

# INSTALLATION - SERVICE INSTRUCTIONS

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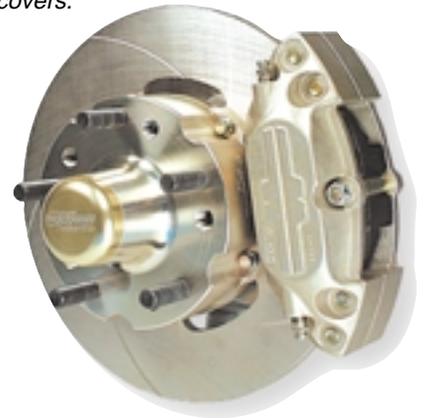
## Front Brake Kits

August '99

PART NUMBERS:	DESCRIPTION
75300.....	'74-'78 Mustang II/'74-80 Pinto two piston front disc brake kit.
75350.....	'74-'78 Mustang II/'74-80 Pinto four piston front disc brake kit.

### PARTS INCLUDED:

2 - 75001.....	Front hub/brake hat w/bearings, races and dust covers.
2 - 75004.....	Front brake rotor.
2 - 83100.....	Brake caliper ( 75100 kit).
2 - 81100.....	Brake caliper (75150 kit).
4 - 83120.....	Brake pad (75100 kit).
4 - 81130.....	Brake pad (75150 kit).
1 - 75011.....	Right hand caliper bracket (75300 kit).
1 - 75012.....	Left hand caliper bracket (75300 kit).
1 - 75015.....	Right hand caliper bracket (75350 kit).
1 - 75016.....	Left hand caliper bracket (75350 kit).
2 - 19221.....	Oil seal
1 - 51250.....	1/ 2-20 x 2" long wheel studs
	All necessary mounting hardware



### PRIMARY APPLICATIONS:

*Drag racing or limited use Pro Street applications.*

### INSTALLATION OVERVIEW:

- 1) Remove stock brake and backing plate assembly from spindles. No spindle modifications are required.
- 2) Install caliper mounting brackets with supplied 3/8-16 nylock button head socket cap screws. Torque to 40 ft/lbs
- 3) Bolt 75004 brake rotors to hubs with supplied 5/16-18 12 point bolts (Loc-Tite recommended) and torque to 25 ft/lbs.
- 4) Pack bearings with grease and install seal in hub.
- 5) Install 1/2-20 wheel studs in the desired bolt pattern (4 1/2" or 4 3/4") in the hub, must have washers under heads of stud to avoid damage to threads in hub.
- 6) Slide hub onto spindle shaft. Install spindle nut and tighten (there should be a slight amount of drag on the hub when rotated) and install cotter pin. Screw on dust cover and tighten.
- 7) Slide caliper over rotor and bolt to bracket with supplied AN bolts and hard washers and torque to 35 ft/lbs. Check caliper alignment. Parting line of caliper halves should be directly over center of rotor (see diagram A).
- 8) Install brake pads.
- 9) Attach brake lines to calipers (fittings required are not included with kit) and bleed system starting with bleeder furthest from master cylinder. Steel braided brake lines are recommended.

### TORQUE SPECS:

- Rotor attachment bolts (5/16-18 12 point bolts) 25 ft/lbs.
- Caliper bracket bolts to spindle (3/8-16 nylock button head socket cap screws) 40 ft/lbs.
- Caliper mounting bolts (3/8-24 AN bolts) 35 ft/lbs.

### MAINTENANCE REQUIREMENTS:

Periodic check of rotor for excessive heat or run-out. Check torque on caliper mounting bolts. Periodic check of brake pads. Pads should be changed once the friction material is down to approx. .200. As the pads wear more of the pistons are out of the bores in the calipers which can possibly lead to the pistons binding or not retracting. When pads are changed the entire caliper should be thoroughly cleaned, especially the pistons before they pushed back into the bores.

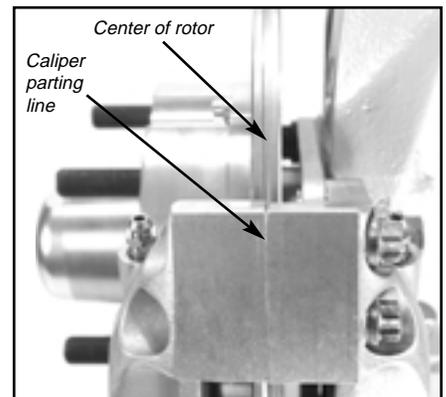


Diagram A