



SERVICE BULLETIN



SERVICE DEPARTMENT... CHRYSLER-PLYMOUTH DIVISION
CHRYSLER MOTORS CORPORATION

TECHNICAL INFORMATION ON ☒ IMPERIAL ☒ CHRYSLER ☒ PLYMOUTH ☒ VALIANT

Adequate protection of new cars not scheduled for immediate delivery is an important step in avoiding possible future difficulty and owner dissatisfaction. When a new car is placed in temporary storage, the working parts of the engine are subject to corrosion and rust formation within a short time due to condensation. This may result in sticking valves, tappets, and rocker arms, and also excessive piston ring and valve guide wear. To protect against these conditions that may affect performance, engine life, and cause unnecessary service expense, it is recommended that the following storage preparation procedure be performed before placing new cars in storage:

NOTE: REGARDLESS OF WHETHER OR NOT A NEW CAR IS GOING TO BE PLACED IN STORAGE, IT SHOULD BE WASHED IMMEDIATELY UPON RECEIPT TO REMOVE ANY ROAD FILM OR FOREIGN MATERIAL THAT MAY HAVE COLLECTED ON THE FINISH EN ROUTE TO THE DEALERSHIP.

I. STORAGE NOT OVER THIRTY DAYS (When the car may be driven in moving from one location to another not in excess of two miles):

1. Add one quart of MoPar Crankcase Detergent and Rust Inhibitor, Part No. 1643271, (a special rust preventive oil) to each five gallons of gasoline in the fuel tank.
2. Operate the engine on this mixture for five minutes at approximately 1000 RPM.
3. Should the interior trim be exposed to sunlight during storage periods, it is recommended that the trim be protected by covering with 60 lb. high stretch creped paper, or similar paper. This would also apply to inside storage if the car interior is partially exposed to the sun. For maximum protection, heavy reflective or white paper should be taped over the car windows.

NOTE: No additional treatment is required when the car is placed in storage after moving from one location to another.

II. STORAGE OVER THIRTY DAYS (BUT NOT MORE THAN 60 DAYS)
When the engine will not be started during storage period:

1. Add one quart of MoPar Crankcase Detergent and Rust Inhibitor, Part No. 1643271, (a special rust preventive oil)

(Over)

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MISCELLANEOUS

PROTECTION
OF
NEW CARS
IN
STORAGE

1963
IMPERIAL,
CHRYSLER,
PLYMOUTH
AND
VALIANT
MODELS

P-4678-C

Service Mgr.	
Shop Foreman	
Technicians	
Parts Mgr.	
Partsmen	

to each five gallons of gasoline in the fuel tank, and also add 1/2 pint of special rust preventive oil to the crankcase oil: then, operate engine for five minutes, as outlined above.

2. Drain the fuel tank and operate the engine until the carburetor runs dry.

NOTE: The purpose of this operation is to aid in preventing the carburetor from being contaminated with gums that normally form in gasoline as a result of prolonged exposure to the oxygen in the air.

3. Remove the spark plugs and pour two ounces of special rust preventive oil into each cylinder through the spark plug openings. Rotate the engine crankshaft several revolutions with the starter to distribute the oil on the cylinder walls, and replace the spark plugs.
4. Remove the cylinder head covers; and, using a clean paint spray gun with dry air, coat the rocker arms and shaft, valve springs, push rods, and valve stems with MoPar Crankcase Detergent and Rust Inhibitor, Part No. 1643271.
5. Remove the battery, check and recharge if the specific gravity is 1.230 or less. Place in cool dry storage and recharge every 30 days to prevent sulphation and possible freezing. Be sure the electrolyte level covers the plates. The battery should be tagged to indicate the car from which the battery was removed.
6. Depress the clutch pedal, (if so equipped) and block it in the depressed position.
7. Should the interior trim be exposed to sunlight during storage periods, it is recommended that the trim be protected by covering with 60 lb. high stretch creped paper, or similar paper. This would also apply to inside storage if the car interior is partially exposed to the sun. For maximum protection, heavy reflective or white paper should be taped over the car windows.

III. STORAGE OVER SIXTY DAYS - Storage over sixty days is considered long term storage that requires additional preparation to insure proper protection. In the event it is necessary to store cars for an extended period in excess of 60 days, the following procedure is very important.

1. Protect the engine and fuel system as outlined in Items II (1 through 4) under preparation for storage over 30 days. In addition, check the transmission, rear axle and steering gear for recommended lubricant level. For maximum protection, the car should not be moved nor operated after storage preparations are completed.
2. Place the car on blocks to keep the tires off the floor or ground. Clean all oil or grease from the tires and keep them inflated to normal pressure. Make certain all the valve caps are on.
3. Check and fill the master cylinder to the proper level with MoPar Hi-Temp Brake Fluid. Operate the brake pedal several times every 20-30 days, during the storage period, to avoid sticking of the cylinder pistons and cups.

4. Depress the clutch pedal, (if so equipped) and block it in the depressed position.
5. Remove the battery, check and recharge if the specific gravity is 1.230 or less. Place in a cool dry storage and recharge every 30 days to prevent sulphation and possible freezing. Be sure the electrolyte level covers the plates. The battery should be tagged to indicate the car from which the battery was removed.
6. Should the interior trim be exposed to sunlight during storage periods, it is recommended that the trim be protected by covering with 60 lbs. high stretch creped paper, or similar paper. This would also apply to inside storage if the car interior is partially exposed to the sun. For maximum protection, heavy reflective or white paper should be taped over the car windows.
7. To protect the exterior bright metal parts during winter months, all Assembly Plants except Los Angeles, will apply a wax coating on exterior body items such as bumpers, mouldings, handles, medallions, etc., between the months of October and April, as a final production step prior to shipment. This protective coating will guard against the harmful effects of dirt, grime and road salt or other de-icing chemicals frequently encountered while cars are in transit, and will also afford protection against atmospheric impurities which often tend to dull bright metal finish when cars are stored outside.

The recommended method for removing the protective coating is to first wash the car in the usual manner to remove any accumulation of dust and dirt, but do not dry the car at this time. Then remove the wax coating by wiping all waxed surfaces with a fifty-fifty solution of kerosene and warm water containing one ounce of MoPar Car Wash Powder, Part No. 1450748 (4 oz.) Part No. 1643101 (25 lb.) per gallon. Avoid using an excessive amount of this solution in the area of the windshield mouldings which could drain into the heater plenum chamber and possibly result in an objectionable odor. The wash operation should then be completed with the regular solution of car wash powder in warm water to remove any oily residue.

Removal of the wax coating can be deferred until some time after the car is delivered if the owner requests that this added protection be allowed to remain on bright metal parts during severe winter operating conditions.

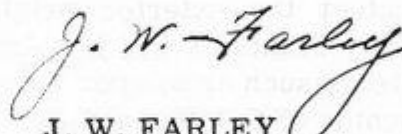
UNDER ALL STORAGE CONDITIONS, inspect the cooling system for leaks and be sure that sufficient anti-freeze solution is provided to give adequate protection for any anticipated temperatures that may occur in your area.

(Over)

NOTE: When a stored car is put in operation, it is not necessary to remove the rust preventive coating previously installed in the engine, as it is a lubricant and will easily mix with the engine oil.

MoPar Crankcase Detergent and Rust Inhibitor, Part No. 1643271, a special rust preventive oil, is highly recommended and may be obtained through your regular MoPar parts supply channels.

POLICY: INFORMATION ONLY.



J. W. FARLEY
Manager - Service
CHRYSLER-PLYMOUTH DIVISION

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