Add-A-Leaf

Ford Super Duty F250/F350 Pickup | 2017-2020

Part #: 013219 Rev. 110419

491 W. Garfield Ave., Coldwater, MI 49036 • Phone: 517-279-2135

Web: www.bds-suspension.com • E-mail: tech-bds@ridefox.com



SAFETY WARNING

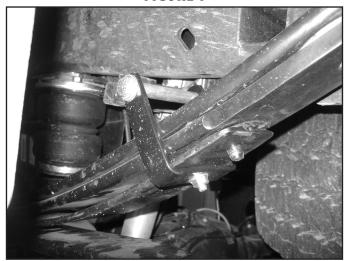
BDS Suspension Co. recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

INSTALLATION INSTRUCTIONS

- 1. Block the front wheels for safety.
- 2. Raise the rear of the vehicle and support with jack stands under the frame rails just ahead of the spring hangers.
- 3. Remove the wheels.
- 4. Support the axle with a hydraulic jack.
- 5. Remove the shocks. Retain all mounting hardware and shocks unless they are being replaced.
- 6. Disconnect the passenger's side spring U-bolts. Loosen the driver's side to allow the axle to droop out.
- 7. Lower the axle and remove the lift block, save for later installation.
- 8. Clamp the main leaf pack together with C-Clamps. Remove the center pin nut and center pin.
- 9. Allow the C-Clamps to expand. Remove the locating dowel that holds the overload to the bottom main spring. Discard the locating dowel it will not be reused.
 - Note: The locating dowel will be discarded and will NOT go into the add-a-leaf.
- 10. Install the Hendricks clamps onto the add-a-leaf to the bottom side of the leaf spring using the 5/16" countersunk bolt and nut from Bolt Pack 604. Install the anti-friction pads into the add-a-leaf.

| 013219 Box Kit | | |
|----------------|-----|-----------------------------|
| Part # | Qty | Description |
| 113219R | 2 | Add-A-Leaf |
| 105 | 4 | .500 x .049 x 3.125 Sleeve |
| 604 | 1 | Bolt Pack - Clamps |
| 01016 | 4 | 3"Wide Leaf Alignment Clamp |
| 1360017 | 4 | Tip Insert |
| 760600FCP | 2 | 7/16 x 6 Center Pin w/Nut |

FIGURE 1



- 11. Install the add-a-leaf below the main leaf pack and above the overload. The add-a-leaf has 2 holes in it. Position add-a-leaf so there is 22" between the center pin hole and the front, and 23" to the rear from the center pin hole.
- 12. Assemble the leaf spring with the factory overload, add-a-leaf, main leaf pack, and top mounted overload springs if equipped, and upper U-bolt plate with the provided center pin going through all of the leaf spring pack. Tighten center pin nut to 20 ft-lbs.
- 13. Install the sleeve to the Hendricks clamp using the provided 3/8" hardware from Bolt Pack 604.
- 14. Raise the axle to engage the block spring alignment pins. Fasten the entire assembly with the provided U-bolts, washers, and nuts. Snug but do not torque the U-bolts at this time.
- 15. Repeat add-a-leaf installation of the driver's side. Take care not to over extend the brake or ABS lines.
- 16. Install the shocks with the original mounting hardware.
- 17. Install wheels and lower the vehicle to the ground.
- 18. With the weight of the vehicle on the axle, torque the U-bolts to 130-150 ft-lbs.
- 19. Check all hardware for proper torque.