

16-2517 Front Disc Brake Kit Off-Road & Sand Cars

W/Combo Spindles

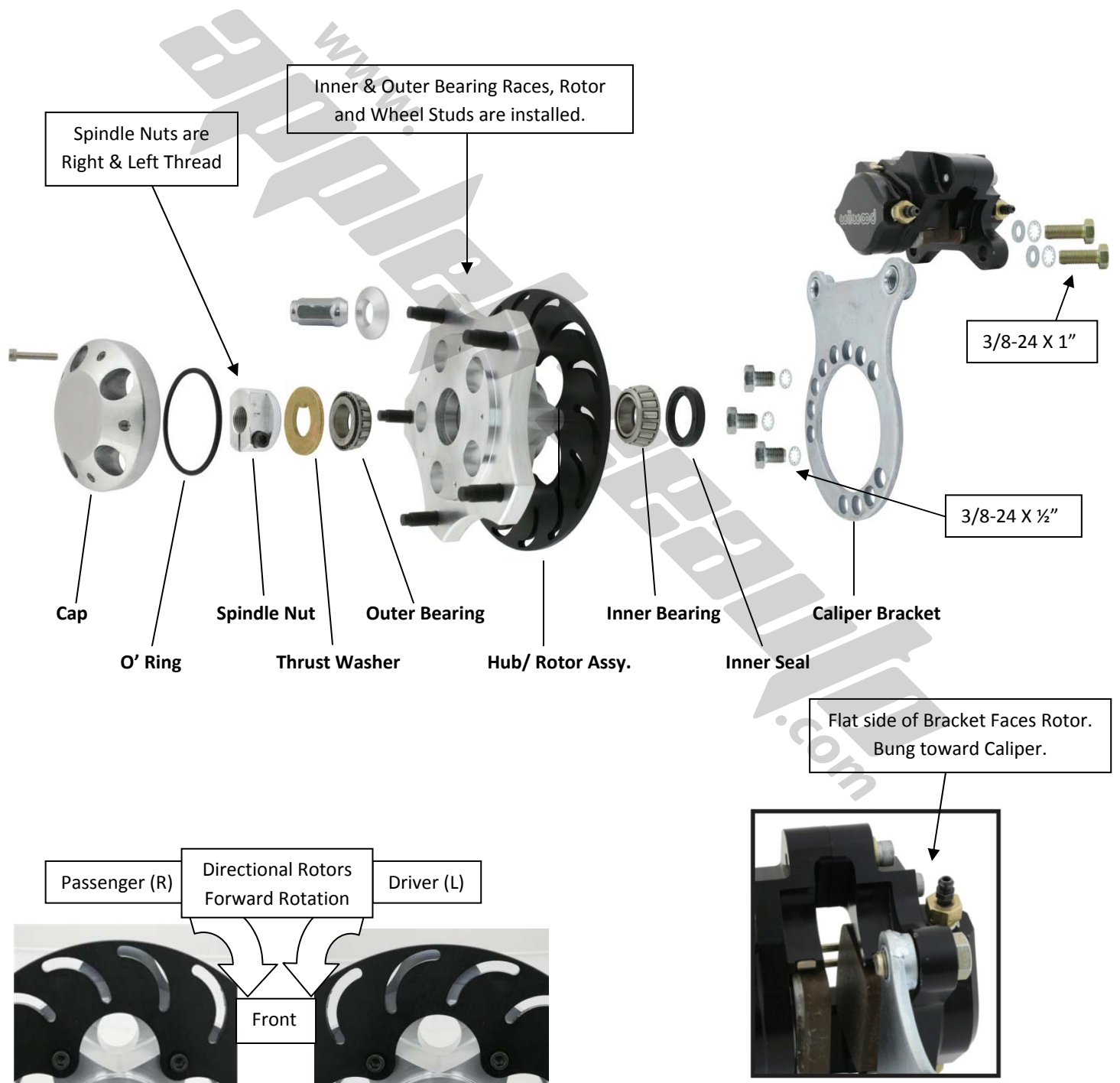
WARNING: FOR OFF-ROAD USE ONLY

Read all instructions and disclaimer of warranty provided with this product.

Rotors are 'directional' and are marked 'L' and 'R' accordingly. Rotors have been assembled to hub using a thread-locking sealant and bolts have been tightened to specification.

Bearing Races have been installed in the hubs.

Instructions assume that new EMPI Combo Spindles (17-2518) will be used. Spindles should be cleaned and prepped for installation. If not using EMPI spindles, additional hardware may be required to complete installation.



1. Install the caliper bracket to spindle using 3/8-24 X 1/2" Bolts and lock washers provided and torque to 35 ft. lbs. Note that the brackets are left & right sides - flat side of bracket faces rotor. 'Clock' caliper position to the rear of the spindle.
2. Pack the new wheel bearings with suitable hi-temp wheel bearing grease and install in the hub using provided new inner seal.

3. Install the new Hub and Rotor on the spindle using the thrust washer and spindle nut provided.
Note – Spindle nuts are Left and Right threads. Adjust to specification making certain not to over tighten the spindle nut as this may cause bearing failure.
4. Prepare/Install the Caliper :
 - A. Install the fitting that you have chosen for your brake lines, using Teflon tape on the threads. The caliper is threaded for 1/8 NTP.
 - B. Next install the brake pads through the top of the caliper and secure with the 'diaper' pin.
 - C. Slide the caliper over the rotor and bolt it to the mounting bracket with the 3/8-24 X 1" bolts, flat washers and lock washers supplied. Use a thread locker sealant and torque to 35 ft. lbs.
5. Install center cap using the 12-24 socket head screws provided.
6. Repeat installation on the other side of vehicle.
7. Bleed the brake system. Calipers should be in a vertical position, bleeder screws up, while bleeding.
8. Lug nuts and wheel washers are included for installation of your wheels/tires.

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Warning:

The EMPI/RACE TRIM Off Road Brake Kit ("Brake Kit") is designed for high performance, off-road racing applications only. Installation of the Brake Kit, or any component thereof, should only be performed by persons experienced in the installation and proper operation of disc brake systems. It is the responsibility of the person installing the Brake Kit, or any component thereof, to determine the suitability of the brake components for each particular application. The Brake Kit is comprised of the components listed below. It is the responsibility of the person installing the Brake Kit to be familiar with each component part, including all product insert materials relating to the component parts, before beginning any installation process.

Before operating vehicle, test the brakes under controlled conditions. Make several stops in a safe area from low speeds and gradually work up to normal driving speeds. **Do not drive on untested brakes! Always utilize safety restraint systems while operating vehicle.**

Racing component parts, including brakes, must be maintained and should be checked regularly for damage and wear and tear.

Disclaimer of Warranty:

EMPI/RACE TRIM makes no warranties, whatsoever, expressed or implied, oral or written, to purchaser, with respect to the Off Road Brake Kit ("Brake Kit") and/or any component thereof. EMPI/RACE TRIM makes no warranty of merchantability or implied warranty of fitness to purchaser with respect to the Brake Kit and/or any component thereof. The purchaser agrees to take, select, and purchase said Brake Kit, including all components thereof, "as is" and "with all faults." Purchaser has full and complete opportunity to examine, at purchaser's leisure and convenience, the Brake Kit before purchasing and/or when contemplating purchasing said Brake Kit.

Purchaser acknowledges that due to the differing circumstances, conditions and applications under which the Brake Kit is installed and used, purchaser does not rely on EMPI/RACE TRIM's skill or judgment to select or furnish the proper Brake Kit, or any component thereof, for any particular application. Purchaser expressly affirms that purchaser is responsible for determining the suitability of the EMPI/RACE TRIM Brake Kit for the particular application.

If, and in the event, that purchaser expressly or impliedly makes representations, statements or affirmations of fact contrary to this disclaimer, the purchaser agrees to indemnify and hold harmless EMPI/RACE TRIM in the event any claim, demand or legal action is made against EMPI/RACE TRIM arising in connection with such representation. If, and in the event, that purchaser improperly installs said Brake Kit and/or any component thereof, purchaser agrees to indemnify and hold harmless EMPI/RACE TRIM in the event any claim, demand or legal action is made against EMPI/RACE TRIM arising in connection with the improper installation.

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