

Part Number: PTR11-34070

Kit Contents

Item #	Quantity Reqd.	Description
1	1	Rear Sway Bar
2	2	End Links
3	1	Hardware Bag
4	1	Installation Instructions

Hardware Bag Contents

Item #	Quantity Reqd.	Description
1	2	Upper End Link Bolts – M14 x 1.5 x 120
2	6	Upper End Link Washers
3	2	Upper End Link Frame Spacers
4	2	Upper End Link Auxiliary Washers(For Vehicles without Hitch)
5	2	Lower End Link Bolts – M12 x 1.5 x 70
6	2	Lower End Link Nylock Nuts
7	2	U-Bolts
8	2	Saddle Brackets
9	4	U-Bolt ½ USS Washers
10	4	U-Bolt ½ - 20 Nylock Nuts
11	2	Rear Sway Bar Bushings
12	2	Rear Sway Bar Bushing Brackets
13	2	Bushing Lubricant

Additional Items Required For Installation

Item #	Quantity Reqd.	Description
1		

Conflicts

None

Recommended Tools

Personal & Vehicle Protection	Notes
Vehicle Protection	Seat/Floor Covers
Safety Glasses	
Special Tools	Notes
Installation Tools	Notes
Socket/Ratchet	19mm & 22mm
Wrench	19mm
Torque Wrench	0 - 100 lbf-ft (0 - 135 N·m)
Special Chemicals	Notes
Cleaner (for clean up)	3M Prepsolvent 70

NOTE: Part number of this accessory may not be the same as the part number shown.

General Applicability

ALL 2007MY TUNDRA TRUCKS

Recommended Sequence of Application

Item #	Accessory
1	Genuine Hitch
2	TRD Dual Exhaust
3	TRD Rear Sway Bar

*Mandatory

Vehicle Service Parts (may be required for reassembly)

Item #	Quantity Reqd.	Description
1		

Legend

 **STOP:** Damage to the vehicle may occur. Do not proceed until process has been complied with.

 **OPERATOR SAFETY:** Use caution to avoid risk of injury.

 **CAUTION:** A process that must be carefully observed in order to reduce the risk of damage to the accessory/vehicle and to ensure a quality installation.

 **TOOLS & EQUIPMENT:** Used in Figures calls out the specific tools and equipment recommended for this process.

 **REVISION MARK:** This mark highlights a change in installation with respect to previous issue.

Care must be taken when installing this accessory to ensure damage does not occur to the vehicle. The installation of this accessory should follow approved guidelines to ensure a quality installation.

These guidelines can be found in the "Accessory Installation Practices" document.

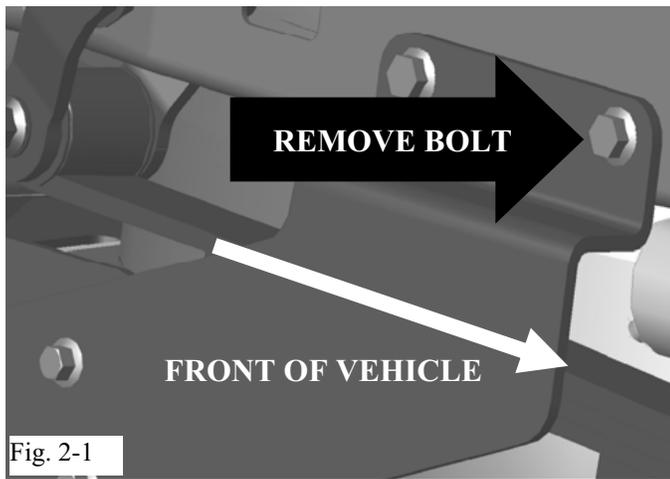
This document covers such items as:-

- Vehicle Protection (use of covers and blankets, cleaning chemicals, etc.).
- Safety (eye protection, rechecking torque procedure, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.

1. Pre-installation Preparation

-  (a) Use Seat & Floor Protectors to avoid damage to surfaces.
-  (b) Firmly apply parking brake.
-  (c) Put transmission in "P"(Automatic)
- (d) Lift vehicle.



2. Install Frame End Links – For Vehicles equipped with a Hitch

- (a) Using the 19mm socket, remove the forward most hitch frame bolt, and dispose. (Fig. 2-1)

-  (b) Substitute previously removed frame bolt, with the M14x1.5x120 (22mm) bolt supplied in the hardware kit.

-  (c) Install Frame End Link to weld nut into forward most frame frame rail, using the following hardware configuration: 22mm bolt, washer #1, end link, washer #2 & spacer. (Fig. 2-2)

||| (1) NOTE: Top of end link is the side that has the larger diameter.

- (d) Repeat Steps 2(a) – 2(c) on opposite side.



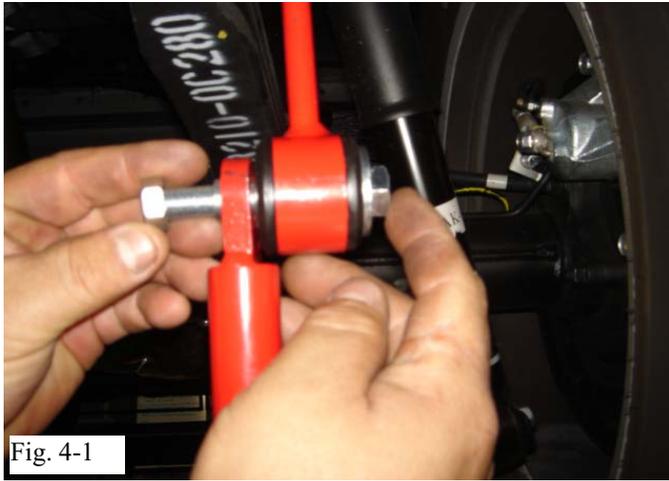


Fig. 4-1

3. Install Frame End Links – For Vehicles NOT equipped with a Hitch

-  (a) Install Frame End Link to weld nut into forward most frame rail, using the following hardware configuration: 22mm bolt, washer #1, end link, washer #2, spacer & auxiliary washer.

|| (1) NOTE: Top of end link is the side that has the larger diameter.

- (b) Repeat Step 3(a) on opposite side.

4. Install RSB onto End Links

- (a) Starting on either side, mount the RSB onto both End Links using the following hardware configuration: 19mm bolt, washer #1, end link, RSB & 19mm nut - end links are mounted outboard of the RSB. (Fig. 4-1)

(1) Make sure RSB is mounted with the TRD sticker in the upright position.

5. Install U-Bolts around Rear Axle

- (a) Starting on either side, slide both U-Bolts on top of rear axle, so that the threaded studs face down. LHS U-Bolt should be on the outside of brake bracket. RHS U-Bolt should be on the inside of brake bracket. (Fig. 5-1)

(1) NOTE: Ensure that the speed sensor wire and the brake tube do not get clamped between the u-bolt and the axle.

6. Install Bushings & Bushing Brackets

- (a) Apply the tube of the TRD supplied lube to the inside of each of the TRD bushings. Spread equally.
- (b) Slide the bushings over the TRD RSB.
- (c) Slide the bushing brackets over the bushings (Fig. 6-1)

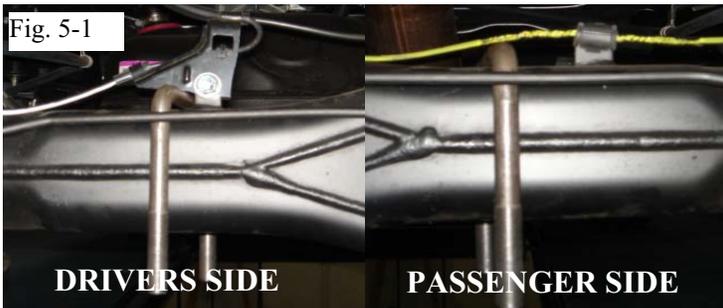


Fig. 5-1

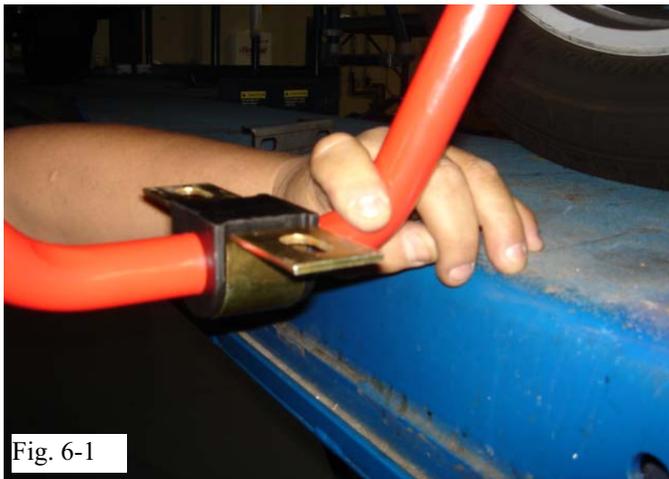


Fig. 6-1

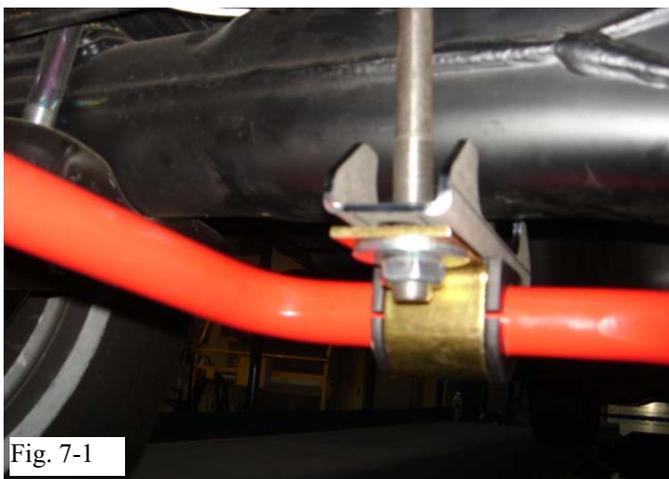


Fig. 7-1



7. Install RSB onto U-Bolts

- (a) Starting on either side, place the saddle brackets onto the U-Bolts, and slide the bushing brackets underneath. Secure the bushing brackets using the U-Bolt washers & nuts. (Fig 7-1)
- (b) Make sure the RSB is in a relaxed state and is centered relative to the vehicle. (Fig. 7-2)

8. Tighten all Hardware

- (a) Tighten both upper end link/frame bolts to 84 lbf.ft (+/- 12 lbf.ft)
- || (b) Tighten both lower end link/RSB bolts to 48 lbf.ft (+/- 12 lbf.ft)
- || (c) Alternate tightening the 4 U-Bolt/Bushing Bracket nuts from side to side, on each bracket, to 48 lbf.ft (+/- 12 lbf.ft)

Check:	Look For:
<p><u>Accessory Function Checks</u></p> <p><input type="checkbox"/> Correct part has been installed.</p> <p><input type="checkbox"/> End Links are correctly oriented & installed.</p>	<p>Verify part number on package.</p> <p>Verify end links are oriented with white dot indicating TOP</p>
<p><u>Vehicle Function Checks</u></p> <p> <input type="checkbox"/> Inspection torque – Tighten both upper end link/frame bolts</p> <p> <input type="checkbox"/> Inspection torque – Tighten both lower end link/RSB bolts</p> <p> <input type="checkbox"/> Inspection torque – Tighten the 4 U-Bolt/Bushing Bracket nuts</p>	<p>84 lbf.ft (+/- 12 lfb.ft) [114 +/- 16 N-m)</p> <p> 48 lbf.ft (+/- 9.6 lfb.ft) [65 +/- 13 N-m)</p> <p> 48 lbf.ft (+/- 9.6 lfb.ft) [65 +/- 13 N-m)</p>