

Spare Parts Catalog 5 WG 210

Material number: 4657.055.131

Current date: 21.06.2017

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Notes relating to the spare parts catalog



Setup of the spare parts catalog

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

- ..

Figure and parts list



Overview of figures

Bildtafel Figure			Technische Info Technical info	Description (Benennung)	Menge Quantity	Einheit Unit
068.08.17	68.08.17 1316.170.001 AUSLEGER		WL	SHIFT TURRET	1	Stk
068.08.06	1316.170.031	DECKEL	WL*H-H *VM	COVER	1	Stk
0680814 1316.170.808 DECKEL		DECKEL	WL*AUSL+GEH*H-H*HF160N	COVER	1	Stk
08 1316.170.441 ANSCHLUSSTEILE		ANSCHLUSSTEILE	WL*NG-VORB*RG-SCHL*168N *BAJONETT	CONNECTING PARTS	1	Stk

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

1 Positions and subpositions

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

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

2 Combinations with standardized parts

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

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

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

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

0620 - in the parts list

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

(4) *-Positions

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

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

(5) Parts, dotted display

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

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Pos.	Information	Amendment number
	CUSTOMER: PROMEDINVEST	
	1.PERFORMANCE CALC.: 4657 707 820	
	VEHICLE DESIGNATION: A371-10	
	WEIGHT EMPTY: 21,000 TO	
	ENGINE: CUMMINS 6CTA#8.3-#260	
	ENGINE POWER: 195,0 KW	
	SPEED: 2100 U/MIN	
	INPUT TORQUE: 1100 N/M	
	SPEED: 1400 U/MIN	
	TYRE SIZE: 23,5X25	
	TYRE RADIUS DYN.: 0,740 M	
	AXLE RATIO: 24,667	
	MAX. SPEED: 35,0 KM/H	
	2.PERFORMANCE CALC.: 4657 707 837	
	VEHICLE DESIGNATION: AMKODOR 371A	
	WEIGHT EMPTY: 21,000 TO	
	ENGINE: YAMZ 7601.10 WITH TRANSFER BOX	
	ENGINE POWER: 227,3 KW	
	SPEED: 2.134 U/MIN	
	ENGINE TORQUE: 1.182 N/M	
	SPEED: 1.292 U/MIN	
	TIRES: 23,5X25	
	TYRE RADIUS DYN.: 0,740 M	
	AXLE RATIO: 24,667	
	MAX. SPEED: 34,7 KM/H	
	PRODUCT DESCRIPTION: ZF-ERGOPOWER TRANSMISSION	
	TRANSMISSION TYPE: 5 WG 210	
	DROP CENTER DISTANCE: 540 MM	
	VEHICLE: WHEEL LOADER	
	1. GEAR FORWARD: 4,043	
	2. GEAR FORWARD: 2,255	
	3. GEAR FORWARD: 1,466	
	4. GEAR FORWARD: 0,942	

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Pos.	Information	Amendment number
	5. GEAR FORWARD: 0,613	
	1. GEAR REVERSE: 3,834	
	2. GEAR REVERSE: 2,138	
	3. GEAR REVERSE: 0,894	
	NUMBER OF PULSES ENGIN: 4	
	NUMBER OF PULSES TURBINE: 54	
	NUMBER OF PULSES MRK: 55	
	NUMBER OF PULSES OUTPUT: 46	
	CONVERTER: W 340	
	CONVERTER PART NO.: 034 H 113	
	LOCK-UP CLUTCH: WITHOUT	
	STALL TORQUE RATIO: 2,81	
	TORQUE CONVERTER ABSORPTION: 124 NM	
	STATOR FREEWHEEL: WITHOUT	
	ENGINE INPUT: REMOTE MOUNTED VIA JOINT SHAFT	
	INPUT FLANGE: D 150 8 X M12 X 35	
	OUTPUT: STANDARD	
	OUTPUT CONVERTER SIDE: WITHOUT AXLE DISCONNECT	
	OUTPUT FLANGE CONVERTER SIDE: D 180 8 X M14 X 1,5 X 45	
	AXIAL DISPLACEBILITY: WITHOUT	
	OUTPUT PTO SIDE: WITH PARKING BRAKE	
	DISC BRAKE: SAHR FSG 88	
	RELEASE PRESSURE: 120 - 150 BAR	
	MEDIUM: HYDRAULIK OIL DIN 51525	
	CONNECTION BRAKE PRESSURE: M 10 X 1	
	OUTPUT FLANGE PTO SIDE: D 180 8 X M14 X 1,5 X 45	
	POWER TAKE OFF: 1 PTO COAXIAL ENGINE-DEPENDENT	
	PTO - DISCONNECTION: WITHOUT	
	1.PTO FLANGE: SAE C 2/4 HOLE	
	DRIVER PROFILE: SAE C 12/24 DP 14 T	
	GEAR CHANGE CONTROL: ZF-ERGOSHIFT/ PROP VALVE	
	VOLTAGE: 24 VOLT	
	SETTING SPECIFICATION: 4657.700.099	

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Pos.	Information	Amendment number
	SPEED CONTROL: CONNECTION VIA EST	
	OIL LEVEL TUBE: MOUNTED ON CONVERTER SIDE	
	OIL DIPSTICK: SHORT STRAIGHT	
	FILTER INSTALLATION: DIRECT MOUNTED	
	PRES. DROP SWITCH: CLOSING SWITCH	
	EMERGENCY STEERING PUMP: WITH	
	FLOW RATE: 32 CM ³ /U	
	CONSTANT FLOW: 50 DM ³ /MIN	
	EMERGENCY STEERING PUMP CON. : RADIAL	
	OIL TEMPERATURE SENSOR: WITH (WITHOUT GAUGE)	
	GEARBOX BREATHER: WITH	
	SOFTWARE OPTIONS OHNE_SOFTWARE	
	ELECTRIC PARTS ORDER: INCLUDED IN SCOPE OF SUPPLY	
	SEPARATE ORDER: WITHOUT	
	GROUP LOOSE PARTS: 4657.183.319	
	CONTROL UNIT: EST 37A	
	GEAR SELECTOR: DW 3	
	2ND GEAR SELECTOR: WITHOUT	
	DISPLAY: FOR INBOARD MOUNTING	
	LOAD SENSOR: WITHOUT	
	WIRING: WITH	
	OIL CAPACITY TRANSM.: CA. 27 LITRE	
	OIL FILLING TRANSM.: WITHOUT	
	OIL GRADE TRANSM.: TE- ML 03	
	PRIMER PAINT: RED RAL 3009	
	DOCUMENTATION GEAR BOX:	
	SECTION DRAWING: 4657 500 092	
	INSTALLATION DRAWING: 4657 655 131	
	GEARBOX DIAGRAM: 4657 500 165	
	OIL CIRCUIT DIAGRAM: 4657 700 159	
	INSTALL. INSTRUCTIONS: 0000 702 951	
	DOCU. CONTROL UNIT: -	
	DRAWING 6009 665 002	

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Pos.	Information	Amendment number
	DRAWING GEAR SEL. 1: 6006 630 033	
	CONNECTION DIAGRAM: 6006 700 564	
	WIRING DIAGRAM: 6029 701 314	
	CONNECTION DIAGRAM: 6029 701 315	
	DRAWING DISPLAY: 6007 603 047	

Assembly group overview

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Graphics	Pos.	Material number	Name	Quantit y	Amend. no.	Techn. Info.
4657130045 00	270	4657.130.045	ENGINE CONNECTION	1		
4657130406 00	280	4657.130.406	ENGINE CONNECTION	1		
4166034079 00	500	4166.034.079	CONVERTER	1		
4657102030 00	30	4657.102.030	INPUT	1		
4657101074 01	10	4657.101.074	TRANSMISSION HOUSING	1		
	KIT	4657.298.096	HOUSING REAR SECTION	1		
4657101408 00	20	4657.101.408	TRANSMISSION HOUSING	1		
4657171043 00	350	4657.171.043	COUPLING	1		
4657172034 00	360	4657.172.034	COUPLING	1		
4657173019 00	370	4657.173.019	COUPLING	1		
4657174049 00	380	4657.174.049	COUPLING	1		
4657175014 00	390	4657.175.014	COUPLING	1		
4657176017 00	400	4657.176.017	COUPLING	1		
4657103010 00	50	4657.103.010	OUTPUT	1		
4657103429 00	60	4657.103.429	OUTPUT	1		
4656109018 00	170	4656.109.018	PARKING BRAKE	1		
4657109409 00	70	4657.109.409	PARKING BRAKE	1		

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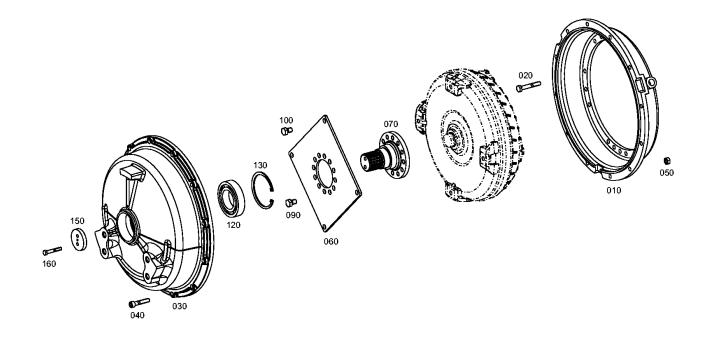
Graphics	Pos.	Material number	Name	Quantit y	Amend. no.	Techn. Info.
4657154004 00	340	4657.154.004	POWER TAKE-OFF	1		
4657106012 00	110	4657.106.012	SHIFT SYSTEM	1		
4657106407 20	115	4657.106.407	SHIFT SYSTEM	1		
4656159019 21	120	4656.159.019	SHIFT SYSTEM	1		
4657123003 00	225	4657.123.003	CONTROL UNIT	1		
4656120003 00	190	4656.120.003	PRESSURE REGULATOR	1		
4657122005 00	220	4657.122.005	PRESSURE OIL PUMP	1		
4657137004 00	310	4657.137.004	EMERGENCY STEERING PUMP	1		
4657107003 00	130	4657.107.003	SPEEDOMETER	1		
4657125002 00	250	4657.125.002	INDUCTIVE SENSOR	1		
4657124003 00	240	4657.124.003	TEMPERATURE SENSOR	1		
4656138015 00	330	4656.138.015	FILTER	1		
4657131004 00	290	4657.131.004	FILLER NOZZLE	1		
4657183319 00	490	4657.183.319	LOOSE PARTS	1		

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Material number: 4657.055.131

Plant: 465713004500





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Material number: 4657.055.131

Plant: 465713004500



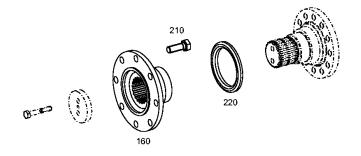
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	4656.330.008		CONVERTER BELL	1			SAE-3 Laenge 77.7		material
20	0636.100.713		HEXAGON SCREW	18			M10X65		
30	4657.330.037		COVER	1					
40	0636.100.801		CAP SCREW	12			M10X50		
50	0637.006.281		HEXAGON NUT	12		Z00015425010	M10		
60	4657.330.004		DIAPHRAGM	1					
70	4657.330.053		INPUT SHAFT	1		K01306/0610	Z=24		
90	0636.102.411		HEXAGON SCREW	12			M12X18		
100	0636.102.411		HEXAGON SCREW	4			M12X18		
120	0735.330.440		BALL BEARING	1			55,000X100,000X21,000		
130	0630.532.157		V-RING	1					
150	4627.303.027		WASHER	1					
160	0636.100.722		HEXAGON SCREW	2			M8X50		

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Material number: 4657.055.131

Plant: 465713040600





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Material number: 4657.055.131

Plant: 465713040600



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN KIT	Alternative material
160	4620.302.036		INPUT FLANGE	1					
210	0636.016.112		HEXAGON SCREW	8			M12X35		
220	4657.330.042		SCREEN SHEET	1		K00197/0210	S=2,0		

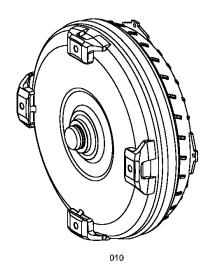
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Material number: 4657.055.131

Plant: 416603407900

Material-assembly-group-no: 4166.034.079





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Material number: 4657.055.131

Plant: 416603407900

Material-assembly-group-no: 4166.034.079



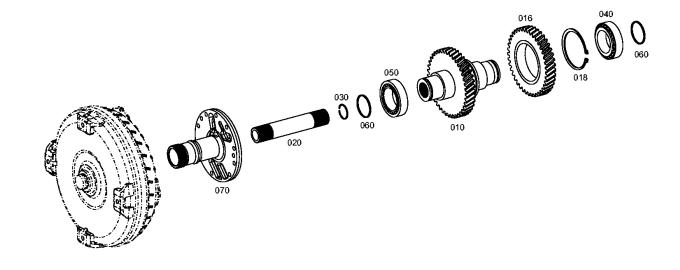
Pos.	Material number	Customer material	Name	Quantity ME	Amend. no.	Techn. Info.	ikeb kit	Alternative material
10	4168.034.113		CONVERTER	1				

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Material number: 4657.055.131

Plant: 465710203000





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Material number: 4657.055.131

Plant: 465710203000



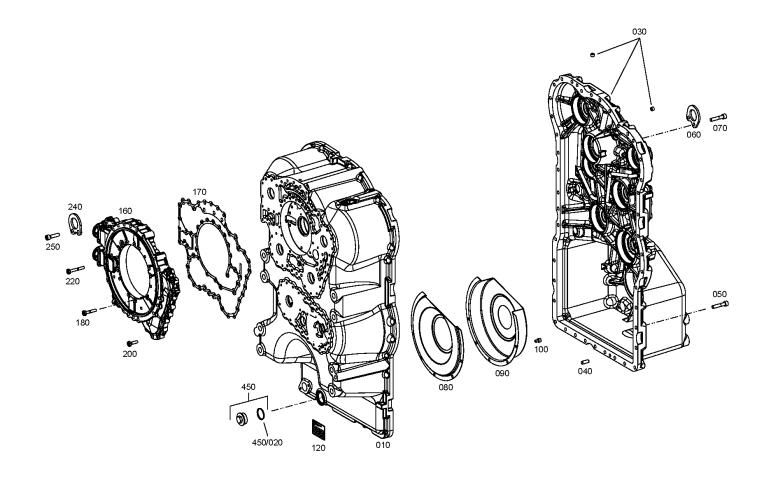
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN KIT	Alternative material
10	4657.302.005		INPUT SHAFT	1			Z=54*Z=30		
16	4657.302.004		INPUT GEAR	1			Z=53		
18	0630.501.056		RETAINING RING	1			100X3		
20	4656.302.010		TURBINE SHAFT	1					
30	0630.513.099		SNAP RING	1					
40	0735.300.549		TAPERED ROLLER BEARING	1			60,000X95,000X27,000		
50	0735.300.549		TAPERED ROLLER BEARING	1			60,000X95,000X27,000		
60	0634.402.557		R-RING	2			60X3		
70	4656.302.036		STATOR SHAFT	1			Z=46		

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Material number: 4657.055.131

Plant: 465710107401



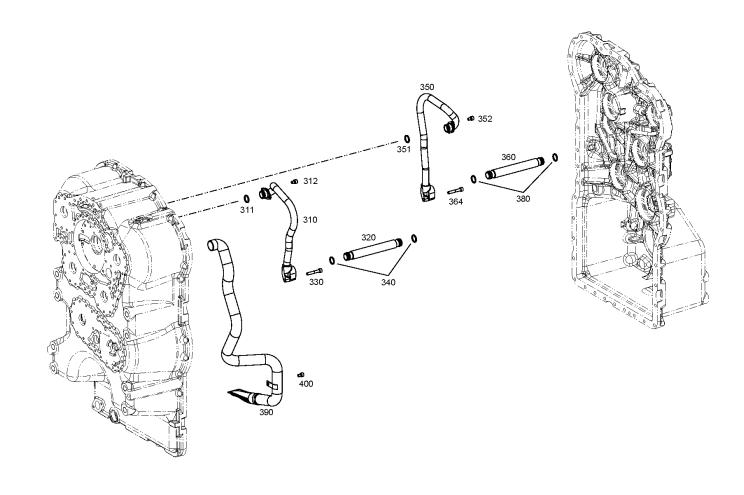


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Material number: 4657.055.131

Plant: 465710107402





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Material number: 4657.055.131

Plant: 465710107401



Pos.	Material Customer	material Name	Quantity M	ме А	mend. no.	Techn. Info.	Rep kit	Alternative material
10	4657.201.151	HOUS.FRONT SEC	Γ 1					
30	4657.201.157	HOUSING REAR PA	\RT					4657.298.096
40	0631.306.816	CYLINDRICAL PIN	2			10X24		
50	0636.100.801	CAP SCREW	40			M10X50		
60	4656.301.148	FIXING PLATE	1			h=6,000		
70	0636.100.801	CAP SCREW	2			M10X50		
80	4657.301.032	SCREEN SHEET	1					
90	4657.301.033	SCREEN SHEET	1					
100	0636.100.803	CAP SCREW	5			M8X12		
120	0730.365.279	TYPE PLATE	1			ZF-Standard/Passau		
160	4656.301.047	OIL FEED.HOUSG.	1					
170	4656.301.023	GASKET	1					
180	0736.300.182	TORX SCREW	21			M8X45		
200	0736.300.233	TORX SCREW	15			M8X30		
220	0736.300.183	TORX SCREW	4			M8X60		
240	4656.301.148	FIXING PLATE	1			h=6,000		
250	0636.100.816	CAP SCREW	2			M10X40		
310	4657.201.144	OIL TUBE	1			22,000X2,000		
311	0634.306.213	O-RING	1			22X3		
312	0636.100.803	CAP SCREW	2			M8X12		
320	4657.301.044	OIL TUBE	1					
330	0636.115.295	CAP SCREW	1			M8X50		
340	0634.306.213	O-RING	2			22X3		
350	4657.201.145	OIL TUBE	1			22,000X2,000		
351	0634.306.213	O-RING	1			22X3		
352	0636.100.803	CAP SCREW	2			M8X12		
360	4657.301.044	OIL TUBE	1					
364	0636.115.295	CAP SCREW	1			M8X50		
380	0634.306.213	O-RING	2			22X3		
390	4657.201.143	SUCTION TUBE	1			35,000X2,000		
400	0636.100.803	CAP SCREW	1			M8X12		
450	4475.280.216	SCREW PLUG	1					
/20	0634.314.304	O-RING	1			35X2		
30	4657.298.096	HOUSING REAR SE	ECTION 1					

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Material number: 4657.055.131



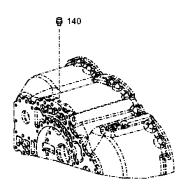
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
	4657.298.096		HOUSING REAR SECTION	1					

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Material number: 4657.055.131

Plant: 465710140800





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Material number: 4657.055.131

Plant: 465710140800



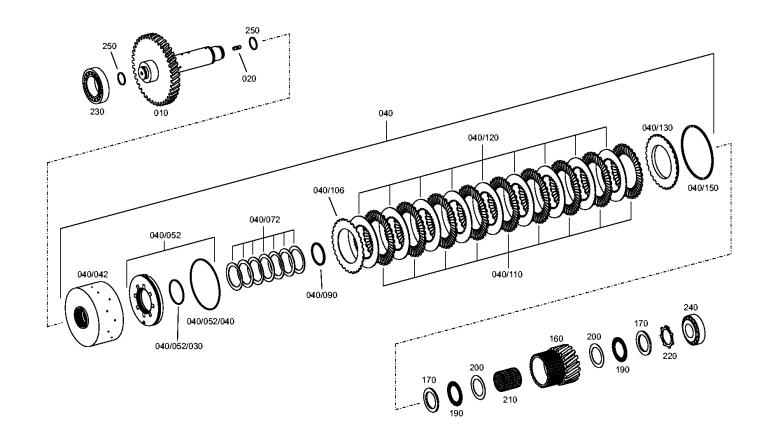
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
140	0750.131.027		BREATHER	1					

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Material number: 4657.055.131

Plant: 465717104300





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Material number: 4657.055.131

Plant: 465717104300



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	4657.371.041		SHAFT	1		Z00009825310	Z=51		
20	0636.607.039		STUD	1			M10X16		
40	4657.271.009		COUPLING	1					
/42	4657.371.034		DISC CARRIER	1			Z=34*Z=46		
/52	4657.271.008		PISTON	1			KPL. KR/KV/K2/K3/K4		
//30	0634.313.643		O-RING	1			75X3		
//40	0634.313.796		O-RING	1			158X3		
/72	0501.316.541		CUP SPRING	7			68,500X89,000X1,400		
/90	0501.324.228		L-RING	1					
/106	0501.212.371		FRICTION DISC	1					
/110	0501.212.370		DISC	9					
/120	0501.316.592		INNER CLUTCH DISK	9					
/130	4657.371.045		END SHIM	1			Z=34		
/150			SNAP RING	1					
	0730.513.701		SNAP RING	1			h=2,1		
	0730.513.702		SNAP RING	1			h=2,25		
	0730.513.703		SNAP RING	1			h=2,4		
	0730.513.704		SNAP RING	1			h=2,55		
	0730.513.705		SNAP RING	1			h=2,7		
	0730.513.706		SNAP RING	1			h=2,85		
	0730.513.707		SNAP RING	1			h=3,0		
	0730.513.708		SNAP RING	1			h=3,15		
	0730.513.709		SNAP RING	1			h=3,30		
	0730.513.710		SNAP RING	1			h=3,45		
	0730.513.711		SNAP RING	1			h=3,60		
	0730.513.712		SNAP RING	1			h=3,75		
	0730.513.713		SNAP RING	1			h=3,90		
	0730.513.714		SNAP RING	1			h=4,05		
	0730.513.715		SNAP RING	1			h=4,20		
160	4657.371.022		IDLER	1			Z=20		
170	0635.290.114		RUNNING DISK	2			55X78X5		
190	0735.368.076		AXIAL NEEDLE CAGE	2			55,0X78,0X3,0		
200	0501.334.358		AXIAL WASHER	2		Z00034899510	55,000X78,000X1,000		
210	0735.321.509		NEEDLE CAGE	1			55,000X63,000X64,000		

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Material number: 4657.055.131

Plant: 465717104300



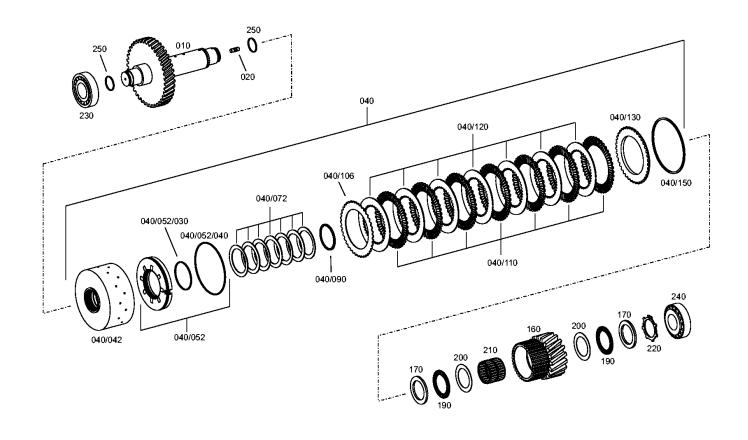
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	RAN KIT	Alternative material
220	0501.316.378		RETAINING RING	1					
230	0735.300.547		TAPERED ROLLER BEARING	1			66,675X112,712X30,162		
240	0735.300.548		TAPERED ROLLER BEARING	1			44,450X95,250X28,575		
250	0734.401.267		PISTON RING	2			40,000X2,500		

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Material number: 4657.055.131

Plant: 465717203400





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Material number: 4657.055.131

Plant: 465717203400



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	4657.372.022	2	SHAFT	1		Z00010882110	Z=56		
20	0636.607.039	9	STUD	1			M10X16		
40	4657.272.005	5	COUPLING	1					
/42	4657.372.020	0	DISC CARRIER	1			Z=44*Z=46		
/52	4657.275.000	6	PISTON	1			KPL.		
//30	0634.313.643	3	O-RING	1			75X3		
//40	0634.313.719		O-RING	1			142X3		
/72	0501.316.543		CUP SPRING	7			68,500X89,000X1,400		
/90	0501.324.228		L-RING	1					
/106	0501.212.373	3	OUTER CLUTCH DISK	1					
/110	0501.212.372		DISC	7			h=2.5		
/120	0501.316.593	1	INNER CLUTCH DISK	7					
/130	0501.316.594	4	END SHIM	1					
/150			SNAP RING	1					
	0730.513.684		SNAP RING	1			h=2,10		
	0730.513.685		SNAP RING	1			h=2,25		
	0730.513.686		SNAP RING	1			h=2,40		
	0730.513.687		SNAP RING	1			h=2,55		
	0730.513.688		SNAP RING	1			h=2,70		
	0730.513.698		SNAP RING	1			h=2.85		
	0730.513.689		SNAP RING	1			h=3,00		
	0730.513.690		SNAP RING	1			h=3,15		
	0730.513.693		SNAP RING	1			h=3,30		
	0730.513.692		SNAP RING	1			h=3,45		
	0730.513.693		SNAP RING	1			h=3,60		
	0730.513.694		SNAP RING	1			h=3,75		
	0730.513.695		SNAP RING	1			h=3,90		
	0730.513.696		SNAP RING	1			h=4,05		
	0730.513.69	1	SNAP RING	1			h=4,20		
160	4657.372.012	1	IDLER	1			Z=20		
170	0635.290.114		RUNNING DISK	2			55X78X5		
190	0735.368.076	6	AXIAL NEEDLE CAGE	2			55,0X78,0X3,0		
200	0501.334.358		AXIAL WASHER	2		Z00034899510	55,000X78,000X1,000		
210	0735.321.508	8	NEEDLE CAGE	1			K 55,0X63,0X50,0		

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Material number: 4657.055.131

Plant: 465717203400



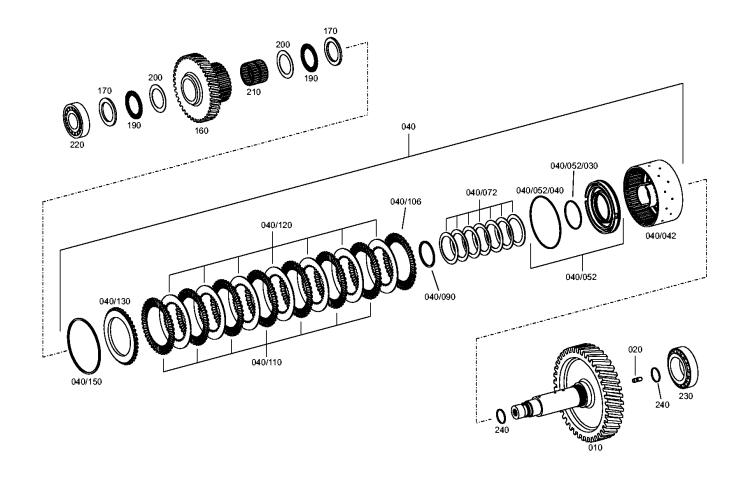
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Ren kit	Alternative material
220	0501.316.378		RETAINING RING	1					
230	0735.300.548		TAPERED ROLLER BEARING	1			44,450X95,250X28,575		
240	0735.300.548		TAPERED ROLLER BEARING	1			44,450X95,250X28,575		
250	0734.401.267		PISTON RING	2			40,000X2,500		

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Material number: 4657.055.131

Plant: 465717301900





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Material number: 4657.055.131

Plant: 465717301900



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	4657.373.023	3	SHAFT	1		Z00009825310	Z=47		
20	0636.607.039	9	STUD	1			M10X16		
40	4657.273.006	6	COUPLING	1					
/42	4657.372.020	0	DISC CARRIER	1			Z=44*Z=46		
/52	4657.275.000	6	PISTON	1			KPL.		
//30	0634.313.643	3	O-RING	1			75X3		
//40	0634.313.719		O-RING	1			142X3		
/72	0501.316.543		CUP SPRING	7			68,500X89,000X1,400		
/90	0501.324.228		L-RING	1					
/106	0501.212.373	3	OUTER CLUTCH DISK	1					
/110	0501.212.372		DISC	7			h=2.5		
/120	0501.316.593	1	INNER CLUTCH DISK	7					
/130	0501.316.594	4	END SHIM	1					
/150			SNAP RING	1					
	0730.513.684		SNAP RING	1			h=2,10		
	0730.513.685		SNAP RING	1			h=2,25		
	0730.513.686		SNAP RING	1			h=2,40		
	0730.513.687		SNAP RING	1			h=2,55		
	0730.513.688		SNAP RING	1			h=2,70		
	0730.513.698		SNAP RING	1			h=2.85		
	0730.513.689		SNAP RING	1			h=3,00		
	0730.513.690		SNAP RING	1			h=3,15		
	0730.513.693		SNAP RING	1			h=3,30		
	0730.513.692		SNAP RING	1			h=3,45		
	0730.513.693		SNAP RING	1			h=3,60		
	0730.513.694		SNAP RING	1			h=3,75		
	0730.513.695		SNAP RING	1			h=3,90		
	0730.513.696		SNAP RING	1			h=4,05		
	0730.513.69	I .	SNAP RING	1			h=4,20		
160	4657.373.004	I .	IDLER	1			Z=55		
170	0635.290.114		RUNNING DISK	2			55X78X5		
190	0735.368.076	6	AXIAL NEEDLE CAGE	2			55,0X78,0X3,0		
200	0501.334.358	8	AXIAL WASHER	2		Z00034899510	55,000X78,000X1,000		
210	0735.321.508	3	NEEDLE CAGE	1			K 55,0X63,0X50,0		

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Material number: 4657.055.131

Plant: 465717301900



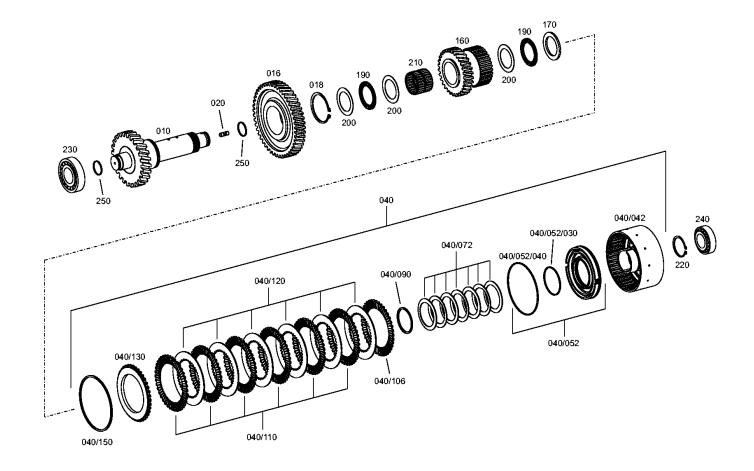
	POS	Material number	Customer material	Name	Quantity ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
	220	0735.300.548		TAPERED ROLLER BEARING	1		44,450X95,250X28,575		
[230	0735.300.547		TAPERED ROLLER BEARING	1		66,675X112,712X30,162		
	240	0734.401.267		PISTON RING	2		40,000X2,500		

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Material number: 4657.055.131

Plant: 465717404900





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Material number: 4657.055.131

Plant: 465717404900



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	4657.374.039		SHAFT	1		Z00009825310	Z=32		
16	4657.374.008		GEAR	1			Z=63		
18	0630.501.050		RETAINING RING	1			80X2,5		
20	0636.607.039		STUD	1			M10X16		
40	4657.274.016		CLUTCH	1					
/42	4657.374.037		DISC CARRIER	1			Z=44*Z=42		
/52	4657.275.006		PISTON	1			KPL.		
//30	0634.313.643		O-RING	1			75X3		
//40	0634.313.719		O-RING	1			142X3		
/72	0501.316.541		CUP SPRING	7			68,500X89,000X1,400		
/90	0501.324.228		L-RING	1					
/106	0501.212.373		OUTER CLUTCH DISK	1					
/110	0501.212.372		DISC	6			h=2.5		
/120	0501.316.591		INNER CLUTCH DISK	6					
/130	0501.316.594		END SHIM	1					
/150			SNAP RING	1					
	0730.513.684		SNAP RING	1			h=2,10		
	0730.513.685		SNAP RING	1			h=2,25		
	0730.513.686		SNAP RING	1			h=2,40		
	0730.513.687		SNAP RING	1			h=2,55		
	0730.513.688		SNAP RING	1			h=2,70		
	0730.513.698		SNAP RING	1			h=2.85		
	0730.513.689		SNAP RING	1			h=3,00		
	0730.513.690		SNAP RING	1			h=3,15		
	0730.513.691		SNAP RING	1			h=3,30		
	0730.513.692		SNAP RING	1			h=3,45		
	0730.513.693		SNAP RING	1			h=3,60		
	0730.513.694		SNAP RING	1			h=3,75		
	0730.513.695		SNAP RING	1			h=3,90		
	0730.513.696		SNAP RING	1			h=4,05		
	0730.513.697		SNAP RING	1			h=4,20		
160	4657.374.011		IDLER	1			Z=38		
170	0635.290.114		RUNNING DISK	1			55X78X5		
190	0735.368.076		AXIAL NEEDLE CAGE	2			55,0X78,0X3,0		

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Material number: 4657.055.131

Plant: 465717404900



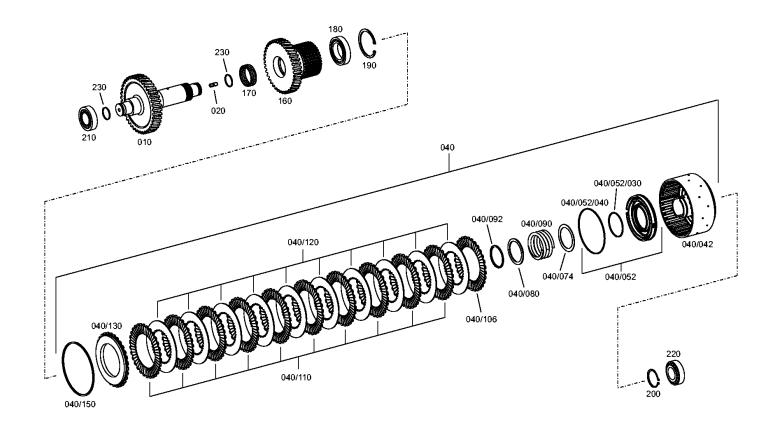
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN KIT	Alternative material
200	0501.334.358		AXIAL WASHER	3		Z00034899510	55,000X78,000X1,000		
210	0735.321.508		NEEDLE CAGE	1			K 55,0X63,0X50,0		
220	0630.501.038		RETAINING RING	1			55X2		
230	0735.300.548		TAPERED ROLLER BEARING	1			44,450X95,250X28,575		
240	0735.300.550		TAPERED ROLLER BEARING	1			39,688X76,200X25,654		
250	0734.401.267		PISTON RING	2			40,000X2,500		

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Material number: 4657.055.131

Plant: 465717501400





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Material number: 4657.055.131

Plant: 465717501400



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	4657.375.020		SHAFT	1		Z00009825310	Z=55*D-Teil		
20	0636.607.039		STUD	1			M10X16		
40	4657.275.010		CLUTCH	1					
/42	4657.375.019		DISC CARRIER	1			Z=34*Z=42		
/52	4657.275.006		PISTON	1			KPL.		
//30	0634.313.643		O-RING	1			75X3		
//40	0634.313.719		O-RING	1			142X3		
/74	0730.110.373		WASHER	1					
/80	0730.011.028		SUPPORTING RING	1					
/90	0732.042.711		COMPRESSION SPRING	1					
/92	0501.324.228		L-RING	1					
/106	0501.212.371		FRICTION DISC	1					
/110	0501.212.370		DISC	10					
/120	0501.316.592		INNER CLUTCH DISK	10					
/130	4657.371.045		END SHIM	1			Z=34		
/150			SNAP RING	1					
	0730.513.701		SNAP RING	1			h=2,1		
	0730.513.702		SNAP RING	1			h=2,25		
	0730.513.703		SNAP RING	1			h=2,4		
	0730.513.704		SNAP RING	1			h=2,55		
	0730.513.705		SNAP RING	1			h=2,7		
	0730.513.706		SNAP RING	1			h=2,85		
	0730.513.707		SNAP RING	1			h=3,0		
	0730.513.708		SNAP RING	1			h=3,15		
	0730.513.709		SNAP RING	1			h=3,30		
	0730.513.710		SNAP RING	1			h=3,45		
	0730.513.711		SNAP RING	1			h=3,60		
	0730.513.712		SNAP RING	1			h=3,75		
	0730.513.713		SNAP RING	1			h=3,90		
	0730.513.714		SNAP RING	1			h=4,05		
	0730.513.715		SNAP RING	1			h=4,20		
160	4657.375.003		IDLER	1			Z=52		
170	0735.321.408		NEEDLE CAGE	1			K 60,0X68,0X20,0		
180	0735.301.814		BALL BEARING	1			55,000X90,000X18,000		

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Material number: 4657.055.131

Plant: 465717501400



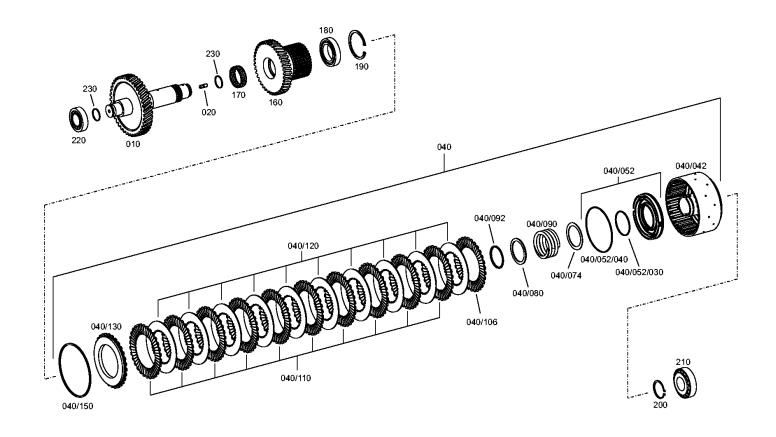
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN KIT	Alternative material
190	0630.502.042		RETAINING RING	1			90X3		
200	0630.501.038		RETAINING RING	1			55X2		
210	0735.300.550		TAPERED ROLLER BEARING	1			39,688X76,200X25,654		
220	0735.300.550		TAPERED ROLLER BEARING	1			39,688X76,200X25,654		
230	0734.401.267		PISTON RING	2			40,000X2,500		

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Material number: 4657.055.131

Plant: 465717601700





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Material number: 4657.055.131

Plant: 465717601700



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	4657.376.010		SHAFT	1		Z00009825310	Z=58		
20	0636.607.039		STUD	1			M10X16		
40	4657.275.010		CLUTCH	1					
/42	4657.375.019		DISC CARRIER	1			Z=34*Z=42		
/52	4657.275.006		PISTON	1			KPL.		
//30	0634.313.643		O-RING	1			75X3		
//40	0634.313.719		O-RING	1			142X3		
/74	0730.110.373		WASHER	1					
/80	0730.011.028		SUPPORTING RING	1					
/90	0732.042.711		COMPRESSION SPRING	1					
/92	0501.324.228		L-RING	1					
/106	0501.212.371		FRICTION DISC	1					
/110	0501.212.370		DISC	10					
/120	0501.316.592		INNER CLUTCH DISK	10					
/130	4657.371.045		END SHIM	1			Z=34		
/150			SNAP RING	1					
	0730.513.701		SNAP RING	1			h=2,1		
	0730.513.702		SNAP RING	1			h=2,25		
	0730.513.703		SNAP RING	1			h=2,4		
	0730.513.704		SNAP RING	1			h=2,55		
	0730.513.705		SNAP RING	1			h=2,7		
	0730.513.706		SNAP RING	1			h=2,85		
	0730.513.707		SNAP RING	1			h=3,0		
	0730.513.708		SNAP RING	1			h=3,15		
	0730.513.709		SNAP RING	1			h=3,30		
	0730.513.710		SNAP RING	1			h=3,45		
	0730.513.711		SNAP RING	1			h=3,60		
	0730.513.712		SNAP RING	1			h=3,75		
	0730.513.713		SNAP RING	1			h=3,90		
	0730.513.714		SNAP RING	1			h=4,05		
	0730.513.715		SNAP RING	1			h=4,20		
160	4657.375.003		IDLER	1			Z=52		
170	0735.321.408		NEEDLE CAGE	1			K 60,0X68,0X20,0		
180	0735.301.814		BALL BEARING	1			55,000X90,000X18,000		

Page 2 from 2

Material number: 4657.055.131

Plant: 465717601700



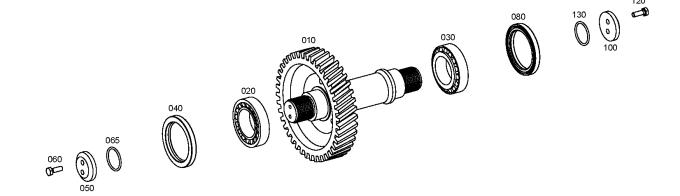
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN KIT	Alternative material
190	0630.502.042		RETAINING RING	1			90X3		
200	0630.501.038		RETAINING RING	1			55X2		
210	0735.300.548		TAPERED ROLLER BEARING	1			44,450X95,250X28,575		
220	0735.300.550		TAPERED ROLLER BEARING	1			39,688X76,200X25,654		
230	0734.401.267		PISTON RING	2			40,000X2,500		

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Material number: 4657.055.131

Plant: 465710301000





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Material number: 4657.055.131

Plant: 465710301000



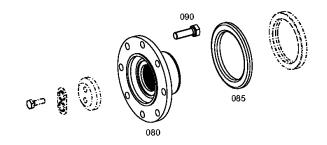
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	4657.303.043		OUTPUT SHAFT	1		K01317/0610	Z=42*Z=46*Z=42		
20	0735.300.547		TAPERED ROLLER BEARING	1			66,675X112,712X30,162		
30	0735.300.547		TAPERED ROLLER BEARING	1			66,675X112,712X30,162		
40	0750.111.116		SHAFT SEAL	1			90,0X120,0X13,0		
50	4644.303.259		WASHER	1			68,000X15,500		
60	0636.100.787		HEXAGON SCREW	2			M10X30		
65	0634.303.466		O-RING	1			48X4		
80	0750.111.116		SHAFT SEAL	1			90,0X120,0X13,0		
100	4644.303.259		WASHER	1			68,000X15,500		
120	0636.100.787		HEXAGON SCREW	2			M10X30		
130	0634.303.466		O-RING	1			48X4		

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Material number: 4657.055.131

Plant: 465710342900





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Material number: 4657.055.131

Plant: 465710342900



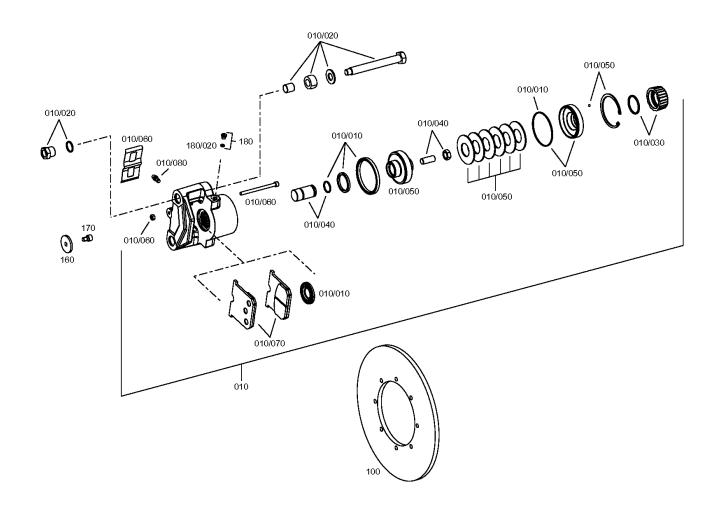
	POS.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	RAN KIT	Alternative material
- [80	4657.303.034		OUTPUT FLANGE	1		K01229/0210			
- [85	4657.303.018		SCREEN SHEET	1		K01229/0210			
1	90	0636.020.082		HEXAGON SCREW	8			M14X1,5X45		

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Material number: 4657.055.131

Plant: 465610901800





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Material number: 4657.055.131

Plant: 465610901800



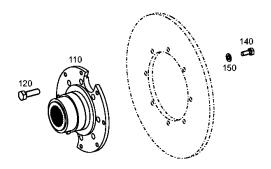
Pos.	Material	Customer material	Name	Quantity	ME	Amend, no.	Techn. Info.	Rep kit	Alternative
	number			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				1	material
10	0501.216.078		BRAKE	1					
/10	0501.298.641		SEAL KIT	1					
/20	0501.298.643		REPAIR KIT	1					
/30	0501.298.558		REPAIR KIT	1					
/40	0501.298.559		REPAIR KIT	1					
/50	0501.298.642		REPAIR KIT	1					
/60	0501.298.561		REPAIR KIT	1					
/70	0501.298.562		BRAKE LINING KIT	1					
/80	0501.209.288		BREATHER	1					
100	4462.301.207		BRAKE DISC	1					
160	0730.109.980		WASHER	1			A=5,00		
170	0636.102.336		CAP SCREW	1			M10X16		
180	4475.280.197		SCREW PLUG	1			M10X1 KPL.MIT O-RING		
/20	0634.303.280		O-RING	1			8X1,5		

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Material number: 4657.055.131

Plant: 465710940900





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Material number: 4657.055.131

Plant: 465710940900



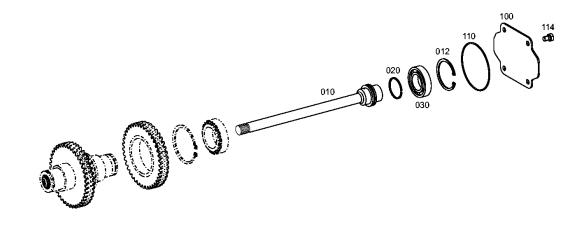
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN KIT	Alternative material
110	4644.309.001		OUTPUT FLANGE	1					
120	0636.020.082		HEXAGON SCREW	8			M14X1,5X45		
140	0636.015.166		HEXAGON SCREW	8			M10X25		
150	0630.001.014		WASHER	8					

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Material number: 4657.055.131

Plant: 465715400400





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Material number: 4657.055.131

Plant: 465715400400



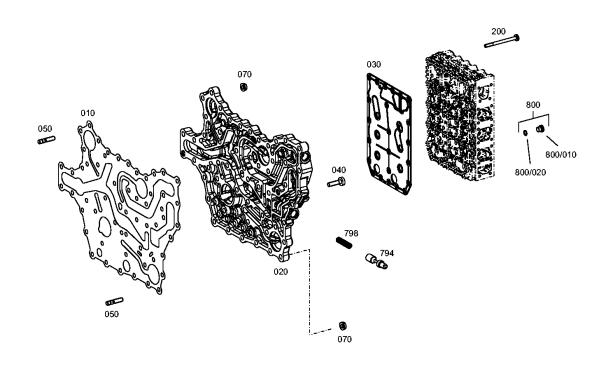
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN KIT	Alternative material
10	4657.354.020		PUMP SHAFT	1		K01714/9710	Z=21*Z=14		
12	0630.502.040		RETAINING RING	1			85X3		
20	0634.402.557		R-RING	1		K01706/0010	60X3		
30	0750.116.008		BALL BEARING	1			45,000X85,000X19,000		
100	4656.354.009		COVER PLATE	1		K00889/9710			
110	0634.304.616		O-RING	1			130X3		
114	0636.102.411		HEXAGON SCREW	4			M12X18		

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Material number: 4657.055.131

Plant: 465710601200





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Material number: 4657.055.131

Plant: 465710601200



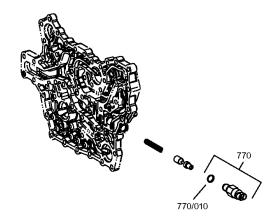
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	4657.306.022		GASKET	1					
20	4657.306.029		DUCT PLATE	1					
30	4656.306.179		INTERMEDIATE SHEET	1		Z00016403510			
40	0736.300.233		TORX SCREW	36			M8X30		
50	0636.102.496		STUD	14			M8X25		
70	0637.100.139		HEXAGON NUT	14			M8		
200	0736.300.093		TORX SCREW	23			M6X76		
794	4657.306.031		PISTON	1					
798	0732.042.761		COMPRESSION SPRING	1			D=1,6		
800	4475.280.197		SCREW PLUG	8			M10X1 KPL.MIT O-RING		
/20	0634.303.280		O-RING	1			8X1,5		

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Material number: 4657.055.131

Plant: 465710640720





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Material number: 4657.055.131

Plant: 465710640720



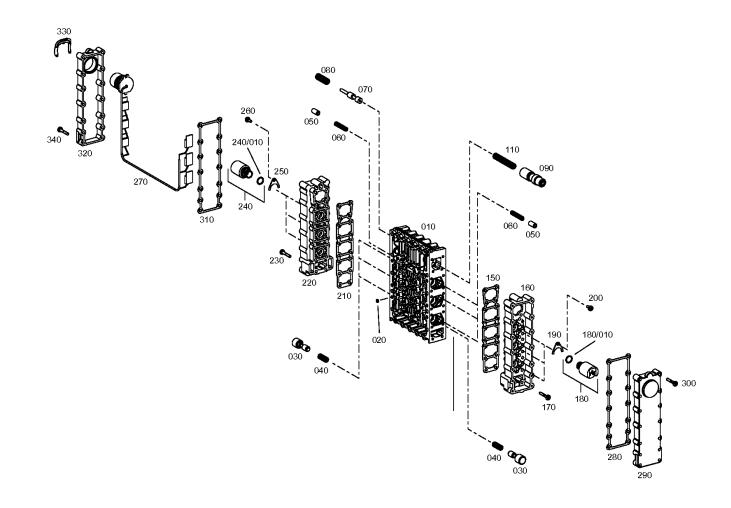
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	iken kit	Alternative material
770	0501.210.966		TAPPET SWITCH	1					
/10	0634.306.523		O-RING	1			13X2		

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Material number: 4657.055.131

Plant: 465615901921



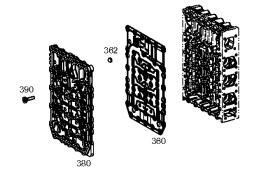


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Material number: 4657.055.131

Plant: 465615901922





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Material number: 4657.055.131

Plant: 465615901921



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
10	4656.306.170		VALVE BLOCK	1					
20	0730.361.070		ORIFICE	6			D=0,8 IN 0730 361 120(2)		
30	4656.306.095		PISTON	6					
40	0732.042.538		COMPRESSION SPRING	6					
50	4656.306.013		PISTON	6					
60	0732.042.539		COMPRESSION SPRING	6					
70	4656.306.074		PISTON	1					
80	0732.042.631		COMPRESSION SPRING	1					
90	4656.306.152		CONTROL PISTON	1					
110	0732.042.719		COMPRESSION SPRING	1					
150	4656.306.158		GASKET	1					
160	4656.306.116		HOUSING	1					
170	0736.300.229		TORX SCREW	18			M5X30		
180	0501.314.770		PRESSURE REGULATOR	3			VR030AA032D03 MAGNET-SCHULT		
/10	0734.313.134		O-RING	1					
190	1043.326.045		FIXING PLATE	3					
200	0736.101.094		TORX SCREW	3			M5X12		
210	4656.306.158		GASKET	1					
220	4656.306.116		HOUSING	1					
230	0736.300.229		TORX SCREW	18			M5X30		
240	0501.314.770		PRESSURE REGULATOR	3			VR030AA032D03 MAGNET-SCHULT		
/10	0734.313.134		O-RING	1					
250	1043.326.045		FIXING PLATE	3					
260	0736.101.094		TORX SCREW	3			M5X12		
270	4656.206.006		WIRING HARNESS	1			KPL.HSG-94 SERIE 1		
280	4656.306.157		GASKET	1					
290	4656.306.054		COVER	1					
300	0736.300.229		TORX SCREW	14			M5X30		
310	4656.306.157		GASKET	1					
320	4656.306.055		COVER	1					
330	1058.327.026		RETAINING CLAMP	1					
340	0736.300.229		TORX SCREW	14			M5X30		
360	4656.306.180		INTERMEDIATE SHEET	1		Z00016403510			
362	0501.316.715		SCREEN	6					

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Material number: 4657.055.131

Plant: 465615901921



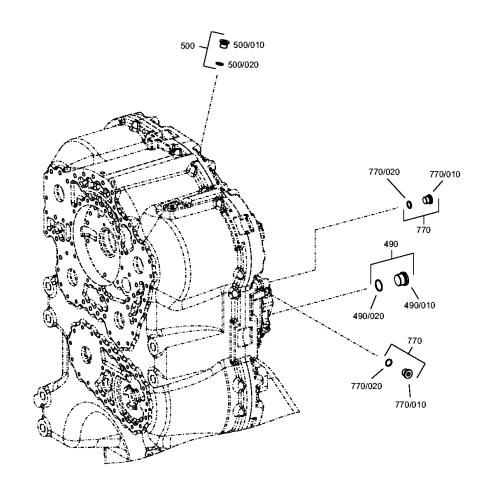
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	ikeb kit	Alternative material
380	4656.306.150		DUCT PLATE	1					
390	0736.300.092		TORX SCREW	18			M6X23		

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Material number: 4657.055.131

Plant: 465712300300





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Material number: 4657.055.131

Plant: 465712300300



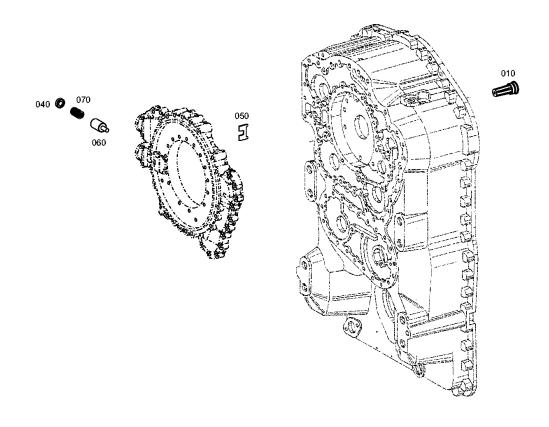
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN KIT	Alternative material
490	4475.280.209		SCREW PLUG	1					
/20	0634.313.233		O-RING	1			23X2		
500	4475.280.208		SCREW PLUG	1					
/20	0634.316.523		O-RING	1			13X2		
770	4475.280.208		SCREW PLUG	2					
/20	0634.316.523		O-RING	1			13X2		

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Material number: 4657.055.131

Plant: 465612000300





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Material number: 4657.055.131

Plant: 465612000300



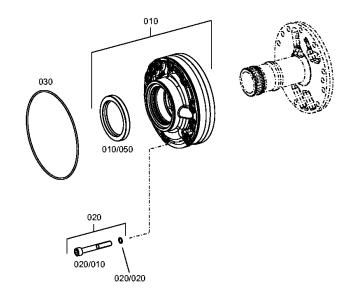
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN KIT	Alternative material
10	0501.211.384		VALVE	1		K00720/9810			
40	4656.306.077		PRESSURE PLATE	1					
50	4656.306.078		LOCKING PLATE	1					
60	4656.306.107		PISTON	1		K00720/9810			
70	0732.042.767		COMPRESSION SPRING	1		K00720/9810			

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Material number: 4657.055.131

Plant: 465712200500





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Material number: 4657.055.131

Plant: 465712200500



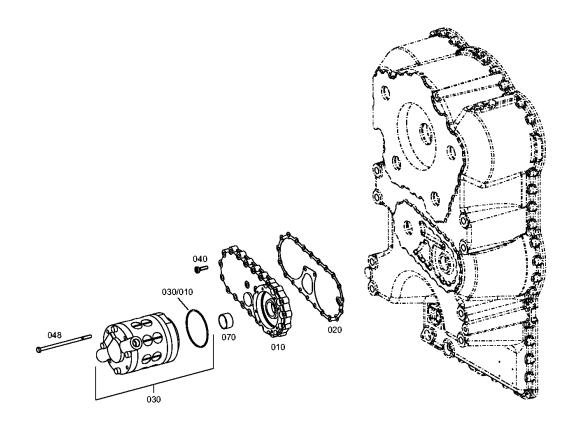
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN VIT	Alternative material
10	0501.214.895		GEAR PUMP	1					
/50	0634.311.837		SHAFT SEAL	1			75X95X10		
20	4475.280.205		CAP SCREW	10					
/20	0634.313.215		O-RING	1			9,5X1,6		
30	0634.313.999		O-RING	1		K01165/0610	182X3		

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Material number: 4657.055.131

Plant: 465713700400





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Material number: 4657.055.131

Plant: 465713700400



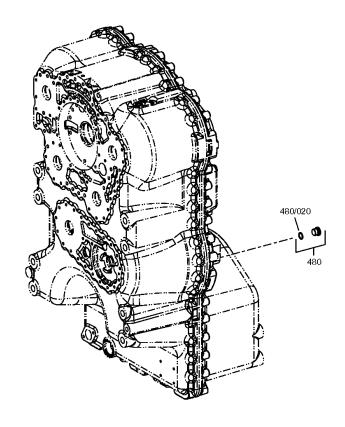
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN KIT	Alternative material
10	4656.337.001		COVER	1					
20	4656.337.010		GASKET	1		K00072/0110			
30	8607.955.145		PISTON PUMP	1					
/260	0634.316.304		O-RING	1			100X3		
40	0736.300.233		TORX SCREW	23			M8X30		
48	0636.010.416		HEXAGON SCREW	4			M8X170		
70	0735.300.798		PLAIN BEARING	1			37,000X40,000X20,000		

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Material number: 4657.055.131

Plant: 465710700300





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Material number: 4657.055.131

Plant: 465710700300



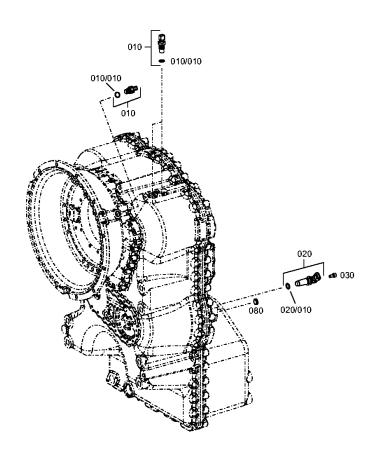
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRen KIT	Alternative material
480	4475.280.011		SCREW PLUG	1			M18X1,5 KPL.MIT O-RING		
/20	0634.306.524		O-RING	1			15X2		

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Material number: 4657.055.131

Plant: 465712500200





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Material number: 4657.055.131

Plant: 465712500200



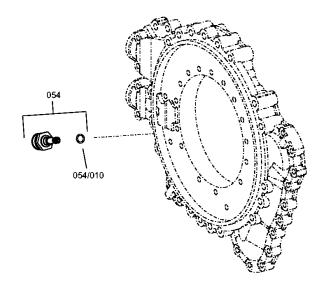
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN KIT	Alternative material
10	0501.209.719		INDUCTIVE SENSOR	3		K00250/97110			
/10	0734.313.125		O-RING	1					
20	0501.317.949		SPEED SENSOR	1		K02042/9910	ENTHALT.IN 0501 317 941(2)		
/10	0634.313.728		O-RING	1			15,54X2,62		
30	0636.115.293		CAP SCREW	1			M8X16		
80	0501.318.288		SEALING CAP	1					

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Material number: 4657.055.131

Plant: 465712400300





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Material number: 4657.055.131

Plant: 465712400300



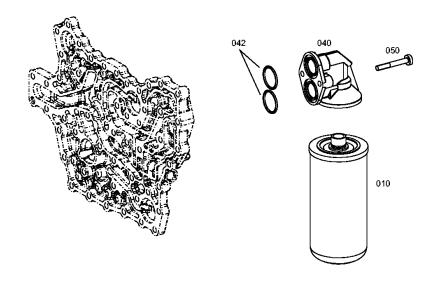
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	Rep kit	Alternative material
54	0501.322.534		TEMPERATURE SENSOR	1		K00546/0610			
/10	0634.313.366		O-RING	1			11X2		

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Material number: 4657.055.131

Plant: 465613801500





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Material number: 4657.055.131

Plant: 465613801500



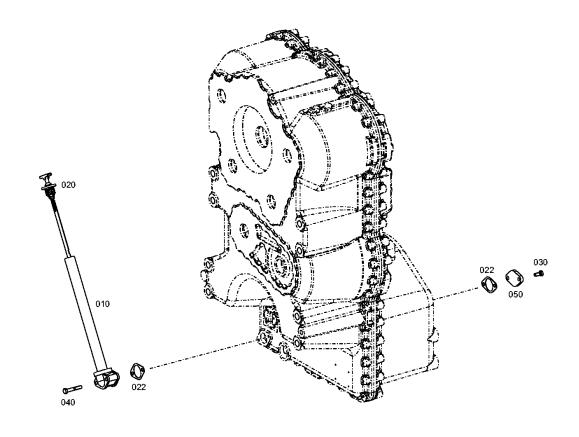
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN KIT	Alternative material
10	0501.333.764		PRESSURE FILTER	1					
40	0501.210.925		FILTER HEAD	1			KPL.		
42	0634.306.053		O-RING	2		K01160/0610	34,2X3		
50	0736.300.183		TORX SCREW	2			M8X60		

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Material number: 4657.055.131

Plant: 465713100400





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Material number: 4657.055.131

Plant: 465713100400



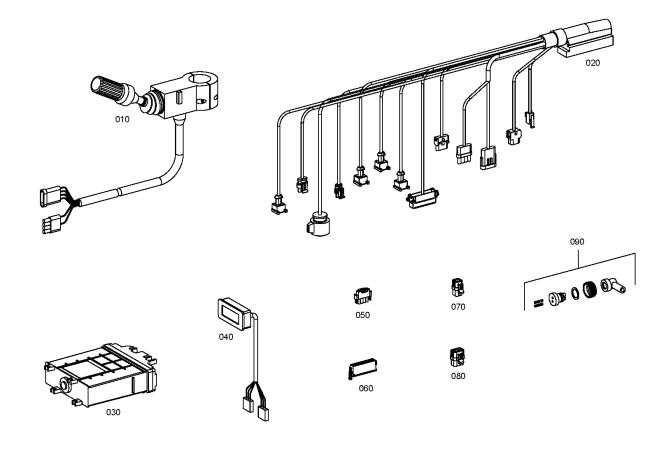
Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN KIT	Alternative material
10	4642.231.127		OIL LEVEL TUBE	1					
20	4657.231.003		OIL DIPSTICK	1					
22	4642.331.216		GASKET	1					
30	0636.015.681		HEXAGON SCREW	2			M8X18		
40	0636.100.722		HEXAGON SCREW	2			M8X50		
45	4642.331.216		GASKET	1					
50	4644.301.014		COVER PLATE	1			E=8		

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Material number: 4657.055.131

Plant: 465718331900





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Material number: 4657.055.131

Plant: 465718331900



Pos.	Material number	Customer material	Name	Quantity	ME	Amend. no.	Techn. Info.	IRAN KIT	Alternative material
10	0501.216.209		RANGE SELECTOR	1			KPL.		
20	6029.017.060		CABLE OFF-ROAD	1			EST37 OFFENE STECKER LANG		
30	6057.018.720		EST 37 A	1					
/30	6057.318.720		EPROM MEMORY	1					
40	6007.203.236		DISPLAY	1			KPL.2 X 4POL.MATE-N-LOK		
50	6029.199.008		PLUG KIT	1			STECKER 4POL M-N-L BU		
60	6029.199.043		PLUG KIT	1			STECKER 22POL BU JUN.P.T.		
70	6029.199.075		PLUG KIT	1			STECKER 4POL JPT ST		
80	6029.199.031		PLUG KIT	1			STECKER 6POL M-M-L BU		
90	6029.199.003		PLUG KIT	1			STECKER 2POL M27		