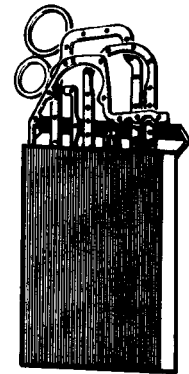
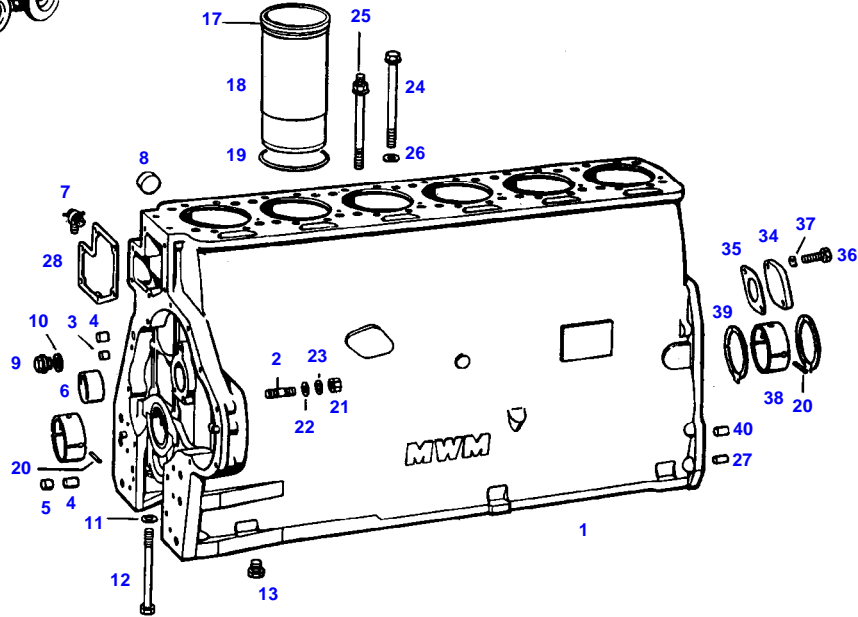


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FARMER 311 (198/05001-07700)
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Item	Part Number	Qty	Description Comments	Technical Specification
	72431088	1	DIESEL ENGINE	
1	72332981	1	CRANKCASE ><1-13,20-23	
2	72313777	4	STUD BOLT	DIN 939 M10X35-8.8
3	72327772	9	PLUG 10 MM	
4	72327773	3	PLUG 14 MM	
5	72327068	2	PLUG 16 MM	
6	72329540	1	BUSH	
7	72378063	1	RELIEF VALVE	DIN71401-CM14X1,5KEG
8	72377226	5	COVER	DIN 443-50
9	72315436	1	SCREW	DIN 908 M10X1-ST A3L
10	72315088	1	SEALING WASHER	DIN 7603 A10X13,5-CU
11	72324592	14	DISC	
12	72327081	14	HEXAGONAL HEAD BOLT	
13	72373972	1	PLUG	DIN 910 M16X1,5-ST
17	72329541	12	SEAL	
18	72425044	6	CYLINDER LINER	
19	72343893	12	SEAL	
20	72375130	7	TENSIONING PIN	ISO8752-4X8-A-ST-ZNPH
21	72372810	4	NUT	DIN 934 M10-10
22	72311789	4	DISC	DIN 125-10,5-ST.A3L
23	72375420	4	TOOTHLOCK WASHER	DIN 6797 A10,5
24	72333013	22	SOCKET HEAD BOLT MUST NOT BE RETIGHTENED	
25	72333014	2	HEXAGONAL HEAD BOLT MUST NOT BE RETIGHTENED	
26	72324592	24	DISC	
27	72313859	4	CYLINDER PIN	DIN 7-8M6X18-ST50K
28	72327043	1	MOLDED SEAL	
34	72343896	1	COVER	
35	72333001	1	SEAL	
36	72315650	2	HEXAGONAL HEAD BOLT	DIN 933 M8 X 20-8.8A3L
37	72315053	2	SPLIT WASHER	FWN 65208-8-A3L
38	72341078	7	MAIN BEARING 70,00 MM	
	72341079	7	MAIN BEARING 69,79 MM	
	72341080	7	MAIN BEARING 69,54 MM	
	72341081	7	MAIN BEARING 69,29 MM	
	72341082	7	MAIN BEARING 69,04 MM	
39	72343910	2	THRUST RING 70,00 MM	
	72343911	2	THRUST RING 69,79 MM	
	72343912	2	THRUST RING 69,54 MM	
	72343913	2	THRUST RING 69,04 MM	
40	72375324	2	CYLINDER PIN	DIN 7-10M6X28-ST50K
41	72376240	1	SEAL KIT D 226 B-6	D226B-6

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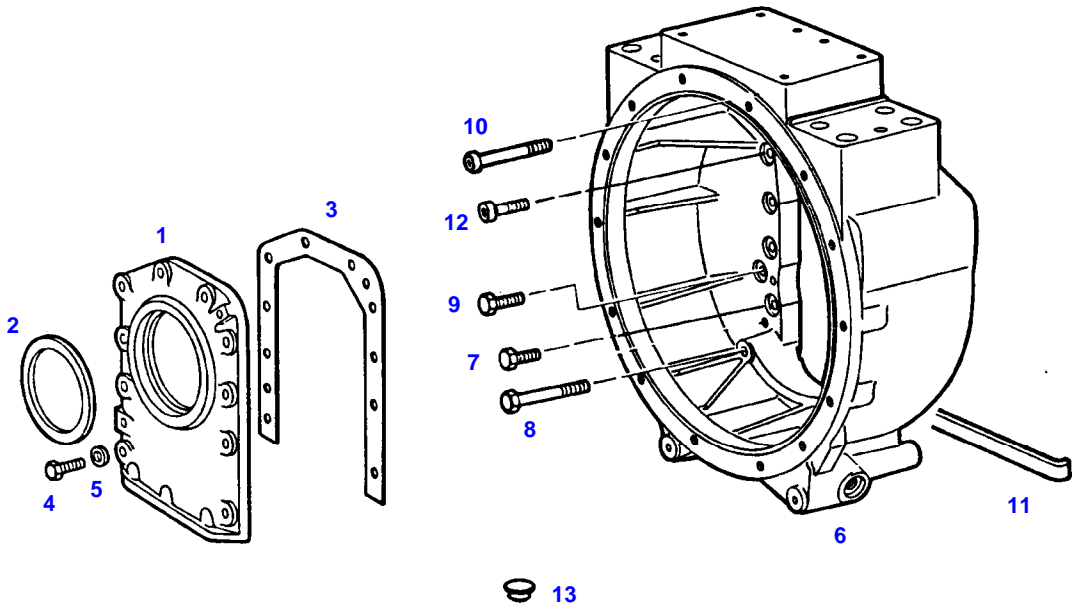
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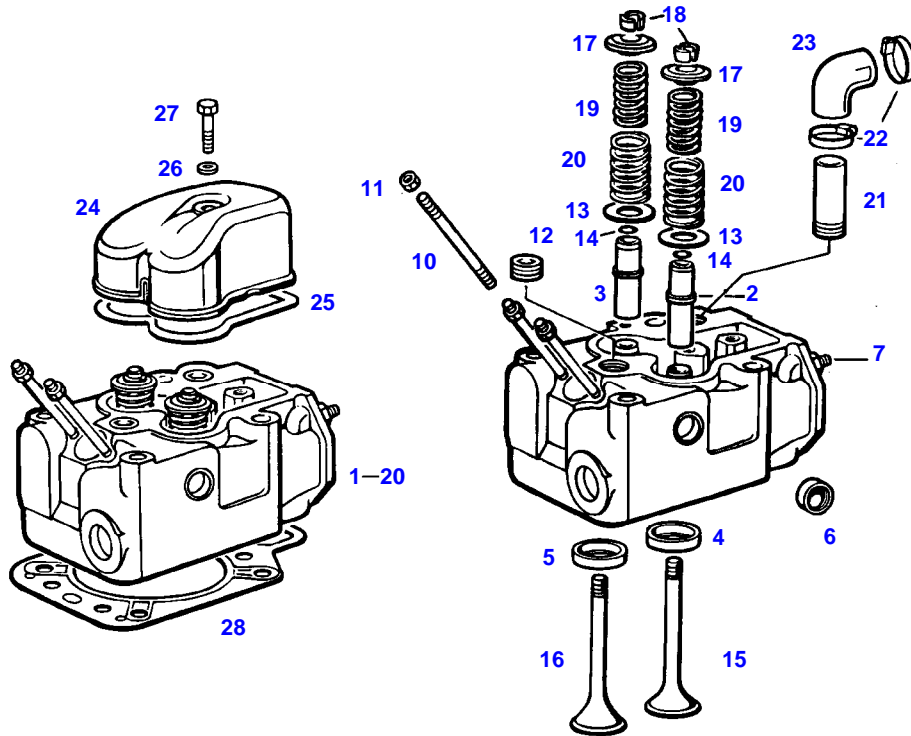
Item	Part Number	Qty	Description Comments	Technical Specification
1	72343896	1	COVER	
2	72376544	1	O-RING	42,2X3-NBR 70 FWN56402
3	72315650	2	HEXAGONAL HEAD BOLT	DIN 933 M8 X 20-8.8A3L
4	72317121	2	SPRING WASHER	DIN 137 B8-MECH.VZK
5	72340126	1	CRANKCASE END COVER	
6	72332982	1	RADIAL SEALING RING	
7	72326907	1	HOUSING	
8	72376514	1	O-RING	32X4-NBR 70 FWN56402
9	72326906	1	THREADED PIN	
10	72326904	1	COVER PANEL	
11	72372804	2	NUT	DIN 934 M6-10
12	72330757	1	MOLDED SEAL	
13	72315660	1	HEXAGONAL HEAD BOLT	DIN 933 M8X35-8.8A3L
14	72374372	7	HEXAGONAL HEAD BOLT	DIN 931 M8X45S-8.8
15	72315534	5	HEXAGONAL HEAD BOLT	DIN 931 M8 X 70-8.8
16	72315053	13	SPLIT WASHER	FWN 65208-8-A3L
17	72321607	1	PLUG	
18	72315087	1	SEALING WASHER	DIN 7603 A8X14-CU
19	72315644	1	HEXAGONAL HEAD BOLT	DIN 933 M8X10-8.8A3L
20	72376538	1	O-RING	40X4
28	72436284	1	HOSE 1X 830MM CUT TO LENGTH	L=1120 FWN65912-19X3-PVC-W-G
29	72311166	1	HOSE CLIP	
30	72407980	1	COMPRESSION SPRING	
31	72312910	1	DECAL	



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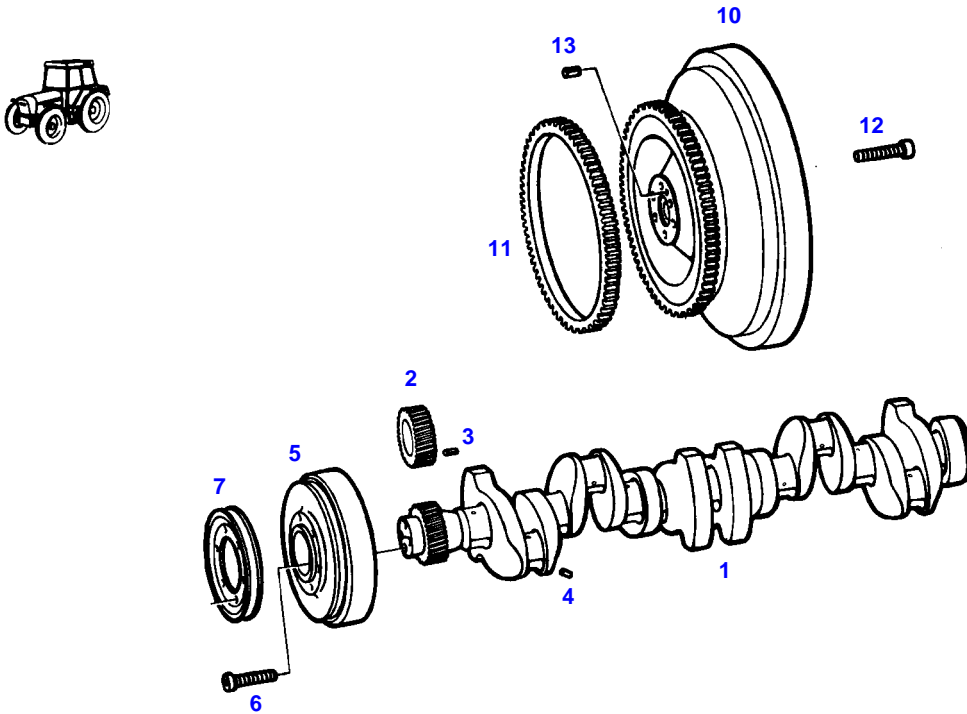
Item	Part Number	Qty	Description Comments	Technical Specification
1	72330754	1	CRANKCASE END COVER >>2	
2	72376834	1	SHAFT SEAL	110X130X14,5
3	72330755	1	MOLDED SEAL	
4	72315759	10	HEXAGONAL HEAD BOLT	DIN 933 M8X25 SK-8.8
5	72317121	10	SPRING WASHER	DIN 137 B8-MECH.VZK
6	72397268	1	HOUSING <> X487 531 800 10X <>	
	72374220	4	HEXAGONAL HEAD BOLT	DIN 931-M12X80-12.9
	72315686	10	HEXAGONAL HEAD BOLT	DIN 933-M10X35-12.9
	72374189	2	HEXAGONAL HEAD BOLT	DIN 931 M10X85-12.9
	72374073	4	SOCKET HEAD BOLT	DIN 912 M12X45-12.9
7	72374435	10	HEXAGONAL HEAD BOLT	DIN933 M10X33 GWA-10.9
8	72374189	2	HEXAGONAL HEAD BOLT	DIN 931 M10X85-12.9
9	72315713	3	HEXAGONAL HEAD BOLT	DIN 933 M12X40 GWA-10.9
10	72374080	2	SOCKET HEAD BOLT	DIN 912 M12X75-12.9
11	72325584	1	RUBBER STRIP	
12	72374074	3	SOCKET HEAD BOLT	DIN 912 M12X50-12.9
13	72375092	6	LOCKING PLUG F12	V14
	72375075	1	LOCKING PLUG F3	F3
	72314748	4	LOCKING PLUG F11	SW-F11
	72314763	4	LOCKING PLUG F211	F211

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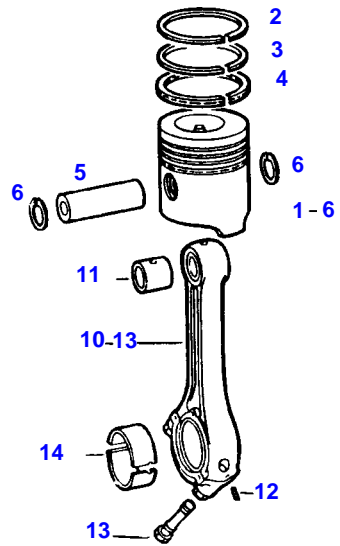
4690

Item	Part Number	Qty	Description Comments	Technical Specification
1	72332983	6	CYLINDER HEAD ><2-20	
2	72343644	6	VALVE GUIDE ><14 INTAKE	
3	72343645	6	VALVE GUIDE ><14 OUTLET	
4	72332986	6	VALVE SEAT RING INTAKE	
5	72343902	6	VALVE SEAT RING OUTLET	
6	72311455	24	COVER	
7			SEE AIRFILTER	
10	72374627	12	STUD BOLT	DIN 939 M8X40-8.8
11	72313268	12	NUT	DIN 934 M8-8A3L
12	72373948	6	PLUG SCREW	DIN 906 M22X1,5-ST
13	72340915	12	DISC	
14	72343647	12	SEAL	
15	72332984	6	INLET VALVE CONE	
16	72332985	6	OUTLET VALVE CONE	
17	72327093	12	SPRING RETAINER	
18	72327092	24	TAPER PIECE HALF	
19	72340914	12	VALVE SPRING	
20	72340913	12	VALVE SPRING	
21	72397409	1	PIPE PIECE	
22	72311167	12	HOSE CLIP	
23	72332971	6	RUBBER ARCH	
24	72343906	6	CYLINDER HEAD COVER	
25	72343908	6	MOLDED SEAL	
26	72315087	6	SEALING WASHER	DIN 7603 A8X14-CU
27	72315659	6	HEXAGONAL HEAD BOLT	DIN 933 M8X35-8.8
28	72343992	6	CYLINDER HEAD GASKET	



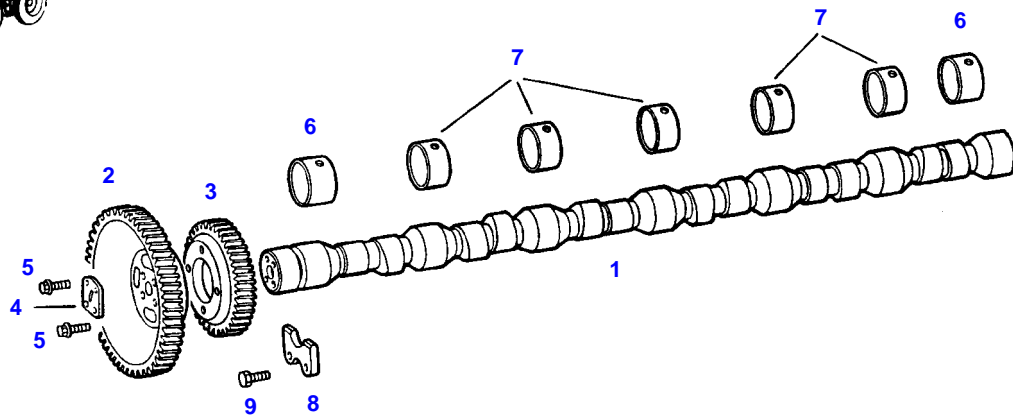
4688

Item	Part Number	Qty	Description Comments	Technical Specification
1	72332581	1	CRANKSHAFT ><2-4 <-- F312.200.310.010 1X	
2	72341105	1	SPUR GEAR	
3	72375132	1	TENSIONING PIN	ISO8752-4X18-A-ST-ZNPHR10F-KOE
4	72337059	6	PLUG	
5	72332582	1	VIBRATION DAMPER	
6	72374113	4	SOCKET HEAD BOLT	DIN 912 M16X50-10.9
7			SEE V-BELT	
10	72332583	1	FLYWHEEL ><11	
11	72330772	1	RING GEAR	
12	72315739	6	HEXAGONAL HEAD BOLT	DIN 933 M16X60 GWA-10.9
13	72375149	1	TENSIONING PIN	ISO8752-6X10-A-ST



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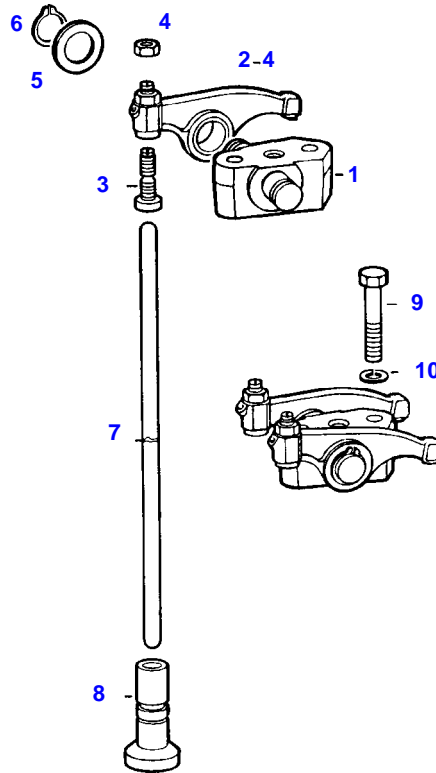
Item	Part Number	Qty	Description Comments	Technical Specification
1	72332988	6	PISTON ><1-6	
2	72333027	6	PISTON RING KIT ><2-4	
5			NOT AVAILABLE IN SINGLE PARTS	
6	72332584	12	LOCKWASHER	
10	72343926	6	PISTON ROD ><10-13	
11	72341118	6	SMALL-END BUSH	
12	72313802	6	TENSIONING PIN	ISO8752-4X16-A-ST-ZNPHR10F-KOE
13	72327143	12	CONNECTING ROD BOLT	
14	72341119	6	CONNECTING ROD BEARING 63,00 MM	
	72341120	6	CONNECTING ROD BEARING 62,75 MM	
	72341121	6	CONNECTING ROD BEARING 62,50 MM	
	72341122	6	CONNECTING ROD BEARING 62,25 MM	
	72341123	6	CONNECTING ROD BEARING 62,00 MM	



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Item	Part Number	Qty	Description Comments	Technical Specification
1	72333000	1	CAMSHAFT	
2	72343928	1	SPUR GEAR	
3	72343929	1	SPUR GEAR	
4	72331325	1	PROFILED FLANGE	
5	72375063	8	LOCK SCREW	FWN 64993 M8X22-12.9
6	72332989	2	BUSH REPAIR STEP	
7	72332990	5	BUSH REPAIR STEP	
8	72343930	1	SEGMENT	
9	72375061	2	LOCK SCREW	W151.12 M8X16-90

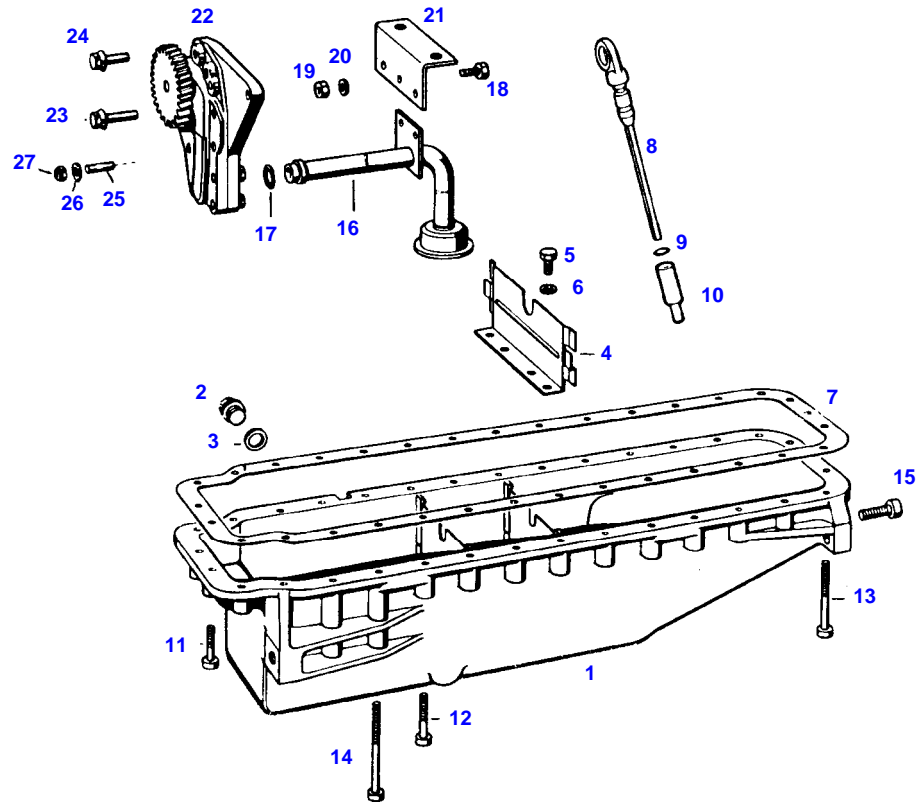
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3121



3121

Item	Part Number	Qty	Description Comments	Technical Specification
1	72343933	6	ROCKER ARM SUPPORT	
2	72343934	12	ROCKER ARM ><3+4	
3	72343935	12	ADJUSTING SCREW	
4	72343936	12	NUT	
5	72321237	24	DISC	
6	72375559	12	LOCK WASHER	DIN 471-16X1
7	72330785	12	BUMPER	
8	72343937	12	MUSHROOM TAPPET	
	72423816	12	MUSHROOM TAPPET OVERSIZE 19,5 MM	
9	72315691	12	HEXAGONAL HEAD BOLT	DIN 933 M10X40-8.8A3L
10	72315054	12	SPLIT WASHER	FWN 65208-10-A3L

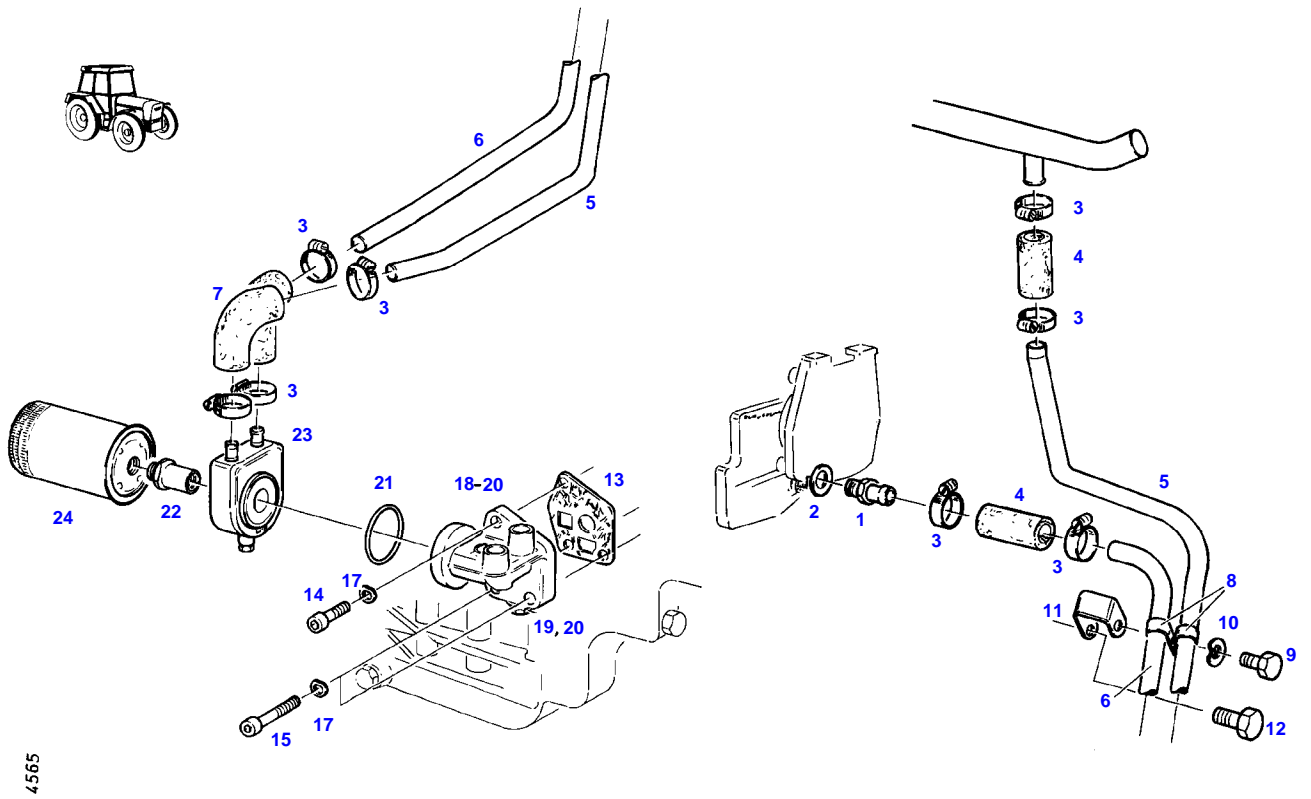
FARMER 311 (198/05001-07700)
3124



3124

Item	Part Number	Qty	Description Comments	Technical Specification
1	72332579	1	OIL PAN ><2-6	
2	72373986	1	SCREW	
3	72332580	1	SEALING WASHER	
4	72340912	2	WASHER PLATE	
5	72374587	4	HEXAGONAL HEAD BOLT	DIN 933 M8X12 SZ-8.8
6	72315053	4	SPLIT WASHER	FWN 65208-8-A3L
7	72340911	1	MOLDED SEAL	
8	72343547	1	DIPSTICK ><9	
9	72376384	1	O-RING	7,3X2,4
10	72326139	1	PIPE PIECE	
11	72374024	7	SOCKET HEAD BOLT	DIN 912-M8X45-10.9
12	72315484	18	SOCKET HEAD BOLT	DIN 912 M8X65-10.9A3L
13	72374032	2	SOCKET HEAD BOLT	DIN 912 M8X100-10.9
14	72374038	6	SOCKET HEAD BOLT	DIN 912 M8X140-10.9
15	72315511	4	SOCKET HEAD BOLT	DIN 912 M12X40-10.9
16	72340916	1	LUBE OIL LINE	
17	72376491	1	O-RING 25X4	25X4-FPM 70 FWN56402
	72376462	1	O-RING 20X4	20X4-FPM 70 FWN56402
18	72315642	2	HEXAGONAL HEAD BOLT	DIN 933 M8 X 16-8.8A3L
19	72313268	2	NUT	DIN 934 M8-8A3L
20	72315053	2	SPLIT WASHER	FWN 65208-8-A3L
21	72330779	1	GUSSET PLATE	
22	72332187	1	OIL GEAR PUMP	
23	72375067	1	LOCK SCREW	FWN 64993 M8X35-90
24	72375063	1	LOCK SCREW	FWN 64993 M8X22-12.9
25	72374623	1	STUD BOLT	DIN 939-M8X25-8.8
26	72340920	1	DISC	
27	72340921	1	MIDGRIP NUT	

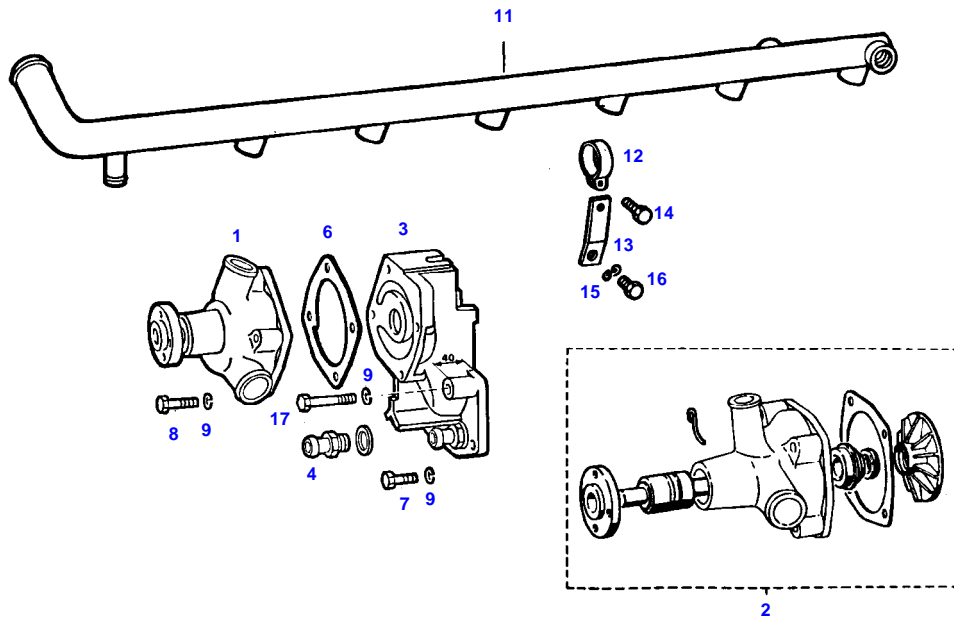
FARMER 311 (198/05001-07700)
4565



4565

Item	Part Number	Qty	Description Comments	Technical Specification
1	72396595	1	HOSE BARB	
2	72315101	1	SEALING WASHER	DIN 7603 A22X27-CU
3	72311167	8	HOSE CLIP	
4	72396335	2	HOSE PIECE	
5	72397288	1	COOLANT LINE --> 199/2199	
6	72396332	1	COOLANT LINE	
7	72435869	2	RUBBER ARCH	
8	72386726	2	PIPE CLAMP	
9	72315675	1	HEXAGONAL HEAD BOLT	DIN 933 M10X16-8.8A3L
10	72317122	1	SPRING WASHER	DIN 137 B10-MECH.VZK
11	72397289	1	RETAINER	
12	72315704	1	HEXAGONAL HEAD BOLT	DIN 933 M12X16-8.8A3L
13	72327148	1	MOLDED SEAL	
14	72315494	1	SOCKET HEAD BOLT	DIN 912 M10X30-8.8
15	72315498	2	SOCKET HEAD BOLT	DIN 912 M10X40-8.8 OB1-SW
17	72317122	3	SPRING WASHER	DIN 137 B10-MECH.VZK
18	72325601	1	FILTER HEAD ><18-20 <-- G510.201.900.100	
19	72325606	1	VALVE	
20	72376031	1	SEALING WASHER	DIN 7603 A20X24-CU
21	72396334	1	O-RING	
22	72396333	1	SCREW PIECE	
23	72348781	1	OIL COOLER <>	
	72327148	1	MOLDED SEAL	
	72315797	1	PLUG SCREW	DIN 7604 AM10X1-ST A3L
	72315088	1	SEALING WASHER	DIN 7603 A10X13,5-CU
24	72334900	1	OIL FILTER	

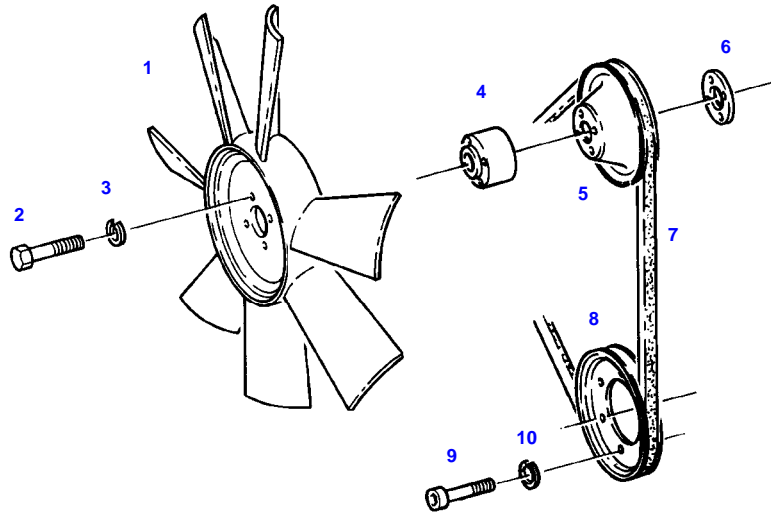
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4695



4695

Item	Part Number	Qty	Description Comments	Technical Specification
1	72340133	1	CENTRIFUGAL PUMP	
	72343555	1	CENTRIFUGAL PUMP AIR CONDITION	
2	72340135	1	REPAIR KIT <-- F281 200 610 010 NO SPARE PART	
	72343940	1	REPAIR KIT AIR CONDITION	
3	72332991	1	INTERMEDIATE PIECE	
4			SEE OIL COOLER	
6	72328678	1	SEAL	
7	72315653	4	HEXAGONAL HEAD BOLT	DIN 933 M8 X 25-8.8A3L
8	72315659	4	HEXAGONAL HEAD BOLT	DIN 933 M8X35-8.8
9	72315053	10	SPLIT WASHER	FWN 65208-8-A3L
11	72332992	1	COOLANT LINE	
12	72332993	2	PIPE CLAMP	
13	72332994	2	PLATE LINK	
14	72315630	2	HEXAGONAL HEAD BOLT	DIN 933 M6X18-8.8A3L
15	72315052	2	SPLIT WASHER	FWN 65208-6-A3L
16	72315462	2	SOCKET HEAD BOLT	DIN 912 M6X12-8.8A3L
17	72374429	2	HEXAGONAL HEAD BOLT	DIN 933 M8X55-8.8

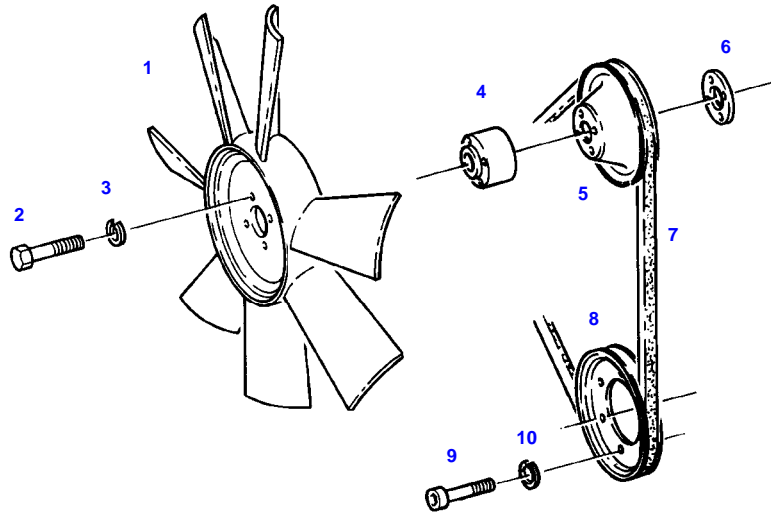
FARMER 311 (198/05001-07700)
4586



4586

Item	Part Number	Qty	Description Comments	Technical Specification
			RANGE OF TEMPERATURE 1	
1	72357743	1	FAN <>	
	72313268	4	NUT	DIN 934 M8-8A3L
	72393710	1	FLANGE	
	72315646	4	HEXAGONAL HEAD BOLT	DIN 933 M8X18-8.8A3L
	72315053	4	SPLIT WASHER	FWN 65208-8-A3L
2	72315668	4	HEXAGONAL HEAD BOLT	DIN 933 M8X50-8.8A3L
3	72315053	4	SPLIT WASHER	FWN 65208-8-A3L
4	72397273	1	RING	
5	72330787	1	V BELT SHEAVE	
6			NOT USED	
7	72379382	1	V-BELT	FWN66966-AVX10X1310LA
8	72337036	1	V BELT SHEAVE	
9	72374044	6	SOCKET HEAD BOLT	DIN 912 M10X16-10.9
10	72315054	6	SPLIT WASHER	FWN 65208-10-A3L

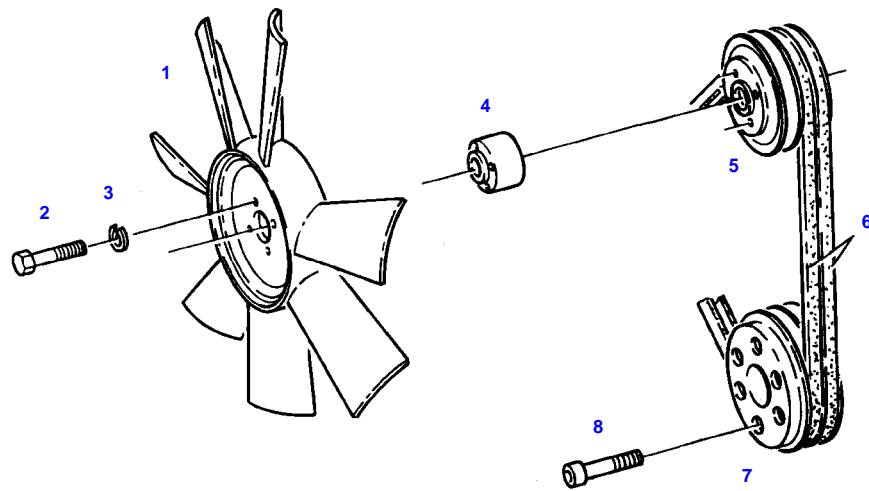
FARMER 311 (198/05001-07700)
4586



4586

Item	Part Number	Qty	Description Comments	Technical Specification
RANGE OF TEMPERATURE 2				
1	72357743	1	FAN	
			<>	
	72315646	4	HEXAGONAL HEAD BOLT	DIN 933 M8X18-8.8A3L
	72313268	4	NUT	DIN 934 M8-8A3L
	72393710	1	FLANGE	
	72315053	4	SPLIT WASHER	FWN 65208-8-A3L
2	72315669	4	HEXAGONAL HEAD BOLT	DIN 933 M8X55-8.8A3L
3	72315053	4	SPLIT WASHER	FWN 65208-8-A3L
4	72399875	1	INTERMEDIATE RING	
5	72399923	1	V BELT SHEAVE	
6			NOT USED	
7	72379427	1	V-BELT	FWN66966-AVX10X1275LA
8	72337036	1	V BELT SHEAVE	
9	72374044	6	SOCKET HEAD BOLT	DIN 912 M10X16-10.9
10	72315054	6	SPLIT WASHER	FWN 65208-10-A3L

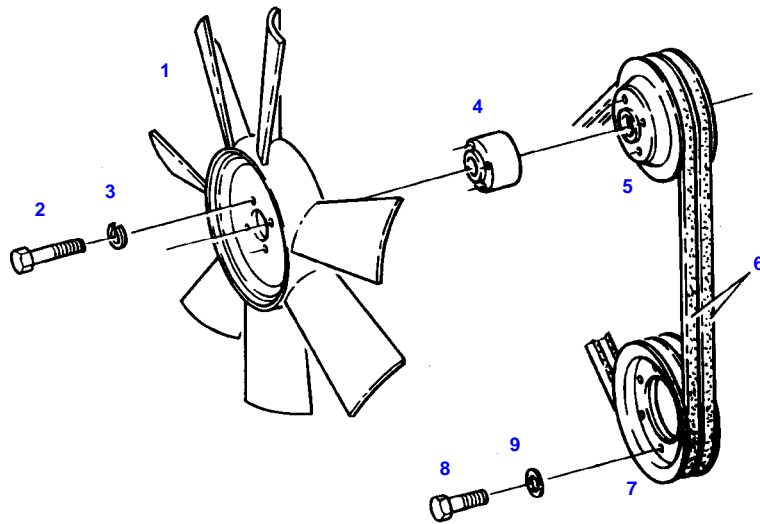
FARMER 311 (198/05001-07700)
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Item	Part Number	Qty	Description Comments	Technical Specification
			RANGE OF TEMPERATURE 1+2 WITH AIR CONDITION	
1	72357743	1	FAN <>	
	72393710	1	FLANGE	
	72313268	4	NUT	DIN 934 M8-8A3L
	72315646	4	HEXAGONAL HEAD BOLT	DIN 933 M8X18-8.8A3L
	72315053	4	SPLIT WASHER	FWN 65208-8-A3L
2	72315668	4	HEXAGONAL HEAD BOLT	DIN 933 M8X50-8.8A3L
3	72315053	4	SPLIT WASHER	FWN 65208-8-A3L
4	72399875	1	INTERMEDIATE RING	
5	72397274	1	V BELT SHEAVE	
6	72379380	1	V-BELT SET (2 PIECE)	FWN66966-2XAVX10X1310LA
7	72396002	1	V BELT SHEAVE	
8	72315498	6	SOCKET HEAD BOLT	DIN 912 M10X40-8.8 OB1-SW

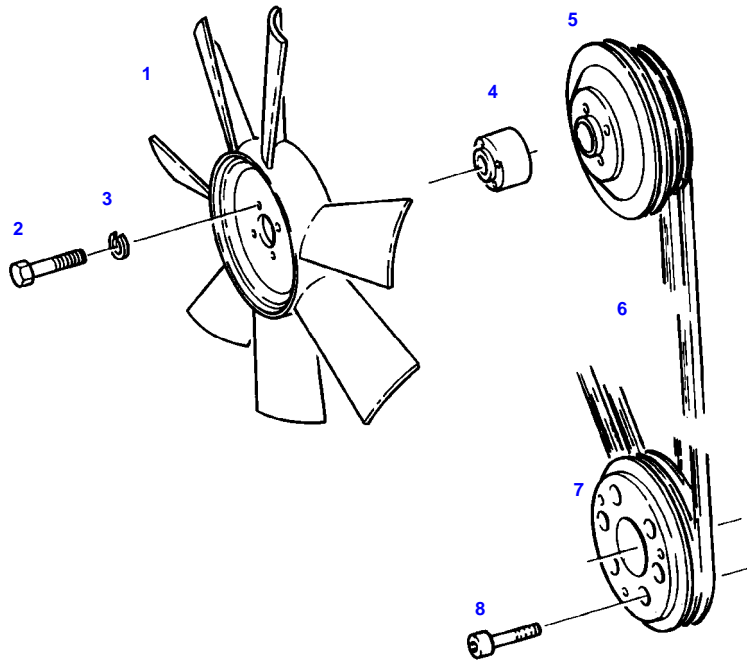
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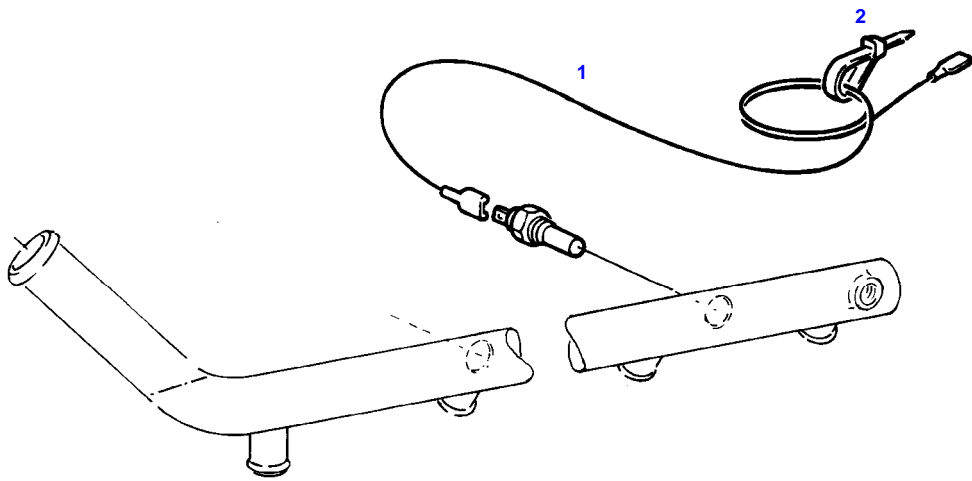
Item	Part Number	Qty	Description Comments	Technical Specification
			RANGE OF TEMPERATURE 1+2 WITH AIR BRAKE SUPPLY EQUIPEMENT	
1	72357744	1	FAN	
			<>	
	72313268	4	NUT	DIN 934 M8-8A3L
	72393710	1	FLANGE	
	72315646	4	HEXAGONAL HEAD BOLT	DIN 933 M8X18-8.8A3L
	72315053	4	SPLIT WASHER	FWN 65208-8-A3L
2	72315668	4	HEXAGONAL HEAD BOLT	DIN 933 M8X50-8.8A3L
3	72315053	4	SPLIT WASHER	FWN 65208-8-A3L
4	72399875	1	INTERMEDIATE RING	
5	72395921	1	V BELT SHEAVE	
6	72379418	1	V-BELT SET (2 PIECE)	FWN66966-2XAVX10X1350LA
7	72394219	1	V BELT SHEAVE	
8	72315688	6	HEXAGONAL HEAD BOLT	M10 X 35 CL10.9
9	72315054	6	SPLIT WASHER	FWN 65208-10-A3L

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Item	Part Number	Qty	Description Comments	Technical Specification
			RANGE OF TEMPERATURE 1+2 WITH AIR BRAKE EQU./AIR CONDITION	
1	72357744	1	FAN	
			<>	
	72393710	1	FLANGE	
	72315053	4	SPLIT WASHER	FWN 65208-8-A3L
	72315646	4	HEXAGONAL HEAD BOLT	DIN 933 M8X18-8.8A3L
	72313268	4	NUT	DIN 934 M8-8A3L
2	72315668	4	HEXAGONAL HEAD BOLT	DIN 933 M8X50-8.8A3L
3	72315053	4	SPLIT WASHER	FWN 65208-8-A3L
4	72399875	1	INTERMEDIATE RING	
5	72396359	1	V BELT SHEAVE	
6	72379418	1	V-BELT SET (2 PIECE)	FWN66966-2XAVX10X1350LA
7	72396002	1	V BELT SHEAVE	
8	72315498	6	SOCKET HEAD BOLT	DIN 912 M10X40-8.8 OB1-SW



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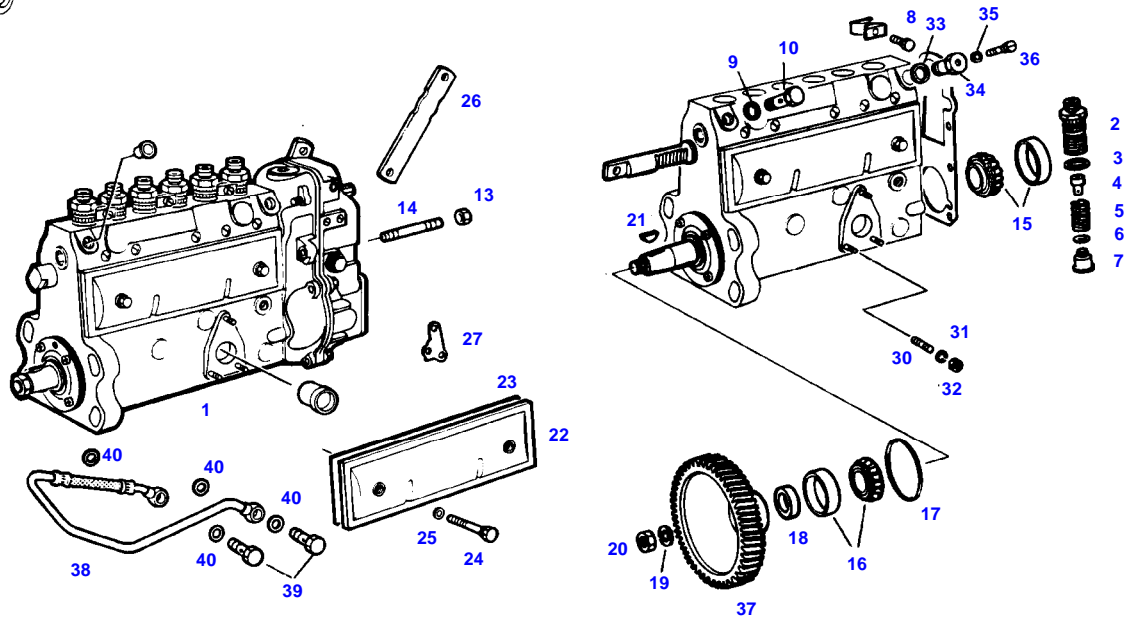
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RESISTOR CABLE

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Item	Part Number	Qty	Description Comments	Technical Specification
			RANGE OF TEMPERATURE 2 WITH AIR BRAKE EQU./AIR CONDITION	
1	72357742	1	RESISTOR CABLE	
2	72316916	1	CABLE STRAP	FWN 66650 B175X4-SW

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