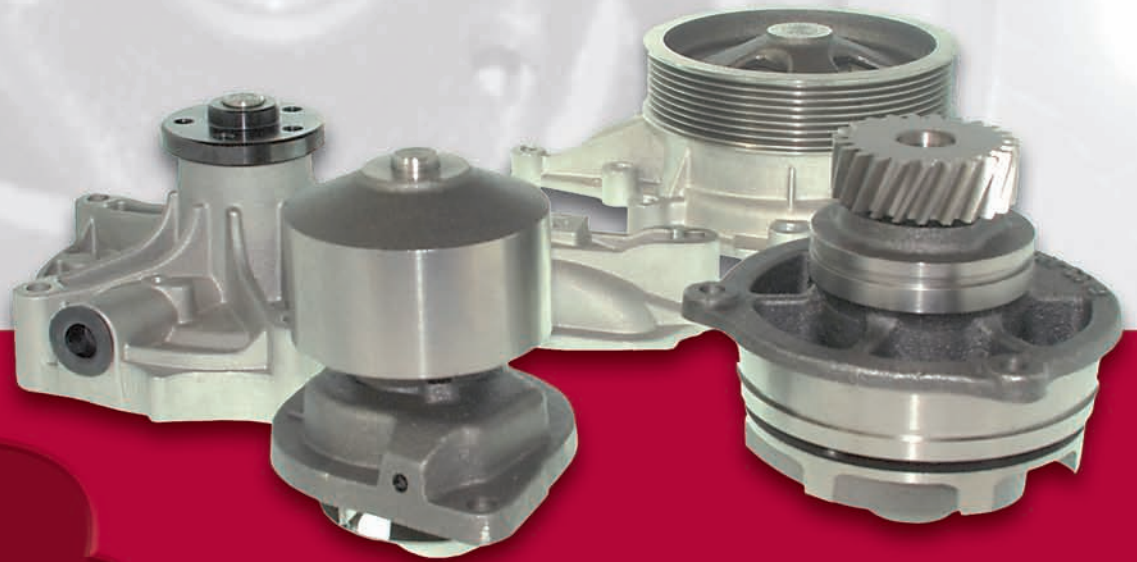




MERITOR®

WATER PUMPS



**Pompe à eau
Wasserpumpe
Pompa acqua
Waterpomp
Bomba de agua
Pompy wody
Насосы охлаждающей жидкости
Bomba de água
مضخة مياه**

June 2012

CONTENT

CONTENU · INHALT · CONTENUTO · INHOUD · CONTENIDO · ZAWARTOŚĆ · СОДЕРЖАНИЕ · CONTEÚDO · المحتويات



1. GLOSSARY	2
Vocabulaire	
Glossar	
Vocabolario	
Verklarende woordenlijst	
Glosario	
Słownictwo	
Глоссарий	
Glossário	
قائمة المصطلحات	
2. BUYERS GUIDE	5
Guide Acheteurs	
Teileverwendung	
Guida degli Acquisti	
Kopersgids	
Guía de compras	
Zastosowanie części	
Инструкции для покупателя	
Guia do comprador	
دليل المشتري	
3. CROSS REFERENCE	61
Liste d'Equivalences	
Umcodierungen	
Trascodifica	
Kruisverwijzing	
Referencia cruzada	
Zamienniki	
Таблицы соответствия	
Referência cruzada	
الإسناد التوافقي	
3. COOLING SYSTEM FAILURE AND SOLUTIONS	71
Pannes du système de refroidissement et solutions	
Kühlsystem - Defekte und Lösungen	
Guasti e soluzioni per il sistema di raffreddamento	
Koelsysteem problemen en oplossingen	
Avería en el sistema de refrigeración y soluciones	
Wykrywanie i rozwiązywanie problemów z systemem chłodzenia	
Охлаждающая система. Неполадки и способы их устранения	
Falhas e Soluções do Sistema de Refrigeração	
حلول وفشل نظام التبريد	

1



2



3



4



1



2



3



4



	(GB)	(F)	(D)	(I)	(NL)
	Water Pump	Détail Modèle	Modellangabe	Dettaglio Modello	Modelgegevens
	Van	Camionnette	Kastenwagen	Furgone	Bestelwagen
	Truck	Camions	LKW	Camion	Vrachtwagen
	Bus	Bus	Bus	Autobus	Bus
	Model Detail	Détail Modèle	Modellangabe	Dettaglio Modello	Modelgegevens
	Engine Number	Numéro du moteur	Motornummer	Numero motore	Motornummer
	Year	Année	Jahr	Anno	Jaar
	Original Equipment	Équipement d'origine	Originalausrüstung	Primo equipaggiamento	Oorspronkelijke uitrustingen
	Manufacturer	Constructeur	Hersteller	Costruttore	Fabrikant
	Cross Reference	Référence croisée	Querverweis	Trascodifica	Kruisverwijzing
	Competitor	Concurrent	Konkurrent	Concorrente	Concurrent
	Faults	Défauts	Fehler	Problemi	Faults
2.1	Manufacturers' numbers are for reference only	Les références constructeurs sont indiquées pour information uniquement	Die Fahrzeughersteller-Angaben dienen nur zu Vergleichszwecken	I dati della casa costruttrice servono solo a scopo comparativo	Fabrieksnummers dienen alleen ter informatie



	(E)	(PL)	(RU)	(P)	(UAE)
	Detalle Del Modelo	Model	Модель	Detalhe modelo	تفاصيل النموذج
	Furgoneta	samochód dostawczy	Микроавтобус	Camionete	شاحنة صغيرة
	Camión	Samochód ciężarowy	Грузовой автомобиль	Caminhão	شاحنة
	Autobús	Autobus	Автобус	Ônibus	أتوبيس
	Detalle Del Modelo	Model	Модель	Detalhe modelo	تفاصيل النموذج
	Número de motor	Numer silnika	Номер двигателя	Número do Motor	رقم المحرك
	Año	rok produkcji	Год выпуска	Ano	السنة
	Equipo original	Wyposażenie oryginalne	Оригинальное оборудование	Equipamento original	التجهيز الأصلي
	Fabricante	Producent	Производитель	Construtor	المصنّع
	Referencia cruzada	Odsyłacz	Перекрестная ссылка	Referência cruzada	الإحالة
	Competidor	Konkurencja	Конкурент	Concorrente	الجهة المنافسة
	Fallos	Awarie	Неполадки	Falhas	أخطاء
	Las referencias de los fabricantes son para consulta únicamente	Podane numery oryginalne służą tylko do celów porównawczych	Номера производителя служат только для сравнения	As referências construtor são dadas unicamente a título informativo	أرقام المصنّعين مدرجة كمرجع استرشادي فقط

1



2



3



4



1



2



3



4





1



2



3



4





CUMMINS

		CV	KW	C.C.			
	Serie B / B Series						
	3.9 4C. Turbodiesel	000	000	3900			MWP20006
	5.9 6C. Turbodiesel	000	000	5883			
	Serie C / C Series						
	8.3 6C. Turbodiesel	000	000	8300			MWP10004
	Serie L10 / L10 Series						
	10.0 6C. Turbodiesel 310E-330E	000	000	10020		91 →	MWP10003
	Serie M / M Series						
	M11 10.8 6C. Turbodiesel	000	000	10800		94 →	MWP10003
	Serie N / N Series						
	N14 14.0 Diesel 310-330-350-350-410	000	000	14000		99 →	MWP10001
	NTC300-350-400-475, Formula 300-350-400	000	000		BIG CAM IV		MWP10002



DAF

		CV	KW	C.C.				
	45							
	45.120	116	085	5580	CD85	91 – 00	MWP20006	
	45.130	131	096	5880	CN96,CS97M,CT97			
	45.130	132	097	5880	CS97M,CT97			
	45.150	146	107	5880	CT108,CB108			
	45.150	147	108	5880	CT108			
	45.160	162	119	5880	CS119,CT119	95 – 00		
	45.180	181	133	5880	CS113M			
	45.210	215	158	5880	CS158M			
	55							
	55.150	146	107	5880	CS107M	95 – 00		
	55.180	181	133	5880	CS133M			
	55.210	215	158	5880	CS158M			
	55.230	235	173	5880	CS173M			
 7 Aletas / 7 Vanes	LF45							
	45.140 (Euro IV-V)	140	103	4500	FR 103 S1	06 ->	MWP40005	
	45.160 (Euro IV-V)	160	118	4500	FR 118 S1			
	45.180 (Euro IV-V)	185	136	4500	FR 136 S1			
	LF55							
	55.160	160	118	4500	FR 118 S1	06 ->		
55.180	185	136	4500	FR 136 S1				
	75							
	FA 75.240	245	180	8650	RS 180 L,RS 180	92 – 98	MWP20007	
	FA 75.270	272	200	8650	RS 200 L,RS 200			
	FA 75.300	302	222	8650	RS 222 L,RS 222			
	FAG 75.240, FAN 75.240	245	180	8650	RS 180 L,RS 180			
	FAG 75.270, FAN 75.270	272	200	8650	RS 200 L,RS 200			
	FAG 75.300, FAN 75.300	302	222	8650	RS 222 L,RS 222			
	FAR 75.240, FAS 75.240	245	180	8650	RS 180 L,RS 180			
	FAR 75.270, FAS 75.270	272	200	8650	RS 200 L,RS 200			
	FAR 75.300, FAS 75.300	302	222	8650	RS 222 M,RS 222			
	FAT 75.270	272	200	8650	RS 200 L,RS 200			
	FAV 75.240	245	180	8650	RS 180 L,RS 180			
	FAV 75.270	272	200	8650	RS 200 L,RS 200			
	FT 75.240	245	180	8650	RS 180 L,RS 180			
	FT 75.270	272	200	8650	RS 200 L,RS 200			
FT 75.300	302	222	8650	RS 222 M,RS 222				





...DAF






CV




KW

C.C.










75 CF 							
75 250	249	183	9200	PF 183 M	98 - 00	MWP20008	
75 290	288	212	9200	PF 212 M			
75 320	320	235	9200	PF 235 M			
85 CF 							
85 340	340	250	12580	XF 250 M	98 - 00		
85 380	381	280	12580	XF 280 M			
85 430	428	315	12580	XF 315 M			
95 XF 							
95.380	381	280	12580	XF 280 M	97 - 02		
95.430	428	315	12580	XF 315 M			











600 							
600 CD (116CV)	116	085	5880	CD85	86 - 92	MWP20006	
800 							
800 CN (131CV)	131	096	5880	CN96	86 - 91		
800 CB (147CV)	147	108	5880	CB108	87 - 91		
1000 							
1000 CN (131CV)	131	096	5880	CN96	86 - 92		
1000 CB (147CV)	147	108	5880	CB108	87 - 92		



DETROIT DIESEL

		CV	KW	C.C.			
	Serie 60 / 60 Series 						
	Todos / All (Motor trasero / Rear mount)	000	000				90 → MWP30009

FORD

		CV	KW	C.C.			
	Serie 400-1100 						
	5.9 Diesel	000	000	5900	Cummins		90 – 97 MWP20006
	8.3 Diesel	000	000	8300	Cummins		93 – 97 MWP10004





IVECO

		CV	KW	C.C.				
EUROCARGO								
<p>7 Aletas / 7 Vanes</p>	60 E 13 K TECTOR	130	095	3920	F4AE0481D	00 →	MWP40005	
	65 E 15 TECTOR, 65 E 15 P TECTOR	149	110	3920	F4AE0481C			
	75 E 15 TECTOR	149	110	3920	F4AE0481C			
	75 E 17 K, 75 E 18 K TECTOR	170	125	3920	F4AE0481A...			
	75 E 18 K TECTOR	181	134	5880	F4AE0681E			
	80 EL 15 TECTOR	149	110	3920	F4AE0481C			
	80 E 17 K-KD / TECTOR	170	125	3920	F4AE0481A...			
	90 E 17 /TECTOR	170	125	3920	F4AE0481A...			
	90 E 18 /TECTOR	177	130	5880	F4AE0681E			
	90 E 18 K /TECTOR	181	134	5880	F4AE0681E			
	90 E 21 /TECTOR	209	154	5880	F4AE0681D...			
	100 E 17 /TECTOR	170	125	3920	F4AE0481A...			
	120 E 18 K TECTOR	182	134	3920	F4AE3481A	06 →		
	120 EL 21 /TECTOR	209	154	5880	F4AE0681C...	00 →		
	120 E 24 /TECTOR, 120 E 25 TECTOR	240	176	5880	F4AE0681B...			
	120 E 28 /K TECTOR	275	202	5880	F4AE0681A...	06 →		
	130 E 18 D TECTOR	182	134	3920	F4AE3481A			
	130 E 24 TECTOR	240	176	5880	F4AE0681B	00 →		
	130 E 28 K TECTOR	275	202	5880	F4AE0681A	05 →		
	140 E 18 K	181	134	5880	F4AE0681E			
	140 E 18 K TECTOR	182	134	3920	F4AE3481A	06 →		
	140 E 24 K TECTOR	240	176	5880	F4AE0681B	00 →		
	150 E 18 TECTOR	181	134	5880	F4AE0681E			
150 E 18 TECTOR	182	134	3920	F4AE3481A	06 →			
150 E 24 TECTOR, 150 E 25 TECTOR	240	176	5880	F4AE0681B...	00 →			
150 E 28 K TECTOR	275	202	5880	F4AE0681A...				
180 E 21 TECTOR	209	154	5880	F4AE0681D...				
180 E 24, 180 E 25 TECTOR	240	176	5880	F4AE0681B...				
180 E 28 TECTOR	275	202	5880	F4AE0681A...				
320 E 28 TECTOR	275	202	5880	F4AE0681A				
EUROSTAR								
<p>23</p>	LD 190 E 38 P	375	276	9500	8460.41L.TCA	93 - 02	MWP40010	
	LD 240 E 38	375	276	9500	8460.41L.5020			
	LD 260 E 38 P	375	276	9500	8460.41L.TCA			
	LD 400 E 38 TXP, LD 440 E 38 TXP	375	276	9500	8460.41L.5020,8			
	LD 440 E 38 T	375	276	9500	8460.41L.TCA			
	LD 440 E 38 TZ	375	276	9500	8460.41L.TCA			



...IVECO

		CV	KW	C.C.			
EUROTECH							
	MP 180 E 34	345	254	9500	8460.41K.406	92 – 93	MWP40010
	MP 180 E 38	375	276	9500	8460.41L.5020		
	MP 190 E 34	345	254	9500	8460.41K.406	93 – 02	
	MP 190 E 38	375	276	9500	8460.41L.TCA		
	MP 240 E 30 PS	301	221	9500	8460.41C.TCA	97 – 02	
	MP 240 E 34	345	254	9500	8460.41K.TCA	95 – 96	
	MP 240 E 38	375	276	9500	8460.41L.5020	92 – 02	
	MP 260 E 38 P	375	276	9500	8460.41N...	94 – 02	
	MP 400 E 34 T, MP 440 E 34 T	345	254	9500	8460.41K.406	92 – 02	
	MP 400 E38T, 440 E38T, 440 E38T /P	375	276	9500	8460.41L /41N		
	MP 400 E 38 TXP	375	276	9500	8460.41L /41N	93 – 96	
	MP 440 E 38 TZ	375	276	9500	8460.41L TCA	93 – 02	
	MT 180 E 30 R	301	221	9500	8460.41C.320	92 – 96	
	MT 180 E 34 R	345	254	9500	8460.41K.406	92 – 93	
	MT 190 E 30	301	221	9500	8460.41C.320	97 – 98	
	MT 190 E 30 K	301	221	9500	8460.41C.320		
	MT 400 E 30 T	301	221	9500	8460.41C.320	92 – 98	
	MT 400 E 34 T	345	254	9500	8460.41K.406		
EUROTRAKKER							
	MP 400 E 34 HT	345	254	9500	8460.41K.,8460.	93 – 04	
	MP 190 E 30 H	301	221	9500	8460.41C...		
	MP 190 E 30 W	301	221	9500	8460.41C...		
	MP 190 E 34 H	345	254	9500	8460.41K...		
	MP 190 E 34 W	345	254	9500	8460.41K...		
	MP 260 E 30 H	301	221	9500	8460.41C...		
	MP 260 E 34 H	345	254	9500	8460.41K...		
	MP 260 E 34 W	345	254	9500	8460.41K...		
	MP 340 E 34 H	345	254	9500	8460.41K...		
	MP 380 E 34 H	345	254	9500	8460.41K...		
	MP 440 E 34 HT	345	254	9500	8460.41K.TCA...		
TURBOTECH							
	190-32	318	234	9500	8460.41.102	90 – 92	
	190-32 T	318	234	9500	8460.41.102		



23

MWP40010



MAN

		CV	KW	C.C.			
	F2000						
	19.233 (+EDC)	231	170	11967	E 2866 DF01	98 →	
	19.293 (+EDC)	290	213	9973	D 2865 LF20,D 2	94 →	
	19.314 (+EDC)	310	228	11967	D 2866 LF34	98 →	
	19.323 (+EDC)	320	235	9973	D 2865 LF23	94 – 95	
	19.343 (+EDC)	340	250	9973	D 2865 LF21	94 →	
	19.364 (+EDC)	360	265	11967	D 2866 LF35	98 →	
	19.373 (+EDC)	370	272	11967	D 2866 LF21		
	19.403 (+EDC)	400	294	11967	D 2866 LF20	94 →	
	19.414 (+EDC)	409	301	11967	D 2866 LF31	98 →	
	19.423 (+EDC)	420	309	11967	D 2866 LF22		
	19.463 (+EDC)	460	338	12816	D 2876 LF02	94 →	
	19.464 (+EDC)	460	338	12816	D 2876 LF06	98 →	
	23.293 (+EDC)	290	213	9973	D 2865 LF20...		
	23.343 (+EDC)	340	250	9973	D 2865 LF21		
	23.403 (+EDC)	400	294	11967	D 2866 LF20	94 →	
	23.463 (+EDC)	460	338	12816	D 2876 LF02		
	24.273 (+EDC)	269	198	9973	D 2865 LF22	94 – 95	
	24.293 (+EDC)	290	213	9973	D 2865 LF24	94 →	
	24.323 (+EDC)	320	235	9973	D 2865 LF23	94 – 95	
	24.343 (+EDC)	340	250	9973	D 2865 LF21	94 →	MWP50015
	24.373 (+EDC)	370	272	11967	D 2866 LF21	94 – 95	
	24.403 (+EDC)	400	294	11967	D 2866 LF20	94 →	
	24.423 (+EDC)	420	309	11967	D 2866 LF22	94 – 95	
	24.463 (+EDC)	460	338	12816	D 2876 LF02	94 →	
	26.233 (+EDC)	231	170	11967	E 2866 DF01	96 →	
	26.273 (+EDC)	269	198	9973	D 2865 LF22	94 – 95	
	26.293 (+EDC)	290	213	9973	D 2865 LF20/24	94 →	
	26.323 (+EDC)	320	235	9973	D 2865 LF23	94 – 95	
	26.343 (+EDC)	340	250	9973	D 2865 LF21		
	26.343 (+EDC)	340	250	9973	D 2865 LF21	94 →	
	26.373 (+EDC)	370	272	11967	D 2866 LF21	94 – 95	
	26.403 (+EDC)	400	294	11967	D 2866 LF20	94 →	
	26.423 (+EDC)	420	309	11967	D 2866 LF22	94 – 95	
	26.463 (+EDC)	460	338	12816	D 2876 LF02	94 →	
	27.273 (+EDC)	269	198	9973	D 2865 LF22	94 – 95	
	27.293 (+EDC)	290	213	9973	D 2865 LF20/24	94 →	
	27.323 (+EDC)	320	235	9973	D 2865 LF23	94 – 95	
	27.343 (+EDC)	340	250	9973	D 2865 LF21		
	27.373 (+EDC)	370	272	11967	D 2866 LF21	94 →	





...MAN

		CV	KW	C.C.					
	...F2000								
	27.403 (+EDC)	400	294	11967	D 2866 LF20	94 ->	MWP50015		
	27.423 (+EDC)	420	309	11967	D 2866 LF22				
	27.463 (+EDC)	460	338	12816	D 2876 LF02				
	27.464 (+EDC)	460	338	12816	D 2876 LF06				
	32.293 (+EDC)	290	213	9973	D 2865 LF24	95 ->			
	32.343 (+EDC)	340	250	9973	D 2865 LF21				
	32.403 (+EDC)	400	294	11967	D 2866 LF20				
	32.463 (+EDC)	460	338	12816	D 2876 LF02	94 - 95			
	33.323 (+EDC)	320	235	9973	D 2865 LF23				
	33.343 (+EDC)	340	250	9973	D 2865 LF21	94 ->			
	33.373 (+EDC)	370	272	11967	D 2866 LF21				
	33.403 (+EDC)	400	294	11967	D 2866 LF20				
	33.423 (+EDC)	420	309	11967	D 2866 LF22				
	33.463 (+EDC)	460	338	12816	D 2876 LF02				
	35.343 (+EDC)	340	250	9973	D 2865 LF21			95 ->	
	35.403 (+EDC)	400	294	11967	D 2866 LF20	02 ->			
	35.463 (+EDC)	460	338	12816	D 2876 LF02	95 ->			
	40.273 (+EDC)	269	198	9973	D 2865 LF22	94 ->			
	40.403 (+EDC)	400	294	11967	D 2866 LF20				
	40.463 (+EDC)	460	338	12816	D 2876 LF02				
	41.343 (+EDC)	340	250	9973	D 2865 LF21				
	41.403 (+EDC)	400	294	11967	D 2866 LF20	95 ->			
	41.463 (+EDC)	460	338	12816	D 2876 LF 02	98 ->			
41.464 (+EDC)	460	338	12816	D 2876 LF 06					
	19.314 (IP+Retarder)	310	228	11967	D 2866 LF34	98 ->	MWP50014		
	19.364 (IP+Retarder)	360	265	11967	D 2866 LF35				
	19.414 (IP+Retarder)	409	301	11967	D 2866 LF31				
	19.464 (IP+Retarder)	460	338	12816	D 2876 LF06				
	F90							90 - 94	
	26.372 (IP+Retarder)	370	272	11967	D 2866 LF03/05				
26.422 (IP+Retarder)	420	309	11967	D 2866 LF06/09					
	M90							MWP50013	
	14.192	186	137	6596	D 0826 TF	88 - 90			
	14.192	190	140	6871	D0826LF01 /5/7	90 - 96			





...MAN

		CV	KW	C.C.			
	TGA						
	18.310	310	228	11967	D 2866...	00 →	MWP50011
	18.360	360	265	11967	D 2866...		
	18.410	410	301	11967	D 2866...		
	18.460	460	338	12816	D 2876...		
	18.480	480	353	12816	D 2876...	02 →	
	18.510	510	375	12816	D 2876...	00 →	
	18.530	530	390	12816	D 2876...	04 →	
	19.360	360	265	11967	D 2866...	04 →	
	19.410	410	301	11967	D 2866...		
	19.460	460	338	12816	D 2876...		
	19.480	480	353	12816	D 2876...		
	24.360	360	265	11967	D 2866...	01 →	
	24.410	410	301	11967	D 2866...		
	24.460	460	338	12816	D 2876...		
	24.480	480	353	12816	D 2876...	02 →	
	24.510	510	375	12816	D 2876...	01 →	
	24.530	530	390	12816	D 2876...		
	26.310	310	228	11967	D 2866...	00 →	
	26.360	360	265	11967	D 2866...		
	26.410	410	301	11967	D 2866...		
	26.460	460	338	12816	D 2876...		
	26.480	480	353	12816	D 2876...	02 →	
	26.510	510	375	12816	D 2876...	00 →	
	26.530	530	390	12816	D 2876...	01 →	
	28.310	310	228	11967	D 2866...	02 →	
	28.360	360	265	11967	D 2866...		
	28.390	480	353	12816	D 2876...	06 →	
	28.410	410	301	11967	D 2866...	02 →	
	28.460	460	338	12816	D 2876...		
	28.480	480	353	12816	D 2876...		
	28.510	510	375	12816	D 2876...		
	28.530	530	390	12816	D 2876...	06 →	
	32.310	310	228	11967	D 2866...	02 →	
	32.360	360	265	11967	D 2866...		
	32.410	410	301	11967	D 2866...		
	32.460	460	338	12816	D 2876...		
	32.480	480	353	12816	D 2876...		
	33.360	360	265	11967	D 2866...		





...MAN

		CV	KW	C.C.			
...TGA							
	33.410	410	301	11967	D 2866...	00 →	MWP50011
	33.460	460	338	12816	D 2876...	02 →	
	33.480	480	353	12816	D 2876...		
	33.510	510	375	12816	D 2876...		
	33.530	530	390	12816	D 2876...		
	35.310	310	228	11967	D 2866...		
	35.360	360	265	11967	D 2866...	06 →	
	35.410	410	301	11967	D 2866...	03 →	
	35.460	460	338	12816	D 2876...		
	35.480	480	353	12816	D 2876...		
	35.530	530	390	12816	D 2876...	04 →	
	37.310	310	228	11967	D 2866...		
	37.360	360	265	11967	D 2866...		
	37.410	410	301	11967	D 2866...		
	37.460	460	338	12816	D 2876...		
	37.480	480	353	12816	D 2876...		
	37.530	530	390	12816	D 2876...		
	40.410	410	301	11967	D 2866...		
	40.460	460	338	12816	D 2876...		
	40.480	480	353	12816	D 2876...		
	41.360	360	265	11967	D 2866...	03 →	
	41.410	410	301	11967	D 2866...		
	41.460	460	338	12816	D 2876...		
	41.480	480	353	12816	D 2876...	04 →	
	41.530	530	390	12816	D 2876...	02 →	
	18.310-18.320	310	228	10518	D 2066 LF 04...	04 →	
	18.350-18.360	350	257	10518	D 2066 LF 03...		
	18.390-18.400	390	287	10518	D 2066 LF 02...		
	18.400	400	294	10518	D 2066 LF 26...	05 →	
	18.430-18.440	430	316	10518	D 2066 LF 01...	04 →	
	18.440	440	324	10518	D 2066 LF 25...	05 →	
	18.480	480	353	12412	D 2676 LF 05...	06 →	
	18.540	540	397	12412	D 2676 LF 13		
	19.350	350	257	10518	D 2066 LF 03	04 →	
	19.360	360	265	10518	D 2066 LF 07		
	19.390	390	287	10518	D 2066 LF 02		
	19.400	400	294	10518	D 2066 LF 06		
	19.430	430	316	10518	D 2066 LF 01		



1

2

3

4



...MAN

		CV	KW	C.C.			
	...TGA						
	19.440	440	324	12412	D 2676 LF 04	06 →	MWP50012
	19.480	480	353	12412	D 2676 LF 02...		
	24.350-24.360	350	257	10518	D 2066 LF 03...	04 →	
	24.390-24.400	390	287	10518	D 2066 LF 02...		
	24.430-24.440	430	316	10518	D 2066 LF 01...	06 →	
	24.480	480	353	12412	D 2676 LF 01...		
	24.540	540	397	12412	D 2676 LF 11...	04 →	
	26.310	310	228	10518	D 2066 LF 04		
	26.320	320	235	10518	D 2066 LF 39	06 →	
	26.350	350	257	10518	D 2066 LF 03...	04 →	
	26.360	360	265	10518	D 2066 LF 07...		
	26.390	390	287	10518	D 2066 LF 02...		
	26.400	400	294	10518	D 2066 LF 37		
	26.430	430	316	10518	D 2066 LF 01...	05 →	
	26.440	440	324	10518	D 2066 LF 36		
	26.480	480	353	12412	D 2676 LF 01...	06 →	
	26.540	540	397	12412	D 2676 LF 13	08 →	
	27.440	440	324	12412	D 2676 LF 04		
	28.310	310	228	10518	D 2066 LF 04...	02 →	
	28.320	320	235	10518	D 2066 LF 39...	04 →	
	28.350	350	257	10518	D 2066 LF 03...	06 →	
	28.360	360	265	10518	D 2066 LF 38		
	28.390	390	287	10518	D 2066 LF 02...		
	28.400	400	294	10518	D 2066 LF 37		
	28.430	430	316	10518	D 2066 LF 01...		
	28.440	440	324	10518	D 2066 LF 36		
	28.480	480	353	12412	D 2676 LF 05		
	28.540	540	397	12412	D 2676 LF 13		
	32.350-32.360	350	257	10518	D 2066 LF 03...	04 →	
	32.390-32.400	390	287	10518	D 2066 LF 02...		
	32.430-32.440	430	316	10518	D 2066 LF 01...		
	32.480	480	353	12412	D 2676 LF 01...	06 →	
	33.350-33.360	350	257	10518	D 2066 LF 03...	05 →	
	33.390-33.400	390	287	10518	D 2066 LF 02...		
	33.430-33.440	430	316	10518	D 2066 LF 01...	06 →	
	33.480	480	353	12412	D 2676 LF 01...		
	35.310-35.320	310	228	10518	D 2066 LF 04...	04 →	
	35.350-35.360	350	257	10518	D 2066 LF 03...		





...MAN

		CV	KW	C.C.			
...TGA							
35.390		390	287	10518	D 2066 LF 02...	06 ->	MWP50012
35.400		400	294	10518	D 2066 LF 37		
35.430		430	316	10518	D 2066 LF 01...		
35.440		440	324	10518	D 2066 LF 36		
35.480		480	353	12412	D 2676 LF 01...	04 ->	
37.310-37.320		310	228	10518	D 2066 LF 04...		
37.350-37.360		350	257	10518	D 2066 LF 03...		
37.390-37.400		390	287	10518	D 2066 LF 02...		
37.430-37.440		430	316	10518	D 2066 LF 01...	06 ->	
37.480		480	353	12412	D 2676 LF 01...		
39.390		390	287	10518	D 2066 LF 12		
39.400		400	294	10518	D 2066 LF 37		
39.430		430	316	10518	D 2066 LF 01...	06 ->	
39.440		440	324	10518	D 2066 LF 36		
39.480		480	353	12412	D 2676 LF 05		
40.390-40.400		390	287	10518	D 2066 LF 02...		
40.430-40.440		430	316	10518	D 2066 LF 01...	05 ->	
40.440		440	324	12412	D 2676 LF 04		
40.480		480	353	12412	D 2676 LF 02...		
41.350		350	257	10518	D 2066 LF 03	07 ->	
41.360		360	265	10518	D 2066 LF 07	04 ->	
41.390		390	287	10518	D 2066 LF 02		
41.400		400	294	10518	D 2066 LF 06	08 ->	
41.430-41.440		430	316	10518	D 2066 LF 01...	04 ->	
41.440		440	324	12412	D 2676 LF 04		
41.480		480	353	12412	D 2676 LF 01...	06 ->	
41.540		540	397	12412	D 2676 LF 13		
TGS							
18.320		320	235	10518	D 2066 LF 39...	07 ->	
18.360		360	265	10518	D 2066 LF 27...		
18.400		400	294	10518	D 2066 LF 26...		
18.440		440	324	10518	D 2066 LF 25...		
18.480		480	353	12412	D 2676 LF 05...		
18.540		540	397	12412	D 2676 LF 06...		
24.320		320	235	10518	D 2066 LF 28...		
24.360		360	265	10518	D 2066 LF 27...		
24.400		400	294	10518	D 2066 LF 26...		
24.440		440	324	10518	D 2066 LF 25...		





...MAN

		CV	KW	C.C.			
	...TGS						
	24.480	480	353	12412	D 2676 LF 05...	07 →	MWP50012
	24.540	540	397	12412	D 2676 LF 06...		
	26.320	320	235	10518	D 2066 LF 39...	08 →	
	26.360	360	265	10518	D 2066 LF 27...	07 →	
	26.400	400	294	10518	D 2066 LF 26...		
	26.440	440	324	10518	D 2066 LF 36...	09 →	
	26.480	480	353	12412	D 2676 LF 05...		
	26.540	540	397	12412	D 2676 LF 06...	08 →	
	28.320	320	235	10518	D 2066 LF 39...		
	28.360	360	265	10518	D 2066 LF 38...		
	28.400	400	294	10518	D 2066 LF 37...		
	28.440	440	324	10518	D 2066 LF 36...		
	28.480	480	353	12412	D 2676 LF 05		
	28.540	540	397	12412	D 2676 LF 06	09 →	
	32.320	320	235	10518	D 2066 LF 43		
	32.360	360	265	10518	D 2066 LF 27...	07 →	
	32.400	400	294	10518	D 2066 LF 26...		
	32.440	440	324	10518	D 2066 LF 25...	08 →	
	32.480	480	353	12412	D 2676 LF 05...		
	33.360	360	265	10518	D 2066 LF 27...	07 →	
	33.400	400	294	10518	D 2066 LF 37...	08 →	
	33.440	440	324	10518	D 2066 LF 36...		
	33.480	480	353	12412	D 2676 LF 05...	09 →	
	33.540	540	397	12412	D 2676 LF 06...		
	35.320	320	235	10518	D 2066 LF 28...	07 →	
	35.360	360	265	10518	D 2066 LF 27...		
	35.400	400	294	10518	D 2066 LF 26...		
	35.440	440	324	10518	D 2066 LF 25...		
	35.480	480	353	12412	D 2676 LF 05...		
	35.540	540	397	12412	D 2676 LF 06...		
	37.320	320	235	10518	D 2066 LF 28...		
	37.360	360	265	10518	D 2066 LF 27...		
	37.400	400	294	10518	D 2066 LF 26...		
	37.440	440	324	10518	D 2066 LF 25...		
	37.480	480	353	12412	D 2676 LF 05...		
	37.540	540	397	12412	D 2676 LF 06...		
	41.320	320	235	10518	D 2066 LF 39...	08 →	
	41.360	360	265	10518	D 2066 LF 27...	07 →	





...MAN

		CV	KW	C.C.				
...TGS								
	41.400	400	294	10518	D 2066 LF 26...	07 ->	MWP50012	
	41.440	440	324	10518	D 2066 LF 25...			
	41.480	480	353	12412	D 2676 LF 05...			
	41.540	540	397	12412	D 2676 LF 06...			
TGX								
	18.360	360	265	10518	D 2066 LF 27...	07 ->		
	18.400	400	294	10518	D 2066 LF 26...			
	18.440	440	324	10518	D 2066 LF 25...			
	18.440	440	324	12412	D 2676 LF 22...			
	18.480	480	353	12412	D 2676 LF 05...			
	18.540	540	397	12412	D 2676 LF 13			
	18.540	540	397	12412	D 2676 LF 06...			
	24.360	360	265	10518	D 2066 LF 27...			
	24.400	400	294	10518	D 2066 LF 37...			
	24.440	440	324	12412	D 2676 LF 22...			
	24.480	480	353	12412	D 2676 LF 05...			
	24.540	540	397	12412	D 2676 LF 06...	09 ->		
	26.320	320	235	10518	D 2066 LF 28...	07 ->		
	26.360	360	265	10518	D 2066 LF 38...			
	26.400	400	294	10518	D 2066 LF 37...			
	26.440	440	324	10518	D 2066 LF 36...			
	26.480	480	353	12412	D 2676 LF 05...	08 ->		
	26.540	540	397	12412	D 2676 LF 06...	07 ->		
	28.360	360	265	10518	D 2066 LF 27...	07 ->		
	28.400	400	294	10518	D 2066 LF 26...			
	28.440	440	324	10518	D 2066 LF 25...			
	28.480	480	353	12412	D 2676 LF 05...			
	28.540	540	397	12412	D 2676 LF 06...			
	33.360	360	265	10518	D 2066 LF 27...			
	33.400	400	294	10518	D 2066 LF 26...			
	33.440	440	324	10518	D 2066 LF 25...			
	33.480	480	353	12412	D 2676 LF 05...			
	33.540	540	397	12412	D 2676 LF 06...			
	35.360	360	265	10518	D 2066 LF 27...	08 ->		
	35.400	400	294	10518	D 2066 LF 26...			
	35.440	440	324	10518	D 2066 LF 25...			
	35.480	480	353	12412	D 2676 LF 05...			
	35.540	540	397	12412	D 2676 LF 06...			





MERCEDES BENZ

		CV	KW	C.C.				
	0 301							MWP60017
	0 301	136	100	5958	OM 366.917	86 – 87		
	0 301	170	125	5958	OM 366.965	86 →		
	0 303							MWP50013
	0 303 M.129661->744215	192	141	9572	OM 401.907/8/12	74 – 83		
	0 303 M.129661->744215	192	141	9572	OM 401.912			
	0 303	216	159	10964	OM 421.908	80 – 92		
	0 303	216	159	10964	OM 441.908/9			
	0 303	216	159	10964	OM 441.911/18	80 – 89		
	0 303 M.129661->744215	256	188	12800	OM 402.907	75 – 83		
	0 303	272	200	10964	OM 441.950/3	87 – 92		
	0 303	290	213	15080	OM442.910/18/19			
	0 303 M.129661->744215	321	236	15900	OM 403.918	75 – 83		
0 303	354	260	14618	OM442.954/60/61	87 – 92			
	0 303 Autom.+Retarder	192	141	9572	OM 401.907/8/12	74 – 83	MWP60020	
	0 303 Autom.+Retarder	216	159	10964	OM 421.908	80 – 92		
	0 303 Autom.+Retarder	216	159	10964	OM 441.908/9			
	0 303 Autom.+Retarder	216	159	10964	OM 441.911/18	80 – 89		
	0 303 Autom.+Retarder	256	188	12800	OM 402.907	75 – 83		
	0 303 Autom.+Retarder	272	200	10964	OM 441.950/3	87 – 92		
	0 303 Autom.+Retarder	280	206	14618	OM 422.908/917			
	0 303 -> M 146024	280	206	14618	OM 422.908/917	80 – 87		
	0 303 Autom.+Retarder	290	213	15080	OM442.910/18/19	87 – 92		
	0 303 Autom.+Retarder	330	243	14618	OM 422.951/963	80 – 87		
0 303 -> M 146024	330	243	14618	OM 422.951/963				
	0 305							MWP50013
	0 305 G M.017498->	241	177	11413	OM 407.919	78 – 87		
	0 305 G M.017498->	280	206	11413	OM 407.951/955	79 – 87		
	0 305 ST M.017498->	180	132	11000	OM 407.905/908	73 – 77		
	0 305 ST M.017498->	200	147	11413	OM 407.913/914	76 – 87		
	0 305 ST M.017498->	210	155	11000	OM407.909/10/11	73 – 77		
	0 305 ST M.017498->	241	177	11413	OM 407.917	76 – 87		
0 305 ST M.017498->	280	206	11413	OM 407.951/955	79 – 87			



...MERCEDES BENZ

		CV	KW	C.C.			
	...O 305						
	O 305 G Autom.+Retarder	241	177	11413	OM 407.919	78 – 87	MWP60020
	O 305 G Autom.+Retarder	280	206	11413	OM 407.951/955	79 – 87	
	O 305 ST Autom.+Retarder	180	132	11000	OM 407.905/908	73 – 77	
	O 305 ST Autom.+Retarder	200	147	11413	OM 407.913/914	76 – 87	
	O 305 ST Autom.+Retarder	210	155	11000	OM407.909/10/11	73 – 77	
	O 305 ST Autom.+Retarder	241	177	11413	OM 407.917	76 – 87	
	O 307						
	O 307 M.017498->	180	132	11000	OM 407.905	73 – 77	MWP50013
	O 307 M.017498->	200	147	11400	OM 407.915	76 – 87	
	O 307 M.017498->	211	155	11000	OM 407.911,OM 4	73 – 77	
	O 307 M.017498->	241	177	11400	OM 407.918,OM 4		
	O 307 M.017498->	280	206	11413	OM 407.955	76 – 87	
	O 307 Autom.+Retarder	180	132	11000	OM 407.905	73 – 77	MWP60020
	O 307 Autom.+Retarder	200	147	11400	OM 407.915	76 – 87	
	O 307 Autom.+Retarder	211	155	11000	OM 407.907/911	73 – 77	
	O 307 Autom.+Retarder	241	177	11400	OM 407.916/918		
	O 340						
	O340 ->M.504397	340	250	10964	OM 441.994,OM 4	91 – 95	MWP50013
	TOURISMO M.129661->744215	381	280	12763	OM 402.984,OM 4	92 – 95	
	TOURISMO Autom.+Retarder	381	280	12763	OM 402.984/995	92 – 95	MWP60020
	O 350						
	TOURISMO M.129661->744215	381	280	12763	OM 402.970	95 ->	MWP50013
	TOURISMO ->M.504397	340	250	10964	OM 445.934...		





...MERCEDES BENZ

		CV	KW	C.C.			
	...0 350						
	TORISMO Autom.+Retarder	381	280	12763	OM 402.970	95 ->	MWP60020
	TOURISMO Autom.+Retarder	381	280	14618	OM 446.938		
	0 402						
	0 402	136	100	5958	OM 366.917	86 - 91	MWP60017
	0 402	170	125	5958	OM 366.965		
	0 403						
	0 403 SHD	354	260	11967	OM 457.944	03 ->	MWP60020
	0 403 SHD	422	310	11967	OM 457.944		
	0 404						
	0 4042	205	151	11300	OM 441.922	91 - 92	MWP50013
	0 404	224	165	11300	OM 441.921		
	0 404 M.->504397	265	195	15100	OM 442.931		
	0 404 M.129661->744215	272	200	9800	OM 401.974	91 - 99	
	0 404 M.129661->744215	290	213	9572	OM 401.970		
	0 404 ->M.504397	290	213	15100	OM 442.930	91 - 92	
	0 404	340	250	10964	OM 441.980	91 - 99	
	0 404 M.129661->744215	381	280	12763	OM 402.970		
	0 404 Autom.+Retarder	205	151	11300	OM 441.922	91 - 92	
	0 404 Autom.+Retarder	224	165	11300	OM 441.921		
	0 404 Autom.+Retarder	290	213	9572	OM 401.970	91 - 99	
	0 404 Autom.+Retarder	290	213	10964	OM 445.935	94 - 99	
	0 404 Autom.+Retarder	340	250	10964	OM 441.980	91 - 99	
	0 404 Autom.+Retarder	340	250	10964	OM 445.934		
	0 404 Autom.+Retarder	381	280	12763	OM 402.970		
	0 404 Autom.+Retarder	381	280	14618	OM 446.934	94 - 99	
	0 404 Autom.+Retarder	381	280	14618	OM 446.938		



...MERCEDES BENZ

		CV	KW	C.C.				
	O 405							
	O 405 N-ST Autom.+Retarder	204	150	11967	OM 427/447	84 – 01	MWP60020	
	O 405 N-ST Autom.+Retarder	241	177	11967	OM 427/447	85 – 01		
	O 405 G/GN/GTD Autom.+Retarder	241	177	11967	OM 427/447			
	O 405 ST Autom.+Retarder	280	206	11967	OM 427/447			
	O 405 G-GTD Autom.+Retarder	280	206	11967	OM 427/447	86 – 01		
	O 405 G/GN/GTD Autom.+Retarder	299	220	11967	OM447.977/80/84	91 – 01		
	O 407							
	O 407 Autom.+Retarder	241	177	11967	OM447.906/8/90	87 – 01		
	O 407 Autom.+Retarder	299	220	11967	OM 447.985/991	91 – 01		
	O 408							
	O 408 Autom.+Retarder	250	184	11967	OM447.912/58/92	91 – 98		
	O 408 Autom.+Retarder	299	220	11967	OM 447.987/993	92 – 98		
		ACTROS I						
		1831 S,1831 LS M->019798	313	230	11946	OM 541.920	96 – 02	MWP60018
		1831 K M->019798	313	230	11946	OM 541.920	97 – 02	
		1831 AK M->019798	313	230	11946	OM 541.926/42		
		1835,1835 L M->019798	354	260	11946	OM 541.922	96 – 02	
1835 S,1835 LS M->019798		354	260	11946	OM 541.922	97 – 02		
1835 K M->019798		354	260	11946	OM 541.922			
1835 AK M->019798		354	260	11946	OM 541.927			
1840,1840 L M->019798		394	290	11946	OM 541.923	96 – 02		
1840 S,1840 LS M->019798		394	290	11946	OM 541.923			
1840 K M->019798		394	290	11946	OM 541.923	97 – 02		
1840 AK M->019798		394	290	11946	OM 541.924			
1843,1843 L M->019798		428	315	11946	OM 541.925	96 – 02		
1843 S,1843 LS M->019798		428	315	11946	OM 541.925	97 – 02		
1843 K M->019798		428	315	11946	OM 541.925			
1843 AK M->019798		428	315	11946	OM 541.921/948			
1848,1848 L M->019798		476	350	15928	OM 542.921	96 – 02		
1848 S,1848 LS M->019798		476	350	15928	OM 542.921			
1848 AK M->019798		476	350	15928	OM 542.925	97 – 02		
1853,1853 L M->019798		530	390	15928	OM 542.920	96 – 02		
1853 S,1853 LS M->019798		530	390	15928	OM 542.920			
1857 L M->019798	571	420	15928	OM 542.922	97 – 02			





...MERCEDES BENZ

		CV	KW	C.C.			
...ACTROS I							
	1831,1831 L +Retarder	313	230	11946	OM 541.920	96 - 02	MWP60019
	1831 S,1831 LS ->M019797	313	230	11946	OM 541.920		
	1831 K ->M 019797	313	230	11946	OM 541.920	97 - 02	
	1831 AK ->M 019797	313	230	11946	OM 541.926/42	96 - 02	
	1835,1835 L ->M 019797	354	260	11946	OM 541.922		
	1835 S,1835 LS ->M 019797	354	260	11946	OM 541.922	97 - 02	
	1835 K ->M 019797	354	260	11946	OM 541.922		
	1835 AK ->M 019797	354	260	11946	OM 541.927	96 - 02	
	1840,1840 L ->M 019797	394	290	11946	OM 541.923		
	1840 S,1840 LS ->M 019797	394	290	11946	OM 541.923	97 - 02	
	1840 K ->M 019797	394	290	11946	OM 541.923		
	1840 AK ->M 019797	394	290	11946	OM 541.924	96 - 02	
	1843,1843 L ->M 019797	428	315	11946	OM 541.925		
	1843 S,1843 LS ->M 019797	428	315	11946	OM 541.925	97 - 02	
	1843 K ->M 019797	428	315	11946	OM 541.925		
	1843 AK ->M 019797	428	315	11946	OM 541.921,OM 5	96 - 02	
	1848,1848 L ->M 019797	476	350	15928	OM 542.921		
	1848 S,1848 LS ->M 019797	476	350	15928	OM 542.921	97 - 02	
	1848 K ->M 019797	476	350	15928	OM 542.921		
	1848 AK ->M 019797	476	350	15928	OM 542.925	96 - 02	
	1853,1853 L ->M 019797	530	390	15928	OM 542.920		
	1853 S,1853 LS ->M 019797	530	390	15928	OM 542.920	97 - 02	
	1857 L ->M 019797	571	420	15928	OM 542.922		
	1857 LS ->M 019797	571	420	15928	OM 542.922	96 - 02	
	2031 +Retarder	313	230	11946	OM 541.920		
	2031 A +Retarder	313	230	11946	OM 541.926	97 - 02	
	2031 AK +Retarder	276	203	11946	OM 541.926		
	2031 K +Retarder	313	230	11946	OM 541.920	96 - 02	
	2031 S +Retarder	313	230	11946	OM 541.920		
	2035 A +Retarder	354	260	11946	OM 541.927/943	97 - 02	
	2040 +Retarder	394	290	11946	OM 541.923		
	2040 AK +Retarder	394	290	11946	OM 541.924	96 - 02	
	2048 AS +Retarder	476	350	15928	OM 542.925		
	2053 S +Retarder	530	390	15928	OM 542.920	96 - 02	
	2531,2531 L +Retarder	313	230	11946	OM 541.920/940		
	2535 L +Retarder	354	260	11946	OM 541.922/942	96 - 02	
	2540 LS +Retarder	394	290	11946	OM 541.923/944		
	2543,2543 L +Retarder	428	315	11946	OM 541.925/946		





...MERCEDES BENZ

		CV	KW	C.C.			
...ACTROS I							
	2543 LS +Retarder	428	315	11946	OM 541.925/946	96 – 02	MWP60019
	2548,2548 L +Retarder	476	350	15928	OM 542.921		
	2548 LS +Retarder	476	350	15928	OM 542.921		
	2553,2553 L +Retarder	530	390	15928	OM 542.920		
	2553 LS +Retarder	530	390	15928	OM 542.920		
	2557 L +Retarder	571	420	15928	OM 542.922		
	2631,2631 L +Retarder	313	230	11946	OM 541.920		
	2631 K +Retarder	313	230	11946	OM 541.920		
	2640 S,2640 LS +Retarder	394	290	11946	OM 541.923		
	2643,2643 L +Retarder	428	315	11946	OM 541.925		
	2643 B +Retarder	428	315	11946	OM 541.925		
	2643 K,2643 LK +Retarder	428	315	11946	OM 541.925		
	2643 S,2643 LS +Retarder	428	315	11946	OM 541.925		
	2648,2648 L +Retarder	476	350	15928	OM 542.921		
	2648 K,2648 LK +Retarder	476	350	15928	OM 542.921		
	2648 S,2648 LS +Retarder	476	350	15928	OM 542.921		
	2653,2653 L +Retarder	530	390	15928	OM 542.920		
	2653 K,2653 LK +Retarder	530	390	15928	OM 542.920		
	2653 S,2653 LS +Retarder	530	390	15928	OM 542.920		
	2657 L +Retarder	571	420	15928	OM 542.922		
	2657 K,2657 LK +Retarder	571	420	15928	OM 542.922		
	3231 K +Retarder	313	230	11946	OM 541.920		
	3235 +Retarder	354	260	11946	OM 541.922		
	3235 B +Retarder	354	260	11946	OM 541.922		
	3235 K +Retarder	354	260	11946	OM 541.922		
	3240 B +Retarder	394	290	11946	OM 541.923		
	3240 K +Retarder	394	290	11946	OM 541.923		
	3243 B +Retarder	428	315	11946	OM 541.925		
	3243 K +Retarder	428	315	11946	OM 541.925		
	3331 A +Retarder	313	230	11946	OM 541.926		
	3331 K +Retarder	313	230	11946	OM 541.920		
	3331 S +Retarder	313	230	11946	OM 541.920		
	3335 +Retarder	354	260	11946	OM 541.922		
	3335 K +Retarder	354	260	11946	OM 541.922		
	3335 S +Retarder	354	260	11946	OM 541.922		
	3340 +Retarder	394	290	11946	OM 541.923		
	3340 A +Retarder	394	290	11946	OM 541.924		
	3340 AS +Retarder	394	290	11946	OM 541.924		





...MERCEDES BENZ

		CV	KW	C.C.				
...ACTROS I								
	3340 B +Retarder	394	290	11946	OM 541.923	97 – 02	MWP60019	
	3340 K +Retarder	394	290	11946	OM 541.923			
	3340 S +Retarder	394	290	11946	OM 541.923			
	3343 +Retarder	428	315	11946	OM 541.925			
	3343 AK +Retarder	428	315	11946	OM 541.921			
	3343 AS +Retarder	428	315	11946	OM 541.921			
	3343 B +Retarder	428	315	11946	OM 541.925			
	3343 K +Retarder	428	315	11946	OM 541.925			
	3343 S +Retarder	428	315	11946	OM 541.925			
	3348 +Retarder	476	350	15928	OM 542.921			
	3348 AS +Retarder	476	350	15928	OM 542.925			
	3348 K +Retarder	476	350	15928	OM 542.921			
	3348 S +Retarder	476	350	15928	OM 542.921			
	3353 +Retarder	530	390	15928	OM 542.920			
	3353 AS +Retarder	530	390	15928	OM 542.920			
	3353 S +Retarder	530	390	15928	OM 542.920			
	3357 S +Retarder	571	420	15928	OM 542.922			
	4140 AK +Retarder	394	290	11946	OM 541.924	97 – 02		
	4140 B +Retarder	394	290	11946	OM 541.923			
	4140 K +Retarder	394	290	11946	OM 541.923/924			
	4143 AK +Retarder	428	315	11946	OM 541.921			
	4143 K +Retarder	428	315	11946	OM 541.925			
	4143 K +Retarder	428	315	11946	OM 541.921			
	4148 AK +Retarder	476	350	15928	OM 542.925			
	4148 K +Retarder	476	350	15928	OM 542.921			
	4148 K +Retarder	476	350	15928	OM 542.925			
	4148 K +Retarder	476	350	15928	OM 542.925			
ACTROS II								
	1832 +Retarder	320	235	11946	OM 541.940	03 ->		
	1832 LS +Retarder	320	235	11946	OM 541.940...			
	1832, L, LL +Retarder	320	235	11946	OM 541.940...			
	1832, L, LL +Retarder	360	265	11946	OM 541.942			
	1836 K +Retarder	360	265	11946	OM 541.942			
	1836 LS +Retarder	360	265	11946	OM 541.942			
	1836, L, LL +Retarder	360	265	11946	OM 541.942			
	1836, L, LL +Retarder	408	300	11946	OM 541.944...			
	1841 K +Retarder	408	300	11946	OM 541.944			
	1841, L, LL +Retarder	408	300	11946	OM 541.944...			
	1841 L, LL +Retarder	408	300	11946	OM 541.944...			





...MERCEDES BENZ

		CV	KW	C.C.			
...ACTROS II							
	1841, L, LL +Retarder	435	320	11946	OM 541.946...	03 ->	MWP60019
	1844 K +Retarder	428	315	11946	OM 541.921/946		
	1844 K +Retarder	435	320	11946	OM 541.946		
	1844, L, LL +Retarder	435	320	11946	OM 541.946		
	1846, L, LL +Retarder	456	335	11946	OM 541.948		
	1846 K +Retarder	456	335	11946	OM 541.948		
	1846 LS +Retarder	456	335	11946	OM 541.948		
	1846 LS, LLS +Retarder	456	335	11946	OM 541.948/980		
	1848 AK +Retarder	476	350	11946	OM 541.948		
	1848 K +Retarder	476	350	11946	OM 541.948		
	1848, LS, LLS +Retarder	476	350	11946	OM 541.948...		
	1848, L, LL +Retarder	476	350	11946	OM 541.948		
	1850, 1851 AK +Retarder	503	370	15928	OM 542.940...		
	1850, 1851 K +Retarder	503	370	15928	OM 542.940...		
	1850, 1851 LS, LLS +Retarder	503	370	15928	OM 542.940		
	1850, 1851, L, LL +Retarder	503	370	15928	OM 542.940/960		
	1850, L, LL +Retarder	537	395	15928	OM 542.942/962		
	1854, L +Retarder	578	425	15928	OM 542.944		
	1854, L, LL +Retarder	537	395	15928	OM 542.942		
	1858, L +Retarder	578	425	15928	OM 542.944		
	1858, L +Retarder	578	425	15928	OM 542.944		
	1860 L, LL +Retarder	598	440	15928	OM 542.964		
	2032 +Retarder	313	230	11946	OM 541.920/940		
	2032 A, AE +Retarder	313	230	11946	OM541.926/940/1		
	2032 AK +Retarder	313	230	11946	OM 541.920/940		
	2032 AS +Retarder	313	230	11946	OM 541.926/941		
	2032 K +Retarder	313	230	11946	OM 541.920/940		
	2032 S +Retarder	313	230	11946	OM 541.920/940		
	2036 +Retarder	354	260	11946	OM 541.922/942		
	2036 A, AE +Retarder	354	260	11946	OM541.927/942/3		
	2036 AK +Retarder	354	260	11946	OM 541.927		
	2036 AS +Retarder	354	260	11946	OM 541.943/927		
2036 S +Retarder	354	260	11946	OM 541.942			
2041 +Retarder	394	290	11946	OM 541.944			
2041 AK +Retarder	394	290	11946	OM 541.944			
2041 AS +Retarder	394	290	11946	OM 541.924			
2041 K +Retarder	394	290	11946	OM 541.944			
2041 S +Retarder	394	290	11946	OM 541.923			





...MERCEDES BENZ

		CV	KW	C.C.				
...ACTROS II								
	2044 +Retarder	428	315	11946	OM 541.946			
	2046 +Retarder	456	335	11946	OM 541.948			
	2046 AK +Retarder	456	335	11946	OM 541.948			
	2046 AS +Retarder	456	335	11946	OM 541.9			
	2046 S +Retarder	456	335	11946	OM 541.948			
	2050 S +Retarder	503	370	15928	OM 542.940			
	2051 AS +Retarder	510	375	15928	OM 542.940/960			
	2532 LS +Retarder	320	235	11946	OM 541.940			
	2532, L, LL +Retarder	312	230	11946	OM 541.920			
	2536 LS +Retarder	360	265	11946	OM 541.922/942			
	2536, L, LL +Retarder	354	260	11946	OM541.922/942/3			
	2541, L, LL +Retarder	394	290	11946	OM 541.944			
	2544, L, LL +Retarder	428	315	11946	OM 541.946			
	2546 LS +Retarder	456	335	11946	OM 541.948			
	2546, L, LL +Retarder	456	335	11946	OM 541.948			
	2548 LS +Retarder	476	350	11946	OM 541.948			
	2548, L,LL +Retarder	476	350	11946	OM 541.948			
	2632 K, LK +Retarder	320	235	11946	OM 541.940			
	2632 LS +Retarder	320	235	11946	OM 541.940			
	2636 K, LK	360	265	11946	OM 541.942			
	2636 LS	360	265	11946	OM 541.942/972			
	2636, L, LL	360	265	11946	OM 541.942			
	2641 K, LK	408	300	11946	OM 541.944			
	2641 S, LS	408	300	11946	OM 541.944			
	2641, L, LL	408	300	11946	OM 541.944/974			
	2644 K, LK	435	320	11946	OM 541.946/976			
	2644 S, LS	435	320	11946	OM 541.946			
	2644, L, LL	435	320	11946	OM 541.946/976			
	2646 K, LK	456	335	11946	OM 541.948/980			
	2646 S, LS	456	335	11946	OM 541.948/980			
	2646, L, LL	456	335	11946	OM 541.948/980			
	2650 K, 2651 K, LK	503	370	15928	OM 542.940/960			
	2650 S, LS	503	370	15928	OM 542.940			
	2650, L, 2651, L, LL	503	370	15928	OM 542.940			
	2654 K, LK, 2655 K, LK	537	395	15928	OM 542.942/962			
	2654 S, LS	537	395	15928	OM 542.942			
	2654, L, 2655, L, LL	537	395	15928	OM 542.942			
	2658 K	578	425	15928	OM 542.944			



03 ->

MWP60019



...MERCEDES BENZ

		CV	KW	C.C.			
	...ACTROS II						
	2658 L	578	425	15928	OM 542.944	03 →	MWP60019
	2658 LS	578	425	15928	OM 542.944		
	3231 K, 3232 K	313	230	11946	OM 541.920/940		
	3241	408	300	11946	OM 541.944		
	3331 AK, 3332 AK	313	230	11946	OM 541.920/940		
	3332 K	313	230	11946	OM 541.920/940		
	3336	360	265	11946	OM 541.942/972		
	3336 A	360	265	11946	OM 541.942/943		
	3336 K	354	260	11946	OM 541.942		
	3336 S	360	265	11946	OM 541.942/972		
	3341	408	300	11946	OM 541.944/974		
	3344	428	315	11946	OM 541.946/947		
	3346	456	335	11946	OM 541.948		
	3346 S	456	335	11946	OM 541.948		
	3348	476	350	15928	OM 542.921		
	3350, 3351	503	370	15928	OM 542.940/960		
	3354, 3355	537	395	15928	OM 542.942/962		
	4140 AK	394	290	11946	OM 541.923/944		
	4140 K	394	290	11946	OM 541.923/944		
	ATEGO						
	712	122	090	4250	OM 904.909		
	714	136	100	4249	OM 904.910...		
	714 K	136	100	4249	OM 904.910...		
	715,715 L	152	112	4250	OM 904.922		
	717	170	125	4249	OM 904.911...		
	717 K	170	125	4249	OM 904.911...		
	812	122	090	4250	OM 904.909		
	814, 814 L	136	100	4249	OM 904.910...		
	815, 815 L	152	112	4250	OM 904.922		
	815 F	152	112	4250	OM 904.922		
	815 K	152	112	4250	OM 904.922		
	817, 817 L	170	125	4250	OM 904.911		
	817 K	170	125	4250	OM 904.911		
	823 K	231	170	6370	OM 906.910		
	917 /AF, 917 L	170	125	4250	OM 904.911		
	917 K	170	125	4250	OM 904.911		
	923 K	231	170	6370	OM 906.910		
	925 AF	245	180	6370	OM 906.919		





...MERCEDES BENZ

		CV	KW	C.C.			
	...ATEGO						
	1017,1017 L	170	125	4250	OM 904.911		
	1017 A	170	125	4250	OM 904.911		
	1017 AK	170	125	4250	OM 904.911		
	1017 K	170	125	4249	OM 904.911		
	1017 KO, 1018 KO	170	125	4249	OM 904.911...		
	1023 /L	231	170	6370	OM 906.910		
	1214, 1214 L	136	100	4249	OM 904.910...		
	1215, 1215 L	152	112	4250	OM 904.922		
	1215 K	152	112	4250	OM 904.922		
	1217, 1217 L	170	125	4250	OM 904.911		
	1217 K	170	125	4250	OM 904.911		
	1217 KO	170	125	4250	OM 904.911		
	1223 /L	231	170	6370	OM 906.910		
	1225 F-AF	245	180	6370	OM 906.919		
	1228 /L	279	205	6370	OM 906.911		
	1317, 1317 L	170	125	4250	OM 904.911		
	1317 A	170	125	4250	OM 904.911		
	1317 K	170	125	4250	OM 904.911		
	1317 AK	170	125	4250	OM 904.911		
	1317 KO, 1317 LKO, 1318 KO, 1318 LKO	170	125	4249	OM 904.911...		
	1323 /L	231	170	6370	OM 906.910		
	1323 KO-LKO	231	170	6374	OM 906.910		
	1323 LS	231	170	6370	OM 906.910		
	1325 AF-F	245	180	6370	OM 906.919		
	1328 AF-F-L-LS	279	205	6370	OM 906.911		
	1517, 1517 L	170	125	4250	OM 904.911		
	1517 A	170	125	4250	OM 904.911		
	1517 K	170	125	4250	OM 904.911		
	1523 A	231	170	6370	OM 906.910		
	1523 AK	231	170	6370	OM 906.910		
	1523 K	231	170	6370	OM 906.910		
	1523 KO	231	170	6374	OM 906.910		
	1523 /L	231	170	6370	OM 906.910		
	1525 AF	245	180	6370	OM 906.919		
	1528 AF	279	205	6370	OM 906.911		
	1528 F	279	205	6370	OM 906.911		
	1528 /L	279	205	6370	OM 906.911		
	1823 AK	231	170	6370	OM 906.922		



98 - 04 **MWP60016**



...MERCEDES BENZ

		CV	KW	C.C.				
...ATEGO								
	1823 K	231	170	6370	OM 906.920	98 – 04	MWP60016	
	1823 LS	231	170	6370	OM 906.920			
	1823 /L	231	170	6370	OM 906.920,OM 9			
	1828 A	279	205	6370	OM 906.923			
	1828 AK	279	205	6370	OM 906.923			
	1828 K	279	205	6370	OM 906.921			
	1828 LS	279	205	6370	OM 906.921			
	1828 /L	279	205	6370	OM 906.921,OM 9			
	2523 L	231	170	6370	OM 906.920			
	2528 L	279	205	6370	OM 906.921,OM 9			
	2628	279	205	6370	OM 906.921			
	2628	279	205	6370	OM 906.921			
	2628 K	279	205	6370	OM 906.921			
ATEGO II								
	715, 715 L, 716, 716 L	152	112	4249	OM 904.922...	04 ->	MWP60016	
	815, 815 L, 815 K, 816, 816 L, 816 K	152	112	4249	OM 904.922...			
	823 /L-824 /L	231	170	6374	OM902...,OM906	98 ->		
	915, 915 L, 916, 916 L	152	112	4249	OM 904.922...	04 ->		
	923 /L-924 /L	231	170	6374	OM902...,OM906			
	1023 A, 1024 A	231	170	6374	OM 902.916...			
	1023 /L-1024 /L	231	170	6374	OM 902...,OM910			
	1223 /L-1224 /L	231	170	6374	OM902...,OM910.			
	1228 /L-1229 /L	279	205	6374	OM906.911/16,..			
	1323 A-1324 A	231	170	6374	OM902...,OM906.			
	1323 LS-1324 LS	231	170	6374	OM906.910/6...			
	1323 /L-1324 /L	231	170	6374	OM906.910/15...			
	1328 LS-1329 LS	279	205	6374	OM902...,OM906..			
	1328 /L-1329 /L	279	205	6374	OM902...,OM906.			
	1523 A-1524 A	231	170	6374	OM902...,OM906			
	1523 /L-1524 /L	231	170	6374	OM902...,OM906			
	1528 /L-1529 /L	279	205	6374	OM902...,OM906			
AXOR I								
	1823 K	231	170	6374	OM 906.920	02 – 04		
	1823	231	170	6374	OM 906.920			
	2523	231	170	6374	OM 906.920			
	2523 K	231	170	6374	OM 906.920			
	2528	279	205	6374	OM 906.921			
	2623 L	231	170	6374	OM 906.920			





...MERCEDES BENZ

		CV	KW	C.C.			
	...AXOR I						
	2628 B	279	205	6374	OM 906.921	02 - 04	MWP60016
	2628 K	279	205	6374	OM 906.921		
	2628 L	279	205	6374	OM 906.921		
	3228 C	279	205	6374	OM 906.921		
	1835 LS	354	260	11967	OM 457.937	02 - 04	MWP60020
1840 LS	401	295	11967	OM 457.937			
2535 LS	354	260	11967	OM 457.937			
2540 LS	401	295	11967	OM 457.937			
2543 LS	428	315	11967	OM 457.937			
	AXOR II						
	1823 AK-1824 AK	231	170	6374	OM902.913,OM906	04 ->	MWP60016
	1823 K-1824 K	231	170	6374	OM902.913,OM906		
	1823 LS-1824 LS	231	170	6374	OM902.913,OM906		
	1823 /L-1824 /L-LL	231	170	6374	OM902.913,OM906		
	1828 A, 1829 A	279	205	6374	OM902...,OM906		
	1828 AK-1829 AK	279	205	6374	OM902...,OM906		
	1828 K-1829 K	279	205	6374	OM902...,OM906		
	1828 /L-1829 /L-LL	279	205	6374	OM902...,OM906		
	1833 A	326	240	7201	OM 926.913		
	1833 AK	326	240	7201	OM 926.913		
	1833 K	326	240	7201	OM 926.913		
	1833 LS	326	240	7201	OM 926.913		
	1833 /L-LL	326	240	7201	OM 926.913		
	2528 L-2529 L	279	205	6374	OM902...,OM906		
	2533 L	326	240	7201	OM 926.913		
	2628 B-2629 B	279	205	6374	OM902...,OM906		
	2628 K-2629 K	279	205	6374	OM902...,OM906		
	2628-2629	279	205	6374	OM902...,OM906		
	2633	326	240	7201	OM 926.913		
2633 B	326	240	7201	OM 926.913			
2633 K	326	240	7201	OM 926.913			
	1836 LS	360	265	11967	OM 457.937/948	04 ->	MWP60020
	1840 LS	401	295	11967	OM 457.937/948		
	1843 LS	428	315	11967	OM 457.948		
	2535 L, 2536 L	360	265	11967	OM 457.937/948		
	2540 L	401	295	11967	OM 457.937/948		
	2543 L	428	315	11967	OM 457.937/948		
















...MERCEDES BENZ

		CV	KW	C.C.			
	...AXOR II						
	2636 B	360	265	11967	OM 457.937/948	04 ->	MWP60020
	2636 K	360	265	11967	OM 457.937/948		
	2640 B	401	295	11967	OM 457.956/7		
	2640 K	401	295	11967	OM 457.956/7		
	2643 B	428	315	11967	OM 457.956/7		
	2643 K	428	315	11967	OM 457.956/7		
	3236 B	360	265	11967	OM 457.956/7		
	3236 K	360	265	11967	OM 457.956/7		
	3240	401	295	11967	OM 457.937/948		
	3240 B	401	295	11967	OM 457.956/7		
	3240 K	401	295	11967	OM 457.956/7		
	3243	428	315	11967	OM 457.937/948		
	3243 B	428	315	11967	OM 457.956/7		
	3243 K	428	315	11967	OM 457.956/7		
	3335	354	260	11967	OM 457.937		
	3340	401	295	11967	OM 457.937		
	3340 B	428	315	11967	OM 457.956/7		
	3340 K	401	295	11967	OM457937/948/56		
	3343	354	315	11967	OM 457.937		
	CITARO (0530)						
	CITARO N	231	170	6374	OM 906...	98 ->	MWP60016
	CITARO N	279	205	6374	OM 906...		
	CITARO	245	180	6374	OM 906.962 /963	99 ->	
	CITARO G	279	205	6374	OM 906...		
	CITARO	299	220	11967	OM 457.942/934	98 ->	MWP60020
	CITARO	354	260	11967	OM 457.942		
	CITARO N	252	185	11967	OM 457.942		
	CONECTO (0345)						
	CONECTO C, H, UE	279	205	6374	OM 906.960	01 ->	MWP60016





...MERCEDES BENZ

		CV	KW	C.C.			
	...CONECTO (0345) 						
	CONECTO C, H, M, UE	252	185	11967	OM 457.942	01 →	MWP60020
	CONECTO C, H, M, UE	299	220	11967	OM 457.942		
	CONECTO C, H, M, UE	354	260	11967	OM 457.942		
	ECONIC 						
	1823 LL	231	170	6374	OM 906.940	98 →	MWP60016
	1828 LL	279	205	6374	OM 906.941		
	2628	279	205	6374	OM 906.941/952		
	2628 LL	279	205	6374	OM 906.941		
	INTEGRO (0550) 						
	INTEGRO, INTEGRO M	299	220	11967	OM 457.952	06 →	MWP60020
	INTEGRO, INTEGRO M	354	260	11967	OM 457.952		
	INTEGRO L	354	260	11967	OM 457.952		
	INTEGRO L	408	300	11967	OM 457.952		
	LK/LN2 						
	711	122	090	4249	OM 904.905	96 – 98	MWP60017
	811	122	090	4249	OM 904.905		
	814,814L	136	100	4249	OM 904.906	84 – 98	
	814,814L	129	095	5958	OM 356.901...	84 – 98	
	814 F	129	095	5958	OM 356.905...	86 – 98	
	814 K	129	095	5958	OM356.901/2/5	84 – 98	
	814 O, 814 LO	129	095	5958	OM 356.906/932		
	814 S	129	095	5958	OM 356.901/2/5		
	817,817 L	158	116	5958	OM357.900/43/67	86 – 98	
	817 F	158	116	5958	OM366.967/73/51		
	817 K	158	116	5958	OM357.900/43/67	84 – 98	
	817 O, 817 LO	158	116	5958	OM366.969/48/17		
	817 S,817 LS	158	116	5958	OM357.900/43/67	84 – 98	
	914	129	095	5958	OM356.901/5/7	87 – 98	
	914 AK	129	095	5958	OM 356.903/918		
	914 AK	170	125	5958	OM366.944/945	84 – 98	
	914 K	129	095	5958	OM356.901/5/7	87 – 98	
	914 KO	129	095	5958	OM356.901/5/7	94 – 98	
	917	170	125	5958	OM 357.900	87 – 98	
917 AF	158	116	5958	OM357.909/10/66			



...MERCEDES BENZ

		CV	KW	C.C.			
	...LK/LN2						
	917 AK	170	125	5958	OM 357.906	94 – 98	MWP60017
	917 K	170	125	5958	OM 357.900		
	917 KO	170	125	5958	OM 357.901,918		
	1114,1114 L	129	095	5958	OM 356.904...	84 – 98	
	1114 A	131	096	5958	OM366.931/35	87 – 98	
	1114 AK	129	095	5958	OM 366918/931		
	1114 K	129	095	5958	OM 366.907/14	84 – 98	
	1114 S	129	095	5958	OM 366.907/14		
	1117,1117 L	158	116	5958	OM 366.9953/62	87 – 98	
	1117 A	158	116	5958	OM 366.966		
	1117 K	158	116	5958	OM 366.953/62	84 – 98	
	1117 O,1117 LO	158	116	5958	OM 366.971		
	1117 S,1117 LS	158	116	5958	OM 366.953/62		
	1120,1120 L	201	148	5958	OM 366	87 – 98	
	1120 AF	204	150	5958	OM 366.992/994		
	1120 F	204	150	5958	OM 366.992	90 – 98	
	1120 L	170	125	5958	OM 366.962	84 – 98	
	1120 O,1120 LO	204	150	5958	OM 366.993		
	1120 S,1120 LS	201	148	5958	OM 366		
	1214 A	136	100	5958	OM 366.913	87 – 98	
	1314	129	095	5958	OM 366.907,914		
	1314 AK	129	095	5958	OM 366.918/937	84 – 98	
	1314 K	129	095	5958	OM 366.907/914		
	1314 KO	129	095	5958	OM 366.936	84 – 98	
	1317,1317 L	158	116	5958	OM 366.946		
	1317 AK	158	116	5958	OM 366.944/966		
	1317 K	170	125	5958	OM 366.962	84 – 98	
	1317 S,1317 LS	158	116	5958	OM 366.946		
	1320,1320 L	201	148	5958	OM 366.988	84 – 98	
	1320,1320 L	170	125	5958	OM 366.962		
	1320 S,1320 LS	201	148	5958	OM 366.988		
	1324,1324 L	231	170	5958	OM 366.999	91 – 98	
	1324 L	204	150	5958	OM 366.997		
	1324 S,1324 LS	231	170	5958	OM 366.999	84 – 98	
	1514,1514 L	129	095	5958	OM 366.936		
	1514 K	129	095	5958	OM 366.936	89 – 98	
	1517,1517 L	158	116	5958	OM 366.945/979	84 – 98	
	1517 K	158	116	5958	OM 366.945/979	89 – 98	
	1520,1520 L	204	150	5958	OM 366.995	84 – 98	





...MERCEDES BENZ

		CV	KW	C.C.			
	...LK/LN2						
	1520,1520 L	204	150	5958	OM 366.995	84 – 98	MWP60017
	1524,1524 L	231	170	5958	OM 356.999		
	1724	231	170	5958	OM 366.999		
	2020 L	201	148	5958	OM 366.995		
	0 1114 ,0 1114 L	129	095	5958	OM 366.933		
	MK						
	1222	218	160	10964	OM 441.905...	89 – 94	MWP50013
	1222 A, 1222 LA	218	160	10964	OM 441.914...		
	1222 AF	218	160	10964	OM 441.915...		
	1222 F -> M.504397	218	160	10964	OM 441.905...		
	1222 S, 1222 LS	218	160	10964	OM 441.905...	93 – 96	
	1224 AF M.129661->744215	245	180	9572	OM 401.984		
	1226 AF M.129661->744215	245	180	9572	OM 401.973...		
	1226 AF	340	250	10964	OM 441.989	90 – 93	
	1226 AF	265	195	15080	OM 442.907...	92 – 92	
	1227 A M.129661->744215	272	200	9572	OM 401.973...	92 – 96	
	1231 AF	313	230	9572	OM 401.986	89 – 96	
	1234 AF	340	250	10964	OM 441.989...	93 – 94	
	1420 AK	218	160	10964	OM 441.905...	89 – 93	
	1422 M.129661->744215	313	230	9572	OM 401.979	87 – 96	
	1422 F M.129661->744215	245	180	9572	OM 401.973...		
	1422 F	218	160	11310	OM 441.913...	93 – 96	
	1422 S,1422 LS	218	160	11310	OM 441.905		
	1422,1422 L	218	160	11310	OM 441.905	87 – 96	
	1424,1424 L M.129661->744215	245	180	9600	OM401.973/75/94		
	1424 S,1424 LS M.129661->744215	245	180	9600	OM401.975/73/94	93 – 96	
	1426 S,1426 LS	260	191	15080	OM 442.914...		
	1427 M.129661->744215	272	200	9572	OM 401.973	87 – 96	
	1427 F M.129661->744215	272	200	9600	OM 401.985...		
	1427 L ->M.129660	272	200	9572	OM 401.973	93 – 96	
	1427 L M.129661->744215	272	200	9572	OM 401.973		
	1427 L	272	200	9572	OM 401.973	87 – 96	
	1427 S, 1427 LS M.129661->744215	272	200	9572	OM 401.973		
	1429 AF	290	213	15080	OM 442.926	93 – 96	
	1431 M.129661->744215	313	230	9572	OM 401.979		
	1431	290	213	15080	OM 442.907	87 – 96	
	1431 F M.129661->744215	313	230	9572	OM 401.979		
	1624 S M.129661->744215	245	180	9572	OM 401.975	92 – 96	
1627 AF	265	195	15080	OM 442.914...			



...MERCEDES BENZ

		CV	KW	C.C.			
...MK							
	1720 L	205	151	11309	OM 441.916...	88 – 94	MWP50013
	1722, 1722 L, 1722 LL	208	160	10964	OM 441.905...		
	1722, 1722 L, 1722 LL	205	151	11309	OM 441.905...	87 – 96	
	1722	296	218	15080	OM 442.907	88 – 94	
	1722 AK	205	151	11309	OM 441.914...		
	1722 AK M.129661->744215	272	200	9572	OM 401.973...		
	1722 K	208	153	11309	OM 441.905...		
	1722 K M.129661->744215	313	230	9572	OM 401.979	87 – 96	
	1722 S	208	153	11309	OM 441.905...		
	1726, 1726 L, 1726 LL ->M.504397	265	195	15080	OM 442.906...	88 – 94	
	1726 AK ->M.504397	265	195	15080	OM 442.922...		
	1726 K ->M.504397	265	195	15080	OM 440.909...	87 – 96	
	1726 L, 1726 LL	340	250	10964	OM 441.960		
	1726 LL M.129661->744215	272	200	9572	OM 401.973...	88 – 94	
	1726 S, 1726 LS	265	195	15080	OM 442.914...		
	1727 L M.129661->744215	272	200	9572	OM 401.973...	87 – 96	
	1729	286	210	15080	OM 442.906...		
	1729 LS	290	213	15080	OM 442.907	92 – 96	
	1733, 1733 L, 1734 L	330	243	10964	OM 441.960...		
	1733 S, 1733 LS	330	243	10964	OM 441.960...	88 – 94	
	1824	245	180	9572	OM 401.975		
	1824	290	213	15080	OM 442.907	92 – 96	
	1824 AK M.129661->744215	245	180	9572	OM 401.984...		
	1824 K M.129661->744215	245	180	9572	OM 401.975	87 – 96	
	1827, 1827 L M.129661->744215	272	200	9572	OM 401.973...		
	1827 AK M.129661->744215	272	200	9572	OM 401.989...	87 – 96	
	1827 S, 1827 LS M.129661->744215	272	200	9572	OM 401.973...		
	1831, 1831 L M.129661->744215	313	230	9572	OM 401.972...	88 – 94	
	1831 K M.129661->744215	313	230	9572	OM 401.979		
	1831 K M.129661->744215	381	280	12763	OM 402.987	87 – 96	
	1831 S, 1831 LS M.129661->744215	313	230	9572	OM 401.972...		
	1834, 1834 L	340	250	10964	OM 441.986...	89 – 94	
	1834 S, 1834 LS	340	250	10964	OM 441.986...		
	1926	265	195	15080	OM 442.914...	87 – 96	
	2327 L M.129661->744215	272	200	9572	OM 401.973		
	2422	224	160	10964	OM 441.923	87 – 96	
	2422, 2422 L ->M.504397	205	160	10964	OM 441.905...		
	2422, 2422 L	205	151	11309	OM 441.916...	87 – 96	
	2422, 2422 L	208	153	11309	OM 441.905...		





...MERCEDES BENZ

		CV	KW	C.C.			
	...MK						
	2422 K	218	160	11309	OM 441.905...	89 – 94	MWP50013
	2422 L	208	153	11309	OM 441.920	87 – 96	
	2422 L	218	160	10964	OM 441.905,OM 4	90 – 94	
	2426	265	195	15080	OM 442.914,OM 4	87 – 96	
	2426	265	195	15080	OM 442.914,OM 4	90 – 94	
	2426, 2426 L	265	195	15080	OM 442.914,OM 4	87 – 96	
	2426 B	265	195	15080	OM 442.921	90 – 94	
	2426 L	265	195	15080	OM 442.914,OM 4	87 – 96	
	2426 L M.129661->744215	272	200	9572	OM 401.973,OM 4	90 – 94	
	2426 L	340	250	10964	OM 441.960		
	2427 B M.129661->744215	272	200	9572	OM 401.977,OM 4		
	2427 B ->M.504397	286	210	15080	OM 442.923	87 – 96	
	2427 L M.129661->744215	272	200	9572	OM 401.973...		
	2429	286	210	15080	OM 442.906...		
	2431 M.129661->744215	313	230	9572	OM 401.972...	87 – 96	
	2431 M.129661->744215	313	230	9572	OM 401.972...		
	2433,2433 L, 2434 L	330	243	10964	OM 441.960...		
	2433 K	330	249	10964	OM 441.960...	89 – 92	
	2433 L M.129661->744215	313	230	9572	OM 401.979	87 – 96	
	2433 L ->M.504397	330	243	10964	OM 441.960		
	2433 S,2433 LS	330	243	10964	OM 441.960...		
	2522 L	208	153	11309	OM 441.920		
	2522 L	224	165	10964	OM 441.905	92 – 96	
	2524,2524 L M.129661->744215	245	180	9600	OM 401.975...		
	2524 K M.129661->744215	245	180	9600	OM 401.975		
	2524 L M.129661->744215	245	180	9572	OM 401.975	87 – 96	
	2527 M.129661->744215	272	200	9572	OM 401.973	93 – 96	
	2527 B M.129661->744215	272	200	9572	OM 401.973...	91 – 96	
	2527 L ->M. 504397	265	195	15078	OM 442.914	91 – 94	
	2527 L M.129661->744215	272	200	9572	OM 401.973...	92 – 96	
	2531,2531 L M.129661->744215	313	230	9572	OM 401.972...	87 – 96	
	2531 B M.129661->744215	313	230	9572	OM 401.979		
	2531 L M.129661->744215	313	230	9572	OM 401.972...		
	2531 L M.129661->744215	313	230	9572	OM 401.979		
	2534,2534 L	340	250	10964	OM 441.986...	91 – 96	
	2534 K	340	250	10964	OM 441.986...		
	2534 L	313	230	9572	OM 401.974...		
	2534 S,2534 LS	340	250	10964	OM 441.986...	87 – 96	
	3231 L M.129661->744215	313	230	9572	OM 401.972...		





...MERCEDES BENZ

		CV	KW	C.C.			
	...MK						
	1224 AF	231	170	5958	OM 366.999	93 – 96	MWP60017
	1417 A-AK-K	165	121	5958	OM 366.952	89 – 96	
	1717 /AK-K-L	175	129	5958	OM 366.952	87 – 96	
	1720,1720 L	204	150	5958	OM 366.983		
	1722 L	204	150	5958	OM 366.983	88 – 94	
	NG						
	1019 AF M.129661->744215	192	141	9570	OM 401.919/22	79 – 82	MWP50013
	1019 AF M.129661->744215	196	144	10456	OM 401.924		
	1019 F M.129661->744215	192	141	9570	OM 401.919/922		
	1219 M.129661->744215	192	141	9570	OM 401.914...	75 – 84	
	1219 A M.129661->744215	192	141	9570	OM 401.905/906	75 – 82	
	1219 S M.129661->744215	192	141	9570	OM 401.914/915	75 – 84	
	1219 F ->M.129660	192	141	9570	OM 401.918		
	1219 F M.129661->744215	192	141	9570	OM 401.918		
	1219 AF M.129661->744215	192	141	9570	OM 401.919		
	1219 K M.129661->744215	192	141	9570	OM 401.905/906		
	1219 AK ->M.129660	192	141	9570	OM 401.905		
	1219 AK M.129661->744215	192	141	9570	OM 401.905		
	1225 AF	290	213	15080	OM 442.907	82 – 91	
	1419,1419 L M.129661->744215	192	141	9570	OM 401.914	73 – 96	
	1419 S,1419 LS ->M.129660	192	141	9570	OM 401.905		
	1419 S,1419 LS M.129661->744215	192	141	9570	OM 401.905		
	1419 AS M. 129661->744215	192	141	9570	OM 401.914	75 – 82	
	1419 F M.129661->744215	192	141	9570	OM 401.914/919		
	1419 AK M.129661->744215	192	141	9570	OM 401.905	75 – 84	
	1422 S,1422 LS M.129661->744215	216	159	10900	OM 401.905	73 – 96	
	1424,1424 L M.129661->744215	240	176	12800	OM 402.910...		
	1424 S,1424 LS M.129661->744215	240	176	12800	OM 402.910...		
	1424 K M.129661->744215	240	176	12800	OM 402.910...	75 – 87	
	1424 F M.129661->744215	240	176	12800	OM 402.919		
	1425 AF	250	184	14618	OM 422.909	73 – 96	
	1429 AF	290	213	15080	OM 442.907		
	1619,1619 L M.129661->744215	192	141	9570	OM 401.905/914	74 – 84	
	1619 S M.129661->744215	192	141	9570	OM 401.905/914		
	1619 K M.129661->744215	192	141	9570	OM 401.905		
	1619 AK M.129661->744215	192	141	9570	OM 401.905		
	1619 KO M.129661->744215	192	141	9570	OM 401.905...		





...MERCEDES BENZ

		CV	KW	C.C.			
	...NG						
	1624,1624 L M.129661->744215	240	176	12800	OM 402.911...	73 – 96	MWP50013
	1624 S,1624 LS M.129661->744215	240	176	12800	OM 402.911		
	1624 K M.129661->744215	240	176	12800	OM 402.910	75 – 82	
	1626,1626 L M.129661->744215	256	188	12800	OM 402.912	73 – 96	
	1626 S,1626 LS M.129661->744215	256	188	12800	OM 402.906...		
	1626 AS M.129661->744215	256	188	12800	OM 402.906...	74 – 80	
	1626 K M.129661->744215	256	188	12800	OM 402.906	73 – 80	
	1626 AK M.129661->744215	256	188	12800	OM 402.906		
	1632,1632 L M.129661->744215	320	235	15900	OM 403.931,OM 4	73 – 96	
	1632 S,1632 LS M.129661->744215	320	235	15900	OM403.916/31/32		
	1632 AS M.129661->744215	320	235	15900	OM 403.916...	74 – 83	
	1632 K M.129661->744215	320	235	15900	OM 403.916	73 – 82	
	1632 AK M.129661->744215	320	235	15900	OM 403.916		
	1635,1635 L	354	260	14618	OM 442.950...	73 – 96	
	1635 K	354	260	14618	OM 442.950...	86 – 89	
	1644	435	320	14618	OM 442.951...		
	1644 S,1644 LS	435	320	14618	OM 442.951...	73 – 96	
	1719 M.129661->744215	192	141	9570	OM 401.909/916	73 – 82	
	1719 S M.129661->744215	192	141	9570	OM 401.909/916		
	1719 AK M.129661->744215	192	141	9570	OM 401.909		
	1919 M.129661->744215	192	141	9570	OM 401.909/916	74 – 82	
	1919 S M.129661->744215	192	141	9570	OM 401.909...		
	1919 K M.129661->744215	192	141	9570	OM 401.909		
	1919 AK M.129661->744215	192	141	9570	OM 401.909		
	1926 M.129661->744215	256	188	12800	OM 402.912...	74 – 80	
	1926 A M.129661->744215	256	188	12800	OM 402.906...		
	1926 S,1926 LS M.129661->744215	256	188	12800	OM 402.906...	73 – 96	
	1926 AS M.129661->744215	256	188	12800	OM 402.906...	74 – 80	
	1926 K M.129661->744215	256	188	12800	OM 402.906...	73 – 80	
	1926 AK M.129661->744215	256	188	12800	OM 402.906...		
	1932 M.129661->744215	320	235	15900	OM 403.916...	74 – 83	
	1932 A M.129661->744215	320	235	15900	OM 403.916...		
	1932 S,1932 LS M.129661->744215	320	235	15900	OM 403.916/931	73 – 96	
	1932 AS M.129661->744215	320	235	15900	OM 403.916/931	74 – 82	
	1932 K M.129661->744215	320	235	15900	OM 403.916/931	73 – 82	
	1932 AK M.129661->744215	320	235	15900	OM 403.916/931	73 – 83	
	1935	354	260	14618	OM 442.950...	86 – 89	
	1935 S,1935 LS	354	260	14618	OM 442.950...	73 – 96	



...MERCEDES BENZ

		CV	KW	C.C.			
	...NG						
	1935 AK	354	260	14618	OM 442.962	87 – 91	MWP50013
	1935 AS	354	260	14618	OM 442.962		
	1944	435	320	14618	OM 442.951	85 – 89	
	1944 S,1944 LS	435	320	14618	OM 442.951	73 – 96	
	2026 S M.129661->744215	256	188	12800	OM 402.912	76 – 80	
	2028 A	354	260	14618	OM 442.950	80 – 89	
	2032 S M.129661->744215	320	235	15900	OM 403.931...	75 – 83	
	2035 S,2035 LS M.129661->744215	354	260	14618	OM 442.950...	73 – 96	
	2219,2219 L M.129661->744215	192	141	9570	OM 401.923...		
	2219 M.129661->744215	192	141	9570	OM 401.926		
	2219 K ->M.129660	192	141	9570	OM 401.925	76 – 87	
	2219 K M.129661->744215	192	141	9570	OM 401.925		
	2219 KO M.129661->744215	192	141	9570	OM 401.914/926		
	2222 L	216	159	10964	OM 421.905...	73 – 96	
	2222 L	216	159	11309	OM 441.914...		
	2224 M.129661->744215	240	176	12800	OM 402.911...		
	2224 S M.129661->744215	240	176	12800	OM 402.911...	76 – 82	
	2224 K M.129661->744215	240	176	12800	OM 402.910...		
	2224 B M.129661->744215	240	176	12800	OM 402.914	75 – 84	
	2226,2226 L M.129661->744215	256	188	12800	OM 402.912...	73 – 96	
	2226 M.129661->744215	256	188	12800	OM 402.912...	75 – 80	
	2226 S,2226 LS M.129661->744215	256	188	12800	OM 402.912...		
	2232,2232 L M.129661->744215	320	235	15900	OM 403.931/932	73 – 96	
	2232 M.129661->744215	320	235	15900	OM 403.931/932	74 – 83	
	2232 S,2232 LS M.129661->744215	320	235	15900	OM 403.931/932		
	2235,2235 L	354	260	14618	OM 442.950	73 – 96	
	2235 S, 2235 LS	354	260	14618	OM 442.950		
	2235 K	354	260	14618	OM 442.950	86 – 89	
	2244,2244 L	435	320	14618	OM 442.951...	73 – 96	
	2244 S	435	320	14618	OM 442.951	85 – 89	
	2422	218	160	10964	OM 441.905...		
	2422	218	160	11309	OM 441.919...	73 – 96	
	2444 LS	435	320	14618	OM 442.951...		
	2536 AK	354	260	14618	OM 442.950...	81 – 91	
	2626 M.129661->744215	256	188	12800	OM 402.906...	75 – 81	
	2626 S M.129661->744215	256	188	12800	OM 402.906...		
	2626 K M.129661->744215	256	188	12800	OM 402.906...	73 – 81	
	2626 B M.129661->744215	256	188	12800	OM 402.906...	74 – 80	





...MERCEDES BENZ

		CV	KW	C.C.			
	...NG						
	2626 A M.129661->744215	256	188	12800	OM 402.906...		75 – 81
	2626 AS M.129661->744215	256	188	12800	OM 402.906...		73 – 81
	2626 AK M.129661->744215	256	188	12800	OM 402.906...		74 – 80
	2626 AB M.129661->744215	256	188	12800	OM 402.906...		74 – 83
	2632 M.129661->744215	321	236	15900	OM 403.916...		73 – 83
	2632 S M.129661->744215	321	236	15900	OM403.916/31/32		74 – 83
	2632 K M.129661->744215	321	236	15900	OM403.916/31/35		73 – 83
	2632 A M.129661->744215	321	236	15900	OM 403.916/932		73 – 83
	2632 AS M.129661->744215	321	236	15900	OM403.916/31/32		74 – 83
	2632 AK M.129661->744215	321	236	15900	OM403.916/31/35		73 – 83
	2635	354	260	14618	OM 442.950...		86 – 91
	2635 S	354	260	14618	OM 442.950...		87 – 91
	2635 A	366	269	14618	OM 442.962		73 – 96
	2635 AS	366	269	14618	OM 442.962		85 – 90
	2635 AK	366	269	14618	OM 442.962		87 – 89
	2644	435	320	14618	OM 442.951...		87 – 90
	2644 S	435	320	14618	OM 442.953...		73 – 96
	3025 K	250	184	14618	OM 442.920		82 – 90
	3235	354	260	14618	OM 442.944		84 – 91
	3335	354	260	14618	OM 442.950...		84 – 91
3335 A	354	260	14618	OM 442.962		73 – 96	
3336 A	354	260	14618	OM 442.952...		84 – 91	
3338	354	260	14618	OM 442.950		84 – 91	
3535 K	354	260	14618	OM 442.950...		73 – 96	
3535 AK	354	260	14618	OM 442.950...		82 – 90	
3544	435	320	14618	OM 442.951...		84 – 91	
3544 S	435	320	14618	OM 442.951...		84 – 91	
	1217 CA	170	125	5960	OM 366.960		84 – 91
	1414, 1414K	136	100	5960	OM 366.906		73 – 96
	1417 C-CA-CAK-CK	170	125	5960	OM 366.951/952		84 – 91
	1420,1420 L,1420 LS	204	150	5958	OM 366.983		73 – 96
	1614	136	100	5960	OM 366.906		84 – 91
	1614 K	136	100	5960	OM 366.909		84 – 91
	1617 C,1617 CL	170	125	5960	OM 366.951/952		73 – 96
	1617 CAK, 1617 CK, 1617CS	170	125	5960	OM 366.951/952		84 – 91
	1620,1620 L	204	150	5958	OM 366.983		73 – 96
	2220,2220 L	204	150	5958	OM 366.983		73 – 96

MWP50013

MWP60017



...MERCEDES BENZ

		CV	KW	C.C.			
	SK						
	1728, 1729, 1729 L	286	210	15080	OM 442.906...	87 – 96	MWP50013
	1729 AK	290	213	15080	OM 442.907...	88 – 93	
	1729 K	290	213	15080	OM 442.906...	88 – 94	
	1729 S, 1729 LS	286	210	15080	OM 442.906...	87 – 96	
	1735, 1735 L	354	260	14618	OM 442.944...		
	1735 AK	354	260	14618	OM 442.942...	89 – 94	
	1735 K	340	250	14618	OM 442.944...	88 – 94	
	1735 L	296	218	14618	OM 442.906	88 – 94	
	1735 S, 1735 LS	354	260	14618	OM 442.944...		
	1748, 1748 L	480	353	14618	OM 442.985...	87 – 96	
	1748 S, 1748 LS	480	353	14618	OM 442.985...		
	1831, 1831 L M.129661->744215	313	230	9572	OM401.972/79/93		
	1831 AK M.129661->744215	313	230	9572	OM 401.986	91 – 96	
	1831 K M.129661->744215	313	230	9572	OM401.972/79/93	92 – 96	
	1831 S, 1831 LS M.129661->744215	313	230	9572	OM401.972/79/93	87 – 96	
	1834, 1834 L	340	250	10964	OM 441.986...		
	1834 AK	340	250	10964	OM 441.989	88 – 93	
	1834 S, 1834 LS	340	250	10964	OM 441.986...	87 – 96	
	1838, 1838 L M.129661->744215	381	280	12763	OM 402.971...		
	1838 AK M.129661->744215	381	280	12763	OM 402.978...	92 – 96	
	1838 K M.129661->744215	381	280	12763	OM 402.971...	90 – 96	
	1838 S, 1838 LS M.129661->744215	381	280	12763	OM 402.971...	87 – 96	
	1840 LS M.129661->744215	381	280	12763	OM 402.971	91 – 92	
	1850, 1850 L ->M.504397	492	362	14618	OM 442.985...		
	1850 LAS ->M. 504397	492	362	14618	OM 440.973...	87 – 96	
	1850 S, 1850 LS ->M.504397	492	362	14618	OM 442.985...		
	1922	218	160	11310	OM 441.905...		
	1922 AK	218	160	11310	OM 441.914...	89 – 94	
	1922 K	218	160	11310	OM 441.905...		
	1922 S	218	160	11310	OM 441.905...		
	1929, 1929 L	286	210	15080	OM 442.906...	87 – 96	
	1929 A	286	210	15080	OM 442.906...	88 – 94	
	1929 A	366	269	15080	OM 442.971	88 – 93	
	1929 AK	286	210	15080	OM 442.906...		
	1929 AS	290	213	15080	OM 442.906...	88 – 94	
	1929 K	286	210	15080	OM 442.906...		
	1929 S	286	210	15080	OM 442.906...		
	1935	354	260	14620	OM 442.943...	89 – 94	





...MERCEDES BENZ

		CV	KW	C.C.			
	...SK						
	1935 AK	340	250	14620	OM 442.942...	89 – 94	MWP50013
	1935 AS	340	250	14620	OM 442.942...		
	1935 K	340	250	14620	OM 442.943...		
	1935 S	366	269	14620	OM 442.943...		
	1948	480	353	14618	OM 442.982...	88 – 92	
	2024 M.129661->744215	245	180	9600	OM 401.975	93 – 96	
	2024 AK M.129661->744215	245	180	9600	OM 401.984		
	2024 K M.129661->744215	245	180	9600	OM 401.975		
	2027 AK M.129661->744215	272	200	9572	OM 401.989		
	2031 M.129661->744215	313	230	9572	OM 401.972...	92 – 96	
	2031 A M.129661->744215	313	230	9572	OM 401.986		
	2031 A M.129661->744215	381	280	12763	OM 402.978...		
	2031 AS M.129661->744215	313	230	9572	OM 401.986		
	2031 K M.129661->744215	313	230	9572	OM401.972/73/93	91 – 96	
	2038 M.129661->744215	381	280	12763	OM 402.971...		
	2038 AS M.129661->744215	381	280	12763	OM 402.978	92 – 96	
	2050	492	362	14618	OM 442.985...	91 – 96	
	2050 S	492	362	14618	OM 442.985...		
	2055 AF	503	370	14618	OM 442.997	92 – 96	
	2422 L	218	160	10964	OM 441.905...	87 – 96	
	2429	286	210	15080	OM 442.906...	88 – 94	
	2429	280	206	14618	OM 422.916	87 – 96	
	2429 ->M 146024	280	206	14618	OM 422.916		
	2429,2429 L	290	213	15080	OM 442.906...		
	2429, 2429 L	285	210	15080	OM 442.906...		
	2429 K	286	210	15080	OM 442.906...	88 – 94	
	2429 S	290	213	15080	OM 442.906...		
	2429 S,2429 LS	290	213	15080	OM 442.906...	87 – 96	
	2434 L	340	250	10964	OM 441.986...		
	2435	340	250	14618	OM 442.944...		
	2435,2435 L	354	260	14618	OM 442.943...	88 – 94	
	2435 K	340	250	14618	OM 442.943...		
	2435 LS	354	260	14618	OM 442.944...	87 – 96	
	2435 S	340	250	14618	OM 442.943...	88 – 94	
	2435 S,2435 LS	354	260	14618	OM 442.943...	87 – 96	
	2448	480	353	14618	OM 442.985...	88 – 92	
	2448,2448 L	480	353	14618	OM 442.984...	87 – 96	
	2448 LS	480	353	14618	OM 442.984...	88 – 92	





...MERCEDES BENZ

		CV	KW	C.C.			
	...SK						
	2448 S	480	353	14618	OM 442.985...	88 – 92	MWP50013
	2531 M.129661->744215	313	230	9572	OM 401.986	91 – 96	
	2531, 2531 L M.129661->744215	313	230	9572	OM401.979/86/93	87 – 96	
	2534, 2534 L	340	250	10964	OM 441.996...		
	2538 M.129661->744215	381	280	12763	OM 402.971...	91 – 96	
	2538 ->M.504397	503	370	14618	OM 440.971...		
	2538,2538 L M.129661->744215	381	280	12763	OM 402.971...	87 – 96	
	2538 K, 2538 LK M.129661->744215	381	280	12763	OM 402.985...	91 – 96	
	2538 K, 2538 LK ->M.504397	492	362	14618	OM 440.971...		
	2538 S,2538 LS M. 129661->744215	381	280	12763	OM 402.971...	87 – 96	
	2550	492	362	14618	OM 442.989,OM 4		
	2550 ->M.504397	503	370	14618	OM 440.971...	91 – 96	
	2550,2550 L ->M.504397	503	370	14618	OM 440.971...	87 – 96	
	2550 K ->M.504397	492	362	14618	OM 440.981...		
	2550 S, 2550 LS ->M.504397	503	370	14618	OM 440.971...	91 – 96	
	2629	290	213	15080	OM 442.906...		
	2629	366	269	14618	OM 442.959		
	2629 A M.129661->744215	381	280	12763	OM 402.982		
	2629 A ->M.504397	492	362	14618	OM 440.971...		
	2629 A ->M.504397	366	269	14618	OM 442.942...		
	2629 A ->M.504397	290	213	15080	OM 442.907...		
	2629 AK ->M.504397	366	269	14618	OM 442.942...		
	2629 AK ->M.504397	492	362	14618	OM 440.971...		
	2629 AK	290	213	15080	OM 442.907...	88 – 94	
	2629 AS	290	213	15080	OM 442.907...		
	2629 AS	492	362	14618	OM 442.989...		
	2629 B	290	213	15080	OM 442.906...		
	2629 K M.129661->744215	313	230	9572	OM 401.979		
	2629 K ->M.504397	492	362	14618	OM 442.989		
	2629 K	290	213	15080	OM 442.906...		
	2629 S	290	213	15080	OM 442.906...		
	2631 M.129661->744215	313	230	9572	OM401.972/79/87		
	2631 ->M.504397	313	230	10964	OM 445.920...		
	2631 A M.129661->744215	313	230	9572	OM 401.986	92 – 96	
	2631 AK, 2634 AK M.129661->744215	313	230	9572	OM 401.986		
	2631 AS M.129661->744215	313	230	9572	OM 401.986		
	2631 B M.129661->744215	313	230	9572	OM401.972/79/93		
	2631 K M.129661->744215	313	230	9572	OM401.972/79/93	88 – 94	





...MERCEDES BENZ

		CV	KW	C.C.			
	...SK						
	2631 K ->M504397	313	230	10964	OM 441.998...		88 – 94
	2631 S M.129661->744215	313	230	9572	OM401.972/79/87		92 – 96
	2631 S ->M.504397	313	230	10964	OM 445.929...		
	2634 S ->M.504397	340	250	10964	OM 441.986		
	2635	354	260	14618	OM 442.944...		88 – 94
	2635	503	370	14618	OM 442.997...		91 – 94
	2635	286	210	15078	OM 442.909...		88 – 94
	2635 A	354	260	14618	OM 442.942...		90 – 94
	2635 AK ->M.504397	340	250	14618	OM 440.941...		
	2635 AK ->M.504397	492	362	14618	OM 440.971...		
	2635 AS ->M.504397	340	250	14618	OM 440.941...		92 – 94
	2635 AS	492	362	14618	OM 442.989		90 – 96
	2635 K M.129661->744215	381	280	12763	OM 402.971		91 – 94
	2635 K	340	250	14618	OM 442.944...		88 – 94
	2635 K ->M.504397	492	362	14618	OM 442.989...		
	2635 S	340	250	14618	OM 442.944...		
	2635 S	492	362	14618	OM 442.989...		
	2638, 2638 L	381	280	12763	OM 402.971...		91 – 96
	2638 A M.129661->744215	381	280	12763	OM 402.975...		
	2638 AK M.129661->744215	381	280	12763	OM 402.975...		92 – 96
	2638 AK	503	370	14618	OM 442.997		91 – 96
	2638 AS M.129661->744215	381	280	12763	OM 402.975...		92 – 96
	2638 K M.129661->744215	381	280	12763	OM 402.971...		91 – 96
	2638 K	492	362	14618	OM 442.989		
	2638 K ->M.504397	503	370	14618	OM 440.981...		
	2638 S ->M.504397	503	370	14618	OM 440.981...		
	2645 AS	492	362	14618	OM 442.989		90 – 96
	2648 AK	492	362	14618	OM 442.989...		90 – 94
	2648 AS	492	362	14618	OM 442.989...		88 – 94
	2648 S	447	329	14618	OM 442.983		88 – 92
	2648 S	480	353	14618	OM 442.985...		
	2650, 2650 L	492	362	14618	OM 442.997...		92 – 96
	2650 AK	492	362	14618	OM 440.971...		88 – 94
	2650 AS ->M504397	492	362	14618	OM 440.982...		94 – 96
	2650 K	492	362	14618	OM 442.989...		88 – 94
	2650 S	503	370	14618	OM 440.971...		92 – 96
	3229	290	213	15078	OM 442.915...		89 – 94
	3229 B	290	213	15078	OM 442.915...		89 – 92



MWP50013



...MERCEDES BENZ

		CV	KW	C.C.			
	...SK						
	3229 K	286	210	15078	OM 442.915...	89 – 92	MWP50013
	3233 B ->M.504395	340	250	10964	OM 441.982...	90 – 92	
	3233 K ->M.504397	340	250	10964	OM 441.982	90 – 92	
	3234 B ->M.504397	340	250	10964	OM 441.988...	92 – 96	
	3234 K ->M.504397	340	250	10964	OM 441.988...	92 – 96	
	3235	354	260	14618	OM 442.959...	88 – 92	
	3235	354	260	14618	OM 442.944...	88 – 94	
	3235 K	354	260	14618	OM 442.950...	87 – 92	
	3235 L	354	260	14618	OM 442.944...	87 – 96	
	3238 M.129661->744215	381	280	12763	OM 402.971...	90 – 96	
	3238 ->M.504397	492	362	14618	OM 440.971...	90 – 96	
	3238 M.129661->744215	381	280	12763	OM 402.971...	91 – 96	
	3238 L M.129661->744215	381	280	12763	OM 402.985...	87 – 96	
	3248	480	353	14618	OM 442.984...	87 – 96	
	3248	480	353	14618	OM 442.985...	87 – 96	
	3250 L ->M.504397	503	370	14618	OM 440.971...	87 – 96	
	3529	290	213	15080	OM 442.906...	88 – 94	
	3534 K ->M.504397	340	250	10964	OM 441.988...	93 – 96	
	3535 S	354	260	14618	OM 442.944...	88 – 94	
	3535 AK M.129661->744215	381	280	12763	OM 402.982...	91 – 94	
	3535 AK	362	266	14618	OM 442.946...	90 – 94	
	3535 B	366	269	14618	OM 442.945...	88 – 94	
	3535 B	492	362	14618	OM 442.989...	88 – 94	
	3535 K M.129661->744215	381	280	12763	OM 402.982...	91 – 94	
	3535 K	366	269	14618	OM 442.945...	88 – 94	
	3535 K	492	362	14618	OM 442.989	88 – 94	
	3535 K	354	260	14618	OM 442.942....	87 – 96	
	3535 S	340	250	14618	OM 440.940...	88 – 94	
	3538 M.129661->744215	381	280	12763	OM 402.971....	91 – 96	
	3538 M.129661->744215	381	280	12763	OM 402.973...	91 – 96	
	3538 AK M.129661->744215	381	280	12763	OM 402.973...	91 – 96	
	3538 AK ->M.504397	503	370	14618	OM 440.975...	91 – 96	
	3538 K M.129661->744215	381	280	12763	OM 402.973...	91 – 96	
	3538 K ->M.504397	492	362	14618	OM 440.975...	91 – 96	
	3548	492	362	14618	OM 442.993...	91 – 96	
	3550 K ->M.504397	503	370	14618	OM 440.975...	91 – 96	
	3550 S ->M.504397	492	362	14618	OM 440.975...	92 – 96	
	3550 S, 3553 S	503	370	14618	OM 442.997...	92 – 96	





...MERCEDES BENZ

		CV	KW	C.C.			
	TOURINO (0510)						
	TOURINO	245	180	6374	OM 906.962	03 →	MWP60016
	TOURINO	279	205	6374	OM 906.961		
	TOURISMO (0350)						
	TOURISMO RHD, SHD	354	260	11967	OM 457.944	03 →	MWP60020
	TOURISMO RHD, SHD	422	310	11967	OM 457.944		
	UNIMOG						
	U 400	231	170	6374	OM 906.935	00 →	MWP60016
	U 500 /JGN NA	231	170	6374	OM 906.935		
	U 500 /JGN NA	279	205	6374	OM 906.955/967		
	U 5000	231	170	6374	OM 906.935	02 →	
	U 1000	102	075	5958	OM 366.915	88 →	MWP60017
	U 1200	125	092	5958	OM 366.949		
	U 1200T	125	092	5958	OM 366.949		
	U 1250,U 1250L	125	092	5958	OM 366.949		
	U 1250L	136	100	5958	OM 366.955		
	U 1350L	136	100	5958	OM 366.955		
	U 1400	136	100	5958	OM 366.947		
	U 1450,U 1450L	136	100	5958	OM366.947/48/55		
	U 1550L	204	150	5958	OM 366.984		
	U 1550L	136	100	5958	OM 366.955/56		
	U 1550L	170	125	5958	OM 366.963	92 →	
	U 1600	156	115	5958	OM 366.949	88 →	
	U 1600	204	150	5958	OM 366.984	89 →	
	U 1650,U 1650L	156	115	5958	OM 366.948/49	88 →	
	U 1650,U 1650L	204	150	5958	OM 366.984	89 →	
U 1700	166	122	5958	OM 366.963	88 →		
U 1700T	166	122	5958	OM 366.963			
U 1750,U 1750L	166	122	5958	OM 366.963			



...MERCEDES BENZ

		CV	KW	C.C.			
	...UNIMOG						
	U 1750,U 1750L	166	122	5958	OM 366.963		MWP60017
	U 2100	211	155	5958	OM 366.984	89 ->	
	U 2100T	211	155	5958	OM 366.984		
	U 2150	211	155	5958	OM 366.984		
	U 2150,U 2150L	211	155	5958	OM 366.984		
	U 900	110	081	5958	OM 366.939		
	VARIO						
	613 D, 614 D	129	095	4250	OM 904.908	96 ->	MWP60016
	615 D, 616 D	152	112	4250	OM 904.923	98 ->	
	812 DT	136	100	4250	OM 904.908	96 ->	
	812 DT	152	112	4250	OM 904.923		
	813 D/DA, 814 D/DA	129	095	4250	OM 904.908		
	815 D, 816 D	152	112	4250	OM 904.923		
	815 DA, 816 DA	152	112	4250	OM 904.923		
	O 810	102	075	4250	OM 904.904		
	O 814	136	100	4250	OM 904.908		
	O 815	152	112	4250	OM 904.923		





RENAULT

		CV	KW	C.C.					
	C							MWP70023	
	C 340.19/T (E2-E3)	339	249	9839	MIDR 06.20.45	90 – 98			
	G								
	G 290.17/TD	291	214	9771	MIDR 06.20.45	85 – 89			
	G 340TI.19/T, G 330.19/T	326	240	9839	MIDR 062045 E3	90 – 91			
	KERAX								
	260.18	256	188	9839	MIDR 06.20.45..	97 – 02			
300.18/B-26/A-B	298	219	9839	MIDR 06.20.45..					
340.18-26 /A-B-32 /A	339	249	9839	MIDR 06.20.45..					
	270.18	265	195	11100	dCi 11-270	01 – 02	MWP70024		
	320.18-26	313	230	11100	dCi 11G				
	370.18-26-32	362	266	11100	dCi 11E				
	420.18-26-32-34	412	303	11100	dCi 11C				
	370.18-26-32	370	272	10800	DXi 11	05 –>	MWP70021		
	410.18-26-32	410	302	10800	DXi 11				
	450.18-26-32	450	331	10800	DXi 11				
	460.32	461	339	12800	DXi 13				
	500.32	500	368	12800	DXi 13				
	MAGNUM							04 – 06	MWP90022
	DXi 12 440.18	441	324	12130	DXi 12				
	DXi 12 440.18 T	441	324	12130	DXi 12				
	DXi 12 440.24	441	324	12130	DXi 12				
	DXi 12 440.26	441	324	12130	DXi 12				
	DXi 12 440.26 T	441	324	12130	DXi 12				
	DXi 12 440.26 T	441	324	12130	DXi 12				
	DXi 12 480.18	480	353	12130	DXi 12				
	DXi 12 480.18 T	480	353	12130	DXi 12				
	DXi 12 480.24	480	353	12130	DXi 12				
	DXi 12 480.26	480	353	12130	DXi 12				
	DXi 12 480.26 T	480	353	12130	DXi 12				
	DXi 12 480.26 T	480	353	12130	DXi 12				



...RENAULT

		CV	KW	C.C.			
	...MAGNUM						
	DXI 13 440.19	440	323	12800	DXi 13	09 ->	MWP70021
	DXI 13 460 /18T-24-25-26	461	339	12800	DXi 13		
	DXI 13 480 /19-26	480	353	12800	DXi 13		
	DXI 13 500 /18T-24-25-26	500	368	12800	DXi 13		
	DXI 13 520 /19-24-25-26	520	382	12800	DXi 13		
	MAJOR						
	R 340TI.16/T (E2-E3)	339	249	9839	MIDR 06.20.45	91 - 96	MWP70023
	MANAGER						
	G 340TI.16-17...,G 330.16-17...	326	240	9839	MIDR 06.20.45	91 - 96	
	G 340TI.18/T	339	249	9839	MIDR 06.20.45	92 - 96	
	MAXTER						
	G 260.19	256	188	9800	MIDR 06.20.45..	96 - 97	
	G 270.19	265	195	9839	MIDR 06.20.45..	93 - 96	
	G 280.18	275	202	9839	MIDS 06.20.45..	92 - 93	
	G 300.18-19-26	302	222	9839	MIDR 06.20.45..	92 - 96	
	G 340 TI.18/T	339	249	9839	MIDR 06.20.45..	92 - 97	
	PREMIUM I						
	260.16-18-19	256	188	9839	MIDR 06.20.45..	96 - 06	
	300.16-18-19-26	298	219	9839	MIDR 06.20.45..		
	340.18-19-26	339	249	9839	MIDR 06.20.45..		
400.18D	392	288	11100	MIDR 06.23.56..	00 - 06		
	320.18-24-26	313	230	11100	dCi 11G	00 - 06	MWP70024
	370.18-24-26	362	266	11100	dCi 11E		
	420.18-24-25-26	412	303	11100	dCi 11C		
	PREMIUM II						
	330.18T	330	243	10800	DXi 11	05 ->	MWP70021
	370.18D-26	370	272	10800	DXi 11		
	380.18-19-26-32	381	280	10800	DXi 11		
	410.18D-26	410	302	10800	DXi 11		
	430.18-19-26-32	430	316	10800	DXi 11		
	440.18-19-32	440	324	10800	DXi 11		
	450.18D-24-25	450	331	10800	DXi 11		
	460.18-26-32	460	339	10800	DXi 11		





SCANIA

		CV	KW	C.C.					
	SERIE 2 / 2 SERIES							MWP80028	
	112 H/280	280	206	11000	DS 11.14	81 – 86			
	112 H/305	305	224	11000	DS 11.15				
	112 M/305	305	224	11000	DS 11.15				
	SERIE 3 / 3 SERIES								
	T 113 E/320	320	235	11020	DSC 11.16/17/21	90 – 96			
	T 113 H/320	320	235	11020	DSC 11.16/17/21				
	T 113 H/360	362	266	11020	DSC 11.13/18/23				
	SERIE 4 / 4 SERIES								MWP80025
	114 C/340	340	250	10600	DC 11.01...	98 – 04			
114 C/340	340	250	11000	DSC 11.79	96 – 04				
114 C/380	381	280	10600	DC 11.02	98 – 04				
114 G/340	340	250	11000	DSC 11.79	96 – 04				
114 G/340	340	250	10600	DC 11.01...	98 – 04				
114 G/380	381	280	10600	DC 11.02					
114 L/340	340	250	10600	DC 11.01...					
114 L/380	381	280	10600	DC 11.02...	96 – 04				
124 C/360	360	265	11700	DSC 12.02					
124 C/400	400	294	11700	DSC 12.01					
124 G/360	360	265	11700	DSC 12.02	97 – 04				
124 G/400	400	294	11700	DSC 12.01					
124 L/360	360	265	11700	DSC 12.02					
124 L/400	400	294	11700	DSC 12.01	01 – 04				
124 L/420	420	309	11700	DSC 12.05...					
124 L/440	440	324	11716	DT 12.08					
124 L/470	470	345	11716	DT 12.02	98 – 04				
T 114 C/310	340	250	10600	DC 11.01...					
T 114 C/380	380	280	10600	DC 11.02					
T 114 G/340	340	250	11000	DSC 11.79	96 – 04				
T 114 G/340	340	250	10600	DC 11.01...	98 – 04				
T 114 G/380	380	280	10600	DC 11.02					
T 114 L/340	340	250	11000	DSC 11.79					
T 114 L/340	340	250	10600	DC 11.03...	96 – 04				
T 114 L/380	380	280	10600	DC 11.02					
T 124 C/360	360	265	11700	DSC 12.02					
T 124 C/400	400	294	11700	DSC 12.01	95 – 04				
T 124 C/420	420	309	11700	DSC 12.05...					
T 124 G/360	360	265	11700	DSC 12.02					
T 124 G/400	400	294	11700	DSC 12.01	97 – 04				





...SCANIA

		CV	KW	C.C.			
	SERIE 4 / 4 SERIES						
	T 124 G/420	420	309	11700	DSC 12.05...	97 – 04	MWP80025
	T 124 L/360	360	265	11700	DSC 12.02	95 – 04	
	T 124 L/400	400	294	11700	DSC 12.01	97 – 04	
	T 124 L/420	420	309	11700	DSC 12.05...	96 – 04	
	T 124 /L470	470	345	11716	DT 12.02	01 – 04	
	94 C/260	260	191	9000	DSC 9.12	96 – 04	MWP80026
	94 C/310	310	228	9000	DSC 9.13,DSC 9.		
	94 D/220	220	162	9000	DSC 9.11	99 – 04	
	94 D/230	230	169	9000	DC 9.01,DC 9.04	96 – 04	
	94 D/260	260	191	9000	DSC 9.12,DC 9.0	-> 04	
	94 D/300	299	220	9000	DC 9.03	96 – 04	
	94 D/310	310	228	9000	DSC 9.13,DSC 9.	98 – 04	
	94 G/260	260	191	9000	DSC 9.12	96 – 04	
	94 G/310	310	228	9000	DSC 9.13,DSC 9.	98 – 04	
	114 C/340	340	250	10600	DC 11.01,DC 11.	98 – 04	
	114 C/340	340	250	11000	DSC 11.79		
	114 C/380	381	280	10600	DC 11.02	96 – 04	
	114 G/340	340	250	11000	DSC 11.79		
	114 G/340	340	250	10600	DC 11.01,DC 11.	96 – 04	
	114 G/380	381	280	10600	DC 11.02		
	114 L/340	340	250	10600	DC 11.01,DC 11.	97 – 04	
	114 L/380	381	280	10600	DC 11.02,DC 11.		
	124 C/360	360	265	11700	DSC 12.02	96 – 04	
	124 C/400	400	294	11700	DSC 12.01		
	124 G/360	360	265	11700	DSC 12.02	97 – 04	
	124 G/400	400	294	11700	DSC 12.01		
	124 L/360	360	265	11700	DSC 12.02	01 – 04	
	124 L/400	400	294	11700	DSC 12.01		
	124 L/420	420	309	11700	DSC 12.05,DC 12	96 – 04	
	124 L/440	440	324	11716	DT 12.08		
	124 L/470	470	345	11716	DT 12.02	95 – 04	
	144 C/460	460	338	14200	DSC 14.15		
	144 C/530	530	390	14200	DSC 14.13	00 – 04	
	144 G/460	460	338	14200	DSC 14.15		
	144 G/530	530	390	14200	DSC 14.13	95 – 04	
144 L/460	460	338	14200	DSC 14.15			
164 C/480	480	353	15600	DC 16.02	00 – 04		





...SCANIA

		CV	KW	C.C.			
	...SERIE 4 / 4 SERIES						
	164 L/480	480	353	15600	DC 16.02	00 – 04	MWP80026
	164 L/480	480	353	15600	DC 16.02		
	164 L/580	580	426	15600	DC 16.01		
	94 C/260	260	191	9000	DSC 9.12	96 – 04	MWP80027
	94 C/310	310	228	9000	DSC 9.13/15		
	94 D/220	220	162	9000	DSC 9.11		
	94 D/230	230	169	9000	DC 9.01,DC 9.04	99 – 04	
	94 D/260	260	191	9000	DSC 9.12	96 – 04	
	94 D/310	310	228	9000	DSC 9.13/15		
	94 G/220	220	162	9000	DSC 9.11		
	94 G/260	260	191	9000	DSC 9.12		
	94 G/310	310	228	9000	DSC 9.13/15	98 – 04	
	94 L/310	310	228	9000	DSC 9.13/15		
	114 C/340	340	250	10600	DC 11.01...	96 – 04	
	T 94 C/260	260	191	9000	DSC 9.12	96 – 04	
	T 94 C/310	310	228	9000	DSC 9.13		
	T 94 G/220	220	162	9000	DSC 9.11	99 – 04	
	T 94 G/230	230	169	9000	DC 9.01		
	T 94 G/260	260	191	9000	DSC 9.12	96 – 04	
T 94 G/310	310	228	9000	DSC 9.13...			
	144 C/460	460	338	14200	DSC 14.15	96 – 04	MWP80029
	144 C/530	530	390	14200	DSC 14.13		
	144 G/460	460	338	14200	DSC 14.15		
	144 G/530	530	390	14200	DSC 14.13		
	144 L/460	460	338	14200	DSC 14.15	95 – 04	
	144 L/530	530	390	14200	DSC 14.13		
	T 144 C/460	460	338	14200	DSC 14.15	97 – 04	
	T 144 G/460	460	338	14200	DSC 14.15		
	T 144 G/530	530	390	14200	DSC 14.13	95 – 04	
	T 144 L/ 42	460	338	14200	DSC 14.15		
	T 144 L/530	530	390	14200	DSC 14.13	97 – 04	



...SCANIA

		CV	KW	C.C.				
SERIE P-G-R-T / P-G-R-T SERIES								
	230	230	169	8867	DC9.01/04/13/16	06 ->	MWP80026	
	260	260	191	9000	DC 9.02,DC 9.05	04 ->		
	260	260	191	11020	OSC 11.03			
	270	270	198	8867	DC 9.12,DC 9.17			
	280	280	206	9300	DC 9.29			
	310	310	228	8867	DC 9.11,DC 9.18			
	340	340	250	11700	DC 12.10			
	340	340	250	11700	DC 12.10			
	360	360	265	12742	DC 13.06			10 ->
	380	380	279	11700	DC 12.13			04 ->
	400	400	294	12742	DC 13.05			08 ->
	420	420	309	11716	DC 12.11/12/14	04 ->		
	440	440	324	12742	DC 13.10	10 ->		
	470	470	345	11716	DT 12.06,DT 12.	04 ->		
	480	480	353	11716	DT 12.17			
	500	500	368	15600	DC1604/06/09/19	06 ->		
	560	560	412	15600	DC 16.05	04 ->		
	580	580	426	15600	DC 16.03			
	620	620	456	15600	DC 16.08,DC 16.	06 ->		



1

2

3

4



VOLVO

		CV	KW	C.C.				
	B 6							
	B 6 Excellence 1000-Midi	000	000		TD 63 E	91 – 98	MWP90030	
	B 6 SN9	000	000		D6			
	B 7							
	B 7 T->30000	000	000		TD 73	00 ->		
B 9								
	B 9	260	191	9364	D9B260	05 ->	MWP70021	
	B 9	310	228	9364	D9B310			
	B 9	360	265	9364	D9B360			
	B 12/B12R							
	B 12	356	262	11980	TD 122 FH	92 ->	MWP90022	
	B 12	396	291	11980	TD 122 FL,TD 12			
	B 12	420	309	12100	D12A420			
	B 12	420	309	12100	D12A420	06 ->		
	B 12	340	250	12100	DH12D340,DH12E3			
	B 12	380	280	12100	DH12E380			
	B 12	460	338	12100	DH12E460			
FH								
	400	400	294	12800	D13A400,D13B400	05 ->	MWP70021	
	420	420	309	12800	D13C420	09 ->		
	440	440	324	12800	D13A440,D13B440	05 ->		
	460	460	338	12800	D13C460	09 ->		
	480	480	353	12800	D13A480	05 ->		
	500	500	368	12800	D13B500,D13C500	07 ->		
	520	520	382	12800	D13A520	05 ->		
	540	540	397	12800	D13C540	09 ->		
	550	550	404	16120	D16C550	05 ->		
	610	610	449	16120	D16C610	05 ->		
FH 12								
	FH 12/340 T->2911152 (mot.D12C)	340	250	12100	D12A/C/D340	93 ->	MWP90022	
	FH 12/380 T->2911152 (mot.D12C)	379	279	12100	D12A/C/D380			
	FH 12/420 T->2911152 (mot.D12C)	420	309	12100	D12A/C/D420			
	FH 12/460 T->2911152 (mot.D12C)	460	338	12100	D12C460,D12D460			



...VOLVO

		CV	KW	C.C.			
	FH 16						
	520	610	449	16120	D16C610	03 ->	MWP70021
	540-550	540	396	16120	D16C550,D16E540		
	600	600	441	16120	D16G600	09 ->	
	610	610	449	16120	D16C610	03 ->	
	660	660	485	16120	D16E660	06 ->	
	FL 6						
	FL 608	147	108	5480	TD 61 G/A	85 - 99	MWP90030
	FL 608	171	126	5480	D6A180,TD 63 E	91 - 99	
	FL 608	209	154	5480	D6A210,TD 63 ES	93 - 99	
	FL 610	152	112	5480	TD 61 G	85 - 94	
	FL 610	204	150	5480	TD 61 F		
	FL 611	147	108	5480	TD 61 G/GA	85 - 00	
	FL 611	171	126	5480	D6A180...		
	FL 611	171	126	5480	D6A180,TD 61 GC	94 - 00	
	FL 611	209	154	5480	D6A210,TD 63 ES		
	FL 611	209	154	5480	D6A210,TD 63 ES	85 - 99	
	FL 612	178	131	5480	D6A180,TD 61 GC		
	FL 612	180	132	5480	TD 61 GC,TD 61	91 - 99	
	FL 612	209	154	5480	TD 63 ES,D6A210		
	FL 612	230	169	5480	D6A230	95 - 99	
	FL 612	250	184	5480	D6A250		
	FL 614	178	131	5480	TD63E,TD61GS...	85 - 00	
	FL 614	180	132	5480	D6A180	95 - 00	
	FL 614	204	150	5480	D6A, TD61F/63ES	85 - 00	
	FL 614	209	154	5480	D6A210	95 - 00	
	FL 614	230	169	5480	D6A230		
	FL 614	230	169	5480	D6A230		
	FL 614	250	184	5480	D6A250		
	FL 615	180	132	5480	D6A180,TD 63 E		
	FL 615	209	154	5480	D6A210,TD 63 ES		
	FL 615	230	169	5480	D6A230	95 - 00	
	FL 615	250	184	5480	D6A250		
	FL 618	180	132	5480	D6A180,TD 63 E	91 - 00	
	FL 618	209	154	5480	D6A210,TD 63 ES		
	FL 618	230	169	5480	D6A230	95 - 00	
FL 618	250	184	5480	D6A250			






...VOLVO

		CV	KW	C.C.			
	FL 7						
	FL 7/230	230	169	6700	D7B230,TD 71 F,	85 – 98	MWP90030
	FL 7/260	260	191	6700	D7B260,TD 73 ES	91 – 98	
	FM						
	300	300	221	9364	D9A300, D9B300	05 →	MWP70021
	330	330	243	10800	D11C330		
	340	340	250	9364	D9A340,D9B340		
	360	360	264	12800	D13A360,D13B360		
	370	370	272	10800	D11C370		
	380	380	280	9364	D9B380		
	380	380	280	12800	D13C380		
	390	390	287	10800	D11B390		
	400	400	294	12800	D13A400,D13B400		
	410	410	302	10800	D11C410		
	420	420	309	12800	D13C420		
	440	440	324	12800	D13A440,D13B440		
	450	450	332	10800	D11C450		
	460	460	338	12800	D13C460		
480	480	353	12800	D13A480			
500	500	368	12800	D13B500,D13C500			
	FM 12						
	FM 12/340 T->2911152 (mot.D12C)	340	250	12100	D12C340,D12D340	98 – 05	MWP90022
	FM 12H/340 T->2911152 (mot.D12C)	340	250	12100	D12C340,D12D340		
	FM 12/380 T->2911152 (mot.D12C)	379	279	12100	D12C380,D12D380		
	FM 12H/380 T->2911152 (mot.D12C)	379	279	12100	D12C380,D12D380		
	FM 12/420 T->2911152 (mot.D12C)	420	309	12100	D12C420,D12D420		
FM 12H/420 T->2911152 (mot.D12C)	420	309	12100	D12C420,D12D420			
	FS 7						
	FS 718	230	169	6700	D7B230	94 – 96	MWP90030
	FS 718	260	191	6700	D7B260		



...VOLVO

		CV	KW	C.C.			
	OTROS / MISCELLANEOUS						
	VHD Series	000					MWP90022
	VN Series	000					

1

2

3

4



1



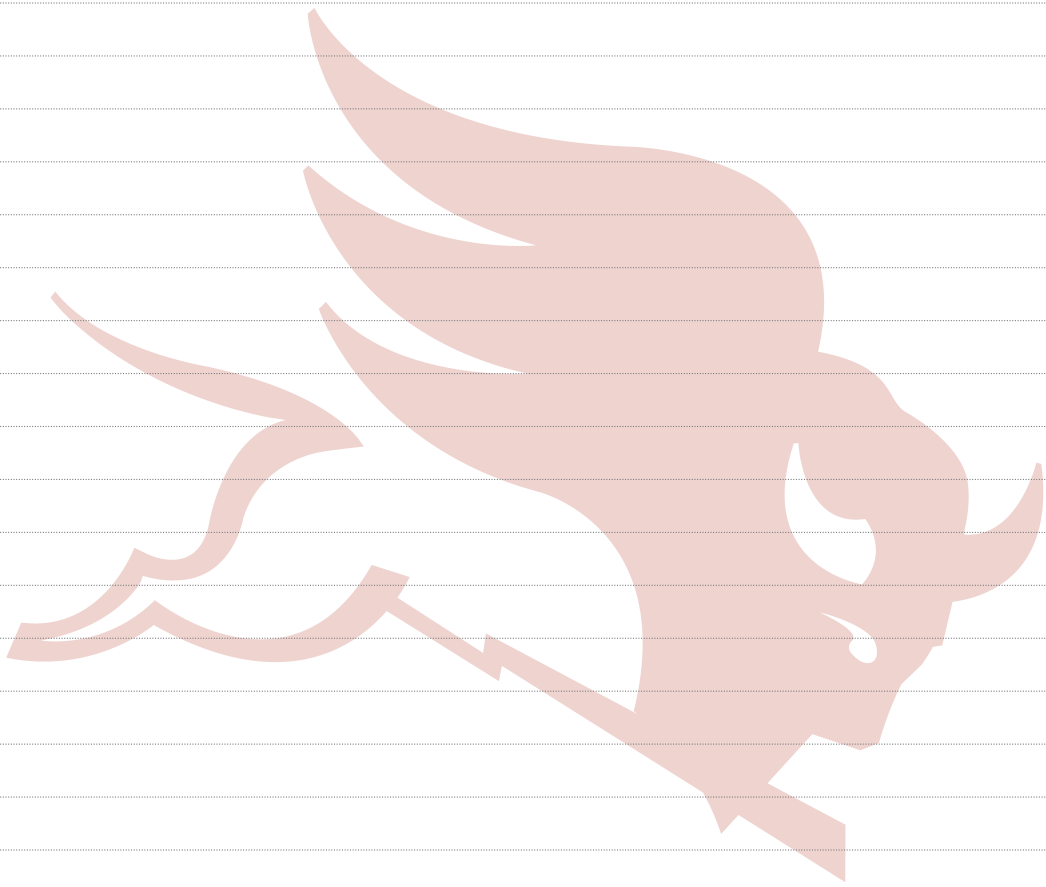
2



3



4





1



2

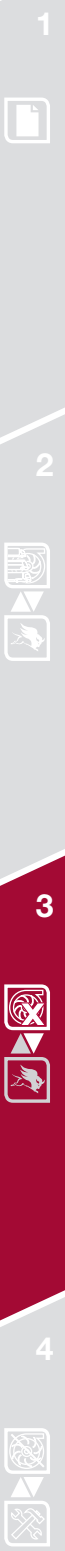


3



4





Icon	OE	Meritor	Eye
CHRYSLER			
	4429404	MWP20006	9
	4723690	MWP20006	9
	R4723690	MWP20006	9
	R5003665AA	MWP20006	9
CUMMINS			
	3286275RX	MWP20006	6
	3286277	MWP20006	6
	3286277RX	MWP20006	6
	3802004	MWP20006	6
	3802081	MWP10004	6
	3802348	MWP20006	6
	3802358	MWP20006	6
	3802970	MWP20006	6
	3802971	MWP20006	6
	3804883	MWP10004	6
	3804883RX	MWP10004	6
	3806180	MWP10004	6
	3903749	MWP20006	6
	3905357	MWP10004	6
	3913430	MWP10004	6
	3913432	MWP20006	6
	3920312	MWP20006	6
	3928395	MWP20006	6
	4089142	MWP20006	6
DAF			
	0682747R	MWP20007	7
	1609871	MWP20008	8
	682747	MWP20007	7
	683225	MWP20008	8
	683386	MWP20008	8
	CBU2148	MWP20006	7
EVOBUS			
	457.200.02.01	MWP60020	20-48
	457.200.05.01	MWP60020	20-48
	8.311.999.299	MWP50013	20-22
	8.311.999.369	MWP50013	20-22
	904.200.04.01	MWP60016	33
	904.200.08.01	MWP60016	33
	904.200.26.01	MWP60016	33



Icon	OE	Meritor	Eye
	904.200.49.01	MWP60016	33
	904.201.02.01	MWP60016	33
	904.201.07.01	MWP60016	33
FORD			
	F3HZ-8501ARM	MWP20006	9
IVECO			
	500350797	MWP40010	10-11
	500350798	MWP40010	10-11
	61318939	MWP40010	10-11
	61321400	MWP40010	10-11
	93190284	MWP40010	10-11
MAN			
	51.06500.6282	MWP50013	13
	51.06500.6387	MWP50013	13
	51.06500.6479	MWP50014	13
	51.06500.6546	MWP50015	13
	51.06500.6637	MWP50012	15-19
	51.06500.7033	MWP50011	14-15
	51.06500.7036	MWP50011	14-15
	51.06500.7043	MWP50011	14-15
	51.06500.7045	MWP50011	14-15
	51.06500.7048	MWP50011	14-15
	51.06500.7049	MWP50012	15-19
	51.06500.7051	MWP50011	14-15
	51.06500.7052	MWP50011	14-15
	51.06500.7065	MWP50011	14-15
	51.06500.7066	MWP50011	14-15
	51.06500.7088	MWP50011	14-15
	51.06500.7089	MWP50011	14-15
	51.06500.9033	MWP50011	14-15
	51.06500.9036	MWP50011	14-15
	51.06500.9043	MWP50011	14-15
	51.06500.9045	MWP50011	14-15
	51.06500.9048	MWP50011	14-15
	51.06500.9049	MWP50012	15-19
	51.06500.9051	MWP50011	14-15
	51.06500.9052	MWP50011	14-15
	51.06500.9065	MWP50011	14-15
	51.06500.9066	MWP50011	14-15
	51.06500.9088	MWP50011	14-15



Icon	OE	Meritor	Eye
	51.06500.9089	MWP50011	14-15
	51.06500.9282	MWP50013	13
	51.06500.9387	MWP50013	13
	51.06500.9479	MWP50014	13
	51.06500.9546	MWP50015	13
MERCEDES BENZ			
	366.200.04.01	MWP60017	35-49
	366.200.09.01	MWP60017	35-49
	366.200.59.01	MWP60017	35-49
	403.200.06.01	MWP50013	37-48
	403.200.36.01	MWP50013	37-48
	403.200.44.01	MWP50013	37-48
	403.200.51.01	MWP50013	37-48
	403.200.53.01	MWP60020	33-35
	403.200.71.01	MWP50013	37-48
	403.200.73.01	MWP60020	33-35
	457.200.02.01	MWP60020	33-35
	457.200.05.01	MWP60020	33-35
	541.200.01.01	MWP60018	25
	541.200.11.01	MWP60018	25
	541.200.12.01	MWP60018	25
	541.200.14.01	MWP60018	25
	542.200.05.01	MWP60019	25-31
	542.200.09.01	MWP60019	25-31
	542.200.15.01	MWP60019	25-31
	542.200.19.01	MWP60019	25-31
	542.200.23.01	MWP60019	25-31
	904.200.04.01	MWP60016	31-48
	904.200.08.01	MWP60016	31-48
	904.200.26.01	MWP60016	31-48
	904.200.49.01	MWP60016	31-48
	904.201.02.01	MWP60016	31-48
	904.201.07.01	MWP60016	31-48
RENAULT			
	5000670157	MWP70023	50-51
	5001837298	MWP70023	50-51
	5001857427	MWP70024	50-51
	5001858484	MWP70024	50-51
	5001866278	MWP90022	50-51
	5010330029	MWP70023	50-51





	OE		
5010837309	MWP70023		50-51
7420734268	MWP90022		50-51
7420744939	MWP70021		50-51
7420744940	MWP70021		50-51
7485000963	MWP70021		50-51
SCANIA			
1314406	MWP80028		52
1353072	MWP80025		52-53
1365841	MWP80029		54
1380897	MWP80027		54
1486098	MWP80027		54
1508533	MWP80025		52-53
1508534	MWP80029		54
1510490	MWP80027		54
1546188	MWP80026		53-55
1570951	MWP80025		52-53
1570955	MWP80025		52-53

	OE		
1570956	MWP80029		54
1570959	MWP80026		53-55
1571059	MWP80028		52
1575100	MWP80028		52
1789522	MWP80026		53-55
292761	MWP80028		52
508533	MWP80025		52-53
570951	MWP80025		52-53
570952	MWP80029		54
570953	MWP80027		54
570955	MWP80025		52-53
570956	MWP80029		54
570959	MWP80026		53-55
570964	MWP80026		53-55
570965	MWP80026		53-55
571059	MWP80028		52
571157	MWP80027		54

	OE		
575100	MWP80028		52
VOLVO			
20431135	MWP90022		56-59
20538845	MWP70021		56-58
20575653	MWP90030		56-58
20713787	MWP90022		56-59
20734268	MWP90022		56-59
20744939	MWP70021		56-58
3161436	MWP70021		56-58
3183909	MWP90030		56-58
8113523	MWP90030		56-58
8170305	MWP90022		56-59
8170833	MWP90022		56-59
85000062	MWP70021		56-58
85000387	MWP90030		56-58
85000486	MWP70021		56-58
85003708	MWP70021		56-58



Handwritten notes area with horizontal lines.

2.1

1

2

3

4



1



2



3



4





1



2

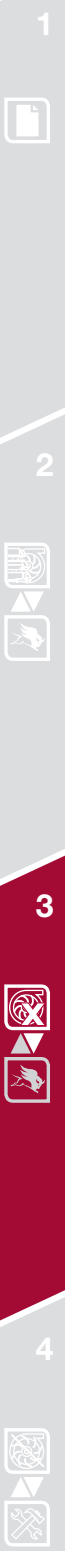


3



4





AIRTEX			
1922	MWP50011	14-15	
1937	MWP20007	7	
1939	MWP20008	8	
1944	MWP50012	15-19	
1947	MWP70024	50-51	
1948	MWP70021	50-58	
1949	MWP80026	53-55	
1968	MWP60016	31-48	
2047	MWP10004	6	
2145	MWP50013	13	
2146	MWP80025	52-53	
2147	MWP60017	35-49	
2148	MWP80027	54	
2202	MWP60020	33-35	
2203	MWP60018	25	
2204	MWP60019	25-31	
2207	MWP80028	52	
2208	MWP50014	13	
2209	MWP80029	54	
2210	MWP90030	56-58	
2232	MWP70023	50-51	
2233	MWP90022	50-59	
2245	MWP50015	13	
2246	MWP40010	10-11	
7145	MWP20006	6-7	
AKS DASIS			
770007T	MWP60018	25	
770007T	MWP60019	25-31	
770064T	MWP70023	50-51	
770072T	MWP20006	6	
770095T	MWP80029	54	
770096T	MWP80025	52-53	
770104T	MWP20008	8	
770122T	MWP50015	13	
770123T	MWP60016	31-48	
770180N	MWP50014	13	
770180T	MWP50014	13	
771010N	MWP60020	33-35	
771020T	MWP60020	33-35	



771190T	MWP80028	52	
771420T	MWP60017	35-49	
BUGIAD			
70537	MWP60017	35-49	
70544	MWP60016	31-48	
70545	MWP60018	25	
DAYCO			
DP078	MWP60018	25	
DP082	MWP80027	54	
DP083	MWP80025	52-53	
DP086	MWP60017	35-49	
DP087	MWP60016	31-48	
DP088	MWP90030	56-58	
DP089	MWP90022	50-59	
DP095	MWP60020	33-35	
DP110	MWP50015	13	
DP114	MWP50011	14-15	
DP150	MWP70023	50-51	
DP153	MWP60019	25-31	
DP170	MWP80028	52	
DOLZ			
6.30002	MWP70023	50-51	
B-182	MWP70023	50-51	
D-201	MWP20008	8	
E-110	MWP80028	8	
E-113	MWP80027	54	
E-114	MWP80025	52-53	
E-115	MWP80029	54	
E-117	MWP80026	53-55	
I-128	MWP40010	10-11	
I-163	MWP40010	10-11	
L-214	MWP20006	6	
M-178	MWP50013	13-48	
M-307	MWP50011	14-15	
M-610	MWP60017	35-49	
M-610CT	MWP60017	35-49	
M-619	MWP50015	13	
M-624	MWP60018	25	
M-624	MWP60019	25-31	
M-626	MWP60020	33-35	



M-630	MWP60016	31-48	
M-633	MWP50014	13	
M-640	MWP50012	15-19	
R-611	MWP70024	50-51	
R-612	MWP70021	50-58	
R-612SP	MWP70021	50-58	
V-200	MWP90030	56-58	
V-207	MWP90022	50-59	
DIESEL TECHNIC			
1.11024	MWP80028	52	
1.11115	MWP80025	52-53	
1.11116	MWP80029	54	
1.11117	MWP80027	54	
1.11160	MWP80026	53-55	
2.15244	MWP90022	50-59	
2.15246	MWP90030	56-58	
2.15248	MWP90022	50-59	
2.51245	MWP70021	50-58	
3.16006	MWP50014	13	
3.16012	MWP50011	14-15	
3.16013	MWP50015	13	
3.16014	MWP50012	15-19	
4.60447	MWP50013	13-48	
4.61621	MWP60017	35-49	
4.61914	MWP60020	33-35	
4.61919	MWP60016	31-48	
4.62590	MWP60019	25-31	
4.62591	MWP60018	25	
4.62597	MWP60020	33-35	
5.41004	MWP20008	8	
5.41012	MWP20006	6-9	
6.30004	MWP70024	50-51	
6.30005	MWP70023	50-51	
EMMERRE			
907144	MWP80026	53-55	
907205	MWP60017	35-49	
907364	MWP20008	8	
FEBI			
02962	MWP50013	13-48	
03584	MWP50013	13-48	



08075	MWP60017	35-49	
09197	MWP60020	33-35	
09972	MWP80028	52	
15133	MWP40010	10-11	
17522	MWP40010	10-11	
21552	MWP80027	54	
21591	MWP80025	52-53	
21593	MWP80029	54	
21711	MWP50014	13	
22023	MWP90022	50-59	
22453	MWP60019	25-31	
22454	MWP60018	25	
27688	MWP50015	13	
27724	MWP60020	33-35	
28329	MWP60016	31-48	
28647	MWP50012	15-19	
30102	MWP50011	14-15	
30450	MWP90030	56-58	
30451	MWP70021	50-58	
31531	MWP60018	25	
31550	MWP80026	53-55	
31568	MWP70024	50-51	
32184	MWP60019	25-31	
33172	MWP20008	8	
35022	MWP70023	50-51	
35205	MWP50011	14-15	
GK			
980923	MWP50011	14-15	
980928	MWP80029	54	
980951	MWP60017	35-49	
980952	MWP60020	33-35	
980959	MWP60017	35-49	
980962	MWP60018	25	
980963	MWP60019	25-31	
980966	MWP50014	13	
980971	MWP80028	52	
980975	MWP80028	52	
980976	MWP80025	52-53	
980978	MWP20008	52	
980979	MWP50015	13	

980980	MWP50015	13	
980985	MWP90022	50-59	
980991	MWP90030	56-58	
980992	MWP50012	15-19	
981184	MWP40010	10-11	
981204	MWP40010	10-11	
GRAF			
PA-849	MWP40010	10-11	
PA-869	MWP80028	52	
PA-871	MWP60017	35-49	
PA-872	MWP60020	33-35	
PA-873	MWP50013	13-48	
HEPU			
50005613	MWP50014	13	
P1184	MWP40010	10-11	
P1204	MWP40010	10-11	
P1366	MWP60017	35-49	
P1403	MWP60020	33-35	
P1466	MWP60017	35-49	
P1541	MWP60018	25	
P1542	MWP60019	25-31	
P1554	MWP60016	31-48	
P1641	MWP90030	56-58	
P9902	MWP80027	54	
P9903	MWP80028	52	
P9909	MWP80028	52	
P9911	MWP80029	54	
P9912	MWP80025	52-53	
P9913	MWP90022	50-59	
P9931	MWP20008	8	
P9947	MWP50015	13	
P9956	MWP50011	14-15	
P9958	MWP50012	15-19	
KOLBENSCHMIDT			
50005212	MWP60017	35-49	
50005213	MWP80028	52	
50005214	MWP80025	52-53	
50005218	MWP70023	50-51	
50005344	MWP90022	50-59	
50005601	MWP80029	54	

50005619	MWP60019	25-31	
50005627	MWP60016	31-48	
50005628	MWP60018	25	
50005632	MWP60020	33-35	
LASO			
1920 0105	MWP20008	8	
1920 0106	MWP20007	7	
1920 0109	MWP20006	6-9	
2020 0105	MWP50013	13-48	
2020 0161	MWP50014	13	
3920 0114	MWP40010	10-11	
5520 0108	MWP50015	13	
5520 0112	MWP50011	14-15	
5520 0114	MWP50012	15-19	
7820 0103	MWP70023	50-51	
7820 0109	MWP70023	50-51	
7820 0111	MWP70024	50-51	
8520 0101	MWP80028	52	
8520 0104	MWP80025	52-53	
8520 0105	MWP80029	54	
8520 0111	MWP80027	54	
8520 0114	MWP80026	53-55	
9820 0114	MWP90022	50-59	
9820 0115	MWP90030	56-58	
9820 0121	MWP70021	50-58	
9820 0124	MWP70021	50-58	
MEYLE			
033 020 0003	MWP60020	33-35	
033 020 0022	MWP50013	13-48	
033 020 0048	MWP50014	13	
033 020 0049	MWP60019	25-31	
033 020 0053	MWP60018	25	
033 020 0055	MWP60016	31-48	
033 020 0059	MWP60020	33-35	
033 020 1020	MWP60017	35-49	
12-14 234 0003	MWP50012	15-19	
12-33 220 0001	MWP50011	14-15	
12-33 500 0001	MWP50015	13	
16-33 220 0001	MWP70023	50-51	
16-33 220 0002	MWP70023	50-51	

1

2

3

4

1



533 220 0001	MWP70021	50-58	
533 819 2050	MWP90030	56-58	
66533	MWP90030	56-58	
833 131 4406	MWP80028	52	
833 1353072	MWP80025	52-53	
833 138 0897	MWP80027	54	
OMP			
196.634	MWP40010	10-11	
241.700	MWP60018	25	
241.710	MWP60020	33-35	
241.725	MWP60017	35-49	
241.731	MWP60016	31-48	
241.835	MWP50013	13-48	
241.855	MWP60019	25-31	
241.895	MWP60020	33-35	
273.130	MWP70023	50-51	
273.360	MWP70023	50-51	
277.330	MWP90022	50-59	
277.380	MWP70021	50-58	
295.035	MWP80028	52	
295.120	MWP80027	54	
295.130	MWP80025	52-53	
295.140	MWP80029	54	
295.170	MWP80026	53-55	
317.330	MWP90022	50-59	
317.350	MWP90030	56-58	
317.370	MWP70021	50-58	
317.380	MWP70021	50-58	

2



317.390	MWP70021	50-58	
317.410	MWP70021	50-58	
343.340	MWP50014	13	
343.375	MWP50015	13	
343.390	MWP50011	14-15	
343.395	MWP50012	15-19	
405.090	MWP20007	7	
405.105	MWP20008	8	
451.020	MWP20006	6-9	
451.025	MWP10004	6	
OPTIMAL			
AQ-1401	MWP60017	35-49	
AQ-1403	MWP60020	33-35	
PETERS AUTOMOTIVE			
010.599-00A	MWP60018	25	
010.599-00A	MWP60019	25-31	
010.700-00A	MWP60019	25-31	
030.905.00A	MWP50014	13	
100.150-00A	MWP20008	8	
120.400-00A	MWP80025	52-53	
120.401-00A	MWP80028	52	
120.402-00A	MWP80029	54	
120.404-00A	MWP80027	54	
RUVILLE			
61400	MWP80028	52	
61403	MWP80027	54	
61404	MWP80025	52-53	
61405	MWP80029	54	

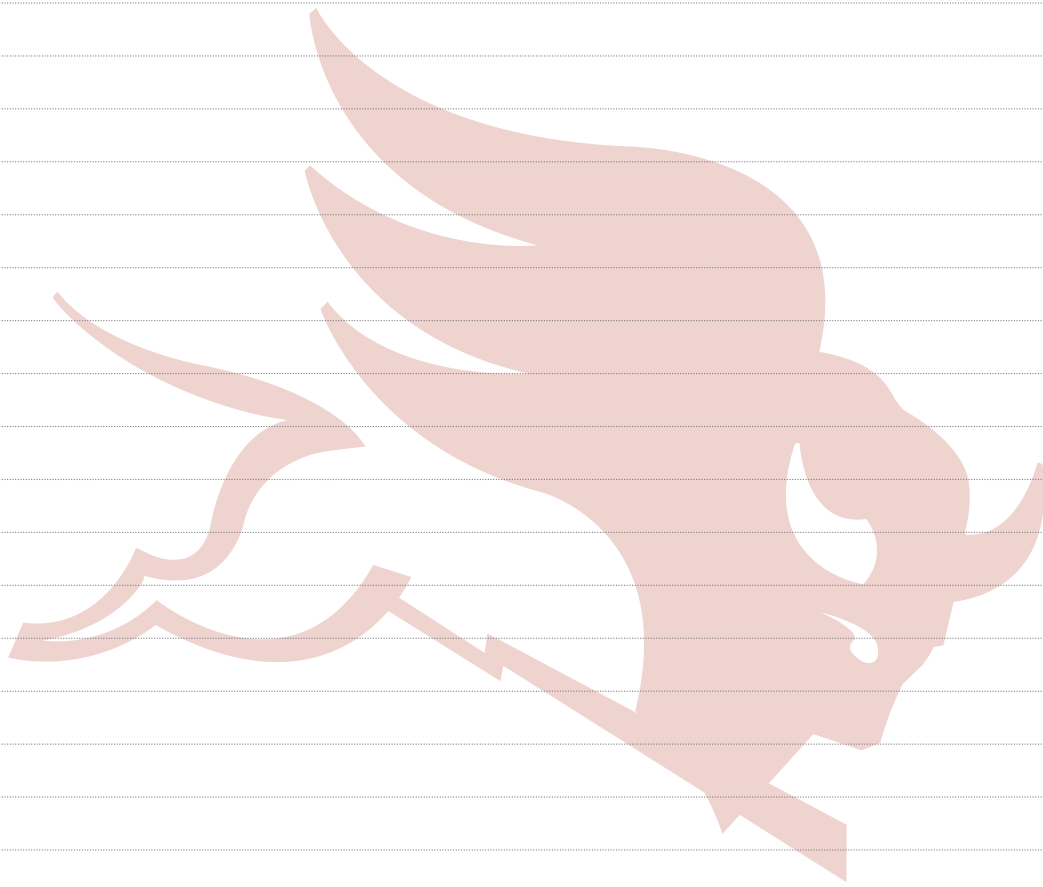
3



61407	MWP80026	53-55	
65135	MWP60018	25	
65141	MWP60020	33-35	
65144	MWP60016	31-48	
65146	MWP60017	35-49	
65156	MWP50014	13	
66300	MWP20008	8	
66536	MWP90022	50-59	
68501	MWP50015	13	
68505	MWP50011	14-15	
SPUK			
SP1252	MWP20006	6-9	
SP1253	MWP10004	6	
SP1705	MWP60017	35-49	
SP1707	MWP50013	13-48	
SP1856	MWP80028	52	
SP1870	MWP80027	54	
SP1871	MWP80025	52-53	
SP1872	MWP80029	54	
SP2204	MWP60019	25-31	
SWAG			
10 15 0053	MWP60020	33-35	
54 15 0005	MWP50014	13	
TRUCKTEC AUTOMOTIVE			
01.19.017	MWP50013	13-48	
01.19.094	MWP60018	25	
01.19.138	MWP60017	35-49	
01.19.143	MWP60016	31-48	

4





1



2



3



4





1



2



3



4





1



2



3



4





FAILURE OBSERVED	POSSIBLE CAUSES	SOLUTIONS
Coolant leaking from leakage boring	<ul style="list-style-type: none"> • Corrosion in cooling system • Operating with clean water 	<ul style="list-style-type: none"> • Clean the cooling system
Traces of condensation at leakage boring	<ul style="list-style-type: none"> • Slight leaking of coolant as the gasket settles 	<ul style="list-style-type: none"> • Observe for 1 - 3 operating hours
Broken housing	<ul style="list-style-type: none"> • Incorrect fitting • Damaged in transport 	<ul style="list-style-type: none"> • Replace water pump
Debris contamination	<ul style="list-style-type: none"> • Incorrect cleaning of the cooling / lubrication system 	<ul style="list-style-type: none"> • Flush cooling / lubrication system again
Excess sealing compound	<ul style="list-style-type: none"> • Incorrect fitting 	<ul style="list-style-type: none"> • Re-seal
Uneven tooth-profile	<ul style="list-style-type: none"> • Timing belt over-tensioned 	<ul style="list-style-type: none"> • Change auxiliary belt and set correctly
Water leaking from hose connector / housing gasket	<ul style="list-style-type: none"> • Sealing compound incorrectly applied • Gasket has been fitted incorrectly 	<ul style="list-style-type: none"> • Use sealing compound according to manufacturers,Ä instructions • Use gasket according to manufacturers,Ä instructions
Pitting corrosion on impeller	<ul style="list-style-type: none"> • High chloride concentration in water / coolant 	<ul style="list-style-type: none"> • Flush cooling system • Use recommended coolant
Corrosion in the entire cooling system	<ul style="list-style-type: none"> • Faulty cylinder head gasket • Use of coolant not compliant with manufacturers,Ä specifications 	<ul style="list-style-type: none"> • Replace cylinder head gasket • Clean cooling system
Faulty gasket	<ul style="list-style-type: none"> • Contamination of cooling system • Use of unsuitable fluids / wrong mixing proportions applied • Too much pressure in cooling system • Faulty cylinder head gasket • Wear 	<ul style="list-style-type: none"> • Replace water pump
Faulty water pump bearing	<ul style="list-style-type: none"> • Strong vibrations caused by faulty fan coupling • Incorrect belt tension • Sealing compound incorrectly applied • Wear 	<ul style="list-style-type: none"> • Replace water pump



PANNES OBSERVÉES	CAUSES POSSIBLES	SOLUTIONS
Le liquide de refroidissement s'échappe par le trou de surpression	<ul style="list-style-type: none"> • Corrosion dans le circuit de refroidissement • Utilisation d'eau pure 	<ul style="list-style-type: none"> • Nettoyer le circuit de refroidissement
Traces de condensation autour du trou de surpression	<ul style="list-style-type: none"> • Légère fuite du liquide de refroidissement au moment de la période de rodage du joint d'étanchéité 	<ul style="list-style-type: none"> • Respecter le temps de rodage à savoir 1 à 3 heures de fonctionnement
Corps cassé	<ul style="list-style-type: none"> • Installation incorrecte • Dommage lors du transport 	<ul style="list-style-type: none"> • Changer la pompe à eau
Contamination par des éléments étrangers	<ul style="list-style-type: none"> • Nettoyage incorrect du circuit de refroidissement/lubrification 	<ul style="list-style-type: none"> • Vidange et rinçage correct du circuit de refroidissement et de lubrification
Produit d'étanchéité mis en trop grande quantité	<ul style="list-style-type: none"> • Installation incorrecte 	<ul style="list-style-type: none"> • Refaire l'étanchéité
Fuite d'eau par le raccord de tuyau / joint du boîtier	<ul style="list-style-type: none"> • Usage incorrect du produit d'étanchéité • Les joints ne sont pas positionnés correctement 	<ul style="list-style-type: none"> • Appliquer le produit d'étanchéité tel que le constructeur le préconise • Respecter les consignes du constructeur
Profils des dents usés	<ul style="list-style-type: none"> • Tension excessive de la courroie d'entraînement 	<ul style="list-style-type: none"> • Remplacer la courroie d'entraînement et réglage de la tension adéquate
Trous de corrosion sur la turbine	<ul style="list-style-type: none"> • Le liquide de refroidissement/l'eau contient trop de chlore 	<ul style="list-style-type: none"> • Vidanger le circuit du liquide de refroidissement • Utiliser le liquide de refroidissement spécifié par le constructeur
Corrosion dans le système de refroidissement	<ul style="list-style-type: none"> • Joint de culasse défectueux • Le liquide de refroidissement n'est pas utilisé selon les instructions du fabricant 	<ul style="list-style-type: none"> • Remplacer le joint de culasse • Nettoyer le circuit de refroidissement
Joint défectueux	<ul style="list-style-type: none"> • Contamination du circuit de refroidissement • Utilisation d'un liquide inapproprié ou mélange incorrect • Pression excessive dans le circuit de refroidissement • Joint de culasse défectueux • Usure 	<ul style="list-style-type: none"> • Changer la pompe à eau
Roulement de pompe à eau défectueux	<ul style="list-style-type: none"> • Fortes vibrations dues à un visco coupleur de ventilateur défectueux • Tension excessive de la courroie d'entraînement • Usage incorrect du produit d'étanchéité 	<ul style="list-style-type: none"> • Changer la pompe à eau

1



2



3



4





DEFEKT	MÖGLICHE URSACHE	LÖSUNGEN
Auslaufen von Kühlmittel aus der Leckbohrung	<ul style="list-style-type: none"> • <i>Korrosion im Kühlsystem</i> • <i>Betrieb mit sauberem Wasser</i> 	<ul style="list-style-type: none"> • Kühlsystem reinigen
Kondensationsspuren an der Leckbohrung	<ul style="list-style-type: none"> • <i>Leichtes Auslaufen von Kühlmittel während sich die Dichtung setzt</i> 	<ul style="list-style-type: none"> • 1 - 3 Betriebsstunden lang beobachten
Riss im Gehäuse	<ul style="list-style-type: none"> • <i>Falsche Montage</i> • <i>Beschädigung während des Transports</i> 	<ul style="list-style-type: none"> • Wasserpumpe austauschen
Verunreinigung durch Teilchen	<ul style="list-style-type: none"> • <i>Falsche Reinigung des Kühl-/Schmiersystems</i> 	<ul style="list-style-type: none"> • Kühl-/Schmiersystems erneut durchspülen
Überschuss an Dichtmasse	<ul style="list-style-type: none"> • <i>Falsche Montage</i> 	<ul style="list-style-type: none"> • Erneut abdichten
Wasser läuft aus dem Schlauchanschluss / der Gehäusedichtung	<ul style="list-style-type: none"> • <i>Unsachgemäß aufgetragene Dichtungsmasse</i> • <i>Dichtung wurde unsachgemäß eingesetzt</i> 	<ul style="list-style-type: none"> • Dichtungsmasse gemäß Herstelleranweisung verwenden • Dichtung gemäß Herstelleranweisung verwenden
Ungleichmäßiges Zahnprofil	<ul style="list-style-type: none"> • <i>Zahnriemen zu stark gespannt</i> 	<ul style="list-style-type: none"> • Ersatzriemen austauschen und richtig einstellen
Lochfraß am Pumpenrad	<ul style="list-style-type: none"> • <i>Hohe Chlorid-Konzentration in Wasser / Kühlmittel</i> 	<ul style="list-style-type: none"> • Kühlsystem durchspülen • Empfohlenes Kühlmittel verwenden
Korrosion im gesamten Kühlsystem	<ul style="list-style-type: none"> • <i>Fehlerhafte Zylinderkopfdichtung</i> • <i>Verwendung eines Kühlmittels, das nicht den Herstellerempfehlungen entspricht</i> 	<ul style="list-style-type: none"> • Zylinderkopfdichtung austauschen • Kühlsystem reinigen
Fehlerhafte Dichtung	<ul style="list-style-type: none"> • <i>Verunreinigung des Kühlsystems</i> • <i>Verwendung ungeeigneter Flüssigkeiten / falsches Mischverhältnis</i> • <i>Zu hoher Druck im Kühlsystem</i> • <i>Fehlerhafte Zylinderkopfdichtung</i> • <i>Verschleiß</i> 	<ul style="list-style-type: none"> • Wasserpumpe austauschen
Fehlerhaftes Wasserpumpenlager	<ul style="list-style-type: none"> • <i>Starke Vibrationen durch fehlerhafte Ventilatorakupplung</i> • <i>Falsche Riemenspannung</i> • <i>Unsachgemäß aufgetragene Dichtungsmasse</i> 	<ul style="list-style-type: none"> • Wasserpumpe austauschen

1

2

3

4



GUASTO RILEVATO	POSSIBILI CAUSE	SOLUZIONI
Perdita di liquido di raffreddamento dal foro di scolo	<ul style="list-style-type: none"> • Corrosione nel sistema di raffreddamento • Funzionamento con acqua pulita 	<ul style="list-style-type: none"> • Pulire il sistema di raffreddamento
Tracce di condensa sul foro di scolo	<ul style="list-style-type: none"> • Leggera perdita di liquido di raffreddamento quando si applica la guarnizione 	<ul style="list-style-type: none"> • Tenere sotto osservazione per 1 - 3 ore di funzionamento
Alloggiamento rotto	<ul style="list-style-type: none"> • Montaggio scorretto • Danni durante il trasporto 	<ul style="list-style-type: none"> • Sostituire la pompa dell'acqua
Contaminazione da detriti	<ul style="list-style-type: none"> • Pulizia non corretta del sistema di raffreddamento/lubrificazione 	<ul style="list-style-type: none"> • Spurgare di nuovo il sistema di raffreddamento / lubrificazione
Eccesso di materiale di sigillatura	<ul style="list-style-type: none"> • Montaggio scorretto 	<ul style="list-style-type: none"> • Rimettere a tenuta
Perdita di acqua dal raccordo del tubo flessibile / guarnizione alloggiamento	<ul style="list-style-type: none"> • Materiale di sigillatura applicato in modo scorretto • La guarnizione non è stata applicata correttamente 	<ul style="list-style-type: none"> • Utilizzare un materiale di sigillatura conforme alle istruzioni del produttore • Usare una guarnizione conforme alle istruzioni del produttore
Profilo del dente irregolare	<ul style="list-style-type: none"> • Cinghia dentata sovratensionata 	<ul style="list-style-type: none"> • Sostituire la cinghia ausiliaria e regolare correttamente
Corrosione per vaiolatura sul rotore	<ul style="list-style-type: none"> • Elevata concentrazione di cloruro nell'acqua / liquido di raffreddamento 	<ul style="list-style-type: none"> • Spurgare il sistema di raffreddamento • Utilizzare il liquido di raffreddamento raccomandato
Corrosione nell'intero sistema di raffreddamento	<ul style="list-style-type: none"> • Guarnizione della testa del cilindro difettosa • Uso di liquido di raffreddamento non conforme alle specifiche del produttore 	<ul style="list-style-type: none"> • Sostituire la guarnizione della testa del cilindro • Pulire il sistema di raffreddamento
Guarnizione difettosa	<ul style="list-style-type: none"> • Contaminazione del sistema di raffreddamento • Uso di fluidi inadatti / applicati rapporti di miscelazione errati • Pressione eccessiva nel sistema di raffreddamento • Guarnizione della testa del cilindro difettosa • Usura 	<ul style="list-style-type: none"> • Sostituire la pompa dell'acqua
Cuscinetto della pompa dell'acqua difettoso	<ul style="list-style-type: none"> • Forti vibrazioni dovute a un difetto di accoppiamento del ventilatore • Tensione della cinghia scorretta • Materiale di sigillatura applicato in modo scorretto 	<ul style="list-style-type: none"> • Sostituire la pompa dell'acqua

1



2



3



4





GECONSTATEERD DISFUNCTIONEREN	MOGELIJKE OORZAKEN	OPLOSSINGEN
Koelvloeistoflek uit lekkageboring	<ul style="list-style-type: none"> • <i>Corrosie in het koelsysteem</i> • <i>Functioneren met schoon water</i> 	<ul style="list-style-type: none"> • Reinig het koelsysteem
Condenssporen bij de lekkageboring	<ul style="list-style-type: none"> • <i>Licht lekken van koelvloeistof als de pakkingen zich zetten</i> 	<ul style="list-style-type: none"> • Observeren gedurende 1 - 3 uur tijdens functioneren
Kapotte behuizing	<ul style="list-style-type: none"> • <i>Niet goed gemonteerd</i> • <i>Beschadigd tijdens transport</i> 	<ul style="list-style-type: none"> • Vervang waterpomp
Contaminatie met residuen	<ul style="list-style-type: none"> • <i>Onjuiste reiniging van het koelsysteem/ smeringsysteem</i> 	<ul style="list-style-type: none"> • Spoel koel/smeringsysteem opnieuw door
Te veel afdichtmiddel	<ul style="list-style-type: none"> • <i>Niet goed gemonteerd</i> 	<ul style="list-style-type: none"> • Dicht opnieuw af
Er lekt water uit de slangkoppeling/behuizing van de pakking	<ul style="list-style-type: none"> • <i>Afdichtmiddel niet juist aangebracht</i> • <i>Pakking is niet goed gemonteerd</i> 	<ul style="list-style-type: none"> • Gebruik afdichtmiddel volgens instructies van de fabrikant • Gebruik pakking volgens instructies van de fabrikant
Oneven tandprofiel	<ul style="list-style-type: none"> • <i>Timingriem onder te hoge spanning</i> 	<ul style="list-style-type: none"> • Vervang hulpriem en stel correct af
Putcorrosie op ventilatorblad	<ul style="list-style-type: none"> • <i>Hoge chloride concentratie in water/koelvloeistof</i> 	<ul style="list-style-type: none"> • Spoel het koelsysteem door • Gebruik aanbevolen koelvloeistof
Corrosie in het volledige koelsysteem	<ul style="list-style-type: none"> • <i>Defecte pakking cilinderkop</i> • <i>Gebruik koelvloeistof niet in overeenstemming met specificaties van de fabrikant</i> 	<ul style="list-style-type: none"> • Vervang pakking cilinderkop • Reinig het koelsysteem
Defecte pakking	<ul style="list-style-type: none"> • <i>Contaminatie van koelsysteem</i> • <i>Gebruik van ongeschikte vloeistoffen/verkeerd proportiemengsel toegepast</i> • <i>Te veel druk in het koelsysteem</i> • <i>Defecte pakking cilinderkop</i> • <i>Slijtage</i> 	<ul style="list-style-type: none"> • Vervang de waterpomp
Defecte waterpomplager	<ul style="list-style-type: none"> • <i>Sterke vibraties veroorzaakt door defecte ventilatorblad koppeling</i> • <i>Onjuiste spanning van de riem</i> • <i>Afdichtmiddel niet goed aangebracht</i> 	<ul style="list-style-type: none"> • Vervang de waterpomp

1

2

3

4



AVERÍA OBSERVADA	POSIBLES CAUSAS	SOLUCIONES
Filtración del líquido refrigerante desde el orificio de filtración	<ul style="list-style-type: none"> • Corrosión en el sistema de refrigeración • Funcionamiento con agua limpia 	<ul style="list-style-type: none"> • Limpie el sistema de refrigeración
Rastro de condensación en el orificio de filtración	<ul style="list-style-type: none"> • Ligera filtración de líquido refrigerante al ajustar la junta 	<ul style="list-style-type: none"> • Observe durante 1 - 3 horas de funcionamiento
Carcasa rota	<ul style="list-style-type: none"> • Ajuste incorrecto • Daños durante el transporte 	<ul style="list-style-type: none"> • Sustituya la bomba de agua
Contaminación por residuos	<ul style="list-style-type: none"> • Limpieza incorrecta del sistema de refrigeración/lubricación 	<ul style="list-style-type: none"> • Lave nuevamente el sistema de refrigeración/lubricación
Exceso de compuesto de sellado	<ul style="list-style-type: none"> • Ajuste incorrecto 	<ul style="list-style-type: none"> • Vuelva a sellar
Filtración de agua del conector de la manguera/junta de la carcasa	<ul style="list-style-type: none"> • Compuesto de sellado aplicado incorrectamente • La junta se ha fijado incorrectamente 	<ul style="list-style-type: none"> • Utilice el compuesto de sellado de acuerdo con las indicaciones del fabricante • Utilice la junta de acuerdo con las indicaciones del fabricante
Perfil dentado irregular	<ul style="list-style-type: none"> • Correa de distribución sobretensada 	<ul style="list-style-type: none"> • Cambie la correa auxiliar y fjela correctamente
Corrosión por picaduras	<ul style="list-style-type: none"> • Alta concentración de cloro en el agua/líquido refrigerante 	<ul style="list-style-type: none"> • Lave el sistema de refrigeración • Utilice el líquido refrigerante recomendado
Corrosión en todo el sistema de refrigeración	<ul style="list-style-type: none"> • Junta de culata defectuosa • Uso de un líquido refrigerante que no cumple con las especificaciones del fabricante 	<ul style="list-style-type: none"> • Sustituya la junta de culata • Limpie el sistema de refrigeración
Junta defectuosa	<ul style="list-style-type: none"> • Contaminación del sistema de refrigeración • Uso de fluidos no adecuados/proporciones de mezcla aplicadas incorrectamente • Demasiada presión en el sistema de refrigeración • Junta de culata defectuosa • Desgaste 	<ul style="list-style-type: none"> • Sustituya la bomba de agua
Rodamiento de la bomba de agua defectuoso	<ul style="list-style-type: none"> • Fuertes vibraciones causadas por un acople del ventilador defectuoso • Tensión de la correa incorrecta • Compuesto de sellado aplicado incorrectamente 	<ul style="list-style-type: none"> • Sustituya la bomba de agua

1



2



3



4





1



2



3



4



OBJAW AWARII	MOŻLIWE PRZYCZYNY	ROZWIĄZANIA
Chłodziwo wyciekające ze złączenia	<ul style="list-style-type: none"> • Korozja w układzie chłodzenia • Stosowanie czystej wody do chłodzenia 	<ul style="list-style-type: none"> • Oczyszczyć układ chłodzenia
Ślady kondensacji na złączeniach	<ul style="list-style-type: none"> • Lekki wyciek chłodziwa wynikający z osiadania uszczelki 	<ul style="list-style-type: none"> • Obserwować przez 1-3 godziny pracy
Uszkodzona obudowa	<ul style="list-style-type: none"> • Nieprawidłowy montaż • Uszkodzenie transportowe 	<ul style="list-style-type: none"> • Wymienić pompę wody
Zanieczyszczenie szczątkami	<ul style="list-style-type: none"> • Nieprawidłowe oczyszczenie układu chłodzenia/smarowania 	<ul style="list-style-type: none"> • Przepłukać układ chłodzenia / smarowania jeszcze raz
Za dużo materiału uszczelniającego	<ul style="list-style-type: none"> • Nieprawidłowy montaż 	<ul style="list-style-type: none"> • Nałożyć uszczelnienie ponownie
Woda wycieka ze złącza przewodu/uszczelki obudowy	<ul style="list-style-type: none"> • Niewłaściwie nałożony materiał uszczelniający • Niewłaściwie założona uszczelka 	<ul style="list-style-type: none"> • Nałożyć materiał uszczelniający zgodnie z instrukcjami producenta • Założyć uszczelkę zgodnie z instrukcjami producenta
Nierówny zarys zębów	<ul style="list-style-type: none"> • Pas napędu pompy nadmiernie naciągnięty 	<ul style="list-style-type: none"> • Zmienić i prawidłowo wyregulować pas napędu pompy
Korozja wżerowa wirnika	<ul style="list-style-type: none"> • Duże stężenie chlorków w wodzie/chłodziwie 	<ul style="list-style-type: none"> • Przepłukać układ chłodzenia • Stosować zalecane chłodziwo
Korozja w całym układzie chłodzenia	<ul style="list-style-type: none"> • Uszkodzona uszczelka głowicy cylindra • Stosowanie chłodziwa niezgodnego ze specyfikacjami producenta 	<ul style="list-style-type: none"> • Wymienić uszczelkę głowicy cylindra • Przepłukać układ chłodzenia
Uszkodzona uszczelka	<ul style="list-style-type: none"> • Zanieczyszczenie układu chłodzenia • Stosowanie nieodpowiednich płynów/zastosowanie mieszanek w niewłaściwych proporcjach • Zbyt wysokie ciśnienie w układzie chłodzenia • Uszkodzona uszczelka głowicy cylindra • Zużycie 	<ul style="list-style-type: none"> • Wymienić pompę wody
Uszkodzone łożysko pompy wody	<ul style="list-style-type: none"> • Silne wibracje spowodowane przez uszkodzone sprzęgło wentylatora • Nieprawidłowe napięcie pasa • Niewłaściwie nałożony materiał uszczelniający 	<ul style="list-style-type: none"> • Wymienić pompę wody



НЕПОЛАДКА	ВОЗМОЖНЫЕ ПРИЧИНЫ	СПОСОБЫ УСТРАНЕНИЯ
Утечка охлаждающей жидкости	<ul style="list-style-type: none"> Коррозия системы охлаждения Работа с чистой водой 	<ul style="list-style-type: none"> Произведите чистку системы охлаждения
Признаки конденсации и утечки	<ul style="list-style-type: none"> Небольшая утечка охлаждающей жидкости через уплотняющую прокладку 	<ul style="list-style-type: none"> Понаблюдать в течение 1 - 3 часов работы
Поломка корпуса	<ul style="list-style-type: none"> Неправильная установка Повреждение при транспортировке 	<ul style="list-style-type: none"> Замените водяной насос
Загрязнения	<ul style="list-style-type: none"> Неправильная чистка системы охлаждения/системы смазки 	<ul style="list-style-type: none"> Промойте систему охлаждения / систему смазки повторно
Чрезмерное количество уплотняющего состава	<ul style="list-style-type: none"> Неправильная установка 	<ul style="list-style-type: none"> Установите уплотнение повторно
Утечка воды из соединительного приспособления шланга / уплотняющей прокладки корпуса	<ul style="list-style-type: none"> Неправильно нанесен уплотняющий состав Неправильно установлена уплотняющая прокладка 	<ul style="list-style-type: none"> Используйте уплотняющий состав в соответствии с инструкциями предприятия-изготовителя Используйте уплотняющую прокладку в соответствии с инструкциями предприятия-изготовителя
Неравномерный профиль зубьев	<ul style="list-style-type: none"> Зубчатый ремень привода натянут слишком сильно 	<ul style="list-style-type: none"> Замените ремень и установите правильную степень натяжения
Коррозия насосного колеса	<ul style="list-style-type: none"> Высокое содержание хлоридов в воде или охлаждающей жидкости 	<ul style="list-style-type: none"> Промойте систему охлаждения Используйте рекомендуемую охлаждающую жидкость
Коррозия в системе охлаждения	<ul style="list-style-type: none"> Повреждение уплотняющей прокладки головки цилиндра Используется охлаждающая жидкость, не соответствующая техническим характеристикам, установленным предприятием-изготовителем 	<ul style="list-style-type: none"> Замените уплотняющую прокладку головки цилиндра Произведите чистку системы охлаждения
Повреждение уплотняющей прокладки	<ul style="list-style-type: none"> Загрязнение системы охлаждения Применение непригодных жидкостей или несоблюдение пропорции смешивания Слишком высокое давление в системе охлаждения Повреждение уплотняющей прокладки головки цилиндра Износ 	<ul style="list-style-type: none"> Замените водяной насос
Поврежден подшипник водяного насоса	<ul style="list-style-type: none"> Сильные вибрации, вызванные повреждением муфты вентилятора Неправильное натяжение ремня Неправильно нанесен уплотняющий состав 	<ul style="list-style-type: none"> Замените водяной насос

1



2



3



4





FALHA OBSERVADA	POSSÍVEIS CAUSAS	SOLUÇÕES
Refrigerante vazando do orifício de vazamento	<ul style="list-style-type: none"> • Corrosão no sistema de refrigeração • Operando com água limpa 	<ul style="list-style-type: none"> • Limpe o sistema de refrigeração
Traços de condensação no orifício de vazamento	<ul style="list-style-type: none"> • Vazamento sutil de refrigerante ao as juntas se acomodarem 	<ul style="list-style-type: none"> • Observe por 1 - 3 horas de operação
Alojamento quebrado	<ul style="list-style-type: none"> • Encaixe incorreto • Danificados no transporte 	<ul style="list-style-type: none"> • Substitua a bomba de água
Contaminação por detritos	<ul style="list-style-type: none"> • Limpeza incorreta do sistema de refrigeração/lubrificação 	<ul style="list-style-type: none"> • Limpe o sistema de refrigeração / lubrificação novamente
Composto de vedação em excesso	<ul style="list-style-type: none"> • Encaixe incorreto 	<ul style="list-style-type: none"> • Faça a selagem novamente
Água vazando do conector da mangueira / junta do alojamento	<ul style="list-style-type: none"> • Composto de vedação incorretamente aplicado • Junta foi instalada incorretamente 	<ul style="list-style-type: none"> • Utilize o composto de vedação de acordo com as instruções do fabricante • Utilize a junta de acordo com as instruções do fabricante
Perfil de dente desigual	<ul style="list-style-type: none"> • Correia dentada muito tensionada 	<ul style="list-style-type: none"> • Troque a correia auxiliar e instale corretamente
A corrosão por pites no impulsor	<ul style="list-style-type: none"> • Alta concentração de cloreto na água / refrigerante 	<ul style="list-style-type: none"> • Limpe o sistema de refrigeração • Use o refrigerante recomendado
Corrosão no sistema inteiro de refrigeração	<ul style="list-style-type: none"> • Junta da cabeça do cilindro com defeito • Uso de refrigerante não compatível com as especificações dos fabricantes 	<ul style="list-style-type: none"> • Substitua a junta da cabeça do cilindro • Limpe o sistema de refrigeração
Junta defeituosa	<ul style="list-style-type: none"> • Contaminação do sistema de refrigeração • Uso de líquidos inadequados / aplicação de proporções de mistura erradas • Muita pressão no sistema de refrigeração • Junta da cabeça do cilindro com defeito • Desgaste 	<ul style="list-style-type: none"> • Substitua a bomba de água
Rolamento da bomba de água defeituosa	<ul style="list-style-type: none"> • Fortes vibrações causadas pelo acoplamento do ventilador com defeito • Tensão incorreta da correia • Composto de vedação incorretamente aplicado 	<ul style="list-style-type: none"> • Substitua a bomba de água



الإخفاق الملاحظ	الأسباب الممكنة	الحلول
تسريب تبريد من نقطة التسريب	<ul style="list-style-type: none"> التآكل في نظام التبريد العمل بمياه نظيفة 	<ul style="list-style-type: none"> نظام تبريد نظيف
آثار التكثيف عند نقطة التسريب	<ul style="list-style-type: none"> تسريب طفيف لسائل التبريد كمرساة 	<ul style="list-style-type: none"> لاحظ ١-٣ ساعة تشغيل
خرطوم مكسور	<ul style="list-style-type: none"> تركيب غير صحيح تلف في مجال النقل 	<ul style="list-style-type: none"> استبدل مضخة المياه
تلوث الحطام	<ul style="list-style-type: none"> التنظيف غير الصحيح لنظام التبريد/التشحيم 	<ul style="list-style-type: none"> تدفق التبريد/التشحيم النظام مرة ثانية
مركب الختم الفانض	<ul style="list-style-type: none"> تركيب غير صحيح 	<ul style="list-style-type: none"> إعادة الختم
تسرب المياه من موصل الخرطوم/حشية الخرطوم	<ul style="list-style-type: none"> مركب مختوم بشكل غير صحيح حشية تم تركيبها بشكل غير صحيح 	<ul style="list-style-type: none"> استخدم مركب الختم وفقا لتعليمات جهة التصنيع استخدم الحشية وفق تعليمات جهة التصنيع
ملف غير متساو	<ul style="list-style-type: none"> حزام توقيت مفرط في التأزم 	<ul style="list-style-type: none"> تغيير حزام المساعد والضبط بشكل صحيح
تآكل الضاغظ	<ul style="list-style-type: none"> تركيز الكلوريد المرتفع في المياه / المبرد 	<ul style="list-style-type: none"> نظام التبريد المعمول به استخدام المبرد الموصى بها
التآكل في نظام التبريد بأكمله	<ul style="list-style-type: none"> حشية مقدمة الاسطوانة المعيبة استخدام المبرد غير المتوافق مع مواصفات جهة التصنيع 	<ul style="list-style-type: none"> استبدل حشية مقدمة الاسطوانة نظام التبريد النظيف
الحشية المعيبة	<ul style="list-style-type: none"> تلوث نظام التبريد استخدم السوائل غير صالحة / نسب الخلط الخاطئة المطبقة الكثير من الضغط في نظام التبريد حشية مقدمة الاسطوانة المعيبة رتدي 	<ul style="list-style-type: none"> استبدل مضخة المياه
حامل مضخة المياه المعيبة	<ul style="list-style-type: none"> الاهتزازات القوية الناتجة عن توصيل المروحة توتر الحزام غير الصحيح تم تطبيق مركب الختم بشكل غير صحيح 	<ul style="list-style-type: none"> استبدل مضخة المياه

1



2



3



4





1



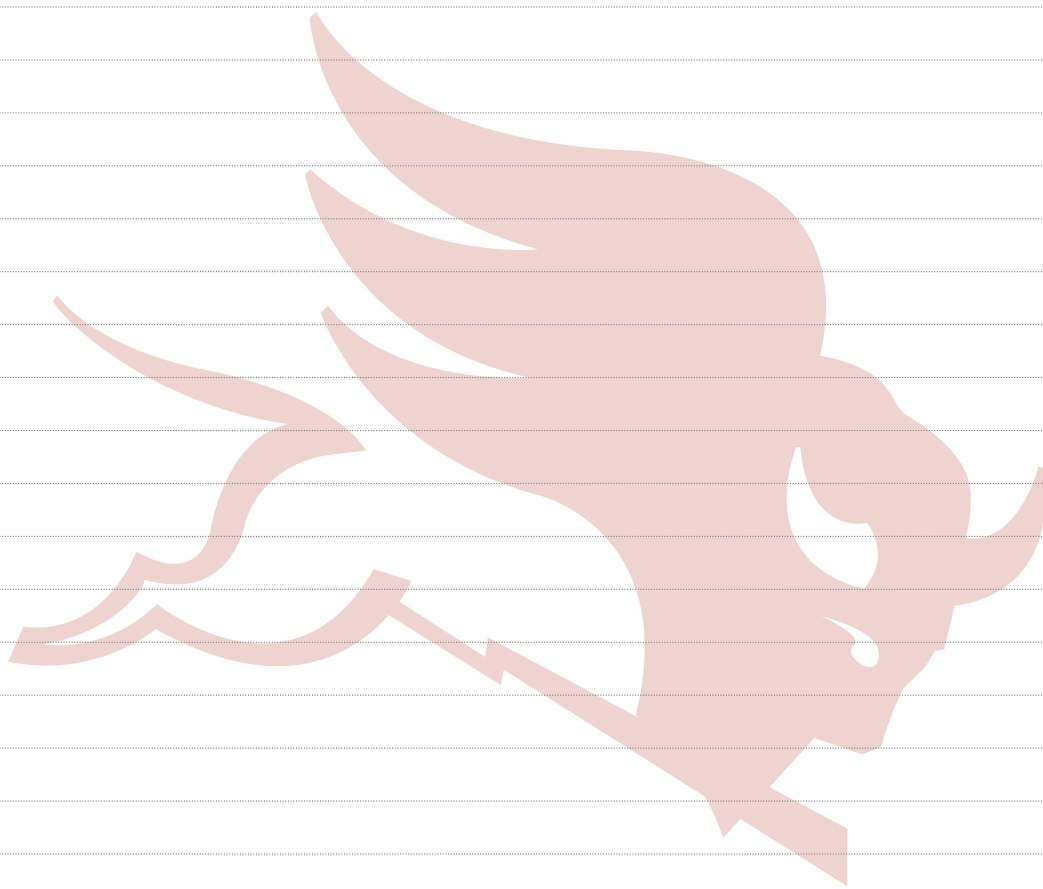
2



3



4





1



2



3



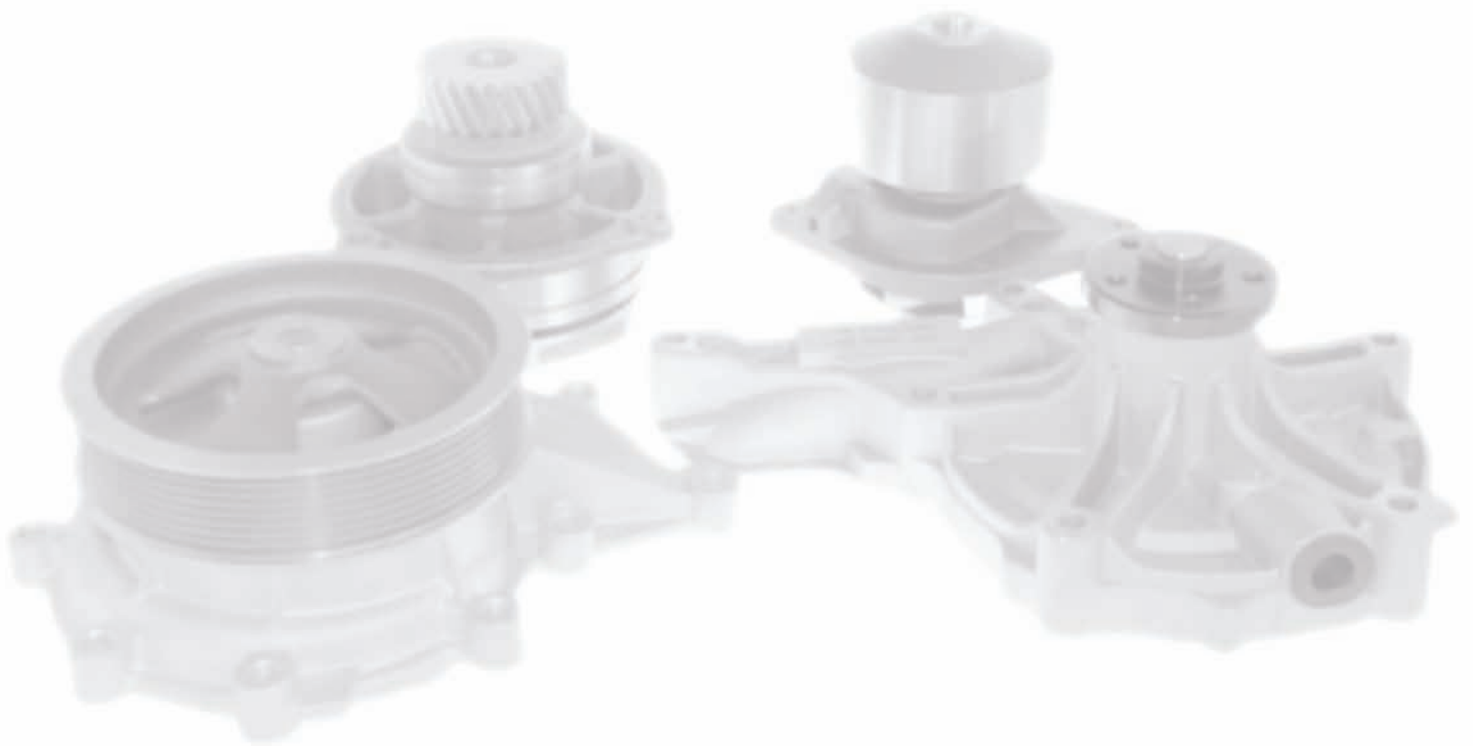
4



DISCLAIMER

DISCLAIMER · AVIS DE NON-RESPONSABILITÉ · ABLEHNUNG · ESCLUSIONE DI RESPONSABILITÀ · DISCLAIMER · DESCARGO DE RESPONSABILIDAD · WYŁĄCZENIE ODPOWIEDZIALNOŚCI · OTKAZ OT OTBETCTBEHHOCTИ · EXONERAÇÃO DE RESPONSABILIDADE · إخلاء المسؤولية القانونية

- 1**
- GB** The designated trademarks are registered marks of their respective owners and Meritor and its affiliates are not commercially connected, affiliated, or associated with any of the owners of such marks. The Meritor products presented herein are not endorsed or authorized by any of the trademark owners.
- F** Les marques désignées sont des marques déposées par leurs propriétaires respectifs. Meritor et ses filiales ne sont en aucun cas liés, affiliés ou associés aux propriétaires de ces marques. Les produits de Meritor présentés dans ce document ne sont ni recommandés ni autorisés par les propriétaires de ces marques.
- D** Die genannten Handelsmarken sind geschützte Marken ihrer jeweiligen Eigentümer und ArvinMeritor und seine unterschiedlichen Tochtergesellschaften sind mit keinem der Eigentümer dieser Marken gewerbsmäßig verbunden, eine Filiale der Marke oder der Marke angegliedert. Die hier präsentierten Produkte von ArvinMeritor werden von den Eigentümern der Handelsmarken anderweitig weder empfohlen noch konzessioniert.
- 2**
- I** I marchi specificati sono marchi registrati che appartengono ai relativi proprietari. Meritor e le sue società affiliate non hanno alcun legame commerciale, affiliazione o associazione con i proprietari di tali marchi. I prodotti Meritor qui presentati non sono raccomandati o autorizzati da nessuno dei proprietari di tali marchi.
- NL** De vermelde handelsmerken zijn geregistreerde merken van de respectievelijke eigenaren en de onderneming Meritor en haar filialen zijn niet commercieel verbonden aan, aangesloten bij of geassocieerd met de eigenaren van dergelijke merken. De hier gepresenteerde Meritor producten worden door geen van deze eigenaren van handelsmerken aanbevolen of goedgekeurd.
- 3**
- E** Las marcas designadas son marcas registradas de sus propietarios respectivos y Meritor y sus filiales no están conectados, afiliados o asociados comercialmente con ninguno de los propietarios de dichas marcas. Los productos Meritor presentados aquí no están aprobados o autorizados por ninguno de los propietarios de las marcas registradas.
- PL** Wskazane znaki handlowe są zastrzeżonymi znakami handlowymi odpowiednich właścicieli. Firma Meritor i spółki z nią powiązane nie podjęły żadnej współpracy handlowej z właścicielami tych znaków. Przedstawione tu produkty firmy Meritor nie mają rekomendacji ani autoryzacji właścicieli wymienionych znaków handlowych.
- RU** Указываемые торговые марки являются зарегистрированными торговыми марками их соответствующих владельцев и компания Meritor и ее дочерние структуры не имеют каких-либо коммерческих отношений, не аффилированы и не ассоциированы с какими-либо владельцами таких торговых марок. Представленные здесь изделия компании Meritor не являются переданными или санкционированными любыми владельцами торговых марок.
- 4**
- P** As marcas comerciais designadas são marcas registradas de seus respetivos proprietários e a Meritor e suas filiais não estão ligadas, afiliadas ou associadas comercialmente com quaisquer dos proprietários das referidas marcas. Os produtos da Meritor aqui apresentados não são apoiados ou autorizados por quaisquer dos proprietários de marcas comerciais.
- UAE** العلامات التجارية المختارة مسجلة لمالكها وأرفين ميريتور وشركاتها التابعة غير مرتبطة تجارياً أو تابعة أو متصلة بملاك هذه العلامات. ومنتجات أرفين ميريتور المقدمة هنا غير مدعومة أو مصرح بها من قبل أي من ملاك هذه العلامات.



MERITOR®

Meritor Aftermarket Switzerland AG

Neugutstrasse 89,
8600 Dübendorf, Switzerland
+41 44 824 8200 Tel

Meritor Aftermarket UK Limited

Unit 1 Broad Ground Road, Lakeside Industrial Estate,
Redditch, Worcestershire, B98 8YS, United Kingdom
+44 (0) 1527 50 3950 Tel

MC1700 Issued 06/2012

©2012 Meritor, Inc.
Information contained in this publication was in effect
at the time the publication was approved for printing and
is subject to change without notice or liability. Meritor
reserves the right to revise the information presented
or discontinue the production of parts at any time.

Distributed by



MC1700