



SPARE PARTS CATALOGUE

CD-ROM 'ELCAT' 1/2004 10.07.2008

16 S 251

ZF parts list no.: 1316 057 023

customer: RVI

Z F F R I E D R I C H S H A F E N A G

parts list: 1316 057 023 16 S 251 / SG*LL*ANGEFL*DW-WL H-H / RVI

item	text
A10	CUSTOMER:RVI COUNTRY:F
A14	CODE: CUST.SPEC.NO: TYPE NO:
A16	5010452382
F06	INSTAL.POSITION:HOR. LH *FLANGE MOUNTED*
F10	RATIO: 13,80- 0,84 *SG G13,80* 9,49* 6,53* 4,57* 3,02* 2,08* G 1,43* 1,00* R12,92 S11,54* 7,93* 5,46* 3,82* 2,53* 1,74* S 1,20* 0,84* R10,80 RATIO SERIES-BASIS:DG
F26	PLANET GEAR SET:I= 4,565* 5 GEAR HELICAL GEAR
F34	CONTROL:REMOTE CONTROL*HORIZONTAL LH *H-H GP:PLASTIC FORMED PIPING
F38	SEPARAT.CLUTCH: SYNCHRONIZED 1-4 GEAR BK-SYNCHR.
F40	INPUT SHAFT : L=109,0*SAE 10C 2 INCH JOURNAL:D=25 F7*SHAFT:D=50,30*BUSH:WITHOUT SHAFT:L=395,50 *SPLINE:L=120,000* BEARING CONSTANT I:GL *D= 99,916H5 SPIGOT BEARING:TAPER ROLLER
F46	REL.BRG.CARRIER:L=- 24,0 D= 60,000 F8
F50	OUTPUT :STANDARD BEARINGS
F52	OUTP.FLANGE RA:OD=180 *NH= 4 *D=15,0 L=227,5
F60	MOUNTING FACE HOUSING II:WITHOUT
F64	CONN.OF GEARSHIFT:
F66	CONTROL SHAFT DIMENSION:A=288,0*
F68	MEAS.POINT: SHIFTLIVER-LOCATION *
F74	SHIFT LEVER:R1=100*CRANKED TO OUTSIDE
F80	CONTR.CONNECTION:POS. C *
F94	G.SHIFT LEVER ANGLE:EP= 15TO 20DEG
F96	SET OF SPRINGS:LAYOUT Q1 *
F98	PAWL STOP: SPRING FORCE RG=120N
G00	RESISTANCE DETENT:SPRING HF= 160N DETENT LEVER LAYOUT:VERSION=
G02	SPRING*WF- 50N
G06	GEAR DETENT:SPRING FORCE NG+GG = 168N
G08	DETENT NG: SPRING FORCE= 200N
G16	SELECTION PATTERN:WI
G30	SWITCH: RG*CLOSING *G.SHIFT SHAFT PROTECTING CAP:WITH *BAYONET
G32	SWITCH: NG*OPENING * PROTECTING CAP:WITH *BAYONET
G36	SWITCH: GP*OPENING * PROTECTING CAP:WITH *BAYONET
G38	SWITCH: HG *OPENING * PROTECTING CAP:WITH *BAYONET
G50	AUXILIARY UNITS:
G56	SWITCH: GV*OPENING * PROTECTING CAP:WITH *BAYONET
G60	AUXILIARY UNITS/ACCESSORIES

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item	text
G64	HEAT EXCHANGER:FRONT LEFT PREP*
G66	G.BOX VENTING:PIPE *L= 2,20M
	POS:FRONT
G76	CLUTCH HOUSING:SAE 1 * INTEGR
	RELEASE: WITH
	CYL: * *L=
	HOLDING FIXTURE D= *SUSPENSION:
	SENSOR: * ASSEMBLY: 6
H50	ELECTRONIC:
H68	PULSE TRANSMITTER TACHO:IMP/U 6,00
	TRANSMIT:WITHOUT*PROTECT.CAP:WITHOUT
H70	PULSE TRANSMITTER TACHO:IMP/U 6,00 *
	TRANSMITTER:WITHOUT*PROTECTING CAP:WITHOUT
	POS: 1*INSTALL.DRAWING
M00	DRAWING:
M02	INSTALLATION: 1316 600 066
M16	SECTION: 1316 057 002
M18	SECTION: 1316 172 003(0)
M28	SECTION: 1315 192 100
M50	ASSEMBLY INSTRUCTIONS:
M58	ASSEMBLY:OIL FILL+OVERFLOW *HOUSING LEFT+RIGHT
M82	ASSEMBLY:SHUT-OFF VALVE *F *THROTTLE:D=1,55
M90	OIL CAPACITY: AP. 13,50L
M92	OIL GRADE ACC.TO ZF:TE-ML02
M94	MASS : APPRX. 330,0 KG
M96	PAINT :DEEP-BLACK *RAL9005 ZFN915W
M98	PRESERVATION : KA1+2 /KI2/ *ZFN 916
Q50	QUALITY INSTRUCTION:
Q52	TESTING:GAERBOX KPL/INTARDER 1Q49 154 847
S02	VEHICLE DATA 1:
S04	MODEL:TRUCK *KERAX 385.34 6X 6
S06	MAX. G.V.M. 34T*MAX. G.C.M. 100T
S08	R DYN: 522*V MAX: APPRX. 80KM/H
S10	RA: I= 5,79*
S14	RVI /MIDR062356A*KW280/2000*N.M1730/1200
S18	CLUTCH: VALEO *430DTE

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figure	part no.	description	technical information
068.01.03	1316 101 103	GEARBOX HOUSING	DG/SG-KK*W I *FL.OHNE
068.01.52	1316 101 950	GEARBOX HOUSING	DG/SG-KK*16S251*ENTL*ROHR
068.02.02	1316 102 033	INPUT SHAFT	SG-KK*16S221/251 *L109 *GL100*ZAPF.25
068.02.55	1315 102 436	CONN.PLATE	L-24*D60F8 *AUSR-WELLE *GETR*2-SK*A-PKT
068.02.KB	1315 102 811	INPUT SHAFT	A-PLATTE GETR*GEH.6KT-SCHR
068.03.01	1316 103 010	LAYSHAFT	SG-KK*16S251 *P900LAGER
068.03.81	1316 103 803	LAYSHAFT	PUMPE GETR*GEH.1 6KT-SCHR
068.04.14	1316 104 041	MAIN SHAFT	16S251*SG-KK+DG*NEUES K.K *GP-SV VERST*1+
068.04.KB	1315 104 804	MAIN SHAFT	GP GV+SV*EINSTELLUNG GV *RING
068.06.01	1316 106 008	GEARSHIFT SYST.	WL*W I*
068.06.KB	1315 106 419	CONN.PARTS	W I*RG-VERSCHL*1G-VERSCHL. *ADAP.HG-OEFF
068.06.KB	1315 106 800	GEARSHIFT SYST.	GLEITSTEINE 1-4GANG *SCHALTSCHIENE VERST
068.07.05	1316 107 035	G.SHIFT HOUSING	WL*W I*RAENDEL
068.07.KB	1315 107 845	G.SHIFT HOUSING	WL*H-H*SCHUTZKAPPE *R=100*A33*FYO*O.SCH
068.07.KB	1316 107 434	G.SHIFT SHAFT	W I*H-H*HASV 2-ST*D=1,55 *RASTE 200N*NG-BU
068.07.KB	1316 107 005	CONN.PARTS	RG-RASTE SEPARAT*120N
068.08.06	1316 170 031	COVER	WL*H-H *VM
068.08.KB	1316 170 001	SHIFT TURRET	WL
068.08.KB	1316 170 808	COVER	WL*AUSL+GEH*H-H*HF160N
068.08.KB	1316 170 442	CONN.PARTS	WL*NG-OEFF*RG-SCHL*168N *BAJONETT
068.12.01	1316 149 007	SET OF SPRINGS	WL/WR*Q1 *WF 50
068.40.02	1316 112 007	GV-SHIFT SYSTEM	235N*GV-LAG.GEH.1
068.40.KB	1315 112 422	CONN.PARTS	SG*GV-OEFF*BAJONETT
068.43.04	1315 131 051	GP HOUSING	16S251*SOLO*ET *OHNE GP-LUFTKANAL
068.43.21	1315 131 047	COVER	ABTR*L=52*GDAL *ECO II/III
068.43.KB	1315 131 401	CONN.PARTS	E-TACHO-VORB*MECH.TACHO
068.43.KB	1315 131 400	CLOSING COMPON.	NA-OEFFNUNG
068.43.KB	1315 131 809	GP HOUSING	16S251
068.44.08	1316 132 011	PLANETARY DRIVE	4,565*16S251HD *GP-SV
068.44.41	1316 132 400	PLANETARY DRIVE	180*LZ= 4*D=15,0*L=211,5
068.45.05	1316 133 009	SYNCHRONIZER	MOLYB*FL-PROFIL 90*E/Z6-V *GP-SV*16S251
068.45.KB	1315 133 403	SYNCHRONIZER	MOLYBDAEN*FL-PROFIL 80 *SV-GP PROFIL 90
068.46.03	1316 134 018	GP SHIFT SYSTEM	16S251*ZYL*LUFTKANAL *GP-ANZEIGENUT
068.46.KB	1315 134 412	CONN.PARTS	145N*GP-OEFF*BAJONETT *GV-LAG
068.57.04	1316 145 003	RANGE SELECTION	16S251*VORGEFORMTE ROHRE
068.93.05	1315 168 016	CL.RELEASE DEV.	AUSR-WELLE*SW=134*2-SK *MAN