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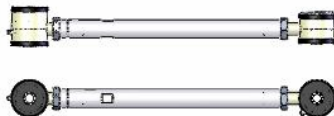
**GMS REAR LOWER CONTROL ARMS W/ FORGED ENDS**  
**FOR 2005 MUSTANG GT**  
**GM-CA0507-S (STREET) & GM-CA0507-R (RACE)**  
**INSTALLATION INSTRUCTIONS**

**Warning:** Follow all safety rules and use caution whenever working on any vehicle. It is best to consult a service manual for your vehicle before beginning this project. Failure to perform the job correctly could result in serious bodily injury. Read the instructions completely before you start. If you are not sure you can complete the project correctly, have the job done by an experienced technician.

**Removal:**

1. Install only one Control Arm at a time.
2. Raise the vehicle with a car lift or floor jack. Support it so that the rear suspension is loaded (rear wheels supporting the weight of the vehicle) and block the front tires. Be sure that there is room to access the factory control arms from under the vehicle. Use of a vehicle hoist would be ideal!
3. Remove the rear parking brake cable for the side of the vehicle you are working on routing it through the control arm. Remove the factory control arm bolts and the control arm.
4. Carefully measure the distance between the centers of the mounting holes of the factory control arms. Adjust the distance of your new GMS control arms to match the factory length. ***It is extremely important to make sure the right and left side arms are the exact same length.***

**Street Version – GM-CA0507-S**



**Race Version – GM-CA0507-R**



**Installation:**

1. Carefully grease the outside bushing surfaces (bushing faces) with a quality synthetic grease such as synthetic wheel bearing or marine grease. ***Do not skip this step or the bushings may squeak. (Street Version Only)***
2. Install the GMS control arm with the wider end of the control arm at the axle. The offset or longer side of the forged end must be positioned toward the driveshaft with the grease fitting toward the ground. (Race version has the shorter spacers positioned toward the driveshaft.)
3. Install the front of the control arm to the vehicle frame. ***Be sure to install the provided large washer between the bushing and the frame on the vehicle outside.***
4. Tighten the front and rear control arm bolts and torque to factory specs. (80-100 ft/lbs.) Re-Install the parking brake cable routing it over the control arm and securing with a tie-wrap.
5. Grease the urethane bushings with quality synthetic grease. (Street Version Only)
6. Repeat steps 2 through 4 of Removal Section and steps 1 through 5 of Installation Section for the other side of vehicle.
7. Re-Check all bolts and make sure everything is secured properly. Adjust the rear parking brake per factory specifications. Take a short test drive and re-inspect the installation. ***Control arms should be inspected regularly for safety.***

## LIMITED WARRANTY & LIABILITY AGREEMENT

Granatelli Motor Sports warrants that all products shall be free from defects in materials and/or workmanship for 90 days from the date of purchase (except in-tank and in-line fuel pumps purchased at dealer or wd prices as these items have no warranty). The following requirements and exclusions apply: (1) You must be the original purchaser and must complete the warranty registration form (located at [www.GranatelliMotorSports.com/warranty.asp](http://www.GranatelliMotorSports.com/warranty.asp)) and return the defective product within 10 days of your original purchase. Failure to do so voids all warranty, either express or implied set forth herein. (2) You must reside in the United States or Canada and use the product as described in the warranty registration. (3) The product must not have been altered, disassembled, modified, or converted for any other use than intended by Granatelli Motor Sports. (4) The product, or any part thereof, is not used in accordance with the operating parameters specified by Granatelli Motor Sports. (5) The product or any part thereof is damaged or rendered unserviceable due to negligence, vandalism, theft, fire, debris, flood, Act of God, or other peril, malfunction of equipment, or by any cause within the Customer's control. (6) The serial number (if applicable) must not have been altered or removed. The extent of Granatelli Motor Sports' liability under this warranty shall be limited to the prompt correction or replacement, at Granatelli Motor Sports' option and at no cost to the customer other than return shipment, of any defective part of the product determined to be necessary by Granatelli Motor Sports. This only applies if a written notice of the claimed defect was received by Granatelli Motor Sports prior to expiration of the warranty period. All warranties of merchantability and fitness for a particular purpose are expressly excluded. The duration of any and all implied warranties is limited to the duration of this express warranty. All incidental and consequential damages including but not limited to loss profits even if it has been advised of the possibility of such damages are hereby excluded. Regardless of the form of the claim, Granatelli Motor Sports liability for any damages to the customer for such product is limited to the guidelines herein. This stated, expressed warranty is in lieu of all liabilities or obligations of Granatelli Motor Sports for damages arising out of or in connection with delivery, use or performance of the product. This warranty cannot be amended or changed by any Granatelli Motor Sports representative, employee, or agent and any promises inconsistent with this warranty are void and unenforceable against Granatelli Motor Sports. Some states do not allow limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may have other rights that vary from state to state. Your sole remedy for the above warranties is the repair or replacement of the defective product only, at Granatelli Motor Sports' sole discretion.

### RETURN POLICY:

NOTE: No returns accepted without pre-approved RGA (return goods authorization) number clearly marked on the outside of the box. No returns accepted on special orders or after 90 days from date of original shipment. All returns are subject to a 25% restocking fee. Before you return this product, contact our service department M-F 8AM-5PM (PST) at 805-486-6644, Ext. 23 or [techsupport@GranatelliMotorSports.com](mailto:techsupport@GranatelliMotorSports.com) for an RGA number. Returns made without prior authorization will be refused. All returns must be made within 30 days from date of original shipment, safety packaged in original packaging (if available as in-transit damage is not covered by our limited warranty), have the RGA number clearly marked on the top and two sides of the box and be insured for full replacement value. We recommend using [UPS](#) or the [UPS Store](#) for shipping. In-bound freight is always customer's responsibility. All returns are subject to a restocking fee up to 25%. The balance will be returned in the form of a check or may be applied as credit towards another purchase. Special orders and electrical components are not eligible for returns. For warranty registration, go to: [www.GranatelliMotorSports.com/warranty.asp](http://www.GranatelliMotorSports.com/warranty.asp).

### PERFORMANCE CONSUMER'S BILL OF RIGHTS:

Legally, a vehicle manufacturer cannot void the warranty on a vehicle due to an aftermarket part unless they can prove that the aftermarket part caused or contributed to the failure in the vehicle (per the Magnuson Moss Warranty Act, [www.GranatelliMotorSports.com/magnusonmoss.htm](http://www.GranatelliMotorSports.com/magnusonmoss.htm) (15 U.S.C. 2302(C)) . For best results, consider working with performance-oriented dealerships with a proven history of working with customers. If your vehicle manufacturer fails to honor emission/warranty claims, contact EPA at (202) 260-2080 or [www.epa.gov](http://www.epa.gov). If federal warranty protection is denied, contact the FTC at (202) 326-3128 or [www.ftc.gov](http://www.ftc.gov).