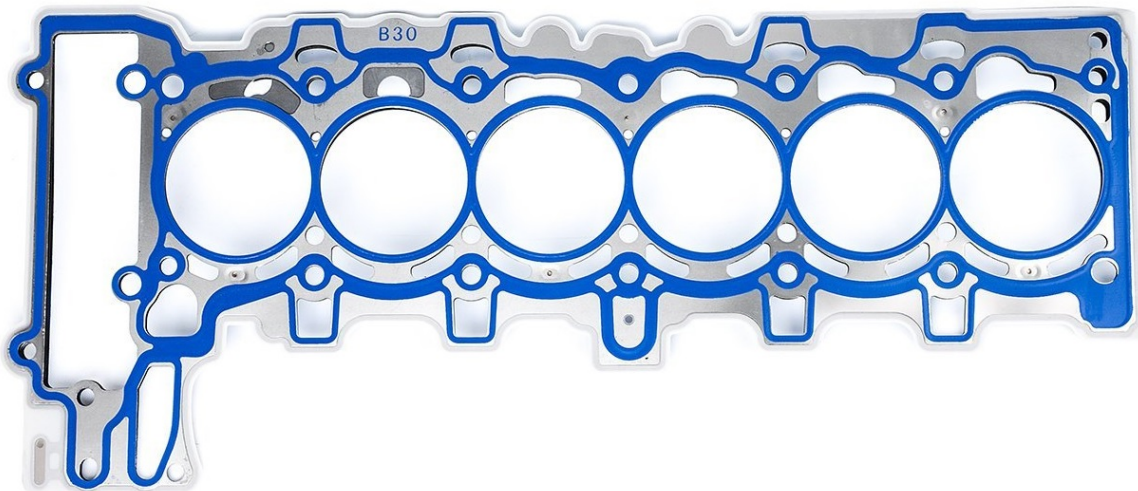


## Head Gasket Selection on 2004-2015 BMW N52 Engines

The AERA Technical Committee offers the following information regarding the proper head gasket selection for 2004-2015 BMW N52 engines. During manufacturing of these engines, two different thickness head gaskets were used. Using the correct head gasket during engine assembly is crucial or engine damage may result.

Those two gaskets can be identified in the chart below by measuring the single metal shim head gasket and selecting the appropriate gasket part number. Be very careful with the new head gasket being mindful of the rubberized sealer and not to disturb the sealer whatsoever.

Parts Information	OEM Part Number	Thickness
Head Gasket	11127555757	.047" (1.200 MM)
Head Gasket	11127555758	.059" (1.500 MM)



**Figure 1. Head Gasket with 3.0L Marking & Rubberized Sealer (Blue)**

It has been reported that if the thinner gasket is used in place of the thicker gasket, piston dome to cylinder head contact may exist. It's another reminder to retain removed engine parts for comparison with their replacements.