

24862 Modern Shock Installation Instructions

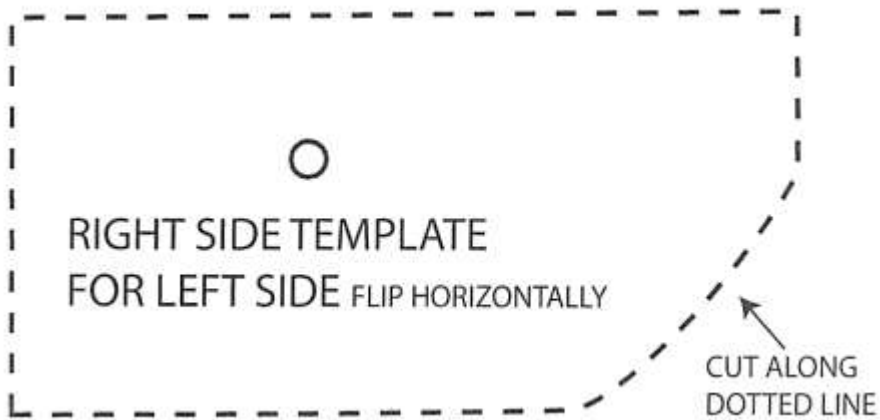
Front Axle:

- 1) If you have shocks installed on the vehicle, remove the shock from the frame, and the linkage from the front Axle. These components will not be used with this kit.
- 2) Find the bag of hardware labeled Front Lower Bracket Hardware, and the four pieces for the front lower bracket.
- 3) Insert the $\frac{1}{2}$ -20 x 3 $\frac{1}{4}$ " grade 8 hex bolts through the brackets with the large round washer welded to it. Insert the bolt from the side with the two grooves machined into it. These are the front lower anchoring studs for the shock. Place the front bracket against the front of the axles and the rear flat plate with two machined grooves along the back. Then using the $\frac{1}{4}$ -20 x 2 $\frac{1}{4}$ grade 8 hex bolts and lock washers loosely fasten the two halves together. Position the brackets about 12" on center from the king pin locking bolt. Tighten all bolts firmly.
- 4) Find the Upper Brackets that are Stamped RF (Right Front), & LF (Left Front), and the bag of hardware marked Upper Shock Mounting Bolt Kit. Using the 7/16-14 x 1" hex head bolt, nuts, and lock washer mount the brackets to the frame using the original mounting holes. Mount the silver shock mounting bolts to the brackets and snug firmly to the bracket.
- 5) Install the shock assembly (put some liquid soap on the stud to help the shock slide on easily) and make sure that all hardware is securely tightened.

Rear Axle:

- 1) If you have shocks installed on the vehicle, remove the shock from the frame, and the linkage from the front Axle. These components will not be used with this kit.
- 2) Jack up the car and put jack stands under the rear end. Remove the rear wheels, rear hub & drum, and emergency brake bands. Also, remove the two rear bolts and special nuts that hold the backing plate onto the axle housing.
- 3) Locate the bag of bolts labeled Modern Drill Style Lower Bolt set. Using the $\frac{1}{2}$ -20 x 2 $\frac{3}{4}$ " grade 8 hex bolt and thick washers install those bolts onto the lower brackets. The washer and threaded end of the bolt are on the opposite side as the flange.
- 4) Using the attached template below mark the location for the $\frac{1}{2}$ " hole in the rear cross member. Some cross members have a large flange stamped into them. This flange will need to be ground away to make clearance for the shock.
- 5) You will need to remove the wheel, hub and drum assembly to get to the bolts that mount the backing plate to the axle housing. Remove the two rear bolts and nuts.
- 6) Find the four long backing plate bolts included with your set and the four thin washers'. Place the rear lower bracket on the axle housing with one of the thin washers between the shock bracket and the axle housing. Then insert the long backing plate bolt and then tighten all the bolts firmly.
- 7) Put some liquid soap onto the shock mounting bolt to help make installing the shock a bit easier.

- 8) Double check that all bolts, nut, & cotter pins are installed firmly and reinstall the hub, drum, and the wheels.



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