



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.

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.**



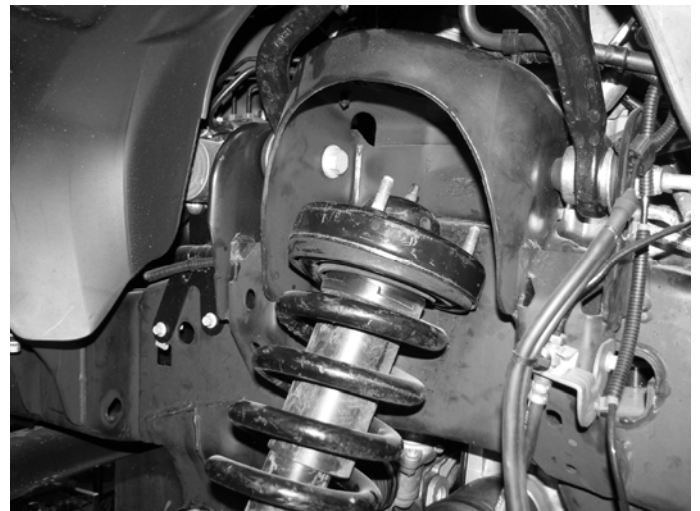
5. Disconnect the factory sway bar end link. Save all hardware. **SEE PHOTO BELOW.**



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.