



Spare Parts Catalog

9 S 109

Material number: 1304.051.532



Pos.	Information	Amendment number
001	Use case -----	
002	Customer Otosan Otomobil Sanayi A.S.	
003	City Kadiköy Istanbul	
004	DUNS	
005	Vehicle / Apparatus -----	
006	Sales Name 3230S	
007	Manufacturer Otosan Otomobil Sanayi A.S.	
008	Engineering Name	
009	Product Use TRUCK	
010	Vehicle/Hardware Type ROAD TRACTOR	
011	SOP	
012	Engine	
013	Sales Designation	
014	Manufacturer FORD	
015	Eng.Displ.	
016	Cylinder	
017	Nom. power 220 kW	
018	RPM at nom. power 2400 1/min	
019	Nom. torque 1100 Nm	
020	RPM at nom. torque 1800 1/min	
021	Classification use case -----	
022	DESIGNATION, CLUTCH 395DBE	
023	MANUFACTURER, CLUTCH VALEO	
024	TOTAL NUMBER OF GEARS 8	
025	NUMBER OF DRIVING GEARS 2	
026	DYNAMIC TYRE RADIUS 527 mm	
027	REAR AXLE RATIO 4,56	
032	PERMISS.GROSS COMBIN.WEIGHT 40 t	
033	Product description -----	
034	INSTALLATION POS TRANSMISSION HORIZONTAL LEFT	



Pos.	Information	Amendment number
035	TRANSMISSION ATTACHMENT FLANGE-MOUNTED	
036	RATIO, BOTTOM GEAR 12,91	
037	RATIO, TOP GEAR 1	
038	SET OF RATIOS DG	
039	RATIO, 1ST GEAR 12,91	
040	RATIO, 2ND GEAR 8,96	
041	RATIO, 3RD GEAR 6,37	
042	RATIO, 4TH GEAR 4,71	
043	RATIO, 5TH GEAR 3,53	
044	RATIO, 6TH GEAR 2,54	
045	RATIO, 7TH GEAR 1,81	
046	RATIO, 8TH GEAR 1,34	
047	RATIO, 1ST GEAR REVERSE 12,2	
048	RATIO, 9TH GEAR 1	
049	UEBERSETZUNG PLANETENSATZ 3,53	
050	NUMBER OF PLANETARY GEARS 4	
052	DESIGN, SHIFT SYSTEM TURNING SHAFT	
053	POSITION, GEAR SHIFT SYSTEM HORIZONTAL RIGHT	
054	DESIGN, SHIFT PATTERN H-H	
057	AUSFUEHRUNG ROHR GP PLASTIC PIPING	
062	DESIGN, SEPARATING CLUTCH FULL-SYNCHRONIZED	
063	REFERENCE LENGTH INPUT SHAFT 305 mm	
064	STANDARD TYPE INPUT SHAFT SAE	
065	NUMBER OF WEDGES INPUT SHAFT 10	
066	VERSION OF INPUT SHAFT FORM C	
067	DIAMETER, JOURNAL, INPUT SHAFT 25 mm	
069	NOMINAL DIAMETER INPUT SHAFT 1,75 in	
070	TYPE FIT SPIGOTS INPUT SHAFT F7	
072	DIAMETER SHAFT OF INPUT SHAFT 44 mm	
074	BUSH VARIANT INPUT SHAFT WITHOUT GROOVE	



Pos.	Information	Amendment number
078	DIAMETER, RELEASE FLANGE 57 mm	
079	DICHTKAPPE AUSRUECKLAGERFL n	
080	TYPE FIT RELEASE BEARING FLA. E8	
081	DESIGN BEARING OUTPUT STANDARD SUSPENSION	
082	OUTER DIA. OUTPUT FLANGE RA 180 mm	
083	NO.OF SCREWS OUTPUT FLANGE RA 4	
086	REF. LENGTH OUTPUT FLANGE RA 103 mm	
087	DIA. THREAD OUTPUT FL. SCR. RA M14	
090	THREAD PITCH OUTPUT FL SCR. RA 2 mm	
092	THREAD LENGTH OUTP.FL SCREW RA 50 mm	
093	DIMENSION SHIFT TURRET DIST. 248 mm	
094	MEAS. LOC. SHIFT TURRET DIST. SHIFT LEVER-LOCATION	
095	TYPE OF SHIFT CONTROL CONTROL CABLE	
115	SPRING ARRANGEMENT Q1	
116	TOOLING SET OF SPRINGS W091	
117	SPRING FORCE DETENT PLUNGER RG 60 N	
118	SPRING FORCE,GEAR DETENT NG+GG 68 N	
122	SELECTION PATTERN VARIANT GEAR SHIFT PATTERN 2	
131	SWITCH, REVERSE GEAR y	
132	DESIGN, RG (REV.GEAR) SWITCH CLOSING	
133	NOTE ON SWITCH, REVERSE GEAR GEAR SHIFT RAIL	
134	PROT. CAP SWITCH, REVERSE GEAR y	
135	DESIGN, CONNECTION, RG SWITCH DIN BAYONET	
137	SWITCH, NEUTRAL GEAR y	
138	DESIGN,NG(NEUTRAL GEAR)SWITCH OPENING SWITCH	
139	PROT.CAP SWITCH, NEUTRAL GEAR y	
140	DESIGN, CONNECTION, NG SWITCH DIN BAYONET	
142	FUNKTION GP-SCHALTER GP	
143	DESIGN, GP SWITCH WITHOUT GROOVE	
144	PROTECTING CAP GP SWITCH n	



Pos.	Information	Amendment number
152	NORMENART HOHLFLANSCH HEXAGON SCREW	
158	ATTACHED AGRREGATES 1 WITHOUT WSK	
159	ATTACHM.POS.HEAT EXCHANGER WITHOUT GROOVE	
161	VER. TRANSMISSION VENTILATION BREATHER	
167	ATTACHMENT VARIANT, RETARDER WITHOUT GROOVE	
178	REF.LENGTH,RELEASE BEAR.FLAN 190 mm	
213	DESIGN PULSE SENSOR INPUT WITHOUT GROOVE	
215	PROT.CAP PULSE SENSOR INPUT n	
222	NO.OF PULSES PULSE SENSOR SFI H68 8 IMP/U	
225	DESIGN PULSE SENSOR SFI H68 WITH	
228	PROT.CAP PULSE SENSOR SFI H68 y	
230	DESIG,CONN,PULSE SENS. SFI H68 DIN BAYONET	
261	HINWEIS ZU OELBEFUELLUNG FILL IN OVERFLOW	
262	POSITION, OIL FILLER HOUSING, LH SIDE	
263	OIL CAPACITY, GEARBOX 8,5 dm3	
265	OIL GRADE PERMISSIBLE ACC. TO TE-ML02	
267	COLOR NOT	
272	CODING OUTER CONSERVATION KA1	
273	SCOPE OUTER CONSERVATION T	
274	CODING INNER CONSERVATION KI1	
275	CONSERVATION SPECIFICATION ZFN 916	
277	Documents -----	
278	SCHALTGETRIEBE Drawing 1304.051.410	
279	Drawing 1304.149.012	
280	Drawing 1304.172.171	
281	9-GANG-GETRIEBE Drawing 1304.651.090	
282	Alias ID -----	
283	Otosan Otomobil Sanayi A.S. 3C467001C2B	



Graphics	Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	ID
062.01.05-1	110	1304.101.300	GEARBOX HOUSING	1	C0100527 0E10	00.00.0000		9S109 *DG*WA*ZWG*LRG *R12,20	3
062.01.05-1	118	1304.101.402	CONNECTING PARTS	1		00.00.0000		WS*OHNE	3
062.01.05-1	120	1304.101.920	GEARBOX HOUSING	1		00.00.0000		9S109 *DG*WA*ZWG*LRG *R12,20	3
062.01.05-1	122	1304.101.800	CLOSING COMPONENTS	1		00.00.0000		NA-OEFFNUNG	3
062.02.01-1	140	1304.102.443	CONNPLATE	1		00.00.0000		L=190*D=57E8	3
062.02.01-1	150	1304.102.805	INPUT SHAFT	1		00.00.0000		O.WSK	3
062.02.01-1	910	1304.102.149	INPUT SHAFT	1		00.00.0000		12,91-1,00 *L=305*SAE10C 1 3/4	3
062.03.04-1	180	1304.103.804	LAYSHAFT	1		00.00.0000		O.WSK*PUMPE	3
062.03.04-1	920	1304.103.059	LAYSHAFT	1		00.00.0000		12,91-1,00 *R12,20	3
062.04.04-1	930	1304.104.137	MAIN SHAFT	1		00.00.0000		12,91-1,00*LRG *R12,20	3
062.06.18-1	230	1304.106.124	GEAR SHIFT SYSTEM	1		00.00.0000		9S109 *DG*WA*WII	3
062.06.18-1	238	1304.106.443	CONNECTING PARTS	1		00.00.0000		WA*RG-SCHL*NG-OEFF*BAJONE.	3
062.07.08-1	20	1304.107.615	GEAR SHIFT SHAFT	1		00.00.0000		SCHUTZKAPPE*6KT.SCHRAUBE *LP	3
062.07.08-1	282	1304.107.840	GEAR SHIFT HOUSING	1		00.00.0000		ABSTUETZPUNKT OTOSAN *GG-RASTRG.SCHWACH* 68N	3
062.07.08-1	910	1304.107.216	GEAR SHIFT HOUSING	1		00.00.0000		9/16S109 *H-H* 60N *GG-RASTRG.SCHWACH*K.ROLLE*	3 DR2,5
062.07.08-1	914	1304.107.489	GEAR SHIFT SHAFT	1		00.00.0000		9/16S109*WII*248 *HH-WR *O.HEBEL	3
062.08.02-1	926	1304.170.003	SHIFT TURRET	1		00.00.0000		213,5-301,5*WR	3
062.08.02-1	930	1304.170.017	COVER	1		00.00.0000		WR	3
062.08.02-1	934	1304.170.804	COVER	1		00.00.0000			3
062.12.02-1	922	1304.149.142	SET OF SPRINGS	1		00.00.0000		WR *H-H/H*Q1 *W091 *WL*H	3
062.43.09-1	20	1304.131.069	GP HOUSING	1	Z0000150 2410	13.11.2008		9S109 *O.AUSGL.SCHEIBE *GP-KOLBEN*D=100MM	3
062.43.09-1	30	1304.131.400	CLOSING COMPONENTS	1		00.00.0000		NA-OEFFNUNG	3
062.43.09-1	512	1304.131.825	GP HOUSING	1		00.00.0000		ECOMID*6KT.SCHRAUBE *GP-KOLBEN*D=100MM	3
062.44.03-1	40	1304.132.099	PLANETARY DRIVE	1		00.00.0000		9S109*4-RAED*SYNCHR.D=165*IT*PARKBREMSE	3
062.44.03-1	50	1304.132.493	PLANETARY DRIVE	1		00.00.0000		AD=180*SCHR=4XM14X2,0X50 *INTARDER*E/Z8	3
062.44.03-1	60	1304.132.806	PLANETARY DRIVE	1		00.00.0000		9S109 *3,53*4-RAEDRIG	3

VKF Incidence factor

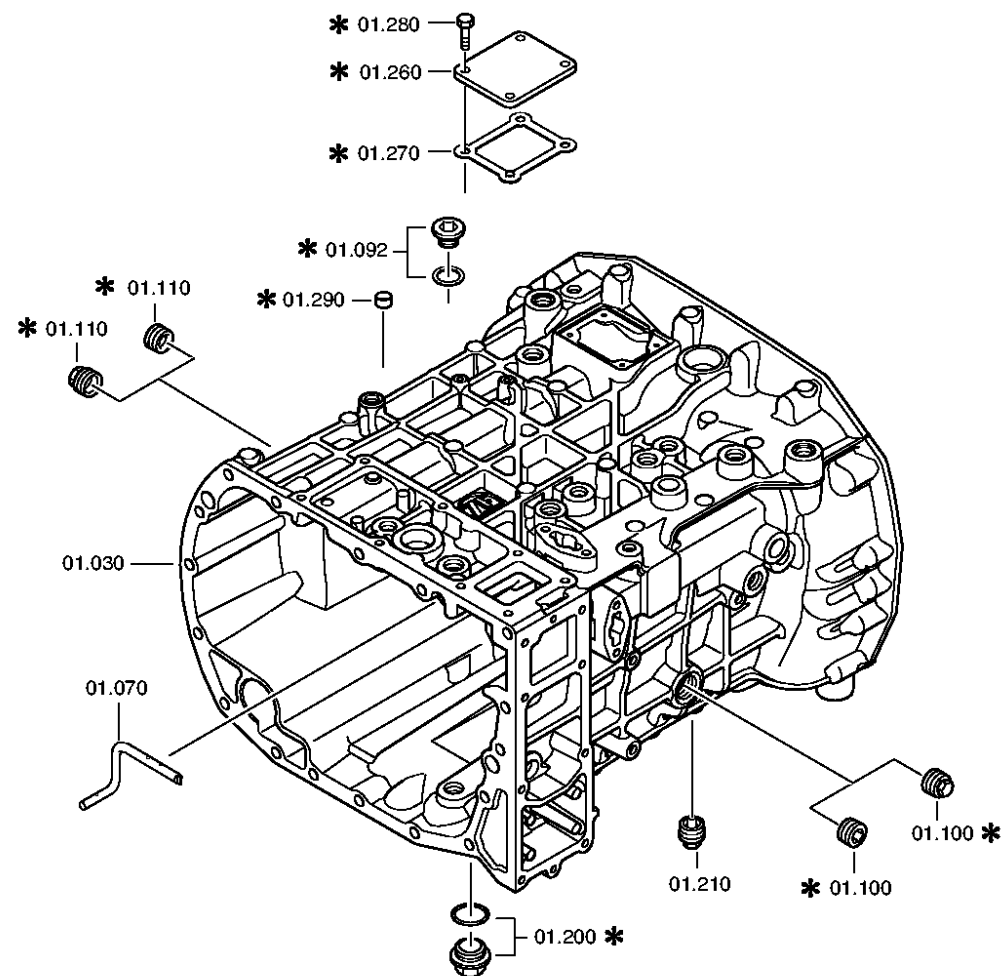
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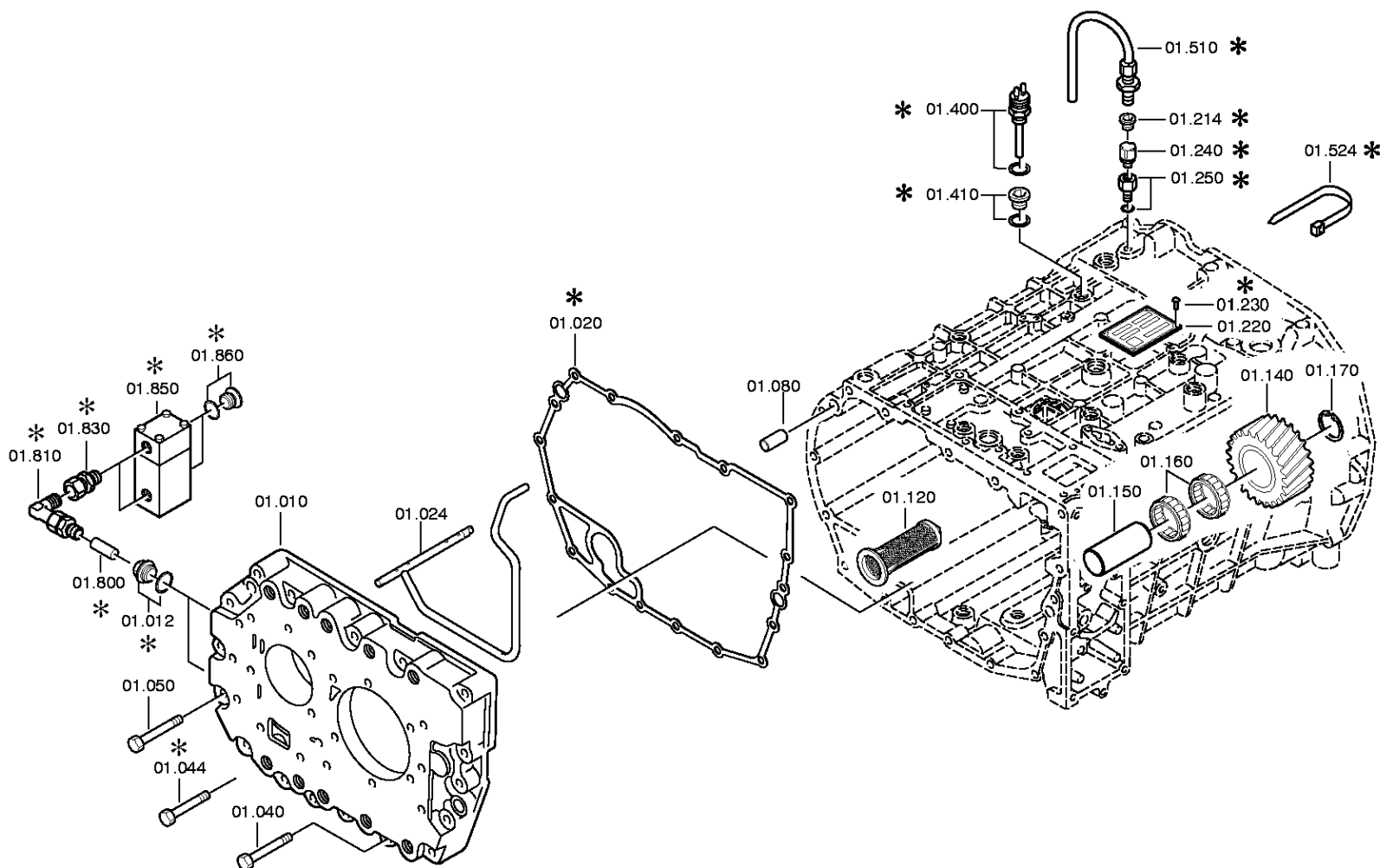


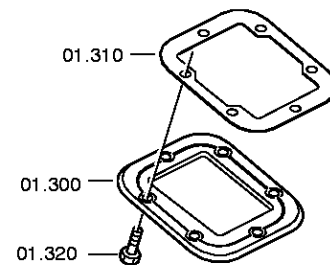
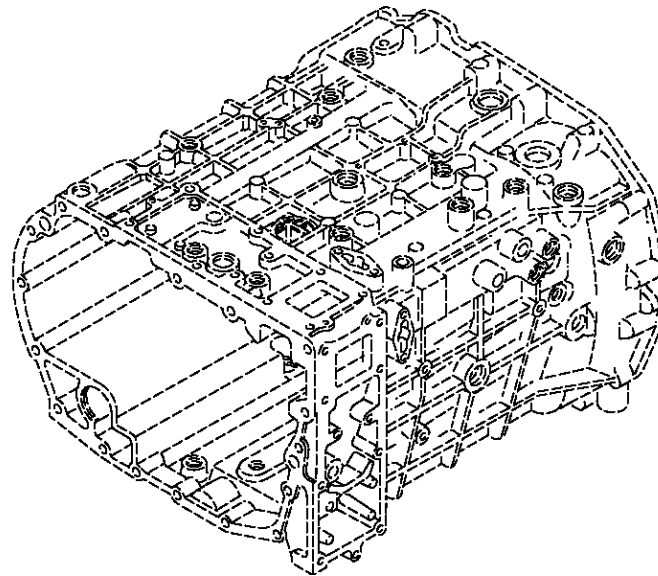
Graphics	Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	ID
062.45.05-1	70	1304.133.010	SYNCHRONIZER	1		00.00.0000		ECOMID *MOLYBDAEN	3
062.45.05-1	80	1304.133.404	SYNCHRONIZER	1		00.00.0000		MOLYB.	3
062.46.05-1	90	1304.134.033	GP SHIFT SYSTEM	1		00.00.0000		KOLBEN-D=100MM *ANSCHLAG GEDAEMPFT	3
062.46.05-1	554	1304.134.402	CONNECTING PARTS	1		00.00.0000		GP-OHNE	3
062.47.02-1	190	1304.135.005	SPEEDOMETER COVER	1		00.00.0000		E-TACHO*GEBER*BAJONETT	3
062.47.02-1	194	1304.135.803	SPEEDOMETER COVER	1		00.00.0000		E-TACHO	3
062.57.02-1	390	1304.145.005	RANGE SELECTION	1		00.00.0000		ECOMID*WA*WII	3

VKF Incidence factor

ID Identification (output code)







Parts list
Page 1 from 2

Material number: 1304.051.532 9 S 109 /
Plant: 062.01.05-1
Material-assembly-group-no: 1304.101.300



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
10	1304.301.413	HOUSING I	1	C0100576 7F10	00.00.0000	00.00.0000	9/16S109			5	0,000	
12	---	SCREW PLUG	2		00.00.0000		M16X1,5 * 45N.M* DICHTRING			3	0,000	
---	0636.304.048	SCREW PLUG	2		00.00.0000		M16X1,5			5	0,036	
---	0634.801.044	SEALING RING	2		00.00.0000		16X20			5	0,010	
20	0501.321.065	GASKET	1	C0100576 7F10	00.00.0000	00.00.0000				5	0,000	
24	1304.201.057	PIPE	1		00.00.0000		KPL. IN 1304 201 052(1)			3	0,000	
30	1304.201.093	HOUSING	1		00.00.0000		KPL.WA			3	0,000	
40	---	HEXAGON BOLT	3		00.00.0000		M10X70			3	0,000	
---	0736.010.180	HEXAGON BOLT	3		00.00.0000		M10X70 IN 0736 010 183(2)			5	0,000	
50	---	HEXAGON BOLT	14		00.00.0000		M10X70			3	0,000	
---	0736.010.180	HEXAGON BOLT	14		00.00.0000		M10X70 IN 0736 010 183(2)			5	0,000	
70	1304.301.269	PIPE	1		00.00.0000					5	0,000	
80	0631.306.229	CYLINDRICAL PIN	2		00.00.0000		16X36			5	0,000	
100	---	SCREW PLUG	1		00.00.0000		M24X1,5 * 60N.M* DICHTRING			3	0,000	
---	0636.304.049	SCREW PLUG	1		00.00.0000		M24X1,5			5	0,094	
---	0730.008.637	SEALING RING	1		00.00.0000		A24X29			5	0,000	
110	---	SCREW PLUG	1		00.00.0000		M24X1,5 * 60N.M* DICHTRING			3	0,000	
---	0636.304.049	SCREW PLUG	1		00.00.0000		M24X1,5			5	0,094	
---	0730.008.637	SEALING RING	1		00.00.0000		A24X29			5	0,000	
120	0501.318.802	SCREEN INSERT	1	C0100094 5C10	00.00.0000	00.00.0000				5	0,000	
140	1324.305.001	REVERSE IDLER GEAR	1	Z0000378 9910	05.10.2009	05.10.2009	9S1110/9S1310			5	0,000	
150	1304.305.030	PIN	1		00.00.0000					5	0,000	
160	0750.115.974	ROLLER CAGE	2		00.00.0000		WTB 40,0X60,0X26,0			3	0,000	
170	0630.502.022	RETAINING RING	1		00.00.0000		40X1,75			5	4,800	
200	---	SCREW PLUG	1		00.00.0000		M38X1,5 * 120N.M* DICHTRING			3	0,000	
---	0736.305.052	SCREW PLUG	1		00.00.0000		MAGNET IN 0736 305 053(3)			5	140	

VKF Incidence factor

OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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04.09.2009



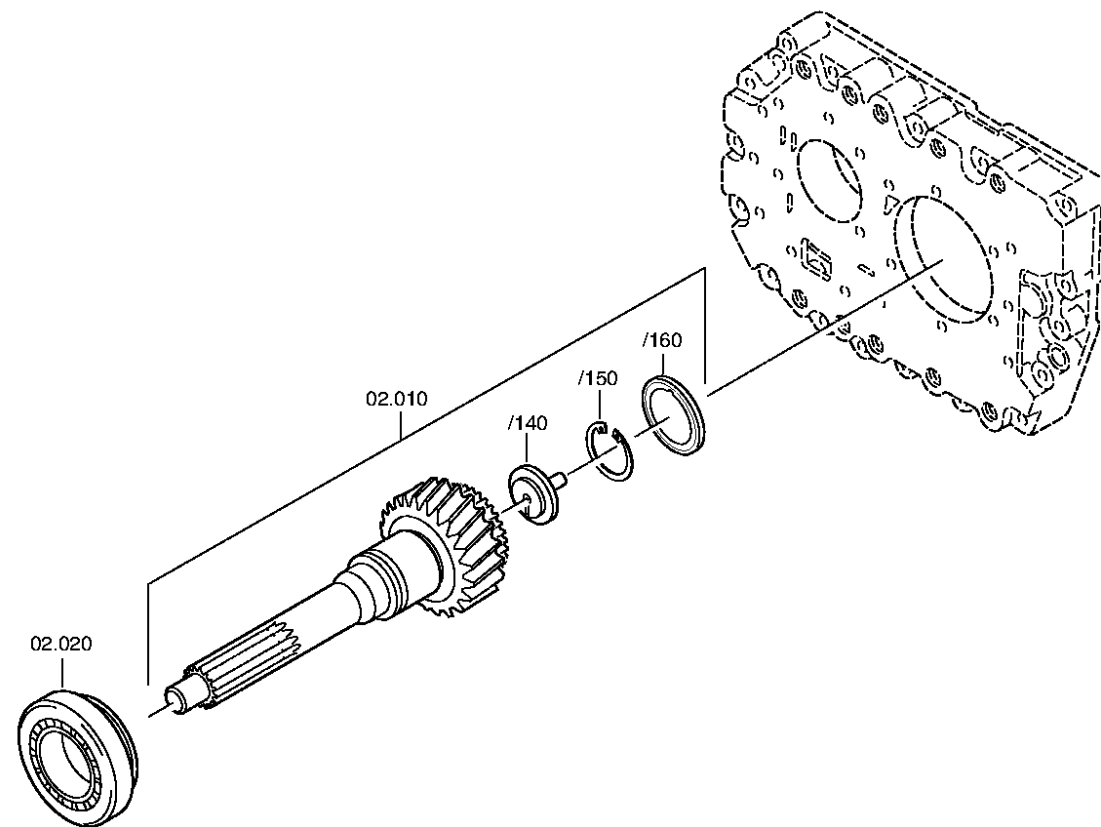
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---	0634.801.321	SEALING RING	1		00.00.0000		38X44			5	0,001	
210	---	SCREW PLUG	1	C0100155 2F10	00.00.0000	00.00.0000	M24X1,5 * 60N.M* DICHTRING			3	0,000	
---	0636.304.049	SCREW PLUG	1		00.00.0000		M24X1,5			5	0,094	
---	0730.008.637	SEALING RING	1		00.00.0000		A24X29			5	0,000	
220	---	TYPE PLATE	1		00.00.0000		WTB *BOUTHEON			3	0,000	
---	0730.365.241	TYPE PLATE	1	C0100105 6E10	00.00.0000	00.00.0000	EINHEITSSCH. VERDREHSICHER			5	0,000	
---	0730.365.246	TYPE PLATE	1	C0100469 9E10	00.00.0000	00.00.0000	EINHEITSSCH. VERDREHSICHER			5	0,000	
230	0731.101.049	BLIND RIVET	4	C0100417 6F10	00.00.0000	00.00.0000				5	0,000	
240	---	BREATHER	1		00.00.0000		M10X1KEG			3	0,000	
---	0501.202.797	BREATHER	1		00.00.0000		KPL.			3	30	
300	1304.301.318	COVER	1		00.00.0000					5	0,000	
310	1290.301.140	GASKET	1		00.00.0000		ENTHALT.IN 1290 301 071(1)			5	0,000	
320	---	HEXAGON BOLT	6		00.00.0000		M10X22 DIN933ALT/8.8 A3C			3	0,000	
---	0636.015.387	HEXAGON BOLT	6		00.00.0000		M10X22			5	0,000	
410	---	SCREW PLUG	1		00.00.0000		M18X1,5 * 35N.M* DICHTRING			3	0,000	
---	0636.302.021	SCREW PLUG	1		00.00.0000		M18X1,5			5	0,090	
---	0634.801.062	SEALING RING	1		00.00.0000		18X24			5	0,001	

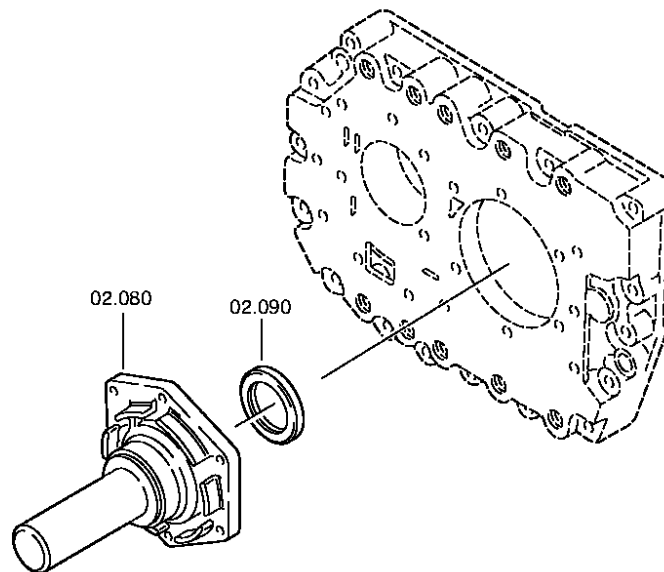
VKF Incidence factor

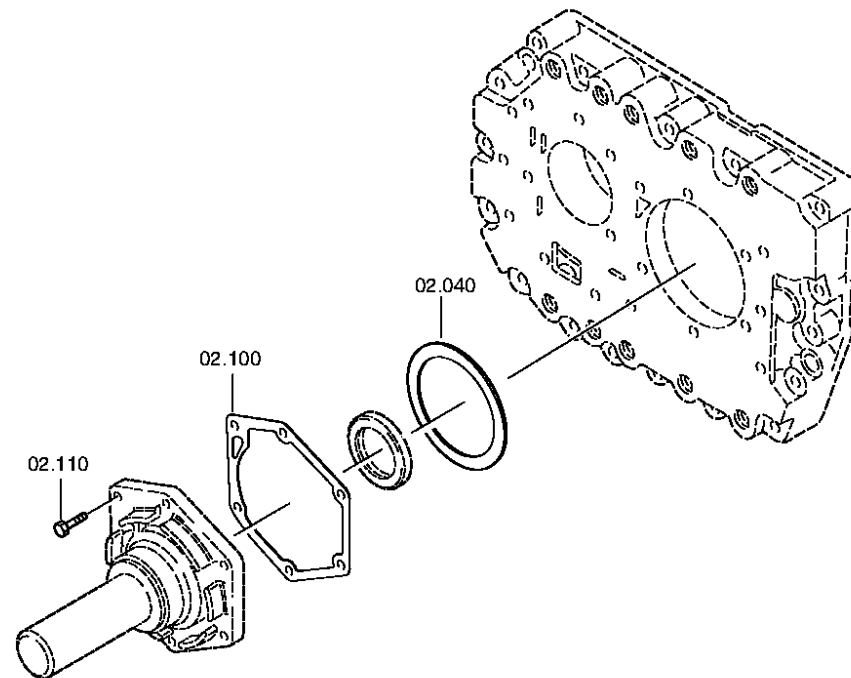
OTK Optional technical kit

ID Identification (output code)

SP Supplier plant







Parts list
Page 1 from 1

Material number: 1304.051.532 9 S 109 /
Plant: 062.02.01-1
Material-assembly-group-no: 1304.102.443



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
10	1304.202.252	INPUT SHAFT	1		00.00.0000		KPL.			3	0,000	
/140	1304.302.440	COVER	1		00.00.0000					5	0,000	
/150	0630.502.063	RETAINING RING	1		00.00.0000		58X2			5	10,400	
/160	0501.311.146	OIL DAM	1		00.00.0000					5	0,000	
20	0750.117.079	TAROLLBEARING	1		00.00.0000		WTB 66,6X117,4X30,1			3	0,000	
40	---	SHIM	1		00.00.0000		WTB 0730 004 335(2)-A= 1,60-2,60(ABSTUFUNG:0,05MM)			3	0,000	
---	0730.004.812	SHIM	1		00.00.0000		A=2,60 IN 0730 004 335(2)			5	0,000	
---	0730.004.811	SHIM	1		00.00.0000		A=2,55 IN 0730 004 335(2)			5	0,000	
---	0730.004.810	SHIM	1		00.00.0000		A=2,50 IN 0730 004 335(2)			5	0,000	
---	0730.004.809	SHIM	1		00.00.0000		A=2,45 IN 0730 004 335(2)			5	0,000	
---	0730.004.808	SHIM	1		00.00.0000		A=2,40 IN 0730 004 335(2)			5	0,000	
---	0730.004.807	SHIM	1		00.00.0000		A=2,35 IN 0730 004 335(2)			5	0,000	
---	0730.004.806	SHIM	1		00.00.0000		A=2,30 IN 0730 004 335(2)			5	0,000	
---	0730.004.805	SHIM	1		00.00.0000		A=2,25 IN 0730 004 335(2)			5	0,000	
---	0730.004.804	SHIM	1		00.00.0000		A=2,20 IN 0730 004 335(2)			5	0,000	
---	0730.004.803	SHIM	1		00.00.0000		A=2,15 IN 0730 004 335(2)			5	0,000	
---	0730.004.802	SHIM	1		00.00.0000		A=2,10 IN 0730 004 335(2)			5	0,000	
---	0730.004.801	SHIM	1		00.00.0000		A=2,05 IN 0730 004 335(2)			5	0,000	
---	0730.004.800	SHIM	1		00.00.0000		A=2,00 IN 0730 004 335(2)			5	0,000	
---	0730.005.646	SHIM	1		00.00.0000		A=1,95 IN 0730 004 335(2)			5	0,000	
---	0730.005.645	SHIM	1		00.00.0000		A=1,90 IN 0730 004 335(2)			5	0,000	
---	0730.005.644	SHIM	1		00.00.0000		A=1,85 IN 0730 004 335(2)			5	0,000	
---	0730.005.643	SHIM	1		00.00.0000		A=1,80 IN 0730 004 335(2)			5	0,000	
---	0730.005.642	SHIM	1		00.00.0000		A=1,75 IN 0730 004 335(2)			5	0,000	
---	0730.005.641	SHIM	1		00.00.0000		A=1,70 IN 0730 004 335(2)			5	0,000	
---	0730.005.640	SHIM	1		00.00.0000		A=1,65 IN 0730 004 335(2)			5	0,000	
---	0730.005.639	SHIM	1		00.00.0000		A=1,60 IN 0730 004 335(2)			5	0,000	
80	1304.302.319	CONNPLATE	1		00.00.0000		ENTHALT.IN 1304 302 315(0)			5	0,000	
90	0750.111.149	SHAFT SEAL	1		00.00.0000		WTB 48X65X10			3	0,000	
100	0501.322.828	GASKET	1	C0100574 9F10	00.00.0000	00.00.0000				5	0,000	
110	---	HEXAGON BOLT	6		00.00.0000		M8X30 ISO4017/8.8 A3C			3	0,000	
---	0636.015.321	HEXAGON BOLT	6		00.00.0000		M8X30			5	0,010	

VKF Incidence factor

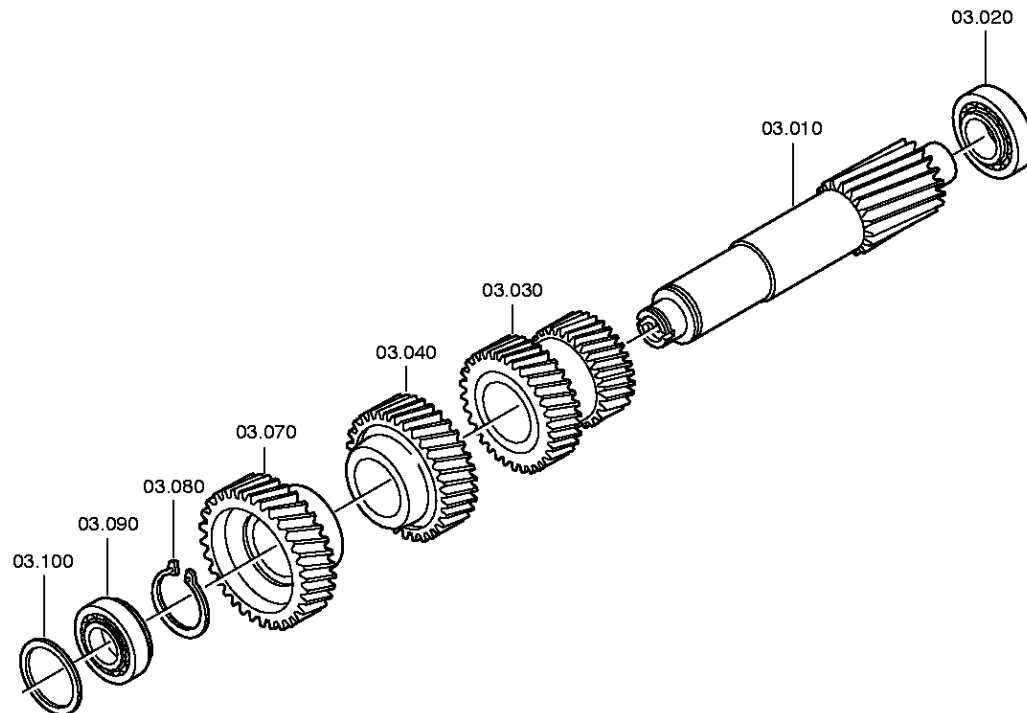
OTK Optional technical kit

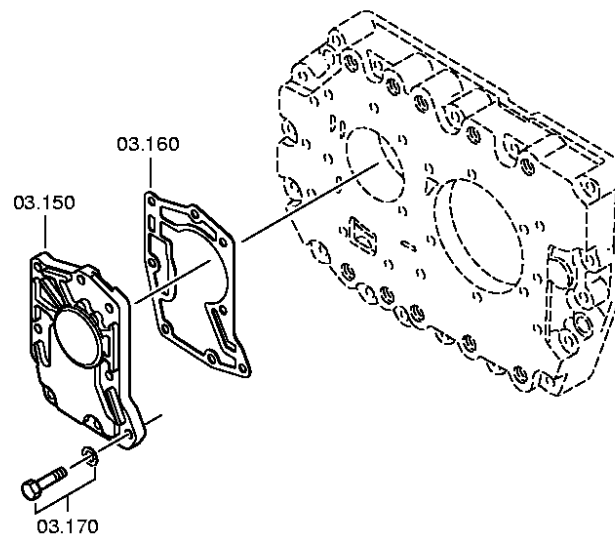
ID Identification (output code)

SP Supplier plant

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04.09.2009





Parts list
Page 1 from 2

Material number: 1304.051.532 9 S 109 /
Plant: 062.03.04-1
Material-assembly-group-no: 1304.103.804



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
10	1304.303.268	LAYSHAFT	1		00.00.0000		Z14 IN 1304 303 266(0)			5	0,000	
20	0750.117.083	TAROLLBEARING	1		00.00.0000		WTB 50,8X95,2X27,7			3	0,000	
30	1304.303.286	DOUBLE GEAR	1		00.00.0000		1+2G IN 1304 303 247(1)			5	0,000	
40	1304.303.287	HELICAL GEAR	1		00.00.0000		3G/Z28 IN 1304 303 248(1)			5	0,000	
70	1304.303.272	HELICAL GEAR	1		00.00.0000		ENTHALT.IN 1304 303 249(1)			5	0,000	
80	---	RETAINING RING	1		00.00.0000		WTB -A= 1,65- 2,50(ABSTUFUNG:0,05MM)			3	0,000	
---	0630.531.050	RETAINING RING	1		00.00.0000		40X2,5			5	0,010	
---	0630.501.287	RETAINING RING	1		00.00.0000		40X2,45			5	0,000	
---	0630.531.314	RETAINING RING	1		00.00.0000		40X2,4			5	0,000	
---	0630.531.315	RETAINING RING	1		00.00.0000		40X2,3			5	0,000	
---	0630.531.316	RETAINING RING	1		00.00.0000		40X2,2			5	0,000	
---	0630.501.135	RETAINING RING	1		00.00.0000		40X2,1			5	0,000	
---	0630.531.049	RETAINING RING	1		00.00.0000		40X2			5	6	
---	0630.501.301	RETAINING RING	1		00.00.0000		40X1,9			5	0,000	
---	0630.501.300	RETAINING RING	1		00.00.0000		40X1,8			5	0,000	
---	0630.501.031	RETAINING RING	1		00.00.0000		40X1,75			5	4	
---	0630.501.259	RETAINING RING	1		00.00.0000		40X1,65			5	0,000	
90	0735.371.749	TAROLLBEARING	1		00.00.0000		40,0X80,0X32,0 FA. TIMKEN			5	720	
100	---	SHIM	1		00.00.0000		A= 1,90- 3,60(ABSTUFUNG:0,05MM)			3	0,000	
---	0730.011.990	SHIM	1		00.00.0000		A=3,60			5	0,000	
---	0730.011.989	SHIM	1		00.00.0000		A=3,55			5	0,000	
---	0730.011.988	SHIM	1		00.00.0000		A=3,50			5	0,000	
---	0730.011.987	SHIM	1		00.00.0000		A=3,45			5	0,000	
---	0730.011.986	SHIM	1		00.00.0000		A=3,40			5	0,000	
---	0730.011.985	SHIM	1		00.00.0000		A=3,35			5	0,000	
---	0730.011.984	SHIM	1		00.00.0000		A=3,30			5	0,000	
---	0730.011.983	SHIM	1		00.00.0000		A=3,25			5	0,000	
---	0730.011.982	SHIM	1		00.00.0000		A=3,20			5	0,000	
---	0730.011.981	SHIM	1		00.00.0000		A=3,15			5	0,000	
---	0730.004.799	SHIM	1		00.00.0000		A=3,10 IN 0730 004 595(0)			5	0,000	
---	0730.004.798	SHIM	1		00.00.0000		A=3,05 IN 0730 004 595(0)			5	0,000	
---	0730.003.418	SHIM	1		00.00.0000		A=3,00 IN 0730 004 595(0)			5	0,000	

VKF Incidence factor

OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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04.09.2009

Parts list
Page 2 from 2

Material number: 1304.051.532 9 S 109 /
Plant: 062.03.04-1
Material-assembly-group-no: 1304.103.804



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
---	0730.004.797	SHIM	1		00.00.0000		A=2,95 IN 0730 004 595(0)			5	0,000	
---	0730.004.796	SHIM	1		00.00.0000		A=2,90 IN 0730 004 595(0)			5	0,000	
---	0730.004.795	SHIM	1		00.00.0000		A=2,85 IN 0730 004 595(0)			5	0,000	
---	0730.004.794	SHIM	1		00.00.0000		A=2,80 IN 0730 004 595(0)			5	0,000	
---	0730.004.793	SHIM	1		00.00.0000		A=2,75 IN 0730 004 595(0)			5	0,000	
---	0730.004.792	SHIM	1		00.00.0000		A=2,70 IN 0730 004 595(0)			5	0,000	
---	0730.004.791	SHIM	1		00.00.0000		A=2,65 IN 0730 004 595(0)			5	0,000	
---	0730.004.790	SHIM	1		00.00.0000		A=2,60 IN 0730 004 595(0)			5	0,000	
---	0730.004.789	SHIM	1		00.00.0000		A=2,55 IN 0730 004 595(0)			5	0,000	
---	0730.004.788	SHIM	1		00.00.0000					5	0,020	
---	0730.004.787	SHIM	1		00.00.0000					5	0,020	
---	0730.001.795	SHIM	1		00.00.0000					5	25	
---	0730.003.417	SHIM	1		00.00.0000					5	0,010	
---	0730.001.796	SHIM	1		00.00.0000					5	19	
---	0730.003.416	SHIM	1		00.00.0000					5	0,010	
---	0730.001.797	SHIM	1		00.00.0000					5	18	
---	0730.003.415	SHIM	1		00.00.0000					5	0,010	
---	0730.001.798	SHIM	1		00.00.0000					5	17	
---	0730.003.414	SHIM	1		00.00.0000					5	0,010	
---	0730.001.799	SHIM	1		00.00.0000					5	15	
---	0730.004.786	SHIM	1		00.00.0000					5	0,010	
---	0730.004.785	SHIM	1		00.00.0000					5	0,010	
150	0501.004.549	PUMP	1		00.00.0000					5	0,000	
160	0501.322.829	GASKET	1	C0100575 0F10	00.00.0000	00.00.0000				5	0,000	
170	---	HEXAGON BOLT	8		00.00.0000		M8X30 ISO4017/8.8 A3C			3	0,000	
---	0636.015.321	HEXAGON BOLT	8		00.00.0000		M8X30			5	0,010	
---	0630.302.090	SPRING WASHER	8		00.00.0000					5	0,006	

VKF Incidence factor

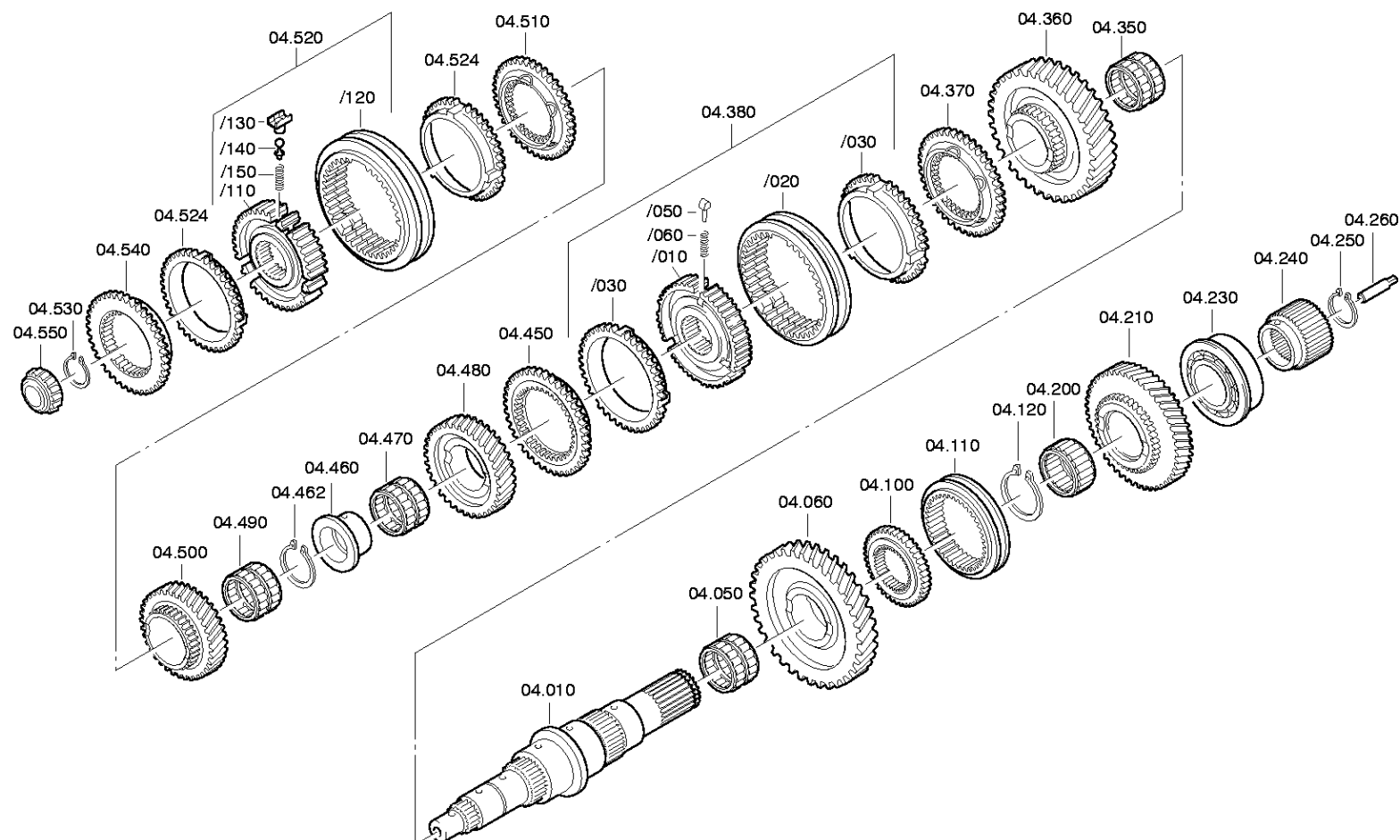
OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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9 S 109

Parts list
Page 1 from 3

Material number: 1304.051.532 9 S 109 /
Plant: 062.04.04-1
Material-assembly-group-no: 1304.104.137



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
10	1304.304.449	MAIN SHAFT	1		00.00.0000		ENTHALT.IN 1304 304 455(0)			5	0,000	
50	0750.115.972	NEEDLE CAGE	1		00.00.0000		WTB 75,0X83,0X35,0 *R.G			3	0,000	
60	1304.304.543	HELICAL GEAR	1		00.00.0000		ENTHALT.IN 1304 304 425(0)			5	0,000	
100	1324.304.037	SLEEVE CARRIER	1		00.00.0000					5	0,000	
110	1304.304.444	SLIDING SLEEVE	1		00.00.0000		9S-109 KLAUE D=96			5	0,000	
120	---	RETAINING RING	1		00.00.0000		WTB -A= 2,40- 2,80(ABSTUFUNG:0,10MM)			3	0,000	
---	0630.501.195	RETAINING RING	1		00.00.0000		60X2,8			5	0,000	
---	0630.501.194	RETAINING RING	1		00.00.0000		60X2,7			5	0,000	
---	0630.501.197	RETAINING RING	1		00.00.0000		60X2,6			5	0,000	
---	0630.531.141	RETAINING RING	1		00.00.0000		60X2,5			5	0,000	
---	0630.501.067	RETAINING RING	1		00.00.0000		60X2,4			5	0,000	
200	0750.115.973	NEEDLE CAGE	1		00.00.0000		WTB 60,0X68,0X39,0			3	0,000	
210	1324.304.021	HELICAL GEAR	1	Z0000378 9910	05.10.2009	05.10.2009	RG 9S1110/9S1310			5	0,000	
230	0735.371.605	TAROLLBEARING	1		00.00.0000		50,8X104,7X30,1 FA.NTN			5	0,000	
240	1304.304.448	SUN GEAR	1		00.00.0000		Z34 IN 1304 304 088(1)			5	0,000	
250	---	RETAINING RING	1		00.00.0000		WTB -A= 2,10- 3,20(ABSTUFUNG:0,05MM)			3	0,000	
---	0630.501.151	RETAINING RING	1		00.00.0000		50X3,2			5	0,000	
---	0630.501.298	RETAINING RING	1		00.00.0000		50X3,15			5	0,000	
---	0630.501.150	RETAINING RING	1		00.00.0000		50X3,1			5	0,000	
---	0630.501.299	RETAINING RING	1		00.00.0000		50X3,05			5	0,000	
---	0630.531.065	RETAINING RING	1		00.00.0000		50X3			5	16	
---	0630.501.111	RETAINING RING	1		00.00.0000		50X2,95			5	0,000	
---	0630.501.112	RETAINING RING	1		00.00.0000		50X2,9			5	0,000	
---	0630.501.113	RETAINING RING	1		00.00.0000		50X2,85			5	0,000	
---	0630.501.114	RETAINING RING	1		00.00.0000		50X2,8			5	0,000	
---	0630.501.115	RETAINING RING	1		00.00.0000		50X2,75			5	0,000	
---	0630.501.116	RETAINING RING	1		00.00.0000		50X2,7			5	0,000	
---	0630.501.117	RETAINING RING	1		00.00.0000		50X2,65			5	0,000	
---	0630.501.118	RETAINING RING	1		00.00.0000		50X2,6			5	0,000	
---	0630.501.160	RETAINING RING	1		00.00.0000		50X2,55			5	0,000	
---	0630.531.064	RETAINING RING	1		00.00.0000		50X2,5			5	0,100	

VKF Incidence factor

OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
---	0630.501.159	RETAINING RING	1		00.00.0000		50X2,45			5	0,000	
---	0630.501.148	RETAINING RING	1		00.00.0000		50X2,4			5	0,000	
---	0630.501.294	RETAINING RING	1		00.00.0000		50X2,35			5	0,000	
---	0630.501.147	RETAINING RING	1		00.00.0000		50X2,3			5	0,000	
---	0630.501.295	RETAINING RING	1		00.00.0000		50X2,25			5	0,000	
---	0630.501.146	RETAINING RING	1		00.00.0000		50X2,2			5	0,000	
---	0630.501.296	RETAINING RING	1		00.00.0000		50X2,15			5	0,000	
---	0630.501.145	RETAINING RING	1		00.00.0000		50X2,1			5	0,000	
260	1324.304.014	PIPE	1	C0100408 8E10	00.00.0000	00.00.0000	E21			5	0,000	
350	0750.115.971	NEEDLE CAGE	2		00.00.0000		WTB 75,0X83,0X23,0 *1.G			3	0,000	
360	1304.304.569	HELICAL GEAR	1		00.00.0000		1G/Z33 IN 1304 304 509(1)			5	0,000	
370	1304.304.408	CLUTCH BODY	1		00.00.0000					5	0,000	
380	1304.204.051	SYNCHRONIZER	1		00.00.0000		KPL.1+2G			3	0,000	
/10	1304.304.591	SYNCHROBODY	1		00.00.0000		ENTHALT.IN 1304 304 592(1)			5	0,000	
/20	1304.304.597	SLIDING SLEEVE	1		00.00.0000		ENTHALT.IN 1304 304 596(1)			5	0,000	
/30	1304.304.681	SYNCHRO RING	2	C0100396 9B10	00.00.0000	00.00.0000				5	0,000	
/50	1297.304.436	PRESSURE PIECE	3		00.00.0000					5	0,004	
/60	0732.040.409	COMPRSPRING	3	C0100731 7F10	00.00.0000	00.00.0000				5	0,002	
450	1304.304.408	CLUTCH BODY	1		00.00.0000					5	0,000	
460	1304.304.050	BUSH	1		00.00.0000		9S-90			5	0,000	
462	---	RETAINING RING	1		00.00.0000		WTB -A= 1,90- 2,40(ABSTUFUNG:0,10MM)			3	0,000	
---	0630.501.067	RETAINING RING	1		00.00.0000		60X2,4			5	0,000	
---	0630.501.068	RETAINING RING	1		00.00.0000		60X2,3			5	0,000	
---	0630.501.069	RETAINING RING	1		00.00.0000		60X2,2			5	0,000	
---	0630.501.070	RETAINING RING	1		00.00.0000		60X2,1			5	0,000	
---	0630.501.041	RETAINING RING	1		00.00.0000		60X2			5	0,010	
---	0630.501.278	RETAINING RING	1		00.00.0000		60X1,9			5	0,000	
470	0750.115.970	NEEDLE CAGE	1		00.00.0000		WTB 75,0X83,0X40,0			3	0,000	
480	1304.304.570	HELICAL GEAR	1		00.00.0000		2G/Z30 IN 1304 304 510(1)			5	0,000	
490	0735.321.011	NEEDLE CAGE	2		00.00.0000		60,0X68,0X23,0 FA.SKF			5	0,000	

VKF Incidence factor

OTK Optional technical kit

ID Identification (output code)

SP Supplier plant



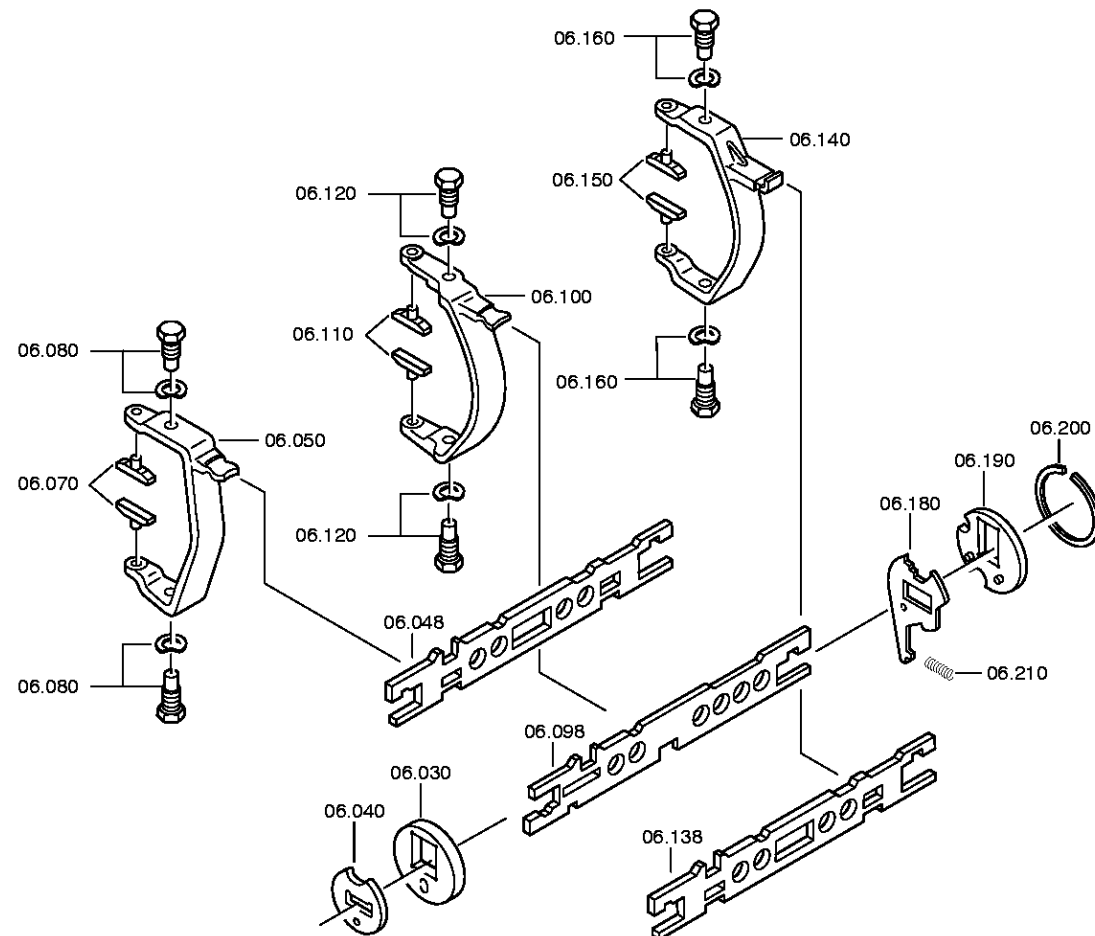
Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
500	1304.304.571	HELICAL GEAR	1		00.00.0000		3G/Z27 IN 1304 304 511(1)			5	0,000	
510	1304.304.660	CLUTCH BODY	1		00.00.0000		ENTHALT.IN 1304 304 059(1)			5	0,000	
520	1304.204.052	SYNCHRONIZER	1		00.00.0000		KPL.3+4G			3	0,000	
/110	1304.304.051	SYNCHRONIZER BODY	1		00.00.0000		ZF-B114V 9S-90			5	0,000	
/120	6002.305.515	SLIDING SLEEVE	1	C0100731 7F10	00.00.0000	00.00.0000	ENTHALT.IN 1304 304 193(1)			5	0,000	
/130	1238.304.394	PRESSURE PIECE	3		00.00.0000					5	0,000	
/140	1249.304.222	BALL PIN	3		00.00.0000					5	0,000	
/150	0732.040.409	COMPRSPRING	3		00.00.0000					5	0,002	
524	1304.304.683	SYNCHRONIZER	2		00.00.0000					5	0,000	
530	---	RETAINING RING	1		00.00.0000		WTB -A= 1,90- 2,20(ABSTUFUNG:0,10MM)			3	0,000	
---	0630.501.146	RETAINING RING	1		00.00.0000		50X2,2			5	0,000	
---	0630.501.145	RETAINING RING	1		00.00.0000		50X2,1			5	0,000	
---	0630.501.035	RETAINING RING	1		00.00.0000		50X2			5	9	
---	0630.501.149	RETAINING RING	1		00.00.0000		50X1,9			5	0,000	
540	1304.304.660	CLUTCH BODY	1		00.00.0000		ENTHALT.IN 1304 304 059(1)			5	0,000	
550	0735.371.748	TAROLLBEARING	1		00.00.0000		32,0X29,5 FA.TIMKEN			5	0,000	

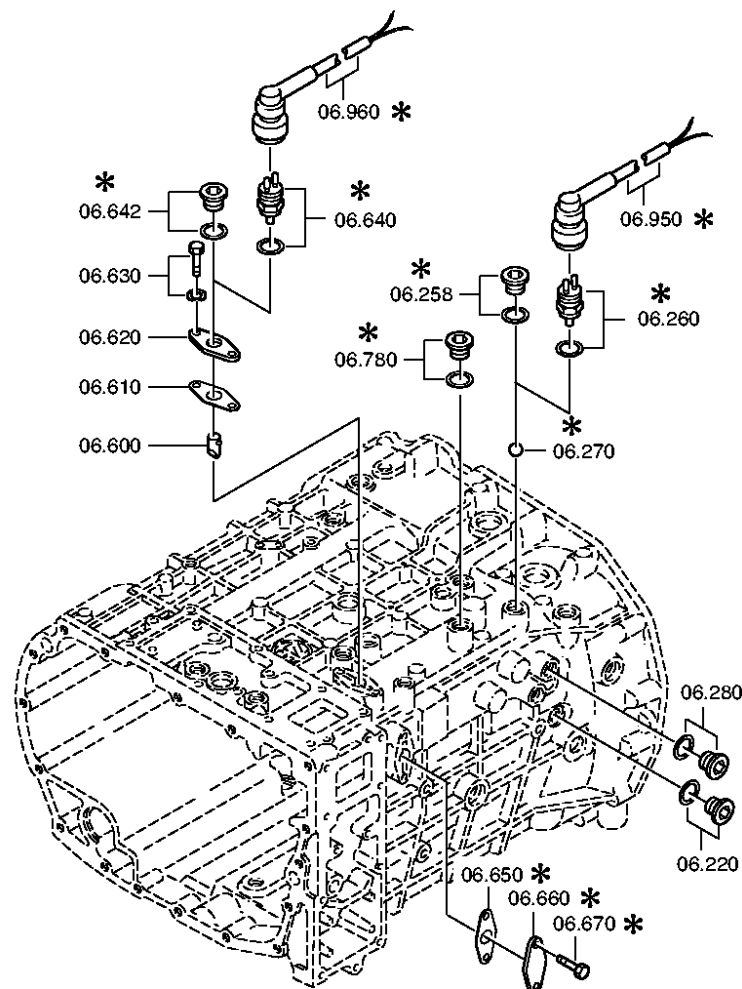
VKF Incidence factor

OTK Optional technical kit

ID Identification (output code)

SP Supplier plant





Parts list
Page 1 from 2

Material number: 1304.051.532 9 S 109 /
Plant: 062.06.18-1
Material-assembly-group-no: 1304.106.124



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
30	1304.306.089	BEARING PLATE	1		00.00.0000					5	0,000	
40	1304.306.022	LOCKING PIECE	1		00.00.0000					5	0,000	
48	1304.306.078	GEAR SHIFT RAIL	1		00.00.0000					5	0,000	
50	1304.306.010	GEAR SHIFT FORK	1		00.00.0000		3+4G			5	0,000	
70	1290.306.066	SLIDING PAD	2		00.00.0000					5	0,037	
80	---	ARTICULATION BOLT	2		00.00.0000		M18X1,5 SK6			3	0,000	
---	1304.306.108	ARTICULATION BOLT	2		00.00.0000		M18X1,5 IN 1290 306 206(1)			5	0,000	
---	0730.300.093	SPRING WASHER	2		00.00.0000					5	0,000	
98	1304.306.051	GEAR SHIFT RAIL	1		00.00.0000					5	0,000	
100	1304.306.009	GEAR SHIFT FORK	1		00.00.0000		1+2G			5	0,000	
110	1290.306.066	SLIDING PAD	2		00.00.0000					5	0,037	
120	---	ARTICULATION BOLT	2		00.00.0000		M18X1,5 SK6			3	0,000	
---	1304.306.108	ARTICULATION BOLT	2		00.00.0000		M18X1,5 IN 1290 306 206(1)			5	0,000	
---	0730.300.093	SPRING WASHER	2		00.00.0000					5	0,000	
138	1304.306.078	GEAR SHIFT RAIL	1		00.00.0000					5	0,000	
140	1304.306.077	GEAR SHIFT FORK	1		00.00.0000		R+CG			5	0,000	
150	1290.306.066	SLIDING PAD	2		00.00.0000					5	0,037	
160	---	ARTICULATION BOLT	2		00.00.0000		M18X1,5 SK6			3	0,000	
---	1304.306.108	ARTICULATION BOLT	2		00.00.0000		M18X1,5 IN 1290 306 206(1)			5	0,000	
---	0730.300.093	SPRING WASHER	2		00.00.0000					5	0,000	
180	1304.306.140	LOCKING LEVER	1		00.00.0000		9/16S-109			5	0,000	
190	1304.306.090	BEARING PLATE	1		00.00.0000		9/16 S 90 HINTEN WAAGRECHT			5	0,000	
200	0730.300.430	SNAP RING	1		00.00.0000					5	0,000	
210	0732.041.374	COMPRSPRING	1		00.00.0000					5	0,000	
220	---	SCREW PLUG	1		00.00.0000		M14X1,5 * 35N.M* DICHTRING			3	0,000	

VKF Incidence factor

OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Parts list
Page 2 from 2

Material number: 1304.051.532 9 S 109 /
Plant: 062.06.18-1
Material-assembly-group-no: 1304.106.124



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
---	0636.302.068	SCREW PLUG	1	C0100009 1C10	00.00.0000	00.00.0000	M14X1,5			5	15	
---	0730.008.057	SEALING RING	1	C0100009 1C10	00.00.0000	00.00.0000	A=1,50 IN 0730 008 054(2)			5	0,000	
260	---	SWITCH	1		00.00.0000		SCHL*45N.M*DICHTRING *BAJONETT			3	0,000	
---	0501.210.058	SWITCH	1		00.00.0000		KPL.			5	0,000	
---	0634.801.062	SEALING RING	1		00.00.0000		18X24			5	0,001	
270	0635.460.024	BALL	1		00.00.0000		13			5	0,000	
600	1304.207.002	PIN	1		00.00.0000		KPL.			3	0,000	
610	1268.307.170	GASKET	1		00.00.0000		ENTHALT.IN 1290 306 272(2)			5	0,000	
620	1304.307.083	PLATE	1		00.00.0000		ENTHALT.IN 1304 307 082(2)			5	0,000	
630	---	HEXAGON BOLT	2		00.00.0000		M8X28 ISO4017/8.8 A3C			3	0,000	
---	0636.015.411	HEXAGON BOLT	2		00.00.0000		M8X28			5	0,000	
---	0630.302.090	SPRING WASHER	2		00.00.0000					5	0,006	
640	---	SWITCH	1	C0100653 0E10	00.00.0000	00.00.0000	OEFF*45N.M*DICHTRING *BAJONETT			3	0,000	
---	0501.216.474	SWITCH	1		00.00.0000		KPL.			5	0,050	
---	0634.801.062	SEALING RING	1		00.00.0000		18X24			5	0,001	

VKF Incidence factor

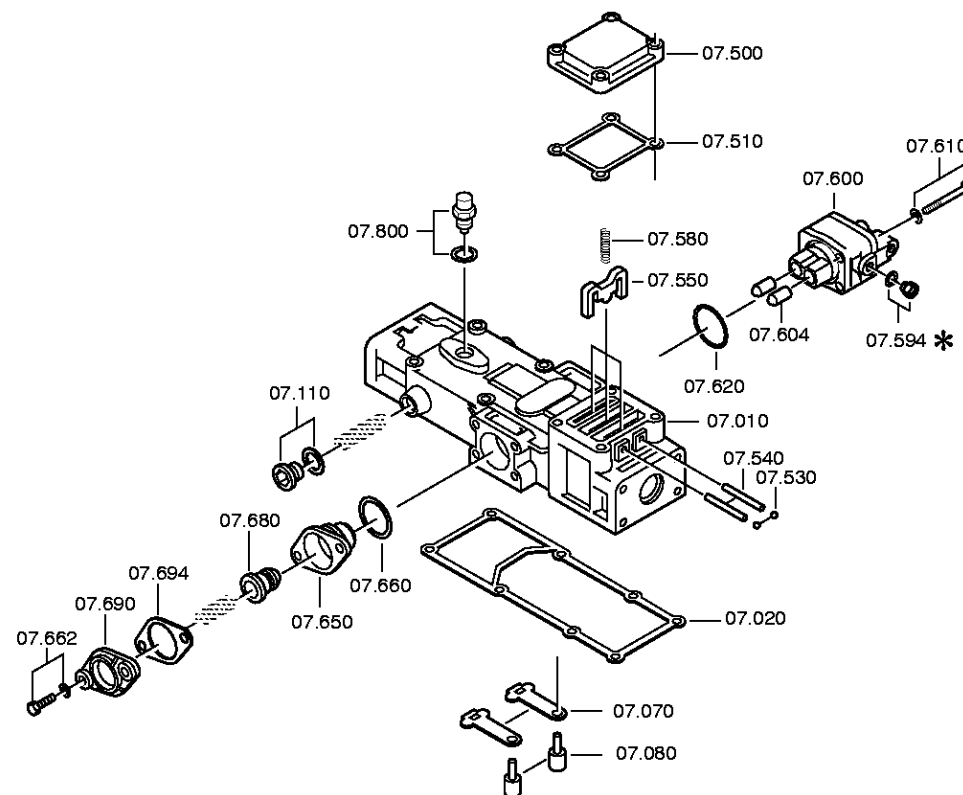
OTK Optional technical kit

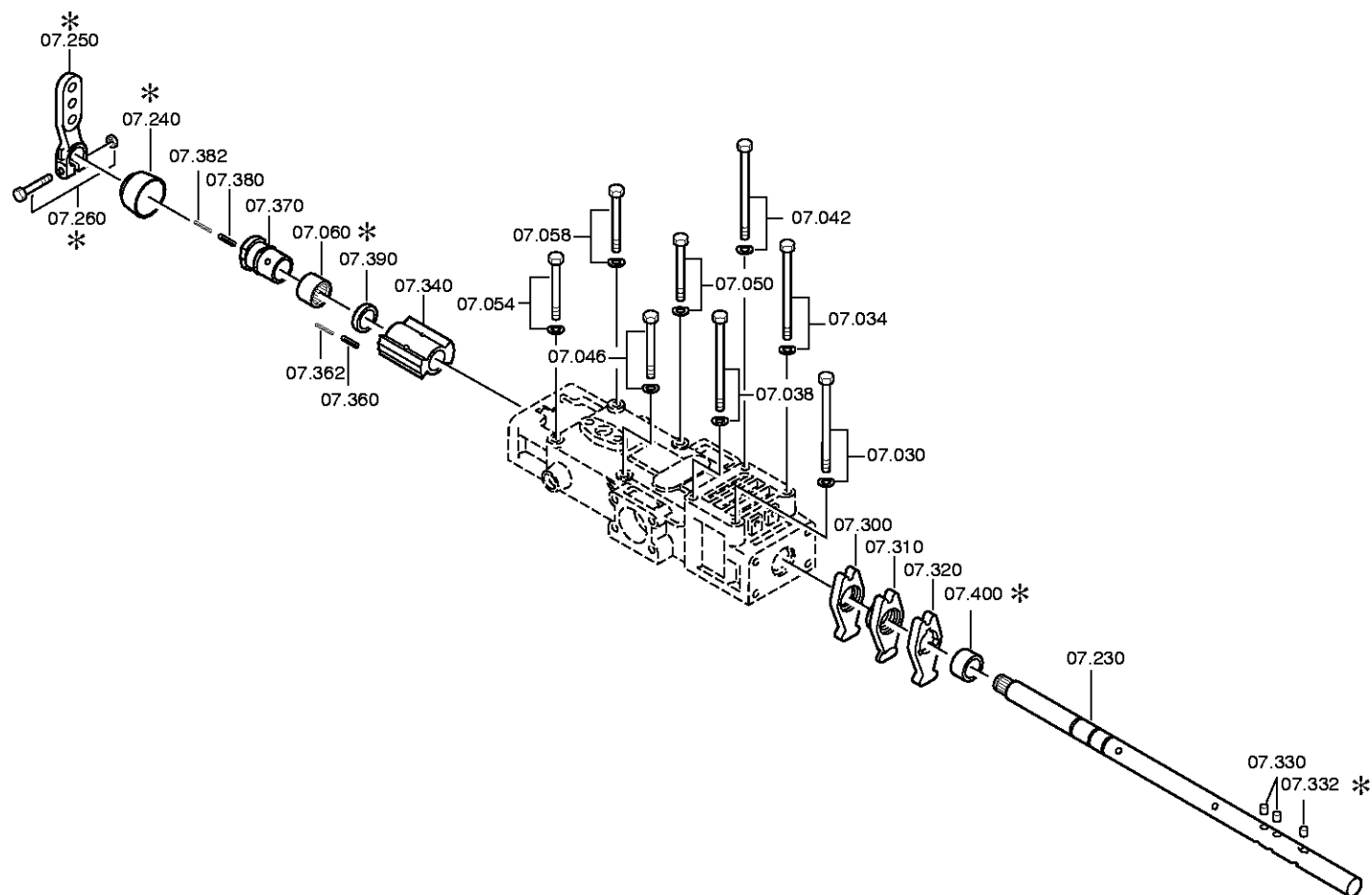
ID Identification (output code)

SP Supplier plant

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Parts list
Page 1 from 3

Material number: 1304.051.532 9 S 109 /
Plant: 062.07.08-1
Material-assembly-group-no: 1304.107.615



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
10	1304.307.385	GEAR SHIFT HOUSING	1		00.00.0000		ENTHALT.IN 1304 307 417(0)			5	0,000	
20	0501.324.626	GASKET	1	C0100499 1F10	00.00.0000	00.00.0000				5	0,000	
30	---	HEXAGON BOLT	1		00.00.0000		M8X125 ISO4014/8.8 A3C			3	0,000	
---	0636.010.620	HEXAGON BOLT	1		00.00.0000		M8X125			5	0,000	
---	0630.302.090	SPRING WASHER	1		00.00.0000					5	0,006	
34	---	HEXAGON BOLT	1		00.00.0000		M8X125 ISO4014/8.8 A3C			3	0,000	
---	0636.010.620	HEXAGON BOLT	1		00.00.0000		M8X125			5	0,000	
---	0630.302.090	SPRING WASHER	1		00.00.0000					5	0,006	
38	---	HEXAGON BOLT	1		00.00.0000		M8X105 ISO4014/8.8 A3C			3	0,000	
---	0636.010.634	HEXAGON BOLT	1		00.00.0000		M8X105			5	0,000	
---	0630.302.090	SPRING WASHER	1		00.00.0000					5	0,006	
42	---	HEXAGON BOLT	1		00.00.0000		M8X125 ISO4014/8.8 A3C			3	0,000	
---	0636.010.620	HEXAGON BOLT	1		00.00.0000		M8X125			5	0,000	
---	0630.302.090	SPRING WASHER	1		00.00.0000					5	0,006	
46	---	HEXAGON BOLT	1		00.00.0000		M8X75 ISO4014/8.8 A3C			3	0,000	
---	0636.010.540	HEXAGON BOLT	1		00.00.0000		M8X75			5	0,030	
---	0630.302.090	SPRING WASHER	1		00.00.0000					5	0,006	
50	---	HEXAGON BOLT	1		00.00.0000		M8X75 ISO4014/8.8 A3C			3	0,000	
---	0636.010.540	HEXAGON BOLT	1		00.00.0000		M8X75			5	0,030	
---	0630.302.090	SPRING WASHER	1		00.00.0000					5	0,006	
54	---	HEXAGON BOLT	1		00.00.0000		M8X75 ISO4014/8.8 A3C			3	0,000	
---	0636.010.540	HEXAGON BOLT	1		00.00.0000		M8X75			5	0,030	
---	0630.302.090	SPRING WASHER	1		00.00.0000					5	0,006	
58	---	HEXAGON BOLT	1		00.00.0000		M8X75 ISO4014/8.8 A3C			3	0,000	
---	0636.010.540	HEXAGON BOLT	1		00.00.0000		M8X75			5	0,030	
---	0630.302.090	SPRING WASHER	1		00.00.0000					5	0,006	
60	0635.303.053	NEEDLE SLEEVE	1		00.00.0000		25X32X20			5	120	
70	1304.307.019	DETENT LEVER	2		00.00.0000					5	0,000	
80	1304.307.336	PIN	4		00.00.0000		ENTHALT.IN 1304 307 334(3)			5	0,000	
110	---	SCREW PLUG	2		00.00.0000		M18X1,5 * 35N.M* DICHTRING			3	0,000	
---	0636.302.021	SCREW PLUG	2		00.00.0000		M18X1,5			5	0,090	

VKF Incidence factor

OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Parts list
Page 2 from 3

Material number: 1304.051.532 9 S 109 /
Plant: 062.07.08-1
Material-assembly-group-no: 1304.107.615



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
---	0634.801.062	SEALING RING	2		00.00.0000		18X24			5	0,001	
230	1304.307.267	GEAR SHIFT SHAFT	1		00.00.0000		ENTHALT.IN 1304 307 408(1)			5	0,000	
240	1238.307.411	PROTECTING CAP	1		00.00.0000					5	0,000	
300	1304.307.258	DRIVER	1		00.00.0000					5	0,000	
310	1304.307.259	DRIVER	1		00.00.0000					5	0,000	
320	1304.307.260	DRIVER	1		00.00.0000					5	0,000	
330	0735.470.126	ROLLER	6		00.00.0000		8,0X8,0 FA.INA			5	0,000	
340	1304.307.442	DETENT PART	1	C0100284 8A10	00.00.0000	00.00.0000	ENTHALT.IN 1304 307 441(1)			5	0,000	
360	0631.329.071	SLOTPIN	1		00.00.0000		6X36			5	4,300	
362	0631.329.029	SLOTPIN	1		00.00.0000		3,5X36			5	0,000	
370	1304.307.255	DETENT BUSH	1		00.00.0000		ENTHALT.IN 1308 307 009(2)			5	0,000	
380	0631.329.069	SLOTPIN	1		00.00.0000		6X30			5	4	
382	0631.329.027	SLOTPIN	1		00.00.0000		3,5X28			5	0,000	
500	---	DETENT COVER	1		00.00.0000		WTB			3	0,000	
---	1304.307.257	DETENT COVER	1		00.00.0000		ENTHALT.IN 1304 307 320(1)			5	0,000	
---	1304.307.321	DETENT COVER	1		00.00.0000		ENTHALT.IN 1304 307 320(1)			5	0,000	
510	1304.307.437	GASKET	1		00.00.0000					5	0,000	
530	0635.460.034	BALL	2		00.00.0000		6,35			5	0,000	
540	0631.306.849	CYLINDRICAL PIN	2		00.00.0000		6X60			5	0,000	
550	1304.307.339	GSHIFT DETENT	3		00.00.0000					5	0,000	
580	0732.042.471	COMPRSPRING	3		00.00.0000					5	0,000	
600	6038.202.045	CUT-OFF VALVE	1	C0100647 2C10	00.00.0000	00.00.0000	KPL.H-H*ABLUFTRDROSSEL 2,50			3	0,000	
604	0501.209.188	BALL ROLLER	2		00.00.0000		KPL.			5	0,000	
610	---	HEXAGON BOLT	4		00.00.0000		M8X65 ISO4014/8.8 A3C			3	0,000	
---	0636.010.575	HEXAGON BOLT	4		00.00.0000		M8X65			5	0,000	
---	0630.001.075	WASHER	4		00.00.0000					5	0,002	
620	0634.313.505	O-RING	1		00.00.0000		42X3			5	0,000	
650	---	INSERT	1		00.00.0000		WTB			3	0,000	
---	1304.307.194	INSERT	1		00.00.0000					5	0,000	
660	0634.314.021	O-RING	1		00.00.0000		36,2X3			5	0,000	
662	---	HEXAGON BOLT	2		00.00.0000		M8X30 ISO4017/8.8 A3C			3	0,000	
---	0636.015.321	HEXAGON BOLT	2		00.00.0000		M8X30			5	0,010	

VKF Incidence factor

OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Parts list
Page 3 from 3

Material number: 1304.051.532 9 S 109 /
Plant: 062.07.08-1
Material-assembly-group-no: 1304.107.615



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
---	0630.302.090	SPRING WASHER	2		00.00.0000					5	0,006	
680	0750.115.335	BALL ROLLER	1		00.00.0000		WTB			3	0,000	
690	1304.307.331	COVER	1		00.00.0000		ENTHALT.IN 1304 307 329(2)			5	0,000	
694	1304.307.277	GASKET	1		00.00.0000		ENTHALT.IN 1304 307 276(3)			5	0,000	
800	---	DETENT PLUNGER	1		00.00.0000		60N*50N.M*60GRAD			3	0,000	
---	1304.207.016	DETENT PLUNGER	1		00.00.0000		KPL. IN 1304 207 015(1)			3	0,000	
---	0730.008.604	SEALING RING	1	C0100630 5E10	00.00.0000	00.00.0000	A16X22			5	0,000	

VKF Incidence factor

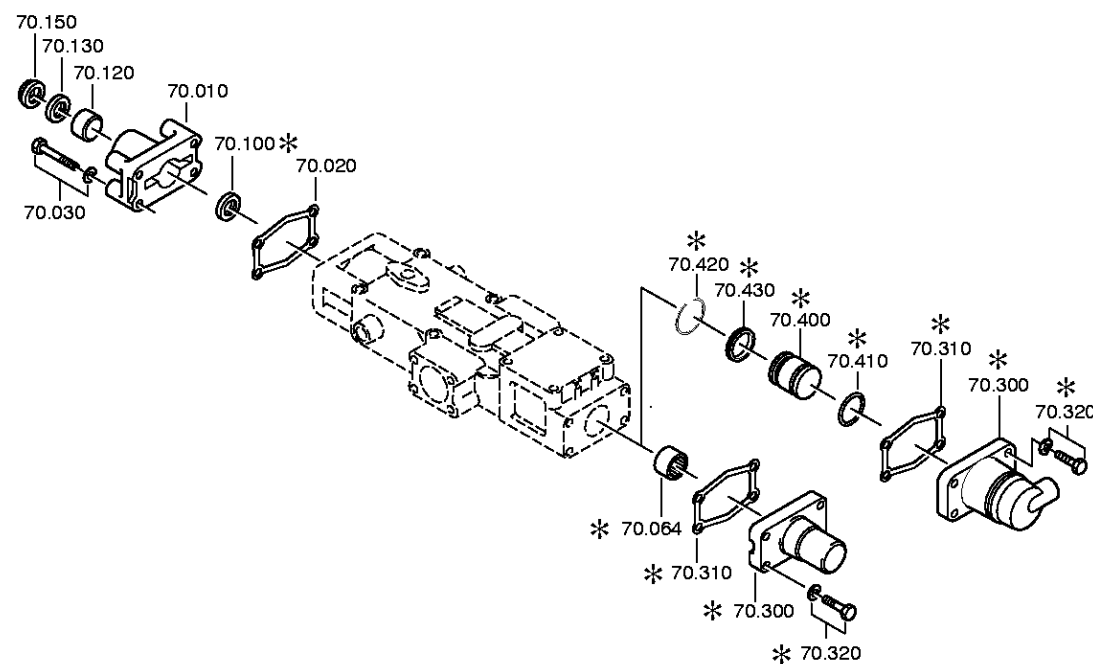
OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Parts list

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Material number: 1304.051.532 9 S 109 /
 Plant: 062.08.02-1
 Material-assembly-group-no: 1304.170.003



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
10	---	GEAR SHIFT COVER	1		00.00.0000		WTB			3	0,000	
---	1304.307.158	GEAR SHIFT COVER	1		00.00.0000					5	0,000	
---	1304.307.042	GEAR SHIFT COVER	1		00.00.0000					5	0,000	
20	0501.318.308	GASKET	1	C0100499 1B10	00.00.0000	00.00.0000				5	0,000	
30	---	HEXAGON BOLT	4		00.00.0000		M8X50 ISO4017/8.8 A3C			3	0,000	
---	0636.015.393	HEXAGON BOLT	4		00.00.0000		M8X50			5	0,020	
---	0630.302.090	SPRING WASHER	4		00.00.0000					5	0,006	
64	0635.303.053	NEEDLE SLEEVE	1		00.00.0000		25X32X20			5	120	
120	0730.260.330	BEARING BUSH	1		00.00.0000		A=20,00 IN 0730 260 546(2)			5	0,000	
130	0634.300.302	SHAFT SEAL	1		00.00.0000		25X35X7			5	0,000	
150	0634.307.367	SCRAPER	1		00.00.0000					5	0,009	
300	1304.307.375	COVER	1		00.00.0000					5	0,000	
310	0501.318.308	GASKET	1	C0100499 1B10	00.00.0000	00.00.0000				5	0,000	
320	---	HEXAGON BOLT	4		00.00.0000		M8X30 ISO4017/8.8 A3C			3	0,000	
---	0636.015.321	HEXAGON BOLT	4		00.00.0000		M8X30			5	0,010	
---	0630.302.090	SPRING WASHER	4		00.00.0000					5	0,006	

VKF Incidence factor

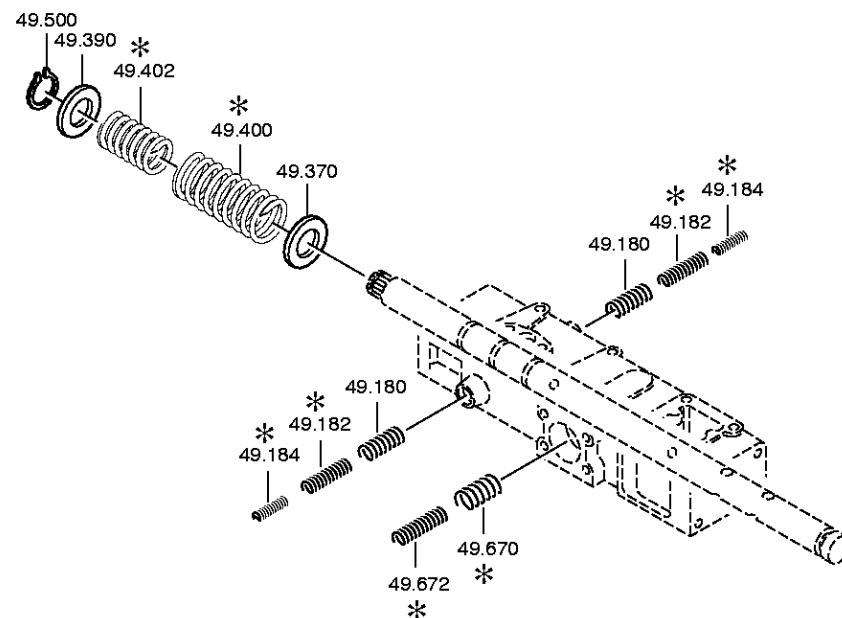
OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Parts list

Page 1 from 1

Material number: 1304.051.532 9 S 109 /
 Plant: 062.12.02-1
 Material-assembly-group-no: 1304.149.142



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
180	0732.042.542	COMPRSPRING	2		00.00.0000					5	0,000	
370	0730.003.740	WASHER	1		00.00.0000		A=2,00 IN 0730 003 738(2)			5	0,000	
390	0730.003.740	WASHER	1		00.00.0000		A=2,00 IN 0730 003 738(2)			5	0,000	
400	0732.040.237	COMPRSPRING	1		00.00.0000					5	30	
402	0732.041.011	COMPRSPRING	1		00.00.0000					5	0,000	
500	0630.501.248	RETAINING RING	1		00.00.0000		25X2			5	4	
672	0732.040.819	COMPRSPRING	1		00.00.0000					5	0,000	

VKF Incidence factor

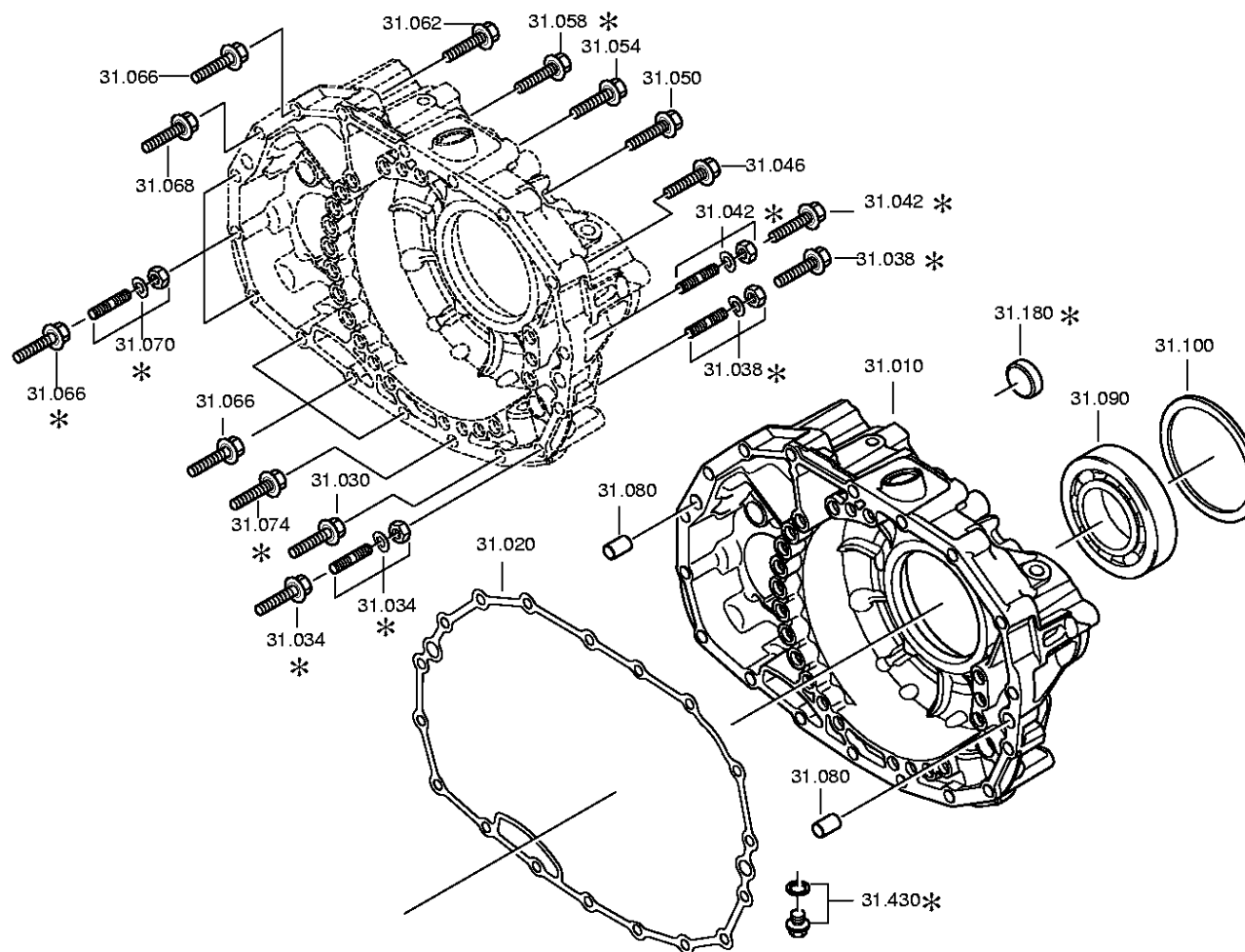
OTK Optional technical kit

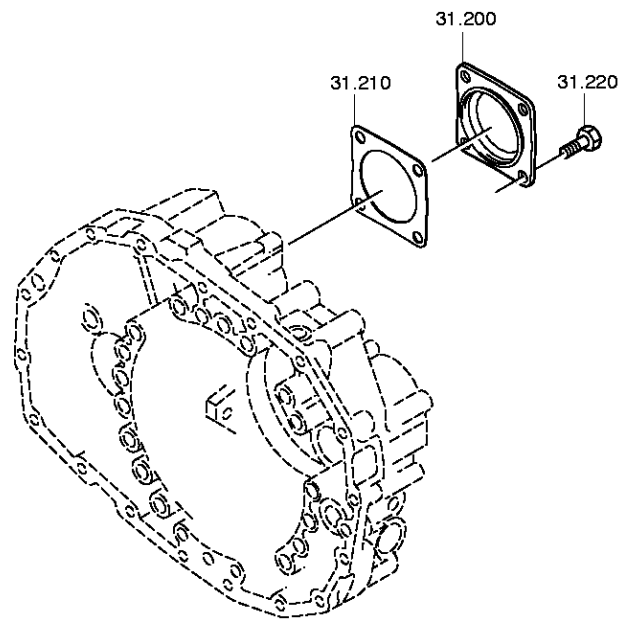
ID Identification (output code)

SP Supplier plant

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Parts list
Page 1 from 2

Material number: 1304.051.532 9 S 109 /
Plant: 062.43.09-1
Material-assembly-group-no: 1304.131.069



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
10	1304.301.382	HOUSING III	1	Z0000150 2414	12.11.2008	12.11.2008				5	0,000	
20	1304.301.305	GASKET	1	C0100769 8C10	00.00.0000	00.00.0000				5	0,000	
30	---	HEXAGON BOLT	1		00.00.0000		M10X110			3	0,000	
---	0736.010.181	HEXAGON BOLT	1		00.00.0000		M10X110 IN 0736 010 183(2)			5	0,000	
34	---	HEXAGON BOLT	1		00.00.0000		M10X110			3	0,000	
---	0736.010.181	HEXAGON BOLT	1		00.00.0000		M10X110 IN 0736 010 183(2)			5	0,000	
38	---	HEXAGON BOLT	1		00.00.0000		M10X70			3	0,000	
---	0736.010.180	HEXAGON BOLT	1		00.00.0000		M10X70 IN 0736 010 183(2)			5	0,000	
42	---	HEXAGON BOLT	1		00.00.0000		M10X50			3	0,000	
---	0736.010.179	HEXAGON BOLT	1		00.00.0000		M10X50 IN 0736 010 183(2)			5	0,000	
46	---	HEXAGON BOLT	1		00.00.0000		M10X70			3	0,000	
---	0736.010.180	HEXAGON BOLT	1		00.00.0000		M10X70 IN 0736 010 183(2)			5	0,000	
50	---	HEXAGON BOLT	1		00.00.0000		M10X70			3	0,000	
---	0736.010.180	HEXAGON BOLT	1		00.00.0000		M10X70 IN 0736 010 183(2)			5	0,000	
54	---	HEXAGON BOLT	1		00.00.0000		M10X110			3	0,000	
---	0736.010.181	HEXAGON BOLT	1		00.00.0000		M10X110 IN 0736 010 183(2)			5	0,000	
58	---	HEXAGON BOLT	1		00.00.0000		M10X110			3	0,000	
---	0736.010.181	HEXAGON BOLT	1		00.00.0000		M10X110 IN 0736 010 183(2)			5	0,000	
62	---	HEXAGON BOLT	1		00.00.0000		M10X70			3	0,000	
---	0736.010.180	HEXAGON BOLT	1		00.00.0000		M10X70 IN 0736 010 183(2)			5	0,000	
66	---	HEXAGON BOLT	4		00.00.0000		M10X70			3	0,000	
---	0736.010.180	HEXAGON BOLT	4		00.00.0000		M10X70 IN 0736 010 183(2)			5	0,000	
68	---	HEXAGON BOLT	1		00.00.0000		M10X70			3	0,000	
---	0736.010.180	HEXAGON BOLT	1		00.00.0000		M10X70 IN 0736 010 183(2)			5	0,000	
70	---	HEXAGON BOLT	3		00.00.0000		M10X70			3	0,000	
---	0736.010.180	HEXAGON BOLT	3		00.00.0000		M10X70 IN 0736 010 183(2)			5	0,000	
74	---	HEXAGON BOLT	1		00.00.0000		M10X110			3	0,000	
---	0736.010.181	HEXAGON BOLT	1		00.00.0000		M10X110 IN 0736 010 183(2)			5	0,000	
80	0631.306.229	CYLINDRICAL PIN	2		00.00.0000		16X36			5	0,000	
90	0750.116.404	BALL BEARING	1	Z0000150 2414	12.11.2008	12.11.2008	WTB 80,0X140,0X26,0			3	0,000	
200	1304.301.034	COVER	1		00.00.0000					5	0,000	

VKF Incidence factor

OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Parts list

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Material number: 1304.051.532 9 S 109 /
 Plant: 062.43.09-1
 Material-assembly-group-no: 1304.131.069



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
210	1238.308.201	GASKET	1		00.00.0000		ENTHALT.IN 1238 308 202(2)			5	0,000	
220	---	HEXAGON BOLT	4	C0100822 9E10	00.00.0000	00.00.0000	M12X25 DIN933ALT/8.8 A3C			3	0,000	
---	0636.016.178	HEXAGON BOLT	4		00.00.0000		M12X25			5	0,035	

VKF Incidence factor

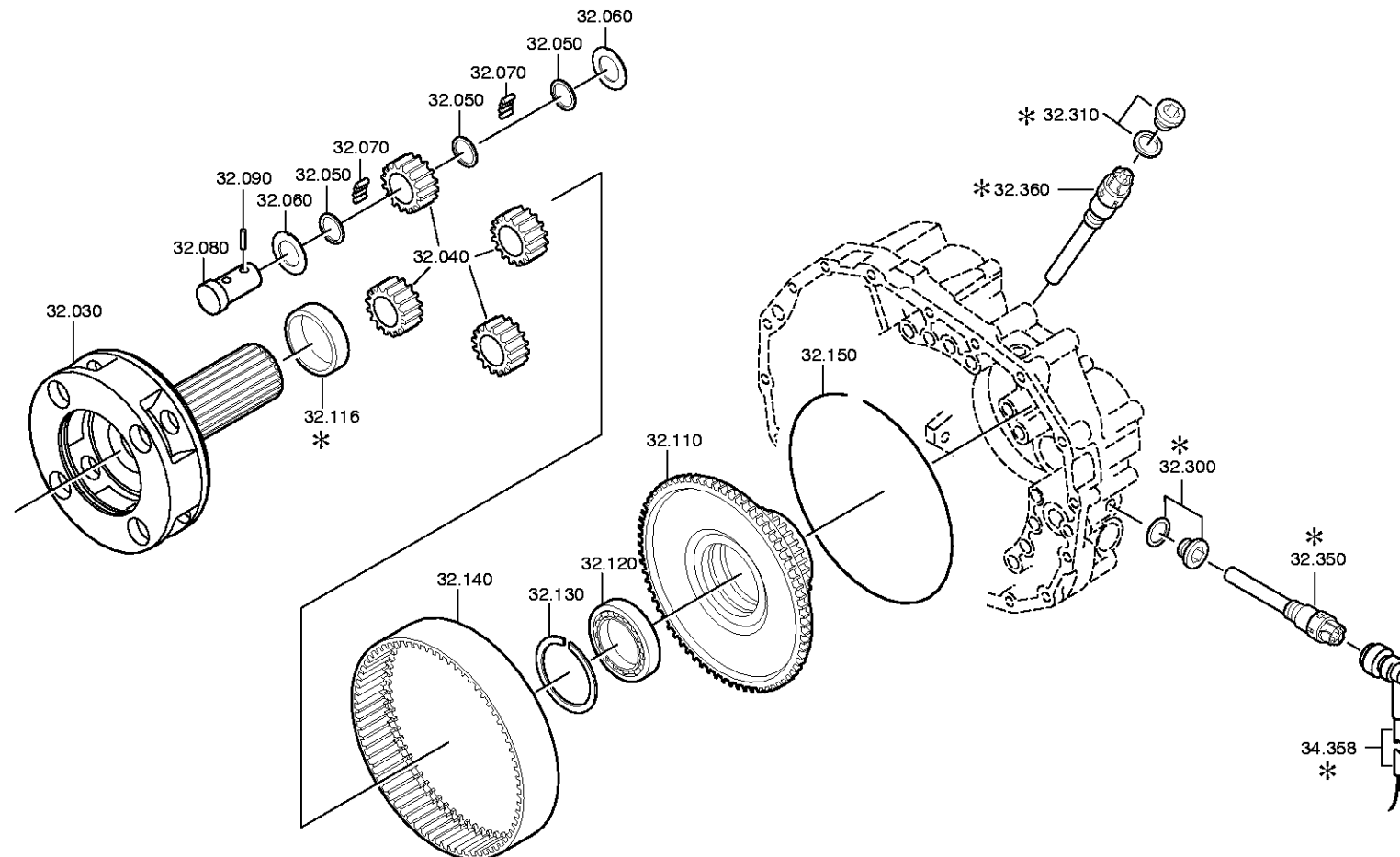
OTK Optional technical kit

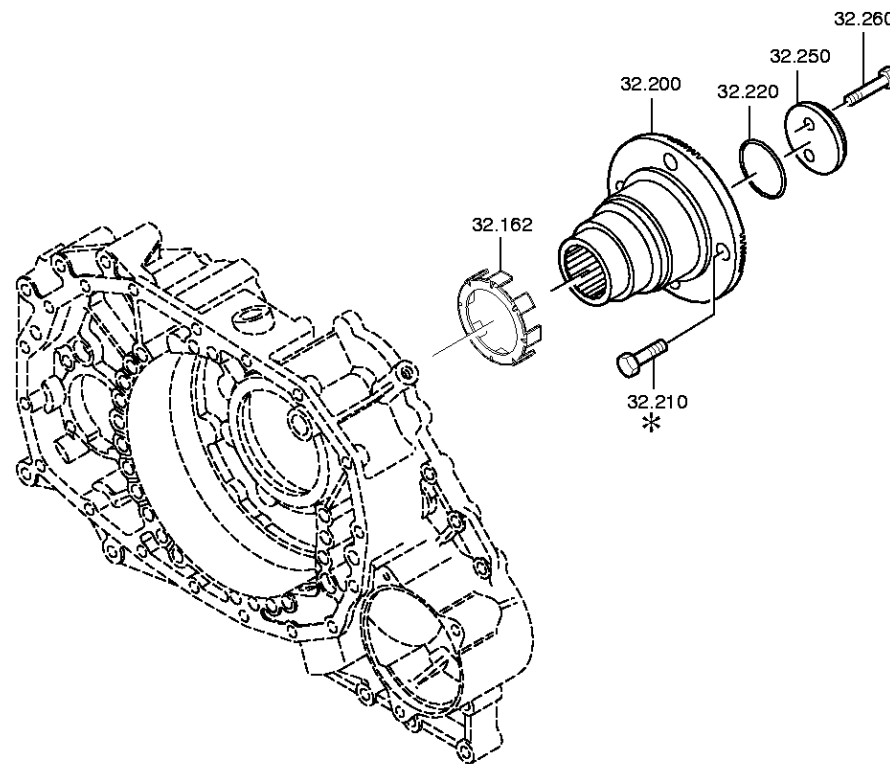
ID Identification (output code)

SP Supplier plant

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Parts list
Page 1 from 1

Material number: 1304.051.532 9 S 109 /
Plant: 062.44.03-1
Material-assembly-group-no: 1304.132.099



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
30	1304.232.095	PLANET CARRIER	1		00.00.0000		KPL.			3	0,000	
40	1304.232.037	PLANET GEAR SET	1		00.00.0000		KPL.			3	0,000	
50	0730.103.102	INTERM WASHER	12		00.00.0000		A=1,50 IN 0730 105 951(2)			5	0,000	
60	0501.304.692	WASHER	8		00.00.0000		ENTHALT.IN 0501 304 086(2)			5	0,000	
70	0735.470.115	NEEDLE ROLLER	160		00.00.0000		5,0X15,3 FA.INA			5	0,000	
80	1304.332.111	PLANET SHAFT	4		00.00.0000					5	0,000	
90	0631.329.037	SLOTPIN	4		00.00.0000		4X26			5	0,010	
110	1304.332.215	RING GEAR CARRIER	1		00.00.0000		ENTHALT.IN 1304 332 214(0)			5	0,000	
116	1304.333.012	BUSH	1		00.00.0000					5	0,000	
120	0750.116.165	BALL BEARING	1		00.00.0000		80,0X110,0X16,0			3	0,000	
130	---	SNAP RING	1	C0100042 0A10	00.00.0000	00.00.0000	WTB 0730 513 754(2)-A= 2,00- 2,50(ABSTUFUNG:0,10MM)			3	0,000	
---	0730.513.755	SNAP RING	1		00.00.0000					5	0,000	
---	0730.513.756	SNAP RING	1		00.00.0000					5	0,000	
---	0730.513.757	SNAP RING	1		00.00.0000					5	0,000	
---	0730.513.758	SNAP RING	1		00.00.0000					5	0,000	
---	0730.513.759	SNAP RING	1		00.00.0000					5	0,000	
---	0730.513.760	SNAP RING	1		00.00.0000					5	0,000	
140	1304.332.178	RING GEAR	1		00.00.0000		Z86			5	0,000	
150	0730.505.140	LOCKING WIRE	1		00.00.0000		A=2,00 IN 0730 505 052(2)			5	0,000	
200	1304.338.097	OUTPUT FLANGE	1		00.00.0000					5	0,000	
210	---	HEXAGON BOLT	4	C0100235 3E10	00.00.0000	00.00.0000	M14X50 * SCHUTZKAPPE			3	0,000	
---	0636.011.104	HEXAGON BOLT	4		00.00.0000		M14X50			5	79	
---	1315.332.067	PROTECTING CAP	4		00.00.0000					5	0,000	
220	0634.313.223	O-RING	1		00.00.0000		59,2X5,7			5	0,000	
250	1304.338.072	WASHER	1		00.00.0000					5	0,000	
260	0636.011.488	HEXAGON BOLT	2		00.00.0000		M12X55			5	0,000	

VKF Incidence factor

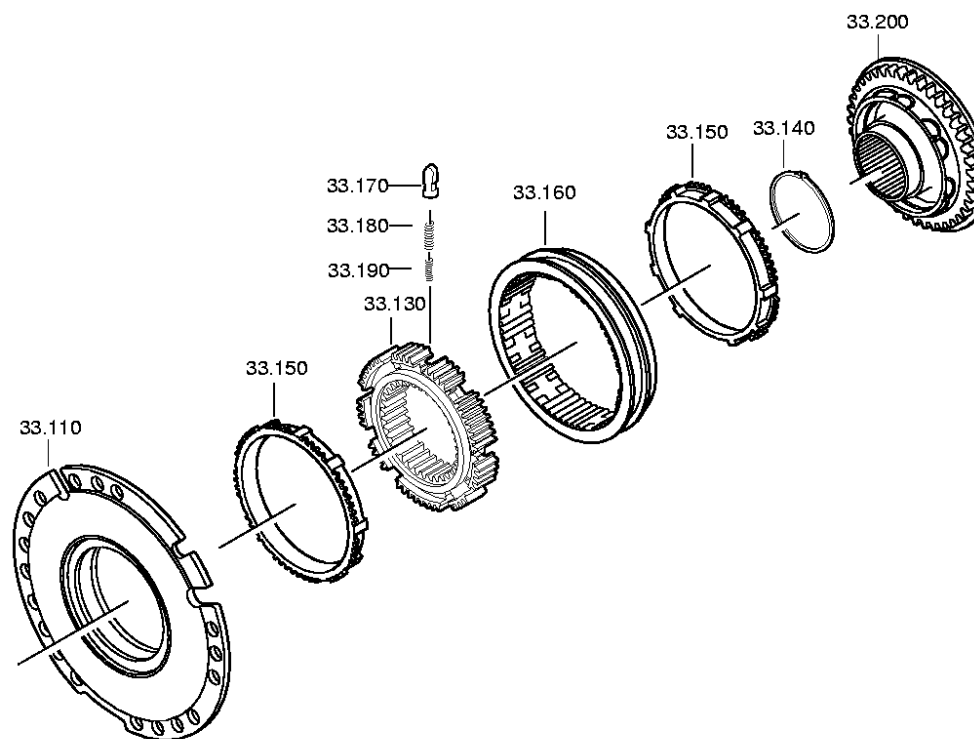
OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Material number: 1304.051.532 9 S 109 /
 Plant: 062.45.05-1
 Material-assembly-group-no: 1304.133.010



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
110	1304.233.006	CLUTCH BODY	1		00.00.0000					3	0,000	
130	1313.333.001	SYNCHROBODY	1		00.00.0000		ENTHALT.IN 1296 333 014(1)			5	0,000	
140	---	RETAINING RING	1		00.00.0000		WTB -A= 3,70- 4,00(ABSTUFUNG:0,10MM)			3	0,000	
---	0630.501.061	RETAINING RING	1		00.00.0000		125X4			5	0,100	
---	0630.501.173	RETAINING RING	1		00.00.0000		125X3,9			5	0,000	
---	0630.501.174	RETAINING RING	1		00.00.0000		125X3,8			5	0,000	
---	0630.501.175	RETAINING RING	1		00.00.0000		125X3,7			5	0,000	
150	1296.333.045	SYNCHRO RING	2		00.00.0000					5	0,000	
160	1304.333.011	SLIDING SLEEVE	1		00.00.0000		ENTHALT.IN 1304 333 013(0)			5	0,000	
170	1240.304.278	PRESSURE PIECE	9		00.00.0000					5	0,000	
180	0732.040.385	COMPRSPRING	9		00.00.0000					5	0,000	
190	0732.040.386	COMPRSPRING	9	C0100731 7F10	00.00.0000	00.00.0000				5	0,000	
200	1304.233.013	CLUTCH BODY	1	C0100233 4A10	00.00.0000	00.00.0000	KPL. IN 1304 233 012(2)			3	0,000	

VKF Incidence factor

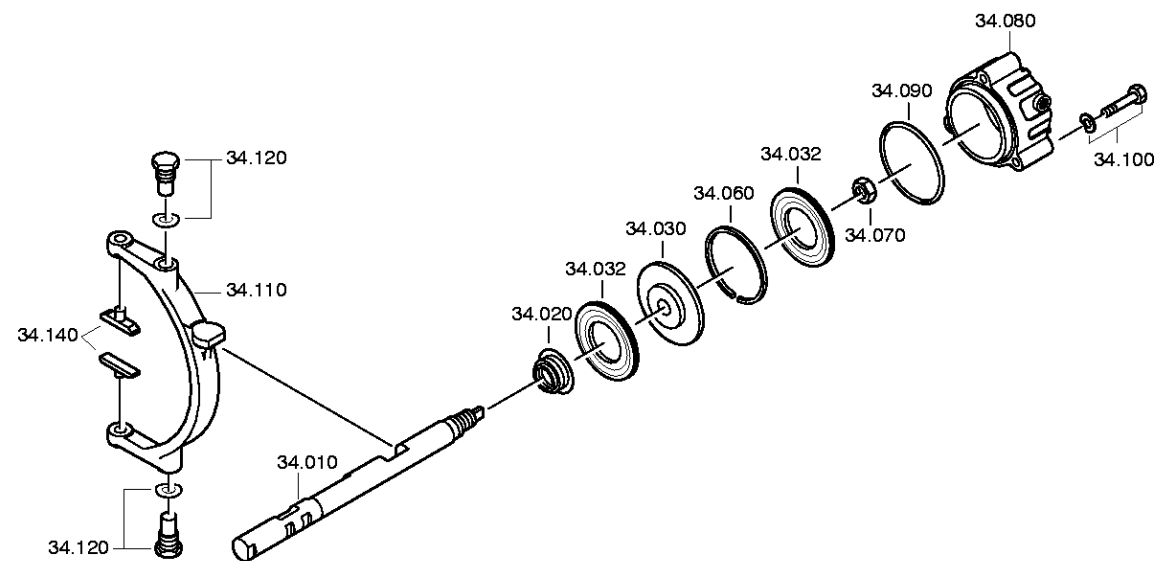
OTK Optional technical kit

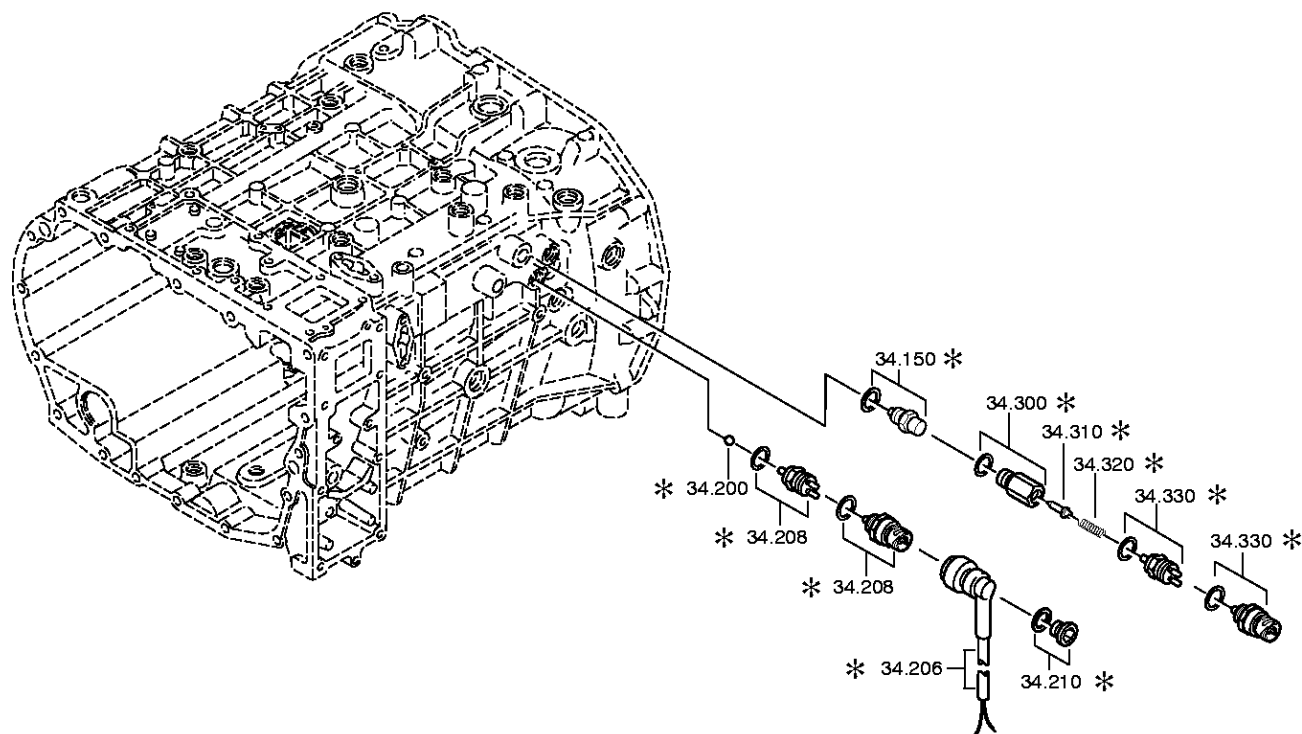
ID Identification (output code)

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Parts list
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Material number: 1304.051.532 9 S 109 /
Plant: 062.46.05-1
Material-assembly-group-no: 1304.134.033



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
10	1304.334.075	GEAR SHIFT RAIL	1		00.00.0000					5	0,000	
20	0750.112.047	FLANGE PACKING	1		00.00.0000		WTB 22X36X14,5			3	0,000	
30	1315.334.041	PISTON	1		00.00.0000		ENTHALT.IN 1315 334 040(2)			5	0,000	
32	0734.307.287	SEALING RING	2		00.00.0000		50X100X7,5 FA.KACO			5	0,000	
60	0750.112.096	GUIDE RING	1		00.00.0000		WTB			3	0,000	
70	---	LOCKING NUT	1		00.00.0000		M16X1,5 ZFN99			3	0,000	
---	0737.006.095	LOCKING NUT	1		00.00.0000		MS16X1,5 ZFN99			5	0,000	
80	1304.334.079	CYLINDER	1		00.00.0000					5	0,000	
90	0634.313.338	O-RING	1		00.00.0000		108X3			5	0,000	
100	---	HEXAGON BOLT	3		00.00.0000		M10X70			3	0,000	
---	0736.010.180	HEXAGON BOLT	3		00.00.0000		M10X70 IN 0736 010 183(2)			5	0,000	
110	1304.334.063	GEAR SHIFT FORK	1		00.00.0000					5	0,000	
120	---	ARTICULATION BOLT	2	C0100089 4B10	00.00.0000	00.00.0000	M24X1,5 SK6			3	0,000	
---	1315.334.011	ARTICULATION BOLT	2		00.00.0000		M24X1,5 IN 1315 334 030(2)			5	0,000	
---	0730.300.005	SPRING WASHER	2		00.00.0000					5	0,000	
140	1272.334.003	SLIDING PAD	2		00.00.0000					5	0,000	
150	---	DETENT PLUNGER	1	C0100043 1E10	00.00.0000	00.00.0000	145N*50N.M			3	0,000	
---	1313.207.005	DETENT PLUNGER	1	C0100986 0C10	00.00.0000	00.00.0000	KPL. IN 1313 207 001(2)			3	0,000	
---	0730.008.604	SEALING RING	1	C0100986 0C10	00.00.0000	00.00.0000	A16X22			5	0,000	
210	---	SCREW PLUG	1		00.00.0000		M18X1,5 * 35N.M* DICHRING			3	0,000	
---	0636.302.021	SCREW PLUG	1		00.00.0000		M18X1,5			5	0,090	
---	0634.801.062	SEALING RING	1		00.00.0000		18X24			5	0,001	

VKF Incidence factor

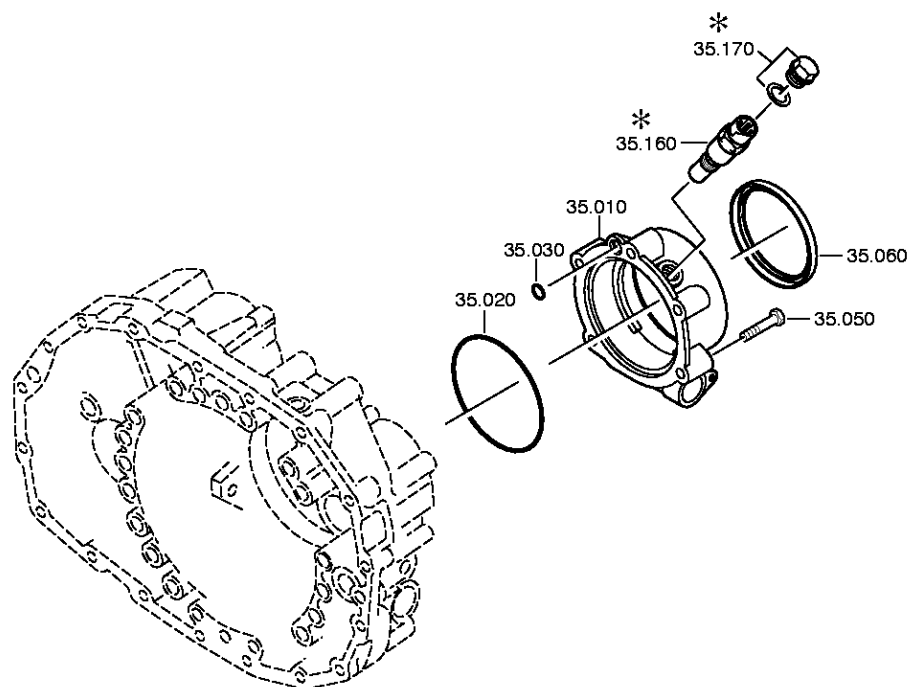
OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Parts list

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Material number: 1304.051.532 9 S 109 /
 Plant: 062.47.02-1
 Material-assembly-group-no: 1304.135.005



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
10	1304.301.410	SPEEDOMETER COVER	1	Z0000150 2410	13.11.2008	13.11.2008				5	0,000	
20	0634.303.110	O-RING	1		00.00.0000		138X3			5	3,900	
30	0634.316.181	O-RING	1		00.00.0000		10X3			5	0,000	
50	---	HEXAGON BOLT	5	C0100808 3B10	00.00.0000	00.00.0000	M10X60Z1 DIN933A/10. 9A3CSM			3	0,000	
---	0636.015.601	HEXAGON BOLT	5		00.00.0000		M10X60			5	0,000	
60	0734.319.459	SHAFT SEAL	1		00.00.0000		105X125X12/9,5 FA.CFW			5	0,000	
160	---	PULSE SENSOR	1		00.00.0000		L= 19,8* 45N.M*O. DICHTRING*BAJONETT			3	0,000	
---	0501.210.855	PULSE SENSOR	1		00.00.0000		KPL. IN 0501 210 854(3)			5	0,090	

VKF Incidence factor

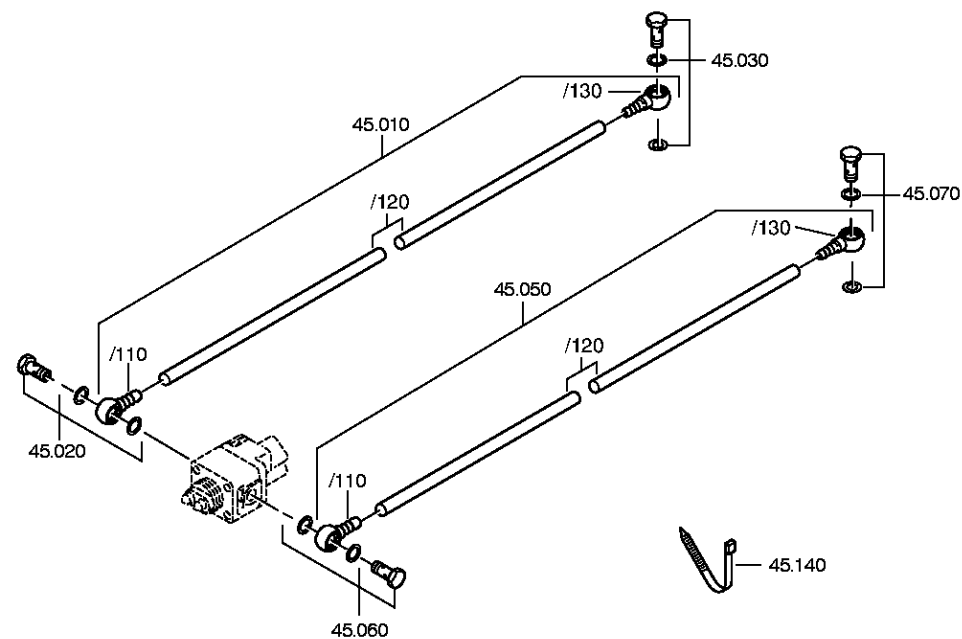
OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Material number: 1304.051.532 9 S 109 /
 Plant: 062.57.02-1
 Material-assembly-group-no: 1304.145.005



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
10	6007.202.077	PIPE	1		00.00.0000		KPL.450,00MM			3	0,000	
/110	0750.146.001	RING PIECE	1		00.00.0000		WTB			3	0,000	
/120	0632.702.904	PIPE	450	C0100872 2A10	00.00.0000	00.00.0000	12X2			5	0,000	
/130	0750.146.001	RING PIECE	1		00.00.0000		WTB			3	0,000	
20	---	UNION SCREW	1	C0100394 6B10	00.00.0000	00.00.0000	M14X26*MIT DICHTRING			3	0,000	
---	0737.835.238	UNION SCREW	1		00.00.0000					5	0,000	
---	0730.008.057	SEALING RING	1		00.00.0000		A=1,50 IN 0730 008 054(2)			5	0,000	
30	---	UNION SCREW	1	C0100394 6B10	00.00.0000	00.00.0000	M14X26*MIT DICHTRING			3	0,000	
---	0737.835.238	UNION SCREW	1		00.00.0000					5	0,000	
---	0730.008.057	SEALING RING	1		00.00.0000		A=1,50 IN 0730 008 054(2)			5	0,000	
50	6007.202.081	PIPE	1		00.00.0000		KPL.515,00MM			3	0,000	
/110	0750.146.001	RING PIECE	1		00.00.0000		WTB			3	0,000	
/120	0632.702.904	PIPE	515	C0100872 2A10	00.00.0000	00.00.0000	12X2			5	0,000	
/130	0750.146.001	RING PIECE	1		00.00.0000		WTB			3	0,000	
60	---	UNION SCREW	1	C0100394 6B10	00.00.0000	00.00.0000	M14X26*MIT DICHTRING			3	0,000	
---	0737.835.238	UNION SCREW	1		00.00.0000					5	0,000	
---	0730.008.057	SEALING RING	1		00.00.0000		A=1,50 IN 0730 008 054(2)			5	0,000	
70	---	UNION SCREW	1	C0100394 6B10	00.00.0000	00.00.0000	M14X26*MIT DICHTRING			3	0,000	
---	0737.835.238	UNION SCREW	1		00.00.0000					5	0,000	
---	0730.008.057	SEALING RING	1		00.00.0000		A=1,50 IN 0730 008 054(2)			5	0,000	
140	0659.160.068	CABLE CLIP	2		00.00.0000					5	0,000	

VKF Incidence factor

OTK Optional technical kit

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