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TECHNICAL REPORT

Thickness identification in
101208X0 cylinder head
gasket according to engraved
number



PURPOSE

Inform our customers about **the correct thickness** that must be selected according to an **engraved number** on the surface.

DESCRIPTION

10120800/10/20/30 cylinder head gasket part numbers assemble in **2.8 engines** from different industrial vehicles manufacturers such as Iveco, Renault, Citroen, etc.

It is well known by mechanics and engine rebuilders that gasket manufacturers usually **offer several different thicknesses** of the same cylinder head gasket from diesel engines.

In this part number, notches identification is not used, and it is swapped by a **number method**, in which **thickness** is directly indicated by an **engraved number** on the cylinder head gasket surface.

The main problem is the way we may identify the number after being assembled for a long

time because the number **could have lost readability**, or it is difficult to find on the surface. Following the next steps could help you to find out the right cylinder head gasket.

Firstly, cylinder head gasket must be cleaned in order to avoid any stain or oil remains.

Then, you may search for the numbers, showed in the image below, **on the left hand of the top side** of the cylinder head gasket.



In **Ajusa cylinder head gasket**, this indication is found on the lower left corner of the top side.



This engraved number will indicate you the **thickness of the gasket**.

PART NUMBER ACCORDING TO THICKNESS			
THICKNESS	OE FIAT /IVECO P/N	OE CITROEN/PEUGEOT P/N	AJUSA P/N
1.20 mm	99432354	0209.0A	10120800
1.30 mm	99432353	0209.0C	10120810
1.40 mm	99460983	0209.0E	10120820
1.50 mm	99458402	0209.0F	10120830

PISTON OVERHEIGHT

In the case that **thickness is impossible to read**, piston height over the engine block plain must be measured in the way it was indicated in detail at our TIP 26

<https://back.ajusa.es//archivos/ajusatips/overheight-piston-cylinder-head-gasket.pdf>

According to the measurements obtained, we might select the right cylinder head gasket from the next index.

THICKNESS ACCORDING TO PISTON OVERHEIGHT			
THICKNESS	LOWER MEASUREMENT (mm)	UPPER MEASUREMENT (mm)	AJUSA P/N
1.20 mm	0.40	0.50	10120800
1.30 mm	0.51	0.60	10120810
1.40 mm	0.61	0.70	10120820
1.50 mm	0.71	0.80	10120830