

# INSTALLATION - SERVICE INSTRUCTIONS

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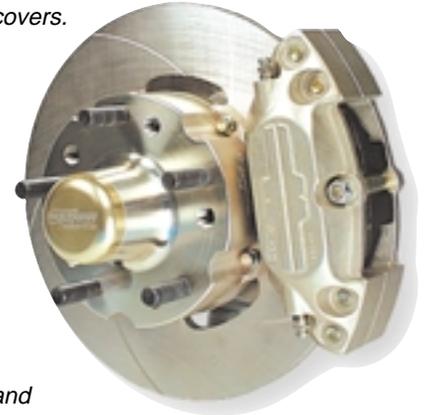
## Front Brake Kits

August '99

PART NUMBERS:	DESCRIPTION
75550.....	'67-'72 Mopar "A" body four piston front disc brake kit.

PARTS INCLUDED:

2 - 75501.....	Front hub/brake hat w/bearings, races and dust covers.
2 - 75004.....	Front brake rotor.
2 - 81100.....	Brake caliper.
4 - 81130.....	Brake pad.
1 - 75513.....	Right hand caliper bracket.
1 - 75514.....	Left hand caliper bracket.
2 - 17187.....	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.
  - 2) Install caliper mounting brackets with supplied 1/2-13 and 7/16-20 bolts, lock nuts and washers. Torque 1/2" bolts to 60 ft/lbs and 7/16" bolts to 50 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 caliper (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 (1/2-13 and 7/16-20 bolts) 60 ft/lbs and 50 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.*

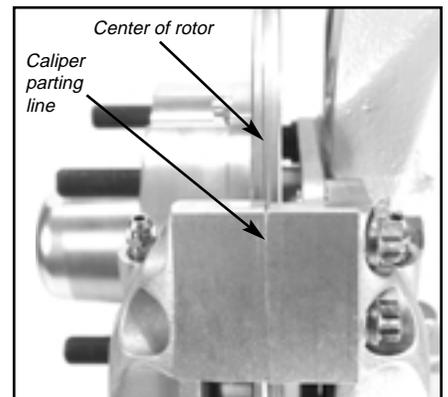


Diagram A