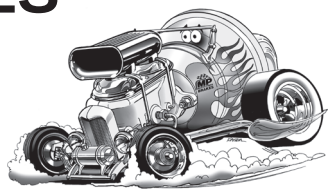
# MASTER POWER BRAKES

110 Crosslake Park Road, Mooresville, NC 28117
Website: www.mpbrakes.com
Technical Support: 888-533-1199



## WARNING

Proper operation of your brakes is essential for your safety and the safety of others. Any brake service should be performed **ONLY** by persons experienced in the installation and proper operation of brake systems. It is the responsibility of the person installing the component or kit for the particular application. Afer installation and before operating your vehicle, be sure to test the function of the brakes under controlled conditions.

***DO NOT DRIVE WITH UNTESTED BRAKES!***

**FOR TECHNICAL ASSISTANCE CALL:**

**888-533-1199**

**MONDAY - FRIDAY**
**8:00 A.M. TO 5:00 P.M. E.S.T.**

## *CHECK ORDER IMMEDIATELY*
## WARRANTY INFORMATION

Take time to read all the literature that came with this kit. Check the provided list of parts against what you received to ensure all parts are present. While this kit was designed to make the process of changing brake parts as simple as possible, **with some kits it may be necessary to make minor changes to your car.**

***Read all warranty disclaimers and return policies included in this kit prior to installation.***

You have:
**5 days** to declare shipping damages
**30 days** to declare missing or incorrect parts
**90 days** for exchanges or returns (RA req'd)
**1 year** before product warranty expires.

WARRANTY: Void if silicone fluid is used in system

*No exceptions allowed.*

*Thank you for your business!*




# DB1302 Series

## 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:

Be sure to 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.)**

Your new disc brake kit comes pre assembled with the lower ball joints and steering arms attached. The wheel bearings are greased and all fasteners are properly torqued to the correct specifications. Installation of the kit requires the removal of the old drum brake spindle and replacement with the new disc brake spindle.

### STEP 2:

**Remove the drum brake components**

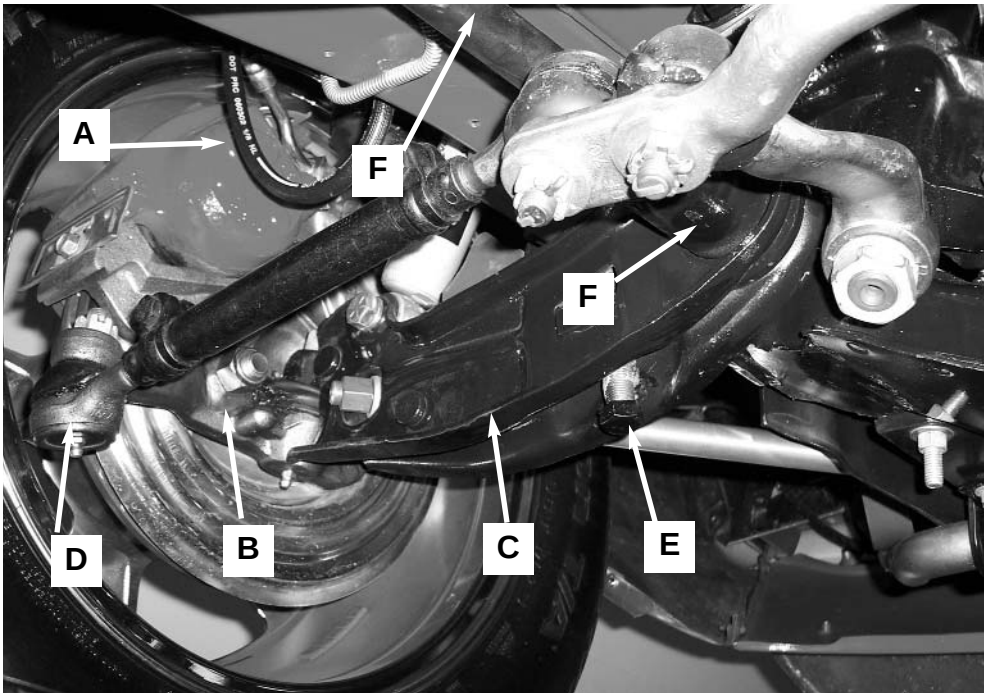
**Brake and suspension compnents**

A. Caliper
B. Lower ball joint with steering arm
C. Lower control arm
D. Outer tie rod end
E. Torsion bar adjuster
F. Torsion bar
G. Torsion bar socket

**from you car:**

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

1.Before beginning dis assembly be sure the parking brake is set and the rear wheels are chocked so the car can not roll.






Revised 07/16/08

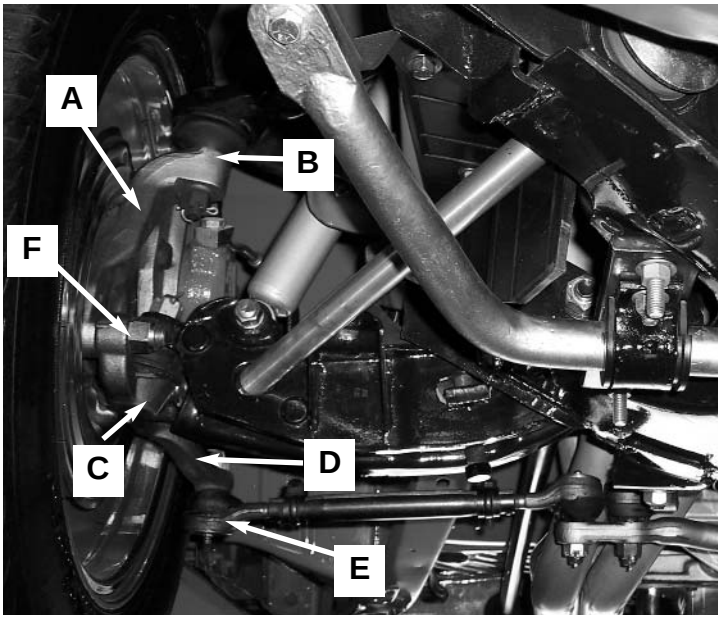
2. Raise the front of the car off the ground and support the full weight with jack stands under the frame so the front wheels are allowed to hang down with all the weight off them. Remove the wheels.

3. **Removal of the torsion bars**. The torsion bars run from the lower control arm to a center cross member. Torsion bars perform the same function as a coil spring. With no weight on the front wheels, loosen the torsion bar adjusting bolt to eliminate all the tension. Once the bar is loose you may remove it. On the rear of the torsion bar there is a socket that it fits into on the cross member. The bar is held in place with a retaining ring. Remove the ring and slide the bar rearward to remove it from the car.

4. **Removal the old drum brake spindle**.

**Brake and suspension compnents**

A. Spindle
B. Upper ball joint
C.Lower ball joint
D. Steering arm
E. Outer tie rod end.
F. Steering arm bolts




Disconnect the drum brake hose at the frame. Remove the outer tie rod end at the steering arm. Remove the lower ball joint from the lower control arm. Now you can compete the removal of the spindle by disconnecting the spindle from the upper ball joint at the upper control arm. At this point the spindle is loose and can be removed from the car.

5. **Installation of the disc brake spindle**. The disc brake spindle gets installed in the same location as the drum spindle. The dimensions and geometry of the disc spindle are exactly the same as the drum spindle.

Attach the disc spindle by the upper ball joint and then the lower ball joint. Attach the outer tie rod end to the steering arm. Re install the torsion bars in the reverse of the removal and tighten the torsion bar adjusters.

After installation of the disc spindle you will need to obtain a wheel alignment. Since all geometry is identical the car will be driveable. It needs to be taken to an alignment shop at this point for a correct alignment.