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## Granatelli Front & Rear Sway Bars FOR 2005-2013 MUSTANG GT and V6 Part # GM-SB0507 INSTALLATION INSTRUCTIONS

### FRONT SWAY BART INSTALL INSTRUCTIONS:

#### Parts List:

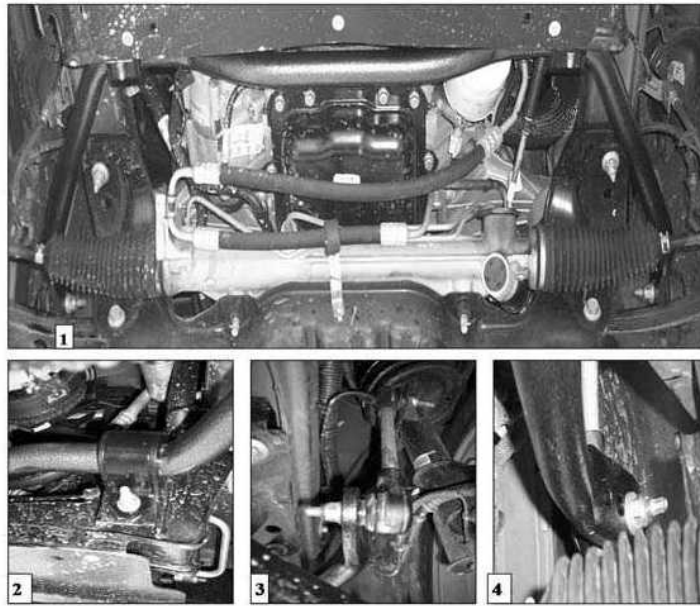
Part Number	Quantity	Description
21206705	1	1-3/8" Front Sway Bar
20906705	1	Completion Kit #-6705 (includes the following)
20800776	2	U-Plate
111000876	2	1-3/8" Poly Bushing
119000599	1	Accro Seal Lube
135006705	1	Instruction Sheet

#### Torque Table:

**Bolt Size:** 3/8" = 20-30 ft. lbs. – 7/16" = 35-45 ft. lbs. – 1/2" = 50-70 ft. lbs. – 9/16" = 70-90 ft. lbs.

**SAFETY:** Before starting your installation, be sure to set parking brake and chock the wheels.

**NOTE:** To ease the installation and properly adjust bar, the weight of the vehicle must be on the suspension, as if driving down the road. DO NOT raise the vehicle by the frame. This unit is designed to mount using the factory u-plate mounting hardware and the factory mounted end links.



1. Remove the factory mounted sway bar. Do not discard the factory u-plates mounting bolts, they will be used to install the new front sway bar. This installation will also require the factory end link assemblies and mounting hardware.

2. Install the D-shaped poly bushings on the new sway bar as close as a position as the factory sway bar (see photo 2).

3. Raise the sway bar and attach to the vehicles' frame with the u-plates supplied and the mounting hardware removed in Step (1). Leave loose to allow for adjustment.

4. Raise the arms of the sway bar and attach the outermost hole to the factory mounted end links using the factory mounting hardware (see photo 3).

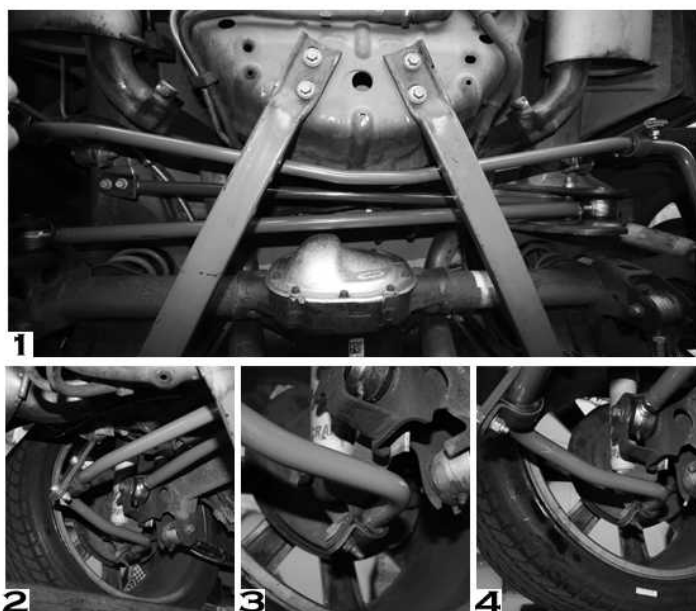
5. With the sway bar properly aligned and the end links straight up and down, re-torque all mounting hardware to the factory specifications. Check for clearance for steering linkages, electrical wires, brake and fuel lines.

6. Test drive your vehicle and re-check your installation and re-torque if needed. Re-check your installation on a monthly basis thereafter.

7. Notice in photo (4) the sway bars have three (3) mounting holes. Attaching the sway bar on the outer hold will be the mildest setting. Relocating the attachment to the inner holes will make the sway bar more aggressive. We recommend starting with the outer mounting hole as shown in photo (4) until you are accustomed to the vehicles' new handling characteristics.

**ATTENTION INSTALLER:** Be sure that the customer receives this complete instruction manual with warranty page.

## REAR SWAY BAR INSTALL INSTRUCTIONS:



### Parts List:

Part Number	Quantity	Description
21206805	1	1" Sway Bar
20906805	1	Completion Kit (includes the following):
20800078	2	Sway Bar Hanger Bracket
20800079	2	Axle Bracket
111000786	2	1" Poly Bushing
20800822	2	U-Plate
125020019	1	Small Parts Bag # BG-19 (includes the following):
101500004	2	7/16" x 2-3/4" cap screw
101500072	8	3/8" x 1-1/4" cap screw
102306001	8	3/8" flat washer
102400027	6	17/32" x .16x1-1/4" thick flat washer
107401042	2	7/16" lock nut
107302003	8	3/8" lock nut
20800086	2	3/4" x 1-1/2" spacer
20800046	2	7/16" x 1-3/8" sleeve
111000050	2	5/8" hourglass bushing
102320049	8	3/8" flat washer
119000599	2	Accro seal
111000075	2	3/4" hourglass bushing
101500078	2	1/2" x 2-1/2" cap screw
107501045	2	1/2" stover lock nut
102520043	1	1/2" flat washer
135006805	4	Instruction sheet

## **Torque Table:**

**Bolt Size:** 3/8" = 20-30 ft. lbs. – 7/16" = 35-45 ft. lbs. – 1/2" = 50-70 ft. lbs. – 9/16" = 70-90 ft. lbs.

**SAFETY:** Before starting your installation, be sure to set parking brake and chock the wheels.

**NOTE:** To ease the installation and properly adjust bar, the weight of the vehicle must be on the suspension, as if driving down the road. DO NOT raise the vehicle by the frame. This unit is designed to replace the factory mounted sway bar or as a replacement if your vehicle is not equipped with a factory mounted sway bar. This kit includes lock nuts which require tightening with a wrench after being started by hand.

1. Remove the factory mounted sway bar from the vehicle if equipped.
2. Lubricate the bore of the D-shaped poly bushings with the supplied lubricant.
3. Locate and position the D-shaped poly bushings on the new rear sway bar in as close a position as the factory sway bar mounting points (see photo 1).
4. Assemble the sway bar hanger brackets. Install the hourglass shaped bushings with the 3/4" ID hole on the looped ends of the hanger brackets. Insert the 3/4" OD metal sleeve through the center of the bushings (this sleeve does not have a seam). Lightly grease the bushing and sleeve to ease installation. Install the hanger brackets on the factory mounting points using the 1/2" x 2-1/2" bolts, locknuts and larger diameter washers provided (see photos 2 and 3). Leave loose to allow for adjustment later.
5. Locate the two axle brackets and install the hourglass shaped bushings with the 5/8" ID hole. Insert the 1.38" long metal sleeve through the center of the bushings (this sleeve has a seam in it). Lightly grease the bushing and sleeve to ease installation. Attach the brackets to the lower shock mount brackets using the factory hardware (see photo 4). If the vehicle did not have a factory rear sway bar, use the 3/8" bolts, locknuts and large diameter 3/8" washers supplied to attach the axle brackets.
6. Raise the sway bar into position and attach the D-shaped poly bushings to the hanger brackets, using the Updates, 3/8" bolts, locknuts, and small diameter 3/8" washers.
7. Raise the arms of the sway bar and attach to the axle brackets using the 7/16"x3" bolts, locknuts, and thick washers. For initial installation, attach bar to the axle brackets using the hole closest to the end of the arm of the sway bar. It may be necessary to place a thick washer between the bushing and the arm of the sway bar if there is a gap. Two thick washers have been included in the kit for this purpose. Leave loose to allow for adjustment later.
8. With the sway bar properly aligned, torque all the mounting bolts to the specified rates. Check for clearance for electrical wires, brake lines or cables, fuel lines, and any other chassis component.
9. Test drive your vehicle, re-check your installation, re-adjust and re-torque if necessary. Re-check on a regular monthly basis thereafter.
10. The sway bar arms have two mounting holds. Mounting the sway bar on the outer hole is in the nominal position. For a firmer setting, use the inner hole. We recommend starting with the outer mounting hold as in photo (1) until you are accustomed to the vehicles' new handling characteristics. Select the mounting point that best fits your driving style.

**ATTENTION INSTALLER:** Be sure that the customer receives this complete instruction manual with warranty page.

## **LIMITED WARRANTY:**

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Granatelli Motor Sports warrants that all products shall be free from defects in materials and/or workmanship for ninety days from the date of purchase (except in-tank and inline fuel pumps purchased at dealer or wd prices as these items have no warranty and roller rocker arms which have a 12-month limited 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 after the expiration of the product warranty. 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 written Granatelli Motor Sports received notice of the claimed defect 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:**

Before you return a product for a warranty claim, contact our service department M-F 8AM-5PM (PST) at 805-486-6644 or [techsupport@GranatelliMotorSports.com](mailto:techsupport@GranatelliMotorSports.com) for an RGA number. No returns are accepted without a pre-approved RGA (return goods authorization). No returns on special orders, electrical items or after 90 days from date of original shipment. All returns must be safety packaged in original packaging (if available) and clearly marked with your RGA number on the top and two sides of the box. Please insure your shipment for full replacement value as lost, stolen or items damaged in shipment are not covered by our limited warranty. We recommend using FedEx ([www.FedEx.com](http://www.FedEx.com)) or UPS ([www.UPS.com](http://www.UPS.com)) for shipping. Lost, stolen or damaged items claims must be made by the customer and resolved by the freight company and not Granatelli Motor Sports. All returns may be subject to a restocking fee of up to 25%. The balance will be returned in the form of a company check or may be applied as credit towards another purchase.

## **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). For additional information, check out [www.GranatelliMotorSports.com/TechSupport.htm](http://www.GranatelliMotorSports.com/TechSupport.htm).

## **Disclaimer:**

Actual products may vary from photographs shown. For latest information, please call 805-486-6644 first. You can also check out our web site at [www.GranatelliMotorSports.com](http://www.GranatelliMotorSports.com). However, it may have not been updated at the time you actually view it. Therefore, we cannot guarantee the accuracy of the information on our web site. Granatelli Motor Sports is not responsible for any unintentional omissions or typographical errors and reserves the right to make changes to packages, services, operating procedures, colors, materials, features, specifications, part numbers, pricing and to discontinue any products and/or components at any time without prior notice. Some items shown are sold for off-road use only and/or racing use (not street legal) and not intended for use on public highways, customer assumes costs and liability for installation and use. Performance figures shown can vary considerably due to a variety of factors including but not limited to altitude, humidity, barometric pressure, outside temperature, vehicle age, state of vehicle tune, vehicle manufacturer engine tolerances, vehicle modifications, chassis and engine dyno calibration, chassis and engine dyno brand, etc.