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Installation Instructions
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1979-2004 Mustang Lower Torque Box Reinforcements Item # 1000 & 1020

1. Block front wheels and jack up rear of car to a good working height, support with jack stands, make sure car is stable.
 2. Remove back seat bench, remove any rubber plugs in floor pan. Plugs might already be missing.
 3. Remove the (2) 18mm nuts from the front mounting points of the lower control arms. **NOTE:** The nuts should be on the outboard side of the control arms, inside the stock torque box area. If not, the bolt will need removed to install reinforcements.
 4. To remove lower control arm bolt, make sure jack stands are under the frame of the vehicle and rear end housing is supported by the jack. Unbolt the lower shock bolts and lower the rear end housing until coil springs have minimal compression before removing the lower control arm bolt.
 5. With the nut removed you may now install your reinforcements into place. D for driver's side and P for passenger side.
 - a. **79-93 Models-** You should be able to twist or curl the reinforcement into place with out trimming torque box area. Some cases may require slight trimming.
 - b. **94 and up Models-** You will have to trim the torque box opening slightly larger in order to fit reinforcements into place. This can be done using an angle grinder. Also 94 and up models with ABS will have to relocate the anti-lock brake wire in floor pan into a new location.
 6. Place the single 1/2" hole over the lower control arm bolt so the (4) 3/8" holes are facing the underside of the floor pan. Reinstall the 18mm nut and torque FIRMLY. Repeat on other side. You may also consider using lock tight.
 7. Using a 3/8" drill bit, drill through the (4) 3/8" holes from underneath the car. These holes will be going through the floor pan and end up under the rear seat. **NOTE:** One hole might line up with the existing hole where rubber plugs were removed.
 8. Now install 6x6 steel plates from inside the car. Align the (4) holes with the 3/8" holes drilled in step 7. Tighten reinforcement and flat plate together using supplied hardware. Install the bolts from the inside of the car so the nuts end up under the car. Welding the top plate and reinforcement is optional but highly recommended.
 - a. **79-93 Convertible Model-** These models may require trimming of the 6x6 steel plates for clearance issues under the rear seat inside the car.
- NOTE:** If welding make sure all sound deadening material from inside the car is cut back far enough to prevent any burning or fires. **Use extreme caution with open flame!**

Thank you for Putting Your Trust in A UMI Performance Product!
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Ford Mustang Lower Control Arm Reinforcements Item# 1000 & 1020

UMI Performance Inc.
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Image 1- Lower Box Installed under Car (Lower Control Arm front mounting point)



Image 2- 6x6 Steel Plate shown installed inside car under back seat bench

