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## INSTALLATION INSTRUCTIONS FOR: RE1400 / RE1410 / RE1415 ADD-A-LEAF SPRING

### Safety Warning:

Suspension systems or components that enhance the off-road performance of your vehicle may cause it to handle differently, on and off-road, than it did from the factory. Care must be taken to prevent loss of control or vehicle rollover during sudden maneuvers. Failure to drive the vehicle safely may result in serious injury or death to driver and passengers. We recommend you always wear your seatbelt, drive safely and avoid quick turns and other sudden maneuvers. Constant maintenance is required to keep your vehicle safe. Thoroughly inspect your vehicle before and after every off-road use.

### Installation Warning:

We recommend that certified technicians perform the installations of our products. Attempts to install these products without knowledge or experience may jeopardize the safety of the vehicle. These instructions only cover the installation of our products and may not include factory procedures for disassembly and reassembly of factory components. Read instructions from start to finish and be sure all parts are present before disassembling the vehicle. Included instructions are guidelines only for recommended procedures and in no way are meant to be definitive. Installer is responsible to insure a safe and controllable vehicle after performing modifications. Do not perform test drives on public roads with partially completed installations. Always double and triple check your work before use.

### KIT CONTENTS:




RE1400/RE1410



RE1415

2 - Add-a-leaf springs

1 - RE1482 5/16" center pins 

2 - RE1480 (pair of clips) (optional on RE1415)



### REQUIRED TOOLS:

Basic mechanics' wrenches  
2 large c-clamps  
Jack and jack stands

### INSTALLATION:

- 1 Lift vehicle and support by frame.
- 2 Remove wheels.
- 3 Support axle.
- 4 Remove u-bolts.
- 5 Lower axle.
- 6 Remove spring eyebolts.
- 7 Remove spring.
- 8 Loosen any spring alignment clamps.
- 9 Use c-clamps to clamp spring pack on each side of center pin.
- 10 Remove center pin. Use vise grip pliers on center-pin head.
- 11 Carefully remove c-clamps.
- 12 Insert add-a-leaf into spring pack. Add-a-leaf will go into spring pack in such a way as to maintain the pyramid shape of the spring pack (see photo 1 for typical RE1400/1410 installation, or photo 2 for typical RE1415 installation).
- 13 Insert new center bolt through the spring pack with the head on the same side as the old one (spring perch side).
- 14 Use c-clamps to assist tightening of center bolt. Tighten to 20 ft/lbs.
- 15 Replace the spring alignment clamps. Reinstall spring pack and spring eyebolts into vehicle (do not fully tighten at this time).
- 16 Move axle into position and replace u-bolts.
- 17 Torque u-bolts to 80 ft/lbs.
- 18 Replace wheels, lower vehicle, then torque spring eyebolts to 100 ft/lbs.
- 19 Test drive.
- 20 U-bolts and spring-eye bolts must be re-tightened after the first 100 miles, and should be checked often.



Photo 1



Photo 2