ground cable.
2. Remove the shoulder anchor cover and upper anchor bolt.
3. Remove the lower anchor bolt.
4. Remove the quarter trim cover.
 - Refer to Interior Trim Cover and Assist Grip in Exterior/Interior Trim section.
5. Remove the retractor.
 - Remove the fixing bolt and screw.
6. Remove the front seat belt assembly.
7. Remove the adjustable shoulder anchor assembly.
 - Remove the two fixing bolts.

Inspection

If any of the following abnormalities is found, replace on an assembly basis:

- Deform and malfunction of adjustable shoulder anchor.
- No smooth move of upper/lower anchors in the circumferential direction.
- Damaged and/or deformed through ring.
- Damaged and/or deformed tongue.
- Damaged and/or frayed of webbing.
- Deformed retractor bracket.
- Seat belt not rewound up.
- Resistance or abnormal sound when seat belt is wound out and rewound.
- Retractor abnormality.

Inspection of retractor

1. ELR (Emergency Locking Retractor) lock inclining angle check.
 - When the retractor is moved gently from its installing position, make sure it is not locked within 15° in any directions, and it remains locked at 45° or larger.
2. ELR lock check.
 - When the seat belt is drawn slowly with the retractor installed, make sure it is not locked. And when it is drawn quickly, make sure it is locked.

CAUTION: Do not disassemble the retractor.

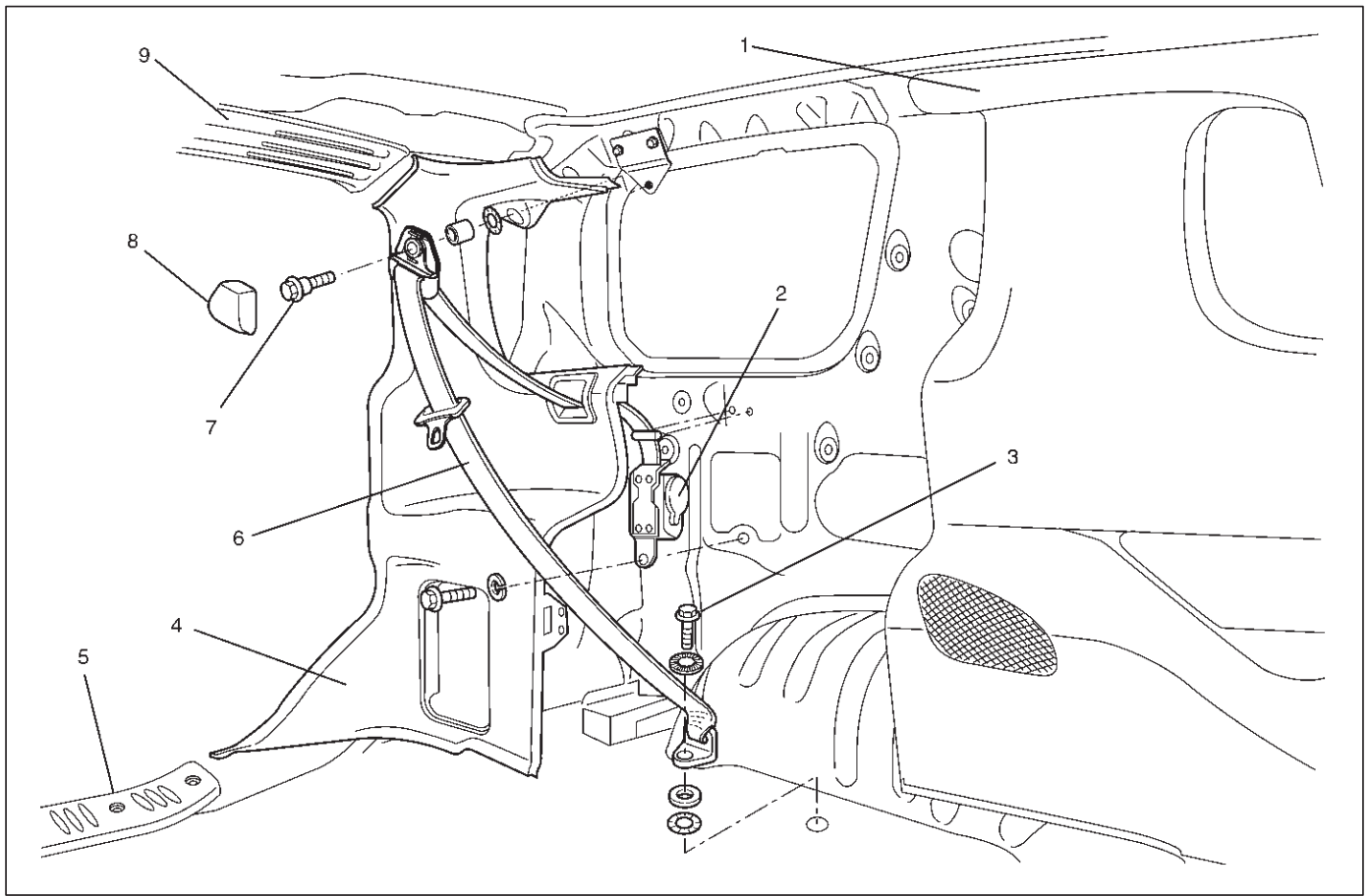
Installation

To install, follow the removal steps in the reverse order, noting the following points.

1. Tighten the front seat belt upper anchor bolt to the specified torque.
Torque: 49 N·m (36 lb ft)
2. Tighten the front seat belt lower anchor bolt to the specified torque.
Torque: 39 N·m (29 lb ft)
3. Tighten the retractor fixing bolts to the specified torque.
Torque: 39 N·m (29 lb ft)
4. Tighten the adjustable shoulder anchor assembly fixing bolts to the specified torque.
Torque: 39 N·m (29 lb ft)

Rear Seat Belt

Rear Seat Belt and Associated Parts



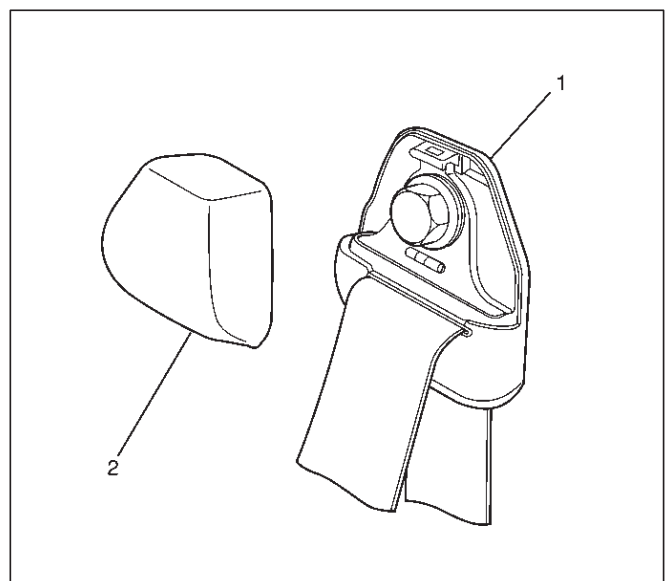
760RX008

Legend

- | | |
|-----------------------------|-----------------------------|
| (1) Quarter Trim Cover | (5) Luggage Rear Trim Cover |
| (2) Retractor | (6) Rear Seat Belt Assembly |
| (3) Lower Anchor Bolt | (7) Upper Anchor Bolt |
| (4) Luggage Side Trim Cover | (8) Shoulder Anchor Cover |
| | (9) Rear Roof Trim Cover |

Removal

1. Disconnect the battery ground cable.
2. Remove the quarter trim cover.
 - Refer to Interior Trim Cover and Assist Grip in Exterior/Interior Trim section.
3. Remove the shoulder anchor cover(2) from the shoulder anchor(1).



755RX031

4. Remove the upper anchor bolt.
5. Remove the lower anchor bolt.
6. Remove the rear roof trim cover.
7. Remove the luggage rear trim cover.
8. Remove the luggage side trim cover.
 - Refer to Interior Trim Cover and Assist Grip in Exterior/Interior Trim section.
9. Remove the retractor.
 - Remove the fixing bolt.
10. Remove the rear seat belt assembly.

Inspection

If any of the following abnormalities is found, replace on an assembly basis:

- No smooth move of upper/lower anchors in the circumferential direction.
- Damaged and/or deformed through ring.
- Damaged and/or deformed tongue.
- Damaged and/or frayed of webbing.
- Deformed retractor bracket.
- Seat belt not rewound up.
- Resistance or abnormal sound when seat belt is wound out and rewound.
- Retractor abnormality.

Inspection of retractor

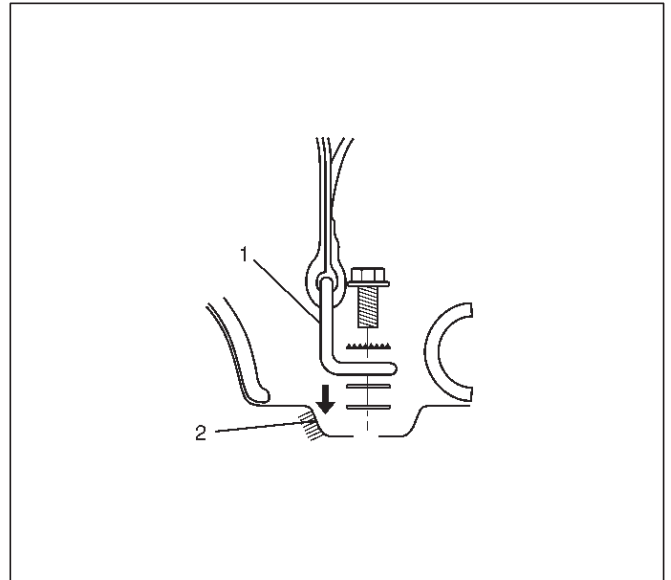
1. ELR (Emergency Locking Retractor) lock inclining angle check.
 - When the retractor is moved gently from its installing position, make sure it is not locked within 15° in any directions, and it remains locked at 45° or larger.
2. ELR lock check.
 - When the seat belt is drawn slowly with the retractor installed, make sure it is not locked. And when it is drawn quickly, make sure it is locked.

CAUTION: Do not disassemble the retractor.

Installation

To install, follow the removal steps in the reverse order, noting the following points.

1. Fix the lower anchor(1) to the rotation-stop position(2) securely to install the rear seat belt assembly.



760RX012

2. Tighten the seat belt anchor bolts to the specified torque.

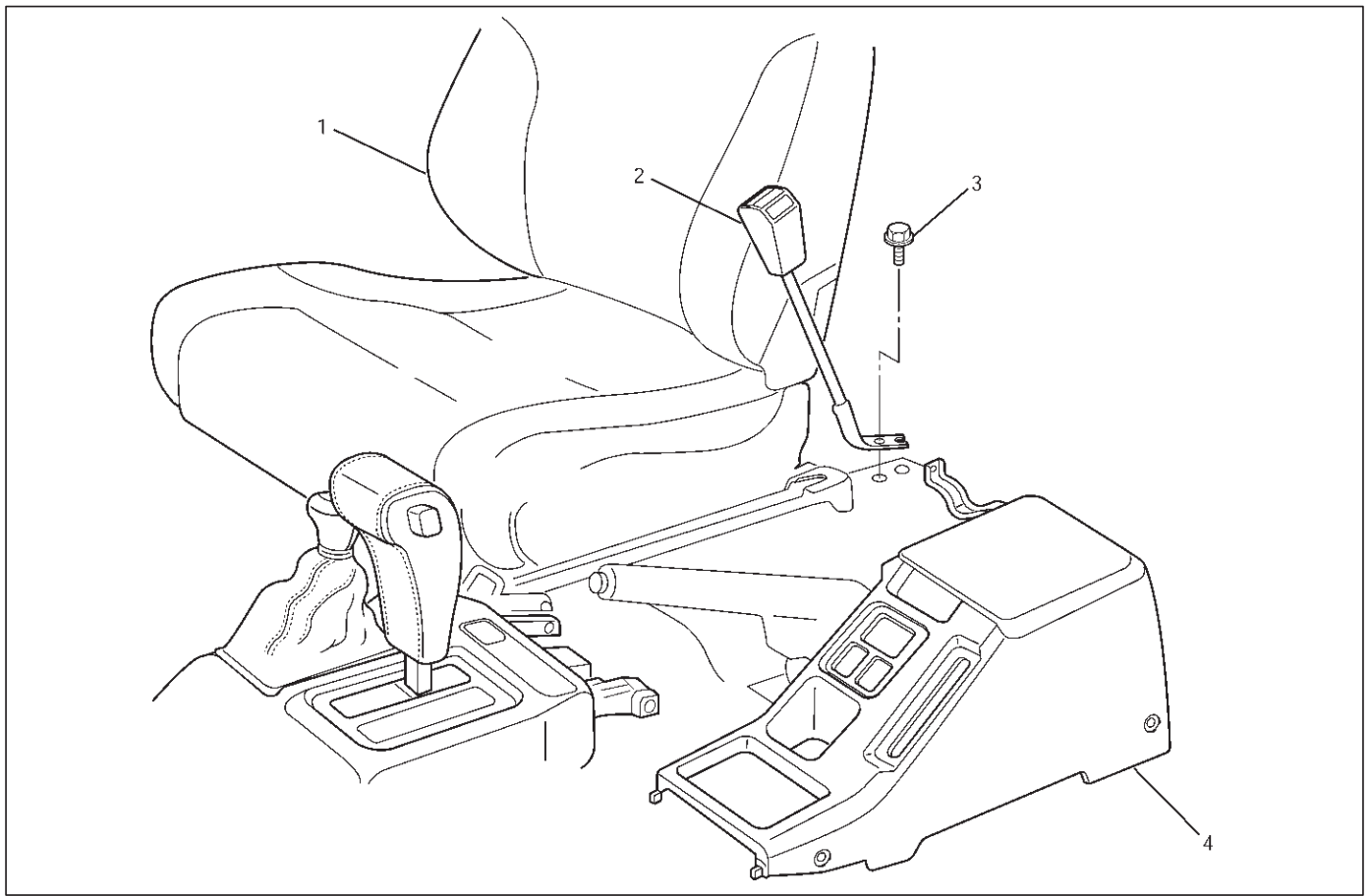
Torque: 39 N·m (29 lb ft)

3. Tighten the retractor fixing bolts to the specified torque.

Torque: 39 N·m (29 lb ft)

Front Seat Belt Buckle Assembly

Front Seat Belt Buckle Assembly and Associated Parts



760RX013

Legend

- | | |
|-------------------------------------|---------------------------|
| (1) Front Seat Assembly | (3) Buckle Anchor Bolt |
| (2) Front Seat Belt Buckle Assembly | (4) Rear Console Assembly |

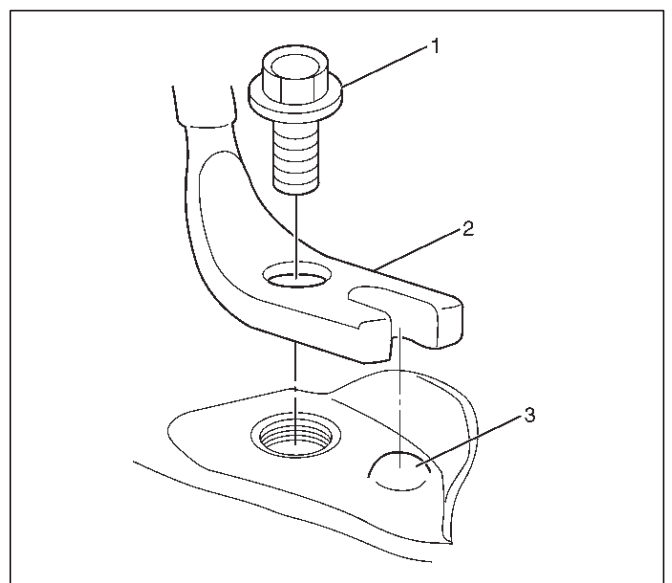
Removal

1. Disconnect the battery ground cable.
2. Remove rear console assembly.
 - Refer to Console in Exterior/Interior Trim section.
3. Remove front seat assembly.
 - Refer to Front Seat Assembly in Seats section.
4. Remove front seat belt buckle assembly.
 - Disconnect the seat belt warning connector (driver's side) and remove the buckle anchor bolt.

Installation

To install, follow the removal steps in the reverse order, noting the following points.

1. Tighten the buckle anchor bolt(1) to fix the buckle anchor(2) to the rotation-stop position(3) securely.



760RX011

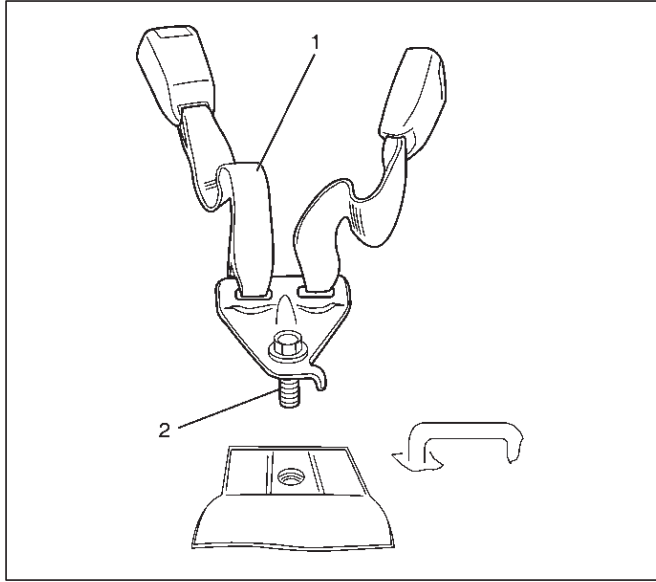
2. Tighten the buckle anchor bolts to the specified torque.

Torque: 39 N·m (29 lb ft)

Rear Seat Belt Buckle Assembly

Removal

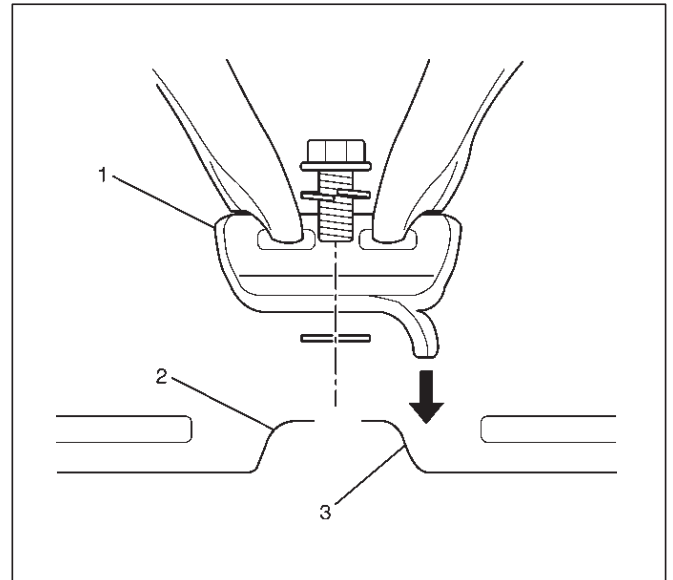
1. Disconnect the battery ground cable.
2. Remove rear seat belt buckle assembly(1).
 - Turn up the carpet slit portion in order to remove the buckle anchor bolt(2).



Installation

To install, follow the removal steps in the reverse order, noting the following points.

1. Fix the buckle anchor(1) to the rotation-stop position(3) of the floor panel(2) securely to install the rear seat belt buckle assembly.



2. Tighten the buckle anchor fixing bolt to the specified torque.

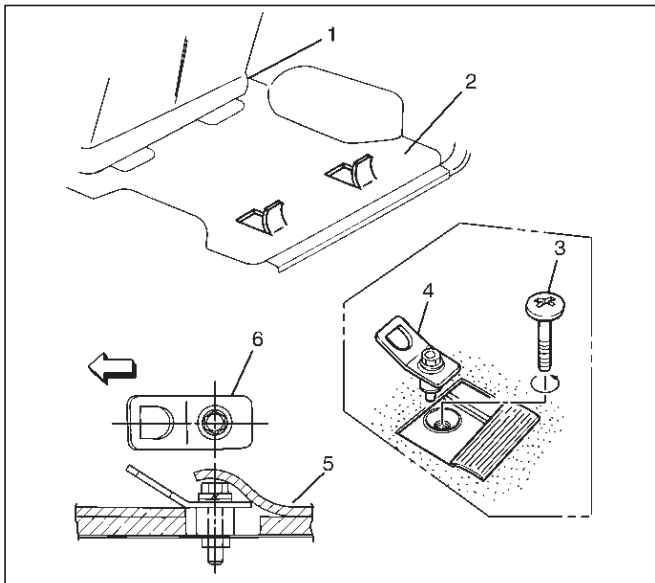
Torque:39 N·m (29 lb ft)

Child Seat Tether Anchor Bracket (Child Restraint)

General Description

Plastic plug is provided at three places on the luggage floor panel. Remove the center plug from the floor panel. Install the bracket to the hole where the plug is removed. Alternatively, the bracket may be installed in the right-hand or left-hand plug hole.

Child Seat Tether Anchor Bracket and Associated Parts



Legend

- (1) Rear Seat
- (2) Luggage Floor
- (3) Plug
- (4) Child Seat Tether Anchor Bracket
- (5) Floor Carpet
- (6) Child Seat Tether Anchor Bracket

Installation

1. Turn the plug counterclockwise to remove it.
2. Install the bracket such that its tether belt hook hole is facing toward the front of the vehicle.
3. Tighten the fixing bolt to the specified torque.

Torque: 20 N·m (14 lb ft)

Main Data and Specifications**Torque Specifications**

Application	N·m	lb ft	lb in
Front Seat Belt Upper Anchor Bolts	49	36	—
Front Seat Belt Lower Anchor Bolts	39	29	—
Front Seat Belt Retractor Fixing Bolts	39	29	—
Adjustable Shoulder Anchor Assembly Fixing Bolts	39	29	—
Rear Seat Belt Anchor Bolts	39	29	—
Rear Seat Belt Retractor Fixing Bolts	39	29	—
Front Seat Belt Buckle Anchor Bolts	39	29	—
Rear Seat Belt Buckle Anchor Bolts	39	29	—
Child Seat Tether Anchor Bracket Fixing Bolts	20	14	—