

Installation Instructions

AIR SPRING TUBULAR LOWER FULL A-ARMS

*Please read these instructions completely **BEFORE** starting your installation!*

Your HEIDTS Hot Rod Shop Tubular Lower Full A-Arms contains the following items:

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| 2) Lower A-Arms with Ball Joints and Bushings installed | 2) Inner Bushing Bolts |
| 2) Ball Joint Boots | 2) Crossmember Spacers |
| 2) Ball Joint Nuts, Cotter Pins & Nut Spacers | 2) Rear Spacers |
| 2) Ball Joint Nut Spacers | 2) Gussets |
| 2) Bottom-Out Snubbers & Nuts | 2) Inner Bushing Washers |
| | 2) Lower Shock Bolts & Nuts |

To begin installing your Mustang Lower A-Arms, the holes where the lower control arms attach to the Crossmember must be enlarged. Drill out the holes to 5/8". Mount the Crossmember Spacers and the Rear Spacers onto the Crossmember using the supplied Inner Bushing Bolts, Nuts and a temporary spacer under the Nuts. **DO NOT** use the A-Arms for this operation as the welding heat will melt the rubber bushings. Tighten the Bolts and Nuts tight. Weld the Rear Spacers to the Crossmember all around. Weld the Crossmember Spacers as far as possible on both ends. Position the Gussets horizontally, not vertically, against the Rear Spacers and the back of the Crossmember. Weld Gussets to Spacers and Crossmember. When it cools, remove the bolt and install the Lower A-Arms, using the Washers as shown. Raise the A-Arms to a horizontal position and tighten the bolts securely. Pull the A-Arms down and install the coil springs. Place a floor jack under the ball joints and raise the A-Arms enough to install the shocks, using the new Lower Shock Bolts supplied. Complete the assembly by installing the spindles, using the Ball Joint Spacers under the Nuts **AS SHOWN, NOT** on the boots. Install Cotter Pins. If, after driving, the car settles to a point where the Lower A-arms are no longer level, loosen the Nuts on the Inner Bushing Bolts, bounce the suspension to release the stress in the Inner Bushings, and tighten the Nuts with the A-Arms in their new angled position. Failure to do this step may result in premature failure of the Bushings.

