



INSTALLATION INSTRUCTIONS

2013-2016 DODGE RAM 3500 5-7" LIFT TRACTION BARS

FTS63000

NOTE: THIS KIT REQUIRES WELDING

Fabtech Motorsports | 4331 Eucalyptus Ave. Chino, CA 91710

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- PARTS LIST -

2013-2016 DODGE RAM 3500 TRACTION BARS

FTS63000		DODGE RAM 3500 TRACTION BARS
1	FT44447BK	DRIVER SIDE FRAME MOUNT
1	FT44448BK	PASSENGER SIDE FRAME MOUNT
1	FT44400BK	TRACTION BAR (DRIVER)
1	FT44401BK	TRACTION BAR (PASSENGER)
4	FT44407	AXLE BRACKET (RAW)
2	FT90018	TRACTION BAR SHACKLE ZINC
1	FT44445	HARDWARE SUBASSEMBLY
1	FT44446	HARDWARE KIT

FT44445		HARDWARE SUBASSEMBLY
1	FT44409	E-BRAKE BRACKET
1	FT44414	DRIVER NUT TAB
1	FT44415	PASSENGER NUT TAB
1	FT63000i	INSTRUCTIONS
2	FT20201	FRAME LOWER NUT TAB
2	FT66	SLEEVE .625 X .509 X 2.000
4	FT1004	HALF BUSHING
6	FT95243	3/4" ROD END
1	FTAS16	DRIVER WARNING DECAL
1	FTAS12	STICKER FT BLUE 10X4
1	FTREGCARD	REGISTRATION CARD

FT44446 - HARDWARE KIT		LOCATION
2	1/2-13 X 3-3/4" HEX BOLT G8	
4	1/2-13 X 1-1/4" HEX BOLT G8	
6	1/2 SAE WASHER	
5	1/2-13 C-LOCK NUT	
6	1/2 SPLIT LOCK WASHER	
2	1/4-20 X 1" HEX BOLT	
2	1/4-20 NYLOCK NUT	
4	1/4" SAE WASHER	
6	3/4-10 C-LOCK NUT	
4	3/4-10 X 2-3/4" HEX BOLT	
2	3/4-10 X 2-1/2" HEX BOLT	
12	3/4" SAE WASHER	
6	JAM NUT 3/4-16 RH	
1	THREAD LOCKING COMPOUND	

- TOOL LIST -

Required Tools (Not Included)

- Basic Hand Tools
- Floor Jack
- Jack Stands
- Assorted Metric and S.A.E sockets, and Allen wrenches
- Torque Wrench
- Cut-off Wheel
- Welder

- PRE-INSTALLATION NOTES -

For technical assistance call: **909-597-7800** or e-mail: **info@fabtechmotorsports.com**

READ THIS BEFORE YOU BEGIN INSTALLATION -

Check all parts to the parts list above before beginning installation. If any parts are missing contact Fabtech at 909-597-7800 and a replacement part will be sent to you immediately.

Read all instructions thoroughly from start to finish before beginning the installation. If these instructions are not properly followed severe frame, driveline and / or suspension damage may occur.

Check your local city and state laws prior to the installation of this system for legality. Do not install if not legal in your area.

Prior to the installation of this suspension system perform a front end alignment and record. Do not install this system if the vehicle alignment is not within factory specifications. Check for frame and suspension damage prior to installation.

The installation of this suspension system should be performed by two professional mechanics.

This suspension must be installed with Fabtech shock absorbers.

Use the provided thread locking compound on all hardware.

WARNING- Installation of this system will alter the center of gravity of the vehicle and may increase roll over as compared to stock.

Vehicles that receive oversized tires should check ball joints, uniballs, tie rods ends, pitman arm and idler arm every 2500-5000 miles for wear and replace as needed.

Verify differential fluid is at manufactures recommended level prior to kit installation. Installation of the kit will reposition the differential and the fill plug hole may be in a different position. (For example, if the manufacture recommends 3 quarts of fluid, make sure the diff has 3 quarts of fluid). Check your specific manual for correct amount of fluid.

THE INSTALLATION OF THIS KIT REQUIRES WELDING, AND SHOULD BE PERFORMED BY A CERTIFIED WELDER

FOOTNOTES -

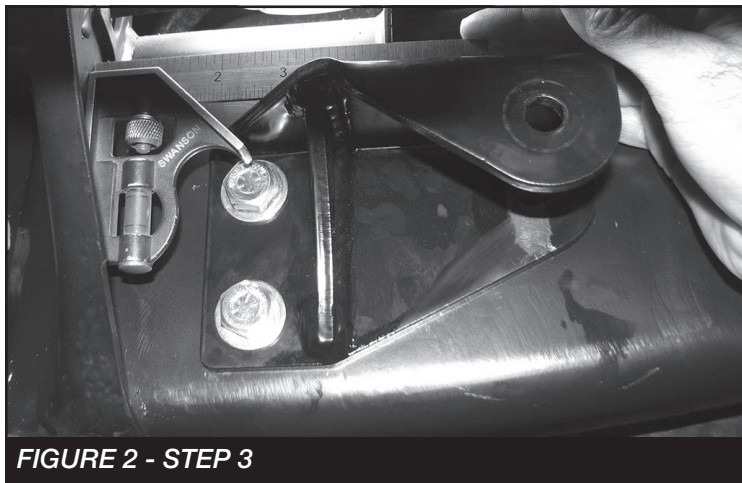
- INSTALLATION REQUIRES WELDING

- INSTRUCTIONS -

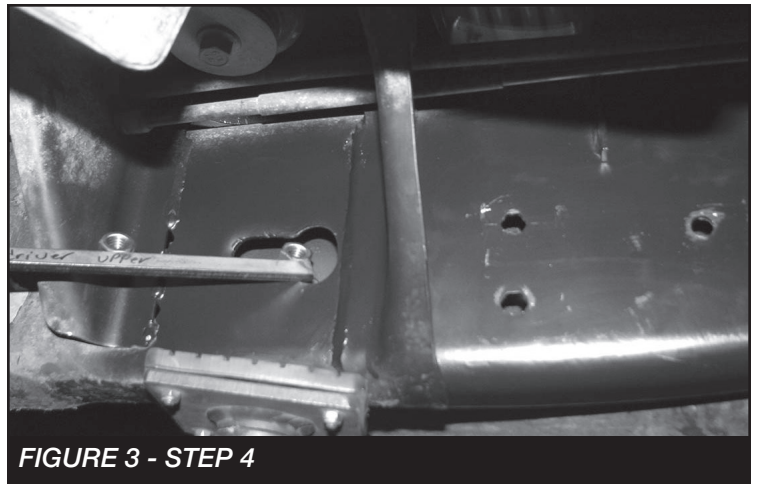
1. Disconnect the negative terminal on the battery. Jack up the rear end of the truck and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the rear tires.
2. Locate the factory hole in the frame just below the body mount. Using a die grinder open up the hole to 1-1/2" towards the rear of the vehicle. **SEE FIGURE 1**



3. Locate FT44447BK (Driver Frame Mount) using a 90 degree angle. Measure the 1" from the bottom of the frame and 2" from the rear body mount with the bracket. Mark the 3 holes to be drilled. Using a 1/2" drill bit, drill the holes into the frame. **SEE FIGURE 2**



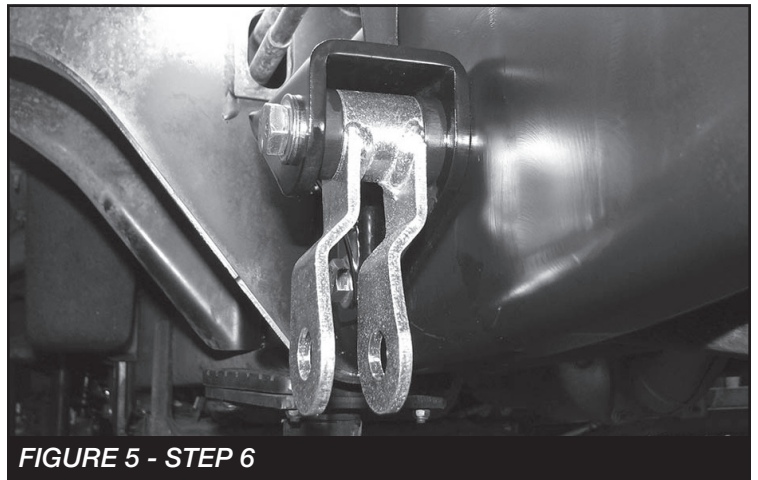
4. Install the bracket using FT44414 (Driver upper nut tab), FT20201 (lower nut tab) and 1/2" x 1-1/4" hardware. Install the FT44414 nut tab first. **SEE FIGURE 3**



5. Next, install FT20201 lower nut tab for the lower bolt. **SEE FIGURE 4**



6. Install the bushings and sleeve into FT90018 (Shackle) and install into the frame bracket using the 1/2" x 3-3/4" hardware. Torque 1/2" hardware to 127 ft-lbs. **SEE FIGURE 5 FOR ORIENTATION**



7. Repeat Steps 2-6 on passenger side using FT44448BK (Frame Bracket), FT44415 (upper Pass nut tab) and FT20201 (lower nut tab).
8. Install the FT95243 (Rod Ends) with the Jam nuts into the traction bars. Measure center hole to center hole from the front rod end to both rear rod ends. For stock and 5" the measurement will be 49-3/16" and for 7" the measurement will be 49-5/8". Next, install the FT44407 (axle mounts 2 per traction bar) using 3/4" hardware. **SEE FIGURE 6-7**

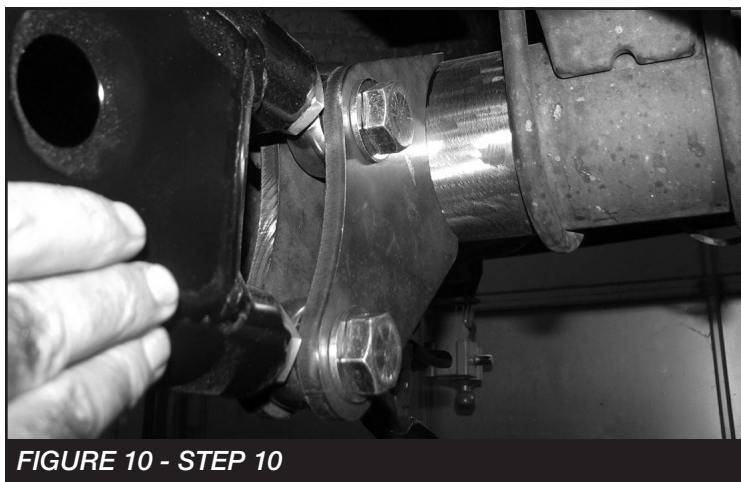
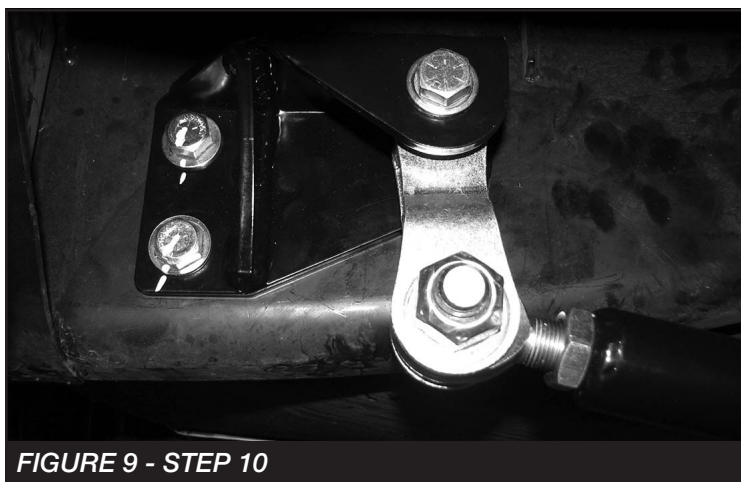


9. Install the traction bar to the front shackle using the 3/4" hardware. **NOTE: The bolt needs to be installed from the back side.** On the axle measure 2-1/2" from the axle spring mount and mark a line. **SEE FIGURE 8.**



FIGURE 8 - STEP 9

10. Swing the traction bar up to the axle. Make sure the front shackle is vertically up and down. Tack weld the brackets to the axle. Remove the hardware and traction bar from the rear brackets and completely weld the brackets to the axle. Allow to cool and paint. **SEE FIGURES 9-11**



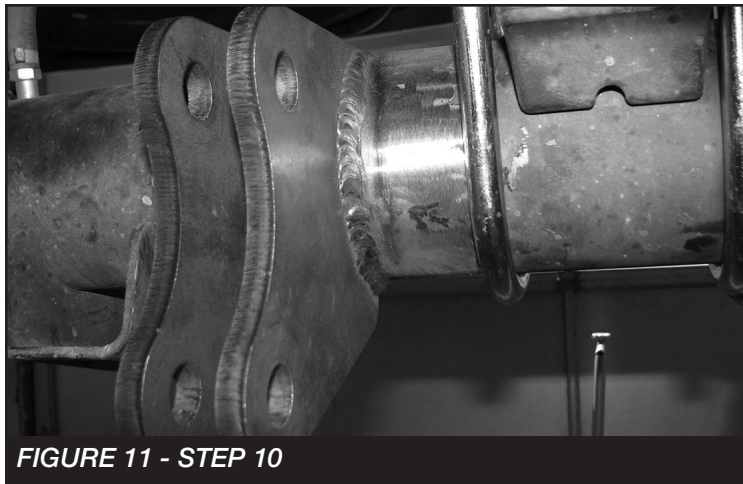


FIGURE 11 - STEP 10

11. Reinstall the 3/4" hardware and torque to 450 ft-lbs. **SEE FIGURE 12**



FIGURE 12 - STEP 11

12. Repeat steps 8-11 on passenger side.
13. Locate the brake line bracket on the rear passenger side lower shock mount. Remove the bracket and install FT44409 (Brake lin bracket using the factory hardware and 1/4" hardware. **SEE FIGURES 13-14**



FIGURE 13 - STEP 13



FIGURE 14 - STEP 13

14. Install tires and wheels and torque lug nuts to wheel manufacturer's specifications.
15. Recheck all bolts for proper torque.
16. Install Driver Warning Decal. Complete product registration card and mail to Fabtech in order to receive future safety and technical bulletins on this suspension.

Vehicles that will receive oversized tires should check ball joints, uniballs and all steering components every 2500-5000 miles for wear and replace as required.

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 and driveshafts. 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.

Dirt Logic and Performance Coilover 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, powder coating, 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 on the website, but due to unknown auto manufacturer's 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 website 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 is not responsible for premature wear of factory components due to the installation of oversized tires and wheels.

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 on our website. 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.

Depending on the condition of the factory suspension components retained after the installation of a Fabtech suspension not all vehicles may have the same ride stance front to rear as described in the website. The blue color of suspension components shown in all Fabtech photographs are for display purposes only. Majority of all Fabtech components will be black specifically where noted with part numbers ending in BK.

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. Some state laws may prohibit modification of suspension to a vehicle in whole or in part. It is the responsibility of the installer and consumer to consult local laws prior to the installation of any Fabtech suspension product to comply with such written laws.

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 super cede, 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 website or price sheet. For the most recent Product Warranty and Warnings visit our website www.fabtechmotorsports.com