

# Maintenance Procedure

## No. P531

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TASK DESCRIPTION
CHECK CONDITION OF ROCKER COVER GASKET AND LATCH ASSEMBLIES. REPAIR AS REQUIRED.
BUILDER'S OR VENDOR'S MAINTENANCE INSTRUCTIONS
710G3/G3A Turbocharged Engine Maintenance Manual, Electro-Motive Division, General Motors Corporation, LA Grange, Illinois, June 27, 1990, p. 1-16
SPECIAL TOOLS REQUIRED:
RELATED MAINTENANCE PROCEDURES MODIFICATIONS, POINTERS, ETC.
SAFETY PRECAUTIONS:
CONTRACTOR TO ASSUME RESPONSIBILITY FOR SAFETY RULES AND COMPLIANCE.
PREPARATION:

### PROCEDURE

- 1 Check condition of rocker gasket and latch assemblies. Repair as required. When replacement of either the gasket or seal is necessary, see EMD parts catalog for the correct parts numbers.

When applying new seals to the cover, coat seals liberally with EAM High Temperature Resistant Grease No. 4. This will facilitate ease of application and prevent the seal from sticking to the head frame and being pulled loose or damaged when the cover is raised.

- 2 Apply new seal as follows:
  - 1.1 Begin application of seal at a point approximately 25.4 mm (1 inch from upper left hand corner of cover and make second joint (if required) at a similar point in the upper right hand corner.
  - 1.2 Insert first one edge of the "V" shaped seal into cover groove, and then push the other edge into groove with a flat tool, such as a screwdriver blade. Proceed to apply seal in this manner or use a "V" notched tool which will compress the seal "V" together as it is drawn along the length of the seal around the cover groove.

**Note:** *It is important to keep the seal compressed so that the total length fits into the groove without stretching.*
  - 1.3 Square off and butt ends of seal lengths tightly together. New gaskets should be installed between the frame and crankcase whenever the frames are removed from the crankcase or sooner if the gaskets show signs of leaking.

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