



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



DB1501B

1937-1948 FORD DISC CONVERSION 4 3/4" GM BOLT CIRCLE

INSTALLATION INSTRUCTIONS



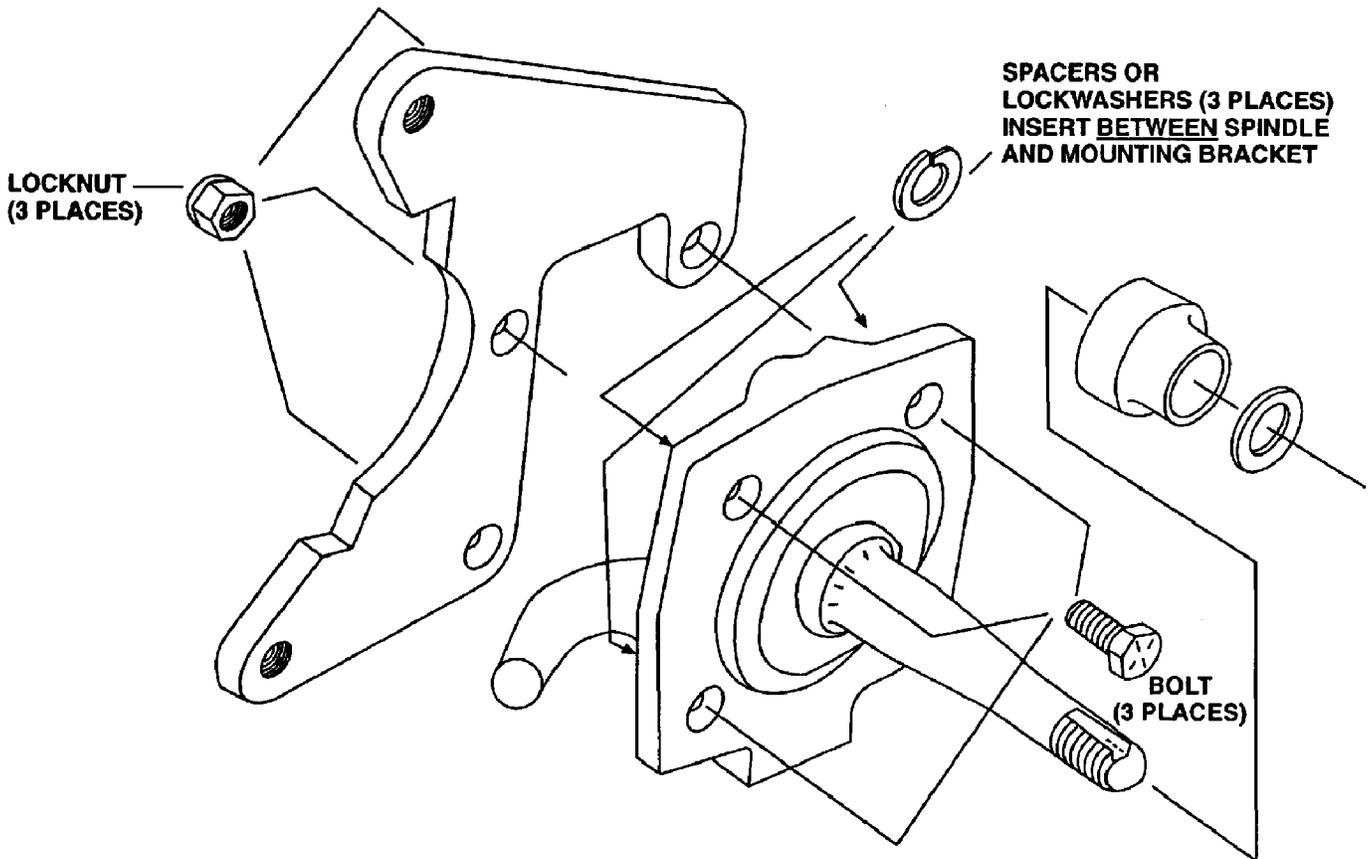
INSTALLATION:

1. Remove early Ford drums, brakes and backing plates from spindles. Make sure you retain the bearing nut and keyed washer.
2. Thoroughly clean grease and dirt from spindle. Check for cracks and damage.
3. Using the hardware supplied in the kit install the caliper mounting bracket on the REAR surface of the spindle using the lockwashers between the spindle and mounting bracket. **DO NOT** omit lockwashers as they are essential to the proper alignment of the bracket. If round spindles are being used check for adequate clearance between the spindle and bracket. FILE BRACKET if necessary. The bracket may be installed so caliper is forward or rearward of spindle centerline. **REARWARD INSTALLATION IS HIGHLY RECOMMENDED.**
4. Examine the inner wheel bearing seating area on the spindle for nicks, ect. Emery cloth area as required for a smooth surface.
5. Slide bearing adapter on spindle and drive into place using a hammer and a piece of tubing or pipe of suitable dimensions (1 1/2" pipe works great). **DO NOT DAMAGE THE ADAPTER WHILE INSTALLING** (use a rag for padding between tool and adapter). Drive adapter on until it seats firmly against spindle inner bearing shoulder.

NOTE: Bearings and adapter are machined to a +.0005" tolerance. If bearing does not slide onto adapter easily it may be due to tolerance "stack up." This can be rectified by a small amount of fine emery "paper-work" on the bearing seating surface of the adapter. Check inner bearing for fit.

6. Fit inner wheel bearing for trial fit.
7. Grease inner and outer bearing with high temperature wheel bearing grease, install rear bearing and grease seal.
8. Install rotor on spindle followed by the outer wheel bearing then stock Ford washer and retaining nut. Adjust bearings as required and install cotter key and bearing dust cap.
9. Install caliper on mounting bracket with bleeder **FACING UP** using stock GM mounting bolts. Make sure that bolts aren't bent or damaged before installing.
10. Fill the brake system with **DOT 4** brake fluid, bleed and inspect for leaks.
11. Check for any brake caliper / rotor / wheel interference.

NOTE: Disc brakes require a combination valve.



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TECH-LINE #
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DB1501B
DISC BRAKE KIT, 37-48 FORD, GM BC 4-1/2"
PARTS LIST



PARTS LIST

- A) (2) RT141040 ROTOR, SINGLE PISTON CALIPER
70-77 CAMARO/ FIREBIRD, 73 CUTLASS
CHEVELLE, GTO
- B) (2) CA403940 CALIPERS, GM, LARGE, SING. PISTON
- C) (2) HWA2 BEARING, OUTER
- D) (2) HW8871 SEAL, ROTOR
- E) (2) HWA6 BEARING, INNER
- F) (1) BR1501K BRACKET KIT, CALIPER, GM 37-48 FORD (BREC1701)
- G) (1) HS88520K HOSE KIT, FRONT, 69-77, 16 GM, SINGLE PISTON CALIPER SET
(2) HS88520 HOSE, F, 69-71 CAMARO
(2) HW21082 BOLT, HOSE, 7/16 X 20 SHORT
(4) HW4390 COPPER SEALING WASHER USED W/ 4039 & 4040
- H) (2) HW4002 CAP, DUST, 53.2MM/2 3/32 RT141040 *******(NOT SHOWN)*******

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