

Spare Parts Catalog 2 HL 290

Material number: 4143.020.154

Current date: 27.07.2015

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Notes relating to the spare parts catalog

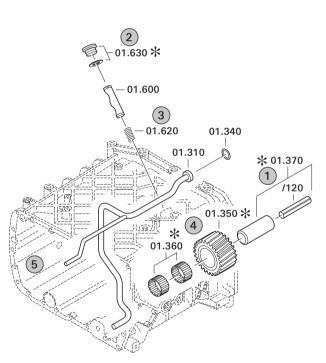


Setup of the spare parts catalog

- 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 Product number (Description)		Technische Info Technical info	Description (Benennung)	Menge Quantity	Einheit Unit
068.08.17	1316.170.001	AUSLEGER	WL	SHIFT TURRET	1	Stk
068.08.06	1316.170.031	DECKEL	WL*H-H *VM	COVER	1	Stk
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)	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

Technical Cover

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Pos.	Information	Amendment number
	CUSTOMER: HYUNDAI	
	VEHICLE DESIGNATION: R170W-9B	
	ENGINE POWER: 86,8 KW	
	WEIGHT EMPTY: 16,200 TO	
	TIRES: 10.00-20-14PR	
	TIRE RADIUS: 0,515 M	
	HYDR. PUMP POWER: 78,0 KW	
	OIL FLOW: 162,6 CDM	
	HYDROMOTOR: A 6 VM 107	
	MANUFACTURER: REXROTH	
	DIFFERENTIAL PRESSURE: 330 BAR	
	FRONT AXLE: MS-E 3060	
	REAR AXLE: MT-E 3060	
	AXLE RATIO: 22,10	
	PERFORMANCE CALC.: 4143 701 642	
	BRAKE CALCULATION: 4143 709 374	
	PRODUCT DESCRIPTION: ZF- POWERSHIFT TRANSMISSION HL	
	TRANSMISSION TYPE: 2 HL 290	
	DROP CENTER DISTANCE: 185 MM	
	TRANSMISSION INSTALLATION: REMOTE MOUNT	
	INSTALLATION POSITION: VERTICAL	
	OUTPUT FLANGE: DIN 120	
	GEAR RATIO: 1ST GEAR=4,869; 2ND GEAR=1,196	
	HYDRO MOTOR SPLINE: N40 X 2 X 30 X 18 X 10H	
	CENTERING DIAMETER: 160 H7	
	VALVE BLOCK: SEPARATELY	
	VOLTAGE: 24 VOLT	
	DOWNSHIFT PROT.: HYDR. CONNECTION M18X1.5	
	SPEED SENSOR: WITHOUT	
	OIL FILLING: WITH	
	GEARBOX OIL - GRADE: TE ML 07	
	OIL FILL QUANTITY CA: 2,50 L	
	TYPE PLATE: ZF- STANDARD	

Technical Cover

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Pos.	Information	Amendment number
	PRIMER PAINT: BLACK RAL 9005	
	SEPARATE ORDER CUSTOMER: 0750.132.166 VALVE BLOCK: 24V	
	DOCUMENTATION:	
	SECTION DRAWING: 4143 020 031	
	INSTALLATION DRAWING: 4143 620 049	
	INSTALL. INSTRUCTIONS: 5872 014 002	

Assembly group overview

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Picture	Pos.	Material number	Name	Quantit y	Amend. no.	Techn. Info.
4143125045 30	490	4143.125.045	INPUT HOUSING	1		
4143101046 00	10	4143.101.046	HOUSING	1		
4143151018 00	810	4143.151.018	MULTIDISK BRAKE	1		
4143152013 30	830	4143.152.013	COUPLING	1		
4143115017 30	290	4143.115.017	PLANETARY DRIVE	1		
4143115404 30	300	4143.115.404	PLANETARY DRIVE	1		
4143115405 30	295	4143.115.405	PLANETARY DRIVE	1		
4143103037 00	50	4143.103.037	OUTPUT	1		
4143103420 50	57	4143.103.420	OUTPUT	2		
4143142025 00	520	4143.142.025	GEAR SHIFT SENSOR	1		
4143142406 00	540	4143.142.406	GEAR SHIFT SENSOR	1		
4143142407 00	525	4143.142.407	GEAR SHIFT SENSOR	1		
4143121011 00	390	4143.121.011	OIL PIPE	1		
4143139001 00	900	4143.139.001	TYPE PLATE	1		

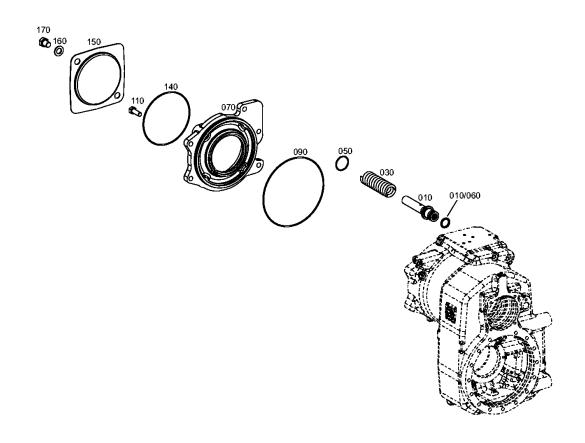
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Material number: 4143.020.154

Picture: 414312504530

Material-assembly-group-no: 4143.125.045





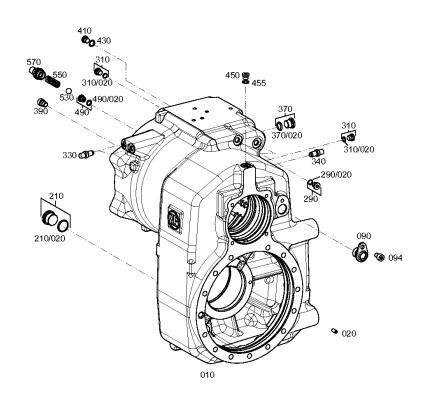
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Material number: 4143.020.154

Picture: 414310104600

Material-assembly-group-no: 4143.101.046





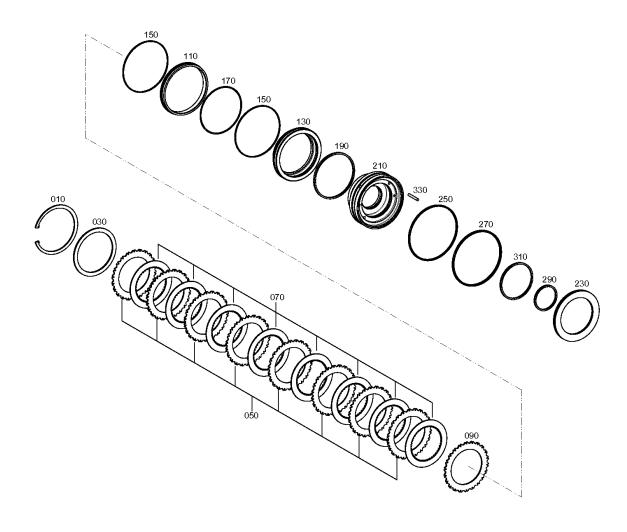
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Material number: 4143.020.154

Picture: 414315101800

Material-assembly-group-no: 4143.151.018





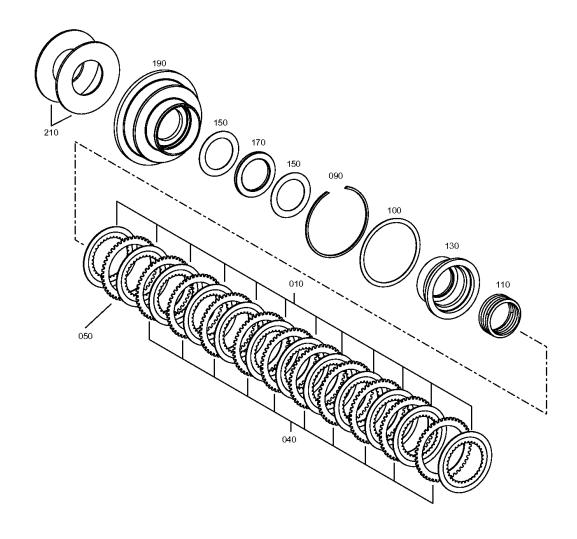
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Material number: 4143.020.154

Picture: 414315201330

Material-assembly-group-no: 4143.152.013





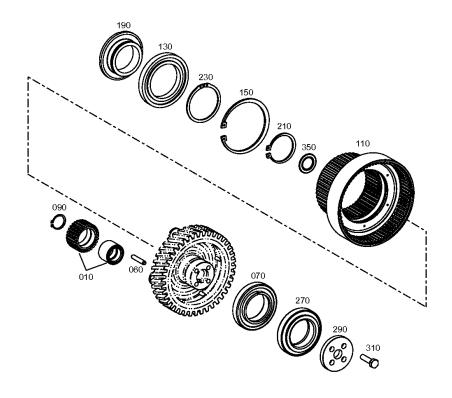
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Material number: 4143.020.154

Picture: 414311501730

Material-assembly-group-no: 4143.115.017





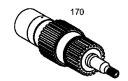
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Material number: 4143.020.154

Picture: 414311540430

Material-assembly-group-no: 4143.115.404





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Material number: 4143.020.154

Picture: 414311540530

Material-assembly-group-no: 4143.115.405





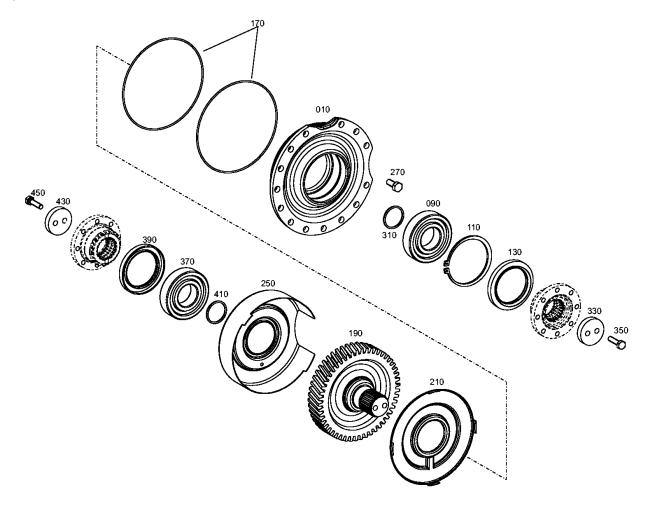
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Material number: 4143.020.154

Picture: 414310303700

Material-assembly-group-no: 4143.103.037





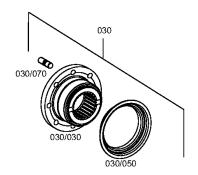
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Material number: 4143.020.154

Picture: 414310342050

Material-assembly-group-no: 4143.103.420





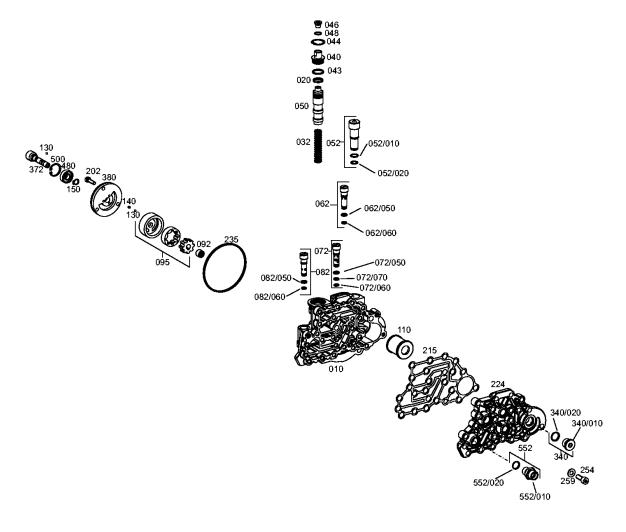
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Material number: 4143.020.154

Picture: 414314202500

Material-assembly-group-no: 4143.142.025





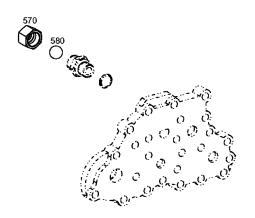
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Material number: 4143.020.154

Picture: 414314240600

Material-assembly-group-no: 4143.142.406





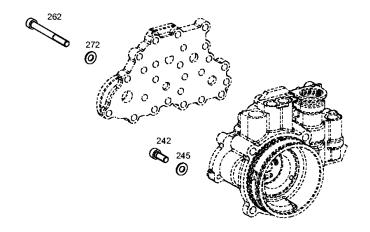
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Material number: 4143.020.154

Picture: 414314240700

Material-assembly-group-no: 4143.142.407





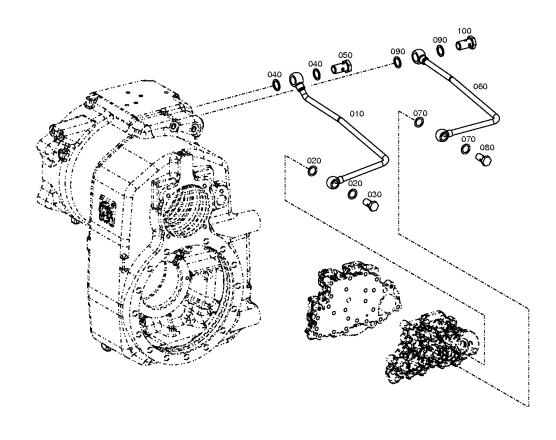
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Material number: 4143.020.154

Picture: 414312101100

Material-assembly-group-no: 4143.121.011





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Material number: 4143.020.154

Picture: 414313900100

Material-assembly-group-no: 4143.139.001



