

# COMMERCIAL



**Universal**  
Specialist in Rotating Electrics

2015  
QUICK GUIDE

# Universal

## *quick guide*

We have put together a catalogue consisting of the most popular commercial truck alternators and starter motors. This catalogue has an application guide, detailed product information including images, a cross reference to OEM part numbers and leading aftermarket supplier's references as well.

### About Universal

With over 35 years experience in the automotive industry, we have the knowledge and the expertise to supply your requirements.

Universal is a rapidly expanding company, founded in 1976 it has grown to be recognised as one of the UK's leading suppliers of starter motors and alternators.

To complement our extensive range of car products, we have introduced a vast range of commercial products that now comprises of over 425 part numbers. We also cover more specialized markets such as Agricultural, Fork trucks, Lawn Mower, Marine, Motorcycle and Plant.

Universal has its own workshop for remanufacturing that is equipped with the latest computerised testing equipment, assuring you the very best in quality as our main priority. We offer an excellent technical helpline and an after sales support and backup service for free. Feel free to talk to one of our technicians- just ask to be transferred to technical support when you call us on +44 (0) 1268 662210.

For more detailed information about each product you can visit our user friendly website at [www.universal.uk.com](http://www.universal.uk.com), with over 90,000 references we are confident to have the part you require!





## **Contents**

Page	Title
3-5	Application Guide
7-17	Alternator Product Information
19-30	Starter Product Information
31-36	Cross Reference Guide

PRINTED BY  **EPROS**  
Drukarnia / The Printing House

### **Disclaimer**

Every effort has been made to ensure the information in this catalogue is correct. Universal does not however accept liability for any inaccuracies or wrong information that has been provided. Original equipment references, part numbers and images are solely used for reference purpose only! For Universal's full terms and conditions please visit our website [www.universal.co.uk](http://www.universal.co.uk).



## UNIVERSAL - Quick Guide

Make	Model	Engine	Year	Part Number	Amps	Volts	Year	Part Number	KW	Volts	Notes	
<b>DAF</b>	45		1991-2000	<b>UNA704</b>	30	24v	1991-2000	<b>UNS842</b>	4.0	24v		
	55		1995-2000	<b>UNA704</b>	30	24v	1995-2000	<b>UNS842</b>	4.0	24v		
	65			1996-2000	<b>UNA969</b>	55	24v	1998-2000	<b>UNS852</b>	4.0	24v	
					<b>UNA895</b>	80	24v					
	75			1992-1998	<b>UNA969</b>	55	24v	1992-1998	<b>UNS1250</b>	4.0	24v	
					<b>UNA895</b>	80	24v		<b>UNS1109</b>	5.2	24v	
	85			1991-2001	<b>UNA969</b>	55	24v	1991-2001	<b>UNS854</b>	5.4	24v	
					<b>UNA895</b>	80	24v					
	95			1997-2002	<b>UNA969</b>	55	24v	1997-2002	<b>UNS854</b>	5.4	24v	
					<b>UNA895</b>	80	24v					
	LF45			2001>	<b>UNA1659</b>	80	24v	2001>	<b>UNS1173</b>	4.0	24v	
	LF55			2001>	<b>UNA1659</b>	80	24v	2001>	<b>UNS1173</b>	4.0	24v	
					<b>UNA1660</b>	110	24v					
	CF65			2001>	<b>UNA1523</b>	80	24v	2001>	<b>UNS1173</b>	4.0	24v	
					<b>UNA1656</b>	100	24v					
	CF75			2001>	<b>UNA1523</b>	80	24v	2001>	<b>UNS1250</b>	4.0	24v	
					<b>UNA1656</b>	100	24v		<b>UNS1109</b>	5.2	24v	
	CF85			2001>	<b>UNA1523</b>	80	24v	2001>	<b>UNS1118</b>	6.2	24v	
					<b>UNA1656</b>	100	24v		<b>UNS1315</b>	5.5	24v	
	XF95			2002>	<b>UNA1523</b>	80	24v	2002>	<b>UNS1118</b>	6.2	24v	
<b>UNA1656</b>					100	24v	<b>UNS1315</b>		5.5	24v	<b>G/R TYPE</b>	
XF105			2006>	<b>UNA2319</b>	80	24v	2006>	<b>UNS1671</b>	5.5	24v	<b>2 Pin Plug</b>	
XF110			2006>	<b>UNA2319</b>	80	24v	2006>	<b>UNS1671</b>	5.5	24v	<b>2 Pin Plug</b>	
<b>ERF</b>	ES6		1988>	<b>UNA824</b>	55	24v	1988>	<b>UNS1443</b>	5.5	24v		
	EC10	Cummins L10	1986>	<b>UNA824</b>	55	24v	1986>	<b>UNS638</b>	8.3	24v		
	EC11	Cummins M11	1996>	<b>UNA297</b>	80	24v	1996>	<b>UNS1444</b>	7.5	24v		
	EC14	Cummins N14	1996>	<b>UNA826</b>	75	24v	1996>	<b>UNS121</b>	8.3	24v		
	ECS	Cummins M11	1996>	<b>UNA297</b>	80	24v	1996>	<b>UNS1444</b>	7.5	24v		
	ECX	Cummins M11	1996>	<b>UNA297</b>	80	24v	1996>	<b>UNS1444</b>	7.5	24v		
	ECT	Cummins ISMe	1996>	<b>UNA297</b>	80	24v	1996>	<b>UNS1444</b>	7.5	24v		
<b>FODEN</b>	Alpha	Cummins ISMe	1996>	<b>UNA1656</b>	100	24v	1996>	<b>UNS1444</b>	7.5	24v		
<b>ISUZU</b>	NHR / NKR	4JB1	1984-1996	<b>UNA878</b>	50	12v		<b>UNS848</b>	2.2	12v		
	NKR / NPR	4HF1		<b>UNA1400</b>	50	24v		<b>UNS1960</b>	3.5	24v		
								<b>UNS1308</b>	4.0	24v		
	NKR / NPR69	4JG2	1996-2001	<b>UNA878</b>	50	12v		<b>UNS848</b>	2.2	12v		
	NQR70	4HE1-TC	1998>	<b>UNA1400</b>	50	24v		<b>UNS1960</b>	3.5	24v		
<b>UNS1308</b>								4.0	24v			
<b>IVECO</b>	Daily		2000-2006	<b>UNA341</b>	90	12v	2000-2006	<b>UNS861</b>	2.3	12v		
				<b>UNA1392</b>	120	12v						
	Daily			2006>	<b>UNA1358</b>	110	12v	2006>	<b>UNS861</b>	2.3	12v	
					<b>UNA1359</b>	140	12v					
	Daily III			2004-2006	<b>UNA2335</b>	110	12v	2004-2006	<b>UNS861</b>	2.3	12v	
					<b>UNA2336</b>	140	12v					
	Daily IV			2006-2011	<b>UNA2335</b>	110	12v	2006-2011	<b>UNS861</b>	2.3	12v	
					<b>UNA2336</b>	140	12v					
	Daily V			2011>	<b>UNA2754</b>	110	12v	2011>	<b>UNS861</b>	2.3	12v	
					<b>UNA2755</b>	150	12v					
					<b>UNA2766</b>	180	12v					
	Eurocargo 75-E15			1991-2000	<b>UNA1128</b>	35	24v	1991-2000	<b>UNS849</b>	4.0	24v	
					<b>UNA240</b>	55	24v					
	Eurocargo 120-E15			1998-2000	<b>UNA1128</b>	35	24v	1998-2000	<b>UNS1120</b>	4.0	24v	
					<b>UNA240</b>	55	24v					
	Eurocargo Tector 75-E15			2000>	<b>UNA2200</b>	70	24v	2000-2005	<b>UNS1174</b>	4.0	24v	
					<b>UNA1417</b>	90	24v					
	Eurocargo Tector 75-E17			2000>	<b>UNA2200</b>	70	24v	2000-2005	<b>UNS1174</b>	4.0	24v	
					<b>UNA1417</b>	90	24v					
	Eurocargo Tector 180-E28			2000>	<b>UNA2200</b>	70	24v	2000-2005	<b>UNS1174</b>	4.0	24v	
					<b>UNA1417</b>	90?	24v					
	Eurocargo Tector 65-E14			2006>	<b>UNA2200</b>	70	24v	2006>	<b>UNS1856</b>	4.0	24v	
<b>UNA1417</b>					90	24v						
Eurocargo Tector 160-E25			2006>	<b>UNA2200</b>	70	24v	2006>	<b>UNS1856</b>	4.0	24v		
				<b>UNA1417</b>	90	24v						

## UNIVERSAL - Quick Guide

Make	Model	Engine	Year	Part Number	Amps	Volts	Year	Part Number	KW	Volts	Notes	
<b>MAN</b>	Strallis Cursor		2002>	<b>UNA1500</b>	90	24v	2002>	<b>UNS1222</b>	5.5	24v		
	F90 Series		1991-96	<b>UNA969</b>	55	24v	1991-96	<b>UNS867</b>	4.0	24v	<b>10T</b>	
				<b>UNA895</b>	80	24v		<b>UNS618</b>	4.0	24v	<b>11T</b>	
	F2000 Series		1996-2001	<b>UNA969</b>	55	24v	1996-2001	<b>UNS696</b>	5.4	24v		
				<b>UNA895</b>	80	24v						
	L2000 Series		1996-2001	<b>UNA969</b>	55	24v	1996-2001	<b>UNS867</b>	4.0	24v	<b>10T</b>	
				<b>UNA895</b>	80	24v		<b>UNS618</b>	4.0	24v	<b>11T</b>	
				2001-2004	<b>UNA862</b>	55	24v	2001-2004	<b>UNS1125</b>	4.0	24v	<b>10T</b>
					<b>UNA897</b>	90	24v		<b>UNS1121</b>	4.0	24v	<b>11T</b>
									<b>UNS1878</b>	4.0	24v	<b>11T Dustproof</b>
				2004>	<b>UNA820</b>	80	24v	2004>	<b>UNS1125</b>	4.0	24v	<b>10T</b>
		<b>UNA1655</b>	110	24v		<b>UNS1121</b>	4.0	24v	<b>11T</b>			
						<b>UNS1878</b>	4.0	24v	<b>11T Dustproof</b>			
	M2000 Series		1996-2001	<b>UNA969</b>	55	24v	1996-2001	<b>UNS867</b>	4.0	24v	<b>10T</b>	
				<b>UNA895</b>	80	24v		<b>UNS618</b>	4.0	24v	<b>11T</b>	
				2001-2004	<b>UNA862</b>	55	24v	2001-2004	<b>UNS1125</b>	4.0	24v	<b>10T</b>
					<b>UNA897</b>	90	24v		<b>UNS1121</b>	4.0	24v	<b>11T</b>
									<b>UNS1878</b>	4.0	24v	<b>11T Dustproof</b>
				2004>	<b>UNA820</b>	80	24v	2004>	<b>UNS1125</b>	4.0	24v	<b>10T</b>
		<b>UNA1655</b>	110	24v		<b>UNS1121</b>	4.0	24v	<b>11T</b>			
						<b>UNS1878</b>	4.0	24v	<b>11T Dustproof</b>			
	LE Series		2001-2004	<b>UNA862</b>	55	24v	2001-2004	<b>UNS1125</b>	4.0	24v	<b>10T</b>	
				<b>UNA897</b>	90	24v		<b>UNS1121</b>	4.0	24v	<b>11T</b>	
	ME Series		2001-2004	<b>UNA862</b>	55	24v	2001-2004	<b>UNS1125</b>	4.0	24v	<b>10T</b>	
				<b>UNA897</b>	90	24v		<b>UNS1121</b>	4.0	24v	<b>11T</b>	
	TGA Series		2001-2004	<b>UNA862</b>	55	24v	2001-2004	<b>UNS696</b>	5.4	24v		
				<b>UNA897</b>	90	24v		<b>UNS1954</b>	5.5	24v	<b>Mitsubishi</b>	
							<b>UNS1816</b>	5.5	24v	<b>Bosch</b>		
	TGA Series		2004>	<b>UNA820</b>	80	24v	2004>	<b>UNS1954</b>	5.5	24v	<b>Mitsubishi</b>	
				<b>UNA1655</b>	110	24v		<b>UNS1816</b>	5.5	24v	<b>Bosch</b>	
	TGL Series		2005>	<b>UNA820</b>	80	24v	2005>	<b>UNS1702</b>	4.0	24v	<b>10T</b>	
				<b>UNA1655</b>	110	24v		<b>UNS1709</b>	4.0	24v	<b>11T</b>	
TGS Series		2007>	<b>UNA820</b>	80	24v	2007>	<b>UNS1954</b>	5.5	24v	<b>Mitsubishi</b>		
			<b>UNA1655</b>	110	24v		<b>UNS1816</b>	5.5	24v	<b>Bosch</b>		
TGX Series		2007>	<b>UNA820</b>	80	24v	2007>	<b>UNS1954</b>	5.5	24v	<b>Mitsubishi</b>		
			<b>UNA1655</b>	110	24v		<b>UNS1816</b>	5.5	24v	<b>Bosch</b>		
<b>MERCEDES</b>	814		1998-2004	<b>UNA1156</b>	80	24v	1998-2004	<b>UNS1170</b>	4.0	24v		
				<b>UNA2312</b>	100	24v						
	Actros		1996-2002	<b>UNA1156</b>	80	24v	1996-2002	<b>UNS1440</b>	6.2	24v		
				<b>UNA2312</b>	100	24v						
	Actros (II)		2002>	<b>UNA493</b>	80	24v	2002>	<b>UNS1307</b>	6.2	24v	<b>Bosch</b>	
				<b>UNA492</b>	100	24v		<b>UNS1307M</b>	6.2	24v	<b>Mitsubishi</b>	
	Atego		1998-2002	<b>UNA1156</b>	80	24v	1998-2002	<b>UNS1170</b>	4.0	24v		
				<b>UNA2312</b>	100	24v						
	Atego (II)		2002>	<b>UNA493</b>	80	24v	2002>	<b>UNS1170</b>	4.0	24v		
				<b>UNA492</b>	100	24v						
	Axor R		2002>	<b>UNA493</b>	80	24v	2002>	<b>UNS1170</b>	4.0	24v		
				<b>UNA492</b>	100	24v						
	Axor C		2002>	<b>UNA493</b>	80	24v	2002>	<b>UNS1307</b>	6.2	24v	<b>Bosch</b>	
				<b>UNA492</b>	100	24v		<b>UNS1307M</b>	6.2	24v	<b>Mitsubishi</b>	
	<b>RENAULT</b>	Kerax Series		1998-2002	<b>UNA2337</b>	80	24v	1998-2002	<b>UNS1289</b>	5.5	24v	
					2001-2005	<b>UNA2662</b>	80	24v	2001-2005	<b>UNS1728</b>	5.5	24v
								<b>UNS1740</b>	5.5	24v	<b>12T</b>	
			2005>	<b>UNA2727</b>	90	24v	2005>	<b>UNS1739</b>	5.5	24v		
Magnum			2001>	<b>UNA2337</b>	80	24v	2001>	<b>UNS1442</b>	7.2	24v		
Midliner			1996>	<b>UNA2337</b>	80	24v	1996>	<b>UNS535</b>	4.0	24v		
Midlum			2000>	<b>UNA2337</b>	80	24v	2000>	<b>UNS1312</b>	4.0	24v		
				<b>UNA2662</b>	80	24v						
Midlum II			2006>	<b>UNA2469</b>	100	24v	2006>	<b>UNS1972</b>	5.5	24v		
Premium 200 Series			1998-2001	<b>UNA2460</b>	60	24v	1998-2001	<b>UNS535</b>	4.0	24v	<b>Bosch</b>	
				<b>UNA2337</b>	80	24v		<b>UNS1289</b>	5.5	24v	<b>Mitsubishi</b>	
				2001>	<b>UNA2662</b>	80	24v	2001>	<b>UNS1728</b>	5.5	24v	<b>11T</b>
							<b>UNS1740</b>	5.5	24v	<b>12T</b>		
Premium 300 Series			1998-2006	<b>UNA2460</b>	60	24v	1998-2006	<b>UNS1289</b>	5.5	24v		

## UNIVERSAL - Quick Guide

Make	Model	Engine	Year	Part Number	Amps	Volts	Year	Part Number	KW	Volts	Notes	
	Premium (II) 300 Series		2006>	UNA2337	80	24v	2006>	UNS1728	5.5	24v	11T	
				UNA2662	80	24v		UNS1740	5.5	24v	12T	
				UNA2677	90	24v		UNS1739	5.5	24v		
				UNA2678	110	24v						
				UNA2679	130	24v						
	Premium 400 Series	1998-2006		UNA2460	60	24v	1998-2006	UNS1289	5.5	24v		
				UNA2337	80	24v	UNS1728	5.5	24v	12T		
				UNA2662	80	24v	UNS1740	5.5	24v	12T		
	Premium (II) 400 Series	2006>		UNA2677	90	24v	2006>	UNS1739	5.5	24v		
				UNA2678	110	24v						
				UNA2679	130	24v						
SCANIA	94 Series		1996>	UNA421	65	24v	1996-	UNS703	4.0	24v		
	112 Series		1985>	UNA978	75	24v	1985-	UNS619	6.6	24v		
	114 Series		1996>	UNA421	65	24v	1996-	UNS703	4.0	24v		
	124 Series		1996>	UNA421	65	24v	1996-	UNS1108	6.7	24v		
	144 Series		1996>	UNA421	65	24v	1996-	UNS1110	6.7	24v		
	G Series	1998-2004		UNA1419	80	24v	1998-2004	UNS1108	6.7	24v		
				UNA1626	100	24v						
				2004>	UNA1419	80	24v	2004>	UNS544	6.0	24v	
	P Series	1998-2004		UNA1626	100	24v						
				UNA1419	80	24v	1998-2004	UNS1108	6.7	24v		
				2004>	UNA1419	80	24v	2004>	UNS544	6.0	24v	
	R Series	1998-2004		UNA1626	100	24v						
				UNA1419	80	24v	1998-2004	UNS1108	6.7	24v		
				2004>	UNA1419	80	24v	2004>	UNS1680	6.0	24v	
	T Series	1998-2004		UNA1626	100	24v						
				UNA1419	80	24v	1998-2004	UNS1108	6.7	24v		
				2004>	UNA1419	80	24v	2004>	UNS1680	6.0	24v	
	VOLVO	FH Series		1998>	UNA1343	55	24v	1998>	UNS1115	6.6	24v	
					UNA459	80	24v					
		FH Series	(Ch.A557642, B330018)	2001-2005	UNA506	80	24v	2001-2005	UNS1441	5.5	24v	
UNA1658					110	24v						
UNA2676					120	24v						
2005>					UNA2677	90	24v	2005>	UNS1959	5.5	24v	
FL Series			1996-2000	UNA2678	110	24v						
				UNA2679	130	24v						
				UNA974	55	24v	1996-2000	UNS699	4.0	24v	Bosch	
				UNA839	80	24v		UNS1385	4.5	24v	Nippon Denso	
FM7 Series			2000-2006	UNA974	55	24v	2000-2006	UNS1320	4.0	24v		
				UNA839	80	24v						
				2006>			2006>	UNS1917	5.0	24v		
				UNA1343	55	24v	1998-2001	UNS620	5.4	24v		
FM9 Series			2001-2005	UNA459	80	24v		UNS1119	4.0	24v		
				UNA1343	55	24v	2001-2005	UNS1739	5.5	24v		
FM9 Series		(Ch.A557642, B330018)	2001-2005	UNA459	80	24v	2001-2005	UNS1739	5.5	24v		
				UNA1658	110	24v						
FM10 Series			1998-2001	UNA1343	55	24v	1998-2001	UNS675	5.4	24v		
FM12 Series			1998-2005	UNA459	80	24v						
	UNA1343			55	24v	1998-2005	UNS1115	6.6	24v	Bosch		
FM12 Series	(Ch.A557642, B330018)	1998-2005	UNA459	80	24v							
			UNA506	80	24v	1998-2005	UNS1441	5.5	24v	Mitsubishi		
FM Series		2005>	UNA1658	110	24v							
			UNA506	80	24v	2005>	UNS1959	5.5	24v	Mitsubishi		
			UNA2676	120	24v							





# ALTERNATOR

---

## parts


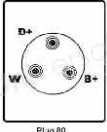

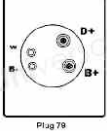

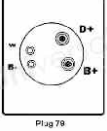




Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA704</b>	24 V	30 A	PV8 (61 mm)	Internal Regulated	
Connections: <b>Plug 9 (B+,B+,D+)</b>					
<b>UNA895</b>	24 V	80 A	N/A	Internal Regulated	
Connections: <b>Plug 79 (B+,D+,W,B-)</b>					
<b>UNA969</b>	24 V	100 A	N/A	Internal Regulated	
Connections: <b>Plug 79 (B+,D+,W,B-)</b>					
<b>UNA1523</b>	24 V	80 A	PV6 (66 mm)	Internal Regulated	
Connections: <b>Plug 98 (W,L,15,S,DFM)</b>					
<b>UNA1656</b>	24 V	100 A	N/A	Internal Regulated	
Connections: <b>Plug 98 (W,L,15,S,DFM)</b>					
<b>UNA1659</b>	24 V	80 A	PV8 (60 mm)	Internal Regulated	
Connections: <b>Plug 98 (W,L,15,S,DFM)</b>					
<b>UNA1660</b>	24 V	110 A	PV8 (60 mm)	Internal Regulated	
Connections: <b>Plug 98 (W,L,15,S,DFM)</b>					
<b>UNA2319</b>	24 V	80 A	PV7 (86 mm)	Internal Regulated	
Connections: <b>Plug 98 (W,L,15,S,DFM)</b>					


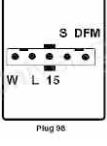
# ERF (CUMMINS)

## ALTERNATOR parts

Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA297</b>	24 V	70 A	N/A	Internal Regulated	 
Connections: <b>Plug 80 (B+,D+,W)</b>					
<b>UNA824</b>	24 V	55 A	N/A	Internal Regulated	 
Connections: <b>Plug 79 (B+,D+,W,B-)</b>					
<b>UNA826</b>	24 V	75 A	N/A	Internal Regulated	 
Connections: <b>Plug 79 (B+,D+,W,B-)</b>					


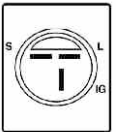
# FODEN


## ALTERNATOR parts

Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA1656</b>	24 V	100 A	N/A	Internal Regulated	 
Connections: <b>Plug 98 (W,L,15,S,DFM)</b>					

# IZUSU

## ALTERNATOR parts

Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA878</b>	12 V	50 A	SV (80 mm)	Internal Regulated	 
Connections: <b>Plug 6 (S,IG,L)</b>					

Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA1400</b>	24 V	50 A	SV (80 mm)	Internal Regulated	
	Connections: <b>Plug 6 (S,IG,L)</b>				


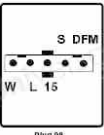

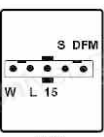
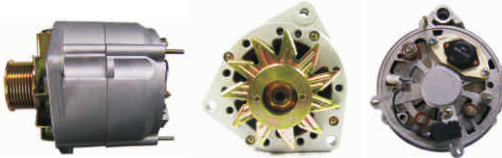
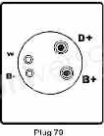

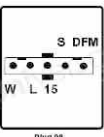

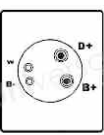

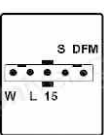
# IVECO ALTERNATOR parts

Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA240</b>	24 V	55 A	SV (88 mm)	Internal Regulated	
	Connections: <b>Plug 79 (B+,D+,W,B-)</b>				
<b>UNA341</b>	12 V	90 A	PV6 (68 mm)	Internal Regulated	
	Connections: <b>Plug 105 (L,D)</b>				
<b>UNA1128</b>	24 V	35 A	SV (88 mm)	Internal Regulated	
	Connections: <b>Plug 63 (B+,D+)</b>				
<b>UNA1358</b>	12 V	110 A	PV7 (55 mm)	Internal Regulated	
	Connections: <b>Plug 33 (L,DFM)</b>				
<b>UNA1359</b>	12 V	140 A	PV7 (55 mm)	Internal Regulated	
	Connections: <b>Plug 33 (L,DFM)</b>				
<b>UNA1392</b>	12 V	120 A	PV6 (68 mm)	Internal Regulated	
	Connections: <b>Plug 105 (L,D)</b>				

Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA1417</b>	24 V	90 A	PV8 (55 mm)	Internal Regulated	  <p>Plug 98</p>
Connections: Plug 98 (W,L,15,S,DFM)					
<b>UNA1500</b>	24 V	90 A	PV10 (62 mm)	Internal Regulated	  <p>Plug 14</p>
Connections: Plug 14 (S,IG,L)					
<b>UNA2200</b>	24 V	70 A	PV8 (55 mm)	Internal Regulated	  <p>Plug 98</p>
Connections: Plug 98 (W,L,15,S,DFM)					
<b>UNA2335</b>	12 V	110 A	N/A	Internal Regulated	  <p>Plug 35</p>
Connections: Plug 35 (L,DFM)					
<b>UNA2336</b>	12 V	140 A	N/A	Internal Regulated	  <p>Plug 35</p>
Connections: Plug 35 (L,DFM)					
<b>UNA2754</b>	12 V	110 A	Pv7 55 mm)	Internal Regulated	  <p>Plug 33</p>
Connections: Plug 33 (L,DFM)					
<b>UNA2755</b>	12 V	150 A	PV7 (55 mm)	Internal Regulated	  <p>Plug 33</p>
Connections: Plug 33 (L,DFM)					
<b>UNA2766</b>	12 V	180 A	PV7 (55 mm)	Internal Regulated	  <p>Plug 33</p>
Connections: Plug 33 (L,DFM)					


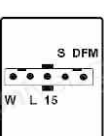
# MAN

## ALTERNATOR parts

Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA820</b>	24 V	80 A	N/A	Internal Regulated	 
Connections: <b>Plug 98 (W,L,15,S,DFM)</b>					
<b>UNA862</b>	24 V	55 A	N/A	Internal Regulated	 
Connections: <b>Plug 98 (W,L,15,S,DFM)</b>					
<b>UNA895</b>	24 V	80 A	N/A	Internal Regulated	 
Connections: <b>Plug 79 (B+,D+,W,B-)</b>					
<b>UNA897</b>	24 V	90 A	N/A	Internal Regulated	 
Connections: <b>Plug 98 (W,L,15,S,DFM)</b>					
<b>UNA969</b>	24 V	55 A	N/A	Internal Regulated	 
Connections: <b>Plug 79 (B+,D+,W,B-)</b>					
<b>UNA1655</b>	24 V	110 A	N/A	Internal Regulated	 
Connections: <b>Plug 98 (W,L,15,S,DFM)</b>					

# MERCEDES

## ALTERNATOR parts

Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA492</b>	24 V	100 A	PV9 (77 mm)	Internal Regulated	 
Connections: <b>Plug 98 (W,L,15,S,DFM)</b>					



# MERCEDES

ALTERNATOR parts

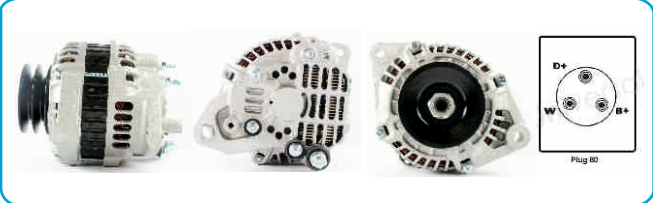
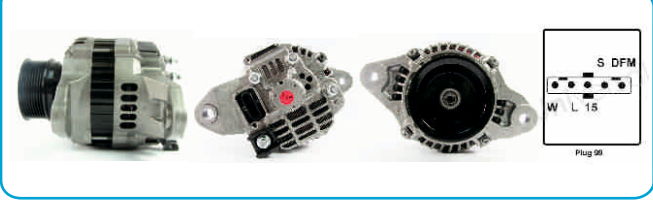
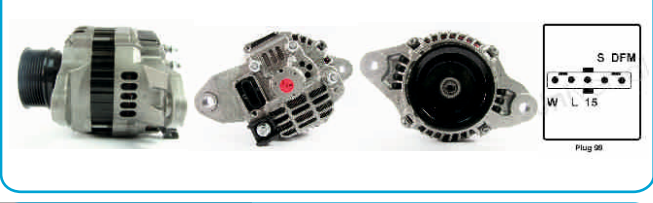
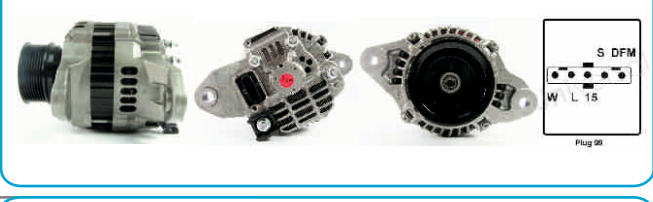
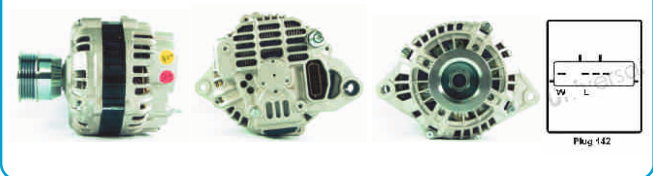
Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA493</b>	24 V	80 A	PV11 (75 mm)	Internal Regulated	
<b>UNA895</b>	24 V	80 A	N/A	Internal Regulated	
<b>UNA969</b>	24 V	55 A	N/A	Internal Regulated	
<b>UNA1156</b>	24 V	80 A	PV8 (69 mm)	Internal Regulated	
<b>UNA2312</b>	24 V	100 A	PV8 (69 mm)	Internal Regulated	

# RENAULT

ALTERNATOR parts

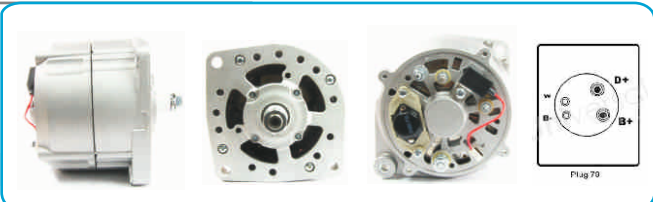
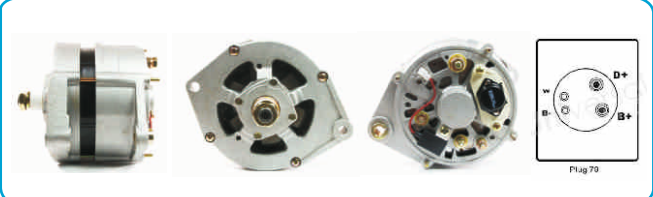
Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA2337</b>	24 V	80 A	N/A	Internal Regulated	
<b>UNA2460</b>	24 V	60 A	N/A	Internal Regulated	



Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA2662</b>	24 V	80 A	N/A	Internal Regulated	 <p>Connections: <b>Plug 80 (D+,B+,W)</b></p>
<b>UNA2677</b>	24 V	90 A	PV8 (82 mm)	Internal Regulated	 <p>Connections: <b>Plug 98 (W,L,15,S,DFM)</b></p>
<b>UNA2678</b>	24 V	110 A	PV8 (82 mm)	Internal Regulated	 <p>Connections: <b>Plug 98 (W,L,15,S,DFM)</b></p>
<b>UNA2679</b>	24 V	130 A	PV8 (82 mm)	Internal Regulated	 <p>Connections: <b>Plug 98 (W,L,15,S,DFM)</b></p>
<b>UNA2727</b>	24 V	90 A	PV5 (62 mm)	Internal Regulated	 <p>Connections: <b>Plug 142 (W,L)</b></p>

# SCANIA

## ALTERNATOR parts

Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA421</b>	24 V	65 A	N/A	Internal Regulated	 <p>Connections: <b>Plug 79 (B+,D+,W,B-)</b></p>
<b>UNA978</b>	24 V	80 A	N/A	Internal Regulated	 <p>Connections: <b>Plug 79 (B+,D+,W,B-)</b></p>

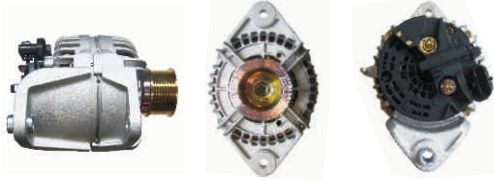
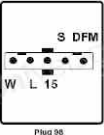
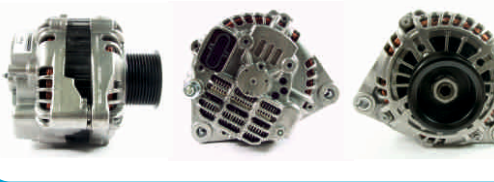
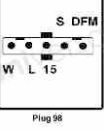

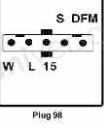
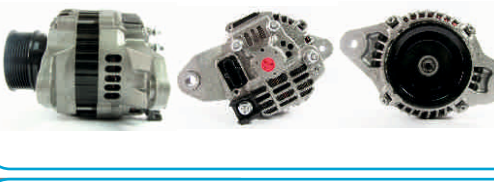
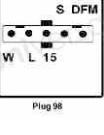
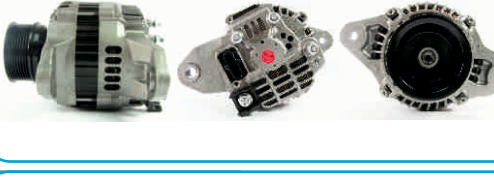
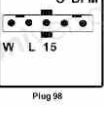

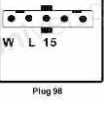
# SCANIA ALTERNATOR parts

Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA1419</b>	24 V	80 A	PV8 (72 mm)	Internal Regulated	
<b>UNA1626</b>	24 V	100 A	PV8 (72 mm)	Internal Regulated	

# VOLVO

## ALTERNATOR parts

Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA459</b>	24 V	80 A	N/A	Internal Regulated	
<b>UNA506</b>	24 V	80 A	PV8 (65 mm)	Internal Regulated	
<b>UNA839</b>	24 V	80 A	N/A	Internal Regulated	
<b>UNA974</b>	24 V	55 A	N/A	Internal Regulated	
<b>UNA1343</b>	24 V	55 A	N/A	Internal Regulated	

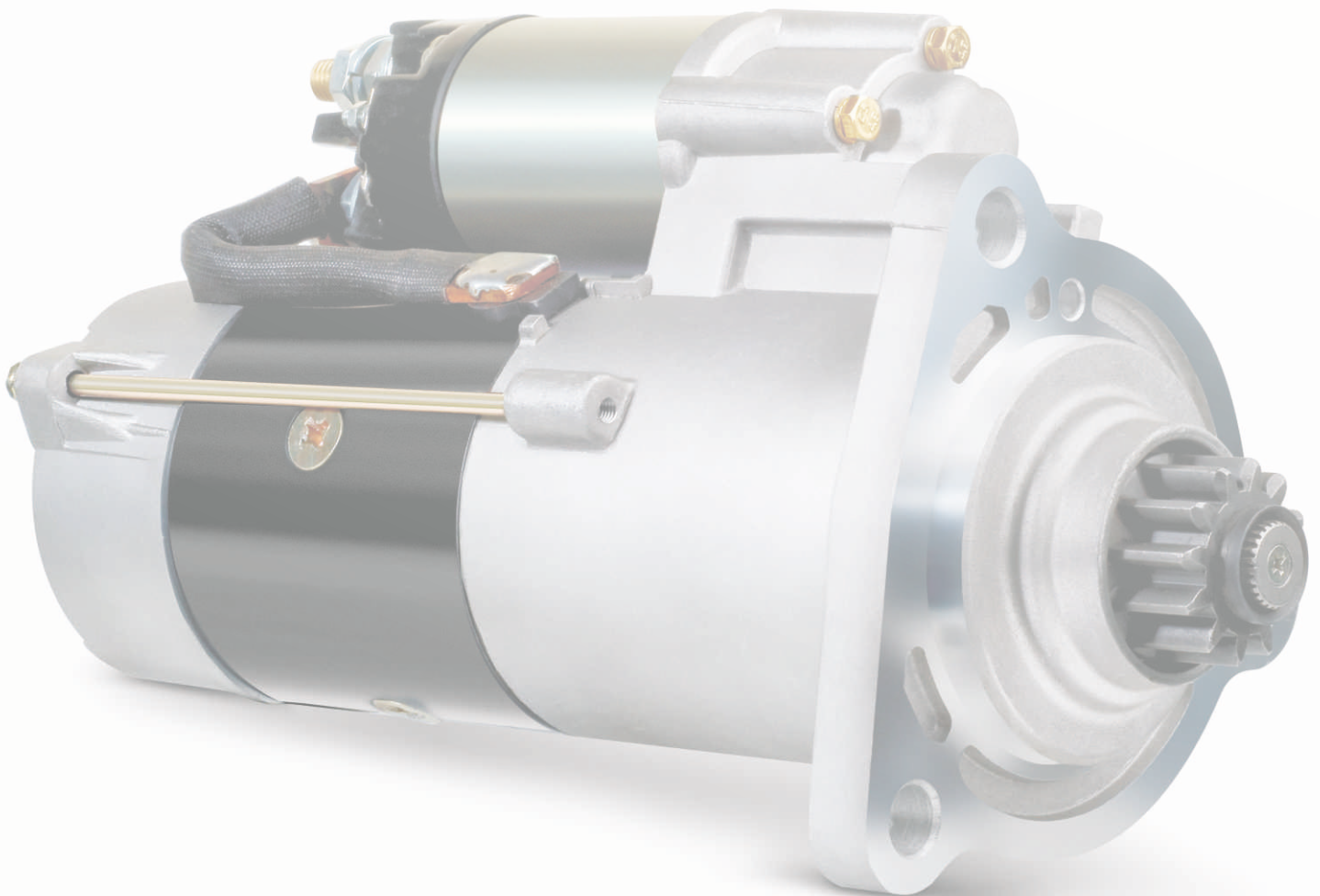
Part Number	Volts	Amps	Pulley type	Regulator	Product images
<b>UNA1658</b>	24 V	110 A	PV8 (63 mm)	Internal Regulated	  <p>Plug 98</p>
<b>UNA2469</b>	24 V	100 A	PV10 (70 mm)	Internal Regulated	  <p>Plug 98</p>
<b>UNA2676</b>	24 V	120 A	PV8 (65 mm)	Internal Regulated	  <p>Plug 98</p>
<b>UNA2677</b>	24 V	90 A	PV8 (82 mm)	Internal Regulated	  <p>Plug 98</p>
<b>UNA2678</b>	24 V	110 A	PV8 (82 mm)	Internal Regulated	  <p>Plug 98</p>
<b>UNA2679</b>	24 V	130 A	PV8 (82 mm)	Internal Regulated	  <p>Plug 98</p>











# STARTER

---

# parts







Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS842</b>	24 V	4.0	9	3	Clockwise Rotation	
<b>UNS852</b>	24 V	4.0	10	3	Clockwise Rotation	
<b>UNS854</b>	24 V	5.4	11	3	Clockwise Rotation	
<b>UNS1109</b>	24 V	5.2	11	3	Clockwise Rotation	
<b>UNS1118</b>	24 V	6.2	11	3	Clockwise Rotation	
<b>UNS1173</b>	24 V	4.0	10	3	Clockwise Rotation	
<b>UNS1250</b>	24 V	4.0	11	3	Clockwise Rotation	
<b>UNS1721</b>	24 V	4.0	11	3	Clockwise Rotation	





# DAF XF

## STARTER parts

Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS1315</b>	24 V	5.5	12	3	Clockwise Rotation	
Connections: Plug 505 (30,50)						
<b>UNS1671</b>	24 V	5.5	12	3	Clockwise Rotation	
Connections: Plug 534 (30,31,50)						

# ERF (CUMMINS)


## STARTER parts

Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS121</b>	24 V	7.5	12	3	Clockwise Rotation	
Connections: Plug 504 (30,50)						
<b>UNS638</b>	24 V	7.5	11	3	Clockwise Rotation	
Connections: Plug 504 (30,50)						
<b>UNS1443</b>	24 V	5.5	12	3	Clockwise Rotation	
Connections: Plug 504 (30,50)						
<b>UNS1444</b>	24 V	6.4	11	3	Clockwise Rotation	
Connections: Plug 505 (30,50)						



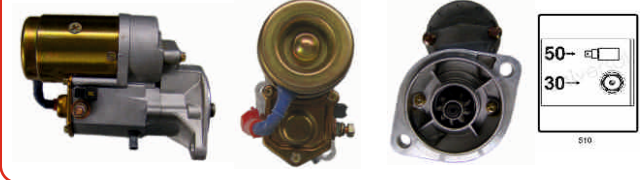


# FODEN

## STARTER parts

Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS1444</b>	24 V	7.5	11	3	Clockwise Rotation	
Connections: <b>Plug 505 (30,50)</b>						


# IZUSU

## STARTER parts

Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS848</b>	12 V	2.2	9	2	Clockwise Rotation	
Connections: <b>Plug 510 (30,50)</b>						
<b>UNS1308</b>	24 V	4.0	11	2	Anti Clockwise Rotation	
Connections: <b>Plug 530 (30,50)</b>						
<b>UNS1960</b>	24 V	3.5	11	2	Anti Clockwise Rotation	
Connections: <b>Plug 530 (30,50)</b>						

# IVECO

## STARTER parts



Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS849</b>	24 V	4.0	9	3	Clockwise Rotation	
Connections: <b>Plug 508 (30,50)</b>						

# IVECO STARTER parts

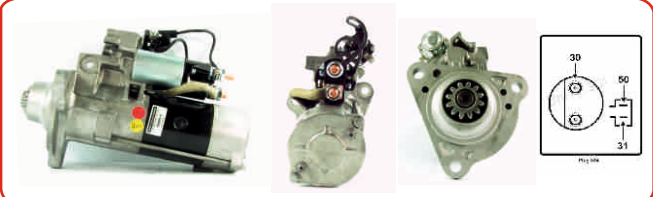
Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS861</b>	12 V	2.3	9	3	Clockwise Rotation	
	Connections: Plug 505 (30,50)		Threaded Holes: 3			
<b>UNS1120</b>	24 V	4.0	9	3	Clockwise Rotation	
	Connections: Plug 530 (30,50)					
<b>UNS1174</b>	24 V	4.0	10	3	Clockwise Rotation	
	Connections: Plug 505 (30,50)					
<b>UNS1222</b>	24 V	5.5	10	3	Clockwise Rotation	
	Connections: Plug 510 (30,50)					
<b>UNS1856</b>	24 V	4.0	10	3	Clockwise Rotation	
	Connections: Plug 546 (30,50)					

# MAN

## STARTER parts





Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS535</b>	24 V	4.7	10	3	Clockwise Rotation	
	Connections: Plug 503 (30,50)					
<b>UNS618</b>	24 V	4.0	11	3	Clockwise Rotation	
	Connections: Plug 505 (30,50)					

Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS696</b>	24 V	5.4	9	3	Clockwise Rotation	
Connections: Plug 522 (30,31,50)						
<b>UNS867</b>	24 V	4.0	10	3	Clockwise Rotation	
Connections: Plug 505 (30,50)						
<b>UNS1121</b>	24 V	4.0	11	3	Clockwise Rotation	
Connections: Plug 503 (30,50)						
<b>UNS1125</b>	24 V	4.0	10	3	Clockwise Rotation	
Connections: Plug 503 (30,50)						
<b>UNS1702</b>	24 V	4.0	11	3	Clockwise Rotation	
Connections: Plug 534 (30,31,50)						
<b>UNS1709</b>	24 V	4.0	10	3	Clockwise Rotation	
Connections: Plug 534 (30,31,50)						
<b>UNS1816</b>	24 V	5.5	12	3	Clockwise Rotation	
Connections: Plug 534 (30,31,50)						
<b>UNS1878</b>	24 V	4.0	11	3	Clockwise Rotation	
Connections: Plug 503 (30,50)						

Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS1954</b>	24 V	5.5	12	3	Clockwise Rotation	
Connections: <b>Plug 534 (30,31,50)</b>						

# MERCEDES

## STARTER parts

Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS1170</b>	24 V	4.0	9	3	Clockwise Rotation	
Connections: <b>Plug 505 (30,50)</b>						
<b>UNS1307</b>	24 V	6.2	11	3	Clockwise Rotation	
Connections: <b>Plug 515 (15a,30,50)</b>						
<b>UNS1307M</b>	24 V	6.2	11	3	Clockwise Rotation	
Connections: <b>Plug 515 (15a,30,50)</b>						
<b>UNS1440</b>	24 V	6.2	11	3	Clockwise Rotation	
Connections: <b>Plug 515 (15a,30,50)</b>						


# RENAULT

## STARTER parts

Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS535</b>	24 V	4.7	10	3	Clockwise Rotation	
<b>UNS1289</b>	12 V	6.6	12	3	Clockwise Rotation	
<b>UNS1312</b>	24 V	4.0	10	3	Clockwise Rotation	
<b>UNS1442</b>	24 V	6.5	11	3	Clockwise Rotation	
<b>UNS1728</b>	24 V	5.5	11	3	Clockwise Rotation	
<b>UNS1739</b>	24 V	5.5	1	3	Clockwise Rotation	
<b>UNS1740</b>	24 V	5.5	12	3	Clockwise Rotation	
<b>UNS1917</b>	24 V	5.0	10	3	Clockwise Rotation	

# STARTER parts

# RENAULT STARTER parts

Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS1972</b>	24 V	5.5	12	3	Clockwise Rotation	
Connections: Plug 503 (30,50)						

# SCANIA

## STARTER parts

Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS544</b>	24 V	5.5	12	3	Clockwise Rotation	
Connections: Plug 515 (15a,30,50)						
<b>UNS619</b>	24 V	6.6	11	3	Clockwise Rotation	
Connections: Plug 522 (30,31,50)						
<b>UNS703</b>	24 V	4.0	9	3	Clockwise Rotation	
Connections: Plug 503 (30,50)						
<b>UNS1108</b>	24 V	6.7	11	3	Clockwise Rotation	
Connections: Plug 504 (30,50)						
<b>UNS1110</b>	24 V	6.7	11	3	Clockwise Rotation	
Connections: Plug 503 (30,50)						
<b>UNS1680</b>	24 V	6.0	12	3	Clockwise Rotation	
Connections: Plug 504 (30,50)						


# VOLVO

## STARTER parts

Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS620</b>	24 V	5.4	12	3	Clockwise Rotation	
Connections: Plug 522 (30,31,50)						
<b>UNS675</b>	12 V	5.4	11	3	Clockwise Rotation	
Connections: Plug 522 (30,31,50)						
<b>UNS699</b>	24 V	4.0	9	3	Clockwise Rotation	
Connections: Plug 503 (30,50)						
<b>UNS1115</b>	24 V	6.6	12	3	Clockwise Rotation	
Connections: Plug 522 (30,31,50)						
<b>UNS1119</b>	24 V	4.0	12	3	Clockwise Rotation	
Connections: Plug 504 (30,50)						
<b>UNS1320</b>	24 V	4.0	11	3	Clockwise Rotation	
Connections: Plug 503 (30,50)						
<b>UNS1385</b>	24 V	4.5	11	3	Clockwise Rotation	
Connections: Plug 510 (30,50)						
<b>UNS1441</b>	24 V	5.5	12	3	Clockwise Rotation	
Connections: Plug 505 (30,50)						



# STARTER parts

# VOLVO STARTER parts

Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS1917</b>	24 V	5.0	10	3	Clockwise Rotation	
Connections: <b>Plug 505 (30,50)</b>						

# VOLVO FM

## STARTER parts

Part Number	Volts	KW	Teeth amount	Fixing holes	Rotation	Product images
<b>UNS1739</b>	24 V	5.5	11	3	Clockwise Rotation	
Connections: <b>Plug 513 (30,50)</b>						
<b>UNS1959</b>	24 V	5.5	12	3	Clockwise Rotation	
Connections: <b>Plug 505 (30,50)</b>						





# UNIVERSAL - Cross Reference

SUPPLIER		SUPPLIER		SUPPLIER		SUPPLIER		SUPPLIER		SUPPLIER	
Supplier Part Number	Universal Number	Supplier Part Number	Universal Number	Supplier Part Number	Universal Number	Supplier Part Number	Universal Number	Supplier Part Number	Universal Number	Supplier Part Number	Universal Number
4240	UNA492	859544	UNA824	4003446	UNA297	AELB426	UNS842	DRA0039	UNA2336	DRS0325	UNS1972
4258	UNA862	859866	UNA826	4930606	UNS1443	AELD021	UNS1173	DRA0363	UNA2469	DRS0392	UNS1917
4259	UNA897	859866Z	UNA826	859500PB	UNS1443			DRA0521	UNA2460	DRS0466	UNS1442
4282	UNA1392	860053	UNA826	OR8279	UNA297	<b>DELCO OE</b>		DRA0623	UNA2727	DRS0466	UNS1442
4389	UNA2312	A5524/46	UNA824			10459026	UNA297	DRA0718	UNA2766	DRS0539	UNS1959
4516	UNA2200	LNA55247	UNA824	<b>DAF</b>		10459261	UNA297	DRA0841	UNA2678	DRS0845	UNS1960
4517	UNA1500	LNA5524-7	UNA824	0365211R	UNS854	10461754	UNS1444	DRA0842	UNA2677	DRS0970	UNS535
4543	UNA1417	LNA7524	UNA826	0653721R	UNS852	10461756	UNS1444	DRA0943	UNA2676	DRS0980	UNS699
4549	UNA1523	MS1103	UNS638	1201327	UNS842	10479111	UNS1444	DRA0948	UNA2662	DRS1280	UNS703
4550	UNA1656	MS125	UNS638	1231051	UNS1118	10479119	UNS1444	DRA1079	UNA2679	DRS1290	UNS867
4606	UNA1358	MS1301P	UNS638	126246	UNS1109	10479164	UNS1444	DRA1209	UNA2755	DRS1330	UNS849
4621	UNA1359	MS1302A	UNS638	1284775	UNS1118	1077977	UNA297	DRA3376	UNA878	DRS1380	UNS852
4629	UNA506	MS1303A	UNS638	1287890	UNS1109	1100021	UNA297	DRA3527	UNA1343	DRS1570	UNS696
4656	UNA1523	MS1401	UNS638	1287890R	UNS1109	1100091	UNA297	DRA3553	UNA704	DRS3293	UNS1109
4657	UNA1656	MS1401A	UNS638	1317220	UNS1118	1100093	UNA297	DRA3596	UNA826	DRS3450	UNS619
4658	UNA1419	MS1402A	UNS638	1318615	UNS1118	1100211	UNA297	DRA3599	UNA824	DRS3518	UNS1443
4659	UNA1655	MS1403A	UNS638	1340895	UNS852	1100215	UNA297	DRA4370	UNA974	DRS3525	UNS121
4741	UNA1659			1346162	UNS1250	110077	UNA297	DRA6240	UNA978	DRS3527	UNS638
4742	UNA820	<b>CARGO</b>		1357210	UNS1118	1105474	UNA297	DRA7410	UNA969	DRS3675	UNS1440
4772	UNA493	110173	UNA826	1357211	UNS1118	1105475	UNA297	DRA7760	UNA839	DRS3720	UNS618
4782	UNA1626	110206	UNS696	1357212	UNS1118	1105476	UNA297	DRA7770	UNA895	DRS3828	UNS1120
4810	UNA493	110518	UNS849	1357212R	UNS1118	11139160	UNS1307	DRA9130	UNA240	DRS3897	UNS1222
4932	UNA2319	110527	UNS703	1357591	UNA969	1117897	UNA297	DRA9260	UNA459	DRS3898	UNS1119
4935	UNA1658	111267	UNA878	1368327	UNA1523	1117900	UNA297	DRA9490	UNA421	DRS4560	UNS854
4936	UNA1658	111569	UNA704	1368327R	UNA1523	1117900	UNA297	DRB0002	UNA1658	DRS4670	UNS1289
7932	UNA2319	111638	UNS699	1377860	UNA1656	19010108	UNA297	DRB0004	UNA1660	DRS4910	UNS675
8085	UNA704	111746	UNA459	1387381	UNS1173	1901011	UNA297	DRB0260	UNA1156	DRS5430	UNS620
8101	UNA2676	112076	UNA978	1387381R	UNS1173	19010111	UNA297	DRB1030	UNA2312	DRS7240	UNS1170
8232	UNA2754	112159	UNA895	1387383	UNS1173	19010182	UNA297	DRB1940	UNA1128	DRS7320	UNS1440
		112160	UNA297	1387383R	UNS1173	19010185	UNA297	DRB1960	UNA341	DRS7520	UNS842
	<b>BUTEC</b>	112345	UNA974	1387388	UNA1659	19010193	UNA297	DRB2350	UNA2337	DRS7760	UNS1108
850277	UNS121	113277	UNS1120	1400520	UNA1659	19010195	UNA297	DRB2360	UNA493	DRS7810	UNS1110
850277Z	UNS121	113609	UNS1307	1400520R	UNA1659	19010199	UNA297	DRB2370	UNA493	DRS8090	UNS1115
851082	UNS638	113675	UNS1308	1401948	UNA1660	19011192	UNA297	DRB2390	UNA492	DRS8090	UNS1441
851122	UNS638	113676	UNS1740	1443674	UNS1444	19011501	UNS1307M	DRB2580	UNA862	DRS8370	UNS1307
854477	UNA824	113830	UNS1441	1443674R	UNS1444	19011507	UNS1444	DRB2820	UNA1392	DRS8780	UNS1118
854494	UNA824	113859	UNS1680	1516677R	UNS1110	19011509	UNS1444	DRB3890	UNA2312	DRS8950	UNS861
854667	UNS121	114031	UNS1816	1604246	UNS1315	19011522	UNS1444	DRB5170	UNA1500	DRS8990	UNS1121
855567	UNA824	114323	UNS1917	1626130	UNA2319	19011523	UNS1444	DRB5430	UNA1417	DRS9000	UNS696
857594	UNA824	114508	UNA2727	1626130	UNA2319	19011527	UNS1444	DRB5490	UNA1523	DRT0070	UNS1125
857606	UNA824			1633811	UNS1721	19020376	UNA297	DRB6060	UNA1358	DRT1190	UNS1173
857612	UNA824	<b>CATERPILLAR</b>		1667205	UNS1315	19024013	UNS675	DRB6060	UNA2754	DRT1200	UNS1118
857621	UNA824	1077977	UNA297	1667425	UNS1671	19024049	UNS854	DRB6290	UNA506	DRT1480	UNS544
857621Z	UNA824	1322156	UNA297	1688625	UNS1671	19024077	UNS619	DRB6570	UNA1656	DRT1490	UNS1315
857626	UNA824			1688720	UNS1315	19024106	UNS854	DRB6580	UNA1419	DRT2250	UNS1680
857630	UNA824	<b>CAV</b>		1697321	UNA1656	19024180	UNS1115	DRB6590	UNA1655	DRT2260	UNS1671
857633	UNA824	S115A-24-21	UNS675	1725900	UNS1721	19024190	UNS1118	DRB7410	UNA1659	DRT2640	UNS1816
857645	UNA824			1735877	UNS1250	19025114	UNA421	DRB7820	UNA1626	DRZ0115	UNA297
857645Z	UNA824	<b>CUMMINIS</b>		1739935	UNS1315	19070031	UNS1118	DRB7870	UNA969		
858085	UNA824	3103305	UNS1444	1739935	UNS1671	19070032	UNS1118	DRB9320	UNA2319	<b>DENNIS</b>	
858373	UNS121	3103916	UNS1444	1739936	UNS1315	1984277	UNA297	DRS0022	UNS1954	659772	UNS1443
858442	UNS638	3104916	UNS1444	1826120	UNS1721	8200022	UNS1444	DRS0049	UNS1385	659772X	UNS1443
858451	UNS121	3251135	UNA824	249915	UNS852	8200032	UNS1444	DRS0058	UNS1740		
858506	UNS638	3251385	UNA824	289183	UNS1109	8200034	UNS1444	DRS0061	UNS1702	<b>DEUTZ</b>	
858506Z	UNS638	3256759	UNA824	365211	UNS854	8200039	UNS1444	DRS0062	UNS1709	1182315	UNS1972
858693	UNA824	3279007	UNA824	391617	UNS852	8200041	UNS1444	DRS0096	UNS1444	1182336	UNA2469
859327	UNA824	3283586	UNS1443	504640	UNS1250	8200221	UNS1444	DRS0100	UNS1307M	1182759	UNS1972
859327Z	UNA824	3332215	UNA824	511188	UNS852	8300018	UNS1444	DRS0109	UNS1441	1182764	UNA2469
859385	UNA824	3920617	UNA297	511188	UNS852			DRS0124	UNS1728	1183126	UNA2469
859446	UNA824	3920618	UNA297	653721	UNS852	<b>DELCO REMY</b>		DRS0125	UNS1739	1183286	UNS1972
859447	UNA824	4000590	UNA297	653721	UNS852	19024274	UNS703	DRS0153	UNS1856	566501100	UNA2469



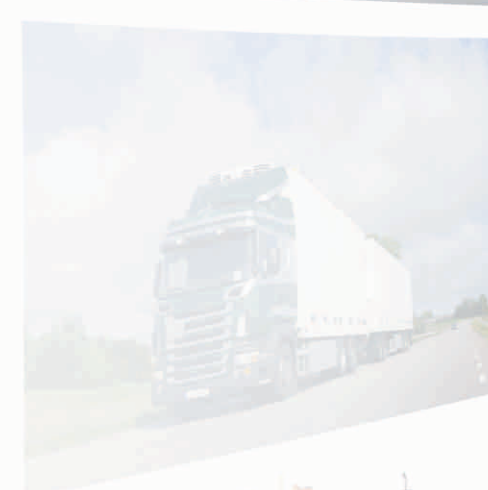
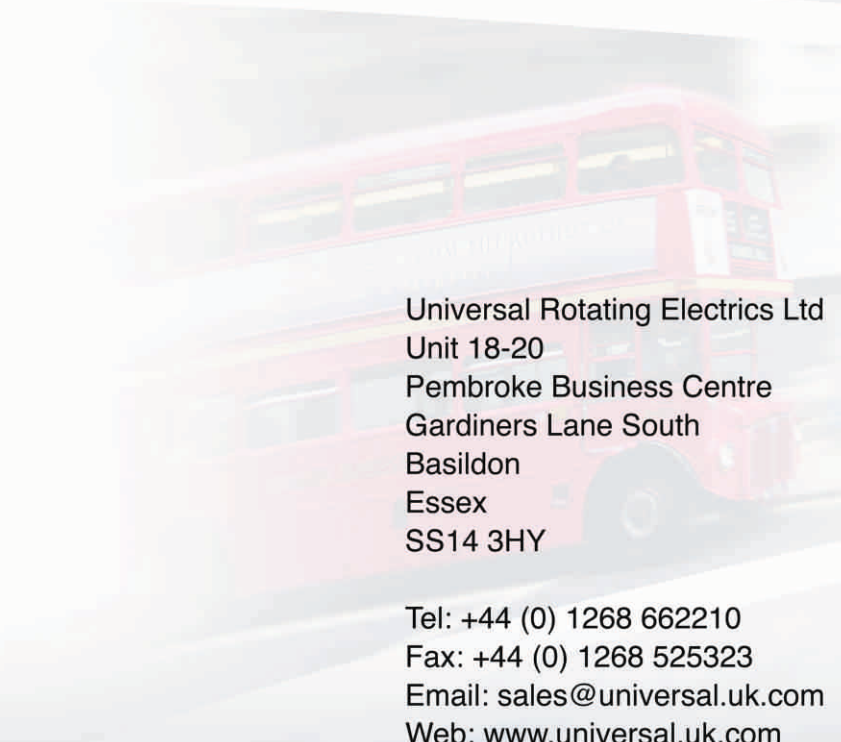




# UNIVERSAL - Cross Reference

SUPPLIER		SUPPLIER		SUPPLIER	
Supplier Part Number	Universal Number	Supplier Part Number	Universal Number	Supplier Part Number	Universal Number
21429791	UNA2676	18113N	UNS696	STR22017	UNS696
21632125	UNS1959	18364N	UNS1170	STR22025	UNS619
21632127	UNS1959	18960N	UNS1960	STR22028	UNS1109
21632133	UNS1959	32471N	UNS861	STR22033	UNS854
3803639	UNA506	30095N	UNS842	STR22034	UNS842
3964839	UNS1115	30104N	UNS1121	STR22055	UNS699
3978044	UNS1320	30107N	UNS1118	STR22055AN	UNS1385
3978710	UNS1119	30123N	UNS1174	STR22072	UNS867
420760	UNS1385	30125N	UNS1250	STR22074	UNS1320
420780	UNS675	30126N	UNS618	STR22084	UNS618
465604	UNS699	30127N	UNS1312	STR22086	UNS1108
465930	UNS675	30128N	UNS1125	STR22087	UNS852
466772	UNS699	30130N	UNS1315	STR22098	UNS1119
477049	UNS620	30152N	UNS696	STR22101	UNS1121
4881598	UNS699	30740N	UNS1728	STR22103	UNS1120
5001680	UNS675	30964N	UNS852	STR22104	UNS1312
5001784	UNS699	31029N	UNS1173	STR22124	UNS1173
5003009	UNS699	31501N	UNS1671	STR2381	UNS675
5003028	UNS675	32958N	UNS1222	STR32001	UNS121
5003312	UNS620	33187N	UNA1400	STR32003	UNS638
6226486	UNS703	33311N	UNS1739	STR50002	UNS1125
7240340	UNS675			STR50013	UNS1250
8113165	UNS1115	<b>WOOD AUTO</b>		STR50068	UNS1174
8113230	UNS1119	ALT0107	UNA240	STR50084	UNS1118
8113860	UNS1385	ALT0112	UNA2337	STR50105	UNS1170
8156816	UNA1343	ALT10198	UNA1392	STR50136	UNS1115
8156817	UNA459	ALT10199	UNA341	STR50142	UNS1110
8192262	UNS1385	ALT10299	UNA1656	STR50144	UNS1444
8192965	UNS1119	ALT10300	UNA1417	STR50208	UNS852
85000087	UNS1441	ALT10301	UNA1660	STR50272	UNS544
85000148	UNS1739	ALT10304	UNA1655	STR50282	UNS1709
85000446	UNS1320	ALT10306	UNA1658	STR50326	UNS1878
85000447	UNS1119	ALT10340	UNA820	STR50413	UNS1816
85000626	UNA506	ALT10342	UNA506	STR50418	UNS1702
85000749	UNS1972	ALT10459	UNA1359	STR50443	UNS1315
85000750	UNS1917	ALT10509	UNA1358	STR50493	UNS1721
85000937	UNS1739	ALT10544	UNA421	STR50495	UNS1440
85003257	UNA2469	ALT10587	UNA2319	STR50496	UNS1307
85006148	UNS1739	ALT10598	UNA862	STR50497	UNS1856
85013134	UNS1739	ALT10604	UNA2676	STR51040	UNS1444
		ALT14387	UNA2766	STR60637	UNS867
	<b>WAI GLOBAL</b>	ALT20038	UNA2200	STR70278	UNS1222
12293N	UNA974	ALT20047	UNA1500	STR71067	UNS1441
12387N	UNA492	ALT20052	UNA1659	STR71072	UNS1739
12387N	UNA493	ALT20053	UNA897	STR71075	UNS1442
12388N	UNA2312	ALT26001	UNA1128	STR71119	UNS1954
12428N	UNA704	ALT31127	UNA2460	STR71172	UNS1307M
12493N	UNA1658	ALT31288	UNA2469	STR71194	UNS1728
12571N	UNA839	ALT31289	UNA2678	STR71195	UNS1740
12585N	UNA895	ALT31303	UNA2727	STR71227	UNS1959
12589N	UNA1523	ALT32007	UNA824	STR71234	UNS1972
12590N	UNA1500	ALT32013	UNA824	STR72046	UNS1960
12591N	UNA2200	ALT32023	UNA826	STR72067	UNS1308
12594N	UNA1417	ALT40001	UNA297	STR7902	UNS1289
12596N	UNA459	ALT40003	UNA297	STR80029	UNS1444
12599N	UNA506	ALT41005	UNA824	STR80332	UNS1680
12706N	UNA421	MITM8T62471	UNS1917	STR81001	UNS1443
12709N	UNA421	STR20057	UNS861	STR81029	UNS1443
12811N	UNA1660	STR22001	UNS535		
17320N	UNS703	STR22009	UNS703		
18033N	UNS849	STR22010	UNS849		





Universal Rotating Electrics Ltd  
Unit 18-20  
Pembroke Business Centre  
Gardiners Lane South  
Basildon  
Essex  
SS14 3HY

Tel: +44 (0) 1268 662210  
Fax: +44 (0) 1268 525323  
Email: [sales@universal.uk.com](mailto:sales@universal.uk.com)  
Web: [www.universal.uk.com](http://www.universal.uk.com)