



CHRYSLER CORPORATION

CHRYSLER SALES DIVISION

SERVICE BULLETIN

March 12, 1936

No. 603-CH

TO ALL CHRYSLER DISTRIBUTORS AND DEALERS (EXCEPT TEXAS):

The power brake cylinder must receive proper maintenance attention, otherwise its performance will be affected. During the extremely cold weather which has prevailed in various sections of the country, moisture has been permitted to accumulate in the cylinders and in some cases caused the cylinders to become inoperative.

These units should be removed from the car, thoroughly flushed out AND RE-OILED AT LEAST EVERY SIX THOUSAND MILES. The seal at the clevis or outer end of the valve rod and the rubber boot should be carefully checked and replaced if necessary. In sections of the country where cold weather prevails these operations should be performed before the approach of cold weather. In dusty sections or if there happens to be a lot of slush and mud on the roads, it may be necessary to inspect them oftener than the recommended six thousand mile periods.

In performing these maintenance operations the rubber boot on the piston plunger should be checked for cracks or the boot being out of position and the leather boot which covers the operating lever where it contacts the valve rod should be removed, cleaned and if necessary a new boot installed.

Following is a detailed procedure of the method of performing the necessary maintenance operations:

1. Remove the power brake cylinder assembly from the car.
2. Remove the pipe plug from the head of the cylinder.
3. Submerge the cylinder in kerosene and work the plunger in and out in order that the kerosene will be flushed thoroughly around the inside of the cylinder. This will remove any dust or moisture which may have collected in the cylinder. Thoroughly clean and dry outside of cylinder.
4. Remove the screws which attach the aluminum head to the cylinder.
5. Slide the head back a trifle and re-seal around the head of the cylinder, using special sealing compound, part #666638. Make certain that this sealer extends over to the outer edge of the cylinder and also over the rubber gasket so that when the aluminum head is bolted back into place it will compress tightly against the sealer. In other words, the sealer should be under the head.
6. Check rubber boot very carefully and replace if necessary.
7. When originally assembled the end of the rubber boot sets down into the groove of the flanged washer which is mounted about half way down the piston rod, however, the end of the boot should be removed

(Over)



BRAKES

PROPER CARE
OF POWER BRAKE
CYLINDER
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ALL CHRYSLER
AIRFLOW MODEL:

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BRAKES

PROPER CARE
OF POWER BRAKE
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AIRFLOW MODELS

from the groove and pulled down over the shaft beyond this flanged washer, so that the flanged washer will be on the inside of the boot. The end of the boot should then be wired so it will be held tightly to the shaft. The wire used must be soft and drawn up snugly. If drawn up too tight it may cut the boot.

8. Insert about an ounce of fine oil as specified below, into the cylinder through the pipe plug opening, also add an ounce to the vacuum line connection at the rear of the cylinder. This will lubricate the cylinder at both sides of the piston.

As stated in the Maintenance Manual, Group #4, Page #7, the oil used should be a fine oil such as ice machine, shock absorber, or transformer oil.

9. Reinstall the pipe plug.
10. Reinstall the power cylinder assembly and make certain that it is in correct alignment per details outlined in Service Bulletin #570-CH.
11. Install leather boot around the front end of the piston rod and operating lever mechanism.

When installing this boot be sure that it is laced up to seal these parts from road splash.

NOTE: If dirt is permitted to accumulate inside of the boot it may interfere with the valve which controls the operation of the piston in the cylinder.

12. Check very carefully the adjustment of the master cylinder piston push rod, and all of the other adjustments outlined under the caption of Power Brake Unit, Group #4, Page #7.

MATERIAL REQUIRED	NET PRICE	CLASSIFICATION
4 oz. tube, Part #666638, Power Brake Cylinder Sealing Compound	\$.60	"A"

The contents of each tube is sufficient to seal about two cylinders.

The material is available through the regular channels of the Chrysler Corporation, Parts Division.

Please enter this bulletin in Chrysler Maintenance Manual, Group #4 - Brakes.



Service Manager