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## 2004 and Newer 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   |
| AST4          | ANTI SQUEAK TAPE            | 2   |

### 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   |
| AST4          | ANTI SQUEAK TAPE        | 2   |

### Installation:

**WARNING:** The tape used on these add-a-leaves contains fiber glass and teflon which may cause skin irritation.

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-leaves 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. As an added precaution, Skyjacker supplies teflon tape to aid any squeaking that might occur from friction on the add-a-leaf. Apply the supplied teflon tape to the **long end** of the add-a-leaf prior to installation. The tape **must** be applied so that it is flush with the end of the add-a-leaf. Photo #3 and #4 shows before and after tape installation.
3. 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.
4. 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.



Photo #1



Photo #2



Photo #2



Photo #3

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