



Spare Parts Catalog

16 S 151 PTO

KAMAZ PUBLIC JOINT STOCK COMPANY

Material number: 1315.030.007

ZF Friedrichshafen AG

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zuständiges Werk:

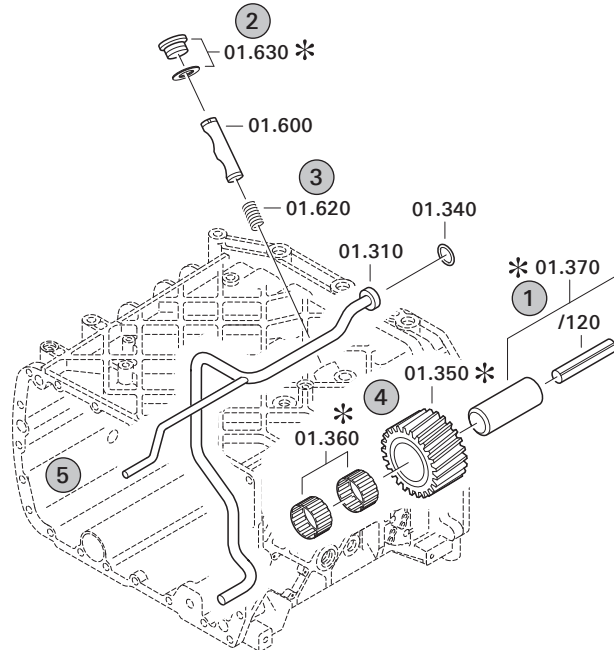
Friedrichshafen

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

Technical Cover

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Material number: 1315.030.007

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
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Pos.	Information	Amendment number
001	Use case -----	
002	Customer KAMAZ PUBLIC JOINT STOCK COMPANY	
003	City Naberezhnye Chelny	
004	DUNS 64-493-2113	
005	Vehicle / Apparatus -----	
006	Sales Name	
007	Manufacturer KAMAZ PUBLIC JOINT STOCK COMPANY	
008	Engineering Name	
009	Product Use TRUCK	
010	Vehicle/Hardware Type ROAD TRACTOR	
011	SOP	
012	Engine	
013	Sales Designation	
014	Manufacturer KAMAZ PUBLIC JOINT STOCK COMPANY	
015	Eng.Displ.	
016	Cylinder	
017	Nom. power 265 kW	
018	RPM at nom. power 2200 1/min	
019	Nom. torque 1470 Nm	
020	RPM at nom. torque 1300 1/min	
021	Classification use case -----	
022	APPROVAL NOTE 1 ERSTEINBAU*UEBERPRUEFUNG ERFORDERLICH	
024	DESIGNATION, CLUTCH MFZ430	
025	MANUFACTURER, CLUTCH ZF-SACHS	
026	TOTAL NUMBER OF WHEELS 8	
027	NUMBER OF DRIVING WHEELS 4	
028	DYNAMIC TYRE RADIUS 546 mm	
029	REAR AXLE RATIO 5.11	
033	PERMISS.GROSS VEHICLE WEIGHT 41 t	
035	Product description -----	
037	OUTER DIA. OUTPUT FLANGE RA 180 mm	
038	NO.OF SCREWS OUTPUT FLANGE RA 4	



Pos.	Information	Amendment number
039	DIA. THREAD OUTPUT FL. SCR. RA M14	
040	THREAD PITCH OUTPUT FL SCR. RA 1.5 mm	
041	THREAD LENGTH OUTP.FL SCREW RA 50 mm	
042	REF. LENGTH OUTPUT FLANGE RA 211.5 mm	
043	AUSFUEHRUNG PTO J32 NH 1 C	
044	LAGE PTO J32 CENTRAL	
045	SCHALTUNGSART PTO J32 PNEUMATIC INTEGRATED	
049	OUTPUT SPEED PTO(X N-MOTOR)J32 .91	
050	LAGE SCHALTER PTO J32 X	
051	AUSFUEHRUNG PTO K62 N 221 PL	
052	LAGE PTO K62 TOP	
053	ZAEHNEZAHN PTO ANTR.RAD Z1 K62 85	
054	ZAEHNEZAHN PTO ZW.RAD Z2 K62 67	
055	ZAEHNEZAHN PTO ABTR.RAD Z3 K62 46	
056	OIL CAPACITY, GEARBOX 11 dm3	
058	OIL GRADE PERMISSIBLE ACC. TO TE-ML02	
059	OIL CLASS FIRST FILLING H	
060	CODING OUTER CONSERVATION KA1	
061	SCOPE OUTER CONSERVATION T	
062	CODING INNER CONSERVATION KI2	
063	CONSERVATION SPECIFICATION ZFN 916	
064	COLOR JET BLACK	
065	COLOUR CLASSIFICATION ACC. TO RAL 9005	
066	PAINTING, ZF STANDARD 915 W	
067	Documents -----	
068	CONSERVATION Drawing 1315.192.100	
069	Drawing 1315.651.217	

Assembly group overview

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Material number: 1315.030.007

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Graphics	Pos.	Material number	Name	Quantity	Amend. no.	Techn. Info.
068.A1.01-1	910	1315.051.959	16 S 151	1		
	912	6090.012.030	NH 1 C	1		
054.87.06-1	510	6090.102.001	TYPE PLATE	1		
054.87.06-1	900	6090.102.026	HOUSING	1		
054.87.06-1	910	6090.102.407	CONNECTING PARTS	1		
054.88.05-1	922	6090.103.005	CLOSING COMPONENTS	1		
	914	6090.190.028	ACCESSORIES	1		
054.63.01-1	900	6090.142.804	CONNECTING PARTS	1		
054.87.81-1	920	6090.102.802	ACCESSORIES	1		
	926	6091.016.014	N 221/PL	1		
068.74.60	500	6091.116.006	HOUSING	1		
068.74.58-1	510	6091.116.003	END COVER	1		
068.74.80	520	6091.116.406	STEERING PUMP	1		
068.74.13	530	6091.116.602	STEERING PUMP	1		
068.74.59-1	540	6091.116.007	PLATE	1		

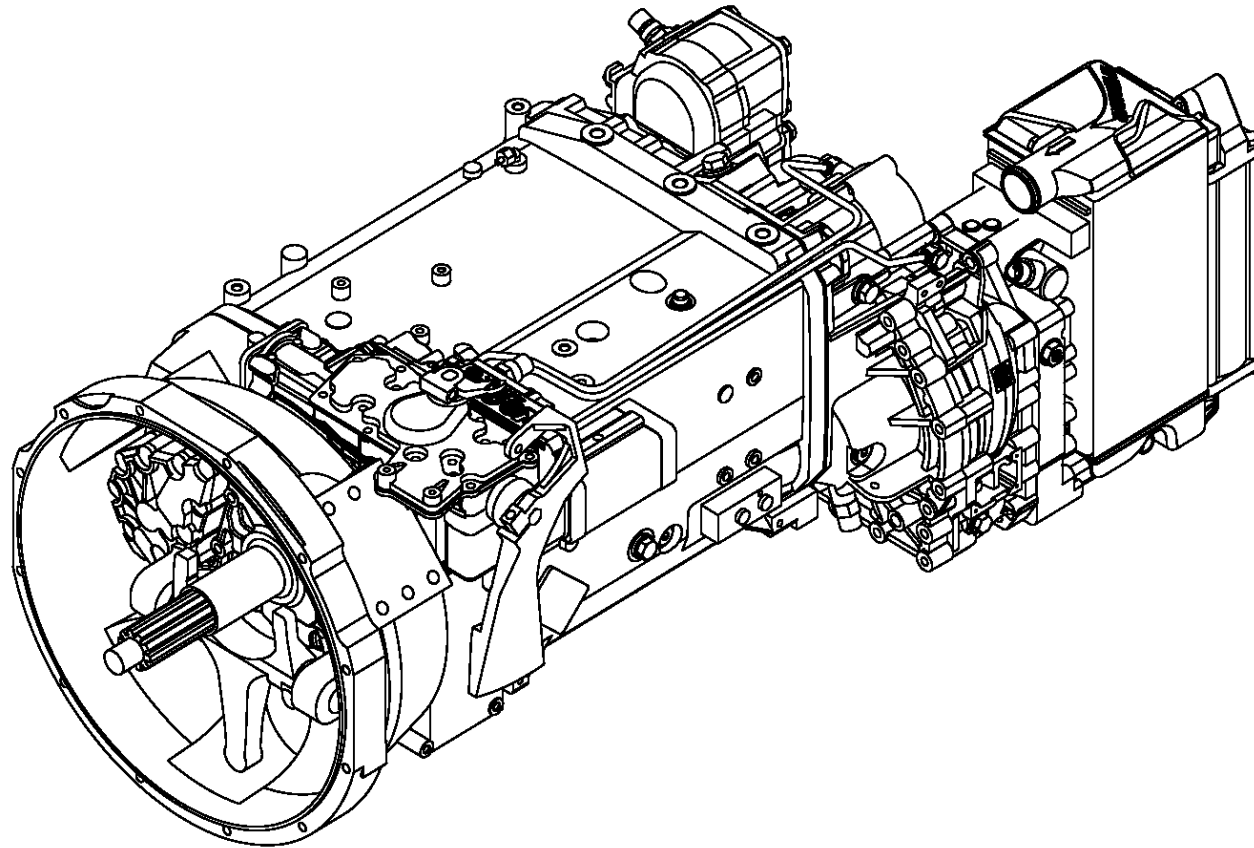
Plant

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Material number: 1315.030.007
Plant: 068.A1.01-1

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16 S 151

Material-assembly-group-no: 1315.051.959



Parts list

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Material number: 1315.030.007

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Material-assembly-group-no: 6090.012.030



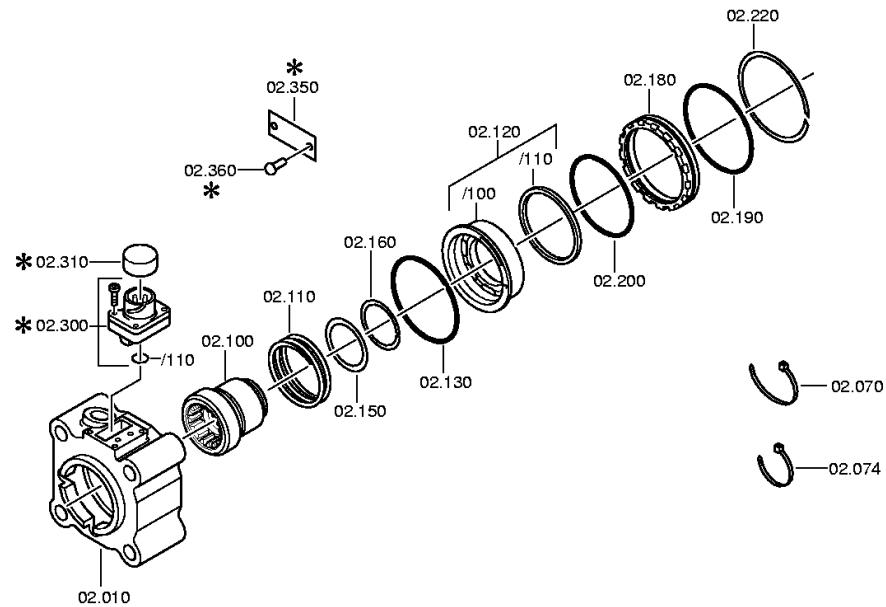
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
510	6090.102.001		TYPE PLATE	1			NH+NL 1/2/4	0,000		
900	6090.102.026		HOUSING	1			NH 1 C *REEDSCHALTER	0,000		
910	6090.102.407		CONNECTING PARTS	1			SCHL *BAJON*REED* LAGE X	0,000		
922	6090.103.005		CLOSING COMPONENTS	1			NH+NL 1	0,000		



HOUSING

Bildtafel:
Figure: 054.87.06
Figure:
Figura:

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



NL I C
NH I C

Parts list

Page 1 from 1

Material number: 1315.030.007

Plant: 054.87.06-1

Material-assembly-group-no: 6090.102.001

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

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Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	6090.301.014		HOUSING	1				0,000		
100	6090.306.021		SLIDING SLEEVE	1				0,000		
110	0732.300.145		COMPRSPRING	1		Z00012054510	NMBT DBV	0,000		
120	6090.206.002		PISTON	1			KPL.MIT MAGNETRING	0,000		
/10	6090.306.020		PISTON	1				0,000		
/20	0501.320.308		MAGNETIC RING	1				0,000		
130	0634.304.698		O-RING	1			73X2	0,000		
150	6090.306.024		WASHER	1				0,000		
160	0630.513.056		SNAP RING	1				3,200		
180	6090.306.015		CENTERING RING	1			A=14,70	0,000		
190	0634.304.698		O-RING	1		C01005194C10	73X2	0,000		
200	0501.320.483		O-RING	1			70X2	0,000		
220	0630.513.135		SNAP RING	1				9,800		
300	---		REED SWITCH	1		Z00004287211	SCHL*BAJONETT* SCHUTZKAPPE	0,000		
---	0501.213.130		REED SWITCH	1		Z00004287210	KPL.	0,000		
/110	0634.303.161		O-RING	1			17X1,5	0,001		
---	---		COMBISCREW	1		Z00004287210	M4X25	0,000		
---	0636.115.084		COMBISCREW	1			M4X25	0,000		
---	0700.300.427		PROTECTION CAP	1		Z00004287210		0,005		
310	0700.300.427		PROTECTION CAP	1				0,005		
350	0730.365.160		TYPE PLATE	1			PTO	0,000		
360	0731.300.027		BLIND RIVET	2		Z00007904810		0,000		

Plant

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Material number: 1315.030.007

Plant: 054.88.05-1

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

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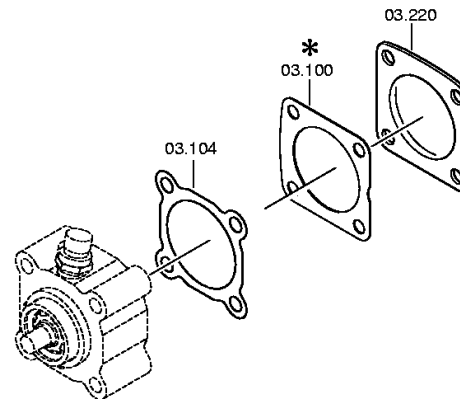
CLOSING COMPONENTS



Material-assembly-group-no: 6090.103.005

Bildtafel:
Figure: 054.88.05
Figure:
Figura:

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



NL I C
NH I C

Parts list

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Material number: 1315.030.007

Plant: 054.88.05-1

Material-assembly-group-no: 6090.103.005

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Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
104	6090.301.009		GASKET	1				0,000		
220	1328.301.170		COVER	1		Z00008068010		0,000		

Parts list

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Material number: 1315.030.007

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Material-assembly-group-no: 6090.190.028



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
900	6090.142.804		CONNECTING PARTS	1			16S151/221*N1/2 *ZW-PROFIL	0,000		
920	6090.102.802		ACCESSORIES	1			NH 1 C*ECOMID* ECOSPLIT *ASTRONIC	0,000		

Plant

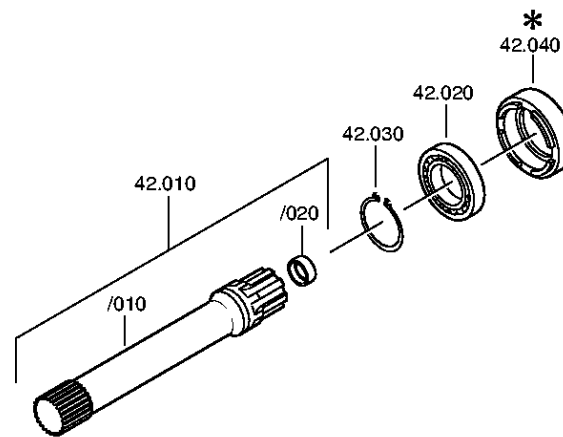
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Material number: 1315.030.007
Plant: 054.63.01-1

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
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CONNECTING PARTS



Material-assembly-group-no: 6090.142.804



Parts list

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Material number: 1315.030.007

Plant: 054.63.01-1

Material-assembly-group-no: 6090.142.804

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

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Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	1316.203.001		INTERMEDIATE SHAFT	1			KPL.N1/2 *ZW-PROFIL	0,000		
/10	1316.303.036		INTERMEDIATE SHAFT	1			ENTHALT.IN 1316 303 035(1)	0,000		
/20	1250.303.095		THRUST RING	1				0,000		
20	0750.116.233		BALL BEARING	1			45,0X75,0X16,0	238		
30	0630.531.055		RETAINING RING	1			45X1,5	0,007		
40	1295.338.083		BUSH	1				0,000		

Plant

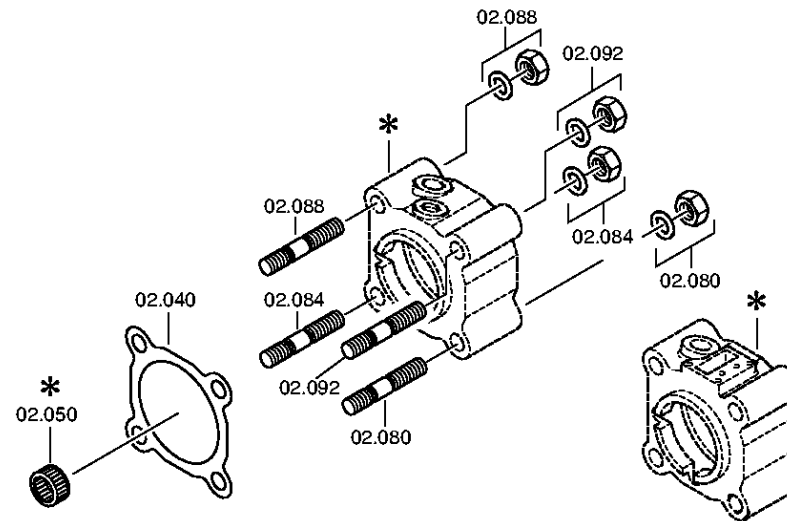
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Material number: 1315.030.007
Plant: 054.87.81-1

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY
ACCESSORIES



Material-assembly-group-no: 6090.102.802



Parts list

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Material number: 1315.030.007

Plant: 054.87.81-1

Material-assembly-group-no: 6090.102.802

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
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Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
40	6090.301.009		GASKET	1				0,000		
80	---		BOLT+NUT	1			M12X80	0,000		
---	0636.100.258		STUD	1		Z00007282110	M12X80	0,000		
---	0730.105.493		WASHER	1			A=2,00	0,000		
---	0737.006.005		HEXAGON NUT	1			M12	0,000		
84	---		BOLT+NUT	1			M12X80	0,000		
---	0636.100.258		STUD	1		Z00007282110	M12X80	0,000		
---	0730.105.493		WASHER	1			A=2,00	0,000		
---	0737.006.005		HEXAGON NUT	1			M12	0,000		
88	---		BOLT+NUT	1			M12X80	0,000		
---	0636.100.258		STUD	1		Z00007282110	M12X80	0,000		
---	0730.105.493		WASHER	1			A=2,00	0,000		
---	0737.006.005		HEXAGON NUT	1			M12	0,000		
92	---		BOLT+NUT	1			M12X80	0,000		
---	0636.100.258		STUD	1		Z00007282110	M12X80	0,000		
---	0730.105.493		WASHER	1			A=2,00	0,000		
---	0737.006.005		HEXAGON NUT	1			M12	0,000		

Parts list

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Material number: 1315.030.007

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Material-assembly-group-no: 6091.016.014



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
500	6091.116.006		HOUSING	1			LENKPUMPE OBEN	0,000		
510	6091.116.003		END COVER	1			LENKPUMPE OBEN	0,000		
520	6091.116.406		STEERING PUMP	1			DG*Z1=85/Z2= 67*ABTR.OBEN * KREUZVERZ*PROF.90* PUMPE 8605+07	0,000		
530	6091.116.602		STEERING PUMP	1			8605*Z46	0,000		
540	6091.116.007		PLATE	1			LENKPUMPE	0,000		

Plant

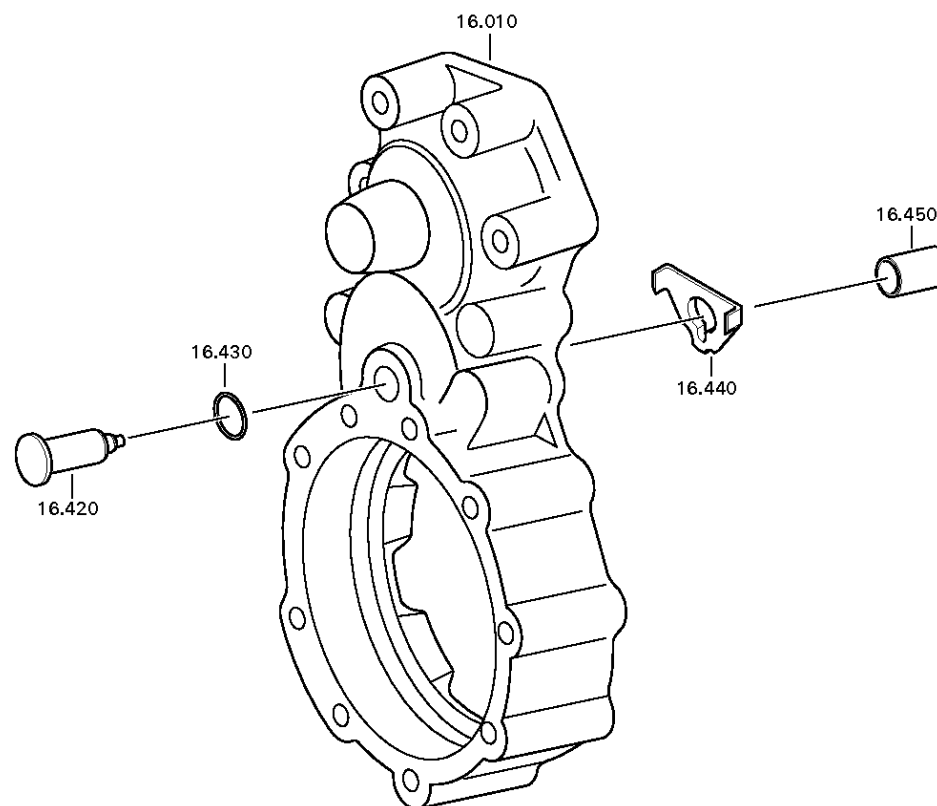
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Material number: 1315.030.007

Plant: 068.74.60

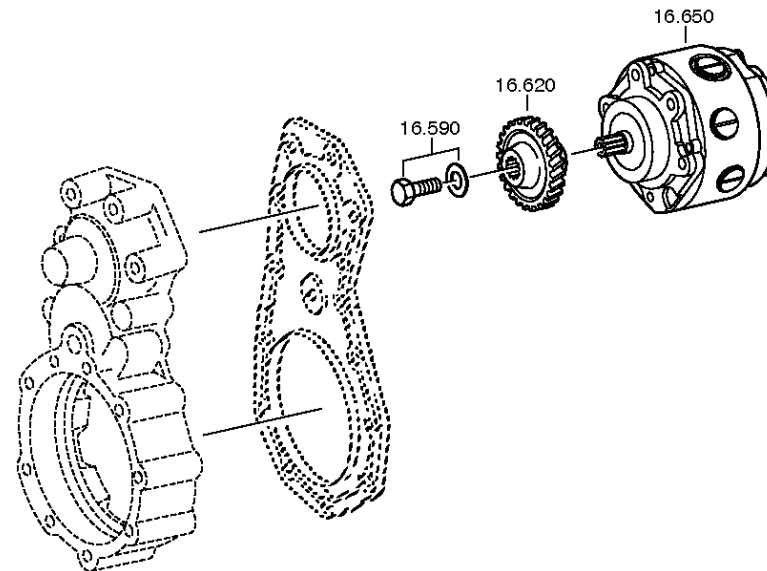
STEERING PUMP

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY
HOUSING



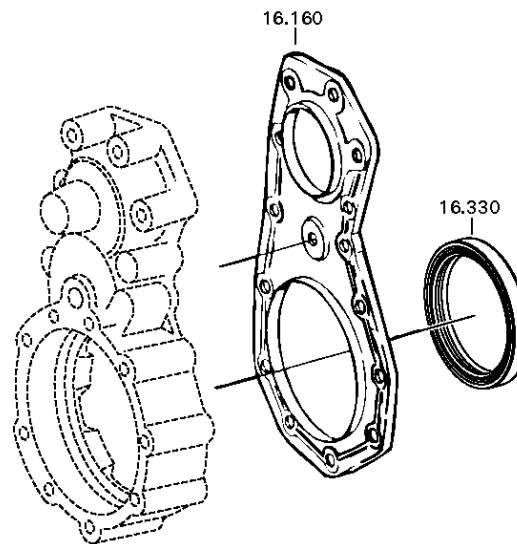


STEERING PUMP





STEERING PUMP



Plant

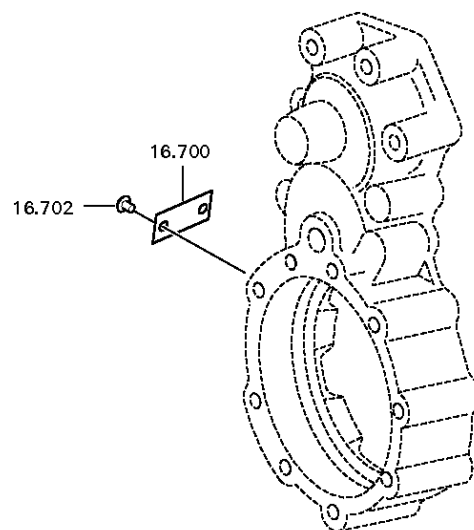
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Material number: 1315.030.007
Plant: 068.74.59-1

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY
HOUSING

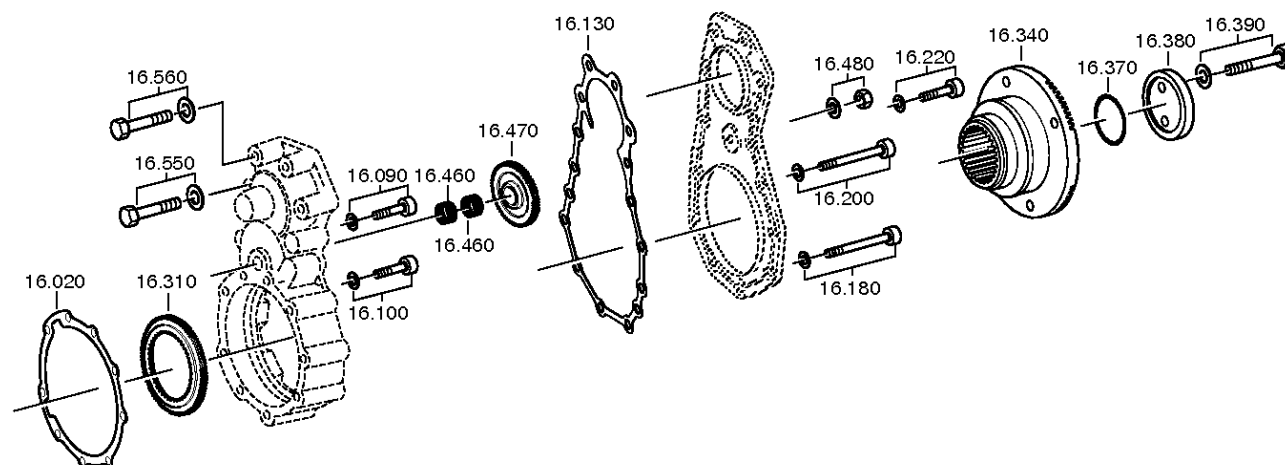


STEERING PUMP





STEERING PUMP



Parts list

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Material number: 1315.030.007

Plant: 068.74.60

Material-assembly-group-no: 6091.116.006

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

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Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	6091.316.004		HOUSING	1			ECOSPLIT LP OBEN	0,000		
20	1315.331.001		GASKET	1		C01005350C10		0,000		
90	---		CAP SCREW	1		C01004001B10	M10X35	0,000		
---	0636.104.116		CAP SCREW	1			M10X35	0,000		
---	0630.100.277		WASHER	1		Z00007164610		0,000		
100	---		CAP SCREW	1		C01004001B10	M10X35	0,000		
---	0636.104.116		CAP SCREW	1			M10X35	0,000		
---	0630.100.277		WASHER	1		Z00007164610		0,000		
130	1295.338.145		GASKET	1			ENTHALT.IN 1295 338 144(1)	0,000		
160	6091.303.018		COVER	1				0,000		
180	---		CAP SCREW	5		C01004001B10	M10X75	0,000		
---	0636.100.308		CAP SCREW	5		Z00007350210	M10X75	0,000		
---	0630.100.277		WASHER	5		Z00007164610		0,000		
200	---		CAP SCREW	2		C01004001B10	M10X75	0,000		
---	0636.100.308		CAP SCREW	2		Z00007350210	M10X75	0,000		
---	0630.100.277		WASHER	2		Z00007164610		0,000		
220	---		CAP SCREW	5		Z00007350110	M10X20	0,000		
---	0636.100.306		CAP SCREW	5			M10X20	0,000		
---	0630.100.277		WASHER	5		Z00007164610		0,000		
310	1312.315.002		INPUT GEAR	1			Z85	0,000		
330	---		SHAFT SEAL	1			105X130X12	0,000		
---	0750.111.341		SHAFT SEAL	1			105X130X12	0,000		
340	1312.315.004		OUTPUT FLANGE	1			ENTHALT.IN 1316 332 064(1)	0,000		
350	---		HEXAGON BOLT	4			SCHUTZKAPPE M14X1,5X50	0,000		
---	0636.100.202		HEXAGON BOLT	4			M14X1,5X50	0,000		
---	1315.332.067		PROTECTION CAP	4				0,000		
370	0634.313.805		O-RING	1			82X4	0,000		
380	1312.332.028		WASHER	1				0,000		

Parts list

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Material number: 1315.030.007

Plant: 068.74.60

Material-assembly-group-no: 6091.116.006

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Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
390	0636.011.777		HEXAGON BOLT	2		Z00007292012	M12X60	0,000		
420	6091.316.005		PIN	1				0,000		
430	0634.304.391		O-RING	1			19X1,5	0,000		
440	1304.313.058		THRUST WASHER	1				0,000		
450	0735.295.067		INNER RING	1			14,0X17,0X26,6 FA.INA	0,000		
460	0735.320.885		NEEDLE CAGE	2			17,0X21,0X13,0 FA.INA	0,000		
470	1304.313.063		IDLER GEAR	1			Z67	0,000		
480	---		HEXAGON NUT	1		C01006461E10	M10	0,000		
---	0637.006.125		HEXAGON NUT	1			M10	10		
---	0501.305.190		USIT RING	1				0,000		
550	---		HEXAGON BOLT	2		Z00007064811	M10X55	0,000		
---	0636.011.759		HEXAGON BOLT	2			M10X55	0,000		
---	0630.100.242		SPRING WASHER	2		Z00007290810		0,000		
560	---		HEXAGON BOLT	2		Z00007064811	M10X55	0,000		
---	0636.011.759		HEXAGON BOLT	2			M10X55	0,000		
---	0630.100.242		SPRING WASHER	2		Z00007290810		0,000		
590	---		HEXAGON BOLT	1			M8X22	0,000		
---	0636.015.086		HEXAGON BOLT	1			M8X22	13		
620	1295.338.127		OUTPUT GEAR	1			Z46	0,000		
700	0730.365.160		TYPE PLATE	1			PTO	0,000		
702	0731.300.027		BLIND RIVET	2		Z00007904810		0,000		



Pos.	Information	Amendment number
001	Use case -----	
002	Customer KAMAZ PUBLIC JOINT STOCK COMPANY	
003	City Naberezhnye Chelny	
004	DUNS 64-493-2113	
005	Product description -----	
006	INSTALLATION POS TRANSMISSION HORIZONTAL LEFT	
007	TRANSMISSION ATTACHMENT FLANGE-MOUNTED	
009	RATIO, BOTTOM GEAR 13.8	
010	RATIO, TOP GEAR .84	
011	RATIO, 1ST GEAR 13.8	
012	RATIO, 2ND GEAR 11.54	
013	RATIO, 3RD GEAR 9.49	
014	RATIO, 4TH GEAR 7.93	
015	RATIO, 5TH GEAR 6.53	
016	RATIO, 6TH GEAR 5.46	
017	RATIO, 7TH GEAR 4.57	
018	RATIO, 8TH GEAR 3.82	
019	RATIO, 9TH GEAR 3.02	
020	RATIO, 10TH GEAR 2.53	
021	RATIO, 11TH GEAR 2.08	
022	RATIO, 12TH GEAR 1.74	
023	RATIO, 13TH GEAR 1.43	
024	RATIO, 14TH GEAR 1.2	
025	RATIO, 15TH GEAR 1	
026	RATIO, 16TH GEAR .84	
027	RATIO, 1ST GEAR REVERSE 12.92	
028	RATIO, 2ND GEAR REVERSE 10.8	
029	SET OF RATIOS SG	
030	UEBERSETZUNGSREIHE BASIS DG	
031	NUMBER OF PLANETARY GEARS 5	
032	UEBERSETZUNG PLANETENSATZ 4.565	
033	AUSF VERZAHNUNG PLANETENSATZ OBLIQUE TOOTHING	



Pos.	Information	Amendment number
034	DESIGN, SHIFT SYSTEM TURNING SHAFT	
035	POSITION, GEAR SHIFT SYSTEM HORIZONTAL LEFT	
036	DESIGN, SHIFT PATTERN H-H	
037	VERSION SHIFT SUPPORT WITHOUT GROOVE	
038	VERSION ACTUATION SHIFT SYSTEM MECHANICAL	
040	VERSION TUBE R/C PLASTIC-FORM-PIPE	
042	VERSION TUBE SERVO WITHOUT PIPING	
044	AUSF RUECKSCHALTG GASSENSPERRE WITHOUT GROOVE	
045	VERSION TUBE GATE INTERLOCK WITHOUT PIPING	
047	1ST CUSTOMER SPEC SHIFT SYSTEM WITHOUT GROOVE	
048	2ND CUSTOMER SPEC SHIFT SYSTEM WITHOUT GROOVE	
049	DIA THROTTLE MAIN CUTOFF VALVE 1.55 mm	
050	NO. TAPPETS MAIN CUTOFF VALVE 2	
051	POS. AIR CON MAIN CUTOFF VALVE F	
057	SELECTION PATTERN VARIANT GEAR SHIFT PATTERN 1	
061	DESIGN, SEPARATING CLUTCH FULL-SYNCHRONIZED	
062	VERSION OF SYNCHRONIZER 1 1.+2.GEAR DK-SYNCHRONIZATION	
063	VERSION OF SYNCHRONIZER 2 3.+4.GEAR BK-SYNCHRONIZATION	
064	REFERENCE LENGTH INPUT SHAFT 109 mm	
065	STANDARD TYPE INPUT SHAFT SAE	
066	NUMBER OF WEDGES INPUT SHAFT 10	
069	VERSION OF INPUT SHAFT FORM C	
070	NOMINAL DIAMETER INPUT SHAFT 2 in	
072	DIAMETER, JOURNAL, INPUT SHAFT 25 mm	
073	TYPE FIT SPIGOTS INPUT SHAFT F7	
074	VER. BEAR. SPIGOTS INPUT SHAFT TAPER ROLLER	
075	LENGTH, INPUT SHAFT 382.5 mm	
076	DIAMETER SHAFT OF INPUT SHAFT 50.3 mm	
077	LENGTH, PROFILE, INPUT SHAFT 120 mm	
078	BUSH VARIANT INPUT SHAFT WITHOUT GROOVE	
079	VERSION BEARING CONSTANT 1 GL	
080	DIAMETER BEARING INPUT SHAFT 99.916 mm	



Pos.	Information	Amendment number
081	TYPE FIT BEAR. INPUT SHAFT H5	
083	DESIGN,CONN., CLUTCH HOUSING SAE 1	
084	CENTR.DIA,HSG/ENGINE CONNECT. 511.175 mm	
085	NUMBER OF BORES,ENGINE CONN. 12	
086	BORE DIA, ENGINE CONNECTION 11 mm	
088	VERSION OF CLUTCH HOUSING INTEGRATED	
089	DESIGN BEARING OUTPUT STANDARD SUSPENSION	
090	VERSION ENGINE CONNECTION NOT FORDABLE	
091	POSITION MOUNT. FACE HOUSING 2 WITHOUT GROOVE	
092	LAENGE SPANNLAPPEN RE MOTANSCH 292 mm	
097	TYPE OF RELEASE MECHANISM WITH	
098	REF.LENGTH,RELEASE BEAR.FLAN -7 mm	
099	DIAMETER, RELEASE FLANGE 60 mm	
100	TYPE FIT RELEASE BEARING FLA. F8	
101	D-LAGERBUCHSE AUSRUECKUNG LI 35 mm	
103	VERSION OF CLUTCH CYLINDER WITH	
104	ASSEMBLY POS. CLUTCH CYLINDER 6	
122	DIMENSION SHIFT TURRET DIST. 256 mm	
123	MEAS. LOC. SHIFT TURRET DIST. SHIFT LEVER-LOCATION	
130	SHIFT LEVER CONNECTION KNURLING	
142	DESIGN, SHIFT PATTERN D6	
143	GRIFF-FORM HANDSCHALTHEBEL 1 1B	
144	AUSF BEFEST HANDSCHALTHEBEL 1 M10+WASHER	
146	HINWEIS PNEUMATIK VALVE	
147	SPRING ARRANGEMENT Q3	
148	SPRING FORCE DETENT PLUNGER RG 150 N	
149	HUMP SPRING FORCE, OUTSIDE 120 N	
150	HUMP SPRING FORCE, CENTRE 70 N	
152	SELECTOR SPRING FORCE, OUTSIDE 100 N	
153	SELECTOR SPRING FORCE, INSIDE 26 N	
154	SPRING FORCE,GEAR DETENT NG+GG 87 N	
155	SPRING FORCE OUTS. DETENT NEUT 200 N	



Pos.	Information	Amendment number
157	ALLOCATION DETENT LEVER VER. B	
165	SWITCH, REVERSE GEAR y	
166	DESIGN, RG (REV.GEAR) SWITCH CLOSING	
167	DESIGN, CONNECTION, RG SWITCH DIN BAYONET	
168	CODE SWITCH RG A1	
169	PROT. CAP SWITCH, REVERSE GEAR y	
171	NOTE ON SWITCH, REVERSE GEAR G.SHIFT SHAFT	
172	SWITCH, NEUTRAL GEAR y	
173	DESIGN,NG(NEUTRAL GEAR)SWITCH OPENING SWITCH	
174	DESIGN, CONNECTION, NG SWITCH DIN BAYONET	
175	CODE SWITCH NG A1	
176	PROT.CAP SWITCH, NEUTRAL GEAR y	
193	FUNCTION OF R/C SWITCH GP	
194	DESIGN, GP SWITCH CLOSING	
195	DESIGN, CONNECTION, GP SWITCH DIN BAYONET	
197	PROTECTING CAP GP SWITCH y	
204	FUNCTION OF S/G SWITCH GV	
205	DESIGN, GV SWITCH PREPARED	
208	PROTECTING CAP GV SWITCH n	
255	ATTACHM.POS.HEAT EXCHANGER IN FRONT LEFT PREPARED	
257	VER. TRANSMISSION VENTILATION BREATHER	
276	VERSION PULSE SENSOR SFA H68 WITH	
280	PROT. CAP PULSE SENSOR SFA H68 y	
281	NO. PULSES PULSE SENSOR SFAH68 6 IMP/U	
286	VER. PULSE SENSOR TRANSM. H70 WITHOUT GROOVE	
290	PROT. CAP PULSE SENSOR TM H70 n	
291	NO PULSES PULSE SENSOR TM H70 6 IMP/U	
292	ASSEMBLY POS PULSE SENSOR H70 1	
293	NOTE ASS. POS PULSE SENSOR H70 INSTALLATION DRAWING	
308	POSITION, OIL FILLER HOUSING LEFT+RIGHT	
309	NOTE ON OIL FILL FILL IN OVERFLOW	
324	Documents -----	



Pos.	Information	Amendment number
325	Drawing 1315.051.503	
326	Drawing 1316.101.035	
327	TURN.SHAFT CONT Drawing 1316.173.100	

Assembly group overview

Material number: 1315.051.959

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COMPANY



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Graphics	Pos.	Material number	Name	Quantity	Amend. no.	Techn. Info.
068.01.05-1	110	1315.101.123	GEARBOX HOUSING	1		
068.01.51-1	120	1315.101.977	GEARBOX HOUSING	1		
068.02.54-1	140	1315.102.429	CONNPLATE	1		
068.02.82-1	150	1315.102.811	INPUT SHAFT	1		
068.02.02-1	910	1315.102.055	INPUT SHAFT	1		
068.03.80-1	180	1316.103.803	LAYSHAFT	1		
068.03.01-1	920	1315.103.019	LAYSHAFT	1		
068.04.12-1	930	1315.104.027	MAIN SHAFT	1		
068.06.01-1	230	1315.106.008	GEAR SHIFT SYSTEM	1		
068.06.43-1	234	1315.106.422	CONNECTING PARTS	1		
068.06.80-1	238	1315.106.800	GEAR SHIFT SYSTEM	1		
068.07.10-1	20	1316.108.846	GEAR SHIFT HOUSING	1		
068.07.53-1	292	1316.108.803	GEAR SHIFT HOUSING	1		
068.07.24-1	910	1316.108.005	HOUSING	1		
068.07.20-1	914	1316.108.402	GEAR SHIFT SHAFT	1		
068.07.58-1	924	1316.108.057	DETENT	1		
068.07.10-1	930	1316.108.816	COVER	1		
068.08.20-1	946	1316.171.003	EXTENSION TOP COVER	1		
068.08.42-1	950	1316.171.812	SHIFT TURRET	1		
068.08.24-1	954	1316.171.401	END COVER	1		
068.09.01-1	934	1316.109.036	CONNECTING PARTS	1		
068.09.13-1	940	1316.109.437	CONNECTING PARTS	1		
068.09.42-1	952	1316.109.439	CONNECTING PARTS	1		
068.09.40-1	962	1316.109.440	CONNECTING PARTS	1		
068.12.02-1	920	1316.149.028	SET OF SPRINGS	1		
068.14.02-1	46	1315.122.810	SUPPORT	1		
068.40.04-1	500	1315.112.014	GV-SHIFT SYSTEM	1		
068.40.40-1	502	1315.112.405	CONNECTING PARTS	1		
068.43.02-1	20	1315.131.036	GP HOUSING	1		
068.43.80-1	512	1315.131.805	GP HOUSING	1		
068.43.43-1	516	1315.131.402	CONNECTING PARTS	1		

Assembly group overview

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Material number: 1315.051.959

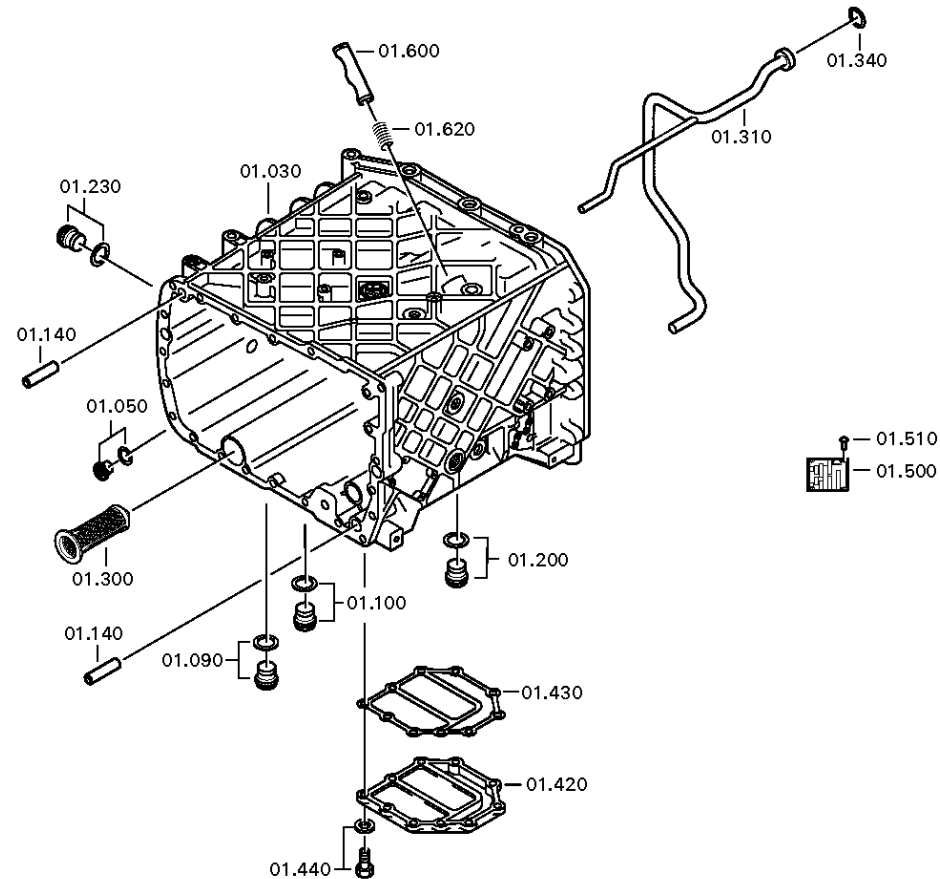
16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY



Graphics	Pos.	Material number	Name	Quantity	Amend. no.	Techn. Info.
068.44.07-1	40	1315.132.015	PLANETARY DRIVE	1		
068.45.04-1	70	1316.133.008	SYNCHRONIZER	1		
068.45.40-1	80	1315.133.405	SYNCHRONIZER	1		
068.46.03-1	90	1315.134.015	GP SHIFT SYSTEM	1		
068.46.40-1	554	1315.134.413	CONNECTING PARTS	1		
068.46.42-1	980	1315.134.426	CONNECTING PARTS	1		
068.57.04-1	390	1315.145.004	RANGE SELECTION	1		
	990	6090.102.411	CONNECTING PARTS	1		
068.93.07	130	1315.168.019	CLUTCH RELEASE DEVICE	1		
068.93.63-1	132	1315.168.412	CLUTCH RELEASE DEVICE	1		
068.94.02-1	24	1316.130.002	ACCESSORIES	1		
062.95.43-1	12	6007.101.452	CONNECTING PARTS	1		
062.98.41-1	40	6005.183.535	GEAR SHIFT LEVER	1		



GEARBOX HOUSING



Plant

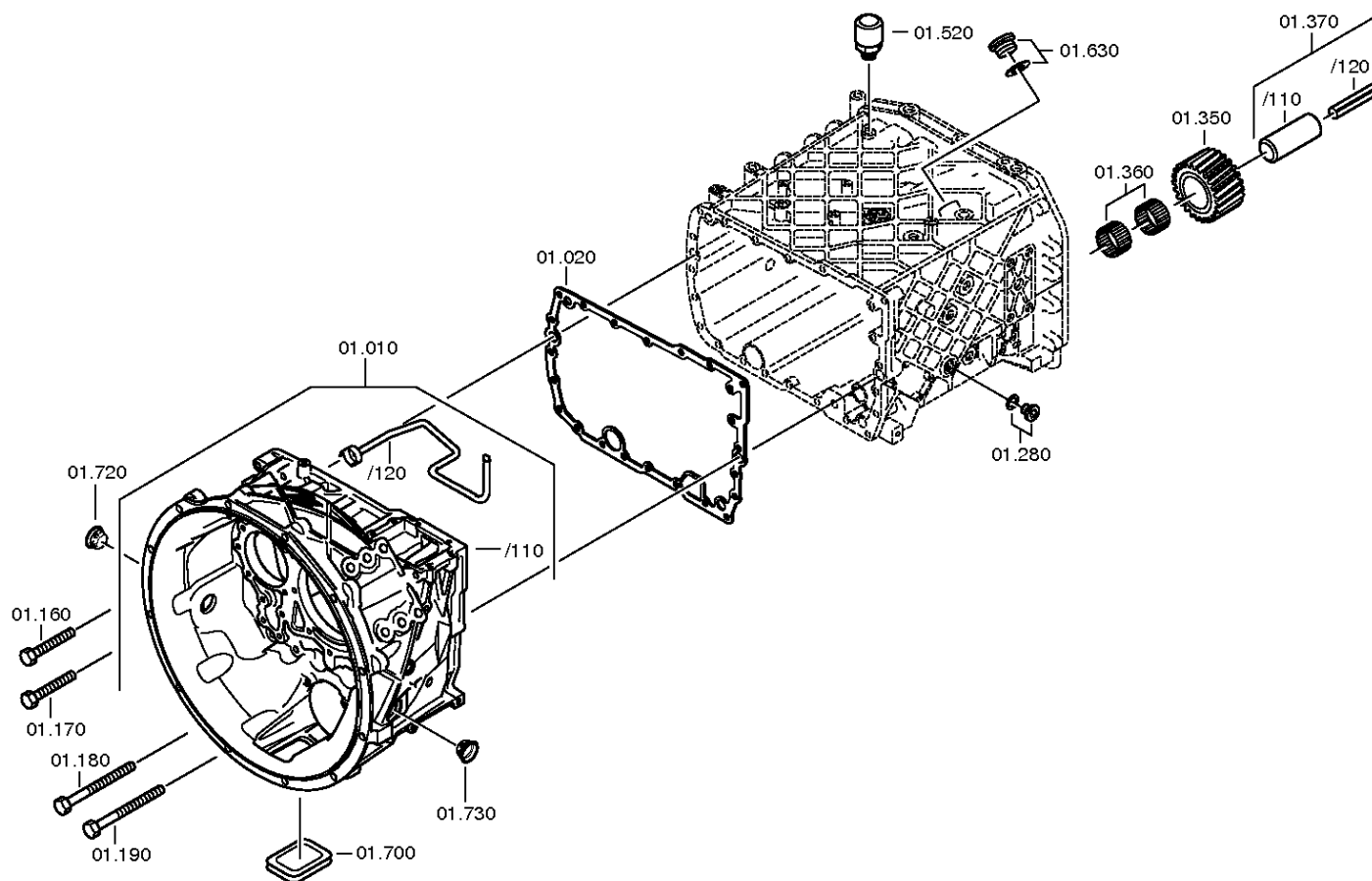
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Material number: 1315.051.959
Plant: 068.01.51-1

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COMPANY
GEARBOX HOUSING



GEARBOX HOUSING



Parts list

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Material number: 1315.051.959

Plant: 068.01.05-1

Material-assembly-group-no: 1315.101.123

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	1316.201.142		CLUTCH HOUSING	1			KPL.	0,000		
/110	1316.301.064		CLUTCH HOUSING	1			ENTHALT.IN 1316 301 060(0)	0,000		
/120	1315.201.097		PIPE	1			KPL.	0,000		
20	1315.301.233		GASKET	1		C01005348C10		0,000		
30	1315.201.208		HOUSING	1			KPL.	0,000		
50	---		SCREW PLUG	1			60N.M*DICHTRING M24X1,5	0,000		
---	0736.305.070		SCREW PLUG	1			ENTHALT.IN 0736 305 041(2)	0,000		
---	0730.008.637		SEALING RING	1			A24X29	0,000		
90	---		SCREW PLUG	1			50N.M*DICHTRING M22X1,5	0,000		
---	0636.302.045		SCREW PLUG	1			M22X1,5	0,040		
---	0730.009.515		SEALING RING	1			A22X27	0,000		
100	---		SCREW PLUG	1			50N.M*DICHTRING M22X1,5	0,000		
---	0636.302.045		SCREW PLUG	1			M22X1,5	0,040		
---	0730.009.515		SEALING RING	1			A22X27	0,000		
140	0731.201.563		CYLINDRICAL PIN	4				0,000		
160	0736.300.123		HEXAGON BOLT	14			M10X70 M10X70	0,000		
170	---		HEXAGON BOLT	1			M10X70	0,000		
---	0736.010.180		HEXAGON BOLT	1			M10X70 IN 0736 010 183(2)	0,000		
180	0736.300.119		HEXAGON BOLT	6		Z00009403410	M10X140 M10X140	0,000		
190	---		HEXAGON BOLT	1		Z00009403410	M10X140	0,000		
---	0736.300.119		HEXAGON BOLT	1		Z00009403412	M10X140 M10X140	0,000		
200	---		SCREW PLUG	1		Z00010112111	60N.M*DICHTRING M24X1,5	0,000		
---	0636.304.088		SCREW PLUG	1		Z00010112110	M24X1,5	0,000		
---	0730.008.637		SEALING RING	1		Z00010112110	A24X29	0,000		

Parts list

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Material number: 1315.051.959

Plant: 068.01.05-1

Material-assembly-group-no: 1315.101.123

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COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
230	---		SCREW PLUG	1		Z00010112111	60N.M*DICHTRING M24X1,5	0,000		
---	0636.304.088		SCREW PLUG	1		Z00010112110	M24X1,5	0,000		
---	0730.008.637		SEALING RING	1		Z00010112110	A24X29	0,000		
280	---		SCREW PLUG	1		Z00010112111	60N.M*DICHTRING M24X1,5	0,000		
---	0636.304.088		SCREW PLUG	1		Z00010112110	M24X1,5	0,000		
---	0730.008.637		SEALING RING	1		Z00010112110	A24X29	0,000		
300	0501.318.802		SCREEN INSERT	1				0,000		
310	1315.201.111		SPRAY TUBE	1			KPL. IN 1315 201 112(0)	0,000		
340	0634.313.198		O-RING	1			20X3	1		
350	1315.305.011		REVERSE IDLER GEAR	1		C01000062F10		0,000		
360	0750.115.366		NEEDLE CAGE	2			45,0X57,0X21,0	0,000		
370	1315.201.053		REVERSE IDLER SHAFT	1			KPL.16S151*DG*L=84	0,000		
/120	0631.329.294		SLOTPIN	1			10X100	0,000		
420	1315.301.151		COVER	1				0,000		
430	0501.316.146		GASKET	1				0,000		
440	0636.100.432		HEXAGON BOLT	10		Z00007349511	M10X28	0,000		
500	---		TYPE PLATE	1			KONZERN	0,000		
---	0730.365.241		TYPE PLATE	1			EINHEITSSCH. VERDREHSICHER	0,000		
---	0730.365.259		TYPE PLATE	1			EINHEITSSCH. VERDREHSICHER	0,000		
---	0730.365.267		TYPE PLATE	1			CHINA	0,000		
---	0730.300.258		TYPE PLATE	1			EINHEITSSCH. VERDREHSICHER	0,000		
---	0730.365.271		TYPE PLATE	1			RUSSLAND/ KYRILLISCH	0,000		
---	0730.365.257		TYPE PLATE	1			S.S.CH IRAN	0,000		
510	0731.300.027		BLIND RIVET	4		Z00007904810		0,000		
520	---		BREATHING	1			M10X1KEG	0,000		

Parts list

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Material number: 1315.051.959

Plant: 068.01.05-1

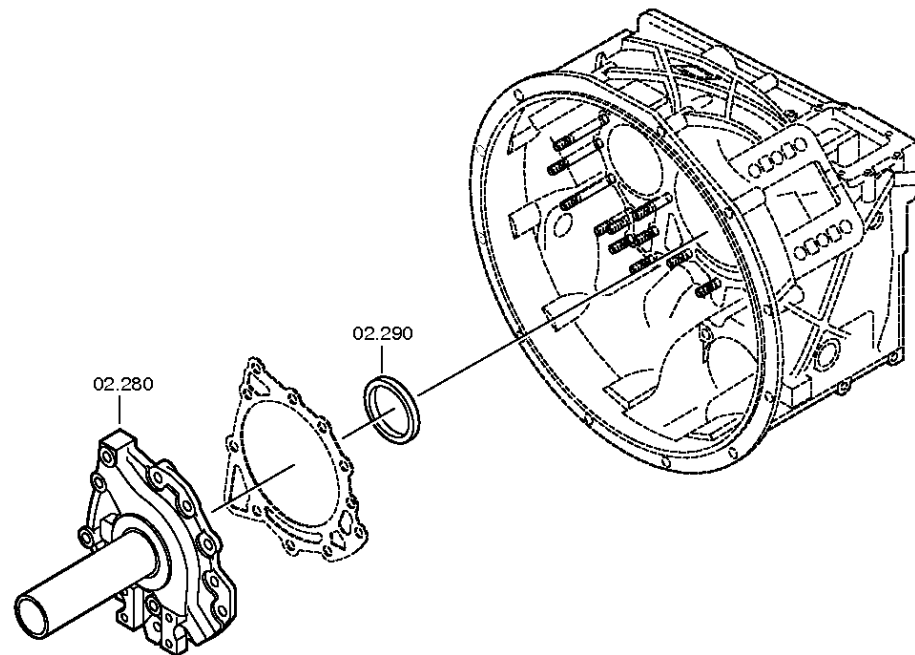
Material-assembly-group-no: 1315.101.123

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COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
---	0501.202.797		BREATHER	1			KPL.	30		
600	1313.306.013		LOCKING PIN	1				0,000		
620	0732.040.736		COMPRSPRING	1				5,200		
630	---		SCREW PLUG	1		Z00010164412	70N.M*DICHTRING M26X1,5	0,000		
---	0636.100.811		SCREW PLUG	1		Z00010164420	M26X1,5	0,000		
---	0634.801.249		SEALING RING	1		Z00010164420	26X31	0,010		
700	1315.301.230		PROTECTION CAP	1				0,000		
720	0501.321.840		PLUG	1				0,000		
730	0501.321.840		PLUG	1				0,000		



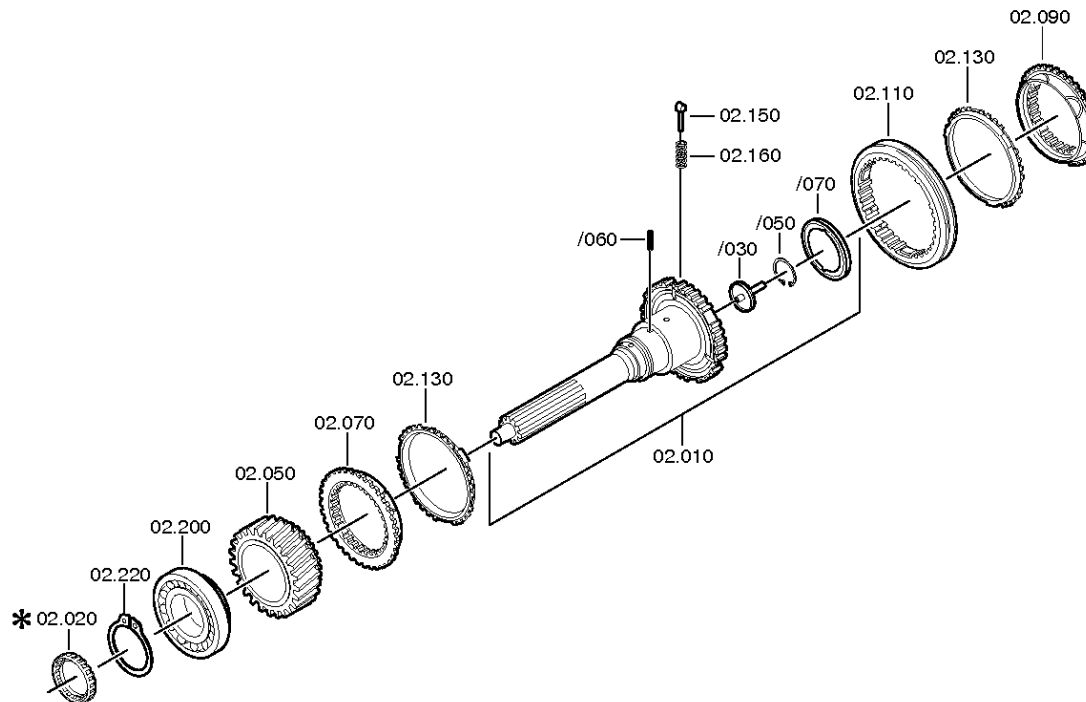
Plant

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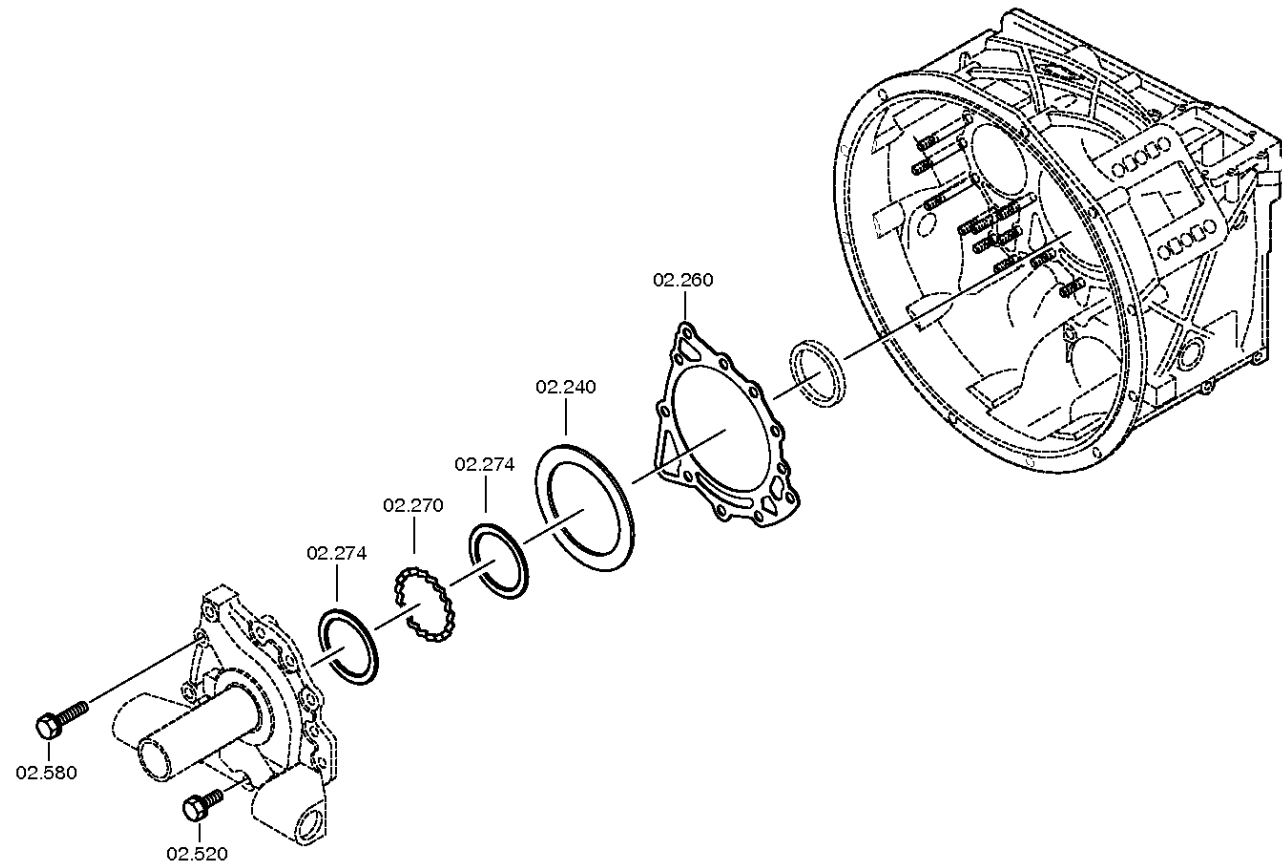
Material number: 1315.051.959
Plant: 068.02.02-1

INPUT SHAFT

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COMPANY
CONNPLATE



INPUT SHAFT



Parts list

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Material number: 1315.051.959

Plant: 068.02.54-1

Material-assembly-group-no: 1315.102.429

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	1315.202.037		INPUT SHAFT	1			KPL.L109*GL100*ZAPF.25	0,000		
/30	1354.302.019		PIPE	1		Z00003830511		0,000		
/50	0630.502.027		RETAINING RING	1			50X2	8		
/70	0750.101.179		OIL DAM	1		Z00007187910	88,0X95,5X6,0	0,000		
50	1315.302.158		HELICAL GEAR	1			Z35 IN 1315 302 156(1)	0,000		
70	1312.304.027		CLUTCH BODY	1			ENTHALT.IN 1310 304 107(1)	0,000		
90	1312.304.027		CLUTCH BODY	1		C01004680D10	ENTHALT.IN 1310 304 107(1)	0,000		
110	1310.304.202		SLIDING SLEEVE	1		C01005378A10		0,000		
130	1297.304.484		SYNCHRORING	2				0,000		
150	1297.304.436		PRESSURE PIECE	3				0,004		
160	0732.040.409		COMPRSPRING	3		C01007317F10		0,002		
200	0750.117.732		TAROLLBEARING	1			85,0X150,0X30,5	0,000		
220	0730.501.598		RETAINING RING	1		C01007992110	85X4	0,000		
240	---		SHIM	1			H= 0,90- 2,40(ABSTUFUNG:0,05MM)	0,000		
---	2050.309.094		SHIM	1				0,000		
---	0730.007.489		SHIM	1			A=2,15 IN 2050 309 090(2)	0,000		
---	0730.007.488		SHIM	1			A=2,10 IN 2050 309 090(2)	0,000		
---	0730.007.487		SHIM	1			A=2,05 IN 2050 309 090(2)	0,000		
---	0730.007.486		SHIM	1			A=2,00 IN 2050 309 090(2)	0,000		
---	0730.007.485		SHIM	1			A=1,95 IN 2050 309 090(2)	0,000		
---	0730.007.484		SHIM	1			A=1,90 IN 2050 309 090(2)	0,000		

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Material number: 1315.051.959

Plant: 068.02.54-1

Material-assembly-group-no: 1315.102.429

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COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
---	0730.007.483		SHIM	1			A=1,85 IN 2050 309 090(2)	0,000		
---	0730.007.482		SHIM	1			A=1,80 IN 2050 309 090(2)	0,000		
---	0730.007.481		SHIM	1			A=1,75 IN 2050 309 090(2)	0,000		
---	0730.007.480		SHIM	1			A=1,70 IN 2050 309 090(2)	0,000		
---	0730.007.479		SHIM	1			A=1,65 IN 2050 309 090(2)	0,000		
---	0730.007.136		SHIM	1			A=1,60 IN 2050 309 090(2)	0,000		
---	0730.007.135		SHIM	1			A=1,55 IN 2050 309 090(2)	0,000		
---	0730.007.134		SHIM	1			A=1,50 IN 2050 309 090(2)	0,000		
---	0730.007.133		SHIM	1			A=1,45 IN 2050 309 090(2)	0,000		
---	0730.007.132		SHIM	1			A=1,40 IN 2050 309 090(2)	0,000		
---	0730.007.131		SHIM	1			A=1,35 IN 2050 309 090(2)	0,000		
---	0730.007.130		SHIM	1			A=1,30 IN 2050 309 090(2)	0,000		
---	0730.007.129		SHIM	1			A=1,25 IN 2050 309 090(2)	0,000		
---	2050.309.034		SHIM	1				0,000		
---	0730.007.128		SHIM	1			A=1,15 IN 2050 309 090(2)	0,000		
---	0730.007.127		SHIM	1			A=1,10 IN 2050 309 090(2)	0,000		

Parts list

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Material number: 1315.051.959

Plant: 068.02.54-1

Material-assembly-group-no: 1315.102.429

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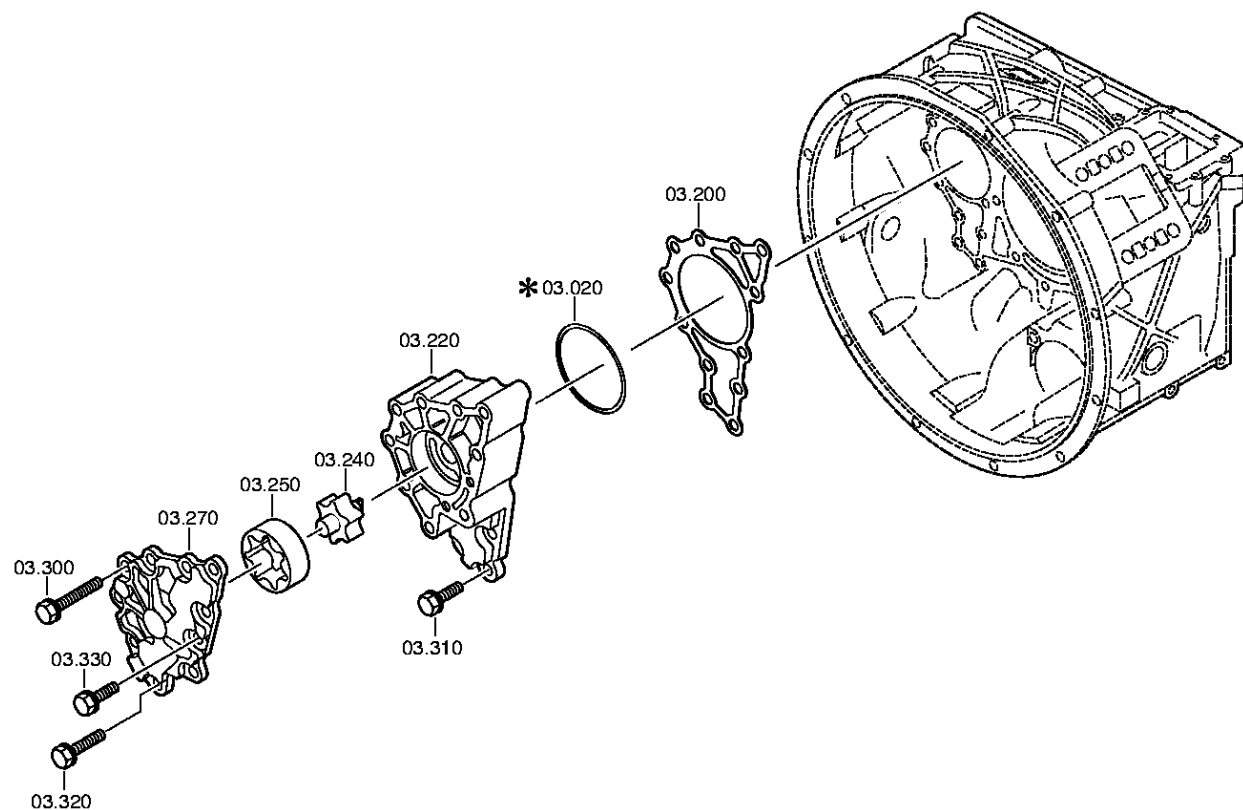
COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
---	0730.007.126		SHIM	1			A=1,05 IN 2050 309 090(2)	0,000		
---	2050.309.065		SHIM	1				0,000		
---	0730.005.749		SHIM	1			A=0,95 IN 2050 309 090(2)	0,000		
---	0730.005.748		SHIM	1			A=0,90 IN 2050 309 090(2)	0,000		
---	0730.301.503		SHIM	1			h=2,25	0,000		
---	0730.301.504		SHIM	1			h=2,30	0,000		
---	0730.301.505		SHIM	1			h=2,35	0,000		
---	0730.301.506		SHIM	1			h=2,40	0,000		
260	0501.314.587		GASKET	1				0,000		
270	1315.302.040		SPACER RING	1				0,000		
274	0730.150.766		WASHER	2				0,000		
280	1315.302.136		CONNPLATE	1				0,000		
290	---		SHAFT SEAL	1		C01002111D10	75X55X8	0,000		
---	0734.310.387		SHAFT SEAL	1			55X75X8/9,2 FA.CFW	0,000		
520	0636.015.685		HEXAGON BOLT	8		Z00009177310	M10X35	0,000		
580	0636.102.270		HEXAGON BOLT	3		Z00009177410	M10X60	0,000		

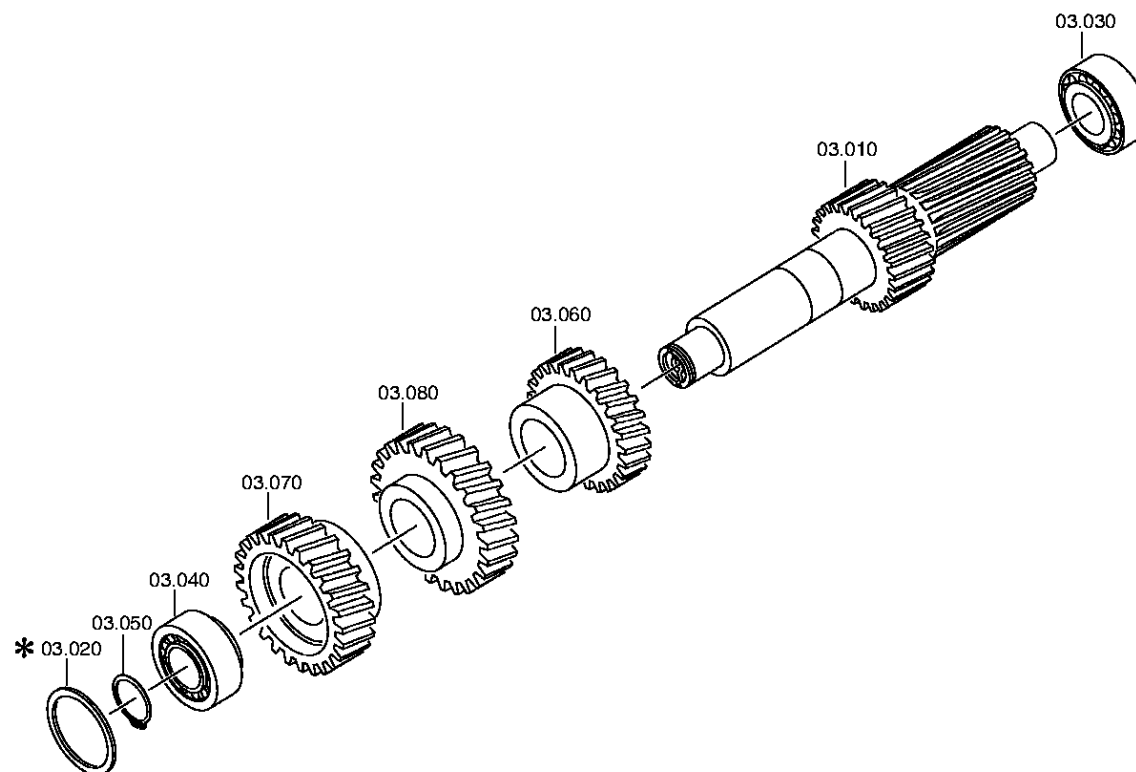


LAYSHAFT





LAYSHAFT



Parts list

Page 1 from 3

Material number: 1315.051.959

Plant: 068.03.80-1

Material-assembly-group-no: 1316.103.803

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	1315.303.063		LAYSHAFT	1				0,000		
20	---		SHIM	1			H= 1,85- 3,25(ABSTUFUNG:0,05MM)	0,000		
---	0730.112.938		SHIM	1		C01007375C10	A=3,25	0,000		
---	0730.112.937		SHIM	1		C01007375C10	A=3,20	0,000		
---	0730.112.936		SHIM	1		C01007375C10	A=3,15	0,000		
---	0730.112.935		SHIM	1		C01007375C10	A=3,10	0,000		
---	0730.106.860		SHIM	1		C01007375C10	A=3,05 IN 0730 106 904(2)	0,000		
---	0730.106.917		SHIM	1			A=3,00 IN 0730 106 904(2)	0,000		
---	0730.106.916		SHIM	1			A=2,95 IN 0730 106 904(2)	0,000		
---	0730.106.915		SHIM	1			A=2,90 IN 0730 106 904(2)	0,000		
---	0730.106.914		SHIM	1			A=2,85 IN 0730 106 904(2)	0,000		
---	0730.106.913		SHIM	1			A=2,80 IN 0730 106 904(2)	0,000		
---	0730.106.912		SHIM	1			A=2,75 IN 0730 106 904(2)	0,000		
---	0730.106.911		SHIM	1			A=2,70 IN 0730 106 904(2)	0,000		
---	0730.106.910		SHIM	1			A=2,65 IN 0730 106 904(2)	0,000		
---	0730.106.909		SHIM	1			A=2,60 IN 0730 106 904(2)	0,000		
---	0730.106.908		SHIM	1			A=2,55 IN 0730 106 904(2)	0,000		
---	0730.100.799		SHIM	1			A=2,50 IN 0730 106 904(2)	0,000		

Parts list

Page 2 from 3

Material number: 1315.051.959

Plant: 068.03.80-1

Material-assembly-group-no: 1316.103.803

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
---	0730.100.800		SHIM	1			A=2,45 IN 0730 106 904(2)	0,000		
---	0730.100.801		SHIM	1			A=2,40 IN 0730 106 904(2)	0,000		
---	0730.100.802		SHIM	1			A=2,35 IN 0730 106 904(2)	0,000		
---	0730.100.803		SHIM	1			A=2,30 IN 0730 106 904(2)	0,000		
---	0730.101.466		SHIM	1			A=2,25 IN 0730 106 904(2)	0,000		
---	0730.101.467		SHIM	1			A=2,20 IN 0730 106 904(2)	0,000		
---	0730.101.468		SHIM	1			A=2,15 IN 0730 106 904(2)	0,000		
---	0730.101.469		SHIM	1			A=2,10 IN 0730 106 904(2)	0,000		
---	0730.101.470		SHIM	1			A=2,05 IN 0730 106 904(2)	0,000		
---	0730.101.471		SHIM	1			A=2,00 IN 0730 106 904(2)	0,000		
---	0730.106.907		SHIM	1			A=1,95 IN 0730 106 904(2)	0,000		
---	0730.106.906		SHIM	1			A=1,90 IN 0730 106 904(2)	0,000		
---	0730.106.905		SHIM	1			A=1,85 IN 0730 106 904(2)	0,000		
30	0750.117.009		TAROLLBEARING	1			49,2X103,1X43,6	0,000		
40	0750.117.009		TAROLLBEARING	1			49,2X103,1X43,6	0,000		
50	---		RETAINING RING	1			H= 2,40- 3,00(ABSTUFUNG:0,05MM)	0,000		
---	0630.531.065		RETAINING RING	1			50X3	16		
---	0630.501.111		RETAINING RING	1			50X2,95	0,000		

Parts list

Page 3 from 3

Material number: 1315.051.959

Plant: 068.03.80-1

Material-assembly-group-no: 1316.103.803

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
---	0630.501.112		RETAINING RING	1			50X2,9	0,000		
---	0630.501.113		RETAINING RING	1			50X2,85	0,000		
---	0630.501.114		RETAINING RING	1			50X2,8	0,000		
---	0630.501.115		RETAINING RING	1			50X2,75	0,000		
---	0630.501.116		RETAINING RING	1			50X2,7	0,000		
---	0630.501.117		RETAINING RING	1			50X2,65	0,000		
---	0630.501.118		RETAINING RING	1			50X2,6	0,000		
---	0630.501.160		RETAINING RING	1			50X2,55	0,000		
---	0630.531.064		RETAINING RING	1			50X2,5	0,100		
---	0630.501.159		RETAINING RING	1			50X2,45	0,000		
---	0630.501.148		RETAINING RING	1			50X2,4	0,000		
60	1315.303.004		HELICAL GEAR	1				0,000		
70	1315.303.064		HELICAL GEAR	1			KON 1	0,000		
80	1315.303.050		HELICAL GEAR	1			ENTHALT.IN 1315 303 015(2)	0,000		
200	1315.303.060		GASKET	1		C01005349C10		0,000		
220	---		PUMP HOUSING	1			GD*GSLS	0,000		
---	1315.302.121		PUMP HOUSING	1				0,000		
---	1315.302.117		PUMP HOUSING	1				0,000		
240	1314.202.039		PUMP SHAFT	1			KPL.	0,000		
250	1315.303.027		ROTOR	1				0,000		
270	---		PUMP COVER	1			GD*GSLS	0,000		
---	1315.302.120		PUMP COVER	1				0,000		
---	1315.302.116		PUMP COVER	1				0,000		
300	0636.015.684		HEXAGON BOLT	8		Z00009177510	M10X85	0,000		
310	0636.015.685		HEXAGON BOLT	3		Z00009177310	M10X35	0,000		
320	0636.102.270		HEXAGON BOLT	1		Z00009177410	M10X60	0,000		
330	0636.015.685		HEXAGON BOLT	2		Z00009177310	M10X35	0,000		

Plant

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Material number: 1315.051.959

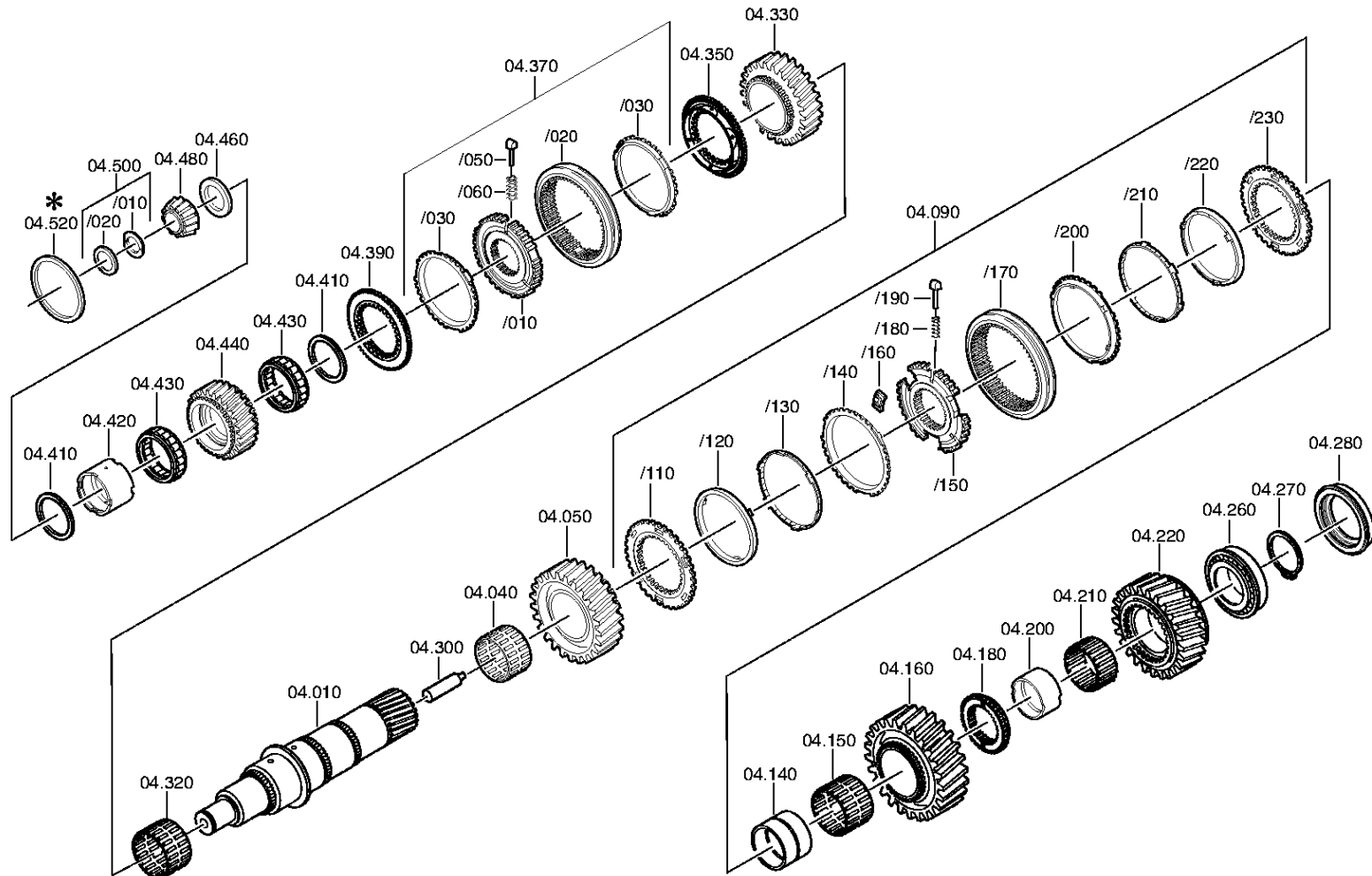
Plant: 068.04.12-1

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY

MAIN SHAFT

Material-assembly-group-no: 1315.104.027



Parts list

Page 1 from 4

Material number: 1315.051.959

Plant: 068.04.12-1

Material-assembly-group-no: 1315.104.027

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	1315.304.131		MAIN SHAFT	1				0,000		
40	0735.321.087		NEEDLE CAGE	1			92,0X100,0X53,0	0,000		
50	1315.304.025		HELICAL GEAR	1			2G/Z38 IN 1315 304 033(1)	0,000		
90	1315.204.006		SYNCHRONIZER	1			KPL.1+2G*DK	0,000		
/110	1312.304.106		CLUTCH DISC	1				0,000		
/120	1268.304.424		INNER RING	1				0,000		
/130	1268.304.494		INTERMRING	1			ENTHALT.IN 6002 306 153(0)	0,000		
/140	1268.304.525		OUTER RING	1			ENTHALT.IN 1310 304 095(1)	0,000		
/150	1312.304.158		SYNCHROBODY	1			ZF-D171/164	0,000		
/160	1312.304.159		COUPLING ELEMENT	3		C01006893A10		0,030		
/170	1310.304.175		SLIDING SLEEVE	1		C01007317F10		0,000		
/180	0732.040.409		COMPRSPRING	3				0,002		
/190	1297.304.436		PRESSURE PIECE	3				0,004		
/200	1268.304.525		OUTER RING	1			ENTHALT.IN 1310 304 095(1)	0,000		
/210	1268.304.494		INTERMRING	1			ENTHALT.IN 6002 306 153(0)	0,000		
/220	1268.304.424		INNER RING	1				0,000		
/230	1312.304.106		CLUTCH DISC	1				0,000		
140	1313.304.038		BUSH	1			ENTHALT.IN 1312 304 007(2)	0,000		
150	0750.115.325		NEEDLE CAGE	1			96,0X104,0X55,0	0,000		
160	1315.304.004		HELICAL GEAR	1			1G/Z47 IN 1315 304 020(1)	0,000		
180	1315.304.018		CLUTCH BODY	1			RG	0,000		
200	1315.304.132		BUSH	1			A=41,00 IN 1312 304 010(2)	0,000		
210	0750.115.324		NEEDLE CAGE	1			90,0X98,0X41,0	0,000		

Parts list

Page 2 from 4

Material number: 1315.051.959

Plant: 068.04.12-1

Material-assembly-group-no: 1315.104.027

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
220	---		HELICAL GEAR	1				0,000		
---	1315.304.006		HELICAL GEAR	1			RG/Z44 IN 1315 304 019(0)	0,000		
---	1315.304.380		HELICAL GEAR	1				0,000		
260	0750.117.677		TAROLLBEARING	1			80,0X130,0X36,0	0,000		
270	---		RETAINING RING	1			H= 3,00- 3,65(ABSTUFUNG:0,05MM)	0,000		
---	0630.501.316		RETAINING RING	1			80X3,5	0,000		
---	0630.501.336		RETAINING RING	1			80X3,45	0,000		
---	0630.501.315		RETAINING RING	1			80X3,4	0,000		
---	0630.501.335		RETAINING RING	1			80X3,35	0,000		
---	0630.501.314		RETAINING RING	1			80X3,3	0,000		
---	0630.501.334		RETAINING RING	1			80X3,25	0,000		
---	0630.501.313		RETAINING RING	1			80X3,2	0,000		
---	0630.501.333		RETAINING RING	1			80X3,15	0,000		
---	0630.501.312		RETAINING RING	1			80X3,1	0,000		
---	0630.501.337		RETAINING RING	1			80X3,55	0,000		
---	0630.501.338		RETAINING RING	1			80X3,6	0,000		
---	0630.501.339		RETAINING RING	1			80X3,65	0,000		
280	1315.332.073		PRESSURE DISC	1				0,000		
300	1312.304.150		PIPE	1				0,000		
320	0735.321.087		NEEDLE CAGE	1			92,0X100,0X53,0	0,000		
330	1315.304.027		HELICAL GEAR	1			3G/Z34 IN 1315 304 034(1)	0,000		
350	1316.304.159		CLUTCH BODY	1		C01001295D10	ZF-BK 144	0,000		
370	1316.204.016		SYNCHRONIZER	1		C01007189D10	KPL.	0,000		
/10	1316.304.162		SYNCHROBODY	1			ZF-BK144	0,000		
/20	1316.304.167		SLIDING SLEEVE	1			ZF-BK 144 O	0,000		
/30	1316.304.168		SYNCHRONING	2			ZF-BK 144 0	0,000		
/50	1297.304.436		PRESSURE PIECE	3				0,004		
/60	0732.040.409		COMPRSPRING	3				0,002		

Parts list

Page 3 from 4

Material number: 1315.051.959

Plant: 068.04.12-1

Material-assembly-group-no: 1315.104.027

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
390	1316.304.159		CLUTCH BODY	1		C01001295D10	ZF-BK 144	0,000		
410	0750.101.158		THRUST WASHER	2				0,000		
420	0750.119.125		INNER RING	1			67,0X77,0X54,1	0,000		
430	0750.115.534		ROLLER CAGE	2			77,0X101,0X29,0	0,000		
440	1315.304.089		HELICAL GEAR	1			ENTHALT.IN 1315 304 023(1)	0,000		
460	---		AXIAL WASHER	1			H= 7,30- 8,00(ABSTUFUNG:0,10MM)	0,000		
---	1315.304.048		AXIAL WASHER	1			A=8,00 IN 1315 304 042(2)	0,000		
---	1315.304.047		AXIAL WASHER	1			A=7,90 IN 1315 304 042(2)	0,000		
---	1315.304.046		AXIAL WASHER	1			A=7,80 IN 1315 304 042(2)	0,000		
---	1315.304.045		AXIAL WASHER	1			A=7,70 IN 1315 304 042(2)	0,000		
---	1315.304.044		AXIAL WASHER	1			A=7,60 IN 1315 304 042(2)	0,000		
---	1315.304.043		AXIAL WASHER	1			A=7,50 IN 1315 304 042(2)	0,000		
---	1315.304.085		AXIAL WASHER	1			A=7,40 IN 1315 304 042(2)	0,000		
---	1315.304.086		AXIAL WASHER	1			A=7,30 IN 1315 304 042(2)	0,000		
480	0750.117.232		TAROLLBEARING	1			42,0X40,3	0,000		
500	1312.204.040		SPLIT RING	1			GESTANZT	0,000		
/10	---		SPLIT RING	2			H= 4,60- 5,00(ABSTUFUNG:0,10MM)	0,000		
---	0730.107.023		SPLIT RING	2			A=5,00 IN 0730 106 207(2)	0,000		
---	0730.107.022		SPLIT RING	2			A=4,90 IN 0730 106 207(2)	0,000		

Parts list

Page 4 from 4

Material number: 1315.051.959

Plant: 068.04.12-1

Material-assembly-group-no: 1315.104.027

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

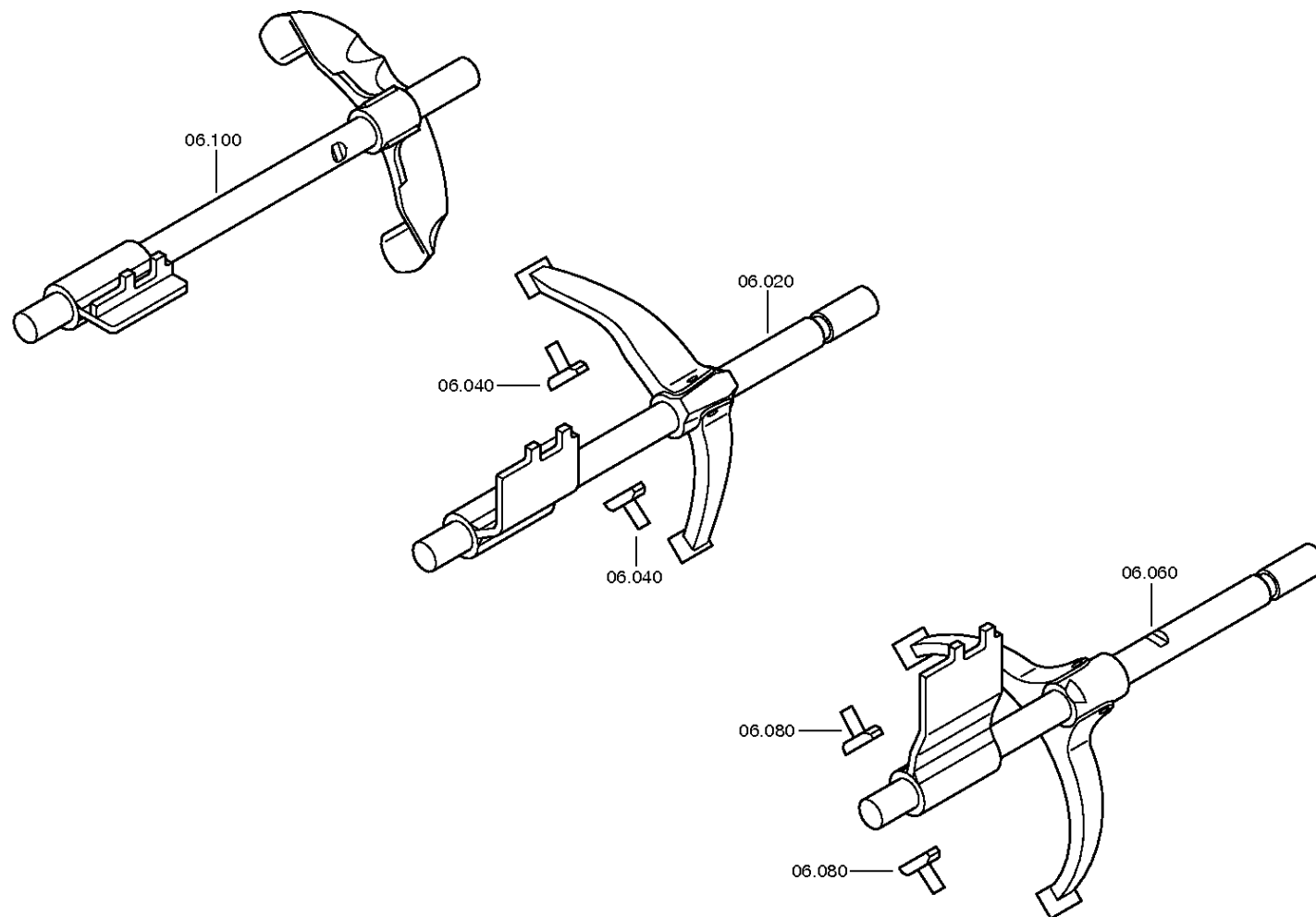
COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
---	0730.107.021		SPLIT RING	2			A=4,80 IN 0730 106 207(2)	0,000		
---	0730.107.020		SPLIT RING	2			A=4,70 IN 0730 106 207(2)	0,000		
---	0730.107.019		SPLIT RING	2			A=4,60 IN 0730 106 207(2)	0,000		
/20	0730.062.781		RETAINING RING	1			ENTHALT.IN 0730 062 636(2)	0,000		



GEAR SHIFT SYSTEM



Plant

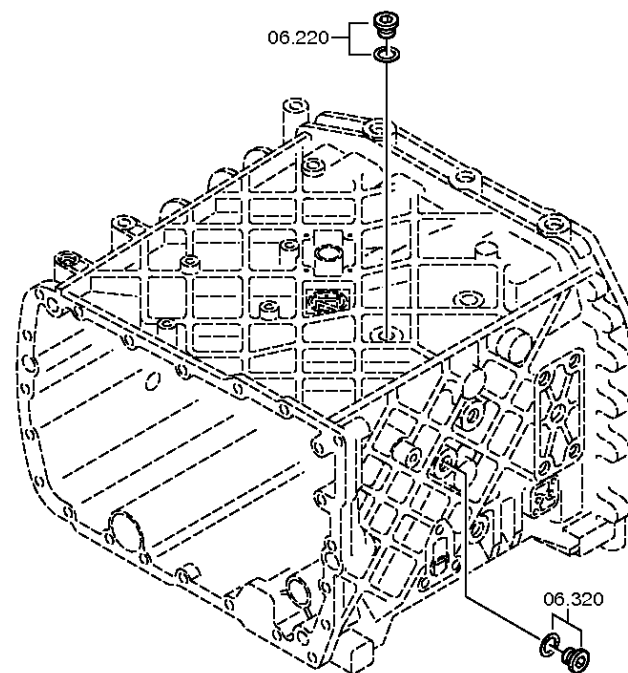
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Material number: 1315.051.959
Plant: 068.06.43-1

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY
GEAR SHIFT SYSTEM

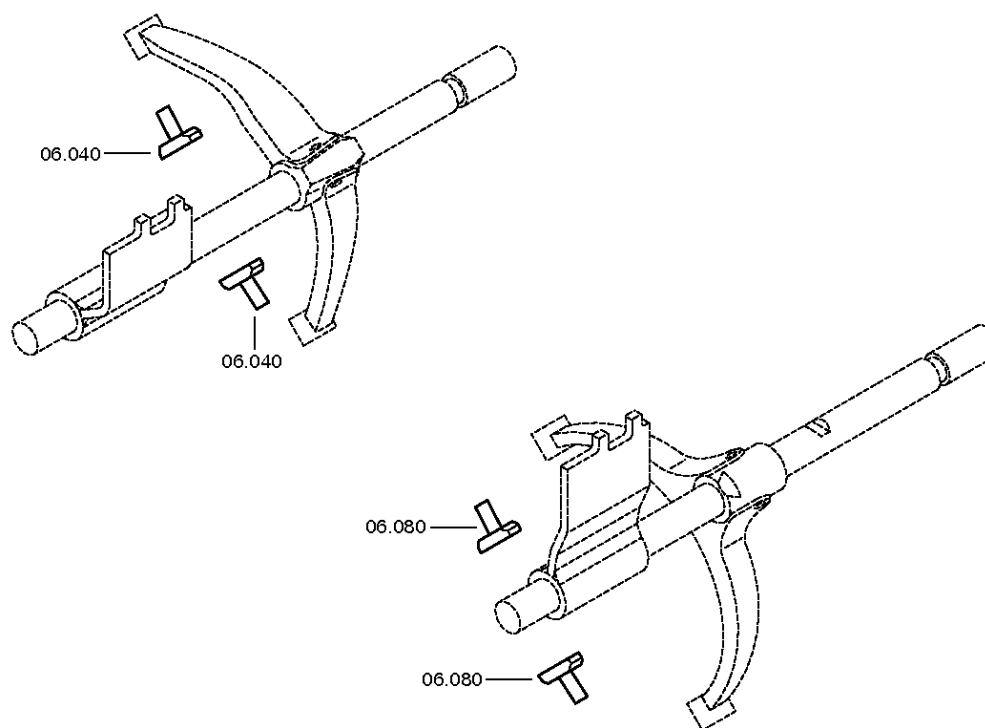


GEAR SHIFT SYSTEM





GEAR SHIFT SYSTEM



Parts list

Page 1 from 1

Material number: 1315.051.959

Plant: 068.06.01-1

Material-assembly-group-no: 1315.106.008

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

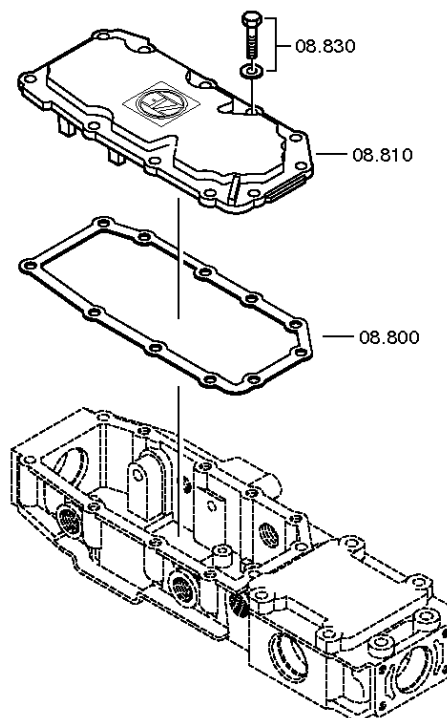
COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
20	1315.206.076		GEAR SHIFT RAIL	1			1+2GANG*KURZ*WI	0,000		
/10	1315.306.099		GEAR SHIFT RAIL	1				0,000		
/20	1355.306.006		GEAR SHIFT FORK	1			1/2G	0,000		
/30	0501.216.602		DRIVER	1			KPL.	0,000		
//10	0501.324.853		DRIVER	1				0,000		
//20	0730.513.462		SNAP RING	1				0,000		
40	1316.306.015		SLIDING PAD	2				0,000		
60	1315.206.079		GEAR SHIFT RAIL	1			3+4GANG*KURZ*WI	0,000		
/10	1315.306.106		GEAR SHIFT RAIL	1				0,000		
/20	1325.306.028		GEAR SHIFT FORK	1			3/4G	0,000		
/30	0501.213.881		DRIVER	1			KPL.	0,000		
/50	0631.329.086		SLOTPIN	1			8X40	7,800		
/60	0631.329.057		SLOTPIN	1			5X40	3,200		
80	1316.306.015		SLIDING PAD	2				0,000		
100	1315.206.083		GEAR SHIFT RAIL	1			R-GANG*KURZ*WI	0,000		
/10	1315.306.103		GEAR SHIFT RAIL	1				0,000		
/20	1355.306.003		GEAR SHIFT FORK	1			RG	0,000		
/30	0501.213.882		DRIVER	1			KPL.	0,000		
/50	0631.329.086		SLOTPIN	1			8X40	7,800		
/60	0631.329.057		SLOTPIN	1			5X40	3,200		
220	---		SCREW PLUG	1		Z00010111513	35N.M*DICHTRING M18X1,5	0,000		
---	0636.100.791		SCREW PLUG	1		Z00010111521	M18X1,5	0,000		
---	0634.801.062		SEALING RING	1		Z00010111521	18X24	0,001		
320	---		SCREW PLUG	1		Z00010111513	35N.M*DICHTRING M18X1,5	0,000		
---	0636.100.791		SCREW PLUG	1		Z00010111521	M18X1,5	0,000		
---	0634.801.062		SEALING RING	1		Z00010111521	18X24	0,001		

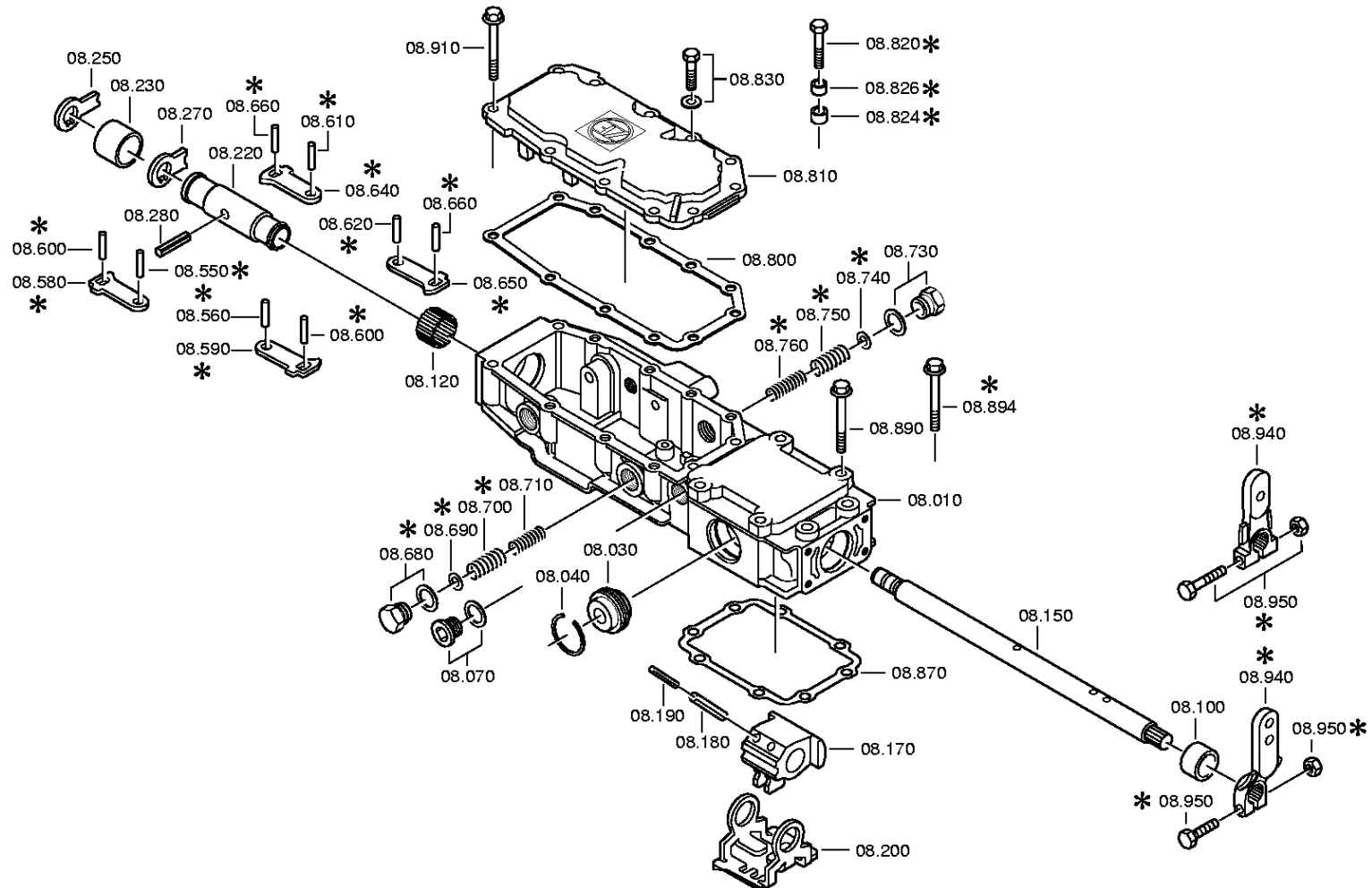


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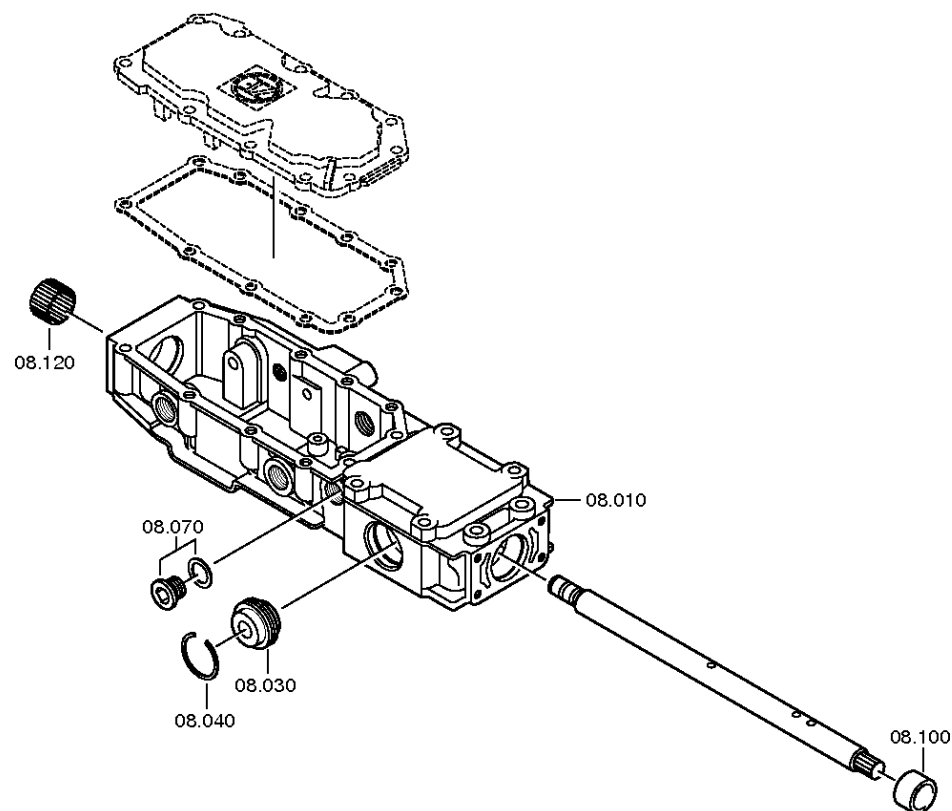


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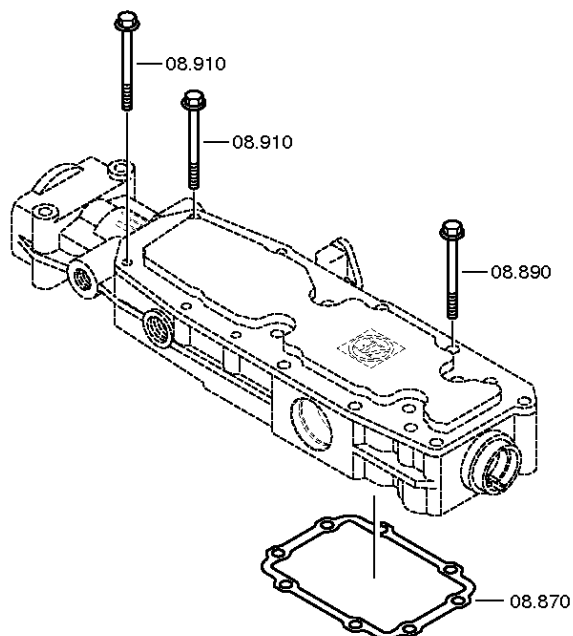


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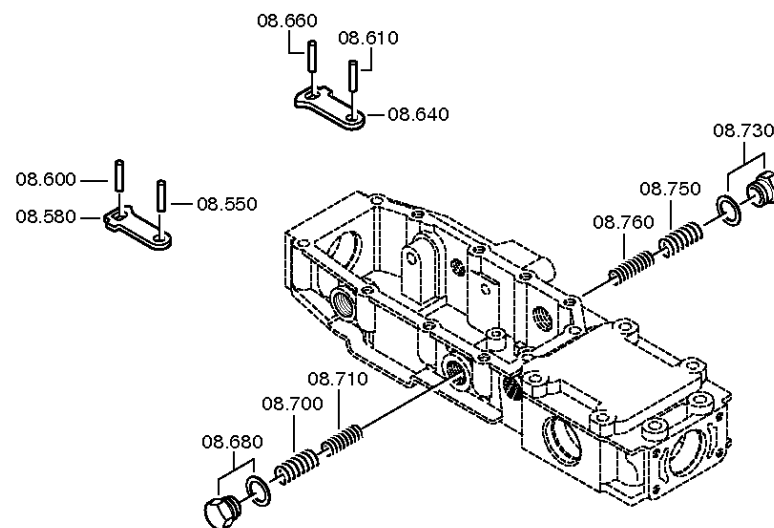


COVER





COVER



Parts list

Page 1 from 2

Material number: 1315.051.959

Plant: 068.07.10-1

Material-assembly-group-no: 1316.108.846

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	1315.307.197		GEAR SHIFT HOUSING	1				0,000		
30	0501.209.212		DETENT	1			KPL.	0,000		
40	0630.532.130		V-RING	1				0,000		
70	---		SCREW PLUG	1		C01001322B10	50N.M*DICHTRING M22X1,5	0,000		
---	0636.302.045		SCREW PLUG	1			M22X1,5	0,040		
---	0730.009.515		SEALING RING	1			A22X27	0,000		
100	0730.260.330		BEARING BUSH	1			A=20,00 IN 0730 260 546(2)	0,000		
120	0635.303.053		NEEDLE SLEEVE	1			25X32X20	120		
150	1315.307.230		GEAR SHIFT SHAFT	1				0,000		
170	---		DRIVER	1			W I	0,000		
---	1315.307.092		DRIVER	1				0,000		
180	0631.329.101		SLOTPIN	2			10X45	15		
190	0631.329.073		SLOTPIN	2			6X45	0,000		
200	1315.307.308		LOCKING PIECE	1		C01007988910		0,000		
220	1315.307.202		QUILL SHAFT	1				0,000		
230	0730.063.273		BUSH	1			A=28,20 IN 0730 063 272(3)	0,000		
250	1315.307.305		DETENT SHEET	1		C01003283A10		0,000		
270	1315.307.111		DETENT SHEET	1				0,000		
280	0631.329.117		SLOTPIN	1			10X32	0,000		
550	0631.306.832		CYLINDRICAL PIN	1			6X20	0,000		
580	1315.307.203		DETENT LEVER	1				0,000		
600	0631.306.832		CYLINDRICAL PIN	1			6X20	0,000		
610	0631.306.832		CYLINDRICAL PIN	1			6X20	0,000		
640	1315.307.203		DETENT LEVER	1				0,000		
660	0631.306.832		CYLINDRICAL PIN	1			6X20	0,000		
680	---		SCREW	1		Z00010146310	M22X1,5	0,000		
---	1315.307.736		SCREW	1		Z00010146312	M22X1,5	0,000		
---	0730.009.515		SEALING RING	1		Z00010146312	A22X27	0,000		

Parts list

Page 2 from 2

Material number: 1315.051.959

Plant: 068.07.10-1

Material-assembly-group-no: 1316.108.846

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

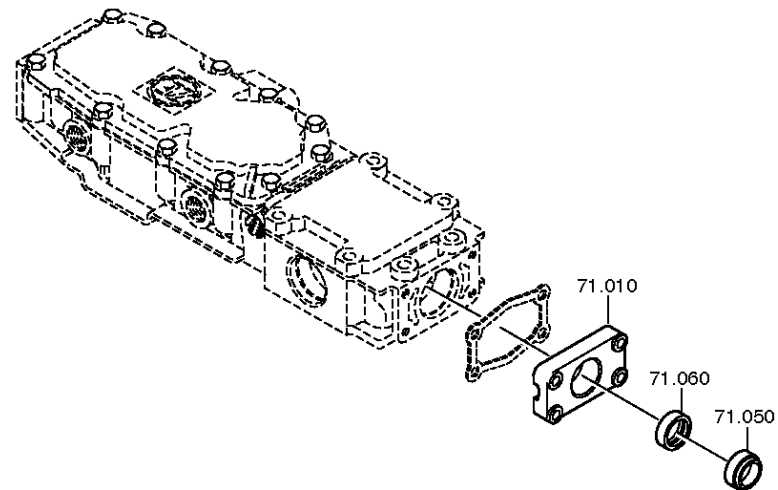
COMPANY

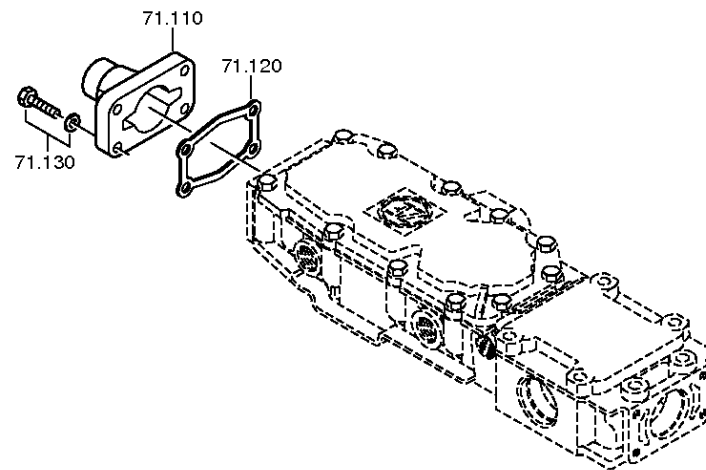


Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
700	0732.040.985		COMPRSPRING	1				0,000		
710	0732.040.984		COMPRSPRING	1				0,000		
730	---		SCREW	1		Z00010146310	M22X1,5	0,000		
---	1315.307.736		SCREW	1		Z00010146312	M22X1,5	0,000		
---	0730.009.515		SEALING RING	1		Z00010146312	A22X27	0,000		
750	0732.040.985		COMPRSPRING	1				0,000		
760	0732.040.984		COMPRSPRING	1				0,000		
800	1315.307.201		GASKET	1				0,000		
810	1315.307.314		COVER	1				0,000		
830	---		HEXAGON BOLT	7		Z00007891312	M8X30	0,000		
---	0636.100.797		HEXAGON BOLT	7		Z00007891310	M8X30	0,000		
---	0630.100.295		WASHER	7		Z00007158414		0,000		
870	1315.307.013		GASKET	1				0,000		
890	0736.300.137		HEXAGON BOLT	8		Z00009195410	M8X80 M8X80	0,000		
910	0736.300.137		HEXAGON BOLT	2		Z00009195410	M8X80 M8X80	0,000		
940	1341.307.120		GEAR SHIFT LEVER	1		Z00010356511	U552	0,000		
950	---		BOLT+NUT	1			M10X40	0,000		
---	0636.015.469		HEXAGON BOLT	1			M10X40	0,030		
---	0637.006.120		HEXAGON NUT	1			M10	0,010		



EXTENSION TOP COVER





Plant

Page 3 from 3

Material number: 1315.051.959
Plant: 068.08.42-1

EXTENSION TOP COVER

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY
EXTENSION TOP COVER



There is presently no plate available for this parts list/ assembly.

Parts list

Page 1 from 1

Material number: 1315.051.959

Plant: 068.08.20-1

Material-assembly-group-no: 1316.171.003

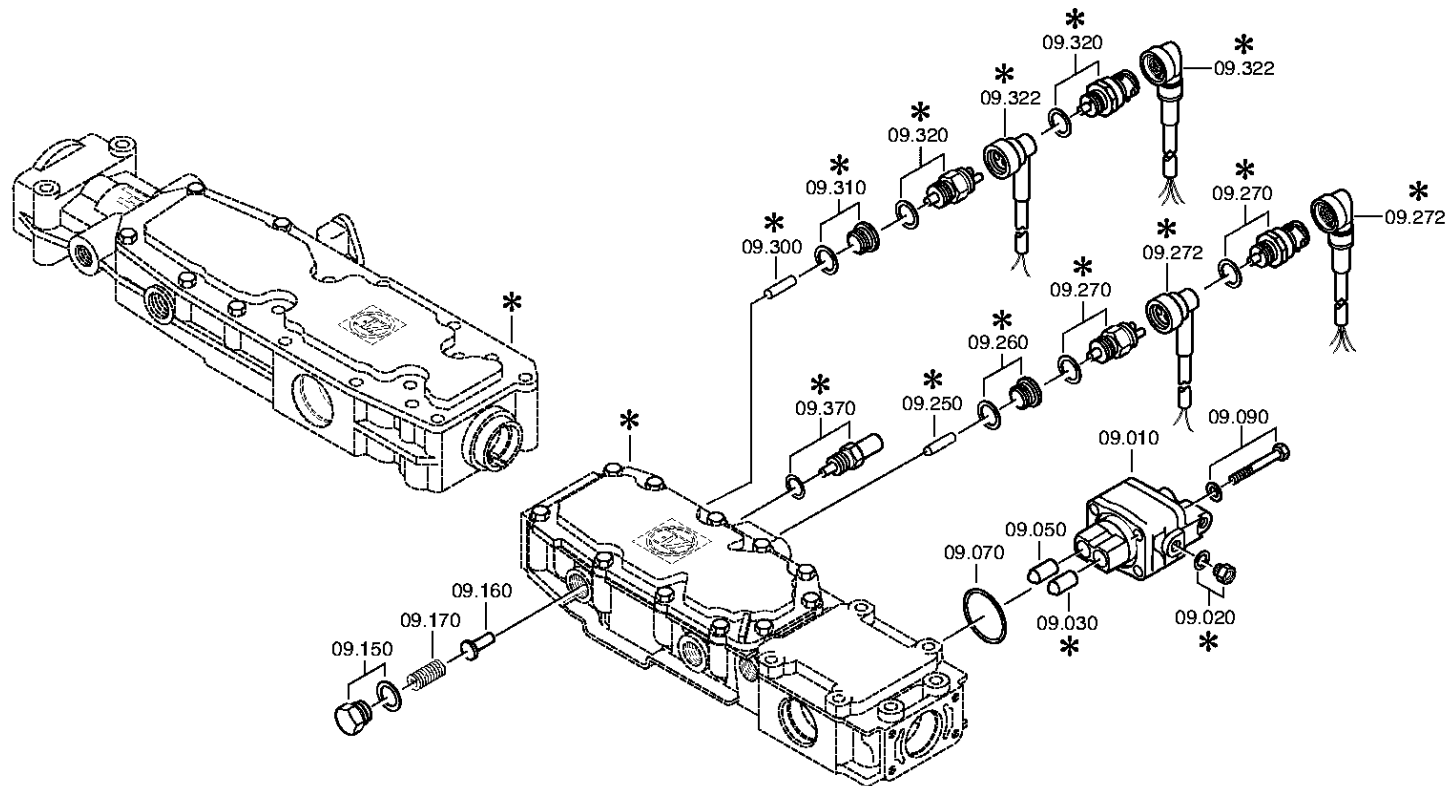
16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	1315.307.229		COVER	1				0,000		
20	0501.318.308		GASKET	1				0,000		
30	---		HEXAGON BOLT	4		Z00007891312	M8X30	0,000		
---	0636.100.797		HEXAGON BOLT	4		Z00007891310	M8X30	0,000		
---	0630.100.295		WASHER	4		Z00007158414		0,000		
50	0634.307.367		SCRAPER	1				0,009		
60	---		SHAFT SEAL	1		C01008933B10	25X35X7	0,000		
---	0734.300.196		SHAFT SEAL	1			25X35X7 FA.CFW	0,000		
110	1315.307.228		COVER	1			LL+SE	0,000		
120	0501.318.308		GASKET	1		C01008634A10		0,000		
130	---		HEXAGON BOLT	4		Z00007891312	M8X30	0,000		
---	0636.100.797		HEXAGON BOLT	4		Z00007891310	M8X30	0,000		
---	0630.100.295		WASHER	4		Z00007158414		0,000		

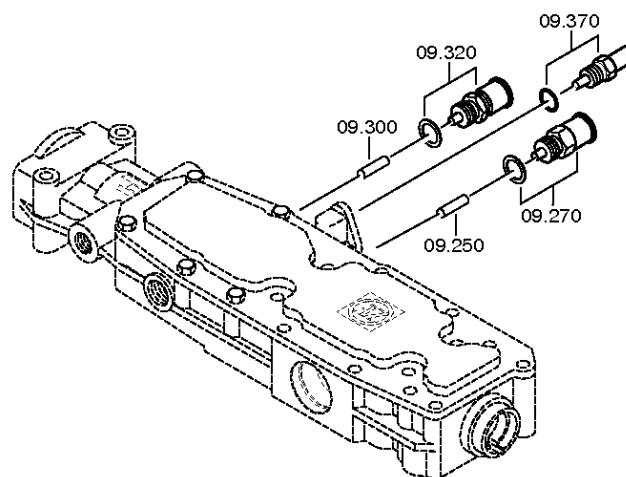


CONNECTING PARTS





CONNECTING PARTS



Plant

Page 3 from 4

Material number: 1315.051.959
Plant: 068.09.40-1

CONNECTING PARTS

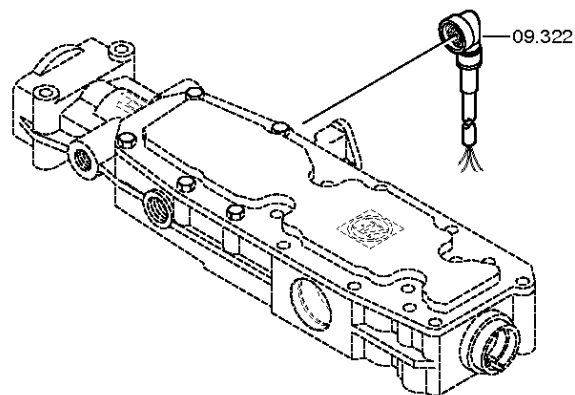
16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY
CONNECTING PARTS



There is presently no plate available for this parts list/ assembly.



CONNECTING PARTS



Parts list

Page 1 from 3

Material number: 1315.051.959

Plant: 068.09.01-1

Material-assembly-group-no: 1316.109.036

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	6038.202.043		CUT-OFF VALVE	1			KPL.H-H* ZULUFTDROSSEL 1,55	0,000		
30	0501.209.188		BALL ROLLER	1			KPL.	0,000		
50	0501.209.188		BALL ROLLER	1			KPL.	0,000		
70	0634.313.505		O-RING	1			42X3	0,000		
90	---		HEXAGON BOLT	4		Z00007054112	M8X65	0,000		
---	0636.100.519		HEXAGON BOLT	4		Z00007054110	M8X65	0,000		
---	0630.100.295		WASHER	4		Z00007158414		0,000		
150	---		SCREW	1		Z00010146310	M22X1,5	0,000		
---	1315.307.736		SCREW	1		Z00010146312	M22X1,5	0,000		
---	0730.009.515		SEALING RING	1		Z00010146312	A22X27	0,000		
160	1315.307.173		BOLT	1			ENTHALT.IN 1250 307 589(2)	0,000		
170	0732.041.500		COMPRSPRING	1				0,000		
250	0731.208.230		PIN	1			A=30,0	0,000		
270	---		SWITCH	1		Z00004287211	OEFF*45N.M* DICHTRING* BAJONETT* SCHUTZKAPPE	0,000		
---	0501.216.474		SWITCH	1			KPL.	0,050		
---	0634.801.062		SEALING RING	1			18X24	0,001		
272	6029.199.111		PLUG KIT	1			4POL BU DINBA AMP WINKEL	0,000		
/110	6029.201.618		PLUG	1			4POL BU DINBA AMP WINKEL	0,000		
300	0731.208.230		PIN	1			A=30,0	0,000		
320	---		SWITCH	1		Z00004287211	SCHL*45N.M* DICHTRING* BAJONETT* SCHUTZKAPPE	0,000		
---	0501.210.058		SWITCH	1			KPL.	0,000		
---	0634.801.062		SEALING RING	1			18X24	0,001		

Parts list

Page 2 from 3

Material number: 1315.051.959

Plant: 068.09.01-1

Material-assembly-group-no: 1316.109.036

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
---	0700.300.427		PROTECTION CAP	1				0,005		
322	6029.199.111		PLUG KIT	1			4POL BU DINBA AMP WINKEL	0,000		
/110	6029.201.618		PLUG	1			4POL BU DINBA AMP WINKEL	0,000		
370	---		DETENT PLUNGER	1			87N*50N.M*WR	0,000		
---	1324.207.005		DETENT PLUNGER	1			KPL. *87 N	0,000		
---	---		WASHER	1			H= 1,90- 3,30(ABSTUFUNG:0,10MM)	0,000		
---	0730.007.835		WASHER	1			A=3,30 IN 0730 007 611(3)	0,000		
---	0730.007.834		WASHER	1			A=3,20 IN 0730 007 611(3)	0,000		
---	0730.007.833		WASHER	1			A=3,10 IN 0730 007 611(3)	0,000		
---	0730.007.832		WASHER	1			A=3,00 IN 0730 007 611(3)	0,000		
---	0730.007.831		WASHER	1			A=2,90 IN 0730 007 611(3)	0,000		
---	0730.007.621		WASHER	1			A=2,80 IN 0730 007 611(3)	0,000		
---	0730.007.620		WASHER	1			A=2,70 IN 0730 007 611(3)	0,000		
---	0730.007.619		WASHER	1			A=2,60 IN 0730 007 611(3)	0,000		
---	0730.301.240		WASHER	1		Z00009925210	A=2,50 2,50	0,000		
---	0730.007.617		WASHER	1			A=2,40 IN 0730 007 611(3)	0,000		
---	0730.007.616		WASHER	1			A=2,30 IN 0730 007 611(3)	0,000		
---	0730.007.615		WASHER	1			A=2,20 IN 0730 007 611(3)	0,000		

Parts list

Page 3 from 3

Material number: 1315.051.959

Plant: 068.09.01-1

Material-assembly-group-no: 1316.109.036

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
---	0730.007.614		WASHER	1			A=2,10 IN 0730 007 611(3)	0,000		
---	0730.007.613		WASHER	1			A=2,00 IN 0730 007 611(3)	0,000		
---	0730.007.612		WASHER	1			A=1,90 IN 0730 007 611(3)	0,000		

Plant

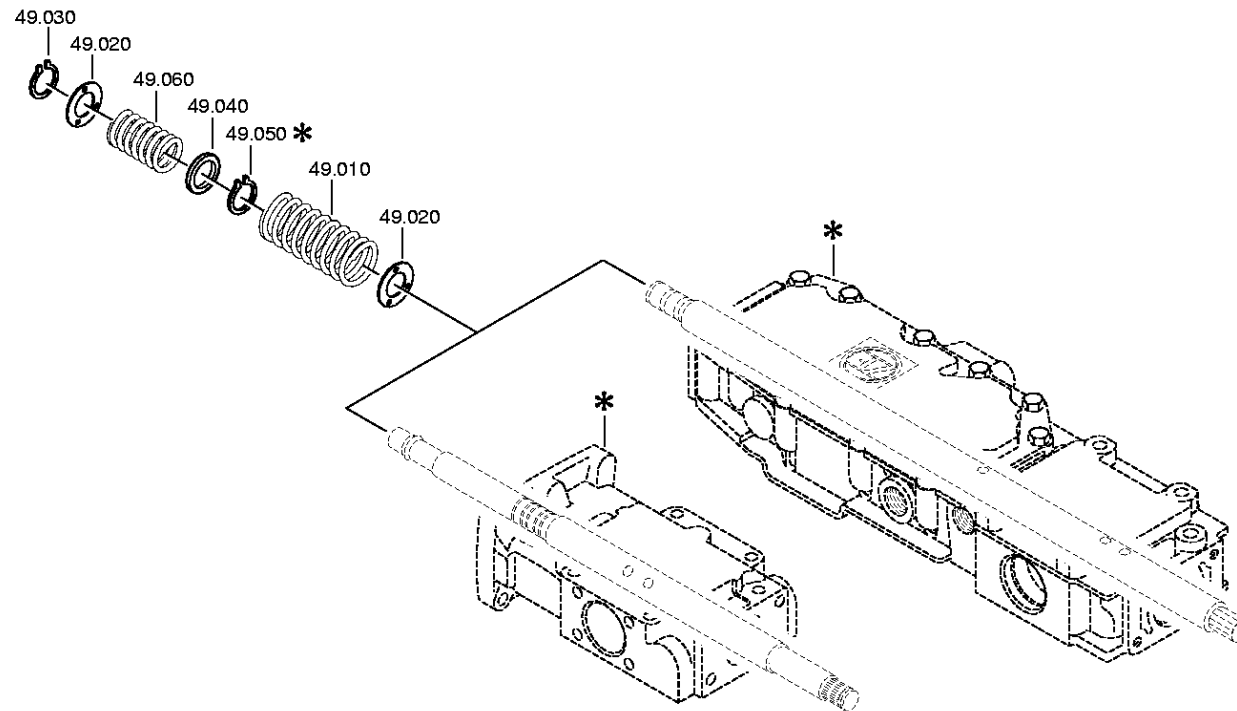
Page 1 from 1

Material number: 1315.051.959
Plant: 068.12.02-1

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY
SET OF SPRINGS



Material-assembly-group-no: 1316.149.028



Parts list

Page 1 from 1

Material number: 1315.051.959

Plant: 068.12.02-1

Material-assembly-group-no: 1316.149.028

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	0732.040.765		COMPRSPRING	1				0,000		
20	0730.301.376		WASHER	2		Z00008917410		0,000		
30	0630.532.138		V-RING	1				0,000		
40	0730.100.214		WASHER	1				0,000		
50	0630.532.138		V-RING	1				0,000		
60	0732.040.904		COMPRSPRING	1				0,000		

Plant

Page 1 from 1

Material number: 1315.051.959

Plant: 068.14.02-1

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY

SUPPORT



Material-assembly-group-no: 1315.122.810

Bildtafel:

Figure: 068.14.02

Figure:

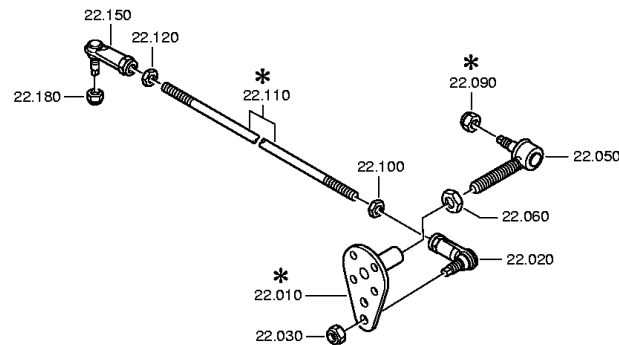
Figura:

je nach Stücklistenausführung

depending on spec. number

* suivant la nomenclature

secondo la distinta base



Parts list

Page 1 from 1

Material number: 1315.051.959

Plant: 068.14.02-1

Material-assembly-group-no: 1315.122.810

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

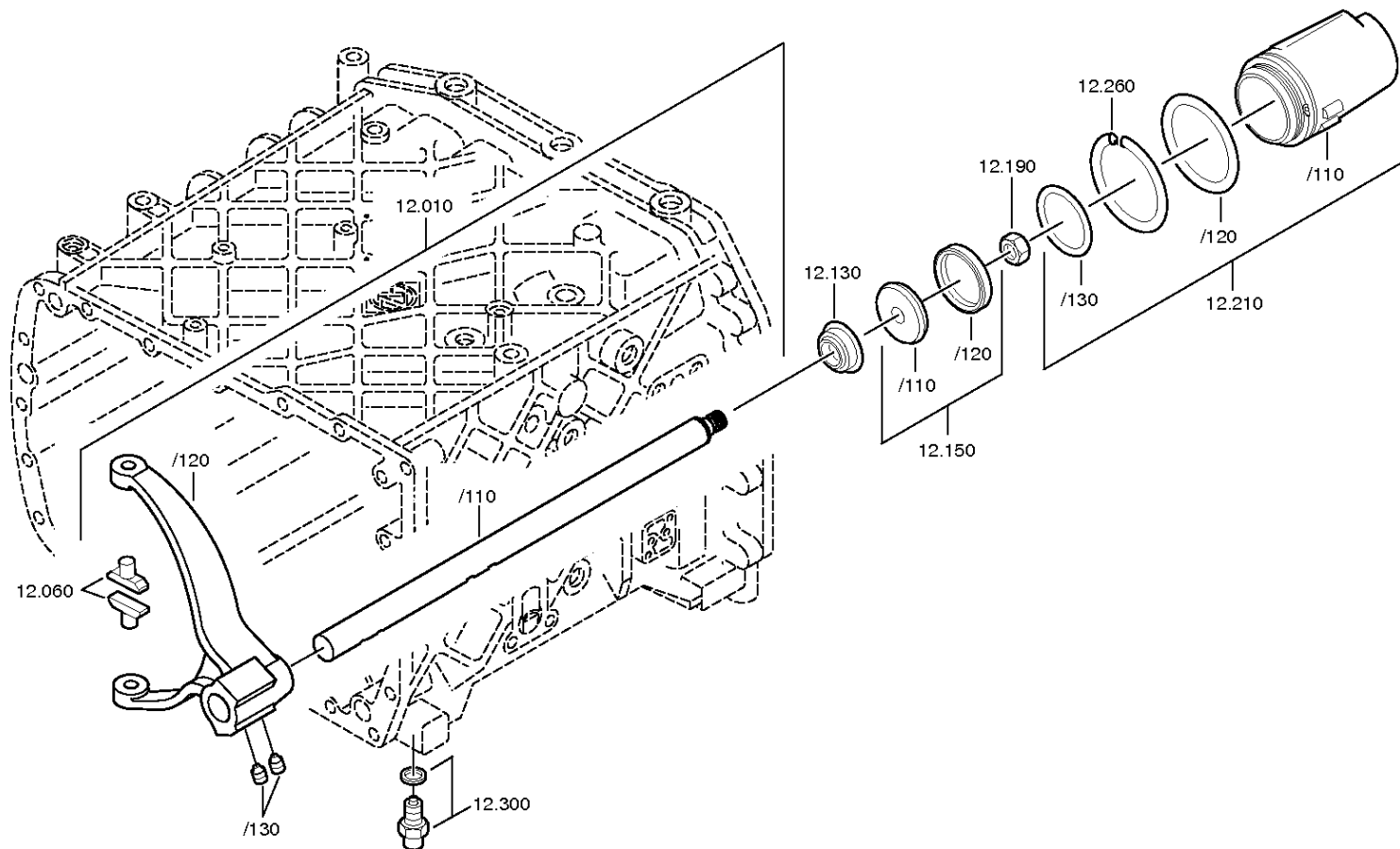
COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
20	0501.215.954		BALL JOINT	1			KPL.LI	0,000		
30	0637.011.656		HEXAGON NUT	1			M10	0,000		
50	0501.204.714		BALL JOINT	1			KPL. IN 0501 206 327(2)	0,000		
60	---		HEXAGON NUT	1			M14X1,5	0,000		
---	0637.006.180		HEXAGON NUT	1			M14X1,5	25		
90	---		LOCKING NUT	1			M10X1	0,000		
---	0637.011.589		HEXAGON NUT	1			M10X1	0,012		
100	---		HEXAGON NUT	1			M12 LH	0,000		
---	0637.006.215		HEXAGON NUT	1			M12	0,000		
120	---		HEXAGON NUT	1			M12	0,000		
---	0637.006.202		HEXAGON NUT	1			M12	0,010		
150	0501.215.940		BALL JOINT	1			KPL.RE	0,000		
180	0637.011.656		HEXAGON NUT	1			M10	0,000		



GV-SHIFT SYSTEM



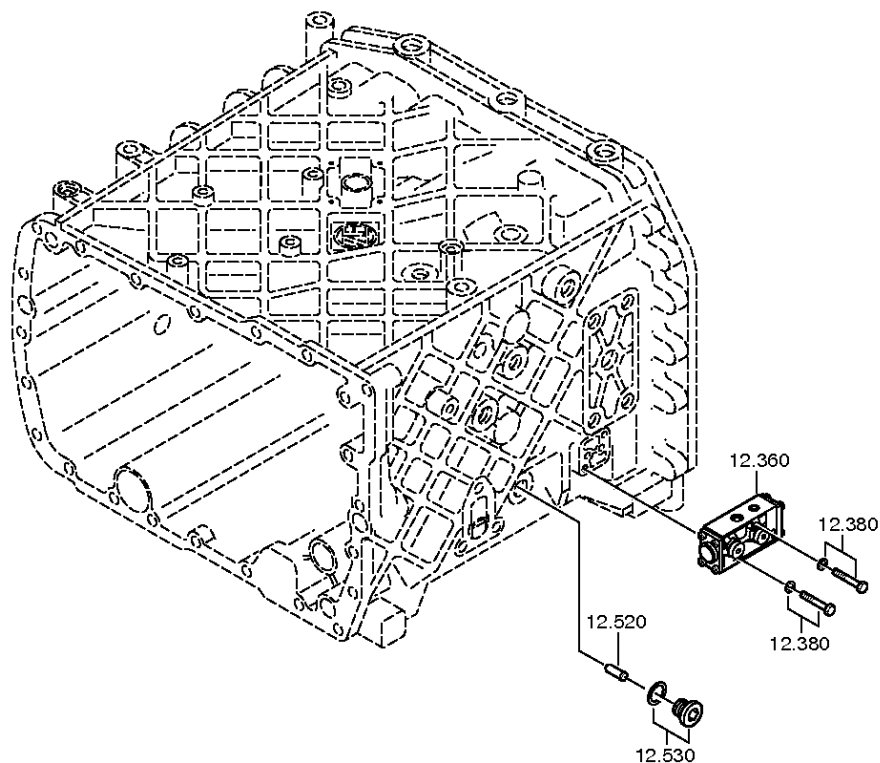
Plant

Page 2 from 2

Material number: 1315.051.959
Plant: 068.40.40-1

GV-SHIFT SYSTEM

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY
GV-SHIFT SYSTEM



Parts list

Page 1 from 2

Material number: 1315.051.959

Plant: 068.40.04-1

Material-assembly-group-no: 1315.112.014

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	1315.212.013		GEAR SHIFT RAIL	1			KPL.GV.LAG.GEH.1	0,000		
/110	1315.312.073		GEAR SHIFT RAIL	1				0,000		
/120	1315.312.074		GEAR SHIFT FORK	1			GV ECO 3	0,000		
/130	---		SET SCREW	2			M12X1	0,000		
---	1315.312.047		SET SCREW	2			M12X1	0,000		
60	1316.306.015		SLIDING PAD	2				0,000		
130	0750.112.131		FLANGE PACKING	1		Z00003588010	25X40X15	0,000		
150	1315.212.008		PISTON	1			KPL.	0,000		
/110	---		PISTON	1			GV SINTER/STAHL	0,000		
---	1315.312.020		PISTON	1			GV	0,000		
---	1315.312.003		PISTON	1			GV	0,000		
/120	0750.112.177		DOUBLE U-PACKING	1			55X63X9,4	0,000		
190	0737.300.037		LOCKING NUT	1			MS16X1,5	0,000		
210	1315.212.010		CYLINDER	1			KPL.	0,000		
/110	1315.312.048		CYLINDER	1			ENTHALT.IN 1315 312 033(1)	0,000		
/120	0634.313.018		O-RING	1			82X3	0,000		
/130	0634.313.320		O-RING	1			67X3	0,003		
260	1315.312.034		SPRING	1				0,000		
300	---		DETENT PLUNGER	1			235N*50N.M	0,000		
---	1313.207.003		DETENT PLUNGER	1		C01009860C10	KPL. IN 1313 207 001(2)	0,000		
---	0730.008.604		SEALING RING	1		C01009860C10		0,000		
360	0501.215.359		5/2 WAY VALVE	1		C01004003F10	KPL.SG	0,000		
/20	0634.314.020		O-RING	1			8X2	0,000		
/22	0634.314.020		O-RING	1			8X2	0,000		
380	---		HEXAGON BOLT	2			M6X40	0,000		
---	0636.010.740		HEXAGON BOLT	2			M6X40	0,000		
---	0630.001.076		WASHER	2				0,001		
520	1295.212.006		PIN	1			KPL.	0,000		
530	---		SCREW PLUG	1		Z00010111513	35N.M*DICHTRING M18X1,5	0,000		

Parts list

Page 2 from 2

Material number: 1315.051.959

Plant: 068.40.04-1

Material-assembly-group-no: 1315.112.014

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

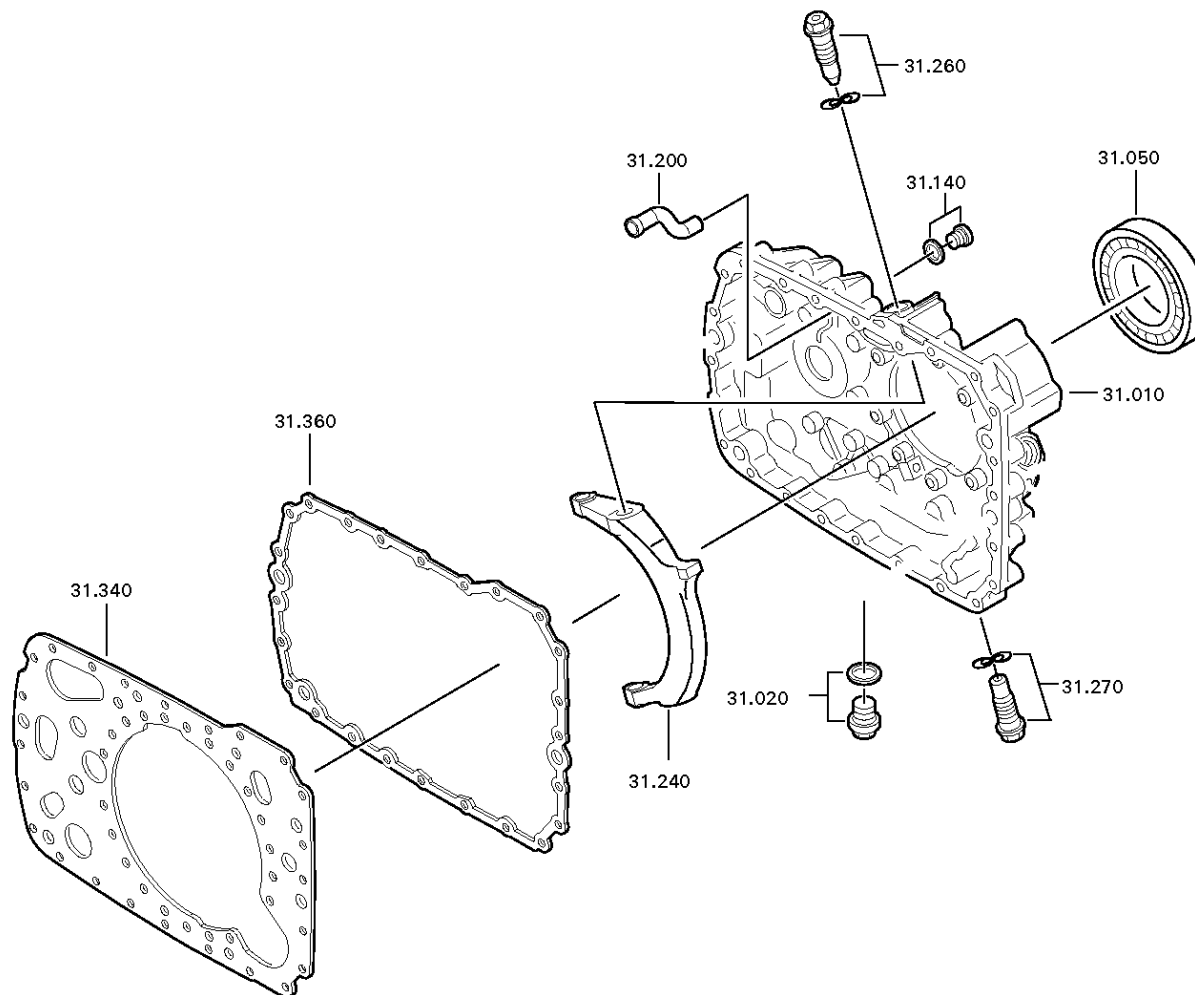
COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
---	0636.100.791		SCREW PLUG	1		Z00010111521	M18X1,5	0,000		
---	0634.801.062		SEALING RING	1		Z00010111521	18X24	0,001		



GP HOUSING



Plant

Page 2 from 3

Material number: 1315.051.959

Plant: 068.43.43-1

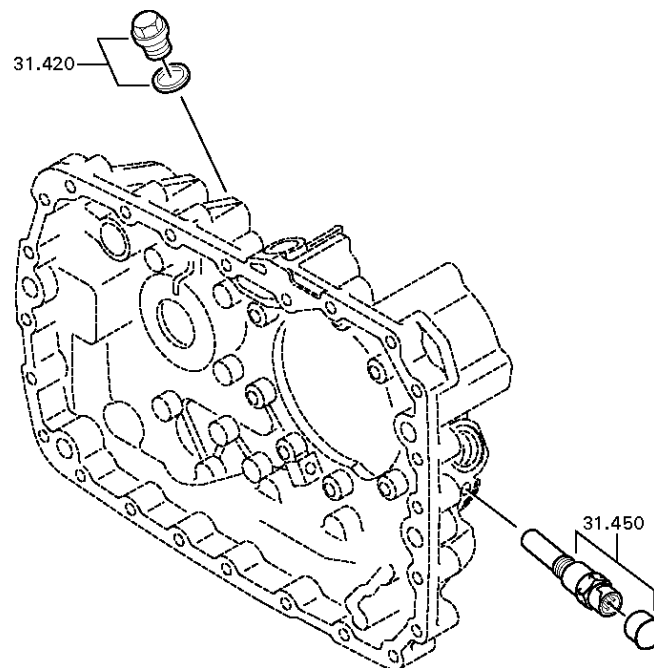
16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY

GP HOUSING

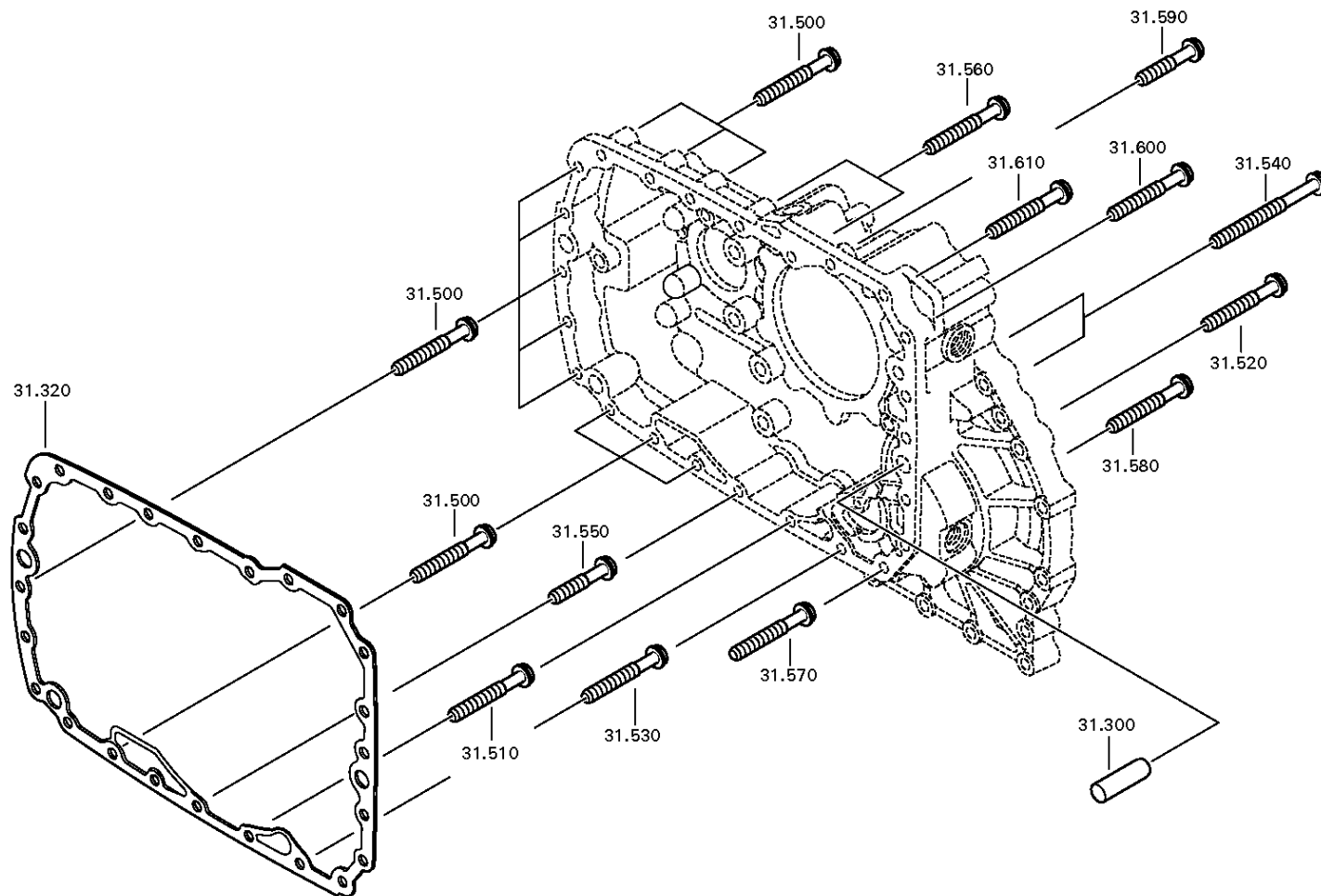


GP HOUSING





GP HOUSING



Parts list

Page 1 from 2

Material number: 1315.051.959

Plant: 068.43.02-1

Material-assembly-group-no: 1315.131.036

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	1315.301.224		HOUSING	1			ENTHALT.IN 1315 301 222(0)	0,000		
20	---		SCREW PLUG	1		Z00010112111	60N.M*DICHTRING M24X1,5	0,000		
---	0636.304.088		SCREW PLUG	1		Z00010112110	M24X1,5	0,000		
---	0730.008.637		SEALING RING	1		Z00010112110	A24X29	0,000		
50	0750.116.394		BALL BEARING	1		C01007214E10		0,000		
140	---		SCREW PLUG	1		C01004359F10	15N.M*DICHTRING M10X1	0,000		
---	0636.100.793		SCREW PLUG	1		Z00010111613	M10X1	0,000		
---	0730.008.055		SEALING RING	1			A10X14	0,000		
200	1296.301.008		SPRAY TUBE	1				0,000		
240	1315.334.039		GEAR SHIFT FORK	1				0,000		
260	---		ARTICULATION BOLT	1		Z00004075611	O.SCHEIBE M24X1,5 SK6	0,000		
---	1315.334.074		ARTICULATION BOLT	1		Z00004075610		0,000		
270	---		ARTICULATION BOLT	1		Z00004075611	O.SCHEIBE M24X1,5 SK6	0,000		
---	1315.334.074		ARTICULATION BOLT	1		Z00004075610		0,000		
300	0731.201.563		CYLINDRICAL PIN	3				0,000		
320	1316.301.042		GASKET	1				0,000		
340	1315.301.118		INTERMPATE	1			ENTHALT.IN 1315 301 144(0)	0,000		
360	1316.301.042		GASKET	1				0,000		
420	---		SCREW PLUG	1		Z00010111513	35N.M*DICHTRING M18X1,5	0,000		
---	0636.100.791		SCREW PLUG	1		Z00010111521	M18X1,5	0,000		
---	0634.801.062		SEALING RING	1		Z00010111521	18X24	0,001		
450	---		PULSE SENSOR	1		Z00004287211	35N.M* FLAECHEHDICHTG* SCHUTZKAPPE	0,000		
---	0501.208.795		PULSE SENSOR	1		Z00004287210	KPL. IN 0501 208 790(1)	0,000		

Parts list

Page 2 from 2

Material number: 1315.051.959

Plant: 068.43.02-1

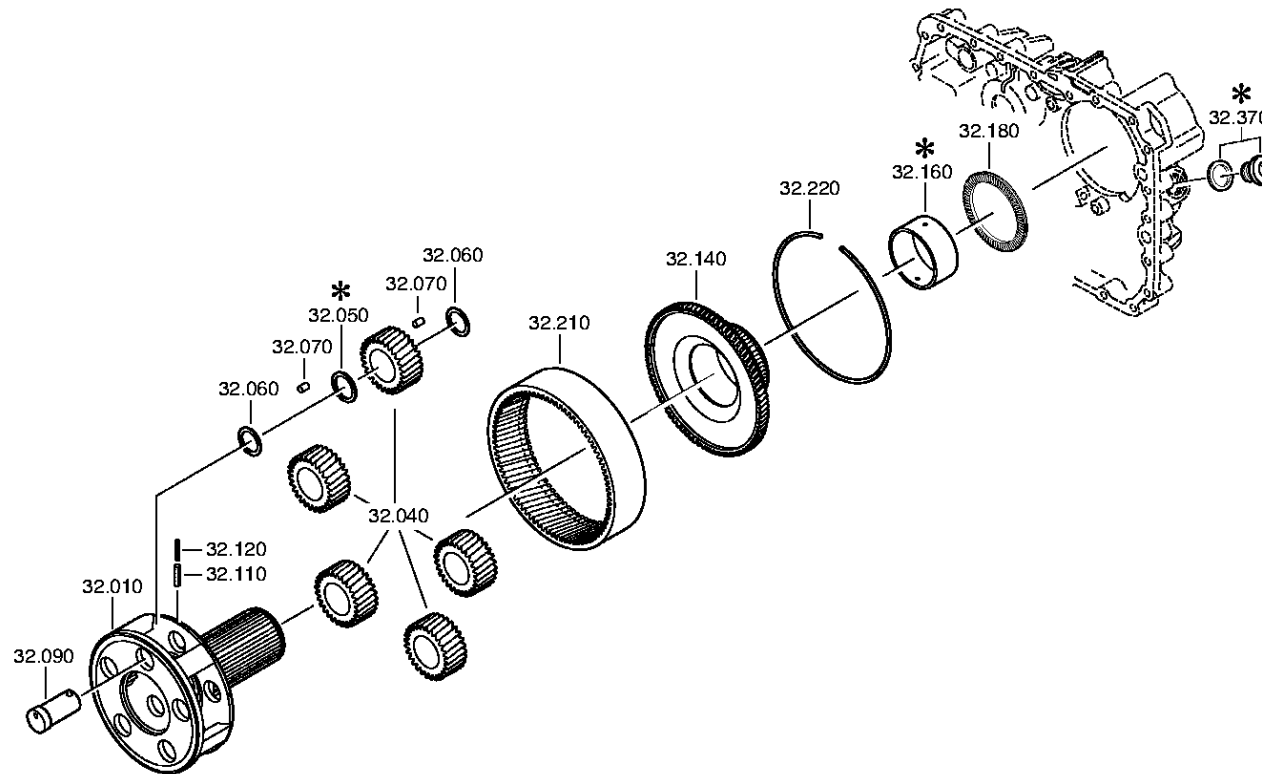
Material-assembly-group-no: 1315.131.036

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
500	0736.300.123		HEXAGON BOLT	11			M10X70 M10X70	0,000		
510	0736.300.123		HEXAGON BOLT	1			M10X70 M10X70	0,000		
520	0736.300.123		HEXAGON BOLT	1			M10X70 M10X70	0,000		
530	0736.300.123		HEXAGON BOLT	1			M10X70 M10X70	0,000		
540	0736.300.122		HEXAGON BOLT	2		Z00009403110	M10X110 M10X110	0,000		
550	0736.300.134		HEXAGON BOLT	1		Z00011103210	M10X45 M10X45	0,000		
560	0736.300.123		HEXAGON BOLT	2			M10X70 M10X70	0,000		
570	0736.300.123		HEXAGON BOLT	1			M10X70 M10X70	0,000		
580	0736.300.123		HEXAGON BOLT	1			M10X70 M10X70	0,000		
590	0736.300.134		HEXAGON BOLT	1		Z00011103210	M10X45 M10X45	0,000		
600	0736.300.123		HEXAGON BOLT	1			M10X70 M10X70	0,000		
610	0736.300.123		HEXAGON BOLT	1			M10X70 M10X70	0,000		



Parts list

Page 1 from 1

Material number: 1315.051.959

Plant: 068.44.07-1

Material-assembly-group-no: 1315.132.015

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

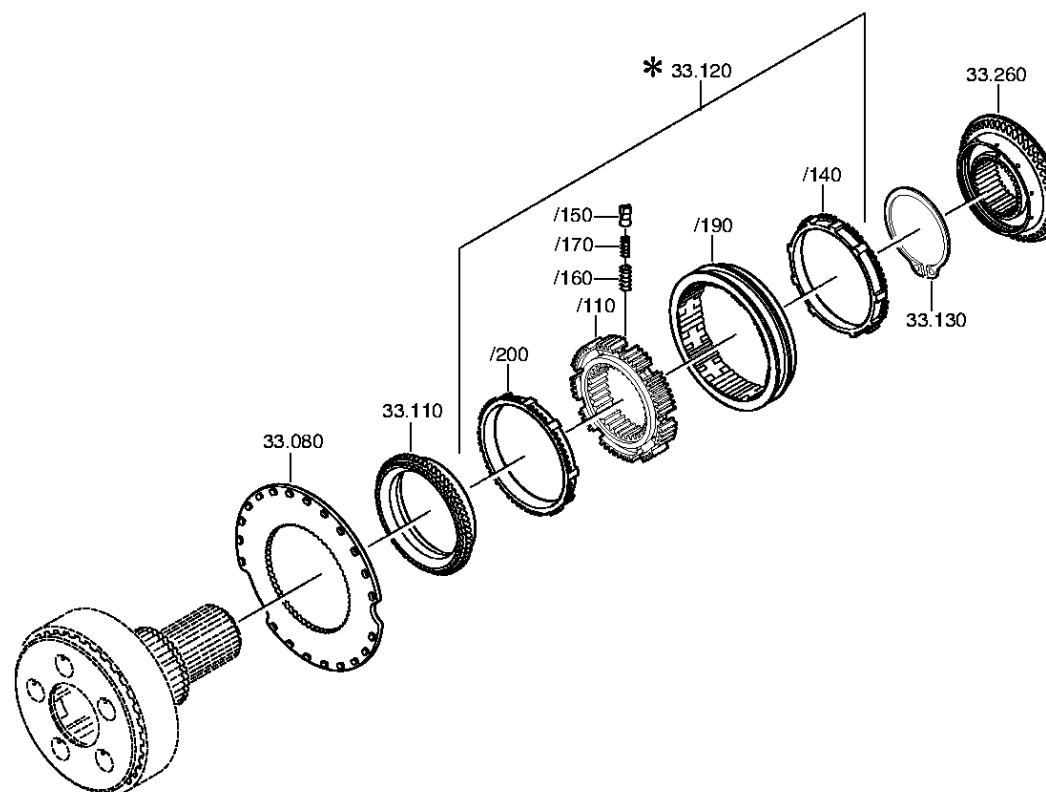
COMPANY

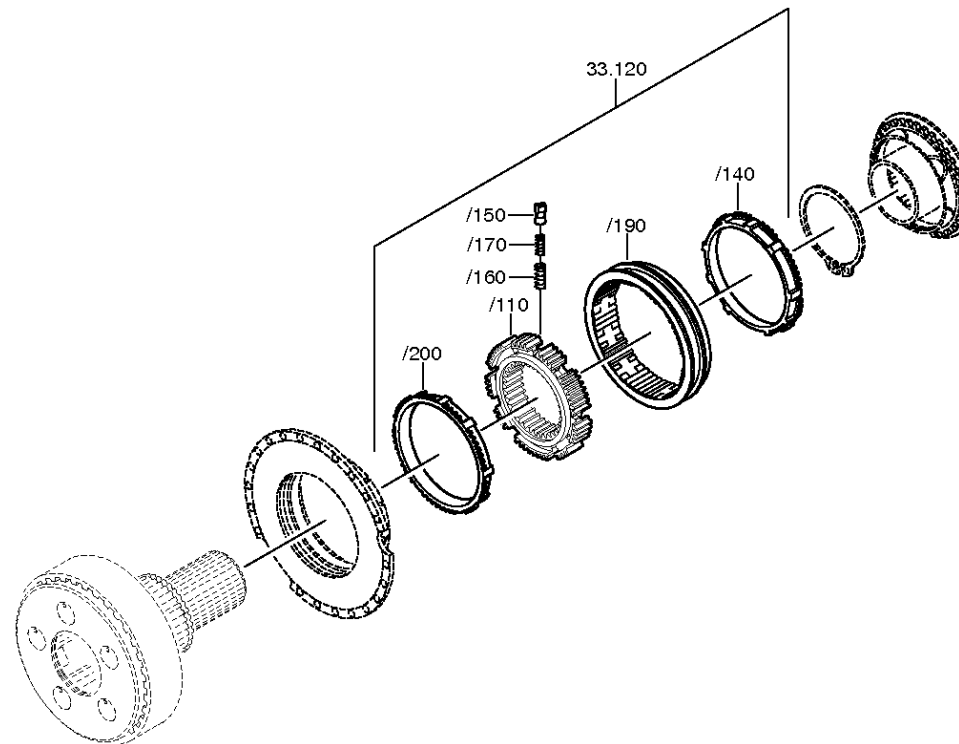


Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	1315.232.017		PLANET CARRIER	1		C01003197C10	KPL.4,565*SV-GP*FL. PROF.90	0,000		
40	1315.232.010		PLANET GEAR SET	1			KPL.	0,000		
60	0730.107.168		INTERMWASHER	15			A=1,00 IN 0730 105 951(2)	0,000		
70	0750.119.116		ROLLER	140			10,0X16,8	0,010		
90	1315.332.053		PLANET SHAFT	5		C01007226B10	ENTHALT.IN 1316 332 037(2)	0,000		
110	0631.329.051		SLOTPIN	5			5X26	0,002		
120	0631.329.167		SLOTPIN	5			3X26	1		
140	1316.332.130		RING GEAR CARRIER	1		C01007305F10		0,000		
160	1316.333.014		INTERMRING	1				0,000		
180	0735.298.169		AXIAL NEEDLE BEARING	1			104,5X128,4X10,0 FA.INA	0,000		
210	1315.332.041		RING GEAR	1			IN 1316 332 055(1)	0,000		
220	0730.513.583		LOCKING WIRE	1			A=3,20 IN 0730 505 052(2)	0,000		



SYNCHRONIZER





Parts list

Page 1 from 1

Material number: 1315.051.959

Plant: 068.45.04-1

Material-assembly-group-no: 1316.133.008

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
80	1296.333.046		CLUTCH DISC	1			ENTHALT.IN 1296 333 051(1)	0,000		
110	1296.333.050		CLUTCH BODY	1		C01002627A10	ENTHALT.IN 1296.333. 053(1)	0,000		
120	1316.233.022		SYNCHRONIZER	1			KPL.PROFIL 80GV-GP 90SV-GP	0,000		
/110	1313.333.001		SYNCHROBODY	1			ENTHALT.IN 1296 333 014(1)	0,000		
/140	1296.333.045		SYNCHRORING	1				0,000		
/150	1240.304.278		PRESSURE PIECE	9				0,000		
/160	0732.040.385		COMPRSPRING	9				0,000		
/170	0732.040.386		COMPRSPRING	9				0,000		
/190	1316.333.034		SLIDING SLEEVE	1		C01007317F10	ZF-B 165/74 GP	0,000		
/200	1296.333.045		SYNCHRORING	1				0,000		
130	0630.501.175		RETAINING RING	1		Z00006943010	125X3,7	0,000		
260	1316.233.029		CLUTCH BODY	1		C01007305F10	KPL. ZF-B 165/74	0,000		

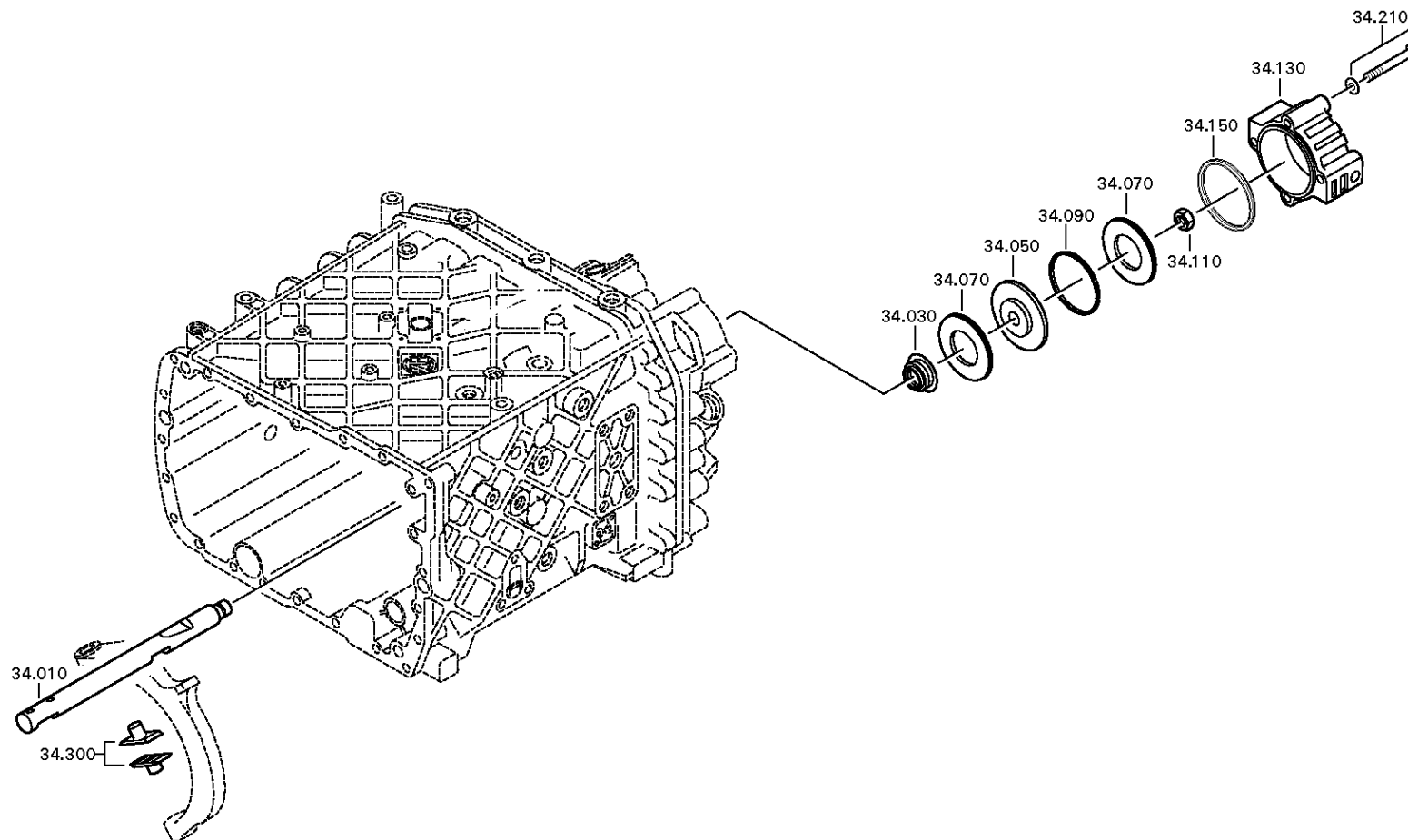
Plant

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Material number: 1315.051.959
Plant: 068.46.03-1

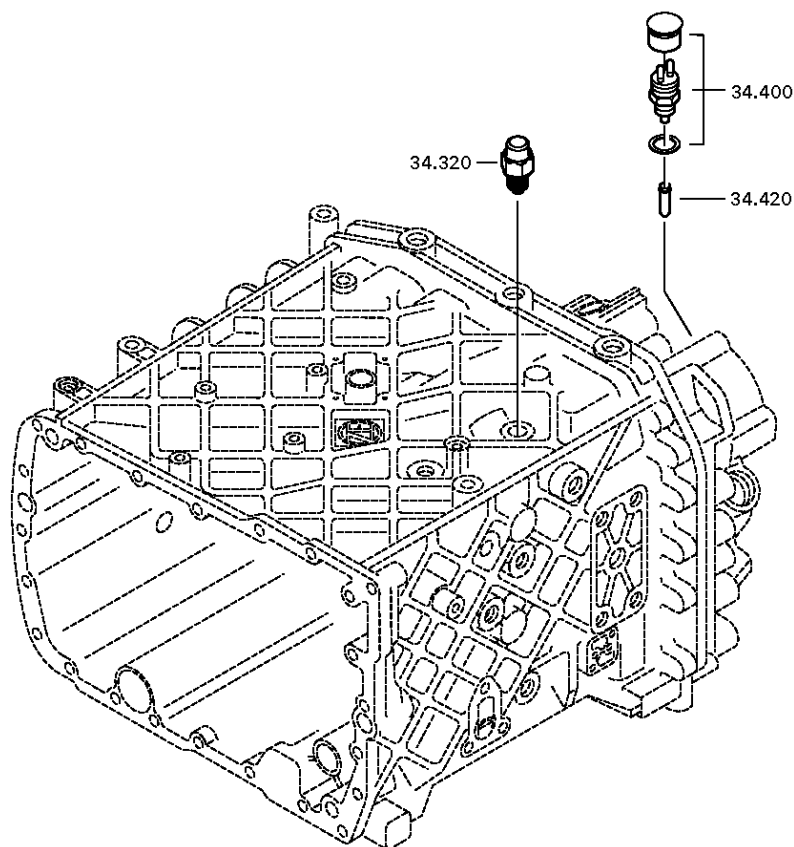
GP SHIFT SYSTEM

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY
GP SHIFT SYSTEM





GP SHIFT SYSTEM



Plant

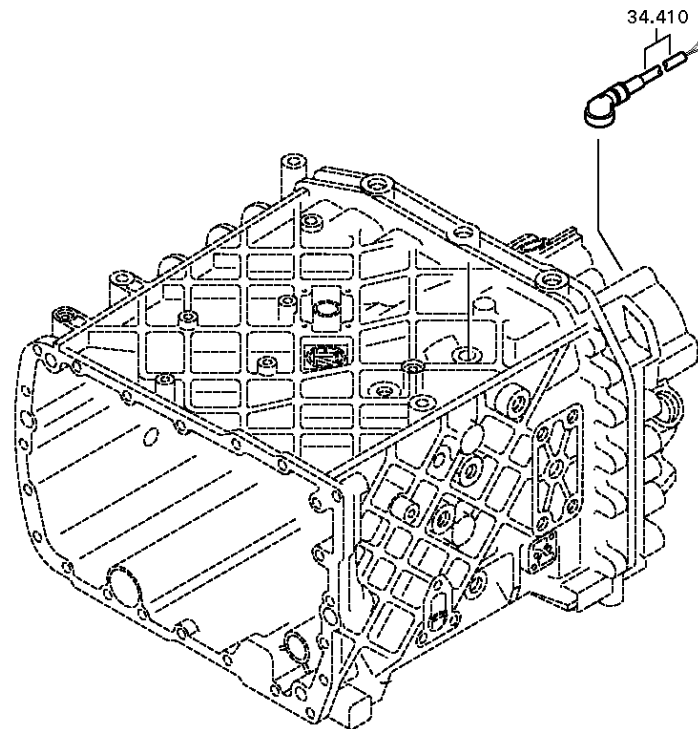
Page 3 from 3

Material number: 1315.051.959

Plant: 068.46.42-1

GP SHIFT SYSTEM

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY
GP SHIFT SYSTEM



Parts list

Page 1 from 1

Material number: 1315.051.959

Plant: 068.46.03-1

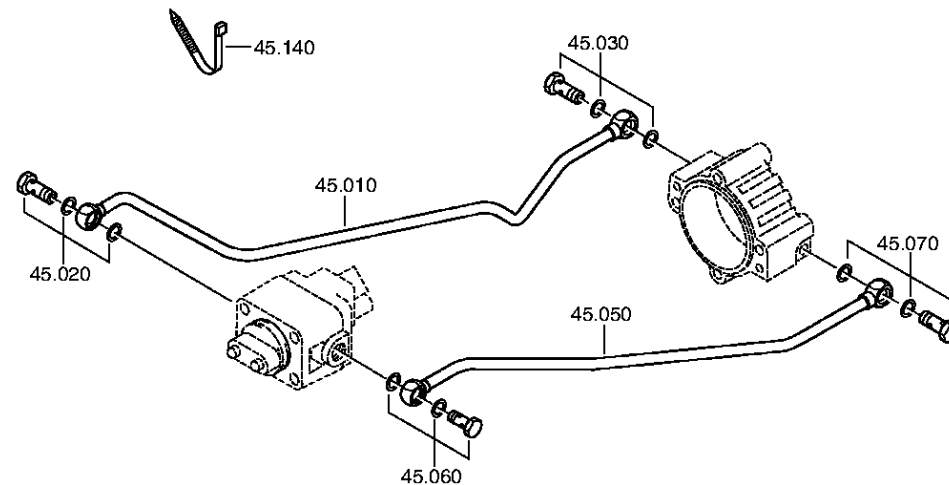
Material-assembly-group-no: 1315.134.015

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	1315.334.071		GEAR SHIFT RAIL	1				0,000		
30	0750.112.253		FLANGE PACKING	1			25X40X15	0,000		
50	---		PISTON	1			GP	0,000		
---	1315.334.034		PISTON	1			ENTHALT.IN 1315 334 040(2)	0,000		
---	1315.334.063		PISTON	1				0,000		
70	0734.307.294		SEALING RING	2			49X91X7,4 FA.KACO	0,000		
90	0750.112.066		GUIDE RING	1				0,000		
110	0737.300.037		LOCKING NUT	1			MS16X1,5	0,000		
130	1315.334.069		CYLINDER	1				0,000		
150	0501.317.536		PROFILE SEALING RING	1				0,000		
210	---		HEXAGON BOLT	4		Z00007349210	M10X90	0,000		
---	0636.015.688		HEXAGON BOLT	4		Z00007349212	M10X90	0,000		
---	0630.001.048		WASHER	4				3,400		
300	1296.334.004		SLIDING PAD	2				0,000		
320	---		DETENT PLUNGER	1			145N*50N.M	0,000		
---	1324.207.035		DETENT PLUNGER	1			KPL. *145 N	0,000		
---	0730.008.604		SEALING RING	1				0,000		
400	---		SWITCH	1		Z00004287211	SCHL *45N.M* DICHTRING* BAJONETT* SCHUTZKAPPE	0,000		
---	0501.210.058		SWITCH	1			KPL.	0,000		
---	0634.801.062		SEALING RING	1			18X24	0,001		
---	0700.300.427		PROTECTION CAP	1				0,005		
410	6029.199.111		PLUG KIT	1			4POL BU DINBA AMP WINKEL	0,000		
/110	6029.201.618		PLUG	1			4POL BU DINBA AMP WINKEL	0,000		
420	1295.212.006		PIN	1			KPL.	0,000		



Parts list

Page 1 from 1

Material number: 1315.051.959

Plant: 068.57.04-1

Material-assembly-group-no: 1315.145.004

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	1315.245.016		PIPE	1		C01003833B10	KPL.GP RE*L=515MM* 12X1,5	0,000		
20	---		UNION SCREW	1		Z00010274511	M14X1,5	0,000		
---	0737.300.061		UNION SCREW	1		Z00012473710	M14X1,5	0,000		
---	0634.801.217		SEALING RING	1		Z00010274513	14X20	0,000		
30	---		UNION SCREW	1		Z00010274511	M14X1,5	0,000		
---	0737.300.061		UNION SCREW	1		Z00012473710	M14X1,5	0,000		
---	0634.801.217		SEALING RING	1		Z00010274513	14X20	0,000		
50	1315.245.017		PIPE	1		C01003833B10	KPL.GP LI*L=532MM* 12X1,5	0,000		
60	---		UNION SCREW	1		Z00010274511	M14X1,5	0,000		
---	0737.300.061		UNION SCREW	1		Z00012473710	M14X1,5	0,000		
---	0634.801.217		SEALING RING	1		Z00010274513	14X20	0,000		
70	---		UNION SCREW	1		Z00010274511	M14X1,5	0,000		
---	0737.300.061		UNION SCREW	1		Z00012473710	M14X1,5	0,000		
---	0634.801.217		SEALING RING	1		Z00010274513	14X20	0,000		
140	0659.160.081		CABLE CLIP	1		C01006654E10	4,7X210	0,000		

Parts list

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Material number: 1315.051.959

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK
COMPANY

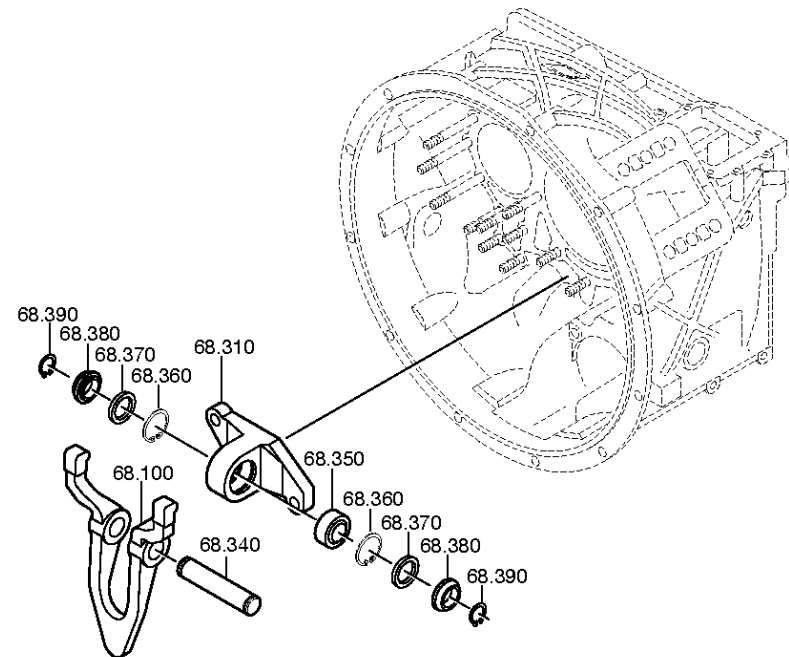
Material-assembly-group-no: 6090.102.411



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
340	6029.199.111		PLUG KIT	1			4POL BU DINBA AMP WINKEL	0,000		
/110	6029.201.618		PLUG	1			4POL BU DINBA AMP WINKEL	0,000		

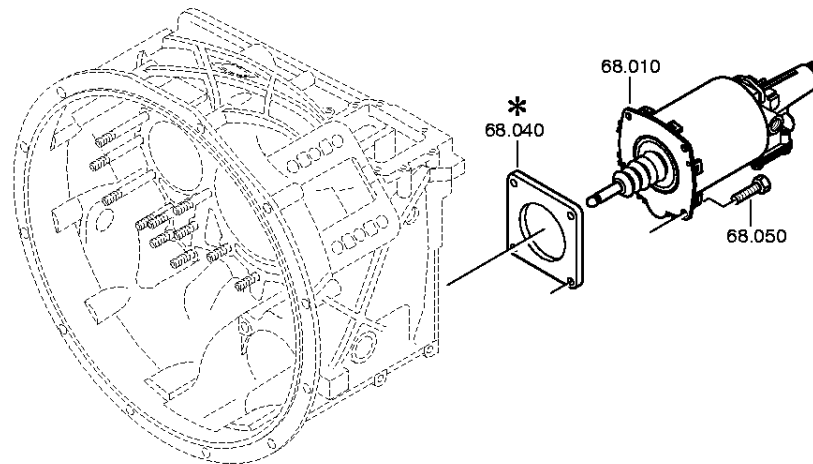


CLUTCH RELEASE DEVICE





CLUTCH RELEASE DEVICE



Parts list

Page 1 from 1

Material number: 1315.051.959

Plant: 068.93.07

Material-assembly-group-no: 1315.168.019

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
10	0501.006.570		CLUTCH CYLINDER	1		C01007378A10		0,000		
50	0636.016.412		HEXAGON BOLT	4			M8X22	0,000		
100	1315.268.017		RELEASE FORK	1			KPL.AUSR-GELENKLAG*SW=78	0,000		
310	1315.306.080		BRACKET	1				0,000		
330	0636.100.727		HEXAGON BOLT	2			M12X35	0,000		
340	0731.201.606		PIN	1			ENTHALT.IN 0731 201 607(2)	0,000		
350	0635.285.037		JOINT BEARING	1				0,000		
360	0630.502.023		RETAINING RING	2			42X1,75	0,010		
370	0501.315.198		SEALING RING	2				0,000		
380	6060.306.087		SEALING WASHER	2				0,000		
390	0630.501.020		RETAINING RING	2			25X1,2	1,800		

Plant

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Material number: 1315.051.959

Plant: 068.94.02-1

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY

ACCESSORIES



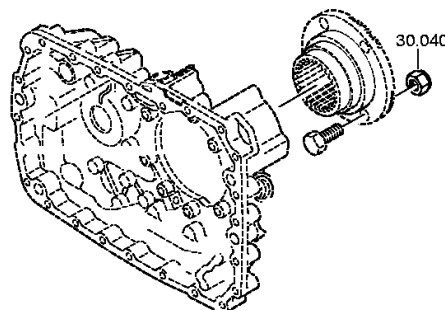
Material-assembly-group-no: 1316.130.002

Bildtafel:

Figure: 068.94.02

Figure:

Figura:



Parts list

Page 1 from 1

Material number: 1315.051.959

Plant: 068.94.02-1

Material-assembly-group-no: 1316.130.002

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
40	0637.100.256		HEXAGON NUT	4		Z00007353011	M14X1,5	0,000		

Plant

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Material number: 1315.051.959

Plant: 062.95.43-1

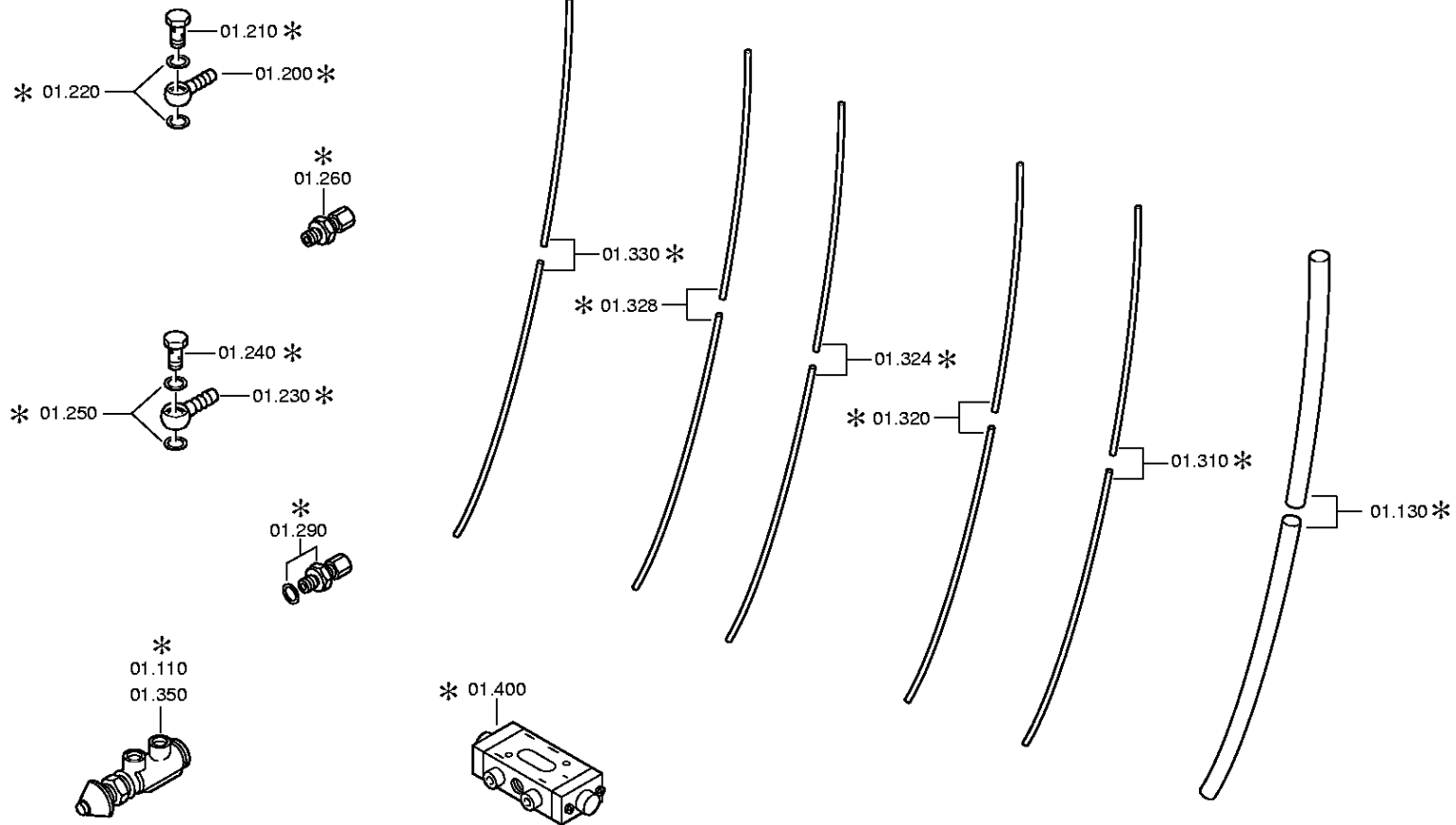
16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY

CONNECTING PARTS



Material-assembly-group-no: 6007.101.452



Parts list

Page 1 from 1

Material number: 1315.051.959

Plant: 062.95.43-1

Material-assembly-group-no: 6007.101.452

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
130	0659.145.019		SHRINKAGE HOSE	0,310				0,000		
290	---		PIPE UNION	2				0,000		
---	0737.843.036		PIPE UNION	2			M10X1	0,000		
---	0634.801.015		SEALING RING	2		C01002938C10	10X14	0,001		
310	0632.702.602		PIPE	10			4X1	0,000		
320	0632.702.602		PIPE	10			4X1	0,000		

Plant

Page 1 from 1

Material number: 1315.051.959

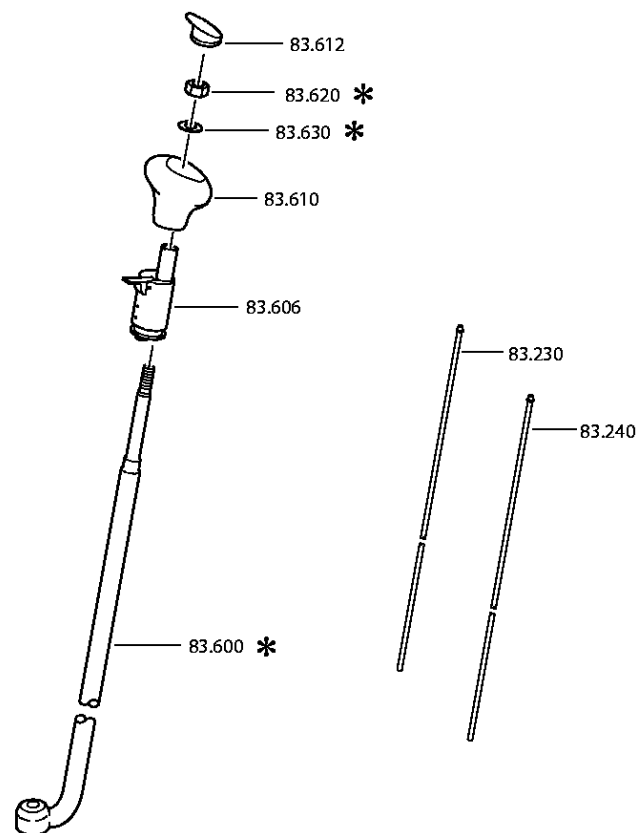
Plant: 062.98.41-1

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY

GEAR SHIFT LEVER

Material-assembly-group-no: 6005.183.535



Parts list

Page 1 from 1

Material number: 1315.051.959

Plant: 062.98.41-1

Material-assembly-group-no: 6005.183.535

16 S 151 PTO / KAMAZ PUBLIC JOINT STOCK

COMPANY



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Weight	Rep kit	Alternative material
606	0501.215.157		SHIFT VALVE	1		C01005478E10	KPL.	0,000		
610	6005.200.241		GEAR SHIFT KNOB	1		C01004677A10	KPL.	0,000		
612	6038.323.137		COVER	1			ENTHALT.IN 6038 323 098(0)	0,000		
620	0637.006.125		HEXAGON NUT	1			M10	10		
630	0630.001.048		WASHER	1				3,400		