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PRO COMP SUSPENSION

Suspension Systems that Work!

INSTRUCTIONS:

PART # 52700
FORD REAR END SHIMS

Part #	Bill Of Materials Description	Qty.
90-3085	FORD REAR END SHIMS	8
97-120	1/2" X 3 1/2" GR. 8 USS. HEX MACHINED HEAD	4
72-050100811	1/2" GR. 8 USS. UNPLATED HEX NUT	4

Purpose:

This kit is designed to be used in addition to the factory leaf springs to obtain more height out of the rear of your vehicle. It can be used in conjunction with Pro Comp 2004 F150 kits.

Instructions:

- 1) Measure the vehicle from the center of the hub to the fender lip and record this measurement.
- 2) Block the front tires and raise the rear of the vehicle. Support the frame with jack stands forward of the rear springs.
- 3) Remove the rear wheels.
- 4) Unbolt the shocks at the lower shock mount on both sides of the vehicle. It may be necessary that you slightly raise the axle to unload the shocks for removal.
- 5) Support the rear axle with a floor jack and remove the U-bolts on the driver side. Loosen the U-bolts on the passenger side.
- 6) Using (2) c-clamps, clamp the spring together before removing the center bolts. See Illustration.
- 7) Remove the center bolts.
- 8) The (90-3085) shims are 1/4" thick you can use up to four per side.
- 9) Bolt the shims to the bottom of the leaf pack with the head of the (97-120) facing down and the nut on the top. When you are finished you may need to trim the excess thread from the center bolt, so that it does not hit the u-bolt bracket on top of the leafs.
- 10) If applicable, Install the lift block (95-300F) under the leaf spring on the axle pad,

making sure the pins are fitted into the holes on the spring perch. Use your floor jack to raise the axle to the spring making sure the heads on the factory leaf fit into the holes on the new lift block.

11) Secure the assembly with the supplied U-bolts (**13-90390**) and new high-nuts and washers from hardware pack (**20-65302**). Do not tighten the U-bolts at this time.

NOTE: Make sure the block sits flush on the axle perch.

12) Repeat the installation on the other side of the vehicle.

13) When the installation of the remaining side is complete, torque the U-bolts to 95 ft. lbs. If the threads are too long you can trim the threads over the distance of **1"**.

14) Reinstall the shocks and torque the bolt to the recommended factory specifications.

15) Reinstall the wheels and tires and lower the vehicle to the ground. Torque the factory wheels to 150 ft/lbs. If you are using aftermarket wheels follow the manufacturers recommended specifications.

16) Recheck the wheel lug torque on all four wheels at this time.

17) Recheck all hardware for proper installation and torque at this time.

18) On completion of the installation, have the suspension and headlights re-aligned.

19) After 100 miles recheck for proper torque on all newly installed hardware.

20) Recheck all hardware for tightness after off road use.

