

DB1303B

1962-1974 A, B & E Body

Plymouth & Dodge

Installation Instructions

WARNING:

Installation of any component or kit should only be performed by persons experienced in the installation and proper operation of disc brake systems. It is also the responsibility of the person installing any brake component or kit to determine the suitability of the component or kit for that particular application.

NOTE:

Before operating the vehicle after installation test the function of the brakes under controlled conditions. Make several stops in a safe area from low speed and gradually work up to normal speeds. **DO NOT DRIVE WITH UNTESTED BRAKES!**

Always utilize safety restraints when operating the vehicle.

STEP 1:

1. Check to be sure that your kit has all the necessary parts needed to complete this project! (Use the supplied parts list as a check list.)

STEP 2:

Remove the following components from you car:

Tech tip: Prior to disassembly spray the nuts and bolts that will be removed with a penetrant.

1. If you are performing the installation with a jack, be sure that the parking brake is set and that the rear wheels are chocked. Support the front of the vehicle with jack stands. Never work on sloping ground.
2. If you are using a lift, raise the vehicle to a comfortable working height.
3. Remove the front tires.
4. At this point, be sure to place the proper support under the lower control arm. Failure to do so will allow the coil spring to blow out when spindle is removed, which could result in vehicle damage and possible serious injury or even death.
5. Next, disconnect the drum brake hoses from the hard line using the appropriate flare wrenches.
6. Now remove the dust cap, cotter pin, spindle nut, spindle washer, bearings and drum from the drum brake spindle.
7. Remove the steering arm from the original drum brake assembly. You will be removing the steering arm from the spindle, but it will remain attached to the lower control arm. (Lower ball joint is on the steering arm.)
8. Now disconnect the upper ball joint from the spindle and remove the spindle.
9. Clean and inspect ball joints and tie rod ends for excessive wear or damage, replace at this time if necessary, in preparation for assembly.
10. At this point, change the upper control arms with the new control arms supplied in this kit. Also change the steering arms with the new ones supplied. **(Please refer to the appropriate manual for instructions on changing these control arms.)**



STEP 3:

Things to prepare before assembly of the new disc brake kit:

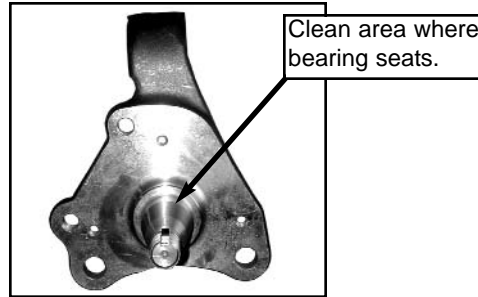
1. Grease the bearings. (Use a high quality disc brake bearing grease.)
2. Install the greased inner bearing and the rotor seal onto the rotor. **Note: The supplied rotors come with races, so you can disregard the races that are with the bearings.**
3. Clean the rotors using brake cleaner first, then with soap and water. Dry with a clean towel.



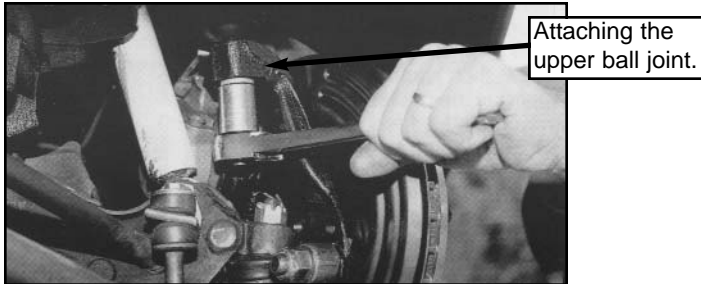
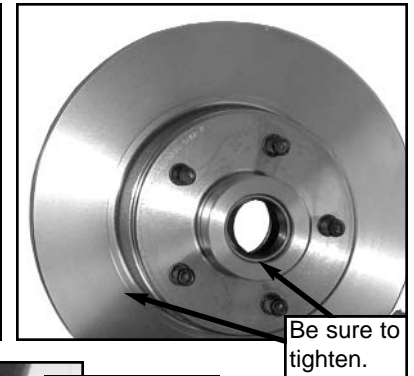
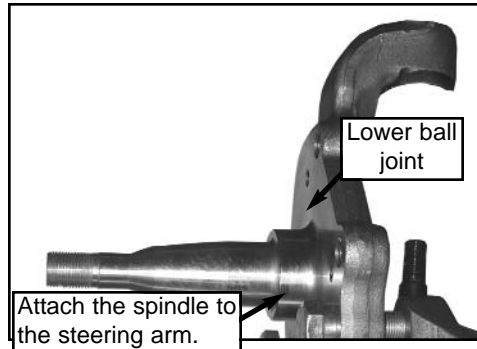
STEP 4:

Installation of disc brake components:

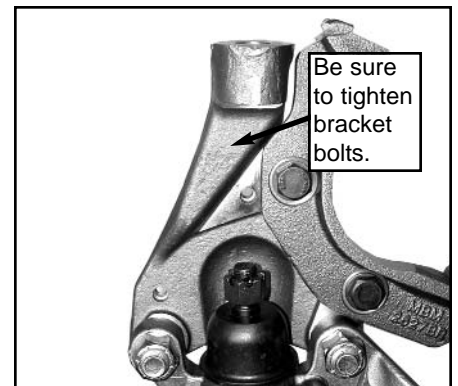
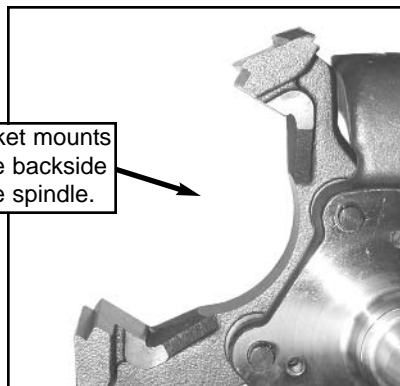
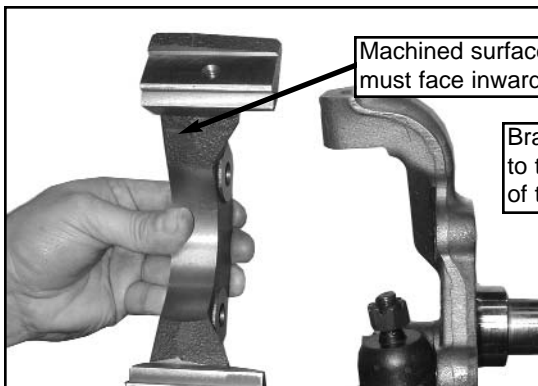
1. Start with a clean spindle.
2. Mount the new spindle to the steering arm. The steering arm should still be attached to the lower control arm. (These instructions are applicable for both front and rear steer cars. You may choose front or rear steer depending on what your vehicle requires. The pictures in these instructions may not be exact for your particular application.)



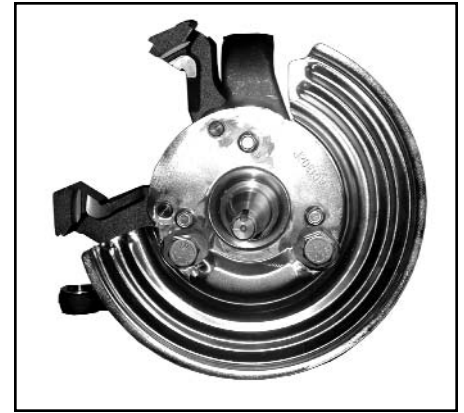
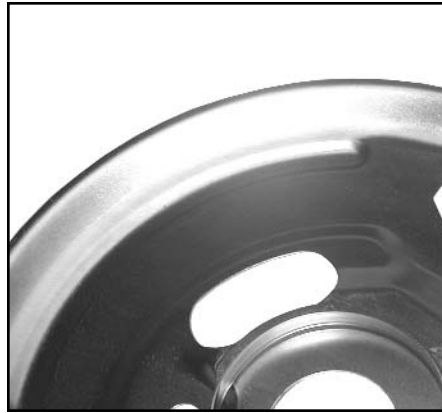
3. Raise the control arm support and attach the upper ball joint. Torque the nut to the correct specifications for your vehicle. (Be sure to insert the cotter pin.)



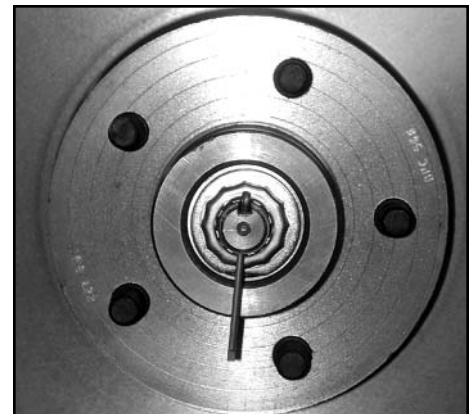
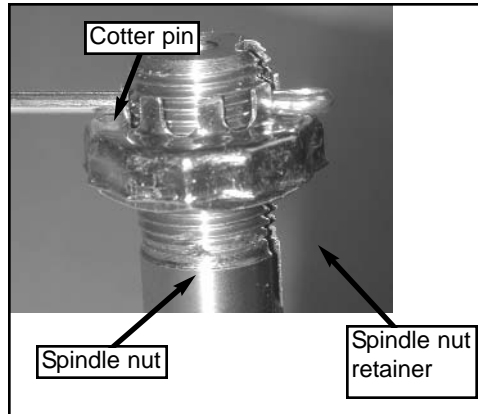
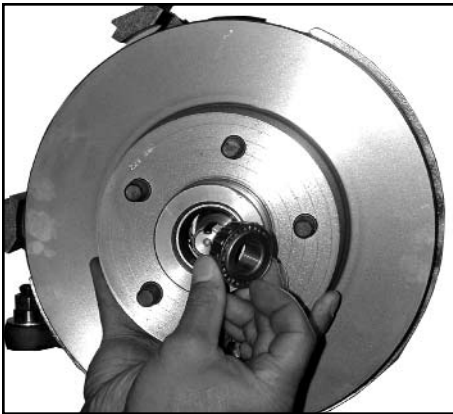
4. Attach the caliper bracket to the spindle with the 1 3/4" supplied bolts. (The spindles and caliper brackets in this kit are match sets and can be mounted on either side of the car as long as you keep the correct spindle with the correct bracket. Spindles and brackets are marked (R) for right and (L) for left.)



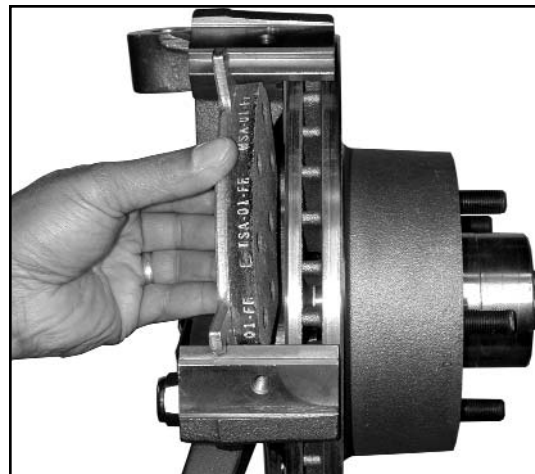
5. Now install the dust shield to the spindle.



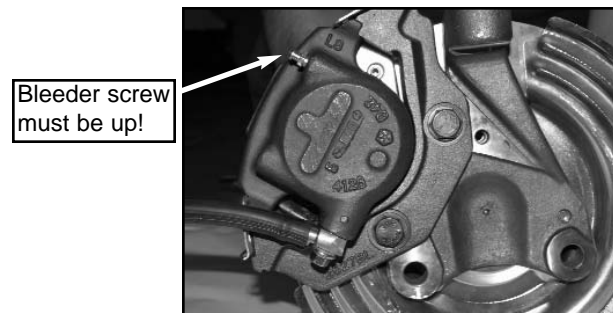
6. Now mount the rotor on to the spindle. **(Greased inner bearing and seal have already been installed.)** Then install the greased outer bearing followed by the spindle washer, spindle nut, spindle nut retainer, the cotter pin and last the dust cap. **(Torque the spindle nut to the proper specifications.)**



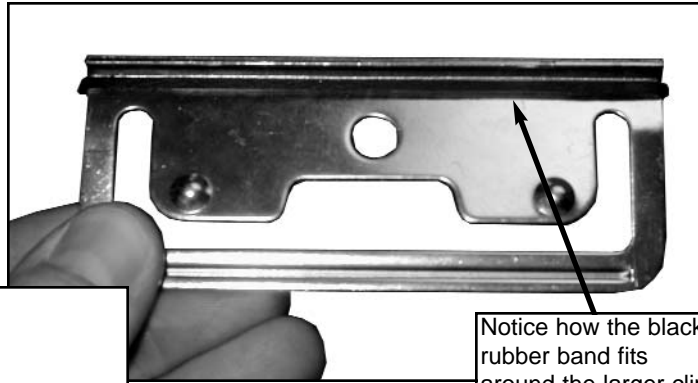
7. Remove the inner pad from the caliper and install correctly in the caliper bracket up against the rotor.



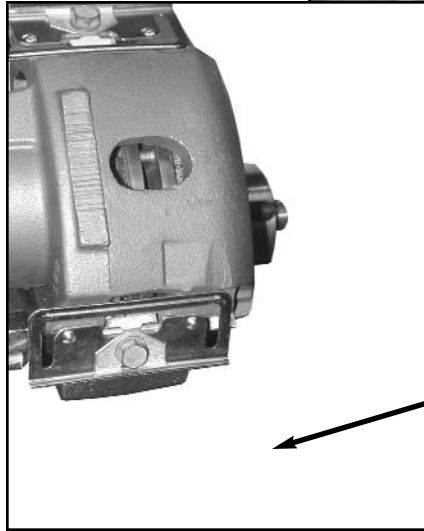
8. Now set the caliper onto the caliper bracket with the piston housing facing toward the inside of the car. **Also make sure that the bleeder screw is facing up!**



9. Place the black rubber band around the chrome retaining clips and install onto the caliper bracket as shown. **(The larger clip goes on first followed by the smaller clip.)**



Notice how the black rubber band fits around the larger clip.



Notice how the clips are installed. The smaller clip is on top of the larger.

10. Install the caliper hose as shown on page 5.

Note: Bleeder screw up

Hose at bottom of caliper

NOTE: Notch down (See below for detailed pic)



NOTE: Notch Down