



Cylinder Head Machining Option for 2007-2018 Mack MP8 Diesel Engines

The AERA Technical Committee offers the following information concerning the possibility of surfacing 2007-2018 Mack MP8 diesel cylinder heads. The SOHC design of these engines limits the possibility of surfacing the cylinder head deck without providing for a means of adjusting the gear to gear backlash.

The camshaft design of these heads incorporates individual camshaft towers to mount the camshaft to the cylinder head. Spacing those towers away from the cam idler gear after machining the cylinder head deck will maintain the proper gear to gear backlash.

It has been reported that the Innovative Machine Supply Company is now providing .020" (.500 MM) shims to properly raise the position of the camshaft. To allow use of these shims the cylinder head deck surface will have to be machined .020" (.500 MM) from the new head thickness of 5.315" (135.000 MM). The company may be reached by either calling them at 636-600-1171 or contacting their website www.innomach.com.

Shim Details

Part #	Description	Engine Application
HSVOD13-CTS (6 3-Bolt hole Shims & 1 2-Bolt hole Shims)	Cam Tower Shim Set	Mack MP8 Engine