

## INSTALLATION INSTRUCTIONS: Add-a-leafs

**PART#5551, 5554, 5555**



### CONTENTS:

2 Add-a-leafs  
2 Center Bolts  
2 Hex Nuts

### TOOLS REQUIRED:

Floor Jack, Jack Stands  
Wrench set, Hacksaw  
C Clamp & Vice grips

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**Please read all instructions before beginning.**

1. Raise the rear of the vehicle and place the jack stands under the frame, behind the axle for support.
2. Remove the wheels for easier access and disconnect the axle vent hose.
3. Remove the U-bolts, nuts and washers. Set Aside.
4. Lower the axle enough to enable you to remove the necessary shorter leaves.  
NOTE: Your Add-a-Leaf must be installed according to its length. Place it in between the leaves that are shorter and longer than it.
5. Place the C Clamp on the spring assembly, excluding the shorter one(s) to be removed.
6. While clamping the vise grips on the head of the centerbolt, remove the hex nut from the spring. If rust has set in, a little rust remover may be needed.
7. Remove and discard the old centerbolt.
8. Remove the short leaves & set aside.
9. Stack the leaves with the new Add-a-Leaf, making sure they are in order according to their length. Insert the new centerbolt.
10. Place the shorter leaves and new Add-a-Leaf in a position with the spring in the vehicle and secure the centerbolt with the new hex nut. You may need to use the C Clamp to compress the whole spring to tighten the centerbolt.
11. Using the hacksaw, cut off any excess threads. Ding the threads with a hammer to keep the hex nut from backing off.
12. Do other side to this point now.
13. Reconnect the axle vent hose. Replace the U-bolts, nuts & washers and tighten securely on both side. U-bolt torque specs:  
1/2" 65-85 ft./lbs.  
9/16" 75-90 ft./lbs.
14. Replace the wheels, recheck everything to be sure everything is well tightened. Remove the jack stands and lower the vehicle.

NOTE: If this results in too much height, the shortest leaf may be removed.

**NOTE: CHECK AND RETIGHTEN SUSPENSION COMPONENTS AFTER THE FIRST 50 MILES, EVERY 500 MILES THEREAFTER AND EVERY OFF-ROAD USE.**

#### LIMITED WARRANTY

James Duff Inc. warrants our products to the original purchaser to be free from defects in materials and workmanship. Warranty periods begin at the date of purchase and varies by product. Shocks have a limited lifetime warranty. Headers, Radiators and Suspension Products have a one year warranty. Power Brake Boosters and Master Cylinders have a three year warranty. Adapters and soft goods such as Canvas tops, upholstery, vinyl and rubber products have a 90 day warranty. All warranties are to the original purchaser with proof of purchase only. Such obligations under this warranty shall be limited to the repair or replacement, at JDI's discretion, of any assembly or part which upon examination by JDI proves to be defective. Any costs of removal, installation, reinstallation or freight charges are expressly excluded from this warranty. This warranty covers only manufacturers defects, and does not cover product finish or damage resulting from abuse, misuse, negligence, racing, alteration, accident or damage in transit.

All returns must be pre-authorized by JDEI and accompanied with a Return Goods Authorization Number (RGA) and a dated proof of purchase. Returns must be made within 90 days of purchase, shipped prepaid, packaged in original cartons to prevent damage in shipment and sent to JDI, 3231 NW Park Dr., Knoxville, TN 37921 Returns without an RGA# will be refused.

This warranty is expressly in lieu of all other warranties, expressed or implied, including the implied warranties of merchantability and fitness for use. This warranty gives you specific legal rights including other rights that vary from state to state. Some states do not allow limitations on how long an implied warranty lasts, or do not allow the exclusion of limitation of incidental or consequential damages, so the above limitations and/or exclusions may not apply to you.

#### SUSPENSION PRODUCT INFORMATION

Modifying your vehicle with JDI products to improve off road performance may result in the vehicle handling differently than a factory equipped vehicle. Taller tires will cause the vehicle's speedometer to read slow, so recalibration is required. Use of oversize tires, suspension lifts, body lifts, and other modifications may raise your vehicle's center of gravity, resulting in an increased tendency for the vehicle to pitch and roll during sudden turns or abrupt maneuvering. Failure to drive with extreme care to prevent loss of control or vehicle roll over may result in injury or death. Drive at a reduced speed to ensure your ability to maintain control of the vehicle under all driving conditions. We recommend installing functional roll bars and cages as well as double shocking all vehicles for more safety and stability on or off road. Always wear seat belts when in a vehicle. Consult your owners manual for recommended tire sizes, safety instruction and warnings unique to your vehicle. It is your responsibility to check state and local laws restricting vehicle height to ensure that modifications to your vehicle are legal.