



FERSA SOLUTIONS

SUMMARY





ABOUT US

FERSA BEARINGS IS A SPANISH MULTINATIONAL COMPANY DEDICATED TO THE DESIGN, DEVELOPMENT, MANUFACTURING AND DISTRIBUTION OF THE COMPLETE SOLUTIONS FOR HIGH PERFORMANCE BEARINGS

COMMERCIAL VEHICLE EXPERTS

The most complete range for major heavy vehicle applications.

As experts in bearings, we can offer specific bearing designs according to their final application: gearbox, differential and wheel ends.

We manufacture bearings for American, Asian and European vehicles.

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GEARBOX \Pág.16

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OEM Cruzamento de Refêrencias \ OEM Cruce de Referencias Références OEM croisées \
OEM-Quervergleiche \ Перевод на маркировку производителя \ Odnosiniki OEM \
مراجع متبادلة مُصنع المعدات الأصلية



FERSA SOLUTION

THE "FERSA SOLUTION" IS OUR FULL SERVICE APPROACH FOR BEARINGS FOR SPECIFIC APPLICATIONS SUCH AS WHEEL-ENDS, DIFFERENTIALS AND GEARBOXES FOR MOST COMMERCIAL VEHICLES

Fersa bearings are manufactured to OEM specifications; starting with the specifications of the raw material to the heat treatment processes, as well as optimized design features.



SPECIAL HEAT TREATMENT FOR BEARINGS

Optimized material composition for enhanced service life.

All Fersa bearings undergo a special type of Through Hardening heat treatment. The hardening process includes austenitization and quenching in a carbon neutral atmosphere. This provides an elevated tensile strength -throughout the part- after quenching, which is then tempered to increase the ductility and toughness.

Fersa's added value offer is...

Increased bearing service life and delaying the maintenance of the vehicle.





OPTIMIZED PROFILES FOR EVERY APPLICATION

OEMs and Tier1 manufacturers know that bearings are a vital element of the drivetrain system. It needs to perform flawlessly under the most critical working conditions. Fersa bearings are designed for heavy duty applications, thus have to withstand very demanding loads. All the bearings that Fersa manufactures, be it for: wheel hub units, wheel-ends, differentials, as well as transmissions, feature specific internal geometry, as complex profiling and low roughness.

Fersa's added value offer is...

Extending bearing wear-resistance.

REDUCED SPACER RANGE FOR PINION APPLICATIONS

Fersa bearings for pinion applications are manufactured according to the toughest OEM specifications, with tighter width tolerances in the back face.

Fersa's added value offer is...

Reducing the number of attempts for proper spacer selection during assembly and ensuring an optimum (lighter) pinion pre-load setting. The final process assembly time is reduced, cost savings are considerably increased.









Catalog Instructions



	Position Posición Posição Position Position Položen Позиция موضول	Fersa Reference Referencia Fersa Referència Fersa Réfèrence Fersa Fersa Ref. Referencyjny Fersa Номер от Fersa اس دي فم عجرم	OEM Reference Referencia OEM Referència OE OEM Réfèrence OEM Ref. Numer referencyjny OEM Номер от производителя نومبر ال سادعلا وعنصم عجرم
Brand Marca, Marca, Marque, Marke, Marka, Марка, ميراج سلا مقول علا	POSITION		
	Fersa		
	OEM		
Brand	VOLVO		
Model Modelo, Modelo, Modèle, Model, Model, Модель, موجول	DR80 <i>Ratio 3,76/1, 4,12/1, 4,55/1, 5,41/1, 1,09/1, 1,19/1</i>		
	Bevel pinion, front	HM 91	.633+184115
	Bevel pinion, pilot		Series / Ratio - Axle serie Serie / Ratio - Serie de Eje Série / Ratio - Eixo série Série / ratio - Série d'essieu Serie / Verhältniss - Achsserie Serie / Przełożenie - Seria osi Серия/Соотношение - Серия моста زوجلا سلاول عجم - فميسن / لسلس
	Bevel pinion, rear	H 91	183703
	Differential, left		184635
	Differential, right		181279 / 184637
	Reduction shaft, right		181279 / 184637
			183831 / 184639



	Axle Model Modelo de eje Modelo de Eixo Modèle d'essieu Achsmoell Model osi Модель моста زوجلا سلاول عجم	Axle Position Tipo de eje Tipo de eixo Position de l'essieu Achsposition Polozenie osi Позиция моста زوجلا سلاول عجم	Axle Information Información del Eje Informação de Eixo Informations de l'essieu Achsinformation Polozenie osi Информация о мосте زوجلا سلاول عجم	Bearing Position Posición del Rodamiento Posição do Rolamento Posición del Rodamiento Lagerposition Polozenie lożyska Позиция подшипника زوجلا سلاول عجم
Brand Marca, Marca, Marque, Marke, Marka, Марка, ميراج سلا مقول علا	   <i>N° chassis // Axle load // Wheel type</i>   			
	MERCEDES BENZ			
Model Modelo, Modelo, Modèle, Model, Model, Модель, موجول	ATEGO <i>814, 814 L, 815, 815 L, 817, 817 L</i>			
	FA			32306 F
	FA	SA 504	Construction Construcción, Construção, Construction, Konstruktion Budowa, Конструкция, لقيسلا	33208 F
	FA			33207 F
	FA			39590/39520
	HL 4/40 DC-7	RA		33017 F
				33208 F

N ° OEM

EN Search according to OEM Number:

- 1 In the OEM reference List table (page 58) look for the corresponding Fersa reference.
- 2 Find the Fersa reference in the catalog. Please be sure to verify the application referenced.

ES Método de búsqueda por N° OEM

- 1 Busque el número de referencia OEM en la tabla Listado de referencia OEM (pag. 58).
- 2 Busque la referencia Fersa en el catalogo y verifique la aplicación.

PT Método de busca da por N° OEM:

- 1 Busque o número de referência OEM na tabela Lista de referência OEM (pág. 58).
- 2 Busque a referência Fersa no catálogo, e verifique a aplicação.

FR Recherchez la pièce à l'aide du numéro OEM:

- 1 Dans le tableau de la liste des références OEM (page 58), recherchez la référence Fersa correspondante.
- 2 Trouvez la référence Fersa dans le catalogue. Assurez-vous de bien vérifier l'application référencée.

DE Suche anhand der OEM-Nummer:

- 1 Suchen Sie in der Liste der OEM-Ref.-Nr. (Seite 58) nach der entsprechenden Fersa-Ref.-Nr.
- 2 Suchen Sie die Fersa-Ref.-Nr. im Katalog. Bitte prüfen Sie die Anwendung anhand der Ref.-Nr.

PL Wyszukiwanie według numeru OEM:

- 1 Znajdź odpowiedni numer Fersa w tabeli zawierającej wykaz numerów referencyjnych OEM (strona 58).
- 2 Znajdź w katalogu numer referencyjny Fersa. Pamiętaj o sprawdzeniu odnośnego zastosowania.













RU Поиск по номеру производителя:

- 1 В таблице номеров производителей (стр. 58) найдите соответствующий номер Fersa.
- 2 Найдите номер Fersa в каталоге. Не забудьте проверить применение согласно номеру.

AR فۇل حىرال خادىمىل وىزىمە مۇۋاپىقلىق قىلىش













- 1 فى جىدول قانۇنە مەرجىم مۇسئەف المەعدىات الأصلية (الصفحة) اىنەت غىر مەرجىم قىيىمىدا المەنۇافۇز.
- 2 اىنەت غىر مەرجىم قىيىمىدا فى الكاتالوگ. بىجائە تەكىد مەن بىر نەقشۇ مەن التەطبىقۇ الوارىد فى المەرجىم.

Symbols & Nomenclatures

	EN	CZ	PT	FR
	Differential	Diferenciál	Diferencial	Differentiel
	Gearbox	Převodovka	Caixa de câmbio	Boîte de vitesses
	Wheel end	Držák na kolo	Roda	Roue
	Trailer	Přívěs	Reboque	Remorque
	Truck	Nákladní auto	Caminhão	Camion
	Bus	Autobus	Ônibus	Bus
	OEM cross references	Odkaz	OEM Referências cruzadas	Références OEM croisées
*	Availability to be advised	Dostupnost	Disponibilidade a confirmar	Disponibilité à notifier
	Axle position	Poloha nápravy	Posição do eixo	Position de l'essieu
	Information	Informace	Informação	Informations
	WHU (Wheel Hub Unit)	Jednotka náboje kola	WHU (Cubo de roda unitizado)	WHU (unité de roulement de roue)
	Inboard	Vnitřní ložisko	Interior	Embarqué
	Outboard	Vnější ložisko	Exterior	Débarqué

Z	Shield on one side	Ložisko krytované z jedné strany plechem	Protetor em uma face	Écran sur un côté
ZZ	Shield on both sides	Ložisko oboustranně krytované plechem	Protetor nas duas faces	Écrans sur les deux côtés
RS	Rubbing seal on one side	Ložisko krytované z jedné strany gumou	Protetor nas duas faces	Joint à frottement sur un côté
2RS	Rubbing seals on both sides	Ložisko oboustranně krytované gumou	Retentor nas duas faces	Joints à frottement sur les deux côtés
M	Machined brass cage	Mosazná klec	Gaiola de latão	Cage en laiton usinée
N	Snap ring groove in outer ring	Drážka na vnějším kroužku	Canal e trava no aro externo	Rainure pour segment d'arrêt sur la bague extérieure
NR	Snap ring groove and snap ring in outer ring	Drážka s pojistným kroužkem na vnějším kroužku	Canal com trava de segurança no aro exterior	Rainure pour segment d'arrêt et segment d'arrêt sur la bague extérieure
C3	Internal clearance greater than normal	Zvýšená radiální vůle, než obvyklá	Folga radial maior que o normal	Jeu interne supérieur à la normale

FA	Front axle	Přední náprava	Eixo traseiro	Essieux avant
LA	Leading axle	První náprava	Eixo motriz	Essieu poussé
RA	Rear axle	Zadní náprava	Eixo dianteiro	Essieu arrière
TA	Trailing axle	Vlečná náprava	Eixo de arraste	Essieu traîné
TRA	Trailer axle	Náprava přívěsu	Eixo de reboque	Essieu de remorque

	DE	PL	RU	AR
	Differential	Mechanizm różnicowy	Дифференциал	فرص تفاضلي
	Getriebe	Skrzynia biegów	Коробка передач	علبة التروس
	Rad	Koło	Колесо	عجلة
	Anhänger	Przyczepa	Прицеп	مقطورة
	LKW	Ciężarówka	Грузовик	شاحنة
	Bus	Autobus	Автобус	حافلة
	OEM-Quervergleiche	Odnosiniki OEM	Перевод на маркировку производителя	مراجع متبادلة لمُصنِع المعدات الأصلية
*	Verfügbarkeit muss bestätigt werden	Informacje dotyczące dostępności podać producent	Наличие уточняется	الإتاحة للاستشارة
	Achsisposition	Położenie osi	Позиция моста	موضع المحور
	Information	Informacje	Информация	المعلومات
	WHU (Radnabeneinheit)	WHU (zestaw piast koła)	Ступица	WHU (وحد محور العجلة)
	Innen	Wewnętrzny	Внутри	داخلي
	Außen	Zewnętrzny	Снаружи	خارجي

Z	Deckel auf einer Seite	Osłona z jednej strony	Защитная шайба с одной стороны	درع في جانب واحد
ZZ	Deckel auf beiden Seiten	Osłony po obu stronach	Защитные шайбы с обеих сторон	درع على كلا الجانبين
RS	Schleifende Dichtung auf einer Seite	Uszczelnienie cierne po jednej stronie	Резиновое уплотнение с одной стороны	مقاع تسريب احتكاك على جانب واحد
2RS	Schleifende Dichtungen auf beidem Seiten	Uszczelnienia cierne po obu stronach	Резиновое уплотнение с обеих сторон	مقاع تسريب احتكاك على كلا الجانبين
M	Messingkäfig	Rowek na pierścieniu zewnętrznym	Механически обработанный латунный сепаратор	قفص نحاس آلي
N	Sprengringnut im Außenring	Rowek smarowy na pierścieniu zewnętrznym	Канавка под стопорное кольцо на наружном кольце	مخاداة تجويف حلقة الإطباق في الحلقة الخارجية
NR	Sprengringnut und Sprengring im Außenring	Rowek i zabezpieczający pierścień sprężynujący na pierścieniu zewnętrznym	Канавка со стопорным кольцом на наружном кольце	مخاداة حلقة الإطباق وحلقة الإطباق في الحلقة الخارجية
C3	Radialspiel größer als normal	Luz wewnętrzny większy niż normalny	Внутренний зазор, превышающий стандартный	الخلوص الداخلي أكبر من المعدل الطبيعي

FA	Vorderachse	Oś przednia	Передний мост	المحور الأمامي
LA	Vorlaufachse	Oś prowadząca	Ведущий мост	محور القيادة الأمامي
RA	Hinterachse	Oś tylna	Задний мост	المحور الخلفي
TA	Hinterachse	Oś tylna	Поддерживающий мост	محور المسحب الخلفي
TRA	Anhängerschaft	Oś przyczepy	Мост прицепа	محور المقطورة

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DIFFERENTIAL

DAF	Pág\
1346	12
1347	12
IVECO - ROCKWELL	
U177	12
U180	12
MAN	
HDY 1175	12
HY 1175	12
HY 1350	13
MERCEDES-BENZ	
HL 2/7-7,7	13
HL 4/1-7,6	13
HL 6/1	13
HL 6/3	13
SCANIA	
R 660	13
R 780	13
RBP 835	14
VOLVO	
EV82	14
EV91	14
RS1228B	14
RS1356 SV	14
RSS1344B	14
RTS2370A Rear	15
RTS2370A Intermediate	15
RTS2370B Rear	15
RTS2370B Intermediate	15



1 \ Differential

POSITION	Fersa	OEM
DAF		
1346		
Bevel pinion front	*	538466
Bevel pinion pilot	F 19081	390238
Bevel pinion rear	*	538466
Differential right	F 15200	658448
Differential left	F 15200	658448
1347		
Bevel pinion front	31313 F	384810
Bevel pinion pilot	F 19081	390238
Bevel pinion rear	*	538466
Differential right	33021 F . 0266488	266488
Differential left	F 15200	658448
IVECO - ROCKWELL		
U177		
Bevel pinion front	*	42532888
Bevel pinion	*	42532888
Bevel pinion pilot	F 19063	1905316
Differential right	32021 XF	8190538
Differential left	32021 XF	8190538
U180		
Bevel pinion front	H 715334/H 715311	8194958
Bevel pinion rear	9278/9220	8194957
Bevel pinion pilot	F 19063	1905316
Differential right	JHM 720249/JHM 720210	8194959
Differential left	64450/64700	8194960
MAN		
HDY 1175		
Bevel pinion front	31312 F	06 32499 0087
Bevel pinion rear	*	06 32489 0069
Bevel pinion pilot	F 19089	06 32609 0065
Differential right	32021 XF	06 32489 0070
Differential left	F 15239	06 32499 0188
Input shaft front	30312 F	06 32489 0113
Output shaft front	30214 F	06 32489 0018
Output shaft rear	6211 C3	06 31420 0302
Outboard	F 15239	06 32499 0188
Inboard	33019 F	06 32499 0123
HY 1175		
Bevel pinion front	31312 F	06 32499 0087
Bevel pinion rear	*	06 32489 0069
Bevel pinion pilot	F 19089	06 32609 0065
Differential right	F 15239	06 32499 0188
Differential left	32021 XF	06 32489 0070
Inboard	F 15239	06 32499 0188
Outboard	33019 F	06 32499 0123

POSITION	Fersa	OEM
MAN		
HY 1350		<i>Ring Gear ø 425 mm</i>
Bevel pinion front	31312 F	06 32499 0087
Bevel pinion rear	*	06 32489 0069
Bevel pinion pilot	F 19089	06 32609 0065
Differential right	F 15239	06 32499 0188
Differential left	32021 XF	06 32489 0070
HY 1350		<i>Ring Gear ø 465 mm</i>
Bevel pinion front	31313 F	06 32499 0088
Bevel pinion rear	F 15257	06 32499 0192
Bevel pinion pilot	F 19081	06 32589 0069
Differential right	32024 XF	06 32480 1800
Differential left	32024 XF	06 32480 1800
MERCEDES BENZ		
HL 2/7-7,7		
Bevel pinion front	F 15280	002 981 8805
Bevel pinion rear	F 15280	002 981 8805
Bevel pinion pilot	*	003 981 2901
Differential right	F 15258	008 981 9405
Differential left	F 15258	008 981 9405
Inboard	580/572	004 981 4605
Outboard	*	000 981 4605
HL 4/1-7,6		
Bevel pinion front	HM 911244/HM 911216	002 981 1105
Bevel pinion rear	F 15158	007 981 8905
Bevel pinion pilot	F 19043	002 981 9501
Differential right	47487/47420	002 981 2605
Differential left	47487/47420	002 981 2605
HL 6/1		
Bevel pinion front	F 15253	014 981 2005
Bevel pinion rear	F 15254	014 981 4905
Differential right	32024 XF	014 981 5405
Differential left	32020 XF	017 981 7905
HL 6/3		
Bevel pinion front	F 15253	014 981 2005
Bevel pinion rear	F 15254	014 981 4905
Differential right	32024 XF	014 981 5405
Differential left	32020 XF	017 981 7905
SCANIA		
R 660		
Bevel pinion front	31312 F	174716
Bevel pinion rear	F 15184	1489006
Bevel pinion pilot	F 19076	1746781
Differential right	33017 F	1364631
Differential left	JM 720249/JM 720210	1105776
R 780		
Bevel pinion front	H 913842/H 913810	264700
Bevel pinion rear	F 15048	315465
Bevel pinion pilot	F 19001	1768383
Differential right	33018 F	1309570
Differential left	JHM 522649/JHM 522610	1728135

1 \ Differential

POSITION	Fersa	OEM
SCANIA		
RBP 835		
Bevel pinion front	*	1408178
Bevel pinion	JW 6049 / JW 6010	1408193
Bevel pinion rear	*	1408159
Differential right	32016 XF	1301682
Differential left	JHM 516849 / JHM 516810	1408149
Input shaft front	32312 F	1301675
Input shaft rear	33207 F	1408172
Output shaft front	32019 XF	1408175
Output shaft rear	QJ 211 FM / C3	1360882
VOLVO		
EV82		
Bevel pinion front	HM 911245 / HM 911210	184633 / 184115
Bevel pinion pilot	*	1524331
Bevel pinion rear	H 913842 / H 913810	184634
Bevel pinion rear	H 913842 / H 913810	184634
Differential left	594 / 592 A	181298 / 181128
Differential right	594 / 592 A	181298 / 181128
Input shaft front	6312	11030
Output shaft front	497 / 493	181048 / 19276
Intermediate gear front	25590 / 25520	181133 / 183133
Intermediate gear rear	25590 / 25520	181133 / 183133
Output shaft front	6310	11028
EV91		
Bevel pinion front	JW 7049 / JW 7010	184671
Bevel pinion pilot	F 19080	1523243
Bevel pinion rear	F 15071	1523666
Differential left	687 / 672	181596 / 181279
Differential right	687 / 672	181596 / 181279
RS1228B		
Bevel pinion front / rear	F 15321	20366532
Bevel pinion pilot	F 19063	20366533
Differential right	32021 XF	20582548
Differential left	F 15279	20582549
RS1356 SV		
Bevel pinion front	JW 7049 / JW 7010	184671
Bevel pinion rear	F 15071	1523666
Bevel pinion pilot	F 19080	1523243
Differential left	687 / 672	181596 / 181279
Differential right	687 / 672	181596 / 181279
RSS1344B		
Bevel pinion front	*	81241461
Bevel pinion rear	*	81241402
Bevel pinion pilot	F 19063	81241405
Differential right	64450 / 64700	81241411
Differential left	33021 F	3152068

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GEARBOX

MERCEDES-BENZ	Påg\
G60-6 <i>Welded Cones</i>	18
G60-6 <i>Weldless Cones</i>	18
G85-6 <i>Weldless Cones</i>	18
G210-16/14,2-0,83	18
G211-16/17,3-1,00	19
G240-16/11,7-0,69	19
G241-16/17,03-1,00	20
G281-12/14,93-1,00	20
SCANIA	
GR5 895	21
GR5 905	21
VOLVO	
AT2412C	21
AT2512C	21
AT2812C	22
AT2812D	22
VT 2514 B	23
ZF	
95-75	23
95-109	23
165-109 R.11,26-1,00 + R.11,86-0,85 + R.13,30- 1,00 + R.13,31-1,00 + R.13,41-1,00 + R.13,42- 1,00 + R.13,53-0,82	24
165-151 R.13,74-0,84 + R.16,41-1,00	24
165-151 R.13,80-0,84 + R.13,86-0,84 + R.16,47- 1,00	24
165-151 R.13,85-0,84 + R.16,53-1,00	25
165-181 R.13,80-0,84 + R.16,41-1,00	26
165-1650	26
55-420	26



2 \ Gearbox

POSITION	Fersa	OEM
MERCEDES-BENZ		
G60-6 <i>Welded Cones</i>		
Input shaft front	F 18042	009 981 5825
Main shaft front	F 19090	976 981 0012
Main shaft	*	018 981 9710
Main shaft	F 17077 K	017 981 5610
Main shaft	F 17080 K	018 981 5810
Main shaft	F 17080 K	018 981 5810
Main shaft	F 17076 K	018 981 5310
Main shaft (Up to Gearbox 042297)	*	018 981 5610
Main shaft (From gearbox 042298)	F 17089 K	023 981 2910
Main shaft rear	F 18042	009 981 5825
Counter shaft front	6309 2RS	009 981 5725
Counter shaft rear	F 19069	010 981 4901
Reverse shaft	F 17078 K	018 981 5710
G60-6 <i>Welded Cones</i>		
Input shaft front	F 18042	009 981 5825
Main shaft front	F 19090	976 981 0012
Main shaft	*	018 981 9710
Main shaft	F 17077 K	017 981 5610
Main shaft	F 17080 K	018 981 5810
Main shaft	F 17089 K	023 981 2910
Main shaft rear	F 18042	009 981 5825
Counter shaft front	6309 2RS	009 981 5725
Counter shaft rear	F 19069	010 981 4901
Reverse shaft	F 17078 K	018 981 5710
G85-6 <i>Weldless Cones</i>		
Input shaft front	F 18042	009 981 5825
Main shaft front	F 19090	976 981 0012
Main shaft	F 17079 K	018 981 3610
Main shaft	F 17077 K	017 981 5610
Main shaft	F 17080 K	018 981 5810
Main shaft	F 17076 K	018 981 5310
Main shaft	F 17089 K	023 981 2910
Main shaft rear	F 18042	009 981 5825
Counter shaft front	6309 2RS	009 981 5725
Counter shaft rear	F 19069	010 981 4901
Reverse shaft	F 17078 K	018 981 5710
G210-16/14,2-0,83		
Input shaft front	F 15190	011 981 1305
Input shaft	F 17034 K	016 981 0010
Main shaft front	CONE 4367 X	015 981 1605
Main shaft intermediate	HM 204043/HM 204010	008 981 2805
Main shaft intermediate (Old Type)	33210 F	011 981 7605
Main shaft intermediate (New Type. Up to gearbox 438701. With Gear 4th Speed 389 260 8908)	*	015 981 7605/002 981 1680
Main shaft intermediate (New Type. Up to gearbox 438701. With Gear 4th Speed 389 262 8610)	*	011 981 6005

POSITION	Fersa	OEM
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MERCEDES-BENZ

G210-16/14,2-0,83

Main shaft intermediate (New Type, From gearbox 438702. With Gear 4th Speed 945 262 0510.)	CONE F 15244	015 981 7605
Main shaft intermediate (Old Type)	32011 XF	011 981 7705
Main shaft intermediate (New type)	32011 XF	014 981 1605
Main shaft	F 17035 K	018 981 6610
Main shaft	F 17032 K	009 981 1510
Main shaft (Old Type)	F 17031 K	008 981 8310
Main shaft (New type)	F 17097 K	018 981 8110
Main shaft rear	F 15192	014 981 6105
Counter shaft front	529/520 X1	014 981 1405
Counter shaft rear	F 15245	016 981 1205
Reverse shaft	F 17033 K	012 981 8910
Output shaft front	16017/90 C3	008 981 1325
Oil pump (With Oil pump shaft 389 269 1210)	6009 C3	004 981 9225
Oil pump (With Oil pump shafts 947 269 1010 & 947 269 1110)	6003	008 981 5425
Output shaft rear	6217/80 C3	008 981 3025
Output shaft rear (For Model with TELMA Retarder)	*	007 981 8201

G211-16/17,3-1,00

Input shaft front	F 15190	011 981 1305
Input shaft	F 17096 K	018 981 6410
Main shaft front	CONE F 15249	014 981 1905
Main shaft intermediate	CONE F 15244	015 981 7605
Main shaft	F 17035 K	018 981 6610
Main shaft	F 17032 K	009 981 1510
Main shaft intermediate	32011 XF	014 981 1605
Main shaft (Old Type)	F 17031 K	008 981 8310
Main shaft (New type)	F 17097 K	018 981 8110
Main shaft rear	F 15192	014 981 6105
Counter shaft front	529/520 X1	014 981 1405
Counter shaft rear	F 15245	016 981 1205
Reverse shaft	F 17033 K	012 981 8910
Output shaft front	16017/90 C3	008 981 1325
Output shaft rear	6217/80 C3	008 981 3025
Output shaft rear (For Model with TELMA Retarder)	*	007 981 8201
Oil pump (With oil pump shaft 389 269 1210)	6009 C3	004 981 9225
Oil pump (With oil pump shaft 947 269 1010 & 947 269 1110)	6003	008 981 5425

G240-16/11,7-0,69

Input shaft front	F 15190	011 981 1305
Input shaft	F 17034 K	016 981 0010
Main shaft front	CONE 4367 X	015 981 1605
Main shaft intermediate	CONE F 15113	017 981 5105
Main shaft intermediate	CONE F 15111	015 981 6205
Main shaft	F 17035 K	018 981 6610
Main shaft (Old tipe with main shaft 945 262 3605)	F 17031 K	008 981 8310

2 \ Gearbox

POSITION	Fersa	OEM
MERCEDES-BENZ		
G240-16/11,7-0,69		
Main shaft (New type with main shaft 945 262 4505)	F 17097 K	018 981 8110
Main shaft	F 17032 K	009 981 1510
Main shaft rear	F 15192	014 981 6105
Counter shaft front	529/520 X1	014 981 1405
Counter shaft rear	F 15245	016 981 1205
Reverse shaft	F 17033 K	012 981 8910
Output shaft front	16017/90 C3	008 981 1325
Oil pump (With Oil pump shaft 389 269 1210)	6009 C3	004 981 9225
Oil pump (With Oil pump shafts 947 269 1010 & 947 269 1110)	6003	008 981 5425
Output shaft rear (Old type (OT Planet carrier uses old bearing type))	6217 C3	004 981 9325
Output shaft rear (New type)	6217/80 C3	008 981 3025
Output shaft rear (For Model with TELMA Retarder)	*	007 981 8201
G241-16/17,03-1,00		
Input shaft front	F 15190	011 981 1305
Input shaft	F 17096 K	018 981 6410
Main shaft front	CONE F 15249	014 981 1905
Main shaft intermediate	CONE F 15113	017 981 5105
Main shaft intermediate	CONE F 15111	015 981 6205
Main shaft	F 17035 K	018 981 6610
Main shaft	F 17035 K	018 981 6610
Main shaft	F 17097 K	018 981 8110
Main shaft	F 17032 K	009 981 1510
Main shaft rear	F 15192	014 981 6105
Counter shaft front	529/520 X1	014 981 1405
Counter shaft rear	F 15245	016 981 1205
Reverse shaft	F 17033 K	012 981 8910
Output shaft front	16017/90 C3	008 981 1325
Oil pump (With Oil pump shaft 389 269 1210)	6009 C3	004 981 9225
Oil pump (With Oil pump shafts 947 269 1010 & 947 269 1110)	6003	008 981 5425
Output shaft rear	6217/80 C3	008 981 3025
Output shaft rear (For Model with TELMA Retarder)	*	007 981 8201
G281-12/14,93-1,00		
Input shaft front	F 15190	011 981 1305
Input shaft	*	022 981 5310
Main shaft front	CONE F 15249	014 981 1905
Main shaft intermediate	CONE F 15113	017 981 5105
Main shaft intermediate	CONE F 15269	017 981 7105
Main shaft	*	022 981 5810
Main shaft	*	022 981 5910
Main shaft	*	022 981 5610
Main shaft rear	F 15298	018 981 6805
Counter shaft front	529/520 X1	015 981 9005
Reverse shaft	F 17033 K	012 981 8910
Counter shaft rear	F 15245	017 981 2605
Output shaft front	16017/90 C3	008 981 1325
Oil pump	6003	008 981 5425
Output shaft rear	6217/80 C3	008 981 3025

POSITION	Fersa	OEM
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SCANIA

GRS 895		
Input shaft	F 15119	1327878
Input shaft	*	372778
Main shaft front	CONE JF 4049	1883975
Main shaft intermediate	JD 6549/JD 6510	1548056
Main shaft	*	1774165
Main shaft	*	1476286
Main shaft rear	F 15119	1327878
Counter shaft front	JF 5049/JF 5010	1534829
Counter shaft rear	30312 F	1357711
Reverse shaft	*	378615
Output shaft front	6312 C3	1783324
Planet carrier	*	389434

GRS 905		
Input shaft	F 15119	1327878
Main shaft front	CONE JF 4049	1883975
Main shaft intermediate	JD 6549/JD 6510	1548056
Main shaft	*	1774165
Main shaft	*	1476286
Main shaft rear	F 15119	1327878
Counter shaft front	JF 5049/JF 5010	1534829
Counter shaft rear	30312 F	1357711
Reverse shaft	*	378615
Output shaft front	6312 C3	1783324
Planet carrier	*	389434

VOLVO

AT2412C		
Input shaft front	F 15345	21626063
Input shaft	F 17094 K	1654088
Main shaft front	CONE F 15150 A	1656116
Main shaft intermediate	CONE 33113 F	1521596
Main shaft intermediate	CONE 33113 F	1521596
Main shaft	F 17095 K	1652575
Main shaft	F 17091 K	1521452
Main shaft	F 17095 K	1652575
Main shaft rear	F 15326	21626057
Counter shaft front	F 15347	21626061
Counter shaft rear	F 15346	22283632
Output shaft rear (Old Type w/out Retarder)	F 18053	1652604
Output shaft rear (Old Type with Retarder)	F 18053	21001091
Output shaft rear (New Type w/out Retarder)	F 18059	20785448
Output shaft rear (New Type with Retarder)	*	21005761
Reverse shaft	F 17105 K	20483574
Réversé shaft	F 17105 K	20483574

AT2512C		
Input shaft front	F 15326	21626057
Input shaft	F 17094 K	1654088
Main shaft front	CONE F 15150 A	1656116
Main shaft intermediate	CONE 33113 F	1521596
Main shaft intermediate	CONE 33113 F	1521596

2 \ Gearbox

POSITION	Fersa	OEM
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VOLVO

AT2512C

Main shaft	F 17095 K	1652575
Main shaft	F 17091 K	1521452
Main shaft	F 17095 K	1652575
Main shaft rear	F 15326	21626057
Counter shaft front	F 15348	21627792
Counter shaft rear	F 15346	22283632
Output shaft rear (Old Type w/out Retarder)	F 18053	1652604
Output shaft rear (Old Type with Retarder)	F 18053	21001091
Output shaft rear (New Type w/out Retarder)	*	20785448
Output shaft rear (New Type with Retarder)	*	21005761
Reverse shaft	F 17105 K	20483574
Reverse shaft	F 17105 K	20483574

AT2812C

Input shaft front	F 15326	21626057
Input shaft	F 17094 K	1654088
Main shaft front	CONE F 15150 A	1656116
Main shaft intermediate	CONE 33113 F	1521596
Main shaft intermediate	CONE 33113 F	1521596
Main shaft	F 17095 K	1652575
Main shaft	F 17091 K	1521452
Main shaft	F 17095 K	1652575
Main shaft rear	F 15326	21626057
Counter shaft front	F 15348	21627792
Counter shaft rear	F 15346	22283632
Output shaft rear (Old Type w/out Retarder)	F 18053	1652604
Output shaft rear (Old Type with Retarder)	F 18053	21001091
Output shaft rear (New Type w/out Retarder)	*	20785448
Output shaft rear (New Type with Retarder)	*	21005761
Reverse shaft	F 17105 K	20483574
Reverse shaft	F 17105 K	20483574

AT2812D

Input shaft front	F 15326	21626057
Input shaft	F 17094 K	1654088
Main shaft front	CONE F 15150 A	1656116
Main shaft intermediate	CONE 33113 F	1521596
Main shaft intermediate	CONE 33113 F	1521596
Main shaft	F 17095 K	1652575
Main shaft	F 17091 K	1521452
Main shaft	F 17095 K	1652575
Main shaft rear	F 15326	21626057
Counter shaft front	F 15348	21627792
Counter shaft rear	F 15346	22283632

POSITION	Fersa	OEM
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VOLVO

AT2812D

Output shaft rear (W/out Retarder)	*	20785448
Output shaft rear (With Retarder)	*	21005761
Reverse shaft	F 17105 K	20483574
Reverse shaft	F 17105 K	20483574

VT 2514 B

Counter shaft front	33212 F	1652563
Counter shaft rear	33212 F	1652563
Input shaft front	F 15116	1656129
Main shaft front	CONE F 15150 A	1656116
Main shaft rear	F 15116	1656129
Output shaft rear	F 18053	1652604
Input shaft	F 17094 K	1654088
Main shaft intermediate	CONE 33113 F	1521596
Main shaft	F 17092 K	1521453
Main shaft	F 17091 K	1521452
Main shaft	F 17095 K	1652575
Main shaft	F 17095 K	1652575
Reverse shaft	F 17093 K	1652581
Reverse shaft	*	183363

ZF

9S-75

Input shaft front	45285 A/45221	0750 117 312
Main shaft front	2580/2520	1307 203 019
Main shaft	F 17059 K	0735 321 494
Main shaft	F 17059 K	0735 321 494
Main shaft	F 17058 K	0735 321 012
Main shaft	F 17057 K	0750 115 427
Main shaft	F 17056 K	0750 115 533
Main shaft rear	33885/33822	1246 203 008
Counter shaft front	3386/3325	0735 370 742
Counter shaft rear	2789/2729	0750 117 198
Reverse shaft	*	0735 358 192
Output shaft front	*	0635 338 090
Output shaft rear	6213 C3	0735 330 597

9S-109

Input shaft front	33262 A/33461	0750 117 079
Main shaft front	CONE F 15110	0735 371 748
Main shaft	*	0735 321 011
Main shaft	F 17064 K	0750 115 227
Main shaft	F 17063 K	0735 320 816
Main shaft	F 17062 K	0735 320 500
Main shaft	F 17061 K	0750 115 225
Main shaft rear (New type)	F 15212	0735 371 605
Main shaft rear (Old Type)	F 15212	0750 117 081
Counter shaft front	33208 F	0735 371 749
Counter shaft rear	33889/33822	0750 117 083
Reverse shaft	*	0735 358 192
Output shaft front	*	0735 340 080
Output shaft front (Alternative version having a different planetary group synchronization)	F 18052	0750 116 165
Output shaft rear	*	0750 116 048

2\ Gearbox

POSITION	Fersa	OEM
ZF		
9S-109		
Counter shaft front	2580/2520	1307 203 019
Counter shaft rear	2580/2520	1307 203 019
Main shaft front	CONE F 15084	0735 371 372
Main shaft rear	F 15278	1307 204 275
Input shaft front	28580/28521	1307 202 116
16S-109 <i>R.11,26-1,00 + R.11,86-0,85 + R.13,30-1,00 + R.13,31-1,00 + R.13,41-1,00 + R.13,42-1,00 + R.13,53-0,82</i>		
Input shaft front	33262 A/33461	0750 117 079
Input shaft	F 17063 K	0735 320 816
Main shaft front	CONE F 15213	0735 371 406
Main shaft intermediate	*	0750 115 299
Main shaft	F 17063 K	0735 320 816
Main shaft	F 17063 K	0735 320 816
Main shaft	*	0750 115 224
Main shaft	F 17061 K	0750 115 225
Main shaft rear (New type)	F 15212	0735 371 605
Main shaft rear (Old Type)	F 15212	0750 117 081
Output shaft front	*	0735 330 804
Output shaft front	*	0735 340 080
Output shaft front (Alternative version having a different planetary group synchronization . .)	F 18052	0750 116 165
Output shaft rear	6216 C3	0750 116 404
Output shaft rear	*	0750 116 048
Output shaft rear (Alternative version having a different planetary group synchronization . .)	*	0750 116 197
Counter shaft front	33208 F	0735 371 749
Counter shaft rear	33889/33822	0750 118 511
Reverse shaft	*	0735 358 192
16S-151 <i>R.13,74-0,84 + R.16,41-1,00</i>		
Input shaft front	30217 F	0750 117 732
Main shaft front	CONE 4395	0750 117 232
Main shaft intermediate	F 19087	0750 115 534
Main shaft	F 17038 K	0735 321 087
Main shaft	F 17039 K	0750 115 325
Main shaft	F 17040 K	0750 115 324
Main shaft rear	F 15246	0750 117 677
Output shaft front	*	0735 298 169
Output shaft rear	6218 C3	0750 116 002
Counter shaft front	5395/5335	0750 117 009
Counter shaft rear	4580/4535	0750 117 011
Reverse shaft	F 17041 K	0750 115 366
16S-151 <i>R.13,80-0,84 + R.13,86-0,84 + R.16,47-1,00</i>		
Input shaft front	30217 F	0750 117 732
Input shaft front (Only for input shaft 1315 202 022 / 1315 202 012 / 1316 202 005 - Old versions with Needle B)	*	0750 117 431
Input shaft (Only for input shaft 1315 202 022)	*	0735 321 437
Input shaft (Only for Input S. 1315 202 012 - Old version with Needle B.)	*	0750 115 310

POSITION	Fersa	OEM
ZF		
16S-151		<i>R. 13,80-0,84 + R. 13,86-0,84 + R. 16,47-1,00</i>
Input shaft intermediate (Only for input shaft 1316 221 017 / 1316 221 018 / 1315 221 002)	*	0635 450 098
Main shaft front	CONE 4395	0750 117 232
Main shaft intermediate (Do not use for Old version with Needle Bearings)	F 19087	0750 115 534
Main shaft	F 17038 K	0735 321 087
Main shaft	F 17038 K	0735 321 087
Main shaft	F 17039 K	0750 115 325
Main shaft	F 17040 K	0750 115 324
Main shaft rear	F 15246	0750 117 677
Output shaft front	F 18052	0750 116 165
Output shaft front	*	0735 298 169
Output shaft rear	6218 C3	0750 116 002
Counter shaft front (For models having front cover with oil pump)	F 15047	0750 117 010
Counter shaft front (For models having front cover without oil pump)	5395/5335	0750 117 009
Counter shaft rear	4580/4535	0750 117 011
Reverse shaft	F 17041 K	0750 115 366
(Only for input shaft 1315 221 002)	*	0635 450 098
Selector mechanism	*	0635 303 053

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16S-151		<i>R. 13,85-0,84 + R. 16,53-1,00</i>
Input shaft front	30217 F	0750 117 732
Input shaft front (Only for input shaft 1315 202 022 / 1315 202 012 / 1316 202 005 - Old versions with Needle B)	*	0750 117 431
Input shaft (Only for input shaft 1315 202 022)	*	0735 321 437
Input shaft (Only for Input S. 1315 202 012 - Old version with Needle B.)	*	0750 115 310
Input shaft intermediate (Only for input shaft 1316 221 017 / 1316 221 018 / 1315 221 002)	*	0635 450 098
Main shaft front	CONE 4395	0750 117 232
Main shaft intermediate	F 19061	0750 118 198
Main shaft	F 17038 K	0735 321 087
Main shaft	F 17038 K	0735 321 087
Main shaft	F 17039 K	0750 115 325
Main shaft	F 17040 K	0750 115 324
Main shaft rear	F 15246	0750 117 677
Output shaft front	F 18052	0750 116 165
Output shaft front	*	0735 298 169
Output shaft rear	6218 C3	0750 116 002
Counter shaft front (For models having front cover with oil pump)	F 15047	0750 117 010
Counter shaft front (For models having front cover without oil pump)	5395/5335	0750 117 009
Counter shaft rear	4580/4535	0750 117 011
Reverse shaft	F 17041 K	0750 115 366


2\ Gearbox


POSITION	Fersa	OEM
ZF		
16S-181		<i>R. 13,80-0,84 + R. 16,41-1,00</i>
Input shaft front	3021 F	0750 117 732
Main shaft front	CONE 4395	0750 117 232
Main shaft intermediate	F 19087	0750 115 531
Main shaft	*	0750 115 303
Main shaft	*	0750 115 327
Main shaft	*	0750 115 326
Main shaft rear	F 15191	0750 117 678
Output shaft front	*	0735 298 169
Output shaft rear	6218 C3	0750 116 002
Counter shaft front	5395/5335	0750 117 009
Counter shaft rear	5395/5335	0750 117 009
Reverse shaft	*	0750 115 369
16S-1650		
Main shaft	*	0501 398 211
Main shaft	*	0750 115 956
Main shaft	*	0750 115 955
Main shaft	*	0750 115 958
Main shaft intermediate	F 19016	0735 455 114
(Direct drive housing)	F 19010	0501 398 714
(Over drive housing)	F 19039	0750 118 471
Counter shaft front	F 15047	0750 117 888
Counter shaft rear (Before 02/96)	5395/5335	0750 117 009
Counter shaft rear (After 02/96)	32310 F	0750 117 008
Output shaft front	F 18052	0750 116 422
Main shaft rear	6218 C3	0750 116 394
Main shaft front	F 19037	0750 118 038
Input shaft front	*	0750 118 130
Reverse shaft	*	0750 115 957
	*	0735 298 125
S5-420		
Main shaft	*	0750 115 233
Main shaft	*	0735 320 873
Main shaft	*	0735 320 871
Main shaft	*	0735 321 010
Counter shaft front	2580/2520	1307 203 019
Counter shaft rear	2580/2520	1307 203 019
Main shaft front	CONE F 15084	0735 371 372
Main shaft rear	F 15278	1307 204 275
Input shaft front	28580/28521	1307 202 116




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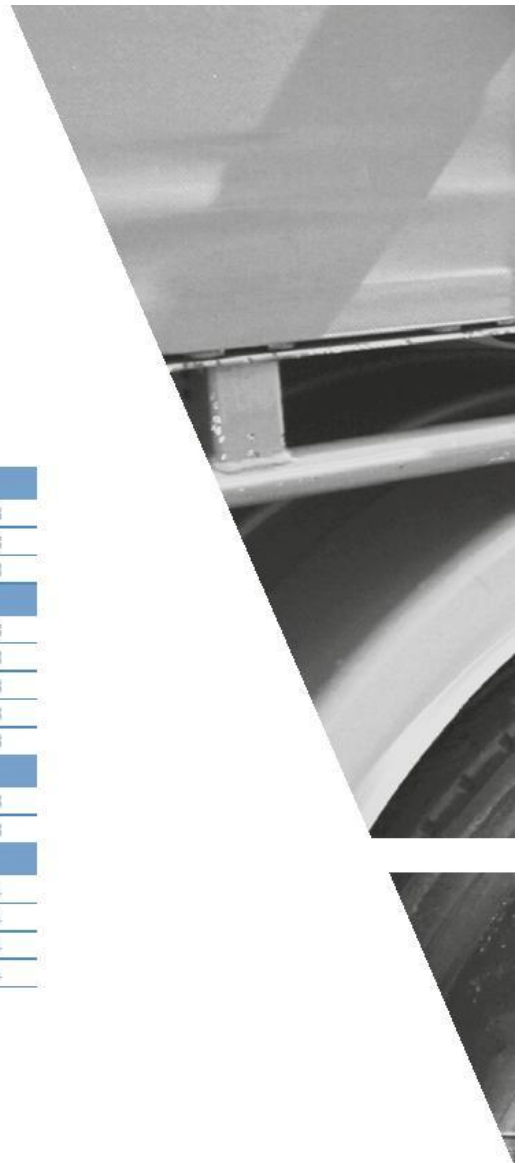
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3 \ Wheel end

				
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	RA	F 200013		
	RA	F 200014		
9900	FA	F 200013		
	RA	F 200013		
	RA	F 200014		






				
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	TRA		33116 F	32310 F
	TRA		33118 F	33213 F
	TRA		33215 F	32310 F

FRUEHAUF				
	TRA		F 15115	F 15115
	TRA		HM 518445/ HM 518410	HM 518445/ HM 518410


GIGANT				
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	TRA		32212 F	33208 F
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KÄSSBOHRER				
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	TRA		33020 F	33116 F
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	TRA		33116 F	32310 F
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	TRA		32218 F	32312 F
	TRA		32219 F	33215 F
	TRA		32219 F	32312 F
	TRA		32221 F	32314 F
	TRA		32924 F	32924 F
	TRA		33113 F	30309 F
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	TRA		F 15115	F 15115
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3 \ Wheel end

									
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	FA	F 200018							
	FA	F 200019							
	RA	F 200017							
	RA			33020 F 561694			33019 F		
	RA			33021 F			JF 10049/JF 10010		
LF 55	FA	F 200016							
	FA	F 200019							
	RA	F 200017							
XF 105	FA	F 200016							
	FA	F 200018							
	FA	F 200019							
	RA	F 200017							
XF 95	FA	F 200016							
	FA	F 200018							
	FA	F 200019							
	RA	F 200017							
IVECO									
EuroCargo	FA			33019 F			32018 XF		
	FA			33019 F			32021 XF		
	RA	F 15122							
	RA			30215 F			33118 F		
	RA			30218 F			30221 F		
	RA			33019 F			32021 XF		
EuroStar	RA	F 15122							
	RA			32218 F			32217 F		
	RA			32220 F			32219 F		
EuroTech	RA	F 15122							
EuroTrakker	FA			33019 F			32021 XF		
	RA			30221 F			32024 XF		
Stralis	RA	F 15122							
	RA			30221 F			32024 XF		
Trakker	FA			33019 F			32021 XF		
	RA			30221 F			32024 XF		
MAN									
TGA	FA	F 300005							
	FA			33217 F			30217 F		
	RA	F 200004							
	RA	F 200005							
TGM	FA	F 300005							
	RA	F 200004							
	RA	F 200005							
TGS	FA	F 300005							
	FA			33217 F			30217 F		
	FA						33019 F		
	RA	F 200004							
	RA	F 200005							
TGX	FA	F 300005							
	FA			33217 F			30217 F		
	RA	F 200004							
	RA	F 200005							

									
MERCEDES-BENZ									
ACTROS	FA	F 15100							
	FA				32314 F		32310 F		
	FA				33217 F		32311 F		
	FA				F 15193		32312 F		
	FA				F 15193		32311 F		
	RA				33020 F		33116 F		
	RA				33021 F		32020 XF		
	RA				33022 F		F 15208		
	RA				33022 F		33220 F		
					F 15193		32312 F		
ATEGO	FA	F 15120							
	FA				32314 F		32310 F		
	FA				33020 F		32017 XF		
	FA				33213 F		33208 F		
	FA				33217 F		32311 F		
	FA				F 15193		32312 F		
	RA	F 15125							
	RA				33017 F		33014 F		
	RA				33019 F		32018 XF		
	RA				33020 F		33116 F		
	RA				33021 F		32020 XF		
	RA				33022 F		F 15208		
AXOR	FA	F 15100							
	FA				32314 F		32310 F		
	FA				33217 F		32311 F		
	FA				F 15193		32312 F		
	RA				32314 F		32310 F		
	RA				33019 F		33215 F		
	RA				33020 F		33116 F		
	RA				33021 F		32020 XF		
	RA				33022 F		F 15208		
					F 15193		32312 F		
RENAULT TRUCKS									
Kerax	FA	F 200013							
	FA	F 300003							
	RA	F 200014							
Magnum	FA	F 200013							
	FA	F 200015							
	FA	F 300003							
	RA	F 200013							
	RA	F 200014							
Midlum	FA	F 300003							
Premium	FA	F 300003							
Premium 2	FA	F 200013							
	FA	F 200015							
	RA	F 200014							
SCANIA									
Serie 2,3,4	FA	F 15097							
	RA				HM 218248/HM 218210		HM 218248/ HM 218210		
	RA				HM 220149/HM 220110		HM 220149/ HM 220110		
Serie P,G,R,T	FA	F 15097							
	RA				HM 218248/HM 218210		HM 218248/ HM 218210		
	RA				HM 220149/HM 220110		HM 220149/ HM 220110		

3

3 \ Wheel end

					
VOLVO					
FH 12	FA	F 200013			
	FA	F 200015			
	RA	F 200013			
	RA	F 200014			
	RA	F 200015			
FH 16	FA	F 200013			
	FA	F 200015			
	RA	F 200013			
	RA	F 200014			
	RA	F 200015			
FM 12	FA	F 200013			
	FA	F 200015			
	RA	F 200013			
	RA	F 200014			
	RA	F 200015			
FM 7	FA	F 200013			
	RA	F 200014			
	RA	F 200014			



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OEM Cross References

4 \ OEM Cross References

OEM	Fersa
BPW	
02.6405.11.00	3222 F
02.6406.50.00	32310 F
02.6406.70.00	32314 F
02.6407.67.00	33213 F
02.6407.75.00	33215 F
02.6410.22.00	33213 F

DAF	
266487	JF 10049/JF 10010
266488	33021 F
676987	33019 F
676988	33020 F 561694
1801592	F 200016
1801593	F 200018
1801594	F 200017
1801595	F 200019

IVECO	
1104923	33019 F
1905487	F 15122
2996882	F 15122
7179749	F 15122
7179751	F 15122
7183074	F 15122
7183075	F 15122
7189050	F 15122
7189648	F 15122
42103253	33118 F

MAN	
06.32499-0036	33019 F
06.32499-0123	33019 F
06.32499-0193	33217 F
36.93420-0009	F 200004
81.93420-0185	33019 F
81.93420-0320	F 200004
81.93420-0342	F 200004
81.93420-0346	F 200005
81.93420-0376	F 200004
81.93420-6097	F 200004
87.52460-1503	33019 F

MERCEDES BENZ	
000 980 9602	33019 F
000 980 9702	33021 F
001 980 0902	33213 F
001 980 2702	33215 F
001 980 6602	33020 F
002 981 8605	33215 F
002 981 8905	33215 F
002 981 9005	33019 F
003 981 2605	33021 F
003 981 2805	33021 F
003 981 3705	33213 F

OEM	Fersa
003 981 3905	33208 F
003 981 4505	33220 F
003 981 7205	33208 F
003 981 7405	33213 F
003 981 8605	33019 F
004 981 0705	33022 F
004 981 0905	33022 F
004 981 1005	33220 F
004 981 6805	33208 F
004 981 9225	6009 C3
004 981 9325	6217 C3
005 981 2105	33022 F
005 981 4905	33021 F
005 981 5505	33014 F
005 981 6905	33014 F
005 981 8405	33020 F
005 981 8505	33020 F
006 981 0105	33020 F
006 981 6205	33208 F
006 981 6305	33213 F
006 981 7605	33014 F
006 981 8705	33017 F
006 981 9705	33017 F
007 981 4905	33017 F
007 981 7005	33217 F
007 981 8201	*
008 981 1325	16017/90 C3
008 981 2805	HM 204043/10
008 981 3025	6217/80 C3
008 981 3405	33220 F
008 981 3505	33022 F
008 981 5425	6003
008 981 7505	33208 F
008 981 8310	F 17031 K
009 981 0805	F 15193
009 981 1510	F 17032 K
009 981 4305	F 15208
009 981 5725	6309 2RS
009 981 5825	F 18042
009 981 6405	F 15193
010 981 4901	F 19069
011 981 0805	33217 F
011 981 1305	F 15190
011 981 2305	F 15208
011 981 3605	F 15208
011 981 6005	*
011 981 7605	33210 F
011 981 7705	32011 XF
012 981 4005	33116 F
012 981 4105	33116 F
012 981 8910	F 17033 K
013 981 2205	F 15125
013 981 2305	F 15125
013 981 4205	F 15193
013 981 4305	F 15193
013 981 9805	F 15125
014 981 1405	529/520 X1

OEM	Fersa
MERCEDES BENZ	
014 981 1605	32011 XF
014 981 1905	CONE F 15249
014 981 3205	33020 F
014 981 5105	F 15100
014 981 6105	F 15192
014 981 9305	F 15100
014 981 9905	F 15100
015 981 1605	CONE 4367 X
015 981 6205	CONE F 15111
015 981 7605	CONE F 15244
015 981 9005	529/520 X1
016 981 0010	F 17034 K
016 981 1205	F 15245
017 981 2605	F 15245
017 981 4905	33116 F
017 981 5005	F 15100
017 981 5105	CONE F 15113
017 981 5610	F 17077 K
017 981 7105	CONE F 15269
018 981 3610	F 17079 K
018 981 5310	F 17076 K
018 981 5610	*
018 981 5710	F 17078 K
018 981 5810	F 17080 K
018 981 6410	F 17096 K
018 981 6610	F 17035 K
018 981 6805	F 15298
018 981 7105	33022 F
018 981 8110	F 17097 K
018 981 9710	*
022 981 5310	*
022 981 5610	*
022 981 5810	*
022 981 5910	*
023 981 2910	F 17089 K
976 981 0012	F 19090

MERITOR	
990410455	33213 F

RVI	
50 01 861 915	F 200014
74 20 516 957	F 200014
74 20 518 617	F 200015
74 20 518 637	F 200013
74 20 518 661	F 200014
74 20 792 439	F 200014
74 21 021 381	F 200015
74 21 021 391	F 200013
74 21 036 050	F 200014

SAF	
03 200 1020 00	F 200025
03 434 3010 00	F 200028

OEM	Fersa
03 434 3011 00	F 200031
03 434 3012 00	F 200028
03 434 3018 00	F 200029
03 434 3019 00	F 200025
03 434 3020 00	F 200025
03 434 3021 00	F 200025
03 434 3022 00	F 200025

SCANIA	
372778	*
378615	*
389434	*
1327878	F 15119
1342706	HM 220149/HM 220110
1357711	30312 F
1439070	F 15097
1476286	*
1476945	F 15097
1534829	JF 5049/JF 5010
1548056	JD 6549/6510
1724482	F 15097
1774165	*
1783324	6312 C3
1868087	F 15097
1883975	CONE JF 4049

VOLVO	
183363	*
1075408	F 200014
1521452	F 17092 K
1521453	F 17091 K
1521596	CONE 33113 F
1652563	33212 F
1652575	F 17095 K
1652581	F 17093 K
1652604	F 18053
1654088	F 17094 K
1656116	CONE F 15150 A
1656129	F 15116
3988673	F 200013
20518617	F 200015
20518637	F 200013
20518661	F 200014
20785448	F 18059
20792439	F 200014
20792440	F 200014
20967828	F 200014
20967830	F 200015
20967831	F 200013
21001091	F 18053
21005761	*
21021391	F 200013
21036050	F 200014
21626057	F 15326
21626061	F 15347
21626063	F 15345
21627792	F 15348
22283632	F 15346

4 \ OEM Cross References

OEM	Fersa
ZF	
0501 398 211	*
0501 398 714	F 19010
0635 303 053	*
0635 338 090	*
0635 450 098	*
0735 298 125	*
0735 298 169	*
0735 320 500	F 17062 K
0735 320 816	F 17063 K
0735 320 871	*
0735 320 873	*
0735 321 010	*
0735 321 011	*
0735 321 012	F 17058 K
0735 321 087	F 17038 K
0735 321 437	*
0735 321 494	F 17059 K
0735 330 597	6213 2RS/C3
0735 330 804	*
0735 340 080	*
0735 358 192	*
0735 370 742	3386/3325
0735 371 372	CONE F 15084
0735 371 406	CONE F 15213
0735 371 605	F 15212
0735 371 748	CONE F 15110
0735 371 749	33208 F
0735 455 114	F 19016
0750 115 224	*
0750 115 225	F 17061 K
0750 115 227	F 17064 K
0750 115 233	*
0750 115 299	*
0750 115 303	*
0750 115 310	*
0750 115 324	F 17040 K
0750 115 325	F 17039 K
0750 115 326	*
0750 115 327	*
0750 115 366	F 17041 K
0750 115 369	*
0750 115 427	F 17057 K
0750 115 531	F 19087
0750 115 533	F 17056 K
0750 115 534	F 19087
0750 115 955	*
0750 115 956	*
0750 115 957	*
0750 115 958	*
0750 116 002	6218 C3
0750 116 048	*
0750 116 165	F 18052
0750 116 197	*
0750 116 394	6218 C3
0750 116 404	6216 C3

OEM	Fersa
0750 116 422	F 18052
0750 117 008	32310 F
0750 117 009	5395/5335
0750 117 010	F 15047
0750 117 011	4580/4535
0750 117 079	33262 A/33461
0750 117 081	45285 A/45220 B
0750 117 083	33889/33822
0750 117 198	2789/2729
0750 117 232	CONE 4395
0750 117 312	45285 A/45221
0750 117 431	*
0750 117 677	F 15246
0750 117 678	F 15191
0750 117 732	F 15104
0750 117 883	F 15047
0750 118 038	F 19037
0750 118 130	F 19008
0750 118 198	F 19061
0750 118 471	F 19039
0750 118 511	33889/33822
1246 203 008	33885/22
1307 202 116	28580/28521
1307 203 019	2580/2520
1307 204 275	F 15278



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