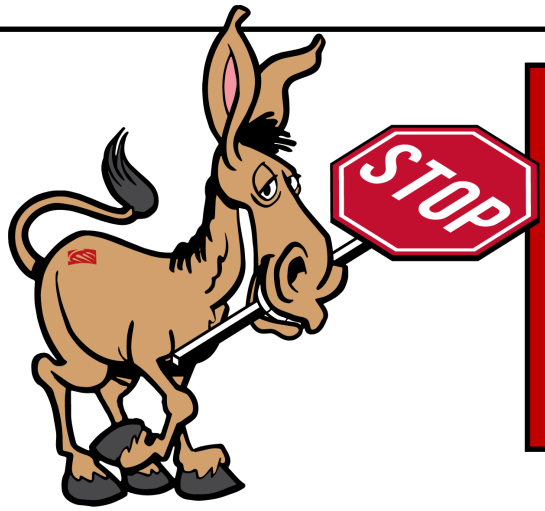
INSTALLATION INSTRUCTIONS

PART NUMBER: 6000812
VEHICLE MAKE: GM & CHEVROLET
MODEL: 1500 SERIES PLATFORM
YEARS: 2000-2026

PRODUCT: 6T OFFROAD FRONT SYSTEM
REVISION: REVISION B
REVISION DATE: 20 JANUARY, 2026



READ BEFORE CONTINUING!
Returns will not be accepted for ANY installed PART or ASSEMBLY. Use great care in preventing cosmetic damage when performing wheel fit check. If a product must be returned, please contact Baer customer service for an RMA number.
The recipient of this product indemnifies Baer Inc. for all liabilities or losses incurred in connection with the recipient modifying or altering Baer Inc. product during 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.
- 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 should be verified before installation using a wheel fitment template supplied at www.Baer.com
- When installing new Baer rotor, be sure to follow the direction of rotation indicated on the rotor hat area with either an arrow, an "L" for left, or an "R" for right, or both. "L" always indicates the rotor for the driver side of US spec vehicles. Follow the rotor installation and rotation instructions included in the promo pack (P/N 6020502) included with your system when installing rotors. Failure to properly install rotors will not allow for proper function of the brake system and will cause heat related fatigue and failure.
- A professional wheel alignment is required for any system requiring the replacement of the front spindles or tie rod ends. Follow factory prescribed procedures and specifications unless otherwise indicated.

- Contact Baer technical support at 602.233.1411 if you are unsure that the brake system you ordered will work for your application based on the axle standoff you measured.
- **Note: Baer recommends taking photos of the brake system before disassembly and during each step of the disassembly process. Photos may allow technical support to better assist given any necessary troubleshooting.**
- If anything becomes unclear or any parts require force to install at any point during the installation, stop immediately and consult directly with Baer technical staff. Please have these instructions and the part number of the components that is/are proving difficult to install. Please provide technical staff with the make, model, and year (date of vehicle production is preferred) of your vehicle. Baer's technical staff is available by phone (602.233.1411) or email (ContactUs@Baer.com) from 8:30 AM - 5:00 PM MST (Mountain Standard Time) Monday - Friday (Arizona does not observe Daylight Savings Time).

*****IMPORTANT NOTES, PLEASE READ THOROUGHLY BEFORE BEGINNING INSTALLATION***:**

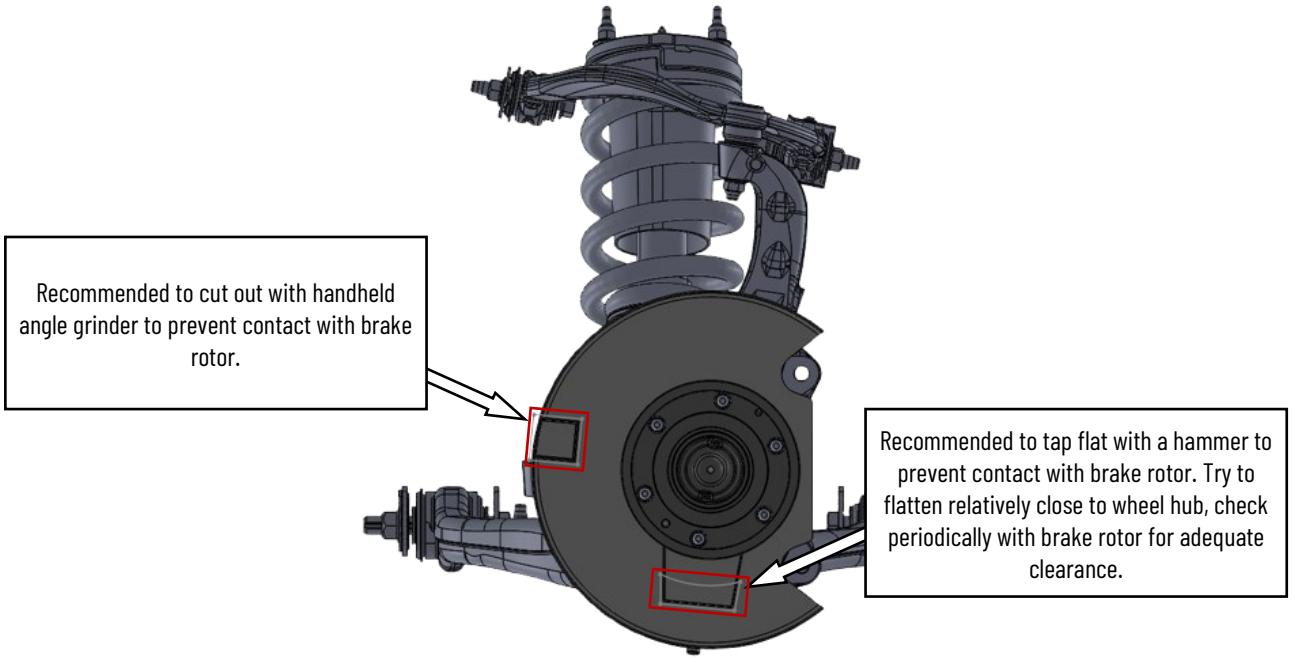
- **IT IS RECOMMENDED TO PLACE THE VEHICLE INTO BRAKE MAINTENANCE MODE PER VEHICLE MANUFACTURER'S INSTRUCTIONS BEFORE SERVICING OR CHANGING BRAKE COMPONENTS. FAILURE TO DO SO MAY RESULT IN INJURY AND/OR DAMAGED BRAKE COMPONENTS. THE VEHICLE MUST BE TAKEN OUT OF BRAKE MAINTENANCE MODE FOLLOWING SERVICE OF THE BRAKES, BEFORE OPERATING THE VEHICLE.**
- **NEWER VEHICLES MAY EXPERIENCE A DTC WHEN THE BRAKE SYSTEM IS OPENED DURING INSTALLATION, THIS INCLUDES WHEN THE FACTORY BRAKE HOSE IS REMOVED AND REPLACED. THESE DTC'S ARE STORED IN THE VEHICLE'S ECU AND MUST BE CLEARED VIA A SCANNING TOOL FOLLOWING THE INSTALLATION OF THIS BRAKE SYSTEM.**

FACTORY BRAKE DISASSEMBLY

1. Unbolt the factory caliper assembly from the knuckle and move it to the side within the wheel well. Make sure to support the caliper assembly within the wheel well, do not allow it to hang by the brake hose as this may damage the hose.
2. Remove the factory rotor from the wheel hub.
3. Inspect the caliper mounting ears on the knuckle for debris and/or damage. Properly clean any debris and address any damaged components as necessary per manufacturer's recommendation.
4. Inspect the rotor mounting face on the wheel hub for debris and/or damage. Properly clean any debris present on the wheel hub. Replace any damaged components as necessary per manufacturer's recommendation.

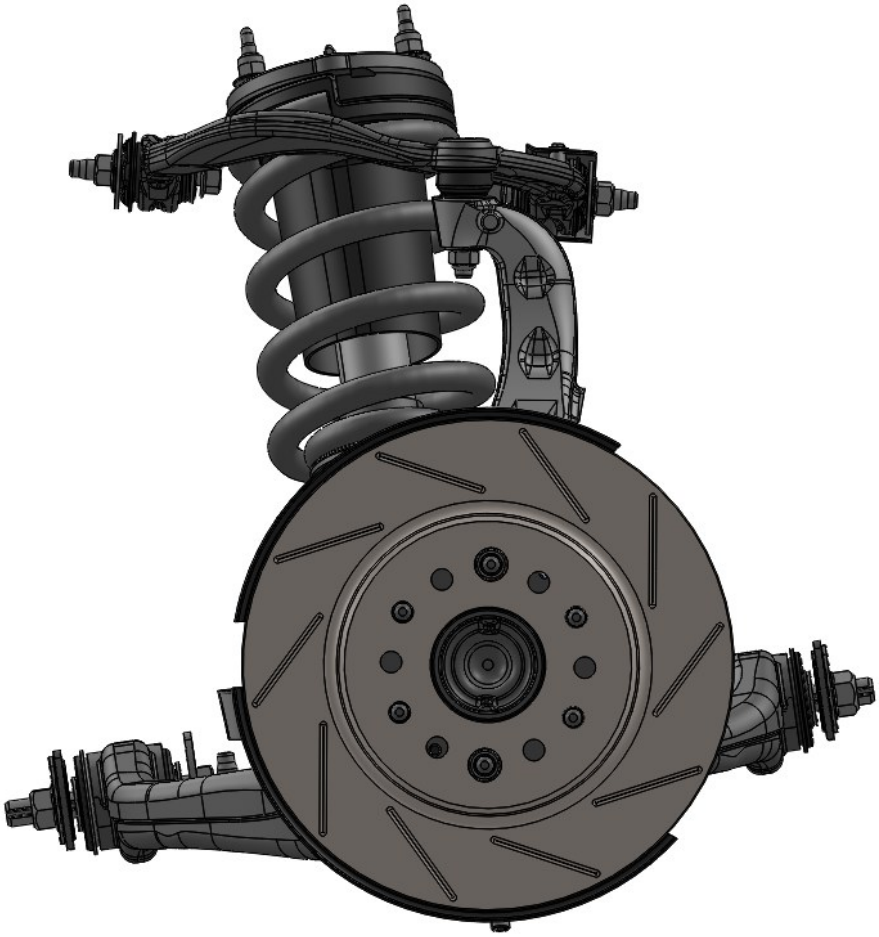
BAER 6T OFFROAD SYSTEM INSTALLATION

1. Carefully modify the factory dust shield as outlined below to prevent contact with the brake rotor in this system. The dust shield must remain installed between the wheel hub and the knuckle to ensure the caliper will be centered over the rotor once installed.



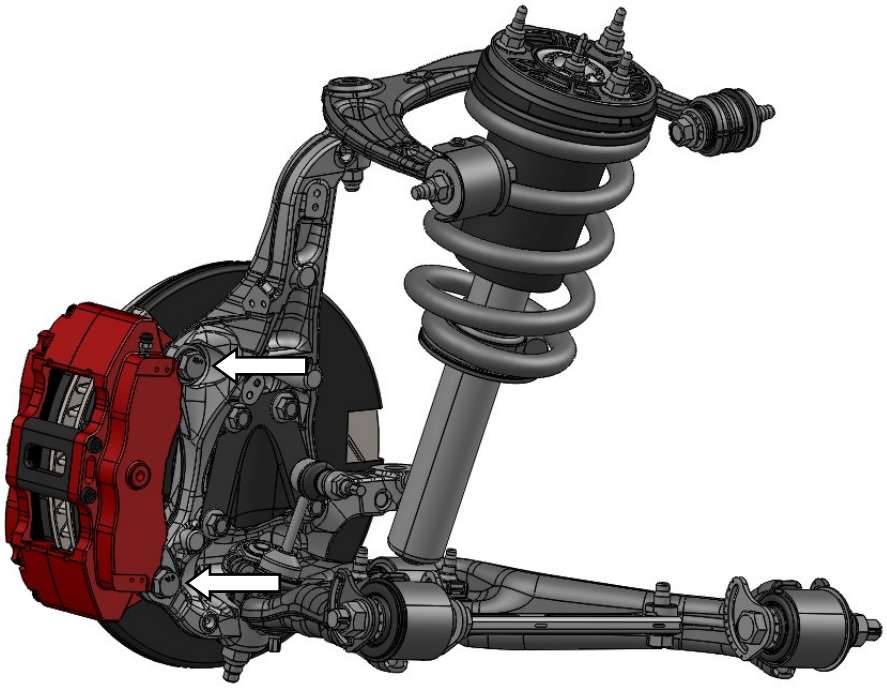
BAER 6T OFFROAD SYSTEM INSTALLATION CONTINUED

2. Install the correct side rotor, referring to the supplied *"Rotor Direction and Installation"* instructions provided within the promo packet supplied with this system. The left side rotor is shown installed on the left hand knuckle in the photo below for reference. Temporarily secure the rotor to the wheel hub with two lug nuts, this will aid in keeping the rotor in place during the caliper assembly installation.

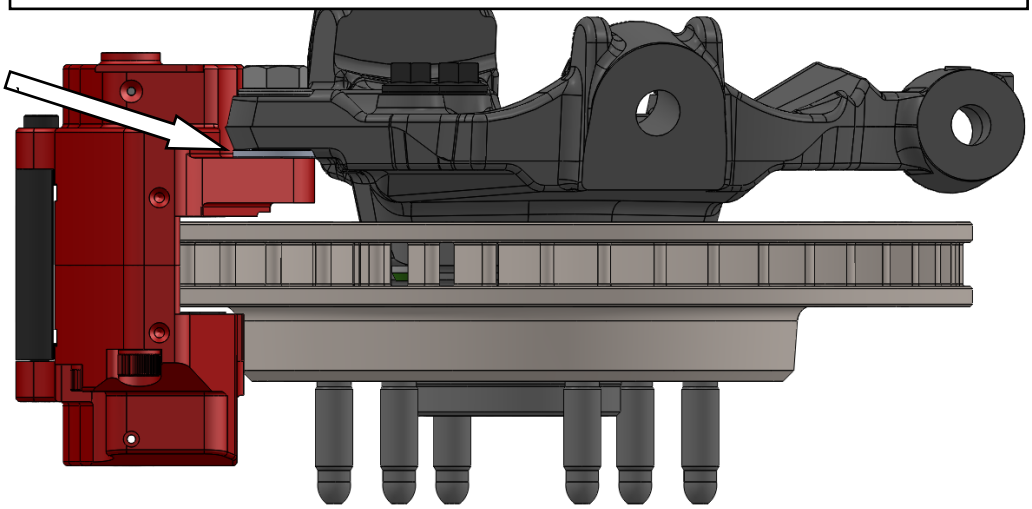


BAER 6T OFFROAD SYSTEM INSTALLATION CONTINUED

3. Install the correct side 6T caliper assembly to the knuckle with the provided M14-2.0 hardware. The caliper mounts in place where the factory caliper used to. **NOTE: For vehicle models older than 2019, place the provided 1/8" spacers between the caliper mounting ears and the mounting ears on the steering knuckle. Install one of the provided spacers for each bolt, this will allow the caliper to be centered over the rotor.** Torque the mounting hardware to 110 ft-lbs. to secure the caliper assembly to the knuckle. Photos of the left side (driver side) installation shown below for reference.



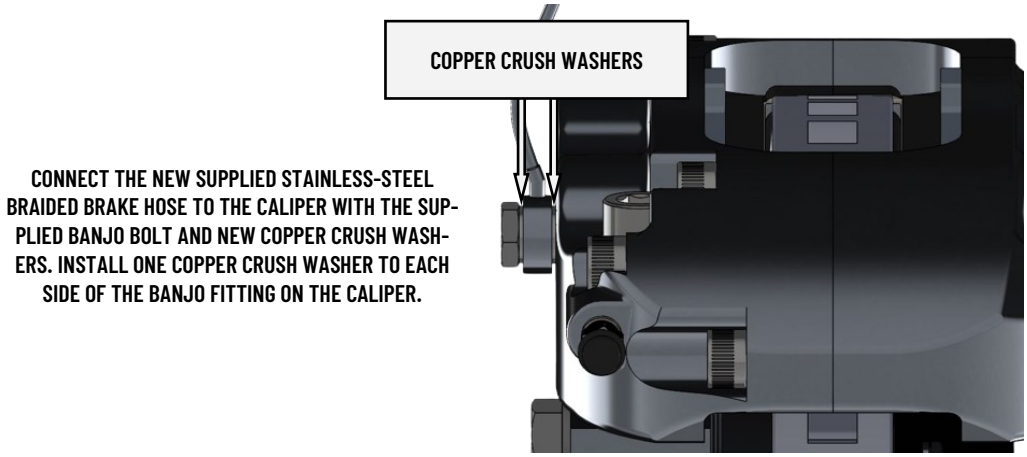
For vehicle models older than 2019, place the provided spacer between the caliper assembly and the knuckle before securing the caliper assembly to the knuckle. Torque the mounting hardware to 110 ft-lbs.



BRAKE HOSE / HARDLINE RETAINER INSTALLATION

NOTE: FOR VEHICLES EQUIPPED WITH LIFT KITS/AFTERMARKET SUSPENSION COMPONENTS, APPROPRIATE LENGTH HOSES AND ATTACHMENT FITTINGS/BANJO BOLTS MUST BE SOURCED TO CONNECT BRAKE CALIPERS TO APPLIED SYSTEM.

1. **FOR VEHICLES NOT EQUIPPED WITH LIFT KITS/AFTERMARKET SUSPENSION COMPONENTS:** Connect the new supplied stainless-steel braided brake hose to the caliper with the supplied banjo bolt and new copper crush washers. The calipers in this system come with two fluid inlets, one on the back of the caliper and one on the bottom of the caliper. Determine which inlet will work best for your application and plug the other inlet with the supplied pressure plug and crush washer. Install one copper crush washer to each side of the banjo fitting on the hose (2 per caliper). Attach the hose to your preferred inlet and finger-tighten the banjo bolt.



2. Position and route the new brake hose to avoid interference with the wheel and suspension components through their entire range of motion.
3. Disconnect the factory brake hose from the brake hardline fitting on the vehicle frame.
4. Connect the opposite end of the new hose with the adapter fitting (if supplied) to the hardline and install the hose lock.
5. Tighten the adapter fitting (if supplied) at the hardline, the banjo bolt, and the pressure plug connected to the caliper to 10-15 ft-lbs. or until brake fluid no longer leaks, taking care not to strip any threads.
6. Repeat steps 1-5 for the other side of the vehicle and re-check all attachment points and fittings.
7. For vehicle models 2019 and newer, simply tie the brake pad wear sensor out of the way, off on the steering knuckle. The 6T system does not utilize the factory brake pad wear sensor.

ENSURE ALL FASTENERS HAVE BEEN TORQUED TO THEIR SPECIFIED VALUES BEFORE OPERATING 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 within the promo pack (P/N 6020502) provided with this system. For service components and replacement parts, contact a Baer Brake Systems Technical Representative or visit the link below. https://baer.com/System-Parts-Tools/.

NOTE: IF THE VEHICLE WAS PLACED IN BRAKE MAINTENANCE MODE BEFORE BEGINNING INSTALLATION, IT MUST BE TAKEN OUT OF BRAKE MAINTENANCE MODE PER VEHICLE MANUFACTURER'S INSTRUCTIONS BEFORE OPERATING THE VEHICLE.

We at Baer understand there are many options when it comes to performance brake suppliers and appreciate your business. Great pride and care were taken in designing, assembling, and packaging all components of this brake system.

Thank you for your purchase.