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**1995.5-2003 TOYOTA TACOMA 2WD**  
**FTS2096 REAR SHACKLE KIT**

**PARTS LIST:**

	<b>FTS8010</b>	<b>DUAL STEERING STABILIZER</b>
<b>Qty</b>	<b>Part #</b>	<b>Description</b>
2	FT70021	Tacoma Shackle Single
1	FT70127	Hdwr Sub-Assembly

	<b>FT20412</b>	<b>Hdwr Sub-Assembly Kit</b>
<b>Qty</b>	<b>Part #</b>	<b>Description</b>
4	18250003080	18mm-2.5 Nyloc Nut 8.8
2	18251201080	18mm-2.5 X 120mm Bolt 8.8
2	18251401080	18mm-2.5 X 140mm Bolt 8.8
5	31000005052	5/16" SAE Washer
2	31180003052	5/16"-18 Nyloc Nut
2	31181001052	5/16"-18 x 1"Bolt
1	80125501082	8mm-1.25 X 50mm
4	FT1033	Bushing
1	FT2096i	Instruction Sheet
1	FT420-50-6	Brake Line Ext.
1	FT70033	Proportioning Valve Ext.
1	FTAS12	Sticker
1	FTREGCARD	Registration Card

**TOOL LIST: (NOT INCLUDED)**

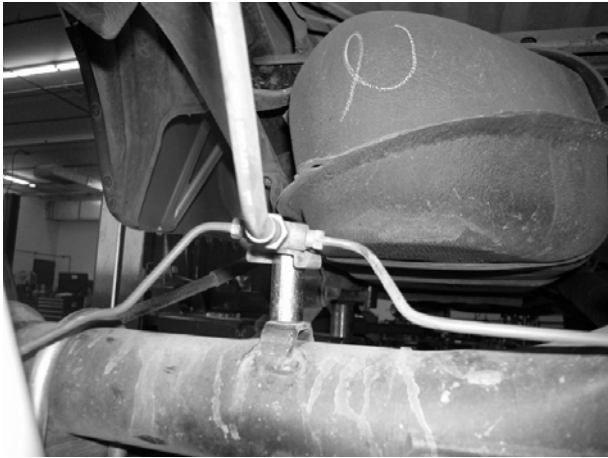
**FLOOR JACK**  
**JACK STANDS**  
**ASSORTED METRIC AND S.A.E SOCKETS**  
**TORQUE WRENCH**

**READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION!**

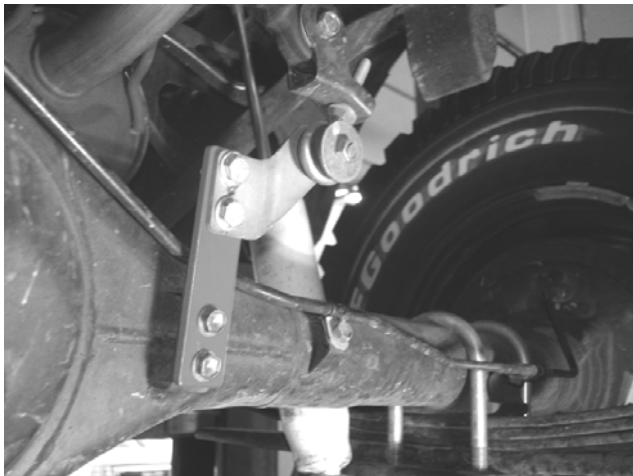
**CHECK ALL PARTS INCLUDED IN THIS KIT TO THE PARTS LIST ABOVE BEFORE BEGINNING INSTALLATION OF THE KIT. IF ANY PIECES ARE MISSING, CONTACT FABTECH AT 909-597-7800**

## **INSTRUCTIONS:**

1. Disconnect the negative terminal on the battery. Jack up the rear end of the truck and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the rear tires.
2. Remove the bolt securing the brake line to the differential housing on the driver side of the truck. (Were the soft line from the frame connects to the axle). Locate FT420-50-6 Brake Line Spacer and attach between the axle and the factory brake line bracket previously removed using the supplied 8mm bolt, and flat washer. SEE PHOTO BELOW.



3. Locate the Portioning Valve on the passenger side of the axle. Remove the valve from the axle and save the hardware. Locate FT70033 proportioning valve ext. and attach to the axle use the factory hardware. Attach the proportioning valve to the new bracket using the supplied 5/16" bolt, nut, and washers. SEE PHOTO BELOW.



4. Using a floor jack, raise the differential just enough to slightly compress the rear shocks. Remove the shocks and discard. Lower the jack down to release all the pressure on the leaf springs. Leave the floor jack under the differential to support it during shackle removal.
5. With the floor jack still supporting the differential remove the bolts securing the shackle to the frame and the leaf spring. Remove the shackle from the truck and discard along with the hardware.

6. Once the factory shackle is removed inspect the original bushing in the leaf spring. If there is a metal sleeve pressed into the bushing you will need to press the sleeve out along with the factory bushing and replace with the supplied bushings. If there is no sleeve in the factory leaf spring bushing you will leave the original bushings in place and discard the supplied bushings.
7. Working from the driver side of the truck, locate the supplied FT70021 shackle and install on to the frame bushing first than on to the leaf spring bushing. Using the supplied 18mm x 120mm bolt on the frame mount and the supplied 18mm x 140mm bolt on the spring mount. Tighten both bolts to 45lbs. **USE CARE TO NOT OVERTIGHTEN THE SHACKLE BOLTS AND BEND THE SHACKLE.** SEE PHOTO BELOW.



8. Repeat step 7 on the passenger side of the truck.
9. Locate the exhaust hanger on the passenger rear of the truck. Remove the rubber hanger and flip it up side down, and reinstall so the single exhaust support is now located on top. SEE PHOTO BELOW.



10. Install the correct length shocks for the total lift put on the truck.

11. Reinstall the rear tires and torque the lugs to factory specifications. The factory torque specifications can be found in your owners manual.
12. Remove the jack stands and set the truck back onto the ground. Check the torque on all fasteners.

**RETORQUE ALL NUTS, BOLTS AND LUGS AFTER 50 MILES AND PERIODICALLY THEREAFTER.**  
For technical assistance call: 909-597-7800

## Product Warranty and Warnings-

Fabtech provides a Limited Lifetime Warranty to the original retail purchaser who owns the vehicle, on which the product was originally installed, for defects in workmanship and materials.

The Limited Lifetime Warranty excludes the following Fabtech items; bushings, bump stops, ball joints, tie rod ends, limiting straps, cross shafts, heim joints. These parts are subject to wear and are not considered defective when worn. They are warranted for 60 days from the date of purchase for defects in workmanship.

Take apart shocks are considered a serviceable shock with a one year warranty on leakage only. Service seal kits are available separately for future maintenance. All other shocks are covered under our Limited Lifetime Warranty.

Fabtech does not warrant any product for finish, alterations, modifications and/or installation contrary to Fabtech's instructions. Alterations to the finish of the parts including but not limited to painting, powdercoating, plating and/or welding will void all warranties. Some finish damage may occur to parts during shipping which is considered normal and is not covered under warranty.

Fabtech products are not designed nor intended to be installed on vehicles used in race applications or for racing purposes or for similar activities. (A "RACE" is defined as any contest between two or more vehicles, or any contest of one or more vehicle against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America.

Installation of most suspension products will raise the center of gravity of the vehicle and will cause the vehicle to handle differently than stock. It may increase the vehicle's susceptibility to a rollover, on road and off road, at all speeds. Extreme care should be taken to operate the vehicle safely at all times to prevent rollover or loss of control resulting in serious injury or death. Fabtech front end Desert Guards may impair the deployment or operation of vehicles equipped with supplemental restraining systems/air bag systems and should not be installed if the vehicle is equipped as so.

Fabtech makes every effort to ensure suspension product compatibility with all vehicles listed in the catalog, but due to unknown auto manufacturers production changes and/or inconsistencies by the auto manufacturer, Fabtech cannot be responsible for 100% compatibility, including the fitment of tire and wheel sizes listed. The Tire and Wheel sizes listed in Fabtech's catalog are only a guideline for street driving with noted fender trimming. Fabtech is not responsible for damages to the vehicle's body or tires.

Fabtech's obligation under this warranty is limited to the repair or replacement, at Fabtech option, of the defective product only. All costs of removal, installation or re-installation, freight charges, incidental or consequential damages are expressly excluded from this warranty. Fabtech is not responsible for damages and/or warranty of other vehicle parts related or non related to the installed Fabtech product. This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been subject to accident, negligence, alteration, abuse or misuse as determined by Fabtech.

Fabtech suspension components must be installed as a complete system including shocks as shown in our current catalog. All warranties will become void if Fabtech parts are combined and/or substituted with other aftermarket suspension products. Combination and/or substitution of other aftermarket suspension parts may cause premature wear and/or product failure resulting in an accident causing injury or death. Fabtech does not warrant products not manufactured by Fabtech.

Installation of Fabtech product may void the vehicles factory warranty; it is the consumer's responsibility to check with their local vehicle's dealer for warranty disposition before the installation of the product.

It is the responsibility of the distributor and/or the retailer to review all warranties and warnings of Fabtech products with the consumer prior to purchase.

Fabtech reserves the right to supercede, discontinue, change the design, finish, part number and, or application of parts when deemed necessary without written notice. Fabtech is not responsible for misprints or typographical errors within the catalog or price sheet.