



Spare Parts Catalog

16 S 2230 TO

Material number: 1356.080.019

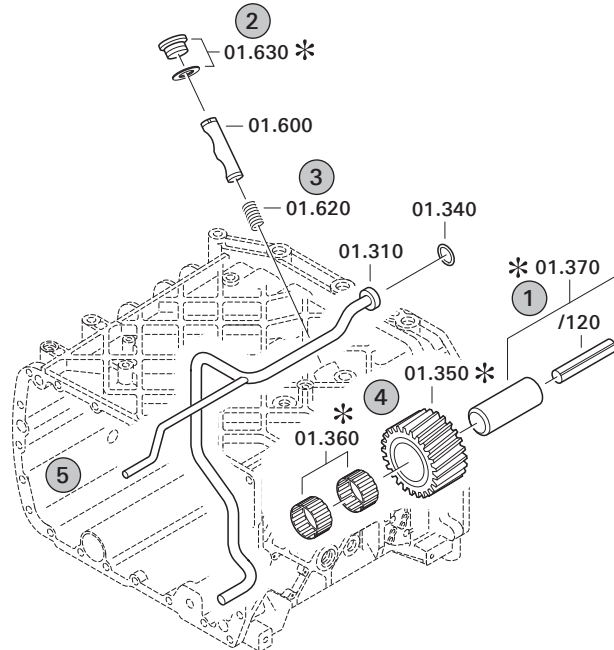
Current date: 18.11.2014

Notes relating to the spare parts catalog

Setup of the spare parts catalog

- Cover sheet
- Technical Cover (only in SDM print)
- Overview of figures
- Figure
- Associated parts list
- Next figure
- Associated parts list
- ...

Figure and parts list



Overview of figures

Bildtafel Figure	Sachnummer Product number	Benennung (Description)	Technische Info Technical info	Description (Benennung)	Menge Quantity	Einheit Unit
068.08.17	1316.170.001	AUSLEGER	WL	SHIFT TURRET	1	Stk
068.08.06	1316.170.031	DECKEL	WL*H-H*VM	COVER	1	Stk
068.08.14	1316.170.808	DECKEL	WL*AUSL+GEH*H-H*HF160N	COVER	1	Stk
08	1316.170.441	ANSCHLUSSTEILE	WL*NG-VORB*RG-SCHL*168N*BAJONETT	CONNECTING PARTS	1	Stk

The "gap" indicates that there is no separate graphics panel (poster) for this assembly
The parts of this assembly are shown with the same mid-section number on the figure

1 Positions and subpositions

Pos.	Sachnummer Product number	Benennung (Description)	Technische Info Technical info	Description (Benennung)	Menge Quantity	Einheit Unit
0370	1315.201.054	RUECKLAUFBOLZEN	KPL.16S151*SG*L= 79	REV.IDLER SHAFT	1	Stk
/0120	0631.329.293	SPANNSTIFT		SLOT. PIN	1	Stk

Positions marked with "/" are the individual items of a completion
For example: Position 0370 contains a centering pin with the position /0120

2 Combinations with standardized parts

Pos.	Sachnummer Product number	Benennung (Description)	Technische Info Technical info	Description (Benennung)	Menge Quantity	Einheit Unit
0630		VERSCHL.SCHR.		SCREW PLUG	1	Stk
	0636.302.067	VERSCHL.SCHR.		SCREW PLUG	1	Stk
	0634.801.249	DICHTRING	A 26 X 31	SEALING RING	1	Stk

The parts list shows the components included in the combination of standardized parts

3 Depiction of position/item number on the figure and in the parts list

01.620 - on the figure 01 relates to the assembly in which the position is included. Due to program-related reasons, it is shown on the figure.

0620 - in the parts list

Pos.	Sachnummer Product number	Benennung (Description)	Technische Info Technical info	Description (Benennung)	Menge Quantity	Einheit Unit
0620	0732.040.736	DRUCKFEDER		COMPRESSION SPRING	1	Stk

4 *-Positions

Positions marked with an * are optional i.e. inclusion in the parts list is not mandatory.
The following note is shown on the figure

je nach Stücklistenausführung
depending on spec. number
*
suivant la nomenclature
secondo la distinta base

5 Parts, dotted display

Parts with dotted display on the figure are only used for orientation of other parts

Assembly group overview

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Material number: 1356.080.019



16 S 2230 TO /

Graphics	Pos.	Material number	Name	Quantity	Amend. no.	Techn. Info.
063.95.02-1	12	6007.101.493	CONNECTING PARTS	1		
	988	1356.177.011	ACCESSORIES	1		
	910	1356.002.114	16 S 2530 TO	1		

Plant

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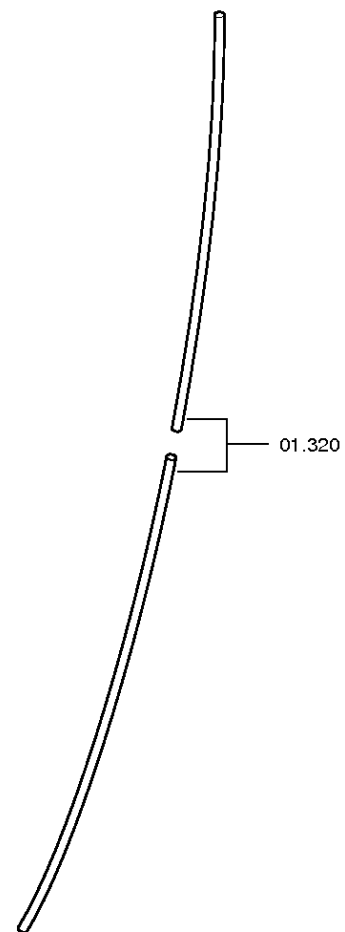
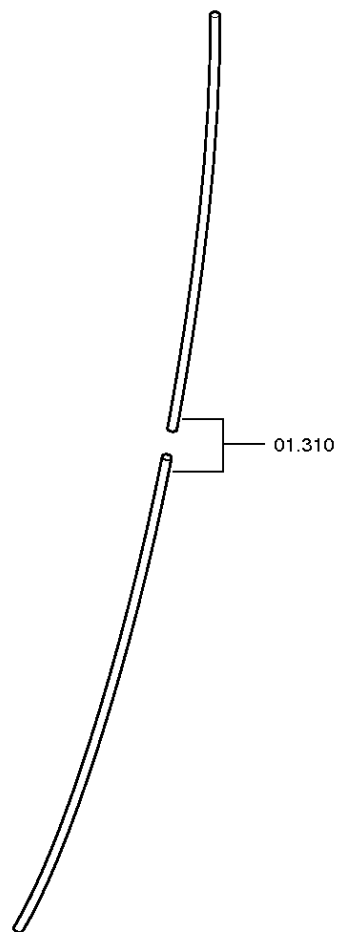
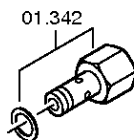
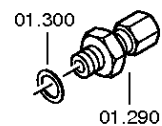
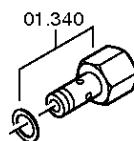
Material number: 1356.080.019

Plant: 063.95.02-1

Material-assembly-group-no: 6007.101.493



16 S 2230 TO /
CONNECTING PARTS



Parts list

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Material number: 1356.080.019

Plant: 063.95.02-1

Material-assembly-group-no: 6007.101.493

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
290	0637.100.762		PIPE UNION	1		Z00015226610			
300	0634.801.152	01536	SEALING RING	1			10X13,5		

Parts list

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Material number: 1356.080.019

Material-assembly-group-no: 1356.177.011



16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	6005.300.628		SHIFT LEVER	1			KUNDE CNHTC U606		
20	---		BOLT+NUT	1			M10X65		
---	0636.100.713		HEXAGON SCREW	1		Z00007890810	M10X65		
---	0637.100.419		HEXAGON NUT	1		Z00007892710	M10		
30	1297.307.326		SELECTOR LEVER	1			R65		
40	---		BOLT+NUT	1			M10X50		
---	0636.011.756	1880758	HEXAGON SCREW	1			M10X50		
---	0637.100.419		HEXAGON NUT	1		Z00007892710	M10		
200	---		TYPE PLATE	1			KONZERN		
---	0730.365.241		TYPE PLATE	1			EINHEITSSCH. VERDREHSICHER		
---	0730.365.259		TYPE PLATE	1			EINHEITSSCH.VERDREHSICHER BRASILIAN		
---	0730.365.267		TYPE PLATE	1			CHINA		
---	0730.300.258		TYPE PLATE	1			EINHEITSSCH.VERDREHSICHER		
---	0730.365.271		TYPE PLATE	1			RUSSLAND/ KYRILLISCH		
---	0730.365.257		TYPE PLATE	1			S.S.CH IRAN		
---	0730.365.800		TYPE PLATE	1		Z00015972510			
---	0730.302.754		TYPE PLATE	1			AUSFUEHRUNG UNIVERSAL		
210	0731.300.027		BLIND RIVET	4					
230	---		UNION SCREW	1					
---	0737.300.028		UNION SCREW	1					
---	0634.801.331	100CP4955	SEALING RING	1			12X18		
240	0501.396.746		TAG	1					



Pos.	Information	Amendment number
001	Use case -----	
002	Customer ZF Drivotech Co., Ltd.	
003	City Hangzhou, Zhejiang	
004	DUNS 54-526-6199	
005	Use case -----	
006	Customer China National Heavy Duty Truck	
007	City Jinan	
008	DUNS 65-389-6704	
009	Product description -----	
010	INSTALLATION POS TRANSMISSION HORIZONTAL LEFT	
011	TRANSMISSION ATTACHMENT FLANGE-MOUNTED	
017	NUMBER OF GEARS 16	
018	RATIO, BOTTOM GEAR 13.8	
019	RATIO, TOP GEAR .84	
020	SET OF RATIOS SG	
021	NOTE ON TYPE OF GEAR SHIFT SYS TURNING SHAFT	
022	POSITION, GEAR SHIFT SYSTEM HORIZONTAL LEFT	
023	DESIGN, SHIFT PATTERN H-H	
024	VERSION SHIFT SUPPORT SERVO	
025	VERSION ACTUATION SHIFT SYSTEM CONTROL CABLE	
027	DESIGN PSE PSE2	
028	DESIGN PSE WITH VALVE PRESSURE RELIEF VALVE 6	
030	MAIN CUTOFF VALVE WITH	
031	NO. TAPPETS MAIN CUTOFF VALVE 2	
032	POS. AIR CON MAIN CUTOFF VALVE F	
034	DESIGN AIR SHUT-OFF GV-VALVE	
035	DIA.THROTTLE VALVE AIR SUPPLY 1.3 mm	
036	SELECTION PATTERN VARIANT GEAR SHIFT PATTERN 1	
037	VERSION OF SYNCHRONIZER 1 1+2 GEAR BK-SYNCHR.MOLYBDAEN	
038	VERSION OF SYNCHRONIZER 2 3+4 GEAR BK-SYNCHR.MOLYBDAEN	
039	REFERENCE LENGTH INPUT SHAFT 117 mm	
040	STANDARD TYPE INPUT SHAFT SAE	
041	NUMBER OF WEDGES INPUT SHAFT 10	



Pos.	Information	Amendment number
042	VERSION OF INPUT SHAFT FORM C	
043	NOMINAL DIAMETER INPUT SHAFT 2 in	
044	DIAMETER, JOURNAL, INPUT SHAFT 25 mm	
045	TYPE FIT SPIGOTS INPUT SHAFT F7	
046	VER. BEAR. SPIGOTS INPUT SHAFT TAPER ROLLER	
049	DESIGN,CONN., CLUTCH HOUSING SAE 1	
050	CENTR.DIA,HSG/ENGINE CONNECT. 511.175 mm	
051	NUMBER OF BORES,ENGINE CONN. 12	
052	BORE DIA, ENGINE CONNECTION 11 mm	
053	DESIGN, RELEASE SHAFT	
054	WIDTH ACROSS FLATS,RELEAS.FORK 94 mm	
057	REF.LENGTH,RELEASE BEAR.FLAN -24.2 mm	
058	DIAMETER, RELEASE FLANGE 62.62 mm	
059	DESIGN RELEASE CYLINDER WITHOUT GROOVE	
060	OUTER DIA. OUTPUT FLANGE RA 180 mm	
062	NO.OF SCREWS OUTPUT FLANGE RA 4	
064	DIA. THREAD OUTPUT FL. SCR. RA M14	
065	THREAD PITCH OUTPUT FL SCR. RA 1.5 mm	
066	THREAD LENGTH OUTP.FL SCREW RA 50 mm	
068	DIMENSION SHIFT TURRET DIST. 300 mm	
069	MEAS. LOC. SHIFT TURRET DIST. SHIFT LEVER-LOCATION	
070	SELECTOR LEVER n	
075	SHIFT LEVER n	
079	SHIFT LEVER CONNECTION KNURLING	
086	SPRING ARRANGEMENT Q1	
087	SPRING FORCE DETENT PLUNGER RG 60 N	
090	SELECTOR SPRING FORCE, OUTSIDE 80 N	
092	HUMP SPRING FORCE, OUTSIDE 120 N	
093	HUMP SPRING FORCE, CENTRE 70 N	
095	SPRING FORCE OUTS. DETENT NEUT 200 N	
097	ALLOCATION DETENT LEVER VER. C	
098	SWITCH, REVERSE GEAR y	
099	DESIGN, RG (REV.GEAR) SWITCH CLOSING	



Pos.	Information	Amendment number
100	DESIGN, CONNECTION, RG SWITCH DIN BAYONET	
101	CODE SWITCH RG A1	
102	PROT.CAP SWITCH, REVERSE GEAR y	
103	SWITCH, NEUTRAL GEAR y	
104	DESIGN,NG(NEUTRAL GEAR)SWITCH OPENING SWITCH	
105	DESIGN, CONNECTION, NG SWITCH DIN BAYONET	
106	CODE SWITCH NG A1	
107	PROT.CAP SWITCH, NEUTRAL GEAR y	
108	PRESSURE SWITCH n	
113	RG-GATE-IDENTIFICATION SWITCH n	
118	SWITCH RG-ENGAGED n	
123	SWITCH GP y	
124	DESIGN, GP SWITCH CLOSING	
125	DESIGN, CONNECTION, GP SWITCH DIN BAYONET	
126	CODE SWITCH GP A1	
127	PROTECTING CAP GP SWITCH y	
128	SWITCH GP-END POSITION n	
133	SWITCH GV n	
138	SWITCH HG n	
143	SWITCH 1 GEAR n	
148	ATTACHM.POS.HEAT EXCHANGER IN FRONT RIGHT	
149	DES.CONN.HEAT EXCHANGER PREPARED	
150	VER. TRANSMISSION VENTILATION BREATHER	
157	PULSE SENSOR TRANSMISSION WITH	
158	PULSE RATE PULSE SENS GEARBOX 6 IMP/U	
159	PROT.CAP PULSE SENSOR GEARBOX y	
160	DES.CONN.PULSE SENSOR GEARBOX DIN BAYONET	
161	DESIGN PULSE SENSOR GEARBOX KITAS II	
164	PROT.CAP PULSE SENSOR INTARDER	
167	OIL CAPACITY, GEARBOX 15.5 dm3	
169	OIL GRADE PERMISSIBLE ACC. TO TE-ML02	
170	OIL CLASS FIRST FILLING E	
171	CODING OUTER CONSERVATION KA2	

Technical Cover

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Material number: 1356.002.114



16 S 2530 TO /

Pos.	Information	Amendment number
173	CODING INNER CONSERVATION KI1	
174	CONSERVATION SPECIFICATION ZFN 916	
175	COLOR JET BLACK	
176	COLOUR CLASSIFICATION ACC. TO RAL 9005	
177	PAINTING, ZF STANDARD 915 W	

Assembly group overview

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Material number: 1356.002.114

16 S 2230 TO /

Graphics	Pos.	Material number	Name	Quantity	Amend. no.	Techn. Info.
161.01.09-1	110	1356.101.004	TRANSMISSION HOUSING	1		
161.01.81-1	180	1325.101.810	CLUTCH HOUSING	1		
161.02.05-1	10	1356.102.009	INPUT SHAFT	1		
161.02.80-1	240	1325.102.802	CONNECTION PLATE	1		
161.02.01-1	910	1325.102.018	CONNECTION PLATE	1		
161.03.02-1	20	1356.103.002	COUNTERSHAFT	1		
161.04.12-1	30	1356.104.016	MAIN SHAFT	1		
161.05.01-1	130	1325.105.001	RETURN	1		
161.06.04-1	40	1356.106.001	TRANSMISSION SHIFT SYSTEM	1		
161.06.02-1	44	1325.106.803	TRANSMISSION SHIFT SYSTEM	1		
068.07.81-1	460	1316.108.817	GEAR SHIFT HOUSING	1		
068.07.38-1	910	1316.108.075	GEAR SHIFT HOUSING	1		
068.07.25-1	914	1316.108.459	GEARSHIFT SHAFT	1		
068.07.75-1	924	1316.108.070	DETENT	1		
062.08.30-1	954	1316.171.403	END COVER	1		
068.08.45-1	960	1316.171.430	PNEUMATIC SERVO UNIT	1		
068.09.01-1	934	1316.109.023	CONNECTING PARTS	1		
068.09.11-1	940	1316.109.433	CONNECTING PARTS	1		
161.10.04-1	200	1356.110.002	OIL SUPPLY	1		
161.10.01-1	920	1325.110.005	PUMP	1		
068.10.02-1	932	1316.111.004	SELECTOR LEVER	1		
068.10.04-1	466	1341.111.803	SELECTOR LEVER	1		
068.12.08-1	918	1316.149.467	SET OF SPRINGS	1		
161.28.01-1	370	1325.128.806	PLANETARY RANGE	1		
161.40.01-1	50	1356.112.001	GV-SHIFT SYSTEM	1		
161.40.80-1	340	1325.112.812	GV-SHIFT SYSTEM	1		
161.43.01-1	40	1325.131.009	RC HOUSING	1		
161.43.40-1	50	1325.131.400	CLOSING COMPONENTS	1		
161.44.01-1	10	1325.132.003	PLANETARY DRIVE	1		
161.44.41-1	60	1325.132.408	OUTPUT FLANGE	1		
161.45.01-1	20	1325.133.004	SYNCHRONIZER	1		
161.46.01-1	30	1325.134.006	GP SHIFT SYSTEM	1		

Assembly group overview

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Material number: 1356.002.114



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Graphics	Pos.	Material number	Name	Quantity	Amend. no.	Techn. Info.
161.46.40-1	400	1325.134.404	SWITCH	1		
161.57.04-1	510	1325.145.004	RANGE SELECTION	1		
161.70.01-1	480	1356.170.003	SHUT-OFF VALVE	1		
161.90.08	320	1325.147.009	SCREW PLUG	1		
161.93.76-1	260	1325.168.008	CLUTCH RELEASE DEVICE	1		
161.93.17-1	262	1315.301.230	PROTECTION CAP	1		

Plant

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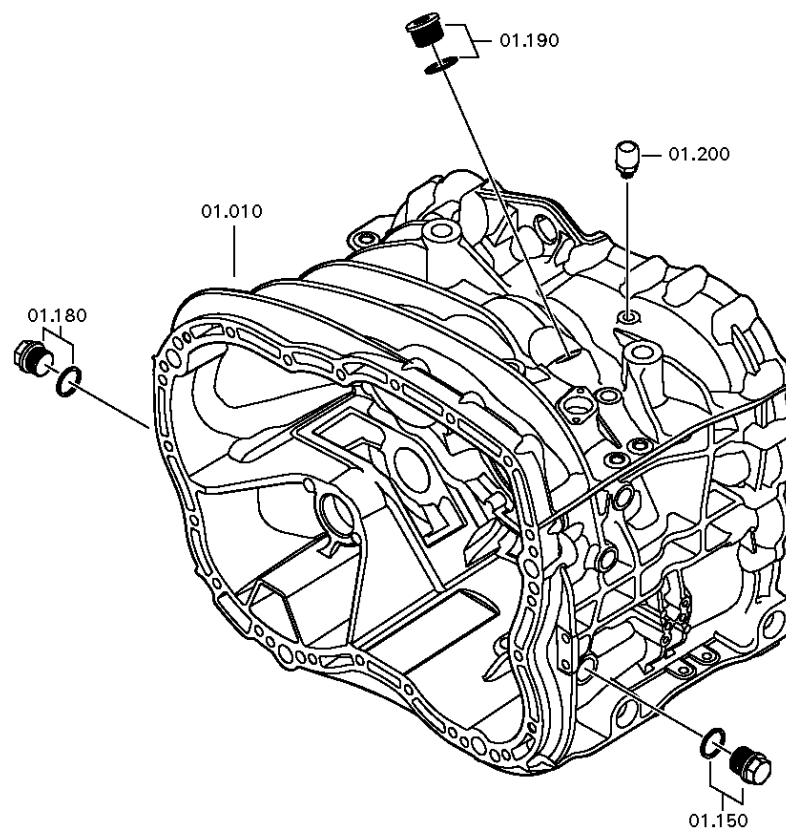
Material number: 1356.002.114

Plant: 161.01.09-1

TRANSMISSION HOUSING



16 S 2230 TO /
TRANSMISSION HOUSING



Plant

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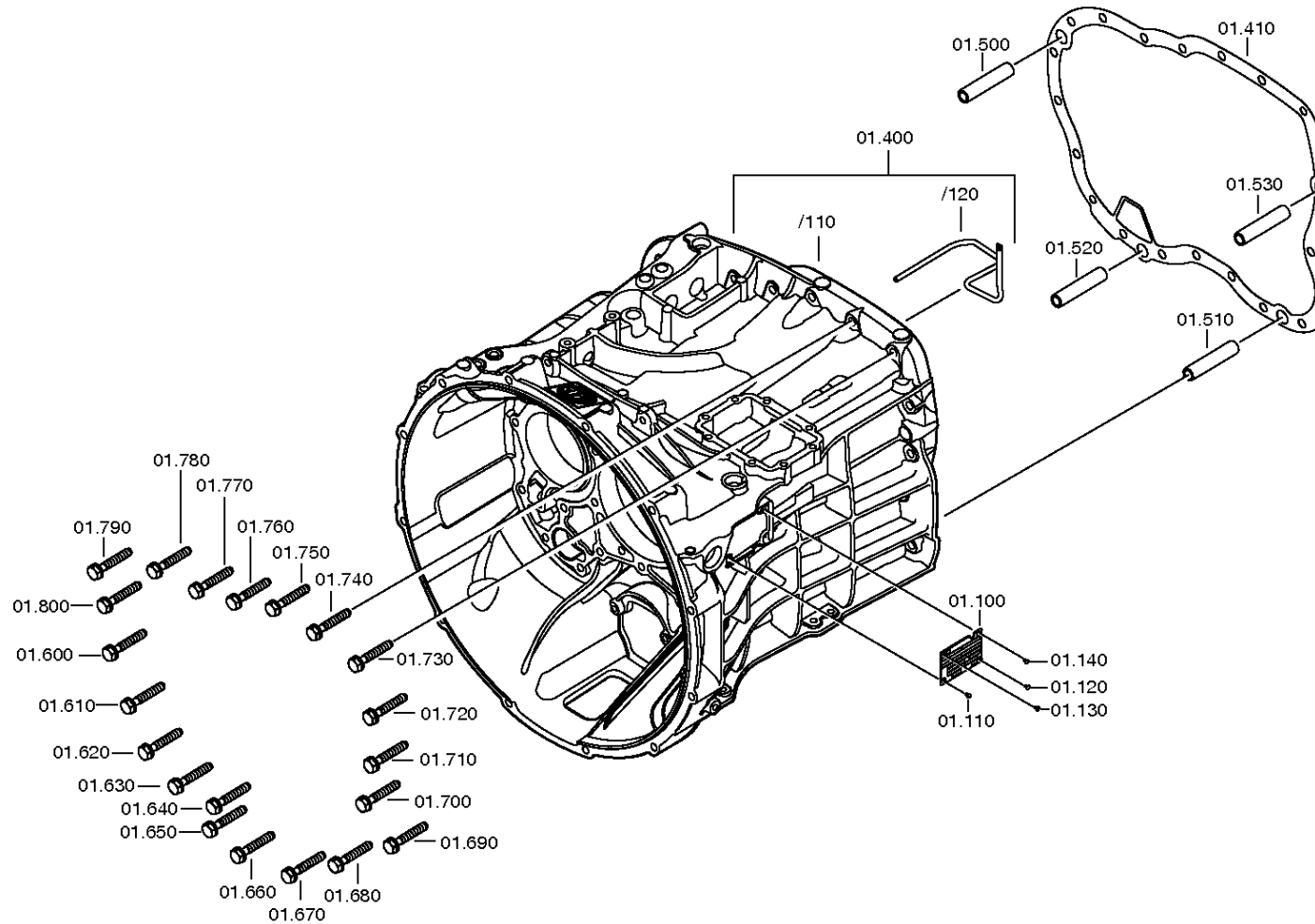
Material number: 1356.002.114

Plant: 161.01.81-1

TRANSMISSION HOUSING



16 S 2230 TO /
TRANSMISSION HOUSING



Parts list

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Material number: 1356.002.114

Plant: 161.01.09-1

Material-assembly-group-no: 1356.101.004

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	1325.201.031		TRANSMISSION HOUSING	1		Z00008470912	KPL.BEARBEITET*GP-ANZ		
100	---		TYPE PLATE	1			KONZERN		
---	0730.365.241		TYPE PLATE	1			EINHEITSSCH. VERDREHSICHER		
---	0730.365.259		TYPE PLATE	1			EINHEITSSCH.VERDREHSICHER BRASILien		
---	0730.365.267		TYPE PLATE	1			CHINA		
---	0730.300.258		TYPE PLATE	1			EINHEITSSCH.VERDREHSICHER		
---	0730.365.271		TYPE PLATE	1			RUSSLAND/ KYRILLISCH		
---	0730.365.257		TYPE PLATE	1			S.S.CH IRAN		
---	0730.365.800		TYPE PLATE	1		Z00015972510			
---	0730.302.754		TYPE PLATE	1			AUSFUEHRUNG UNIVERSAL		
110	0731.300.027		BLIND RIVET	1		Z00007904810			
120	0731.300.027		BLIND RIVET	1		Z00007904810			
130	0731.300.027		BLIND RIVET	1		Z00007904810			
140	0731.300.027		BLIND RIVET	1		Z00007904810			
150	---		SCREW PLUG	1		Z00010112111	60N.M*DICHTRING M24X1,5		
---	0636.304.088	1882905	SCREW PLUG	1		Z00010112110	M24X1,5		
---	0730.008.637	1428103	SEALING RING	1		Z00010112110	24X29		
180	---		SCREW PLUG	1		Z00010112111	60N.M*DICHTRING M24X1,5		
---	0636.304.088	1882905	SCREW PLUG	1		Z00010112110	M24X1,5		
---	0730.008.637	1428103	SEALING RING	1		Z00010112110	24X29		
190	---		SCREW PLUG	1		Z00010164412	70N.M*DICHTRING M26X1,5		
---	0636.100.811		SCREW PLUG	1		Z00010164420	M26X1,5		
---	0634.801.249		SEALING RING	1		Z00010164420	26X31		
200	0501.218.540	1896008	BREATHER	1					
400	1325.201.025		CLUTCH HOUSING	1			SAE D=11*ABSTZG.2X D= 9*UNBEARB.SENSOR/GV/M8/ SCHUTZBL/LEITG		
410	0501.322.776		GASKET	1					
500	0731.201.563	1290941	CYLINDRICAL PIN	1					
510	0731.201.563	1290941	CYLINDRICAL PIN	1					
520	0731.201.563	1290941	CYLINDRICAL PIN	1					
530	0731.201.563	1290941	CYLINDRICAL PIN	1					
600	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		

Parts list

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Material number: 1356.002.114

Plant: 161.01.09-1

Material-assembly-group-no: 1356.101.004

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
610	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
620	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
630	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
640	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
650	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
660	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
670	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
680	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
690	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
700	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
710	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
720	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
730	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
740	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
750	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
760	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
770	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
780	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
790	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
800	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		

Plant

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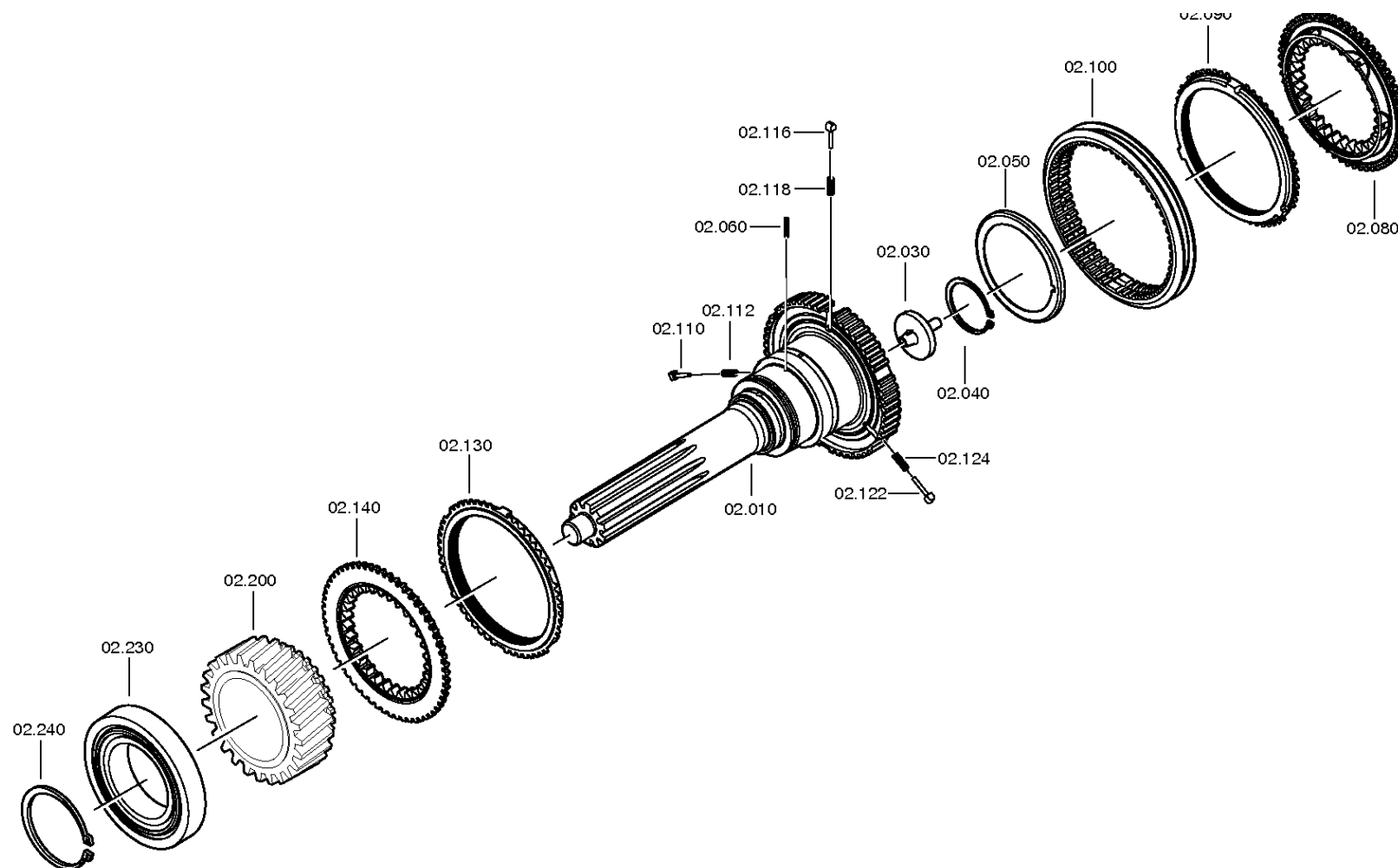
Material number: 1356.002.114

Plant: 161.02.05-1

INPUT SHAFT



16 S 2230 TO /
INPUT SHAFT



Plant

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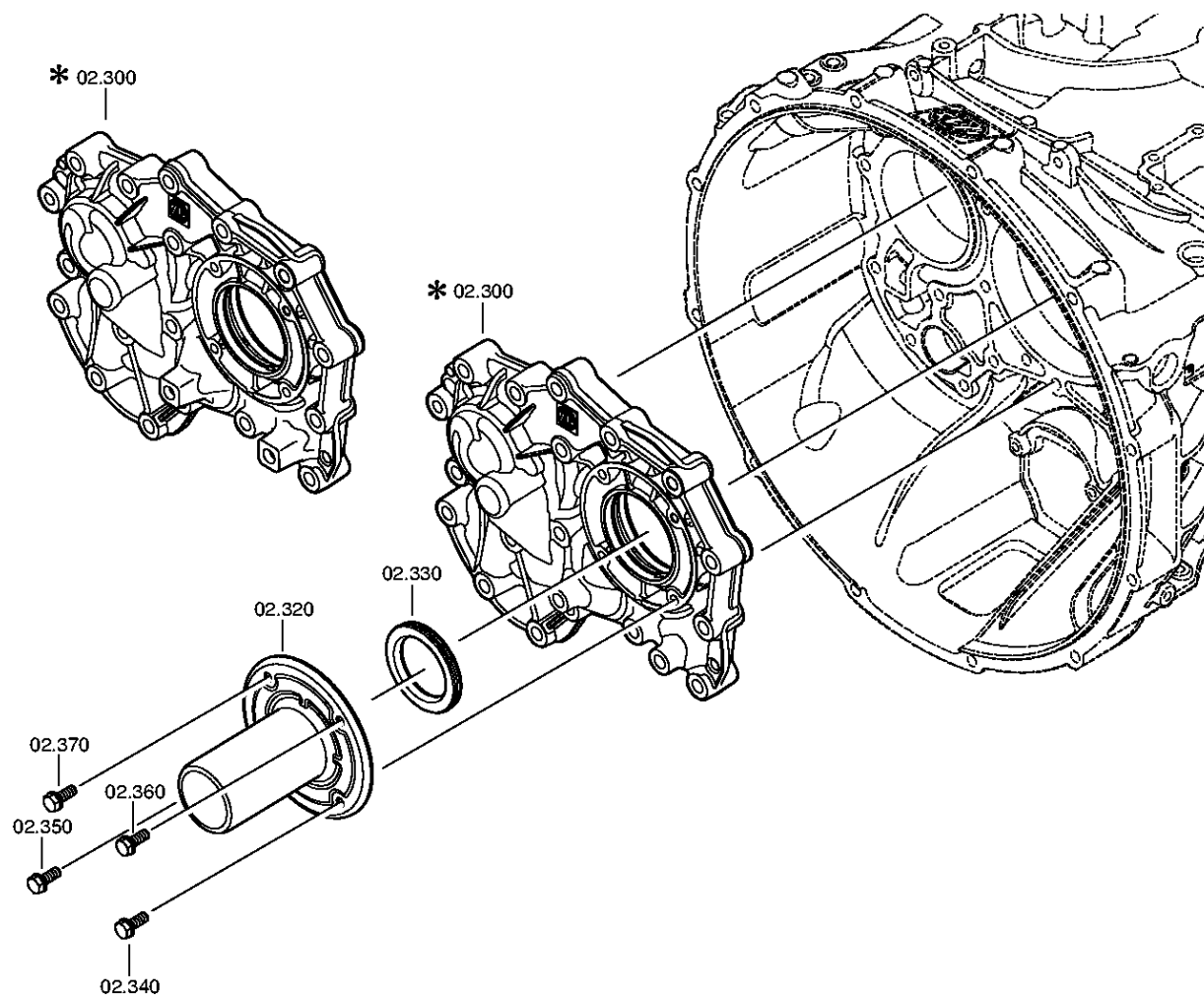
Material number: 1356.002.114

Plant: 161.02.01-1

INPUT SHAFT



16 S 2230 TO /
INPUT SHAFT



Plant

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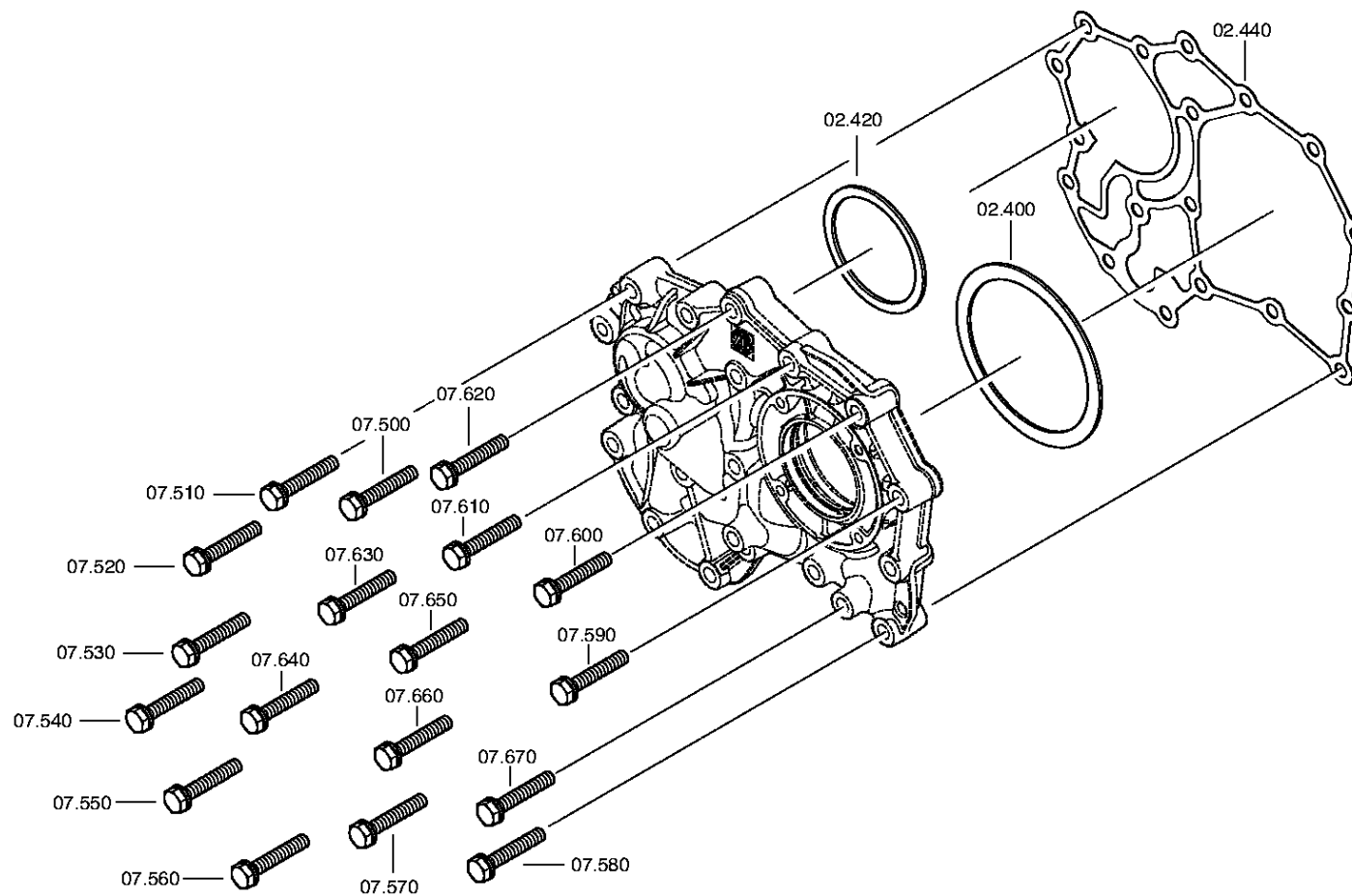
Material number: 1356.002.114

Plant: 161.02.80-1

INPUT SHAFT



16 S 2230 TO /
INPUT SHAFT



Parts list

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Material number: 1356.002.114

Plant: 161.02.05-1

Material-assembly-group-no: 1356.102.009

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	1356.302.103		INPUT SHAFT	1		Z00011537241			
30	1354.302.019		TUBE	1		Z00003066010			
40	0630.502.027	100CP3461	RETAINING RING	1		Z00003066010	50X2		
50	0750.101.179	1896784	OIL DAM	1		Z00007187910	77,0X95,5X6,0		
60	0631.328.659		SLOTTED PIN	1		Z00003066010	4X30		
80	1316.304.190	1831990	CLUTCH BODY	1		Z00012049010	ZF-BK 144 O		
90	1316.304.189	1832004	SYNCHRO.RING	1		Z00003066010	ZF-BK 144		
100	1356.304.023	1833891	SLIDING SLEEVE	1		Z00011717310	ZF-BK 144		
110	1297.304.436	0068332	PRESSURE PART	1		Z00003066010			
112	0732.040.409	0171349	COMPRESSION SPRING	1		Z00003066010			
116	1297.304.436	0068332	PRESSURE PART	1		Z00003066010			
118	0732.040.409	0171349	COMPRESSION SPRING	1		Z00003066010			
122	1297.304.436	0068332	PRESSURE PART	1		Z00003066010			
124	0732.040.409	0171349	COMPRESSION SPRING	1		Z00003066010			
130	1316.304.189	1832004	SYNCHRO.RING	1		Z00003066010	ZF-BK 144		
140	1316.304.190	1831990	CLUTCH BODY	1		Z00012049010	ZF-BK 144 O		
200	1316.302.067		HELICAL GEAR	1		Z00003066010	Z35 IN 1316 302 026(1)		
230	0750.117.732	5 8301 0	TAPERED ROLLER BEARING	1		Z00003066010	85,0X150,0X30,5		
240	0730.501.598		RETAINING RING	1		Z00003066010	85X4		
300	1325.302.055		CONNECTION PLATE	1		Z00013937810			
320	1325.302.029	1869863	GUIDE TUBE	1		Z00013937810			
330	---		SHAFT SEAL	1		Z00013937810	55X78X8		
---	0734.310.435	1831926	SHAFT SEAL	1			55X78X8 FA.CFW		
340	0636.100.466		SCREW WITH WASHER ASSEMBLY	1		Z00009178210	M8X22		
350	0636.100.466		SCREW WITH WASHER ASSEMBLY	1		Z00009178210	M8X22		
360	0636.100.466		SCREW WITH WASHER ASSEMBLY	1		Z00009178210	M8X22		
370	0636.100.466		SCREW WITH WASHER ASSEMBLY	1		Z00009178210	M8X22		
400	---		SHIM	1			H= 0,90- 2,40(ABSTUFUNG:0,05MM)		
---	2050.309.094		SHIM	1			A=2,2 IN 2050 309 090 C45E WW.F500 ZFN410		

Parts list

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Material number: 1356.002.114

Plant: 161.02.05-1

Material-assembly-group-no: 1356.102.009

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
---	0730.007.489		SHIM	1			A=2,15 IN 2050 309 090(2)		
---	0730.007.488		SHIM	1			A=2,10 IN 2050 309 090(2)		
---	0730.007.487		SHIM	1			A=2,05 IN 2050 309 090(2)		
---	0730.007.486		SHIM	1			A=2,00 IN 2050 309 090(2)		
---	0730.007.485		SHIM	1			A=1,95 IN 2050 309 090(2)		
---	0730.007.484	1833897	SHIM	1			A=1,90 IN 2050 309 090(2)		
---	0730.007.483		SHIM	1			A=1,85 IN 2050 309 090(2)		
---	0730.007.482		SHIM	1			A=1,80 IN 2050 309 090(2)		
---	0730.007.481		SHIM	1			A=1,75 IN 2050 309 090(2)		
---	0730.007.480	1833896	SHIM	1			A=1,70 IN 2050 309 090(2)		
---	0730.007.479		SHIM	1			A=1,65 IN 2050 309 090(2)		
---	0730.007.136	1290955	SHIM	1			A=1,60 IN 2050 309 090(2)		
---	0730.007.135		SHIM	1			A=1,55 IN 2050 309 090(2)		
---	0730.007.134		SHIM	1			A=1,50 IN 2050 309 090(2)		
---	0730.007.133		SHIM	1			A=1,45 IN 2050 309 090(2)		
---	0730.007.132		SHIM	1			A=1,40 IN 2050 309 090(2)		
---	0730.007.131		SHIM	1			A=1,35 IN 2050 309 090(2)		
---	0730.007.130		SHIM	1			A=1,30 IN 2050 309 090(2)		
---	0730.007.129		SHIM	1			A=1,25 IN 2050 309 090(2)		
---	2050.309.034		SHIM	1			A=1,2 IN 2050 309 090 C45E WW.F500 ZFN410		
---	0730.007.128		SHIM	1			A=1,15 IN 2050 309 090(2)		
---	0730.007.127		SHIM	1			A=1,10 IN 2050 309 090(2)		
---	0730.007.126		SHIM	1			A=1,05 IN 2050 309 090(2)		
---	2050.309.065		SHIM	1			A=1,0 IN 2050 309 090 C45E WW.F500 ZFN410		
---	0730.005.749		SHIM	1			A=0,95 IN 2050 309 090(2)		
---	0730.005.748	5 5258 0	SHIM	1			A=0,90 IN 2050 309 090(2)		
---	0730.301.503		SHIM	1			h=2,25		
---	0730.301.504		SHIM	1			h=2,30		
---	0730.301.505		SHIM	1			h=2,35		
---	0730.301.506		SHIM	1			h=2,40		
420	---		SHIM	1			H= 1,85- 3,25(ABSTUFUNG:0,05MM)		
---	0730.112.938		SHIM	1		C01007375C10	A=3,25		

Parts list

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Material number: 1356.002.114

Plant: 161.02.05-1

Material-assembly-group-no: 1356.102.009

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
---	0730.112.937		SHIM	1		C01007375C10	A=3,20		
---	0730.112.936		SHIM	1		C01007375C10	A=3,15		
---	0730.112.935		SHIM	1		C01007375C10	A=3,10		
---	0730.106.860	ZF-0730 106 860	SHIM	1		C01007375C10	A=3,05 IN 0730 106 904(2)		
---	0730.106.917	ZF-0730 106 917	SHIM	1			A=3,00 IN 0730 106 904(2)		
---	0730.106.916	1833921	SHIM	1			A=2,95 IN 0730 106 904(2)		
---	0730.106.915	1833920	SHIM	1			A=2,90 IN 0730 106 904(2)		
---	0730.106.914	1833919	SHIM	1			A=2,85 IN 0730 106 904(2)		
---	0730.106.913	1833918	SHIM	1			A=2,80 IN 0730 106 904(2)		
---	0730.106.912		SHIM	1			A=2,75 IN 0730 106 904(2)		
---	0730.106.911	1833917	SHIM	1			A=2,70 IN 0730 106 904(2)		
---	0730.106.910	1833916	SHIM	1			A=2,65 IN 0730 106 904(2)		
---	0730.106.909	1833915	SHIM	1			A=2,60 IN 0730 106 904(2)		
---	0730.106.908	1833914	SHIM	1			A=2,55 IN 0730 106 904(2)		
---	0730.100.799		SHIM	1			A=2,50 IN 0730 106 904(2)		
---	0730.100.800	1833898	SHIM	1			A=2,45 IN 0730 106 904(2)		
---	0730.100.801	ZF-0730 100 801	SHIM	1			A=2,40 IN 0730 106 904(2)		
---	0730.100.802	1833900	SHIM	1			A=2,35 IN 0730 106 904(2)		
---	0730.100.803	1833905	SHIM	1			A=2,30 IN 0730 106 904(2)		
---	0730.101.466	ZF-0730 101 466	SHIM	1			A=2,25 IN 0730 106 904(2)		
---	0730.101.467	1833906	SHIM	1			A=2,20 IN 0730 106 904(2)		
---	0730.101.468	1833907	SHIM	1			A=2,15 IN 0730 106 904(2)		
---	0730.101.469	1833909	SHIM	1			A=2,10 IN 0730 106 904(2)		
---	0730.101.470	1833910	SHIM	1			A=2,05 IN 0730 106 904(2)		
---	0730.101.471		SHIM	1			A=2,00 IN 0730 106 904(2)		
---	0730.106.907	1833912	SHIM	1			A=1,95 IN 0730 106 904(2)		
---	0730.106.906	1833911	SHIM	1			A=1,90 IN 0730 106 904(2)		
---	0730.106.905		SHIM	1			A=1,85 IN 0730 106 904(2)		
440	0501.324.454		GASKET	1		C01005568F10			
500	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
510	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
520	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
530	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
540	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		

Parts list

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Material number: 1356.002.114

Plant: 161.02.05-1

Material-assembly-group-no: 1356.102.009

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
550	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
560	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
570	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
580	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
590	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
600	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
610	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
620	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
630	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
640	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
650	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
660	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		
670	0636.102.270	0636 102 270 01	HEXAGON SCREW	1		Z00009177410	M10X60		

Plant

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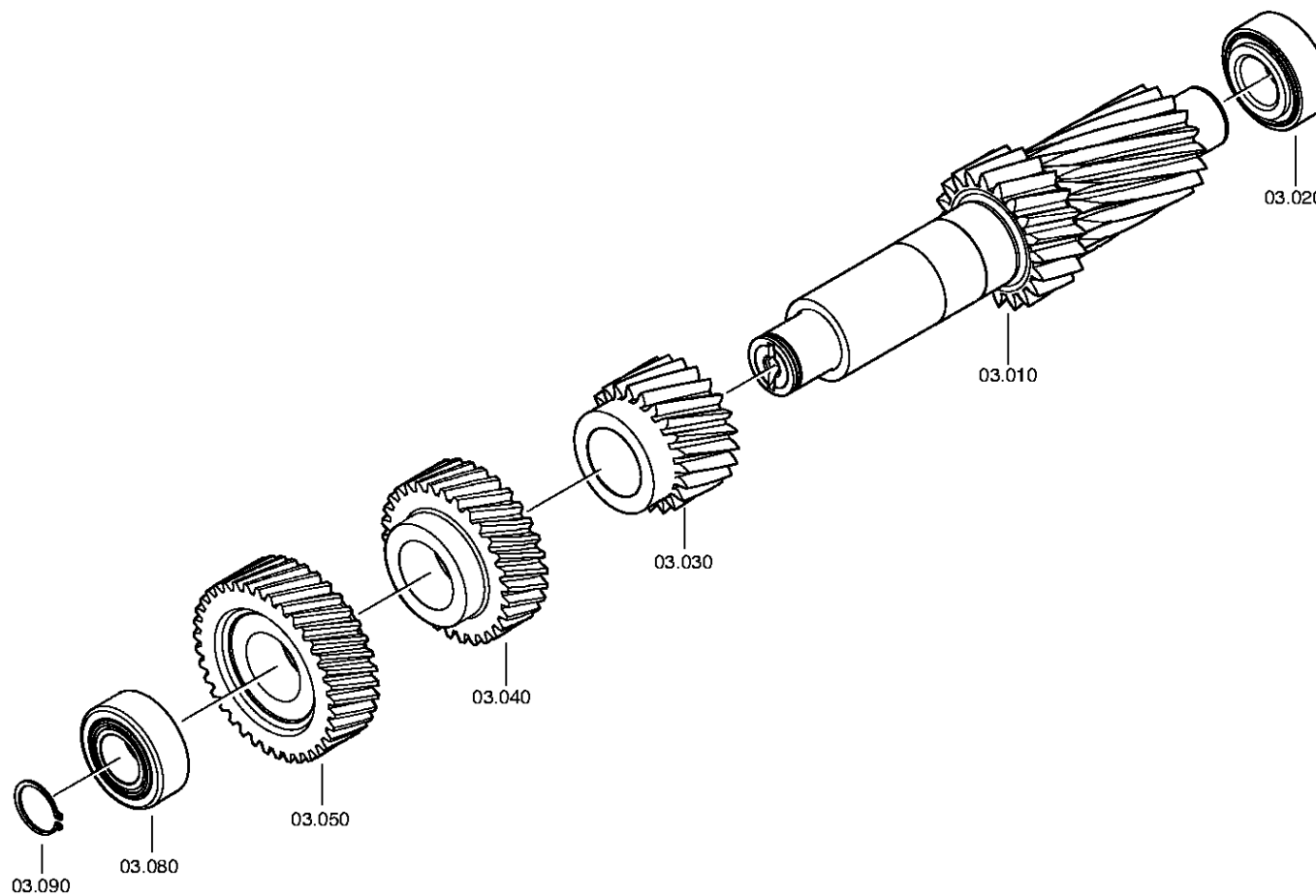
Material number: 1356.002.114

Plant: 161.03.02-1

Material-assembly-group-no: 1356.103.002



16 S 2230 TO /
COUNTERSHAFT



Parts list

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Material number: 1356.002.114

Plant: 161.03.02-1

Material-assembly-group-no: 1356.103.002

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	1316.303.033	5 5340 0	COUNTERSHAFT	1			ENTHALT.IN 1316 303 032(0)		
20	0750.117.009	8 8449 0	TAPERED ROLLER BEARING	1			49,213X103,188X44,475		
30	1316.303.005	1295190	HELICAL GEAR	1			3G/Z26 IN 1312 303 018(1)		
40	1316.303.065	1360899	HELICAL GEAR	1			Z35 IN 1312 303 013(1)		
50	1316.303.071		HELICAL GEAR	1			KON 1		
80	0750.117.009	8 8449 0	TAPERED ROLLER BEARING	1			49,213X103,188X44,475		
90	---		RETAINING RING	1			H= 2,40- 3,00(ABSTUFUNG:0,05MM)		
---	0630.531.065	8603574	RETAINING RING	1			50X3		
---	0630.501.111		RETAINING RING	1			50X2,95		
---	0630.501.112	0002640551	RETAINING RING	1			50X2,9		
---	0630.501.113		RETAINING RING	1			50X2,85		
---	0630.501.114	0002641451	RETAINING RING	1			50X2,8		
---	0630.501.115		RETAINING RING	1			50X2,75		
---	0630.501.116	0002641351	RETAINING RING	1			50X2,7		
---	0630.501.117	0140310	RETAINING RING	1			50X2,65		
---	0630.501.118	0002641251	RETAINING RING	1			50X2,6		
---	0630.501.160		RETAINING RING	1			50X2,55		
---	0630.531.064	1663657	RETAINING RING	1			50X2,5		
---	0630.501.159		RETAINING RING	1			50X2,45		
---	0630.501.148	0002641051	RETAINING RING	1			50X2,4		

Plant

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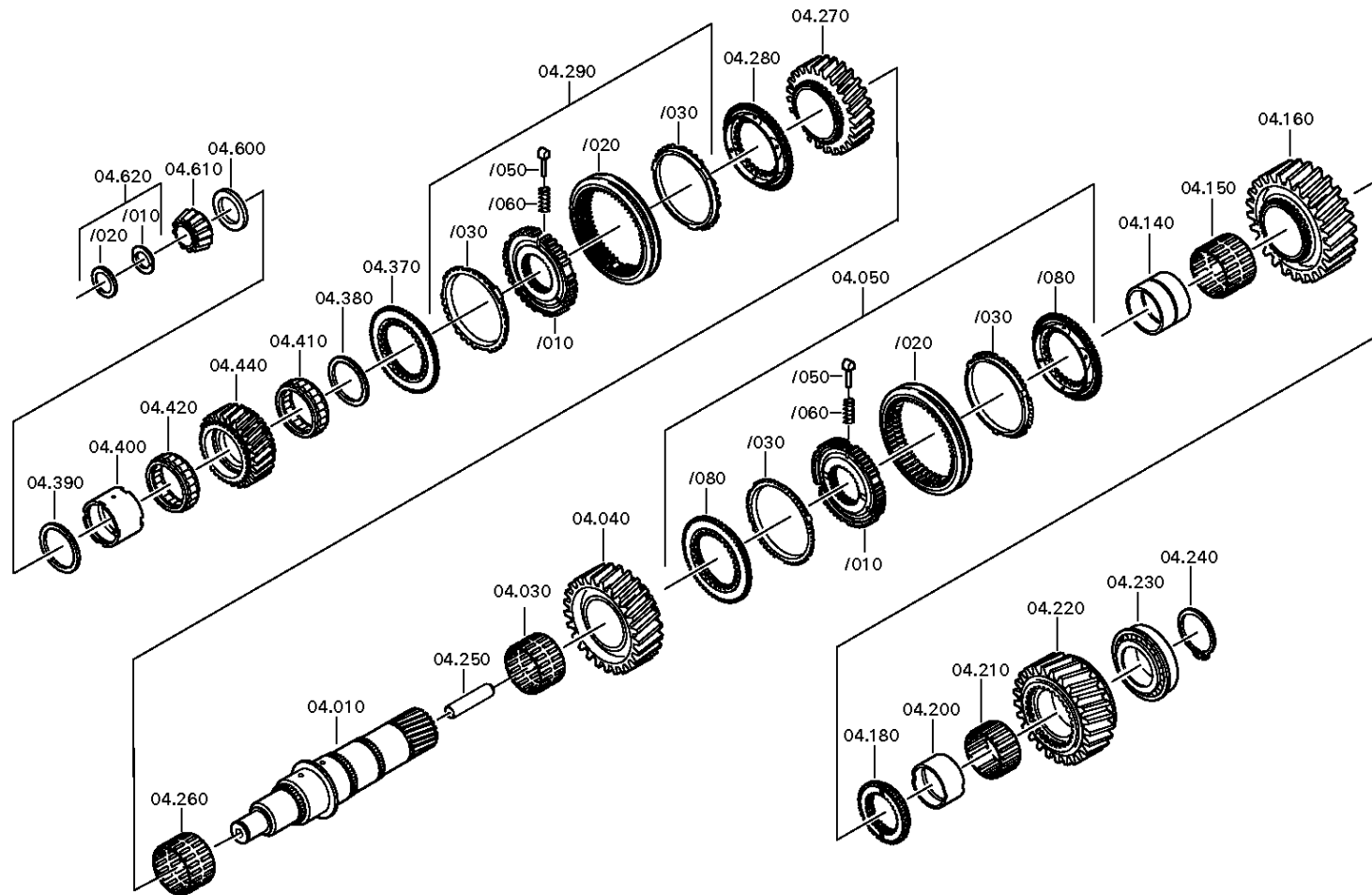
Material number: 1356.002.114

Plant: 161.04.12-1

Material-assembly-group-no: 1356.104.016



16 S 2230 TO /
MAIN SHAFT



Parts list

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Material number: 1356.002.114

Plant: 161.04.12-1

Material-assembly-group-no: 1356.104.016

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	1316.304.132	1395314	MAIN SHAFT	1					
30	0750.115.303	5 8158 0	NEEDLE CAGE	1			92,0X100,0X63,0		
40	1316.304.002	133-242-3900	HELICAL GEAR	1			2G/Z38 IN 1316 304 005(1)		
50	1356.204.007		SYNCHRONIZER	1		Z00006981310	KPL.1+2G*BK160 MOLYBDAEN* ECOSPLIT 3+4		
/10	1356.304.022		SYNCHRO.BODY	1		Z00006981313			
/20	1356.304.024	1865591	SLIDING SLEEVE	1		Z00006981313	ZF-BK 160		
/30	1316.304.170	1677595	SYNCHRO.RING	2		Z00006981313			
/50	1297.304.436	0068332	PRESSURE PART	3		Z00006981313			
/60	0732.040.409	0171349	COMPRESSION SPRING	3		Z00006981313			
/80	1316.304.156	5 5366 0	CLUTCH BODY	2		Z00006981313			
140	1312.304.084	42480712	BUSH	1			ENTHALT.IN 1312 304 007(2)		
150	0750.115.327	5 8157 0	NEEDLE CAGE	1			96,0X104,0X72,0		
160	1316.304.010	1316304010	HELICAL GEAR	1			1G/Z47 IN 1312 304 033(0)		
180	1312.304.124	1295199	CLUTCH BODY	1			ENTHALT.IN 1312 304 055(0)		
200	1316.304.133	42480812	BUSH	1			A=50,00 IN 1312 304 010(2)		
210	0750.115.326	5 8156 0	NEEDLE CAGE	1			90,0X98,0X50,0		
220	---		HELICAL GEAR	1					
---	1316.304.012	133-242-3920	HELICAL GEAR	1			RG*Z44 IN 1312 304 125(0)		
---	1316.304.235		HELICAL GEAR	1					
230	0750.117.678	8 8114 0	TAPERED ROLLER BEARING	1			80,0X140,0X36,5		
240	---		RETAINING RING	1			H= 3,00- 3,65(ABSTUFUNG:0,05MM)		
---	0630.501.316	820-400-2580	RETAINING RING	1			80X3,5		
---	0630.501.336	H0109516	RETAINING RING	1			80X3,45		
---	0630.501.315	820-400-2582	RETAINING RING	1			80X3,4		
---	0630.501.335	H0109514	RETAINING RING	1			80X3,35		
---	0630.501.314	820-400-2584	RETAINING RING	1			80X3,3		
---	0630.501.334	820-400-2585	RETAINING RING	1			80X3,25		
---	0630.501.313	820-400-2586	RETAINING RING	1			80X3,2		
---	0630.501.333	820-400-2587	RETAINING RING	1			80X3,15		
---	0630.501.312	820-400-2588	RETAINING RING	1			80X3,1		
---	0630.501.337	820-400-2589	RETAINING RING	1			80X3,55		
---	0630.501.338	820-400-2590	RETAINING RING	1			80X3,6		
---	0630.501.339	820-400-2591	RETAINING RING	1			80X3,65		

Parts list

Page 2 from 3



Material number: 1356.002.114

Plant: 161.04.12-1

Material-assembly-group-no: 1356.104.016

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
250	1312.304.150	5 5177 0	TUBE	1					
260	0750.115.303	5 8158 0	NEEDLE CAGE	1			92,0X100,0X63,0		
270	1316.304.008	133-242-3930	HELICAL GEAR	1			3G/Z34 IN 1312 304 135(1)		
280	1316.304.190	1831990	CLUTCH BODY	1			ZF-BK 144 O		
290	1356.204.006		SYNCHRONIZER	1		Z00006981312	KPL.3+4G*BK144 MOLYBDAEN* ANSCHL.INTEGR VERST*ECOSPLIT 3+4		
/10	1356.304.019	1833885	SYNCHRO.BODY	1		Z00006981313			
/20	1356.304.023	1833891	SLIDING SLEEVE	1		Z00006981313	ZF-BK 144		
/30	1316.304.189	1832004	SYNCHRO.RING	2		Z00006981313	ZF-BK 144		
/50	1297.304.436	0068332	PRESSURE PART	3		Z00006981313			
/60	0732.040.409	0171349	COMPRESSION SPRING	3		Z00006981313			
370	1316.304.190	1831990	CLUTCH BODY	1			ZF-BK 144 O		
380	0750.101.158		THRUST WASHER	1					
390	0750.101.158		THRUST WASHER	1					
400	0750.119.124	5 8910 0	INNER RING	1			67,0X77,0X66,1		
410	0750.115.531	5 8908 0	ROLLER CAGE	1			77,0X101,0X29,0		
420	0750.115.531	5 8908 0	ROLLER CAGE	1			77,0X101,0X29,0		
440	1316.304.103	5 5341 0	HELICAL GEAR	1			Z32		
600	---		AXIAL WASHER	1			H= 7,30- 8,00(ABSTUFUNG:0,10MM)		
---	1315.304.048	5 5877 0	AXIAL WASHER	1			A=8,00 IN 1315 304 042(2)		
---	1315.304.047	5 5859 0	AXIAL WASHER	1			A=7,90 IN 1315 304 042(2)		
---	1315.304.046	ZF-1315 304 046	AXIAL WASHER	1			A=7,80 IN 1315 304 042(2)		
---	1315.304.045	5 5858 0	AXIAL WASHER	1			A=7,70 IN 1315 304 042(2)		
---	1315.304.044	ZF-1315 304 044	AXIAL WASHER	1			A=7,60 IN 1315 304 042(2)		
---	1315.304.043	ZF-1315 304 043	AXIAL WASHER	1			A=7,50 IN 1315 304 042(2)		
---	1315.304.085	ZF-1315 304 085	AXIAL WASHER	1			A=7,40 IN 1315 304 042(2)		
---	1315.304.086	1833949	AXIAL WASHER	1			A=7,30 IN 1315 304 042(2)		
610	0750.117.232	81.93501.0080	TAPERED ROLLER BEARING	1			42,0X40,3		
620	1312.204.040		SPLIT RING	1			GESTANZT		
/10	---		SPLIT RING	2			H= 4,60- 5,00(ABSTUFUNG:0,10MM)		
---	0730.107.023	820-400-2660	SPLIT RING	2			A=5,00 IN 0730 106 207(2)		
---	0730.107.022	820-400-2661	SPLIT RING	2			A=4,90 IN 0730 106 207(2)		
---	0730.107.021	820-400-2662	SPLIT RING	2			A=4,80 IN 0730 106 207(2)		

Parts list

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Material number: 1356.002.114

Plant: 161.04.12-1

Material-assembly-group-no: 1356.104.016

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
---	0730.107.020	820-400-2663	SPLIT RING	2			A=4,70 IN 0730 106 207(2)		
---	0730.107.019	820-400-2664	SPLIT RING	2			A=4,60 IN 0730 106 207(2)		
/20	0730.062.781	H0224840	RETAINING RING	1			ENTHALT.IN 0730 062 636(2)		

Plant

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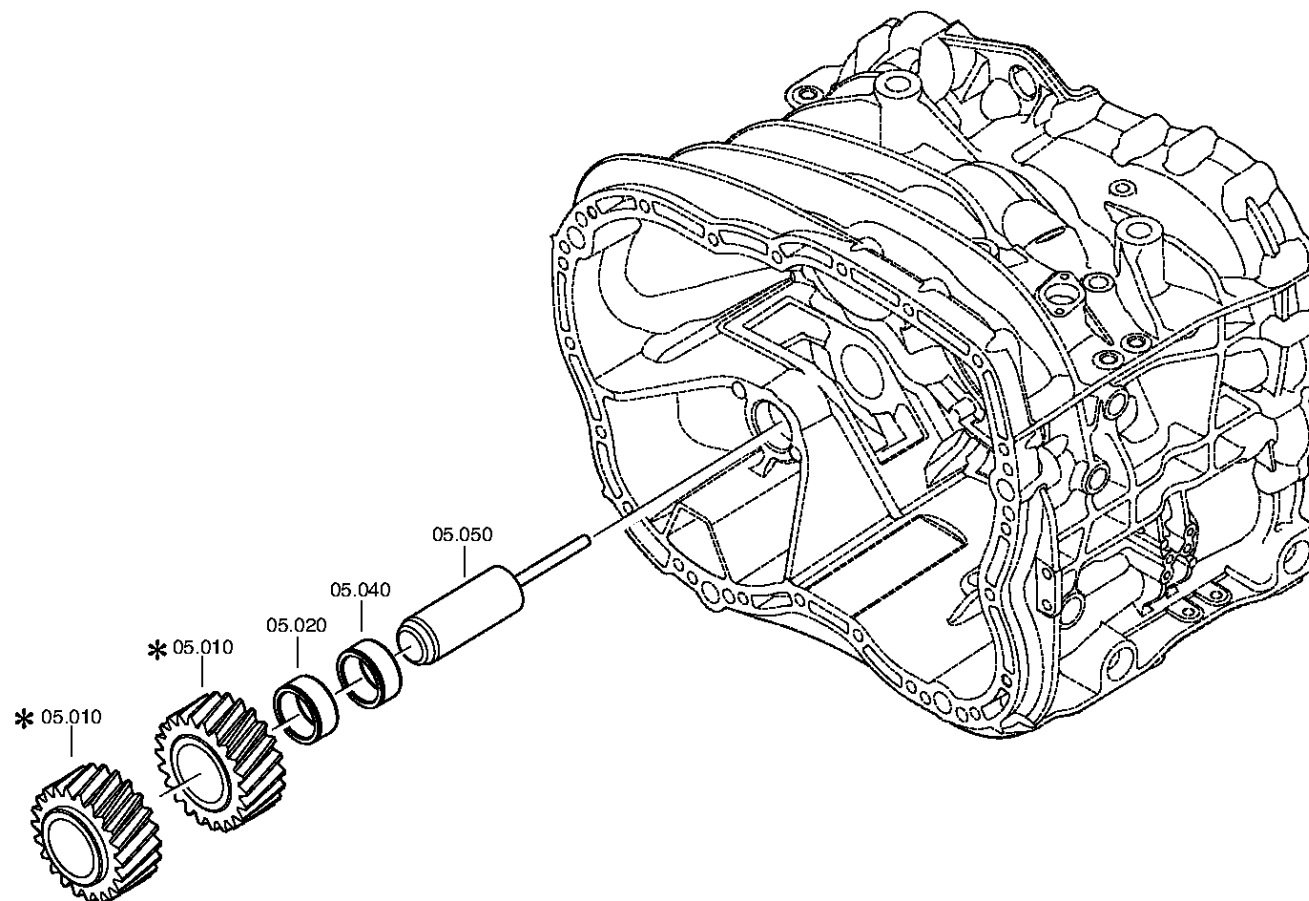
Material number: 1356.002.114

Plant: 161.05.01-1

Material-assembly-group-no: 1325.105.001



16 S 2230 TO /
RETURN



Parts list

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Material number: 1356.002.114

Plant: 161.05.01-1

Material-assembly-group-no: 1325.105.001

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	---		REVERSE IDLER GEAR	1		C01006413F10			
---	1316.305.001		REVERSE IDLER GEAR	1			Z22 IN 1295 305 050(1)		
---	1316.305.008	1882761	REVERSE IDLER GEAR	1			Z22 IN 1295 305 050(1)		
20	0750.115.369	820-400-2290	NEEDLE CAGE	1			45,0X57,0X25,0		
40	0750.115.369	820-400-2290	NEEDLE CAGE	1			45,0X57,0X25,0		
50	1316.201.030		REVERSE IDLER SHAFT	1			KPL.16S221*SG*L=102		
/120	0631.329.295		SLOTTED PIN	1			10X118		

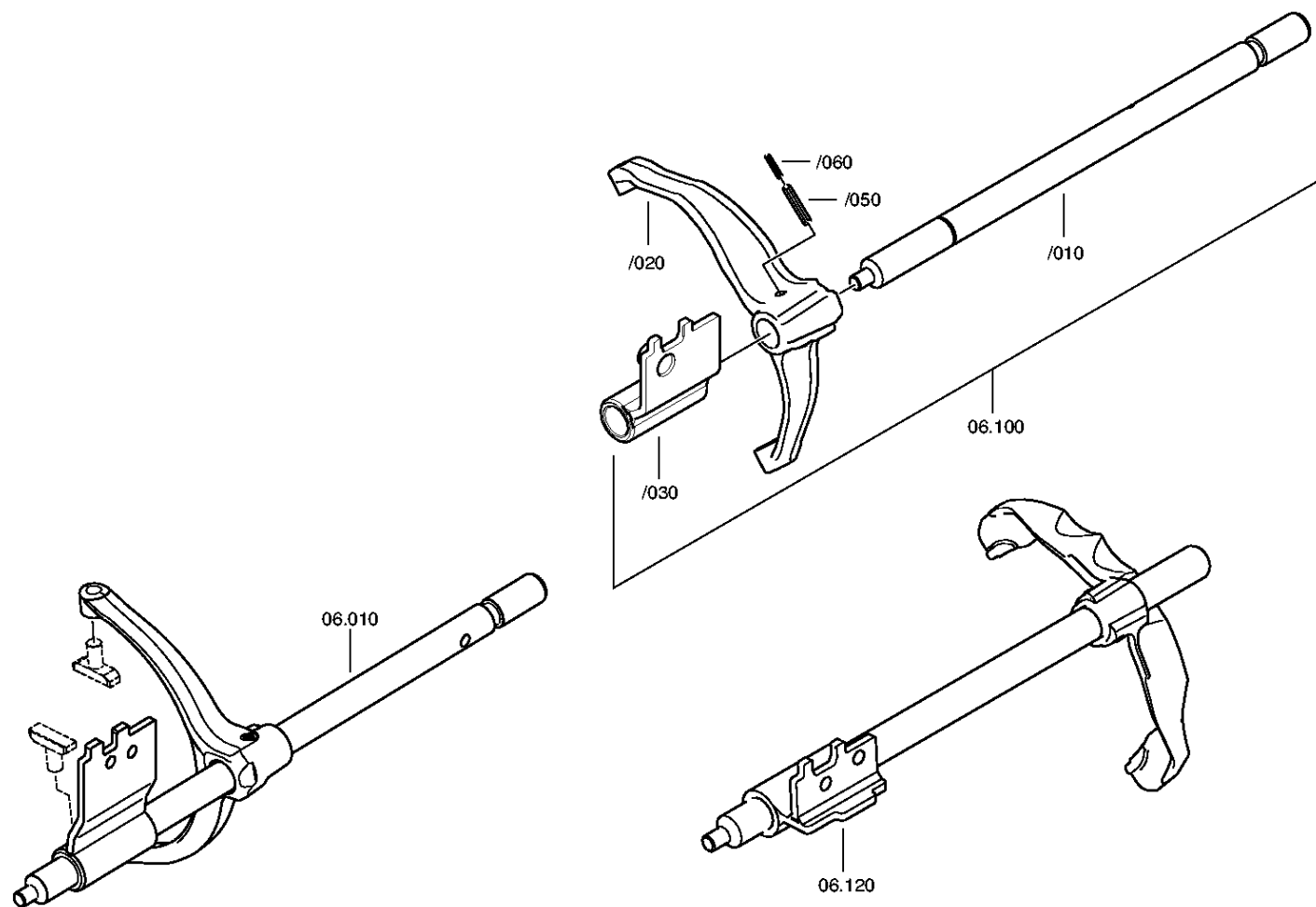
Plant

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Material number: 1356.002.114
Plant: 161.06.04-1
TRANSMISSION SHIFT SYSTEM



16 S 2230 TO /
TRANSMISSION SHIFT SYSTEM



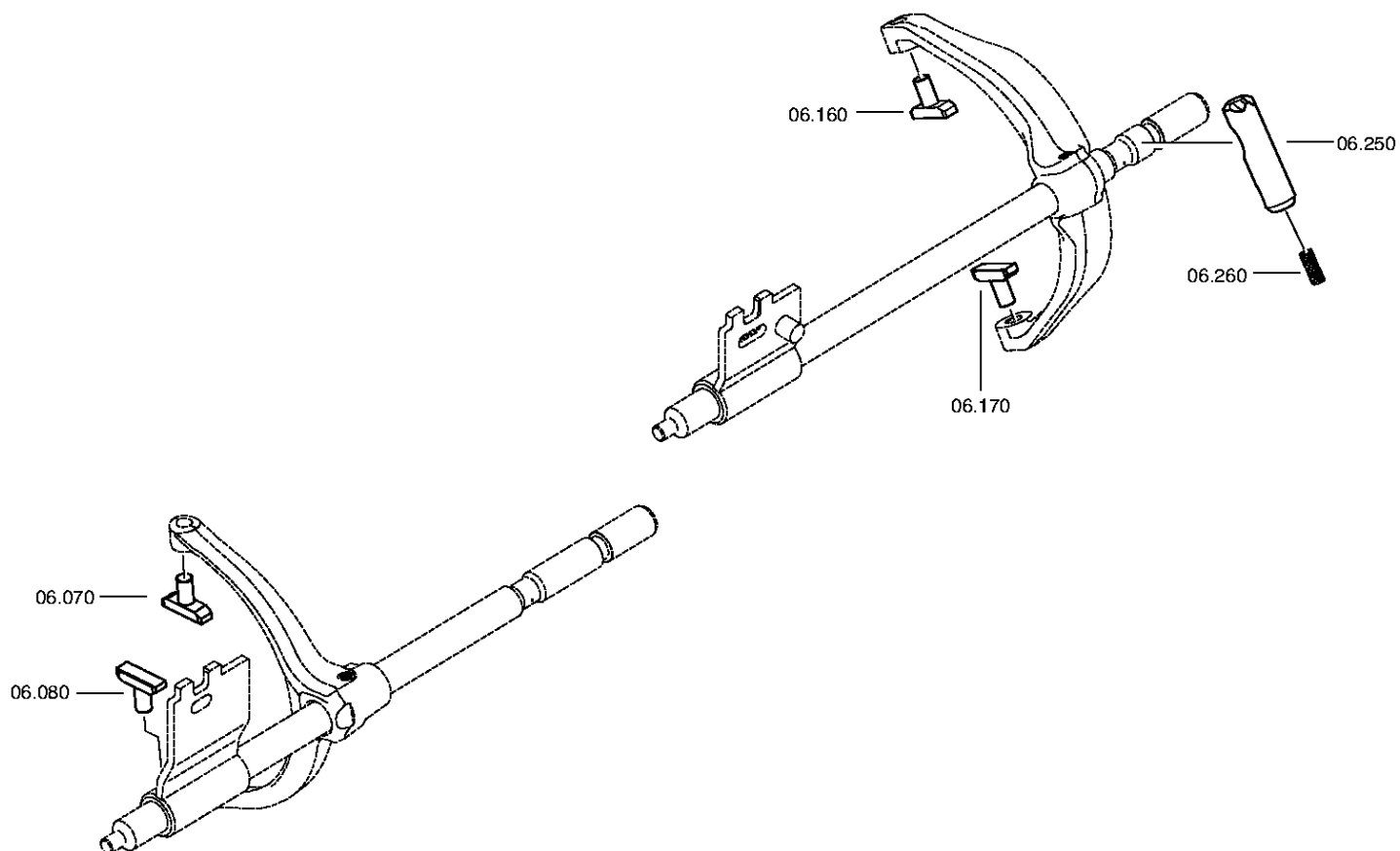
Plant

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Material number: 1356.002.114
Plant: 161.06.02-1
TRANSMISSION SHIFT SYSTEM



16 S 2230 TO /
TRANSMISSION SHIFT SYSTEM



Parts list

Page 1 from 1



Material number: 1356.002.114

Plant: 161.06.04-1

Material-assembly-group-no: 1356.106.001

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	1356.206.004		GEAR SHIFT RAIL	1			KPL*WBI-3/4G*LANG*MIT GANGERKENNUNG DAF		
70	1316.306.015	5 5342 0	SLIDING PAD	1					
80	1316.306.015	5 5342 0	SLIDING PAD	1					
100	1356.206.002		GEAR SHIFT RAIL	1			KPL*WBI-1/2G*LANG		
120	1356.206.001		GEAR SHIFT RAIL	1			KPL*WBI-RG*LANG		
160	1316.306.015	5 5342 0	SLIDING PAD	1					
170	1316.306.015	5 5342 0	SLIDING PAD	1					
250	1313.306.013		LOCKING PIN	1					
260	0732.040.736	2150041300	COMPRESSION SPRING	1					

Plant

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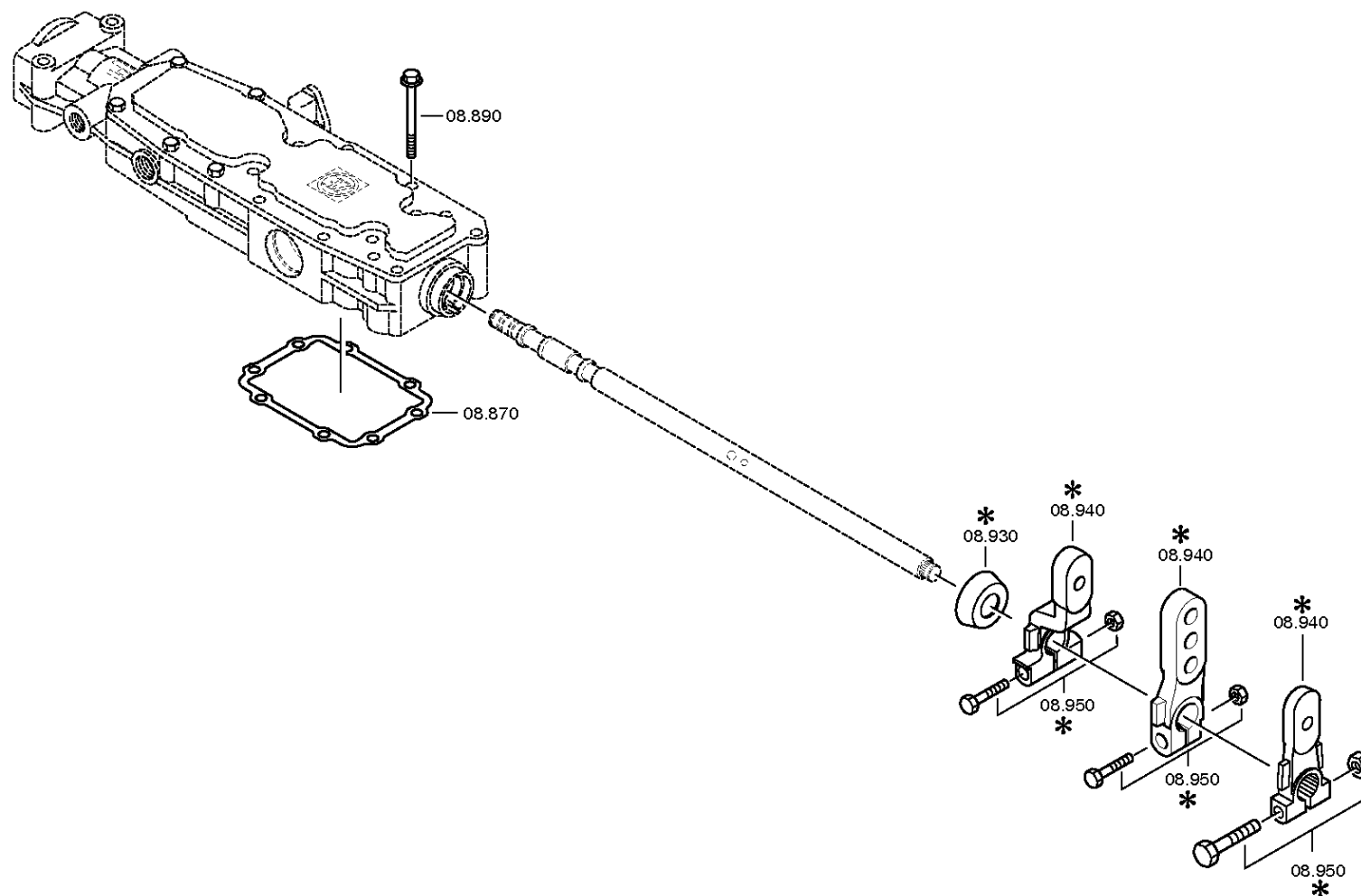
Material number: 1356.002.114

Plant: 068.07.81-1

GEAR SHIFT HOUSING



16 S 2230 TO /
GEAR SHIFT HOUSING



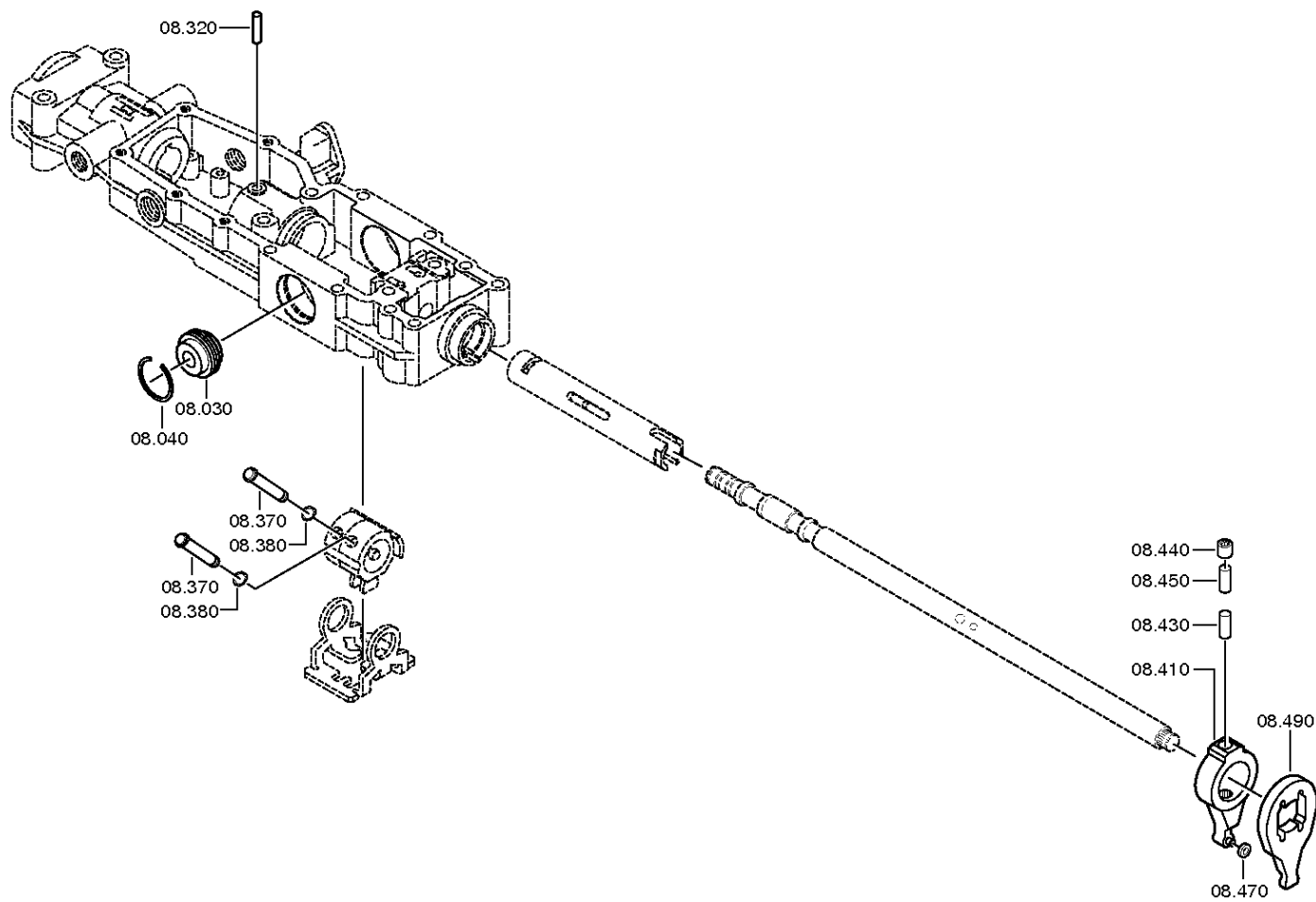
Material number: 1356.002.114

Plant: 068.07.25-1

GEAR SHIFT HOUSING



16 S 2230 TO /
GEAR SHIFT HOUSING



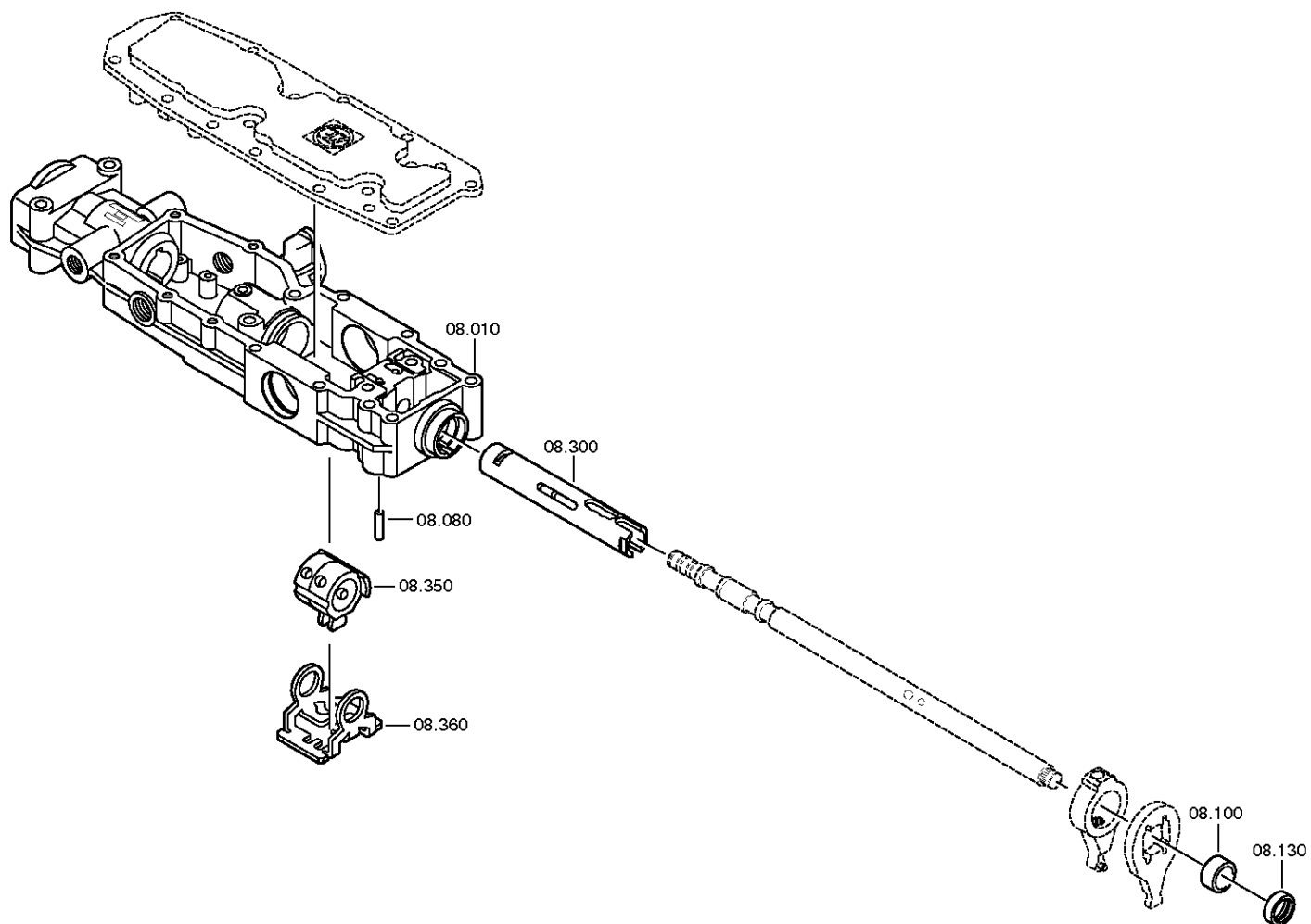
Material number: 1356.002.114

Plant: 068.07.38-1

GEAR SHIFT HOUSING



16 S 2230 TO /
GEAR SHIFT HOUSING



Plant

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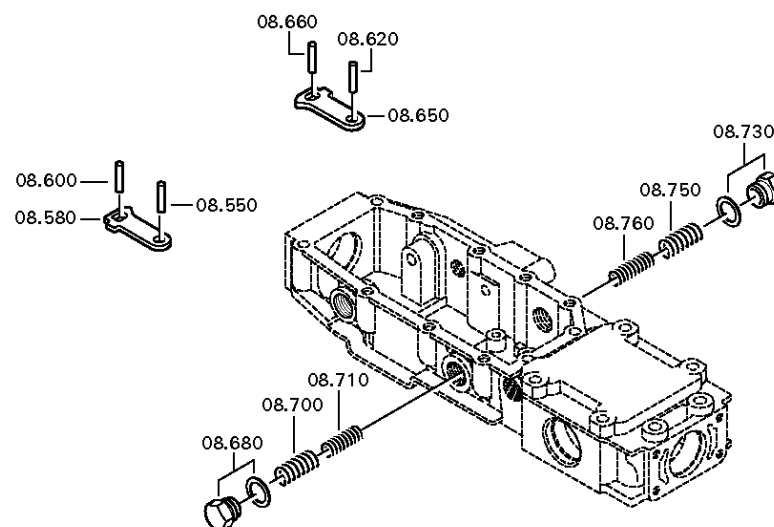
Material number: 1356.002.114

Plant: 068.07.75-1

GEAR SHIFT HOUSING



16 S 2230 TO /
GEAR SHIFT HOUSING



Parts list

Page 1 from 2



Material number: 1356.002.114

Plant: 068.07.81-1

Material-assembly-group-no: 1316.108.817

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	1315.307.383		GEAR SHIFT HOUSING	1		Z00008223510			
30	0501.209.212	5 5247 0	DETENT	1			KPL.		
40	0630.532.130	0630532130	V-RING	1					
80	0631.306.123	190003901424	CYLINDRICAL PIN	1		Z00008223510	8X24		
100	0730.260.703	1394369	BUSH	1		Z00008223510	A=13,70		
130	0734.309.765	1798267	SHAFT SEAL	1		Z00008223510	28X42X11 FA.SKT		
300	1315.307.294		QUILL SHAFT	1		Z00011957210	ENTHALT.IN 1315.307.293(1)		
320	0731.201.702		PIN	1					
350	1315.307.735		DRIVER	1		Z00011746811			
360	1315.307.218	1394378	LOCKING PIECE	1		Z00008223510			
370	1316.208.003		PIN	2			KPL.		
380	0630.501.006	P0436202H	RETAINING RING	2			10X1		
410	1316.208.002	1394380	VALVE LEVER	1			KPL.		
430	0731.201.732	1452229	PIN	1					
440	0635.303.019	1394383	NEEDLE BUSH	1			10X14X15		
450	0731.201.732	1452229	PIN	1					
470	1315.307.226	820-400-3340	ROLLER	1					
490	1315.307.292		LEVER	1					
550	0631.306.832		CYLINDRICAL PIN	1			6X20		
580	1315.307.203		DETENT LEVER	1					
600	0631.306.832		CYLINDRICAL PIN	1			6X20		
620	0631.306.832		CYLINDRICAL PIN	1			6X20		
650	1315.307.203		DETENT LEVER	1					
660	0631.306.832		CYLINDRICAL PIN	1			6X20		
680	---		SCREW	1		Z00010146310	M22X1,5		
---	1315.307.736		SCREW	1		Z00010146312	M22X1,5		
---	0730.009.515	0730009515	SEALING RING	1		Z00010146312	A22X27		
700	0732.040.985	5 5874 0	COMPRESSION SPRING	1					
710	0732.040.984	0732 040 984	COMPRESSION SPRING	1					
730	---		SCREW	1		Z00010146310	M22X1,5		
---	1315.307.736		SCREW	1		Z00010146312	M22X1,5		
---	0730.009.515	0730009515	SEALING RING	1		Z00010146312	A22X27		
750	0732.040.985	5 5874 0	COMPRESSION SPRING	1					
760	0732.040.984	0732 040 984	COMPRESSION SPRING	1					

Parts list

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Material number: 1356.002.114

Plant: 068.07.81-1

Material-assembly-group-no: 1316.108.817

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
870	1315.307.013	133-138-1020	GASKET	1					
890	0736.300.137	1197869	HEXAGON SCREW	8		Z00009195410	M8X80 M8X80		
930	1341.307.104		PROTECTION CAP	1		C01007034F10			

Plant

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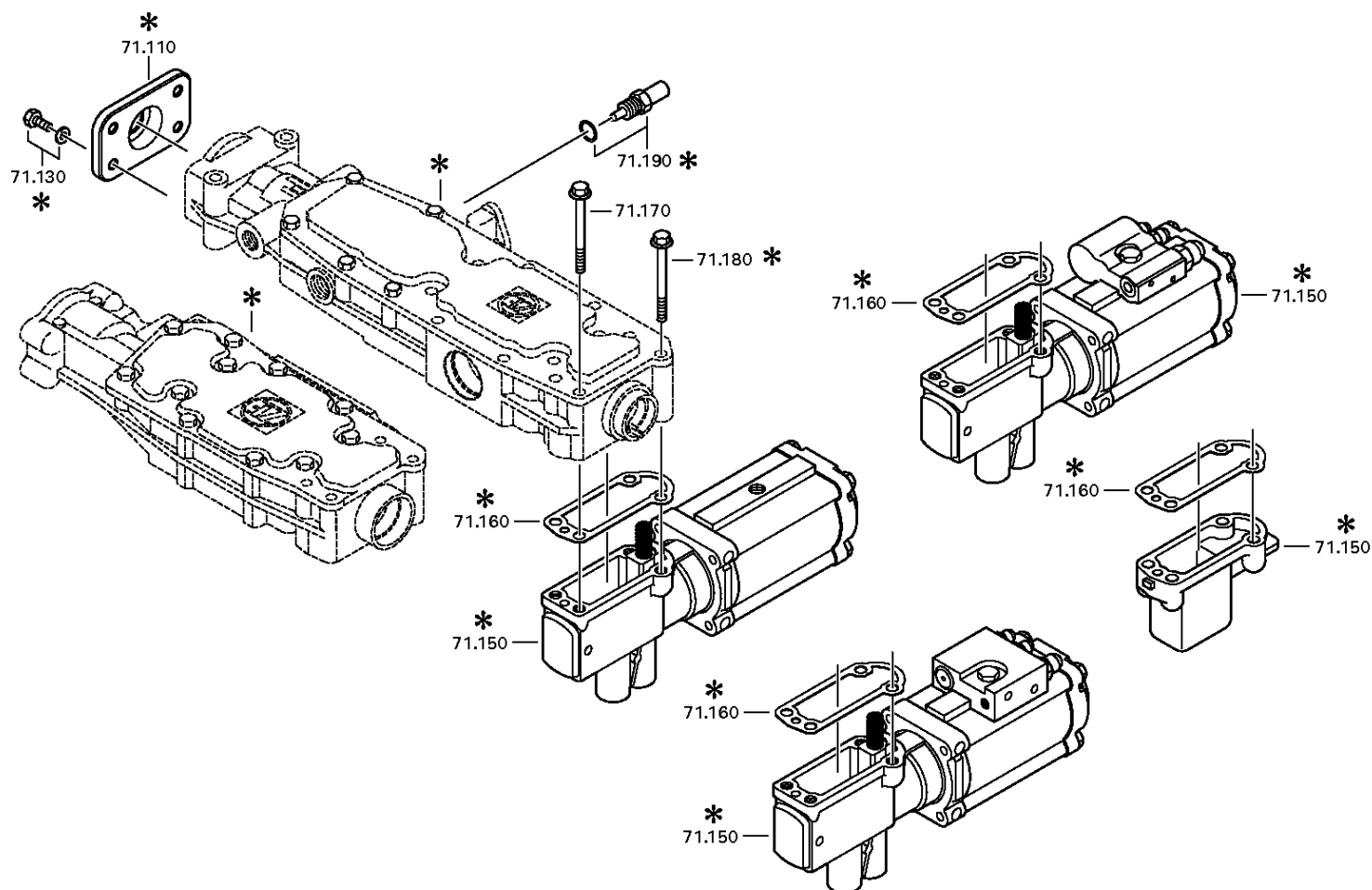
Material number: 1356.002.114

Plant: 062.08.30-1

END COVER



16 S 2230 TO /
END COVER



Plant

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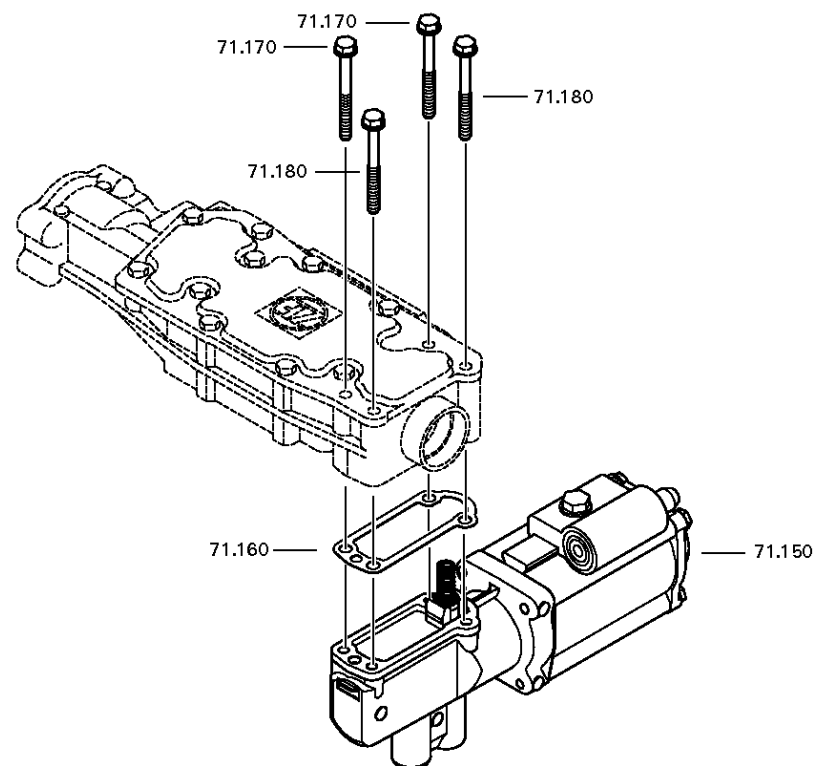
Material number: 1356.002.114

Plant: 068.08.45-1

END COVER



16 S 2230 TO /
END COVER



Parts list

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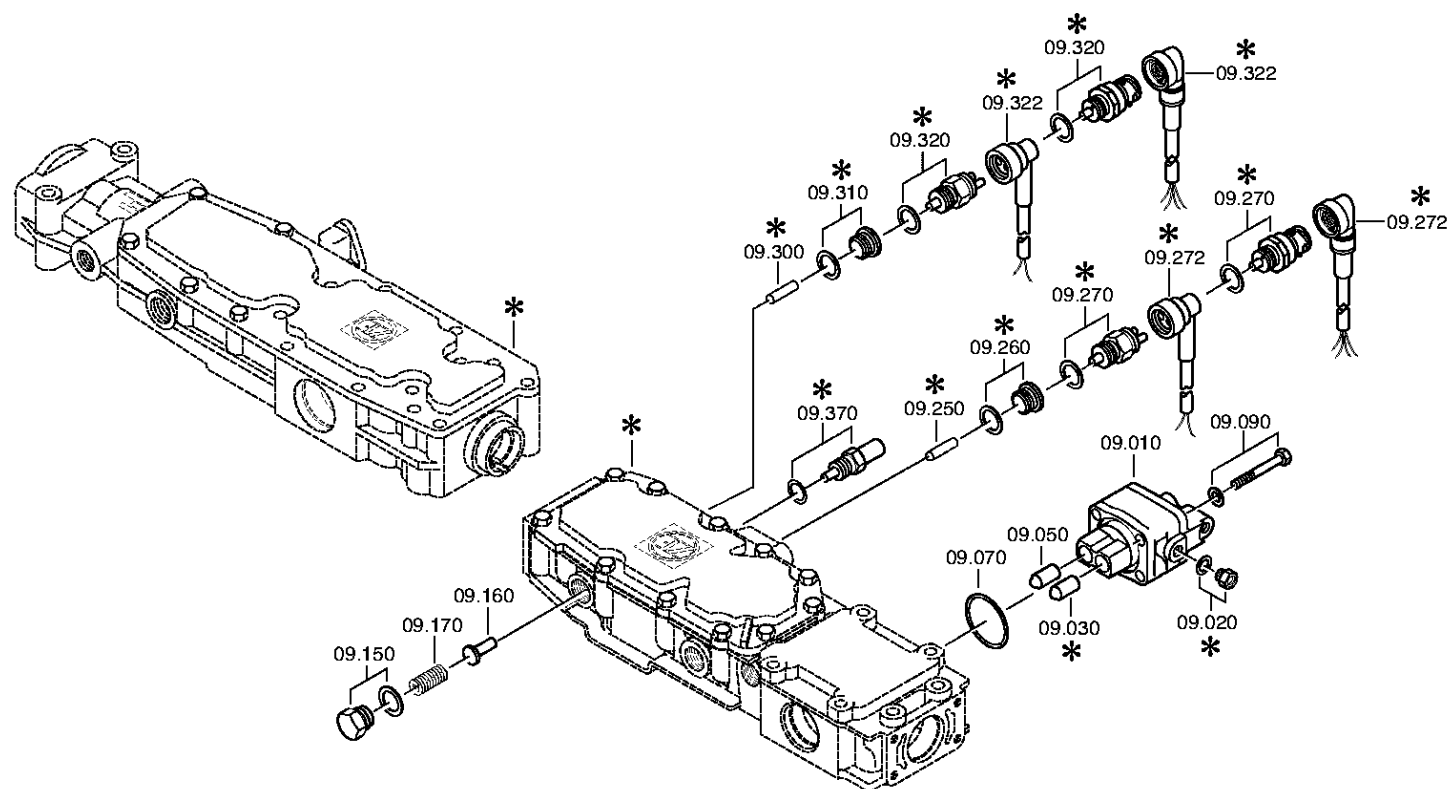
Material number: 1356.002.114

Plant: 062.08.30-1

Material-assembly-group-no: 1316.171.403

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
110	1341.307.113		COVER	1		Z00009271410			
130	---		HEXAGON SCREW	4		Z00007891111	M8X20		
---	0636.100.796		HEXAGON SCREW	4		Z00007891120	M8X20		
---	0630.100.295		WASHER	4		Z00007158414			
150	0501.216.414		PNEUMATIC SERVO UNIT	1			KPL. PSE2 DBV6		
160	1315.307.242	1389649	GASKET	1					
170	0736.300.137	1197869	HEXAGON SCREW	2		Z00009195410	M8X80 M8X80		
180	---		HEXAGON SCREW	2		Z00009195410	M8X80		
---	0736.300.137	1197869	HEXAGON SCREW	2		Z00009195414	M8X80 M8X80		
---	0666.790.033		SEAL.COMPOUND	2		Z00009195414			



Plant

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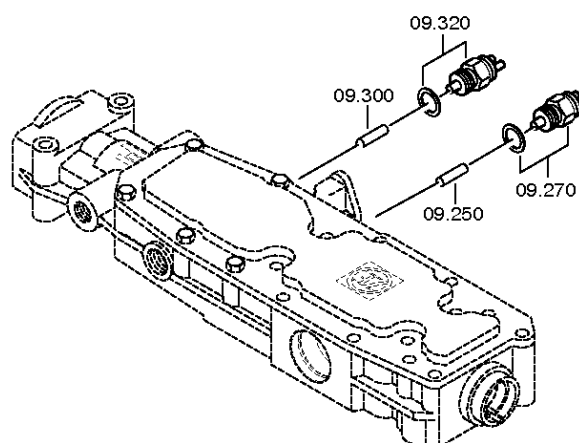
Material number: 1356.002.114

Plant: 068.09.11-1

CONNECTING PARTS



16 S 2230 TO /
CONNECTING PARTS



Parts list

Page 1 from 1



Material number: 1356.002.114

Plant: 068.09.01-1

Material-assembly-group-no: 1316.109.023

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	6038.202.043	5 6065 0	CUT-OFF VALVE	1		C01002143C10	KPL.H-H*ZULUFTDROSSEL 1,55		
30	0501.209.188	5 6102 0	BALL CASTER	1			KPL.		
50	0501.209.188	5 6102 0	BALL CASTER	1			KPL.		
70	0634.313.505	1295216	O-RING	1			42X3		
90	---		HEXAGON SCREW	4		Z00007054112	M8X65		
---	0636.100.519		HEXAGON SCREW	4		Z00007054110	M8X65		
---	0630.100.295		WASHER	4		Z00007158414			
150	---		SCREW	1		Z00010146310	M22X1,5		
---	1315.307.736		SCREW	1		Z00010146312	M22X1,5		
---	0730.009.515	0730009515	SEALING RING	1		Z00010146312	A22X27		
160	1315.307.384		BOLT	1		C01003958B10	ENTHALT.IN 1250 307 589(2)		
170	0732.042.207		COMPRESSION SPRING	1					
250	0731.201.446		PIN	1			ENTHALT.IN 0731 201 445(2)		
270	---		SWITCH	1		Z00004287211	OEFF*45N.M*DICHTRING*BAJONETT* SCHUTZKAPPE		
---	0501.219.856	1946804	SWITCH	1			OEFFNER DIN BAJONETT		
---	0634.801.062	1804055	SEALING RING	1			18X24		
300	0731.208.256		PIN	1			A=30,0		
320	---		SWITCH	1		Z00025033610	SCHL*45N.M*DICHTRING*BAJONETT* SCHUTZKAPPE		
---	0501.331.660	2007380	SWITCH	1		Z00025033617			
---	0634.801.062	1804055	SEALING RING	1		Z00025033617	18X24		

Plant

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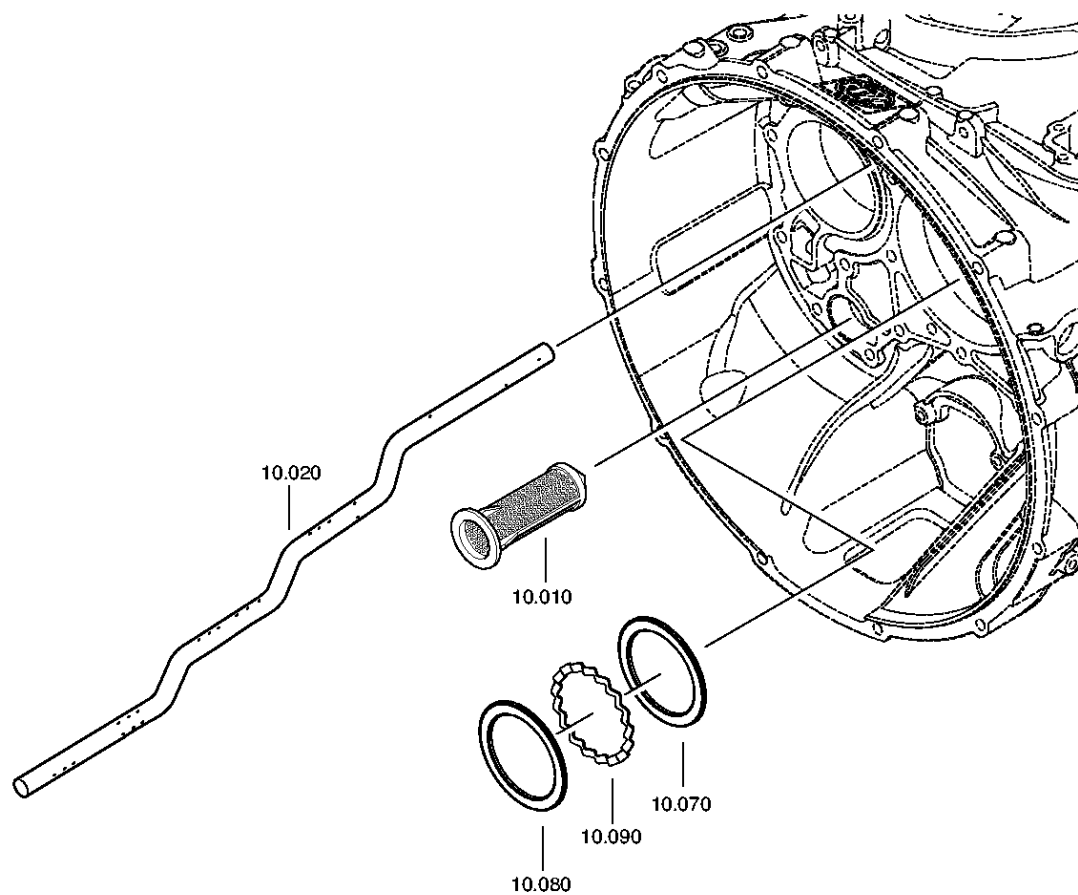
Material number: 1356.002.114

Plant: 161.10.04-1

OIL SUPPLY



16 S 2230 TO /
OIL SUPPLY



Plant

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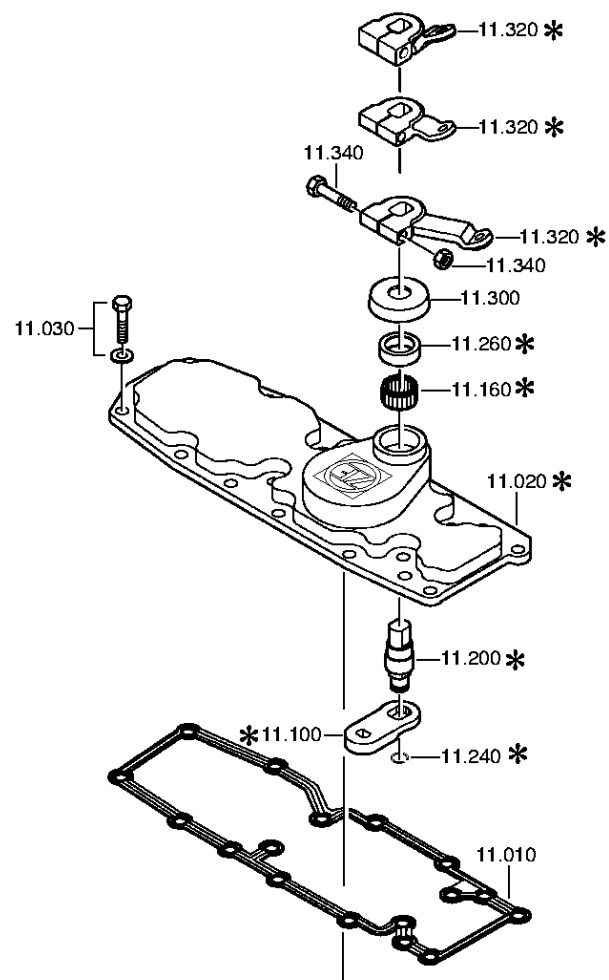
Material number: 1356.002.114

Plant: 068.10.02-1

OIL SUPPLY



16 S 2230 TO /
OIL SUPPLY



Plant

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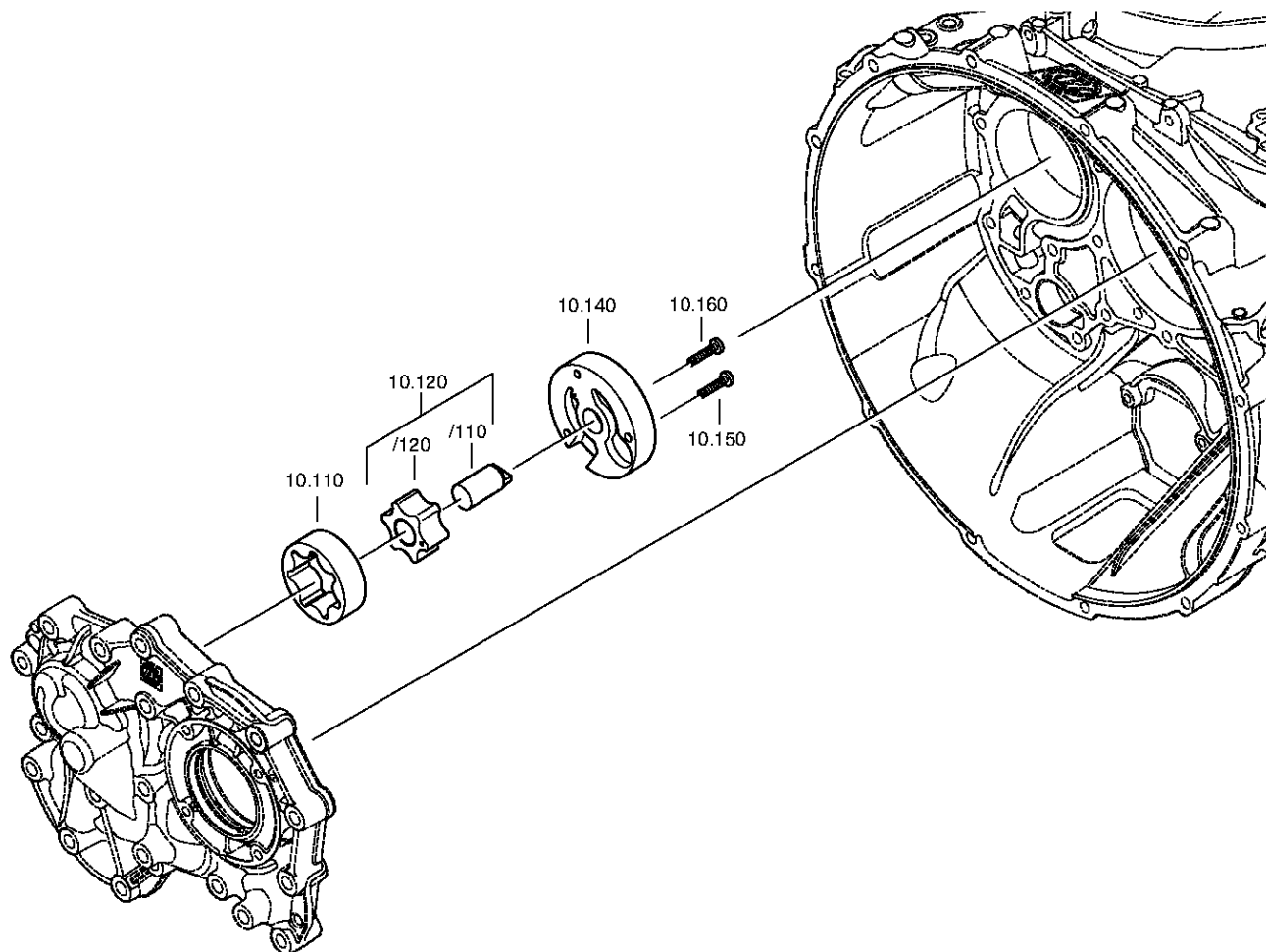
Material number: 1356.002.114

Plant: 161.10.01-1

OIL SUPPLY



16 S 2230 TO /
OIL SUPPLY



Parts list

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Material number: 1356.002.114

Plant: 161.10.04-1

Material-assembly-group-no: 1356.110.002

16 S 2230 TO /

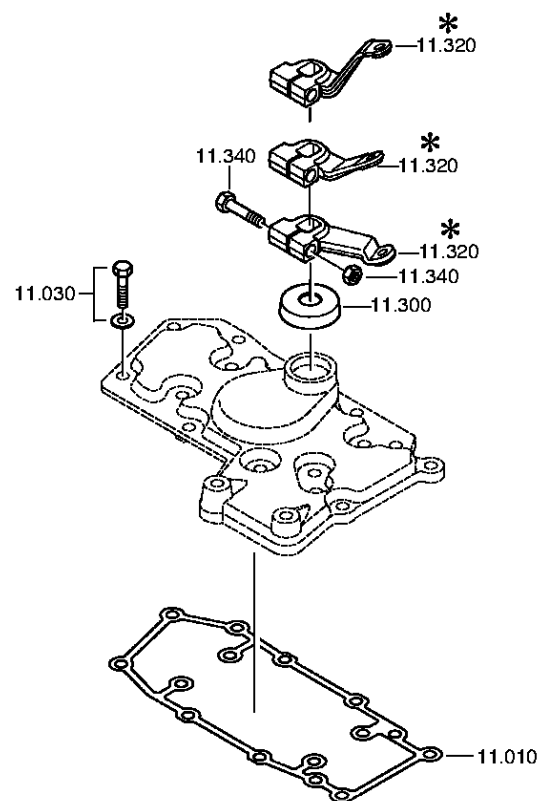
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	0501.318.802	5718 742 08	SCREEN INSERT	1					
10	0501.324.072	1796304	GASKET	1					
20	1315.307.336		COVER	1					
20	1356.301.001		OIL TUBE	1			ECO 4 16G LANG		
30	---		HEXAGON SCREW	5			M8X25		
---	0636.016.401		HEXAGON SCREW	5			M8X25		
---	0630.100.295		WASHER	5		Z00007158414			
70	0730.300.745		WASHER	1			A=3,30 A=3,30		
80	0730.150.766		WASHER	1					
90	1315.302.040		SPACER RING	1					
100	1315.307.375		SELECTOR LEVER	1					
110	1315.303.027	5 5857 0	ROTOR	1					
120	1314.202.039	5 5842 0	PUMP SHAFT	1			KPL.		
140	1325.303.017		PUMP COVER	1					
150	0736.101.076		TORX SCREW	1					
160	0635.303.007	0635303007	NEEDLE SLEEVE	1			22X28X10		
160	0736.101.076		TORX SCREW	1					
200	1315.307.346	1315307346	SELECTOR SHAFT	1					
240	0630.531.240		V-RING	1					
260	---		SHAFT SEAL	1			20X30X7		
---	0734.309.392		SHAFT SEAL	1			20X30X7 FA.CFW		

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Plant: 068.10.04-1



16 S 2230 TO /
SELECTOR LEVER



Parts list

Page 1 from 1



Material number: 1356.002.114

Plant: 068.10.04-1

Material-assembly-group-no: 1341.111.803

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
300	0501.324.645		PROTECTION CAP	1		Z00002098310			

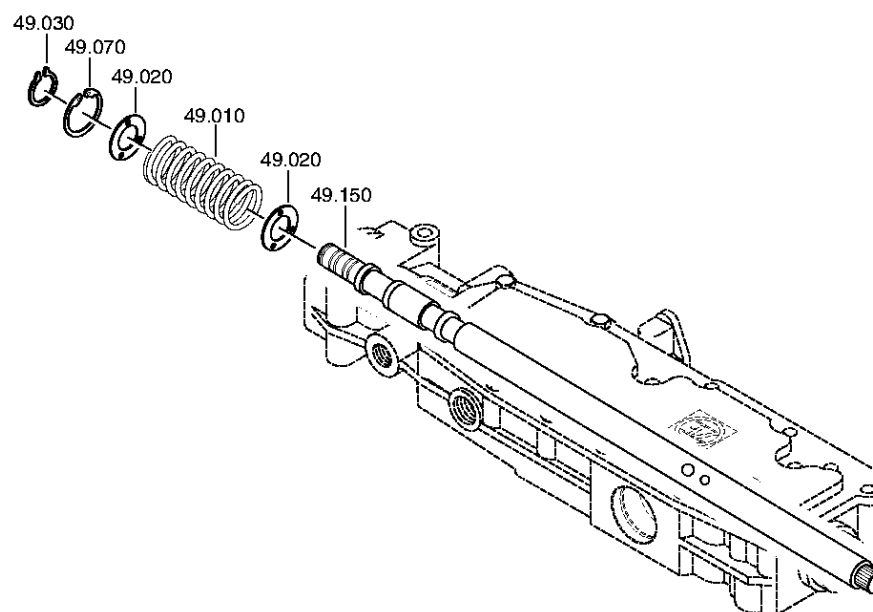
Material number: 1356.002.114

Plant: 068.12.08-1

Material-assembly-group-no: 1316.149.467



16 S 2230 TO /
SET OF SPRINGS



Parts list

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Material number: 1356.002.114

Plant: 068.12.08-1

Material-assembly-group-no: 1316.149.467

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	0732.040.630	0971350020	COMPRESSION SPRING	1		Z00024174610			
20	0730.301.376	1884285	WASHER	2		Z00024174610			
30	0630.532.138	5004143	V-RING	1		Z00024174610			
70	0630.502.022	100CP2729	RETAINING RING	1		Z00024174610	40X1,75		
150	1315.307.327		GEARSHIFT SHAFT	1		Z00024174610	ENTHALT.IN 1315 307 296(1)		

Plant

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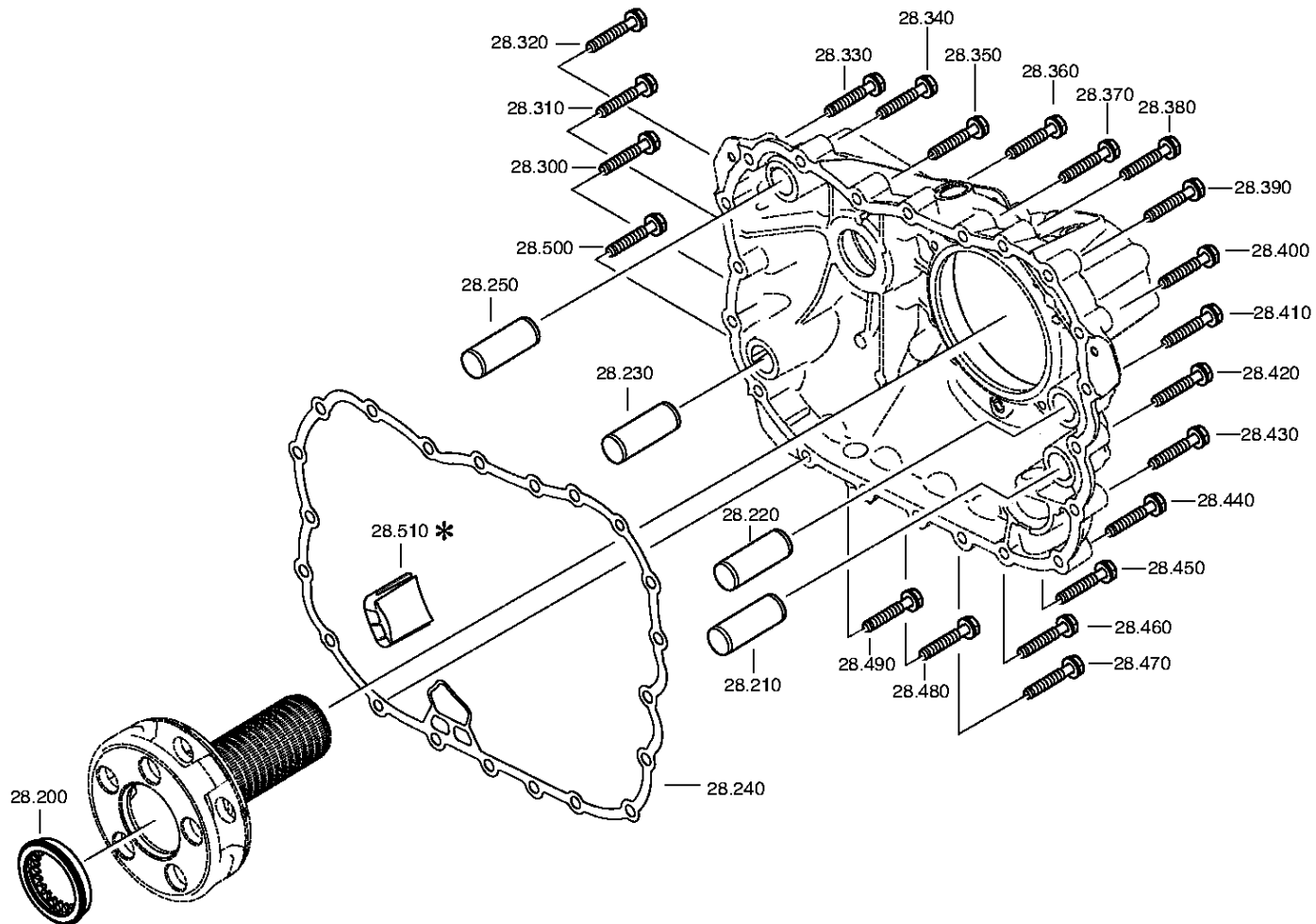
Material number: 1356.002.114

Plant: 161.28.01-1

Material-assembly-group-no: 1325.128.806



16 S 2230 TO /
PLANETARY RANGE



Parts list

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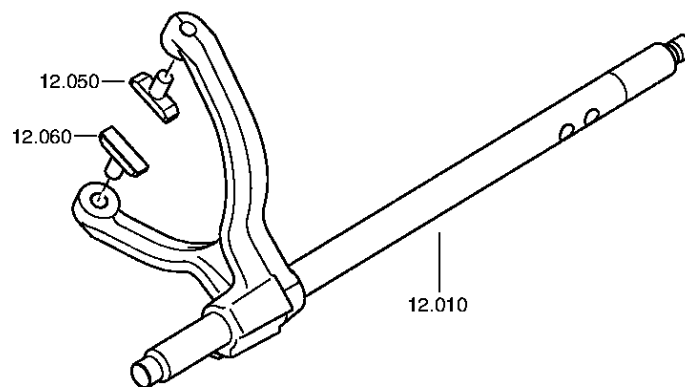
Material number: 1356.002.114

Plant: 161.28.01-1

Material-assembly-group-no: 1325.128.806

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
200	1315.332.054		PRESSURE DISK	1			ENTHALT.IN 1316 332 074(1)		
210	0731.300.002		CYLINDRICAL PIN	1					
220	0731.300.002		CYLINDRICAL PIN	1					
230	0731.300.002		CYLINDRICAL PIN	1					
240	0501.323.705	1825386	GASKET	1					
250	0731.300.002		CYLINDRICAL PIN	1					
300	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
310	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
320	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
330	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
340	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
350	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
360	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
370	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
380	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
390	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
400	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
410	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
420	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
430	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
440	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
450	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
460	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
470	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
480	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
490	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		
500	0636.016.405		HEXAGON SCREW	1		Z00007060111	M10X60		



Plant

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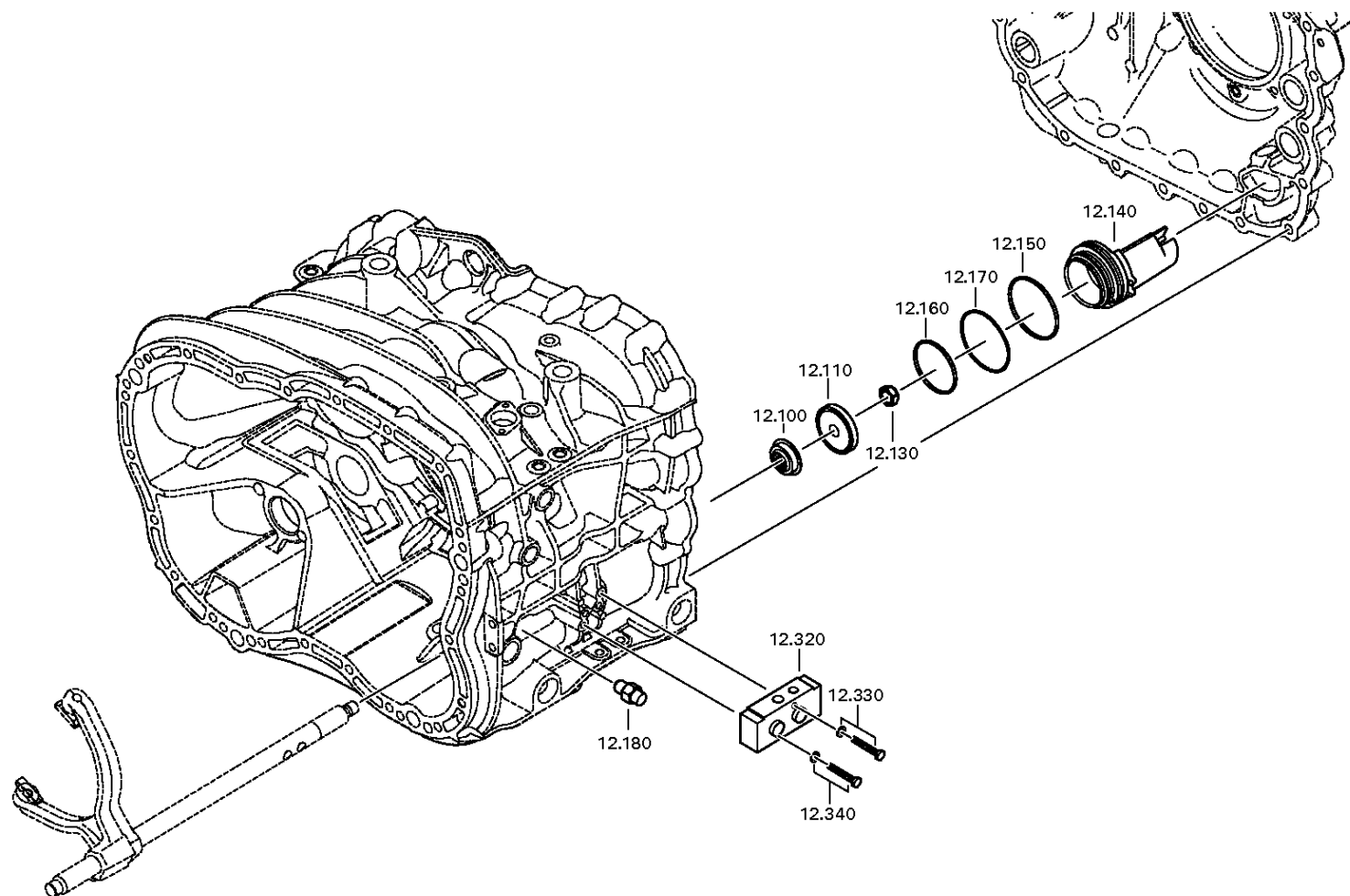
Material number: 1356.002.114

Plant: 161.40.80-1

GV-SHIFT SYSTEM



16 S 2230 TO /
GV-SHIFT SYSTEM



Parts list

Page 1 from 1



Material number: 1356.002.114

Plant: 161.40.01-1

Material-assembly-group-no: 1356.112.001

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	1356.212.002	1831972	GEAR SHIFT RAIL	1			KPL.GV*E32 LANG*16 GANG		
50	1316.306.015	5 5342 0	SLIDING PAD	1					
60	1316.306.015	5 5342 0	SLIDING PAD	1					
100	0750.112.131	8 8342 0	FLANGE PACKING	1		Z00012212711	25X40X15		
110	0501.324.670	1887735	PISTON	1		Z00012212711			
130	0737.300.037	1874075	LOCKING NUT	1			MS16X1,5		
140	1325.312.012		CYLINDER	1		Z00012212711			
150	0634.313.018		O-RING	1		Z00012212711	82X3		
160	0634.313.320	8 8327 0	O-RING	1		Z00012212711	67X3		
170	1315.312.034		SPRING	1		Z00012212711			
180	---		DETENT PLUNGER	1		Z00012212711	235N*50N.M		
---	1324.207.033	H0472564	DETENT PLUNGER	1			KPL. *235 N		
---	0730.008.604	1638154	SEALING RING	1		C01009860C10			
300	0637.510.665		PLUG	1		Z00012212711	M10X1		
320	0501.219.309	1897663	5/2 WAY VALVE	1		Z00015060510			
330	0636.100.468	1897021	SCREW WITH WASHER ASSEMBLY	1		Z00011778410	M6X40		
340	0636.100.468	1897021	SCREW WITH WASHER ASSEMBLY	1		Z00011778410	M6X40		

Plant

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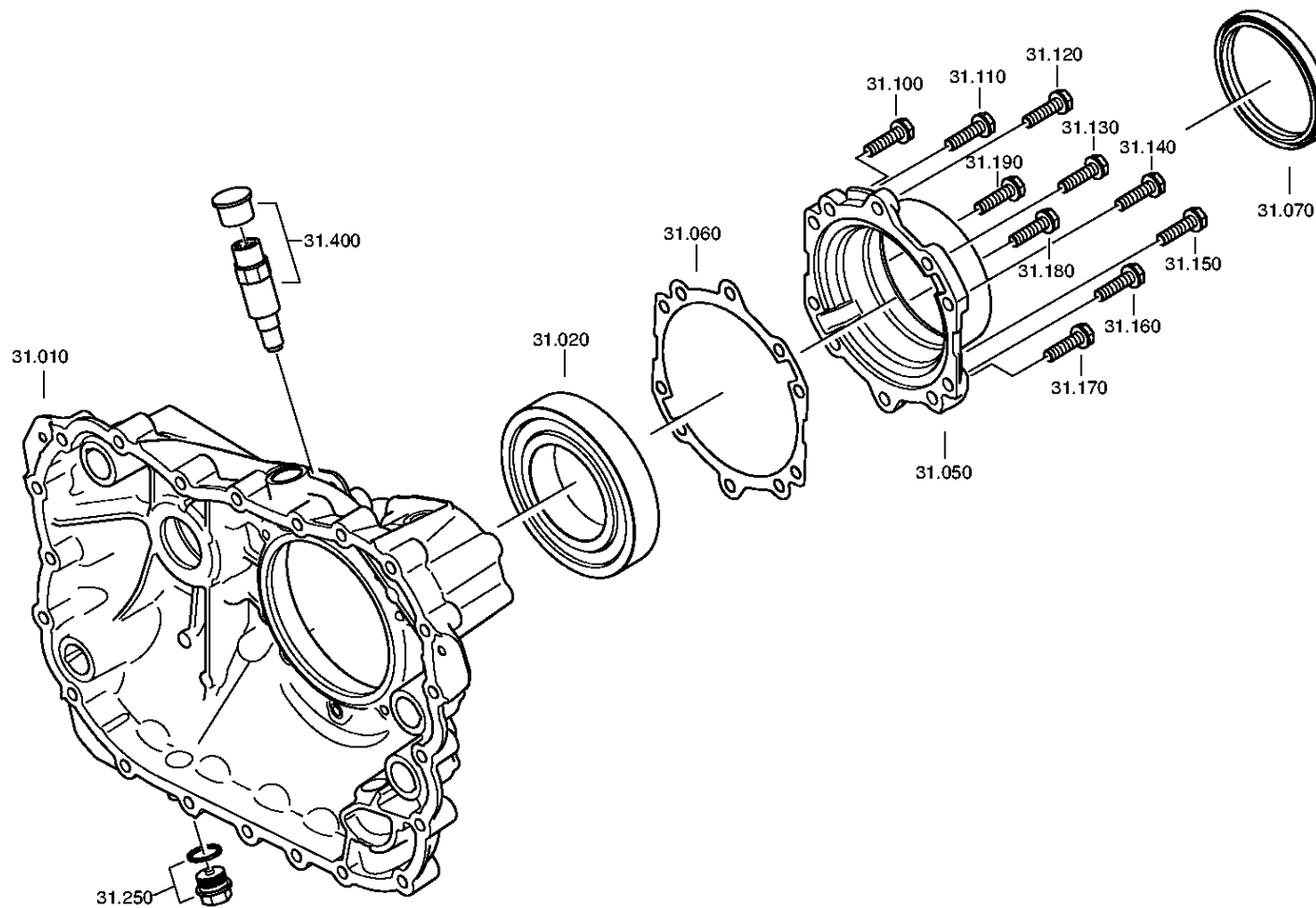
Material number: 1356.002.114

Plant: 161.43.01-1

RC HOUSING



16 S 2230 TO /
RC HOUSING

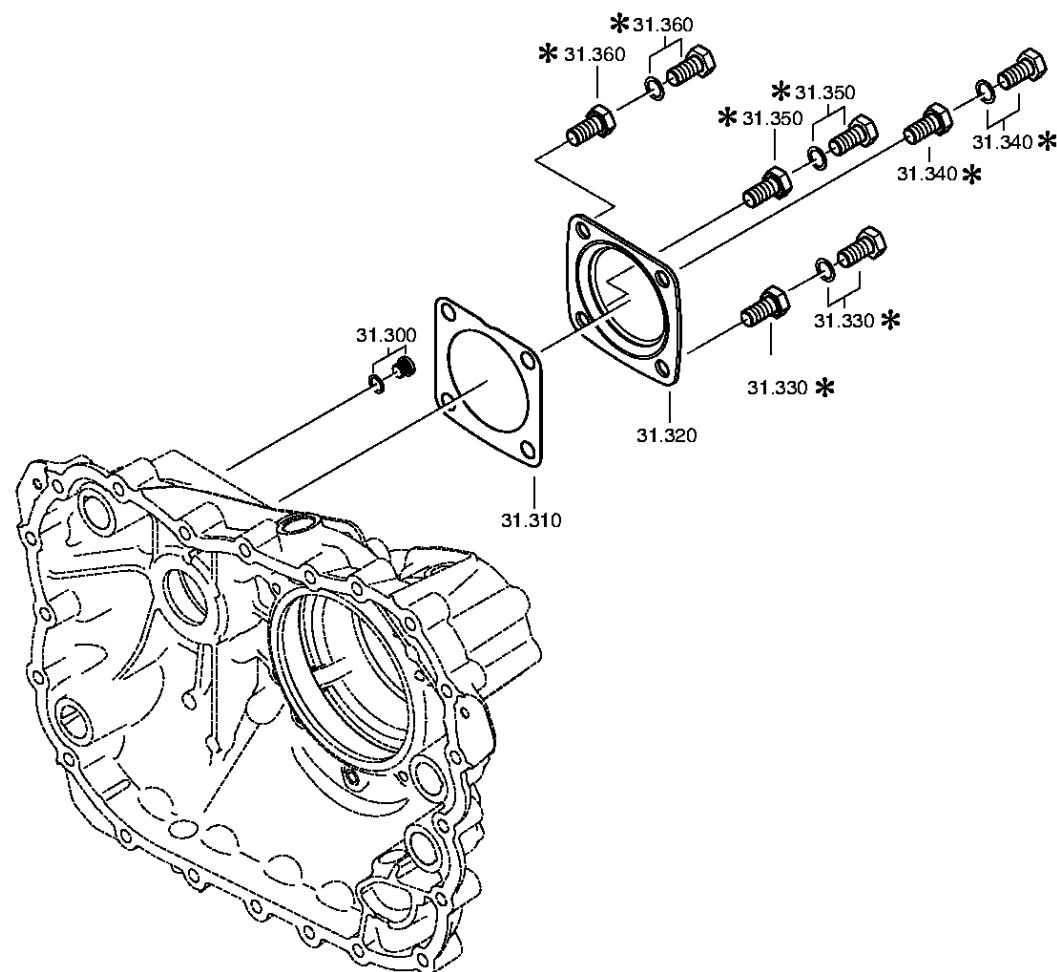


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Plant: 161.43.40-1



16 S 2230 TO /
RC HOUSING



Parts list

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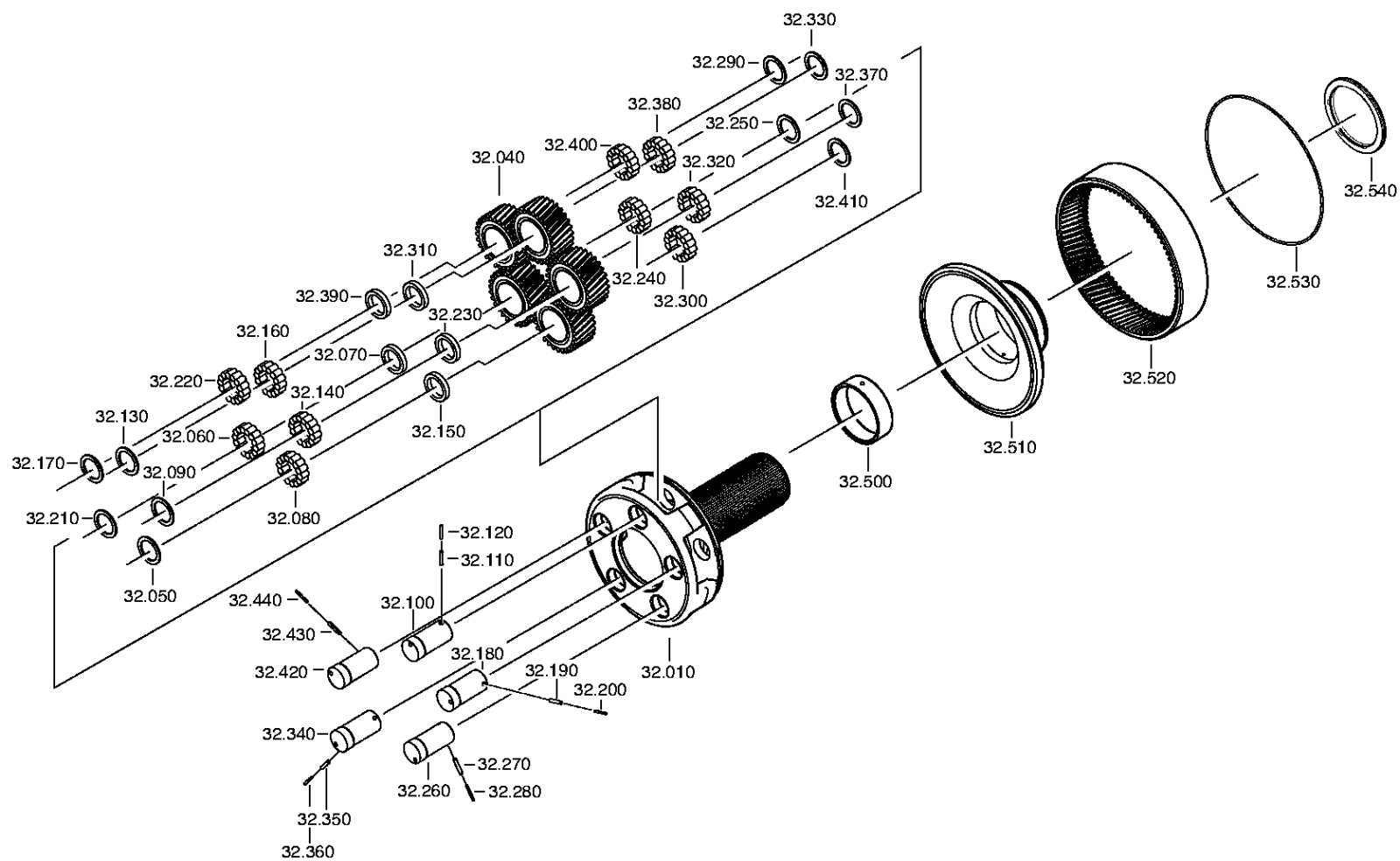
Material number: 1356.002.114

Plant: 161.43.01-1

Material-assembly-group-no: 1325.131.009

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	1325.301.065		TRANSMISSION HOUSING	1					
20	0750.116.394	5 8092 0	BALL BEARING	1			90,0X160,0X30,0		
50	1325.331.001		COVER	1					
60	0501.331.906		GASKET	1		Z00024187410			
70	---		SHAFT SEAL	1		Z00020928810			
---	0734.300.421		SHAFT SEAL	1			105X125X12/16		
100	0636.100.433		HEXAGON SCREW	1		Z00009178010	M10X40		
110	0636.100.433		HEXAGON SCREW	1		Z00009178010	M10X40		
120	0636.100.433		HEXAGON SCREW	1		Z00009178010	M10X40		
130	0636.100.433		HEXAGON SCREW	1		Z00009178010	M10X40		
140	0636.100.433		HEXAGON SCREW	1		Z00009178010	M10X40		
150	0636.100.433		HEXAGON SCREW	1		Z00009178010	M10X40		
160	0636.100.433		HEXAGON SCREW	1		Z00009178010	M10X40		
170	0636.100.433		HEXAGON SCREW	1		Z00009178010	M10X40		
180	0636.100.433		HEXAGON SCREW	1		Z00009178010	M10X40		
190	0636.100.433		HEXAGON SCREW	1		Z00009178010	M10X40		
250	---		SCREW PLUG	1		Z00010176111	M24X1,5		
---	0736.300.160	4471982.1	SCREW PLUG	1		Z00010176110	M24X1,5 M24X1,5		
---	0730.008.637	1428103	SEALING RING	1		Z00010176110	24X29		
300	---		SCREW PLUG	1		C01004359F10	15N.M*DICHTRING M10X1		
---	0636.100.793		SCREW PLUG	1		Z00010111613	M10X1		
---	0730.008.055		SEALING RING	1			10X14		
310	1238.308.201	5006880	GASKET	1			ENTHALT.IN 1238 308 202(2)		
320	1328.301.170	1878388	COVER	1		Z00008068010			
330	0636.016.406		HEXAGON SCREW	1		Z00007061014	M12X25		
340	0636.016.406		HEXAGON SCREW	1		Z00007061014	M12X25		
350	0636.016.406		HEXAGON SCREW	1		Z00007061014	M12X25		
360	0636.016.406		HEXAGON SCREW	1		Z00007061014	M12X25		
400	---		PULSE SENSOR	1		Z00007337710	L= 35,0*35N.M*O.DICHTRING*BAJO* KITAS*SCHUTZKAPPE*FLAE DICHT		
---	0501.221.588		PULSE SENSOR	1					



Plant

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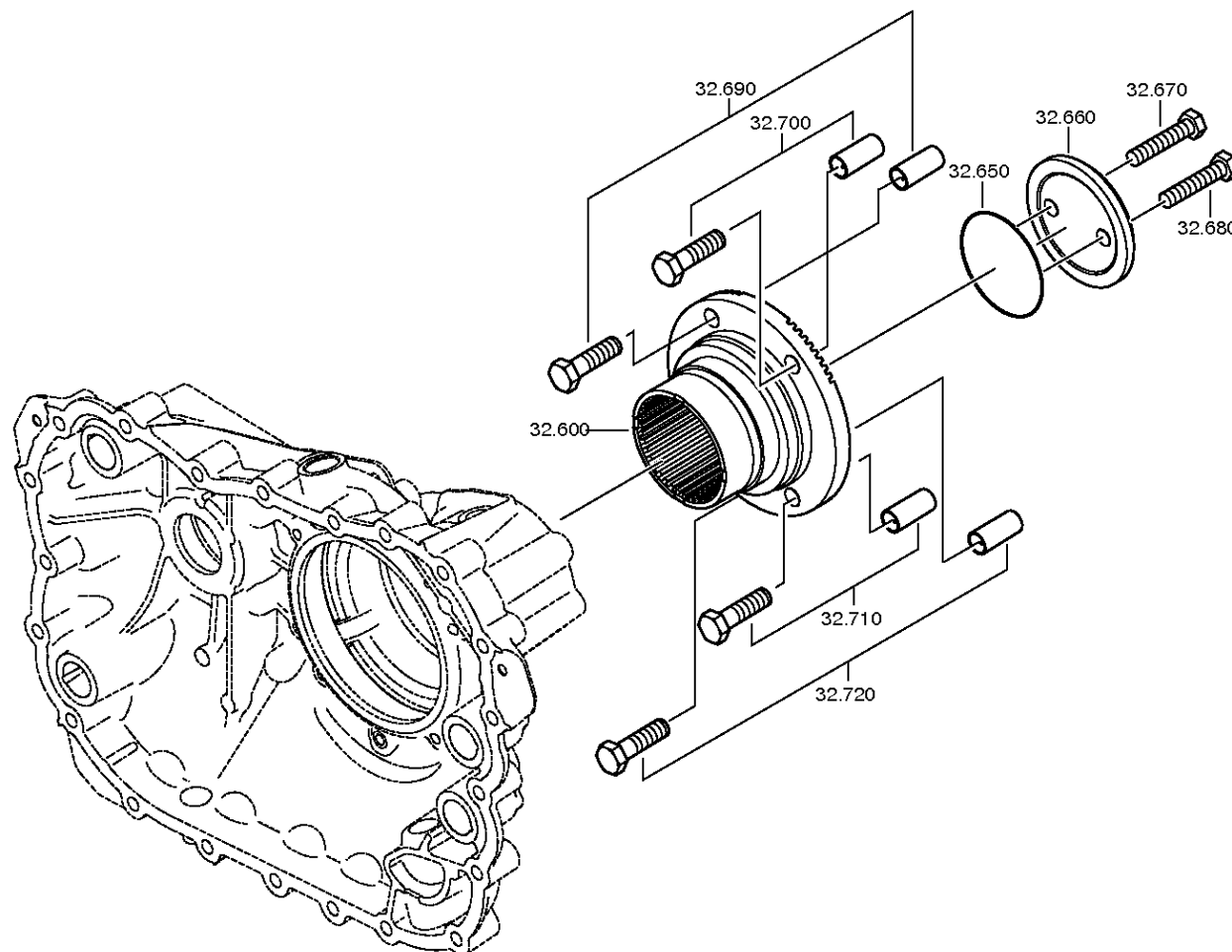
Material number: 1356.002.114

Plant: 161.44.41-1

PLANETARY DRIVE



16 S 2230 TO /
PLANETARY DRIVE



Parts list

Page 1 from 2



Material number: 1356.002.114

Plant: 161.44.01-1

Material-assembly-group-no: 1325.132.003

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	1316.232.039		PLANET CARRIER	1		Z00014438013			
40	1316.232.011	5 5870 0	PLANET GEAR SET	1			KPL.		
50	0730.109.323	H0223698	INTERMEDIATE WASHER	1			A=2,30 IN 0730 105 951(2)		
60	1325.232.001		ROLLER	1			KPL.SATZ*PLANETENRAD		
70	0730.109.309	H0223831	INTERMEDIATE WASHER	1			A=7,90 IN 0730 105 951(2)		
80	1325.232.001		ROLLER	1			KPL.SATZ*PLANETENRAD		
90	0730.109.323	H0223698	INTERMEDIATE WASHER	1			A=2,30 IN 0730 105 951(2)		
100	1316.332.140	1904782	PLANET SHAFT	1		Z00014438013			
110	0631.329.147	1909945	SLOTTED PIN	1			6X26		
120	0631.329.261	1909946	SLOTTED PIN	1			3,5X26		
130	0730.109.323	H0223698	INTERMEDIATE WASHER	1			A=2,30 IN 0730 105 951(2)		
140	1325.232.001		ROLLER	1			KPL.SATZ*PLANETENRAD		
150	0730.109.309	H0223831	INTERMEDIATE WASHER	1			A=7,90 IN 0730 105 951(2)		
160	1325.232.001		ROLLER	1			KPL.SATZ*PLANETENRAD		
170	0730.109.323	H0223698	INTERMEDIATE WASHER	1			A=2,30 IN 0730 105 951(2)		
180	1316.332.140	1904782	PLANET SHAFT	1		Z00014438013			
190	0631.329.147	1909945	SLOTTED PIN	1			6X26		
200	0631.329.261	1909946	SLOTTED PIN	1			3,5X26		
210	0730.109.323	H0223698	INTERMEDIATE WASHER	1			A=2,30 IN 0730 105 951(2)		
220	1325.232.001		ROLLER	1			KPL.SATZ*PLANETENRAD		
230	0730.109.309	H0223831	INTERMEDIATE WASHER	1			A=7,90 IN 0730 105 951(2)		
240	1325.232.001		ROLLER	1			KPL.SATZ*PLANETENRAD		
250	0730.109.323	H0223698	INTERMEDIATE WASHER	1			A=2,30 IN 0730 105 951(2)		
260	1316.332.140	1904782	PLANET SHAFT	1		Z00014438013			
270	0631.329.147	1909945	SLOTTED PIN	1			6X26		
280	0631.329.261	1909946	SLOTTED PIN	1			3,5X26		
290	0730.109.323	H0223698	INTERMEDIATE WASHER	1			A=2,30 IN 0730 105 951(2)		
300	1325.232.001		ROLLER	1			KPL.SATZ*PLANETENRAD		
310	0730.109.309	H0223831	INTERMEDIATE WASHER	1			A=7,90 IN 0730 105 951(2)		
320	1325.232.001		ROLLER	1			KPL.SATZ*PLANETENRAD		
330	0730.109.323	H0223698	INTERMEDIATE WASHER	1			A=2,30 IN 0730 105 951(2)		
340	1316.332.140	1904782	PLANET SHAFT	1		Z00014438013			
350	0631.329.147	1909945	SLOTTED PIN	1			6X26		
360	0631.329.261	1909946	SLOTTED PIN	1			3,5X26		

Parts list

Page 2 from 2



Material number: 1356.002.114

Plant: 161.44.01-1

Material-assembly-group-no: 1325.132.003

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
370	0730.109.323	H0223698	INTERMEDIATE WASHER	1			A=2,30 IN 0730 105 951(2)		
380	1325.232.001		ROLLER	1			KPL.SATZ*PLANETENRAD		
390	0730.109.309	H0223831	INTERMEDIATE WASHER	1			A=7,90 IN 0730 105 951(2)		
400	1325.232.001		ROLLER	1			KPL.SATZ*PLANETENRAD		
410	0730.109.323	H0223698	INTERMEDIATE WASHER	1			A=2,30 IN 0730 105 951(2)		
420	1316.332.140	1904782	PLANET SHAFT	1		Z00014438013			
430	0631.329.147	1909945	SLOTTED PIN	1			6X26		
440	0631.329.261	1909946	SLOTTED PIN	1			3,5X26		
500	1325.332.011		BUSH	1					
510	1316.332.130	1808019	RING GEAR CARRIER	1					
520	1315.332.041	5 5867 0	RING GEAR	1			IN 1316 332 055(1)		
530	0730.513.583		LOCKING WIRE	1			A=3,20 IN 0730 505 052(2)		
540	0735.298.169	5 8159 0	AXIAL NEEDLE BEARING	1			104,5X128,4X10,0 FA.INA		
600	1325.332.036		OUTPUT FLANGE	1		Z00020928810			
650	0634.313.805	1351646	O-RING	1			82X4		
660	1312.332.028		WASHER	1					
670	0636.011.777		HEXAGON SCREW	1		Z00007292012	M12X60		
680	0636.011.777		HEXAGON SCREW	1		Z00007292012	M12X60		
690	---		HEXAGON SCREW	1			SCHUTZKAPPE M14X1,5X50		
---	0636.100.202		HEXAGON SCREW	1			M14X1,5X50		
700	---		HEXAGON SCREW	1			SCHUTZKAPPE M14X1,5X50		
---	0636.100.202		HEXAGON SCREW	1			M14X1,5X50		
710	---		HEXAGON SCREW	1			SCHUTZKAPPE M14X1,5X50		
---	0636.100.202		HEXAGON SCREW	1			M14X1,5X50		
720	---		HEXAGON SCREW	1			SCHUTZKAPPE M14X1,5X50		
---	0636.100.202		HEXAGON SCREW	1			M14X1,5X50		

Plant

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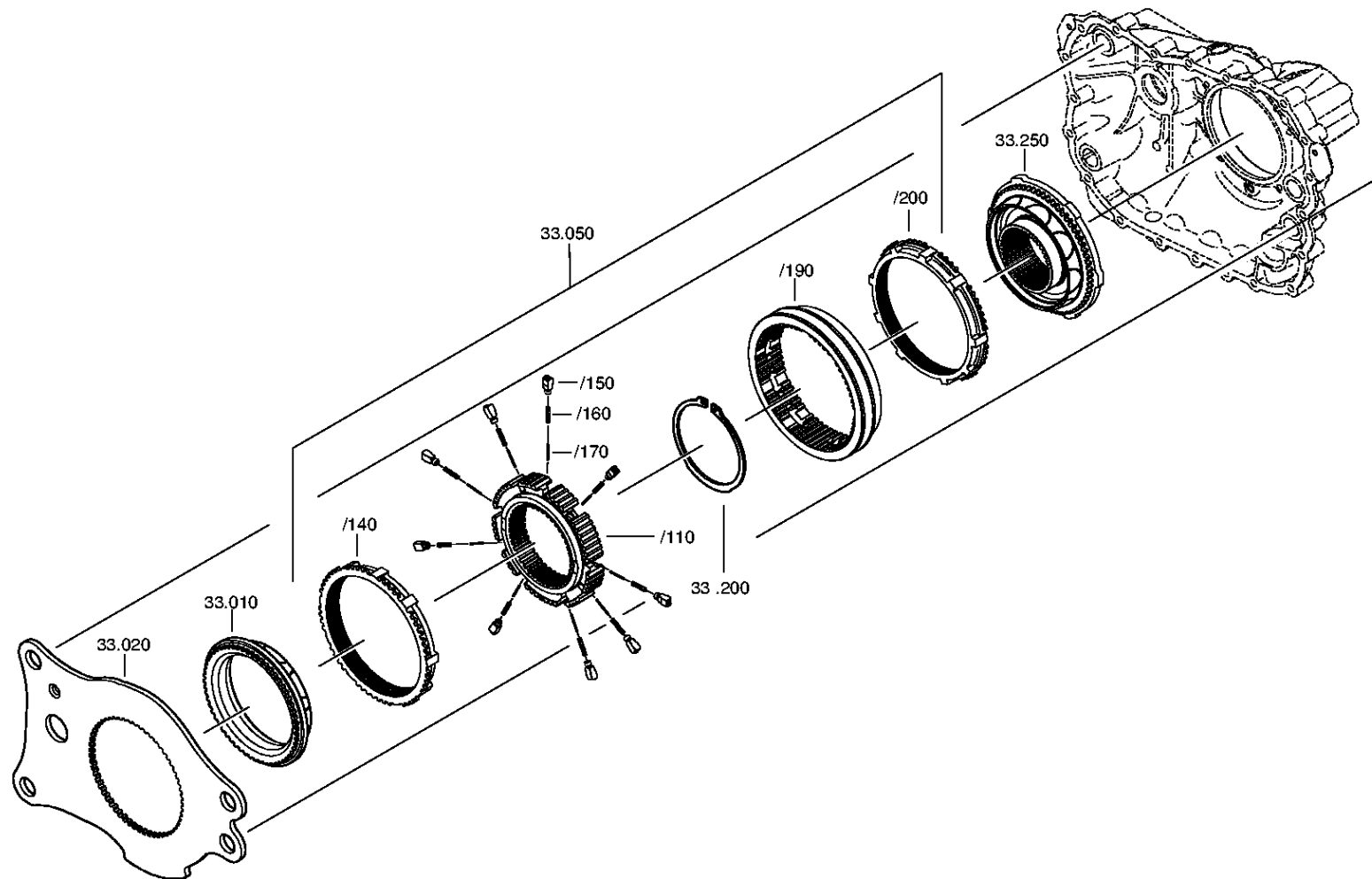
Material number: 1356.002.114

Plant: 161.45.01-1

Material-assembly-group-no: 1325.133.004



16 S 2230 TO /
SYNCHRONIZER



Parts list

Page 1 from 1



Material number: 1356.002.114

Plant: 161.45.01-1

Material-assembly-group-no: 1325.133.004

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	1296.333.050	5 5302 0	CLUTCH BODY	1			ENTHALT.IN 1296.333.053(1)		
20	1325.333.016	1874356	PLATE	1					
50	1325.233.008		SYNCHRONIZER	1			KPL.GP*DRUCKGUSS		
/110	1313.333.001	0069909	SYNCHRO.BODY	1			ENTHALT.IN 1296 333 014(1)		
/140	1296.333.045	5 5301 0	SYNCHRO.RING	1					
/150	1240.304.278	3362640239	PRESSURE PART	9					
/160	0732.040.385	3362640693	COMPRESSION SPRING	9					
/170	0732.040.386	3362640793	COMPRESSION SPRING	9					
/190	1325.333.018	1831914	SLIDING SLEEVE	1					
/200	1296.333.045	5 5301 0	SYNCHRO.RING	1					
200	0630.501.175	0692274	RETAINING RING	1			125X3,7		
250	1325.233.007	1831953	CLUTCH BODY	1			KPL.		

Plant

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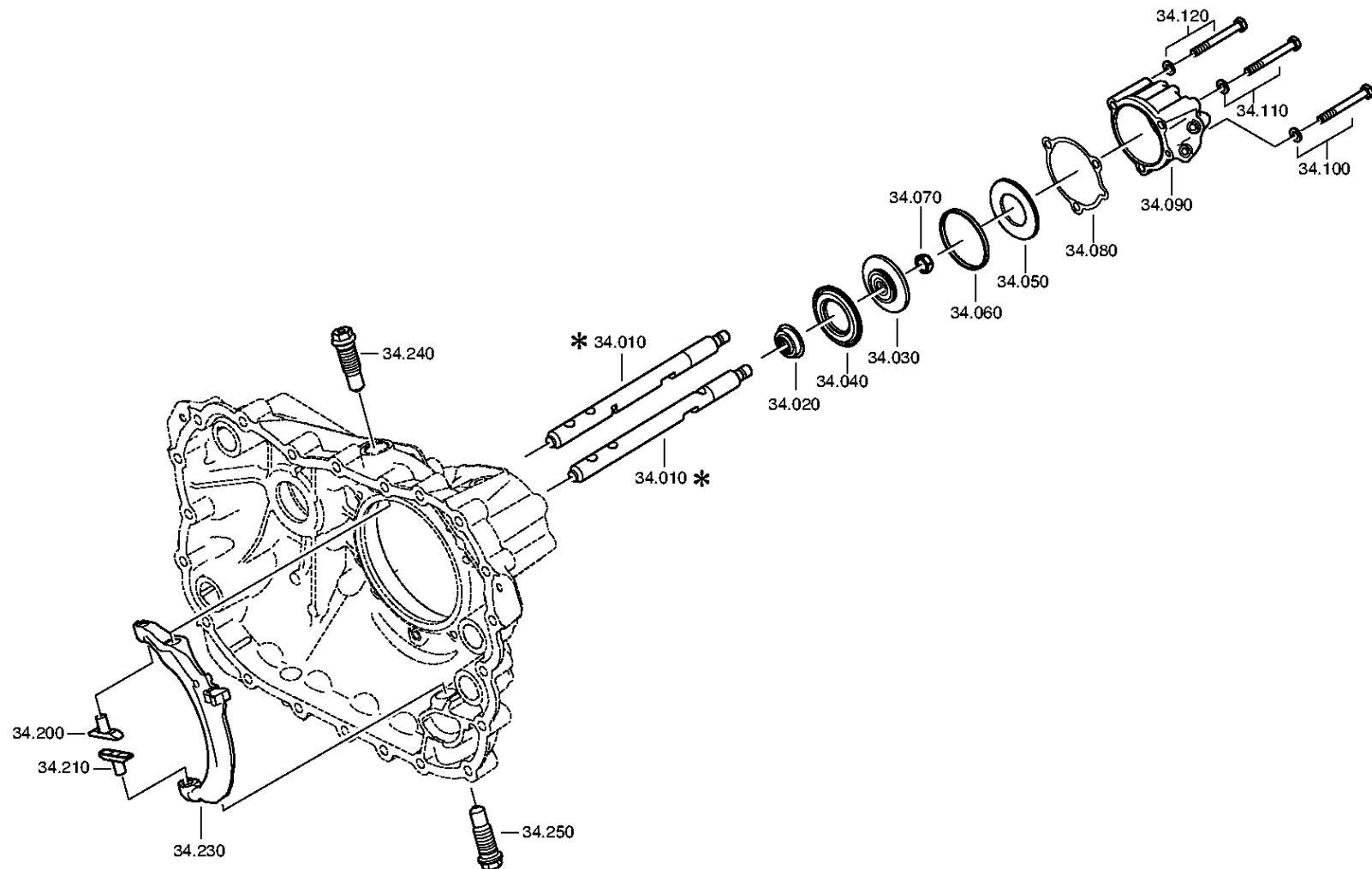
Material number: 1356.002.114

Plant: 161.46.01-1

GP SHIFT SYSTEM



16 S 2230 TO /
GP SHIFT SYSTEM



Plant

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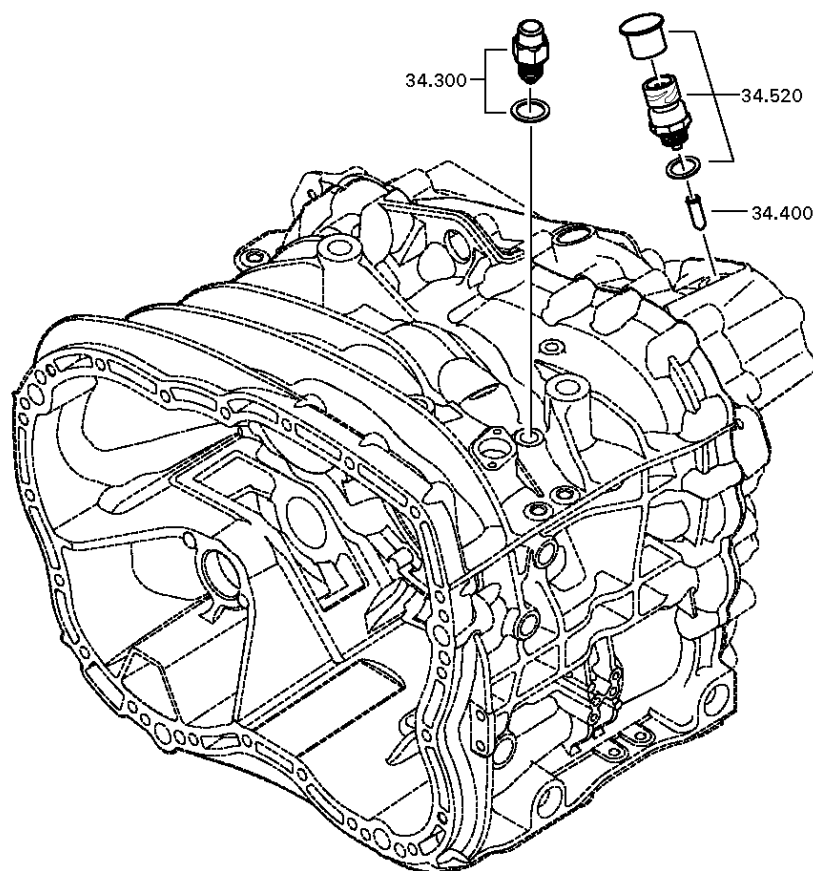
Material number: 1356.002.114

Plant: 161.46.40-1

GP SHIFT SYSTEM



16 S 2230 TO /
GP SHIFT SYSTEM



Parts list

Page 1 from 2



Material number: 1356.002.114

Plant: 161.46.01-1

Material-assembly-group-no: 1325.134.006

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	1325.334.017	1831952	GEAR SHIFT RAIL	1					
20	0750.112.253	5 8342 0	FLANGE PACKING	1			25X40X15		
30	---		PISTON	1			GP		
---	1315.334.034		PISTON	1			ENTHALT.IN 1315 334 040(2)		
---	1315.334.063		PISTON	1					
40	0734.307.294	5 8400 0	SEALING RING	1			49X91X7,4 FA.KACO		
50	0734.307.294	5 8400 0	SEALING RING	1			49X91X7,4 FA.KACO		
60	0750.112.066	5 5131 0	GUIDE RING	1					
70	0737.300.037	1874075	LOCKING NUT	1			MS16X1,5		
80	0501.322.778	1831950	GASKET	1					
90	1325.334.013	1831951	CYLINDER	1			GP		
100	---		HEXAGON SCREW	1		Z00007349210	M10X90		
---	0636.015.688	1896739	HEXAGON SCREW	1		Z00007349212	M10X90		
---	0630.100.294	1894557	WASHER	1		Z00007158111			
110	---		HEXAGON SCREW	1		Z00007349210	M10X90		
---	0636.015.688	1896739	HEXAGON SCREW	1		Z00007349212	M10X90		
---	0630.100.294	1894557	WASHER	1		Z00007158111			
120	---		HEXAGON SCREW	1		Z00007349210	M10X90		
---	0636.015.688	1896739	HEXAGON SCREW	1		Z00007349212	M10X90		
---	0630.100.294	1894557	WASHER	1		Z00007158111			
200	1325.334.008	1831949	SLIDING PAD	1			GP		
210	1325.334.008	1831949	SLIDING PAD	1			GP		
230	1325.334.007	1831948	GEARSHIFT FORK	1			GP		
240	---		SWIVEL SCREW	1			O.SCHEIBE M24X1,5 SK6		
---	1315.334.074	1877888	SWIVEL SCREW	1		Z00004075610			
250	---		SWIVEL SCREW	1			O.SCHEIBE M24X1,5 SK6		
---	1315.334.074	1877888	SWIVEL SCREW	1		Z00004075610			
300	---		DETENT PLUNGER	1			145N*50N.M		
---	1324.207.035	H0472239	DETENT PLUNGER	1			KPL. *145 N		
---	0730.008.604	1638154	SEALING RING	1					
400	1295.212.006		PIN	1			KPL.		
520	---		SWITCH	1		Z00025033610	SCHL*45N.M*DICHTRING*BAJONETT* SCHUTZKAPPE		
---	0501.331.660	2007380	SWITCH	1		Z00025033617			

Parts list

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Material number: 1356.002.114

Plant: 161.46.01-1

Material-assembly-group-no: 1325.134.006

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
---	0634.801.062	1804055	SEALING RING	1		Z00025033617	18X24		

Plant

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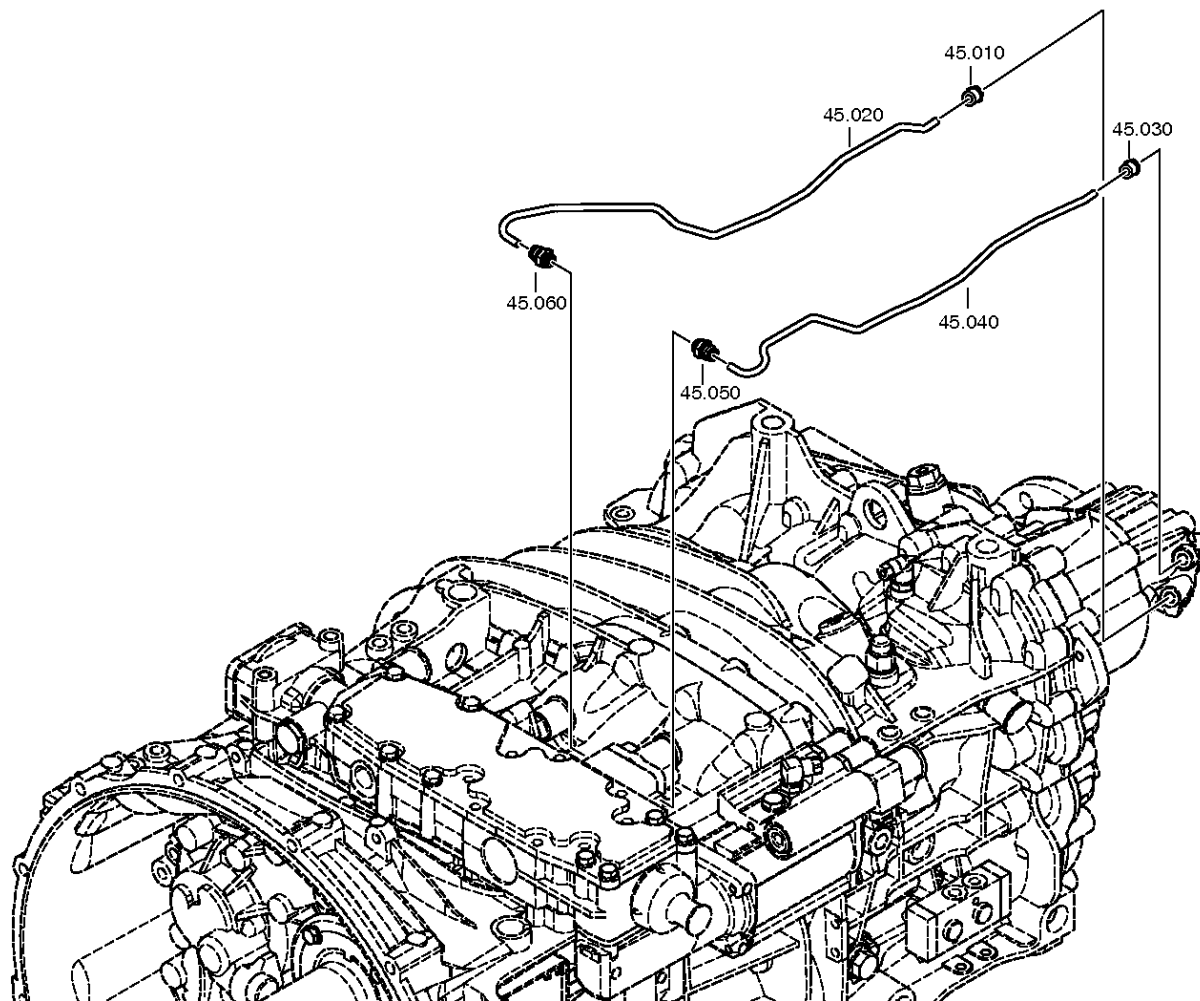
Material number: 1356.002.114

Plant: 161.57.04-1

Material-assembly-group-no: 1325.145.004



16 S 2230 TO /
RANGE SELECTION



Parts list

Page 1 from 1



Material number: 1356.002.114

Plant: 161.57.04-1

Material-assembly-group-no: 1325.145.004

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	0501.324.029		PLUG-IN COUPLING	1					
20	1325.345.009		TUBE	1			H-H		
30	0501.324.029		PLUG-IN COUPLING	1					
40	1325.345.008		TUBE	1			E13MP		
50	0501.326.099		PLUG-IN COUPLING	1			M14X1,5 ROHR 8MM		
60	0501.326.099		PLUG-IN COUPLING	1			M14X1,5 ROHR 8MM		

Plant

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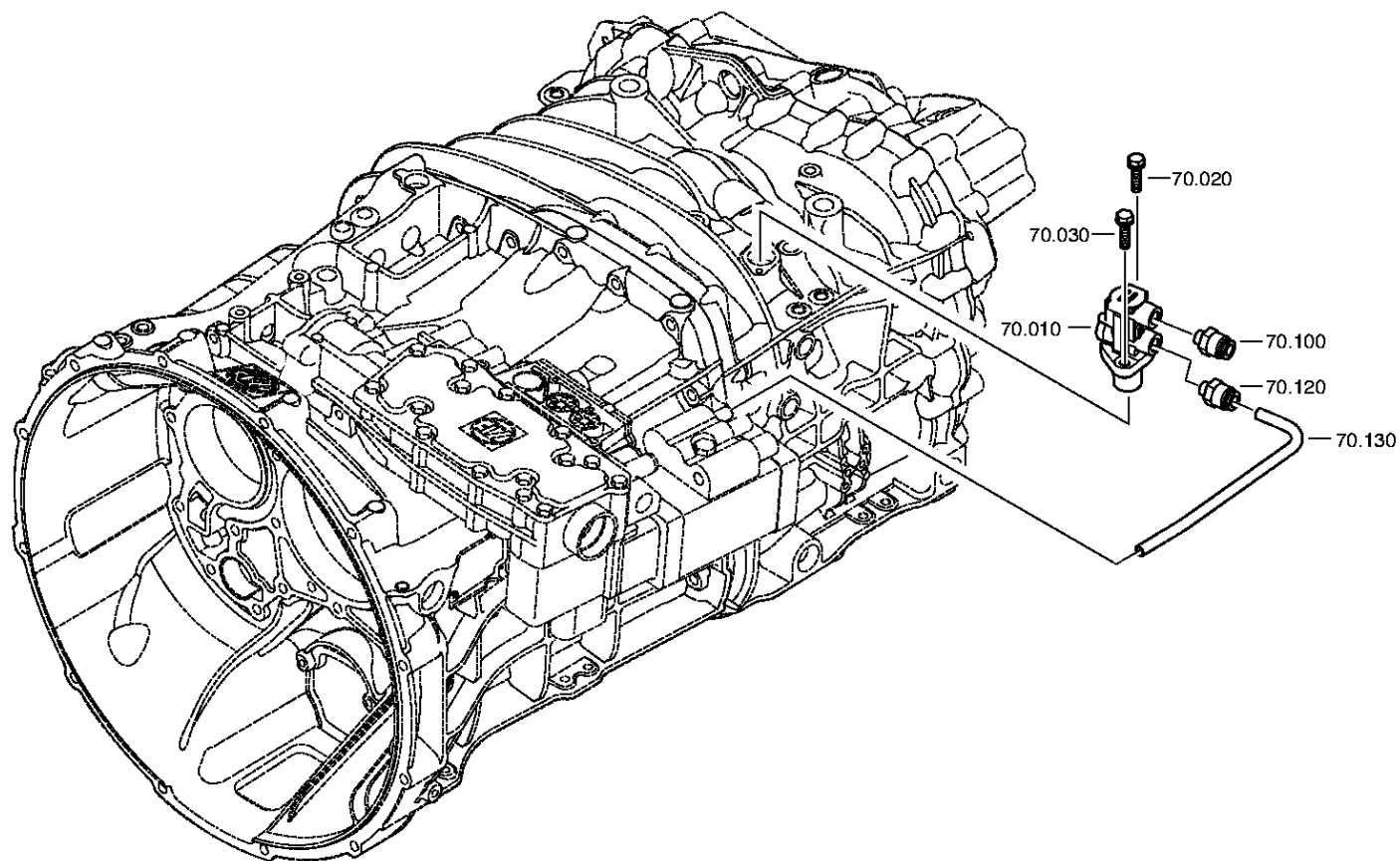
Material number: 1356.002.114

Plant: 161.70.01-1

Material-assembly-group-no: 1356.170.003



16 S 2230 TO /
SHUT-OFF VALVE



Plant

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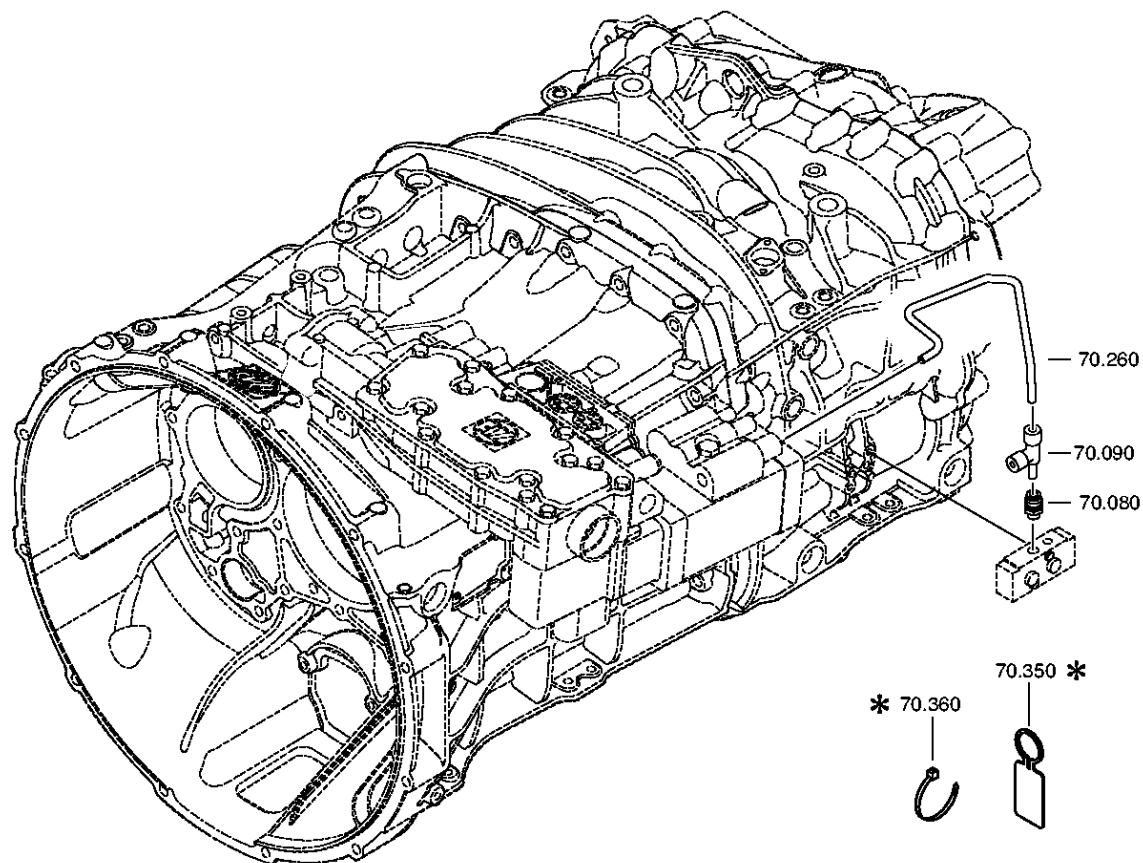
Material number: 1356.002.114

Plant: 161.70.05-1

Material-assembly-group-no: 1356.170.003



16 S 2230 TO /
SHUT-OFF VALVE



Parts list

Page 1 from 1



Material number: 1356.002.114

Plant: 161.70.01-1

Material-assembly-group-no: 1356.170.003

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
80	0501.324.477		PLUG-IN COUPLING	1			M12X1,5 ROHR 8MM		
90	0501.324.457		PLUG-IN COUPLING	1					
92	0637.510.118		PROTECTING SLEEVE	1					
260	1325.345.039		TUBE	1		Z00007299711	8X1 ZWISCHEN DBV UND GV		

Plant

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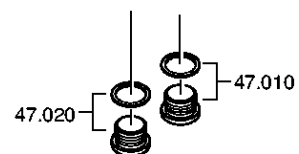
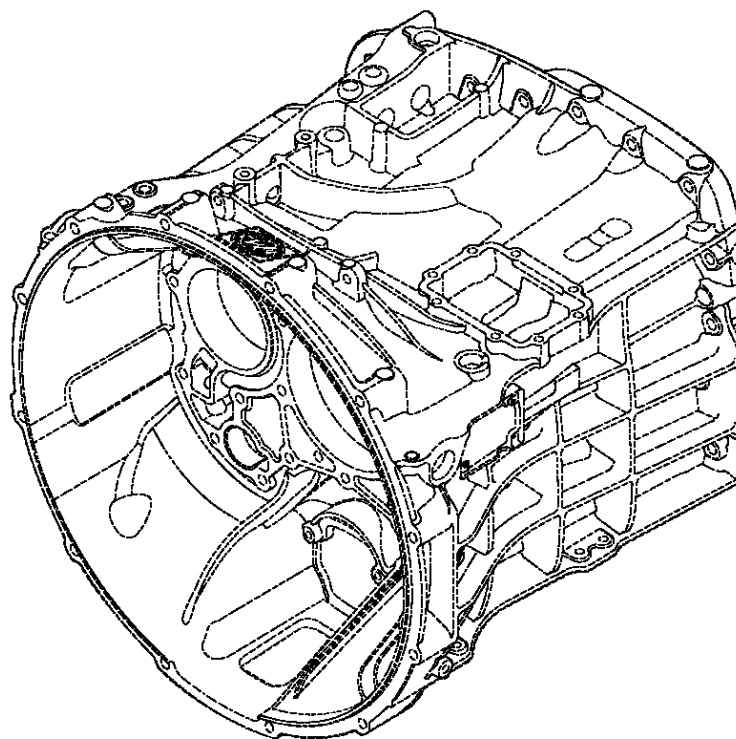
Material number: 1356.002.114

Plant: 161.90.08

Material-assembly-group-no: 1325.147.009



16 S 2230 TO /
SCREW PLUG



Parts list

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Material number: 1356.002.114

Plant: 161.90.08

Material-assembly-group-no: 1325.147.009

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	---		SCREW PLUG	1		Z00010164013	50N.M*DICHTRING M22X1,5		
---	0636.100.824		SCREW PLUG	1		Z00010164019	M22X1,5		
---	0730.009.515	0730009515	SEALING RING	1		Z00010164019	A22X27		
20	---		SCREW PLUG	1		Z00010164013	50N.M*DICHTRING M22X1,5		
---	0636.100.824		SCREW PLUG	1		Z00010164019	M22X1,5		
---	0730.009.515	0730009515	SEALING RING	1		Z00010164019	A22X27		

Plant

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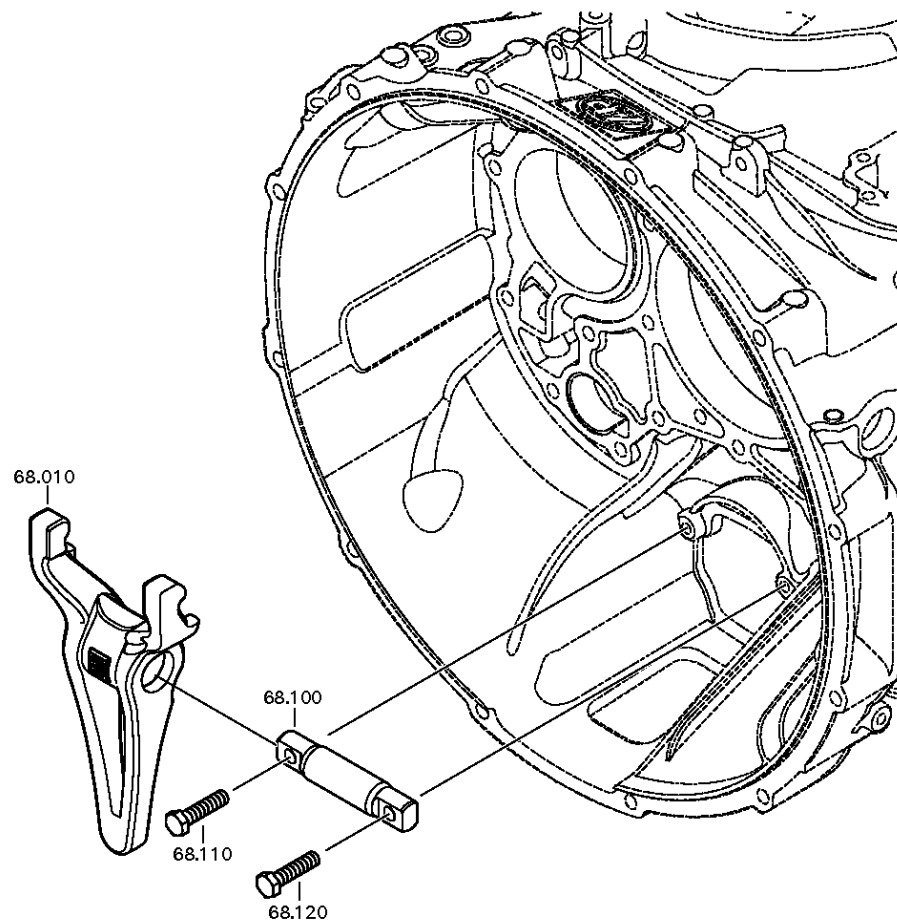
Material number: 1356.002.114

Plant: 161.93.76-1

CLUTCH RELEASE DEVICE



16 S 2230 TO /
CLUTCH RELEASE DEVICE



Plant

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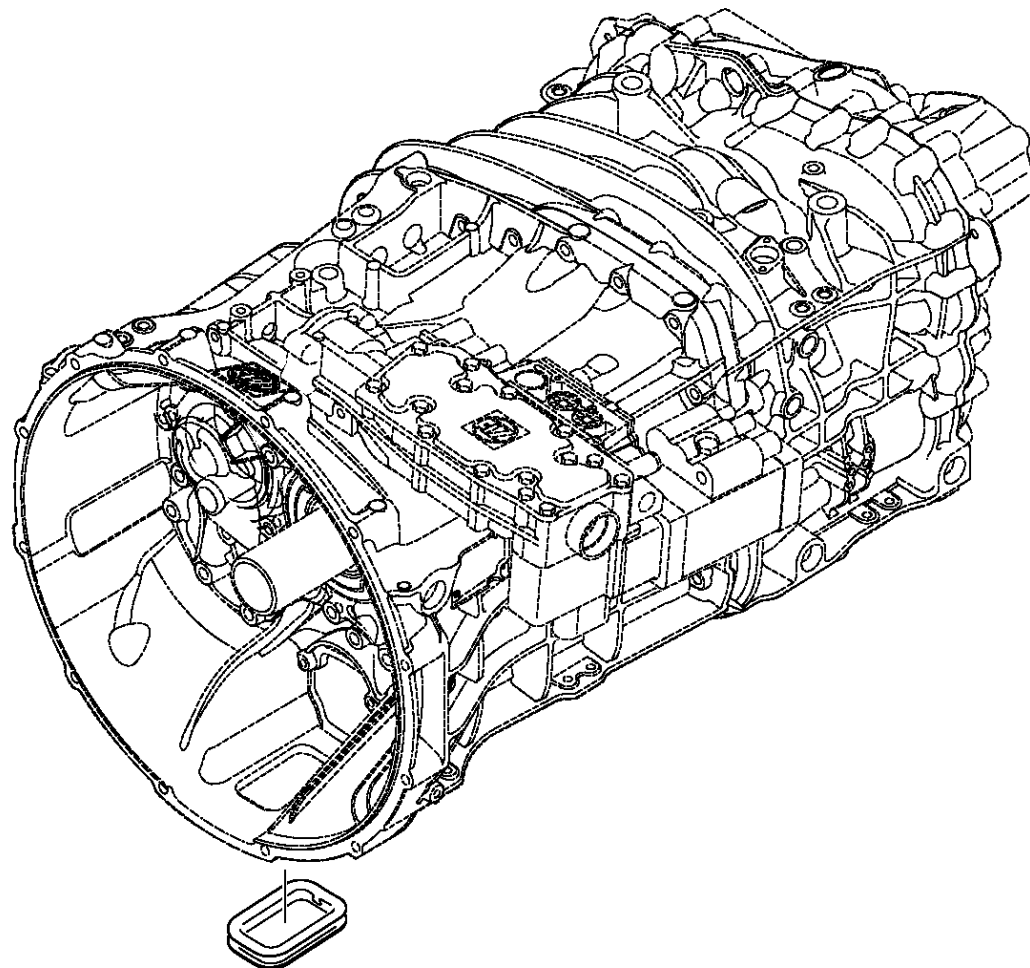
Material number: 1356.002.114

Plant: 161.93.17-1

CLUTCH RELEASE DEVICE



16 S 2230 TO /
CLUTCH RELEASE DEVICE



Parts list

Page 1 from 1



Material number: 1356.002.114

Plant: 161.93.76-1

Material-assembly-group-no: 1325.168.008

16 S 2230 TO /

Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	1325.268.006		RELEASE FORK	1			KPL*GABELWEITE 94,0*KUGEL D=12*I=1,76*OHNE ROLLE*1-SK		
/110	1325.368.007		RELEASE FORK	1					
/120	0501.315.159	1787184	BALL CUP	1			KS12-18-12		
/150	0501.323.199		BEARING BUSH	1					
100	1325.368.008		RELEASE SHAFT	1			A=119,8mm		
110	0636.016.416		HEXAGON SCREW	1		Z00015886110	M12X50		
120	0636.016.416		HEXAGON SCREW	1		Z00015886110	M12X50		
262	1315.301.230	1454283	PROTECTION CAP	1					