

Shock Absorber Installation Instructions for K71-175-01

1. Installation of this kit requires skilled welding to attach upper shock mounting bracket to the frame, so that no damage is done to the trailer frame.
2. Raise the trailer and support with lift stands or jack stands of sufficient rated capacity. **DO NOT RELY ON JACKS ALONE TO SUPPORT THE VEHICLE!**
3. 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 (012-055-01). Select either inboard or outboard shock orientation. Install the appropriate flat washer over the U-bolts at the slotted holes. **Note: It is recommended that new U-bolts and U-bolt nuts be used. These are not included in the kit.** Install U-bolt nuts and retorque between 45 and 70 lb.-ft. Install shock absorber in the lower tie plate bracket as shown in Figure 1. Temporarily install top mounting bracket on shock absorber as shown in Figure 1.
4. Replace tires if they were removed. 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 $\frac{1}{2}$ 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. **Note: Do not weld with shock absorber attached to bracket or the rubber bushings will be damaged.**
5. 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.

Shock Absorber Assembly

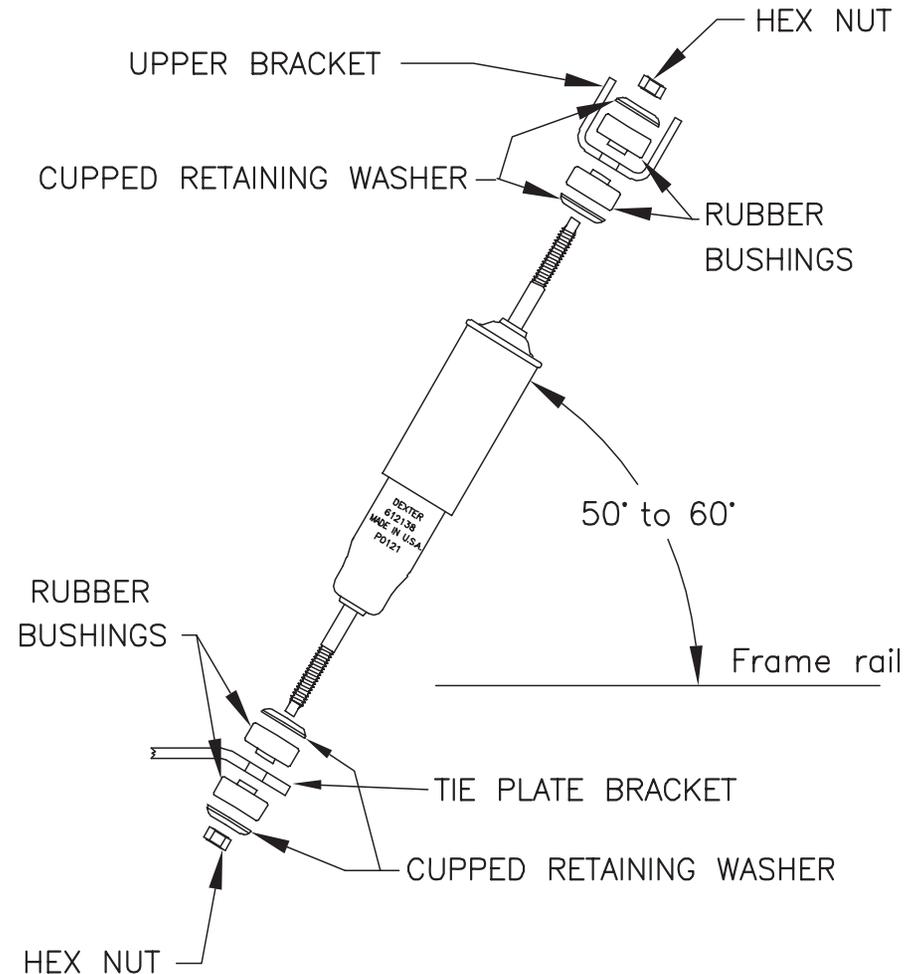
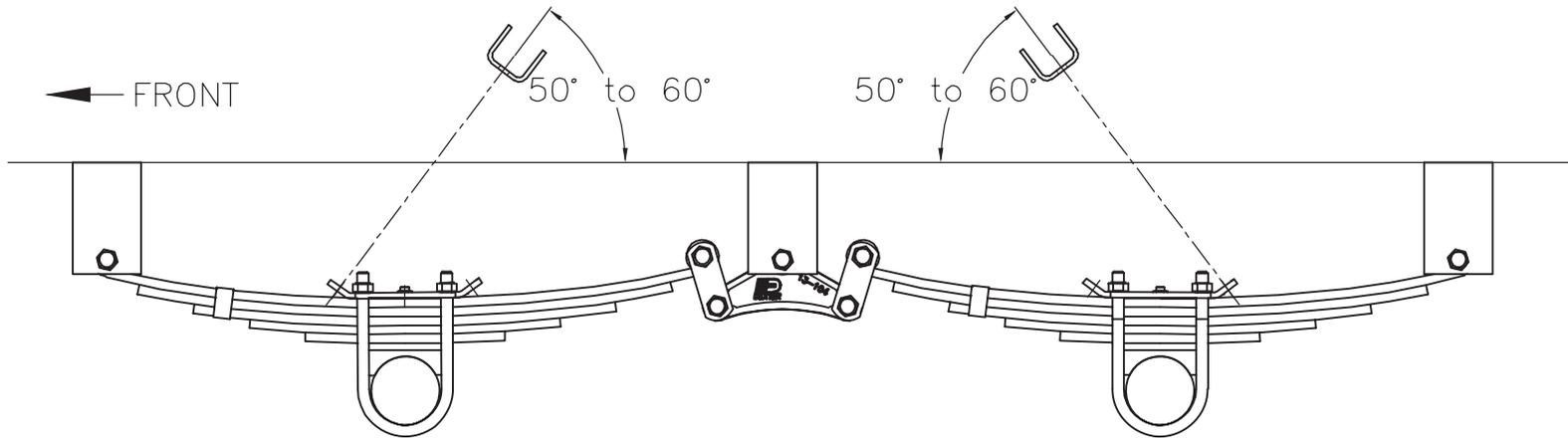


Figure 1

Overslung Shock Installation



Underslung Shock Installation

