Typical Leaf Spring, Hanger, Shackle & Shim
Installation Instructions

(Click on picture of part to purchase.)

Front of Truck

TYPICAL ASSEMBLY FOR SHIMS.

WHEN INSTALLING HANGERS IT IS NOT UNCOMMON TO HAVE TO TRIM BED SUPPORTS IN SOME CASES.

SHIMS ARE PLACED ACCORDING TO HOW YOUR AXLE AND LEAF SPRING ARE EXISTING TOGETHER. FOR EXAMPLE, IF YOUR AXLE IS ON TOP OF YOUR LEAF SPRING, THEN YOU MUST INSTALL THE TALLEST SIDE OF YOUR SHIM TO THE BACK OF YOUR VEHICLE. IF YOUR AXLE IS BELOW YOUR LEAF SPRING, THEN YOU MUST INSTALL THE TALLEST SIDE OF YOUR SHIM TO THE FRONT OF YOUR VEHICLE.

1. PLACE YOUR JACK UNDER THE PUMPKIN AND RAISE REAR END TO RELIEVE PRESSURE ON THE SHOCKS. REMOVE SHOCKS FROM LOWER MOUNTS AND LOWER JACK TO RELIEVE PRESSURE ON THE SPRINGS.
2. REMOVE FRONT SPRING BOLTS AND LOWER AXLE.
3. THE STOCK HANGER USING 2 WASHERS, ONE OUTER AND ONE INNER PER BOLT. TORQUE ALL BOLTS TO 100-115 LBS. AND RE TIGHTEN AFTER DRIVING.
4. IF NECESSARY USE A DRILL SO BOLTS WILL FIT WITHOUT DAMAGE TO THREADS.
5. INSTALL THE NEW HANGER IN EXISTING HOLES. TORQUE ALL BOLTS TO 100-115 LBS.
6. RAISE JACK UP UNTIL THE FRONT OF THE LEAF SPRING IS IN THE NEW HANGER.
7. REINSTALL FRONT SPRING BOLTS AND SHOCK ABSORBERS. NOTE: YOU WILL NEED TO RE-TORQUE ALL BOLTS AFTER DRIVING 100 MILES.

SHACKLES

1. PLACE JACK UNDER PUMPKIN AND RAISE REAR END TO RELIEVE PRESSURE ON SHOCKS. REMOVE SHOCKS FROM LOWER MOUNTS AND LOWER JACK TO RELIEVE PRESSURE ON SPRINGS.
2. UNBOLT STOCK SHACKLES BOTH TOP AND BOTTOM AND REMOVE STOCK SHACKLES SAVING ALL HARDWARE.
3. INSTALL SHACKLES AS FOLLOWS: USING THE TOP HOLE WILL LOWER THE TRUCK APPROXIMATELY 2". THE BOTTOM HOLE HOLE WILL LOWER THE TRUCK APPROXIMATELY 1 1/2". NOTE: WHEN INSTALLING FRONT HANGERS, DO NOT TIGHTEN REAR SHACKLES AND PROCEED WITH HANGER INSTALLATION FIRST.

GENERAL INSTRUCTIONS FOR LEAF SPRINGS

1. RAISE THE REAR END WITH A JACK TO RELIEVE TENSION ON SHOCKS. REMOVE SHOCKS FROM LOWER MOUNTS AND LOWER JACK TO RELIEVE PRESSURE ON SPRINGS.
2. REMOVE FRONT AND REAR SPRING BOLTS AND U-BOLTS, TO FREE SPRING.
3. INSTALL NEW LOWERED LEAF SPRINGS. USE FACTORY HARDWARE AND BOLT TOGETHER (IN REVERSES ORDER). MAKE SURE SPRING BOLT LINES UP WITH AXLE.
4. YOU WILL NEED TO RE-TORQUE ALL BOLTS AFTER 100 MILES.

GENERAL INSTRUCTIONS FOR SHIMS

1. AFTER THE SPRING HAVE BEEN REMOVED FROM THE TRUCK, AND BEFORE THE AXLE SADDLES ARE INSTALLED, IS THE POINT TO INSTALL THE SPRING CENTER BOLTS AND NUTS.
2. CLAMP THE LEAF SPRING PACK TOGETHER WITH 2 C-CLAMPS, APPROX. 6" ON EACH SIDE.
3. REMOVE THE STOCK CENTER BOLT AND NUT.
4. INSTALL THE NEW 6" SPRING CENTER BOLT UP THROUGH THE SPRING PACK. W/NUT ON TOP.
5. CUT EXCESS LENGTH OF THE BOLT AWAY LEAVING APPROXIMATELY 1/2" OF THE THREADED BOLT THROUGH THE NUT. TIGHTEN SECURELY.
6. REMOVE C-CLAMPS FROM THE SPRING PACK. & CONTINUE YOUR KIT INSTALLATION.
7. WHEN YOU REACH THE POINT OF SADDLE INSTALLATION, THIS IS THE TIME TO INSTALL THE WEDGES.
8. THE WEDGE FITS IN BETWEEN THE SADDLE AND SPRING PACK, THICK END TOWARDS THE REAR. (DEEPENING ON VEHICLE MODEL, SEE ILLUSTRATION)
9. SEE THE ILLUSTRATION WHICH SHOWS THE CORRECT POSITION OF THE WEDGE AND CENTER BOLT.
10. MAKE SURE THE WEDGE IS COMPLETELY IN PLACE PRIOR TO TORQUING THE U-BOLTS.
NOTE: U-BOLTS MUST BE CHECKED & RE-TORQUED EVERY 500 MILES FOR THE FIRST 2000 MILES.