

# Spare Parts Catalog 5 WG 310

Material number: 4646.075.002

Current date: 21.11.2022

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#### Notes relating to the spare parts catalog

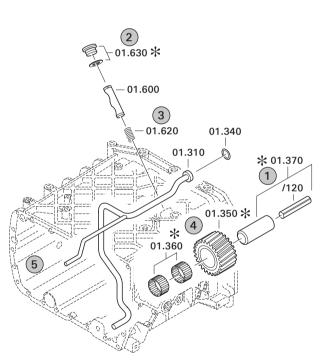


#### Setup of the spare parts catalog

- 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	Sachnummer Benennung (Description)					
068.08.17	1316.170.001	AUSLEGER	WL	SHIFT TURRET	1	Stk
068.08.06	1316.170.031	DECKEL	WL*H-H *VM	COVER	1	Stk
0680814	1316.170.808	DECKEL	WL*AUSL+GEH*H-H*HF160N	COVER	1	Stk
08	1316.170.441	ANSCHLUSSTEILE	WL*NG-VORB*RG-SCHL*168N *BAJONETT	CONNECTING PARTS	1	Stk

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

#### 1 Positions and subpositions

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

#### (4) \*-Positions

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

je nach Stücklistenausführung depending on spec. number suivant la nomenclature secondo la 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: DEERE DAV.	
	COSTUMER-IDENT-NUMBER: AT334698	
	STATE: USA	
	VEHICLE DATA:	
	VEHICLE APPLICATION: 844K	
	WEIGHT LOADED (TO): 31,5	
	ENGINE: JD844K	
	ENGINE POWER(KW): 283,5	
	SPEED (RPM): 1800	
	INPUT TORQUE(NM): 1834	
	SPEED (RPM): 1400	
	TIRES: 29,5 R25 L3	
	TIRE RADIUS (M): 0,877	
	AXLE RATIO: 27	
	MAX. SPEED (KM/H): 44	
	PRODUCT DESCRIPTION: ZF-ERGOPOWER TRANSMISSION	
	TRANSMISSION TYPE 5 WG 310 (4)	
	DROP CENTER DISTANCE: 575 MM	
	VEHICLE: LOADER	
	VERSION STANDARD	
	1. GEAR FORWARD: 3,731	
	2. GEAR FORWARD: 2,207	
	3. GEAR FORWARD: 1,421	
	4. GEAR FORWARD: 0,970	
	5. GEAR FORWARD: 0,625	
	1. GEAR REVERSE: 3,731	
	2. GEAR REVERSE: 2,207	
	3. GEAR REVERSE: 0,970	
	NUMBER OF PULSES ENGIN: 60	
	NUMBER OF PULSES TURB: 59	
	NUMBER OF PULSES MRK: 91	
	NUMBER OF PULSES OUTP.: 64	
	SHIFTED CLUTCHES 1G.KV/K1 2G.KV/K2 3G.K4/K2	

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Pos.	Information	Amendment number
	SHIFTED COUPLING 4G.KV/K3 5G.K4/K3	
	CONVERTER: W 400	
	CONVERTER PART NO: 040 H 110	
	LOCK-UP CLUTCH: WITH,PROP. REGULATED	
	SETTING INSTRUKTIONS 4646 700 295 OPERATING PR 12+2	
	STALL TORQUE RATIO: 2,46	
	TORQUE CONVERTER ABS.: 253 NM	
	STATOR FREEWHEEL: WITH	
	RETARDER: WITHOUT	
	ENGINE INPUT: REMOTE MOUNTED VIA JOINT SHAFT	
	INPUT FLANGE: MECHANIC	
	INPUT FLANGE-TYPE: MECH 7 C	
	OUTPUT: STANDARD	
	OUTPUT CONVERTER SIDE: WITHOUT AXLE DISCONNECT	
	OUTPUT FLANGECONVERTER MECHANIC	
	OUTPUT FLANGE TYPE: MECH 8,5 C	
	OUTPUT PTO SIDE: WITHOUT PARKING BRAKE	
	OUTPUT FLANGE PTO SIDE: MECHANIC	
	OUTPUT FLANGE-TYPE: MECH 8,5 C	
	POWER TAKE OFF: 1 PTO COAXIAL ENGINE-DEPENDENT	
	3 PTO TOP BRAKE SIDE	
	1. POWER TAKE OFF:	
	FLANGE: SAE C C 2 4 M14 M16	
	DRIVER / PROFILE: SAE C - C 12/24 DP 17 Z	
	DISCONNECTION: WITHOUT	
	3. POWER TAKE OFF:	
	FLANGE: SAE C C 2/4 LOCH J D	
	DRIVER / PROFILE: SAE C 12/24 DP 17 Z	
	RATIO 3 PTO 1:1	
	GEAR CHANGE CONTROL: ZF-ERGOSHIFT/ PROP VALVE/LOCK UP-I	
	VOLTAGE: 24 VOLT	
	OPERATING PRESSURE: 16+2 BAR	
	CABLE CONNECT. TO EST 3 BAYONET	

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Pos.	Information	Amendment number
	CONTROL SYSTEM:	
	ELECTRIC PARTS ORDER: SEPARATE ORDER	
	SEPERATE ORDER: SIEHE 002000007861	
	CONTROL UNIT: EST 37A	
	VEHICLE SUPPLY VOLTAGE: 24 VOLT	
	GEAR SELECTOR: DW 3	
	DISPLAY: WITHOUT	
	LOAD SENSOR: WITHOUT	
	WIRING: WITHOUT	
	OIL TEMPERATURE SENSOR: WITHOUT	
	SPEED CONTROL: CONNECTION VIA EST	
	OIL LEVEL TUBE: WITHOUT	
	FILTER INSTALLATION: WITHOUT	
	ADAPTER WITHOUT	
	ADDITIONAL FILTER WITHOUT	
	PRES. DROP SWITCH: WITH	
	EMERGENCY STEERING PUMP MOUNTING POSSIBILITY	
	GEARBOX BREATHER: WITH	
	DOCUMENTATION GEAR BOX:	
	GEAR DIAGRAMM: 4646 700 377	
	SECTION DRAWING: 4646 074 009	
	OIL CIRCUIT DIAGRAMM: 4646 700 362	
	DOCU. CONTROL UNIT:	
	DRAWING 6009 665 002	
	DRAWING GEAR SEL. 1: 6006 630 023	
	CONNECTION DIAGRAMM: 6006 700 564	
	CONNECTION DIAGRAMM: 6029 701 969	
	OIL CAPACITY: 32	
	GEARBOX OIL CAPACITY: WITHOUT	
	OEL-CLASS: OIL SPECIFICATION TE ML 03	
	PRIME COAT: 2 YELLOW RAL 1006	
	INSTAL. INSTRUCTIONS: 0000 702 271	
	INSTALLATION DRAWING: 4646 675 002	

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Pos.	Information	Amendment number
	PERFORMANCE CALC.: 4646 708 974	
	ADDITIONAL PERF.CALC: 4646 709 581/582/583/604/605	
	NOTES: FILTER IS ORDERED SEPARATED	

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Picture	Pos.	Material number	Name	Quantit y	Amend. no.	Techn. Info.
4646130034 00	270	4646.130.034	ENGINE CONNECTION	1		
4646130407 00	280	4646.130.407	ENGINE CONNECTION	1		
4166040023 00	500	4166.040.023	CONVERTER	1		
4646102054 00	30	4646.102.054	INPUT	1		
4646102423 00	35	4646.102.423	INPUT	1		
4646101191 00	10	4646.101.191	TRANSMISSION HOUSING	1		
4646162416 00	20	4646.162.416	OIL PIPE	1		
4646108014 00	150	4646.108.014	COUNTERSHAFT	1		
4646151074 00	350	4646.151.074	COUPLING	1		
4646151486 00	352	4646.151.486	COUPLING	1		
4646151471 00	355	4646.151.471	COUPLING	1		
4646152078 00	360	4646.152.078	COUPLING	1		
4646152548 00	367	4646.152.548	COUPLING	1		
4646152523 00	365	4646.152.532	COUPLING	1		
4646153074 00	370	4646.153.074	COUPLING	1		
4646153457 00	375	4646.153.457	COUPLING	1		

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Picture	Pos.	Material number	Name	Quantit y	Amend. no.	Techn. Info.
4646103037 00	50	4646.103.037	OUTPUT	1		
4646103456 00	60	4646.103.456	ОИТРИТ	1		
4646103457 00	70	4646.103.457	OUTPUT	1		
4646154060 00	380	4646.154.060	POWER TAKE-OFF	1		
4646154440 00	390	4646.154.440	POWER TAKE-OFF	1		
4646155012 00	400	4646.155.012	POWER TAKE-OFF	1		
4646156008 00	420	4646.156.008	POWER TAKE-OFF	1		
4646156439 00	430	4646.156.439	POWER TAKE-OFF	1		
4646106022 00	110	4646.106.022	SHIFT SYSTEM	1		
4657106401 00	115	4657.106.401	SHIFT SYSTEM	1		
4656159018 01	120	4656.159.018	SHIFT SYSTEM	1		
4646123009 00	130	4646.123.009	CONTROL UNIT	1		
4646122012 00	225	4646.122.012	PRESSURE OIL PUMP	1		
4646138004 00	330	4646.138.004	FILTER	1		
4646138403 00	340	4646.138.403	FILTER	2		
4646125023 50	250	4646.125.023	INDUCTIVE SENSOR	1		

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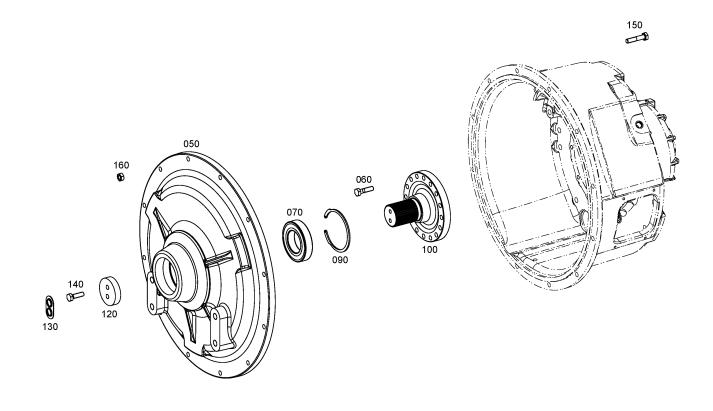
Picture	Pos.	Material number	Name	Quantit y	Amend. no.	Techn. Info.
4646137022 00	310	4646.137.022	EMERGENCY STEERING PUMP	1		
4646137414 00	320	4646.137.414	EMERGENCY STEERING PUMP	1		
4646124005 00	235	4646.124.005	TEMPERATURE SENSOR	1		
4646131010 00	290	4646.131.010	FILLER NOZZLE	1		
4646121078 01	210	4646.121.078	OIL PIPES	1		
4646121416 00	215	4646.121.416	OIL PIPE	1		
4143139001 00	18	4143.139.001	TYPE PLATE	1		

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Material number: 4646.075.002

Picture: 464613003400





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Material number: 4646.075.002

Picture: 464613040700



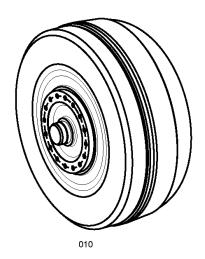


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Material number: 4646.075.002

Picture: 416604002300



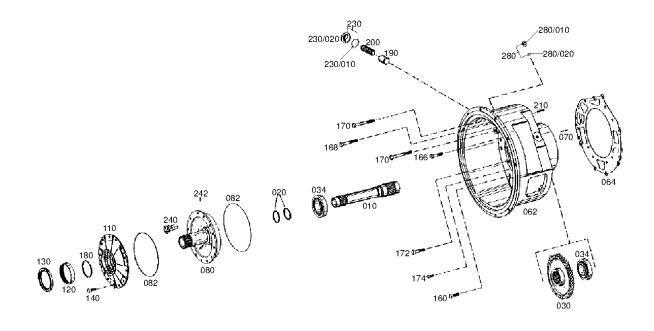


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Material number: 4646.075.002

Picture: 464610205400



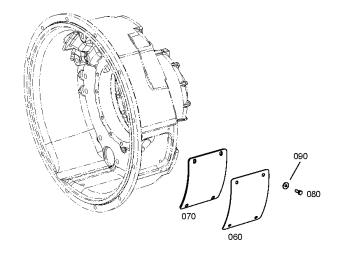


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Material number: 4646.075.002

Picture: 464610242300



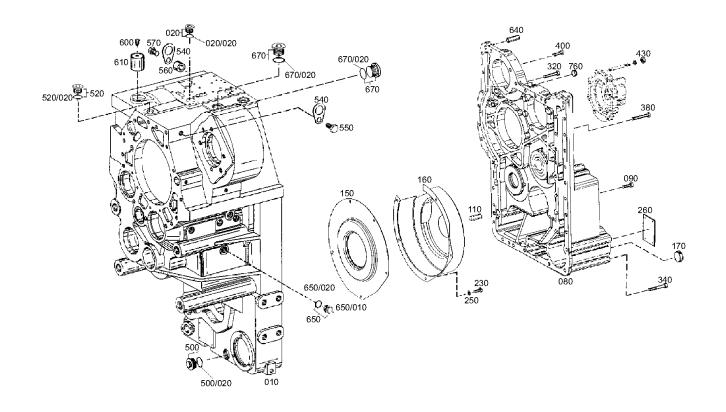


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Material number: 4646.075.002

Picture: 464610119100



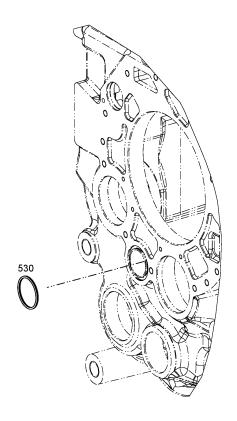


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Material number: 4646.075.002

Picture: 464616241600



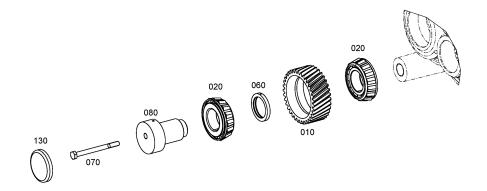


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Material number: 4646.075.002

Picture: 464610801400



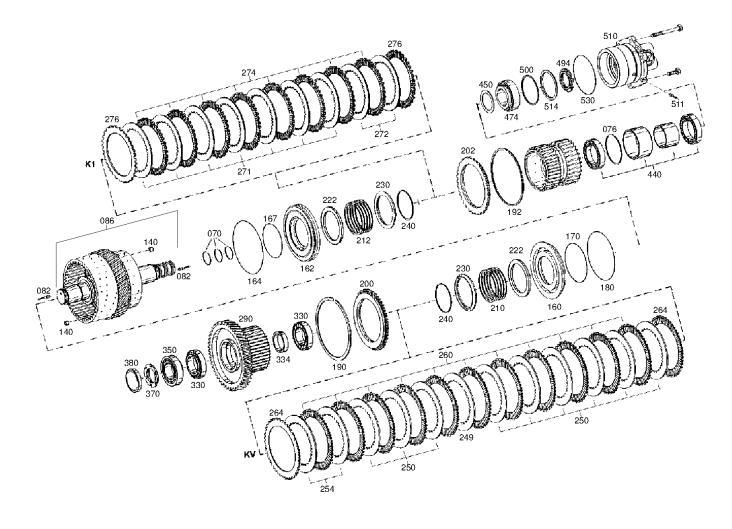


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Material number: 4646.075.002

Picture: 464615107400



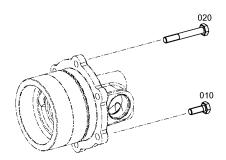


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Material number: 4646.075.002

Picture: 464615148600





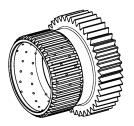
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Material number: 4646.075.002

Picture: 464615147100

Material-assembly-group-no: 4646.151.471





400

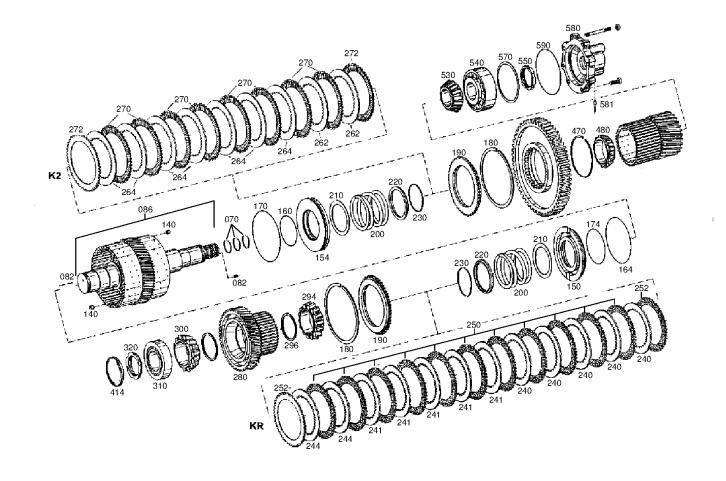
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Material number: 4646.075.002

Picture: 464615207800

COUPLING





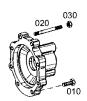
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Material number: 4646.075.002

Picture: 464615254800

COUPLING



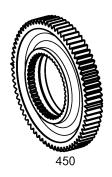


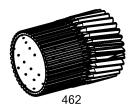
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Material number: 4646.075.002

Picture: 464615252300





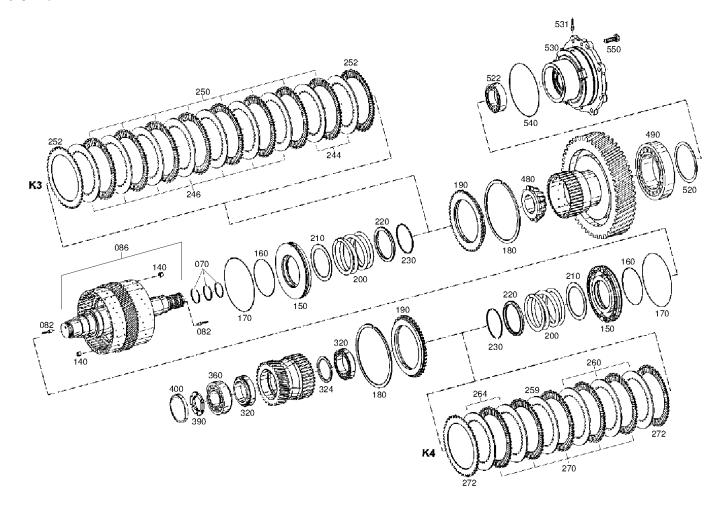


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Material number: 4646.075.002

Picture: 464615307400



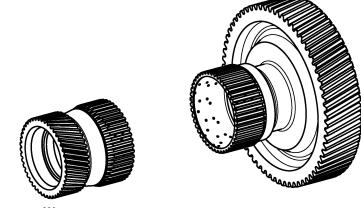


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Material number: 4646.075.002

Picture: 464615345700



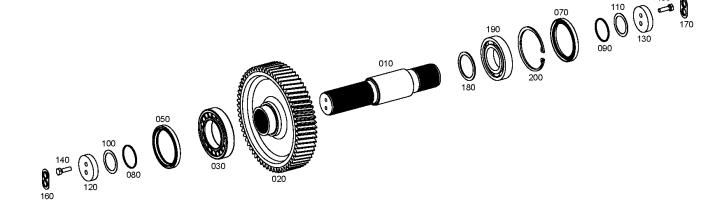


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Material number: 4646.075.002

Picture: 464610303700



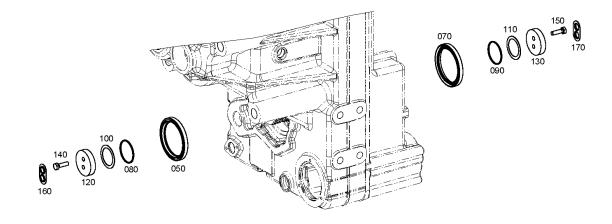


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Material number: 4646.075.002

Picture: 464610303780



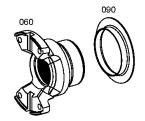


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Material number: 4646.075.002

Picture: 464610345600



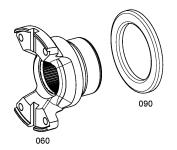


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Material number: 4646.075.002

Picture: 464610345700



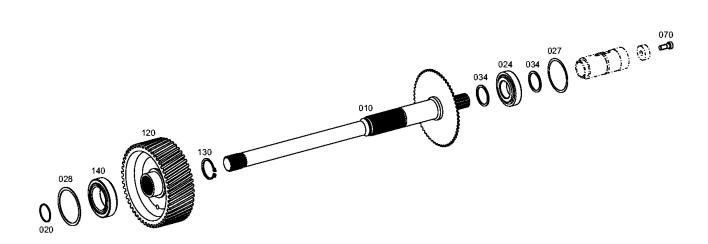


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Material number: 4646.075.002

Picture: 464615406000



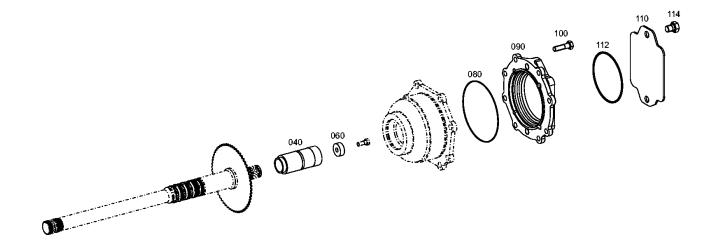


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Material number: 4646.075.002

Picture: 464615444000



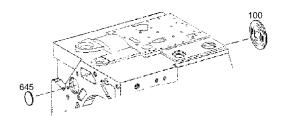


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Material number: 4646.075.002

Picture: 464615501200



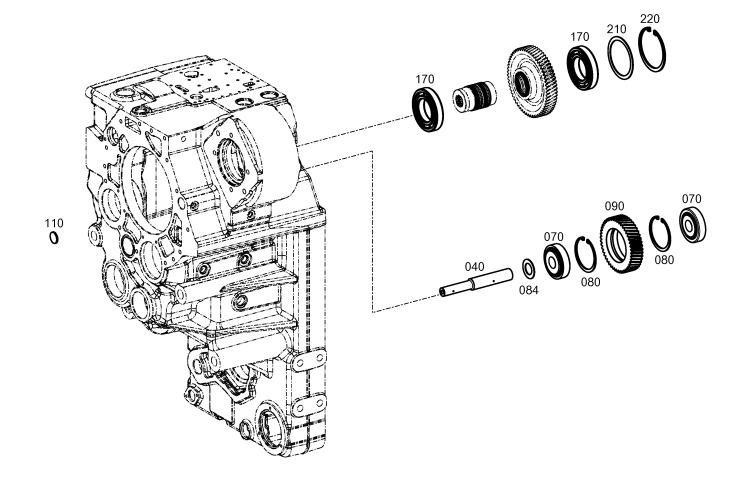


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Material number: 4646.075.002

Picture: 464615600800



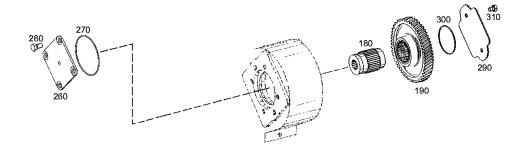


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Material number: 4646.075.002

Picture: 464615643900



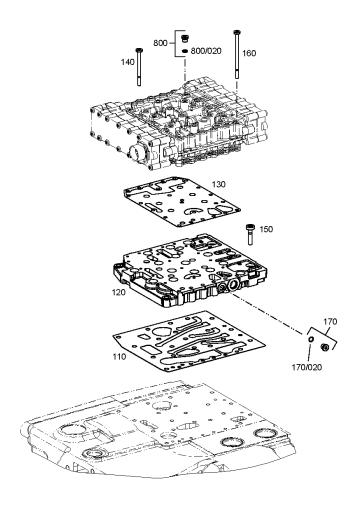


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Material number: 4646.075.002

Picture: 464610602200



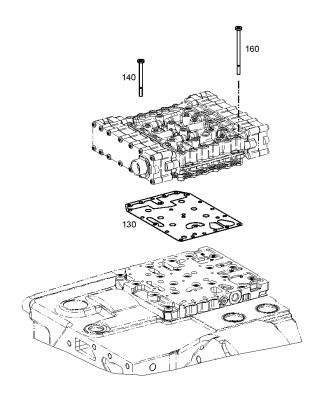


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Material number: 4646.075.002

Picture: 464610602280



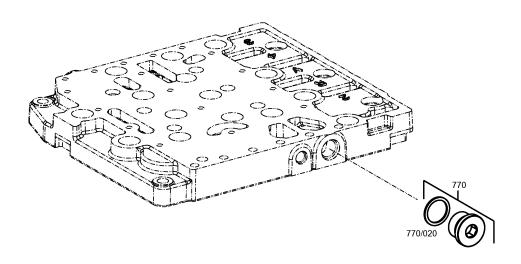


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Material number: 4646.075.002

Picture: 465710640100



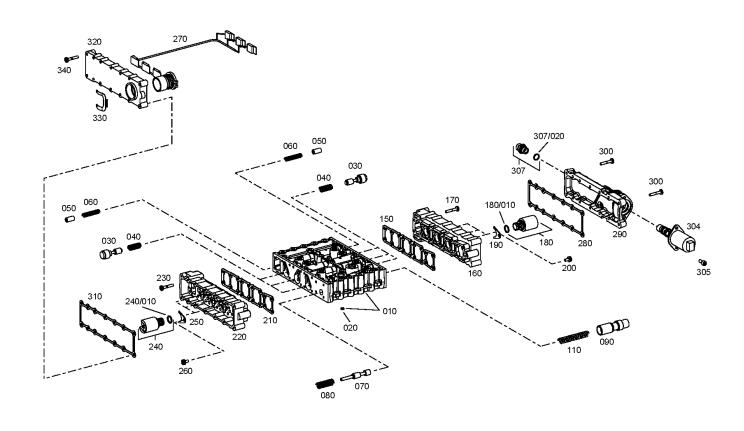


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Material number: 4646.075.002

Picture: 465615901801 SHIFT SYSTEM



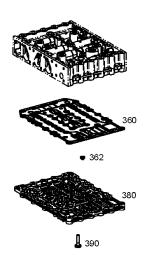


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Material number: 4646.075.002

Picture: 465615901802



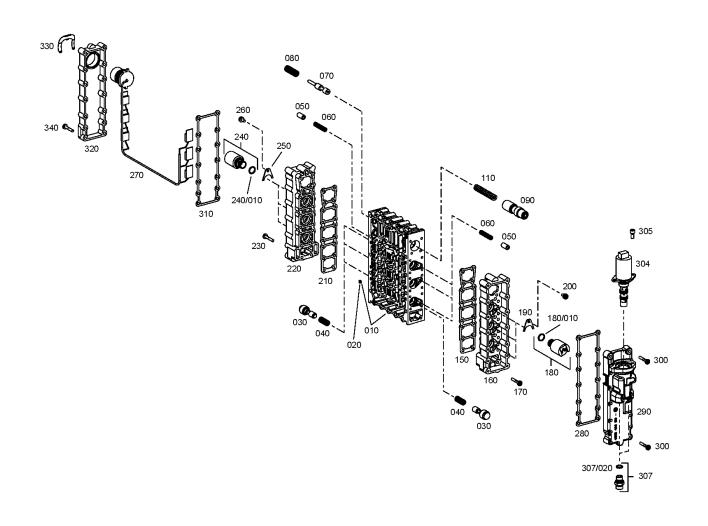


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Material number: 4646.075.002

Picture: 465615901821



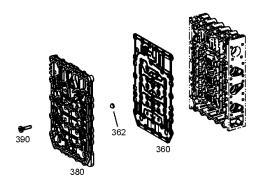


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Material number: 4646.075.002

Picture: 465615901822



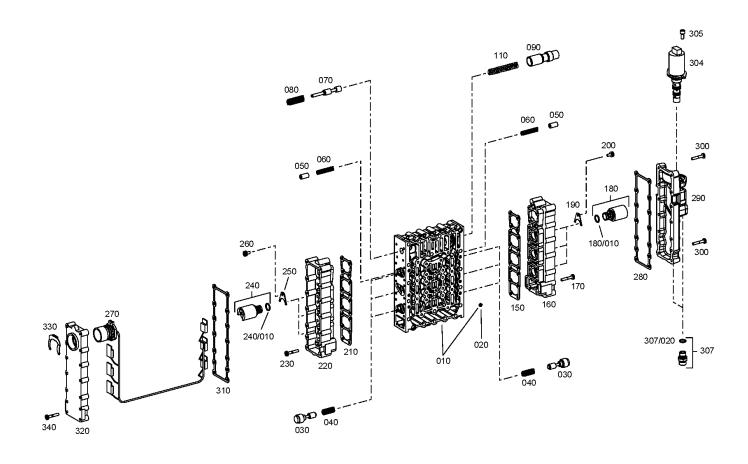


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Material number: 4646.075.002

Picture: 465615901861



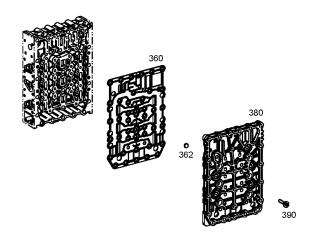


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Material number: 4646.075.002

Picture: 465615901862



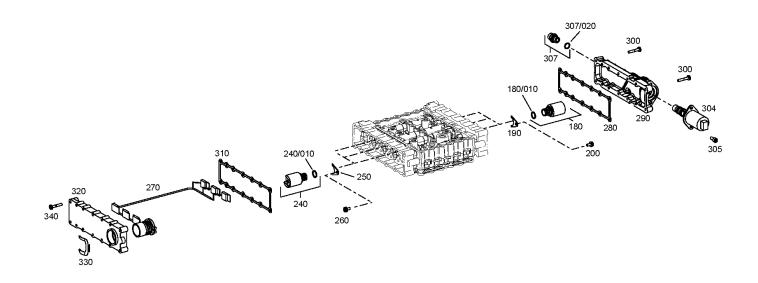


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Material number: 4646.075.002

Picture: 465615901880





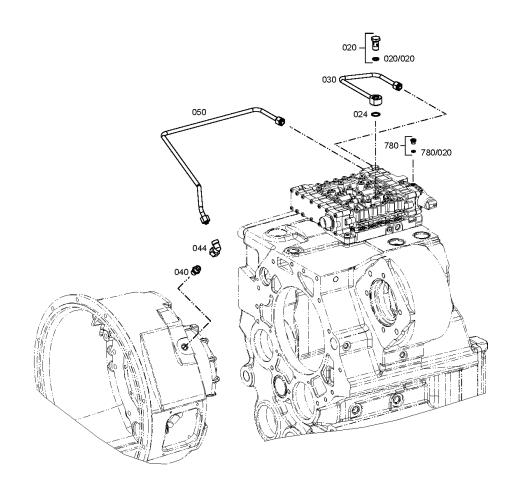
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Material number: 4646.075.002

Picture: 464612300900

Material-assembly-group-no: 4646.123.009





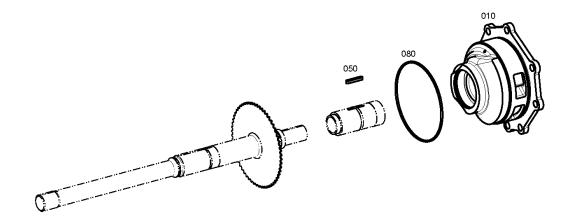
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Material number: 4646.075.002

Picture: 464612201200

Material-assembly-group-no: 4646.122.012





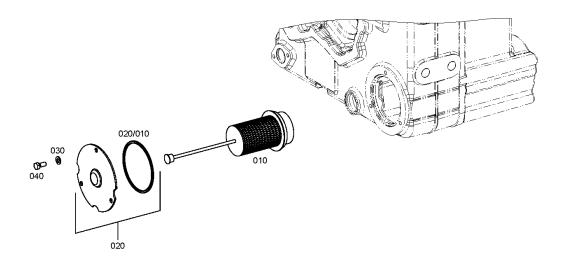
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Material number: 4646.075.002

Picture: 464613800400

Material-assembly-group-no: 4646.138.004





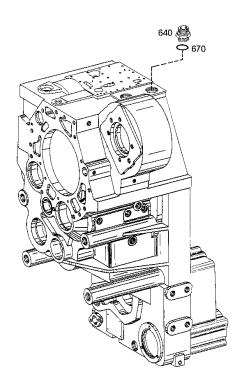
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Picture: 464613840300

Material-assembly-group-no: 4646.138.403





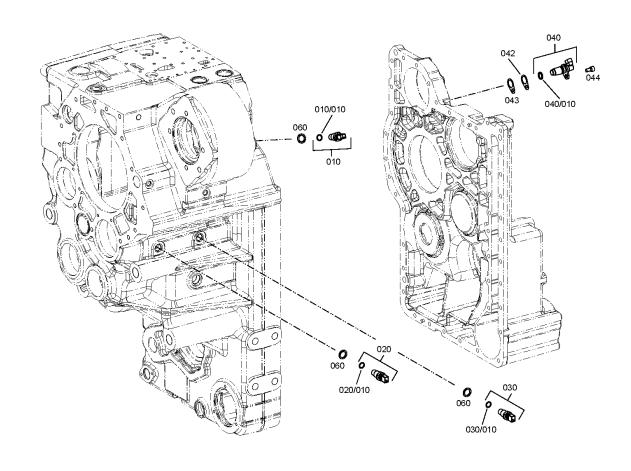
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Material number: 4646.075.002

Picture: 464612502350

Material-assembly-group-no: 4646.125.023





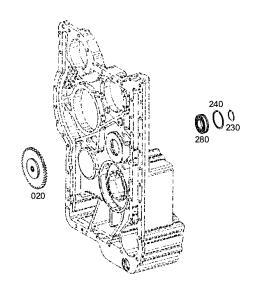
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Material number: 4646.075.002

Picture: 464613702200

Material-assembly-group-no: 4646.137.022





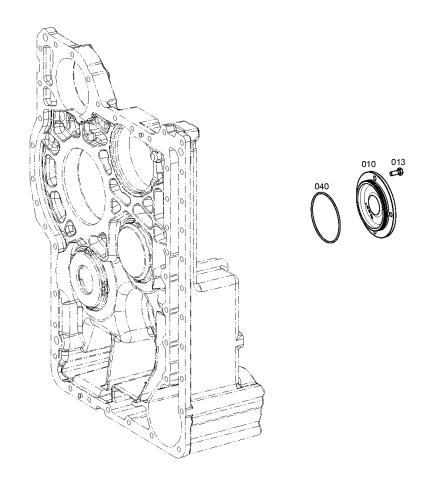
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Material number: 4646.075.002

Picture: 464613741400

Material-assembly-group-no: 4646.137.414





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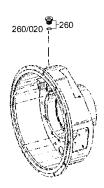
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Material number: 4646.075.002

Picture: 464612400500

Material-assembly-group-no: 4646.124.005





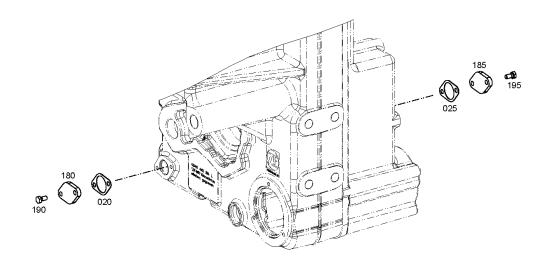
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Material number: 4646.075.002

Picture: 464613101000

Material-assembly-group-no: 4646.131.010





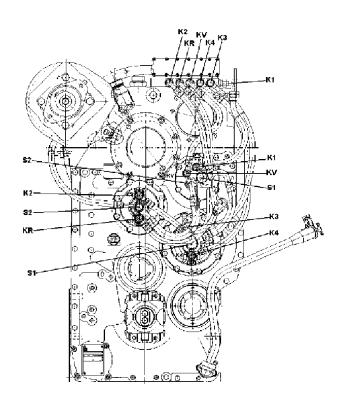
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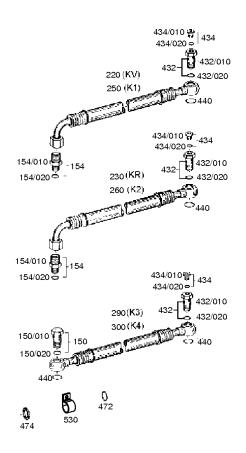
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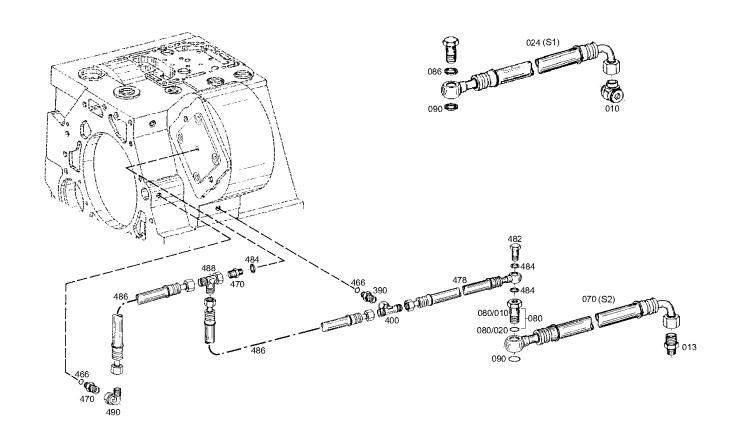
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Material number: 4646.075.002

Picture: 464612107802

Material-assembly-group-no: 4646.121.078





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Material number: 4646.075.002

Picture: 464612141600

Material-assembly-group-no: 4646.121.416





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Material number: 4646.075.002

Picture: 414313900100

Material-assembly-group-no: 4143.139.001



