

# SERVICE BULLETIN



SERVICE DEPARTMENT  
**DODGE**  
DIVISION OF CHRYSLER CORPORATION

TO ALL DIRECT DEALERS AND DEALERS:

For sometime the Parts Division has been supplying sheet metal parts such as fender, radiator shells, hood panels, etc. "in the white" (bare metal) and coated with a rust-proofing compound to protect the part against rust.

"In the white" type of service on sheet metal parts has generally been quite satisfactory as it enables the dealer to use less expensive methods of packing, shipping, storing and handling. More accurate matching of colors is also possible when these parts are finished at point of usage.

The rust-proofing compound must be removed before painting, lacquering or enameling parts as the new finish will blister or peel if applied over the rust-proofing compound.

In order to assist you in training new employees and to provide a method for properly preparing sheet metal parts for finishing, we have set up the following brief procedure:

## PROCEDURE

1. Place part to be cleaned over a catch basin or where cleaning solution can be used on all surfaces. Better results with a saving in time and material will be secured if a shallow tank, large enough to hold the part, is provided, as cleaning solution which would otherwise drain away can be re-used.
2. Parts should not be assembled on the car and then cleaned as a thorough job of cleaning cannot be done when parts such as fenders, radiator shells, etc. are fastened in place.
3. Using Oleum or Mineral Spirits, thoroughly soak and soften compound on all surfaces using rags or brush. The compound can then be washed off with the Oleum or Mineral Spirits. Fine steel wool may be used to loosen heavy deposits. Corners and points where metal is folded or lapped must be given special attention as particles of compound remaining in crevices will cause new finish to blister and peel.

CAUTION: -Oleum or Mineral Spirits will burn and must not be allowed to come in contact with sparks or flame. Rags used should be promptly disposed of to eliminate fire hazard.

(Over)

Sept. 15, 1943

No. D-115

REMOVAL OF  
RUST PROOFING  
COMPOUND FROM  
SHEET METAL  
PARTS

17616

REMOVAL OF  
RUST PROOFING  
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4. Lacquer Thinner, Gasoline and Kerosene can be used for removing the rust-proofing compound. These products usually cost more than the Oleum or Mineral Spirits and create a greater fire hazard.
5. When all of the rust-proofing compound has been removed, prepare the bare metal for priming. Use one of the commercial products for this purpose such as metalprep #79, Ditzler Z 453, etc., following directions given by the maker of the product.
6. Parts may then be primed. This priming operation should take place at once as bare metal which is allowed to stand for any length of time may rust from moisture carried in the air.

MATERIALS REQUIRED

Oleum or Mineral Spirits of the proper grade can be purchased from warehouses of the leading oil companies. This material is used as an enamel reducer and for miscellaneous cleaning purposes. It is a petroleum distillate and must be free from water, sediment or any foreign matter.

The following specifications cover Mineral Spirits generally available from oil company warehouses:

- Color.....Must be water white
- Flash.....Must not be flash below 105°F.
- Gravity.....Specific Gravity at 15°C must be between 49° and 51° Baume.
- Distillation.....The first drop must distill between 280° and 310°F. 90% must distill below 420°F. Maximum residue allowable after distillation 3%.

Metalprep #79 is manufactured by the Neilson Chemical Company whose offices are located at 6564 Benson Street, Detroit, Michigan and 3425 Union Pacific Avenue, Los Angeles, California. It is available through DuPont Refinish Distributors and other recognized outlets throughout the United States.

Ditzler Z 453 Rust Remover and Metal Cleaner is manufactured by the Ditzler Color Company, Detroit, Michigan, and is available from Ditzler jobbers in all sections of the country.

We suggest that your service men study this bulletin and set up shop procedures to cover these operations, unless such procedures are already in use, as proper cleaning and preparation of sheet metal parts for finishing provides the foundation for a durable and satisfactory finish.

Careful attention to these operations in your shop will enable you to turn out work which will keep your customers satisfied.

J. E. HOPPER  
Technical Service Manager  
DODGE DIVISION