

TERAFLEX

INSTALLATION GUIDE

JK CV Drive Shaft

Part #4743200 (Front CV Drive Shaft, 3-4" Lift)

Part #4744200 (Rear CV Drive Shaft, 2 Door, 3-4" Lift)

Part #4744400 (Rear CV Drive Shaft, 4 Door, 3-4" Lift)



NOTES: Make sure that you align the balancing marks on the yoke and drive shaft at both the axle and the transfercase.

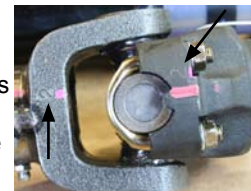
Be very careful to install the correct yoke. Do not mix up the front and rear axle yokes or you will damage the pinion seals, resulting in an oil leak.

- Front pinion yoke is Part #949200
- Rear axle pinion yoke is Part #949300
- Both transfer case yokes use Part #949100
- Before you begin the installation order Jeep part number 5143738AA (1 nut per driveshaft) if you want to install a new yoke nut with each transfer case yoke.
- Driveline Angle: Point rear pinion toward transfer case not parallel to the output shaft.
- Control Arms: Point adjustable control arms are required to adjust the pinion angle for the Rear Driveshaft.

INSTRUCTIONS:

1. Lift the Jeep and support it on jack stands or a hoist so all 4 wheels are free to rotate. This will make it easier to remove the factory bolts on the driveshaft joints.
2. Remove the factory driveshaft.
3. Remove the pinion yoke after putting a drain pan under the differential. You don't need to drain the oil, just a little will leak out when you remove the yoke.
4. Install the new pinion yoke and nut supplied by TeraFlex.
5. Remove the transfer case yoke after putting a drain pan under the transfer case. Some oil may leak out of the transfer case when you take the yoke off, but there is no need to drain the transfer case completely.
6. Install the new transfer case yoke. We recommend purchasing a new transfer case yoke nut from a Chrysler/Jeep dealer under part number 5143738AA.

7. Install the new driveshaft to the new yokes using u-bolts, split lock washers and nuts on the axle yokes. Use the 5/16 fine thread bolts and split lock washers on the CV yoke at the transfer case.



(Make sure the balancing marks are aligned)

8. Check and refill oil as needed.

TORQUE SPECIFICATIONS:

- Transfer Case Yoke Nut - Front and Rear Output (22mm)
Install and tighten new yoke nut to 122-176 N-m (90-130 ft. lbs.)
- Front and Rear Pinion Yoke Nut (7/8"-20)
Install new nut on the pinion gear and tighten nut to 217 N-m (160 ft. lbs.).
- 5/16" bolts and U-bolt Nuts tighten to 17 ft. lbs.

SERVICE & CARE:

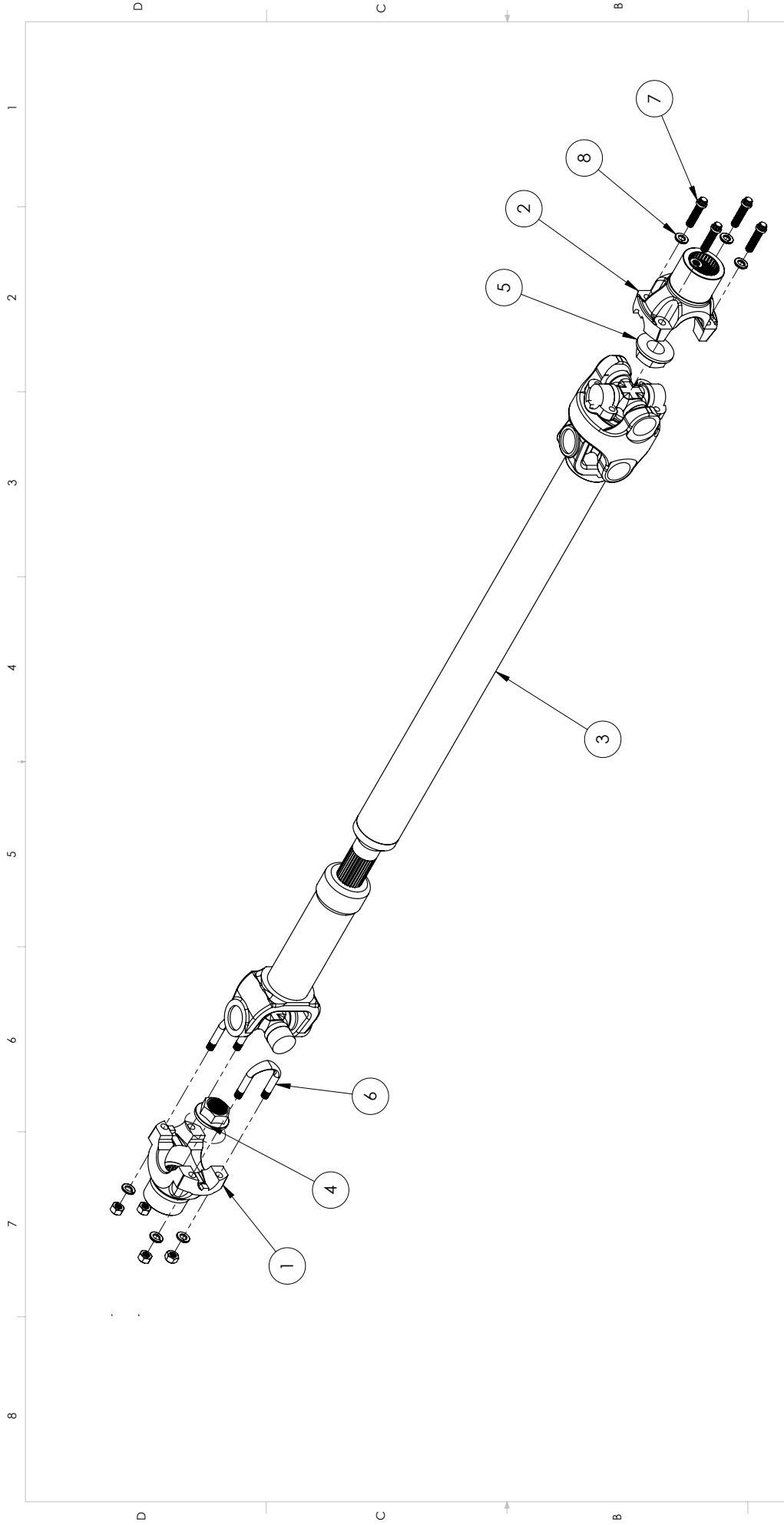
Inspect the driveline regularly for tube damage. Grease every 3,500 miles with hi-temp grease in the u-joint & H-Block.

TOOLS NEEDED:

- 5/16 – 12 point box wrench or shallow socket.
You will need a 12 point box wrench to fit the head of the bolts that hold the stock drive shaft joints to the factory yokes on both the transfer case and on the axle pinion shaft.
- 1-1/8 inch socket for the front pinion yoke.
- 1-1/4 inch socket for the transfer case yokes.
- 1-5/16 inch socket for the rear axle yoke

TeraFlex, Inc.

5680 W Dannon Way
West Jordan, UT 84081
Phone/801.288.2585
Fax/801.713.2313
www.teraflex.com



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	949200	JK FRONT PINION YOKE	1
2	949100	JK T-CASE OUTPUT YOKE	1
3	DSR-FJK37	37.375" LONG - JK FRONT CV SHAFT	1
4	SS112	7/8"-20 UNEF FLANGED NUT WITH DEFORMED THREAD	1
5	54000	M22 x 1.5 FLANGED NUT WITH DEFORMED THREAD	1
6	A490K	U-BOLT KIT (BOLTS, NUTS, AND WASHERS)	1
7	00093	5/16"-24 UNF X 1-1/4" LONG 12 POINT HEAD	4
8	00036	5/16 LOCK WASHER	4



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.

COPYRIGHT

©Copyright 2008. All rights reserved, TeraFlex Inc. Reproduction of this catalog and/or any of its contents without written permission is strictly prohibited.

TeraFlex® is a registered trademark of TeraFlex Inc. All trade names and logos including but not limited to TeraFlex, FlexArms, RockGuard, Monster, and LCG are protected by law and duplication of trade names and/or logos are strictly prohibited.

TeraFlex Inc. reserves the right to update, discontinue, redesign, modify finish, part number or component build parts if deemed necessary without written notice. TeraFlex Inc., and any associated dealers are not responsible for misprints or typographical errors that may have inadvertently been made within this instruction sheet.

Jeep® and the Jeep® grill are registered trademarks of Chrysler LLC, and have no affiliation with TeraFlex Inc.