

# Packard **SERVICE TECHNICAL** Bulletin

55T-5  
January 26, 1955

To: ZONES

Subject: CYLINDER HEAD OIL PASSAGE - 55TH SERIES

A few reports have been received of noisy rocker levers on the 55th Series engines. The noise is generally described as a squeaking sound.

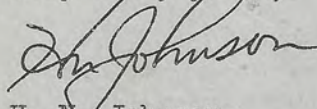
Oil to the rocker levers is supplied from the main oil gallery through a drilled passage in the cylinder block, mating with a vertical passage in the cylinder head. This passage connects with a horizontal passage at the forward end of the left cylinder head as shown in the illustration. The rear of the passage is drilled into the opening for the front rocker lever shaft pedestal screw. Oil is supplied between the screw and the pedestal, up into the rocker arm shaft to lubricate the rocker levers. The forward end of the horizontal oil passage supplies oil to the oil filter.

As the cylinder heads are interchangeable from left to right, the oil passages will be at the rear on the right cylinder head. The opening that is used for the oil filter connection will be plugged with a 1/8" pipe plug on the right cylinder head.

In most cases, the noisy, squeaking rocker lever condition has been due to a lack of oil at the levers. It was found that the horizontal oil passage in the head was not drilled deep enough to connect with the pedestal screw opening.

When noisy, squeaky rocker levers are encountered, remove the rocker covers and examine the levers for oil supply while the engine is running. If no oil is found, it will be necessary to remove the cylinder head and drill out the passages with a 21/64" drill to the depth shown in the illustration. Blow out the chips with compressed air.

Very truly yours,



H. M. Johnson  
Assistant Service Manager

HGL:tf

