TECH TIP: Bricklin Brake Systems

By: Terry Tanner

Bricklin cars are now at the age (20 years) that the brake system can be a problem. In order to assist Bricklin owners servicing their cars, we will list all parts required to service a brake system that can be purchased from a N.A.P.A. parts store, a nation wide source of parts.

Bricklin's were equipped with two types of brakes. All '74s and early '75s had Kelsey Hayes brake systems. Late '75 and '76s had parts made by Bendix. To establish which you have, the front brake calipers are secured to the support with two bolts on Kelsey Hayes. Bendix calipers are secured to the support with a wedge and Allen bolt. Note: (1973 and 1974 AMC Hornet)

Front Pad Replacement

Removal:
Remove approximately 2/3 fluid from master cylinder. Note: Do not completely empty master cylinder or disconnect hydraulic lines, as air will enter system. Raise and support vehicle, then remove wheels and tires. Remove caliper, guide pins, positioners that attach caliper to support, and anti-rattle spring. Lift caliper assembly from rotor, then support to prevent damage to brake hose. Remove inner and outer disc pad assemblies.

Installation:
Push piston to bottom of bore. Install new pad assemblies into position, insert pins from inboard side. Press in and thread into adapter and tighten. Refill master cylinder and pump brakes until firm pedal is obtained. Bleed system if necessary.

Disc Pad Kelsey Hayes:
Rayloc S-781A
Disc Pad Bendix: Rayloc S-773
Caliper Rebuild Kit: Raybestos WK 1372
Rebuilt Caliper Assembly: Kelsey Hayes - 421001
Rebuilt Caliper Assembly: Bendix - 42-4021 Left; 42-4020 Right
Front Wheel Seals: N.A.P.A. - 46130

Rear brake shoes:
1974 and 1975 Bricklins are equipped with Bendix single anchor automatic adjuster brakes (1974 AMC Hornet)

Rear brake drum removal:
Raise unit, remove wheels, remove three screws that secure drum to axle hub (Note: Do not attempt to remove axle hub). Heat may be required to
release drum from hub.

Rear brake shoes - RS267
Rear wheel cylinders 7/8 diameter - Part #17508 Right; Part #17507 Left.
Rebuilt booster and master cylinder assembly - Rebuilders Inc. - 2509885
Rebuilt master cylinder - 57-2011