

Cylinder Head Cleaning

Special Tool(s) / General Equipment

Plastic Scraper

Materials

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

Cleaning

1. **NOTICE:** Do not clean the cylinder heads with steel scrapers or blades, which can cause scratches or gouges that result in leak paths.

NOTICE: Do not use rotary abrasive tools including: pads, disc, wire brushes, sand paper or emery cloth. These products can alter the surface finish of the head, adversely affecting the combustion chamber sealing.

NOTICE: Aluminum surfaces are soft and can be scratched easily. Never place the cylinder head gasket surface, unprotected, on a bench surface.

NOTE: If there is no residual gasket material present, metal brake parts cleaner can be used to clean and prepare the surface.

Remove any large deposits of gasket material with a plastic scraper.
Use the General Equipment: Plastic Scraper

2.
 - Apply the silicone gasket remover as follows:
 - Apply liberally on the surface and let stand for several minutes to soften the gasket material.
Material: Motorcraft® Silicone Gasket Remover / ZC-30-A
 - Allow longer contact time for thick layers.
3.
 - Remove the silicone gasket remover with a plastic scraper.
Use the General Equipment: Plastic Scraper
 - A second application of silicone gasket remover may be required if residual traces of gasket material remain.
Material: Motorcraft® Silicone Gasket Remover / ZC-30-A
4. **NOTE:** Do not attempt to make the metal shiny. Some staining of the metal surfaces is normal.

Apply metal brake parts cleaner, to remove any remaining traces of oil or coolant, and to prepare the surfaces for the new gasket.
Material: Motorcraft® Metal Brake Parts Cleaner / PM-4-A, PM-4-B