



**2008-2015 FORD SUPER DUTY 4WD**  
**REAR BOX KIT FOR 10" REAR**  
**LIFT FTS22108**

	<b>FTS22108</b>	<b>Rear Lift For 10" F-250</b>
<b>Qty</b>	<b>Part #</b>	<b>Description</b>
1	FT20073	Carrier Bearing Drop Bracket
1	FT30240BK	Drv. Sway Bar Bracket
1	FT30241BK	Pass. Sway Bar Bracket
1	FT30355	Hdwr Sub-Assembly Kit
4	FT728U	U-Bolt
2	FTBK2	2" Block
1	FTS419	S/D Driveshaft Shim Kit
2	FTS42000	Rear Leaf Pack

	<b>FT30355</b>	<b>Hdwr Sub-Assembly Kit</b>
<b>Qty</b>	<b>Part #</b>	<b>Description</b>
4	37000005081	3/8" SAE Flat Washer
2	37160003052	3/8"-16 NyLok Nut
2	37161001081	3/8"-16 x 1" Hex Bolt Gr. 8
4	50000005081	1/2" SAE Flat Washer
2	50130003052	1/2"-13 Nylok Nut
2	50131501081	1/2"-13 x 1 1/2" Hex Bolt Gr. 8
2	FT22108i	Instruction Sheet
1	FT58H	U-Bolt Hardware
1	FTAS12	Sticker
1	FTAS16	Driver Warning Decal
1	FTREGCARD	Registration Card

**Tool List: (Not Included)**

**Floor Jack**

**Jack Stands**

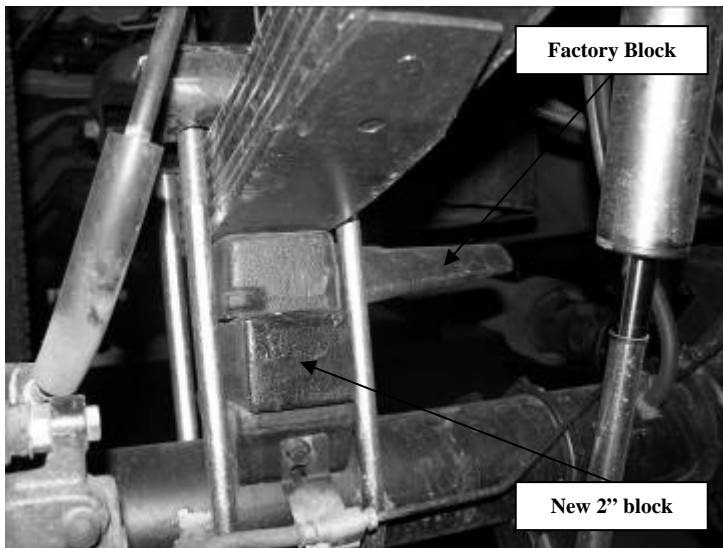
**Assorted Metric and S.A.E Sockets & Allen Wrenches**

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

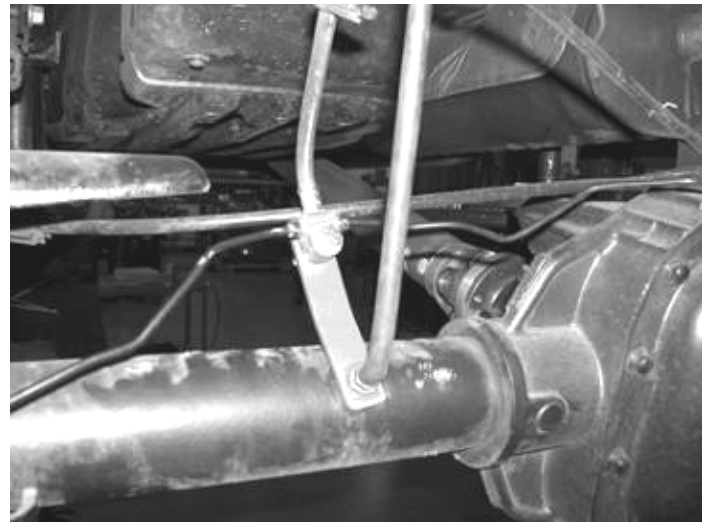
**THE FACTORY READ LOAD CARRYING CAPACITY WILL BE REDUCED WITH USE OF THIS REAR SPRING KIT**

## INSTRUCTIONS:

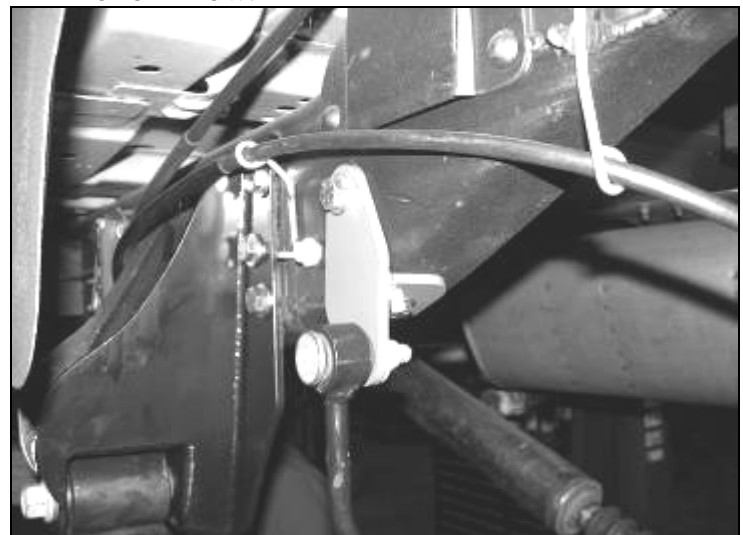
1. Disconnect the negative terminal on the battery. Jack up the rear end of the vehicle and support the frame rails with jack stands. Supporting the rear differential remove and discard the rear shocks. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!**
2. Remove the u-bolts from truck and discard. Lower the axle down slowly. Use care not to over extend the brake hose.
3. Locate the E-Brake cable mount on the driver side spring perch. Remove the bolt attaching the e-brake cable to the mount and discard the hardware.
4. Remove the complete leaf spring packs from the truck and discard. Save the factory hardware. **If your truck is equipped with a factory over load leaf on top of the factory leaf spring pack you will NOT be able to reuse it with this replacement leaf pack.**
5. Locate the new FTS42000 rear leaf springs and install into the factory position using factory hardware. You will use the supplied u-bolts and the factory shackle and hanger hardware. Position the new supplied 2" block on the axle with the factory block on top of it. Torque u-bolts to 180 ft. lbs and leave the shackle and hanger bolts loose at this time. SEE PHOTO BELOW.



6. Locate the factory brake line mount on the driver side of the axle. Remove the vent line from the bolt and remove the bolt. Save hardware. Locate the supplied brake line bracket FT30059 from the front box kit and 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 of the bracket. Reattach vent line. SEE PHOTO BELOW.

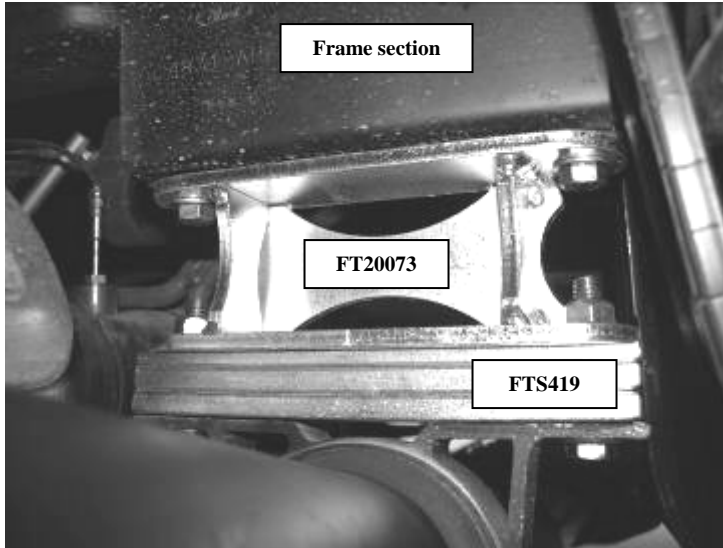


7. Locate the FT30240BK (driver) and FT30241BK (pass) Rear Sway Bar Drop Brackets. Remove the factory sway bar end links from the frame and save the hardware. Place the drop bracket onto the frame so that the hole in the new bracket is directly above the factory hole (**the longer end of the bracket 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. 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.



8. Install Fabtech shock part number FTS7266 (not included) with the factory hardware and torque bolts to 65 ft-lbs.
9. Locate FT20073 Angle Carrier Drop Spacer, supplied 7/16" hardware, and FTS419. Remove the two bolts securing the drive shaft carrier bearing to the frame cross member. **SUPPORT THE DRIVE SHAFT WITH A JACK OR A STRAP, DO NOT LET IT HANG WITHOUT SUPPORT** Attach the FT20073 to the crossmember (with wide angle of bracket to rear) using the 7/16" bolt, split, and flat washers. Use the supplied thread-locking compound and torque to 50 ft-lbs. Place 1-1/2" of shims from the FTS419 kit in between

shims from the FTS419 kit in between the carrier bearing and the FT20073 drop spacer. Place a lock washer, followed by a flat washer on each bolt and insert them through the carrier bearing and shims, into the drop bracket with the Nylock nut. Use the supplied thread-locking compound and torque to 50 ft-lbs. NOTE: This is a starting point for the shims from the FTS419 kit, Adjustment can be made as needed to reduce driveline vibration. SEE PHOTO BELOW.



View from front looking toward the rear

10. Install tires and wheels and torque lug nuts to wheel manufacturer's specifications.
11. Recheck all bolts for proper torque. Recheck brake hoses and lines for proper clearances.
12. Reinstall the rear tires and torque the lugs to factory specifications. The factory torque specifications can be found in your owner's manual.
13. Remove the jack stands and set the truck back onto the ground. Check the torque on all fasteners.
14. Torque the front leaf spring bolts to 222 ft. lbs. and the rear leaf spring bolts to 185 ft. lbs.
15. Check the front-end alignment and set to the factory specifications. Re-adjust headlights.