



2008-2015 FORD SUPER DUTY 4WD
REAR LIFT FOR 8" F-250 W/OUT FACTORY OVER LOAD LEAF
FTS22104 [REAR LIFT KIT](#)

	FTS22104	08 F- 250 8" Rear Kit
Qty	Part #	Description
2	FTBK5	5" Block
4	FT742U	U-Bolt
2	FT30275	Add-A-Leaf
1	FT30321	Hdwr Sub-Assembly
1	FTS419	Shim Kit
1	FT30240BK	Drv. Sway Bar Bracket
1	FT30241BK	Pass. Sway Bar Bracket

	FT30321	Hdwr Sub-Assembly Kit
Qty	Part #	Description
4	37000005081	3/8" SAE Flat Washer
2	37160003052	3/8"-16 NyLok Nut
2	37161001081	3/8"-16 x 1" Bolt
4	50000005081	1/2" SAE Flat Washer
2	50130003052	1/2"-13 Nylok Nut
2	50131501081	1/2"-13 x 1 1/2" Bolt
2	FT22104i	Instruction Sheet
1	FT30166	E-Brake Cable Sleeve
1	31182001081	5/16"-18 x 2" Bolt
1	31000005252	5/16" Split Washer
1	FT90080	Center Pin Kit
2	FT30284	Leaf Spring Spacer
1	FT58H	5/8" Hardware

Tool List: (Not Included)

Floor Jack

Jack Stands

Assorted Metric and S.A.E Sockets & Allen Wrenches

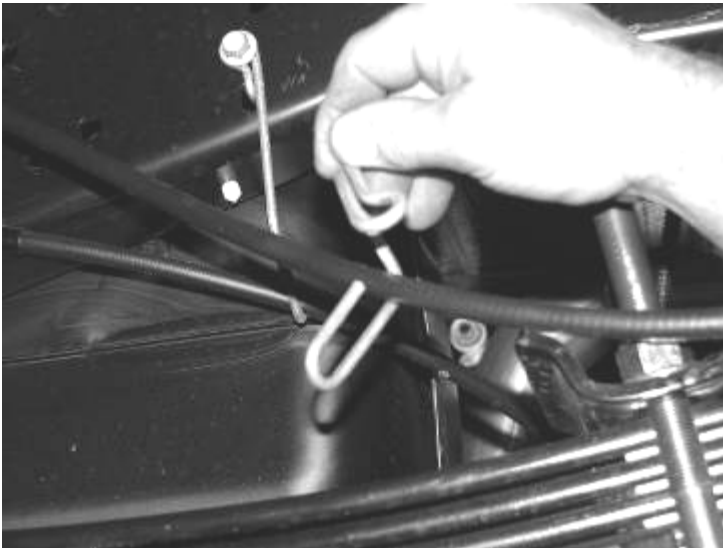
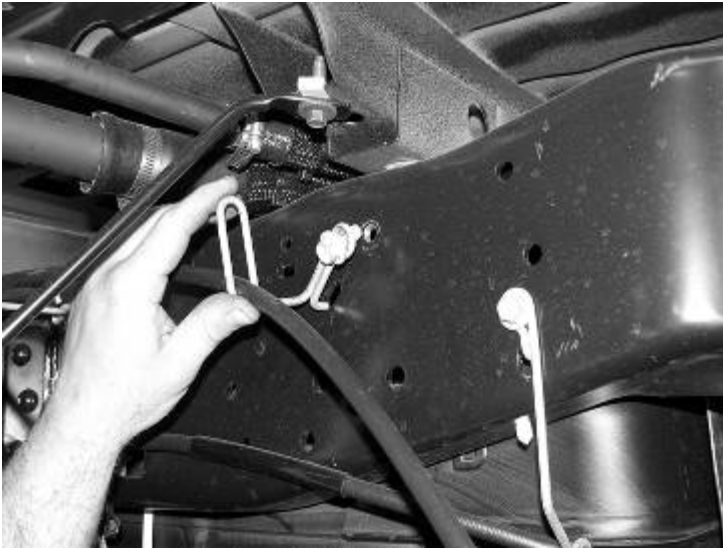
Drill w/ Assorted Drill bits

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

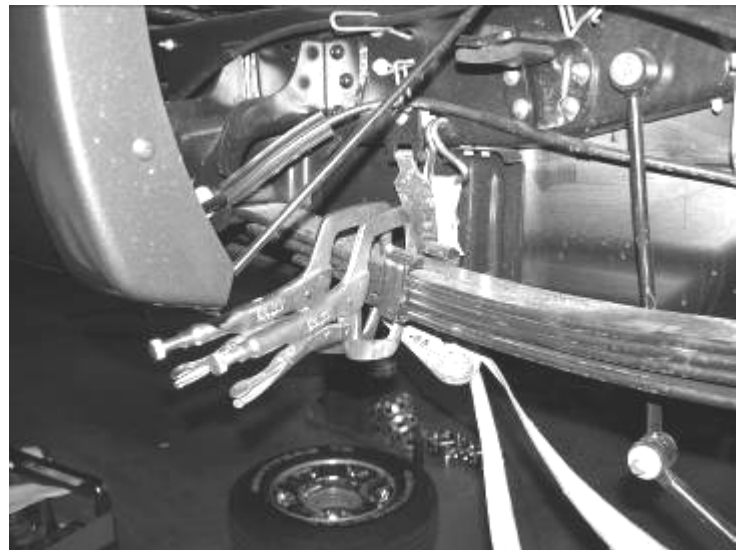
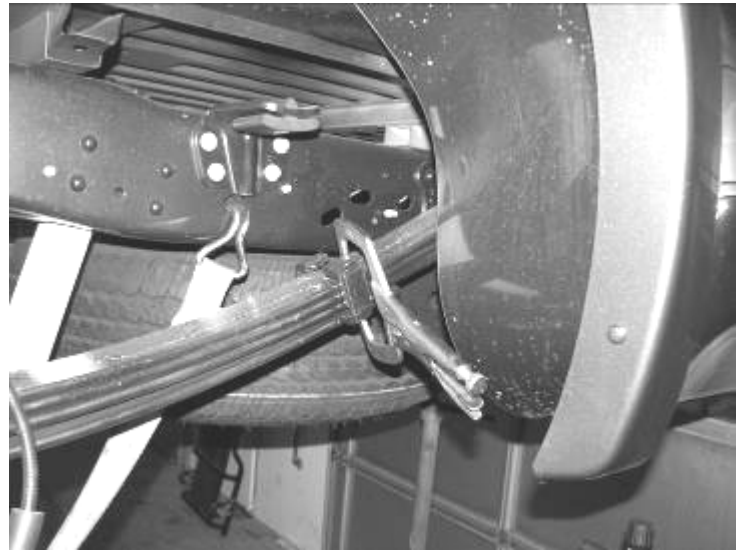
CHECK ALL PARTS INCLUDED IN THIS KIT TO THE PARTS LIST ABOVE BEFORE BEGINNING INSTALLATION OF THIS KIT.

INSTRUCTIONS:

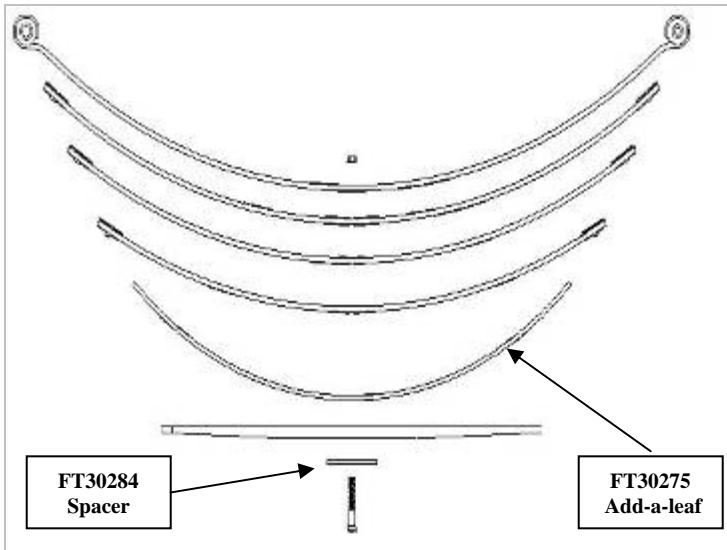
1. Disconnect the negative terminal on the battery. Jack up the rear end of the vehicle and support the frame rails with jack stands. Supporting the rear differential remove and discard the rear shocks and u-bolts. Lower the axle down slowly. Use care not to over extend the brake hose. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!**
2. Locate the factory emergency brake cable bracket on the driver's side rear frame section and remove. Use a die grinder with a cut-off wheel and cut the bracket ONLY. Remove the bracket from the cable and discard with the hardware. SEE PHOTOS BELOW



3. Clamp the leaf spring in the middle of the spring and remove the center bolt. (DO NOT REMOVE THE LEAF SPRING FROM THE TRUCK)



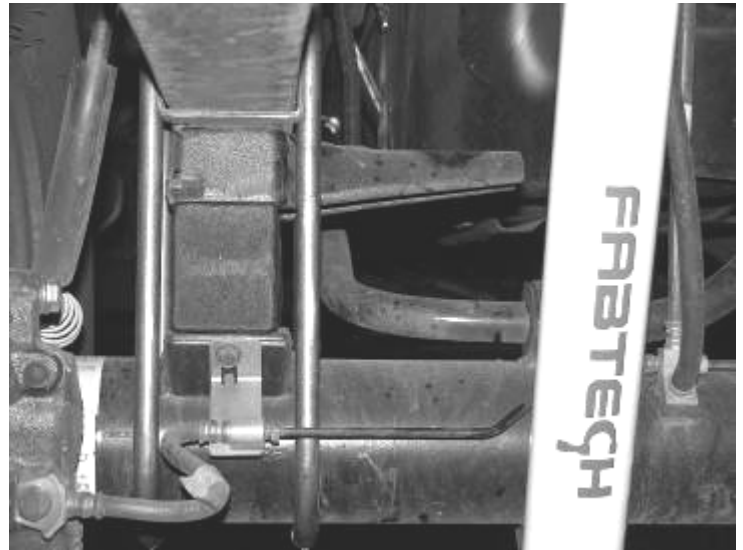
4. Separate the individual leaves and install the provided FT30275 add a leaf with the new center bolt in a pyramid pattern smallest on the bottom graduating to the longest on top. Locate FT30284 Leaf Spring Spacer and place on the bottom of the stack. Clamp the spacer and springs and tighten the center bolt as not to leave a gap between the springs. Cut the thread of the bolt smooth with the nut. The nut should be on the top of the leaf spring pack. SEE DRAWING ON NEXT PAGE



5. Locate the upper leaf spring plate. Use a drill with a 13/16" drill bit and enlarge the factory hole in the plate. This is so the new center pin nut will fit inside the plate. SEE PHOTO BELOW

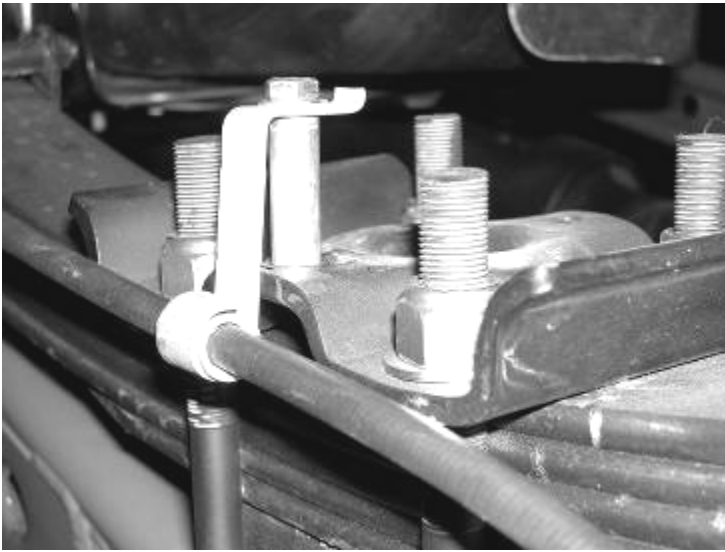


6. Locate and install the rear lift blocks, the factory block will be positioned on top of the new Fabtech block, with the short center pin of both blocks facing down, to the axle. The short end of the blocks should face to the front of the vehicle. Using the supplied u-bolts, nuts, and washers align axle, lift blocks, and springs and torque to U-Bolts to 180 ft-lbs. SEE PHOTO BELOW

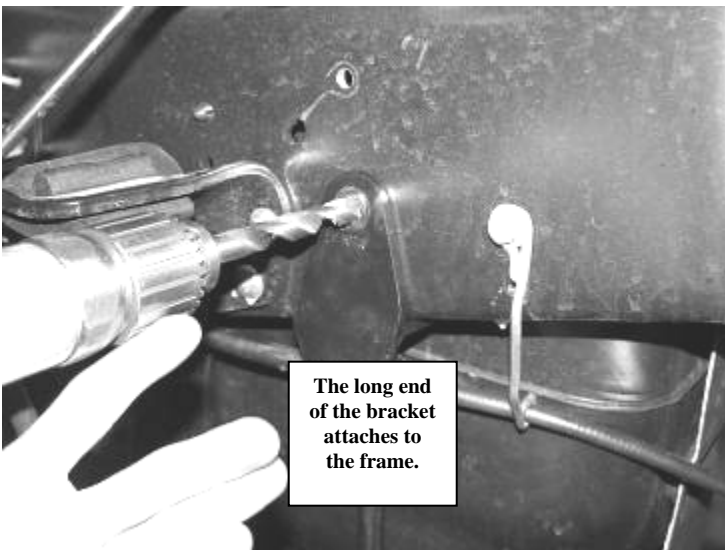


2011 configuration shown above

7. Install Fabtech shock part number FTS7266 Performance Shocks or FTS81005 Dirt Logic Shocks (not included) with the factory hardware and torque bolts to 65ft-lbs.
8. Locate the E-Brake Cable mount on the driver side spring pack perch. Remove the bolt attaching it to the perch and discard the hardware.
9. Locate FT30166 E-Brake Cable Sleeve and attach between the spring perch and E-brake Cable bracket using the supplied 5/16"-18 x 2" bolt and split washer. SEE PHOTO BELOW

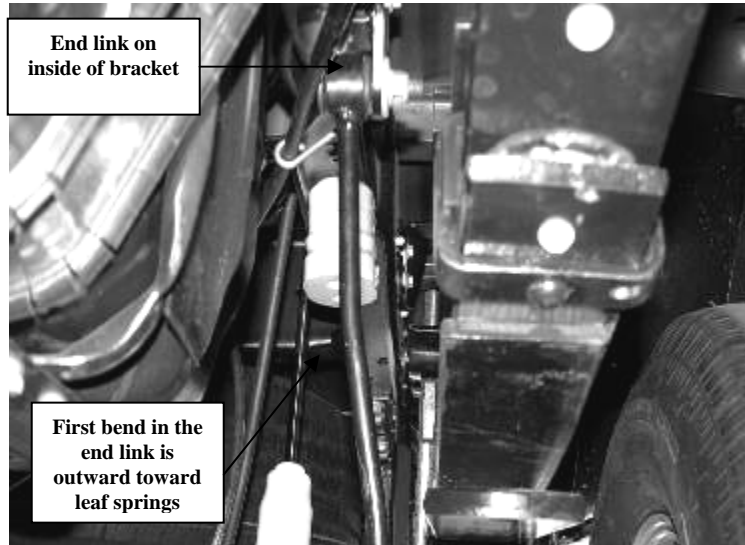


10. Locate the FT30240BK (driver) and FT30241BK (pass) Rear Sway Bar Drop Brackets. Remove the factory sway bar end links from the frame and the sway bar ,save the hardware. Place the drop bracket onto the frame so that the hole in the new bracket is directly above the factory hole (**the longer end of the bracket goes upward and attaches to the frame**). Use a paint pen or center punch to mark the center of the hole. Using a drill, drill the new hole into the frame starting with a smaller size bit and working up to the 1/2" size. Attach the bracket with the supplied 1/2"x 1 1/2" hardware and torque to 75 ft. lbs. Using a drill with a 3/8" bit, drill the bottom hole through the new bracket into the frame. Use the supplied 3/8" hardware and install the bolts through the bracket into the frame, torque to 30 ft. lbs. Install the end link into the bottom of the new drop bracket with the factory hardware and torque to 50 ft. lbs. SEE PHOTO BELOW



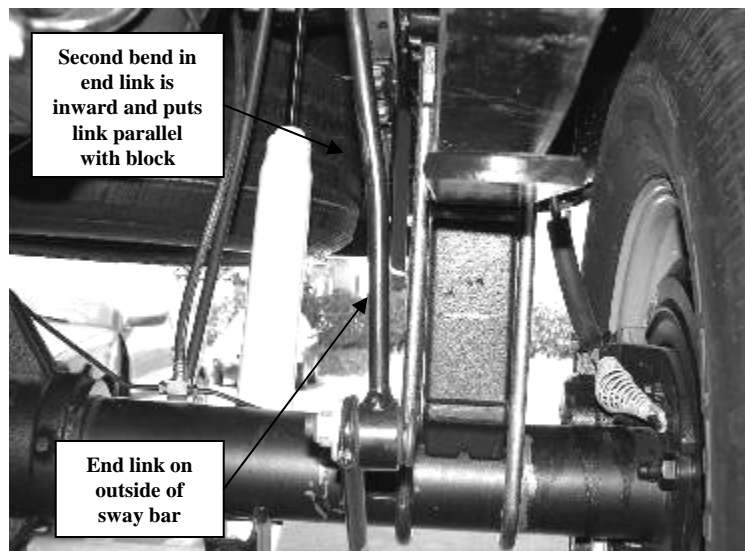
The long end of the bracket attaches to the frame.

11. Locate the factory sway bar endlinks. Attach the end link with the factory hardware to inside of the frame bracket so that the first bend in the link is outward toward the spring. The second bend in the link is inward and has the link parallel to the block. Attach the bottom of the link to the outside of the sway bar. SEE PHOTOS BELOW AND IN NEXT COLUMN



End link on inside of bracket

First bend in the end link is outward toward leaf springs

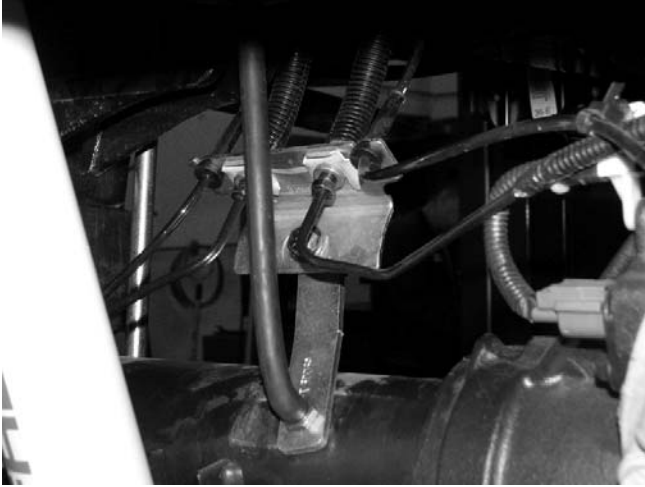


Second bend in end link is inward and puts link parallel with block

End link on outside of sway bar

12. Install FTS419 Shim Kit per the instructions in the FTS419 box.

13. **2011 models only** .Locate the factory brake line mount on the driver side of the axle. Remove the vent line from the bolt and remove bolt, save hardware. Locate the supplied brake line bracket FT30059 in front box kit; attach the side with the sleeve to the axle using the factory hardware. Using the supplied 3/8" x 2" bolt, nut, and washer attach the brake line to the other end. Reattach vent line. **SEE PHOTO BELOW.**



14. Recheck all bolts for proper torque. Recheck brake hoses and lines for proper clearances.
15. Install tires and wheels and torque lug nuts to wheel manufacturer's specifications. Turn front tires left to right and check for appropriate tire clearance. **Note-** Some oversized tires may require trimming of the front bumper & valance.
16. Check front-end alignment and set to factory specifications. Readjust headlights.

