

# BAER

## BRAKE SYSTEMS



### Installation Manual

**Part Number: 6000353**

**Product: T4 / Pro+**

**Vehicle Make: Ford**

**Model: Mustang**

**Years: 1979-2004 w/ SN95 spindles**

#### **READ THIS BEFORE STARTING**

Returns will not be accepted for ANY installed PART or ASSEMBLY.  
Use great care in preventing cosmetic damage when performing  
wheel fit check.

The recipient indemnifies Baer Inc. for all liabilities or losses  
incurred in connection with the recipient modifying or alter-  
ing Baer Inc. product during installation.

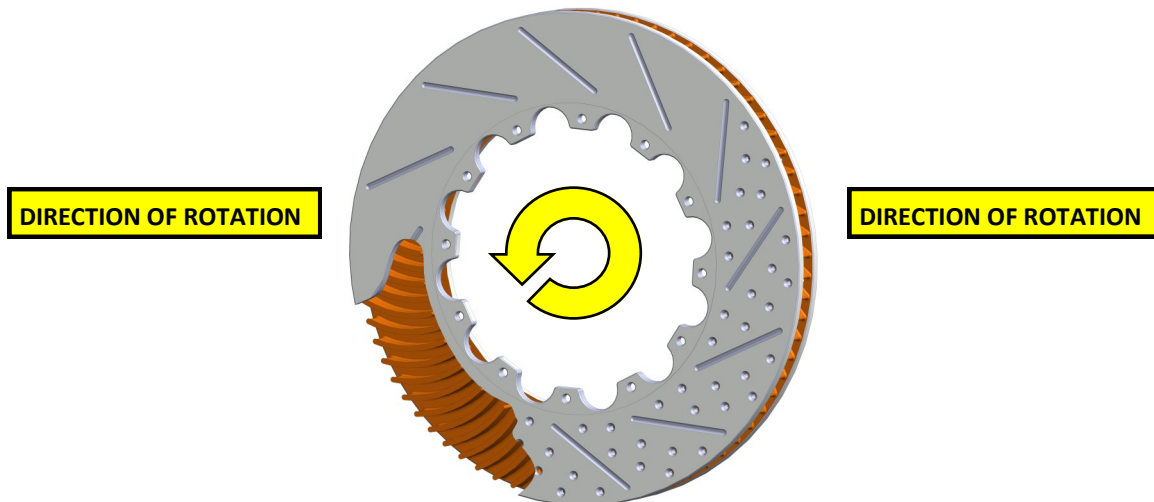


#### **Read and Follow BEFORE ATTEMPTING INSTALLATION**

- ♦ **All installations require proper safety procedures and protective eyewear.**
- ♦ **All installations should be performed by qualified personnel using a factory service manual for the vehicle on which the installation is to be performed.**
- ♦ **All references to LEFT side of vehicle always refer to the Driver's side of the vehicle.**
- ♦ **Any installation requiring you to remove a wheel or gain access under the vehicle requires use of jack stands appropriate to the weight of the vehicle. In all cases recommended ratings for jack stands should be at least 2-tons.**
- ♦ **A selection of hand tools sufficient to engage in the installation of these products is assumed and is the responsibility of the installer to have in his/her possession prior to beginning this installation. All installations, which require removal of hydraulic hoses and/or bleeding of the brakes, require appropriate fitting/line wrenches, as well as a safety catch can and protective eyewear. Other than these items, if unique or special tools are required they are listed in the section for that step.**
- ♦ **Returns will not be accepted for systems that have been partially or completely installed. Use extreme care when performing wheel fit check to prevent cosmetic damage.**



- ◆ ALWAYS PERFORM A COMPATABILITY TEST PRIOR TO BEGINNING THE INSTALLATION OF ANY BRAKE SYSTEM OR “UPSIZED” ROTOR UPGRADE .
- ◆ In addition to already having checked fit using the Baer Brake Fit Templates available online at [www.baer.com](http://www.baer.com), always place the actual corner assembly or a combination of the caliper assembly fit onto the rotor into the actual wheel to confirm proper clearance is available between the caliper and the wheel before proceeding with the actual installation.



- ◆ When installing rotors on any Baer Products be sure to follow the direction of rotation indicated on the rotor hat area with either an arrow, or an “L” for left, or an “R” for right, or both. “L” or left always indicates the driver’s side of U.S. spec vehicles. Image above is of a “L” left rotor. NOTE: Slots and drill patterns sweep forward and internal vanes sweep rearward.
- ◆ A professional wheel alignment is mandatory following the installation of any system requiring replacement of the front spindles, or tie rod ends. Return the vehicle to factory specifications unless otherwise indicated.
- ◆ Stop the installation if something seems unclear or the parts require force to install. Consult directly with Baer Technical Staff in such instances to confirm details. Please have these instructions, as well as the part number machined on the component that is proving difficult to install, as well as the make, model, and year (date of vehicle production is preferred) of your vehicle available when you call. Baer’s Tech Staff is available from 8:30-am to 5-pm Mountain Standard Time (Arizona does not observe Daylight Savings Time) at 602 233-1411 Monday through Friday.



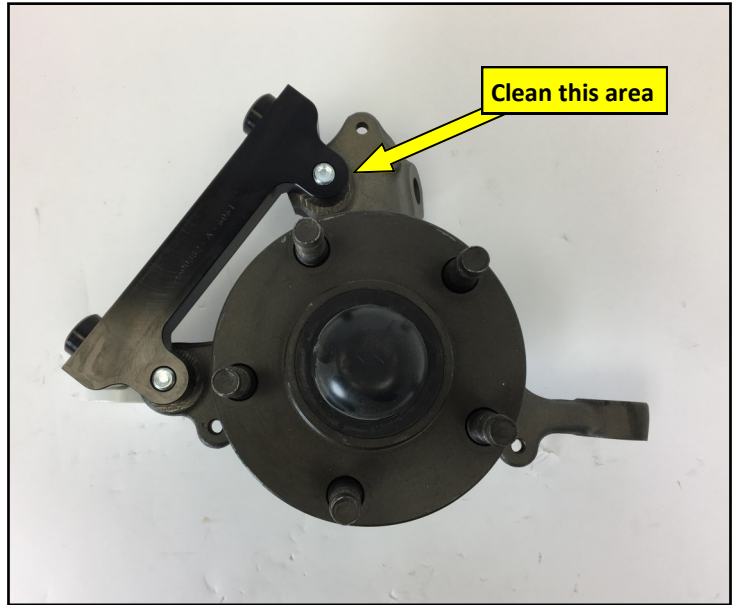
### Installation Notes:

**IMPORTANT:** If your vehicle contains spindles from years ranging between 79-93, they will need to be replaced with spindles from model years 94-04 to accommodate the new brake system.

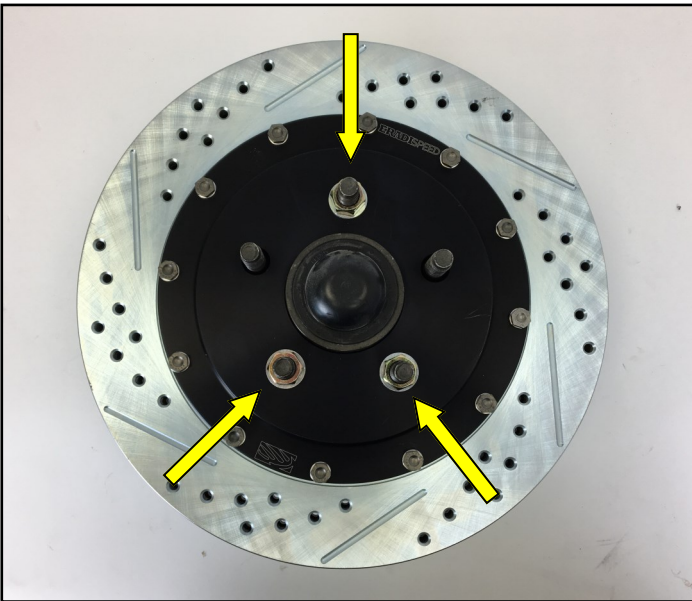
1. Disconnect the fluid hose at the frame and cap the hardline with the supplied vinyl cap. Remove the hose lock and pull the hose from the bracket.
2. Remove the two bolts retaining the caliper to the spindle and remove the caliper.
3. Remove the rotor and thoroughly clean the hub surface to allow the new rotor to seat properly.
4. At this point it is best to remove the factory debris shield. Removal of the shield will enhance cooling of the new rotor.
5. Ensure the OEM caliper mount holes and hub surface are cleaned so that the new components will fit properly.
6. To insert the hose adapter in the frame bracket, the positioning tab for the original hose will need to be filed slightly to allow the fitting to slide into the bracket. A rat tail file is the easiest tool for this.
7. Install the steel braid banjo hose end with one copper washer on each side of the banjo fitting. Finger tighten the banjo bolt. Connect the hose to the hardline at the frame and install the hose lock. **\*\*IMPORTANT: Position the hose to avoid interference with the wheel and suspension components through the entire range of motion.** Tighten fitting and banjo bolt to 15-20 ft·lbs.
8. Repeat these steps for the other side and recheck all attachment points and fittings.



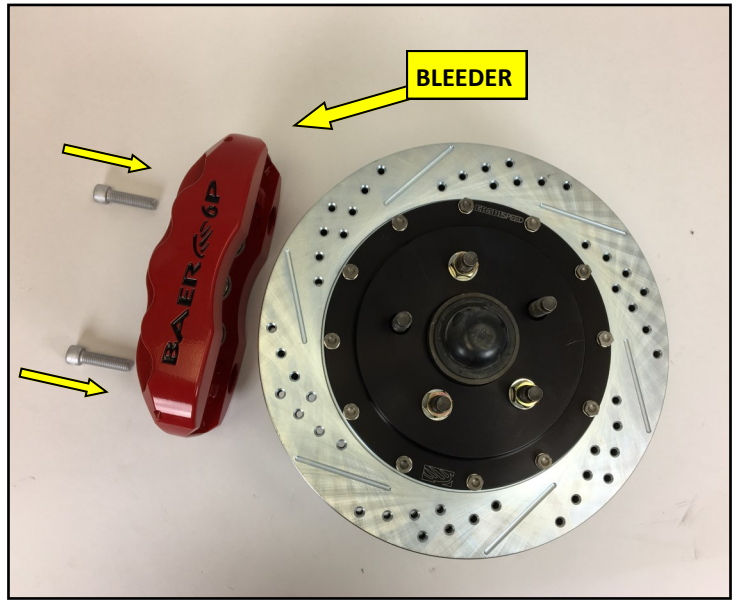
**1.** This installation begins at the point at which the OEM brake components have been removed and the hard lines have been capped to prevent leak down. (Passenger side shown)



**2.** Install the Radial Bracket onto the Outboard side of the spindle. Make sure the mounting ears are clean and free from debris. Use the 12 mm Hex Head Bolts and Washers and torque the Bolts to 85 ft.lbs.

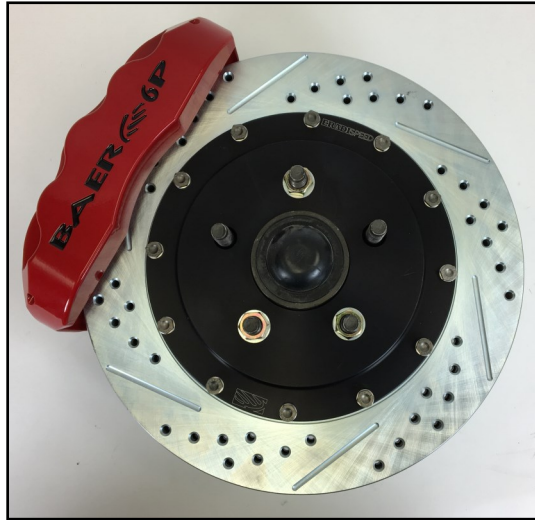


**3.** Remove any and all corrosion from the hub, paying particular attention to the hub snout, to ensure a proper mating of the parts. Slide the Rotor over the wheel studs and onto the hub. Temporally secure the rotor using 3 nuts and washers.  
Note- The tolerance between the BAER Rotor Hat and the hub is very close by design.

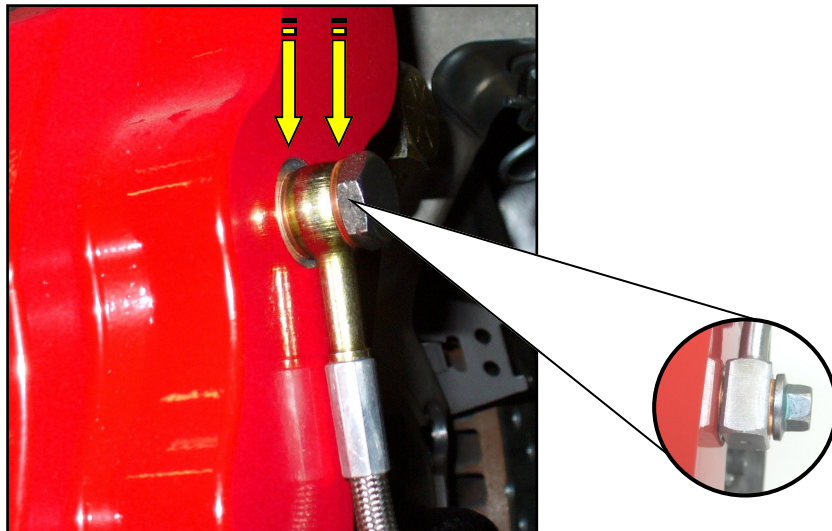


**4.** With the Brake Pads installed, carefully slide the Caliper over the Radial Bracket Studs and onto the Brake Rotor. NOTE: When properly installed, the Bleeder screw is always at the top of the Caliper. Double check to make sure the caliper does not come in contact with the rotor. Once verified, torque the 12mm SHCS bolts to 85 ft lbs.





Picture of the finished installation of the right side. (Passenger)



Install the new brake hose, onto the caliper with one copper washer on each side of the banjo fitting. Finger tighten the Banjo Bolt. **IMPORTANT:** Position the hose to avoid interference with the wheel and suspension components. Tighten fitting and banjo bolt to 15-20 ft.lbs. (Refer to step 6 in installation notes)

Refer to Bleeding and Rotor Seasoning procedures outlined on a separate sheet.

For service components and replacement parts contact your Baer Brake Systems Tech Representative.

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