



## Cylinder Head Gasket Selection on 2014-2018 Dodge 3.0L Diesel Engines

The AERA Technical Committee offers the following information regarding cylinder head gasket selection on 2014-2018 Dodge 3.0L diesel engines. These engines are made by FPT (Fiat Power Train) for Dodge and selecting and using the wrong head gasket on this engine could cause engine damage.

Dodge offers three different thickness head gaskets for this L4 cylinder FTP diesel engine. The proper gasket to use depends on the amount of piston protrusion present. When measuring piston protrusion, make sure that you measure each of the four piston locations. The gasket to use should be based on the average of the eight values measured and recorded.

Follow the steps below to determine the piston protrusion and refer to the diagrams shown below. The desired piston protrusion specification is .011-.015" (.300-.400 MM).

1. Measure the height of the piston in the location illustrated (1) below and record measurement.
2. Measure the height of the piston in location illustrated (2) below and record measurement.
3. Repeat the procedure for each cylinder.
4. Average the 4 piston protrusion readings to determine the required gasket thickness.
5. All piston heights should measure within .0050" (.127 MM) of each other.
6. Select the appropriate cylinder head gasket (1) from the head gasket chart below. Notches (2) in the cylinder head gasket determine the thickness of gasket.

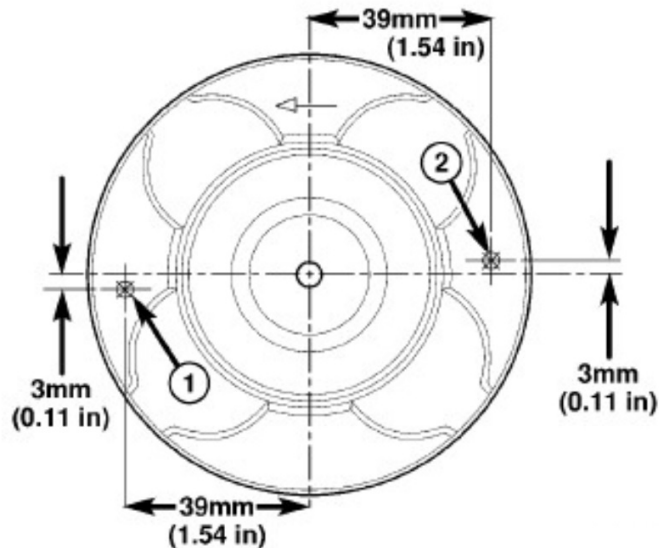
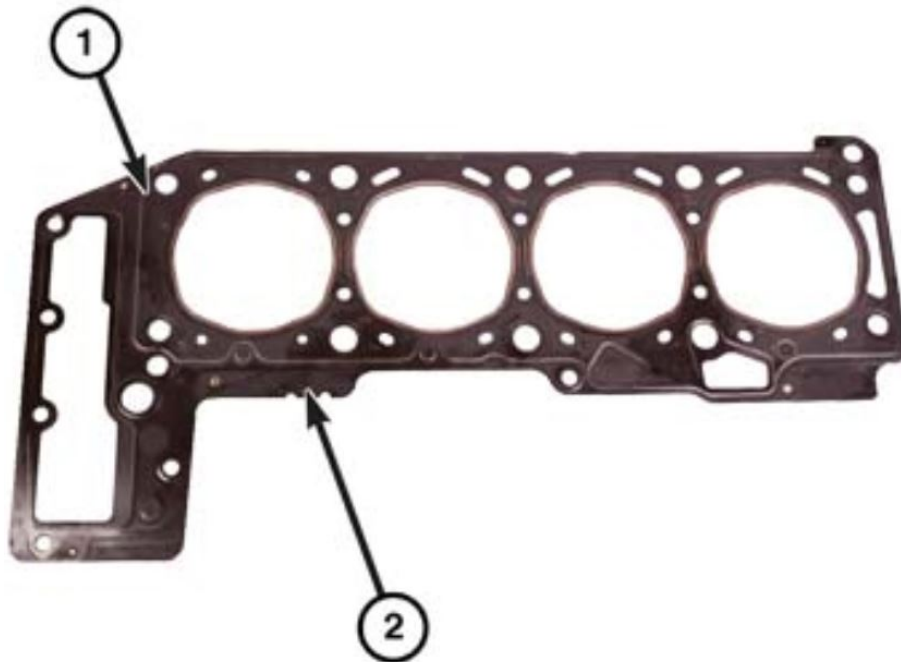


Figure 1. Piston Height Measurement Locations 1 & 2

Gasket Grade	Projection Value	Thickness	Grade	Part Number
3 Notches Evenly Spaced	.019-.023" (.501-.600 MM)	.051" (1.300 MM)	A	68133331AA
2 Notches Spaced Apart	.015-.019" (.401-500 MM)	.047" (1.200 MM)	B	68133330AA
2 Notches Close Together	.011-.015" (.300-.400 MM)	.043" (1.100 MM)	C	68103905AA



**Figure 2. Head Gasket 1, Notches Location 2**