



Spare Parts Catalog

16 S 109
OTOSAN

Material number: 1304.050.443



Pos.	Information	Amendment number
A10	CUSTOMER:OTOSAN	
A10	COUNTRY:TR	
A14	CUST.SPEC.NO: CODE:	
A90	RELEASE:FIRST INSTALLATION CHECK NECESSARY	
F06	INSTAL.POSITION:HOR. LH *FLANGE MOUNTED*	
F10	RATIO: 13,41- 1,00 *DG	
F10	G13,41* 9,56* 6,69* 4,72* 3,35* 2,39*	
F10	G 1,67* 1,18* * R12,69	
F10	S11,35* 8,09* 5,66* 4,00* 2,84* 2,02*	
F10	S 1,42* 1,00* * R10,74	
F26	PLANET GEAR SET:I=4,000* 5 GEAR	
F34	CONTROL:REMOTE CONTROL*HORIZONTAL RH *H-H	
F34	GP:PLASTIC PIPING	
F38	SEPARAT.CLUTCH: SYNCHRONIZED	
F40	INPUT SHAFT : L=305,0*SAE 10C 1 3/4INCH	
F40	JOURNAL:D=25 F7*SHAFT:D=44,22*BUSH:WITHOUT	
F46	REL.BRG.CARRIER:L= 190,0 D= 57,000 E8	
F46	SEALING CAP:WITHOUT	
F50	OUTPUT :STANDARD BEARINGS	
F52	OUTP.FLANGE RA:OD=180 *BOLT= 4XM14X2,00X50	
F52	L=103,0*	
F62	GP HOUSING :HEXAGON SCREW	
F64	CONN.OF GEARSHIFT:	
F66	CONTROL SHAFT DIMENSION:A=248,0*	
F68	MEAS.POINT: SHIFTLIVER-LOCATION *CONTROL CABLE	
F96	SET OF SPRINGS:LAYOUT Q1 *INSERTION:W091	
F98	PAWL STOP: SPRING FORCE RG= 60N	
G06	GEAR DETENT:SPRING FORCE NG+GG = 68N	
G16	SELECTION PATTERN:WII	
G20	HAND G.SHIFT LEVER 1:L= *SHIFT PATTERN: D2	



Pos.	Information	Amendment number
G20	GRIP FORM:1B*MOUNTING:M10+WASHER	
G20	PNEUMATIC:VALVE	
G26	POSITION DELETED	
G30	SWITCH: RG*OPENING *SHIFT RAIL	
G30	PROTECTING CAP:WITH *BAYONET+PLUG DIRECT	
G32	SWITCH: NG*OPENING *	
G32	PROTECTING CAP:WITHOUT*	
G32		
G36	SWITCH: GP*WITHOUT *	
G36	PROTECTING CAP:WITHOUT*	
G50	AUXILIARY UNITS:WITHOUT WSK *	
G56	SWITCH: GV*WITHOUT *	
G56	PROTECTING CAP:WITHOUT*	
G60	AUXILIARY UNITS/ACCESSORIES	
G64	HEAT EXCHANGER:WITHOUT *	
G66	G.BOX VENTING:BREATHER	
G74	RETARDER:WITHOUT	
H50	ELECTRONIC:	
H64	TRANSMITTER INPUT:WITHOUT	
H64	PROTECTING CAP:WITHOUT	
H68	PULSE TRANSMITTER TACHO:IMP/U 8,00	
H68	TRANSMIT:PREP. *PROTECT.CAP:WITHOUT	
M00	DRAWING:	
M02	INSTALLATION: 1304 600 092	
M14	SECTION: 1304 050 402	
M16	SECTION: 1304 172 171	
M18	SECTION: 1304 149 012	
M50	ASSEMBLY INSTRUCTIONS:	
M58	ASSEMBLY:OIL FILL+OVERFLO *HOUSING LEFT	
M90	OIL CAPACITY: AP. 9,00L	



Pos.	Information	Amendment number
M92	OIL GRADE ACC.TO ZF:TE-ML02	
M94	MASS : APPRX. 185,0 KG	
M96	PAINT :NO PAINT *	
M98	PRESERVATION : KA1 T/KI2/ *ZFN 916	
S02	VEHICLE DATA 1:	
S04	MODEL:TRUCK *1830 4X 2	
S06	MAX.G.V.M. T*MAX. G.C.M. 40,0T	
S08	R DYN: 527*	
S10	RA: I= 4,56	
S14	FORD /NHDD *KW220/2400*N.M1100/1800	
S18	CLUTCH: VALEO *395DBE	



Graphics	Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	ID
062.01.11	110	1304.101.264	GEARBOX HOUSING	1		00.00.0000		16S109 *WA*ZWG	3
062.01.11	118	1304.101.402	CONN.PARTS	1		00.00.0000		WS*OHNE	3
062.01.84	120	1304.101.929	GEARBOX HOUSING	1		00.00.0000		16S109 *DG*WA	3
062.01.90	122	1304.101.800	CLOSING COMPON.	1		00.00.0000		NA-OEFFNUNG	3
062.02.03	150	1304.102.805	INPUT SHAFT	1		00.00.0000		O.WSK	3
062.02.03	910	1304.102.153	INPUT SHAFT	1		00.00.0000		13,30-1,00	3
062.02.40	140	1304.102.443	CONN.PLATE	1		00.00.0000		L=190*D=57E8	3
062.03.05	920	1304.103.062	LAYSHAFT	1		00.00.0000		13,31-1,00	3
062.03.80	180	1304.103.804	LAYSHAFT	1		00.00.0000		O.WSK*PUMPE	3
062.04.05	930	1304.104.120	MAIN SHAFT	1		00.00.0000		13,41-1,00*R12,60	3
062.06.22	230	1304.106.123	GEARSHIFT SYST.	1		00.00.0000		16S109 *WA*WII	3
062.06.22	950	1304.106.453	CONN.PARTS	1		00.00.0000		KABELVERBIND*RG	3
062.06.46	238	1304.106.444	CONN.PARTS	1		00.00.0000		WA*RG-OEFF*NG-OEFF*BAJONE.	3
062.07.08	020	1304.107.615	G.SHIFT SHAFT	1		00.00.0000		SCHUTZKAPPE*6KT.SCHRAUBE	3
062.07.08	282	1304.107.840	G.SHIFT HOUSING	1		00.00.0000		ABSTUETZPKT*OTOSAN	3
062.07.08	910	1304.107.216	G.SHIFT HOUSING	1		00.00.0000		9/16S109 *H-H* 60N	3
062.07.49	914	1304.107.489	G.SHIFT SHAFT	1		00.00.0000		9/16S109*WII*248 *HH-WR	3
062.08.02	926	1304.170.003	SHIFT TURRET	1		00.00.0000		213,5-301,5*WR	3
062.08.02	930	1304.170.017	COVER	1		00.00.0000		WR	3
062.08.02	934	1304.170.804	COVER	1		00.00.0000			3
062.12.02	922	1304.149.142	SET OF SPRINGS	1		00.00.0000		WR *H-H/H*Q1 *W091	3
062.40.01	500	1304.112.006	GV-SHIFT SYSTEM	1		00.00.0000		16S109	3
062.40.40	504	1304.112.409	CONN.PARTS	1		00.00.0000		GV-OHNE	3
062.43.02	020	1304.131.052	GP HOUSING	1		00.00.0000		16S109	3
062.43.02	512	1304.131.825	GP HOUSING	1		00.00.0000		ECOMID*6KT.SCHRAUBE	3
062.43.40	030	1304.131.400	CLOSING COMPON.	1		00.00.0000		NA-OEFFNUNG	3
062.44.06	040	1304.132.098	PLANETARY DRIVE	1		00.00.0000		16S109*I=4,00*SYNCHR.D=165	3
062.44.06	060	1304.132.808	PLANETARY DRIVE	1		00.00.0000		16S109*4,00	3
062.44.51	050	1304.132.493	PLANETARY DRIVE	1		00.00.0000		AD=180*SCHR=4XM14X2,0X50	3
062.45.05	070	1304.133.010	SYNCHRONIZER	1		00.00.0000		ECOMID	3
062.45.05	080	1304.133.404	SYNCHRONIZER	1		00.00.0000		MOLYB.	3
062.46.05	090	1304.134.033	GP SHIFT SYSTEM	1		00.00.0000		KOLBEN-D=100MM	3
062.46.40	554	1304.134.402	CONN.PARTS	1		00.00.0000		GP-OHNE	3
062.47.02	190	1304.135.010	SPEEDO.COVER	1		00.00.0000		OHNE TACHO	3

VKF Incidence factor

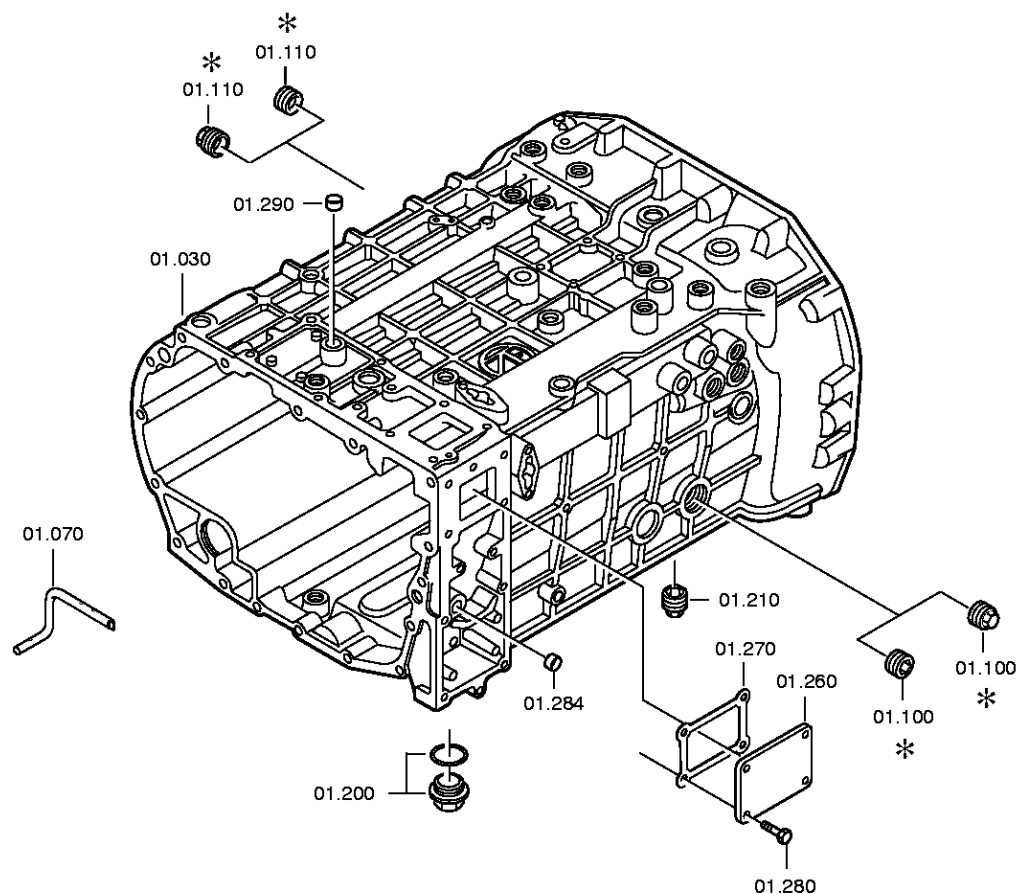
ID Identification (output code)

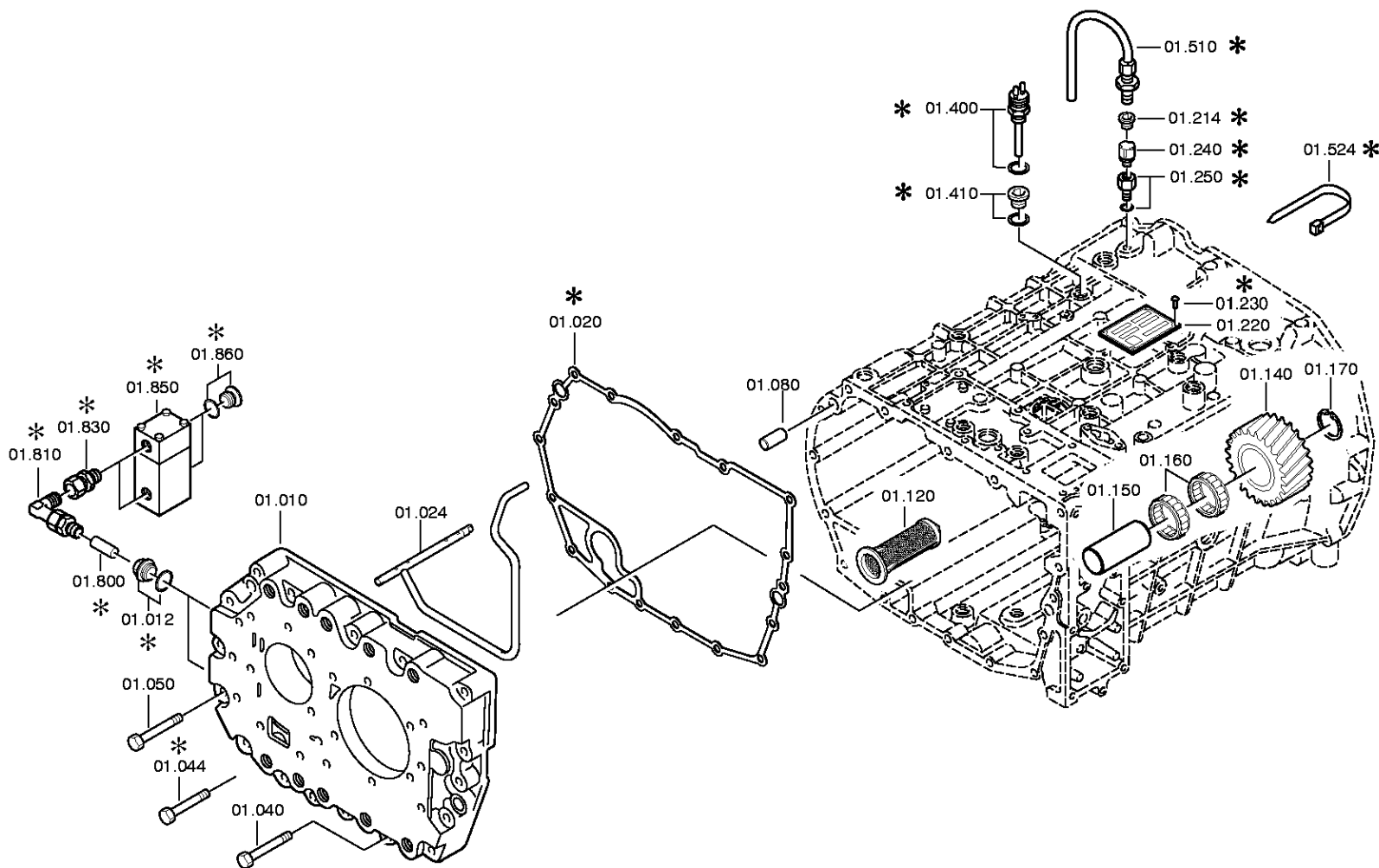


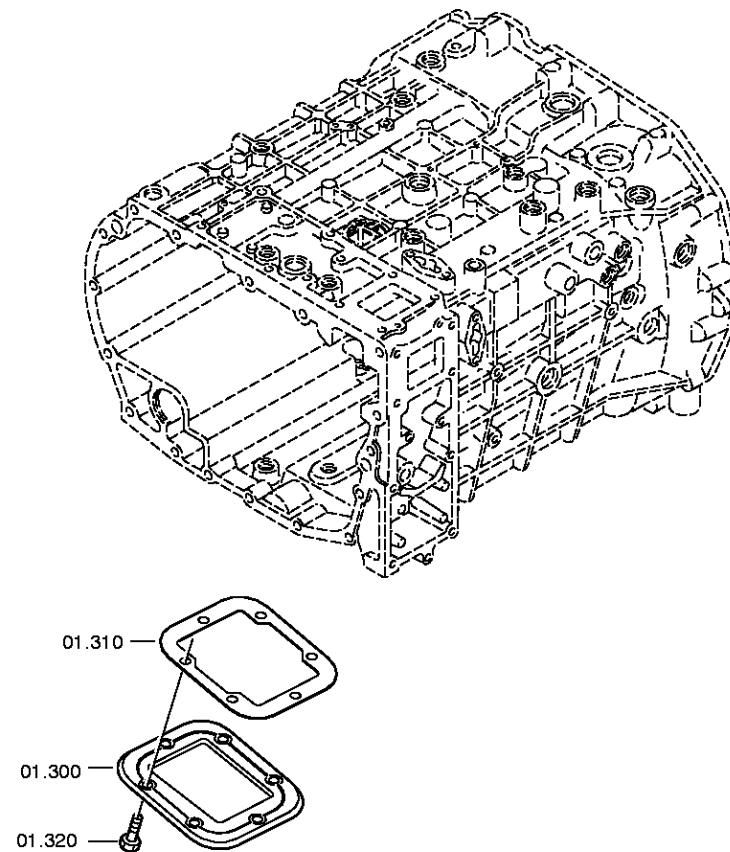
Graphics	Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	ID
062.47.02	194	1304.135.803	SPEEDO.COVER	1		00.00.0000		E-TACHO	3
062.57.05	390	1304.145.009	RANGE SELECTION	1		00.00.0000		16S109*WA*WII	3
062.98.41	040	6005.183.648	G.SHIFT LEVER	1		00.00.0000		*D2*PNEU*VENTIL*ROHR	3

VKF Incidence factor

ID Identification (output code)







Parts list
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Material number: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.01.11
Material-assembly-group-no: 1304.101.264



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
010	1304.301.331	HOUSING	1		00.00.0000		9S-109, 6S-150C. 8S-180			4	5,160	
012	---	SCREW PLUG	2		00.00.0000		M16X1,5 * 45N.M* DICHTRING			3	0,000	
	0636.304.048	SCREW PLUG	2		00.00.0000		DIN 910 M 16X1,5			4	0,000	
	0634.801.044	SEALING RING	2		00.00.0000		DIN 7603 A 16 X 20			4	0,000	
020	---	SEAL.COMPOUND	1	79941	..	..	WTB*5GR THREE BOND GRAU			3	0,000	
	0666.791.001	SEAL.COMPOUND	1		00.00.0000		FA. THREE BOND 1215			4	0,000	
	0666.791.002	SEAL.COMPOUND	1		00.00.0000		FA. THREE BOND 1215			4	0,000	
024	1304.201.058	PIPE	1		00.00.0000		KPL. IN 1304 201 052(1)			4	0,130	
030	1304.201.086	HOUSING	1		00.00.0000		KPL.II			4	24,480	
040	---	HEXAGON SCREW	3		00.00.0000		M10X70Z1 DIN931ALT/10. 9A3C			3	0,000	
	0636.010.793	HEXAGON SCREW	3		00.00.0000		DIN 931 ALT M 10 X 70 Z			4	0,000	
044	---	HEXAGON SCREW	1		00.00.0000		M10X65Z1 DIN931ALT/10. 9A3C			3	0,000	
	0636.010.791	HEXAGON SCREW	1		00.00.0000		DIN 931 ALT M 10 X 65 Z			4	0,000	
050	---	HEXAGON SCREW	13		00.00.0000		M10X70Z1 DIN931ALT/10. 9A3C			3	0,000	
	0636.010.793	HEXAGON SCREW	13		00.00.0000		DIN 931 ALT M 10 X 70 Z			4	0,000	
070	1304.301.269	PIPE	1		00.00.0000					4	0,014	
080	0631.306.229	CYLINDRICAL PIN	2		00.00.0000		ZFN 6 16 M 6X 36			4	0,000	
100	---	SCREW PLUG	1		00.00.0000		M24X1,5 * 50N.M*O. DICHTRG.			3	0,059	
	0736.303.005	SCREW PLUG	1		00.00.0000		M24X1,5			4	0,000	
110	---	SCREW PLUG	1	3007B	..	..	M24X1,5 * 50N.M*O. DICHTRG.			3	0,000	
	0736.301.022	SCREW PLUG	1		00.00.0000		M24X1,5			4	0,032	
120	0501.318.802	SCREEN INSERT	1	0945C	..	..				4	0,017	
140	1304.305.040	REV.IDLER GEAR	1		00.00.0000		Z21			4	2,053	
150	1304.305.030	PIN	1		00.00.0000					4	0,866	
160	0735.358.192	ROLLER CAGE	2		00.00.0000		40,0X60,0X26,0 FA.INA			4	0,185	
170	0630.502.022	RETAINING RING	1		00.00.0000		DIN 472 40X1,75			4	0,000	

VKF Incidence factor

OTK Optional technical kit

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03.01.2006

Parts list
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Material number: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.01.11
Material-assembly-group-no: 1304.101.264



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
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			4	0,000	
	0634.801.321	SEALING RING	1		00.00.0000		DIN 7603 A 38 X 44			4	0,000	
210	---	SCREW PLUG	1		00.00.0000		M24X1,5 * 50N.M*O. DICHTRG.			3	0,057	
	0736.305.016	SCREW PLUG	1		00.00.0000		M24X1,5			4	0,000	
220	---	TYPE PLATE	1		00.00.0000		WTB			3	0,000	
	0730.365.246	TYPE PLATE	1		00.00.0000		EINHEITSSCH. VERDREHSICHER			4	0,000	
	0730.365.241	TYPE PLATE	1		00.00.0000		EINHEITSSCH. VERDREHSICHER			4	0,000	
240	---	BREATHER	1		00.00.0000		M10X1KEG			3	0,000	
	0501.202.797	BREATHER	1		00.00.0000		KPL.			4	0,030	
260	1304.301.018	COVER	1		00.00.0000		ENTHALT.IN 1304 301 055(2)			4	0,290	
270	1304.307.437	GASKET	1	76941	..	..				4	0,001	
280	---	HEXAGON SCREW	4		00.00.0000		M8X20 ISO4017/8.8 A3C			3	0,000	
	0636.015.299	HEXAGON SCREW	4		00.00.0000		ISO 4017 M 8 X 20			4	0,000	
284	---	SEALING CAP	1	2717B	..	..	18 DIN443 A3C			3	0,000	
	0630.361.085	SEALING CAP	1		00.00.0000		DIN 443 18			4	0,000	
290	---	SEALING CAP	1	2717B	..	..	18 DIN443 A3C			3	0,000	
	0630.361.085	SEALING CAP	1		00.00.0000		DIN 443 18			4	0,000	
300	1304.301.318	COVER	1	69575	..	..	ENTHALT.IN 1290 301 135(1)			4	0,355	
310	1290.301.140	GASKET	1	34606	..	..	ENTHALT.IN 1290 301 071(1)			4	0,009	
320	---	HEXAGON SCREW	6		00.00.0000		M10X22 DIN933ALT/8.8 A3C			3	0,000	
	0636.015.387	HEXAGON SCREW	6		00.00.0000		DIN 933 ALT M 10 X 22			4	0,000	
410	---	SCREW PLUG	1		00.00.0000		M18X1,5 * 35N.M* DICHTRING			3	0,030	
	0634.801.062	SEALING RING	1	57730	..	..	DIN 7603 A 18 X 24			4	0,000	
	0636.302.021	SCREW PLUG	1		00.00.0000		DIN 908 M 18X1,5			4	0,000	

VKF Incidence factor

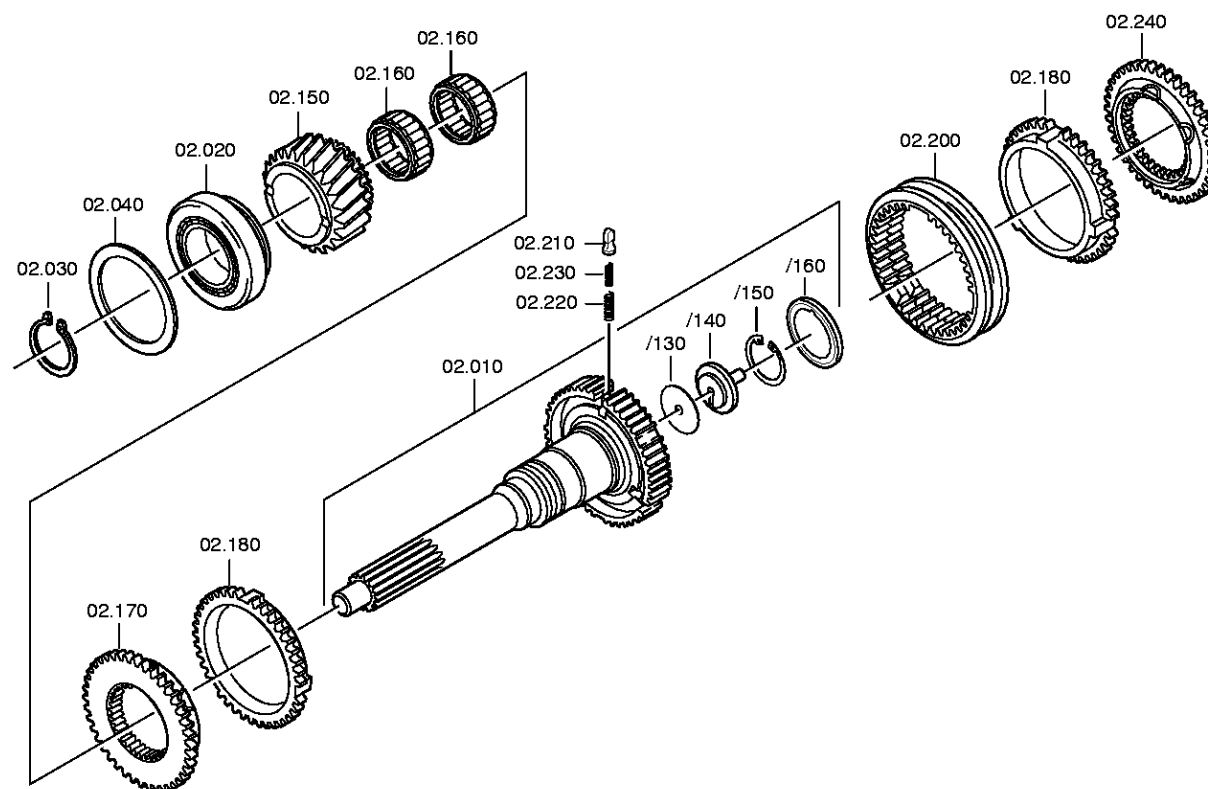
OTK Optional technical kit

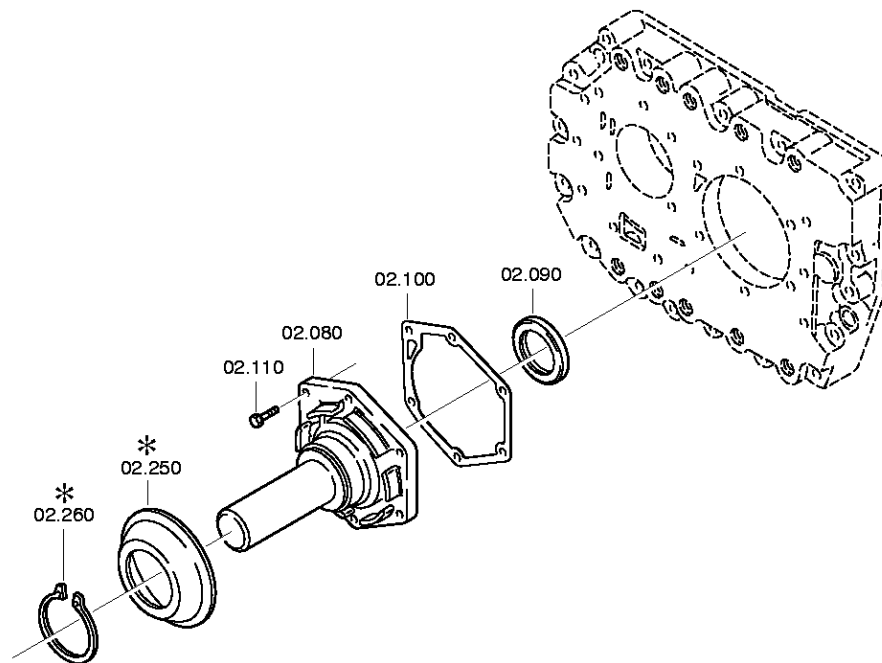
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SP Supplier plant

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Parts list
Page 1 from 2

Material number: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.02.03
Material-assembly-group-no: 1304.102.805



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
010	1304.202.255	INPUT SHAFT	1		00.00.0000		KPL.			3	0,000	
/130	0730.005.801	WASHER	1		00.00.0000		A=2,00			4	0,029	
/140	1304.302.440	COVER	1		00.00.0000					4	0,015	
/150	0630.502.063	RETAINING RING	1		00.00.0000		DIN 472 58X2			4	0,000	
/160	0501.311.146	OIL DAM	1		00.00.0000					4	0,012	
020	0750.117.079	TA.ROLL.BEARING	1		00.00.0000		WTB 66,6X117,4X30,1			4	1,345	
030	---	RETAINING RING	1		00.00.0000		WTB 0730 501 232(3)			3	0,000	
	0730.501.360	RETAINING RING	1		00.00.0000		A=4,00			4	0,032	
	0730.501.359	RETAINING RING	1		00.00.0000		A=3,95			4	0,032	
	0730.501.358	RETAINING RING	1		00.00.0000		A=3,90			4	0,031	
	0730.501.357	RETAINING RING	1		00.00.0000		A=3,85			4	0,030	
	0730.501.356	RETAINING RING	1		00.00.0000		A=3,80			4	0,031	
	0730.501.355	RETAINING RING	1		00.00.0000		A=3,75			4	0,030	
	0730.501.354	RETAINING RING	1		00.00.0000		A=3,70			4	0,030	
040	---	SHIM	1		00.00.0000		WTB 0730 004 335(2)			3	0,000	
	0730.005.639	SHIM	1		00.00.0000		A=1,60			4	0,025	
	0730.005.640	SHIM	1		00.00.0000		A=1,65			4	0,025	
	0730.005.641	SHIM	1		00.00.0000		A=1,70			4	0,025	
	0730.005.642	SHIM	1		00.00.0000		A=1,75			4	0,029	
	0730.005.643	SHIM	1		00.00.0000		A=1,80			4	0,025	
	0730.004.812	SHIM	1		00.00.0000		A=2,60			4	0,039	
	0730.004.811	SHIM	1		00.00.0000		A=2,55			4	0,040	
	0730.004.810	SHIM	1		00.00.0000		A=2,50			4	0,350	
	0730.004.809	SHIM	1		00.00.0000		A=2,45			4	0,040	
	0730.004.808	SHIM	1		00.00.0000		A=2,40			4	0,036	
	0730.004.807	SHIM	1		00.00.0000		A=2,35			4	0,035	
	0730.004.806	SHIM	1		00.00.0000		A=2,30			4	0,034	
	0730.004.805	SHIM	1		00.00.0000		A=2,25			4	0,033	
	0730.005.644	SHIM	1		00.00.0000		A=1,85			4	0,030	
	0730.005.645	SHIM	1		00.00.0000		A=1,90			4	0,029	
	0730.005.646	SHIM	1		00.00.0000		A=1,95			4	0,030	
	0730.004.800	SHIM	1		00.00.0000		A=2,00			4	0,029	
	0730.004.801	SHIM	1		00.00.0000		A=2,05			4	0,031	
	0730.004.802	SHIM	1		00.00.0000		A=2,10			4	0,030	

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: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.02.03
Material-assembly-group-no: 1304.102.805



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
	0730.004.803	SHIM	1		00.00.0000		A=2,15			4	0,030	
	0730.004.804	SHIM	1		00.00.0000		A=2,20			4	0,035	
080	1304.302.319	CONN.PLATE	1		00.00.0000		ENTHALT.IN 1304 302 315(0)			4	2,988	
090	0750.111.149	SHAFT SEAL	1		00.00.0000		WTB 48X65X10			4	0,025	
100	0501.316.990	GASKET	1	2849A	..	..				4	0,003	
110	---	HEXAGON SCREW	6		00.00.0000		M8X30 ISO4017/8.8 A3C			3	0,000	
	0636.015.321	HEXAGON SCREW	6		00.00.0000		ISO 4017 M 8 X 30			4	0,000	
150	1304.302.169	HELICAL GEAR	1		00.00.0000		1 KONST.			4	1,560	
160	0735.320.816	NEEDLE CAGE	2		00.00.0000		75,0X83,0X23,0 FA.SKF			4	0,113	
170	1304.302.188	CLUTCH BODY	1		00.00.0000					4	0,716	
180	1304.304.680	SYNCHRO.RING	2		00.00.0000					4	0,280	
200	1240.304.272	SLIDING SLEEVE	1		00.00.0000		ENTHALT.IN 1240 304 403(1)			4	0,000	
210	1240.304.278	THRUST PIECE	3		00.00.0000		ZF_B119-167			4	0,000	
220	0732.040.385	COMPR.SPRING	3		00.00.0000					4	0,000	
230	0732.040.386	COMPR.SPRING	3		00.00.0000					4	0,000	
240	1304.302.188	CLUTCH BODY	1		00.00.0000					4	0,716	

VKF Incidence factor

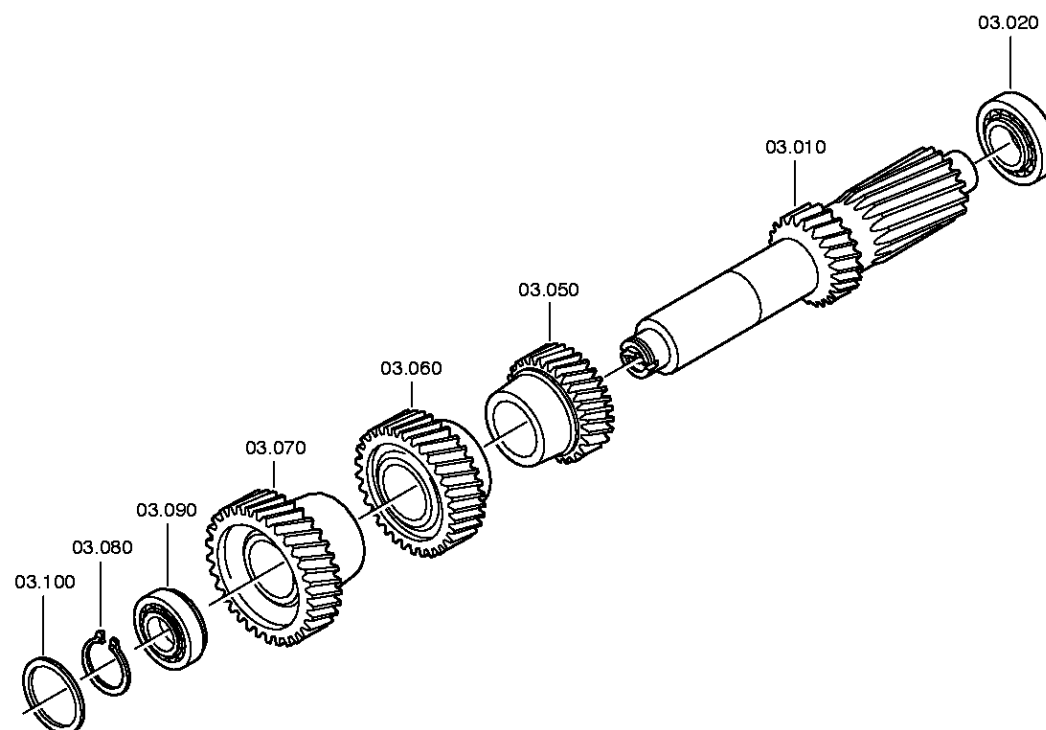
OTK Optional technical kit

ID Identification (output code)

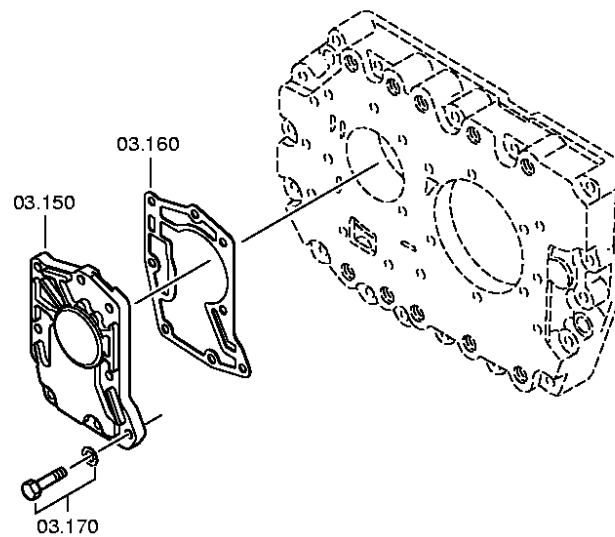
SP Supplier plant

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16 S 109



Parts list
Page 1 from 2

Material number: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.03.05
Material-assembly-group-no: 1304.103.062



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
010	1304.303.277	LAYSHAFT	1		00.00.0000		Z14			4	0,000	
020	0750.117.083	TA.ROLL.BEARING	1		00.00.0000		WTB 50,8X95,2X27,7			4	0,850	
050	1304.303.214	HELICAL GEAR	1		00.00.0000					4	2,904	
060	1304.303.212	HELICAL GEAR	1		00.00.0000		ENTHALT.IN 1304 303 265(1)			4	3,247	
070	1304.303.273	HELICAL GEAR	1		00.00.0000		ENTHALT.IN 1304 303 246(1)			4	3,960	
080	---	RETAINING RING	1		00.00.0000		WTB			3	0,000	
	0630.501.259	RETAINING RING	1		00.00.0000		DIN 471 40X1,65			4	0,000	
	0630.501.031	RETAINING RING	1		00.00.0000		DIN 471 40X1,75			4	0,000	
	0630.501.300	RETAINING RING	1		00.00.0000		DIN 471 40X1,8			4	0,000	
	0630.501.301	RETAINING RING	1		00.00.0000		DIN 471 40X1,9			4	0,000	
	0630.531.049	RETAINING RING	1		00.00.0000		DIN 471 40X2			4	0,000	
	0630.501.135	RETAINING RING	1		00.00.0000		DIN 471 40X2,1			4	0,000	
	0630.531.316	RETAINING RING	1		00.00.0000		DIN 471 40X2,2			4	0,000	
	0630.531.315	RETAINING RING	1		00.00.0000		DIN 471 40X2,3			4	0,000	
	0630.531.314	RETAINING RING	1		00.00.0000		DIN 471 40X2,4			4	0,000	
	0630.501.287	RETAINING RING	1		00.00.0000		DIN 471 40X2,45			4	0,000	
	0630.531.050	RETAINING RING	1		00.00.0000		DIN 471 40X2,5			4	0,000	
090	0735.371.749	TA.ROLL.BEARING	1	73327	..	..	40,0X80,0X32,0 FA. TIMKEN			4	0,000	
100	---	SHIM	1		00.00.0000		WTB 0730 004 595(1)			3	0,000	
	0730.004.790	SHIM	1		00.00.0000		A=2,60			4	0,021	
	0730.004.789	SHIM	1		00.00.0000		A=2,55			4	0,021	
	0730.004.788	SHIM	1		00.00.0000		A=2,50			4	0,022	
	0730.004.787	SHIM	1		00.00.0000		A=2,45			4	0,020	
	0730.001.795	SHIM	1		00.00.0000		A=2,40			4	0,000	
	0730.003.417	SHIM	1		00.00.0000		A=2,35			4	0,019	
	0730.001.796	SHIM	1		00.00.0000		A=2,30			4	0,000	
	0730.003.416	SHIM	1		00.00.0000		A=2,25			4	0,019	
	0730.001.797	SHIM	1		00.00.0000		A=2,20			4	0,000	
	0730.003.415	SHIM	1		00.00.0000		A=2,15			4	0,018	
	0730.001.798	SHIM	1		00.00.0000		A=2,10			4	0,000	
	0730.003.414	SHIM	1		00.00.0000		A=2,05			4	0,018	
	0730.001.799	SHIM	1		00.00.0000		A=2,00			4	0,000	
	0730.004.786	SHIM	1		00.00.0000		A=1,95			4	0,017	
	0730.004.785	SHIM	1		00.00.0000		A=1,90			4	0,016	

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: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.03.05
Material-assembly-group-no: 1304.103.062



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
	0730.004.799	SHIM	1		00.00.0000		A=3,10			4	0,000	
	0730.004.798	SHIM	1		00.00.0000		A=3,05			4	0,024	
	0730.003.418	SHIM	1		00.00.0000		A=3,00			4	0,000	
	0730.004.797	SHIM	1		00.00.0000		A=2,95			4	0,023	
	0730.004.796	SHIM	1		00.00.0000		A=2,90			4	0,000	
	0730.004.795	SHIM	1		00.00.0000		A=2,85			4	0,023	
	0730.004.794	SHIM	1		00.00.0000		A=2,80			4	0,022	
	0730.004.793	SHIM	1		00.00.0000		A=2,75			4	0,022	
	0730.004.792	SHIM	1		00.00.0000		A=2,70			4	0,022	
	0730.004.791	SHIM	1		00.00.0000		A=2,65			4	0,022	
150	0501.004.549	PUMP	1	58839	..	..				4	1,080	
160	1304.303.297	GASKET	1	50477	..	..				4	0,003	
170	---	HEXAGON SCREW	8		00.00.0000		M8X30 ISO4017/8.8 A3C			3	0,000	
	0630.302.090	SPRING WASHER	8		00.00.0000		DIN 137 ALT B 8 NOR			4	0,000	
	0636.015.321	HEXAGON SCREW	8		00.00.0000		ISO 4017 M 8 X 30			4	0,000	

VKF Incidence factor

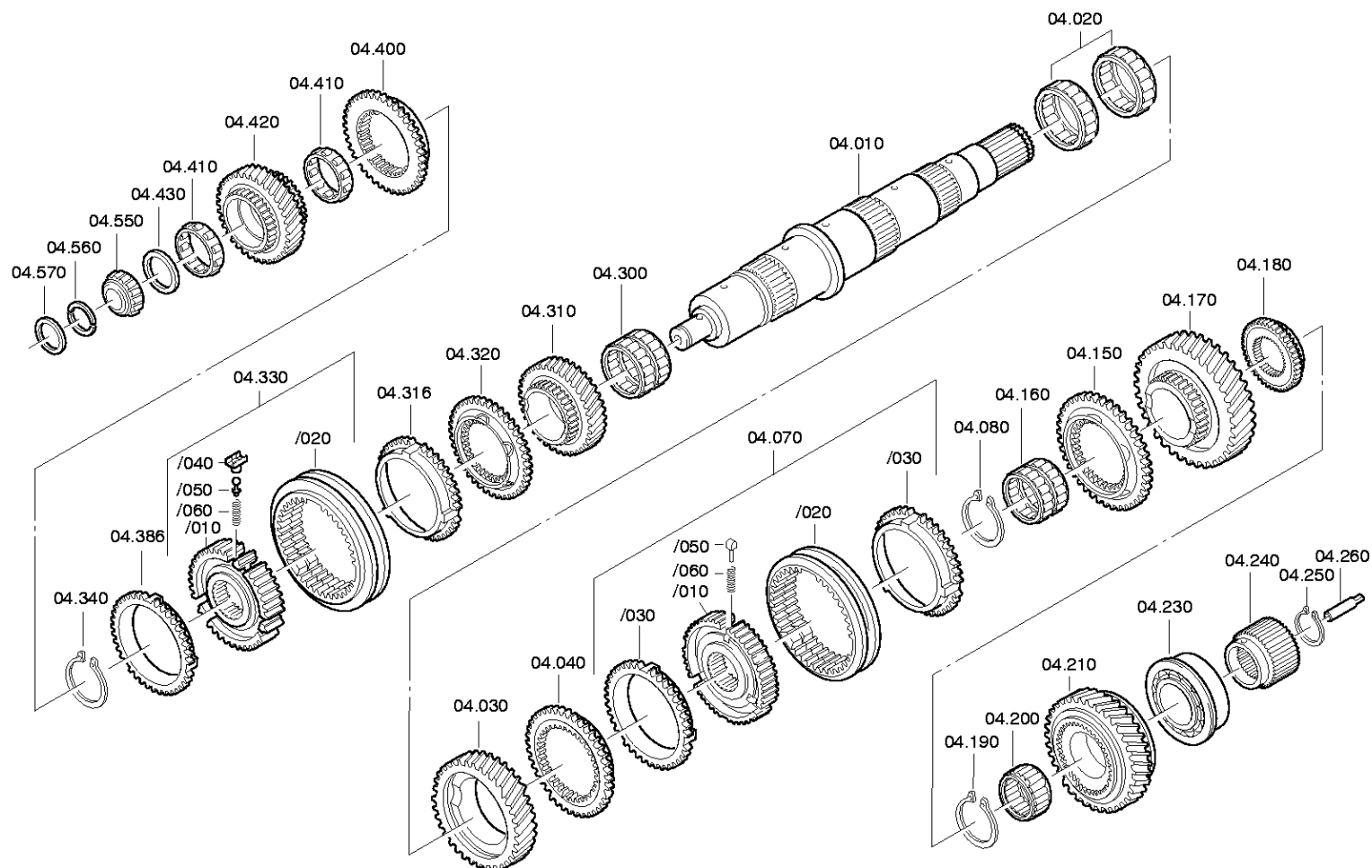
OTK Optional technical kit

ID Identification (output code)

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16 S 109

Parts list
Page 1 from 3

Material number: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.04.05
Material-assembly-group-no: 1304.104.120



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
010	1304.304.630	MAIN SHAFT	1		00.00.0000					4	10,134	
020	0735.320.816	NEEDLE CAGE	2		00.00.0000		75,0X83,0X23,0 FA.SKF			4	0,113	
030	1304.304.497	HELICAL GEAR	1		00.00.0000		Z32/2G IN 1304 304 508(1)			4	4,705	
040	1304.304.408	CLUTCH BODY	1		00.00.0000					4	0,755	
070	1304.204.049	SYNCHRONIZER	1	59551	..	..	KPL.1+2G			3	0,000	
/010	1304.304.653	SYNCHRO.BODY	1		00.00.0000		1+2G			4	1,655	
/020	1304.304.597	SLIDING SLEEVE	1		00.00.0000		ENTHALT.IN 1304 304 596(1)			4	0,707	
/030	1304.304.681	SYNCHRO.RING	2	3969B	..	..				4	0,244	
/050	1297.304.436	THRUST PIECE	3		00.00.0000		IN 1268 304 509(2)			4	0,004	
/060	0732.040.409	COMPR.SPRING	3		00.00.0000					4	0,000	
080	---	RETAINING RING	1		00.00.0000		WTB			3	0,000	
	0630.501.046	RETAINING RING	1		00.00.0000		DIN 471 70X2,5			4	0,000	
	0630.501.072	RETAINING RING	1		00.00.0000		DIN 471 70X2,6			4	0,000	
	0630.501.071	RETAINING RING	1		00.00.0000		DIN 471 70X2,7			4	0,000	
150	1304.304.408	CLUTCH BODY	1		00.00.0000					4	0,755	
160	0750.115.224	NEEDLE CAGE	1		00.00.0000		WTB 70,0X78,0X50,0			4	0,255	
170	1304.304.549	HELICAL GEAR	1		00.00.0000		1G/Z37 IN 1304 304 357(1)			4	7,723	
180	1304.304.007	CLUTCH BODY	1		00.00.0000		RG			4	0,435	
190	---	RETAINING RING	1		00.00.0000		WTB			3	0,000	
	0630.531.141	RETAINING RING	1		00.00.0000		DIN 471 60X2,5			4	0,000	
	0630.501.067	RETAINING RING	1		00.00.0000		DIN 471 60X2,4			4	0,000	
	0630.501.195	RETAINING RING	1		00.00.0000		DIN 471 60X2,8			4	0,000	
	0630.501.197	RETAINING RING	1		00.00.0000		DIN 471 60X2,6			4	0,000	
	0630.501.194	RETAINING RING	1		00.00.0000		DIN 471 60X2,7			4	0,000	
200	0750.115.225	NEEDLE CAGE	1		00.00.0000		WTB 60,0X68,0X39,0			4	0,171	
210	1304.304.671	SPUR GEAR	1	67649	..	..	Z35			4	4,390	
230	0735.371.605	TA.ROLL.BEARING	1	67649	..	..	50,8X104,7X30,1 FA.NTN			4	1,304	
240	1304.304.608	SUN GEAR	1		00.00.0000		Z30			4	0,669	
250	---	RETAINING RING	1		00.00.0000		WTB 0730 501 288(3)			3	0,000	
	0730.501.289	RETAINING RING	1		00.00.0000		A=2,50			4	0,010	
	0730.501.296	RETAINING RING	1		00.00.0000		A=2,85			4	0,012	
	0730.501.297	RETAINING RING	1		00.00.0000		A=2,90			4	0,012	
	0630.531.293	RETAINING RING	1		00.00.0000		DIN 471 45X2,4			4	0,000	
	0730.501.290	RETAINING RING	1		00.00.0000		A=2,55			4	0,010	

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: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.04.05
Material-assembly-group-no: 1304.104.120



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
	0730.501.295	RETAINING RING	1		00.00.0000		A=2,80			4	0,012	
	0730.501.294	RETAINING RING	1		00.00.0000		A=2,75			4	0,012	
	0730.501.291	RETAINING RING	1		00.00.0000		A=2,60			4	0,011	
	0730.501.292	RETAINING RING	1		00.00.0000		A=2,65			4	0,011	
	0730.501.293	RETAINING RING	1		00.00.0000		A=2,70			4	0,011	
	0630.531.058	RETAINING RING	1		00.00.0000		DIN 471 45X3			4	0,000	
	0730.501.496	RETAINING RING	1		00.00.0000		A=3,20			4	0,015	
	0730.501.497	RETAINING RING	1		00.00.0000		A=3,30			4	0,015	
	0730.501.498	RETAINING RING	1		00.00.0000		A=3,40			4	0,015	
	0730.501.495	RETAINING RING	1		00.00.0000		A=3,10			4	0,015	
	0730.501.499	RETAINING RING	1		00.00.0000		A=3,50			4	0,015	
260	1324.304.014	PIPE	1		00.00.0000		E21 IN 1312 304 149(2)			4	0,000	
300	0735.320.816	NEEDLE CAGE	2		00.00.0000		75,0X83,0X23,0 FA.SKF			4	0,113	
310	1304.304.475	HELICAL GEAR	1		00.00.0000					4	3,194	
316	1304.304.683	SYNCHRO.RING	1	77271	..	..				4	0,245	
320	1304.304.012	CLUTCH BODY	1		00.00.0000		3+4G IN 1304 304 059(1)			4	0,000	
330	1304.204.050	SYNCHRONIZER	1	59551	..	..	KPL.3+4G			3	2	
/010	1304.304.515	SYNCHRO.BODY	1		00.00.0000		3+4G			4	1,185	
/020	1304.304.688	SLIDING SLEEVE	1	3606A	..	..				4	0,811	
/040	1238.304.394	THRUST PIECE	3		00.00.0000					4	0,000	
/050	1249.304.222	BALL PIN	3		00.00.0000					4	0,000	
/060	0732.040.409	COMPR.SPRING	3		00.00.0000					4	0,000	
340	---	RETAINING RING	1		00.00.0000		WTB			3	0,000	
	0630.501.154	RETAINING RING	1		00.00.0000		DIN 471 65X2,2			4	0,000	
	0730.501.577	RETAINING RING	1	0575A	..	..	A=2,30			4	0,018	
	0630.501.155	RETAINING RING	1		00.00.0000		DIN 471 65X2,1			4	0,000	
	0630.531.079	RETAINING RING	1		00.00.0000		DIN 471 65X2			4	0,000	
	0730.501.239	RETAINING RING	1	0567A	..	..	A=2,70			4	0,021	
	0630.501.044	RETAINING RING	1		00.00.0000		DIN 471 65X2,5			4	0,000	
	0730.501.237	RETAINING RING	1	0574A	..	..	A=2,60			4	0,021	
	0730.501.233	RETAINING RING	1	0577A	..	..	A=2,40			4	0,019	
386	1304.304.683	SYNCHRO.RING	1	77271	..	..				4	0,245	
400	1304.304.012	CLUTCH BODY	1		00.00.0000		3+4G IN 1304 304 059(1)			4	0,000	
410	0750.115.299	ROLLER CAGE	2		00.00.0000		WTB 59,5X81,5X22,0			4	0,229	

VKF Incidence factor

OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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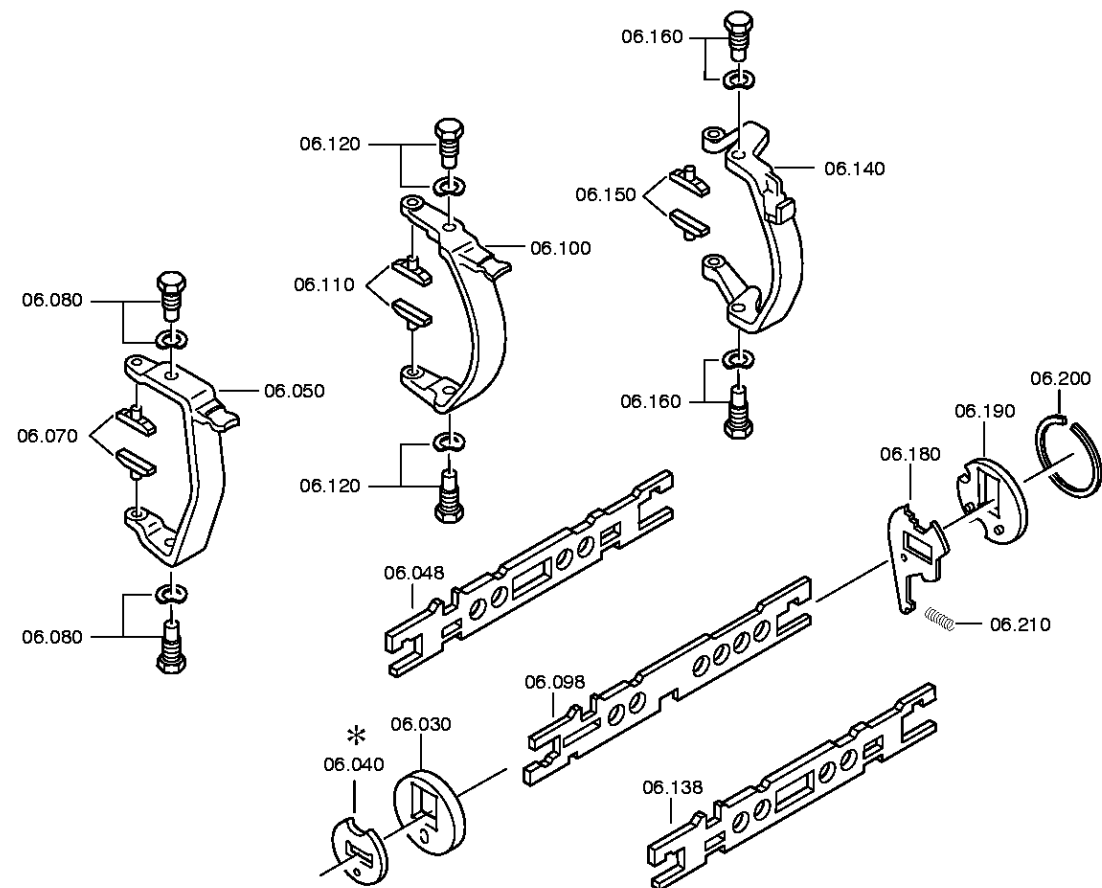
Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
420	1304.304.516	HELICAL GEAR	1		00.00.0000		ENTHALT.IN 1304 304 567(1)			4	2,702	
430	0501.314.139	THRUST WASHER	1		00.00.0000					4	0,118	
550	0735.371.406	TA.ROLL.BEARING	1		00.00.0000		32,0X33,0 FA.SKF			4	0,417	
560	---	SPLIT RING	1	65109	..	..	WTB 0730 109 530(2)			3	0,000	
	6085.201.048	SPLIT RING	1		00.00.0000		KPL.A=3,40			4	0,000	
	6085.201.055	SPLIT RING	1		00.00.0000		KPL.A=3,80			4	0,000	
	6085.201.057	SPLIT RING	1		00.00.0000		KPL.A=4,00			4	0,022	
	6085.201.050	SPLIT RING	1		00.00.0000		KPL.A=3,50			4	0,020	
	6085.201.052	SPLIT RING	1		00.00.0000		KPL.A=3,60			4	0,000	
	6085.201.056	SPLIT RING	1		00.00.0000		KPL.A=3,90			4	0,000	
	6085.201.054	SPLIT RING	1		00.00.0000		KPL.A=3,70			4	0,000	
570	0730.063.154	RETAINING RING	1		00.00.0000		A=3,40			4	0,004	

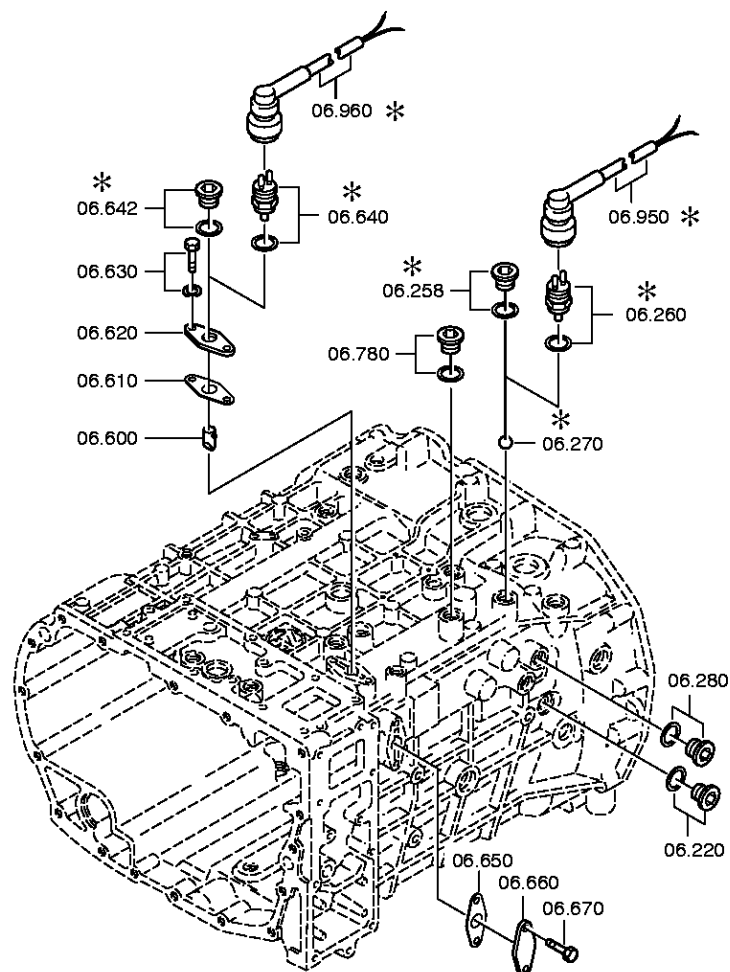
VKF Incidence factor

OTK Optional technical kit

ID Identification (output code)

SP Supplier plant





Parts list
Page 1 from 2

Material number: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.06.22
Material-assembly-group-no: 1304.106.123



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
030	1304.306.089	BEARING PLATE	1		00.00.0000					4	0,297	
040	1304.306.022	LOCKING PIECE	1		00.00.0000					4	0,105	
048	1304.306.054	GEAR SHIFT RAIL	1		00.00.0000					4	0,860	
050	1304.306.010	GEAR SHIFT FORK	1		00.00.0000		3+4G			4	0,768	
070	1290.306.066	SLIDING PAD	2		00.00.0000		IN 1290 306 194(2)			4	0,000	
080	---	ARTICULAT.BOLT	2		00.00.0000		M18X1,5 SK6			3	0,000	
	0730.300.093	SPRING WASHER	2		00.00.0000					4	0,003	
	1304.306.108	ARTICULAT.BOLT	2		00.00.0000		M18X1,5			4	0,095	
098	1304.306.055	GEAR SHIFT RAIL	1		00.00.0000					4	0,889	
100	1304.306.009	GEAR SHIFT FORK	1		00.00.0000		1+2G			4	0,817	
110	1290.306.066	SLIDING PAD	2		00.00.0000		IN 1290 306 194(2)			4	0,000	
120	---	ARTICULAT.BOLT	2		00.00.0000		M18X1,5 SK6			3	0,000	
	0730.300.093	SPRING WASHER	2		00.00.0000					4	0,003	
	1304.306.108	ARTICULAT.BOLT	2		00.00.0000		M18X1,5			4	0,095	
138	1304.306.054	GEAR SHIFT RAIL	1		00.00.0000					4	0,860	
140	1304.306.011	GEAR SHIFT FORK	1		00.00.0000		RG			4	0,693	
150	1290.306.066	SLIDING PAD	2		00.00.0000		IN 1290 306 194(2)			4	0,000	
160	---	ARTICULAT.BOLT	2		00.00.0000		M18X1,5 SK6			3	0,000	
	0730.300.093	SPRING WASHER	2		00.00.0000					4	0,003	
	1304.306.108	ARTICULAT.BOLT	2		00.00.0000		M18X1,5			4	0,095	
180	1304.306.140	LOCKING LEVER	1		00.00.0000		9/16S-109			4	0,112	
190	1304.306.090	BEARING PLATE	1		00.00.0000		9/16 S 90 HINTEN WAAGRECHT			4	0,349	
200	0730.514.017	SNAP RING	1		00.00.0000					4	0,000	
210	0732.041.374	COMPR.SPRING	1		00.00.0000					4	0,002	
220	---	SCREW PLUG	1		00.00.0000		M14X1,5 * 35N.M* DICHRING			3	0,000	
	0730.008.057	SEALING RING	1	0091C	..	..	A=1,50			4	0,002	
	0636.302.068	SCREW PLUG	1		00.00.0000		DIN 908 M 14X1,5			4	0,000	
260	---	SWITCH	1		00.00.0000		OEFF*45N.M*DICHTRING			3	0,093	
	0501.210.059	SWITCH	1		00.00.0000					4	0,087	
	0634.801.062	SEALING RING	1		00.00.0000		DIN 7603 A 18 X 24			4	0,000	
270	0635.460.024	BALL	1		00.00.0000		DIN 5401 13 G20			4	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: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.06.22
Material-assembly-group-no: 1304.106.123



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
280	---	SCREW PLUG	1		00.00.0000		M18X1,5 * 35N.M* DICHRING			3	0,030	
	0636.302.021	SCREW PLUG	1		00.00.0000		DIN 908 M 18X1,5			4	0,000	
	0634.801.062	SEALING RING	1	57730	..	..	DIN 7603 A 18 X 24			4	0,000	
600	1304.207.002	PIN	1		00.00.0000		KPL.			4	0,046	
610	1268.307.170	GASKET	1		00.00.0000		ENTHALT.IN 1290 306 272(2)			4	0,001	
620	1304.307.083	PLATE	1		00.00.0000		ENTHALT.IN 1304 307 082(2)			4	0,042	
630	---	HEXAGON SCREW	2		00.00.0000		M8X28 ISO4017/8.8 A3C			3	0,002	
	0636.015.411	HEXAGON SCREW	2		00.00.0000		ISO 4017 M 8 X 28			4	0,000	
	0630.302.090	SPRING WASHER	2		00.00.0000		DIN 137 ALT B 8 NOR			4	0,000	
640	---	SWITCH	1		00.00.0000		OEFF*45N.M*DICHTRING			3	0,093	
	0501.210.059	SWITCH	1		00.00.0000					4	0,087	
	0634.801.062	SEALING RING	1		00.00.0000		DIN 7603 A 18 X 24			4	0,000	
650	1268.307.170	GASKET	1		00.00.0000		ENTHALT.IN 1290 306 272(2)			4	0,001	
660	1295.307.390	PLATE	1		00.00.0000		ENTHALT.IN 1295 307 389(3)			4	0,070	
670	---	HEXAGON SCREW	2		00.00.0000		M8X20 ISO4017/8.8 A3C			3	0,000	
	0636.015.299	HEXAGON SCREW	2		00.00.0000		ISO 4017 M 8 X 20			4	0,000	
780	---	SCREW PLUG	1		00.00.0000		M18X1,5 * 35N.M* DICHRING			3	0,030	
	0634.801.062	SEALING RING	1	57730	..	..	DIN 7603 A 18 X 24			4	0,000	
	0636.302.021	SCREW PLUG	1		00.00.0000		DIN 908 M 18X1,5			4	0,000	
950	6029.199.088	PLUG KIT	1		00.00.0000		4POL BU DINBA AMP GE			4	0,025	

VKF Incidence factor

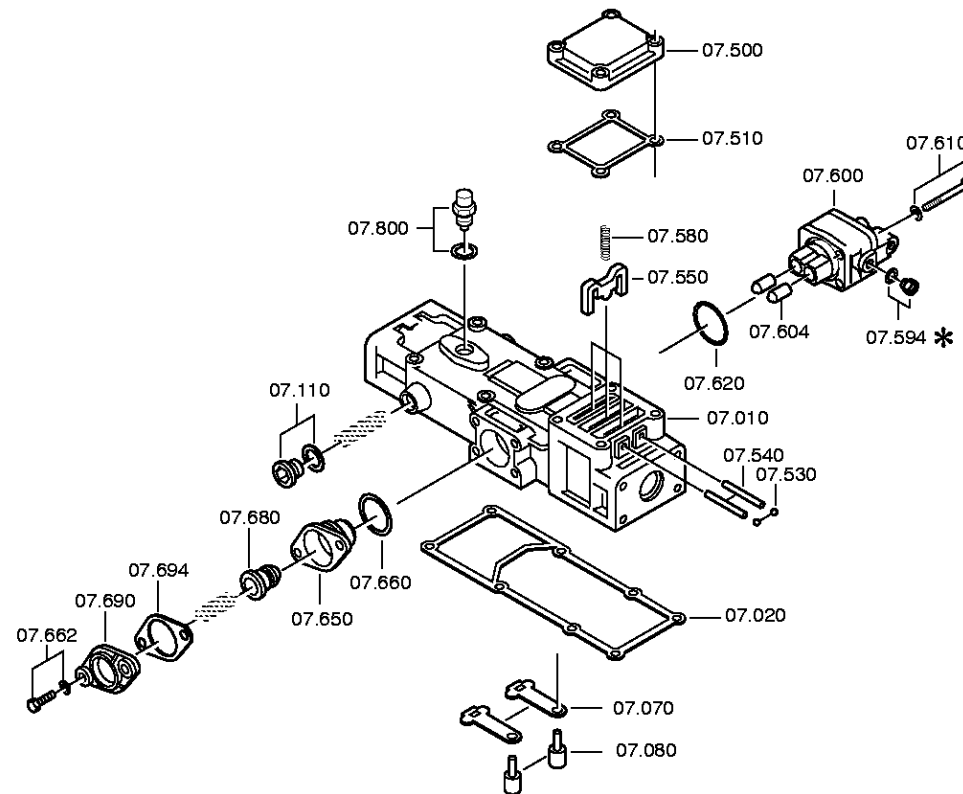
OTK Optional technical kit

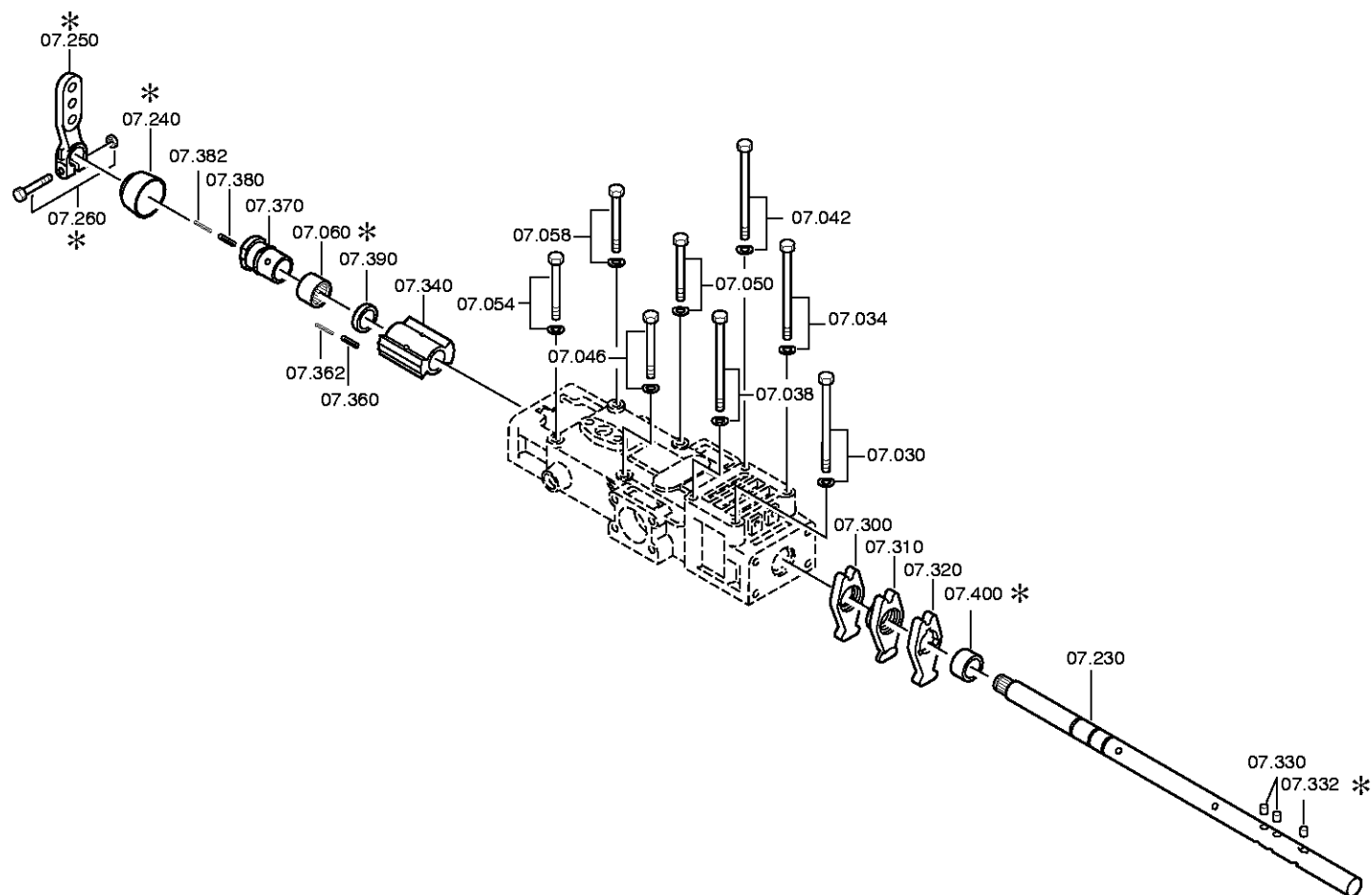
ID Identification (output code)

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
010	1304.307.385	G.SHIFT HOUSING	1		00.00.0000		ENTHALT.IN 1304 307 417(0)			4	2,300	
020	1304.307.338	GASKET	1		00.00.0000					4	0,005	
030	---	HEXAGON SCREW	1		00.00.0000		M8X125 ISO4014/8.8 A3C			3	0,000	
	0636.010.620	HEXAGON SCREW	1		00.00.0000		ISO 4014 M 8 X125			4	0,000	
	0630.302.090	SPRING WASHER	1		00.00.0000		DIN 137 ALT B 8 NOR			4	0,000	
034	---	HEXAGON SCREW	1		00.00.0000		M8X125 ISO4014/8.8 A3C			3	0,000	
	0636.010.620	HEXAGON SCREW	1		00.00.0000		ISO 4014 M 8 X125			4	0,000	
	0630.302.090	SPRING WASHER	1		00.00.0000		DIN 137 ALT B 8 NOR			4	0,000	
038	---	HEXAGON SCREW	1		00.00.0000		M8X105 ISO4014/8.8 A3C			3	0,000	
	0636.010.634	HEXAGON SCREW	1		00.00.0000		ISO 4014 M 8 X105			4	0,000	
	0630.302.090	SPRING WASHER	1		00.00.0000		DIN 137 ALT B 8 NOR			4	0,000	
042	---	HEXAGON SCREW	1		00.00.0000		M8X125 ISO4014/8.8 A3C			3	0,000	
	0630.302.090	SPRING WASHER	1		00.00.0000		DIN 137 ALT B 8 NOR			4	0,000	
	0636.010.620	HEXAGON SCREW	1		00.00.0000		ISO 4014 M 8 X125			4	0,000	
046	---	HEXAGON SCREW	1		00.00.0000		M8X75 ISO4014/8.8 A3C			3	0,000	
	0630.302.090	SPRING WASHER	1		00.00.0000		DIN 137 ALT B 8 NOR			4	0,000	
	0636.010.540	HEXAGON SCREW	1		00.00.0000		ISO 4014 M 8 X 75			4	0,000	
050	---	HEXAGON SCREW	1		00.00.0000		M8X75 ISO4014/8.8 A3C			3	0,000	
	0636.010.540	HEXAGON SCREW	1		00.00.0000		ISO 4014 M 8 X 75			4	0,000	
	0630.302.090	SPRING WASHER	1		00.00.0000		DIN 137 ALT B 8 NOR			4	0,000	
054	---	HEXAGON SCREW	1		00.00.0000		M8X75 ISO4014/8.8 A3C			3	0,000	
	0636.010.540	HEXAGON SCREW	1		00.00.0000		ISO 4014 M 8 X 75			4	0,000	
	0630.302.090	SPRING WASHER	1		00.00.0000		DIN 137 ALT B 8 NOR			4	0,000	
058	---	HEXAGON SCREW	1		00.00.0000		M8X75 ISO4014/8.8 A3C			3	0,000	
	0636.010.540	HEXAGON SCREW	1		00.00.0000		ISO 4014 M 8 X 75			4	0,000	
	0630.302.090	SPRING WASHER	1		00.00.0000		DIN 137 ALT B 8 NOR			4	0,000	
060	0635.303.053	NEEDLE SLEEVE	1		00.00.0000		FA. INA HK 2520 2			4	0,000	
070	1304.307.019	DETENT LEVER	2		00.00.0000					4	0,025	
080	1304.307.336	PIN	4		00.00.0000		ENTHALT.IN 1304 307 334(3)			4	0,025	
110	---	SCREW PLUG	2		00.00.0000		M18X1,5 * 35N.M* DICHTRING			3	0,030	
	0634.801.062	SEALING RING	2	57730	..	..	DIN 7603 A 18 X 24			4	0,000	
	0636.302.021	SCREW PLUG	2		00.00.0000		DIN 908 M 18X1,5			4	0,000	
230	1304.307.267	G.SHIFT SHAFT	1		00.00.0000		ENTHALT.IN 1304 307 408(1)			4	1,800	

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
240	1238.307.411	PROTECTING CAP	1		00.00.0000		ENTHALT.IN 1304 307 093(2)			4	0,040	
300	1304.307.258	DRIVER	1		00.00.0000					4	0,168	
310	1304.307.259	DRIVER	1		00.00.0000					4	0,157	
320	1304.307.260	DRIVER	1		00.00.0000					4	0,151	
330	0735.470.126	ROLLER	6		00.00.0000		8,0X8,0 FA.INA			4	0,002	
340	1304.307.442	DETENT PART	1	2848A	..	..	ENTHALT.IN 1304 307 441(1)			4	0,447	
360	0631.329.071	SLOT.PIN	1		00.00.0000		DIN 1481 ALT 6 X 36 AU			4	0,000	
362	0631.329.029	SLOT.PIN	1		00.00.0000		DIN 1481 ALT 3,5X 36 AU			4	0,000	
370	1304.307.255	DETENT BUSH	1		00.00.0000		ENTHALT.IN 1308 307 009(2)			4	0,084	
380	0631.329.069	SLOT.PIN	1		00.00.0000		ISO 8752 6 X 30			4	0,000	
382	0631.329.027	SLOT.PIN	1		00.00.0000		ISO 8752 3,5X 28			4	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)			4	0,145	
	1304.307.321	DETENT COVER	1		00.00.0000		ENTHALT.IN 1304 307 320(1)			4	0,000	
510	1304.307.437	GASKET	1		00.00.0000					4	0,001	
530	0635.460.034	BALL	2		00.00.0000		DIN 5401 6,350 G20			4	0,000	
540	0631.306.849	CYLINDRICAL PIN	2		00.00.0000		ZFN 6 6 M 6X 60			4	0,000	
550	1304.307.339	G.SHIFT DETENT	3		00.00.0000					4	0,223	
580	0732.042.471	COMPR.SPRING	3		00.00.0000					4	0,005	
600	6038.202.045	CUT-OFF VALVE	1	6472C	..	..	KPL.H-H*ABLUFTDROSSEL 2,50			4	0,442	
604	0501.209.188	BALL ROLLER	2		00.00.0000		KPL.			4	0,046	
610	---	HEXAGON SCREW	4		00.00.0000		M8X65 ISO4014/8.8 A3C			3	0,000	
	0630.001.075	WASHER	4		00.00.0000		DIN 125 ALT 8,4			4	0,000	
	0636.010.575	HEXAGON SCREW	4		00.00.0000		ISO 4014 M 8 X 65			4	0,000	
620	0634.313.505	O-RING	1		00.00.0000		ZFN 744 42 X 3			4	0,000	
650	---	INSERT	1		00.00.0000		WTB			3	0,000	
	1304.307.315	INSERT	1		00.00.0000					4	0,060	
	1304.307.194	INSERT	1		00.00.0000		IN 1304 307 317(2)			4	0,062	
660	0634.314.021	O-RING	1		00.00.0000		ZFN 744 36,2 X 3			4	0,000	
662	---	HEXAGON SCREW	2		00.00.0000		M8X30 ISO4017/8.8 A3C			3	0,000	
	0630.302.090	SPRING WASHER	2		00.00.0000		DIN 137 ALT B 8 NOR			4	0,000	
	0636.015.321	HEXAGON SCREW	2		00.00.0000		ISO 4017 M 8 X 30			4	0,000	
680	0750.115.335	BALL ROLLER	1		00.00.0000		WTB			4	0,034	

VKF Incidence factor

OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

Parts list

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Material number: 1304.050.443 16 S 109 / OTOSAN
 Plant: 062.07.08
 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
690	1304.307.331	COVER	1		00.00.0000		ENTHALT.IN 1304 307 329(2)			4	0,050	
694	1304.307.277	GASKET	1		00.00.0000		ENTHALT.IN 1304 307 276(3)			4	0,001	
800	---	DETENT PLUNGER	1		00.00.0000		60N*50N.M*60GRAD			3	0,000	
	1304.207.016	DETENT PLUNGER	1	54991	..	..	KPL. IN 1304 207 015(1)			4	0,065	
	0634.801.332	SEALING RING	1	79020	..	..	DIN 7603 A 16 X 22			4	0,000	

VKF Incidence factor

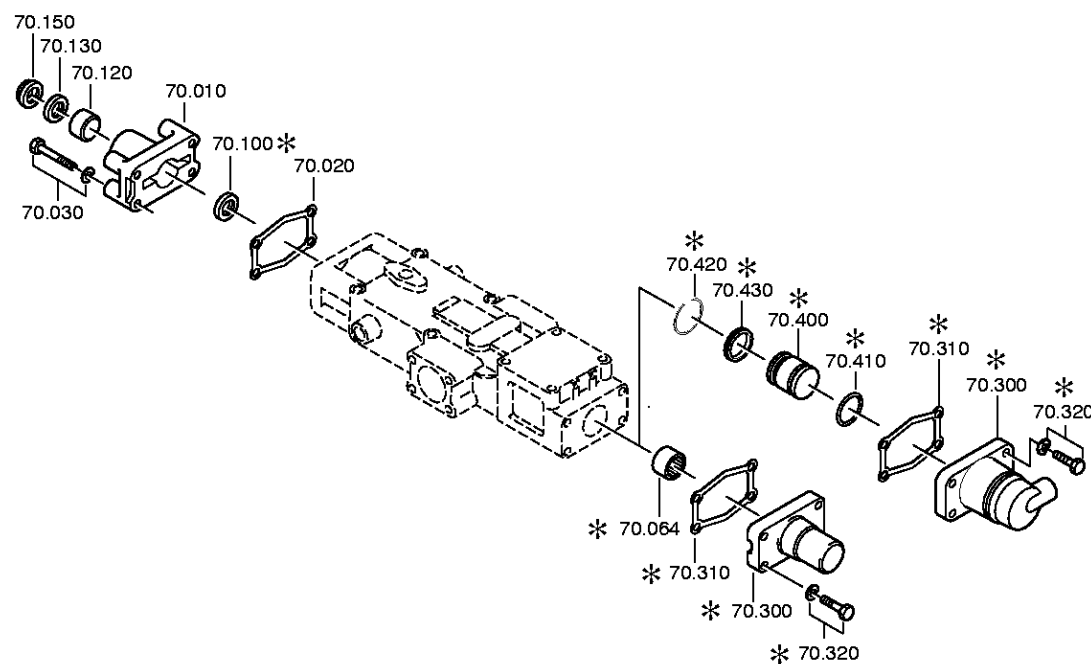
OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Parts list
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Material number: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.08.02
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
010	---	G.SHIFT COVER	1		00.00.0000		WTB			3	0,000	
	1304.307.158	G.SHIFT COVER	1		00.00.0000					4	0,320	
	1304.307.042	G.SHIFT COVER	1		00.00.0000					4	0,243	
020	0501.318.308	GASKET	1	4991B	..	..				4	0,008	
030	---	HEXAGON SCREW	4		00.00.0000		M8X50 ISO4017/8.8 A3C			3	0,000	
	0630.302.090	SPRING WASHER	4		00.00.0000		DIN 137 ALT B 8 NOR			4	0,000	
	0636.015.393	HEXAGON SCREW	4		00.00.0000		ISO 4017 M 8 X 50			4	0,000	
064	0635.303.053	NEEDLE SLEEVE	1		00.00.0000		FA. INA HK 2520 2			4	0,000	
120	0730.260.330	BEARING BUSH	1		00.00.0000		A=20,00			4	0,050	
130	0634.300.302	SHAFT SEAL	1		00.00.0000		ZFN 132 25 X 35X 7 B			4	0,000	
150	0634.307.367	ROD WIPER	1		00.00.0000		FA. CFW AS 25X 35X 7 X			4	0,000	
300	1304.307.375	COVER	1		00.00.0000		IN 1324 307 050(1)			4	0,225	
310	0501.318.308	GASKET	1	4991B	..	..				4	0,008	
320	---	HEXAGON SCREW	4		00.00.0000		M8X30 ISO4017/8.8 A3C			3	0,000	
	0636.015.321	HEXAGON SCREW	4		00.00.0000		ISO 4017 M 8 X 30			4	0,000	
	0630.302.090	SPRING WASHER	4		00.00.0000		DIN 137 ALT B 8 NOR			4	0,000	

VKF Incidence factor

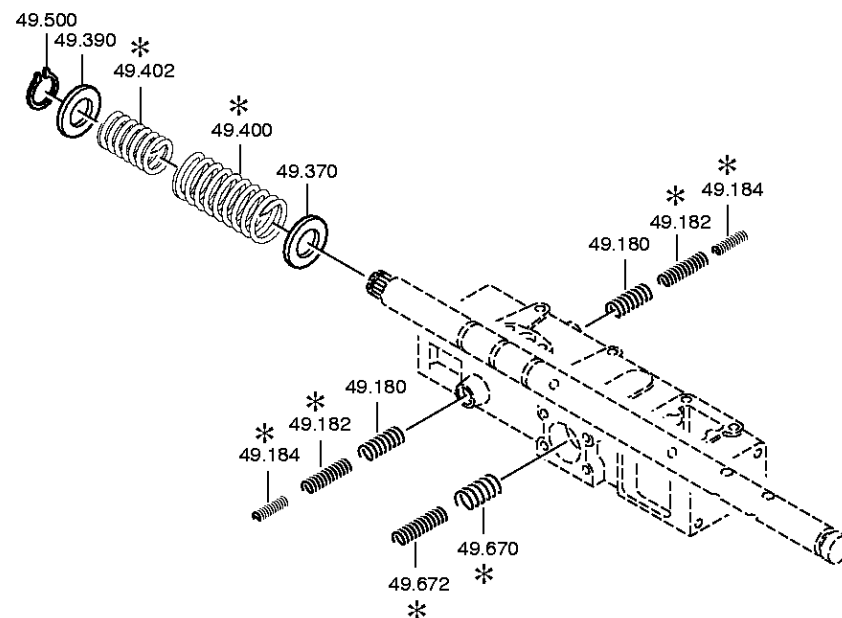
OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Parts list

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Material number: 1304.050.443 16 S 109 / OTOSAN
 Plant: 062.12.02
 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	COMPR.SPRING	2		00.00.0000					4	0,002	
370	0730.003.740	WASHER	1		00.00.0000		A=2,00			4	0,000	
390	0730.003.740	WASHER	1		00.00.0000		A=2,00			4	0,000	
400	0732.040.237	COMPR.SPRING	1		00.00.0000					4	0,000	
402	0732.041.011	COMPR.SPRING	1		00.00.0000					4	0,011	
500	0630.501.248	RETAINING RING	1		00.00.0000		FA. ORBIS 25X2 AS25-0			4	0,000	
672	0732.040.819	COMPR.SPRING	1		00.00.0000					4	0,010	

VKF Incidence factor

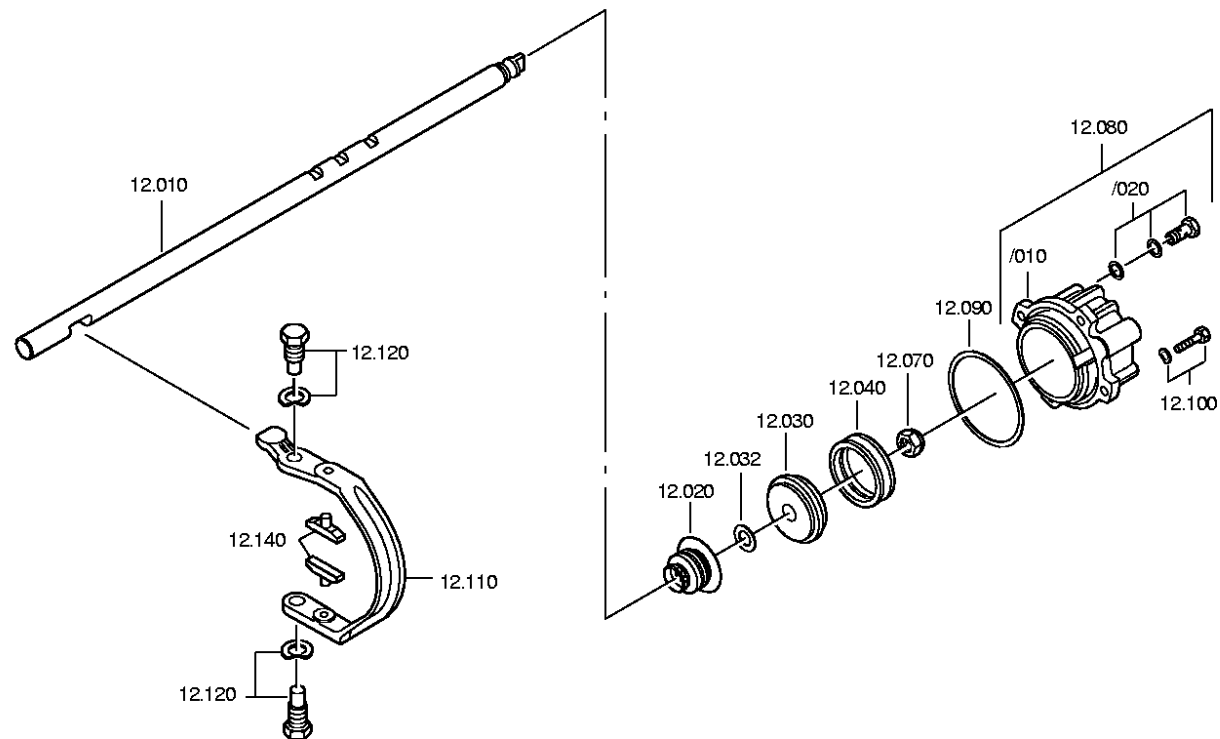
OTK Optional technical kit

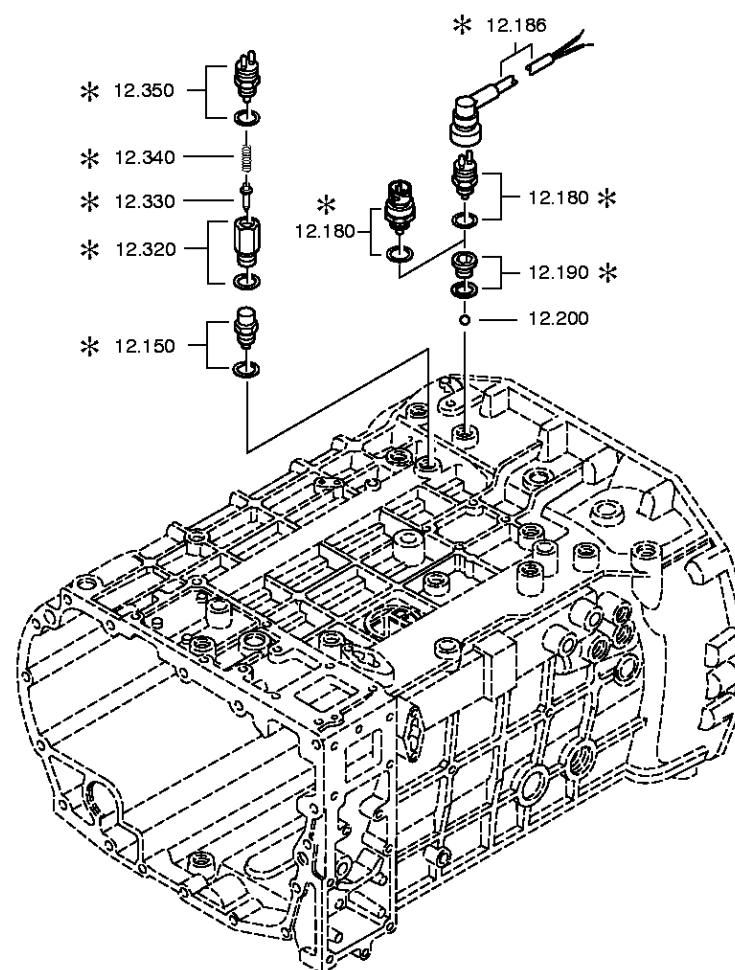
ID Identification (output code)

SP Supplier plant

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Parts list
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Material number: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.40.01
Material-assembly-group-no: 1304.112.006



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
010	1304.312.005	GEAR SHIFT RAIL	1	44915	..	..				4	1,837	
020	0750.112.047	FLANGE PACKING	1		00.00.0000		WTB 22X36X14,5			4	0,023	
030	1296.312.053	PISTON	1		00.00.0000		ENTHALT.IN 1296 312 008(1)			4	0,000	
032	---	SHIM	1	43903	..	..	WTB 0730 107 540(3)			3	0,000	
	0730.107.543	SHIM	1		00.00.0000		A=2,10			4	0,000	
	0730.107.542	SHIM	1		00.00.0000		A=1,80			4	0,000	
	0730.107.541	SHIM	1		00.00.0000		A=1,50			4	0,000	
	0730.107.544	SHIM	1		00.00.0000		A=2,40			4	0,000	
	0730.107.545	SHIM	1		00.00.0000		A=2,70			4	0,000	
040	0750.112.089	DOUB.U-PACKING	1	44915	..	..	WTB 53X63X16,2			4	0,000	
070	---	LOCKING NUT	1	60639	..	..	M16X1,5 ZFN99			3	0,000	
	0737.006.095	LOCKING NUT	1		00.00.0000		MS16X1,5			4	0,023	
080	1304.212.005	CYLINDER	1	44915	..	..	KPL.			3	0,435	
/010	1304.334.038	CYLINDER	1		00.00.0000					4	0,490	
/020	---	UNION SCREW	2	3943B	..	..	8 DIN7643			3	0,000	
	0730.008.056	SEALING RING	4		00.00.0000		A12X17			4	0,002	
	0637.835.026	UNION SCREW	2		00.00.0000		DIN 7643 8			4	0,000	
090	0634.313.216	O-RING	1		00.00.0000		ZFN 744 82 X 2,5			4	0,000	
100	---	HEXAGON SCREW	4		00.00.0000		M8X30 ISO4017/8.8 A3C			3	0,000	
	0630.302.090	SPRING WASHER	4		00.00.0000		DIN 137 ALT B 8 NOR			4	0,000	
	0636.015.321	HEXAGON SCREW	4		00.00.0000		ISO 4017 M 8 X 30			4	0,000	
110	1304.312.003	GEAR SHIFT FORK	1		00.00.0000					4	1,300	
120	---	ARTICULAT.BOLT	2		00.00.0000		M20X1,5			3	0,000	
	1304.332.041	ARTICULAT.BOLT	2		00.00.0000		M20X1,5			4	0,133	
	0630.302.064	SPRING WASHER	2		00.00.0000		DIN 137 ALT B 20 NOR			4	0,000	
140	1268.312.057	SLIDING PAD	2	43903	..	..	ENTHALT.IN 1272 334 014(2)			4	0,000	
150	---	DETENT PLUNGER	1		00.00.0000		145N*50N.M			3	0,073	
	0730.008.604	SEALING RING	1	9860C	..	..	A16X22 IN 0730 008 636(2)			4	0,002	
	1313.207.005	DETENT PLUNGER	1	55178	..	..	KPL. IN 1313 207 001(2)			4	0,072	
190	---	SCREW PLUG	1		00.00.0000		M18X1,5 * 35N.M* DICHTRING			3	0,030	
	0636.302.021	SCREW PLUG	1		00.00.0000		DIN 908 M 18X1,5			4	0,000	
	0634.801.062	SEALING RING	1	57730	..	..	DIN 7603 A 18 X 24			4	0,000	

VKF Incidence factor

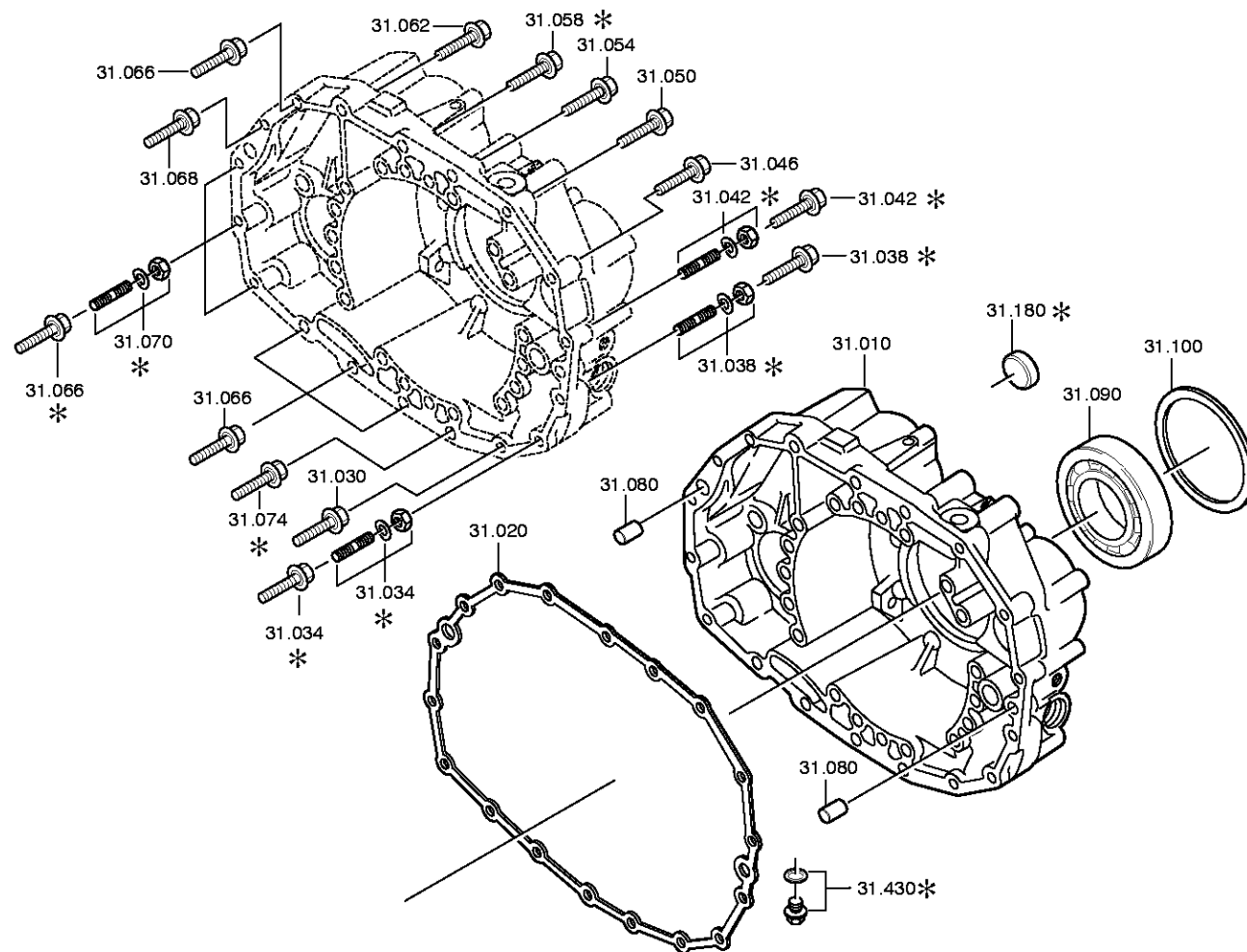
OTK Optional technical kit

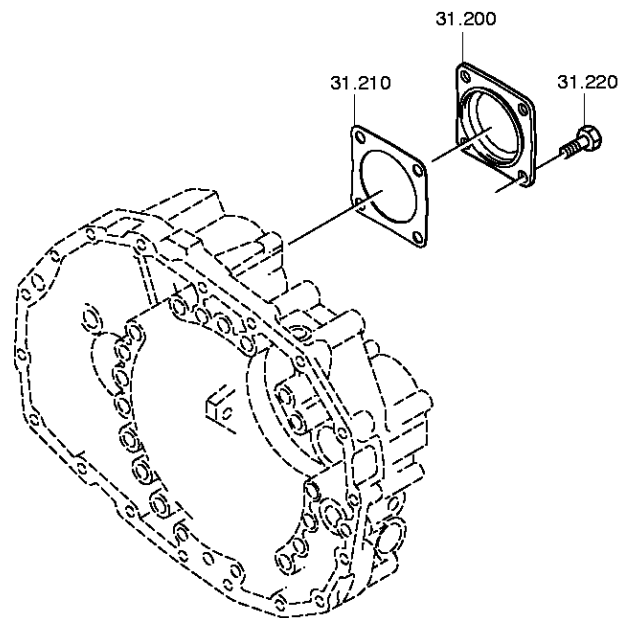
ID Identification (output code)

SP Supplier plant

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Parts list
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Material number: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.43.02
Material-assembly-group-no: 1304.131.052



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
010	1304.301.320	HOUSING	1		00.00.0000		III			4	9,629	
020	1304.301.305	GASKET	1	7698C	..	..				4	0,006	
030	---	HEXAGON SCREW	1		00.00.0000		M10X110Z1 DIN931ALT/10. 9A3			3	0,000	
	0636.010.794	HEXAGON SCREW	1		00.00.0000		DIN 931 ALT M 10 X110 Z			4	0,000	
034	---	HEXAGON SCREW	1		00.00.0000		M10X110Z1 DIN931ALT/10. 9A3			3	0,000	
	0636.010.794	HEXAGON SCREW	1		00.00.0000		DIN 931 ALT M 10 X110 Z			4	0,000	
038	---	HEXAGON SCREW	1		00.00.0000		M10X70Z1 DIN931ALT/10. 9A3C			3	0,000	
	0636.010.793	HEXAGON SCREW	1		00.00.0000		DIN 931 ALT M 10 X 70 Z			4	0,000	
042	---	HEXAGON SCREW	1		00.00.0000		M10X50Z1 DIN931ALT/10. 9A3C			3	0,000	
	0636.010.792	HEXAGON SCREW	1		00.00.0000		DIN 931 ALT M 10 X 50 Z			4	0,000	
046	---	HEXAGON SCREW	1		00.00.0000		M10X70Z1 DIN931ALT/10. 9A3C			3	0,000	
	0636.010.793	HEXAGON SCREW	1		00.00.0000		DIN 931 ALT M 10 X 70 Z			4	0,000	
050	---	HEXAGON SCREW	1		00.00.0000		M10X70Z1 DIN931ALT/10. 9A3C			3	0,000	
	0636.010.793	HEXAGON SCREW	1		00.00.0000		DIN 931 ALT M 10 X 70 Z			4	0,000	
054	---	HEXAGON SCREW	1		00.00.0000		M10X110Z1 DIN931ALT/10. 9A3			3	0,000	
	0636.010.794	HEXAGON SCREW	1		00.00.0000		DIN 931 ALT M 10 X110 Z			4	0,000	
058	---	HEXAGON SCREW	1		00.00.0000		M10X110Z1 DIN931ALT/10. 9A3			3	0,000	
	0636.010.794	HEXAGON SCREW	1		00.00.0000		DIN 931 ALT M 10 X110 Z			4	0,000	
062	---	HEXAGON SCREW	1		00.00.0000		M10X70Z1 DIN931ALT/10. 9A3C			3	0,000	
	0636.010.793	HEXAGON SCREW	1		00.00.0000		DIN 931 ALT M 10 X 70 Z			4	0,000	
066	---	HEXAGON SCREW	4		00.00.0000		M10X70Z1 DIN931ALT/10. 9A3C			3	0,000	
	0636.010.793	HEXAGON SCREW	4		00.00.0000		DIN 931 ALT M 10 X 70 Z			4	0,000	
068	---	HEXAGON SCREW	1		00.00.0000		M10X70Z1 DIN931ALT/10. 9A3C			3	0,000	
	0636.010.793	HEXAGON SCREW	1		00.00.0000		DIN 931 ALT M 10 X 70 Z			4	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: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.43.02
Material-assembly-group-no: 1304.131.052



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
070	---	HEXAGON SCREW	3		00.00.0000		M10X70Z1 DIN931ALT/10. 9A3C			3	0,000	
	0636.010.793	HEXAGON SCREW	3		00.00.0000		DIN 931 ALT M 10 X 70 Z			4	0,000	
074	---	HEXAGON SCREW	1		00.00.0000		M10X110Z1 DIN931ALT/10. 9A3			3	0,000	
	0636.010.794	HEXAGON SCREW	1		00.00.0000		DIN 931 ALT M 10 X110 Z			4	0,000	
080	0631.306.229	CYLINDRICAL PIN	2		00.00.0000		ZFN 6 16 M 6X 36			4	0,000	
090	0750.116.404	BALL BEARING	1		00.00.0000		WTB 80,0X140,0X26,0			4	0,000	
100	---	SHIM	1		00.00.0000		WTB 0730 006 531(3)			3	0,000	
	0730.006.532	SHIM	1		00.00.0000		A=1,70			4	0,038	
	0730.007.782	SHIM	1		00.00.0000		A=1,30			4	0,030	
	2049.309.536	SHIM	1		00.00.0000		A=1,80			4	0,000	
	2049.309.535	SHIM	1		00.00.0000		A=1,90			4	0,000	
	0730.007.781	SHIM	1		00.00.0000		A=1,40			4	0,032	
	2049.309.532	SHIM	1		00.00.0000		A=2,20			4	0,000	
	0730.006.533	SHIM	1		00.00.0000		A=1,60			4	0,038	
	2049.309.533	SHIM	1		00.00.0000		A=2,10			4	0,000	
	2049.309.534	SHIM	1		00.00.0000		A=2,00			4	0,000	
	0730.006.534	SHIM	1		00.00.0000		A=1,50			4	0,035	
200	1304.301.034	COVER	1		00.00.0000		ENTHALT.IN 1238 308 199(1)			4	0,258	
210	1238.308.201	GASKET	1	34612	..	..	ENTHALT.IN 1238 308 202(2)			4	0,003	
220	---	HEXAGON SCREW	4		00.00.0000		M12X28 DIN933ALT/8.8 A3C			3	0,037	
	0636.016.181	HEXAGON SCREW	4		00.00.0000		DIN 933 ALT M 12 X 28			4	0,000	

VKF Incidence factor

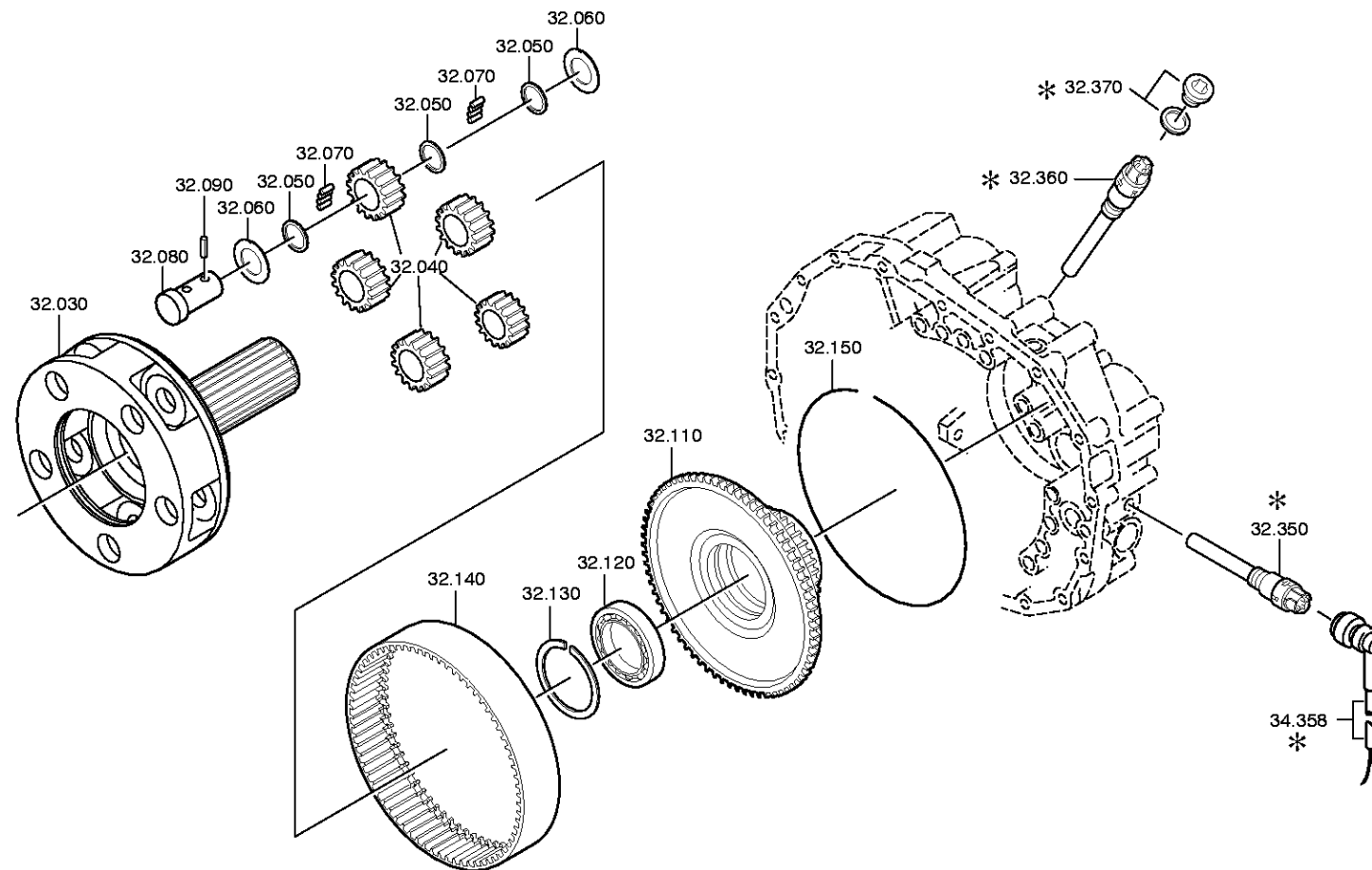
OTK Optional technical kit

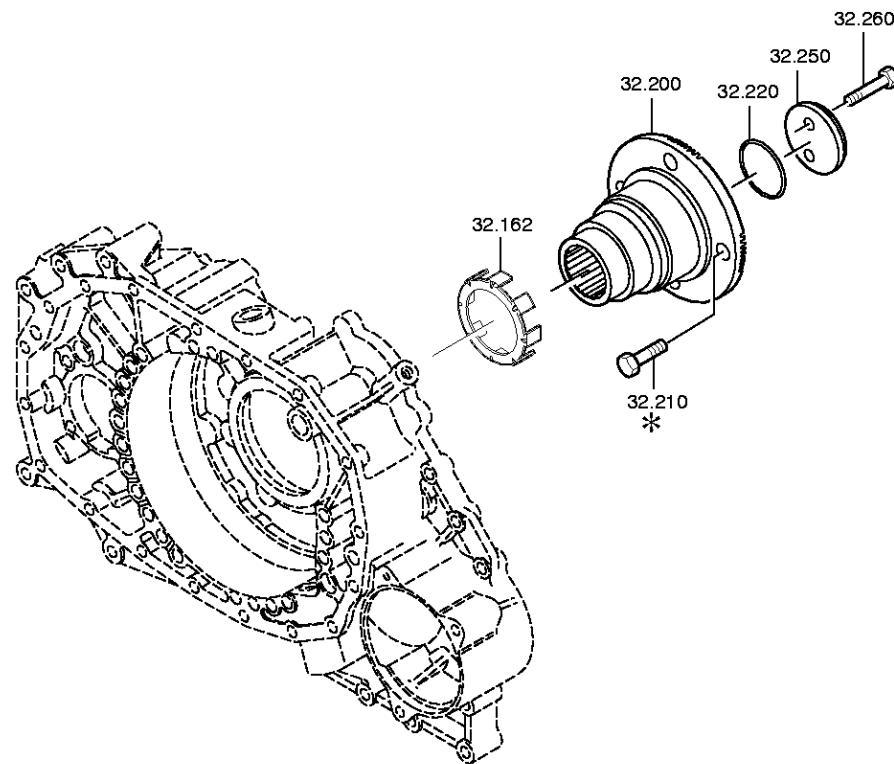
ID Identification (output code)

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Parts list
Page 1 from 1

Material number: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.44.06
Material-assembly-group-no: 1304.132.098



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
030	1304.232.088	PLANET CARRIER	1	65819	..	..	KPL. IN 1304 232 094(0)			4	8,621	
040	1304.232.054	PLANET GEAR SET	1		00.00.0000		KPL.			4	3,005	
050	0730.103.102	INTERM.WASHER	15		00.00.0000		A=1,50 IN 0730 105 951(2)			4	0,000	
060	0501.304.692	WASHER	10		00.00.0000		ENTHALT.IN 0501 304 086(2)			4	0,012	
070	0735.470.115	NEEDLE ROLLER	200		00.00.0000		5,0X15,3 FA.INA			4	0,002	
080	1304.332.111	PLANET SHAFT	5		00.00.0000					4	0,267	
090	0631.329.037	SLOT.PIN	5		00.00.0000		ISO 8752 4 X 26			4	0,000	
110	1304.332.216	RING GEAR CARR.	1		00.00.0000		ENTHALT.IN 1304 332 214(0)			4	3,230	
116	1304.333.012	BUSH	1		00.00.0000					4	0,602	
120	0750.116.165	BALL BEARING	1		00.00.0000		WTB 80,0X110,0X16,0			4	0,374	
130	---	SNAP RING	1	0420A	..	..	WTB 0730 513 754(2)			3	0,000	
	0730.513.759	SNAP RING	1		00.00.0000		A=2,10			4	0,018	
	0730.513.760	SNAP RING	1		00.00.0000		A=2,00			4	0,017	
	0730.513.758	SNAP RING	1		00.00.0000		A=2,20			4	0,019	
	0730.513.757	SNAP RING	1		00.00.0000		A=2,30			4	0,018	
	0730.513.756	SNAP RING	1		00.00.0000		A=2,40			4	0,020	
	0730.513.755	SNAP RING	1		00.00.0000		A=2,50			4	0,021	
140	1304.332.134	RING GEAR	1		00.00.0000		Z90			4	2,977	
150	0730.505.140	LOCKING WIRE	1		00.00.0000		A=2,00 IN 0730 505 052(2)			4	0,015	
200	1304.338.097	OUTPUT FLANGE	1		00.00.0000					4	4,844	
210	---	HEXAGON SCREW	4		00.00.0000		M14X50 * SCHUTZKAPPE			3	0,000	
	1315.332.067	PROTECTING CAP	4		00.00.0000					4	0,030	
	0636.011.104	HEXAGON SCREW	4		00.00.0000		DIN 931 ALT M 14 X 50			4	0,000	
220	0634.313.223	O-RING	1		00.00.0000		ZFN 744 59,2 X 5,7			4	0,000	
250	1304.338.072	WASHER	1		00.00.0000					4	0,484	
260	---	HEXAGON SCREW	2		00.00.0000		M12X55 DIN931ALT/8.8 A4C			3	0,000	
	0636.011.488	HEXAGON SCREW	2		00.00.0000		DIN 931 ALT M 12 X 55			4	0,000	

VKF Incidence factor

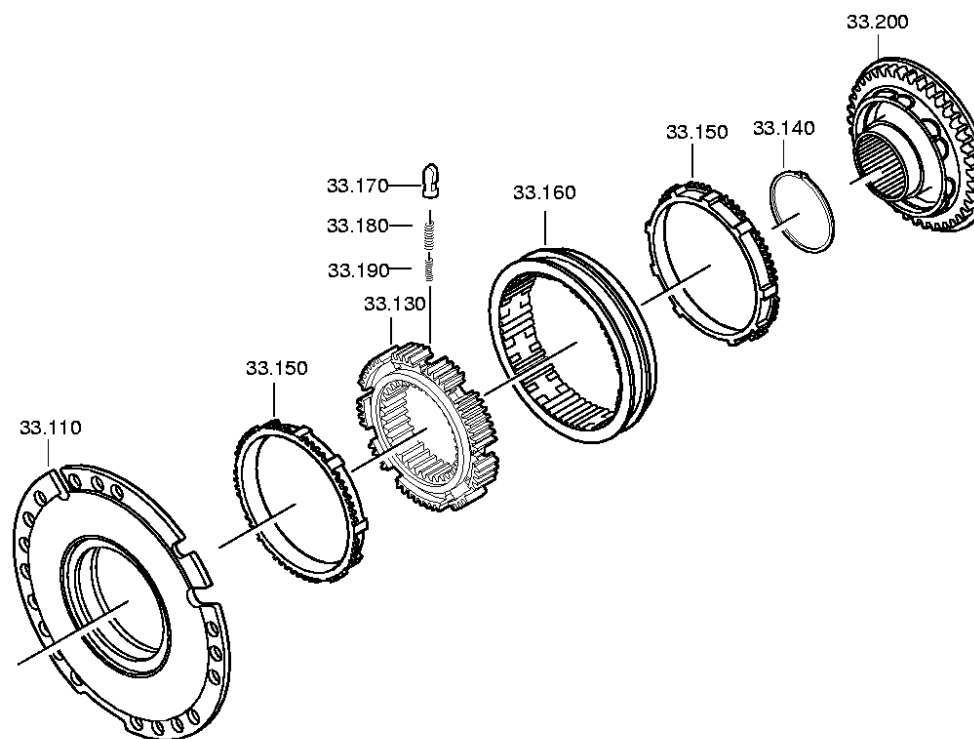
OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Parts list

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Material number: 1304.050.443 16 S 109 / OTOSAN
 Plant: 062.45.05
 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		KPL. IN 1304 233 008(0)			4	4,079	
130	1313.333.001	SYNCHRO.BODY	1		00.00.0000		ENTHALT.IN 1296 333 014(1)			4	1,900	
140	---	RETAINING RING	1		00.00.0000		WTB			3	0,000	
	0630.501.175	RETAINING RING	1		00.00.0000		DIN 471 125X3,7			4	0,000	
	0630.501.174	RETAINING RING	1		00.00.0000		DIN 471 125X3,8			4	0,000	
	0630.501.173	RETAINING RING	1		00.00.0000		DIN 471 125X3,9			4	0,000	
	0630.501.061	RETAINING RING	1		00.00.0000		DIN 471 125X4			4	0,000	
150	1296.333.045	SYNCHRO.RING	2		00.00.0000		IN 1296 333 055(0)			4	0,750	
160	1304.333.011	SLIDING SLEEVE	1		00.00.0000		ENTHALT.IN 1304 333 013(1)			4	2,100	
170	1240.304.278	THRUST PIECE	9		00.00.0000		ZF_B119-167			4	0,000	
180	0732.040.385	COMPR.SPRING	9		00.00.0000					4	0,000	
190	0732.040.386	COMPR.SPRING	9		00.00.0000					4	0,000	
200	1304.233.013	CLUTCH BODY	1	2334A	..	..	KPL. IN 1304 233 012(2)			4	3,885	

VKF Incidence factor

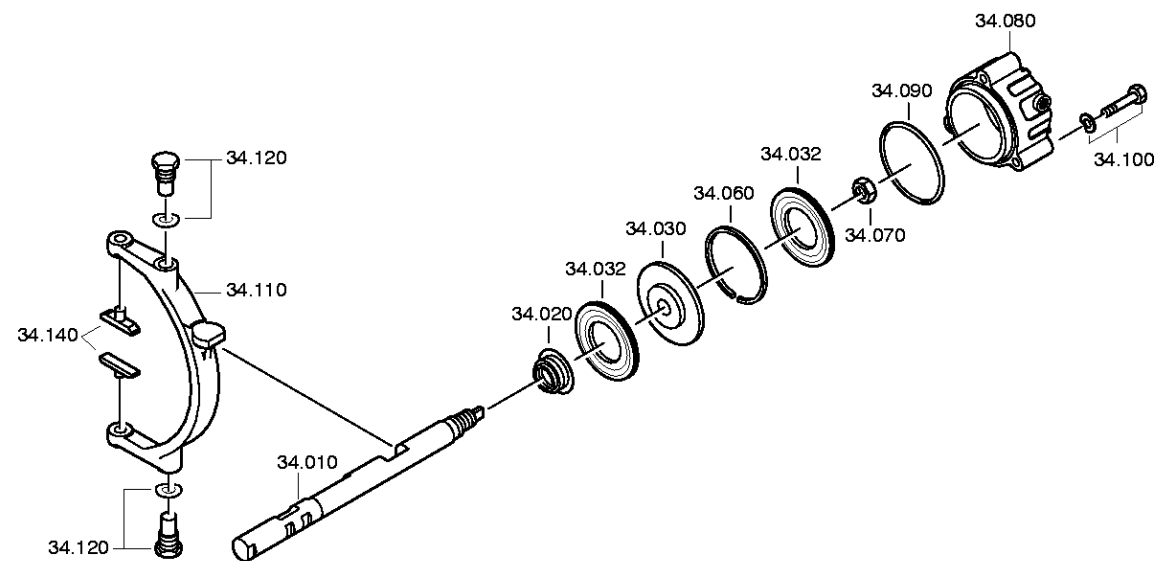
OTK Optional technical kit

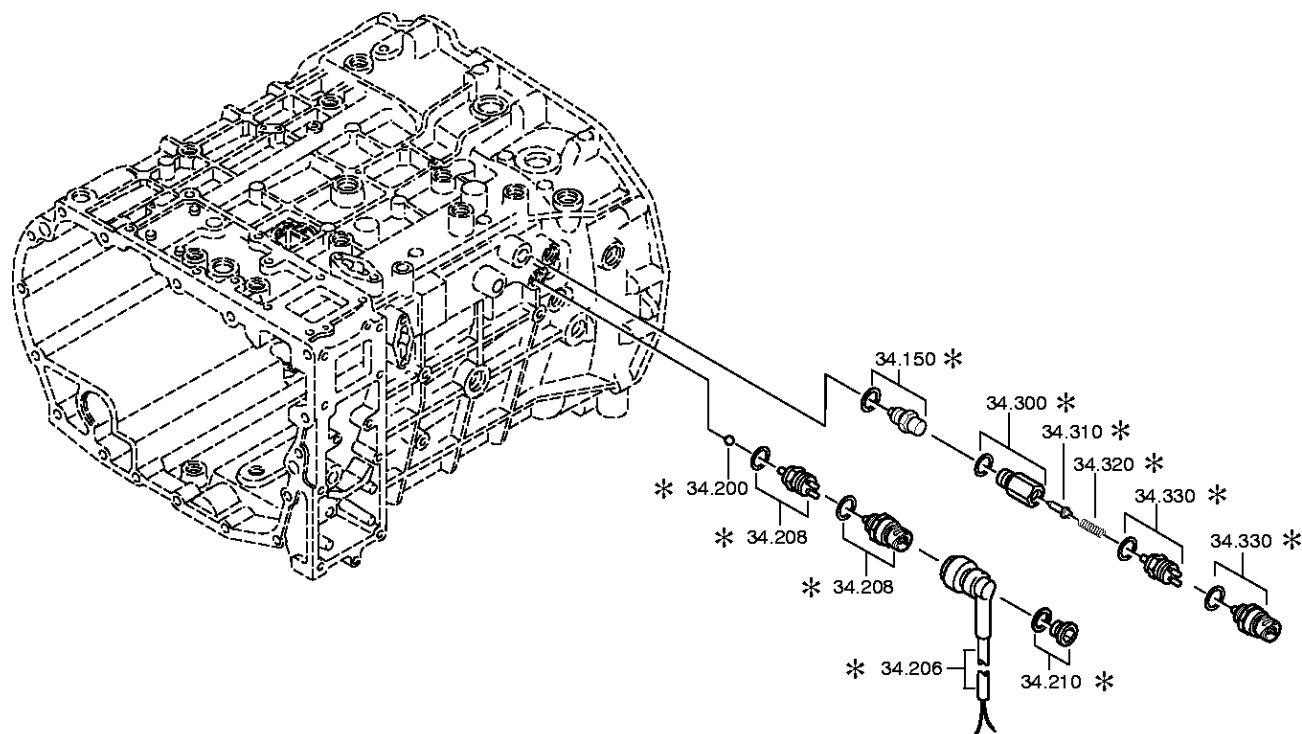
ID Identification (output code)

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Parts list

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Material number: 1304.050.443 16 S 109 / OTOSAN
 Plant: 062.46.05
 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
010	1304.334.075	GEAR SHIFT RAIL	1		00.00.0000					4	0,785	
020	0750.112.047	FLANGE PACKING	1		00.00.0000		WTB 22X36X14,5			4	0,023	
030	1315.334.041	PISTON	1		00.00.0000		ENTHALT.IN 1315 334 040(1)			4	0,450	
032	0734.307.287	SEALING RING	2		00.00.0000		50X100X7,5 FA.KACO			4	0,088	
060	0750.112.096	GUIDE RING	1		00.00.0000		WTB			4	0,005	
070	---	LOCKING NUT	1		00.00.0000		M16X1,5 ZFN99			3	0,000	
	0737.006.095	LOCKING NUT	1		00.00.0000		MS16X1,5			4	0,023	
080	1304.334.079	CYLINDER	1		00.00.0000					4	0,800	
090	0634.313.338	O-RING	1		00.00.0000		ZFN 744 108 X 3			4	0,000	
100	---	HEXAGON SCREW	3		00.00.0000		M10X70Z1 DIN931ALT/10.9A3C			3	0,000	
	0636.010.793	HEXAGON SCREW	3		00.00.0000		DIN 931 ALT M 10 X 70 Z			4	0,000	
110	1304.334.063	GEAR SHIFT FORK	1		00.00.0000					4	1,450	
120	---	ARTICULAT.BOLT	2	0894B	..	..	M24X1,5 SK6			3	0,000	
	0730.300.005	SPRING WASHER	2		00.00.0000					4	0,007	
	1315.334.011	ARTICULAT.BOLT	2		00.00.0000		M24X1,5			4	0,289	
140	1272.334.003	SLIDING PAD	2		00.00.0000					4	0,069	
150	---	DETENT PLUNGER	1		00.00.0000		145N*50N.M			3	0,073	
	1313.207.005	DETENT PLUNGER	1	55178	..	..	KPL. IN 1313 207 001(2)			4	0,072	
	0730.008.604	SEALING RING	1	9860C	..	..	A16X22 IN 0730 008 636(2)			4	0,002	
210	---	SCREW PLUG	1		00.00.0000		M18X1,5 * 35N.M* DICHTRING			3	0,030	
	0636.302.021	SCREW PLUG	1		00.00.0000		DIN 908 M 18X1,5			4	0,000	
	0634.801.062	SEALING RING	1	57730	..	..	DIN 7603 A 18 X 24			4	0,000	

VKF Incidence factor

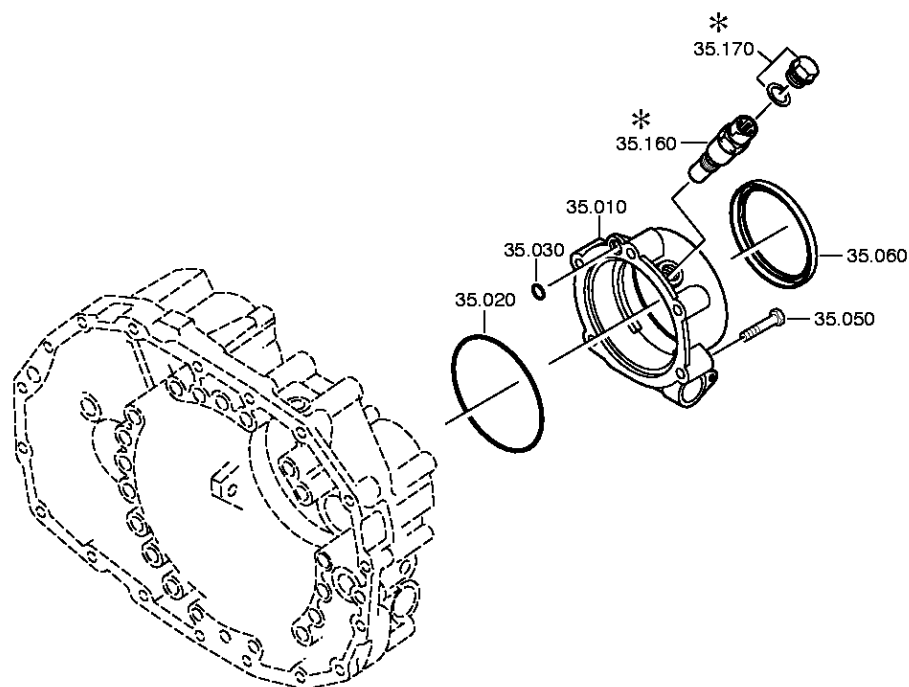
OTK Optional technical kit

ID Identification (output code)

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Material number: 1304.050.443 16 S 109 / OTOSAN
 Plant: 062.47.02
 Material-assembly-group-no: 1304.135.010



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
010	1304.301.351	COVER	1		00.00.0000		ENTHALT.IN 1304 301 350(0)			4	0,930	
020	0634.303.110	O-RING	1		00.00.0000		ZFN 744 138 X 3			4	0,000	
030	0634.316.181	O-RING	1		00.00.0000		ZFN 744 10 X 3			4	0,000	
050	---	HEXAGON SCREW	5	8083B	..	..	M10X60Z1 DIN933A/10. 9A3CSM			3	0,000	
	0636.015.601	HEXAGON SCREW	5		00.00.0000		DIN 933 ALT M 10 X 60 Z			4	0,000	
060	0734.319.459	SHAFT SEAL	1		00.00.0000		105X125X12/9,5 FA.CFW			4	0,081	
170	---	SCREW PLUG	1		00.00.0000		M18X1,5 * 35N.M* DICHTRING			3	0,030	
	0636.302.021	SCREW PLUG	1		00.00.0000		DIN 908 M 18X1,5			4	0,000	
	0634.801.062	SEALING RING	1	57730	..	..	DIN 7603 A 18 X 24			4	0,000	

VKF Incidence factor

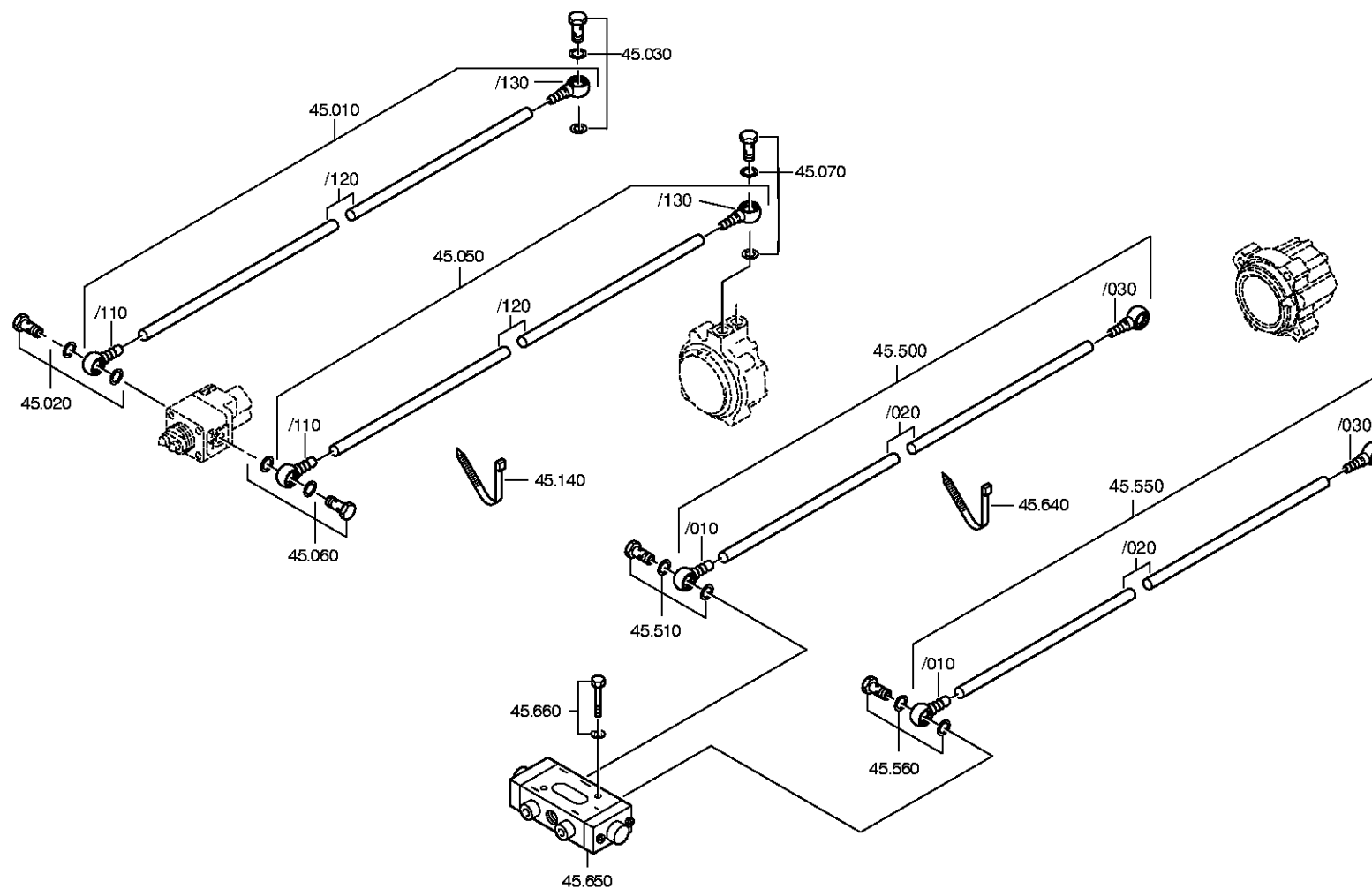
OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Parts list

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Material number: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.57.05
Material-assembly-group-no: 1304.145.009



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
010	6007.202.081	PIPE	1		00.00.0000		KPL.515,00MM			3	0,094	
/110	0750.146.001	RING PIECE	1		00.00.0000		WTB			4	0,030	
/120	0632.702.904	PIPE	1	8722A	..	..	DIN 73378 12 X 2			4	0,000	
/130	0750.146.001	RING PIECE	1		00.00.0000		WTB			4	0,030	
020	---	UNION SCREW	1	3946B	..	..	10 DIN7643			3	0,000	
	0637.835.515	UNION SCREW	1		00.00.0000		DIN 7643 10			4	0,000	
	0730.008.057	SEALING RING	2		00.00.0000		A=1,50			4	0,002	
030	---	UNION SCREW	1	3946B	..	..	10 DIN7643			3	0,000	
	0730.008.057	SEALING RING	2		00.00.0000		A=1,50			4	0,002	
	0637.835.515	UNION SCREW	1		00.00.0000		DIN 7643 10			4	0,000	
050	6007.202.156	PIPE	1		00.00.0000		KPL.565,00MM			3	0,098	
/110	0750.146.001	RING PIECE	1		00.00.0000		WTB			4	0,030	
/120	0632.702.904	PIPE	1	8722A	..	..	DIN 73378 12 X 2			4	0,000	
/130	0750.146.001	RING PIECE	1		00.00.0000		WTB			4	0,030	
060	---	UNION SCREW	1	3946B	..	..	10 DIN7643			3	0,000	
	0730.008.057	SEALING RING	2		00.00.0000		A=1,50			4	0,002	
	0637.835.515	UNION SCREW	1		00.00.0000		DIN 7643 10			4	0,000	
070	---	UNION SCREW	1	3946B	..	..	10 DIN7643			3	0,000	
	0730.008.057	SEALING RING	2		00.00.0000		A=1,50			4	0,002	
	0637.835.515	UNION SCREW	1		00.00.0000		DIN 7643 10			4	0,000	
140	0659.160.068	CABLE CLIP	2		00.00.0000		FA. HELLERMANN T30L-W			4	0,000	
500	6007.202.146	PIPE	1		00.00.0000		KPL.475,00MM			3	0,041	
/010	6038.310.007	RING PIECE	1	68044	..	..				4	0,012	
/020	0632.707.004	PIPE	1		00.00.0000		DIN 73378 9 X 1,5			4	0,000	
/030	0637.834.322	RING PIECE	1	1426A	..	..	FA. SIHN 12- 6 RSN 28-0			4	0,000	
510	---	UNION SCREW	1	3945B	..	..	6 DIN7643			3	0,000	
	0730.008.055	SEALING RING	2		00.00.0000		A10X14			4	0,001	
	0637.835.033	UNION SCREW	1		00.00.0000		DIN 7643 6			4	0,000	
550	6007.202.147	PIPE	1		00.00.0000		KPL.545,00MM			3	0,045	
/010	6038.310.007	RING PIECE	1	68044	..	..				4	0,012	
/020	0632.707.004	PIPE	1		00.00.0000		DIN 73378 9 X 1,5			4	0,000	
/030	0637.834.322	RING PIECE	1	1426A	..	..	FA. SIHN 12- 6 RSN 28-0			4	0,000	
560	---	UNION SCREW	1	3945B	..	..	6 DIN7643			3	0,000	
	0637.835.033	UNION SCREW	1		00.00.0000		DIN 7643 6			4	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: 1304.050.443 16 S 109 / OTOSAN
Plant: 062.57.05
Material-assembly-group-no: 1304.145.009



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
	0730.008.055	SEALING RING	2		00.00.0000		A10X14			4	0,001	
640	0659.160.068	CABLE CLIP	1		00.00.0000		FA. HELLERMANN T30L-W			4	0,000	
650	0501.310.059	VALVE	1	73611	..	..				4	0,180	
660	---	HEXAGON SCREW	2		00.00.0000		M5X35 ISO4014/8.8 A3C			3	0,000	
	0636.010.616	HEXAGON SCREW	2		00.00.0000		ISO 4014 M 5 X 35			4	0,000	
	0630.302.105	SPRING WASHER	2		00.00.0000		DIN 137 ALT A 5			4	0,000	

VKF Incidence factor

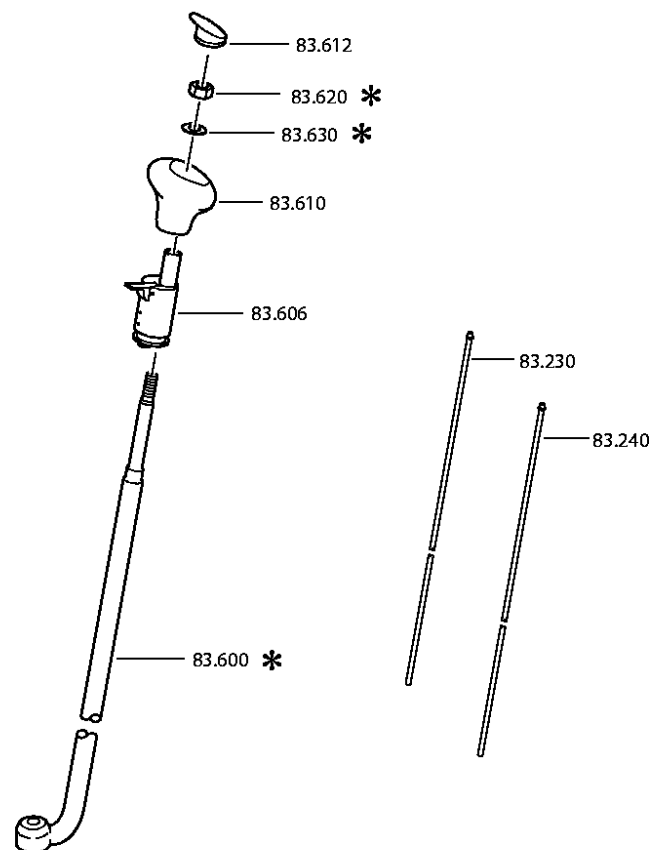
OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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Parts list

Page 1 from 1

Material number: 1304.050.443 16 S 109 / OTOSAN
 Plant: 062.98.41
 Material-assembly-group-no: 6005.183.648



Pos.	Material number	Name	VKF	Amend. no.	Amend. start	Prod. no.	Material feature / tech. info.	OTK	External material no.	ID	Weight	SP
230	0730.260.372	PIPE	1		00.00.0000		SW 1975 IN 6007 301 343(1)			4	0,020	
240	6007.301.302	PIPE	1		00.00.0000		WS 5000 IN 6007 301 343(1)			4	0,000	
606	0501.207.460	3/2-WAY VALVE	1		00.00.0000		KPL.			4	0,170	
610	6005.200.241	GEAR SHIFT KNOB	1		00.00.0000		KPL.			4	0,160	
612	6038.323.100	COVER	1		00.00.0000		ENTHALT.IN 6038 323 098(0)			4	0,007	
620	0637.006.125	HEXAGON NUT	1		00.00.0000		DIN 934 ALT M 10			4	0,000	
630	0630.001.048	WASHER	1		00.00.0000		DIN 125 ALT 10,5			4	0,000	

VKF Incidence factor

OTK Optional technical kit

ID Identification (output code)

SP Supplier plant

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