



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

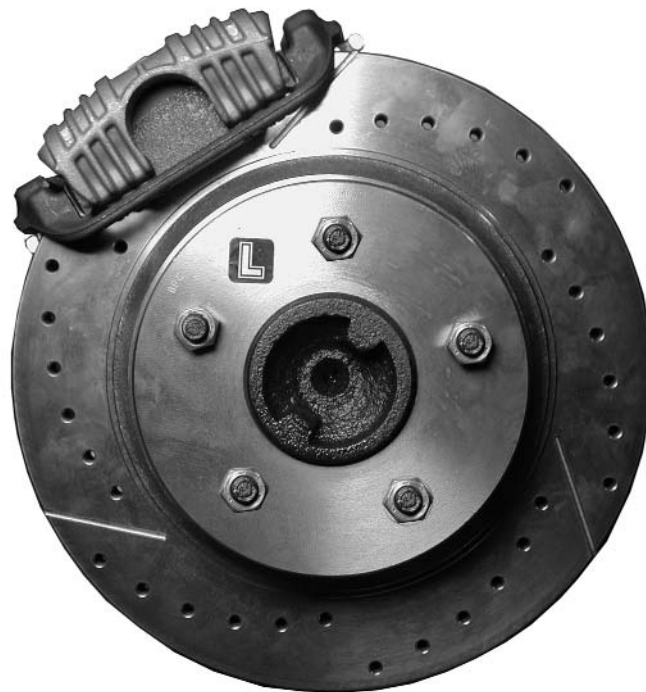
www.mpbrakes.com



DB1745B DISC KIT

FOR 10/ 12 BOLT GM REAR

INSTALLATION INSTRUCTIONS



MASTER POWER BRAKES

110 CROSSLAKE PARK RD MOORESVILLE N.C. 28117

www.mpbrakes.com 704-664-8866



INSTALLATION INSTRUCTIONS

INCLUDED COMPONENTS

YOUR DISC BRAKE KIT SHOULD CONTAIN THE FOLLOWING COMPONENTS:

1. Cross drilled and slotted rotors
2. Single piston aluminum Corvette calipers with pads, hardware and mounting cradle
3. Caliper mounting brackets and mounting bolts
4. Stainless steel braided hoses with hose bolts, washers, and hose clips



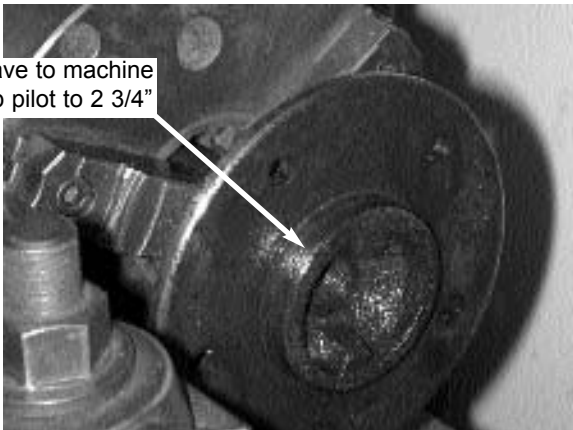
INSTALLATION:

Note: This kit is designed to be used on GM 10 / 12 bolt rears (except Camaro use two right calipers). Use of this kit may require axle flange machining. Check the fit before painting or plating any parts. Painted, plated, or modified parts are not accepted for return. **THE REAR AXLE MUST BE REMOVED TO INSTALL THIS KIT!**

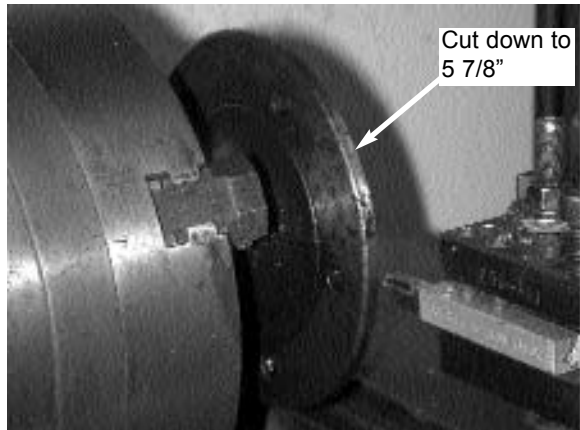
STEP 1: Remove the stock GM drums, brakes and backing plates from the the housing. You will have to pull the axles. Clean the housing end flanges thoroughly.

STEP 2: Now, if required, do any necessary machining to the axle flanges. In order to use the Corvette rotor, you will have to turn the axle flange down to 5 7/8" outside diameter. If they are already small diameter axles (5 5/8") you are set. Standard factory type axles are easily machined on the lathe. If you have aftermarket axles, consult the manufacturer to see if they have heat treated flanges before attempting to machine them. (Hub pilot needs to be 2 3/4" outside diameter.)

May have to machine the hub pilot to 2 3/4"



Cut down to 5 7/8"



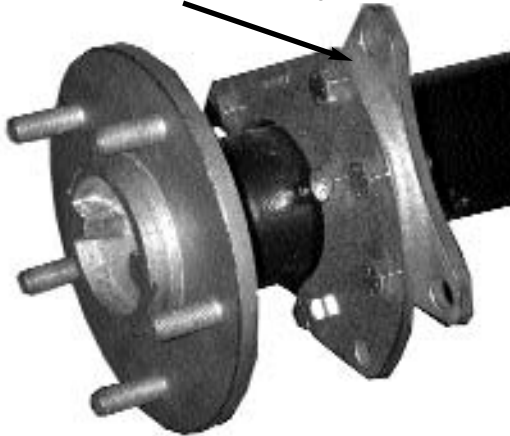
STEP 3: Before you reinstall the axle, make sure rotor fits properly to the axle flange. If all is well install the axle.

Make sure the axle flange and housing are clean.

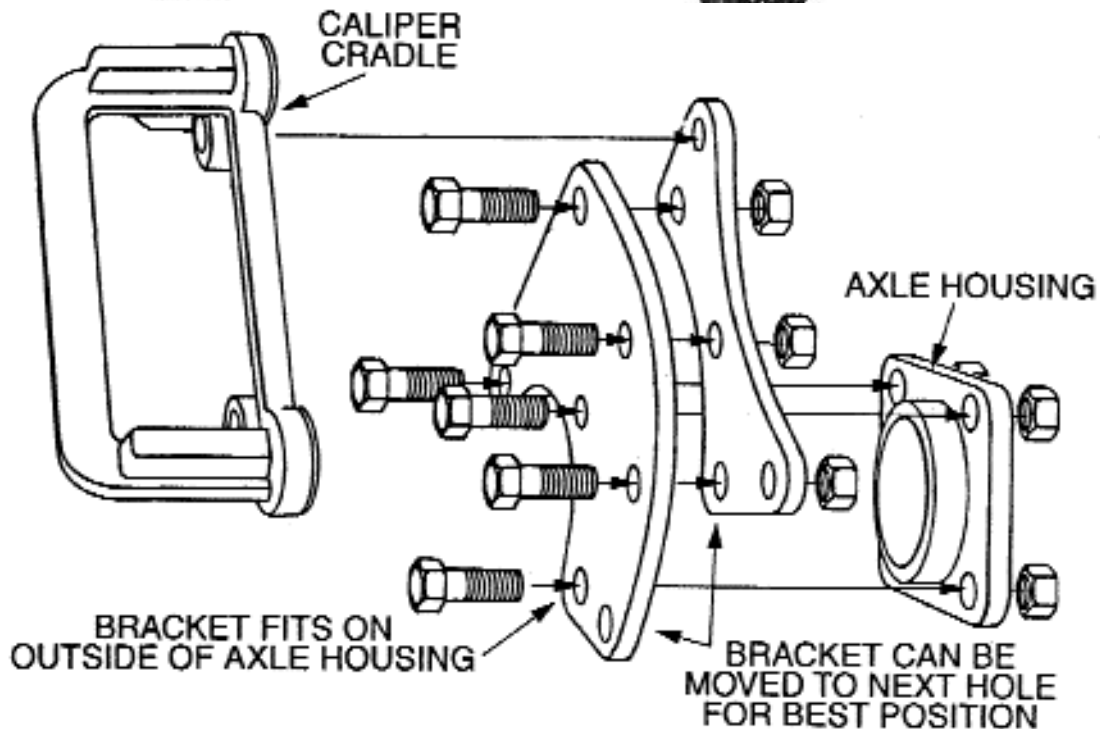
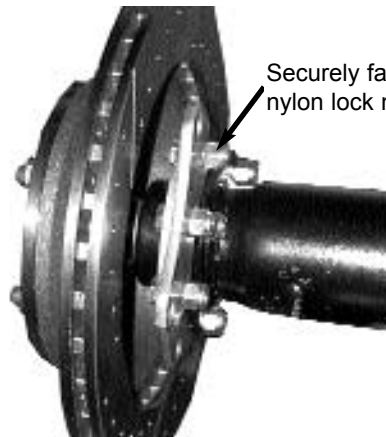


STEP 4: Install caliper mounting brackets to the axle housing flange. Then install your new x-drilled and slotted rotors. (Notice diagram at bottom of the page) Slide the rotor over the axle studs and make sure they are all the way on the axle and over the hub pilot completely. An easy way to check to see if the rotor is all the way on, is to insert some paper strips between the back of the rotor and the axle flange while assembling. If you can pull the paper out easily then the rotor is not all the way on. Do not try to pull the rotor on with the lug nuts, you will warp it.

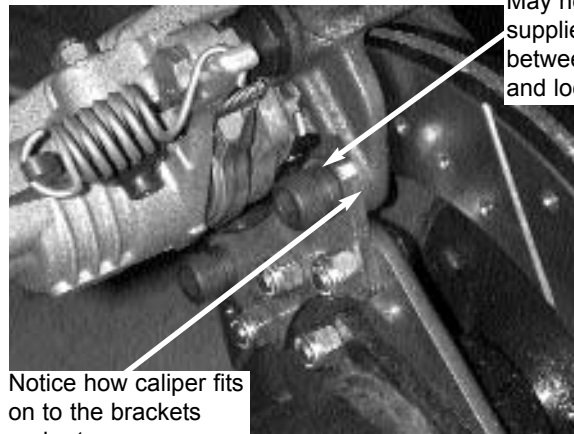
Notice how brackets are bolted together.



Securely fasten nylon lock nuts.



STEP 5: Now install your aluminum single piston Corvette calipers, using the supplied bolts and lock washers. Once you have secured the calipers, rotate the rotor and check for any interference. Make sure calipers are evenly spaced. (Remember the calipers float back and forth) The rotor should run true.

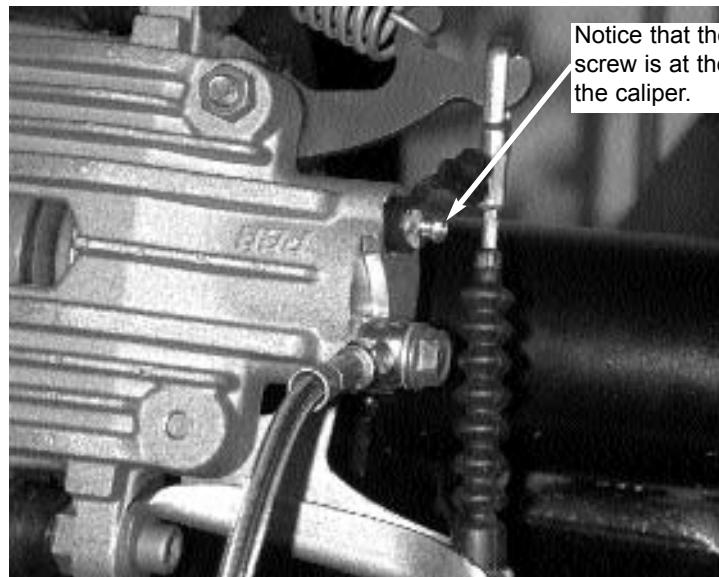


May need to use supplied washers between bracket and lock washer

Notice how caliper fits on to the brackets and rotor.

STEP 6: Now mount the wheels and check for clearance. If all is well, disassemble the parts and paint or plate as needed. Do not powder coat the calipers. (REMEMBER PAINTED, PLATED, OR POLISHED COMPONENTS WILL NOT BE ACCEPTED FOR RETURN OR CREDIT.)

STEP 7: Attach the stainless steel braided hoses to the caliper. Do not use hard line ... the caliper floats. The hose bolt is a stock GM 10MM. Do not forget the copper crush washers on both sides of the banjo fitting. After hooking up the parking brake, actuate the parking brake lever manually to ensure the pads are close to the rotor. This will also pre-adjust the caliper if needed. Fill the system and bleed. Use DOT3 or DOT4 fluid. Warranty is void if silicone fluid is used.



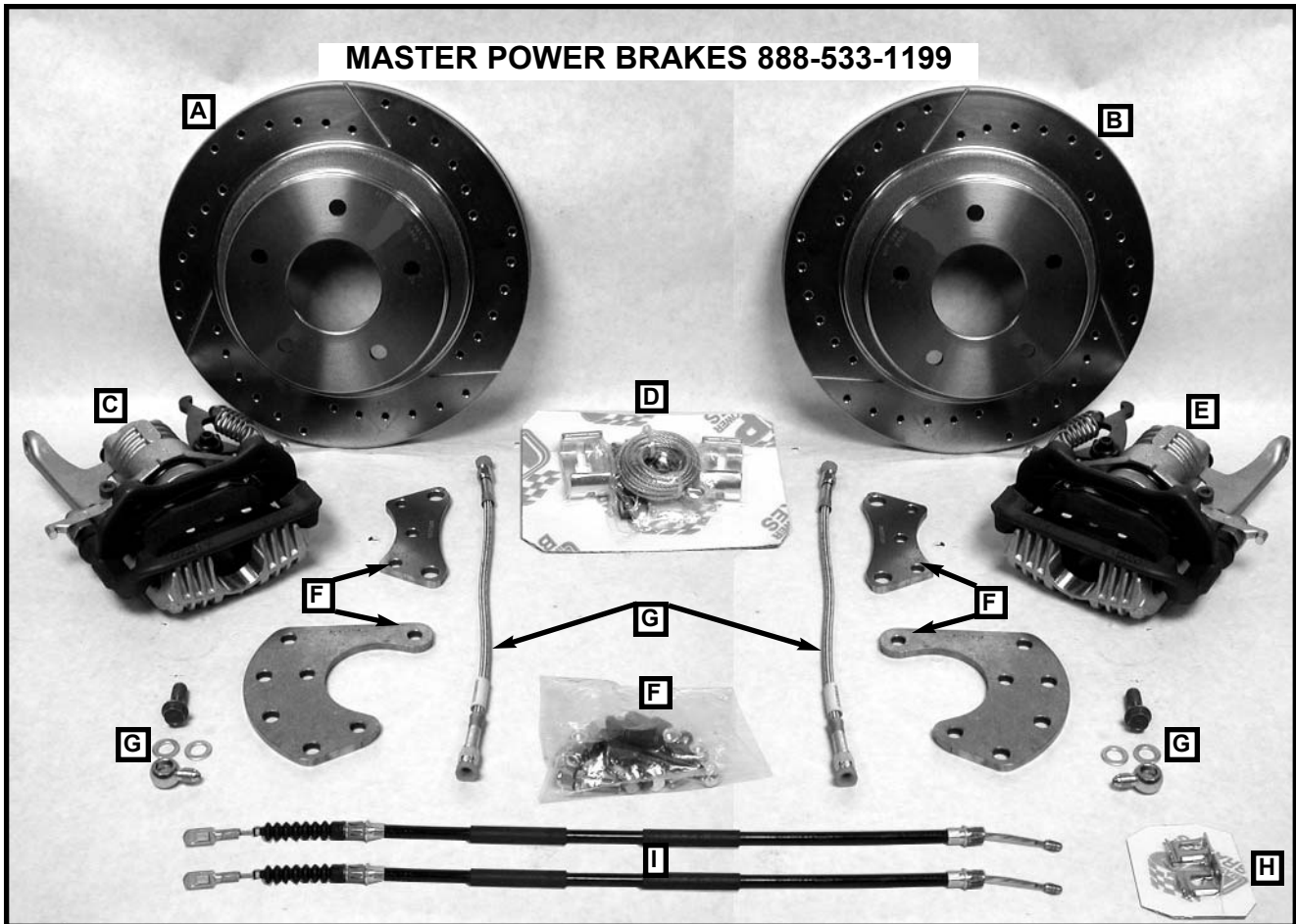
Notice that the bleeder screw is at the top of the caliper.

(ATTACHMENT OF THE PARKING BRAKE CABLES ARE THE RESPONSIBILITY OF THE CUSTOMERS.)
IMPORTANT: You must use the parking brake mechanism on a regular basis to set the self-adjusting calipers. Failure to use the rear parking brake will result in rear brake loss.

DB1745B

DISC KIT, REAR 10/ 12 BOLT GM

PARTS LIST



PARTS LIST

- A) (1) RT85786LHP ROTOR, DRILLED SLOTTED 84-87 CORVETTE LEFT
- B) (1) RT85786RHP ROTOR, DRILLED SLOTTED 84-87 CORVETTE RIGHT
- C) (1) CA811064 CALIPER, SINGLE, REAR ALUMINUM 84-87 CORVETTE
- D) (1) AC2005 E-BRAKE REPAIR KIT
 - (1) HW21119 CABLE KIT, E-BRAKE
 - (2) HW21126 CLAMP KIT, E-BRAKE
- E) (1) CA811065 CALIPER, SINGLE, REAR ALUMINUM 84-87 CORVETTE
- F) (1) BR1745K BRACKET KIT, REAR DUAL PISTON, USES 84-87 CORVETTE CALIPER 10/12 BOLT GM REAR
 - (2) BR1745A BRACKET, PRIMARY REAR GM DUAL CALIPER CORVETTE
 - (2) BR1745B BRACKET, CALIPER CORVETTE DUAL PISTON REAR
- (1) HW1745HK HARDWARE KIT
 - (12) 37F100HCS8Y BOLT, 3/8-24 X 1 HCS YELLOW ZINC
 - (12) 37FNNEZ NUT, 3/8-24 NYLOCK
 - (4) HWM-12 METRIC WASHER
 - (4) HWM-12 X 25 ALLEN BOLT, METRIC
 - (4) 50NLHC LOCK WASHER
- G) (1) HS1732K HOSES, S/S METRIC 16" KIT
 - (1) HS1732 HOSES, S/S METRIC A PAIR
 - (2) HW5155 10MM METRIC BOLT
 - (4) HW21206 METRIC WASHER
 - (2) HW776-03P 10MM BANJO
- H) (1) BR3737K BRACKETS, HOSE CLIPS 1 PAIR
 - (2) BR3737 BRACKET, HOSE
 - (2) HW8708 BRAKE HOSE CLIP
- I) (2) HW10284281 CABLE, EMERGENCY BRAKE, 84-87 CORVETTE CALIPER