

SERVICE BULLETIN



SERVICE DEPARTMENT
DODGE
DIVISION OF CHRYSLER CORPORATION

TO ALL DODGE DIRECT DEALERS AND DEALERS:

Hydraulic brakes are one of the leading features on which the Dodge reputation for dependability is built. Development work over the past twenty years has resulted in a brake system that is safe, efficient, and dependable. To keep the brake system operating satisfactorily, it is necessary to use the brake fluid recommended by Chrysler laboratories. MOPAR Super Brake Fluid is the recommended fluid for all Dodge models.

Instances have been brought to our attention of the use of unapproved brake fluids in current models which resulted in brake failure. Investigation revealed that the unapproved fluids had either a glycerin base or a petroleum base. The use of glycerin base fluids results in the formation of a black, gum-like deposit throughout the system. To put the brake system back into proper working order, it is necessary to disassemble and thoroughly clean all wheel cylinders and the master cylinder. New rubber cups, brake lines, and brake hose have to be installed.

Petroleum base fluids, such as aircraft type hydraulic fluids, are unsatisfactory for use in the brake systems of Dodge cars and trucks. Petroleum base fluids cause fluid leakage and swelling, deterioration and weakening of the rubber components. Mixing petroleum base fluids with MOPAR Brake Fluid will result in a thickening or a separation of the fluid, either action leading to failure of the brake system.

It will appear obvious that the use of fluids other than MOPAR Super Brake Fluid is inadvisable since it may mean replacement and reconditioning of the entire brake system. Only approved MOPAR Super Brake Fluid should be used when refilling or replenishing the hydraulic brake system in Dodge vehicles. This information should be passed on to your customers. MOPAR Super Brake Fluid is available in adequate supply today, so there is no reason to use unapproved brake fluids.

B. B. SETTLE
Director of Service
DODGE DIVISION

Oct 1, 1946

No. D-172

MOPAR SUPER

BRAKE FLUID

ALL MODELS

13463
Prtd. in U.S.A.

SERVICE BULLETIN



SERVICE DEPARTMENT

DODGE

DIVISION OF CHRYSLER CORPORATION

TO ALL DODGE DIRECT DEALERS AND DEALERS:

Recently a new type improved brake booster was put into production on the WG and WH models and as extra equipment on the WF. The effective serial numbers follow:

	<u>Detroit</u>	<u>Los Angeles</u>
WF	81356779	86500633
WFM	83501830	9285006
WG WH	82504297	9297300
WGM WHM	8707801	88500001

This booster has a slack rubber diaphragm type vacuum chamber which requires NO LUBRICATION. This is in contrast with the piston type of booster previously used.

Previously published instructions for the care of the booster on these model trucks apply only to those trucks built before the above effective serial numbers. Under no condition should oil or liquid of any type be added to the vacuum chamber of the new brakes. In fact, the new "Hi-Power" booster requires no lubrication at all.

The addition of oil to the vacuum chamber will result in deterioration of the diaphragm and eventual failure of the booster section of the braking systems.

If oil has been added to the vacuum chamber, the diaphragm must be removed and the chamber cleaned. It is possible that the diaphragm will not have begun to deteriorate if the oil has been in the chamber only a short time. Under this condition it can be used again after it has been washed free of oil with plain soap and water. WARNING: do not use gasoline or other cleaning fluids on the rubber diaphragm.

If inspection of the diaphragm shows any sign of cracking, swelling, or other deterioration, it should be replaced with a new one - Part # 1191141.

The contents of this bulletin should be thoroughly understood by all members of your service department, as well as by the individual truck owners themselves.

B. B. SETTLE
Director of Service
DODGE DIVISION

Oct. 8, 1946

No. D-173

BRAKES

"HI-POWER"
BOOSTER

MAINTENANCE

OF

VACUUM

CHAMBER

TRUCKS

13510
Prtd. in U.S.A.
14765