



Ball Joint Wide 5 Bolt-On Disc Brake Installation Guide

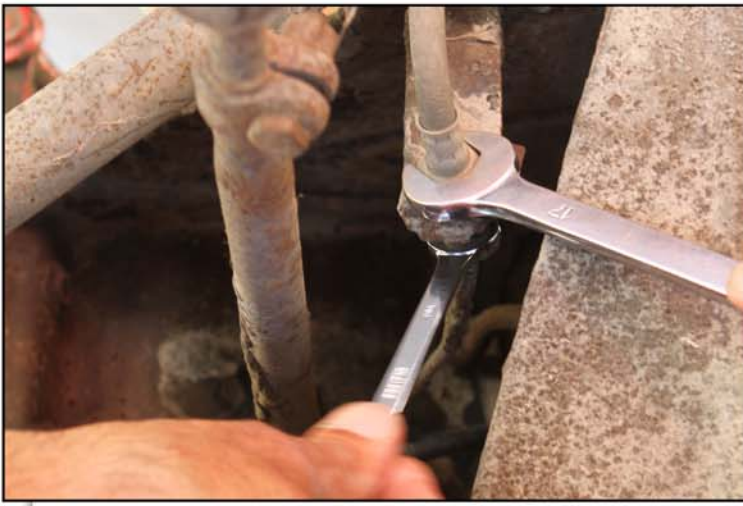
(Kit pictured is shown with optional cad plated, drilled and slotted rotors.)



1 - Loosen front wheel lugs, jack up the front of the car, place jack stands under the front end, and lower the car onto the jack stands.



2 - Remove front wheels and brake drums.



3 - Remove rubber flex brake hose from the hardline, be careful not to round off the hex nut on the original hardline; it is best to use a brake-line wrench for this job. You will also need to remove the spring clip that holds the rubber flex hose in place.



4 - Remove the three bolts and washers that hold the backing plate in place and slide the backing plate assembly off of the spindle. (Save these bolts and washers)

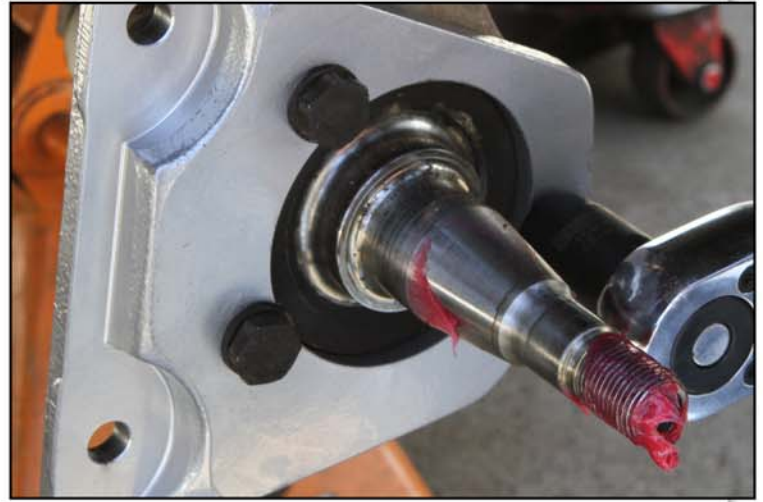
5 - Clean and inspect the spindles looking for wear on the bearing journals. This is a good time to inspect your ball joints as well.



6 - Install the inner and outer bearing races into the wide 5 hub. Be careful not to pound the races in too far as this will destroy the aluminum hub.



7 - Grease the wheel bearings using Disc Brake wheel bearing grease.



8 - Install the inner wheel bearing and then the bearing seal.

9 - Install the caliper mounting brackets to the spindles using the original backing plate bolts and washers; be aware that there is a right and left bracket, torque to factory specifications (The caliper mounts face toward the rear of the vehicle).

10 - Wipe a thin layer of grease on the spindle and threads.



11 - Install the Wide 5 rotor assembly on the spindle, slide the outer wheel bearing into place and install the spindle nut and washer. Adjust bearing free-play and torque per factory specs.



12 - Install the disc brake calipers (be aware that there is a left and right caliper) The brake hose has to mount on the top side of the caliper to bleed properly.

13 - Install the new brake hoses supplied in the kit. Use the factory spring clip to secure the brake hose.

14 - Install the bearing grease caps.

15 - Bleed the brakes starting at the passenger side following factory brake bleeding procedures. Be sure to keep the brake fluid level topped off during the process. The brake pedal should be firm and solid. If your pedal is not firm and solid check for leaks and re-bleed the system.



16 - Install your wheels and torque to factory specifications.

17 - Be aware that this kit moves your wheel out 7/8", check tire to fender clearance throughout the entire range of wheel travel, up and down as well as lock to lock on the steering wheel. If you have issues with your tires hitting the fender we recommend the CB Performance 2" Narrow Axle Beams.

18 - Time for the test drive; slowly apply brakes to break-in the pads and rotors.



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