64-70 MUSTANG 4-LINK KIT

HEXTTK9

Prep
Jack up your car. Remove the e-brake cables, drive shaft and rear axle assembly, including shocks and leaf springs. Remove the rear section of the exhaust system.

Assemble top crossmember
Using the ½ inch bolts and nuts supplied, assemble the top crossmember with the end saddles. See Figure 1. Leave the bolts loose, as the width will need to be adjusted to fit the frame rails. Install the top crossmember assembly up onto the frame rails under the floor. See Figure 2. Be certain that the bottom of the "U" channel is firmly seated against the bottom of the subframe rail. The crossmember is oriented with the panhard bracket on the passenger side, and is located with the back edge 16-3/8 inch from the center of the rear spring shackle hole. See Figure 3. It may need some trimming of the front edge to get it into location. Using the crossmember end saddles as a template, drill the ½ inch diameter holes through the factory frame rails and bolt securely in place. Holding the crossmember to the end saddles, tighten the bolts.

Install front link brackets
The front link brackets are inserted in the front leaf spring pockets on the front factory frame rails. Locate using the front holes on the front leaf spring mounts. See Figure 3. Drill ½ inch holes through the factory frame rails and bolt the sides of the front mounts using the reinforcement plates in the inner side of the rails. See Figure 3. Make sure to install the 1-¾ inch x 1-¼ inch spacer through the large hole into the inside of the factory frame rail. Secure with ½ inch bolts. See Figure 6.

Install 4-link & panhard brackets
If you are installing the 4-link and panhard brackets on your own housing, they are located 43-¼ inches apart. They are centered equal distance from the outer ends of the housing. See Figure 4. The panhard bracket is positioned as shown in Figures 4 & 5. The pinion angle should also be built into the bracket positioning.

Install link bars, coil springs & panhard bar
Install the link bars with the adjusters to the rear into the mounts in the front frame brackets. Position the rear axle housing in place and install the bars into the brackets on the housing, using ⅝-18 bolts and nuts. Using the ⅝-18 x 2-¾ inch bolts and nuts, assemble the coil springs onto the shock assemblies. Install them into the upper mounts and onto the housing using the ⅝-18 x 7 inch bolts, spacers and nuts provided. Now install the panhard bar using the ½-13 bolts and nuts. Adjust the panhard bar to center the housing. The upper bars will position the housing, and the lower ones will set the pinion angle. See Figure 6.

Wrap it up
Install the third member, then install the axles and brakes. Connect the brake lines and bleed the brakes. Lastly, install the drive shaft and emergency brake cables.

NOTICE: Bars may require shorter length then supplied. Verify the length of the bars necessary for installation, trim to fit, then weld in bungs.

User Guid & Installation Manual

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suspension steering brakes

FIGURE 1

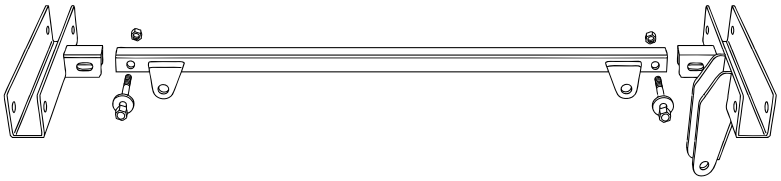


FIGURE 2

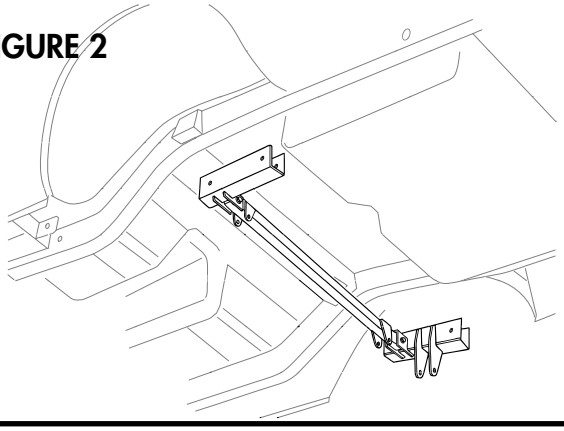


FIGURE 3

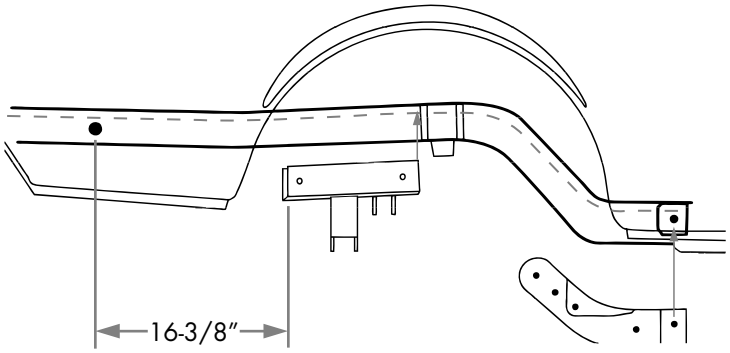


FIGURE 4

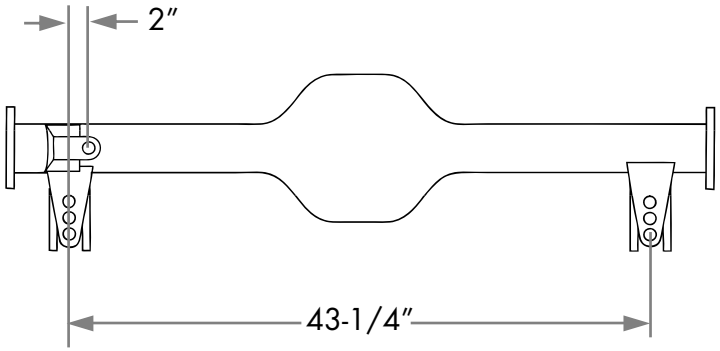


FIGURE 5

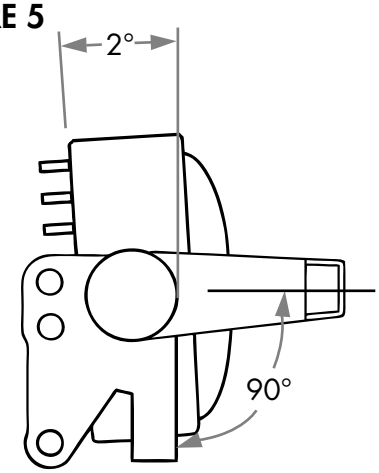
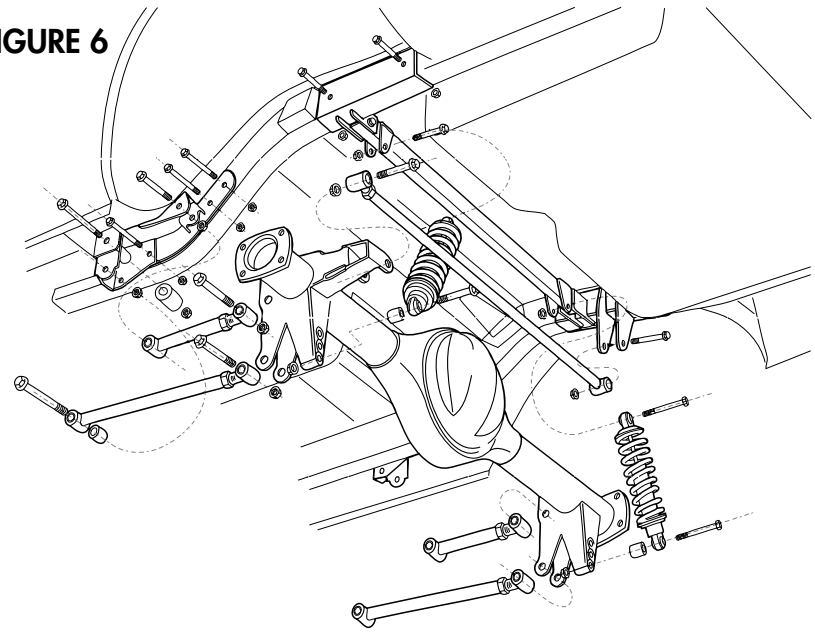


FIGURE 6



BAR SIZING & MODIFICATION

In some installation cases you may wish to relocate one or more of the mounts to a different location to increase performance, or accommodate other modifications you have made to your vehicle. As such, this kit offers trim to fit bars. Please follow the steps below to ensure proper fitment for your vehicle.

1.)Measure needded length

2.) Cut bar xx shorter

3.) Weld end into bar