

# The DAF MX 13 complete range of gaskets, gasket kits and seals.

Available for Euro IV/V and Euro VI engines



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As an automotive supplier, ElringKlinger has become a trusted partner to its customers – with a firm commitment to shaping the future of mobility. Celebrating 140 years of engine gasket excellence in 2019. All efforts to stay ahead are supported by a dedicated workforce of more than 10,000 employees at 45 ElringKlinger group locations around the globe.

Emission standards are the main drives for the applied gasket technologies. Most obvious to see that there are the different cylinder head gaskets. While the MX 13 engine Euro IV/V features a Multi-layer steel head gasket, the Euro VI engine needed to be fitted with a superior Metal Elastomer design.

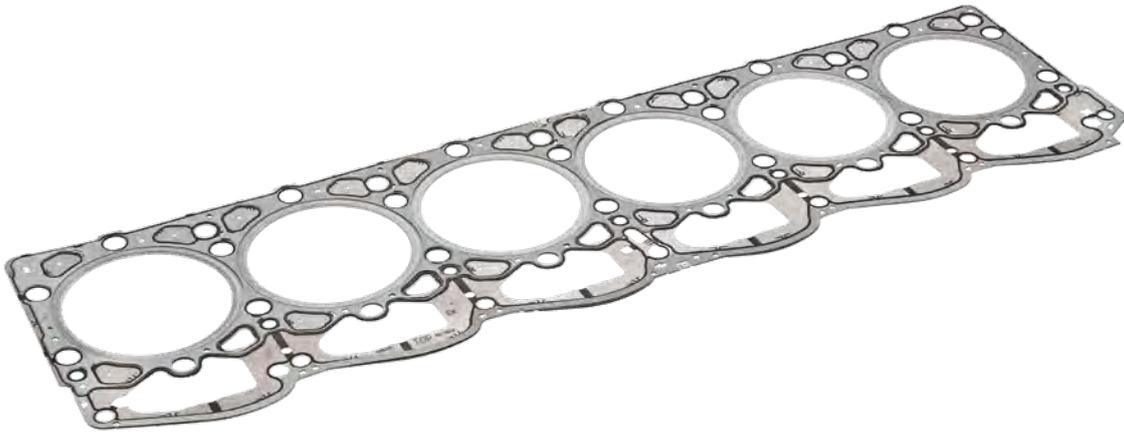
Euro IV/V engines show a maximum compression ratio of 17,4:1 and a maximum of 1620 bar injection pressure. Comparing that with 18,5:1 and 2500 bar injection pressure for the Euro VI engine. Those increases result in higher burning temperatures and more important in a gain in the sealing gap oscillations between cylinder block and cylinder head. Additionally engine block and cylinder head are casted in a lighter so called Compacted Graphite Iron, reducing the applicable cylinder head bolt force remarkably.

Taking all of that into account, there was a need to come up with a new design for the cylinder head gasket, tougher than the metal layer version. The outcome is a technology unparalleled to the engine gasket world.

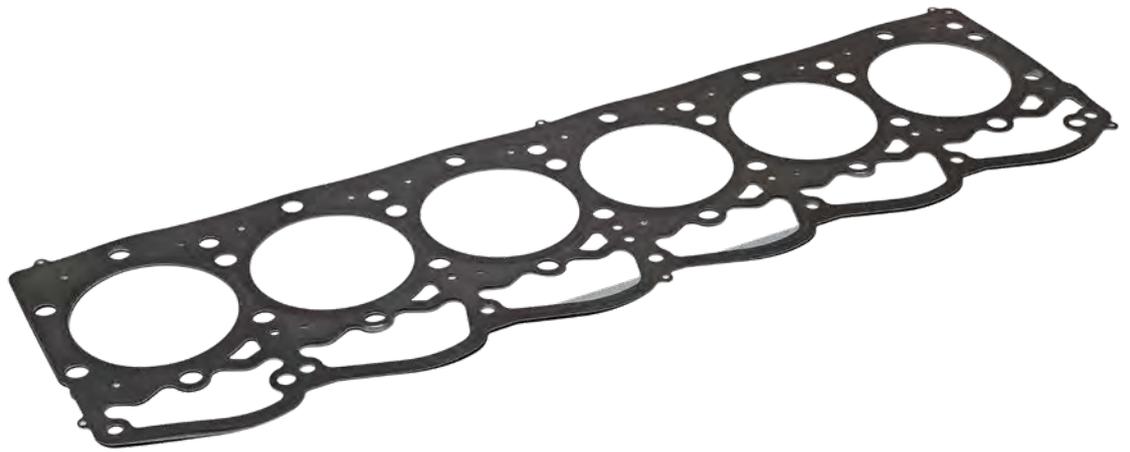
The Euro VI cylinder head gasket is designed as metal elastomer gasket, meaning the sealing of engine oil and coolant is done via rubber injection molded sealing lips directly on a metal carrier. There are such two central carriers each spanning for three cylinders. Sealing of the combustion chambers are executed with an embossed bead on the carrier plates and an additional stainless steel fire ring to cope with the high compression ratio as described.

Due to the overall length of the gasket, ElringKlinger had to invent a design which can be best described as a puzzle and which is unique to the gasket industry. Eight different gasket elements are combined to form the entire gasket, including a lateral metal layer to support the integral sealing.

More details about the other heavy duty diesel engines can be found on [www.elring.de](http://www.elring.de) where exploded drawings are available for an easy look up for parts and free download.



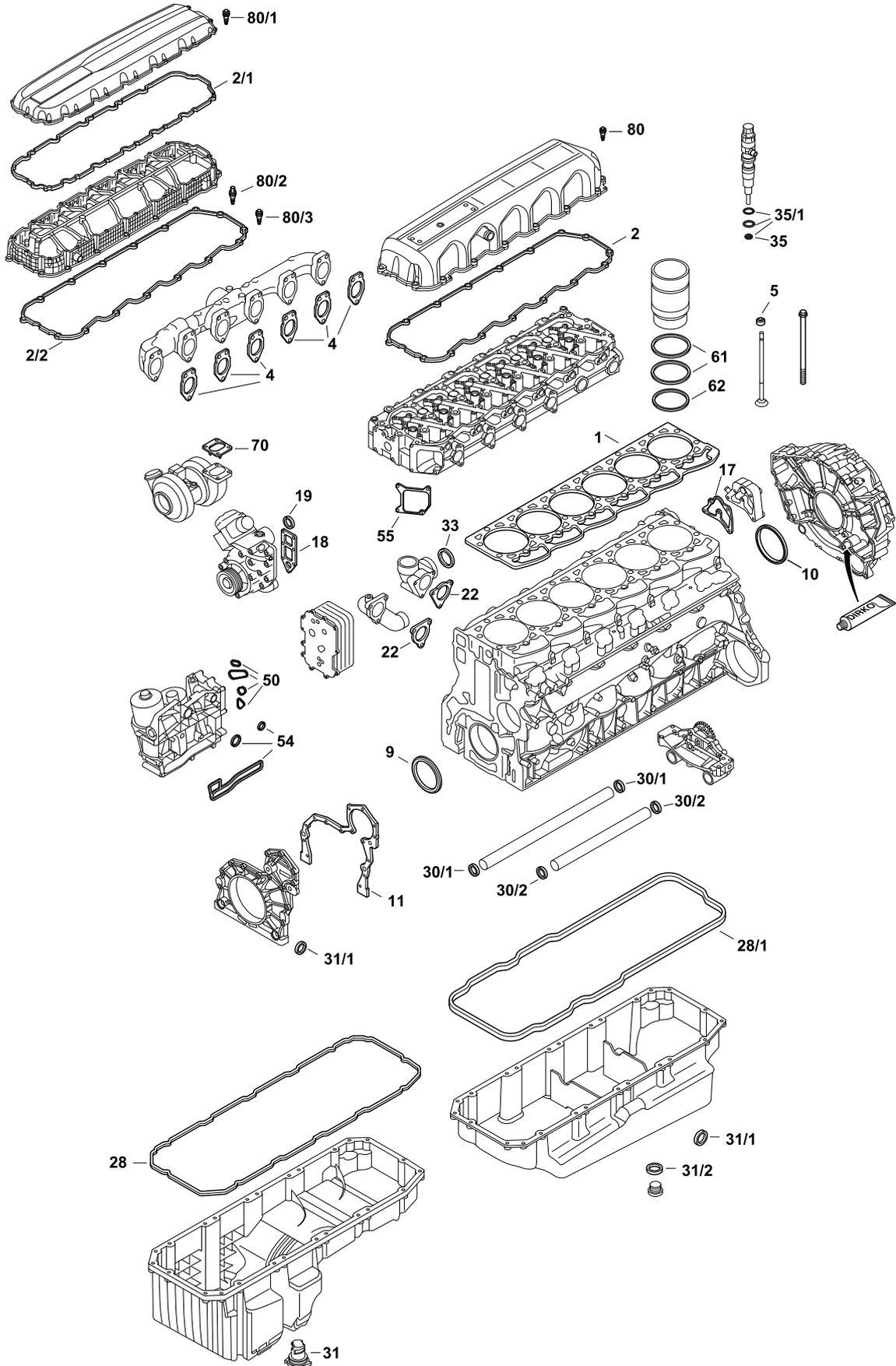
 : 575.042 // OE # 1932 890  
Euro VI



 : 905.990 // OE # 1690 107  
Euro IV/V

# DAF

## MX 13 – Euro VI



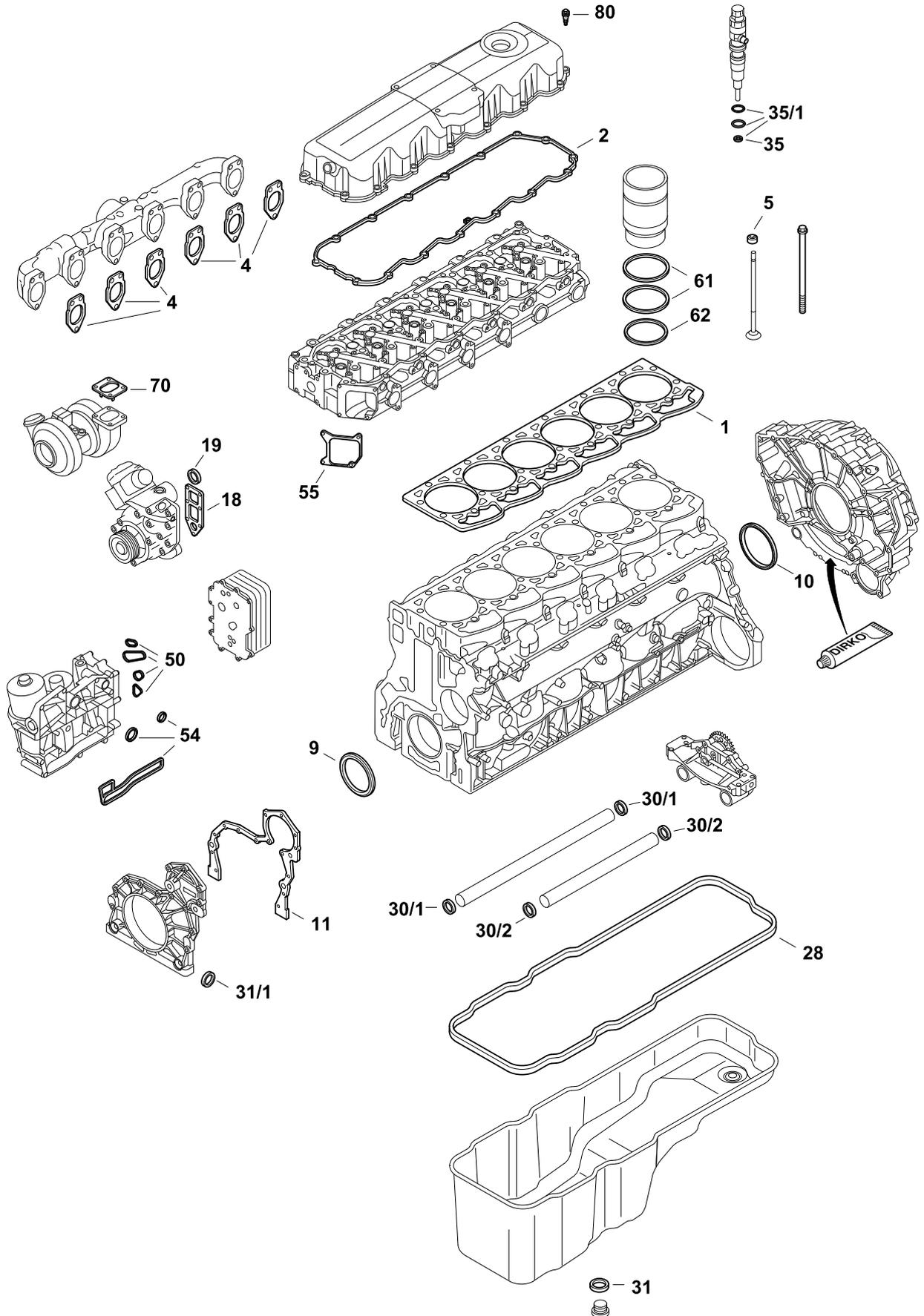


Euro VI

			#				
	478.880	1x	2005 461	-			-
	478.890	1x	2036 375	-			-
Kit	308.930	6x	-	-	Cylinder liner rings		Pos . 61 + 62
	259.560	1x	-	-			26x 1822 166, Kit
	259.561	1x	-	-			26x 1822 166   7x 1822 941, Kit
1	575.042	1x	1874 963	-			-
2	246.160	1x	1924 761	-	VMQ		
2/1	440.220	1x	2105 834	-	AEM		
2/2	440.230	1x	2105 835	-	AEM		
4	478.670	6x	2106 219	-			-
5	242.510	24x	1813 133	-	10x12,8/16,5x10,9 FPM		-
9	278.000	1x	1876 189	-	134x161x16 ASW RD PTFE/ACM		-
10	278.020	1x	1876 190	-	166x191x16 ASW LD PTFE/ACM		-
11	439.570	1x	1781 714	-			-
17		1x	1786 142	-			-
18	801.610	1x	1880 063	-	Metal		-
19	375.710	1x	1670 331	-	51x5 FPM RD		-
22		2x	1885 500	-			-
28	233.440	1x	1853 603	-	AEM		
28/1	246.170	1x	1925 946	-	AEM		
30/1	262.610	2x	1608 393	-	Ø 32 mm		-
30/2	262.620	2x	1608 394	-	Ø 38 mm		-
31	233.451	1x	1982 821	-			
31/1	107.239	1x	0331 326	-	10x13,5x1 CU A		-
31/2	133.400	1x	0119 135	-	26x32x2 CU A		-
35	475.290	6x	2127 551	-	7x16,5x2 FE A		-
35/1	867.140	6x	-	-	27x2 FPM + 24x2,5 FPM		incl. 475.290
50	279.590	1x	1643 076	-			Set/kit
54	251.230	1x	1643 075	-			Set/kit
55	261.390	1x	1907 399	-	EWP/soft material		-
61	-	2x	1603 978	-	EPDM		
62	-	1x	1603 977	-	FPM		
70	908.570	1x	1899 998	-			-
80		16x	1958 374	-	23 ±2 Nm		
80/1		17x	1971 745	-			
80/2		2x	1951 065	-			
80/3		14x	1951 064	-			

# DAF

## MX 13 – Euro IV/V



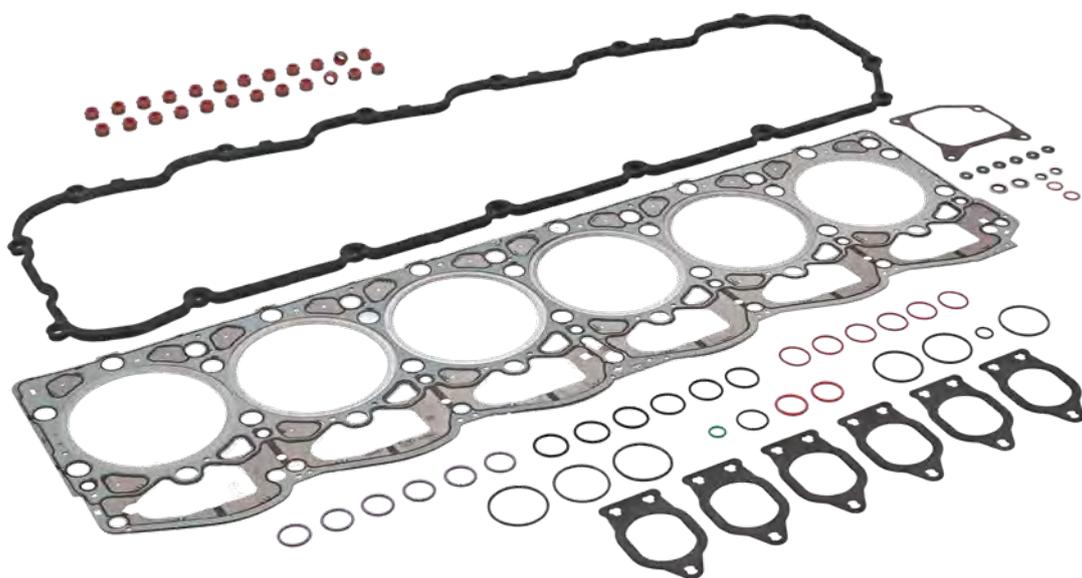


Euro IV | Euro V



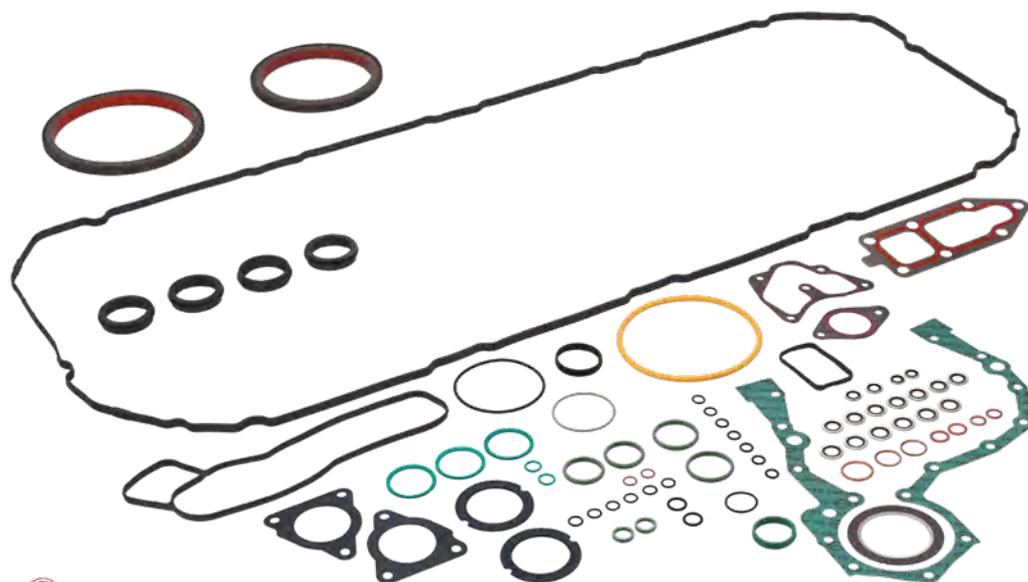
	261.430	1x	0683 657	-	-
	279.660	1x	0683 658	-	-
Kit	874.950	6x	-	-	Pos. 35 + 35/1
Kit	308.930	6x	-	Cylinder liner rings	Pos . 61 + 62
	259.560	1x	-	-	26x 1822 166, Kit
	259.561	1x	-	-	26x 1822 166   7x 1822 941, Kit
1	905.990	1x	1690 107	MLS	-
1	575.042	1x	1932 890	ME	-
2	005.520	1x	1656 305	AEM	-
4	238.760	6x	1639 810	-	-
5	242.510	24x	1813 133	10x12,8/16,5x10,9 FPM	-
9	278.000	1x	1876 189	134x161x16 ASW RD PTFE/ACM	-
10	278.020	1x	1876 190	166x191x16 ASW LD PTFE/ACM	-
11	036.164	1x	-	70 ml	Dirko™ HT
18	255.290	1x	1458 936	EWP/soft material	-
19	375.710	1x	1670 331	51x5 FPM RD	-
28	248.400	1x	1643 512	AEM	-
30/1	262.610	2x	1608 393	Ø 32 mm	-
30/2	262.620	2x	1608 394	Ø 38 mm	-
31	031.046	1x	0331 341	26x34x2 CU A	-
31/1	031.046	1x	0331 341	26x34x2 CU A	-
35	242.610	6x	1744 858	7x16,5x2 CU A	-
35/1	867.140	6x	-	27x2 FPM + 24x2,5 FPM	incl. 242.610
50	279.590	1x	1643 076	-	Set/kit
54	251.230	1x	1643 075	-	Set/kit
55	261.390	1x	1907 399	-	-
61	-	2x	1603 978	EPDM	
62	-	1x	1603 977	FPM	
70	908.570	1x	1899 998	-	-
80	255.910	16x	1656 304	-	-

# MX 13 – Euro VI



: 478.880

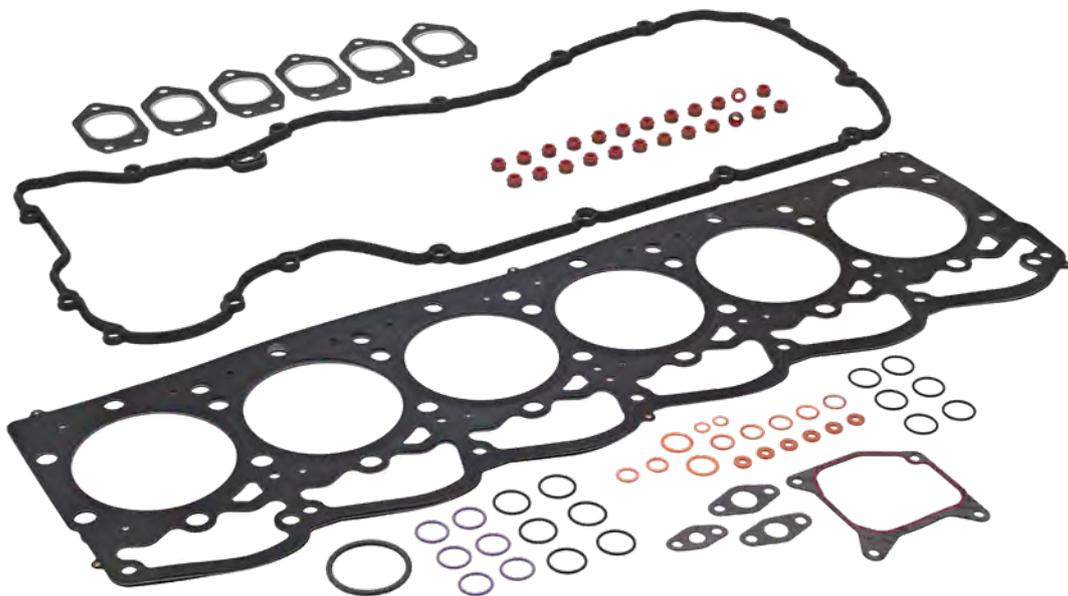
Cylinder head gasket set



: 478.890

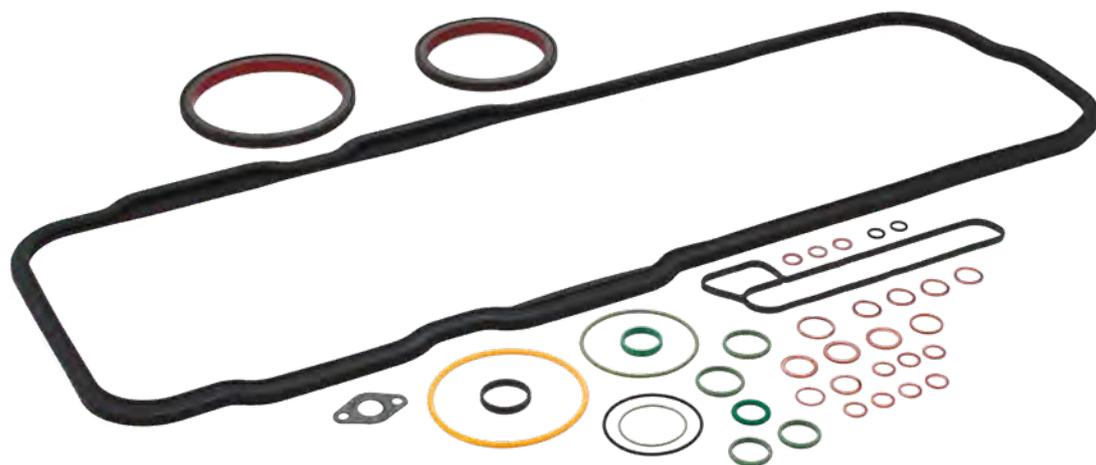
Crank case gasket set

# MX 13 – Euro IV/V



: 261.430

Cylinder head gasket set



: 279.660

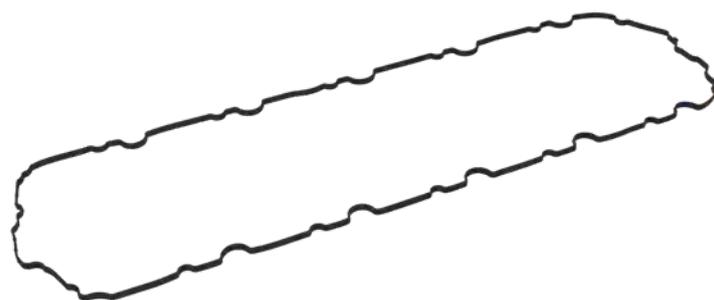
Crank case gasket set

# Valve cover gaskets

High temperature resistant elastomers are used for long lasting durability!



 : 005.520



 : 440.220

Applicable for Valve cover made out of plastic  
Fitting position: top



 : 246.160



 : 440.230

Applicable for Valve cover made out of plastic  
Fitting position: lower

# Oil pan gaskets

Best AEM elastomers are used for oil and high temperature resistance!



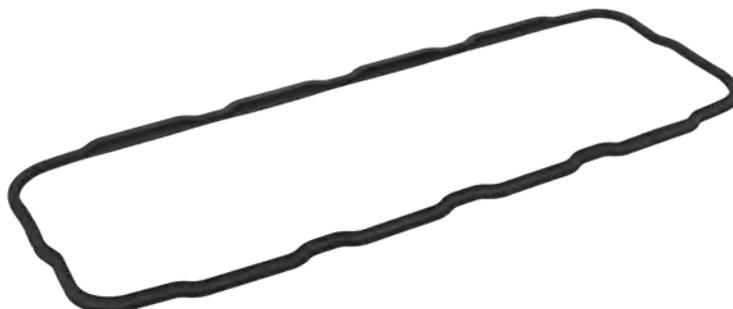
 : 248.400



 : 233.440  
For plastic oil pan



Oil pan sealing plug  
for plastic oil pan



 : 246.170  
For metal oil pan



[www.elring.com](http://www.elring.com)  
[service@elring.com](mailto:service@elring.com)

ElringKlinger AG | Aftermarket Division  
Max-Eyth-Straße 2 | 72581 Dettingen/Erms | Germany  
Phone +49 7123 724-601 | Fax +49 7123 724-609  
[elring@elring.de](mailto:elring@elring.de) | [www.elring.com](http://www.elring.com)

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