

1978-1996 GM B-Body Control Arm Relocation Brackets Item # 3610



Warning: UMI Performance Incorporated is not responsible for incorrect installation of this product. This installation is recommended to be performed by a trained automotive technician with welding experience only. If you feel you are not capable of completing this installation please do not attempt. UMI Performance Incorporated is not responsible for any damage encountered from incorrect installation, incorrect installation of relocation brackets can alter control arm angle and rear end off set, please use caution while installing and following each installation step. FOLLOW INSTRUCTIONS CAREFULLY

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. **Only install one side at a time.** Begin with driver's side, remove the rear tire and unbolt the LCA (Lower Control Arm) 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. Position the jack under the center of the rear end and put a slight amount of upward tension on the rear end. Using the jacks up and down motion you need to position the rear end to the original location as if the driver's side LCA was still in place.
4. You must position the rear end so you are able to swing the control arm back into its rear mounting point and be able to slide the bolt straight through the mounting holes and control arm. Jacking the rear into this position acts as if the suspension is loaded. If these steps are not followed you may be changing the control arm angle and off setting the rear end.
5. Once steps 3 & 4 are completed and the rear end is in the correct position you are now ready to install the brackets. Select (2) of the brackets, one will have the small plate welded on the opposite side of the other.
6. (Use Image 1 for Example) Install each bracket on the outside of the rear control arm mounting point. Using the supplied 7/16" x 4" bolt, (1) steel spacer sleeve, (2) washers and lock nut install as Image 1 shows. Do not tighten bolts.
7. With the brackets installed and bolts loose, swing the control arm up and place it in the lowest holes in the brackets. Using a supplied 14mm x 4" bolt and nylon lock nut attach LCA in place.
8. Now tighten all bolts and nuts into position, if the position of the brackets looks correct you are now ready to weld.
9. Free all welding points from paint and rust. You may now weld the brackets into place. Weld across the top of the brackets and down both sides. Anywhere you can get weld onto the brackets, do so. You may also wish to wrap a damp cloth around the rear drum to prevent any weld splatter. (Use Image 2 for Example)
10. Now repeat steps 2-9 on the passenger side.
11. Once all welding is completed we recommend painting the brackets with rust preventing paint or under coating.
12. The relocation brackets have (2) settings, the lowest set of holes lowers the rear of the control arm 3" and the mid hole lowers it 2". Depending on vehicle ride height, spring or shock set up results from each setting may vary. We recommend trying each one and finding what setting best fits your application.

Thank you for Putting Your Trust in a UMI Performance Product!

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Image 1- Passenger side brackets installed and welded



Image 2- Driver Side installed and welded



Image 3- Shows installation completed and brackets painted after welding. Shows item installed with item # 3612



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UMI Performance Inc.
Made in Pennsylvania, USA