

96

TECHNICAL REPORT

10194500 cylinder head gasket
thickness according to notches



PURPOSE

To advise our customers about the correct thickness that must be selected according to the number and position of the **notches** in this cylinder head gasket.

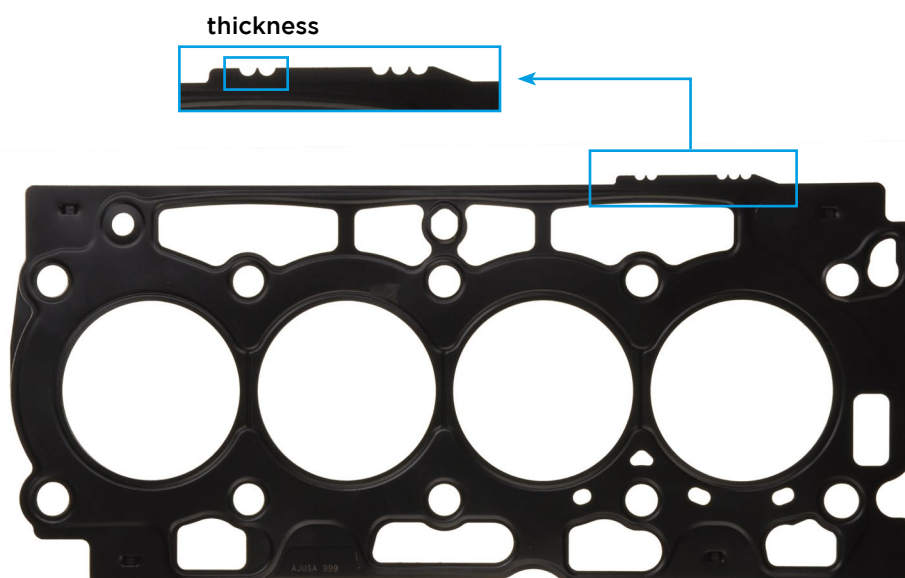
DESCRIPTION
















10194500/10/20/30/40... cylinder head gasket part numbers fit on 1.6HDI engines from 2009. This engine was created by PSA and Ford; however, it is used by some other manufacturers such as Mazda, Mini, Fiat, Suzuki or Volvo to move its different tourism cars models.

It is well-known by mechanics and engine rebuilders that there is generally a **large variety of thicknesses** of cylinder head gaskets for diesel engines.

In this part number the position and number of the notches differ between gasket manufacturers, so choosing the correct thickness for the head gasket could be difficult only by **seeing the notches** when the old cylinder head gasket has been removed from the engine.

The notches are divided in **two groups**, one of them indicate the thickness and is equal to all manufacturers, and the other has nothing to do with the thickness and varies between manufacturers. In order to help our customers, a comparison between notches from OEM manufacturers and Ajusa cylinder head gasket for part number 10194500 and its different thicknesses is showed below.



FORD			PSA			AJUSA			
REF. OE	NOTCH POSITION		REF. OE	NOTCH POSITION		REF. AJUSA	NOTCH POSITION		THICKNESS (mm)
1698964		2+3	0209.JN		2+1	10194500		2+3	1,25
1698965		3+3	0209.JG		3+1	10194510		3+3	1,30
1698966		1+3	0209.JH		1+1	10194520		1+3	1,35
1698967		4+3	0209.JJ		4+1	10194530		4+3	1,40
1698968		5+3	0209.JK		5+1	10194540		5+3	1,45