

# BMR Suspension

## Terms & Conditions – Retail Customers

### Business Hours :

Office hours are 8:30am to 6:00pm Eastern Time, Monday through Friday. You can order product directly from BMR Suspension, by calling **(813) 986-9302** during office hours. You can also order product online via our secure online shopping cart at [www.bmrsuspension.com](http://www.bmrsuspension.com), via e-mail at [sales@bmrsuspension.com](mailto:sales@bmrsuspension.com), or via fax at **(813) 986-8055**.

### Tech Support :

Our technical staff is available from 8:30am to 6:00pm Eastern Time, Monday through Friday by calling us at **(813) 986-9302** or e-mailing us at [tech-help@bmrfabrication.com](mailto:tech-help@bmrfabrication.com). Installation instructions for most part numbers can be downloaded at [www.bmrfabrication.com/instructions](http://www.bmrfabrication.com/instructions).

### Terms :

We accept Visa, Mastercard, Discover, US Postal Service money orders, and wire transfers.

### Returns – Non-Warranty Items :

All non-warranty returns must be made within 90 days from the date of shipment and are subject to a 15% restocking fee, excluding all shipping cost. BMR Suspension will not accept returns on items that have been installed, used, modified or damaged. All items must be received in the original packing material and in the original condition as it was shipped. All items damaged from shipping will be refused. BMR will issue a Returned Material Authorization number for every return. Returned goods will not be accepted without an RMA Number. There are no refunds on shipping and handling charges and all items must be sent prepaid. All returned goods sent freight collect will be refused. If item is returned scratched, nicked or damaged in any way, the cost to repair or re-powder coat the item will be deducted from the amount of the refund. If item is missing any components, the cost to replace these components will be deducted from the amount of the refund. Special order items cannot be returned.

### Shipping :

In-stock parts ordered by 3pm Eastern time will ship the same day. BMR Suspension ships all orders UPS Ground unless otherwise specified. UPS next day air, 2nd day air and 3-day select are only available on items that are in stock at the time of order. Canada, Hawaii and Alaska shipments may ship US Postal Service if requested in advance. BMR Suspension does not ship product using other small-package carriers. Any shipment that is refused without authorization will be subject to original shipping charges, return shipping charges, and a restocking fee.

### Shortages and Incorrect Shipments :

If the incorrect product is shipped to the customer due to a BMR error (wrong color, wrong part, wrong size), the incorrect product will be replaced with the correct product at **no charge**. If a shortage is found within the shipment, the missing components will be replaced at **no charge**. Incorrect product and shortages must be reported to BMR Fabrication within fourteen (14) days of receipt of shipment. The customer may be responsible for a portion of the replacement cost if reported after fourteen (14) days.

BMR will ship the replacement product or missing components at **no charge** using the same shipping method as the original shipment. If the customer would like to upgrade the shipping method (for example, Next Day Air), the customer will be charged the difference in shipping cost. If the customer cancels the order, the order will be subject to a 15% restocking fee. Replacement product will not be shipped until the original product has been returned.

### International Orders :

All international orders must be fully prepaid in US funds. International orders that are more than \$1000 must be prepaid with a wire transfer. International orders that are less \$1000 may be paid with a credit card or wire transfer. International orders will be shipped UPS or truck freight. Canada orders may ship US Postal Service if requested in advance. The buyer is responsible for all shipping costs and must be prepaid. All international items will be fully insured and marked for the full value of the item. Required duties and taxes must be paid by the customer to the appropriate parties.

### Warranty :

BMR product applications are warranted to be free from defects in material and workmanship under normal use and service for a period of (2) two years from the date of sale to the original purchaser. Obligation under this warranty is limited to product replacement but not the reinstallation of the replacement product or other incidental costs. This warranty does not cover any product that has been subject to misuse, neglect, alteration, accident, or improper installation. Normal wear shall not be considered a defect under this warranty. All warranty adjustments are limited to replacement or credit of returned merchandise. This warranty specifically excludes impact damage or damage to powdercoat. BMR will issue a Returned Material Authorization number for every return. Returned goods will not be accepted without an RMA Number. BMR will ship the replacement product at no charge using UPS Ground. If the customer would like to upgrade the shipping method (for example, Next Day Air), the customer will be charged the difference in shipping cost.

BMR product is designed to be used with OEM product and other BMR products. BMR does not warranty our product for fitment with aftermarket product from other manufacturers. This applies to suspension products from other manufacturers as well as aftermarket exhaust products, aftermarket drivetrain products, and other aftermarket products. BMR products that are returned due to fitment issues with OEM components or BMR product will receive a full refund. BMR products that are returned due to fitment issues with aftermarket product will be subject to a 15% restocking fee.

Purchaser understands and recognizes that racing parts, equipment and services by or manufactured and/or sold by BMR, are subject to varied conditions due to the manner in which they are to be installed and used. The acceptability and suitability of any part sold or manufactured by BMR for a particular application is solely the purchaser's decision. BMR makes no warranties whatsoever, expressed or implied, or written, THERE IS NO WARRANTY OF MERCHANTABILITY. The right to make changes in the design or add to or improve on their product without incurring any obligation to install the same on products previously manufactured is expressly reserved. Buyer agrees to indemnify and hold Seller harmless from any claim, action or demand arising out of or incident to Buyer's installation or use of products purchased from BMR.





## UPPER CONTROL ARM AND MOUNT

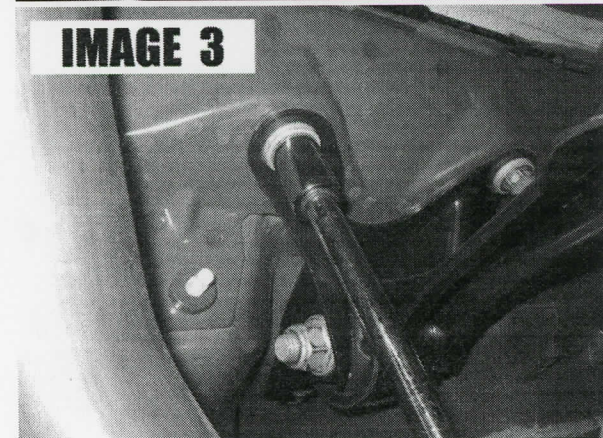
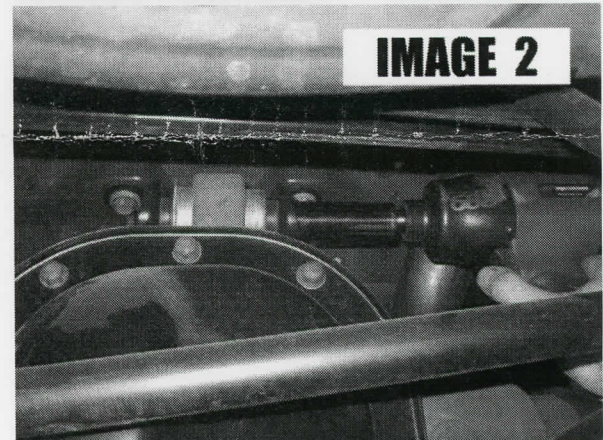
UTCA030, UTCA031, UTCA032, UTCA033, UTCA034, UCM002 – 2011-PRESENT FORD MUSTANG

### Tools required:

- 3/8", 1/2" drive ratchet or impact wrench
- Sockets – 18mm, 21mm deep, 24mm, 25mm, 27mm
- Hydraulic jack and stands or service lift
- Pry-bar

### Installation:

1. Remove the lower rear seat cushion to gain access to the upper control arm mounting bolt. Located directly above the drivers and passengers side footwells there is a push release that detaches the seat cushion. Once each release is popped, the lower seat cushion can be removed.
2. Using a 24mm socket, remove the large bolt on the driveshaft tunnel. **(IMAGE 1)**
3. Lift the vehicle until there is sufficient work space under the car. Support with jack stands.
4. Using a 21mm deep socket, remove the upper control arm bolt at the axle. **(IMAGE 2)**
5. Knock the bolt out, separating the control arm from the axle. *NOTE: it may be necessary to support the front of the axle to remove tension from the control arm bolt.*
6. Using an 18mm socket and long extension, remove the (2) remaining upper control arm mount bolts and remove the upper control arm mount and control arm out as an assembly. **(IMAGE 3)**

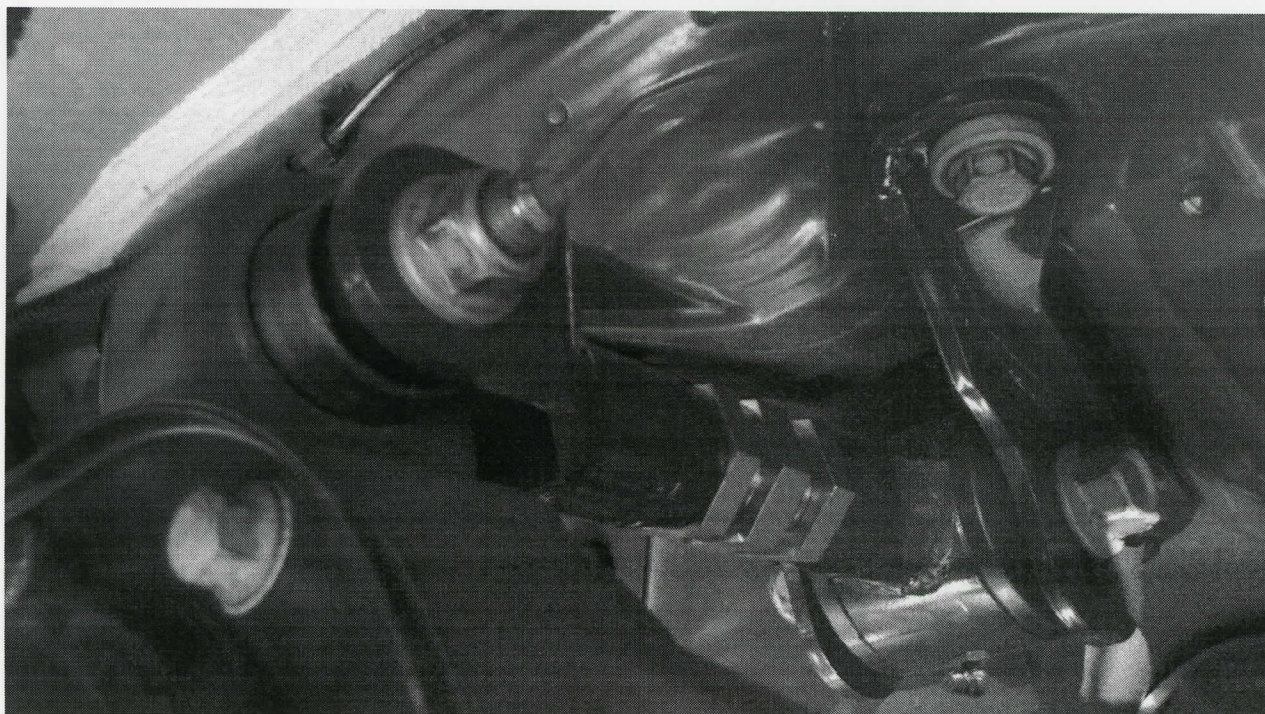
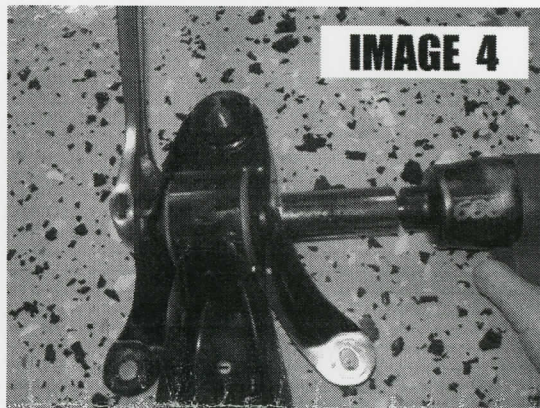






## UPPER CONTROL ARM AND MOUNT (CONT.)

7. Using a 25mm wrench or socket for the bolt head and a 27mm socket for the nut, remove the front control arm bolt as shown in **IMAGE 4**.
8. If installing an adjustable control arm, adjust the control arm to the approximate length of the OE arm before proceeding.
9. Lube the outside surfaces of the front bushing on the BMR control arm bushing. Mount the BMR upper control arm into the factory mount or the BMR UCM002 mount and re-assemble with the provided new bolt. Tighten to 200 ft/lbs.
10. Re-install the assembly into the car and insert the rear upper mounting bolts. Tighten to 85 ft/lbs.
11. Connect the rear of the BMR control arm to the upper control arm bushing on the rear end. It may require the axle to be rotated to allow the bolt to slide through. Tighten bolt to 129 ft/lbs.
12. Using a grease gun, insert 4-5 pumps of grease into the grease fitting.
13. Lower vehicle and insert the large bolt into the upper mount inside the car. Tighten this bolt to 240 ft/lbs.
14. Re-install lower seat cushion.





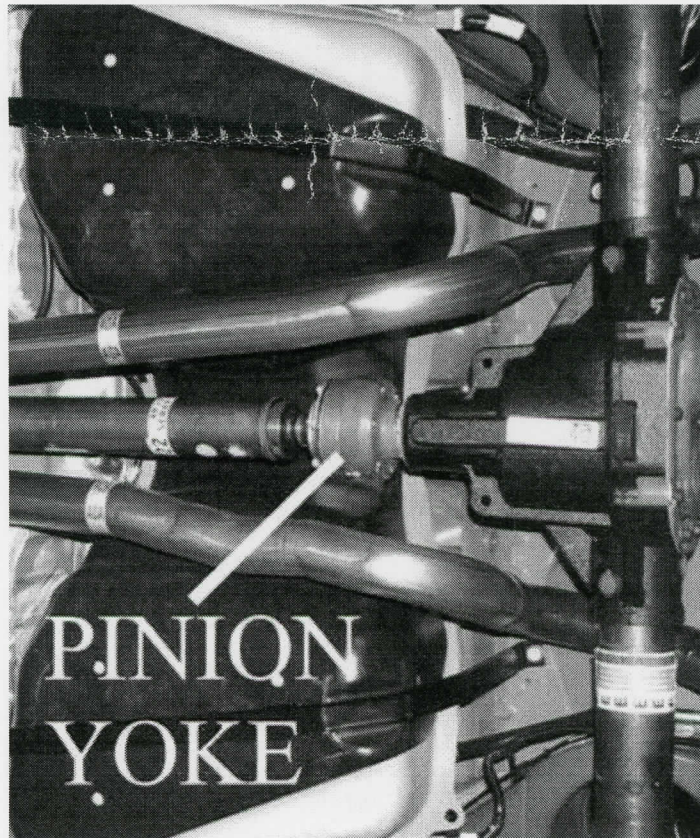


## UPPER CONTROL ARM AND MOUNT (CONT.)

### ADJUSTING PINION ANGLE WITH AN ADJUSTABLE UPPER CONTROL ARM

Make sure the rear end is loaded by either setting the car on the ground or letting the car rest on jack stands positioned under the rear axle. In both cases, the car needs to be as level as possible and the suspension loaded.

- Place an angle finder on the rear portion of the two piece driveshaft and record the angle. Now place the angle finder on the pinion yoke and record the angle.
- Subtracting one angle from the other results in your pinion angle (Example: -2 rear end angle subtracted from 0 driveshaft angle = -2 degrees)
- Adjust the control arm to achieve the desired angle.
- As a starting point, most cars respond well to the following initial settings: Automatics: 1-2 degrees negative, Manuals: 2-3 degrees negative
- Once pinion angle has been set, apply Loctite to jam nuts and tighten.



*This product is an aftermarket accessory and not designed by the vehicles manufacturer for use on this vehicle. As such, Buyer assumes all risk of any injury caused to the vehicle/person during installation or use of this product.*