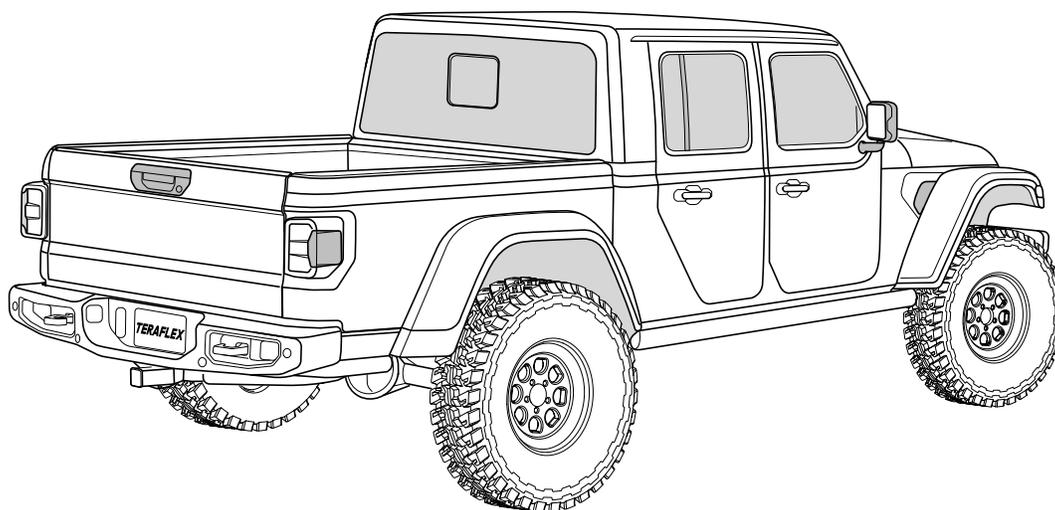




JT Rear Trail Rate Forged S/T Swaybar Kit

www.TERAFLEX.com

1774700



Important Notes:

Prior to beginning this install, or any installation, read the instructions thoroughly to familiarize yourself with the required steps. Evaluate if you are experienced and capable to personally perform these modifications. A factory service manual should be used in conjunction with these installation instructions.

This product will change the highway handling characteristics of your vehicle, exercise caution. After altering the suspension it is always advisable to have an alignment done by a competent 4 wheel drive shop or by an alignment shop that is experienced with lifted 4 wheel drive vehicles.

Refer to the parts list to ensure that all necessary components and hardware has been included. If any parts are missing please contact your local TeraFlex dealer for assistance.

When reinstalling OEM hardware, refer to the torque specs given in the Factory Service Manual.

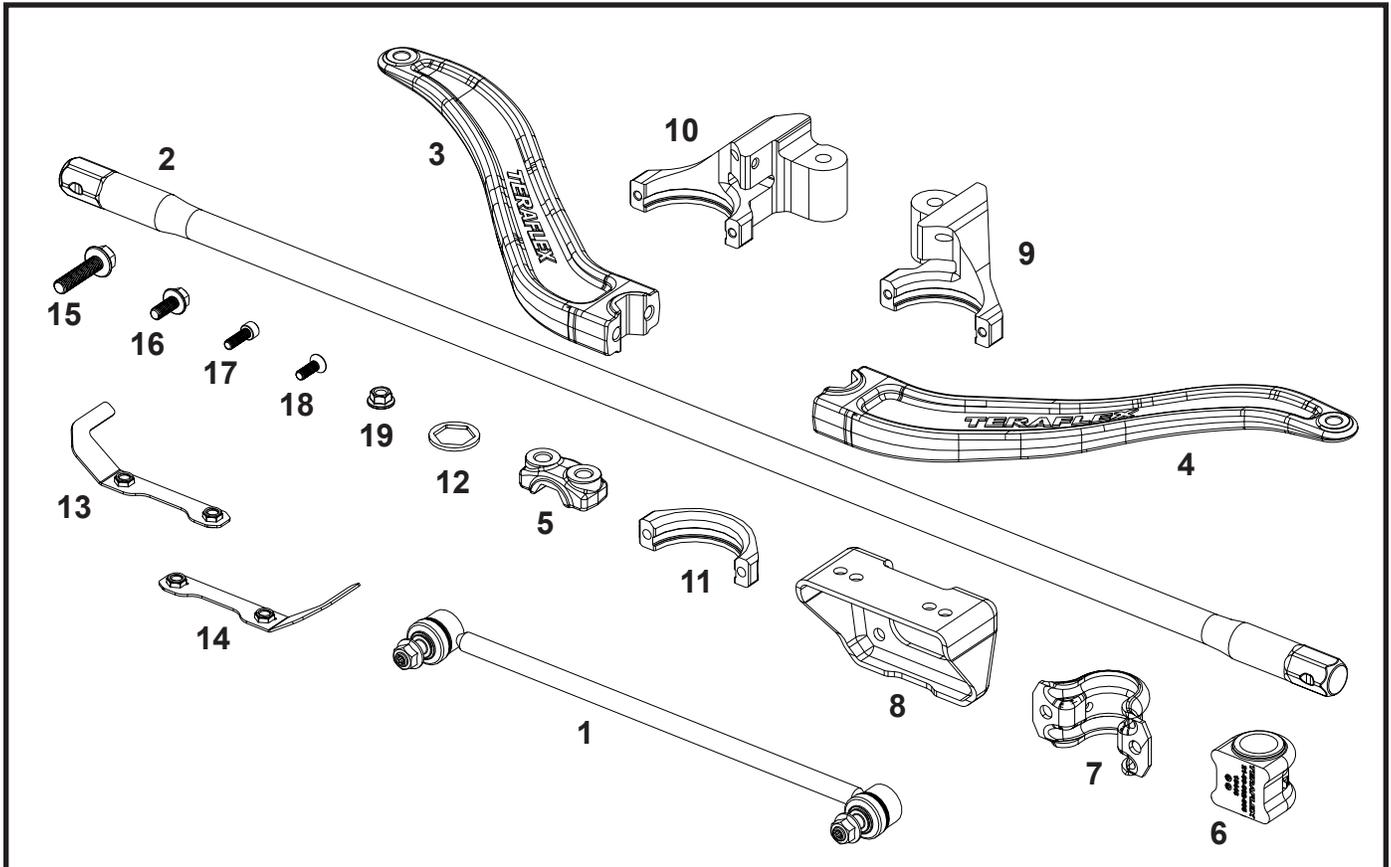
A MINIMUM 2.5" OF REAR BUMP STOP SPACERS ARE REQUIRED TO ENSURE PROPER CLEARANCE OF SUSPENSION COMPONENTS.

Tools Needed:

- Metric Sockets and Open End Wrenches
- Torque Wrench
- Factory Service Manual
- General Mechanics Tools

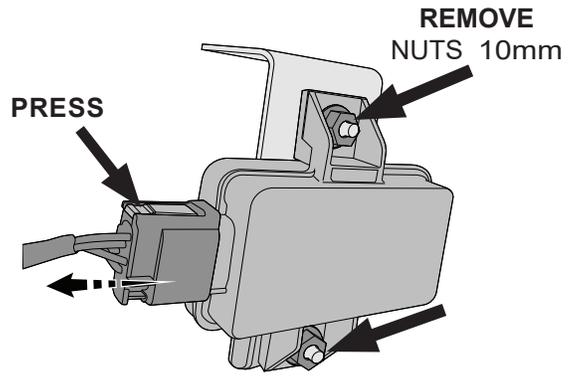
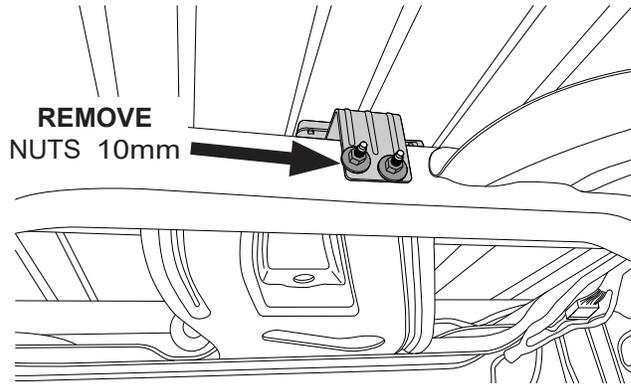
Maintenance Note:

After the first 300 miles and every 3,000 miles after that, re-torque all the suspension components and bolts.



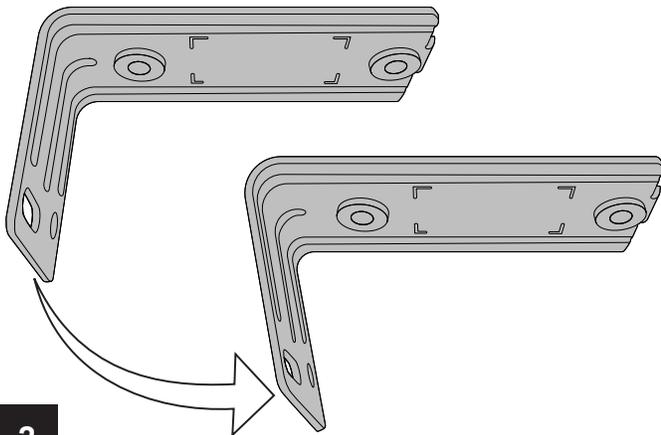
1774700 - JT Rear Trail Rate Forged S/T Swaybar Kit			
Item #	Part No.	Description	QTY
1	21-01-001-174	Sway Bar, Link, Swivel Stud, 17.38" Length C-C / Offset	2
2	21-03-002-001	Sway Bar, Trail Bar, Jeep JT Gladiator, Forged Sway Bar	1
3	21-03-002-002	Sway Bar, Trail Bar, Jeep JT Gladiator, Sway Bar Arm Driver	1
4	21-03-002-003	Sway Bar, Trail Bar, Jeep JT Gladiator, Sway Bar Arm Passenger	1
5	21-03-002-004	Sway Bar, Trail Bar, Jeep JT Gladiator, Sway Bar Arm Cap	2
6	21-03-002-005	Sway Bar, Trail Bar, Jeep JT Gladiator, Sway Bar Bushing	2
7	21-03-002-006	Sway Bar, Trail Bar, Jeep JT Gladiator, Metal Strap	2
8	21-03-002-007	Sway Bar, Trail Bar, Jeep JT Gladiator, Frame Mount Bracket	2
9	21-03-002-008	Sway Bar, Trail Bar, Jeep JT Gladiator, Axle Bracket / Passenger	1
10	21-03-002-009	Sway Bar, Trail Bar, Jeep JT Gladiator, Axle Bracket / Driver	1
11	21-03-002-010	Sway Bar, Trail Bar, Jeep JT Gladiator, Axle Bracket Clamp	2
12	21-03-002-011	Sway Bar, Trail Bar, Jeep JT Gladiator, Arm Spacer / Shim	2
13	47-03-002-009	Hardware, Flag Nut Assy, Steel / Zinc, M10 x 1.5 / Frame Bracket / Passenger	1
14	47-03-002-010	Hardware, Flag Nut Assy, Steel / Zinc, M10 x 1.5 / Frame Bracket / Driver	1
15	45-02-005-018	Hardware, Hex Flange Bolt, Alloy Steel, M12 x 1.75 x 50mm	4
16	45-02-005-019	Hardware, Hex Flange Bolt, Alloy Steel, M10 x 1.50 x 25mm	8
17	45-03-004-001	Hardware, Socket Cap Screw, Alloy Steel, M8 x 1.25 x 25mm	4
18	45-04-006-001	Hardware, Flat Socket Head Screw, Alloy Steel, M8 x 1.25 x 25mm	2
19	45-08-004-004	Hardware, Flange Top Lock Nut, Alloy Steel, M10 x 1.5	4

REMOVE SPARE TIRE AND REMOVE SENSOR BRACKET.



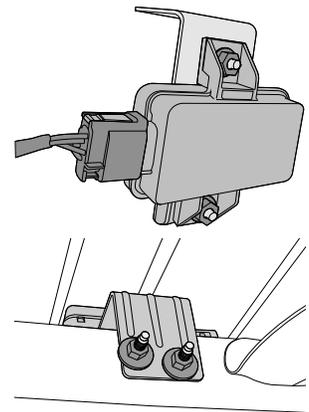
1

BEND BRACKET AND REINSTALL.



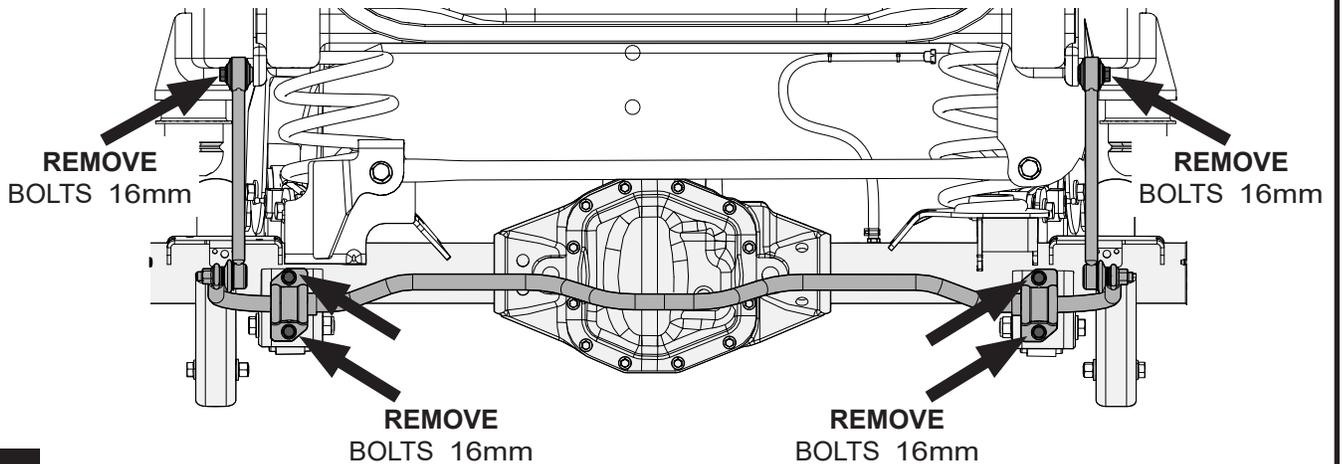
USE A VISE OR LARGE PLIERS TO BEND BRACKET.

REINSTALL SENSOR ONTO BRACKET AND REINSTALL BACK ON JEEP.



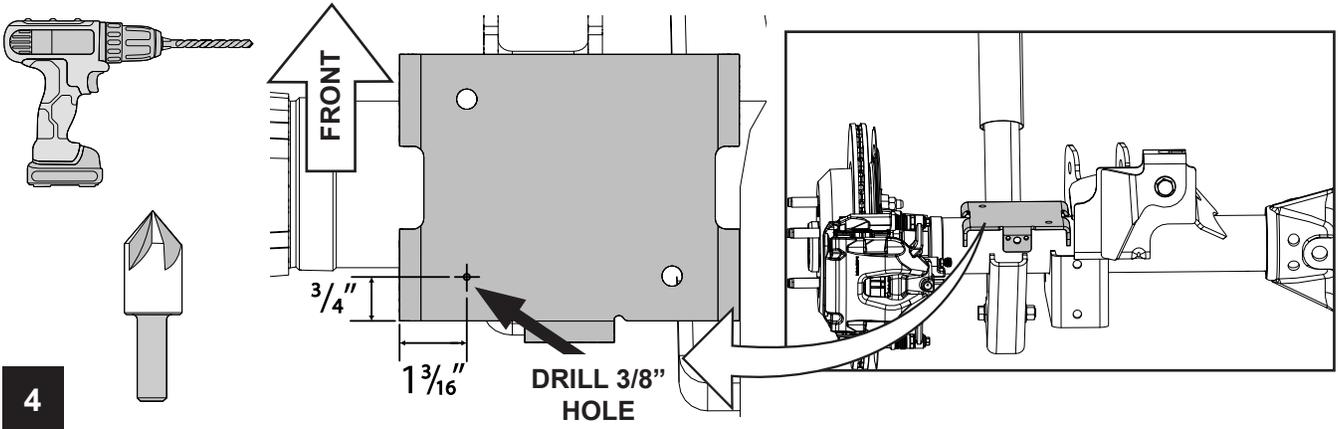
2

REMOVE REAR SWAYBAR FROM FRAME AND AXLE.

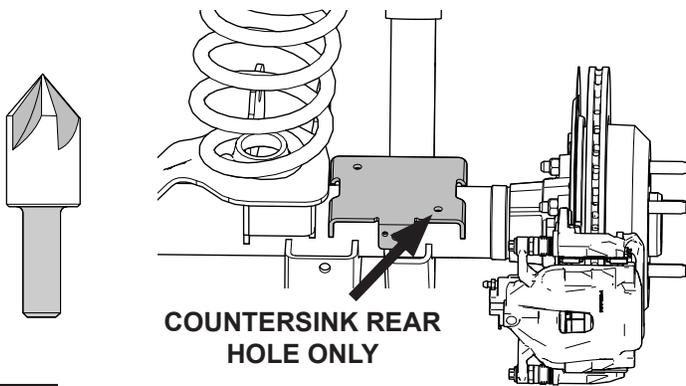


3

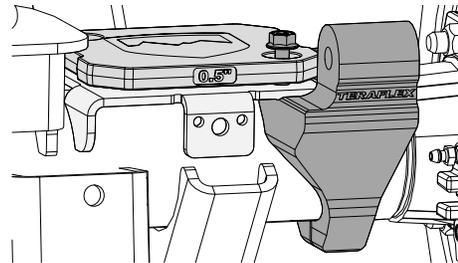
**DRILL 3/8" HOLE IN DRIVER SIDE LOWER BUMP STOP PAD.
COUNTERSINK DRILLED 3/8" HOLE.**



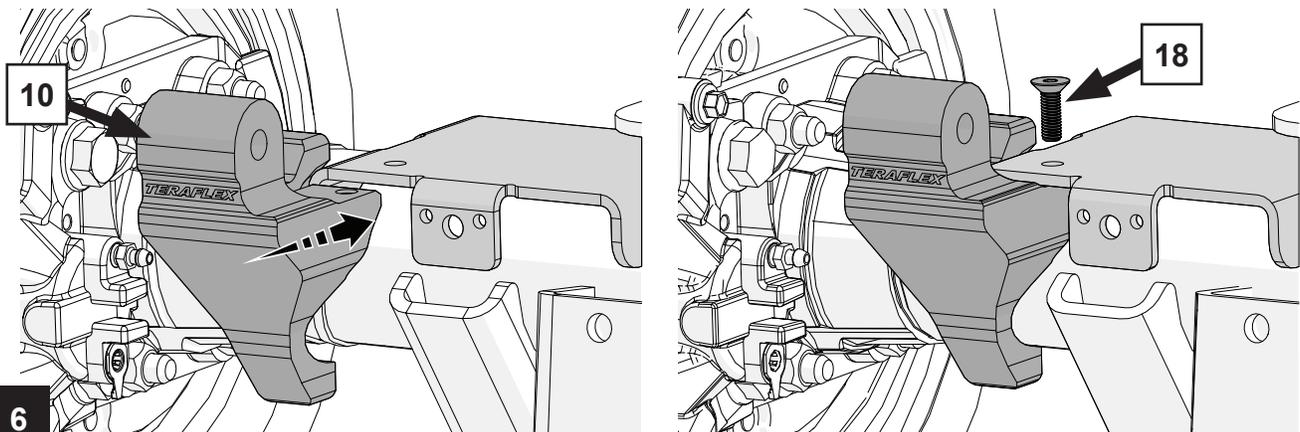
COUNTERSINK HOLE IN PASSENGER SIDE LOWER BUMP STOP PAD.



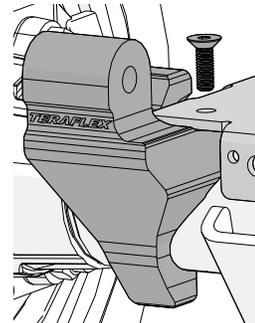
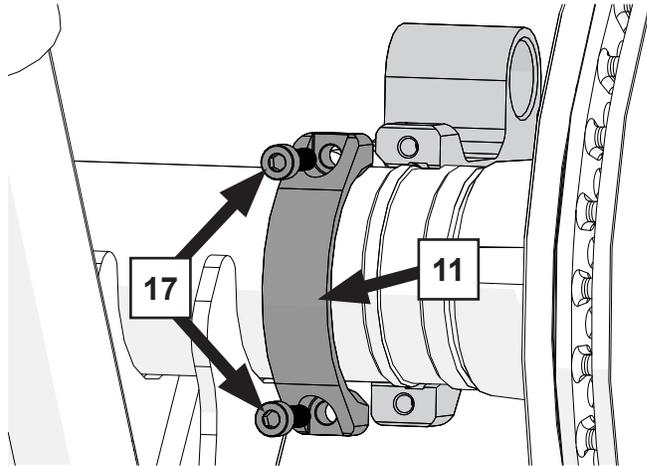
NOTE: IF USING TERAFLEX BUMPSTOP SPACERS THE PASSENGER SIDE HOLE WILL NOT NEED TO BE COUNTERSUNK AND BUMPSTOP M8 BOLT CAN BE USED IN PLACE OF PROVIDED M8 FLAT SOCKET HEAD BOLT INSTEAD.



LOOSELY INSTALL SWAYBAR AXLE BRACKETS WITH PROVIDED M8 FLAT SOCKET HEAD BOLTS.



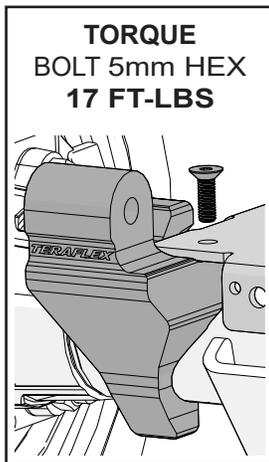
INSTALL AXLE CLAMPS WITH PROVIDED M8 SOCKET CAP BOLTS.



**HAND TIGHTEN
M8 SOCKET CAP
BOLTS AND M8
FLAT SOCKET
HEAD BOLT.**

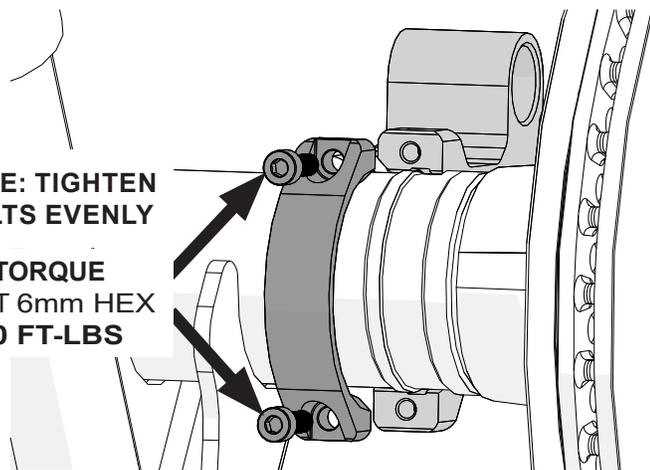
7

TORQUE M8 FLAT SOCKET HEAD BOLTS THEN TORQUE M8 SOCKET CAP BOLTS.



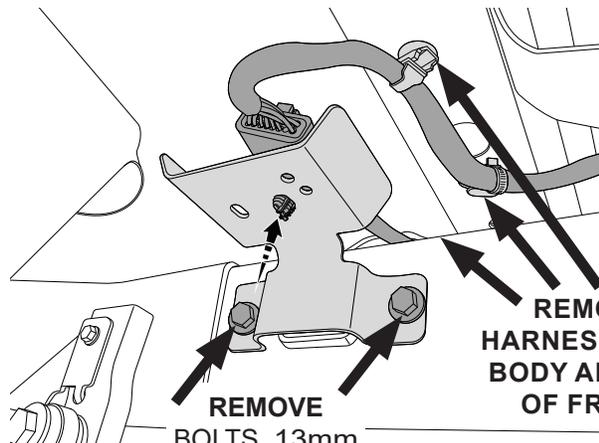
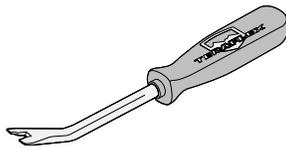
**NOTE: TIGHTEN
BOLTS EVENLY**

**TORQUE
BOLT 6mm HEX
30 FT-LBS**



8

**REMOVE WIRE HARNESS BRACKETS FROM FRAME AND
REMOVE PORTION OF WIRE HARNESS FROM BODY AND FRAME.**



**REMOVE
HARNESS FROM
BODY AND TOP
OF FRAME**

**REMOVE
BOLTS 13mm**

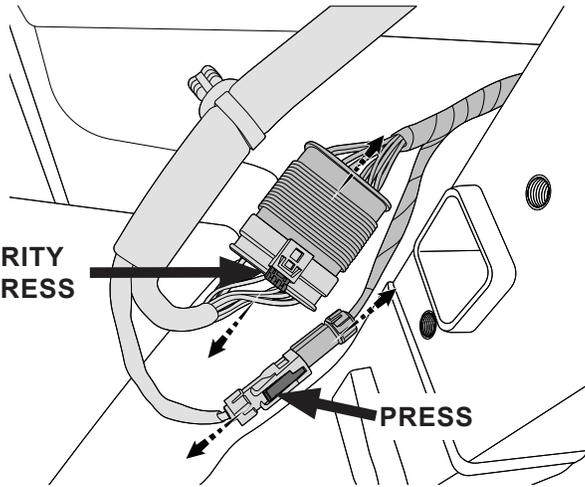
9

DISCONNECT WIRE HARNESSSES.

LIFT SECURITY CLIP AND PRESS

PRESS

10



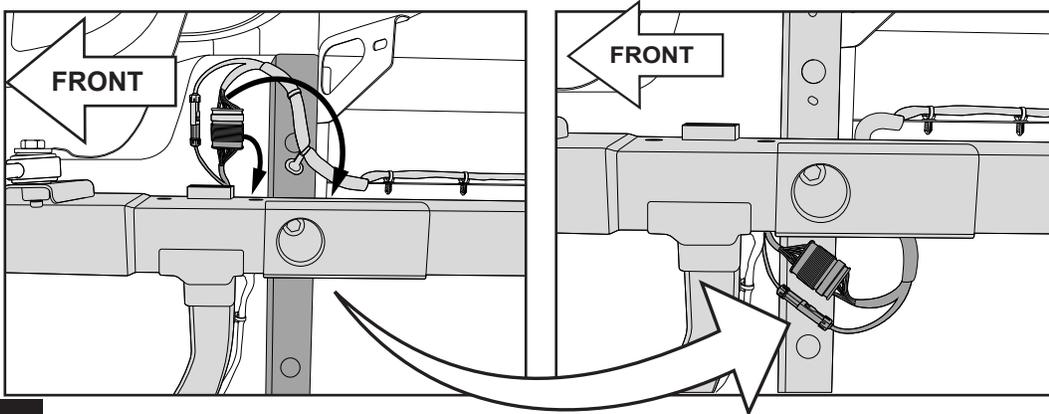
RELOCATE DRIVER AND PASSENGER SIDE WIRE HARNESSSES.

FRONT

FRONT

REROUTE WIRE HARNESS ON TO OTHER SIDE OF FRAME.

11

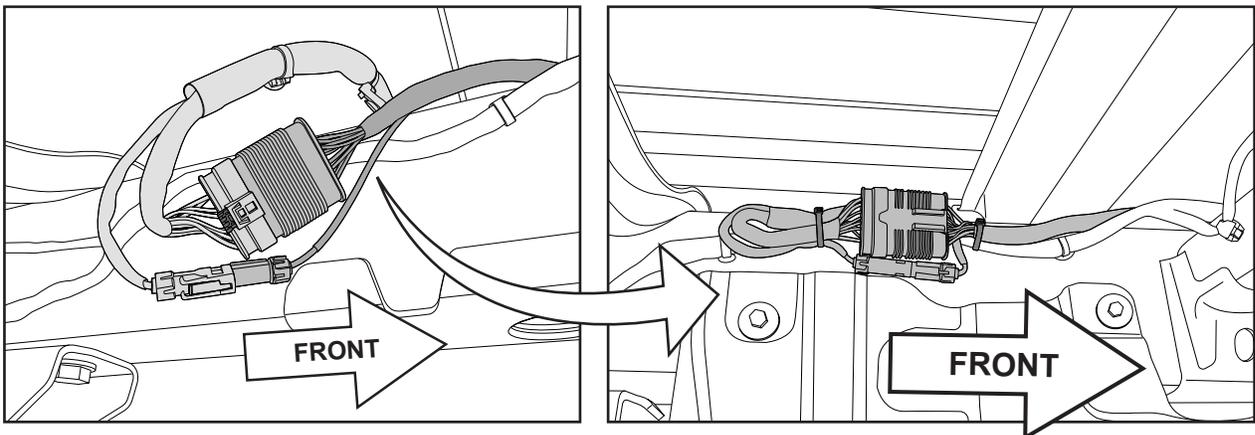


ZIP TIE LOOSE HARNESS TO HARNESS THAT IS ATTACHED TO FRAME.

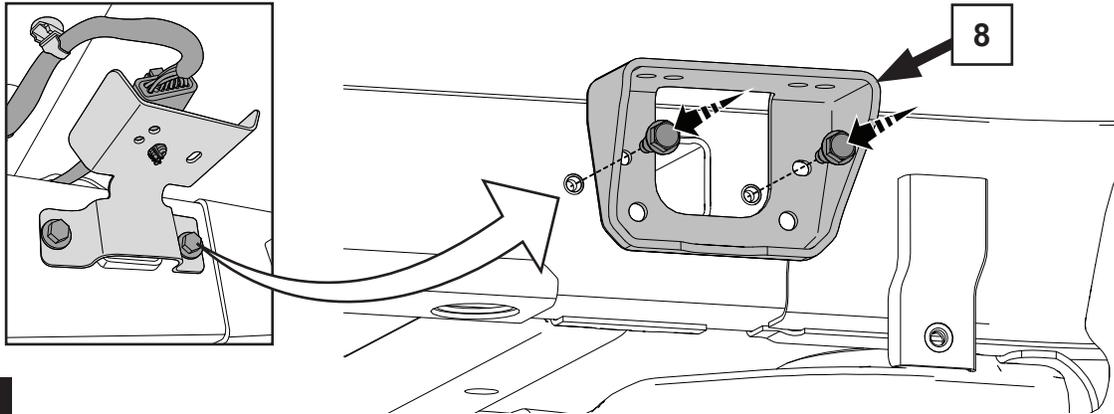
FRONT

FRONT

12

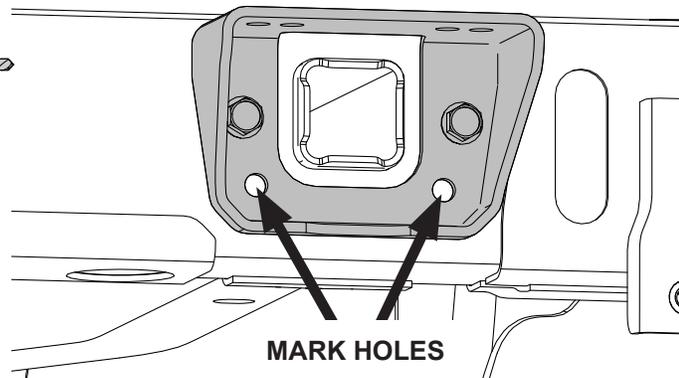
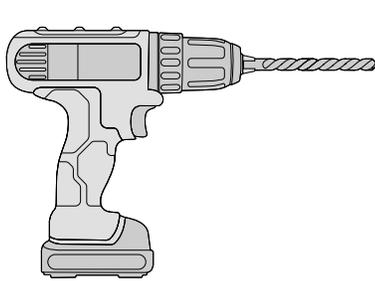


INSTALL FRAME MOUNT BRACKETS USING OEM BOLTS.



13

**MARK POSITION OF LOWER HOLES ON FRAME.
REMOVE BRACKET AND DRILL 7/16" HOLES IN FRAME.**

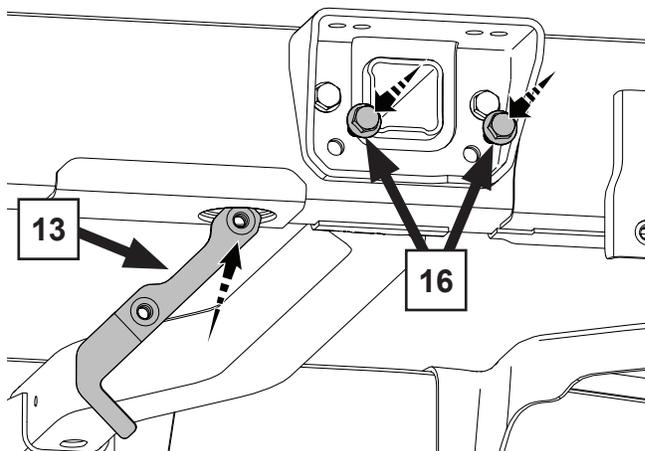


**DRILL TWO 7/16"
HOLES IN THE
FRAME.**

**REPEAT ON
DRIVER SIDE.**

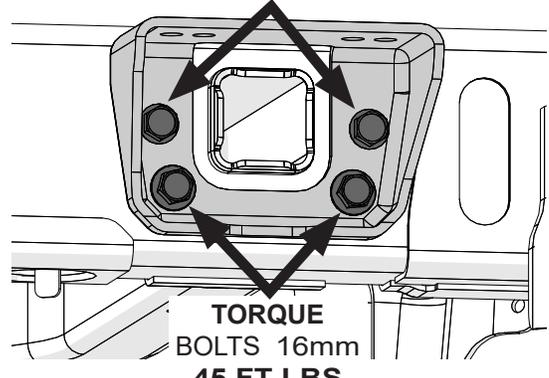
14

**REINSTALL DRIVER AND PASSENGER MOUNT BRACKET WITH OEM BOLTS.
INSTALL FLAG NUT ASSEMBLY IN FRAME AND INSTALL PROVIDED M10 BOLTS.**



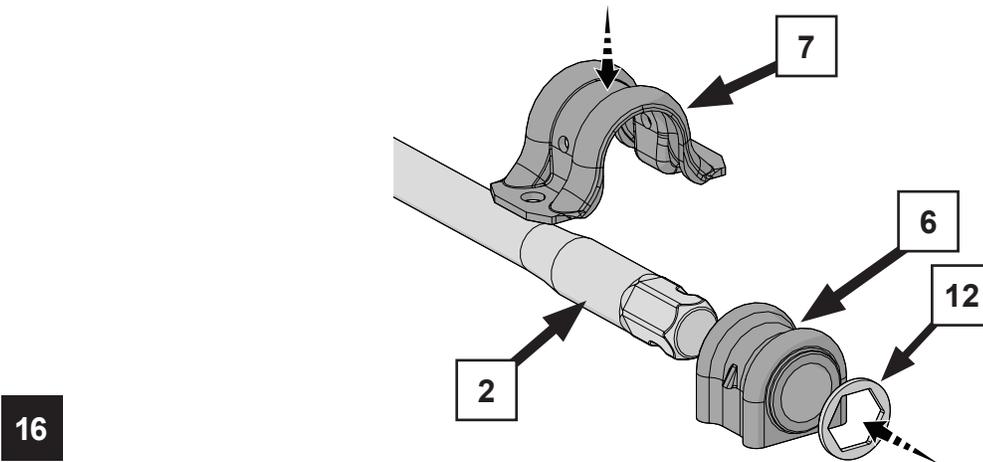
15

**TORQUE
BOLTS 13mm
25 FT-LBS**



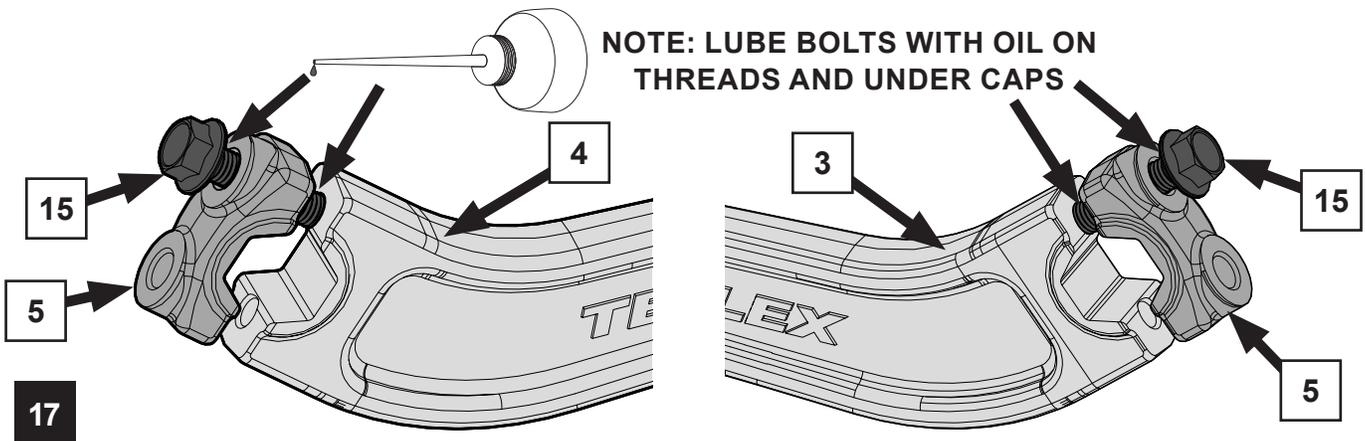
**TORQUE
BOLTS 16mm
45 FT-LBS**

INSTALL BUSHING, BUSHING STRAP AND SHIM ONTO ONE SIDE OF THE SWAYBAR.



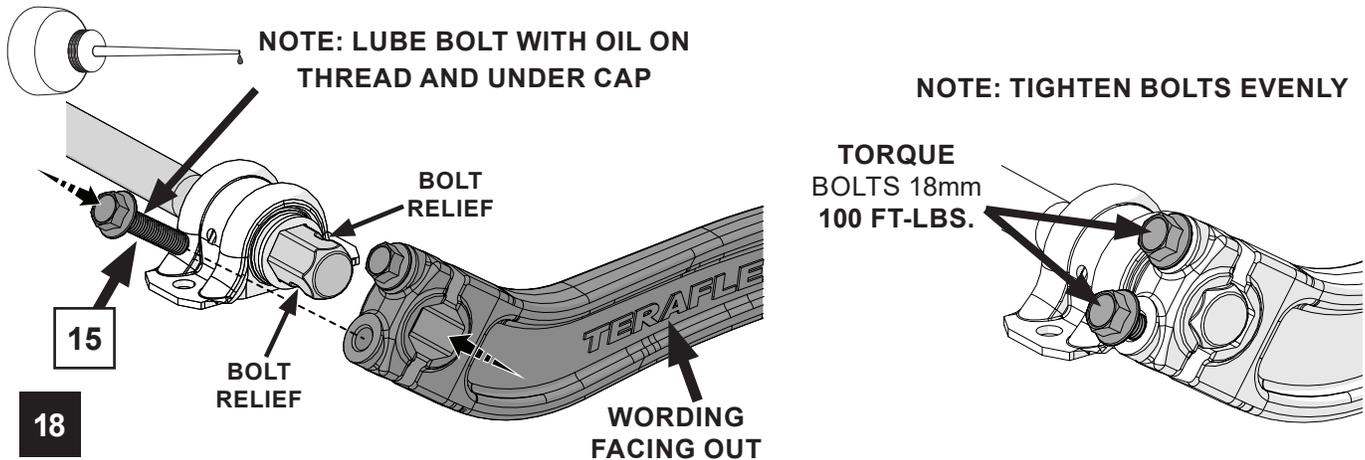
16

LOOSELY INSTALL CAPS ONTO PASSENGER AND DRIVER SIDE SWAYBAR ARMS WITH ONLY ONE M12 BOLT.



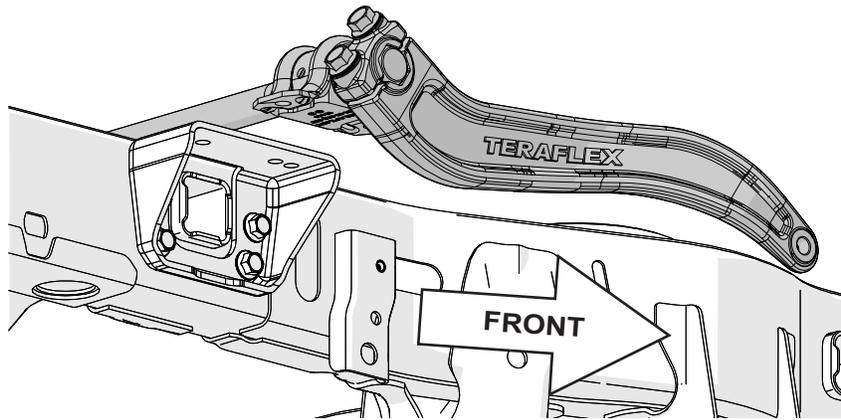
17

INSTALL PASSENGER SIDE ARM ONTO SWAYBAR WITH PROVIDED M12 BOLT AND TORQUE BOLTS.



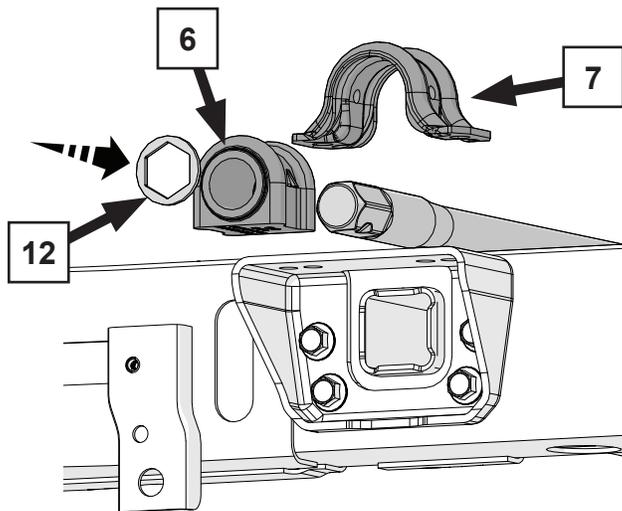
18

POSITION ASSEMBLED PORTION OF SWAYBAR OVER FRAME MOUNTS.



19

INSTALL BUSHING, BUSHING STRAP AND SHIM ONTO DRIVER SIDE OF SWAYBAR.

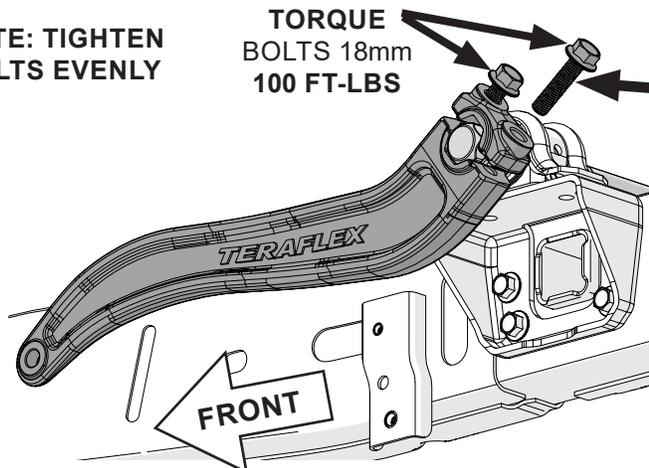


20

INSTALL DRIVER SIDE ARM ONTO SWAYBAR WITH PROVIDED M12 BOLT AND TORQUE BOLTS.

NOTE: TIGHTEN BOLTS EVENLY

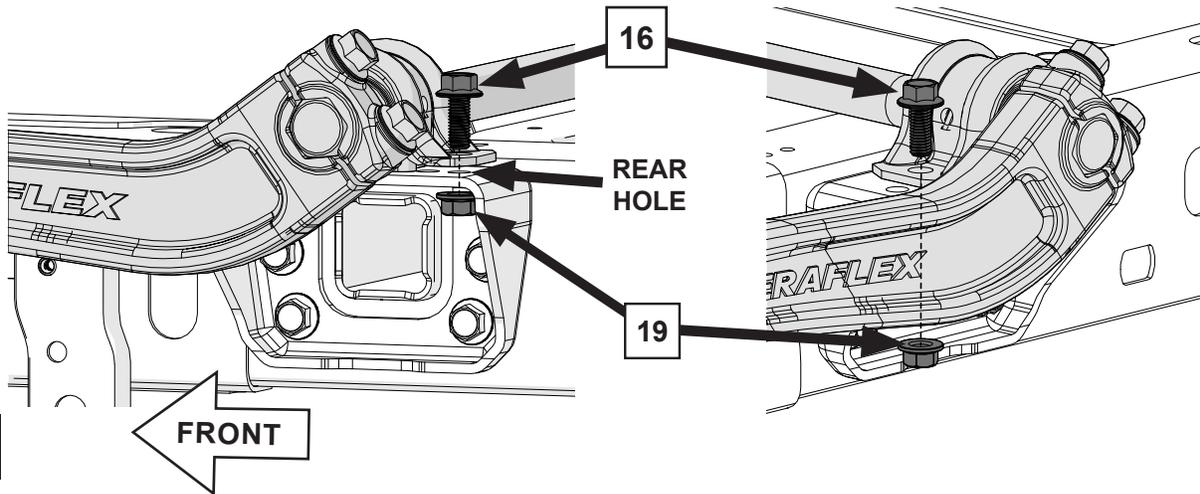
TORQUE BOLTS 18mm 100 FT-LBS



NOTE: LUBE BOLT WITH OIL ON THREAD AND UNDER CAP

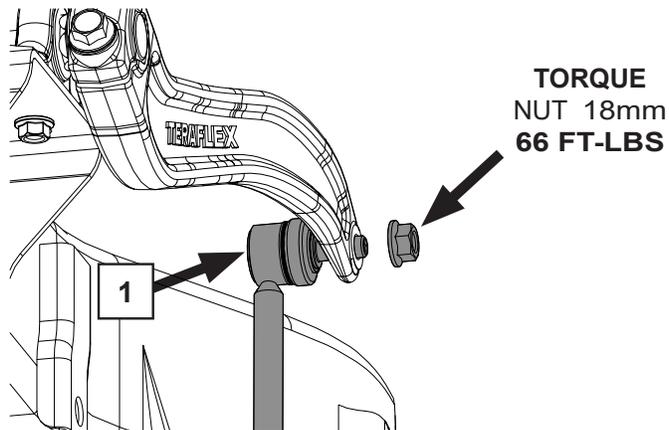
21

**LOOSELY INSTALL SWAYBAR BUSHING NUTS AND BOLTS.
REPEAT ON PASSENGER SIDE.**



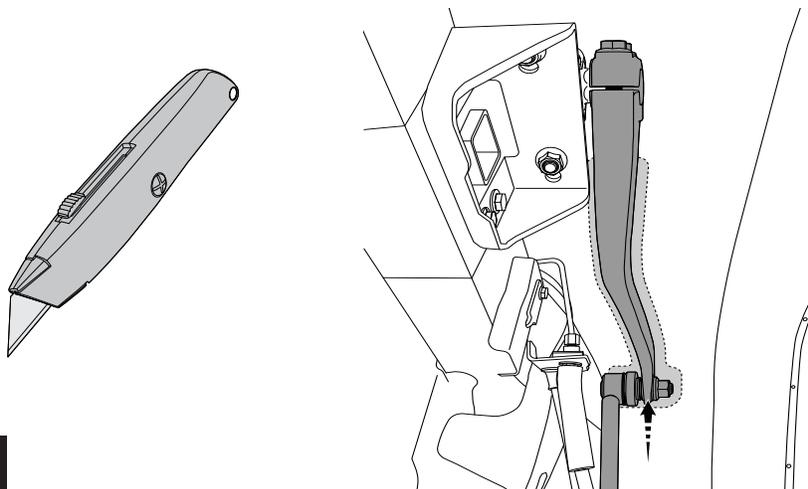
22

INSTALL SWAYBAR LINKS ONTO ARMS.



23

TRIM FENDER LINERS.



24

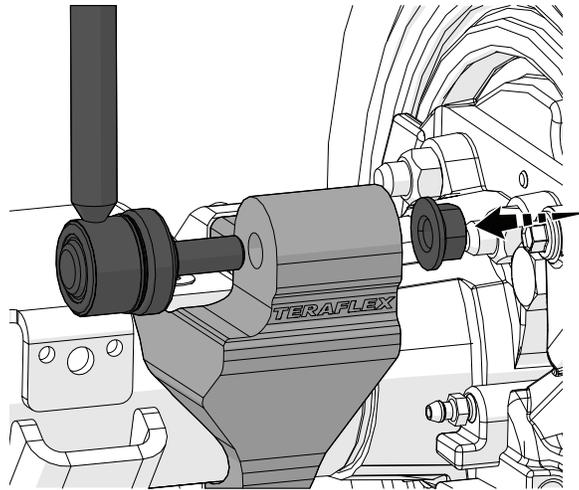
**SWING SWAYBAR
ARM UP INTO
FENDER LINER.**

**OUTLINE ARM AND
TOP OF LINK ONTO
FENDER LINER.**

**TRIM OUTLINED
SECTION.**

**REPEAT UNTIL ARM
CAN SWING FREELY
PAST FENDER LINER.**

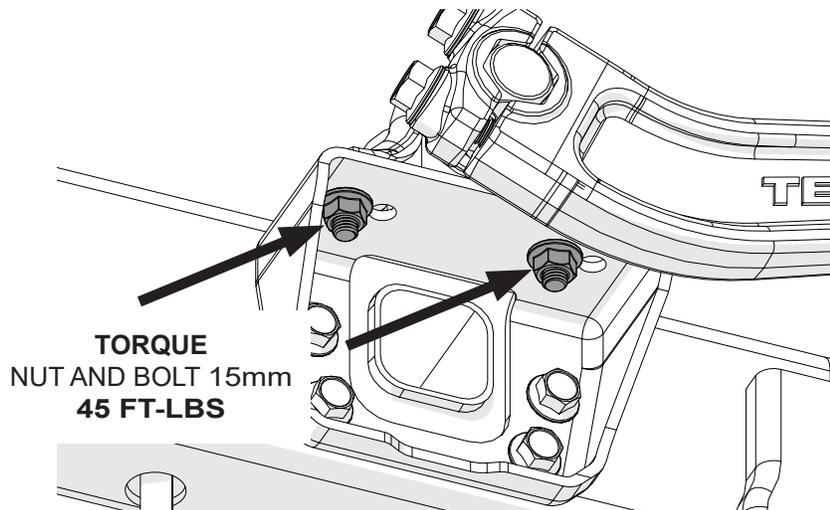
INSTALL SWAYBAR LINKS ONTO AXLE CLAMPS.



**TORQUE
NUT 18mm
66 FT-LBS**

25

TORQUE SWAYBAR BUSHING HARDWARE.



**TORQUE
NUT AND BOLT 15mm
45 FT-LBS**

26

TERAFLEX

PRODUCT INFORMATION

MAINTENANCE INFORMATION:

It is the buyer's responsibility to have all suspension, drivetrain, steering, and other components checked for proper tightness and torque after the first 100 miles and every 3000 miles after that.

NOTICE TO INSTALLER:

The enclosed "Warning to Driver" sticker must be installed in the vehicle in driver's view. This sticker is to act as a constant safety reminder when operating the vehicle. It is your responsibility as the equipment installer to install the provided sticker and to forward the product instructions to the vehicle's owner for review. If a "Warning to Driver" sticker or product installation guide were not included in the kit, FREE replacement stickers and instructions are available by request. It is the installer's duty to ensure a safe and controllable vehicle after the modifications have been performed.

WARNING:

Neither the seller nor the manufacturer will be liable for any loss, damage, or injury directly or indirectly arising from the use of or inability to determine the use of these products. Before using, the user shall determine the suitability of the products for its intended use, and the user shall assume all responsibility and risk in connection therewith.

WARNING TO DRIVER:

This vehicle has been modified to enhance off road performance and has unique handling characteristics. Use in harsh environments can cause extreme stress on the components. Vehicle should be inspected after being off road to make sure that all the components are in working order and safe to travel on the highway. All fasteners should be checked so that they are at the correct torque specifications as the vibration and stresses from off roading may cause critical fasteners to work loose. Extra care should be taken to inspect the critical components, steering, and brake systems. During each oil change components such as arms, tie rod ends, etc should be greased and checked for excessive wear. Any worn components should be replaced. When returning to the pavement always set or restore tire air pressure to the factory recommendation and connect or engage any disabled sway bar mechanisms. Because of the higher center of gravity and larger tires, this vehicle handles and reacts differently than many passenger cars, both on and off road. You must drive it safely! Extreme care should be taken to prevent vehicle rollover or loss of control, which can result in serious injury or death. Avoid sudden sharp turns or abrupt maneuvers. Generally, braking performance and capabilities are decreased when significantly larger/heavier tires are used, especially when used in combination with transfer case low-range reduction kits. Take this into consideration while driving. Do not add, alter or fabricate any factory or aftermarket parts to increase vehicle height over the intended height of the TeraFlex product purchased. Mixing component brand is not recommended. TeraFlex Inc. will not be responsible for any altered product or any improper installation or use of our products. We will be happy to answer any questions concerning the design, function, and correct use of our products. It is ultimately the buyer's responsibility to have all bolts/nuts checked for tightness after the first 100 miles and then every 3000 miles. Wheel alignment, steering system, suspension and drive line systems must be inspected by a qualified professional mechanic at least every 3000 miles.

TERAFLEX PRODUCT WARRANTY:

TeraFlex Inc. warrants TeraFlex Suspension products to the original retail purchaser to be free of defects in material and workmanship for as long as the original purchaser owns the vehicle on which products were originally installed.

Failure to complete regular maintenance (grease every 3000 miles) on TeraFlex FlexArms will void this warranty. All other conditions of the standard TeraFlex product warranty apply.

All TeraLow products are covered by the TeraFlex two (2) year warranty to be free of defects in material and workmanship for two years from date purchased.

TeraFlex axles are covered by a 12-month warranty to be free of defects in materials and workmanship.

This warranty does not cover or include product finish, improperly installed or applied products, improperly maintained products, products or components used for racing or competition or damage due to abuse or neglect, products that fail due to the use of larger tire and wheel combinations.

All returns must be accompanied by an original invoice. It is the customer's responsibility to remove the product from the vehicle. Shipping charges are the responsibility of the customer. TeraFlex Inc. will pay the return freight if the product meets the terms of warranty.

This warranty is for the replacement or repair of defective TeraFlex products only and does not include freight charges, labor charges for removal of or installation of TeraFlex or related products or components, costs incurred due to down time of the vehicle, or lost profits due to vehicle down time.

A returned goods authorization number (RGA#) must accompany any returned products. For more information please contact a TeraFlex customer service representative.

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