

SERVICE BULLETIN



M-918

January 17, 1986

VALVE STEM SEALS — ALL 1986 MODELS

General

See Figure 1. Because of the new valve stem seal configuration, seal (3) will no longer pass through the bore of lower collar (4). It is now necessary to install the lower collar first and then press the seal onto the top end of valve guide (5). A spacer (2), which is the thickness (0.265 inch) of lower collar (4), must be installed in the bore of tool (1) HD-34643 since the tool will now be bottoming on top of the lower collar instead of the cylinder head.

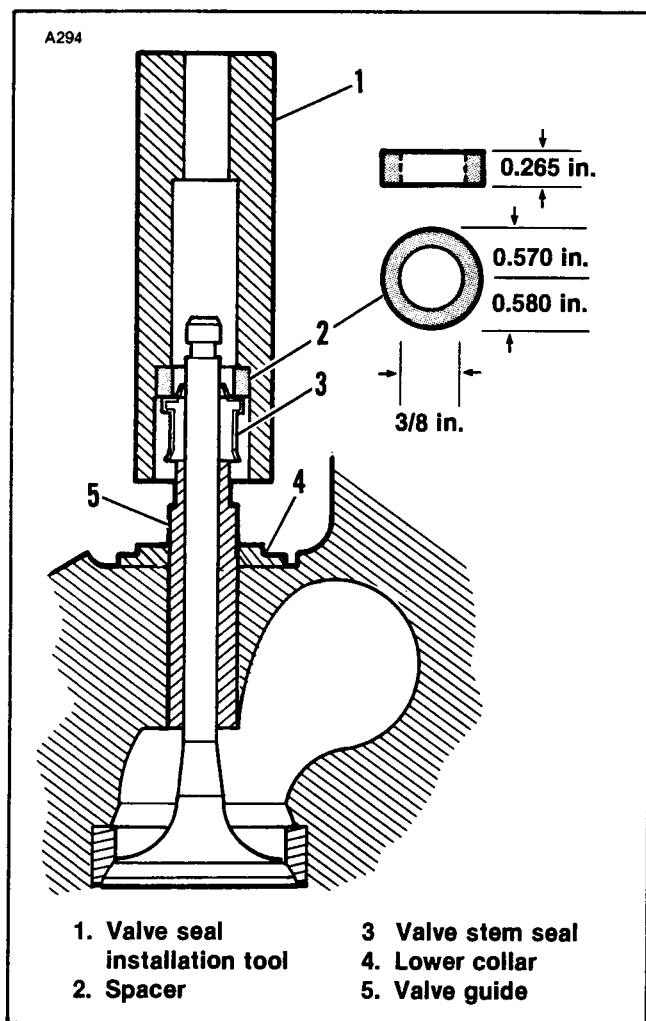


Figure 1. Valve Seal Installation with Spacer

The spacer can either be made locally or can be purchased through KENT-MOORE Part No. HD34643-10. If the spacer is made locally the outside diameter of the spacer must be the same as the inside diameter of your installation tool (1) to provide a slight interference fit. The inside diameter of the spacer is not as critical and is drilled to 3/8 inch. The purchased spacer will have the outside diameter knurled to fit any variation of tool inner diameter.

Installation of Valve Seal (Figure 1)

1. Place lower collar (4) over valve guide (5).

CAUTION

Do not apply Loctite to inner cavity of seal or top surface of guide.

2. Apply a small amount of Loctite GREEN RETAINING COMPOUND to outside diameter of guide (5) a slight distance below the top of guide. Place a protective sleeve over the valve stem keeper grooves. Coat the sleeve with oil and place a new seal (3) over the valve stem.

CAUTION

If the seal is installed without using the protective sleeve, the seal will be damaged.

3. Tap the seal onto the guide using the VALVE SEAL INSTALLATION TOOL (1), Part No. HD-34643 and DRIVER HANDLE, Part No. HD-34740. The seal is completely installed when tool (1) touches the lower collar surface.

CAUTION

Do not remove valve after seal is installed. Sharp edges on keeper groove will cut and ruin seal.

Make a notation of this change in your Service Manuals.

ROUTING:	SERVICE MANAGER	SALES MANAGER	PARTS MANAGER	CHIEF MECHANIC	MECHANIC NO. 1	MECHANIC NO. 2	MECHANIC NO. 3	MECHANIC NO. 4	RETURN THIS TO:
INITIAL HERE									