



Installation Instructions

Product: Classic Series 13" Front

Instruction Part Number: 6000739

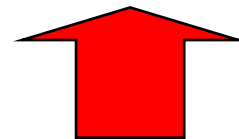
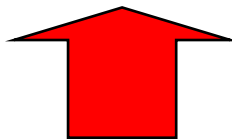
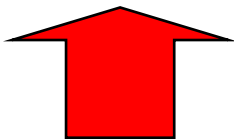
Revision Date: 14 November 2022

Vehicle Make: Ford

Model: Mustang

Year(s): 1994-2004

ATTENTION: Read this before going further! Returns will not be accepted for ANY installed PART or ASSEMBLY. Use great care to prevent cosmetic damage when performing wheel fit check. If a product must be returned, please contact Baer Customer Service for an RMA Number. Always read and follow the notices below before attempting installation



Notices – Read and Follow BEFORE ATTEMPTING INSTALLATION

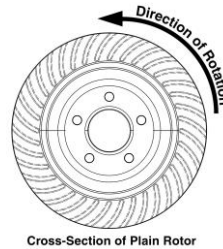
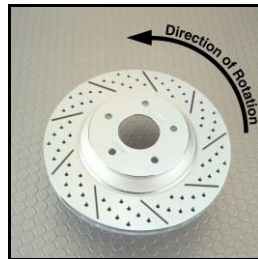
- All installations require proper safety procedures and protective eyewear.
- All installations assume basic mechanical skill and a factory service manual for the vehicle on which the installation is to be performed.
- All references to the “left” side of the vehicle correlate to the driver’s side of 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, jack stands rated for a minimum of 2-tons is recommended.
- 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, safety catch can, and protective eyewear. Other than these items, if unique or special tools are required, they will be stated appropriately in the installation step.
- ALWAYS CONFIRM WHEEL FIT BEFORE BEGINNING INSTALLATION OF ANY BRAKE SYSTEM OR “UPSIZED” ROTOR UPGRADE! In addition to checking wheel fitment of this system with the wheel fitment template (available online at www.Baer.com), always place the actual corner assembly or a combination of the caliper assembly on the rotor, and into the actual wheel with great care to prevent cosmetic damage. This procedure will reconfirm proper clearance between the caliper and the wheel before proceeding with the actual installation.

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- Returns will **not** be accepted for systems that have been partially or completely installed. **Use extreme care when checking wheel fitment to prevent any cosmetic damage of brake components.** Wheel fitment can also be checked before installation using a wheel fitment template supplied at www.Baer.com.



- When installing new Baer rotors, 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 US spec vehicles. Images shown are “L” left rotors:



- A proper professional wheel alignment is required for any system requiring replacement of the front spindles, or tie rod ends. Follow factory prescribed procedures and specifications unless otherwise indicated.
- If anything is unclear or the parts require force to install at any point during the installation, stop immediately and consult directly with Baer Technical Staff. Please have these instructions, as well as the part number of the component (part numbers are machined into the brackets) that is/are 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 Technical Staff is available from 8:30a.m. - 5:00p.m. Mountain Standard Time (Arizona does not observe Daylight Savings Time) by phone: (602)-233-1411 Monday through Friday.

INSTALLATION:

These instructions detail the installation the Classic Series 13" Front brake system for 1994-2004 Mustangs. Complete these instructions for the left-hand side of the vehicle before continuing to the right-hand side of the vehicle.

Removal of Factory Brake Components

1. Carefully lift the front end of the vehicle and support with properly rated jack stands.
2. Remove the front wheel from the vehicle, retain the lug nuts.
3. Disconnect the existing brake hose from the vehicle hardline. Cap the hardline flare with the provided vinyl caps to prevent brake fluid from leaking during installation.
4. Remove the hose lock securing the hose to the tab on the vehicle frame and pull the hose through the tab. Take care when performing this step as there may be residual brake fluid inside the hose.
5. Remove the existing brake caliper from the front knuckle with the existing hose still attached.
6. Inspect the mounting ears of the knuckle for any damage or debris that could prevent the new brake components from installing or functioning properly.
7. Clean or remove any debris from the mounting ears. If damage is present on the mounting ears, ensure the new brake caliper mounts flush against the **outboard** side of the mounting ears of the knuckle. If not, replace damaged knuckles or other components as necessary.
8. Remove the existing brake rotor from the front knuckle.
9. Inspect the wheel hub mounting face for any damage or debris that could prevent the new brake components from installing or functioning properly. Now is a good time to check the wheel hub bearings, rotate the wheel hub and note any sounds of 'scraping' and/or 'scratching' as these could be indicators of worn-out wheel bearings. Replace any worn-out wheel bearings as they pose a significant safety risk.
10. Remove any debris from the wheel hub mounting face. If damage is present, ensure the new brake rotor installs flush against the mounting face of the wheel hub without interference. If not, replace the wheel hub or other components as necessary.

Brake Rotor Installation

11. Install the correct side rotor, Baer rotors are marked with a sticker denoting left 'L' or right 'R' for the corresponding side of the vehicle. Refer to the rotor section on page 2 if you are unsure of rotor rotation direction / orientation.
12. Temporarily secure the rotor to the wheel hub with a lug nut and washers to prevent scratching the rotor face. Performing this step is **not** necessary but will allow for easier installation of the new brake calipers.

Brake Caliper Installation

13. Install the correct side caliper (bleeder screw pointing up) to the mounting ears of the front knuckle with the supplied M12-1.75 hex head cap screws and washers. Torque the supplied hardware to 85 ft-lbs. to secure the caliper to the knuckle.
14. Remove the lug nut and washers, temporarily securing the rotor, from the wheel hub.

Brake Hose / Hardline Installation

15. Install the banjo fitting end of the stainless-steel braided brake hose to the inlet of the new brake caliper with the supplied banjo bolt and crush washers. Place one crush washer on either side of the banjo fitting of the hose before threading the banjo bolt into the inlet of the caliper.

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16. Finger tighten the banjo bolt until snug, then torque the banjo bolt to 15-20 ft-lbs. taking care not to strip the threads at the inlet of the caliper.
17. Install the provided hardline adapter fitting to the -3AN portion of the new stainless-steel braided hose.
18. Remove the vinyl cap from the vehicle hardline flare and connect the opposite end of the hardline adapter to the vehicle hardline.
19. Torque the hardline adapter fitting to 15-20 ft-lbs. on both the hose and the vehicle hardline.
20. Carefully position the stainless-steel braided brake hose to avoid any suspension components through their entire range of motion (from steering lock to steering lock).
21. Repeat steps 3-20 for the other side of the vehicle. **Check all attachment points and fluid connections. ENSURE ALL FASTENERS HAVE BEEN TORQUED TO THEIR SPECIFIED VALUES PRIOR TO OPERATING THE VEHICLE.**
22. Reinstall the front wheels and torque the lug nuts to the specified torque value of the manufacturer, in a crisscross pattern.
23. Carefully lift the vehicle and remove the jack stands from beneath.
24. CAREFULLY and SLOWLY lower the vehicle to the ride height and pull the vehicle jack from under the vehicle.

Baer recommends using “**Baer Street/Race DOT4 Brake Fluid**” for all Baer brake systems. The link to order the recommended brake fluid is below.

Refer to Bleeding, Pad Bedding and Rotor Seasoning Procedures contained on a separate sheet, or on www.baer.com. For service components and replacement parts contact your Baer Brake Systems Tech Representative at 602-233-1411, or visit: <https://baer.com/System-Parts-Tools/>.