2005-2014 Ford Mustang LCA Relocation Brackets

Congratulations on purchasing J&M Products Rear Lower Control Arm Relocation Brackets for your 2005-2014 Mustang. These new relocation brackets are CNC laser cut from 3/16" billet plate, cold rolled steel, pulse welded and incorporates advanced design features that assures a precise fit and maximum strength, with no welding or other modifications needed. Brackets are designed to increase bracket rigidity and eliminate the occurrences of stress cracking from bracket deflection caused by constant hard braking, cornering and acceleration.

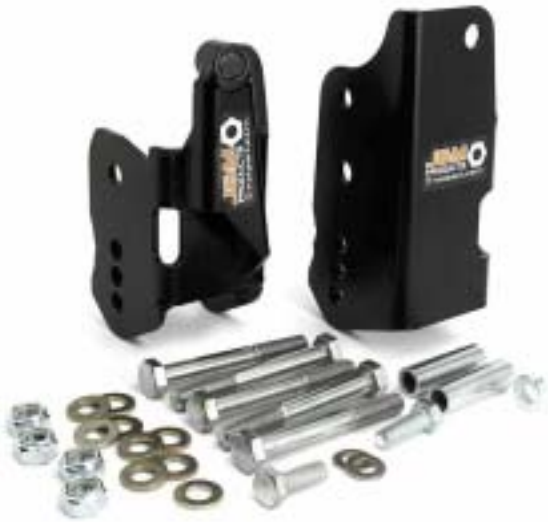
LCA relocation brackets are a must for lowered vehicles, they are available with 2", 2-3/4" or 3-1/2? mounting hole locations for stock or lowered vehicles. Several available adjustments are incorporated in the design of the brackets that are utilized to properly locate upper and lower control arms for optimized suspension geometry to re-establish the instant center after lowering the body over the rear differential housing.

Multiple adjustment locations are available to optimize vehicle handling and traction, improve braking into corners and increase off the line traction for street, drag or road racing. Brackets come complete with upgraded hardware, spacers, installation instructions and are powdered coated for long lasting good looks and durability. Like all products manufactured by J&M Products the new brackets are Made in the USA and come with a lifetime warranty to the original purchaser.

- Allows adjustment for the loss in anti-squat caused from lowering your Mustang.
- Ability to increase anti-squat drastically above the stock percentage.
- Three control arm mounting locations allows fine tuning of your anti-squat percentage for better launches.
- Superior design makes these extremely stiff with less deflection. Giving you better faster response during acceleration and cornering.
- Compatible with stock-style rear swaybar and stock rear lower control arms.
- Improved handling by reducing roll understeer on lowered cars.
- Improves ride quality by allowing adjustment of the suspension geometry so that the rear tires move rearwards when going over bumps.
- Maintains stock panhard rod location.
- Bolt-In no welding or cutting required.
- Includes all Grade 10.9 mounting hardware.
- Black or Red powder coated for great long lasting finish.
- Lifetime Warranty!

Kit Parts List:

Description	Qty
Relocation Bracket Driver	1
Relocation Bracket Passenger	1
M14 Nylon Nut	5
M14 x 110mm Long Grade 10.9 Bolt	5
M14 x 30mm Long Grade 10.9 Bolt	1
M14 Grade 10.9 Washer	11
M12 x 30mm Long Grade 10.9 Bolt	2
M12 x 8mm Long Spacer	1
M12 Washers Grade 10.9	2
14mm ID x 2.435" Long Support Sleeve	2



Required Tools:

- Assortment of standard hand tools
- Lift or floor jack and jack stands
- torque wrench capable of 129 ft/lbs.

Installation:

1. Block the front tires to keep car from moving

2. Raise rear of car and support safely on jack stands

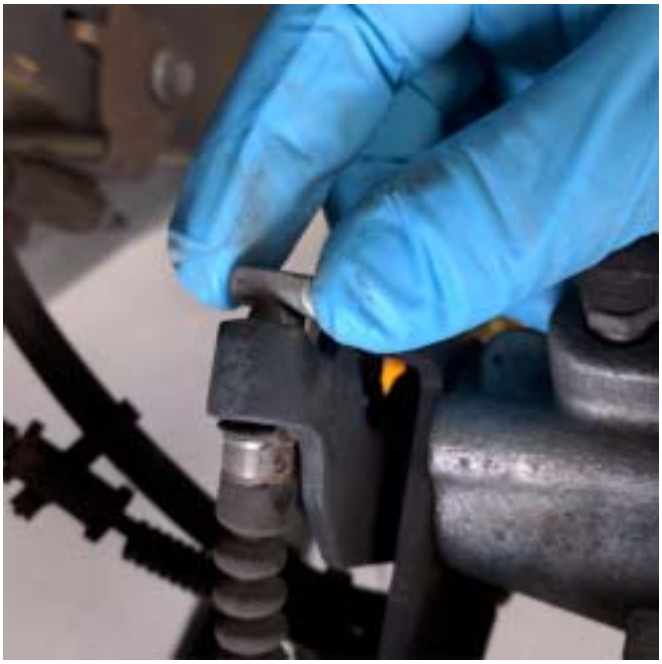
3. Remove the rear wheels and tires

4. Make sure parking brake is released

5. Remove the retaining clip that holds the parking brake cable to the caliper.

6 Remove the parking brake cable by pulling down on the cable housing and slide it rearward to remove it from the caliper.

7. Remove the brake cable end by unhooking if from the caliper



8. If you are using stock or aftermarket control arms that use a bonded bushing loosen the chassis side of the control arms. If using a non bonded control arm just loosen the axle side bolt.

9. Remove the axle housing weight damper if equipped.

10. Using a floor jack support the center differential. Make sure the jack is placed so when jacked it supports the nose of the differential to keep it from rotating when the control arms are removed.

11. Doing one side at a time, remove the mounting bolt holding the control arm to the axle housing.

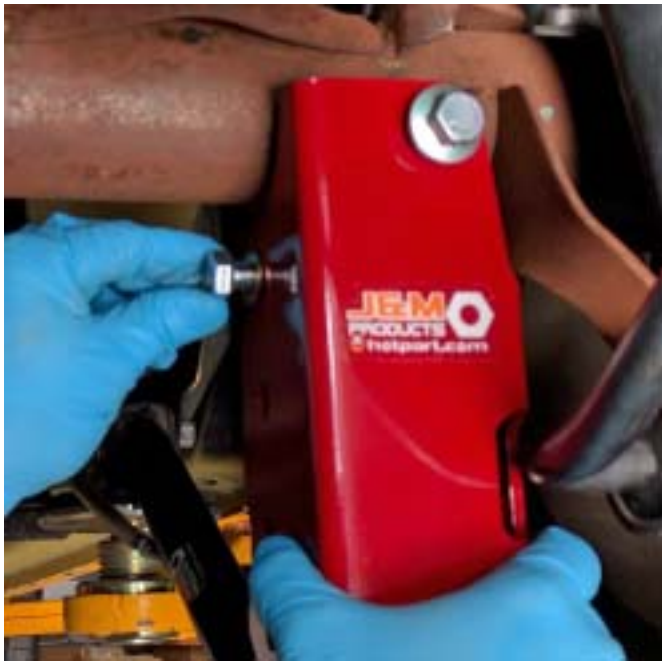
12. Lower the control arm out of the stock mounting pocket and let it hand loose.

Passenger Side Bracket Installation:

13. Slide the passenger relocation bracket straight up over the stock control arm bracket.

14. Using the provided M14 x 30mm grade 10.9 bolt, 2 washers, and nut, insert the bolt and washer through the rear side upper mounting hole. Loosely install the washer and nut inside the stock mounting bracket.

15. Loosely install the supplied M12 x 30mm grade 10.9 bolt but do not tighten.



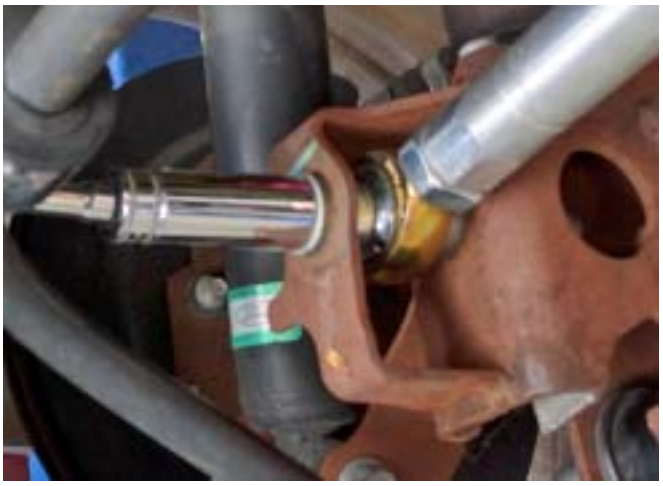
16. Using one of the M14 x 110mm long bolt and washer install it through the relocation bracket and through the support sleeve as shown. Install the other washer and M14 Nylon nut on the other side of the bracket.

17. Raise the control arm into you desired lower location and install using the supplied M14 x 110mm bolt, washers, and nylon nut.

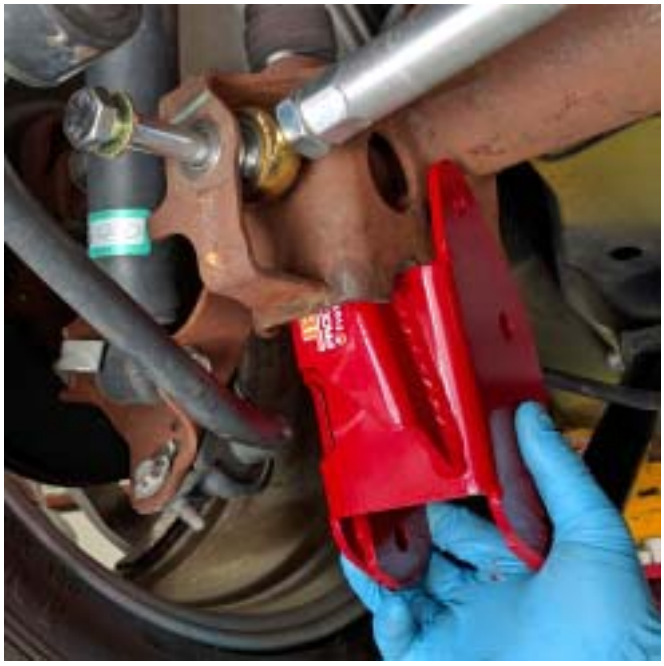
Drivers Side Bracket Installation:

18. Follow steps 5-9.

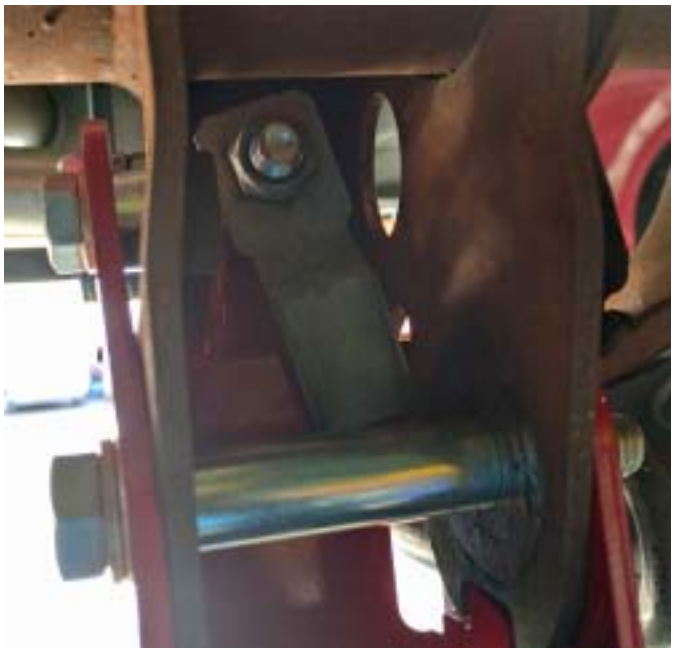
19. Remove the drivers side panhard rod mounting bolt. Make sure to retain the stock flag nut for later use.



20. Slide the drivers side bracket up into place over the stock mounting bracket.



21. Insert one of the 110mm long bolts with a washer through the panhard rod mounting hole and panhard rod. Using the stock flag nut make sure it is pointed down like shown and keep loose for now.



22. Using the supplied short spacer install in between the relocation bracket and the stock mount like shown in the photo. Loosely insert the M12 x 30mm long bolt and washer. Do not tighten.

23. Like the passenger side insert the M14 x 110mm long bolt and washer through the bracket and long support sleeve where the stock control arm was originally mounted. Install the washer and nut loosely

24. Rotate the control arm up into the relocation bracket into desired hole and install the M14 x 110mm long bolt, washers, and nut.

25. Torque the two M12 x 30mm bolts on the drivers and passenger side brackets to 47 lb/ft.

26. Torque the drivers side panhard rod and the passenger side rear upper support bolt to 129 lb/ft.

27. If using stock or bonded control arm bushings lower the vehicle to the ground and torque the remaining 4 mounting bolts to 129 lb/ft. Don't forget to torque the chassis side control arms if you loosened them.

28. With non bonded control arms you can torque everything in the air without creating bind.

J&M PRODUCTS

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