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Installation Instructions

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2005-Present Mustang Lower Control Arm Relocation Brackets- Bolt In Item # 1060



Note: Bolt-in brackets are for street use and light drag racing use only (with street tires). We recommend welding these brackets when engine modifications are done (heads/cam, NOS, turbo, supercharger) or when traction or launch is enhanced (drag radial, slicks, trans brake, etc). Drag car owners should weld these. Please contact us if you are unsure if welding is required.

1. Block front wheels and jack car up to good working height. Position jack stands under vehicle frame to allow rear end to hang freely. Make sure car is stable.
2. Begin by loosening but do not remove all (4) lower control arm bolts. Using a jack apply slight pressure to the yoke, follow steps below.

Only install one side at a time. Begin with the passenger side

1. Remove rear control arm bolt from the rear end and swing control arm down. Use the jacks up and down movement to help ease bolt removal. 2008 and up models have a rear dampener installed on each side, if equipped remove the dampener- See Image 1.
2. Locate the passenger side bracket and slide it over the control arm mount, line up the dampener bolt hole first. If the vehicle was equipped with a dampener reinstall it at this time. If the vehicle did not come equipped with the dampener or you wish not to reinstall the dampener use the supplied M12 x 25mm bolts in this hole. Do not tighten bolt at this time, let it loose.
3. Locate the supplied M10 x 30mm bolt, (2) washers and lock nut. Install bolt on back side of bracket but do not tighten. See Image 2.
4. Locate the supplied 2.440" wide steel sleeve. Place sleeve in rear end control arm mount where factory control arm was removed. Use the factory control arm bolt and install it through the bracket. Do not tighten bolt. See Image 2
5. Now torque the dampener bolt to 60 ft lbs and the M10 x 30mm bolt to 50 ft lbs.
6. Swing the lower control arm up to the lowest hole; use the jack to rotate the rear end forward and line the control arm up with the bolt hole. You may also need a buddy to push the rear end forward. Use the new supplied M14 x 100mm bolt, (2) flat washers and a lock nut, install control arm in place. Do not tighten M14 bolt at this time. You may now tighten the factory bolt to 90 ft lbs. *Note: The suspension must be fully loaded before tightening lower control arm bolt, leave loose at this time.*

Drivers Side-

1. Remove rear control arm bolt from the rear end and swing control arm down. Use the jacks up and down movement to help ease bolt removal. 2008 and up models have a rear dampener installed on each side, if equipped remove the dampener- See Image 1.
2. Locate panhard bar bolt on driver's side. Loosen bolt and remove nut, bolt can stay in place. See Image 1
3. Locate the driver's side bracket and slide it over the control arm mount. Line it up with both the dampener bolt hole and the panhard bar bolt. Locate the small supplied 3/8" thick spacer and install it between the bracket and dampener bolt hole. The driver's side relocation bracket ties into the panhard bar for extra support. If the vehicle was equipped with a dampener reinstall it at this time. If the vehicle did not come equipped with the dampener or you wish not to reinstall it use the supplied M12 x 25mm bolts in this hole. *Do not tighten bolt at this time, let it loose.*
4. Follow steps 4-6 from passenger side
5. Load the suspension fully and tighten the panhard bar bolt and both lower control arm bolts. Torque all (3) bolts to 90 ft lbs.

Image 1

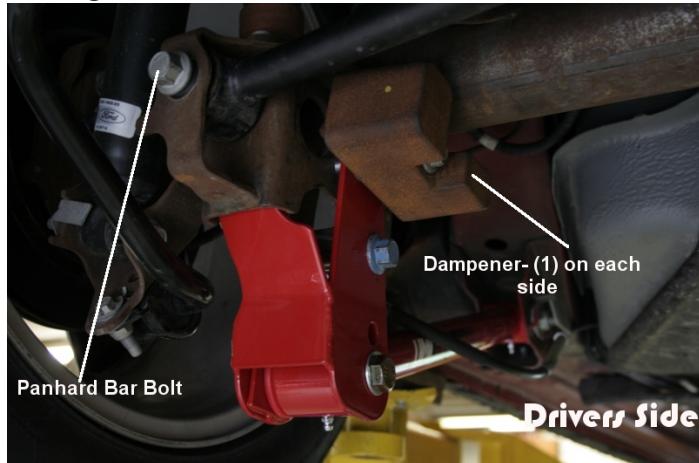


Image 2

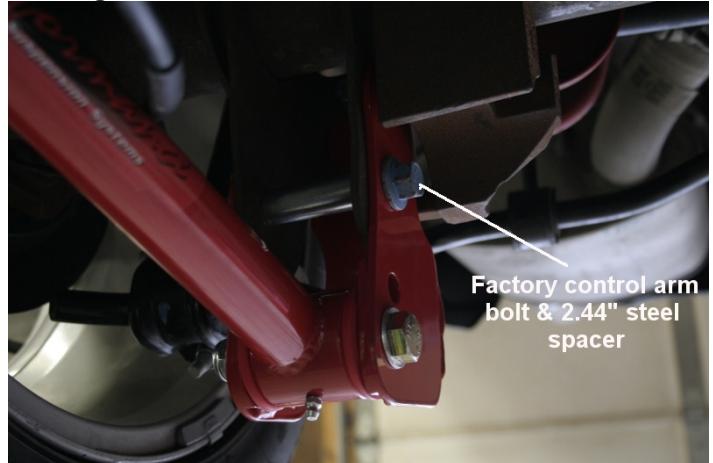
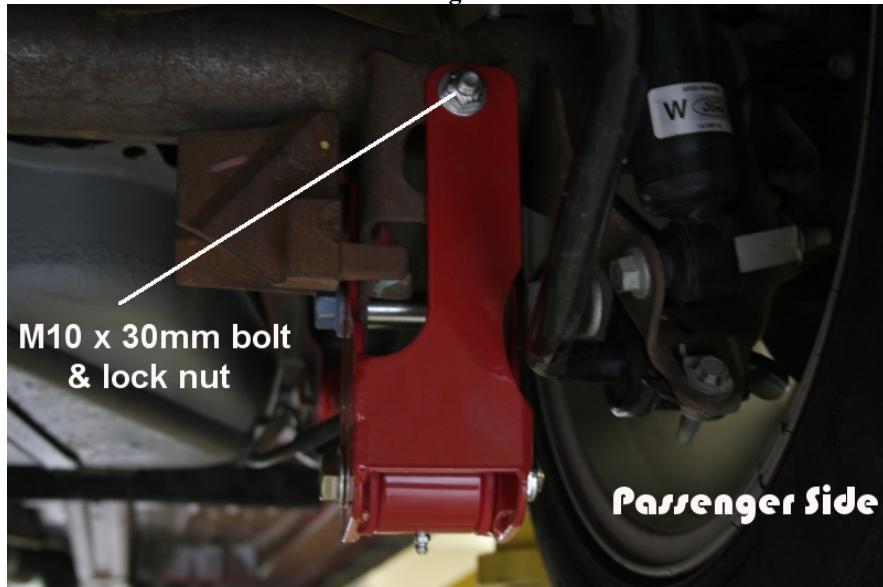


Image 3



Item # 1060

05-10 Mustang Bolt-In Relocation Brackets

UMI Performance Inc.
Made in Pennsylvania, USA