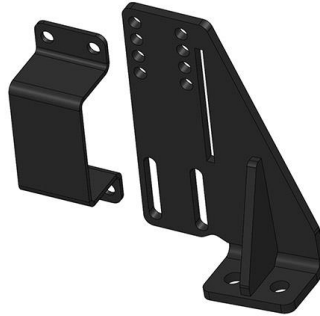




## Hooker 1993-2002 GM F-Body Adjustable Torque Arm Bracket 71223005HKR Installation Instructions



Thank you for choosing to use this Hooker™ component as part of your performance project. This bracket is compatible for use with Hooker **71222001HKR** and **71222002HKR** 4<sup>th</sup>-gen F-body transmission crossmembers only. Please read these instructions in their entirety before attempting installation.

### **PRE-INSTALLATION CONSIDERATIONS:**

This adapter is designed to provide the user of a Hooker **71222001HKR** or **71222002HKR** 4<sup>th</sup>-gen F-body transmission crossmember with a bolt-on adjustable torque arm mounting solution, which can be used to divorce the torque arm from any stock 4<sup>th</sup>-gen T56 or 4L60 transmission, or to provide torque arm anchorage for non-stock T56 Magnum, 4L60-4L70, TH400, 2004R and 4L80-4L85 transmission swaps. Installation/use of this bracket will allow the torque arm to be installed in the factory stock position, or in a modified position to affect the instant center of the rear suspension.

Installation of this bracket will require the use of an Energy Suspension® **3-1111R** or **31111G** torque arm bushing.

**CAUTION! WORK ONLY ON A LEVEL SURFACE. USE JACKS /JACKSTANDS OF SUFFICIENT CAPACITY TO LIFT AND SUPPORT YOUR VEHICLE. NEVER WORK UNDER A VEHICLE SUPPORTED BY A FLOOR OR BUMPER JACK.**

### **INSTALLATION:**

**NOTE:** These instructions have been written with the assumption that a Hooker **71222001HKR** or **71222002HKR** 4<sup>th</sup>-gen F-body transmission crossmember has been installed into the vehicle and the stock torque arm bushing/bracket has been removed from the vehicle.

1. Check that the hardware package includes the following:

Qty.	Description	Qty.	Description
1	Main Bracket Assembly	4	5/16 Nylock Nuts
1	Isolator Saddle Bracket	2	7/16 x 1" Bolts
4	5/16 x 3/4" Bolts	2	7/16 Nuts

If any are missing, please contact Technical Service at 1-866-464-6553 or 270-781-9741.

1. Raise and support the vehicle on a jack stands or an automotive lift.
2. Apply a light spray penetrating oil to the end of the torque arm and install the Energy Suspension® bushing onto the torque arm as depicted in **Figure 1**. When properly installed, the square-most corner of the bushing will be positioned at the top left corner of the assembly (viewed from the represented angle of the photo).



**Figure 1**

3. Place the main bracket assembly foot directly over the two far-left side holes in the center beam of the Hooker crossmember. Bend in foot pointing to the center of the car and install the (x2) supplied 7/16" bolts into the holes in the foot and through the crossmember.
4. Loosely install the (x2) supplied 7/16" nuts onto the bolts through the access holes in the bottom of the center beam. Do not tight the bolts/nuts at this time.
5. Pull/push the torque arm downward and/or sideways to allow installation of the (x1) supplied isolator saddle bracket over the isolator.
6. Move the isolator and attached saddle bracket back and forth as needed to line up the mounting holes in the saddle bracket with the mounting holes in the torque arm bracket.
7. Attach the saddle bracket to the torque arm with the (x4) supplied 5/16" bolts and nuts. Installing the top two bolts/nuts in the 3<sup>rd</sup> set of holes down from the top of the torque arm bracket will provide attachment of the torque arm in the factory stock position.
8. Tighten the bolts/nuts attaching the saddle bracket to the torque arm bracket and also the 7/16" bolts/nuts attaching the torque arm bracket to the crossmember.

**Adjustment** - If you wish to adjust the mounting height of the torque are, simply remove the 5/16" bolts/nuts from the isolator saddle bracket and move the saddle to a different desired set of holes before reinstalling and tightening the hardware. Raising the torque arm mount will raise the instant center and increase the anti-squat characteristics of the vehicle.

#### **LIMITATION OF LIABILITY – DISCLAIMER:**

The regulation of emissions production, noise levels, and safety standards is undertaken by the federal government, each of the fifty state legislatures, and by many local municipalities, towns, and counties.

HOOKER™ makes no warranties of merchantability, of fitness for particular purpose, or that its products are approved for general use, or that its products comply with laws, regulations, or ordinances in the state where they may be sold to the ultimate purchaser, the consumer.

Unless expressly stated to the contrary in the catalog, instruction sheet; or price list, the entire risk as to the conformity of any company product in any such state and as to repair should the product prove to be defective or non-conforming, is on the retail purchaser, the buyer, the ultimate consumer, of such product and it is not upon the seller, distributor, or manufacturer.

In this connection, the retail purchaser, the buyer, the ultimate consumer assumes the burden of the entire cost of any and all necessary service, alterations, or repair.

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