



## 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 any brake component or kit to determine the suitability of the component or kit for the particular application. After 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 AM TO 5:00 PM EST**

## IMPORTANT

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. **NOTE: 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!**

**MASTER POWER BRAKES**

**110 CROSSLAKE PARK RD. MOORESVILLE, N.C. 28117**

**[www.mpbrakes.com](http://www.mpbrakes.com)**

# DB1512M

## 1965-1972 Full-Size Ford

### Parts List



**Parts included in the box:**

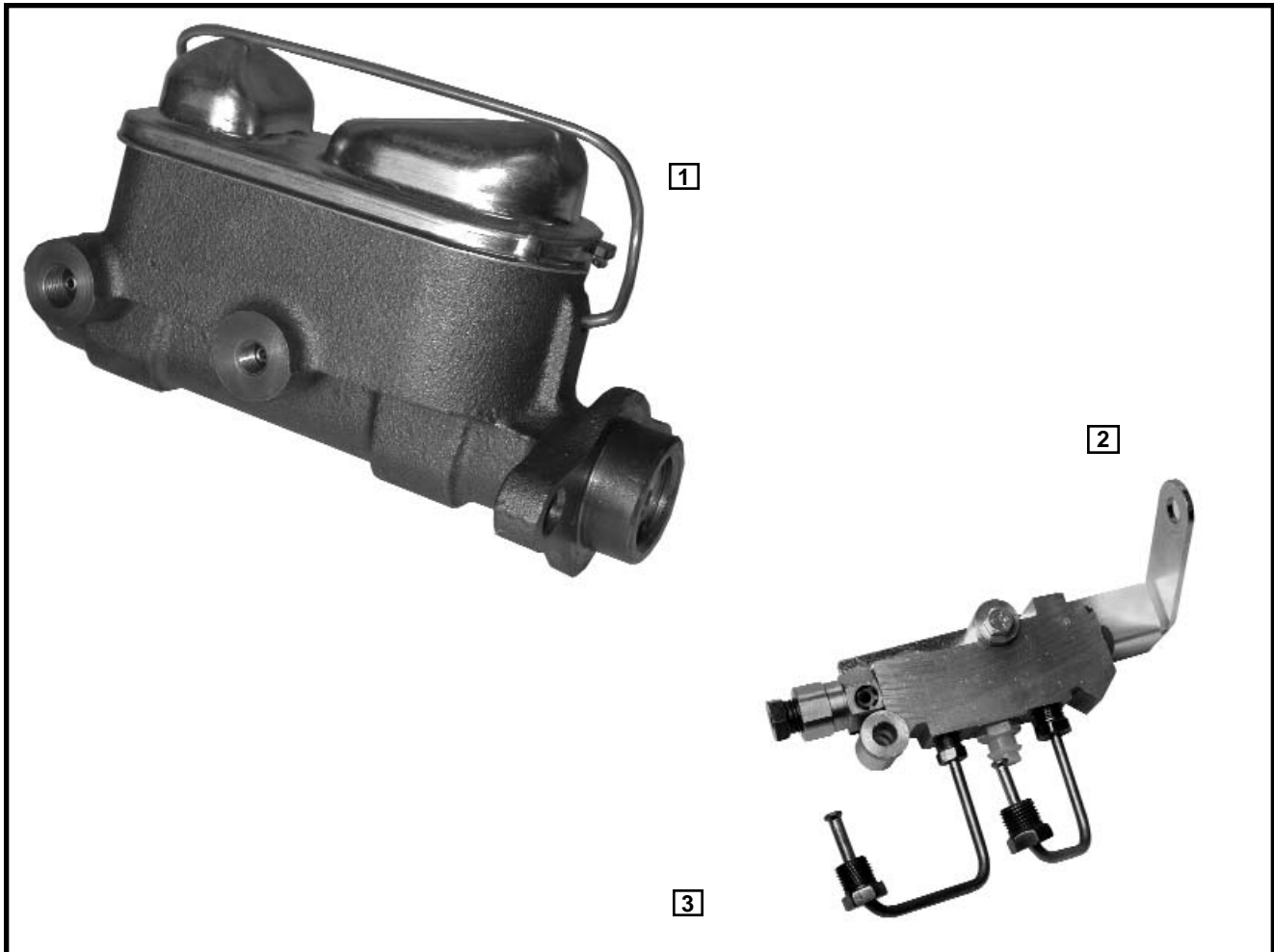
1. (2) Assembled disc brake units.
2. (1) Set of instructions.

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# MC11378M, LN11378 and VL3360K

## Master Cylinder, Line Kit and Valve Kit

### Parts List



#### Parts included in the box:

1. (1) Master cylinder
2. (1) Combination valve kit
3. (1) Line kit

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# DB1512M

## 1965-1972 Full-Size Ford 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. Detach the steering arm from the tie rod.
7. Now disconnect the ball joints from the spindle and remove the drum brake assembly as a unit.
8. Clean and inspect ball joints and tie rod ends for excessive wear or damage, replace at this time if necessary, in preparation for assembly.

### STEP 3:

**Installation of new disc brake components:**

1. Now install the new disc brake assembly in the reverse order that the drum brake set up came off. Set the disc brake spindle onto the lower ball joint and torque the nut to the correct specifications for your vehicle. Insert the cotter pin and bend it.
2. Now connect the upper ball joint into the spindle and tighten the nut followed by the cotter pin.
3. After installing the disc assembly, check to be sure that all nuts and bolts are tight (according to suggested specifications). Also check that all cotter pins are in place!

### Step 3: (Cont.)

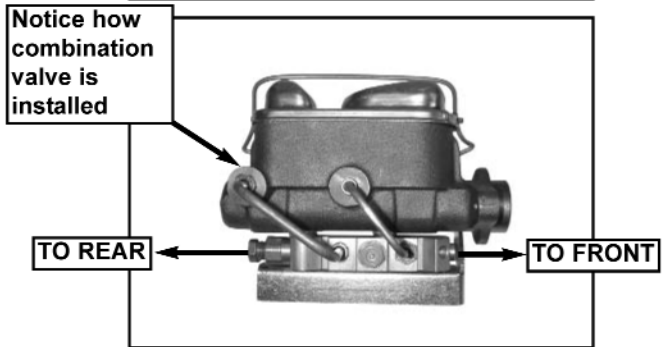
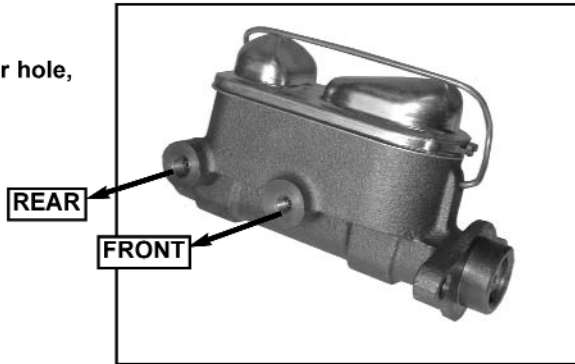
4. Now connect the caliper hoses to the existing system at the frame, in the same location that the drum hoses came off.
5. Bleed the brakes and test for a full pedal. **(You will need to have the front end aligned after installation!)**



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**MANUAL MASTER INSTALLATION:**

1. Disconnect the master cylinder push rod from the brake pedal.
2. Remove the old master cylinder.
3. Using the two holes which line up with the larger hole, install the new master.
4. Attach the master cylinder push rod to the pedal with the supplied clevis attachment.
5. Place the proportioning valve bracket onto one of the nuts that holds the master and tighten.
6. Mount the valve to the bracket.
7. Run the two supplied pre-bent lines from the master to the valve.
8. Run hard line from the valve to the front and rear part of the braking system as per the valve diagram.



**NOTE:** When running lines to the front, you can plug one of the outlets on the valve (to front) and splice the one brake line to front calipers. You do not need to run two separate lines to the combination valve.

