

**MERCEDES-BENZ**

ENGINE	Bore	REF. NO.	Surface	Characters	PIN OD	PIN L	KH	GL	MT	MΦ	Material	Thickness
OM622.951 R9M	80	120A10010R 021PI00125000 40892600 87-424900-00	Graphite	ALFIN, OIL GALLERY	30	60	46	70.5	12.39	46.5	AL	ET2.0 1.75 2.0
OM654	82.009	41829600 A6540302900	Phosphating	OIL GALLERY	30	48	35.15	55.75	13.9	48.2	Steel	
80-1012	83.000		GRAPHITE	ALFIN OIL GALLERY COPPER BUSH	30.000	66.00		75.500		57.80		2 1.75 2
6202	83.000		GRAPHITE	ALFIN OIL GALLERY COPPER BUSH	30.000	66.00		79.000		49.20		2 1.75 2
OM603	87.000	MAHLE0029300 KSNO:94330600 6010302217	PHOSPHATE	ALFIN STEEL IN	26.000	55.00		74.850		/		2.5 2 3
OM612	88	2243364	Phosphating, Graphite	ALFIN, OIL GALLERY	30	70	42.3	68.3	13.7	43.5	AL	2.5R 2 3
80-1014	88.000		PHOSPHATE& GRAPHITE	ALFIN OIL GALLERY	30.000	70.00		68.300		43.10		2.5 2 3
OM648	88			ALFIN OIL GALLERY	30	70		72				2.5 2.0 3.0
A272	88				22	48		56				1.5 1.75 2.5
OM611	88.5	87-117907-42(+0.5)	Phosphating, Graphite	ALFIN, OIL GALLERY	30	70	42.3	72.3	13.8	43.5		2.5 2.0 3.0
OM601/OM602	89	0022400	Phosphating, Oxidizing	ALFIN	26	62	44.65	74.65	9.05			2.5 2 3
OM601	89.000	MAHLE:0022492 89V50	PHOSPHATE& GRAPHITE	ALFIN STEEL IN	26.000	62.00		74.650		/		2.5 2 3
OM601	89.000	6010301817 KSNO:91372600 MAHLE:0022400	PHOSPHATE	ALFIN STEEL IN	26.000	62.00		74.650		/		2.5 2 3
OM602	89				28	70		74.8				2.5 2.0 3.0
OM410-422 OM401-409	90	87-404500 88-70478 88-404500	Phosphating, Graphite	None	20	60	35	57.5			AL	2.5 2.5 4.0
OM616	90.9	0024900	Phosphating, Graphite	ALFIN	26	74	48.35	81.85	8.85			3.0 2.0 4.0
M111	90.9	0010700	Phosphating, Graphite	None	22	56	30	57.9				1.5 1.75 3
OM616	90.900	MAHLE:0024900 91V13	PHOSPHATE& GRAPHITE	ALFIN STEEL IN	26.000	74.00		81.850		/		3 2 4
OM616	90.900	6160306417 MAHLE:0024900 KSNO:93444600	PHOSPHATE	ALFIN STEEL IN	26.000	74.00		81.860		/		3 2 4
W164	92				22	52		50.8				1.5 1.75 2.5

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OM352A	97	0045000	Phosphating、Graphite	ALFIN	36	82.5	65.2	105.2	20	55	AL	2.5T 2.5 4
OM352	97	0044510	Phosphating、Graphite	ALFIN	36	82.5	65.2	115.7	20	55	AL	3T 3 3 5.5 5.5
OM314A	97	0045400	Phosphating、Graphite	ALFIN	36	82.5	65.2	105.2	21.5	55		2.5T 2.5 4
OM314	97		Graphite	ALFIN	36	82.5	65.2	115.64	18	61	AL	3T 3 3 5.5
OM352 五环	97	0044510 90274800(KS)	Phosphating、Graphite	ALFIN	36	82.5	65.2	115.7	20	55	AL	3T 3 3 5.5 5.5
OM352A	97.000		PHOSPHATE GRAPHITE	ALFIN	36.000	82.50		105.200		55.00		2.5K 2.5 4
OM352A	97.000	KSNO:93750600	PHOSPHATE GRAPHITE	ALFIN	36.000	82.50		105.200		55.00		2.5K 2.5 4
OM352	97.000	MAHLE:0044502 KSNO:90274800	PHOSPHATE GRAPHITE	ALFIN	36.000	82.50		115.700		55.00		3.0K 3 3 5.5 5.5
OM352	97.000		PHOSPHATE GRAPHITE	ALFIN	36.000	82.50		115.700		55.00		3.0K 3 3 5.5 5.5
OM352	97.000		PHOSPHATE GRAPHITE	ALFIN STEEL IN	36.000	82.50		115.300		55.00		3.0K 3 3 5.5 5.5
OM352A	97.000		PHOSPHATE GRAPHITE	ALFIN STEEL IN	36.000	82.50		105.200		55.00		2.5K 2.5 4
OM314	97				36	82.5		105.2				2.5DK T6 2.5 4.0
OM364 OM366	97.5	0028000	Phosphating、Graphite	ALFIN	36	82.5	62.8	108	22.7	48	AL	2.5T 2.5 4
OM364A	97.5	0029900, 92525600	Phosphating、Graphite	ALFIN	36	82.5	62.8	107.8	22.6	54.65	AL	2.5T 2.5 4
OM364A	97.5	0027900 93831606 3660302717 87-740000-50 3660302617	Phosphating、Graphite	ALFIN	36	82.5	62.8	107.5	22.35	56	AL	2.5T 2.5 4
OM364A OM366A	97.5	0030200 P510400 3900501	Phosphating、Graphite	ALFIN	36	82.5	62.8	107.8	23	53.4	AL	2.5T 2.5 4

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OM364LA	97.5	0029930	Phosphating、Graphite	ALFIN	36	82.5	61.9	106.9	22.6	54.65	AL	2.5T 2.5 4
OM366A	97.500	87-740000-10	PHOSPHATE GRAPHITE	ALFIN	36.000	82.50		106.900		54.70		2.5K 2.5 4
OM364	97.500		PHOSPHATE GRAPHITE	ALFIN	36.000	82.50		107.800		48.00		2.5K 2.5 4
OM364/OM366	97.500	MAHLE:0030200 87-740000-50	PHOSPHATE GRAPHITE	ALFIN	36.000	82.50		107.800		55.60		2.5K 2.5 4
OM366LA	97.500	MAHLE: 0030290	PHOSPHATE GRAPHITE	ALFIN	36.000	82.50		107.800		54.70		2.5K 2.5 4
OM366A	97.500		PHOSPHATE GRAPHITE	ALFIN	36.000	82.50		108.000		52.70		2.5K 2.5 4
OM366A	97.500		PHOSPHATE GRAPHITE	ALFIN	36.000	82.50		108.000		54.50		2.5K 2.5 4
OM356	97.5				36	82.5		107.8				2.5DK T6 2.5 4.0
OM364	97.5				36	82.5		107.8				2.5DK T6 2.5 4.0
OM904	102	0039700 94971600 87-289300-10 87- 289350-02	Phosphating、Graphite	ALFIN	42	80	64.4	102.5	13.8	73.3	AL	3T 2.5 4
OM905	102.000	A9060373601	PHOSPHATE GRAPHITE	ALFIN	40.000	78.00		102.400		73.23		3.0K 2.5 4
OM904	102.000	A9060378101	PHOSPHATE GRAPHITE ANODIZED	ALFIN	42.000	80.00		102.400		73.23		3.0K 2.5 4
OM904	102.000		PHOSPHATE GRAPHITE	ALFIN	42.000	80.00		102.600		73.23		3.0K 2.5 4
OM924 OM926	106	E48690	Phosphating、Graphite	ALFIN、OIL GALLERY	42	80	61.4	98.4	12.56	80	AL	
OM360	115	0051000 93508600 87-176400-00	Phosphating、Graphite	ALFIN	42	98	85.3	133.3	22	65	AL	3T 3 5.5
OM402 N	125	0034500	Phosphating、Graphite	ALFIN	46	97	87.25	137.25	23.5	65	AL	3T 3 6
OM402 T	125	0036200	Phosphating、Graphite Oxidizing	ALFIN	46	102	87.35	133.35	25	68	AL	3T 3 4
OM402	125	87-050500-00	Phosphating、Graphite	ALFIN								
OM470	125	87-865100-02	Phosphating、Graphite	OIL GALLERY	55	81.5	68	105	14.4	91	Steel	
OM470	125		Phosphating、Graphite	OIL GALLERY	55	81.5	68	102	14.22	88	Steel	
OM403	125.000	OM403/0034500	PHOSPHATE GRAPHITE	ALFIN	46.000	97.00		137.250		65.00		3.0K 3 6
OM470	125	87-865100-02			55	81.5		105				

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BENZ125 BLACK	125				46	105		142				3.45DK 3.0 5.0
OM421 OM424 OM443	128	0039100 128L101 87-179300-32	Phosphating、 Graphite Oxidizing	ALFIN、 OIL GALLERY	46	105	81.45	126.45	27.4	66.35	AL	3T 3 4
OM441 OM442 OM443	128	0037600	Phosphating、 Graphite Oxidizing	ALFIN	46	105	81.35	126.35	27.5	66.5	AL	3 3 4
OM423	128	0036610	Phosphating、 Graphite Oxidizing	ALFIN	46	99	81.35	126.35	24.1	70	AL	3 3 4
OM422T	128	0037600 90220602 128L75	Phosphating、 Graphite Oxidizing	ALFIN、 Copper Bush	46	105	81.35	126.35	27.5	66.5	AL	3 3 4
OM355	128	0035400 93568600 87-176900-00 A3450301017	Phosphating、 Graphite	ALFIN	48	108	90.26	161.26	27	70	AL	3.5T 3.5 3.5 6.5
OM422	128	0039200	Phosphating、 Graphite Oxidizing	ALFIN	46	105	81.4	126.4	23	65	AL	3T 3 4
OM423	128	0036700	Phosphating、 Graphite	ALFIN	46	105	81.35	126.35	25.4	70	AL	3T 3 4
OM443	128	0039300 80-1050-00	Graphite、 Oxidizing	ALFIN、 OIL GALLERY	46	105	81.4	126.4	24.5	67	AL	3T 3 4
OM355	128	0035400 93568600 87-176900-00 A3450301017	Phosphating、 Graphite	ALFIN	48	108	90.26	161.26	27	70	AL	3.5T 3.5 3.5 6.5
OM422	128	0032100	Phosphating、 Graphite Oxidizing	ALFIN	46	105	81.35	126.35	24.5	66.7	AL	3.0T 3.0M 4.0
OM447	128	0038500	Phosphating、 Graphite	ALFIN	46	105	90	140	24	75		3T 3 4
128	128	87-051200-00	Phosphating、 Graphite Oxidizing	ALFIN								
OM422	128	8717930015 (无内冷)	Phosphating、 Graphite	ALFIN	46	105	81.44	126.34	24.36	66.6	AL	3T 3 4
OM457	128	A4570303617 A4570304717 0053200	Phosphating、 Graphite	ALFIN、 OIL GALLERY Copper Bush	52	103	85.05	135.05	17.71	87	AL	T3 3 4
OM442	128		Phosphating、 Graphite Oxidizing	ALFIN							AL	
OM457	128	8711580000 128P26	Phosphating、 Graphite	ALFIN、 OIL GALLERY	52	96	90	140	18	89.5	AL	3T 3 4
OM422T	128	94512600 0046600	Phosphating、 Graphite	ALFIN	46	105	81.1	126	26.8	66.5	AL	3T 3 4
OM355	128	87-860000-02 87-70516-STD A	Phosphating、 Graphite	ALFIN	48	103	90.56	140.56	23	77	AL	T3 2.5 4.0
OM355 EURO II	128	87-877600-003 87-70516-STD	Phosphating、 Graphite	ALFIN	48	103	90.56	140.56	23	77	AL	3T 2.5 4

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OM457	128	0046100 0052500 ?	Phosphating, Graphite	ALFIN, OIL GALLERY	52	103	90	140	16	93	AL	T3 3.0 4.0
OM460	128	0040900 4600300301 A4600300017 A4600300117 A4600300201 40264600 4600300401 4600300501 4600300801 4600301401 4600370401	Graphite, Oxidizing	ALFIN, OIL GALLERY Copper Bush	52	103	79.55	129.55	17.75	93.1	AL	3T 3 4
OM355	128	0036500 A3450300017	Phosphating, Graphite	ALFIN	48	108	90.26	161	28.5	70	AL	3T 3.5 3.5 6.5
OM422A	128.000	OEM 4220300617 KS No.93485600 MAHLE:0036700	PHOSPHATE GRAPHITE	ALFIN	46.000	105.00		126.350		70.00		3.0K 3 4
OM444	128.000		PHOSPHATE GRAPHITE	ALFIN	46.000	105.00		126.350		67.20		3.0K 3 4
OM421	128.000	4230300617 KS No.93484602 MAHLE:0036610	PHOSPHATE GRAPHITE	ALFIN	46.000	99.00		126.350		70.00		3.0K 3 4
OM421	128.000	MAHLE: 0036610 1650003	PHOSPHATE GRAPHITE	ALFIN	46.000	99.00		126.350		70.00		3.0K 3 4
OM442	128.000	MAHLE:0039100	PHOSPHATE GRAPHITE ANODIZED	ALFIN OIL GALLERY	46.000	105.00		126.450		66.20		3.0K 3 4
OM442	128.000	MAHLE:0037000 128L101	PHOSPHATE GRAPHITE ANODIZED	ALFIN OIL GALLERY	46.000	105.00		126.450		66.90		3.0K 3 4
OM457	128.000	MAHLE NO:0052800	PHOSPHATE GRAPHITE	ALFIN OIL GALLERY	52.000	103.00		140.000		92.40		3.0K 3 4
OM355A	128.000	MAHLE: 0036500	PHOSPHATE GRAPHITE	ALFIN	48.000	108.00		161.260		69.90		3.5K 3.5 3.5 6.5
OM355	128.000	MAHLE:0035400 136/176.5KW(185/240PS)	PHOSPHATE GRAPHITE	ALFIN	48.000	108.00		161.260		69.90		3.5K 3.5 3.5 6.5
OM443	130	0037800 0037810	Phosphating, Graphite Oxidizing	ALFIN	46	99	81.2	126.05	27.2	60.5	AL	3R 3M 4
ACTROS	130	0052600 0012300 99378600 40448601	Graphite	ALFIN, OIL GALLERY Copper Bush	52	103	78.55	123.55	16.25	92.9	AL	3T 3 4
OM501LA OM502LA	130	8970530 87-136000-00	Phosphating, Graphite	ALFIN, OIL GALLERY Copper Bush	52	103	78.55	119.5	16.5	93	AL	3T 3 4
OM501LA OM502LA ACTROS2	130	8970530 87-136000-22	Phosphating, Graphite	ALFIN, OIL GALLERY	52	103	78.55	119.5	16.5	89		3 3 4
OM541	130	0046700 A5410304017	Graphite	ALFIN, OIL GALLERY Copper Bush	52	103	78.55	124	17.5	87	AL	3T 3 4

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OM542LA	130.000	MAHLE:0052600	GRAPHITE	ALFIN OIL GALLERY COPPER BUSH	52.000	103.00		123.550		92.90		3.0K 3 4
OM471	132	A4710302217 A4710371601 001PI00191000	Phosphating、 Graphite	OIL GALLERY	58	88	75	113	17.2	94	Steel	T3.5 2.5 3.5
OM472	139	A4720371101	Phosphating、 Graphite	OIL GALLERY							Steel	
OM472	139	A 4720302717	Phosphating、 Graphite	OIL GALLERY	62	92	81.5	122.4	17	100		3.4T 2.5 4.0
OM472	139	A4720371801	Phosphating、 Graphite	OIL GALLERY	62	92	81.4	119.5	16	109.9	Steel	3.5T 2.5 3.5

