



VALUE KIT
Part # FF25
2004 Ford F-150
2.5" Lift 4WD



Bill Of Material		
Part No.	Description	Qty.
EPS3456	POLY SPACER,04 F-150,FRONT	2
EPS3457	POLY SPCR,04 F-150,FRONT/REAR	2
10MMX70MMB	10 X 70 METRIC BOLT/10.9	6
10MMSHN	10MM HEX NUT,STANDARD CLS 8	6
38SAEW	3/8 SAE WASHER	6

INSTALLATION INSTRUCTIONS
FRONT

1. Layout all parts and check quantities against the Bill of Materials. Completely read instructions before beginning installation.
2. Jack the front of the vehicle in accordance to manufacturer recommendation and support with jack stands, so that the front two tires are off the ground
3. Remove the front tires/wheels.
4. Disconnect the steering linkage and push forward, out of way.
5. Separate the upper ball joint from the spindle. Use a ball joint separator or other suitable tool.
6. Remove upper strut nuts on the strut tower (3) on each side of vehicle that holds strut assembly to the strut tower (Fig. 1).
(Hint: Leave one nut on to prevent the strut from dropping out in the next step.)
7. Remove the lower strut bolt from the lower control arm and remove the strut assembly from the vehicle. (Note the direction of the bolt for reinstallation)

CAUTION: THE STRUT ASSEMBLY WILL DROP A LITTLE

8. Compress the coil spring on the strut assembly with a suitable coil spring compressor and remove the upper strut isolator mount nut.
9. Remove the compressed coil spring assembly from the strut.
10. Remove the coil spring isolator from the strut mounting plate.
11. Remove the 3 pressed in studs on the upper strut isolator mount and install the supplied 10mm bolts. Do not thread the nut on the backside.
12. Install the new Coil Spring Spacer to the upper strut mounting plate. This may require to be pressed in (Fig. 2).
13. Reinstall the compressed coil spring onto the strut assembly and re-attach the upper strut mounting plate.
14. Decompress the coil spring in the strut assembly. Make sure that the spring is seated correctly into the strut assembly alignment spiral.
15. Slide the Top Spacer onto the strut assembly over the new 10mm bolts (Fig. 3).
16. Install the strut assembly into the strut tower and start the upper three 10mm nuts with washer (Fig. 3). (Make sure that the bottom of the strut is aligned as well)
17. Install the lower strut bolt in the original position that it was removed. (Step 7)
18. Using the floor jack, raise the lower control arm and connect the upper ball joint on the upper control arm to the spindle.
19. Reconnect the sway bar end links and install the front tires/wheels.
20. Lower the vehicle onto the ground and tighten the upper strut tower nuts. (3 on each side)



Fig. #1



Fig. #2



Fig #3

