CHRYSLER CORP. DUAL CYLINDER FLOATING SHOE

M375 – Rear Only (1968-72)
RM400 – Rear Only (1973-74)

DESCRIPTION

Dual cylinder, floating shoe, rear brake assembly consists of a support plate, two brake shoes, return springs, two adjusting screws and two wheel cylinders. Shoes are anchored at either toe or heel, depending on direction of drum rotation, thus they are always forward acting. Double piston wheel cylinders are equally effective in both forward and reverse direction. M375 models through February, 1971, have a single hydraulic system and all wheel cylinders are interconnected. M375 models after February, 1971, have a split hydraulic system and each rear wheel cylinder is fed individually. RM400 models have a dual hydraulic system and rear wheel cylinders are interconnected.

ADJUSTMENT & SERVICING

BRAKE SHOE ADJUSTMENT

With brake drums cool and vehicle raised so that wheels do not contact floor, fill master cylinder to ¼" below filler cap. Remove adjusting hole covers and, using suitable adjusting wrench, expand shoe until a slight drag is felt against drums. Operate brake foot pedal several times to center shoes in drum and readjust to again obtain slight drag. Back off adjusting screw four notches (eight for new shoes) and repeat adjustment for remaining adjuster of same wheel.

BLEEDING SYSTEM

See Hydraulic Brake Bleeding in this Section.

PARKING BRAKE ADJUSTMENT

See Chrysler Corp. Single Anchor Parking Brake Adjustment in this Section.

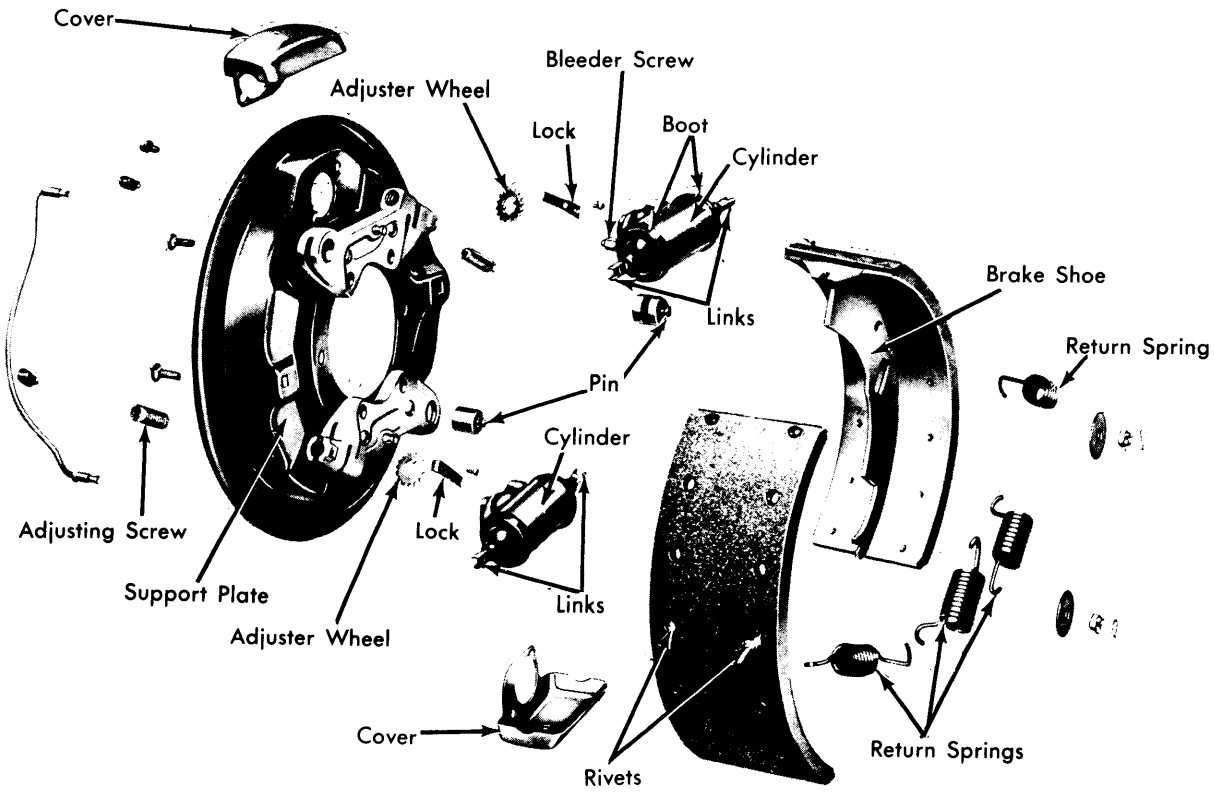
REMOVAL & INSTALLATION

BRAKE SHOES

Removal & Installation – Remove wheels and brake drums and install wheel cylinder clamps to retain pistons in cylinders. Remove brake shoe return springs, shoe hold down wires or cotter pins and nuts, and remove shoes from support plate. Disassemble adjuster assembly. To install, reverse removal procedure, making sure all contact points of support plate are properly lubricated, and there is .025" clearance between center shoe edge and rim of shoe.

WHEEL CYLINDERS

Removal & Installation – Remove wheel, brake drum, and brake shoes. Remove cylinder connecting links, and disconnect hydraulic brake lines from cylinders. *NOTE – Mark tubing ports to avoid error in assembly.* Remove brake cylinder retaining bolts and remove cylinders from support. To install, reverse removal procedure, making sure long end of wheel cylinder faces adjustment slot.



DUAL CYLINDER FLOATING SHOE BRAKE ASSEMBLY

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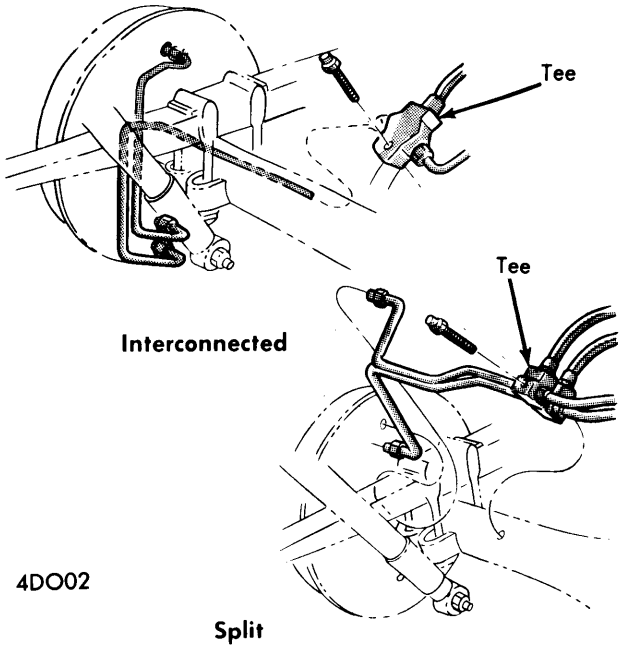
CHRYSLER CORP. DUAL CYLINDER FLOATING SHOE (Cont.)



BRAKE LINE ARRANGEMENT

OVERHAUL

WHEEL CYLINDER

Disassembly – With wheel cylinder removed from vehicle, remove rubber boots from ends of cylinder. Remove piston return spring, cylinder cups, and pistons from cylinder. Remove bleeder screw and inspect cylinder bore for damage.

Reassembly – If bore of cylinder is pitted or scratched, hone or replace as necessary. Soak all parts in suitable brake fluid or assembly lubricant and reverse disassembly procedure. Clamp brake cylinder pistons against ends of cylinder.

TIGHTENING SPECIFICATIONS

Application	Ft. Lbs.
Hydraulic Brake Hose	25
Wheel Cylinder Mounting Bolts	15

Application	Inch Lbs.
Hydraulic Brake Tubing	95
Bleeder Screw	95

BRAKE SYSTEM SPECIFICATIONS

Application	Drum Diam.	Wheel Cylinder Diameter		Master Cylinder Diameter
		Front	Rear	
M375	14 1/8"	.....	1 3/8"	①1 1/2"
RM400	15"	.....	1 3/8"	1 1/4"

① – Until February, 1971. After February, 1971, 1 3/4".

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