

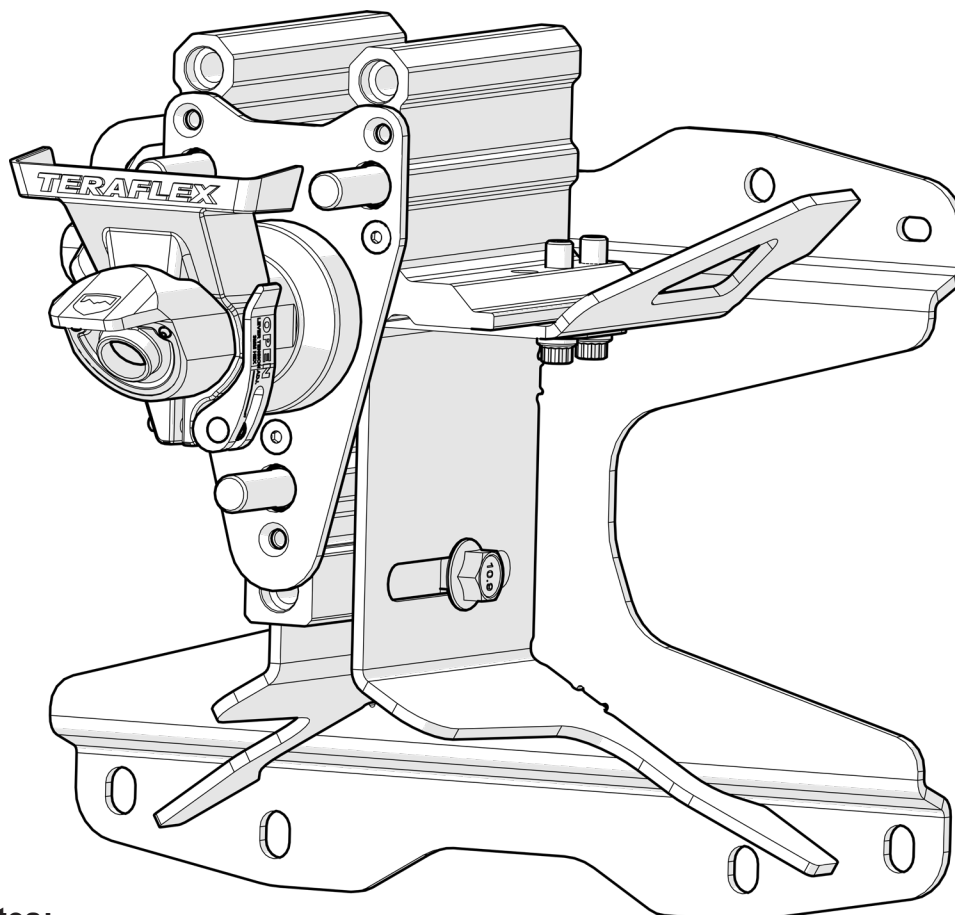


JL Adjustable Spare Tire Mounting Kit

www.TERAFLEX.com

4838910

4838940



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.

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.

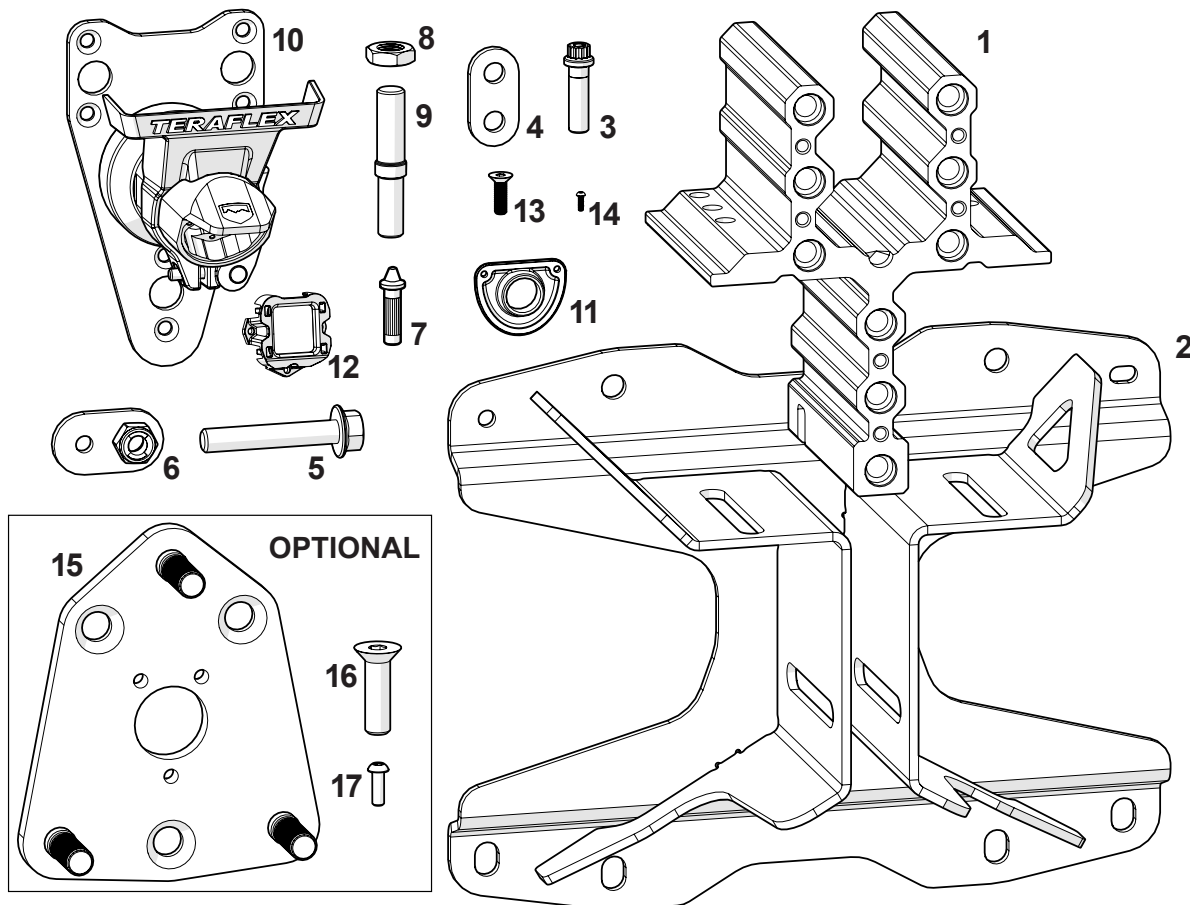
Max Tire: 39" (when used with tailgate reinforcement)

Max Tire: 100 Lbs (when used with factory tailgate and no reinforcement)

Tools Needed:

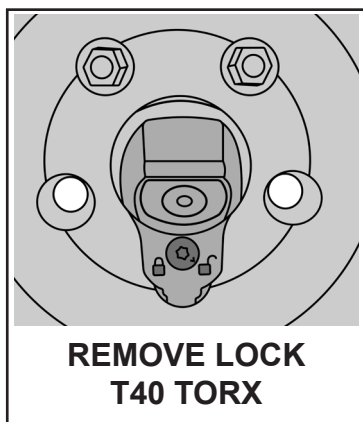
- Metric Sockets and Open End Wrenches
- Torque Wrench

- Factory Service Manual
- General Mechanics Tools



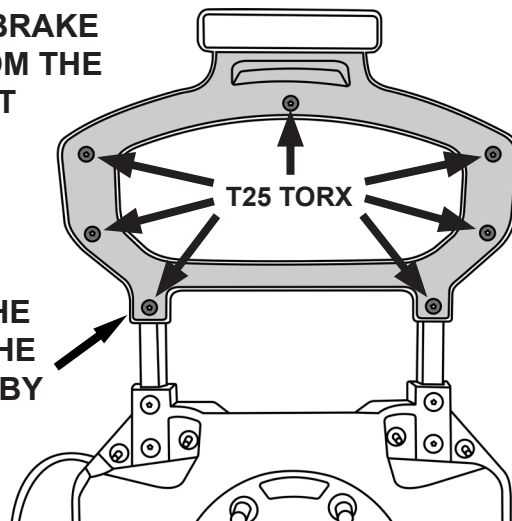
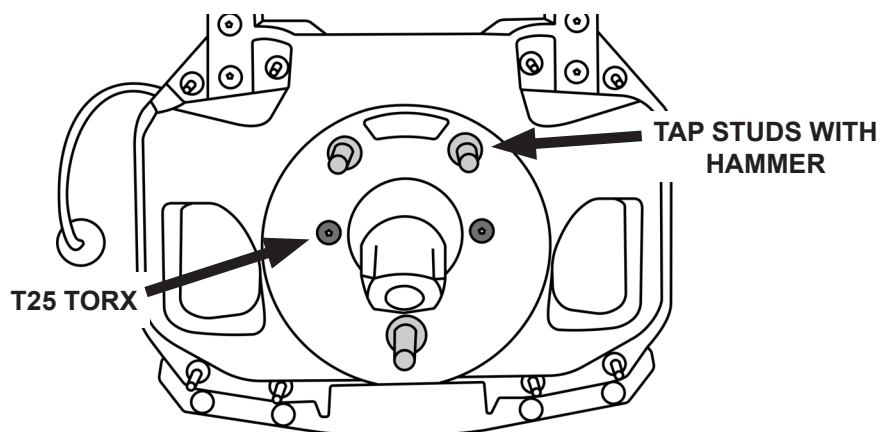
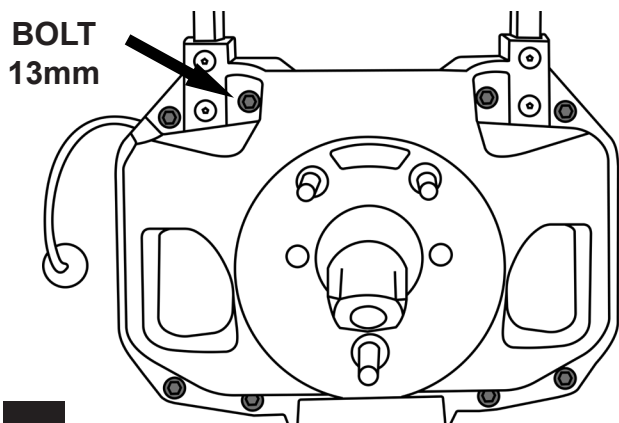
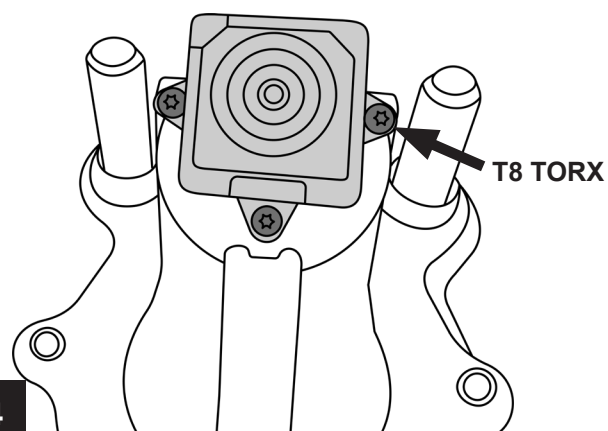
Item #	Part No.	Description	QTY
	4838910	JL Adjustable Spare Tire Kit	
1	15-08-001-001	Tire Carrier, Wheel Mount	1
2	15-10-009-004	Tire Carrier, Main Plate	1
3	14-1-01-001-1	12 Point Bolt, M10 X 1.25 X 35mm	4
4	15-10-009-005	Tire Carrier, Bolt Plate	2
5	45-02-003-018	Hex Flange Bolt, M12 x 1.75 x 60mm	1
6	15-10-009-008	Tire Carrier, Nut Plate	1
	5098	JL Spare Tire Mount Hardware Pack	
7	242001	Turbo-Lock Blue Thread Locker	1
8	52-06-02-004	Jam Nut, M14 x 1.5	2
9	47-04-001-001	Stud, 1/2-20 Threads / M14 X 1.5 Threads	3
10	4997330	JL 3rd Brake Light / Camera Mount Kit	1
11	36-05-001-003	Backup Camera / Trim Ring	1
12	36-05-001-004	Accessory, Mount, Jeep JL Wrangler, Camera Adapter	1
13	45-04-003-003	Flat Socket Cap Screw, M6 x 1.0 x 20mm	3
14	45-05-005-001	Button Socket Cap Screw, M2.5 x .45 x 8mm	5

	Optional - 4838930	8 - Lug Tire Carrier Conversion Kit	
15	90-99-14-300-001	JL 8 - Lug Conversion, Tire Carrier	1
16	45-04-004-003	Flat Socket Cap Screw, 1/2 - 20 x 1.75"	3
17	52-09-01-001	Button Head, Stainless, M6 X 1.0 X 18mm	3

REMOVE THE SPARE TIRE AND BRAKE LIGHT COVER

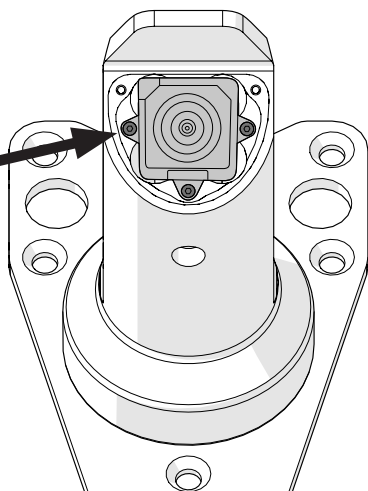
**DISCONNECT THE BRAKE
LIGHT CABLE FROM THE
BRAKE LIGHT**

**STARTING AT THE
BOTTOM, PRY THE
PLASTIC APART BY
HAND**

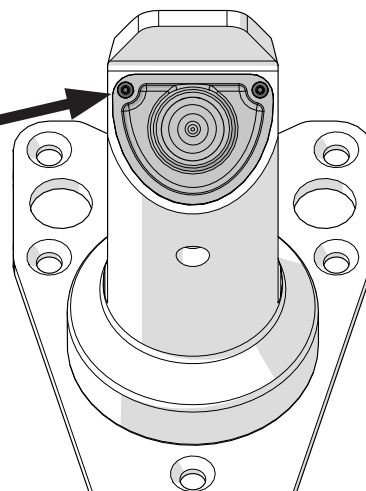
**1****REMOVE THE TWO CAMERA HOUSING SCREWS AND TAP THE WHEEL STUDS WITH A HAMMER TO LOOSEN THE CAMERA FROM THE TIRE CARRIER****2****REMOVE THE TIRE CARRIER FROM
THE TAILGATE****3****DISCONNECT THE CAMERA CABLE****REMOVE THE CAMERA FROM
THE HOUSING****4**

INSTALL THE CAMERA IN NEW MOUNT AND INSTALL CAMERA COVER

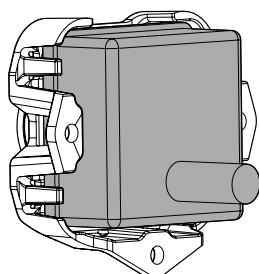
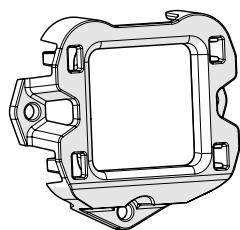
**TORQUE
8 IN-LBS
SCREW
1.5mm HEX**



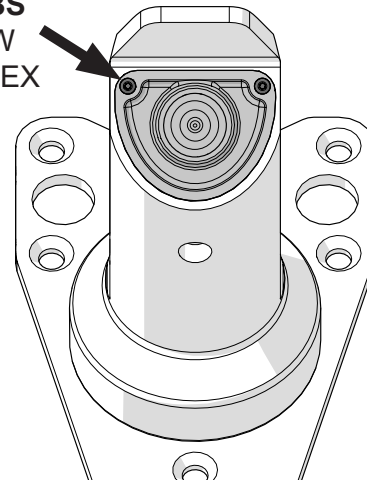
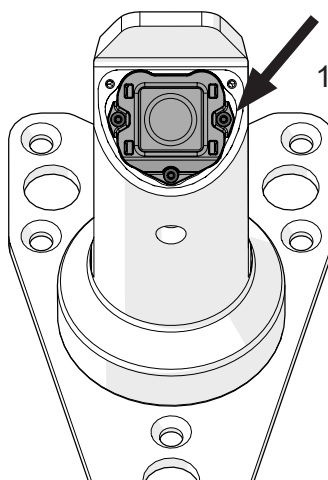
**TORQUE
8 IN-LBS
SCREW
1.5mm HEX**



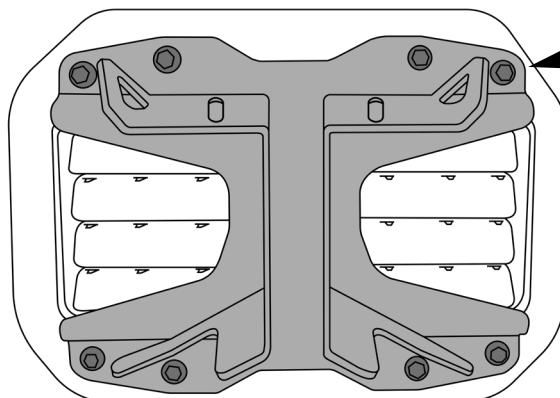
**NOTE: SOME 2020 MODELS AND NEWER WILL NEED TO USE
PROVIDED CAMERA ADAPTER**



**TORQUE
8 IN-LBS
SCREW
1.5mm HEX**

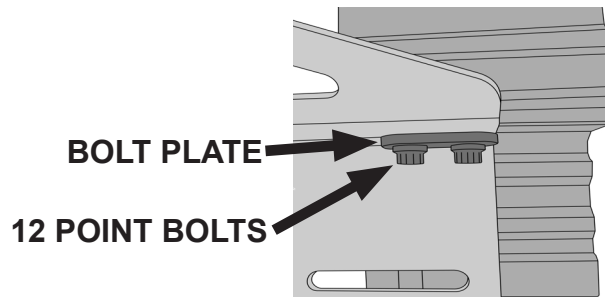
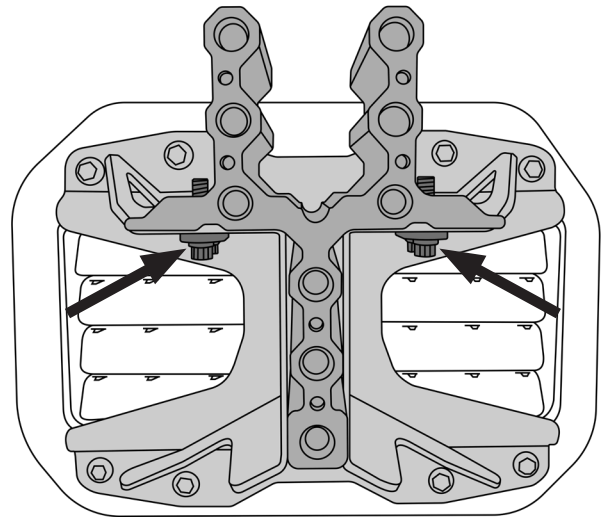
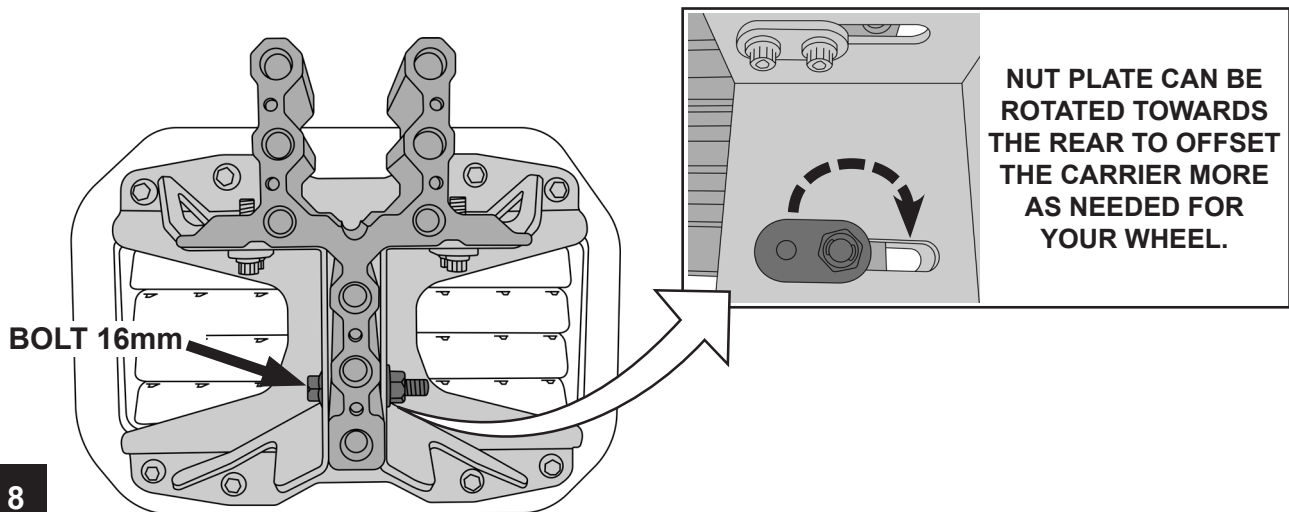
**5****INSTALL TIRE CARRIER MAIN PLATE ONTO TAILGATE USING THE STOCK HARDWARE**

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

**6**

LOOSELY INSTALL THE WHEEL MOUNT ONTO THE MAIN PLATE

LOOSELY INSTALL PROVIDED M10 12 POINT BOLTS WITH BOLT PLATE INTO TWO OF THE THREADED HOLES IN THE WHEEL MOUNT. THIS CAN BE CHANGED LATER IF MORE OR LESS OFFSET IS NEEDED FOR YOUR WHEEL.

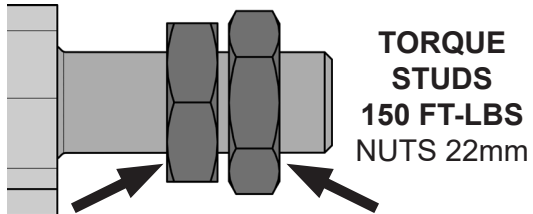
**7****LOOSELY INSTALL THE WHEEL MOUNT LOWER BOLT AND NUT PLATE****8**

NOTE: IF INSTALLING THE 8-LUG CONVERSION SKIP TO STEP 11 NOW

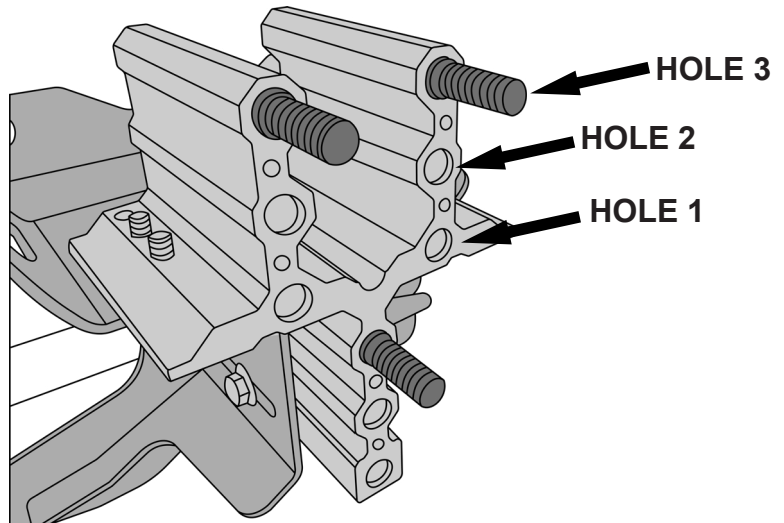
NOTE: STEPS 9 & 10 ARE FOR 5-LUG WHEELS

APPLY THREAD LOCKER TO STUDS AND INSTALL STUDS INTO TIRE CARRIER

USE THE PROVIDED JAM NUTS TO TIGHTEN STUDS.



TIGHTEN THE TWO JAM NUTS AGAINST EACH OTHER THEN USE THE OUTER NUT TO TORQUE THE STUD INTO THE CARRIER

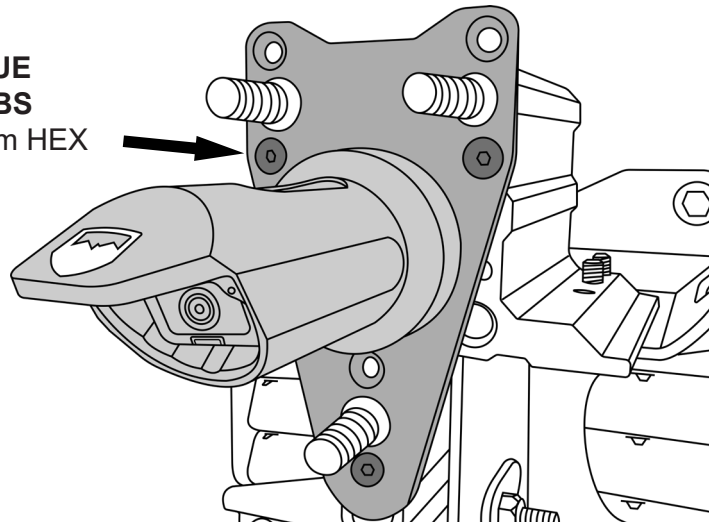


OEM METAL BUMPER	PLASTIC BUMPER
1- N/A	1-STOCK-33"
2-STOCK-35"	2- 34"-36"
3- 36"-38"	3- 37"-39"

9

INSTALL THE CAMERA HOUSING ONTO THE TIRE CARRIER

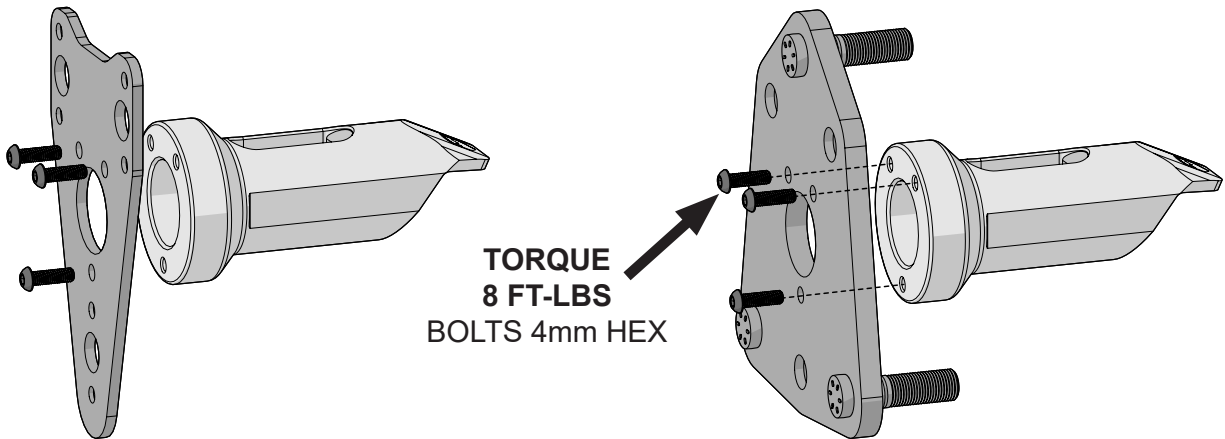
**TORQUE
8 FT-LBS
BOLTS 4mm HEX**



10

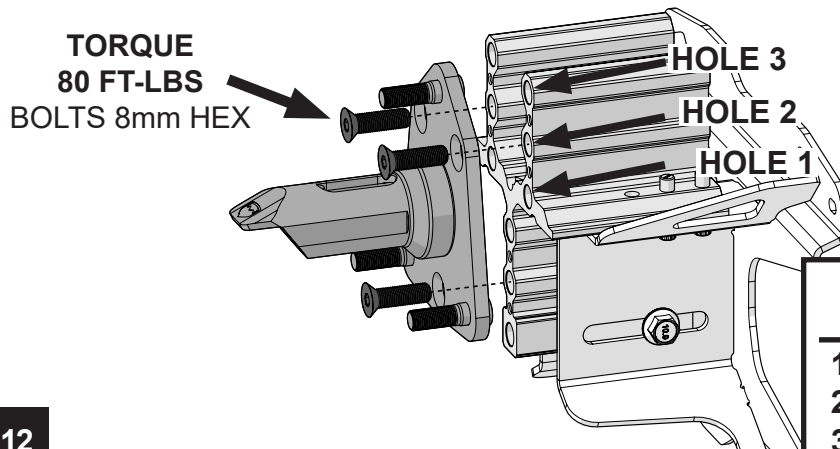
NOTE: SKIP TO STEP 13 NOW

NOTE: STEPS 11 & 12 ARE FOR 8-LUG WHEEL CONVERSION
REMOVE CAMERA HOUSING FROM BACKING PLATE AND
INSTALL ONTO 8-LUG CONVERSION PLATE



11

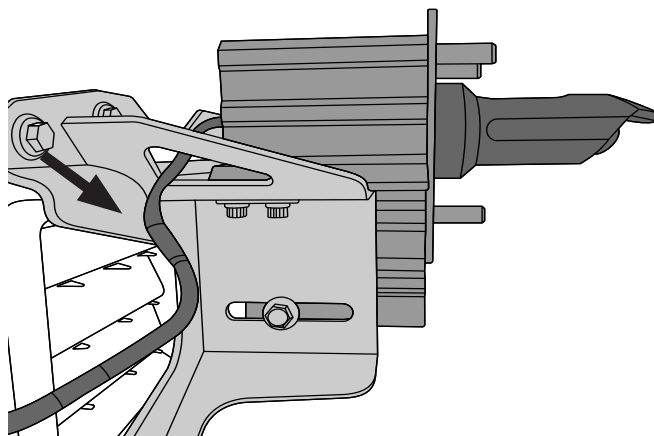
APPLY THREAD LOCKER TO BOLTS AND INSTALL CONVERSION PLATE



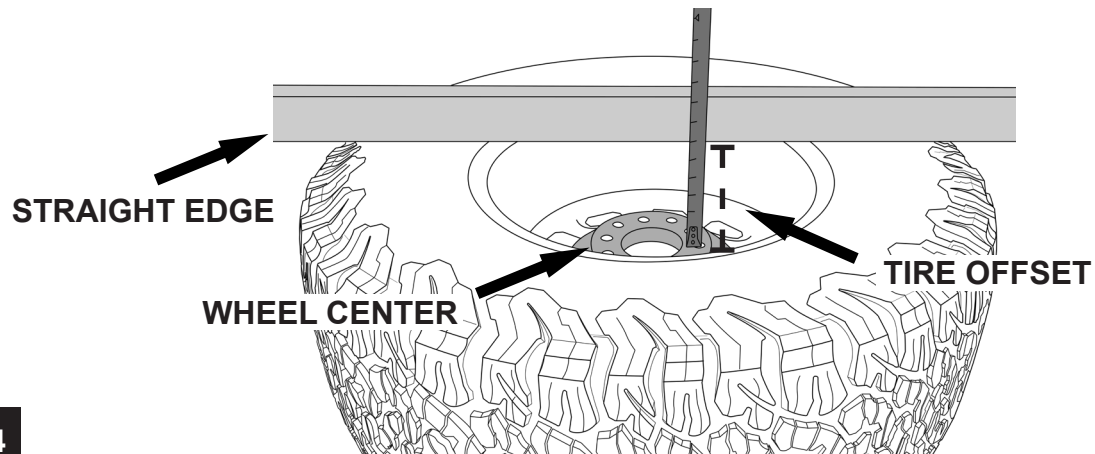
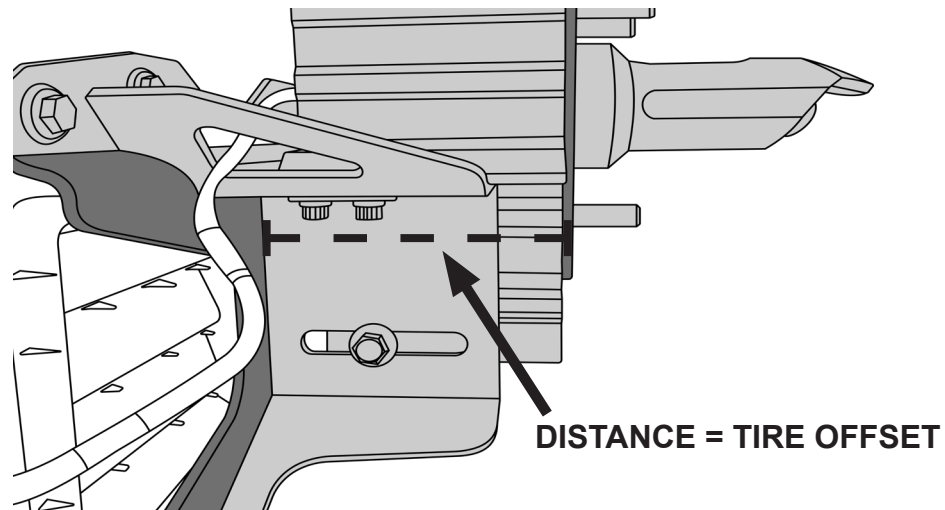
12

OEM METAL BUMPER	PLASTIC BUMPER
1- N/A	1-STOCK-33"
2-STOCK-35"	2- 34"-36"
3- 36"-38"	3- 37"-39"

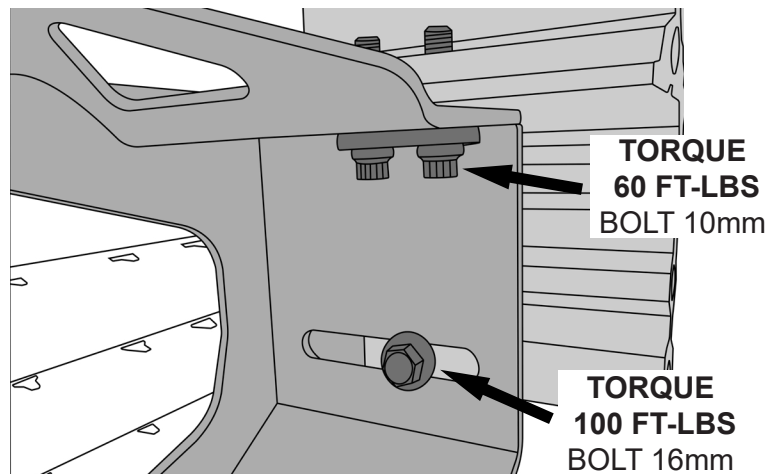
ROUTE THE CAMERA AND BRAKE CABLE THROUGH THE MAIN PLATE AND HOUSING
AND HOOK UP CAMERA

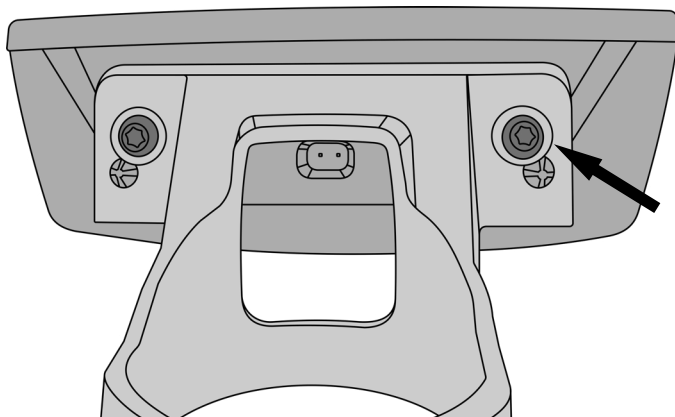


13

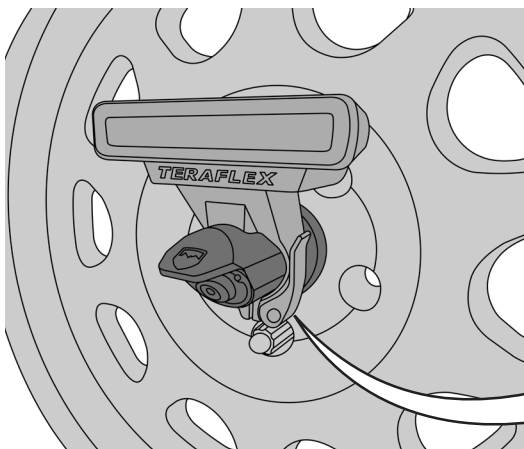
MEASURE THE TIRE OFFSET**14****SET THE TIRE CARRIER OFFSET****15****TORQUE THE SET BOLTS AND INSTALL THE SPARE TIRE AND TORQUE TO 90 FT-LBS**

NOTE: TRIM THE SPARE TIRE BUMP PADS IF NECESSARY

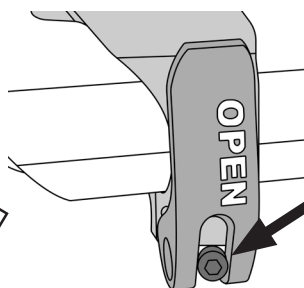
**16**

INSTALL THE 3RD BRAKE LIGHT TO THE MOUNT USING THE FACTORY HARDWARE

**TORQUE
2 FT-LBS
TORX T25**

17**RECONNECT THE BRAKE LIGHT AND INSTALL BRAKE LIGHT ONTO THE HOUSING**

**CLOSE CAM LEVER AND TORQUE THE
CAM SCREW TO 20 IN LBS.**



**TORQUE
20 IN-LBS
3mm HEX**

18

**RETORQUE ALL HARDWARE AFTER THE FIRST 300 MILES AND
EVERY 3,000 MILES AFTERWARDS.**

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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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