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# TECHNICAL REPORT

How to select the correct  
thickness for 1.6 HDI PSA-Ford  
engines 10157700 cylinder head  
gasket



## REASON

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.

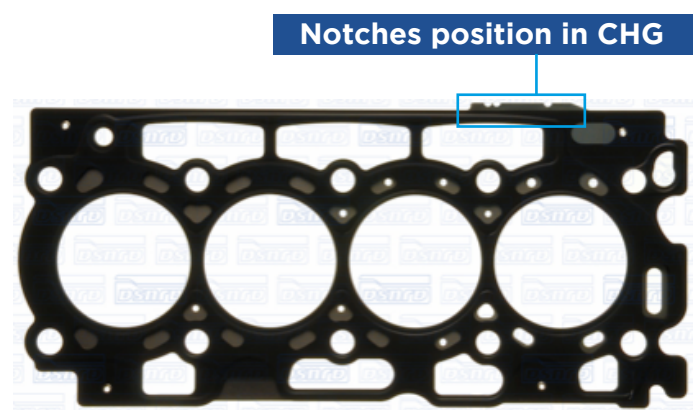
## DESCRIPTION












10157700/10/20/30/40... cylinder head gasket part numbers fits on 1.6HDI engines. 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.

The **number and position of the notches is usually different between gaskets 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, as happens in this part number.

In order to help our customers, a comparison between notches from OEM manufacturers and AJUSA cylinder head gasket for 10157700 part number and its different thicknesses is showed below.



FORD			PSA			AJUSA			
O/E P.N	NOTCH POSITION		O/E P.N	NOTCH POSITION		AJUSA P.N	NOTCH POSITION		THICKNESS
1229877		2+3	0209.CA		2+2	10157700		2+1	1,25
1229878		3+3	0209.CC		3+2	10157710		3+1	1,30
1229879		1+3	0209.CE		1+2	10157720		1+1	1,35
1229880		4+3	0209.CF		4+2	10157730		4+1	1,40
1229881		5+3	0209.CG		5+2	10157740		5+1	1,45
			0209.HG		1+1+2	10157750		1+1+1	1,50
			0209.HF		2+2+2	10157760		2+2+1	1,55
			0209.HE		1+1+2	10157770		1+1+1	1,60
			0209.HC		2+1+2	10157780		2+1+1	1,65