



4331 EUCALYPTUS AVE. CHINO, CA. 91710
PHONE 909-597-7800 FAX 909-597-7185
www.fabtechmotorsports.com

Installation Instructions

FTL5204 2009 - 2014 FORD F150 4WD 2" LIFT KIT

PARTS LIST:

Qty	Part #	Description
2	FT30400	Spacer
1	FT20278	Hardware Kit
2	FT5204i	Instruction Sheet
1	FTAS12	Sticker
1	FTAS16	Decal
1	FTREGCARD	Reg. Card

HARDWARE LIST:

Qty	Description
6	3/8"-24 x 1 1/4" Hex Bolt
6	3/8" Split Washer
6	3/8" Flat Washer
6	10mm-1.5 C-Lock
6	10mm Flat Washer
1	Thread Locking Compound

Tool List: (Not Included)

- Assorted Metric and S.A.E Wrench and Sockets
- Jack and Jack Stands
- Hammer

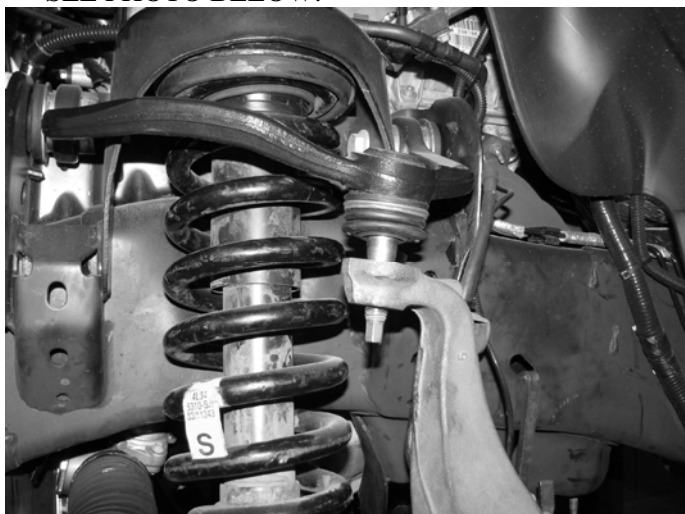
READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION!

NOTE: WILL NOT WORK ON RAPTOR MODELS

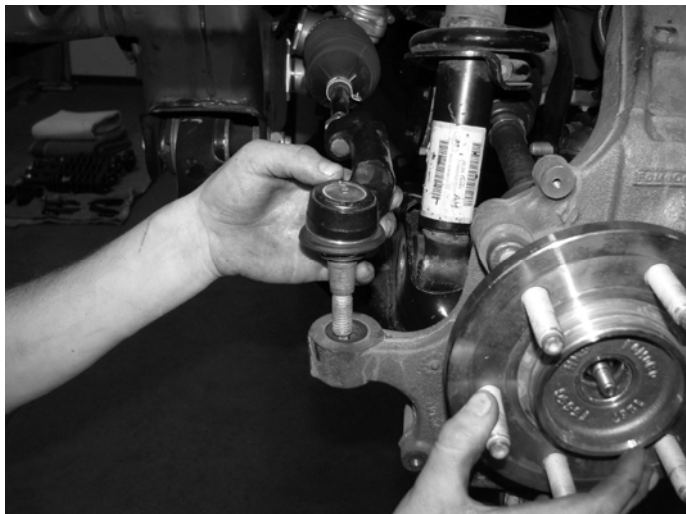
CHECK ALL PARTS INCLUDED IN THIS KIT TO THE PARTS LIST ABOVE BEFORE BEGINNING INSTALLATION OF THIS KIT. IF ANY PIECES ARE MISSING, CONTACT FABTECH AT 909-597-7800.

Warning – Use thread lock compound on all hardware during this installation.

1. **Disconnect the negative terminal on the battery.** Place the vehicle on a level working area. Block the rear tires. Working from both sides of the vehicle, jack up the vehicle and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE.** Remove both front tires.
2. Working from the driver side, support the bottom of the control arm with a jack.
3. Loosen the upper ball joint nut and strike the knuckle with a hammer until it comes loose from the control arm. Save all hardware. Use care not to hit the threads. **SEE PHOTO BELOW.**



4. Loosen the tie rod nut and strike the knuckle with a hammer until it comes loose. Save all hardware. Use care not to hit the threads. **SEE PHOTO BELOW.**



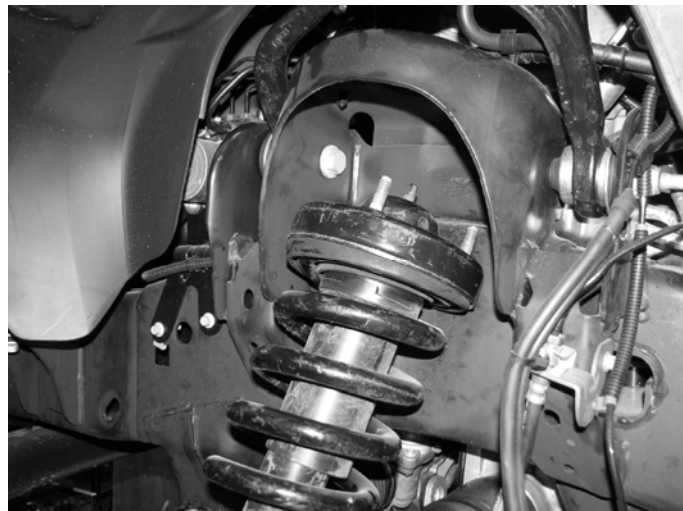
5. Disconnect the factory sway bar end link. Save all hardware. **SEE PHOTO BELOW.**



6. Remove the bottom coilover bolt and save. **SEE PHOTO BELOW.**



7. Disconnect the stability control plug. Remove the three nuts attaching the coilover to the coilover mount, discard hardware. Remove the coilover from the vehicle. **SEE PHOTO BELOW.**



8. Repeat steps 2-7 on the passenger side of the vehicle.

9. Locate the FT30400 Coil Spacer and the supplied 10mm nuts and flat washers. Attach the Coil Spacer to the top of the driver side factory coilover and torque to 30 ft.-lbs. **(DO NOT USE AN IMPACT ON THE FACTORY STUDS)**. SEE PHOTO BELOW.



10. Using the supplied 3/8"x1 1/4" bolts, flat washers, split washers and thread locking compound, attach the upper portion of the coilover into the driver side factory mount. Torque to 30 ft.-lbs. SEE PHOTO BELOW.



11. Attach the bottom part of the coilover to the driver side lower control arm with the factory hardware. It may be necessary to align the lower shock eyelet to fit into the lower control arm. This may be accomplished by rotating the lower eyelet with an alignment bar. Torque bolts to 30 ft.-lbs.
12. Attach the upper ball joint to the factory knuckle using the factory nut. Torque to 60 ft.-lbs. Now reattach the tie rod to the steering knuckle using the factory nut. Torque to 50 ft.-lbs.
13. Attach the factory swaybar end link with the factory hardware and tighten just until the bushings start to bulge. Reconnect the stability control plug.
14. Repeat steps 9-13 on passenger side of vehicle.
15. Reinstall wheels and tires and torque to manufacture's specifications. Turn wheels full in both directions to make sure there is proper clearance for brake lines and stability control wiring.
16. Check the front-end alignment and set to the factory specifications.
17. Readjust headlights.
18. Re-check all bolts after 500 miles.

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.