



22-2881, 22-2882, 22-2886 and 22-2887 Disc Brake Kit Installation Instructions



Thank you for purchasing this Disc Brake Kit from EMPI Inc. **NOTE: It will be necessary to re-align your front end.**

These step by step instructions should be read before you start to do any work and you should be able to understand them completely. If you do not have the resources to do this installation then have it performed by a qualified mechanic. Failure to follow these directions could result in damage to your vehicle or possible bodily injury.

STEP 1 - To start, secure the car on a level, hard surface. Block the rear wheels and set the emergency brake, loosen the front lug nuts while the front wheels are still on the ground. But do not remove yet.

STEP 2 - Elevate the complete front suspension off of the ground and use approved jack stands to support the weight of the car. (Do not use the jack only to support the car.)

STEP 3 - Remove both front wheels.

STEP 4 - Remove the front brake drum on the driver's or left side. Making sure you remove the inner wheel bearing and old grease seal.

STEP 5 - Loosen and remove the rubber brake hoses from metal brake line at the pan.

STEP 6 - Remove the 3 bolts that hold the drum brake backing plate to the spindle. Remove the complete backing plate with hose.

STEP 7 - Install your new drop spindles.

STEP 8 - Install the existing wheel bearing races in the new rotors. (Be careful not to damage the rotor or the races by binding them.) If you do not wish to reuse your bearings and seals you can purchase new ones from your EMPI dealer, # 22-2851.

STEP 9 - Pack the bearings with suitable hi-temp wheel bearing grease.

STEP 10 - Install the greased wheel bearings and the inner seal in the new rotors. Install the dust shield onto the spindle.

STEP 11 - Install the new rotor on the existing drum brake spindle - using existing thrust washer and adjuster nuts. Adjust to factory specifications. (Be careful not to over tighten adjuster nut. This will cause overheating of the bearings, resulting in damage to spindle, bearings and rotor.) Install the grease cap and speedometer clip.

STEP 12 - Remove the plastic separator from between the brake pads in the caliper and install the caliper onto the bracket. Use a thread locker sealer and torque to 35 ft. lbs. Supplied hardened washers may be used to align caliper and rotor (see Figure 1).

STEP 13 - Install the hose at the caliper first.

STEP 14 - You are now ready to repeat this procedure on the passenger side. Once completed you will be ready to bleed the system

STEP 15 - To bleed the complete hydraulic system. Fill the brake fluid reservoir with fresh dot 3 disc brake fluid .

STEP 16 - Start at the master cylinder loosening metal each metal brake line to bleed air there first - recheck the fluid level.

STEP 17 - Bleed the passenger side caliper side caliper first and then driver's side -remembering to not allow the reservoir to run dry!

STEP 18 - Do the final bleeds. Start with the passenger's rear then driver's rear, then the passenger's front, and finally the driver's front. Do the final fill of the brake fluid.

STEP 19 - Rinse the brake fluid off with water (brake fluid is water-soluble), be careful not to let brake fluid get on any painted surfaces.

STEP 20 - Re-install the front tires and wheels, remove from the jack stands and lower the car to the ground. Give the lug nuts a final tightening.

When test driving, be sure to make a few slow short stops first, to familiarize yourself with the cars new braking power and making sure that everything is functioning properly.

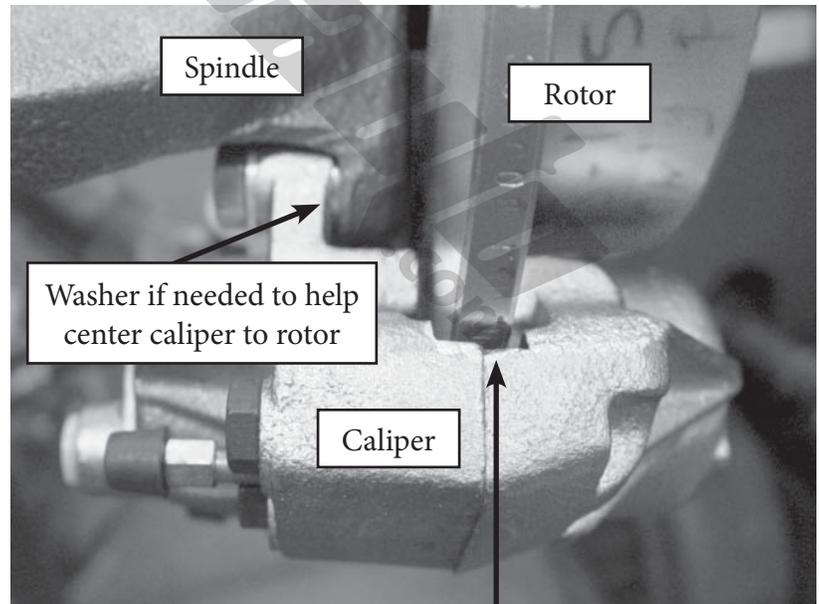
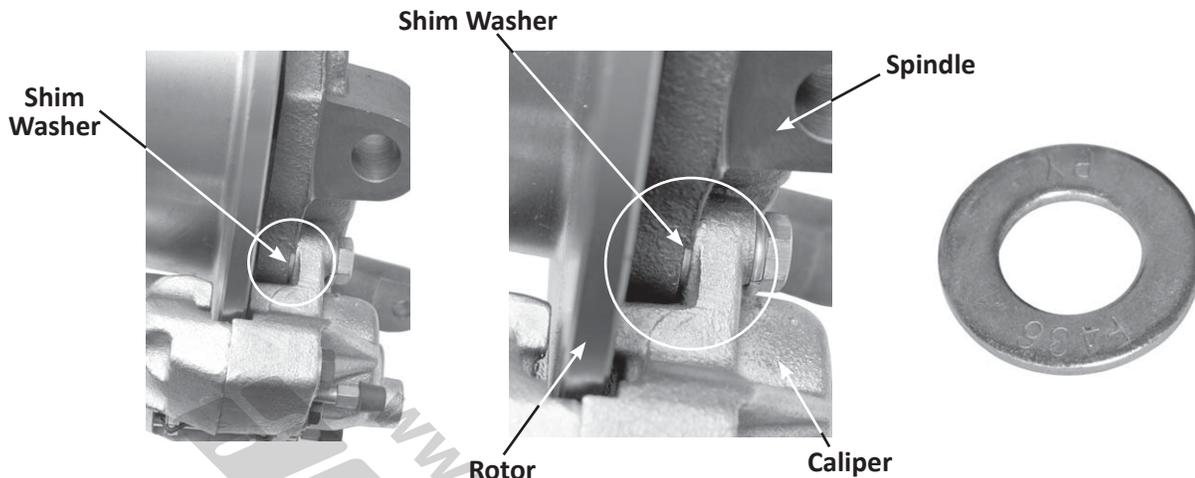


Figure 1

Rotor centered in Caliper

CALIPER SHIM WASHERS

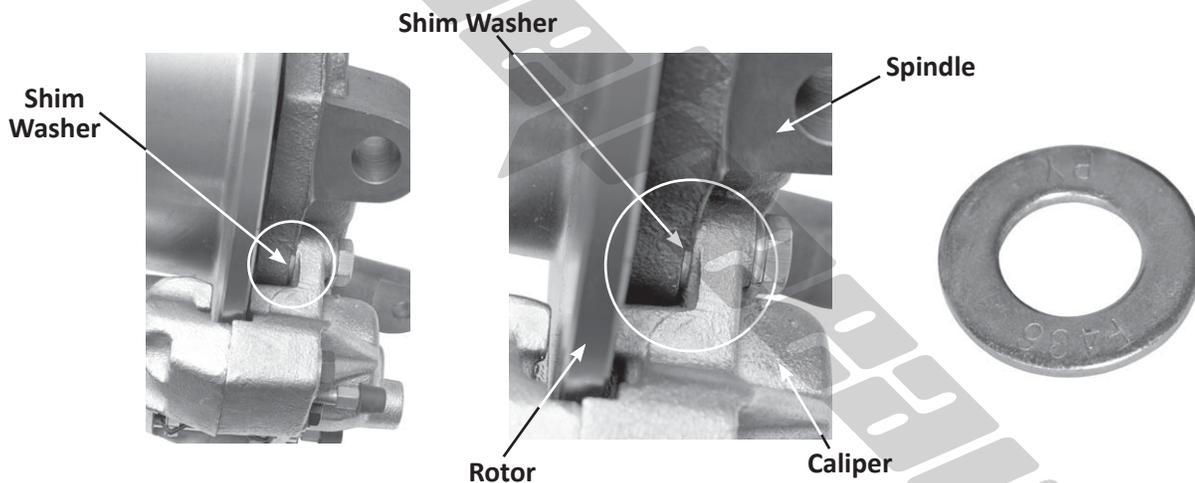
Hardened Caliper Shim Washers are provided to accommodate for the machining variances between the Rotor, Caliper and Spindle. If necessary, use the Hardened Shim Washers on the Caliper Mounting Bolts, between the Caliper and Spindle.



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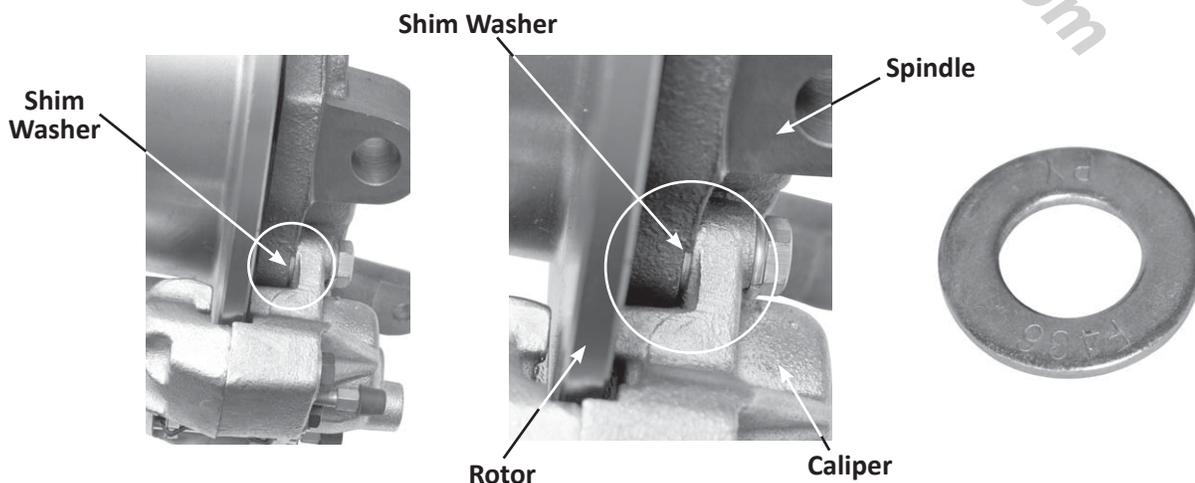
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