



INA Belt Drive Components

2013/2014



SCHAEFFLER
AUTOMOTIVE AFTERMARKET



Symbols and abbreviations	3
Page layout Part identification	4
How to use the catalogue	5
Workshop bulletin: CV accessory drive Function of automatic adjustment systems	6
Damage diagnosis	7
Mounting and dismounting procedure Maintenance and replacement advice	8
How to check and replace ribbed belts	9
Information for daily work	10

BOVA	11
DAF	11
IVECO	12
MAN	12
MERCEDES-BENZ	13

MULTICAR	16
NEOPLAN	16
NISSAN	17
PLAXTON	17
RENAULT TRUCKS	17

SCANIA	18
SETRA	18
SOLARIS	18
VOLVO	18

Numerical Listing	20
OE References	21
Cross references	22

This catalogue, or any part of it, may not be copied without our written permission. We cannot accept any responsibility, or claim, for errors

which may occur. We reserve the right to alter specifications and/or construction.











Abbreviations

80A, 100A	Amperage of alternator
A/C	With air condition
(-A/C)	Without air condition
AIRC	Air compressor
ALT	Alternator
Bosch	Manufacturer of alternator
FAN	Fan
Frigoblock, Kerster, Rotocold	Manufacturer of cooling unit
GF	Overrunning alternator pulley
HYDP	Hydraulic pump

PN	Cross reference
PS	With power steering pump
(-PS)	Without power steering pump
SA...	Special model no.
SD	Vibration damper
SP	Tensioner/tensioning arm
(-TP)	Without tension pulley
VFAN	Visco fan
WP	Water pump
2x, 3x, 4x	Number used (only when more than x1)












Symbols

 BM	Vehicle manufacturer / model / type of construction
	Year of construction
	Instructions for the engine
	Single parts belt drive
	Tensioning pulley

	Deflecting pulley
	Information for using items
	Chassis number
QTY	Quantity
ORDER CODE NT ST	Auxiliary drive Primary drive

Part identification

- a** Vehicle manufacturer / model / type of construction
- b** Year of construction
- c** Instructions for the engine
- d** Type of pulley
- e** Information for using items
- f** Item number
- g** Part description

a	b	c	d	e	f	g
 BM						
BOVA						
Futura						
FHD 10, FHD 12, FHD 13, FLD 12, FLD 13; FHD 12, FHD 13; FHD 14 Magnum, FLD 15 Magnum; FLD 15 Magnum	09.01-	XE 250 C; XE 280 C; XE 315 C;		ALT	534 0158 10	0
Lexio						
LD 123, LD 130	09.05-	PE 228 C; PE 265 C;		ALT, 1x	534 0157 10	0
Magiq						
HD 120, HD 122; HD 131 Magnum, HD 139 Magnum	10.99-	XE 250 C; XE 280 C; XE 315 C;		ALT	534 0158 10	0
Synergy						
LD 123, LD 130	09.05-	PE 228 C; PE 265 C;		ALT, 1x	534 0157 10	0

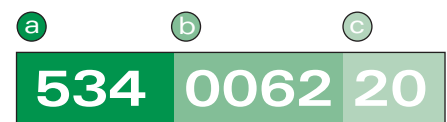
Page layout

The part number shows you the part in question. This provides you with a quick overview and enables you to allocate the parts more easily.

- a** Product group
 - 531 = Tensioner pulley
 - 532 = Deflection / Guide pulley
 - 533 = Single part (e.g. tensioning arm)
 - 534 = Compact tensioning unit
 - 535 = Overrunning alternator pulley

- b** Sequential number without particular meaning

- c** Packaging
 - Single parts
 - 10 = Single part
 - 20 = Single part
 - 30 = Single part





Method 1

You have a vehicle and are looking for the correct spare part - example: Tensioner pulley for BOVA Futura, FHD 12, from 09/01.

The following article is a suitable option for the model and engine number:

Tensioning pulley 534 0158 10

- ① Search for vehicle in the list
- ② Take into account any engine number or other specifications
- ③ Search for item number

BM	2001... 2002... 2003...					
BOVA	①	②				③
Futura						
FHD 10, FHD 12, FHD 13, FLD 12, FLD 13; FHD 12, FHD 13; FHD 14 Magnum, FLD 15 Magnum; FLD 15 Magnum	09.01-	XE 250 C; XE 280 C; XE 315 C;		ALT		534 0158 10 0
Lexio						
LD 123, LD 130	09.05-	PE 228 C; PE 265 C;		ALT, 1x		534 0157 10 0
Magiq						
HD 120, HD 122; HD 131 Magnum, HD 139 Magnum	10.99-	XE 250 C; XE 280 C; XE 315 C;		ALT		534 0158 10 0
Synergy						

Method 2

You have a reference number

For example:
Tensioning pulley 000 200 10 70

- ① Search for the OE reference number in the rear section of the catalogue
- ② The numerical list will show you which vehicle manufacturer the tensioning pulley assembly can be used for
- ③ You can use the pictures in the rear section of the catalogue to check whether it is the correct part

Note

Cross references of car manufacturers are for information purposes only.

This information must not be used in invoices, correspondence etc. to customers.

The online catalogue www.Schaeffler-Aftermarket.com is updated daily.
Further information is available at www.Schaeffler-Aftermarket.com and www.RepXpert.com

Belt damage

Common assumption:

The reason for belt wear and tear lies within the belt itself. The remedy to the problem is replacing the belt.

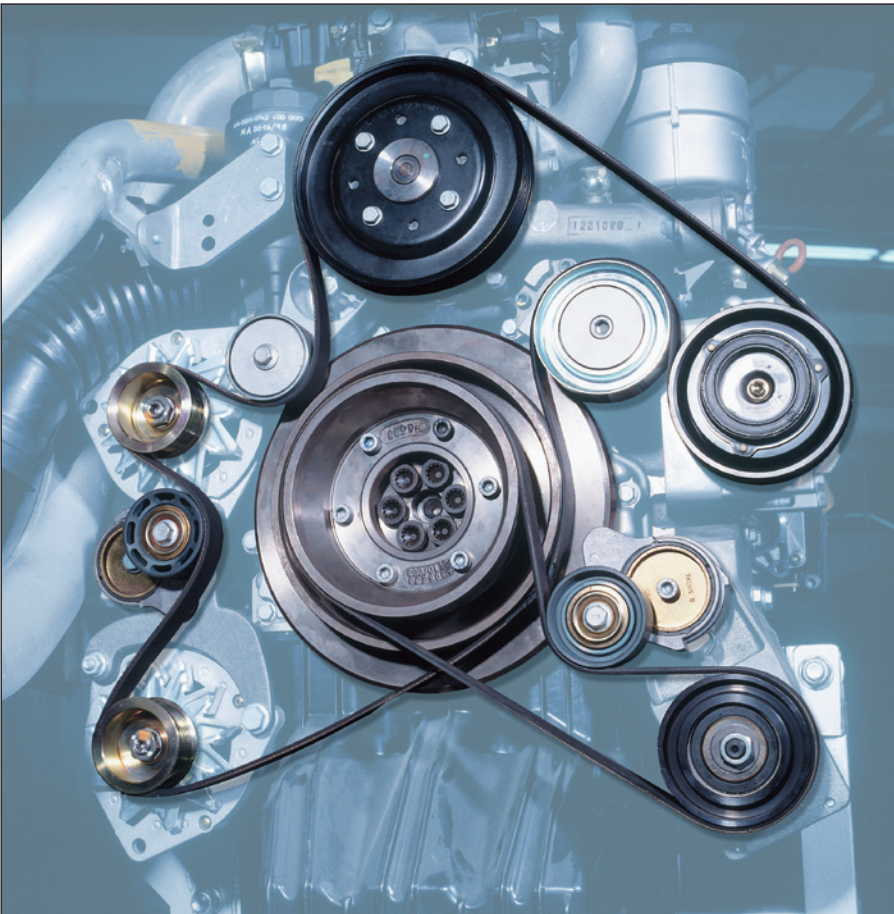


Precision and reliability for continuous heavyduty operation

Belt drive systems on commercial vehicles are subject to permanently high loads. In this demanding environment, the precise interplay of high-quality and professionally installed tensioner and idler pulleys is critical to reliability.

To a large degree, the function of the tensioning belt is determined by the system accessories. Unless replaced, defective accessories will always cause tensioner belt wear.

Function of automatic adjustment systems



- Automatic adjustment of the belt tension, i.e. compensation for tolerances of all drive components
- Compensation for belt elongation and wear
- Compensation for thermal expansion of all drive components
- Minimised belt slip and noise emissions
- Extended service life of the complete belt drive system

>>> and thus of all front-end auxiliaries

Bellows damaged!

Damaged part should be replaced, as oil can leak which leads to the loss of the damping function.

Likely cause:
Damaged by screwdriver.



Cage assembly in the bearing melted ① Cage assembly melted onto inner race ②

The marks on the idler pulley indicate that its outer race was subject to excessive heat caused by friction of the belt in the belt drive. Due to insufficient belt tension, the belt slipped over the tensioner pulley instead of being driven at the same speed.



Fracture surface at the screw and broken piece

The fastening screw (10.9 grade) has broken away. The marks at the fracture surface indicate that the torque applied to tighten the pulley was too high (overtorqued).



Fatigue at the inner race and corrosion of the parts

The running surfaces of the outer and inner race show clear running marks with signs of corrosion and fatigue at the inner race. The marks on both rollers signal that dirt and moisture have penetrated from the outside.



Tensioner Arm Damage

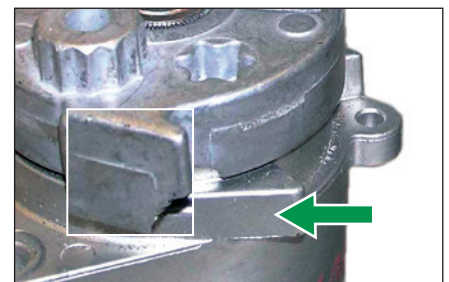
Possible causes of the damage:

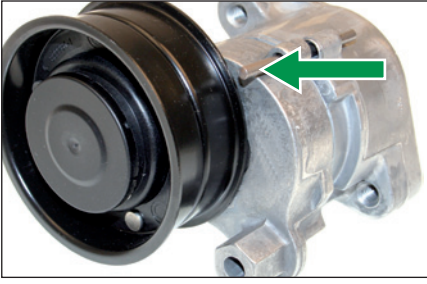
- During installation the tensioning arm has heavily impacted the limiting stop.
- The tensioning pin has been removed prior to mounting the belt.
- Incorrect belt length leads to the tensioning element operating in the critical range.



As a result, the limiting stop is exposed to pro-longed excessive forces.

- Depending on the application, the described overloading can also damage interior parts of the tensioner, as a result the correct alignment of the tension roller can no longer be ensured. This leads to lateral belt wear.



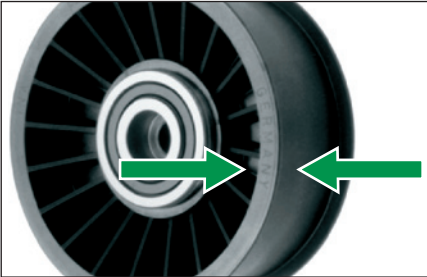


Caution: risk of injury!



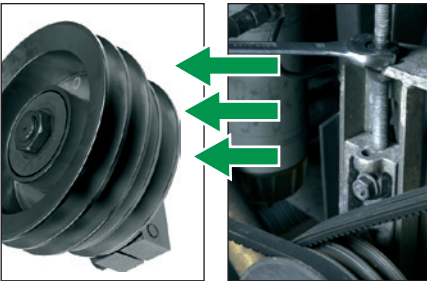
Make sure to install the tensioner and mount the belt correctly, prior to pulling the retaining pin out.

1. Installation advice for automatic tension rollers



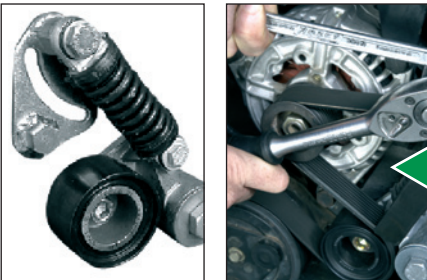
Make sure there is no misalignment of the idler pulleys, lateral contact with the guide flange of the idler pulley leads to belt wear and can eventually cause the belt to fail.

2. Installation advice for idler pulleys



Ensure parallel alignment of the ribbed belts which drive the tensioner pulleys and the ancillary pulleys (misalignment).

3. Installation advice for multiple-groove tension rollers



Use an appropriate setting gauge (arrow) or refer to the manufacturer's setting values to set the required pre-tension.

4. Installation advice for hydraulic belt tensioners

In commercial vehicles the belt pulley operates under the most extreme conditions. In an environment of high temperature and dirt levels, belt drive components are subject to extreme wear.

Maintenance and replacement advice

We therefore recommend that all system components, i.e. tension rollers and idlers, be replaced whenever the belt is replaced, unless other replacement intervals are specified by the vehicle manufacturer.



How to check and replace ribbed belts

① Disconnect the battery to prevent unintentional engine start-up. Sudden engine start-up while working on the engine compartment can lead to severe personal injury.

Attach a sign to the steering wheel saying “Do not start engine” (risk of injury).

② Tensioning devices are spring-loaded. Therefore remove them with great care.

③ The ribbed belt must be **removed or installed by hand without prying it on or off**. Do not force the belt over pulley edges, nor use a pry.

④ On systems with a multiple-stage auxiliary drive (e.g. buses), always replace every **ribbed belt at the same time** and use only belts of the same brand; in addition, check the system tensioners and idlers and replace them if damaged or defective. It is important to check for missing or damaged protective covers. If a cover is missing, the sealing washer of the ball bearing is directly exposed to dirt or water, which is detrimental, eventually allowing moisture to penetrate into the ball bearing. This in turn causes the ball bearing to fail prematurely.

The following belt drive components are easy to replace:

Automatic (self-adjusting) tensioner with protective cover



Hydraulic tensioner with protective steel disk



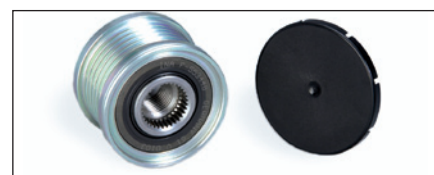
Smooth steel tensioner pulley



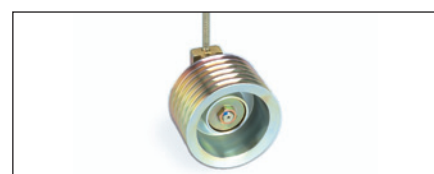
Smooth steel tensioner pulley



Overrunning alternator pulley with protective cover



Belt tensioner for bus engine



RepXpert – the Internet portal for garages and car dealerships.
You gain...

RepXpert

- more expertise thanks to comprehensive information on spare parts
- more time thanks to quicker repairs
- more efficiency thanks to professional garage management

Become a member free of charge at **www.RepXpert.com**.
 If you have any questions, contact us at: **info@RepXpert.com**.

www.RepXpert.com



Catalogue update/supplements? No problem in the future!

TecDoc

Benefit from the opportunities offered by the TecDoc DVD. This ensures that you receive quarterly updates of the catalogue data for your daily operations.

Send your orders to:

TecDoc Informations System GmbH
 Arnikaweg 3
 D-51109 Köln

Tel. +49 (0) 221/66 00-112
 Fax +49 (0) 221/66 00-100

e-mail: tecdoc@tecdoc.net

Online warranty via TecWarranty



Current information on LuK,
 INA and FAG branded products:

Schaeffler online catalogue

www.Schaeffler-Aftermarket.com



BOVA



BOVA

Futura

FHD 10, FHD 12, FHD 13, FLD 12, FLD 13; FHD 12, FHD 13; FHD 14 Magnum, FLD 15 Magnum; FLD 15 Magnum	09.01-	XE 250 C; XE 280 C; XE 315 C;		ALT	534 0158 10	0
---	--------	-------------------------------	--	-----	-------------	---

Lexio

LD 123, LD 130	09.05-	PE 228 C; PE 265 C;		ALT, 1x	534 0157 10	0
----------------	--------	---------------------	--	---------	-------------	---

Magiq

HD 120, HD 122; HD 131 Magnum, HD 139 Magnum	10.99-	XE 250 C; XE 280 C; XE 315 C;		ALT	534 0158 10	0
--	--------	-------------------------------	--	-----	-------------	---

Synergy

DD 130, DD 138	09.04-	XE 315 C; XE 355 C;		ALT	534 0158 10	0
----------------	--------	---------------------	--	-----	-------------	---

DAF

75 CF

FA 75 CF 250; FA 75 CF 290; FA 75 CF 320; FAG 75 CF 250, FAN 75 CF 250; FAG 75 CF 290, FAN 75 CF 290; FAG 75 CF 320, FAN 75 CF 320; FAR 75 CF 250, FAS 75 CF 250; FAR 75 CF 290, FAS 75 CF 290; FAR 75 CF 320, FAS 75 CF 320; FAT 75 CF 250; FAT 75 CF 290; FAT 75 CF 320; FT 75 CF 250; FT 75 CF 290; FT 75 CF 320	02.98-12.00	PF 183 M; PF 212 M; PF 235 M;		ALT, OE# 1356457	532 0469 10	0
---	-------------	-------------------------------	--	------------------	-------------	---

95 XF

FT 95 XF 530	02.01-09.02	XE 390 C;		ALT	534 0158 10	0
--------------	-------------	-----------	--	-----	-------------	---

CF 75 / CF 85

FA 75.250; FA 75.310; FA 75.360; FAG 75.250, FAN 75.250; FAG 75.310, FAN 75.310; FAG 75.360, FAN 75.360; FAR 75.250, FAS 75.250; FAR 75.310, FAS 75.310; FAR 75.360, FAS 75.360; FAT 75.250; FAT 75.310; FAT 75.360; FT 75.250; FT 75.310; FT 75.360	01.01-	PE 183 C; PE 228 C; PE 265 C; PR 183 S; PR 228 S; PR 265 S;		ALT, 1x	534 0157 10	0
				ALT, OE# 1356457	532 0469 10	0

FA 85.340; FA 85.380; FA 85.430; FA 85.480; FAD 85.340; FAD 85.380; FAD 85.430; FAD 85.480; FAG 85.340, FAN 85.340; FAG 85.380, FAN 85.380; FAG 85.430, FAN 85.430; FAG 85.480, FAN 85.480; FAR 85.340, FAS 85.340; FAR 85.380, FAS 85.380; FAR 85.430, FAS 85.430; FAR 85.480, FAS 85.480; FAT 85.340; FAT 85.380; FAT 85.430; FAT 85.480; FT 85.340; FT 85.380; FT 85.430; FT 85.480; FTG 85.340; FTG 85.380; FTG 85.430; FTG 85.480; FTS 85.340; FTS 85.380; FTS 85.430; FTT 85.340; FTT 85.380; FTT 85.430; FTT 85.480	01.01-	XE 250 C; XE 280 C; XE 315 C; XE 355 C;		ALT	534 0158 10	0
				ALT, OE# 1356457	532 0469 10	0

FA 85.360; FA 85.410; FA 85.460; FA 85.510; FAC 85.340; FAC 85.360, FAX 85.360; FAC 85.380; FAC 85.410, FAX 85.410; FAC 85.430; FAC 85.460, FAX 85.460; FAC 85.480; FAC 85.510, FAX 85.510; FAD 75.250; FAD 75.310; FAD 75.360; FAD 85.360; FAD 85.410; FAD 85.460; FAD 85.510; FAG 85.360, FAN 85.360; FAG 85.410, FAN 85.410; FAG 85.460, FAN 85.460; FAG 85.510, FAN 85.510; FAR 85.360, FAS 85.360; FAR 85.410, FAS 85.410; FAR 85.460, FAS 85.460; FAR 85.510, FAS 85.510; FAT 85.360; FAT 85.410; FAT 85.460; FAT 85.510; FAX 85.340; FAX 85.360; FAX 85.380; FAX 85.430; FAX 85.480; FT 85.360; FT 85.410; FT 85.460; FT 85.510; FTG 85.360; FTG 85.410; FTG 85.460; FTG 85.510; FTP 85.340; FTP 85.380; FTP 85.430; FTP 85.480; FTR 85.360; FTS 85.360; FTS 85.410; FTS 85.460; FTS 85.510; FTP 85.410; FTR 85.460; FTS 85.460; FTP 85.460; FTR	01.01-	MX 265; MX 300; MX 340; MX 375; PR 183 S; PR 228 S; PR 265 S; XE 250 C; XE 280 C; XE 315 C; XE 355 C; XF 355 M;		ALT, OE# 1356457	532 0469 10	0
---	--------	---	--	------------------	-------------	---


DAF
CF 75 / CF 85

85.510; FTS 85.510; FTP 85.510; FTS 85.480; FTT 85.360; FTT 85.410; FTT 85.430; FTT 85.460; FTT 85.510	01.01-	MX 265; MX 300; MX 340; MX 375; PR 183 S; PR 228 S; PR 265 S; XE 250 C; XE 280 C; XE 315 C; XE 355 C; XF 355 M;				
--	--------	---	--	--	--	--

XF 95

FA 95.380; FA 95.430; FA 95.480; FA 95.530; FAR 95.380; FAR 95.480; FT 315; FT 355; FT 95.380; FT 95.530; FTG 95.380; FTG 95.430; FTG 95.480; FTM 95.380; FTM 95.430; FTM 95.480	09.02-12.06	XE 280 C; XE 315 C; XE 355 C; XE 390 C;		ALT	534 0158 10	0
--	-------------	---	--	-----	-------------	---

IVECO
CITYCLASS
EuroCargo
EURORIDER
EuroStar

LD 190 E 39 P, LD 190 E 39 FP; LD 260 E 39 P, LD 260 E 39 FP; LD 440 E 39 T, LD 440 E 39 T/P	11.99-02.02	F3AE0681E;		A/C, OE# 500350419, 1x	531 0608 20	0
LD 400 E 38 TX/P, LD 440 E 38 TX/P; LD 440 E 38 T; LD 440 E 38 TZ	01.93-02.02	8460.41L.5020; 8460.41L TCA; 8460.41N;		≡ 8460.41N, W/P, 1x	532 0399 20	0

EuroTech MH
EuroTech MP

190 E 39, 190 E 39 /P, 190 E39 /FP; 260 E 39 Y, 260 E 39 Y/P, 260 E 39 Y/FP, 260 E 39 Y/FS; 440 E 39 T, 440 E 39 T/P, 440 E 39 T/FP-CT; 440 E 39 TX/P	11.99-	F3AE0681E;		A/C, OE# 500350419, 1x	531 0608 20	0
260 E 38 P	01.94-	8460.41N;		W/P, 1x	532 0399 20	0
400 E 38 T, 440 E 38 T, 440 E 38 T /P; 400 E 38 TXP	01.92-12.96	8460.41L.5020; 8460.41N;		≡ 8460.41N, W/P, 1x	532 0399 20	0

EuroTrakker

MP 190 E 38 W Cursor; MP 260 E 38 H Cursor; MP 260 E 38 W Cursor; MP 340 E 38 HB Cursor; MP 340 E 38 H Cursor; MP 380 E 38 H Cursor; MP 380 E 38 W Cursor; MP 410 E 38 H Cursor	01.01-11.04	F3BE0681G;		A/C, OE# 500350419, 1x	531 0608 20	0
---	-------------	------------	--	------------------------	-------------	---

Stralis
MAN
EL

EL 202, EL 222; EL 202, EL 262; EL 262	01.93-06.97	D 0826 LUH; D 0826 LUH 03; D 0826 LUH 05; D 0826 LUH 12; D 2866 LUH 22;		Kerster, Rotocold, 1x	533 0038 10	0
--	-------------	---	--	-----------------------	-------------	---

EM
F 2000

19.603 FLS, 19604 FLS; 26.603 DFC, DFLC; 26.603 DFK, DFLK; 26.603 DFS, DFLS; 27.603 DFAS; 27.603 DFS; 33.603 DFAC; 33.603 DFAS; 33.603 DFC; 33.603 DFS	01.96-	D 2840 LF20;		für Fahrzeuge mit Viscolüfter, OE# 51.95800-6035, 1x	531 0620 10	0
--	--------	--------------	--	--	-------------	---

F 90
L 2000
LION S COACH
LION S COMFORT
LION S STAR
M 2000 L
NG

NG 262; NG 262, NG 272	08.92-07.98	D 0826 LUH 01; D 2865 LUH09;		Kerster, Rotocold, 1x	533 0038 10	0
------------------------	-------------	------------------------------	--	-----------------------	-------------	---

NL

NL 202; NL 202, NL 222, NL 223; NL 202, NL 262, NL 263	09.89-04.94	D 0826 LUH; D 0826 LUH/213; D 0826 LUH 03; D 0826 LUH 12;		Kerster, Rotocold, 1x	533 0038 10	0
NL 273		D 2066 LUH 11; D 2066 LUH 21;		ALT	532 0412 10	0

NM
NU

NU 263	07.98-	D 0826 LUH 13;		Kerster, Rotocold, 1x	533 0038 10	0
--------	--------	----------------	--	-----------------------	-------------	---

TGA

--	--	--	--	--	--	--





MAN

TGL

TGM

ÜL

MERCEDES-BENZ

ACTROS

1831, 1831 L; 1831 K; 1831 S, 1831 LS; 1835, 1835 L; 1835 K; 1835 S, 1835 LS; 1840, 1840 L; 1840 S, 1840 LS; 1843, 1843 L; 1843 K; 1843 S, 1843 LS; 1848, 1848 L; 1848 K; 1848 S, 1848 LS; 1853, 1853 L; 1853 S, 1853 LS; 2031; 2031 K; 2031 S; 2040; 2040 S; 2043 AS; 2053 S; 2531, 2531 L; 2531 LS; 2535 L; 2535 LS; 2540, 2540 L; 2540 LS; 2543, 2543 L; 2543 LS; 2548, 2548 L; 2548 LS; 2553, 2553 L; 2553 LS; 2631, 2631 L; 2631 B; 2631 K; 2635, 2635 L; 2635 B; 2635 K, 2635 LK; 2640, 2640 L; 2640 S, 2640 LS; 2643, 2643 L; 2643 K, 2643 LK; 2643 S, 2643 LS; 2648, 2648 L; 2648 K, 2648 LK; 2648 S, 2648 LS; 2653, 2653 L; 2653 K, 2653 LK; 2653 S, 2653 LS; 3231 B; 3231 K; 3235; 3235 B; 3235 K; 3240; 3240 K; 3243; 3243 K; 3331; 3331 B; 3331 K; 3331 S; 3335; 3335 B; 3335 K; 3335 S; 3340; 3340 K; 3340 S; 3343; 3343 K; 3343 S; 3348; 3348 K; 3348 S; 3353; 3353 AS; 3353 S; 4143 K; 4148 K	04.96-10.02	OM 541.920; OM 541.921; OM 541.922; OM 541.923; OM 541.925; OM 541.940; OM 541.942; OM 541.944; OM 541.946; OM 541.947; OM 542.920; OM 542.921; OM 542.926; OM 542.940; OM 542.942; OM 542.943;		Ø 80 mm, Frigoblock, SA505160 08, OE# 541 200 1470, 1x	531 0680 10	0
--	-------------	---	--	---	--------------------	---

ACTROS MP2 / MP3

1850, 1851, L, LL	04.03-	OM 542.940; OM 542.960;		Frigoblock, SA505160 08, 1x	531 0680 10	0
-------------------	--------	-------------------------	--	-----------------------------	--------------------	---

ATEGO / ATEGO 2

1017, 1017 L; 1017 A; 1017 AK; 1017 K; 1017 KO, 1018 KO; 1215, 1215 L; 1215 K; 1217, 1217 L; 1217 K; 1217 KO; 1317, 1317 L; 1317 A; 1317 AK; 1317 K; 1317 KO, 1317 LKO, 1318 KO, 1318 LKO; 1517, 1517 L; 1517 A; 1517 K; 712; 715,715 L; 812; 815,815 L; 815, 815 L; 815 F; 815 K; 817, 817 L; 817 K; 917, 917 L; 917 AF; 917 K	01.98-10.04	OM 900.912; OM 900.913; OM 904.909; OM 904.911; OM 904.917; OM 904.922; OM 904.949;		WP, SA505072 18, OE# 000 550 0633, 1x	532 0235 10	0
				Bosch, SA505029 21, 100A, OE# 906 155 1515, 1x	535 0055 10	0
				ALT, Bosch, 80A, OE# 009 154 98 02, 2x ALT, Bosch, 100A, OE# 010 154 00 02	535 0078 10	0
1023, 1023 L; 1223, 1223 L; 1225 AF; 1225 F; 1228, 1228 L; 1323, 1323 L; 1323 KO, 1323 LKO; 1323 LS; 1325 F; 1328, 1328 L; 1328 AF; 1328 F; 1328 LS; 1523, 1523 L; 1523 A; 1523 AK; 1523 K; 1523 KO; 1525 AF; 1528, 1528 L; 1528 AF; 1528 F; 1823 AK; 1823 K; 1823 LS; 1828 AK; 1828 K; 1828 LS; 2523 L; 2528 L; 2628; 2628 B; 2628 K; 815 K; 823, 823 L; 823 K; 923, 923 L; 923 K; 925 AF	01.98-10.04	OM 904.922; OM 906.910; OM 906.911; OM 906.915; OM 906.916; OM 906.919; OM 906.920; OM 906.921; OM 906.922; OM 906.923; OM 906.926; OM 906.939;		Bosch, SA505029 21, 100A, OE# 906 155 1515, 1x	535 0055 10	0
				ALT, Bosch, 80A, OE# 009 154 98 02, 2x ALT, Bosch, 100A, OE# 010 154 00 02	535 0078 10	0
1023, 1023 L, 1024, 1024 L; 1214, 1214 L; 1215, 1215 L, 1216, 1216 L; 1223, 1223 L, 1224, 1224 L; 1323 A, 1324 A; 1323 LS, 1324 LS; 1523, 1523 L, 1524, 1524 L; 1523 A, 1524 A; 1523 KO; 714, 714 L; 714 K; 715, 715 L, 716, 716 L; 717, 717 L; 717 K; 812, 813; 812 K; 814, 814 L; 814 K; 815, 815 L, 816, 816 L; 815 K, 816 K; 823, 823 L, 824, 824 L; 915, 915 L, 916, 916 L; 923, 923 L, 924, 924 L	01.98-10.04	OM 900.911; OM 900.912; OM 900.917; OM 900.918; OM 902.916; OM 904.909; OM 904.910; OM 904.911; OM 904.916; OM 904.917; OM 904.922; OM 904.930; OM 906.910; OM 906.915;		ALT, Bosch, 80A, OE# 009 154 98 02, 2x ALT, Bosch, 100A, OE# 010 154 00 02	535 0078 10	0
				ALT, Bosch, 100A, OE# 009 154 98 02, 2x ALT, Bosch, 100A, OE# 010 154 00 02		
1023 A, 1024 A; 1323, 1323 L, 1324, 1324 L	10.04-	OM 902.916; OM 906.910; OM 906.915;		ALT, Bosch, 100A, OE# 009 154 98 02, 2x ALT, Bosch, 100A, OE# 010 154 00 02	535 0078 10	0


MERCEDES-BENZ
ATEGO / ATEGO 2

1228, 1228 L, 1229, 1229 L; 1328, 1328 L, 1329, 1329 L; 1328 LS, 1329 LS; 1528, 1528 L, 1529, 1529 L	10.04-	OM 902.918; OM 906.911; OM 906.916;		A/C, SA 522068, Sa 522068/05, 1x, OM 906.911, OM 906.916	531 0604 30	0
				ALT, Bosch, 80A, OE# 009 154 98 02, 2x ALT, Bosch, 100A, OE# 010 154 00 02	535 0078 10	0
1325 AF	01.98-10.04	OM 906.919; OM 906.939;		Bosch, SA505029 21, 100A, OE# 906 155 1515, 1x	535 0055 10	0
				ALT, Bosch, 100A, OE# 009 154 98 02, 2x ALT, Bosch, 100A, OE# 010 154 00 02	535 0078 10	0
1823, 1823 L; 1828, 1828 L; 1828 A	01.98-10.04	OM 906.920; OM 906.921; OM 906.923; OM 906.925; OM 906.926;		A/C, SA 522068, SA 522068/05, 1x	531 0604 30	0
				Bosch, SA505029 21, 100A, OE# 906 155 1515, 1x	535 0055 10	0
				ALT, Bosch, 80A, OE# 009 154 98 02, 2x	535 0078 10	0
				ALT, Bosch, 100A, OE# 010 154 00 02		
712, 713	10.04-	OM 900.911; OM 900.917; OM 904.909; OM 904.915;		A/C, SA 522068, SA 522068/05, 1x, OM 904.915	531 0604 30	0
				ALT, Bosch, 80A, OE# 009 154 98 02, 2x ALT, Bosch, 100A, OE# 010 154 00 02	535 0078 10	0

AXOR / AXOR 2

1823; 1823 AK, 1824 AK; 1823 K; 1823 K, 1823 KL, 1824 K; 1823 LS, 1824 LS; 1828 AK, 1829 AK; 1828 K, 1828 KL, 1829 K; 2523; 2523 K; 2528; 2528 L, 2529 L; 2623 L; 2628, 2629; 2628 B; 2628 B, 2629 B; 2628 K; 2628 K, 2629 K; 2628 L; 3228 C	01.02-10.04	OM 902.913; OM 902.915; OM 902.930; OM 902.932; OM 906.920; OM 906.921; OM 906.922; OM 906.923; OM 906.925; OM 906.926; OM 906.927; OM 906.928; OM 906.995;		ALT, Bosch, 80A, OE# 009 154 98 02, 2x ALT, Bosch, 100A, OE# 010 154 00 02	535 0078 10	0
				A/C, SA 522068, SA 522068/05, 1x	531 0604 30	0
1823, 1823 L, 1824, 1824 L, LL; 1828, 1828 L, 1829, 1829 L, LL	10.04-	OM 902.913; OM 902.915; OM 906.920; OM 906.921; OM 906.926;		A/C, SA 522068, SA 522068/05, 1x	531 0604 30	0
				ALT, Bosch, 80A, OE# 009 154 98 02, 2x ALT, Bosch, 100A, OE# 010 154 00 02	535 0078 10	0
1826, 1826 L, LL	10.04-	OM 902.914;		A/C, SA 522068, SA 522068/05, 1x	531 0604 30	0
1828 A, 1829 A	10.04-	OM 902.932; OM 906.923; OM 906.928;		A/C, SA 522068, SA 522068/05, 1x, OM 902.932, OM 906.923	531 0604 30	0
				ALT, Bosch, 80A, OE# 009 154 98 02, 2x ALT, Bosch, 100A, OE# 010 154 00 02	535 0078 10	0
1835 LS; 1840 LS; 1843 LS	01.02-10.04	OM 457.937;		SA505160 08, 1x	531 0680 10	0
				WP, SA522068 02, OE# 000 550 0633, 1x	532 0235 10	0
1836 LS, LLS; 1840 LS, LLS; 2535 L, 2536 L, 2536 LL; 2540 L, LL; 2636 B; 2636 K; 3240	10.04-	OM 457.937; OM 457.948; OM 457.955; OM 457.956; OM 457.957; OM 457.980; OM 457.981;		A/C, SA 522068, SA 522068/05, 1x, OM 457.937	531 0604 30	0
				OM 457.937, WP, 1x	534 0256 10	0
2436 LS, 2536 LS; 2440 LS, 2540 LS; 2443 LS, 2543 L, LL; 2636; 2640; 2643; 3243	10.04-	OM 457.937; OM 457.948; OM 457.980; OM 457.981;		A/C, SA 522068, SA 522068/05, 1x, OM 457.937	531 0604 30	0
2640 B; 2643 B; 2643 K; 3236 B; 3236 K; 3240 B; 3240 K; 3243 B; 3243 K	10.04-	OM 457.956; OM 457.957; OM 457.980; OM 457.981;		OM 457.956, WP, 1x	534 0256 10	0
2640 K	10.04-	OM 457.956; OM 457.957; OM 457.980; OM 457.981;		A/C, SA 522068, SA 522068/05, 1x, OM 457.956	531 0604 30	0
				OM 457.956, WP, 1x	534 0256 10	0





MERCEDES-BENZ

AXOR / AXOR 2

3340 K	10.04-	OM 457.910; OM 457.917; OM 457.918; OM 457.937; OM 457.956; OM 457.957;		A/C, SA 522068, SA 522068/05, 1x, OM 457.937	531 0604 30	0
				A/C, SA 522068, SA 522068/05, 1x, OM 457.937, OM 457.956	531 0604 30	0

CITARO (O 530)

Citaro G; Citaro GNG; Citaro N; Citaro NG	01.98-	M 476.930; M 476.932; M 476.933; M 476.934;		WP, 1x	532 0195 10	0
Citaro G; Citaro N	01.99-	OM 906.930; OM 906.960; OM 906.961; OM 906.962; OM 906.963; OM 909.901; OM 909.921;		WP, 1x	532 0195 10	0
				ALT, Bosch, 100A, OE# 010 154 89 02	535 0069 10	0
Citaro N	01.98-	OM 457.934; OM 457.942; OM 457.949; OM 457.950; OM 457.951; OM 457.957;		WP, OE# 457 200 2170, 1x	531 0605 30	0
				angetr. Agg.: 2.Generator, 2x	532 0410 20	0
Citaro N	01.98-	OM 906.930; OM 906.931; OM 906.960; OM 906.961; OM 909.900; OM 909.901; OM 909.911; OM 909.921;		A/C, →069374, 2x	532 0032 10	0
				WP, 1x	532 0195 10	0
				ALT, Bosch, 100A, OE# 010 154 89 02	535 0069 10	0

CITO (O 520)

177 kW	06.99-	OM 904.942;		WP, 1x	532 0195 10	0
				ALT, Bosch, 100A, OE# 010 154 89 02	535 0069 10	0

CONECTO (O 345)

CONECTO C, H, M, UE	11.01-	OM 457.942;		WP, OE# 457 200 2170, 1x	531 0605 30	0
				angetr. Agg.: 2.Generator, 2x	532 0410 20	0
CONECTO C, H, UE	11.01-	OM 906.960;		A/C, 1x	532 0195 10	0
				WP, 1x	535 0069 10	0
				ALT, Bosch, 100A, OE# 010 154 89 02		

ECONIC

1823 L, 1823 LL	03.98-	OM 906.924; OM 906.940; OM 906.951;		A/C, SA 522068, SA 522068/05, 1x	531 0604 30	0
				WP, 1x	532 0195 10	0
				Bosch, SA505029 13, 100A, OE# 906 155 1215, 1x	535 0068 10	0
1824 L, 1824 LL; 1829 L, 1829 LL; 1833 L, 1833 LL	10.06-	OM 902.927; OM 902.933; OM 926.924; OM 926.934;		A/C, SA 522068, SA 522068/05, 1x	531 0604 30	0
1828 L, 1828 LL	03.98-	OM 906.941; OM 906.952;		A/C, SA 522068, SA 522068/05, 1x	531 0604 30	0
				Bosch, SA505029 13, 100A, OE# 906 155 1215, 1x	535 0068 10	0
2628 LL	01.98-	OM 906.941; OM 906.952;		Bosch, SA505029 13, 100A, OE# 906 155 1215, 1x	535 0068 10	0

LK/LN2

1117,1117 L; 1117 K; 1117 LO; 1117 S; 1317,1317 L; 1317 K; 1317 KO; 1317 LS; 1517,1517 L; 1517 K; 711; 811; 811 K; 817,817 L; 817 K; 817 LO; 817 S,817 LS; 917; 917 K; 917 KO	03.96-12.98	OM 904.905; OM 904.907;		WP, SA505072 18, OE# 000 550 0633, 1x	532 0235 10	0
				ALT, Bosch, 80A, OE# 009 154 98 02, 2x	535 0078 10	0
811 K	03.94-12.98	OM 354.900;		WP, SA505072 18, OE# 000 550 0633, 1x	532 0235 10	0
814,814L; 814 F; 814 K; 814 LO; 814 S	03.96-12.98	OM 904.906;		ALT, Bosch, 80A, OE# 009 154 98 02, 2x	535 0078 10	0
817 F	03.96-12.98	OM 904.907;		WP, SA505072 18, OE# 0005500633, 1x	532 0235 10	0
				ALT, Bosch, 80A, OE# 009 154 98 02, 2x	535 0078 10	0

MK

O 100

City	01.94-	OM 602.940;		ALT, , (PS)	531 0718 10	0
				ALT	533 0095 10	0
				ALT	533 0065 20	0
				ALT	533 0066 20	0
				ALT, , (-PS)-	532 0025 10	0

O 303

O 303	01.80-09.92	OM 421.908; OM 441.908; OM 441.909; OM 441.911; OM 441.950; OM 441.953;		A/C, 1x FAN, 1x	531 0126 10	0
-------	-------------	---	--	--------------------	-------------	---


MERCEDES-BENZ
O 303

O 303	01.80-09.92	OM 442.910; OM 442.911; OM 442.918; OM 442.939; OM 442.954; OM 442.955; OM 442.960; OM 442.961;				
-------	-------------	---	--	--	--	--

O 340 / O 404

O 340	01.91-06.95	OM 441.994; OM 441.995;		WP, 1x	531 0126 10	0
				WP, 1x	532 0032 10	0
O 404; Turismo	09.91-10.99	OM 401.970; OM 401.974; OM 402.970; OM 402.984; OM 402.995; OM 441.921; OM 441.922; OM 441.980; OM 442.930; OM 442.931; OM 445.934; OM 445.935; OM 446.934; OM 446.938;		A/C, 1x FAN, 1x	531 0126 10	0
				A/C, 1x WP, 1x	532 0032 10	0

TOURINO (O 510)

TOURINO	10.03-	OM 906.961; OM 906.962;		WP, 1x A/C, 1x	532 0195 10	0
				ALT, Bosch, 100A, OE# 010 154 89 02	535 0069 10	0

TOURISMO (O 350)

Tourismo; Turismo RHD, SHD	08.95-	OM 441.980; OM 445.934; OM 446.938;		WP, 1x	531 0126 10	0
				WP, 1x	532 0032 10	0
Tourismo	08.95-	OM 402.970;		A/C, 1x FAN, 1x	531 0126 10	0
				A/C, 1x WP, 1x	532 0032 10	0
Tourismo RHD, SHD	09.03-	OM 457.944;		FAN, →003455, 1x	532 0195 10	0
Tourismo RHD, SHD	09.03-	OM 457.944;		WP, 1x	534 0256 10	0
				FAN, →003455, 1x	532 0195 10	0

TOURO (O 500)
TRAVEGO (O 580)

O 580-15 RH/RHD	10.99-	OM 457.940;		WP, 1x	534 0256 10	0
				anetr. Agg.: 2.Generator, 2x A/C, 1x FAN, →003455, 1x	532 0410 20	0
O 580-15 RH/RHD	10.99-	OM 457.936; OM 457.938;		A/C, Klima Fahrerplatz, EVO: A 4570011401, 1x, OM 457.936, OM 457.937	531 0604 30	0
				OM 457.936, WP, 1x	534 0256 10	0
				anetr. Agg.: 2.Generator, 2x A/C, 1x FAN, OM 457.936, →003455, 1x	532 0410 20	0
O 580-17 RHD	10.99-	OM 542.948;		WP, 1x	534 0256 10	0
O 580-17 RHD	10.99-	OM 457.944;		FAN, →003455, 1x	532 0195 10	0

UNIMOG

U 300; U 400	03.00-	OM 904.927; OM 904.928;		Bosch, SA505029 13, 100A, OE# 906 155 1215, 1x	535 0068 10	0
U 3000; U 5000	09.02-	OM 900.920; OM 904.953; OM 924.916; OM 924.923;		WP, SA505072 18, OE# 000 550 0633, 1x	532 0235 10	0
				Bosch, SA505029 13, 100A, OE# 906 155 1215, 1x	535 0068 10	0
U 400; U 500, UGN NA	03.00-	OM 906.935;		WP, 1x	532 0195 10	0
				Bosch, SA505029 13, 100A, OE# 906 155 1215, 1x	535 0068 10	0
U 500, UGN NA	10.00-	OM 906.955; OM 906.967;		A/C, SA 522068, Sa 522068/05, 1x, OM 906.955	531 0604 30	0
				WP, 1x	532 0195 10	0
				Bosch, SA505029 13, 100A, OE# 906 155 1215, 1x	535 0068 10	0

MULTICAR
Fumo

2,8	09.01-	8140.43B;		A/C, 1x	532 0399 20	0
3,0	09.06-	F1CE0481FA;		A/C	531 0812 10	0
				ALT	534 0280 10	0
				ALT, Bosch, 110A, OE# 504087183	535 0103 10	0

NEOPLAN
Centroliner

--	--	--	--	--	--	--





NISSAN



NEOPLAN

Cityliner

N 116; N 116/3 HC	09.90-	D 2866 KOH/373; D 2866 LOH 06; D 2866 LOH 07; D 2866 LOH 20; D 2876 LOH 02; DS 11.34; DSC 11.21; DSC 11.22; WS 268 G; WS 295 G;		ALT, OM442LA, 1x	531 0126 10	0
N 1216 HD; N 1216 HDC	09.06-	D 2066 LOH 03; D 2066 LOH 04;		ALT	532 0412 10	0

Euroliner

Starliner

N 516; N 516/3	09.96-			ALT, OM442LA, 1x	531 0126 10	0
----------------	--------	--	--	------------------	-------------	---

Tourliner

N 2216 SHD	06.06-	D 2066 LOH 03; D 2066 LOH 04;		ALT	532 0412 10	0
------------	--------	-------------------------------	--	-----	-------------	---

Transliner

NISSAN

CABSTAR

28.11; 35.13; 45.13	10.06-	YD25ETI;		ALT, Mitsubishi, OE# 23100-EB31B, 150A	535 0177 10	0
---------------------	--------	----------	--	--	-------------	---

CABSTAR E

75.28	10.98-10.06	LD23;		←BM 75.28	530 0508 10	24
				←BM 75.28	530 0051 09	0
				←BM 75.28	531 0212 20	0
				←BM 75.28	532 0113 20	0

PLAXTON

PANTHER

PANTHER	01.06-	D 2066 LOH 02; D 2066 LOH 03;		ALT	532 0412 10	0
---------	--------	-------------------------------	--	-----	-------------	---

RENAULT TRUCKS

Kerax

260.18; 260.18/B; 270.18; 300.18/B; 300.26/A,300.26/B; 300.26/B; 320.18; 320.26; 340.18; 340.18/B; 340.26; 340.26/A,340.26/B; 340.26/B; 340.32/A; 350.34; 370.18; 370.26; 370.32; 385.18; 385.18/B; 385.18T; 385.26; 385.26/A,385.26/B; 385.26/A, 385.26/B,385.26/C; 385.26/B; 385.26T; 385.32/A,385.32/B; 385.32/A,385.32/B, 385.32/C; 385.32/B; 400.18; 400.18T; 400.26; 400.26/A,400.26/B,400.26/C; 400.26/B; 400.26T; 400.32/A,400.32/B, 400.32/C; 400.32/B; 420.18; 420.26; 420.32; 420.34	06.97-01.01	dCi 11-270; dCi 11C; dCi 11E; dCi 11G; MIDR 06.20.45 C/4; MIDR 06.20.45 D/41; MIDR 06.20.45 E/41; MIDR 06.23.56 A/3; MIDR 06.23.56 A/41; MIDR 06.23.56 B/41;		WP, 1x	531 0615 30	0
				ALT, OE# 5010 412 957, 1x	531 0614 30	0

Magnum

E.TECH 400.18; E.TECH 400.18T; E.TECH 400.24; E.TECH 400.26; E.TECH 440.18; E.TECH 440.18T; E.TECH 440.24; E.TECH 440.26; E.TECH 440.26T; E.TECH 480.18; E.TECH 480.18T; E.TECH 480.24; E.TECH 480.26; E.TECH 480.26T	05.00-	MACK E.TECH A/46; MACK E.TECH B/46; MACK E.TECH C/46;		WP, OE# 5010 553 993, 1x	531 0616 30	0
---	--------	---	--	--------------------------	-------------	---

Midlum

160.08; 160.10; 160.12; 190.08; 190.10; 190.12; 190.13; 190.14; 190.16; 220.08; 220.10; 220.12; 220.13; 220.14; 220.16; 240.12; 240.13; 240.14; 240.15; 240.16; 240.18; 280.12; 280.13; 280.14; 280.16; 280.18	05.06-	DXi 5; DXi 7;		WP	534 0349 10	0
				WP, OE# 7420759364	532 0592 10	0

Premium

Distribution 320.18; Distribution 320.18 D; Distribution 320.24D; Distribution 320.26D; Distribution 370.18; Distribution 370.18D; Distribution 370.24D; Distribution 370.26D; Distribution 420.18; Distribution 420.18D; Route 320.18; Route 370.18; Route 370.24; Route 370.26; Route 420.18; Route 420.18T; Route 420.24; Route 420.25; Route 420.26	08.00-	dCi 11 B/43; dCi 11C; dCi 11E; dCi 11G;		WP, 1x	531 0615 30	0
				ALT, OE# 5010 412 957, 1x	531 0614 30	0

Premium 2

Distribution 240.18 D; Distribution 280.18 D; Distribution 280.26;	10.05-	DXi 7;		WP	534 0349 10	0
--	--------	--------	--	----	-------------	---


RENAULT TRUCKS

Premium 2							
Distribution 320.18; Distribution 320.18 D; Distribution 320.26	10.05-	DXi 7;		WP, OE# 7420795604	532 0593 10	0	

SCANIA

4 - series							
114 G/380	03.98-	DC 11.02;		, 1x	532 0198 10	0	
124 C/360; 124 C/400; 124 G/360; 124 G/400; 124 L/360; 124 L/400; 124 L/420	05.96-	DC 12.01; DC 12.03; DSC 12.01; DSC 12.02; DSC 12.05;		, 1x	532 0198 10	0	
144 G/460; 144 G/530; 144 L/460; 144 L/530	11.95-	DSC 14.13; DSC 14.15;		WP, 1x	532 0198 10	0	
164 C/480; 164 C/580; 164 G/480; 164 G/580; 164 L/480; 164 L/580	05.00-	DC 16.01; DC 16.02;		ALT, WP, , 1x	532 0231 10	0	

P,G,R,T - series
SETRA

Series 400							
ComfortClass S 415 GT; ComfortClass S 415 GT, S 416 GT	10.03-	OM 457.941; OM 457.952; OM 457.965;		WP, 1x	534 0256 10	0	
				anetr. Agg.: 2.Generator, 2x A/C, 1x	532 0410 20	0	
ComfortClass S 415 GT, GT-HD	10.03-	OM 457.941; OM 457.944; OM 457.952; OM 457.953; OM 457.961; OM 457.965;		anetr. Agg.: 2.Generator, 2x A/C, 1x	532 0410 20	0	
				FAN, OM 457.944, →003455, 1x	532 0195 10	0	
				ALT, OM 457, SA522068 16/30, 1x	532 0581 10	0	
ComfortClass S 415 GT-HD, S 416 GT-HD; TopClass S 415 HD; TopClass S 415 HDH; TopClass S 416 HDH, TopClass S 417 HDH	10.01-	OM 457.944; OM 457.953; OM 457.961;		ALT, OM 457, SA522068 16/30, 1x	532 0581 10	0	
ComfortClass S 416 GT-HD, ComfortClass S 417 GT-HD	10.03-	OM 457.944; OM 457.953; OM 457.961;		WP, 1x	534 0256 10	0	
				FAN, →003455, 1x	532 0195 10	0	
				ALT, OM 457, SA522068 16/30, 1x	532 0581 10	0	
ComfortClass S 416 GT-HD, ComfortClass S 417 GT-HD	10.03-	OM 457.944; OM 457.953; OM 457.961;		WP, 1x	534 0256 10	0	
				FAN, →003455, 1x	532 0195 10	0	
				ALT, SA522068/16, 1x SA522068/30, 1x	532 0581 10	0	

SOLARIS
VACANZA

Vacanza 12; Vacanza 13	06.02-12.06	XE 250 C; XE 280 C; XE 315 C;		ALT	534 0158 10	0	
------------------------	-------------	-------------------------------	--	-----	--------------------	---	--

VOLVO
9700
9900
B 12
FE

FE 240-18; FE 240-22; FE 240-26; FE 260-18; FE 260-26; FE 280-18; FE 280-22; FE 280-26; FE 300-18; FE 300-26; FE 320-18; FE 320-22; FE 320-26; FE 340-18; FE 340-26	05.06-	D7E240; D7E280; D7E320; D7F240; D7F260; D7F300; D7F340;		WP	534 0349 10	0	
				WP, OE# 20795604	532 0593 10	0	

FH 12

FH 12/340; FH 12/380; FH 12/420; FH 12/460	08.93-	D12A340; D12A380; D12A420; D12C340; D12C380; D12C420; D12C460; D12D340; D12D380; D12D420; D12D460;		FAN, WP, OE# 3154 315, 1x	531 0619 30	0	
--	--------	--	--	---------------------------	--------------------	---	--

FH 16
FH
FL 12

FL 12/380; FL 12/420; FL 12H/380; FL 12H/420	09.95-09.98	D12A380; D12A420;		FAN, WP, OE# 3154 315, 1x	531 0619 30	0	
--	-------------	-------------------	--	---------------------------	--------------------	---	--

FL

FL 180-10; FL 180-11; FL 180-12; FL 180-13; FL 180-14; FL 180-15; FL 180-16; FL 180-17; FL 180-18; FL 180-7,5; FL 180-8; FL 180-9; FL 220-10; FL 220-11; FL 220-12; FL 220-13; FL 220-14; FL 220-15; FL 220-16; FL 220-17; FL 220-18; FL 220-7,5; FL 220-8; FL 220-9; FL 250-10; FL 250-11; FL 250-12; FL	03.00-	D6B;		WP	534 0349 10	0	
---	--------	------	--	----	--------------------	---	--



VOLVO



BM	2001... 2002... 2003...					
-----------	-------------------------------	--	--	--	--	--

VOLVO

FL							
250-13; FL 250-14; FL 250-15; FL 250-16; FL 250-17; FL 250-18; FL 250-7,5; FL 250-8; FL 250-9	03.00-	D6B;		WP, OE# 20759364	532 0592 10	0	
FM 10							
FM 12							
FM							
FM 7							
FM 9							
NH 12							

--	--	--	--	--	--	--	--



	BM			BM			BM	
--	-----------	--	--	-----------	--	--	-----------	--

530 0051 09	NISSAN	8
530 0508 10	NISSAN	8
531 0126 10	MERCEDES-BENZ	6, 7
531 0126 10	NEOPLAN	8
531 0212 20	NISSAN	8
531 0604 30	MERCEDES-BENZ	5, 6, 7
531 0605 30	MERCEDES-BENZ	6
531 0608 20	IVECO	3
531 0614 30	RENAULT TRUCKS	8
531 0615 30	RENAULT TRUCKS	8
531 0616 30	RENAULT TRUCKS	8
531 0619 30	VOLVO	9
531 0620 10	MAN	3
531 0680 10	MERCEDES-BENZ	4, 5
531 0718 10	MERCEDES-BENZ	6
531 0812 10	MULTICAR	7
532 0025 10	MERCEDES-BENZ	6
532 0032 10	MERCEDES-BENZ	6, 7
532 0113 20	NISSAN	8
532 0195 10	MERCEDES-BENZ	6, 7
532 0195 10	SETRA	9
532 0198 10	SCANIA	9
532 0231 10	SCANIA	9
532 0235 10	MERCEDES-BENZ	4, 5, 6, 7
532 0399 20	IVECO	3
532 0399 20	MULTICAR	7
532 0410 20	MERCEDES-BENZ	6, 7
532 0410 20	SETRA	9
532 0412 10	MAN	3
532 0412 10	NEOPLAN	8
532 0412 10	PLAXTON	8
532 0469 10	DAF	2
532 0581 10	SETRA	9
532 0592 10	RENAULT TRUCKS	8
532 0592 10	VOLVO	10
532 0593 10	RENAULT TRUCKS	9
532 0593 10	VOLVO	9
533 0038 10	MAN	3
533 0065 20	MERCEDES-BENZ	6
533 0066 20	MERCEDES-BENZ	6
533 0095 10	MERCEDES-BENZ	6
534 0157 10	BOVA	2
534 0157 10	DAF	2
534 0158 10	BOVA	2
534 0158 10	DAF	2, 3
534 0158 10	SOLARIS	9
534 0256 10	MERCEDES-BENZ	5, 7
534 0256 10	SETRA	9
534 0280 10	MULTICAR	7
534 0349 10	RENAULT TRUCKS	8
534 0349 10	VOLVO	9
535 0055 10	MERCEDES-BENZ	4, 5
535 0068 10	MERCEDES-BENZ	6, 7
535 0069 10	MERCEDES-BENZ	6, 7
535 0078 10	MERCEDES-BENZ	4, 5, 6
535 0103 10	MULTICAR	7
535 0177 10	NISSAN	8



BM			BM		
0...			9...		
000 200 10 70	MERCEDES-BENZ	534 0256 10	906 155 12 15	MERCEDES-BENZ	535 0068 10
000 200 15 70	MERCEDES-BENZ	534 0256 10	906 155 13 15	MERCEDES-BENZ	535 0078 10
000 550 00 33	MERCEDES-BENZ	532 0032 10	906 155 14 15	MERCEDES-BENZ	535 0069 10
000 550 04 33	MERCEDES-BENZ	532 0195 10	906 155 15 15	MERCEDES-BENZ	535 0055 10
000 550 06 33	MERCEDES-BENZ	532 0235 10	906 155 21 15	MERCEDES-BENZ	535 0078 10
000 550 13 33	MERCEDES-BENZ	532 0410 20	98429701	IVECO	532 0399 20
1...					
13070-05E00	NISSAN	531 0212 20			
13070-05E10	NISSAN	531 0212 20			
13074-05E00	NISSAN	532 0113 20			
13074-05E10	NISSAN	532 0113 20			
1353717	SCANIA	532 0198 10			
135 6457	DAF	532 0469 10			
1413609	SCANIA	532 0231 10			
1428940	SCANIA	532 0198 10			
1428941	SCANIA	532 0231 10			
144 9133	DAF	534 0157 10			
1514086	SCANIA	532 0198 10			
1514087	SCANIA	532 0231 10			
161 4978	DAF	534 0158 10			
162 8148	DAF	534 0158 10			
173 6724	DAF	534 0157 10			
2...					
20759364	VOLVO	532 0592 10			
20795604	VOLVO	532 0593 10			
20939284	VOLVO	534 0349 10			
23151-EB301	NISSAN	535 0177 10			
23151-EB30A	NISSAN	535 0177 10			
4...					
442 200 07 70	MERCEDES-BENZ	531 0126 10			
457 200 01 70	MERCEDES-BENZ	531 0605 30			
457 200 15 70	MERCEDES-BENZ	531 0605 30			
457 200 21 70	MERCEDES-BENZ	531 0605 30			
457 200 22 70	MERCEDES-BENZ	531 0604 30			
5...					
5003 50419	IVECO	531 0608 20			
51.95800-6020	MAN	531 0620 10			
51.95800-6035	MAN	531 0620 10			
51.95800-6096	MAN	532 0412 10			
5340617	SCANIA	532 0198 10			
541 200 14 70	MERCEDES-BENZ	531 0680 10			
6...					
601 200 03 14	MERCEDES-BENZ	533 0095 10			
601 200 05 14	MERCEDES-BENZ	533 0095 10			
601 200 07 70	MERCEDES-BENZ	532 0025 10			
601 200 09 70	MERCEDES-BENZ	531 0718 10			
601 200 17 73	MERCEDES-BENZ	533 0065 20			
601 981 00 27	MERCEDES-BENZ	533 0066 20			
603 200 01 14	MERCEDES-BENZ	533 0095 10			
603 200 03 14	MERCEDES-BENZ	533 0095 10			
604 200 01 14	MERCEDES-BENZ	533 0095 10			
604 200 03 14	MERCEDES-BENZ	533 0095 10			
8...					
8149798	VOLVO	531 0619 30			
88.97610-6002	MAN	533 0038 10			
9...					
906 155 02 15	MERCEDES-BENZ	535 0068 10			
906 155 03 15	MERCEDES-BENZ	535 0078 10			
906 155 07 15	MERCEDES-BENZ	535 0069 10			
906 155 08 15	MERCEDES-BENZ	535 0055 10			








Cross-Referenzen

DAYCO		DAYCO		DAYCO	
ALP2364	535 0103 10	APV2461	531 0613 20		
APV1042	532 0290 10	APV2462	534 0064 20		
APV1042	532 0577 10	APV2473	534 0158 10		
APV1043	532 0291 10	APV2521	532 0399 20		
APV1048	531 0481 10	APV2543	534 0157 10		
APV1049	531 0482 10	APV2624	532 0469 10		
APV1051	532 0292 10	APV2711	533 0095 10		
APV1052	531 0483 10	APV2821	531 0604 30		
APV1053	531 0484 10	ATB2094-S	531 0212 20		
APV1055	531 0509 20	ATB2096-S	532 0113 20		
APV1056	531 0510 20				
APV1057	531 0617 30				
APV1060	532 0299 20				
APV1062	534 0267 10				
APV1063	531 0606 20				
APV1067	531 0618 20				
APV1084	534 0267 10				
APV1085	532 0577 10				
APV1086F	532 0291 10				
APV 1092	532 0456 10				
APV1093	534 0086 20				
APV1094	534 0085 20				
APV 1096	534 0054 10				
APV1097	534 0087 20				
APV1098	534 0084 20				
APV1099	532 0416 10				
APV1100	534 0088 20				
APV1101	534 0089 20				
APV 1102	534 0093 10				
APV1103	531 0775 10				
APV1104	531 0581 10				
APV 1105	534 0055 10				
APV 1108	534 0056 10				
APV1109	534 0099 10				
APV 1110	534 0057 10				
APV 1111	532 0455 10				
APV 1112	532 0454 10				
APV1115	534 0090 20				
APV 1116	534 0061 10				
APV1117	534 0091 20				
APV1118	532 0417 10				
APV 1119	532 0452 10				
APV1120	534 0092 20				
APV 1121	532 0453 10				
APV1128	534 0275 10				
APV1134	534 0276 10				
APV1150	534 0280 10				
APV1151	534 0259 10				
APV2086	531 0718 10				
APV2112	532 0025 10				
APV2143	532 0198 10				
APV2235	533 0066 20				
APV2378	533 0065 20				
APV2383	534 0258 10				
APV2393	531 0615 30				
APV2394	531 0126 10				
APV2395	531 0614 30				
APV2406	531 0620 10				
APV2409	532 0235 10				
APV2410	532 0032 10				
APV2411	532 0195 10				
APV2412	533 0038 10				
APV2420	532 0231 10				
APV2446	531 0604 30				
APV2448	531 0609 20				
APV2450	531 0619 30				
APV2451	531 0605 30				
APV2452	532 0409 20				
APV2454	531 0616 30				
APV2455	532 0410 20				
APV2456	532 0408 20				
APV2457	531 0610 20				
APV2459	531 0603 20				
APV2460	531 0612 20				





GATES 	GATES 	GATES 
OAP7097 T36040 T36111 T36135 T36170 T36402 T36500 T38089 T38092 T38558 T38560 T38561 T38562 T38563 T38565 T38566 T38571 T38572 T38648 T41189 T42106	535 0103 10 532 0399 20 531 0620 10 532 0198 10 532 0231 10 531 0812 10 531 0126 10 531 0718 10 532 0025 10 531 0608 20 534 0086 20 531 0605 30 531 0614 30 531 0615 30 531 0619 30 531 0616 30 534 0157 10 534 0158 10 533 0038 10 531 0212 20 532 0113 20	





Cross-Referenzen

INA		INA		INA	
F-123247.1	531 0620 10				
F-123556.09	531 0680 10				
F-124047	531 0212 20				
F-124049	532 0113 20				
F-125023	531 0603 20				
F-125276	531 0610 20				
F-125277	531 0609 20				
F-125278	531 0612 20				
F-125280	531 0613 20				
F-125361.07	532 0412 10				
F-202560	531 0718 10				
F-203124.1	532 0025 10				
F-211833.1	531 0126 10				
F-218009	532 0032 10				
F-219949	531 0718 10				
F-220092	532 0025 10				
F-223357.06	532 0198 10				
F-223357.2	532 0198 10				
F-223357.3	532 0198 10				
F-223587	531 0126 10				
F-224229.100	533 0038 10				
F-225767	532 0032 10				
F-226448.1	532 0195 10				
F-229599.02	532 0231 10				
F-229599.1	532 0231 10				
F-230283	535 0078 10				
F-230283.03	535 0055 10				
F-230283.1	535 0055 10				
F-230283.2	535 0055 10				
F-232625	532 0198 10				
F-233834	535 0068 10				
F-233834.01	535 0069 10				
F-233834.02	535 0069 10				
F-233834.03	535 0069 10				
F-234841	532 0235 10				
F-234844	532 0231 10				
F-235283.1	532 0198 10				
F-238057	532 0290 10				
F-238057	532 0577 10				
F-238058	532 0291 10				
F-238064	531 0481 10				
F-238065	531 0482 10				
F-238067	532 0292 10				
F-238068	531 0483 10				
F-238069	531 0484 10				
F-238215.02	535 0078 10				
F-238215.03	535 0078 10				
F-238216	535 0068 10				
F-238216.01	535 0068 10				
F-239676	531 0509 20				
F-239677	531 0510 20				
F-239678	531 0617 30				
F-239682	532 0299 20				
F-239685	531 0618 20				
F-239786	531 0606 20				
F-240423	535 0055 10				
F-550532	535 0103 10				
F-550532.01	535 0103 10				
F-551359	535 0069 10				
F-552296	535 0068 10				
F-552386.01	535 0177 10				
F-552492	531 0605 30				
F-552493	531 0614 30				
F-552494	531 0615 30				
F-552495	531 0619 30				
F-552496	531 0616 30				
F-554723	531 0680 10				
F-562369	532 0399 20				
F-567440	532 0410 20				
F-569419.01	532 0581 10				
F-570989	532 0195 10				








Cross-Referenzen

SKF		SKF		SKF	
VKM 03203	535 0103 10				
VKM 06201	535 0177 10				
VKM 36001	532 0399 20				
VKM 38001	531 0718 10				
VKM 38012	532 0025 10				
VKM 39012	532 0025 10				
VKM 72320	531 0212 20				
VKM 82320	532 0113 20				
VKM CV 51001	531 0603 20				
VKM CV 51001	531 0603 20				
VKM CV 51003	531 0509 20				
VKM CV 51003	531 0509 20				
VKM CV 51004	534 0087 20				
VKM CV 51006	534 0093 10				
VKM CV 51007	531 0605 30				
VKM CV 51007	531 0605 30				
VKM CV 51008	531 0604 30				
VKM CV 51010	532 0416 10				
VKM CV 51011	534 0089 20				
VKM CV 51012	534 0055 10				
VKM CV 51013	534 0056 10				
VKM CV 51014	534 0057 10				
VKM CV 51015	534 0085 20				
VKM CV 51016	534 0084 20				
VKM CV 52001	531 0608 20				
VKM CV 52001	531 0608 20				
VKM CV 52002	531 0482 10				
VKM CV 52002	531 0482 10				
VKM CV 52003	531 0481 10				
VKM CV 52005	532 0299 20				
VKM CV 52005	532 0299 20				
VKM CV 52006	534 0267 10				
VKM CV 52007	532 0290 10				
VKM CV 52007	532 0577 10				
VKM CV 52008	532 0291 10				
VKM CV 52011	531 0606 20				
VKM CV 52013	534 0280 10				
VKM CV 53001	534 0259 10				
VKM CV 53002	531 0618 20				
VKM CV 53003	531 0619 30				
VKM CV 53006	534 0258 10				
VKM CV 53007	534 0090 20				
VKM CV 53008	532 0455 10				
VKM CV 53009	532 0454 10				
VKM CV 53011	534 0349 10				
VKM CV 53013	532 0592 10				
VKM CV 53016	532 0593 10				
VKM CV 54001	531 0616 30				
VKM CV 54001	531 0616 30				
VKM CV 54002	531 0614 30				
VKM CV 54002	531 0614 30				
VKM CV 54003	531 0615 30				
VKM CV 54003	531 0615 30				
VKM CV 55001	531 0612 20				
VKM CV 55002	531 0613 20				
VKM CV 56001	531 0617 30				
VKM CV 56002	532 0198 10				
VKM CV 56003	532 0231 10				
VKM CV 56004	531 0484 10				
VKM CV 56004	531 0484 10				
VKM CV 56005	531 0483 10				
VKM CV 56005	531 0483 10				
VKM CV 56006	532 0292 10				
VKM CV 56007	532 0453 10				
VKM CV 57001	534 0157 10				
VKM CV 57002	534 0158 10				



SNR 	SNR 	SNR 
GA340.01	532 0290 10	
GA340.01	532 0577 10	
GA340.02	532 0291 10	
GA340.04	531 0481 10	
GA351.00	531 0718 10	
GA351.05	532 0025 10	
GA351.07	532 0032 10	
GA351.13	533 0066 20	
GA35113	533 0066 20	
GA355.03	532 0399 20	
GE368.02	532 0113 20	
GT368.09	531 0212 20	



						
		●	●	●	●	●
		●	●			
		●	●	●	●	
		●	●	●	●	
		●	●	●	●	
		●	●			
		●	●	●	●	