



2001-2004 FORD F-250/350 SUPER DUTY 4 WHEEL DRIVE

2000-03 EXCURSION 4 WHEEL DRIVE

FTS424-1BK 3.5" LIFT BOX KIT

PARTS LIST:

1 EA. FRT. SPRING HANGER PASS. SIDE FT424-1P	6 EA. 7/16" NYLOCK NUTS
1 EA. FRT. SPRING HANGER DRIV. SIDE FT424-1D	6 EA. 7/16" X 1 1/2" BOLTS
2 EA. REAR SHACKLE BRACKETS FT424-1	12 EA. 7/16" SAE WASHERS
1 EA. DRIVER'S SIDE BUMPER BRACKET FT424-4D	1 EA. CROSSMEMBER FT424-3
1 EA. PASS. SIDE BUMPER BRACKET FT424-4P	4 EA. 3/8" X 1 1/4" BOLTS
4 EA. 3/8" NYLOCK NUTS	8 EA. 3/8" SAE WASHERS

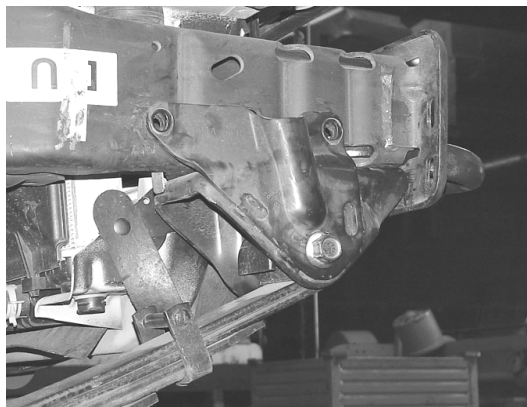
TOOL LIST:

FLOOR JACK AND JACK STANDS
ASSORTED METRIC AND S. A. E. WRENCHES AND SOCKETS

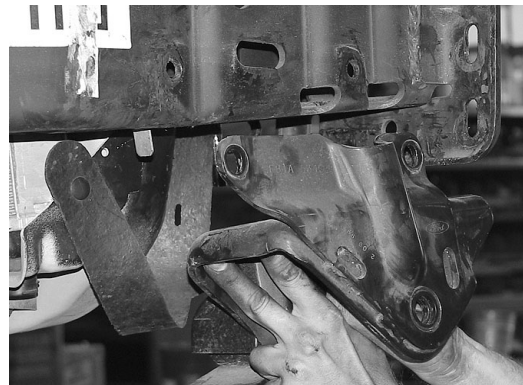
THIS FRONT KIT MUST BE INSTALLED WITH FTS7265 FRONT SHOCKS, WHICH ARE NOT INCLUDED WITH THIS KIT.

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

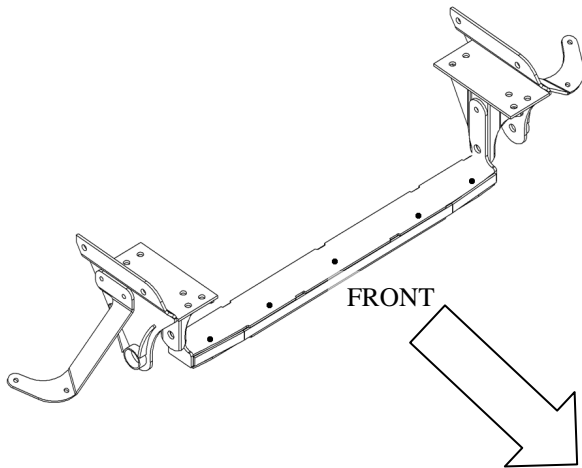
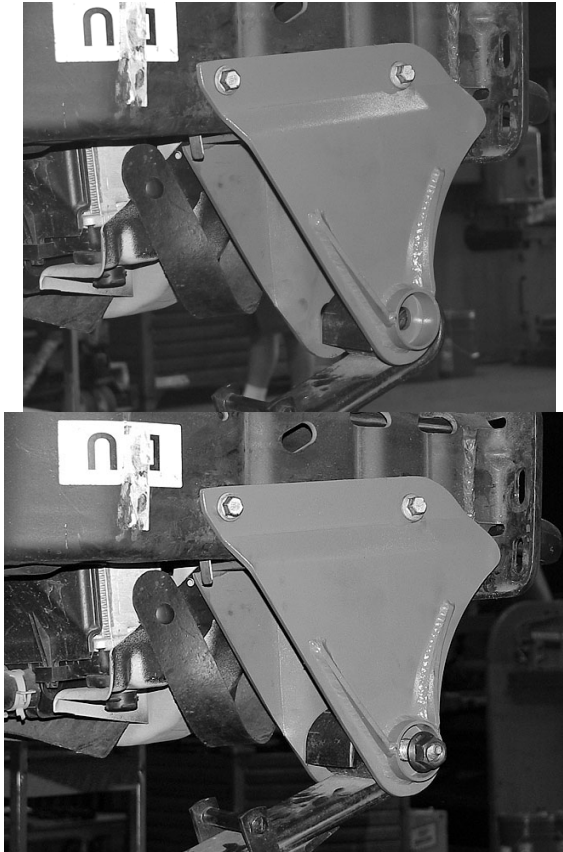
1. Disconnect the negative terminal on the battery. Jack up the front end of the truck and support the frame, at the front frame rails, with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE.** Remove the front tires.
2. Remove the front bumper from the truck and save all hardware. Set the bumper aside.
3. Supporting the front axle with two floor jacks, remove the front shocks and disconnect the sway bar end links from the frame mounts. Remove the bolt from the top end of the track bar, where it connects to the frame bracket and pull the track bar free of the bracket.
4. Loosen the four leaf spring bushing bolts, **DO NOT REMOVE THEM.** With the floor jacks supporting the axle, remove the front bushing bolts followed by the rear bolts that connect the top of the shackles to the frame, separating the shackles from the frame. Slowly lower the floor jacks until the leaf springs and shackles clear the frame mounts. **DO NOT LOWER THE AXLE BEYOND THE LIMIT OF THE BRAKE LINES, REMOVE THE BRAKE CALIPERS IF NECESSARY. SEE PHOTOS BELOW.**



5. Remove the seven bolts securing each front leaf spring bracket to the frame and slide the brackets off the frame. SEE PHOTOS BELOW.



6. Place the new front spring hanger onto the frame aligning the holes on the bracket with the existing holes in the frame. Make sure to use the proper bracket on each side of the frame, both brackets are labeled. Attach the bracket to the frame using the original hardware. Repeat this on the opposite side. Slide the crossmember in between the two spring hangers and insert the 2 original spring pivot bolts through the crossmember and the spring hangers. Place one of the supplied 7/16" bolts in each upper hole on the crossmember, with a washer on each side and a nylock nut. Once everything is aligned, fully torque all hardware. Pull out the front spring bolts out just enough to allow you to reinstall the front leaf springs. Raise the floor jacks supporting the front axle and align the front of the leaf springs with the holes in the hangers. Reinstall the original bushing bolts, but do not tighten. SEE PHOTOS AND DIAGRAM BELOW AND ON NEXT PAGE.



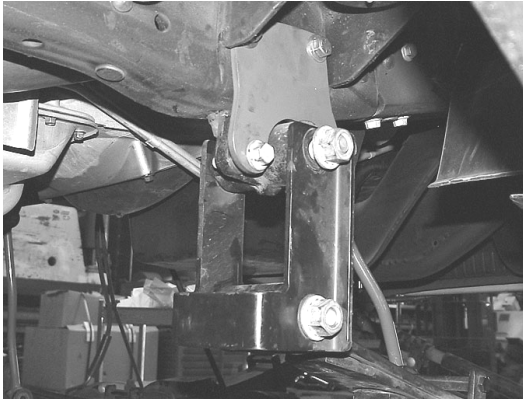
2000-2003 models only

7. Attach the new bumper brackets to the spring hangers using the supplied 3/8" hardware with a washer on each side, followed by a nylock nut. Attach the outer end of the brackets to the bumper using the factory hardware. Fully torque all hardware. Using the original self-tapping bolts, attach the lower valance to the bolt holes on top of the new crossmember. **On 2002-2003 models the stock bumper brackets will be reinstalled. SEE DIAGRAM ABOVE.**
8. Remove the four bolts securing the rear shackle bracket to the frame. Flip the bracket underneath the frame and reinstall the two lower frame bolts. Place the rear shackle bracket against the side of the frame with the welded spacers against the shackle bracket. Install the

supplied 7/16" hardware, with a flat washer on each side of the frame, in the upper bracket holes. Install the original bolts in the side of the bracket and fully torque all hardware. Repeat this on the opposite side of the truck. SEE PHOTOS IN NEXT COLUMN.



9. Raise the floor jacks supporting the front axle and align the shackle with the frame bracket. Insert the original bushing bolts, but do not tighten. SEE PHOTO BELOW.



10. Reconnect the track bar to the frame mount using the original bolt, but do not tighten. You may have to raise the jacks supporting the axle to align the hole. Install the new front shocks.

11. Reinstall the front bumper to the original location using the original hardware.
12. Put the front tires back on and fully torque the lugs. Factory lug nut torque specification can be found in your owner's manual. Raise the jacks supporting the front axle enough to release the jack stands from the front frame rails and set the truck back onto the ground. Fully torque all leaf spring bolts, shackle bolts and the track bar bolt. Reconnect the sway bar end links to the frame mounts and full tighten.
13. Check the torque on all fasteners and adjust the drag link to center the steering wheel. Drive the truck 1-2 miles and retorque all nuts, bolts, and lugs. Recenter the steering wheel if necessary.
14. Check front-end alignment and set to factory specifications. Re-adjust headlights.