



www.skyjacker.com

## 2004-08 Ford F-150 Add - A - Leaf Instructions Part# R3415 / R3440

### Bill Of Material: R3415

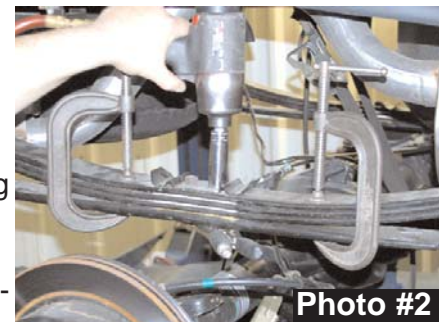
Part#	Description	Qty
R3415S	SGL ADD-A-LEAF,1-1.5"04F150	2
916X318X1012U	9/16 X 3 1/8 X 10 1/2 SQUAR	4
916FTN	9/16" FINE THREAD NUT	1
1204S	1/2 X 4 TIE BOLT W/NUT	4
12TBN	1/2" TIE BOLT NUT	4

### Bill Of Material: R3440

Part#	Description	Qty
R3440S	SGL ADD-A-LEAF,4"04F150	2
WS4320S-17/32	2 HOLES 1.574"CENTER	2
1204S	1/2 X 4 TIE BOLT W/NUT	4
12TBN	1/2" TIE BOLT NUT	4

### Installation:

1. Raise the rear of the vehicle and support the frame rails using jack stands. Remove the rear shocks using a 15mm and 18mm socket. (See Photo #1). Remove the rear U-Bolts using 21mm socket. Disconnect rear brake line bracket from the frame rail.
2. Lower axle down to gain access to rear leaf spring. To perform the installation of add-a-leafs properly you must use two large C-clamps to contain the elastic potential energy in a leaf spring when the center tie bolts are being removed. Attach and tighten a C-clamp on each end of the leaf spring to hold spring assembly securely together. (See Photo #2) Using vise-grips to hold the head of the two center bolts, loosen and remove them. With care, slowly loosen and remove the C-clamps.
3. Put the new Skyjacker Add-a-leaf in the factory spring pack with the long end to the rear of the truck. The new Add-a-leaf goes in the factory spring pack according to length.
4. Insert new tie bolts through new axle wedge shim (only used on R3440, thick end towards rear bumper), original bottom overload leaf, new add-a-leaf, and through original spring pack. Only finger tighten the nut.
5. **DO NOT USE THE CENTER TIE BOLTS TO DRAW THE SPRING LEAVES TOGETHER. FAILURE OF ANY COMPONENT CAN CAUSE AN EXPLOSIVE DISASSEMBLY AND POSSIBLE INJURY!** Place one C-clamp on each side of the center bolts and tighten evenly. Once C-clamps have drawn leaves securely together, hold the center tie bolt heads with vise-grips and torque nuts to 41 Ft. Lbs. Remove C-clamps. Cut off excess length of tie bolts. Install new U-Bolts and torque to 130 Ft. Lbs. Lower vehicle to the Ground.



**Seat Belts Save Lives, Please Wear Your Seat Belt!**