

JK Rear Trail Bar Parts List.

1754700

1754705

JK Rear Trail Rate

Item ID	Item Name	Quantity
35	Lock Washer 1/2"	8
75	Bolt 1/4"-20 x 3/4"	1
104	Nut 3/8"-24 Serrated	4
123	Lock Washer 3/8"	4
134	Washer 7/16"	4
214	Nut 1/2"-13 Stover	2
239	Bolt 1/2"-20 x 2" Grade 8	2
261	Bolt 1/2"-13 x 2.5"	2
308	Zerk 1/4-28	4
1001	Bolt 3/8"-24 x 3/4"	2
97514	Lock Washer 3/8" Lock	2
600991	Bolt 3/8"-24 x 1.5" GRADE 8	4
753304	Forged Swaybar : Endcap	2
753316	Forged Swaybar: Small Torsion Bar	1
753318	Forged Swaybar: Plain Long Arm	1
753319	Forged Swaybar: Plain Long Arm	1
753327	Forged Swaybar: Bushing for Small Diameter Bar	2
754300	Swaybar Link 12.25"	2
754410	Swaybar Link 14.75"	2
754720	JK Rear Forged Swaybar Bracket Driver Side	1
754721	JK Rear Forged Swaybar Bracket Passenger Side	1

This part list is for both kits.(1754700,1754705) The difference is the length of the sway bar links.

1. Raise the vehicle and support the frame with jack stands.
2. Remove the rear wheels.
3. Remove the sway bar links at the axle using a 18mm socket and wrench.



4. Remove the sway bar mounts at the frame using a 16mm socket.



5. Remove the sway bar assembly from the vehicle by rotating the sway bar around the exhaust.
6. Install the bushings into the sway bar mounts.



7. Install the new sway bar mounts using the factory bolts. Leave the bolts loose at this time.



8. Insert the trail bar into the bushings.



9. Slide the arms onto the shaft with the bends going away from the frame. Use a paint pen or scribe tool to mark where to trim out the pinch weld.



10. Using a body saw, die grinder with a burr bit or grinder, remove the material that was marked out. Reinstall the sway bar arm with the supplied bolt and nut and make sure you have enough clearance.



11. Once you have enough clearance grind everything smooth and paint all the raw areas.



12. Align the sway bar mounts. Leave about 1/8" gap from the body to the mount. Torque the sway bar mount bolts to 45 Ft-lbs.
13. Install the arms onto the shaft with the arms bending away from the frame. Make sure that you have the same amount of shaft in each arm. The shaft should be about 1/8" in on the arms.



14. Install the end cap using blue thread locker and a 9/16 socket. Torque to 20 Ft-lbs.



15. Install the grade 8 bolts with the lock washer into the sway bar arms, followed by the serrated nut. Using a 9/16 socket and wrench, torque the sway bar pinch bolts to 50 Ft-lbs.



16. Install the sway bar links on the inside of the sway bar arm. Install them in this order. Use the supplied 1/2x20 bolt, flat washer, lock washer, sway bar link, lock washer. Use blue thread locker. Torque to 75 Ft-lbs.



17. Install the sway bar links at the axle on the outside of the mount using the factory hardware. Torque to 75 Ft-lbs.





PRODUCT INFORMATION & WARRANTY

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:

Tera Manufacturing 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 TeraFlex's two (2) year warranty to be free of defects in material and workmanship for two years from date purchased.

Tera 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. Tera Manufacturing 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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TeraFlex, Inc. 5241 South Commerce Dr. Murray, Utah 84107
Phone/801.288.2585 Fax/801.713.2313 www.teraflex.biz