



INSTALLATION INSTRUCTIONS

Sprung Axle Shock Absorber Kits

K71-175-01: Single Axle Shock Kit

Installation requires skilled welding to attach the upper shock mounting bracket to the frame, ensuring no damage to the trailer frame.

CAUTION

Do not lift or support the trailer on any part of the axle or suspension system. Never go under any trailer unless it is properly supported on jack stands which have been rated for the load. Improperly supported vehicles can fall unexpectedly and cause serious injury or death.

1. Jack up trailer following trailer manufacturer's instructions. Removal of tires and wheels is optional but generally beneficial to provide additional work space. Remove U-bolt nuts and existing tie plates, then install new tie plates. Select either inboard or outboard shock orientation. Install the appropriate flat washer over the U-bolts at the slotted holes. It is recommended that new U-bolts and nuts be used (not included). Install U-bolts and nuts, then torque to 45-75 ft.-lbs. Install shock absorber in the lower tie plate bracket. Temporarily install top mounting bracket on shock absorber (Fig. 1).
2. Replace tires, lower trailer back down onto tires and level so that equalizer(s), if equipped, are parallel to the trailer frame. With full load on the springs, extend the shock absorber out 1/2 full stroke. Carefully mark the location of the upper bracket. Shock should be angled between 50 to 60 from the trailer frame. Remove upper bracket from shock absorber and weld bracket securely in place at the marks. Do not weld with shock absorber attached to bracket or the rubber bushings will be damaged.
3. Once the upper shock bracket has cooled from welding, reinstall shock absorber, rubber bushing, retaining washer and hex nut. Do not over tighten shock hex nuts. This will cause rubber to expand beyond cupped retaining washers.

K71-697-00: Shock Replacement Kit

1. Remove old shocks.
2. Install shock absorber in the lower tie plate bracket (Fig. 1) with parts shown. Install parts loosely with fingers.
3. Finish installing shock absorber loosely with fingers in upper bracket with parts shown.
4. Do NOT over tighten shock hex nuts and cause rubber bushing to expand beyond cupped retaining washers.

Figure 1

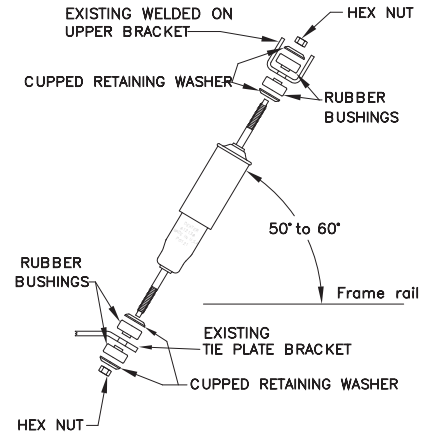
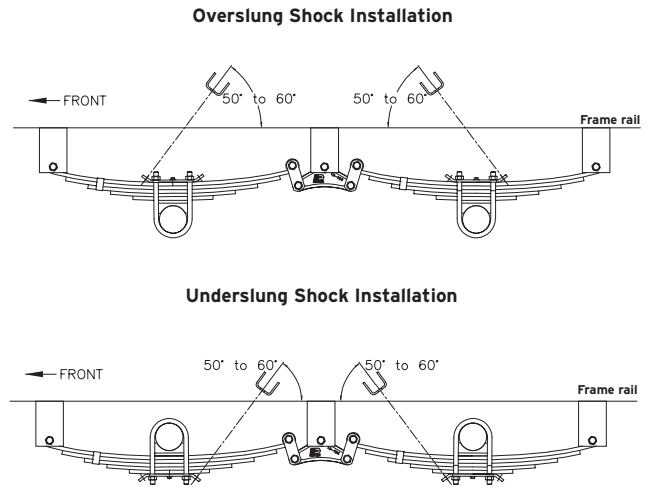


Figure 2



SCAN BELOW FOR LIGHT DUTY SERVICE MANUAL (LIT-001-00)



SCAN BELOW TO LEARN MORE ABOUT LEAF SPRING AXLES

