



INSTALLATION INSTRUCTIONS

K40016 ADD-A-LEAF SPRING KIT

The K40016 Add-A-Leaf Spring Kit retrofits onto the following vehicles:

CHEVY

1982-98 S Series all 2WD/4WD
1972-82 LUV PU 2 WD

DODGE

1994-99 Ram 1500 2WD
1994-00 Ram 1500 4WD

FORD

1990-96 F 150 std or ext cab 2WD
1982-89 F 150 std or ext cab 2WD
1983-1996 Ford Bronco II 4WD
1983-1996 Ford Bronco II 2WD
1983-1997 Ford Ranger 2WD/4WD
1990-00 Ford Ranger 2WD
1983-97 Ford Explorer 2WD/4WD
1972-84 Ford Courier 2WD

JEEP

1984-01 Jeep Cherokee
1974-86 CJ-5/CJ-7/CJ-8 4WD
1967-73 Jeepster/C101/C101 w multileaf
Jeep Wrangler 1987-96 Front and Rear

LAND ROVER

1959-1981 All 4wd

MITSUBISHI

1986-91 Montero
1982-84 PU 2WD/4WD

NISSAN

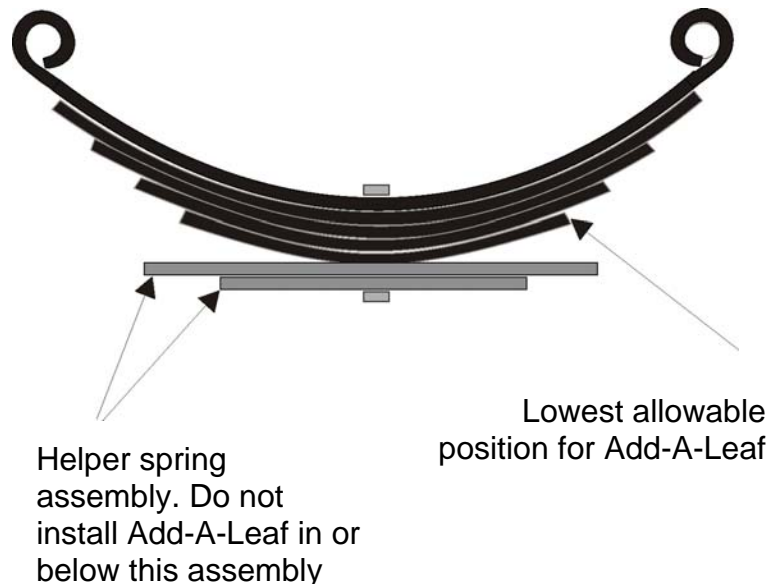
1968-1997 PU/Pathfinder 2WD/4WD

TOYOTA

1963-98 Toyota PU/4 Runner with 2.5" rear springs

The kit consists of two each 28" Leaf Springs and two sets of two each longer bolts and nuts of different diameters. The same diameter bolt currently on the vehicle should be used and the other set discarded.

- **PLEASE READ ALL INSTRUCTIONS COMPLETELY BEFORE BEGINNING THE INSTALLATION**
- You must use 2-large "C-clamps" or a large vise to contain the elastic potential energy stored in a leaf spring when the center bolt is removed.
- The new leaf spring will be placed in the existing spring assembly in a progressive pyramid shape. Example – if your number 1 Spring is 32" long and the next one is 25" long, the new Add-A-Leaf Spring should be placed between them.
- Some vehicles will have a flat helper stack. **SEE ILLUSTRATION – DO NOT INSTALL THE NEW ADD-A-LEAF SPRING IN OR BELOW THE HELPER SPRIN(S).**





INSTRUCTIONS:

1. Raise the rear of the vehicle, support the frame with jack stands and remove the rear wheels.
2. With a floor jack, raise the rear axle enough to relieve tension on the shock absorber and remove them. Disconnect the axle vent hose from the axles housing.
3. Make sure the axle is well supported and remove the axle U-bolt and attaching hardware. Remove the spring eye bolts and/or shackles and remove the springs from the vehicle.
4. Use C-clamps or large bench vise to hold the spring assembly securely together.
5. If applicable, remove any spring leaf alignment clamps. Using vise grips to hold the head of the center bolt, loosen and remove it. If the bolt is rusted, a hammer and drift punch may be used to drive it out. New bolts are supplied in the kit.
6. Carefully remove the C-clamps or vise and lay unassembled spring aside.
7. Apply a small amount of grease to both ends of the Add-A-Leaf. Re-assemble the leafed springs using the proper sized new center bolts/nuts with the new spring in the proper place. See earlier caution and illustration on page 1.
8. Loosely assemble the completed spring assemblies into their respective axle mounts. Replace the U-Bolts, nuts and washers and torque to factory specifications.
9. re-install the spring eye bolts and/or shackles and torque to factory specifications.
10. Reconnect axle vent hose and install shock absorbers.
11. Lower vehicle and test drive.

