

Lower Control Arm Relocation Brackets – Bolt-In
Item #3018



Box Contents:

- (2) Lower Control Arm Relocation Brackets
 - (1) Driver Side
 - (1) Passenger Side
- (2) M12 x 100 Bolt
- (2) M12 Flat Washer
- (2) M12 Lock Nut
- (2) 7/16" x 4" Bolt
- (2) 7/16" Flat Washer
- (2) 7/16" Lock Nut
- (2) Steel Sleeve
- (2) 3/8" x 1" bolts
- (2) 3/8" Flat Washer
- (2) 3/8" Lock Washer
- (2) 3/8" Nuts
- (1) Installation Instruction Sheet

Applications:

* 1978 – 1988 GM G-Body

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Installation Instructions
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1. Block the front wheels and jack the vehicle up to a good working height. Position jack stands under the vehicle frame to allow the rear end to hang freely. Make sure vehicle is stable on jack stands.
2. **ONLY INSTALL ONE SIDE AT A TIME.** Begin with driver's side by removing the rear tire and unbolting the lower control arm (LCA) from its rear mounting point and let the LCA swing down. The rear end may shift forward. Do **NOT** remove the LCA from its front mounting point.
3. Place a jack under the rear axle tube as close to the rear mounting point as possible without interfering with the installation of new hardware.
4. Loosen and remove the shock nut and bolt from the rear axle, using the jack to hold the rear axle up.
5. Carefully slide the relocation bracket onto the rear axle, lining up the shock bolt hole and factory location hole for the LCA.
6. Re-install the shock stud with factory nut. Do **NOT** tighten at this time. Use the supplied 7/16" bolt with the 3/4" sleeve and mount into the stock control arm location.
7. Tighten the shock mount bolt to 70 ft-lbs.
8. The second hole on the plate is a secondary anti-rotation hole. If you intend on using this hole, drill the plate and control arm mount with a 3/8" drill bit, and install 3/8-16 bolt, lock washer and nut. Final torque to 35 ft-lb.
9. Re-install LCA in either the 2" or 3" location with supplied hardware.
NOTE: After tightening the shock bolt you may need to reposition the jack to the yoke of the rear axle to pull the rear axle forward to line up the holes.
10. Tighten the 7/16" bolt to 70 ft-lbs. Do **NOT** tighten bolt at new LCA location at this time.
11. Repeat steps 2-9 on the passenger side.
12. Load the suspension and torque new LCA location bolts to 72 ft-lbs.

NOTE: For cars running on drag radials/slicks with a ¼ mile time at or below 11 seconds, it is recommended to weld brackets in place. Do this by adding the appropriate welds required after installation is complete.

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UMI Performance Inc.
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