



LOWERING SHACKLES

(UNIVERSAL TRUCKS WITH LEAF SPRINGS)

INSTALLATION INSTRUCTIONS

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(2) Leaf Spring Shackles

TOOLS REQUIRED

Jack and Jack Stands
8, 10, 15, 18, 19, 21, 22mm
Sockets/ Wrenches
Ratchet
Phillips Head Screwdriver
Pry Bar
Sledge Hammer
Spring Compressor

SKU # T619835 T619836 T620248 T620250

STEP 1



Locate the vehicle leaf spring shackle and mounting hardware. If necessary, lower the spare tire to access the inside of the shackle hardware.

Lift and support the vehicle using a floor jack, and place jack stands under the vehicle frame to support the vehicle. Place the floor jack under the center of the axle to apply pressure to the suspension. Remove the hardware securing the shackle to the frame. Adjusting the floor jack height may be necessary to allow bolt removal.

STEP 2



Remove the hardware securing the shackle to the leaf spring.

Note: Depending on the vehicle, removing the leaf spring bolt can be difficult. In most cases, the leaf spring/axle can be either raised to the bed and fit the bolt between the frame and the bed, or lowered to fit the bolt under the vehicle frame. Using a pry bar may be necessary to manipulate the bolt/leaf spring bushing.

STEP 3

Fit the new lowering shackle to the leaf spring, and secure using the original hardware. Then, fit the shackle to the frame mount, and secure using the original hardware. Lift/lower the jack to achieve proper alignment. Do not fully tighten the hardware until the vehicle suspension is loaded by the vehicle weight.

Repeat steps 1-3 for the opposite side of the axle.

STEP 4

Lower the vehicle to the ground, and tighten the shackle hardware to OEM specification.

Depending on the vehicle, removing the OEM leaf spring blocks may be necessary. Measure the vehicle height after the lowering shackles are installed to determine block removal.

Installation is now complete.