REPLACE VALVE SPRING ASSEMBLIES. Compress springs just enough to install keepers. **IMPORTANT:** Excessive compression can result in spring retainer damaging valve stem seal. Release spring carefully.

VALVE COVER GASKET

NOTE: DO NOT use adhesives or sealers when intalling this gasket.

CLEAN MATING SURFACES of all foreign material including old gasket. RTV and oil. You may wish to use a degreaser. Also, clean oil return holes.

CHECK COVER FLANGES for flatness. Straighten stamped metal covers. Replace if severely distorted. Distorted cast aluminum or plastic covers are difficult to straighten and should be replaced.

INSTALL CAP SCREWS. Position gasket while valve cover is inverted on workbench. Install cap screws through cover and into gasket bolt holes. Gasket bolt holes are intentionally undersized to hold screws in place.

REINSTALL COVER TO ENGINE. Turn cover upright (gasket will remain with cover) and install on engine.

START CAP SCREWS into cylinder head but do not tighten until you adjust position of gasket under cover flange with gasket side tabs. Torque cap screws securely to 30 in. lbs.

TEST RUN ENGINE. Check all mating areas thoroughly to detrmine that all seals hold during operation.

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VALVE STEM SEALS

REMOVE SPRING ASSEMBLIES, KEEPERS and the old valve stem seals.

REMOVE BURRS (IF ANY) FROM VALVE STEMS. Use a fine stone or crocus cloth. Clean stems thoroughly to remove all abrasive or dust particles. Lubricate lightly.

INSTALL NEW SEALS.

POSITIVE GUIDE SEAL: Use the plastic installation sleeve(s), included in this set, to prevent damage to the lip of the seal. Trim the plastic sleeve so it extends 1/16" below the keeper groove. Place the sleeve on the stem.

Carefully start valve stem seal over sleeve.

FOR RUBBER JACKET SEALS: Push seal down over valve guide until it bottoms.

FOR SOLID OR METAL JACKET SEALS: The use of an OEM service tool is recommended. If tool is unavailable, use a deep socket or rigid tube of appropriate diameter. Center tool (or socket) over the shoulder of the seal and tap the seal down over the guide until it bottoms.

- Continued -



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