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Installation Instructions
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05-Present Mustang Chrome Moly Double Adjustable Panhard Bar w/ Roto-Joints
Item # 1055CM



*******Please Read*******

About your Roto-Joint- All Roto-Joint items are shipped fully assembled and ready to be installed. They are *not* pre-greased and will require a few pumps of grease before being used. We do not recommend disassembling the Roto-Joint. The Roto-Joint is a tight tolerance item and disassembling it can damage the delrin lining inside. Only disassemble the Roto-Joint for rebuilding, if this would occur. The internals of the Roto-Joint are held in using inner lock washers that apply pressure to the entire assemble. If the delrin lining would ever wear simply use the spanner wrench and turn the adjusting ring clockwise until it is tight.

- 1.** Jack up rear of vehicle to a good working height, make sure both rear wheels are off the ground. Place (2) jack stands under the frame. **Do not Support by rear axle.**
- 2.** Using 18mm wrench/socket remove both panhard bar bolts and remove panhard bar from vehicle. Save Bolts to reinstall new panhard bar.
- 3.** Place the new adjustable panhard bar on top of the OEM bar removed. Set the adjustable panhard bar to the approximate length of the OEM panhard bar. To adjust length, loosen both jam nuts, screw each rod end either in or out to shorten or lengthen panhard bar. When adjusting off the car screw each side in or out equally.
- 4.** Install the panhard bar into location by placing the hex end on what ever side you feel is more comfortable for adjusting. Face the grease fittings towards the ground.
- 5.** Use the OEM hardware from step number two and secure the panhard bar in place. Do not tighten bolts yet; the vehicle's weight must on the rear axle before tightening to prevent bushing preload and inconsistent vehicle height.
- 6.** Jack up the vehicle by the rear axle, remove jack stands from frame and place the stands under the rear axle. Release the jack and let the vehicle weight rest on the jack stands. Both panhard bar bolts can now be tightened since the suspension is loaded.

Adjusting your Panhard Bar- With the panhard bar installed you can now adjust the rear end for proper centering. To determine if adjustment is needed, with the vehicle on the ground measure the distance from each rear wheel to fender well, this will determine which way the axle needs to be moved. For example, by shortening the panhard bar you are moving the axle to the passenger side; by lengthening it you are moving it towards the driver's side. If panhard bar needs adjusted loosen each jam nut, place a 1 ¼" wrench on the hex side of the bar and turn for proper length. Once desired length is set tighten each jam nut. *Note:* Check jam nuts often, over time they may require you to retighten.

Thank you for Putting Your Trust in A UMI Performance Product!
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05-10 Mustang Adj. PHB w/ Roto-Joints

UMI Performance Inc.
Made in Pennsylvania, USA