

**Part Number: PTR11-34070**

**Kit Contents**

Item #	Quantity Req'd.	Description
1	1	Rear Sway Bar
2	2	End Links
3	1	Hardware Kit
4	1	Installation Instructions

**Hardware Bag Contents**

Item #	Quantity Req'd.	Description
1	2	Upper End Link Bolts – M14 x 1.5 x 120
2	8	End Link Washers
3	2	Upper End Link Spacers - M14
4	2	Upper End Link Auxiliary Washers (For Vehicles without OEM Hitch)
5	2	Lower End Link Bolts – M12 x 1.5 x 70
6	2	Lower End Link Nylock Nuts
7	2	U-Bolts ½-20
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	1	Bushing Lubricant 4cc

**Additional Items Required For Installation**

Item #	Quantity Req'd.	Description
1		

**Conflicts**

Toyota Genuine Accessory Towing Hitch (resin bumper & steel bumper models) May not be compatible with other aftermarket hitches as well.

**Recommended Tools**

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

**General Applicability**

MY07 and newer Tundra vehicles
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**Recommended Sequence of Application**

Item #	Accessory
1	TRD Dual Exhaust
2	TRD Rear Sway Bar

\*Mandatory

**Vehicle Service Parts** (may be required for reassembly)

Item #	Quantity Req'd.	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.



**SAFETY TORQUE:** This mark indicates that torque is related to safety.



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 the Sway Bar End Links (Vehicles Equipped with an OEM Hitch).

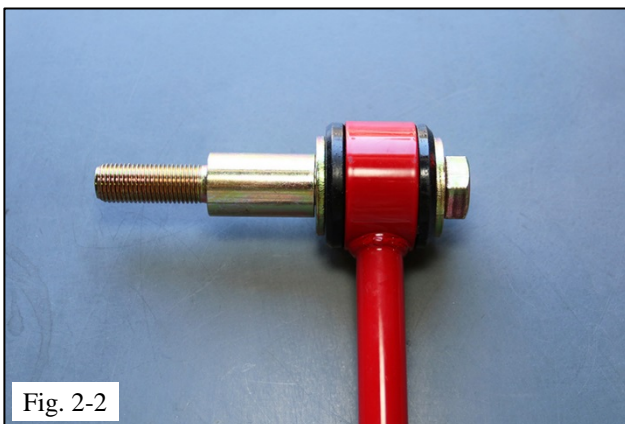
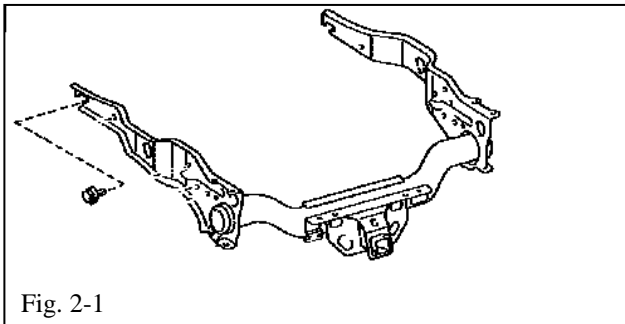
- (a) Using a 19mm socket, remove the two forward-most hitch frame bolts, and dispose (Fig. 2-1).

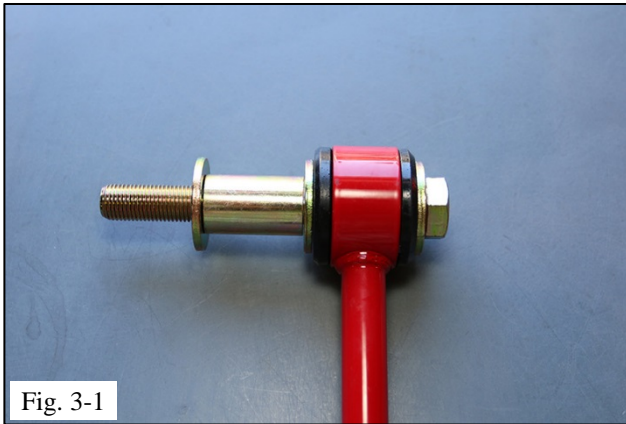
-  (b) Install end link using the new supplied M14x1.5x120 (22mm hex).

-  (c) Install in the following order: M14 bolt, washer, end link, washer & M14 spacer (Fig. 2-2).

-  **NOTE:** Top of the end link is the end that has the larger M14 inner sleeve.

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





**3. Install Sway Bar End Links (Vehicles NOT Equipped with OEM Hitch).**

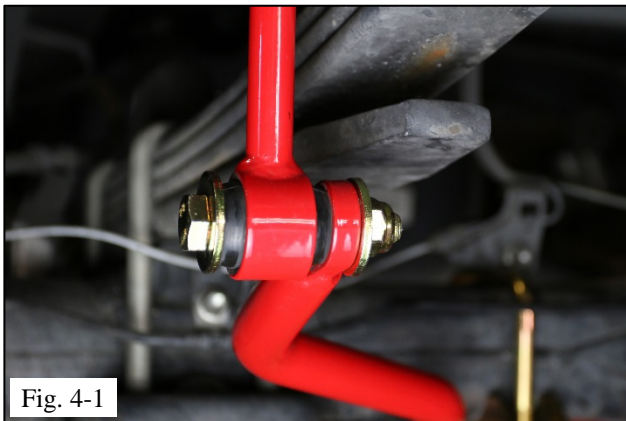
- ⚠ (a) Install end link using the new supplied M14x1.5x120 (22mm hex) into the second hole forward of the rear leaf spring hanger. Hardware should be installed in the following order: M14 bolt, washer, end link, washer, spacer & auxiliary washer, [Item 4]. (Fig. 3-1).

⚠ **NOTE:** Top of the end link is the end that has the larger M14 inner sleeve.

**4. Install the Rear Sway Bar (RSB) Onto End Links**

- (a) Starting on either side, mount the RSB onto both End Links using the following hardware configuration (19mm hex): M12 bolt, washer, end link, sway bar, washer & lock nut. The sway bar mounts inboard of the end links (Fig. 4-1).

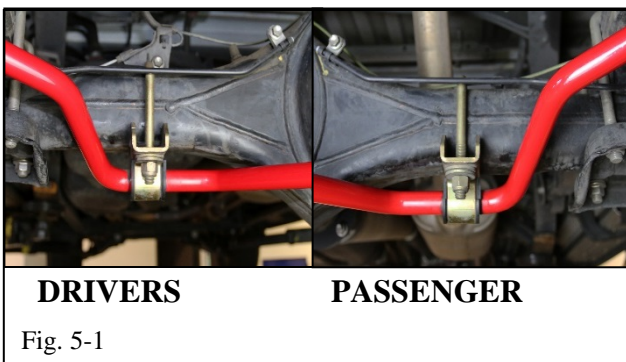
⚠ **NOTE:** Sway bar is mounted with the TRD sticker in the upright position.



**5. Install U-bolts Around Rear Axle**

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

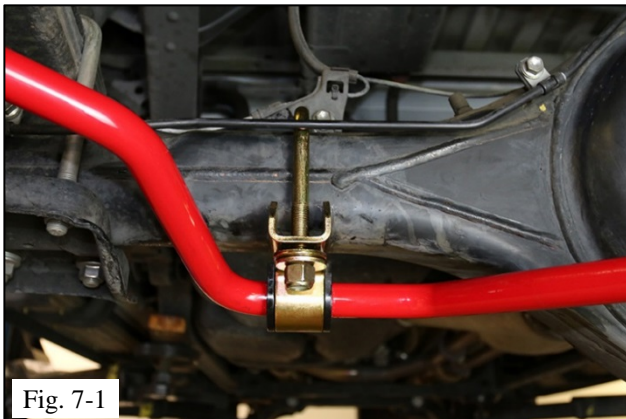
⚠ **NOTE:** Ensure that the speed sensor wire and the brake line do not get clamped between the u-bolt and the axle





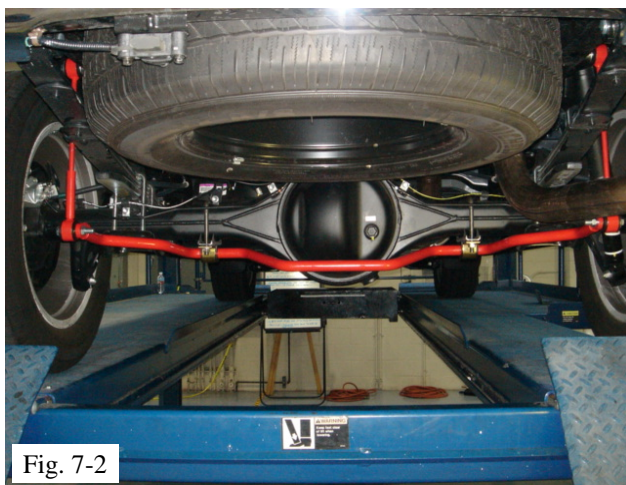
### 6. Install the Bushings and Bushing Brackets

- (a) Apply the TRD-supplied bushing grease to the inside of the two TRD bushings. Spread equally & use all the grease (Fig. 6-1).
- (b) Slide the bushings over the TRD RSB.
- (c) Slide the bushing brackets over the bushings.



### 7. Install the RSB Onto the 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 & locking 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 of the Hardware

- (a) Tighten both upper end link/frame bolts to 114 Nm (84 ft-lbf).

**⚠ Torque: 114 Nm (84 ft-lbf)**

- (b) Tighten both lower end link/RSB bolts to 65 Nm (48 ft-lbf).

**⚠ Torque: 65 Nm (48 ft-lbf)**

- (c) Alternate tightening the 4 U-Bolt/Bushing Bracket nuts from side to side, on each bracket, to 65 Nm (48 ft-lbf).

**⚠ Torque: 65 Nm (48 ft-lbf)**

Checklist - these points **MUST** be checked to ensure a quality installation.

Check:

Look For:

Accessory Function Checks

- Correct part has been installed.
- End Links are correctly oriented & installed.

Verify part number on package.

Verify end links are oriented with larger diameter end fitting at the TOP.

Vehicle Appearance Check

- After accessory installation and removal of protective cover(s), perform a visual inspection.

Ensure no damage (including scuffs and scratches) was caused during the installation process.

(For PPO installations, refer to TMS Accessory Quality Shipping Standard.)