



S.NO.	REF. NO	MODEL AND DESCRIPTION	CYL	BORE (IN MM)	AE REF. NO.	MAHLE REF. NO.	KS REF. NO.	OE REF. NO.
<b>OPEL</b>								
25	OP/025	<b>2.3 YTD</b> R 4 Diesel,2260 cm <sup>3</sup> , 63,66 kW (86,90 PS),23.22:1,Turbo Application Omega,Rekord,Senator	4	92.000		011 WV 03		
26	OP/026	<b>23 D/ 23 YD</b>		92.000			89 048 190	
27	OP/027	<b>23 DTR/ 23TD/ 23YDT</b>		92.000			89 048 190	
28	OP/028	<b>4 JA1</b>	4	93.000			89 520 110	
29	OP/029	<b>S8U 758/ S8U 780/ S8U 782</b>		93.000			89 183 190 89 183 191 89 066 190	
30	OP/030	<b>S9W 700 Euro2/ S9W 702 Euro2</b>		94.400			89 502 190	
31	OP/031	<b>4 JG 2 T</b> R 4 Diesel,3059 cm <sup>3</sup> , 85 kW (115 PS),20:1,Turbo,LLK Application Monterey	4	95.400		629 WT 12 629 WV 13		
32	OP/032	<b>J 330</b>		103.180			88 041 190	
33	OP/033	<b>OPEL</b>		103.180				
34	OP/034	<b>OPEL</b>		115.890				

<b>OWAS</b>								
1	OW/001	<b>OWAS 92 MM</b>		92.000				

<b>PEGASO</b>								
1	PG/001	<b>Comet 9020/10</b> R 6 Diesel,6550 cm <sup>3</sup> , 92 kW (125 PS),16:1 Application 1100, 1090, 1095, 3040, 3045	6	107.210		623 WV 03 623 WT 04 623 WV 08		
2	PG/002	<b>Comet 9040</b> R 4 Diesel,4370cm <sup>3</sup> , 66 kW (90 PS),16:1, Application 1100, 1105, 1090, 1095, 3040, 3045	4	107.210		623 WV 03 623 WV 04 623 WV 08		
3	PG/003	<b>Comet 9130</b> R 6 Diesel,6550 cm <sup>3</sup> , 99.5 kW (135 PS),16:1 Application 3040,1101, 1091, 1098, 1121, 1126, 2031,	6	107.210		623 WV 03 623 WV 08		
4	PG/004	<b>Comet 9140</b> R 4 Diesel,4370 cm <sup>3</sup> , 66 kW (90 PS),16:1, Application 3040,1101, 1091, 1098, 1121, 1126, 2031,	4	107.210		623 WV 03 623 WV 08		
5	PG/005	<b>94 T1BX,Comet 9135</b> R 6 Diesel,6550 cm <sup>3</sup> , 110.5 kW (150 PS),15:1, Turbo Application 6025,3041/1,3046,3052,3051,3054,5068,6060 6060/1,1216,1127/5, Einbaumotor	6	107.210		623 WV 03 623 WV 08		

<b>PERKINS</b>								
1	PR/001	<b>4.108</b> R 4 Diesel,1760 cm <sup>3</sup> , 28-39 kW (38-53 PS),22:1, Application Einbaumotor	4	79.375	SU553201	043 WV 04	88 495 190 89 426 190	
2	PR/002	<b>4.108</b> R 4 Diesel,1760 cm <sup>3</sup> , 29.4-38 kW (40-52 PS),22:1, Application Einbaumotor	4	79.375		043 WV 32		
3	PR/003	<b>4.192/ A 4.192/ 6.288/ A 3.144/ P 3.144/ P 6.288/ PA/ PBPFF/PG</b>	4	88.925			88 364 110 88 364 190	
4	PR/004	<b>P 3.144</b> R 3 Diesel,2365 cm <sup>3</sup> , 22-28 kW (30-38 PS),16.5:1, Application Einbaumotor	4	88.925		043 WV 17		



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<b>PERKINS</b>								
5	PR/005	<b>P3/3.144, 4.192/6.288/P4/P6</b>	3	88.925	SJ8902 SU8900			
6	PR/006	<b>4.192/A4.192</b>	4					
7	PR/007	<b>P 4.192</b> R 4 Diesel,3150 cm <sup>3</sup> , 29-37 kW (40-50 PS),16.5:1, Application Einbaumotor	4	88.925		043 WV 17		
8	PR/008	<b>6.288</b>	6					
9	PR/009	<b>P 6.288</b> R 6 Diesel,4730 cm <sup>3</sup> , 61 kW (83 PS),16.5:1, Application Puma,Python,Panther	6	88.925		043 WV 17		
10	PR/010	<b>4.154</b>	4	88.925	SU351027			
11	PR/011	<b>AD 3.152</b> R 3 Diesel,2503 cm <sup>3</sup> , 31-42 kW (42-57 PS),18.5:1, Application Einbaumotor	3	91.480		043 WV 07 043 WV 29		
12	PR/012	<b>AD 4.203</b> R 4 Diesel,3300 cm <sup>3</sup> , 41 kW (56 PS),19:1, Injection Application Einbaumotor	4	91.480		043 WV 07 043 WV 29		
13	PR/013	<b>AD 3.152</b> R 3 Diesel,2503 cm <sup>3</sup> , 35.37 kW (47.50 PS),18.4,18.5:1, Application MF 231, MF 235, MF 238	3	91.480		043 WT 06 043 WV 07 043 WT 08 043 WT 09 043 WV 21 043 WV 25 043 WV 34 043 WT 40		
14	PR/014	<b>D 3.152</b> R 3 Diesel,2490 cm <sup>3</sup> , 31-35 kW (42-48 PS),18.4:1, Application MF 231, MF 235, MF 238, Einbaumotor	3	91.480		043 WT 06 043 WV 07 043 WT 08 043 WT 09 043 WV 21 043 WV 25 043 WV 34 043 WT 40		
15	PR/015	<b>T 3.152.4</b> R 3 Diesel,2503 cm <sup>3</sup> , 39 kW (53 PS),Turbo Application MF 231, MF 235, MF 238, Einbaumotor	3	91.480		043 WT 08 043 WV 07 043 WV 21 043 WT 40		
16	PR/016	<b>D 4.203</b> R 4 Diesel,3300 cm <sup>3</sup> , 40.5 kW (55 PS),18.6:1, Application Einbaumotor	4	91.480		043 WT 06 043 WV 07 043 WT 08 043 WT 09 043 WV 21 043 WV 25 043 WV 34		
17	PR/017	<b>3.152, P 3.152</b> R 3 Diesel,2490 cm <sup>3</sup> , 33 kW (45 PS),17.4:1, Application MF 231, MF 235, MF 238, Einbaumotor	3	91.480		043 WT 06 043 WV 07 043 WT 08 043 WT 09 043 WV 21 043 WV 25 043 WV 34 043 WT 40		
18	PR/018	<b>4.203, P4.203</b> R 4 Diesel,3300 cm <sup>3</sup> , 44 kW (60 PS),17.4:1, Application Einbaumotor	4	91.480		043 WT 06 043 WV 07 043 WT 08 043 WT 09 043 WV 21 043 WV 25 043 WV 34 043 WT 40		



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<b>PERKINS</b>								
19	PR/019	<b>6.305, P 6.305</b> R 6 Diesel, 5000 cm <sup>3</sup> , 66 kW (90 PS), 17.4:1, Application Einbaumotor	6	91.480		043 WT 06 043 WV 07 043 WT 08 043WT 09 043 WV 21 043 WV 25 043 WV 34 043 WT 40		
20	PR/020	<b>A 3.152</b> R 3 Diesel, 2503 cm <sup>3</sup> , 27-31 kW (37-42 PS), 17.4:1, Application MF 231, MF 235, MF 238, Einbaumotor	3	91.480		043 WT 06 043 WV 07 043 WT 08 043 WT 09 043 WV 21 043 WV 25 043 WV 34 043 WT 40		
21	PR/021	<b>A 3.152</b> R 3 Diesel, 2503 cm <sup>3</sup> , 29.5 kW (40 PS), 17.4:1, Application MF 231, MF 235, MF 238,	3	91.480		043 WT 06 043 WV 07 043 WT 08 043 WT 09 043 WV 21 043 WV 25 043 WV 34 043 WT 40		
22	PR/022	<b>3.152.2</b> R 3 Diesel, 2490 cm <sup>3</sup> , 31 kW (42 PS) Application Einbaumotor	3	91.480		043 WT 08		
23	PR/023	<b>4.203.2</b> R 4 Diesel, 3297 cm <sup>3</sup> , 42 kW (57 PS) Application Einbaumotor	4	91.480		043 WT 08		
24	PR/024	<b>D 3.152/ D 4.203</b>	3,4	91.480			88 552 110 88 363 190 89 042 190	
25	PR/025	<b>T 3.152.4</b>	3	91.480			88 552 110 88 363 190 89 042 190	
26	PR/026	<b>3.152/ 4.203/ 6.305/ A 3.152/ A 4.203/ A 6.305</b>	3	91.480			88 552 110 88 363 190 89 042 190	
27	PR/027	<b>AD 3.152/ AD 4.203/ D 3.152/ D 4.203</b>	3,4	91.480			88 552 110 88 363 190 89 042 190	
28	PR/028	<b>3.152/A3.152</b>	3	91.491	KT3600FP KT3600FPX1 KT3600FPX2 KT3601FP SJ546900 SU530201			
29	PR/029	<b>D3.152/AD3.152</b>	3	91.491	SJ546900 KT3600FP			
30	PR/030	<b>D4.203/AD4.203</b>	4	91.491	KT3600FPX1 KT3600FPX2 KT3601FP SU530201			
31	PR/031	<b>4.203/A4.203</b>	4	91.491	KT3600FP KT3600FPX1			
32	PR/032	<b>6.305</b>	6	91.491	KT3600FPX2 KT3601FP SJ546900 SU530201 SU628201			



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<b>PERKINS</b>								
33	PR/033	<b>4.203.2</b>	4	91.491	SJ546900 KT3600FP KT3600FPX1 KT3600FPX2 SU530201			
34	PR/034	<b>4.165</b> R 4 Diesel, 2710 cm <sup>3</sup> , 37-48 kW (50-65 PS), 21:1 Application Einbaumotor	4	92.000	SJ351176 SU351104	043 WV 37		
35	PR/035	<b>4.165</b>	4	92.000			89 025 190	
36	PR/036	<b>A4.212</b>	4	98.476	SJ584201 SJ351150 SU569200			
37	PR/037	<b>4.236</b>	4	98.476	SJ351150 SJ584201 SU538101 SU569200			
38	PR/038	<b>T4.236</b>	4	98.476	SJ351150 SJ584201 SU538101 SU569200			
39	PR/039	<b>6.354</b>	6	98.476	SJ351150 SJ584201 SU538101 SU569200			
40	PR/040	<b>T6.354/T6.354.1</b>	6	98.476	SJ584201 SJ351150 SU538101			
41	PR/041	<b>6.354.2</b>	6	98.476	SJ351150 SJ584201 SU58101			
42	PR/042	<b>T6.354.3</b>	6	98.476	SJ351150 SJ584201 SU351178 SU538101			
43	PR/043	<b>6.354.4</b>	6	98.476	SJ584201 SJ351150 SU538101 SU569200 SU351178			
44	PR/044	<b>T6.354.4</b>	6	98.476	SJ584201 SJ351150 SU351178			
45	PR/045	<b>6.354.1, 6.354.3, 6.354.4</b> R 6 Diesel, Turbo Application Einbaumotor	6	98.480		043 WV 39		
46	PR/046	<b>T 6.354</b> R 6 Diesel, Turbo Application Einbaumotor	6	98.480		043 WV 36		
47	PR/047	<b>4.212</b> R 4 Diesel, 3475 cm <sup>3</sup> , 44-47 kW (60-64 PS), 15.5:1, Motor-Nr ... 712 UA 87004 Application Einbaumotor	4	98.480		043 WV 12 043 WT 13 043 WV 36 043 WV 39		
48	PR/048	<b>T 4.236, T 4.38</b> R 4 Diesel, 3864 cm <sup>3</sup> , 49-58 kW (67-79 PS), 15.25:1, Turbo Application Einbaumotor	4	98.480		043 WV 11 043 WV 12 043 WT 13 043 WV 36		
49	PR/049	<b>T 4.236, T 4.38</b> R 4 Diesel, 3864 cm <sup>3</sup> , 49-58 kW (67-79 PS), 15.25:1, Turbo Application Einbaumotor	4	98.480		043 WV 39		



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<b>PERKINS</b>								
50	PR/050	<b>6.354 V</b> R 6 Diesel,5794 cm <sup>3</sup> , 71.5-87 kW (97-118 PS),16:1, Application Einbaumotor	6	98.480		043 WV 11 043 WV 12 043 WT 13		
51	PR/051	<b>6.354 V</b> R 6 Diesel,5794 cm <sup>3</sup> , 71.5-87 kW (97-118 PS),16:1, Application Einbaumotor	6	98.480		043 WV 36 043 WV 39		
52	PR/052	<b>6.354.2, 6.354.4</b> R 6 Diesel,5794 cm <sup>3</sup> , 84.5-87 kW (115-118 PS),16:1, Application Einbaumotor	6	98.480		043 WV 11 043 WV 12 043 WT 13 043 WV 36		
53	PR/053	<b>6.354.4</b> R 6 Diesel,5794 cm <sup>3</sup> , 77-92 kW (105-122 PS),16:1, Application 2620	6	98.480		043 WV 12 043 WV 36		
54	PR/054	<b>AD 4.236</b> R 4 Diesel,3864 cm <sup>3</sup> , 48-60 kW (59-80 PS),16:1 Application Einbaumotor	4	98.480		043 WV 11 043 WV 12 043 WT 13 043 WV 36		
55	PR/055	<b>D 39 C</b> R 4 Diesel,3864 cm <sup>3</sup> , 48-60 kW (65-82 PS),16:1 Application Einbaumotor	4	98.480		043 WV 11 043 WV 12 043 WT 13 043 WV 36		
56	PR/056	<b>AD 4.236</b> R 4 Diesel,3864 cm <sup>3</sup> , 48-60 kW (59-80 PS),16:1 Application Einbaumotor	4	98.480		043 WV 39		
57	PR/057	<b>D 39 C</b> R 4 Diesel,3864 cm <sup>3</sup> , 48-60 kW (65-82 PS),16:1 Application Einbaumotor	4	98.480		043 WV 39		
58	PR/058	<b>4.236/4.212</b> R 4 Diesel,3864 cm <sup>3</sup> , 48-60 kW (65-82 PS),16:1 Application Einbaumotor	4	98.480		043 WV 12 043 WV 30 043 WV 36 043 WV 39		
59	PR/059	<b>4.236/ 6.354</b> R 4 Diesel,3864 cm <sup>3</sup> , 48-60 kW (65-82 PS),16:1 Application Einbaumotor	4	98.480		043 WV 12 043 WV 30 043 WV 36 043 WV 39		
60	PR/060	<b>6.354/ 4.212</b> R 6 Diesel,5794 cm <sup>3</sup> , 71-82 kW (97-112 PS),16:1, Application Einbaumotor	6	98.480		043 WV 12 043 WV 30 043 WV 36 043 WV 39		
61	PR/061	<b>6.354.4</b> R 6 Diesel,5794 cm <sup>3</sup> ,16:1, Application Einbaumotor	6	98.480		043 WV 12 043 WV 36		
62	PR/062	<b>AD 4.236</b> R 4 Diesel,3864 cm <sup>3</sup> , 48-60 kW (59-80 PS),16:1 Application Einbaumotor	4	98.480		043 WV 11 043 WV 12 043 WT 13 043 WV 36		
63	PR/063	<b>D 39 C</b> R 4 Diesel,3864 cm <sup>3</sup> , 48-60 kW (65-82 PS),16:1 Application Einbaumotor	4	98.480		043 WV 11 043 WV 12 043 WT 13 04 3WV 36		
64	PR/064	<b>6.354.2/ 6.354.4/ A 6.354.2/ A 6.354.4/ T 6.354.3</b>	6	98.480			88 354 190 88 355 190 88 356 110	
65	PR/065	<b>6.354.4</b>	6	98.480			88 354 190 88 355 190 88 356 110	



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<b>PERKINS</b>								
66	PR/066	<b>6.354.4/ A 6.354.4</b>	6	98.480			88 354 190 88 355 190 88 356 110	
67	PR/067	<b>4.236/ A 4.236/ AD 4.236</b>	4	98.480			88 354 190 88 355 190 88 356 110 89 514 190	
68	PR/068	<b>4.212/ A 4.212</b>	4	98.480			88 354 190 88 355 190 88 356 110	
69	PR/069	<b>AT 4.236/ T 4.236</b>	4	98.480			88 354 190 88 355 190 88 356 110 89 514 190	
70	PR/070	<b>T 4.236/ T 4.38</b>	4	98.480			88 355 190 88 356 110	
71	PR/071	<b>6.354 / 6.354 V/ A 6.354.1</b>	6	98.480			88 354 190 88 355 190 88 356 110	
72	PR/072	<b>AT 6.354.4/ T 6.354.4</b>	6	98.480			88 355 190 88 356 110	
73	PR/073	<b>T 4.40 Euro 1/ T 6.60(88 kW)/ T 6.60(154kW)</b>		100.000			89 527 190 89 555 190 89 320 190 89 320 110	
74	PR/074	<b>1106C-E60TA Euro2/ T 4.40 Euro2/ T 6.60(120 kW) Euro2</b>		100.000			89 527 190 89 555 190 89 320 190 89 320 110	
75	PR/075	<b>4.40/ 1004/ 1006</b>	4	100.000	SJ351306			
76	PR/076	<b>6.60</b>	6					
77	PR/077	<b>T4.40</b>	4	100.000	SJ351306			
78	PR/078	<b>C4.40</b>	4					
79	PR/079	<b>T6.60</b>	6					
80	PR/080	<b>CC6.60</b>	6					
81	PR/081	<b>4.248</b>	4	101.054			88 587 190 89 022 190	
82	PR/082	<b>4.248.2</b>	4	101.054			88 587 190 89 022 190	
83	PR/083	<b>6.372/ 6.372.4</b>	6	101.054			88 587 190 89 022 190	
84	PR/084	<b>4.248</b>	4	101.054	SJ351166 SU351026 SU351078			
85	PR/085	<b>4.248.2</b>	4	101.054	SJ351166 SU351026 SU351078			
86	PR/086	<b>6.372</b> R 6 Diesel,6100 cm <sup>3</sup> , 87 kW (118 PS),16:1, Application Einbaumotor	6	101.054		043 WV 20 043 WV 14		



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<b>PERKINS</b>								
88	PR/088	<b>4.248</b> R 4 Diesel,4064 cm <sup>3</sup> , 53-61 kW (72-83 PS),16:1 Application Einbaumotor	4	101.054		043 WV 20 043 WV 14 043 WV 31		
89	PR/089	<b>4.248.2</b> R 4 Diesel,4067 cm <sup>3</sup> , 60 kW (81.5 PS),18:1 Application Einbaumotor	4	101.054		043 WV 20 043 WV 14		
90	PR/090	<b>4.248</b> R 4 Diesel,4064 cm <sup>3</sup> , 53-61 kW (72-83 PS),16:1 Application Einbaumotor	4	101.054		043 WV 20 043 WV 14		
91	PR/091	<b>V8.510/AV8.510</b>	8	107.950	SJ351207			
92	PR/092	<b>V8.540</b>	8	107.950	SJ351207			
93	PR/093	<b>4.318</b>	4	114.313	SJ351192 SU351193			
94	PR/094	<b>4.108</b>	4	3.1250"				31358117
95	PR/095	<b>P3/3.144</b>	3	3.5010"				31358119
96	PR/096	<b>4.192/A4.192</b>	4					
97	PR/097	<b>6.288</b>	6					
98	PR/098	<b>3.152/A3.152</b>	3	3.6020"				31358345 31358323
99	PR/099	<b>4.203/A4.203</b>	4					
100	PR/100	<b>6.305</b>	6					
101	PR/101	<b>4.212/4.236</b>	4	3.8770"				31358341 31358393
102	PR/102	<b>6.354</b>	6	3.8770"				31358327 31358339  31358324  3135X032 3135X031
103	PR/103	<b>4.4/T4.4/C4.4</b>	4	3.9370"				3135X042 3135X041
104	PR/104	<b>6.6/T6.6/C6.6</b>	6					
105	PR/105	<b>4.248</b>	4	3.9875"				31358352 31358346
106	PR/106	<b>6.372</b>	6	3.9875"				31358343
107	PR/107	<b>V8.510/AV8.510</b>	8	4.2500"				31358905
108	PR/108	<b>4.318</b>	4	4.5000"				31358534 31358533
<b>PETTER</b>								
1	PT/001	<b>PAZ1</b>	1	76.200	SU498601			
2	PT/002	<b>AV1 (1CYL) / AV2 (2CYL) (WL)</b>	1,2	80.000	SU625101 SU625103 SJ112902 (WL)			
3	PT/003	<b>AVA1 (1CYL) / AVA2 (2CYL)</b>	1,2	80.101	SJ351266 (A/C)			
4	PT/004	<b>CA1</b>		80.000				
5	PT/005	<b>JA1</b>		85.000				

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