

RTV Sealing Surface Cleaning and Preparation

Special Tool(s) / General Equipment

Plastic Scraper

Materials

Name	Specification
Motorcraft® Silicone Gasket Remover ZC-30-A	-
Motorcraft® Metal Surface Prep Wipes ZC-31-B	-
Motorcraft® Metal Brake Parts Cleaner PM-4-A, PM-4-B	-

Cleaning

NOTICE: This procedure is only to be used on the sealing surfaces of metal components. Do not use this procedure on non-metal (composite/plastic) components. Failure to follow this direction can lead to malfunction of the RTV seal and fluid leakage.

NOTICE: Place clean, lint-free towels over exposed cavities. Carefully remove the towels so foreign material is not dropped into the cavities. Any foreign material (including any material created while cleaning surfaces) that enters the fluid passages, may cause failure.

NOTICE: Do not use metal scrapers, wire brushes, power abrasive discs, or other abrasive means to clean sealing surfaces. These tools cause scratches and gouges which make leak paths.

1. Remove loose sealant by hand or with the aid of a plastic scraper.
Use the General Equipment: Plastic Scraper
2. Apply Motorcraft® Silicone Gasket Remover to surface. Allow to set for several minutes.
Material: Motorcraft® Silicone Gasket Remover / ZC-30-A
3. Use a lint-free towel and plastic scraper to remove any remaining sealant. A second application of Silicone Gasket Remover may be required.
Use the General Equipment: Plastic Scraper
Material: Motorcraft® Silicone Gasket Remover / ZC-30-A
4. Clean the surface with Motorcraft® Metal Brake Parts Cleaner to remove all residual sealant and oil.
Material: Motorcraft® Metal Brake Parts Cleaner / PM-4-A, PM-4-B
5. **NOTE:** Motorcraft® Metal Surface Prep Wipes is a pre-saturated disposable wipe to be used as a final step in surface preparation. It creates a conversion coating providing an improved base for RTV sealing. The wipe is a dry-in-place application and does not require rinsing.

NOTE: Discard wipe after a single use.

Prep the surface with Motorcraft® Metal Surface Prep Wipes. All metal surfaces that are to be sealed with RTV are to be wiped. Make sure the surface is moistened with the fluid.

Material: Motorcraft® Metal Brake Parts Cleaner / PM-4-A, PM-4-B

Material: Motorcraft® Metal Surface Prep Wipes / ZC-31-B

6. **NOTICE:** Drying the surface with a towel will contaminate the surface and may cause oil leaks.

Allow the surface to air dry. (Approximately 2 minutes.)

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