



22-2925, 22-2956 Disc Brake Kit Installation Instructions

Thank you for purchasing this Disc Brake Kit from EMPI Inc.

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 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 6A – For Kit #22-2925 and 22-2926. You must replace your spindle with the new spindle furnished in the kit. Inspect your link and king pin bushings or your ball joints. If they are in need of replacement you can purchase these parts at your EMPI dealer.

Step 7 – Pack the bearings with suitable hi-temp wheel bearing grease.

Step 8 – Install the greased wheel bearings and the inner seal in the new rotors.

Step 9 – Install the new rotor on the 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 cap.

Step 10 – Remove the plastic separator from between the brake pads in the caliper and install the caliper onto the bracket, the bleeder valve must go up. Use a thread locker sealer and torque to 35ft lbs.

Step 11 – Install the hose at the caliper first.

Step 12 – You are now ready to repeat this procedure on the passenger side. Once completed, you will be ready to bleed the system.

Step 13 – To bleed the complete hydraulic system. Fill the brake fluid reservoir with fresh dot 3 disc brake fluid.

Step 14 – Start at the master cylinder loosening metal each metal brake line to bleed air their first – recheck the fluid level.

Step 15 – Bleed the passenger side caliper side caliper first and then driver's side – remembering to not allow the reservoir to run dry!

Step 16 – 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.

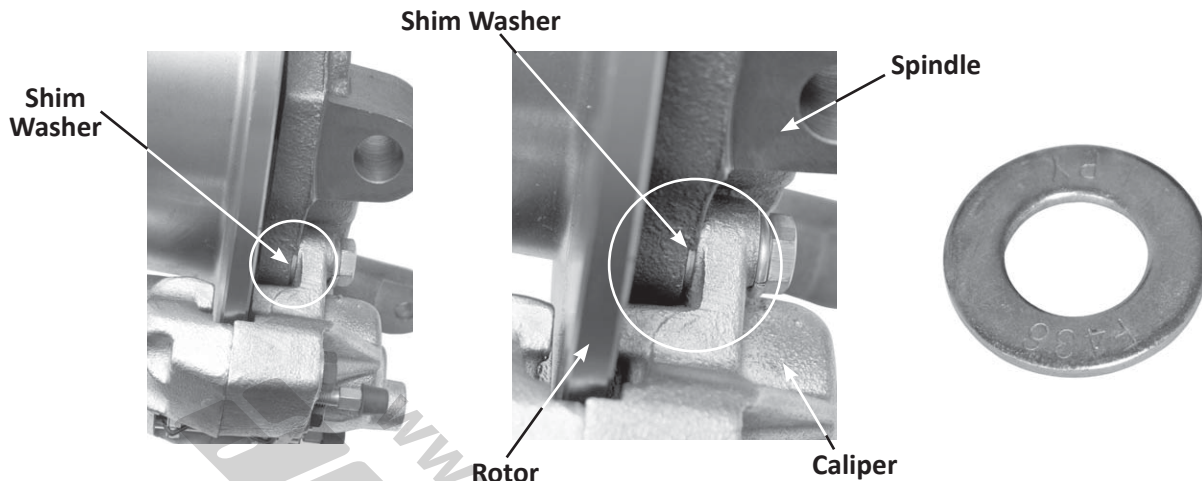
Step 17 – Rinse the brake fluid off with water (brake fluid is water-soluble), be careful not to let brake fluid get on any painted surfaces.

Step 18 – 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. it is recommended to check the front alignment.

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CALIPER SHIM WASHERS

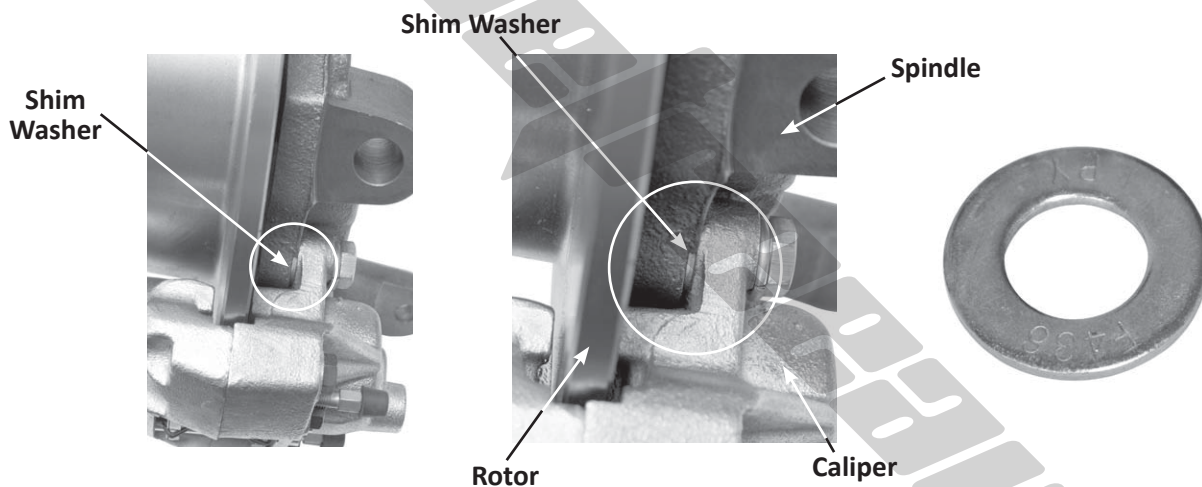
Hardened Caliper Shim Washers are provided to accommodate for the machining variances between the Rotor, Caliper and Spindle. If necessary, use the Hardened Shim Washers on the Caliper Mounting Bolts, between the Caliper and Spindle.



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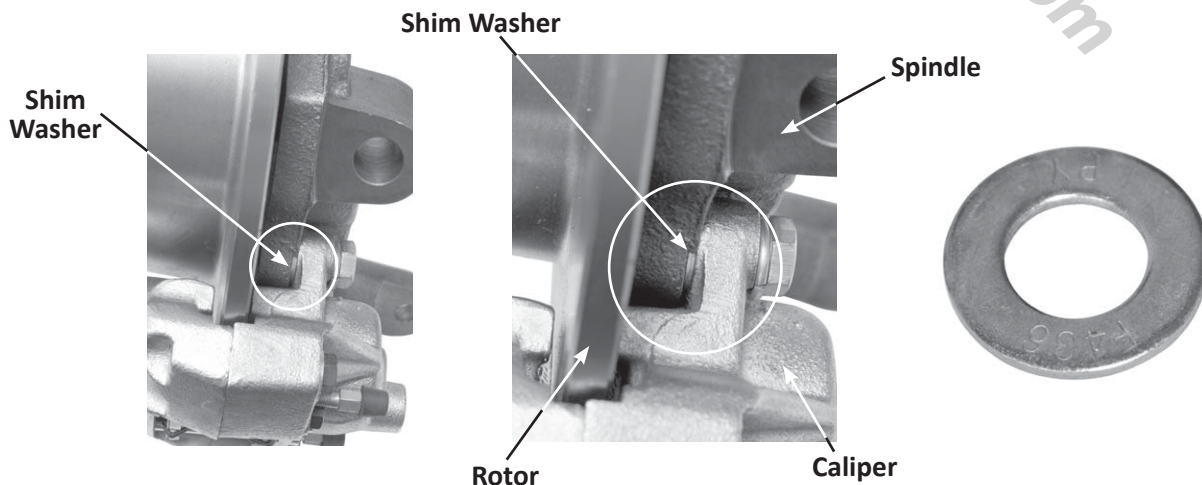
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