

Part list

Engine SK-80



NO IMAGE
AVAILABLE

PARTS LIST CATALOGUE

NORMS TO PLACE AN ORDER

For fast and more efficient service, please specify the following information on spare parts orders that must be preferably done by e-mail as specified below:

1- Engine model: As shown in identification plate
2- Engine serial number: As shown in identification plate and stamped on crankcase
3- Item description + part number + quantity required

Spare parts requests must be addressed to :

orders@soleadvance.com

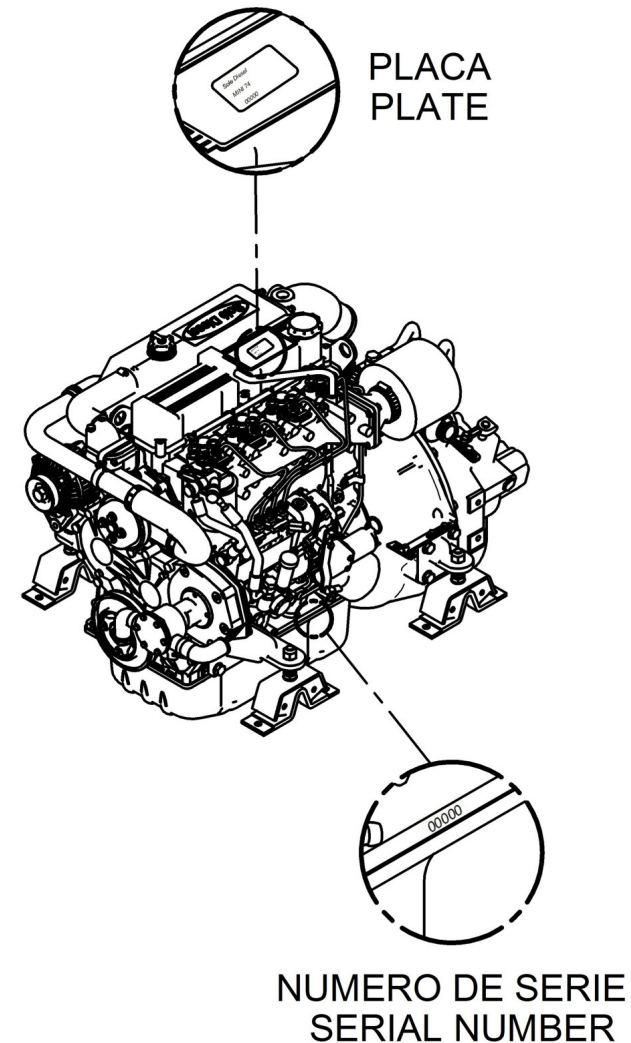
Tel.: +34 93 775 44 05

The components shown in the catalog have:- Figure: Number by which they are represented in scheme- Description: Trade name of the component-

Quantity: Total number of parts used in the assembly of the part represented (may differ from the total minimum quantities)
Hoses, indicates the total length in meters

The diagrams shown in this catalog of spare parts, have only the purpose to identify the piece in question, its representation is not meaningful and may differ from the actual piece. In case of doubt, contact Solé Advance, or your authorized dealer. The parts i / or references in this catalog are subject to change without notice.

SOLÉ, S.A.
C-243b, km, 2
08760 Martorell (Barcelona) Spain



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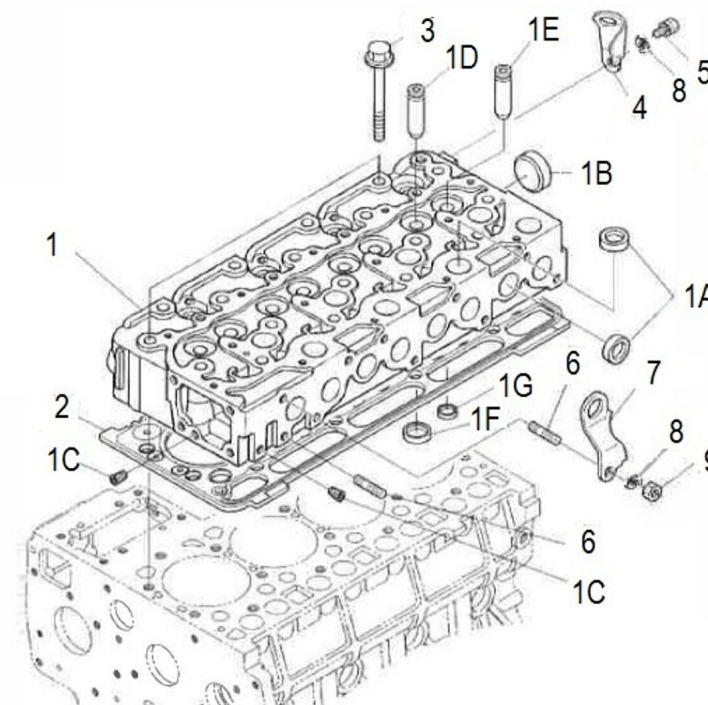
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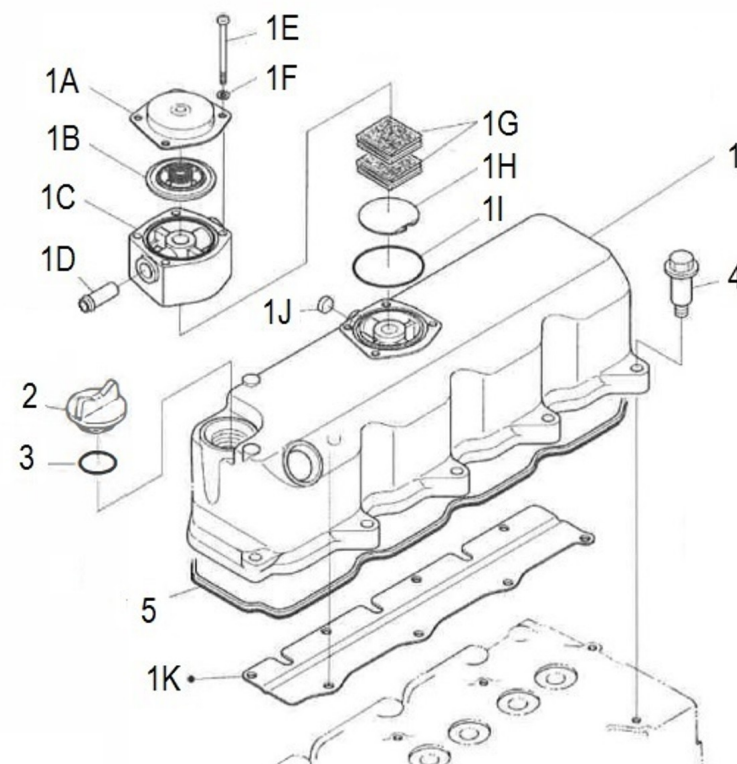
D FA1988 1 1 **Cylinder Head**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A021001	1	Cylinder Head			
1A	1A020013	12	Plug			
1B	1A020014	1	Cap Sealing			
1C	1A020015	2	Plug			
1D	1A021002	4	Valve Guide			
1E	1A021003	4	Valve Guide			
1F	1A020016	4	Seat, Inlet Valve			
1G	1A020017	4	Seat, Exhaust Valve			
2A	1A021005	1	Gasket, Cylinder head 1,15mm			
2B	1A021004	1	Gasket,Cylinder Head STD			
2C	1A021006	1	Gasket, Cylinder head 1,25mm			
2D	1A021007	1	Gasket, Cylinder head 1,30mm			
2E	1A021008	1	Gasket, Cylinder head 1,35mm			
3	1A021010	18	Bolt, Cylinder head			
4	1E010014	1	Engine Hanger			
5	1A021011	1	Stud			
6	1A021014	2	Bolt			
7	1A021012	1	Support CANIAGE Front			
8	1A021013	2	Washer spring			
9	1A021015	1	Nut			



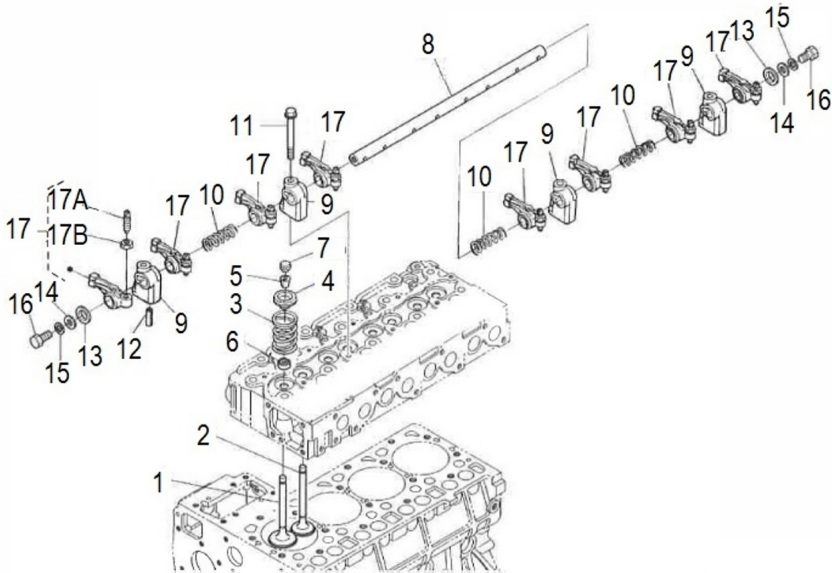
D SKA1 1 2**Rocker Cover & Breather**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A021037	1	Rocker Cover			
1A	1A021038	1	Cover Breather			
1B	1A021039	1	Valve Breather			
1C	1A021040	1	Spacere (Breather)			
1D	1A021041	1	Pipe, Water Return			
1E	1A021042	4	Bolt			
1F	1A021043	4	Washer			
1G	1A021044	2	Breather Element			
1H	1A021045	1	Protector ,Oil Inlet			
1I	1A021046	1	O-Ring			
1J	1A021047	1	Cap, Sealing			
1K	(*)	1	Not available			
2	1A021016	1	Cap Oil Filler			
3	1A021017	1	O-Ring			
4	1A021019	10	Bolt			
5	1A021009	1	Gasket,Head Cover			



D SKA1 1 3 Valve Drive

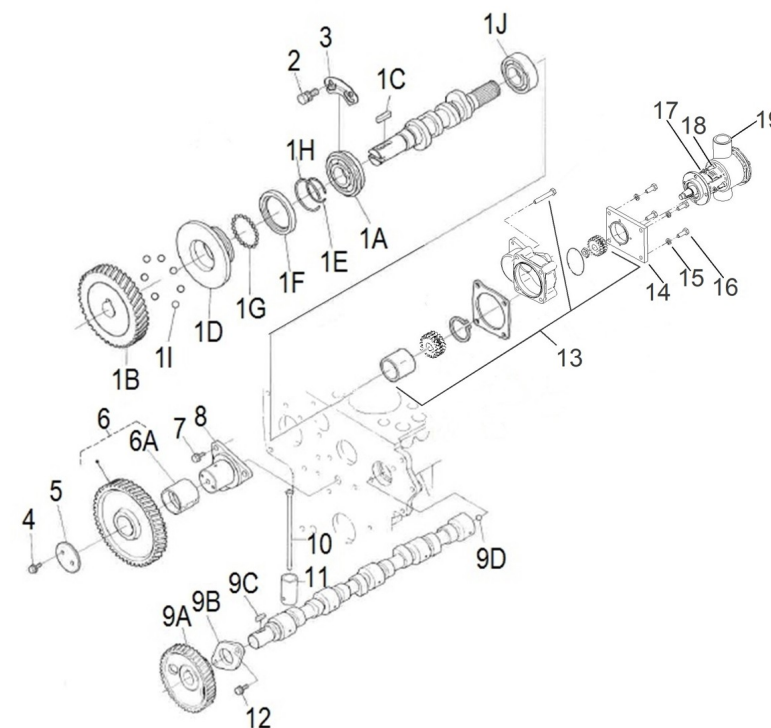
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A022055	4	Intake Valve			
2	1A022056	4	Exhaust Valve			
3	1A022028	8	Spring, Valve			
4	1A022058	8	Seal,oil			
5	1A022059	8	Cotter, Valve			
6	1A022054	8	Seal,oil			
7	1A022024	8	Cap			
8	1A022062	1	Shaft Rocker Arm			
9	1A022048	4	Bracket, Rocker Arm			
10	1A022047	3	Spring			
11	1A022053	4	Bolt			
12	1A022049	1	Spring			
13	1A022050	2	Washer			
14	1A022051	2	Washer Plain			
15	1A021013	2	Washer spring			
16	1A022046	2	Bolt			
17	1A022042	8	Rocker, Assy			
17A	1A022060	8	Screw (Adjusting)			
17B	1A022044	8	Nut			



D SKA1 1 4

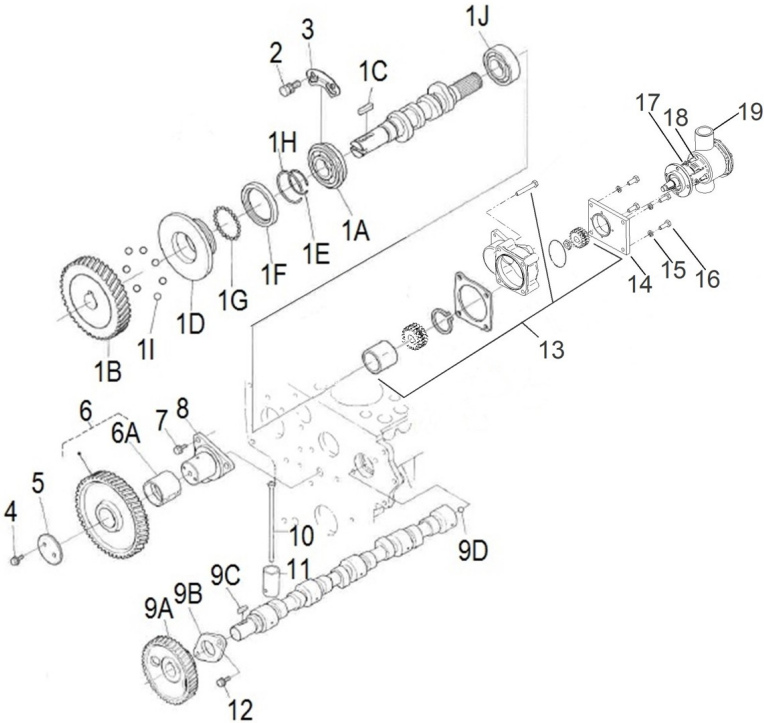
Timing Parts

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A022083	1	Camshaft, Assy (Fuel)			
1A	1A022086	1	Bearing			
1B	1A022087	1	Gear			
1C	1A022088	1	Key			
1D	1A022089	1	Housing Assy			
1E	1A022090	1	Cir-Clip			
1F	1A022091	1	Cover			
1G	1A022092	39	Ball 5/32			
1H	1A022093	1	Cir-Clip			
1I	1A022094	7	Ball			
1J	1A022095	1	Bearing			
2	1A022084	2	Bolt			
3	1A022085	1	Stopper			
4	1A022010	2	Bolt			
5	1A022032	1	Collar, Idle Gear			
6	1A022038	1	Gear Set MEC			
6A	1A022096	1	Bushing			
7	1A022039	3	Bolt			
8	1A022040	1	Intermediate Shaft			
9	1A022037	1	Timing Parts			
9A	1A022097	1	Gear CamShaft			
9B	1A022098	1	Stopper			
9C	1A022099	1	Key			
9D	1A022100	1	Ball 1/4			
10	1A022041	8	Rod, Push			
11	1A022061	8	Tappet			
12	1A022080	2	Bolt			
13	1A021020R	1	Kit Power Take-off			
14	1A010010	1	Block, water pump			
15	53033008	4	Washer GROWER DIN 127-8			
16	52102257	4	Bolt DIN 933 M8-20 8.8			



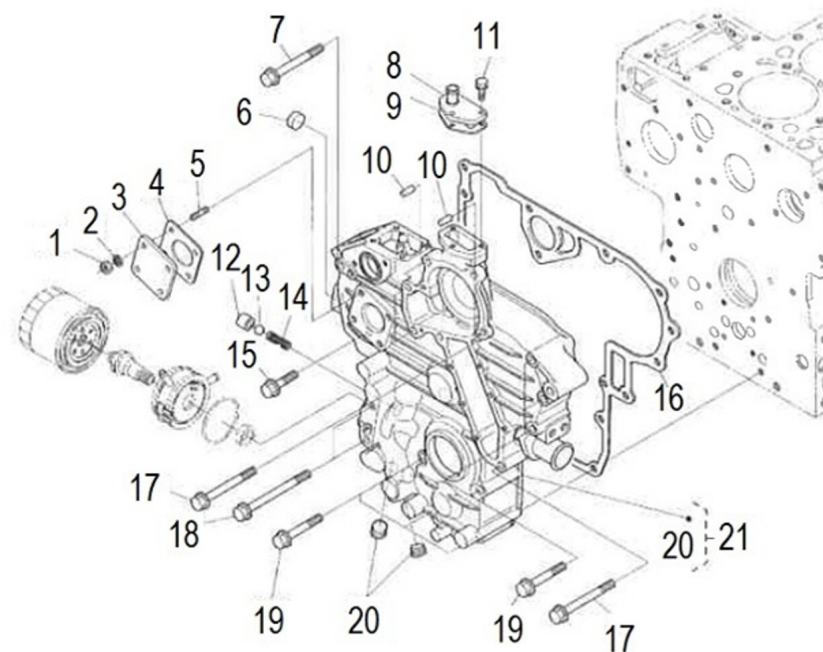
D SKA1 1 4 Timing Parts

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
17	51030006	4	Washer DIN 125-6			
18	52103156	4	Bolt DIN 912 M6-16 8.8			
19	3A011000	1	Key Pump 1"			



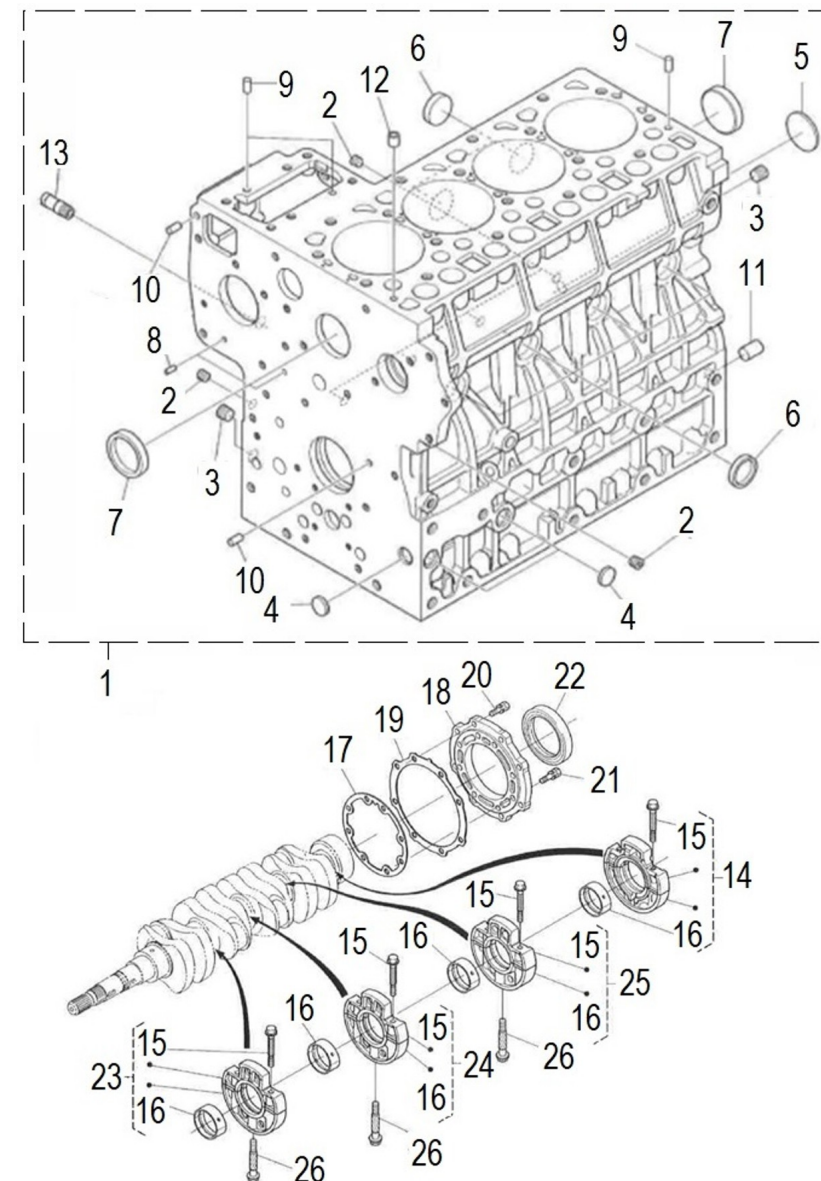
D SKA1 1 5 **Gear Case**

<i>Fig.</i>	<i>Ref.</i>	<i>Qty.</i>	<i>Descr.</i>	<i>Obs</i>	<i>From</i>	<i>UpTo</i>
1	1A020070	4	Nut			
2	1A020071	4	Washer			
3	1A020072	1	Cover			
4	1A020073	1	Gasket			
5	1A020074	4	Stud			
6	1A020075	1	Plug			
7	1A020047	1	Bolt			
8	1A020076	1	Bolt, Flange			
9	1A020077	1	Gasket			
10	1A020078	2	Stud			
11	1A020079	3	Bolt			
12	1A020080	1	Seat Valve			
13	1A020081	1	Ball			
14	1A020082	1	Spring			
15	1A020083	1	Bolt			
16	1A020040	1	Gasket, Gear Case			
17	1A020084	4	Bolt			
18	1A020085	2	Bolt			
19	1A020086	7	Bolt			
20	1A020087	2	Plug			
21	1A020035	1	Case Gear			



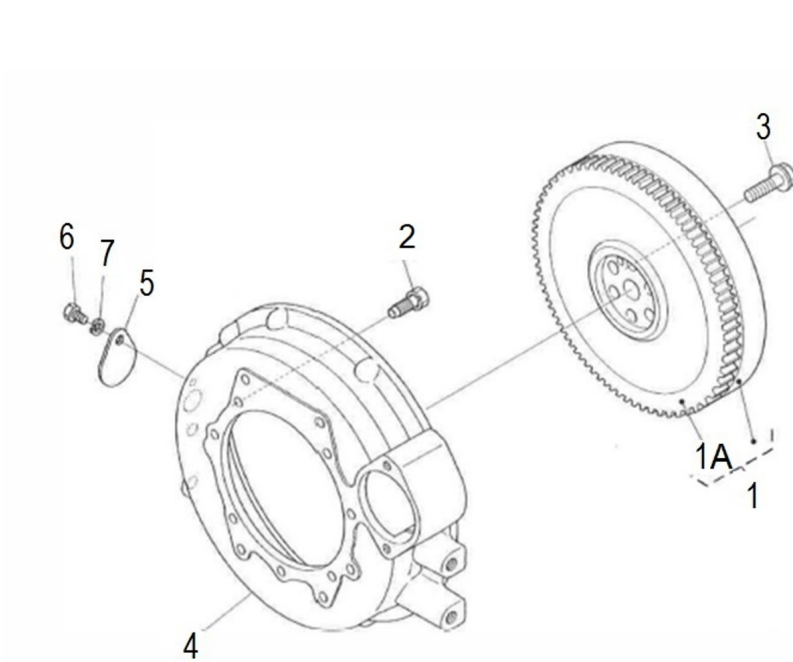
D SKA1 1 6**Crankcase**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A020050	1	Comp. Crankcase			
2	1A020051	6	Plug			
3	1A020022	2	Plug			
4	1A020023	3	Plug Expansion			
5	1A020024	1	Plug Expansion			
6	1A020025	6	Cap, Sealing			
7	1A020026	2	Cap, Sealing			
8	1A020036	2	Stud			
9	1A020019	3	Stud			
10	1A020078	2	Stud			
11	1A020011	1	Stud			
12	1A020020	1	Pipe			
13	1A020027	1	Pipe			
14	1A022104	1	Assy. Brg. Case, Wheel			
15	1A022105	8	Bolt, Bearing Case			
16A	1A022107	4	Metal, Crankshaft			
16B	1A022108	4	Metal, Crankshaft -0,2mm			
16C	1A022109	4	Metal, Crankshaft -0,4mm			
17	1A022110	1	Gasket, Bearing Case			
18	1A022111	1	Cover, Bearing Case			
19	1A022112	1	Gasket, Case Cover			
20	1A022113	8	Bolt, Sems			
21	1A021123	8	Bolt			
22	1A022115	1	Seal Oil			
23	1A022117	1	Assy Btg. Case, Main			
24	1A022119	1	Assy Btg. Case, Main			
25	1A022121	1	Assy Btg. Case, Main			
26	1A022122	3	Bolt, Bearing Case			



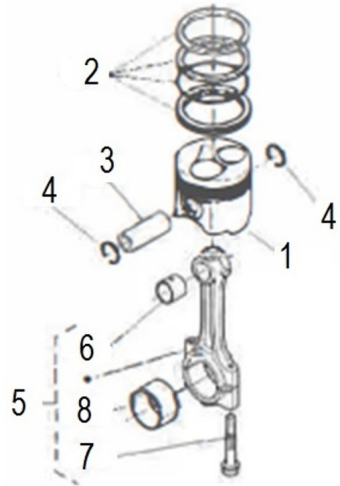
D SKA1 1 7 Rear Plate & Flywheel

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A022027.1	1	Flywheel			
1A	1A020060	1	Gear			
2	1A027129	11	Bolt			
3	1A020061	6	Bolt			
4	1A020062	1	Carcasse Sur Volant			
5	1A020063	1	Cover			
6	1A022046	1	Bolt			
7	1A021013	1	Washer spring			



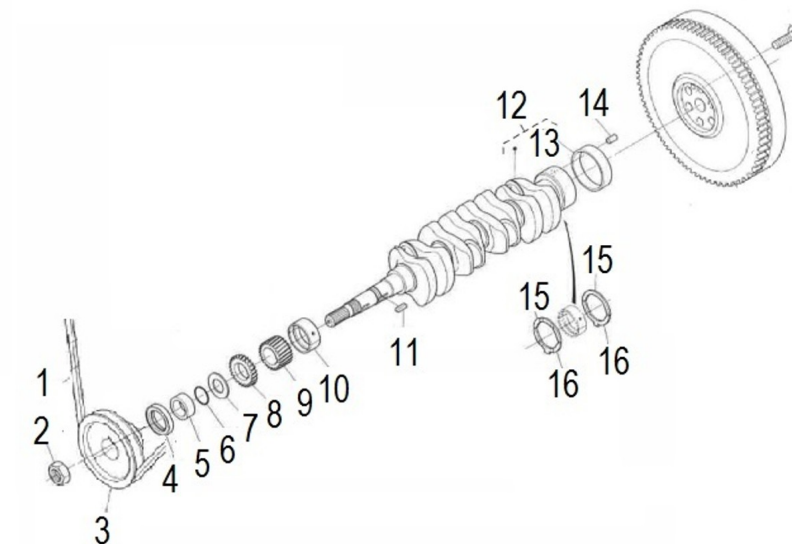
D SKA1 1 8 Piston & Connecting Rod

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1A	1A022005	4	Piston STD			
1B	1A022003	4	Piston +0,25			
2A	1A022009	4	Ring Set Piston STD			
2B	1A022008	4	Ring Set Piston +0,25			
3	1A022011	4	Pin			
4	1A022013	8	Cir-Clip			
5	1A022012	4	Rod Assy. Connecting			
6	1A022014	4	Metal (Pin, Crank)			
7	1A022015	8	Bolt			
8A	1A022018	4	Bearing STD			
8B	1A022016	4	Bearing -0,20mm			
8C	1A022017	4	Bearing -0,40mm			

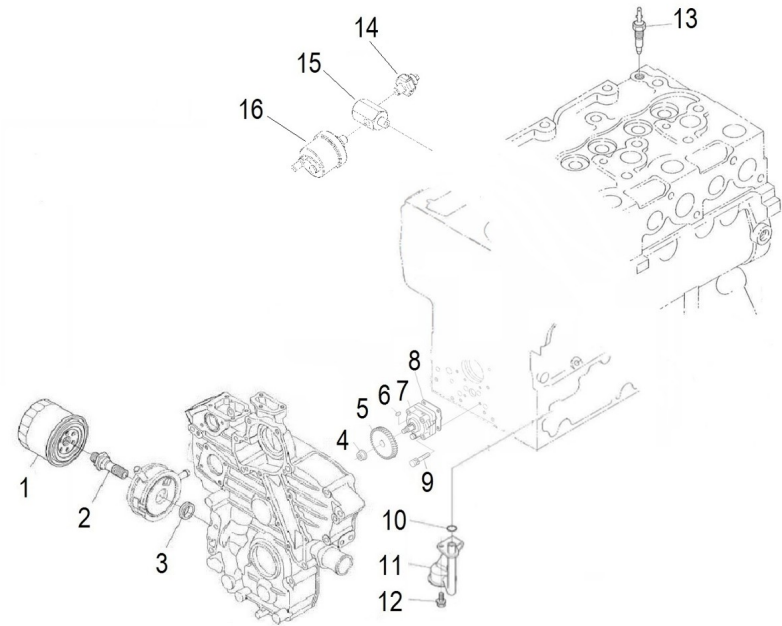


D SKA1 1 9 Crankshaft

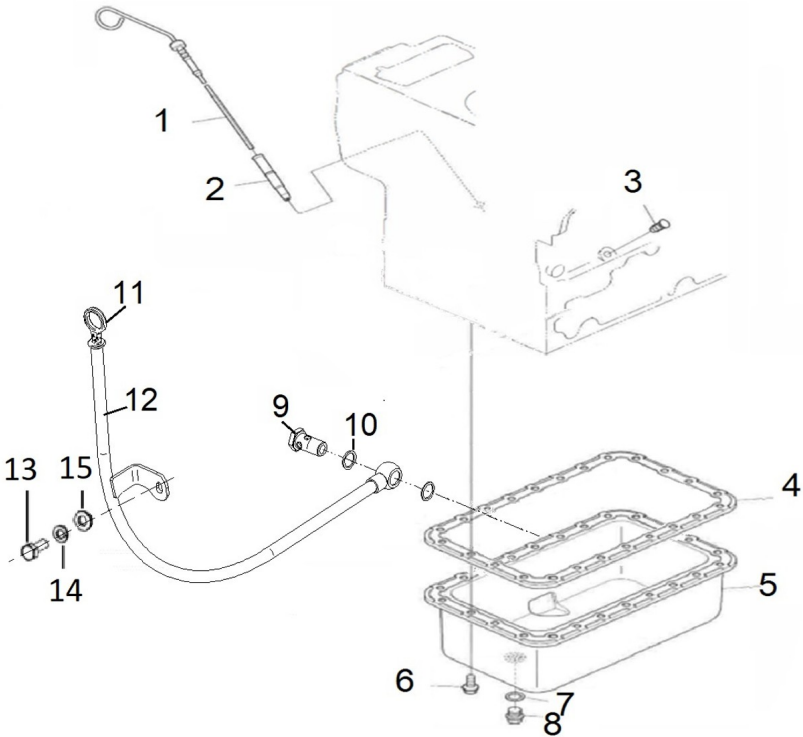
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17117020	1	Belt Type SPAX 1060			
2	1A022026	1	Nut, Crankshaft			
3	1A021024	1	Pulley			
4	1A022029	1	Seal,oil			
5	1A022030	1	Bushing			
6	1A022031	1	O-Ring			
7	1A022033	1	Oil Slinger			
8	1A022019	1	Gear Oil Pump			
9	1A033035	1	Gear			
10A	1A022070	1	Metal Crankshaft STD			
10B	1A022071	1	Metal Crankshaft -0,20mm			
10C	1A022072	1	Metal Crankshaft -0,400mm			
11	1A033034	1	Key			
12	1A022036	1	Crankshaft Assy			
13	1A022025	1	Bearing			
14	1A022069	1	Stud			
15A	1A022073	2	Metal Side STD			
15B	1A022074	2	Metal Side +0,20mm			
15C	1A022075	2	Metal Side +0,400mm			
16A	1A022076	2	Metal Side STD			
16B	1A022077	2	Metal Side +0,20mm			
16C	1A022078	2	Metal Side +0,400mm			



D SKA1 1 10			Oil System			
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A024051	1	Oil Filter Element SK-60/80			
2	1A024054	1	Connector			
3	1A024053	1	Spacer			
4	1A022045	1	Nut			
5	1A024066	1	Gear Oil Pump			
6	1A022057	1	Key			
7	1A022066	1	Pump Assy Oil			
8	1A022067	1	Gasket Oil Pump			
9	1A022068	4	Bolt			
10	1A024060	1	O-Ring			
11	1A020012	1	Suction Inner Filter			
12	1A024052	1	Bolt			
13	1A020041	1	Thermoswitch			
14	1A020042	1	Switch, Oil Pressure			
15	13817051	1	Sender Holder		2018-01-19	
15	17117052	1	Oil Pressure Sensor Adaptor			2018-01-18
16	60900990R	1	10 bar Pressure Transmitter for 1 or 2 Poles			

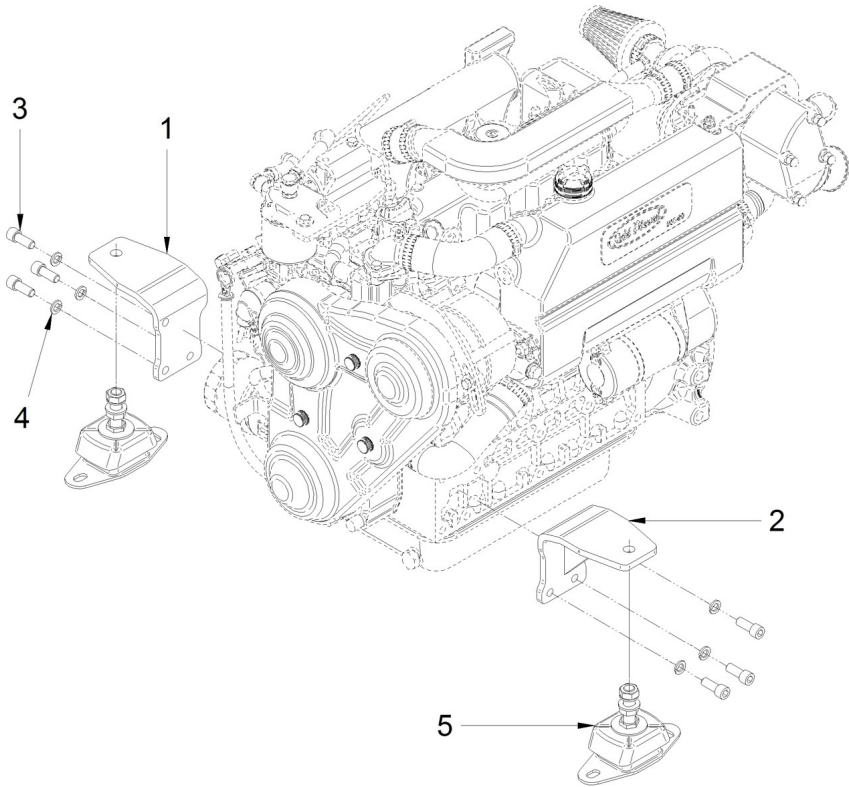


D SKA1 1 11			Oil Pan		
Fig.	Ref.	Qty.	Descr.	Obs	From UpTo
1	1A020029	1	Gauge Oil Level		
2	1A020034	1	Guide		
3	1A022360	1	None		
4	1A020033	1	Gasket,Oil Pan		
5	1A020032	1	Oil Pan		
5	1A020046	1	Plug		
6	1A021082	24	Bolt		
7	1A020009.1	1	Oil Pan Drain Plug Gasket		
8	1A020008	1	Plug		
9	16514022	1	Coupling,screw 18x150		
10	56000077	2	Washer 18-23-1,5		
11	1A012029	1	Oil Dipstick		
12	1A012030	1	Tube Oil Gauge		
13	52101275	1	Bolt DIN 931 M8-120 8.8		
14	53033008	1	Washer GROWER DIN 127-8		
15	51030008	1	Washer DIN 125-8		



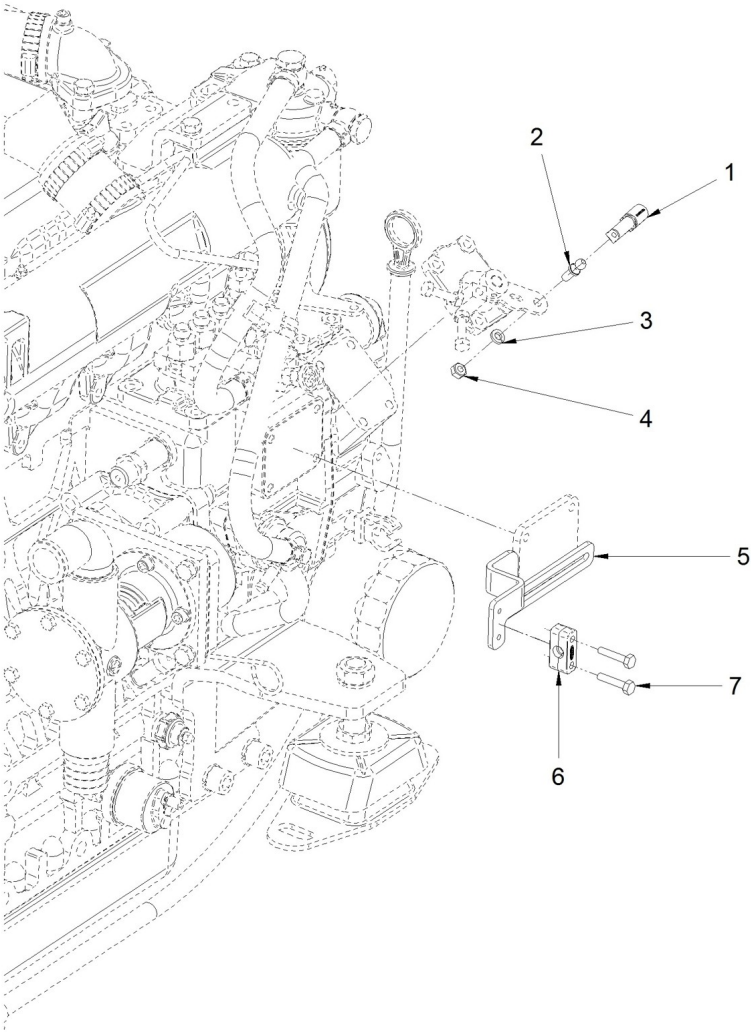
D SKA1 1 12 Engine Brackets

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A010001	1	Bracket Front, Left			
2	1A010002	1	RIGHT, front bracket			
3	53203359	6	Bolt DIN 912 M12-1,25-30 12.9			
4	53033012	6	Washer Grower DIN 127-12			
5	61673100	2	Engine Mount Type D 45 SHA M16 H 114			

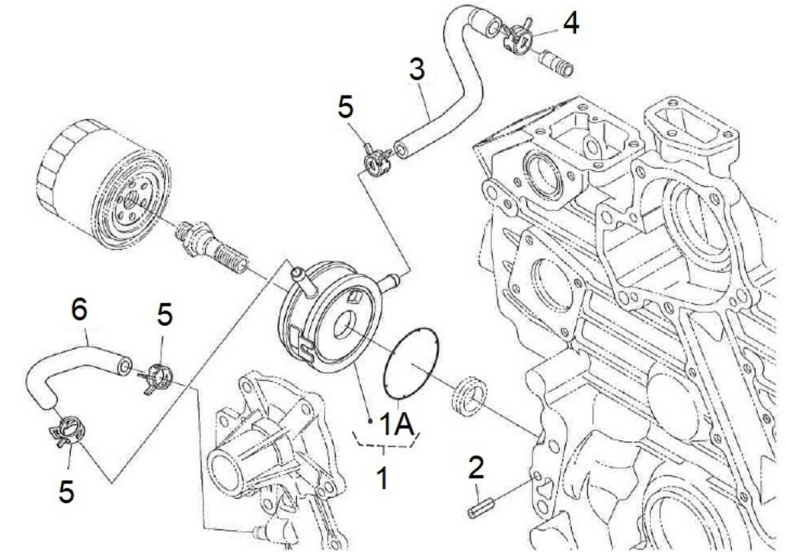


D FA1988 1 13 Bracket, Engine Control

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	15119015	1	CABLE Holder Ball			
2	14419023	1	Ball JOINT			
3	53033006	2	Washer GROWER DIN 127-6			
4	52120006	2	Nut DIN 934 M6 8.8			
5	1E019001	1	Bracket, Engine Control			
6	13819001	2	Half Flange Morse Cable			
7	52102108	2	Bolt DIN 933 M5-20 8.8 CINCADO			
NS	1E019002	1	Lever Assy Speed Adaptateur			

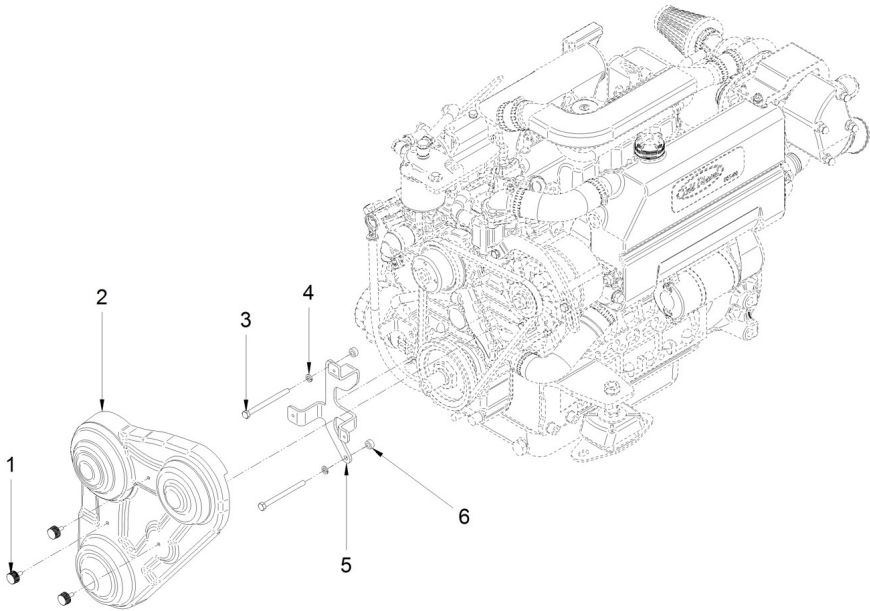


D SKA1 1 14		Oil cooler				
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A024085	1	Oil Plug			
1A	1A024086	1	O-Ring			
2	1A024087	1	Spring			
3	1A024088	1	House Oil Cooler			
4	1A024089	1	Clamp			
5	1A024090	3	Clamp			
6	1A024091	1	House Oil Cooler			



D SKA1 1 15 Belt Protection

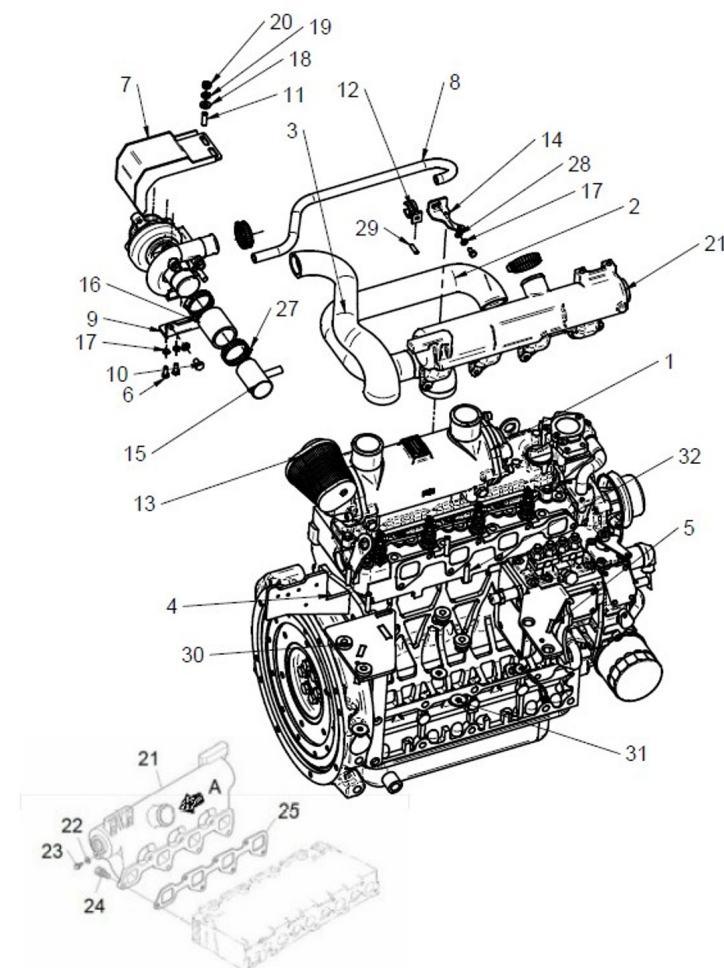
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	13810247	3	Grip Knob M6			
2	1A010021	1	Belt Protection			
3	52101273	2	Bolt DIN 931 M8-100 8.8			
4	53033008	2	Washer GROWER DIN 127-8			
5	1A010022	1	Bracket Protection Belt			
6	1A010023	2	Spacer			



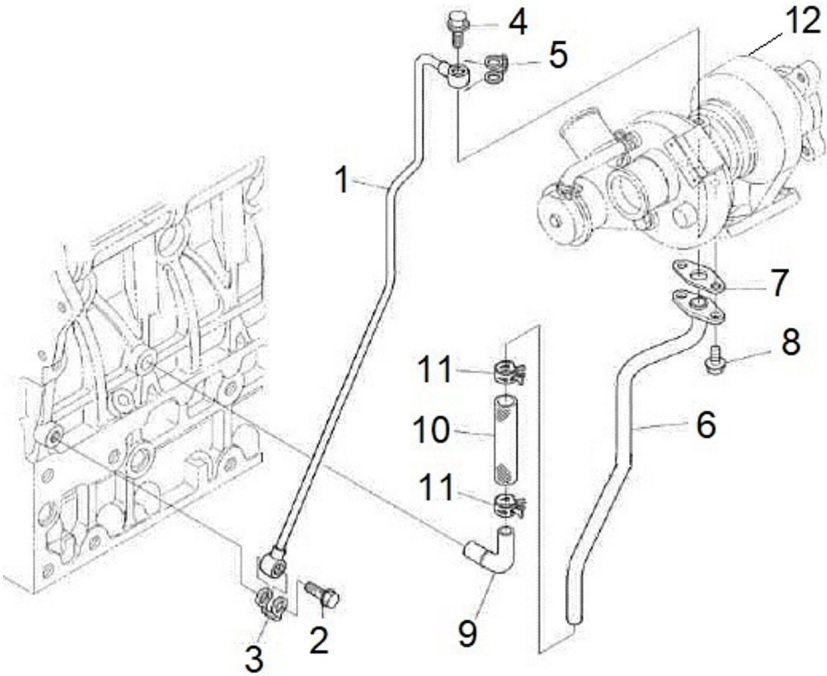
D FA1988 2 1

Inlet

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1E021101	1	Charge Air Cooler			
2	1E010019	1	Hose			
3	1E010020	1	Hose			
4	1E017001	1	Relay, Bracket			
5	1E017002	1	Intercooler Bracket			
6	52102156	2	Bolt DIN 933 M6-16 8.8			
7	1A013002	1	Termic, Bucklers			
9	1A010024	1	Bracket			
10	52102255	2	Bolt DIN 933 M8-12 8.8			
11	52111258	2	ROD DIN 913 M8-25 8.8			
12	59071161	1	Clamp RSGU 1 16/12 W1			
13	1E010012	1	Air Filter			
14	1A010018	1	Bracket			
15	1A024030	1	House, Breather			
16	1A024031	1	Pipe Turbocharger			
17	53033006	2	Washer GROWER DIN 127-6			
18	51030008	2	Washer DIN 125-8			
19	53033008	2	Washer GROWER DIN 127-8			
20	54120008	2	Nut DIN 934 M8			
21	1A021080	1	Manifold Intake			
22	1A021081	1	Packing			
24	1A021083	7	Bolt			
25	1A021084	1	Gasket, in manifold			
27	54082032	7	Clamp DIN 3017 32-50/12 W4			
28	51030006	1	Washer DIN 125-6			
30	1E013813	4	Anti Vibration Mounts			
31	1E013814	4	Washer 28x9x3			
32	12110018	4	Stud			
NS	13211057	1	Rubber			

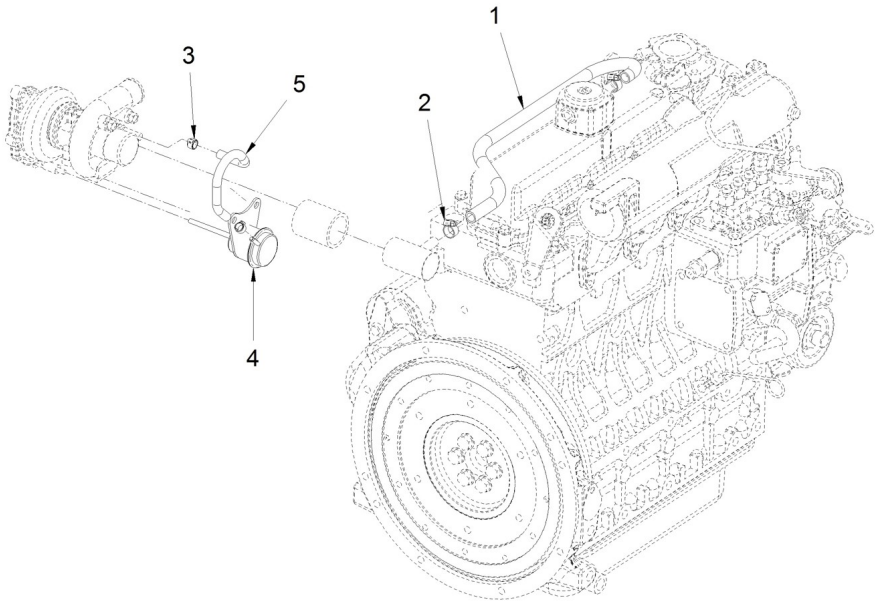


D FA1988 2 2		Turbocharger				
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A028012	1	Comp. Pipe Oil			
2	1A012007	1	Banjo Bolt M8x1.25			
3	56000057	2	Washer 8-13-1,5			
4	1A012008	1	Banjo Bolt M10x1.25			
5	56000011	2	Washer			
6	1A012005	1	Pipe			
7	1A022004	1	Turbo Gasket			
9	1A028010	1	Elbow			
10	1A028011	1	Tube, Oil			
11	54081012	2	Clamp DIN 3017 12-22/9 W4			
12	1E028000	1	Turbocharger, Assy			

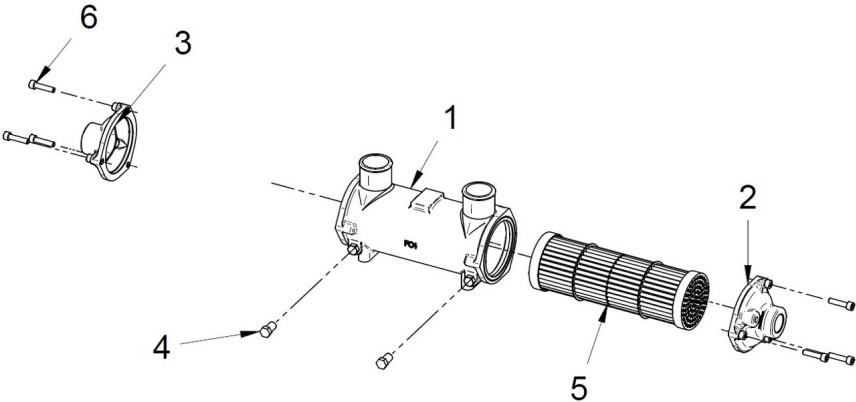


D FA1988 2 5 Breather Line

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A010011	1	Hose, Breather			
2	54081012	2	Clamp DIN 3017 12-22/9 W4			
3	51086011	2	ONE EAR Clamp With Interior Ring 9-10,5			
4	(*)	1	Not available			
5	1E010510	1	Hose ATD D. 5-10			

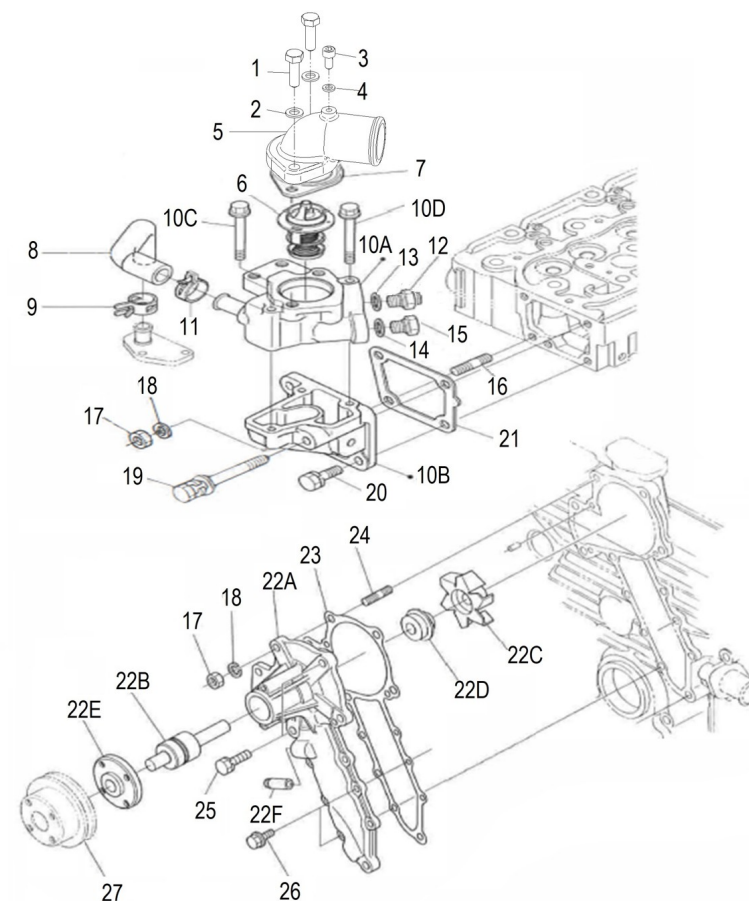


D FA1988 2 9 Intercooler						
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1E021101A	1	AW Intercooler Body	[NP]		
2	1E021101B	1	Cover	[NP]		
3	1E021101C	1	Cover with Drain Plug	[NP]		
4	1E021101D	2	Plug	[NP]		
5	1E021101Z	1	Tubular Bundle	[NP]		
6	53103260	6	Bolt DIN 912 M8-35 12.9			
NS	19424020.2	2	O-Ring D. 95X4	[NS]		



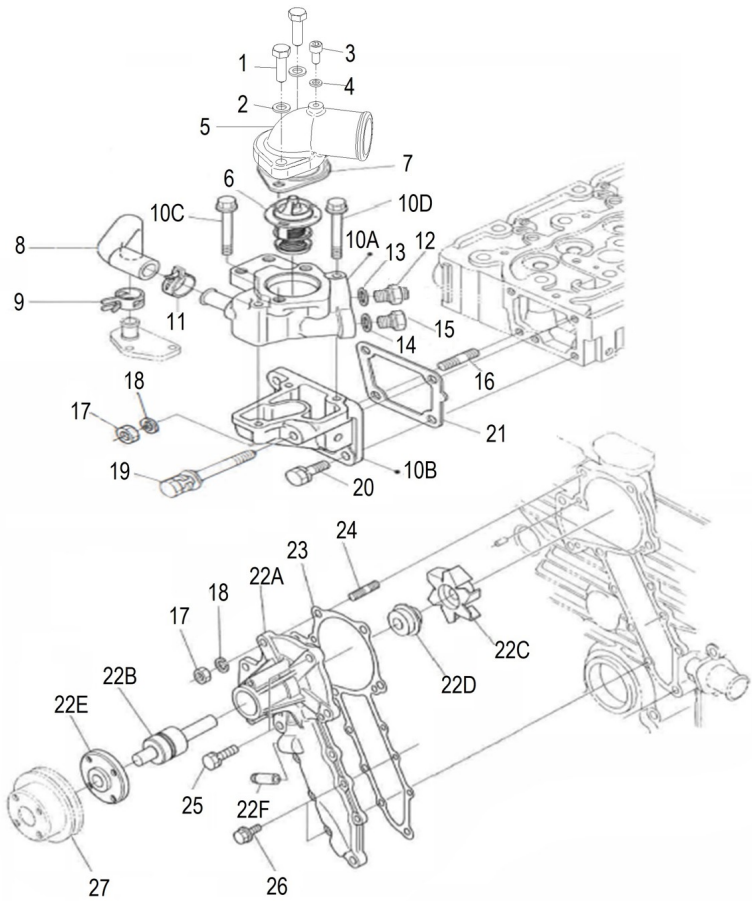
D SKA1 3 1 Water Pump

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	52102258	2	Bolt DIN 933 M8-25 8.8			
2	53038008	2	Washer DIN 6798-A 8			
3	13811035	1	Bolt,bleed			
4	56000053	1	Washer 6-10-1,5			
5	1A011020	1	FITTING,water outlet			
6	1A021027	1	Thermostat			
7	1A021031	1	Gasket Water OutL			
8	1A021026	1	Pipe Water Return			
9	1A024089	1	Clamp			
10	1A021100	1	Thermostat Assy			
10AB (*)		2	Not available			
10C	1A021125	2	Bolt			
10D	1A021126	1	Bolt			
11	1A021103	1	Clamp			
12	60900980	1	Temperature Sensor			
13	56000073	1	Copper Washer 16-23-1,5			
14	1A021104	1	Gasket			
15	1A021105	1	Bolt, Bleed			
16	1A021106	1	Stud			
17	1A021107	1	Nut			
18	1A021013	1	Washer spring			
19	1A021109	1	Bolt			
20	1A021110	2	Bolt			
21	1A021111	1	Gasket,Thermostat			
22	1A021112	1	Fresh Water Pump			
22A	1A021113	1	Case, Coolant Pump			
22B	1A021114	1	Bearing			
22C	1A021115	1	Body, Water Pump			
22D	1A021116	1	Oil Seal			
22E	1A021117	1	Flange (Water Pump Shaft)			
22F	1A021118	1	Pipe, Water Return			



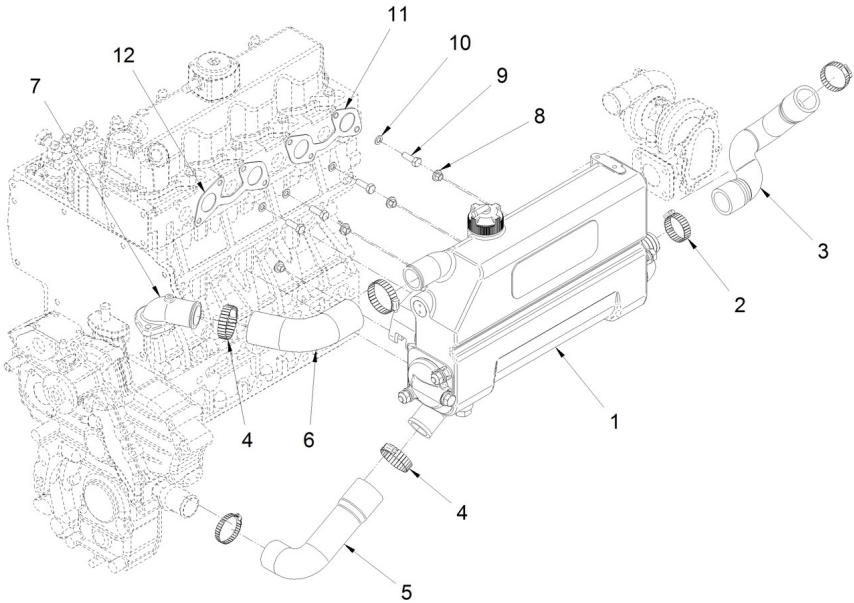
D SKA1 3 1 Water Pump

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
23	1A021121	1	Gasket Water Pump			
24	1A021122	1	Stud			
25	1A021123	2	Bolt			
26	1A021124	6	Bolt			
27	1A020004	1	Pulley			



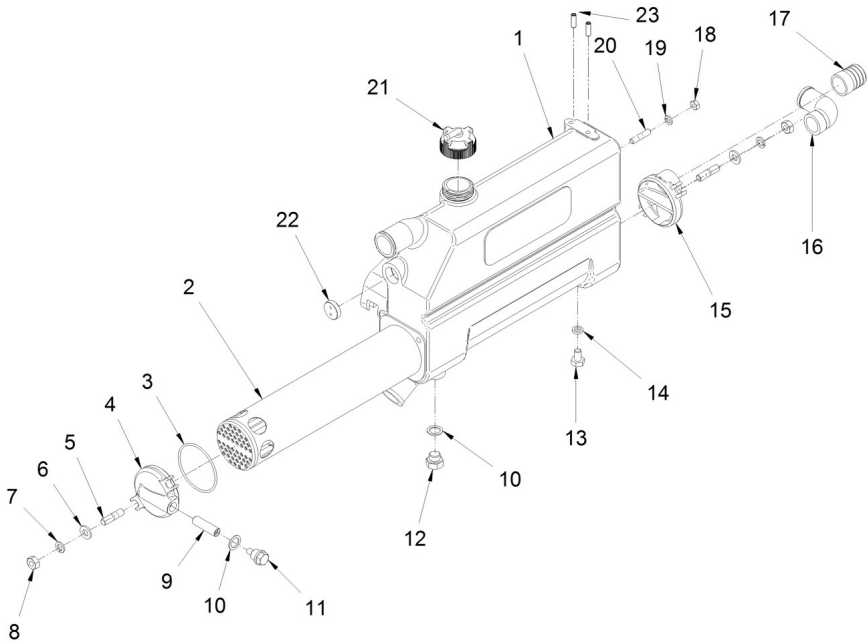
D FA1988 3 2 Cooler Pipes

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A011000R	1	Water Cooler Assy SK-60			
2	54082025	2	Clamp DIN 3017 25-40/12 W4			
3	1E010028	1	Rubber Wet Exhaust Inlet Bend			
4	54082032	4	Clamp DIN 3017 32-50/12 W4			
5	1A011023	1	Elbow			
6	1A011022	1	Elbow			
7	1A011020	1	FITTING,water outlet			
8	51125008	4	Nut Exhaust			
9	52102258	4	Bolt DIN 933 M8-25 8.8			
10	53038008	4	Washer DIN 6798-A 8			
11	1A021035	1	Gasket Exhaust Manifold			
12	1A021036	1	Gasket Exhaust Manifold			



D 1A011000R Water Cooler Assy SK-60 (R)

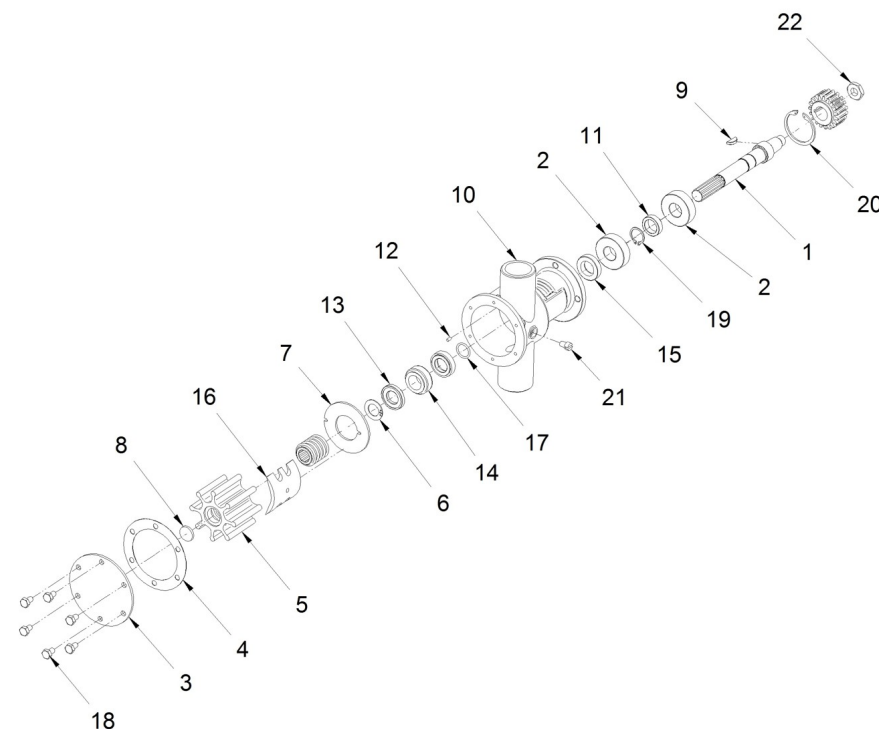
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A011001	1	Body, Water Cooler	[NP]		
2	17111004	1	Tubular Bundle			
3	18011008	2	O-Ring D. 72X3			
4	18011002	1	Water Cooler Cover			
5	51030010	4	Washer DIN 125-10			
6	53033010	4	Washer GROWER DIN 127-10			
7	52120010	4	Nut DIN 934 M10 8.8			
8	16511007	4	Stud			
9	18011031	1	Engine Anode 45 mm M.8			
10	56000073	2	Copper Washer 16-23-1,5			
11	18011009	1	Anode Plug			
12	12111076	1	Plug			
13	54102306	1	Bolt DIN 933 M10-16 INOX.			
14	56000205	1	Washer 10-16-3			
15	17411003	1	Water Cooler Cover			
16	14711021	1	Elbow N°1			
17	60180007	1	Outlet Coupling			
18	54120008	4	Nut DIN 934 M8			
19	53033008	4	Washer GROWER DIN 127-8			
20	13311006	4	Stud,cover			
21	13811010	1	Cap			
22	12113092	1	Plug			
23	52111258	2	ROD DIN 913 M8-25 8.8			
NS	17713003	1	Exhaust Manifold Gasket	[NS]		
NS	1A011040	1	SK-60 Cooler Adhesive	[NS]		
NS	ETIQUETA0035	1	Engine Vinyl Solé Advance 13.85x6.6 cm	[NS]		



3A011000

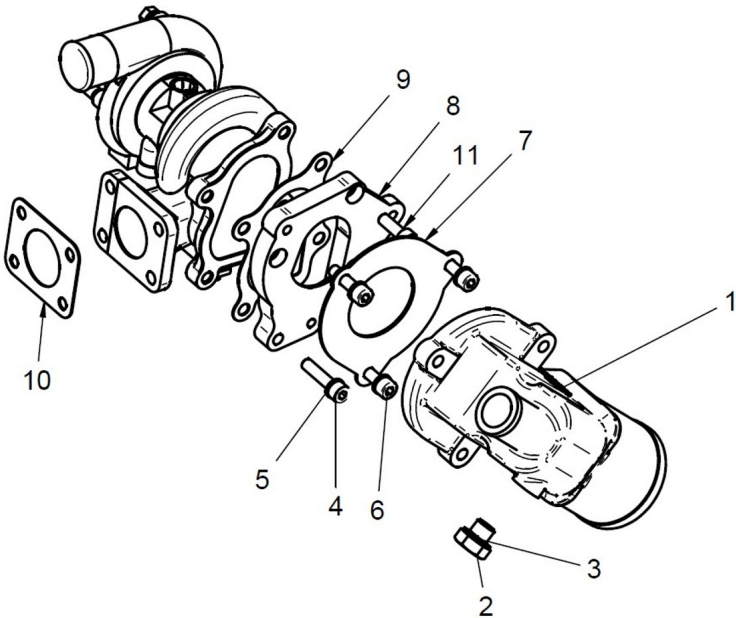
Key Pump 1"

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	3A011010	1	Shaft			
2	33311014	2	Ball Bearing 6203			
3	34711002	1	Cover Pump			
4	34711003	1	Gasket Cover			
5	34711008	1	1" Impeller			
6	54040016	1	CIRClip E-16			
7	34711026	1	Plate,Friction			
8	34711041	1	Impeller Plug			
9	35111035	1	KEY DIN 6888 3-6,5-16 INOX			
10	36511001	1	Body,water pump			
11	36511015	1	Spacer 17X24X7			
12	36511017	1	Pin,Dowel			
13	36511018	1	Washer,seal			
14	36511019	1	Seal			
15	36511020	1	Seal 16-30-7			
16	3A011005	1	Sleeve 4,5 mm.			
17	33311013	1	O-Ring D. 15X2			
18	54102154	6	Bolt DIN 933 M6-10 INOX			
19	53040017	1	Circlip DIN 471 E-17			
20	53041040	1	Circlip DIN 472 I-40			
21	54108153	1	Bolt DIN 84 M6-8			
22	54121012	1	Nut DIN 439 M12			



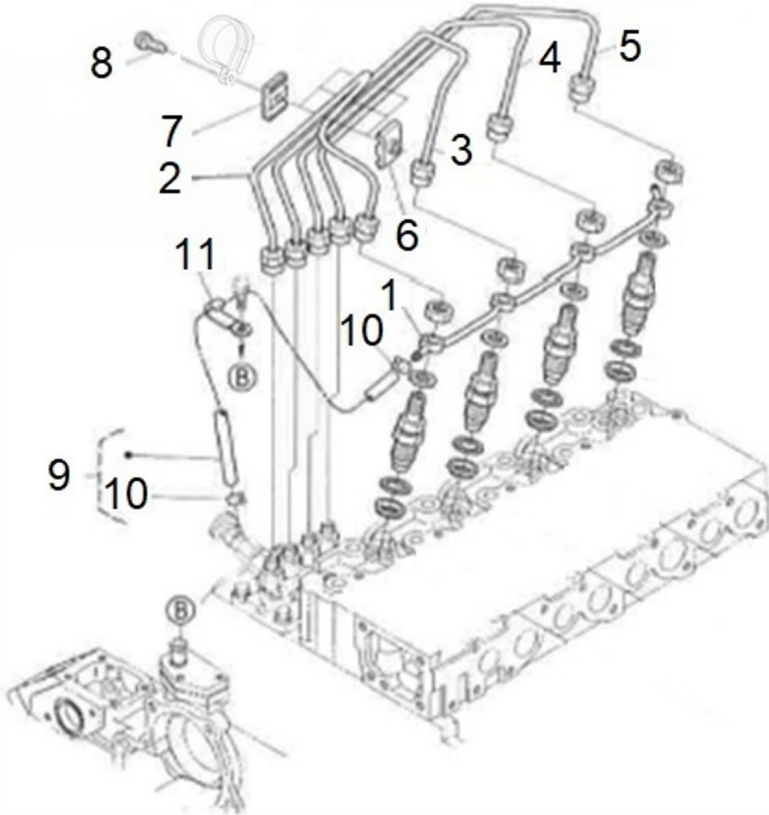
D FA1988 3 5 Wet Exhaust

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17813015	1	Elbow,wet exhaust			
2	55102405	1	Bolt DIN 933 M14-1,50-12 Brass			
3	56000020	1	Washer 14,3-22-1			
4	52103260	1	Bolt DIN 912 M8-35 8.8			
5	53033008	4	Washer GROWER DIN 127-8			
6	52103259	3	Bolt DIN 912 M8-30 8.8			
7	17813016	1	Gasket			
8	1E010024	1	Adaptor Wet Elbow			
9	17713016	1	Wet Exhaust Elbow Gasket			
10	17713003	1	Exhaust Manifold Gasket			
11	52103258	3	Bolt DIN 912 M8-25 8.8			



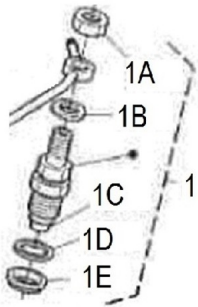
D SKA1 4 1 Fuel Pipe

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A024002	1	Assy,Fuel Return			
2	1A024015	1	Pipe Injection			
3	1A024016	1	Pipe Injection			
4	1A024017	1	Pipe Injection			
5	1A024018	1	Pipe Injection			
6	1A024019	3	Clamp			
7	1A024020	3	Clamp			
8	1A024021	3	Bolt			
9	1A024005	1	Pipe Assy (Over Flow)			
10	1A024006	2	Clamp			
11	1A024007	1	Clamp			



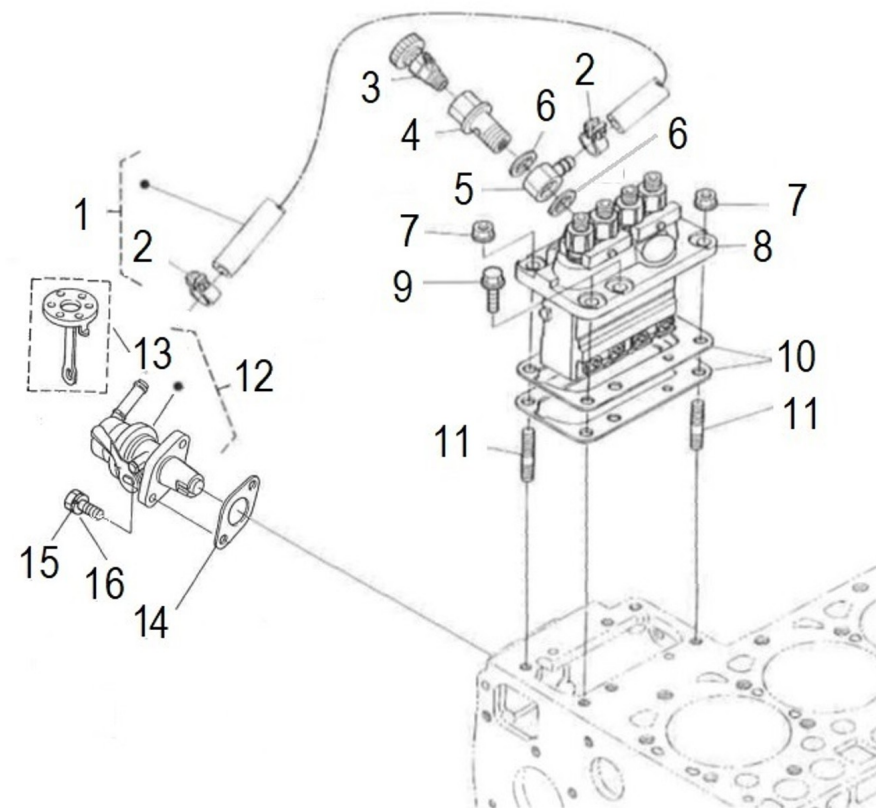
D SKA1 4 2 Injection Nozzle

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A026004	4	Nozzle Assy			
1A	1A026002	4	Nut			
1B	1A026003	4	Washer			
1C	1A026001	4	Pipe			
1D	1A026005	4	Injector Gasket			
1E	1A026006	4	Injector Oil Seal			



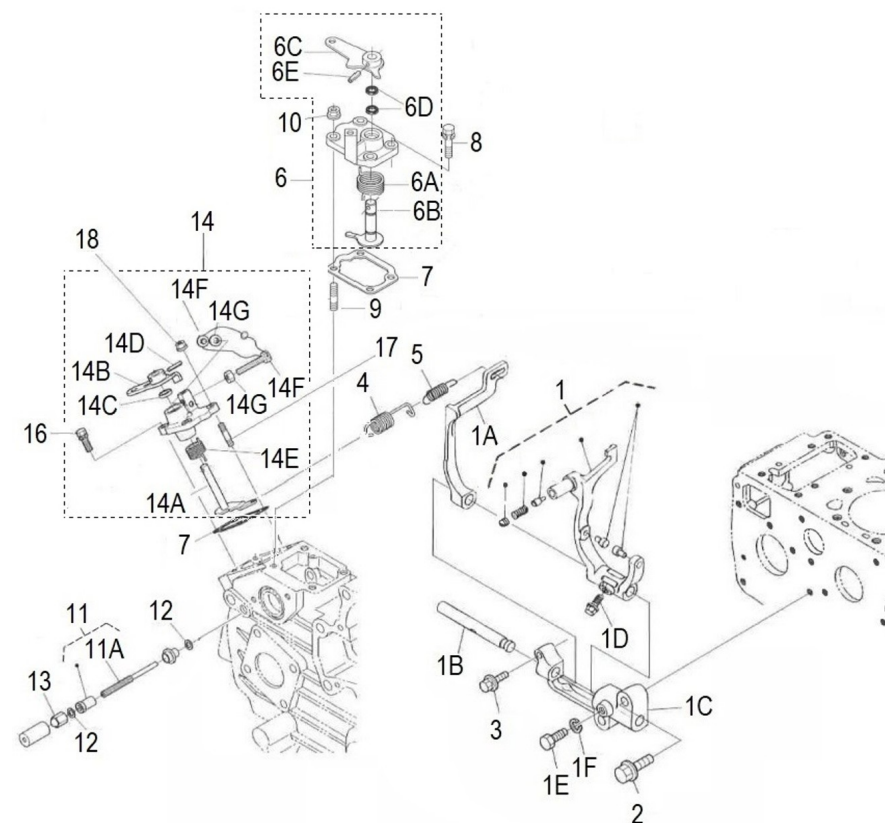
D SKA1 4 3**Fuel Injection Pump**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A025002	1	Tube Assy, Fuel			
2	1A025003	2	Clamp			
3	1A025004	1	Bolt, Bleed			
4	1A025005	1	Screw, Eye			
5	1A025006	1	Nipple eye			
6	1A025007	2	Gasket			
7	1A025008	2	Nut			
8	1A025001	1	Pump Injeccti3n Assy			
9	1A025009	4	Bolt			
10A	1A025011	1	Shim Injection 0,175mm			
10B	1A025012	0	Shim Injection 0,200mm	#		
10C	1A025013	0	Shim Injection 0,250mm	#		
10D	1A025014	0	Shim Injection 0,300mm	#		
11	1A021106	2	Stud			
12	1A025015	1	Fuel Pump			
13	1A025016	1	Comp Diaphragm			
14	1A025017	1	Fuel Pump Gasket			
15	54102156	2	Bolt DIN 933 M6-16 INOX			
16	51030006	2	Washer DIN 125-6			



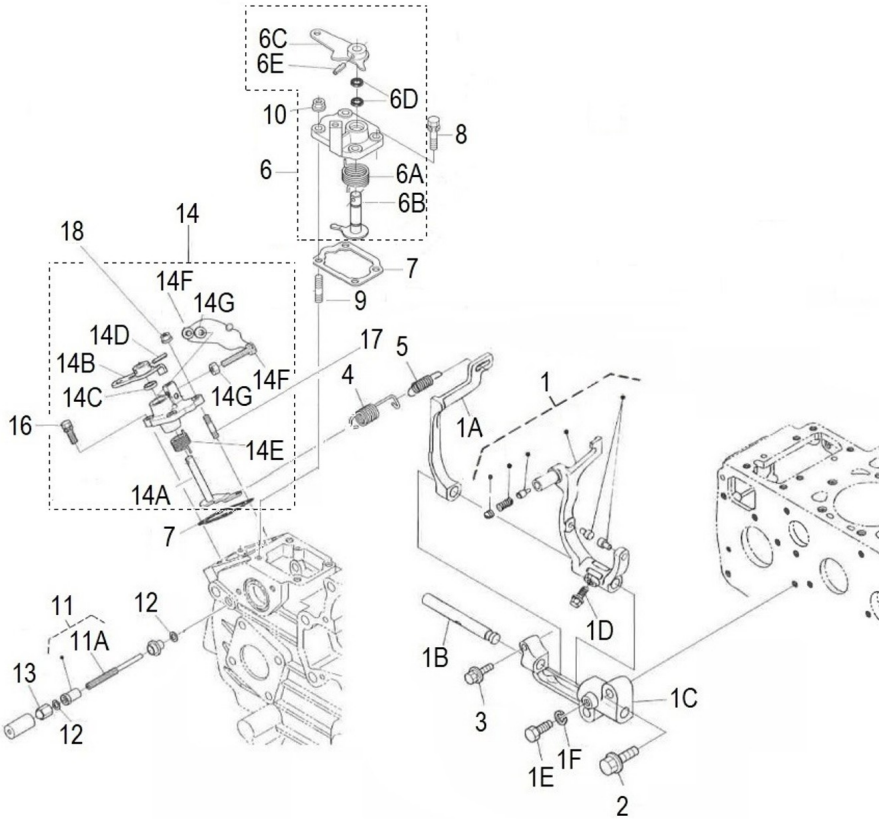
D SKA1 4 4**Governor Parts**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A023001	1	Regulator Assy			
1A	1A023002	1	Lever			
1B	1A023003	1	Shaft, Governor			
1C	1A023004	1	Holder Fork Lever			
1D	1A021106	1	Stud			
1E	1A023006	1	Bolt			
1F	1A020071	1	Washer			
2	1A020083	2	Bolt			
3	1A023009	1	Bolt			
4	1A023010	1	Spring			
5	1A023011	1	Spring			
6	1A023015	1	LEVER, ASSY (ENGINE STOP)			
6A	1A023020	1	SPRING, RETURN			
6B	1A023016	1	LEVER, COMP. (ENGINE STOP)			
6C	1A023017	1	LEVER ENGINE STOP			
6D	1A023018	2	PACKING (X-RING)			
6E	1A023019	1	PIN, SPRING			
7	1A023021	2	GASKET PLATE			
8	1A023022	2	BOLT, SEMS			
9	1A023023	2	STUD			
10	1A023024	2	NUT FLANGE			
11	1A023025	1	BOLT, ASSY (ADJUSTING)			
11A	1A023026	1	BOLT (ADJUSTING)			
12	1A023027	2	PACKING			
13	1A023028	1	NUT, CAP			
14	1A023029	1	ASSY PLATE CONTROL			
14A	1A023030	1	COMP. LEVER, GOVERNOR			
14B	1A023008	1	Lever Assy Speed			
14C	1A023031	1	SEAL, OIL			
14D	1A023032	1	PIN, SPRING			
14E	1A023033	1	SPRING, RETURN			

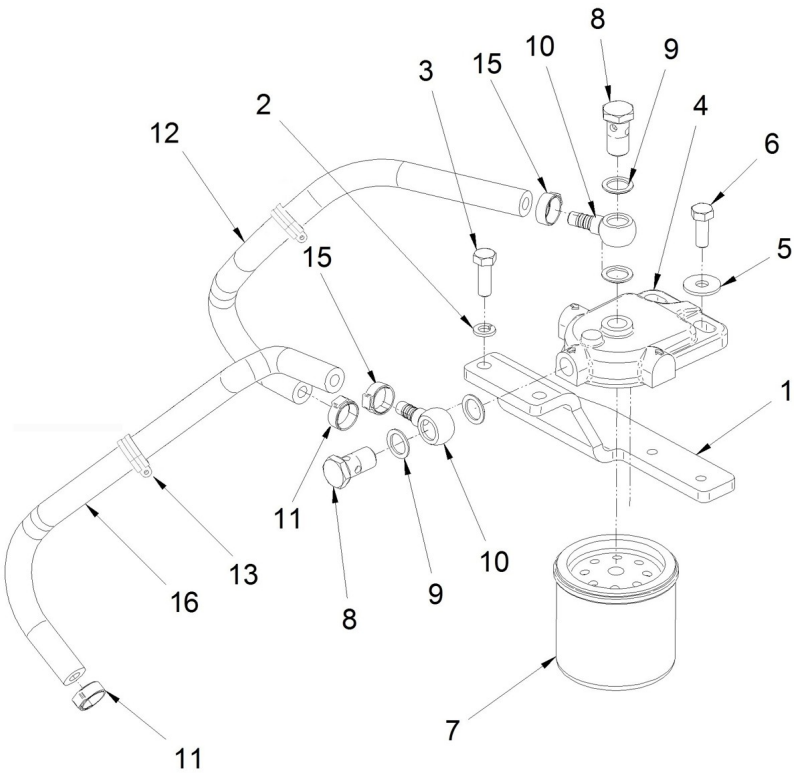


D SKA1 4 4 Governor Parts

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
14F	1A023034	2	BOL T, IDLING ADJUST			
14G	1A023035	2	HEX, NUT			
15	1A023039	2	NUT, FLANGE			
16	1A023037	2	BOLT, SEMS			
17	1A023038	2	STUD			



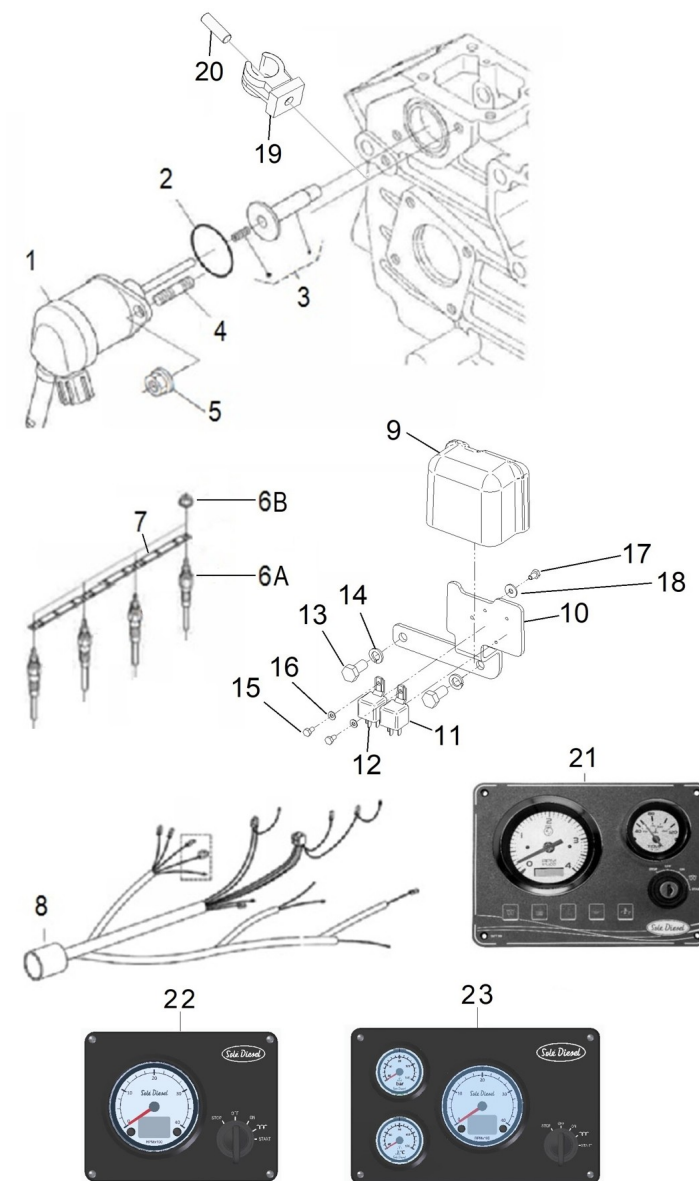
D FA1988 4 5 Fuel Supply Parts					
Fig.	Ref.	Qty.	Descr.	Obs	From UpTo
1	1A014001	1	Bracket, Fuel Filter		
2	53033008	2	Washer GROWER DIN 127-8		
3	52102258	2	Bolt DIN 933 M8-25 8.8		
4	13114120	1	Cover,filter f/.SMI		
5	51031008	2	Washer DIN 9021 8		
6	52102257	2	Bolt DIN 933 M8-20 8.8		
7	13114022	1	Fuel Filter Element from MINI 10 to 55		
8	12814051	2	Screw,eye		
9	57000369	4	Washer 14,2-20-1,5		
10	17214012	2	COLLAR,Union		
11	51086015	2	One Ear Clamp With Interior Ring 13-15,3		
12	17614029	1	Pipe		
13	59071161	2	Clamp RSGU 1 16/12 W1		
14	52111157	1	ROD DIN 913 M6-20 8.8		
15	51086016	2	ONE EAR Clamp With INTERIOR Ring 14-16,3		
16	1E014003	1	Pipe		



D FA1988 5 5

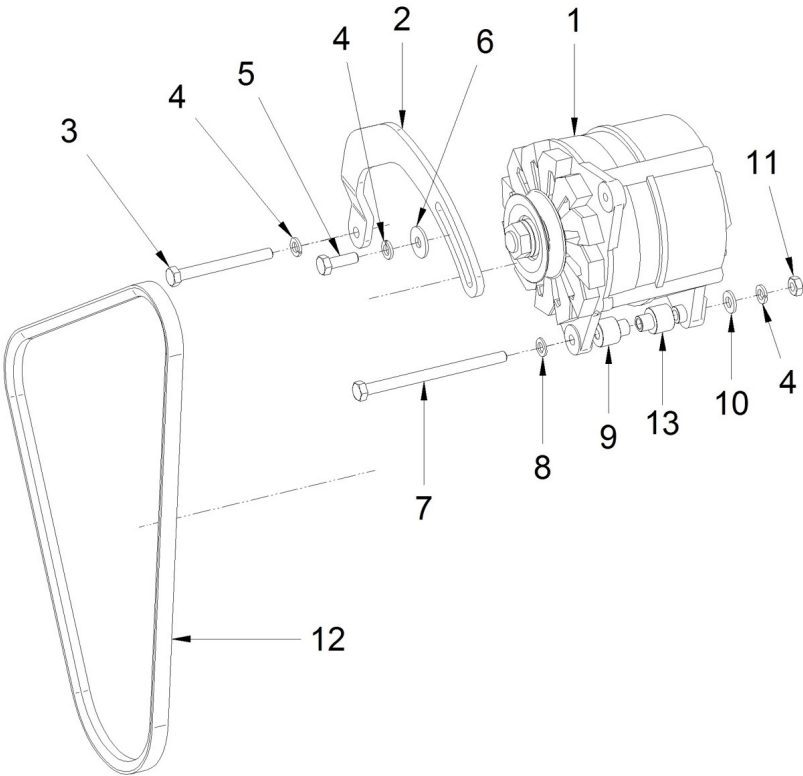
Electrical Wiring

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A024025	1	Stop Solenoid			
2	1A024026	1	O-Ring			
3	1A024027	1	Comp. Guide Solenoid			
4	1A020074	1	Stud			
5	1A024029	1	Nut			
6A	1A024120	2	Plug-Glow			
6B	1A027017	4	Nut			
7	1A027018	1	Cord (Glow Plug)			
8	60971210	1	SK-60 SVT Electrical Wiring			
9	13817003	1	Cover			
10	1E017001	1	Relay, Bracket			
11	60900238	1	Relay Nagares 12V 40A Diode			
12	18517005	1	Relay Nagares 12V 40A			
13	52202359	2	Bolt DIN 933 M12-1,25-30 8.8			
14	53033012	2	Washer Grower DIN 127-12			
15	52102104	2	Bolt DIN 933 M5-10 8.8			
16	51030005	2	Washer DIN 125-5			
17	52102154	2	Bolt DIN 933 M6-10 8.8			
18	51031006	2	Washer DIN 9021 6			
19	58088287	1	Nylon Cable Zip Tie			
20	52111157	1	ROD DIN 913 M6-20 8.8			
21	(*)	1	Not available			
22A	639E0211NS	1	Panel SSG 20 SK-80 ETR 12V Black			
22B	639E0211BS	1	Panel SSG 20 SK-80 ETR 12V White			
22E	639E0211BSL	1	Panel SSG 20 SK-80 ETR 12V White Earth Isolated			
22G	639E0211NSL	1	Panel SSG 20 SK-80 ETR 12V Black Earth Isolated			
23A	639E0311NS	1	Panel SSG 30 SK-80 ETR 12V Black			
23B	639E0311BS	1	Panel SSG 30 SK-80 ETR 12V White			
23E	639E0311BSL	1	Panel SSG 30 SK-80 ETR 12V White Earth Isolated			
23G	639E0311NSL	1	Panel SSG 30 SK-80 ETR 12V Black Earth Isolated			



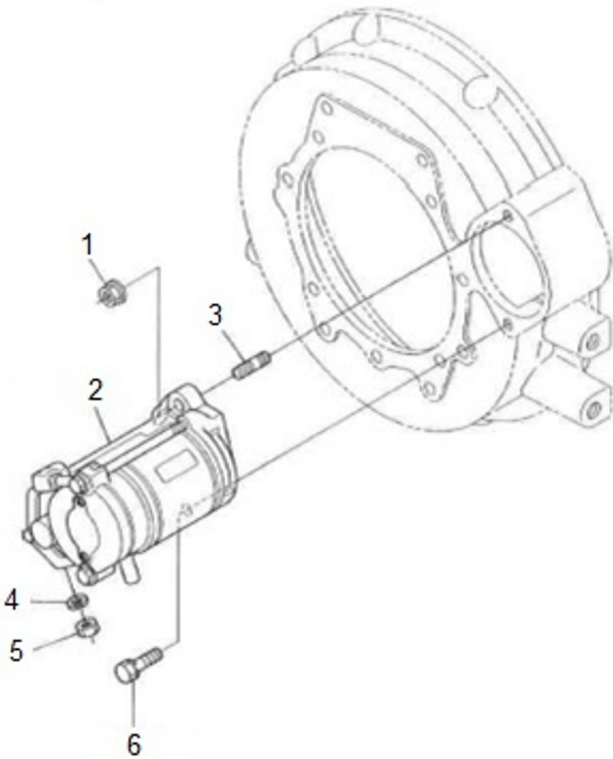
D SKA1 5 1 Kit Alternador 14V/120A

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A027000R	1	Alt. 14V/120A (R)			
2	1A017012	1	Plate			
3	52101269	1	Bolt DIN 931 M8-80 8.8			
4	53033008	3	Washer GROWER DIN 127-8			
5	52102258	1	Bolt DIN 933 M8-25 8.8			
6	51031008	1	Washer DIN 9021 8			
7	52101275	1	Bolt DIN 931 M8-120 8.8			
8	53038008	1	Washer DIN 6798-A 8			
9	1A017008	1	Bushing			
10	51030008	1	Washer DIN 125-8			
11	52120008	1	Nut DIN 934 M8 8.8			
12	17117020	1	Belt Type SPAX 1060			
13	1A017009	1	Bushing			



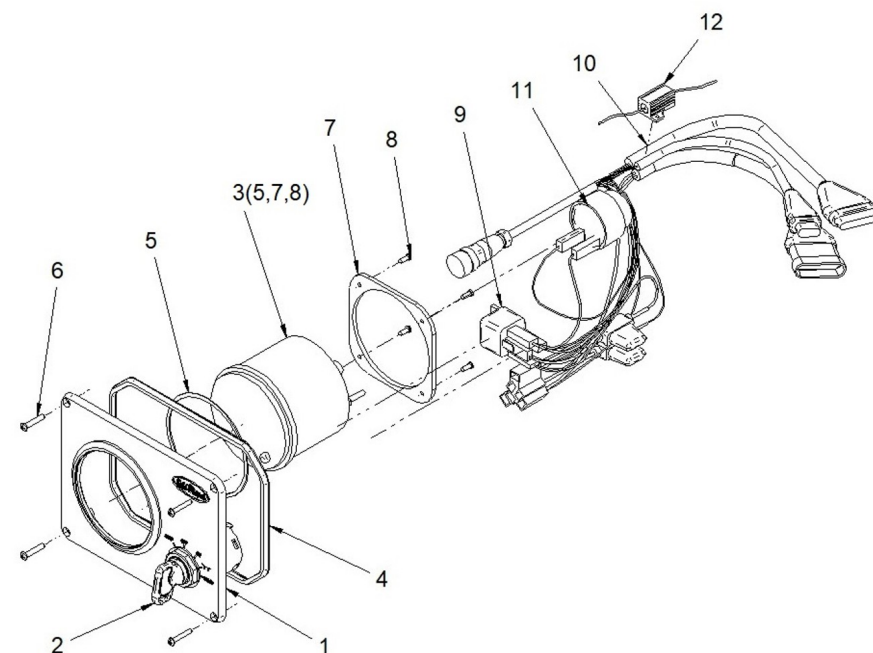
D SKA1 5 3 Spare Starter

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A027020	1	Nut			
2	1A027029	1	Starter Assy 12V 2,0KW			
3	1A027021	1	Stud			
4	1A021013	1	Washer spring			
5	1A027023	1	Nut			
6	1A027024	1	Bolt			



D 1631**Panel SSG 20 Spare Parts**

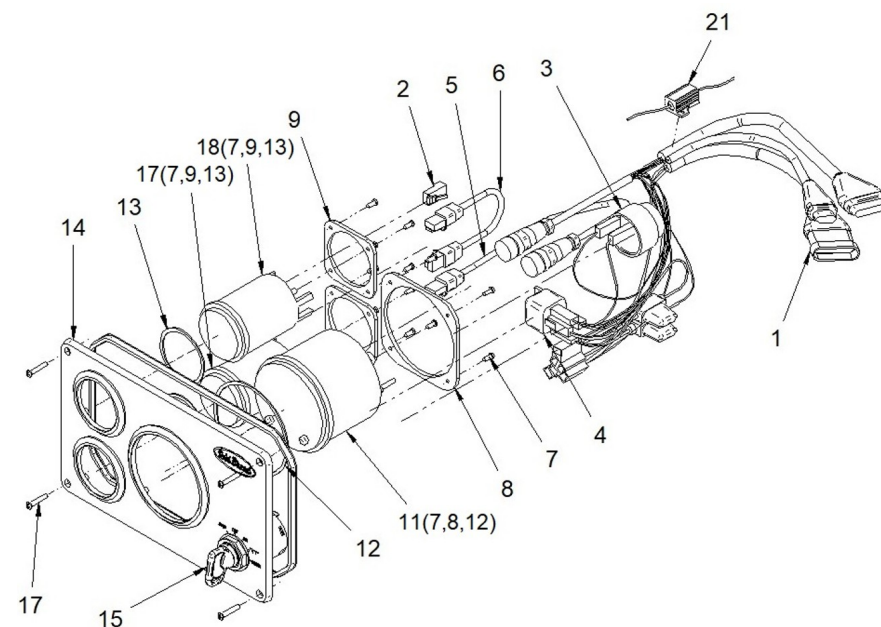
<i>Fig.</i>	<i>Ref.</i>	<i>Qty.</i>	<i>Descr.</i>	<i>Obs</i>	<i>From</i>	<i>UpTo</i>
3B	63938001BNR	1	Revolution Counter SG Solé MINI-17/29 Black			
3D	63972001BNR	1	Revolution Counter SG Solé MINI-33/44/55 Black			
3F	639A0001BNR	1	Revolution Counter SG Solé SK-60 Black			
3H	63971001BNR	1	Revolution Counter SG Solé MINI-62 Black			
3I	63974001BSR	1	Revolution Counter SG Solé MINI-74/SM-105/103 White			
3J	63974001BNR	1	Revolution Counter SG Solé MINI-74/SM-105/103 Black			
3K	63978001BSR	1	Revolution Counter SG Solé SM-82/94 White			
3L	63978001BNR	1	Revolution Counter SG Solé SM-82/94 Black			
3M	63994001BSR	1	Revolution Counter SG Solé SDZ-165/205/280 White			
3N	63994001BNR	1	Revolution Counter SG Solé SDZ-165/205/280 Black			
5	63900009	1	Silicone Tachometer Gasket SG 94x84x1 Frontal			
6	51918057	4	Bolt DIN 7981 3,9-22			
9B	63900029	1	Relay 24V 22/10A NO+NC with Diode			
			Figure b for 24V System			
10	63900032	1	Electrical Installation Panel SSG Master			
12A	61100000	1	Resistance 12V 18 Ohm with Connectors Panel SG			
			Figure A for 12V System			
12B	61100001	1	Resistance 24V 75 Ohm with Connectors Panel SG			
			Figure b for 24V System			
13	63900040	1	Buzzer Bracket			
14	53033005	2	Washer GROWER DIN 127-5			
15	52120004	2	Nut DIN 934 M4 8.8			



D 1633

Panel SSG 30 Spare Parts

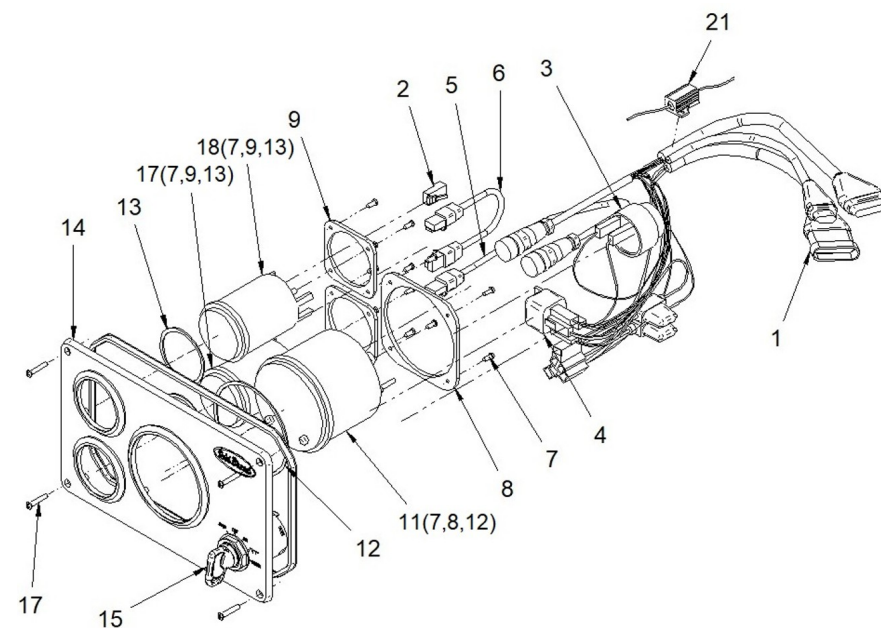
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	63900032	1	Electrical Installation Panel SSG Master			
2	63900026	1	CAN RJ45 Bus End Resistor			
2	63900037	1	CAN RJ45 Bus End Resistor CAN M12-5pin Female NMEA20			
3	60900060	1	Alarm, Buzzer			
4A	63900028	1	Relay 12V 40/15A NO+NC with Diode			
Figure A for 12V System						
4B	63900029	1	Relay 24V 22/10A NO+NC with Diode			
Figure b for 24V System						
5	63900025	1	M12-5 Pin To Connector RJ45 0.2m SG			
6	63900027	1	Ethernet Cable RJ45 0.2m			
7	5191B003	12	Bolt CL81Z 3.1X8			
8	63900007	1	SG D.85 Tachometer Bracket			
8	63900008	2	SG D.52 Watch Support			
11A	63938001BSR	1	Revolution Counter SG Solé MINI-17/29 White			
11B	63938001BNR	1	Revolution Counter SG Solé MINI-17/29 Black			
11C	63972001BSR	1	Revolution Counter SG Solé MINI-33/44/55 White			
11D	63972001BNR	1	Revolution Counter SG Solé MINI-33/44/55 Black			
11E	639A0001BSR	1	Revolution Counter SG Solé SK-60 White			
11F	639A0001BNR	1	Revolution Counter SG Solé SK-60 Black			
11G	63971001BSR	1	Revolution Counter SG Solé MINI-62 White			
11H	63971001BNR	1	Revolution Counter SG Solé MINI-62 Black			
11I	63974001BSR	1	Revolution Counter SG Solé MINI-74/SM-105/103 White			
11J	63974001BNR	1	Revolution Counter SG Solé MINI-74/SM-105/103 Black			
11K	63978001BSR	1	Revolution Counter SG Solé SM-82/94 White			
11L	63978001BNR	1	Revolution Counter SG Solé SM-82/94 Black			
11M	63994001BSR	1	Revolution Counter SG Solé SDZ-165/205/280 White			
11N	63994001BNR	1	Revolution Counter SG Solé SDZ-165/205/280 Black			
12	63900009	1	Silicone Tachometer Gasket SG 94x84x1 Frontal			
13	63900010	2	Silicone Watch Gasket SG 54x48x1 Frontal			
14	63900014	1	SSG 30 Panel Solé Diesel			
14	63900091	1	Solé Advance SSG 30 Panel			



D 1633

Panel SSG 30 Spare Parts

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
15	60900037	1	Key-Locking			
17	51918057	4	Bolt DIN 7981 3,9-22			
18A	63900003BSR	1	Pack Pressure Gauge SG Solé Master White			
18B	63900042NSR	1	Pressure Gauge SG Solé Master Black			
19A	63900002BSR	1	Pack Temperature Gauge SG Solé Master White			
19B	63900041NSR	1	Temperature Gauge SG Solé Master Black			
20	63900018	1	Gasket Panel SSG30			
21A	61100000	1	Resistance 12V 18 Ohm with Connectors Panel SG			
Figure A for 12V System						
21B	61100001	1	Resistance 24V 75 Ohm with Connectors Panel SG			
Figure b for 24V System						
22	63900040	1	Buzzer Bracket			
23	53033005	2	Washer GROWER DIN 127-5			
24	52120004	2	Nut DIN 934 M4 8.8			
NS	DC000709	1	Solé Advance floating keychain			
NS	LLAVERO.1A	1	Floating Keyring Solé Advance			



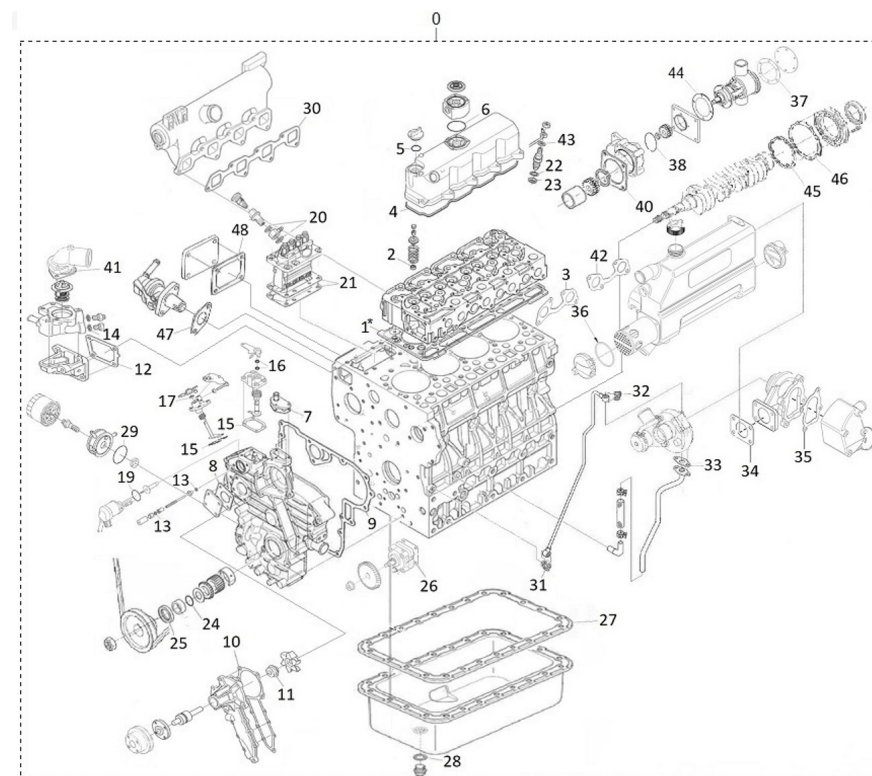
D_ALARPRO_1Engine Extension

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1A	60938210.1	1	Engine Wiring Ext. 3 M. SUPERSEAL			
1B	60985210.1	1	Engine Wiring Ext. 4 M. SUPERSEAL			
1C	60938211	1	Engine Wiring Ext. 8 M. SUPERSEAL			
1D	60985210.12.1	1	Engine Wiring Ext. 12 M. SUPERSEAL			
1E	60985210.15.1	1	Engine Wiring Ext. 15 M. SUPERSEAL			
1F	60985210.24.1	1	Engine Wiring Ext. 24 M. SUPERSEAL			
1G	60974552	1	3-way Wiring Wxtension for Auxilliary Kits 4 m			
1H	60900165	1	3-way Wiring Extension for Auxiliary Kits 6 m			
1I	60900166	1	3-way Wiring Extension for Auxiliary Kits 12 m			
1J	60900167	1	3-way Wiring Extension for Auxiliary Kits 24 m			



D SKA1 6 1 Gasket Kit

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
0	1A020101	1	Gasket Kit SK-60/80			
1A	1A021005	0	Gasket, Cylinder head 1,15mm	#		
1B	1A021004	0	Gasket,Cylinder Head STD	#		
1C	1A021006	0	Gasket, Cylinder head 1,25mm	#		
1D	1A021007	0	Gasket, Cylinder head 1,30mm	#		
1E	1A021008	0	Gasket, Cylinder head 1,35mm	#		
2	1A022054	8	Seal,oil			
3	1A021036	1	Gasket Exhaust Manifold			
4	1A021009	1	Gasket,Head Cover			
5	1A021017	1	O-Ring			
6	1A021046	1	O-Ring			
7	1A020077	1	Gasket			
8	1A020073	1	Gasket			
9	1A020040	1	Gasket, Gear Case			
10	1A021121	1	Gasket Water Pump			
11	1A021116	1	Oil Seal			
12	1A021111	1	Gasket,Thermostat			
13	1A023027	2	PACKING			
14	1A021104	1	Gasket			
15	1A023021	2	GASKET PLA TE			
16	1A023018	2	PACKING (X-RING)			
17	1A023031	1	SEAL, OIL			
19	1A024026	1	O-Ring			
20	1A025007	2	Gasket			
21A	1A025011	1	Shim Injection 0,175mm			
21B	1A025012	1	Shim Injection 0,200mm			
21C	1A025013	1	Shim Injection 0,250mm			
21D	1A025014	1	Shim Injection 0,300mm			
22	1A026005	4	Injector Gasket			
23	1A026006	4	Injector Oil Seal			
24	1A022031	1	O-Ring			



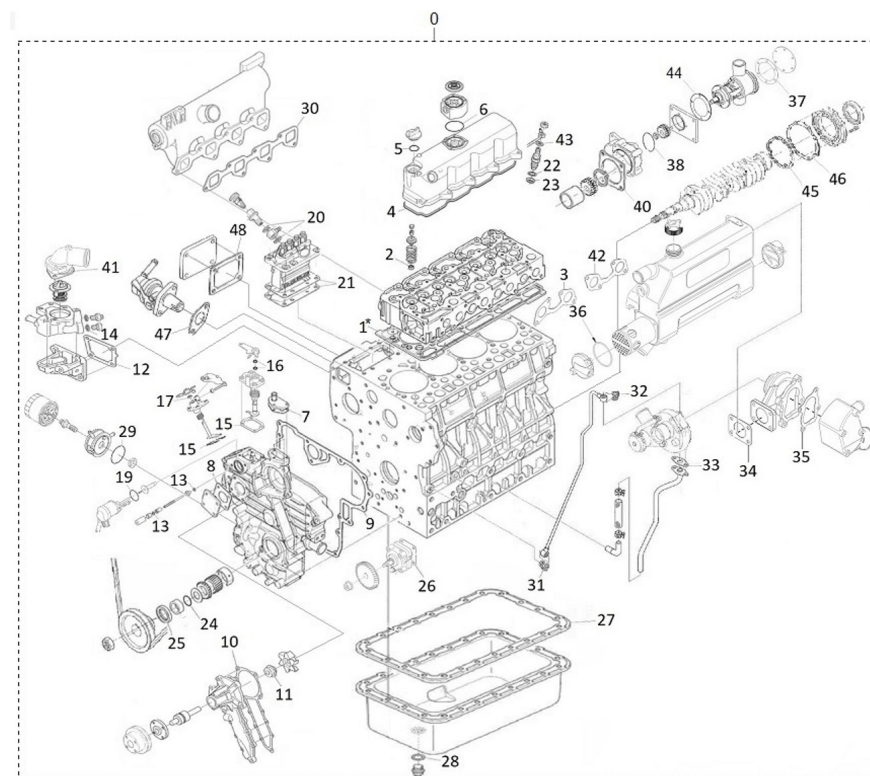
*Elegir medida de junta
*Choose joint size



[VAR] - Variable according to repair

D SKA1 6 1 Gasket Kit

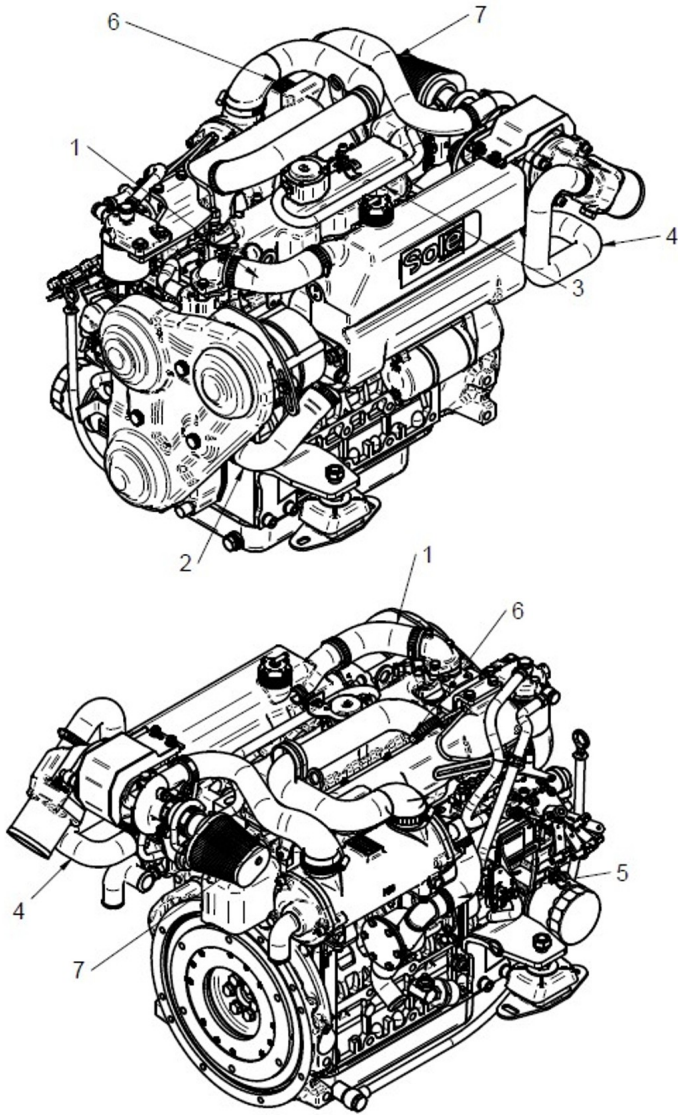
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
25	1A022029	1	Seal,oil			
26	1A022067	1	Gasket Oil Pump			
27	1A020033	1	Gasket,Oil Pan			
28	1A020009.1	1	Oil Pan Drain Plug Gasket			
29	1A024086	1	O-Ring			
30	1A021084	1	Gasket, in manifold			
31	56000057	2	Washer 8-13-1,5			
32	56000011	2	Washer			
33	1A022004	1	Turbo Gasket			
34	17713003	1	Exhaust Manifold Gasket			
35	17713016	1	Wet Exhaust Elbow Gasket			
36	18011008	2	O-Ring D. 72X3			
37	34711003	1	Gasket Cover			
38	1A022102	1	O-Ring			
40	1A020028	1	Gasket			
41	1A021031	1	Gasket Water OutL			
42	1A021035	1	Gasket Exhaust Manifold			
43	1A026003	4	Washer			
44	13310013	1	Gasket,water pump			
45	1A022110	1	Gasket, Bearing Case			
46	1A022112	1	Gasket, Case Cover			
47	1A020048	1	Gasket Fuel Pump			
48	1A020049	1	Gasket Pump Cover			



*Elegir medida de junta
 *Choose joint size

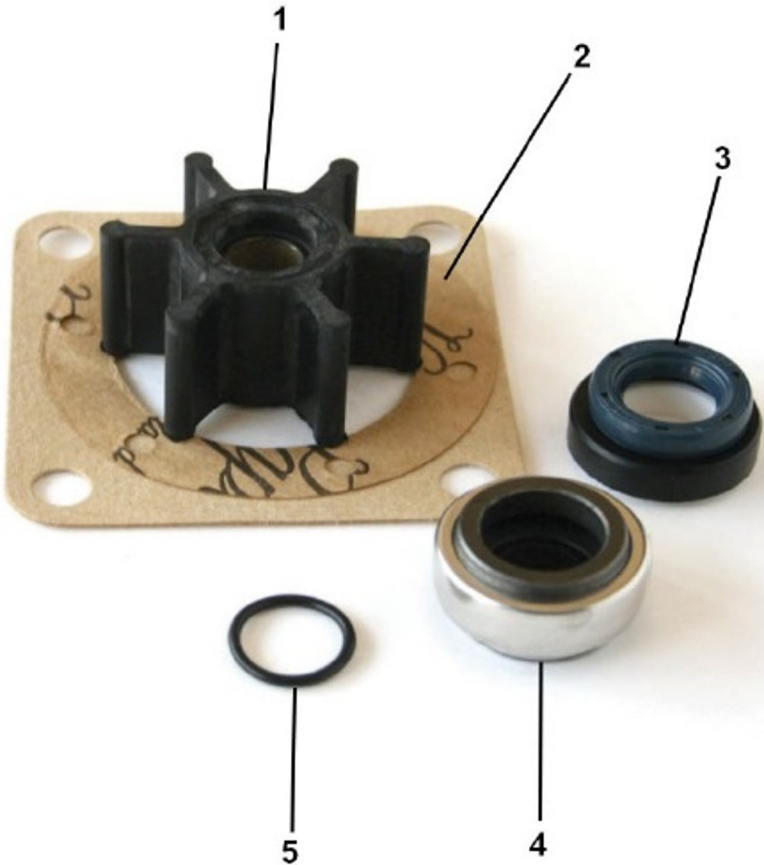
1E011100 Pipe Rubber Set,Water Line SK-80

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	1A011022	1	Elbow			
2	1A011023	1	Elbow			
3	1A010011	1	Hose, Breather			
4	1E010028	1	Rubber Wet Exhaust Inlet Bend			
5	13211057	1	Rubber			
6	1E010019	1	Hose			
7	1E010020	1	Hose			



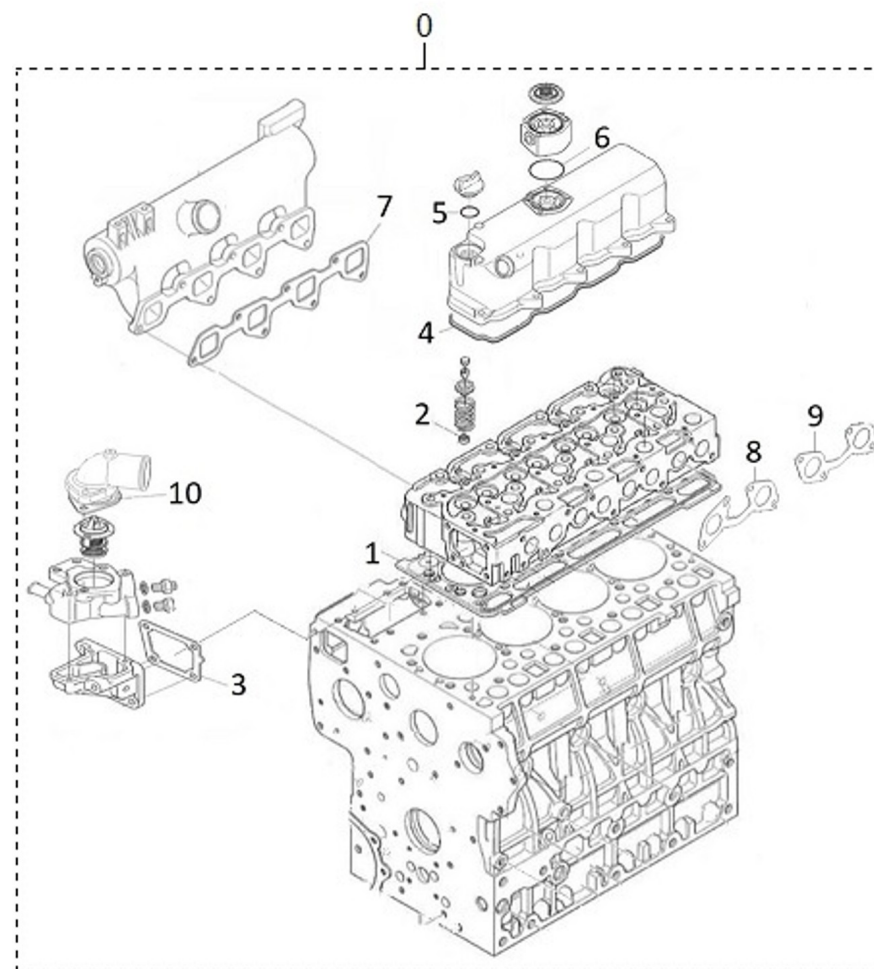
3A011000K Repair Kit Water Pump 1"

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	34711008	1	1" Impeller			
2	34711003	1	Gasket Cover			
3	36511020	1	Seal 16-30-7			
4	36511019	1	Seal			
5	33311013	1	O-Ring D. 15X2			
NS	13310013	1	Gasket,water pump			



D SKA1 6 2**Descarbonization Kit**

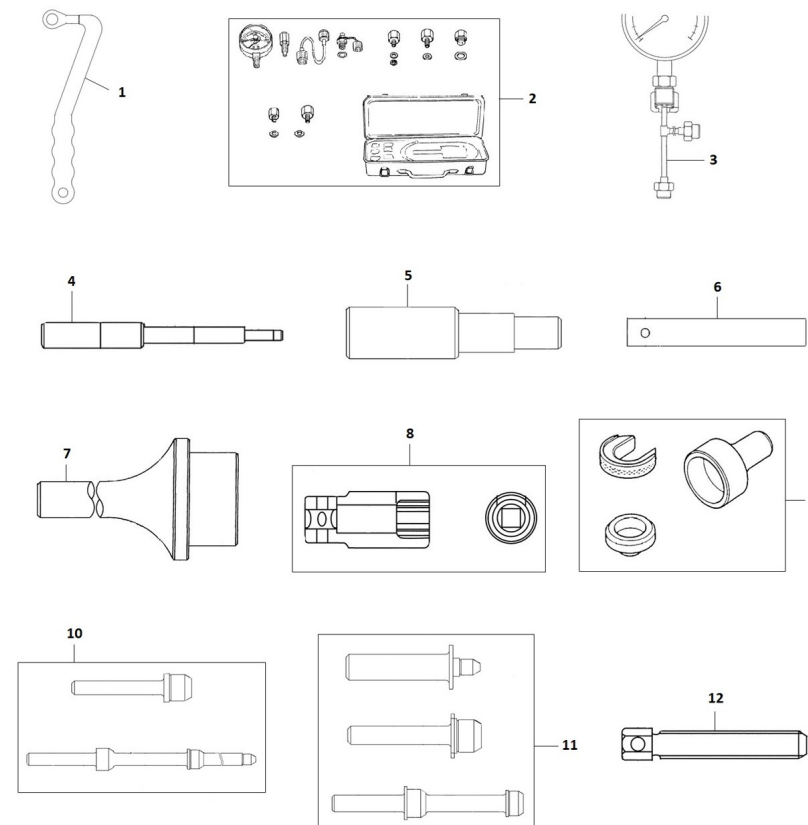
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
0	1A020101.1	1	Descarbonization Kit SK-60			
1A	1A021005	0	Gasket, Cylinder head 1,15mm	#		
1B	1A021004	0	Gasket,Cylinder Head STD	#		
1C	1A021006	0	Gasket, Cylinder head 1,25mm	#		
1D	1A021007	0	Gasket, Cylinder head 1,30mm	#		
1E	1A021008	0	Gasket, Cylinder head 1,35mm	#		
2	1A022054	8	Seal,oil			
3	1A021111	1	Gasket,Thermostat			
4	1A021009	1	Gasket,Head Cover			
5	1A021017	1	O-Ring			
6	1A021046	1	O-Ring			
7	1A021084	1	Gasket, in manifold			
8	1A021036	1	Gasket Exhaust Manifold			
9	1A021035	1	Gasket Exhaust Manifold			
10	1A021031	1	Gasket Water OutL			



D UTILFA1094 1

Special Tools

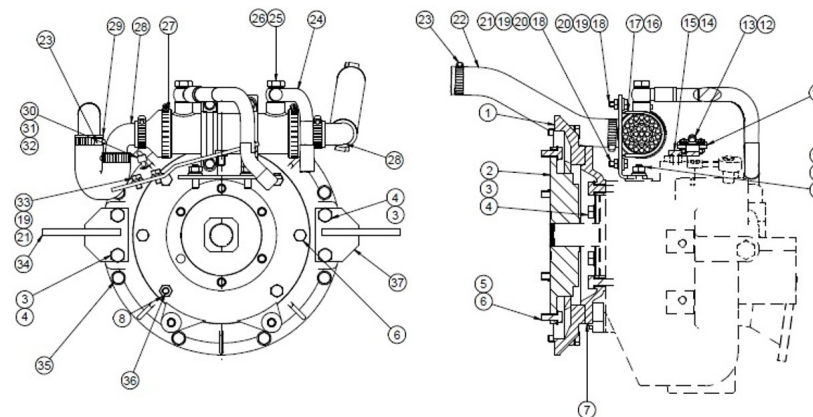
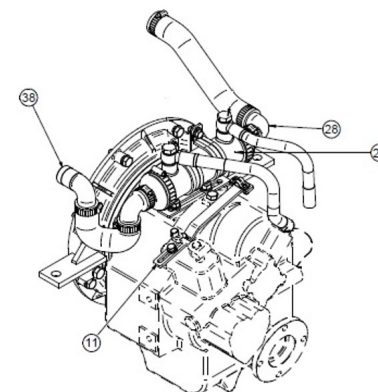
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	13811063	1	Refrigerator Mounting Key			
2	1A010016	1	Oil Pressure Tester Kit			
3	1A010025	1	Injection Pump Tester Kit			
4	1A010026	1	Valve Guide Replacement Part 1			
5	1A010028	1	Replacement of Bushings			
6	1A010029	1	Steering Wheel Lock			
7	1A010032	1	Crankshaft Bearing Removal			
8	1A010033	1	Socket Spanner Crankshaft Pulley Nut 46 mm			
9	1A010034	1	Auxiliary Socket Kit to Fix Crankshaft Bushing			
10	1A010038	1	Balancer Metal Change Tool (for Disassembly)			
11	1A010039	1	Balancer Metal Change Tool (for mounting)			
12	1A010046	1	Idler Gear Puller 2			
NS	1A010027	1	Valve Guide Replacement Part 2			
NS	1A010035	1	Stop for Fixing the Crankshaft Bushing			
NS	1A010036	1	Crankshaft Bushing Guide			
NS	1A010037	1	Auxiliary Push Spanner			



1E010210

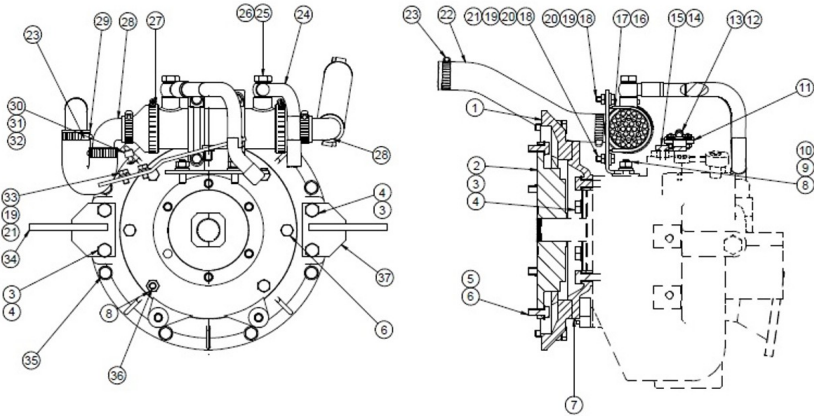
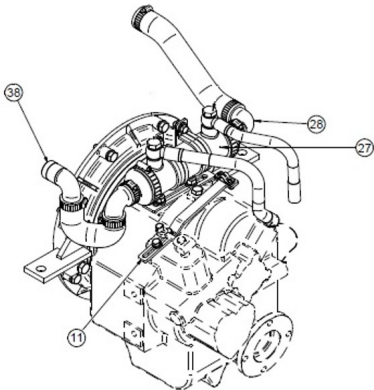
Kit GearBox TM-93/A-170-880

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	17010018.1	1	Adaptor SAE 7 RD			
2	18310171	1	Flexible Coupling Type B SAE 8" BW			
3	53033012	11	Washer Grower DIN 127-12			
4	52102359	11	Bolt DIN 933 M12-30 8.8			
5	52102308	11	Bolt DIN 933 M10-25 8.8			
5	53038010	14	Washer DIN 6798-A 10			
7	24810022	1	SAE 7 - BW housing TM-93/A/170/880A (h=30 mm)			
8	52120010	3	Nut DIN 934 M10 8.8			
9	53033010	8	Washer GROWER DIN 127-10			
10	51030010	2	Washer DIN 125-10			
11	18619020	1	Bracket,Gear box control			
12	51030005	2	Washer DIN 125-5			
13	24810913	1	Clamp,CABLE			
14	56000061	1	Washer 10-16-1,5			
15	52102306	1	Bolt DIN 933 M10-15 8.8			
16	18012041	1	Bracket,TM93/170 oil cooler			
17	59072604	2	Clamp RSGU 2 60/20 W1			
18	52102257	4	Bolt DIN 933 M8-20 8.8			
19	53033008	6	Washer GROWER DIN 127-8			
20	52120008	4	Nut DIN 934 M8 8.8			
21	51030008	6	Washer DIN 125-8			
22	13411036	1	Pipe 30-40-120			
23	54082025	6	Clamp DIN 3017 25-40/12 W4			
24	17112024	2	Pipe, rev.oil Cooler			
25	14712015	2	Bolt,Coupling pipe oil			
26	59031017	4	Washer			
27	14712151	1	Oil Cooler Assy, D.30			
28	14711028F	1				
29	18211034	1	Pipe,Rubber			
30	14719115	1	Coupling,cable			
31	51030006	1	Washer DIN 125-6			



1E010210 Kit GearBox TM-93/A-170-880

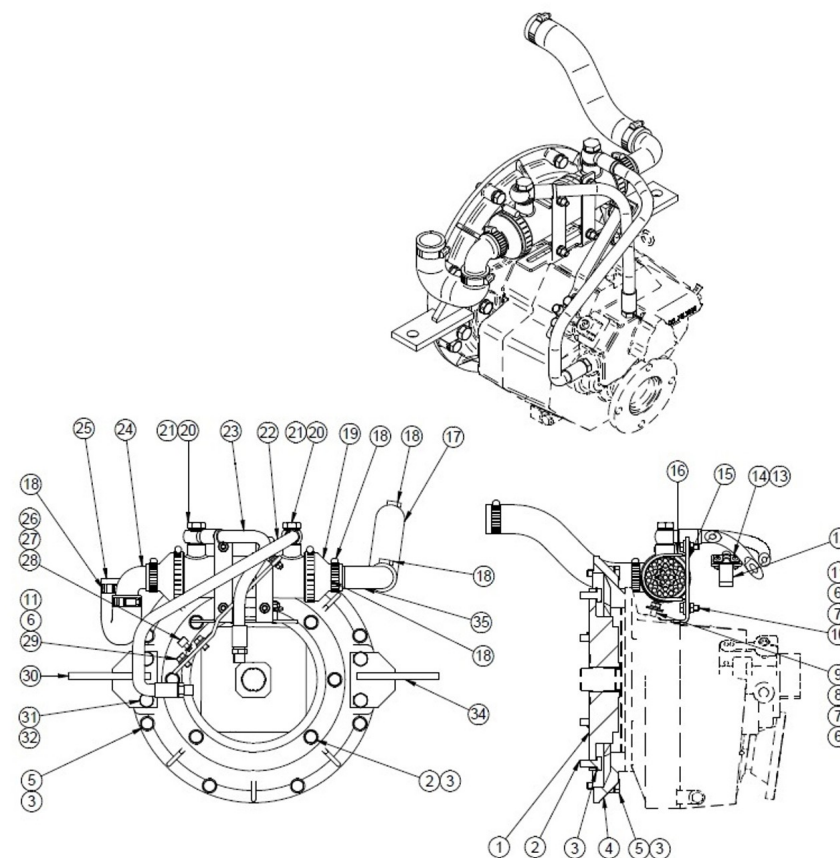
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
32	51051107	1	Pin DIN-94 1,6-16			
33	52102256	2	Bolt DIN 933 M8-16 8.8			
34	17110009	1	Right Rear Bracket			
35	52101311	8	Bolt DIN 931 M10-40 8.8			
36	16511007	1	Stud			
37	17110008	1	Left Rear Bracket			
38	14711022	1	Elbow N°2			



1E010200

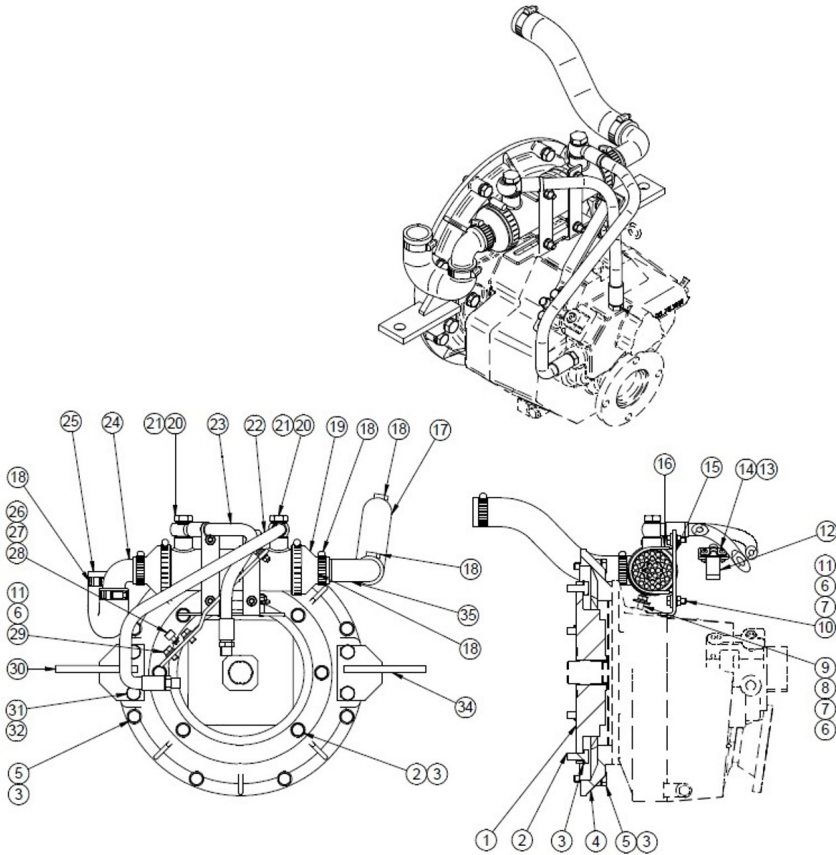
Kit GearBox TM-345/A

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	18310171	1	Flexible Coupling Type B SAE 8" BW			
2	52102308	11	Bolt DIN 933 M10-25 8.8			
3	53038010	20	Washer DIN 6798-A 10			
4	17010018.1	1	Adaptor SAE 7 RD			
5	52101311	8	Bolt DIN 931 M10-40 8.8			
6	53033008	8	Washer GROWER DIN 127-8			
7	52120008	6	Nut DIN 934 M8 8.8			
8	51031008	2	Washer DIN 9021 8			
9	12120018	2	Stud			
10	52102257	4	Bolt DIN 933 M8-20 8.8			
11	51030008	6	Washer DIN 125-8			
12	18619020	1	Bracket,Gear box control			
13	51030005	2	Washer DIN 125-5			
14	24810913	1	Clamp,CABLE			
15	18012041	1	Bracket,TM93/170 oil cooler			
16	59072604	2	Clamp RSGU 2 60/20 W1			
17	13411036	1	Pipe 30-40-120			
18	54082025	6	Clamp DIN 3017 25-40/12 W4			
19	14712151	1	Oil Cooler Assy, D.30			
20	14712015	2	Bolt,Coupling pipe oil			
21	59031017	4	Washer			
22	17512017	1	Pipe, rev.oil Cooler			
23	18512024	1	Pipe			
24	15212022	1	Elbow			
25	18211034	1	Pipe,Rubber			
26	51051107	1	Pin DIN-94 1,6-16			
27	51030006	4	Washer DIN 125-6			
28	14719115	1	Coupling,cable			
29	52102256	2	Bolt DIN 933 M8-16 8.8			
30	17110009	1	Right Rear Bracket			
31	52102359	4	Bolt DIN 933 M12-30 8.8			



1E010200 Kit GearBox TM-345/A

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
32	53033012	4	Washer Grower DIN 127-12			
34	17110008	1	Left Rear Bracket			
35	14711028F	1		[NP]		
NS	60180007	1	Outlet Coupling	[NS]		

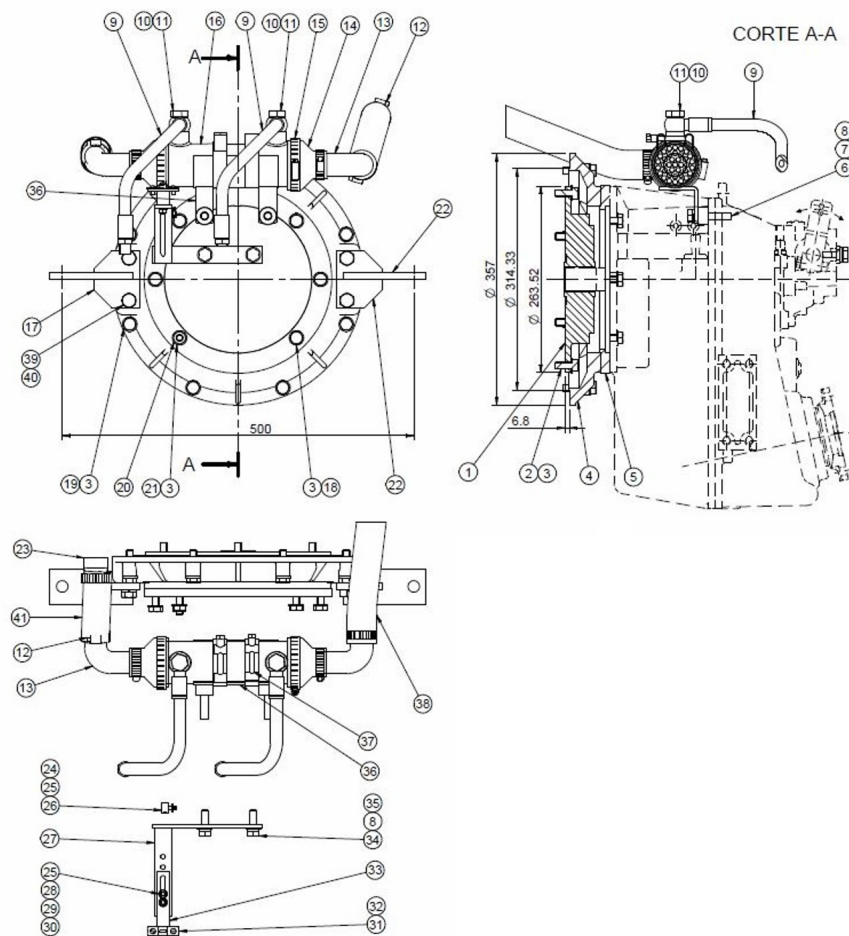


[NS] Not shown
[NP] Not provided

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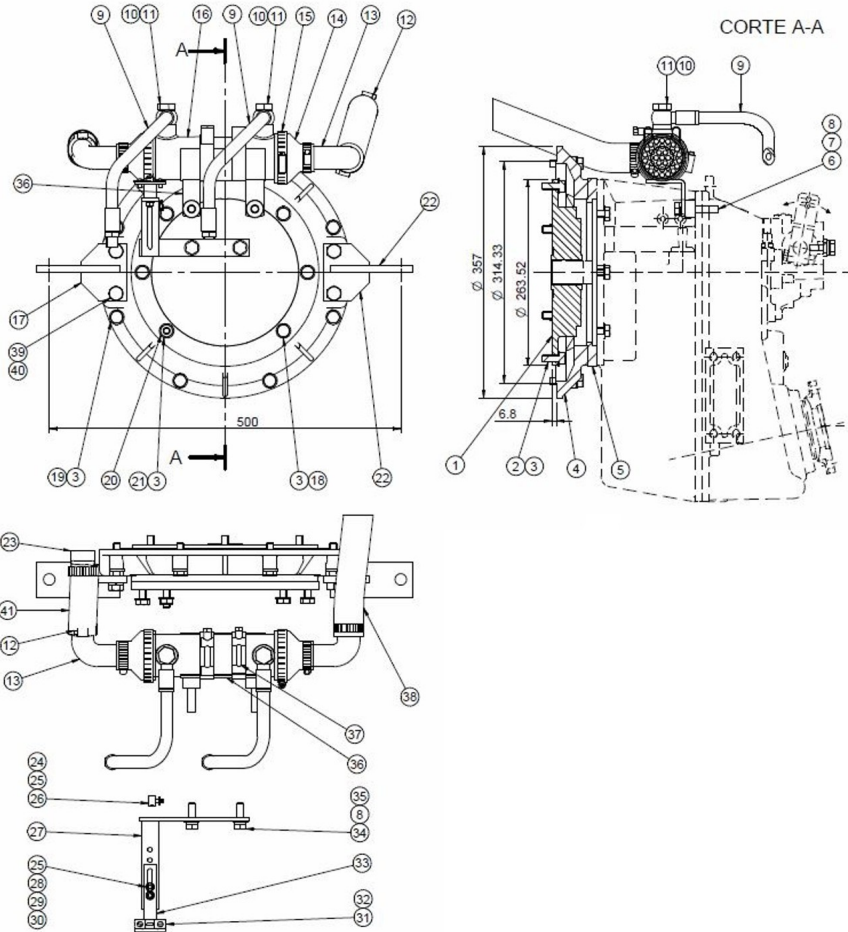
Kit GearBox ZF 68 IV

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	18310171	1	Flexible Coupling Type B SAE 8" BW			
2	52102308	6	Bolt DIN 933 M10-25 8.8			
3	53038010	20	Washer DIN 6798-A 10			
4	17010018.1	1	Adaptor SAE 7 RD			
5	18210024	1	Adaptor Flange			
6	52101314	2	Bolt DIN 931 M10-55 8.8			
7	19117011	2	Spacer 10,5X19X15			
8	53033010	4	Washer GROWER DIN 127-10			
9	18512024	2	Pipe			
10	59031017	4	Washer			
11	14712015	2	Bolt,Coupling pipe oil			
12	54082025	6	Clamp DIN 3017 25-40/12 W4			
13	17111010	2	Elbow			
14	15312007	2	Water Cooler Cover			
15	54082050	2	Clamp DIN 3017 50-70/12 W4			
16	1A012051	1	Cooler,oil			
16	1A012052	1	Cooler,oil			
17	17110009	1	Right Rear Bracket			
18	52102310	5	Bolt DIN 933 M10-35 8.8			
19	52101311	8	Bolt DIN 931 M10-40 8.8			
20	52120010	1	Nut DIN 934 M10 8.8			
21	15211002	1	Stud			
22	17110008	1	Left Rear Bracket			
23	60180007	2	Outlet Coupling			
24	51051107	1	Pin DIN-94 1,6-16			
25	51030006	5	Washer DIN 125-6			
26	14719115	1	Coupling,cable			
27	16519020	1	Bracket, Gear box control			
28	52102157	2	Bolt DIN 933 M6-20 8.8			
29	53033006	2	Washer GROWER DIN 127-6			
30	52120006	2	Nut DIN 934 M6 8.8			



1A010255 Kit GearBox ZF 68 IV

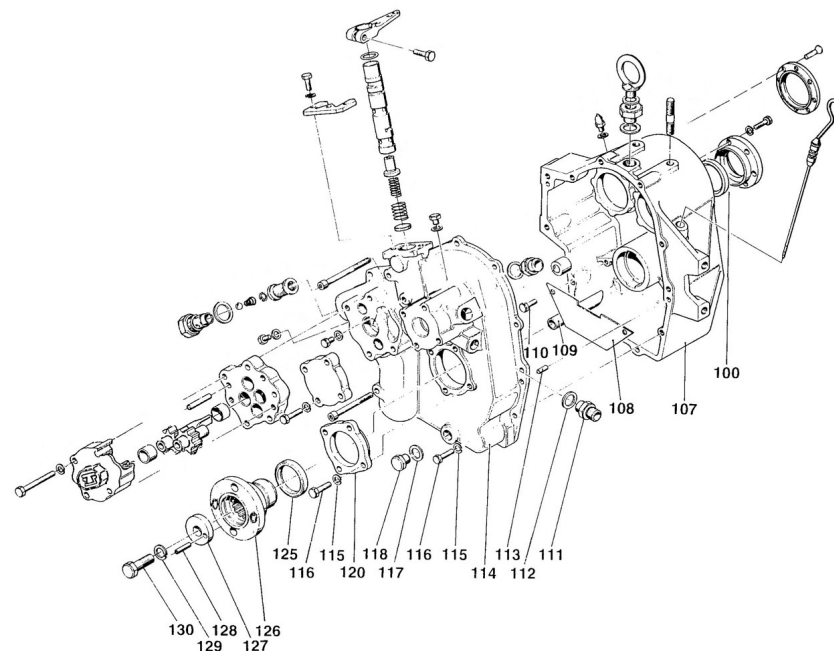
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
31	14719013	1	Clamp,cable			
32	55307104	2	Bolt DIN 86 W3/16-10			
33	12119021	1	SUPPORT Clamp			
34	52302258	2	Bolt DIN 933 W3/8-25 8.8			
35	51030010	2	Washer DIN 125-10			
36	16512010	1	Bracket,oil cooler			
37	51083060	2	GP Clamp 59-63 W2			
38	M87503242	0.5	Water Intake Hose (HQ) D. 32-42			
39	52102359	4	Bolt DIN 933 M12-30 8.8			
40	53033012	4	Washer Grower DIN 127-12			
41	13211036	1	Pipe 30-40-100			



D 5030 1.1

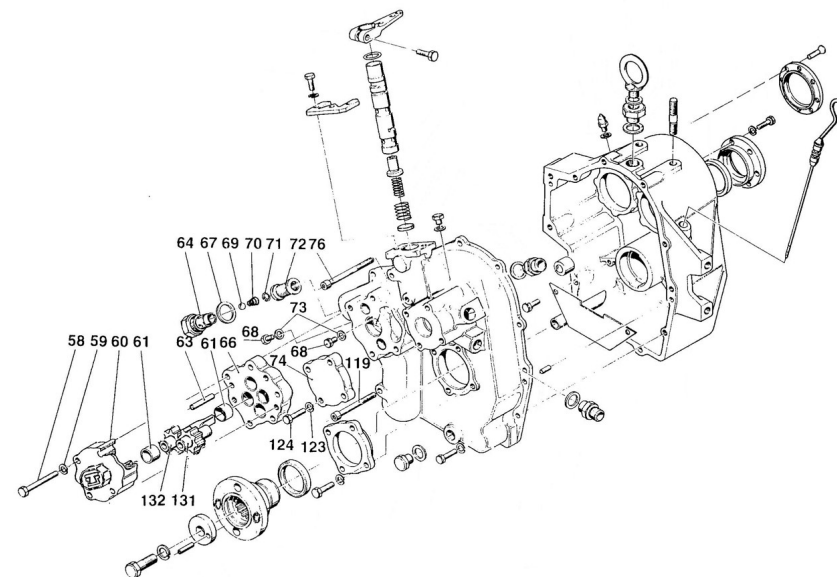
Sheet 1.1/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
100	24810103S	1	Grommet, Oil SILICON			
107	24810001	1	Front Body TM 93			
108	24810080	1	Plate Pipe			
109	24810081	1	ASPIRATION Tube			
110	24810082	2	Screw			
111	24810060	1	Racord			
112	24810059	1	Plane Washer			
113	24810085	2	Pin			
114	24810002	1	Reverse Body TM 93			
115	53033008	13	Washer GROWER DIN 127-8			
116	52102258	13	Bolt DIN 933 M8-25 8.8			
117	24810088	1	Plane Washer			
118	24810011	1	Plug,oil drain			
120	24810090	1	Cover			
125	24810214	1	Oil Grommet			
126	24810224	1	Flange, Output			
127	24810219	1	BUTT Washer			
128	24840220	1	Pin			
129	24810221	1	Washer			
130	24810222	1	Bolt DIN 933 M14X40 12.9			
NS	24810046	1	Pump Assy Oil			
NS	24810098	3	Screw			



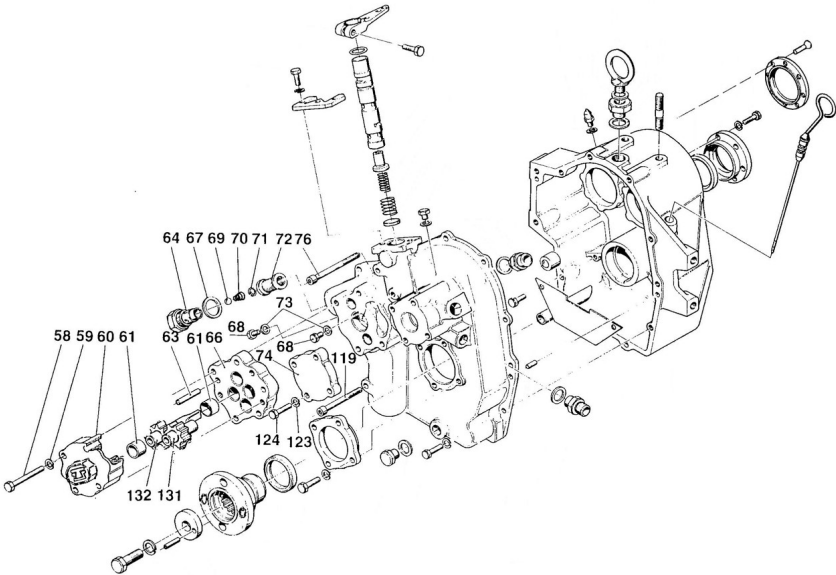
D 5030 1.2**Sheet 1.2/4**

<i>Fig.</i>	<i>Ref.</i>	<i>Qty.</i>	<i>Descr.</i>	<i>Obs</i>	<i>From</i>	<i>UpTo</i>
58	52101266	4	Bolt DIN 931 M8-65 8.8			
58	52101266	4	Bolt DIN 931 M8-65 8.8			
59	24810014	4	Washer			
59	24810014	4	Washer			
60	24810004	1	Oil Pump Body Cover			
60	24810004	1	Oil Pump Body Cover			
61	24810025	4	Bushing			
61	24810025	4	Bushing			
63	24820023.1	2	Pin			
63	24820023.1	2	Pin			
64	24810024	1	Plug, Oil Filter DRAIN			
64	24810024	1	Plug, Oil Filter DRAIN			
66	24810003	1	Oil Pump Body, Engine Side			
66	24810003	1	Oil Pump Body, Engine Side			
67	24810027	1	Washer			
67	24810027	1	Washer			
68	24810028	2	Screw			
68	24810028	2	Screw			
69	18024143	1	Ball,steel 1/2"			
69	18024143	1	Ball,steel 1/2"			
70	24810030	1	Valve Spring			
70	24810030	1	Valve Spring			
71	24810032	1	SNAP Ring			
71	24810032	1	SNAP Ring			
72	24810035	1	Oil Filter			
72	24810035	1	Oil Filter			
73	24810036	2	Washer			
73	24810036	2	Washer			
74	24810038	1	Cover			
74	24810038	1	Cover			
76	24810040	1	Screw			



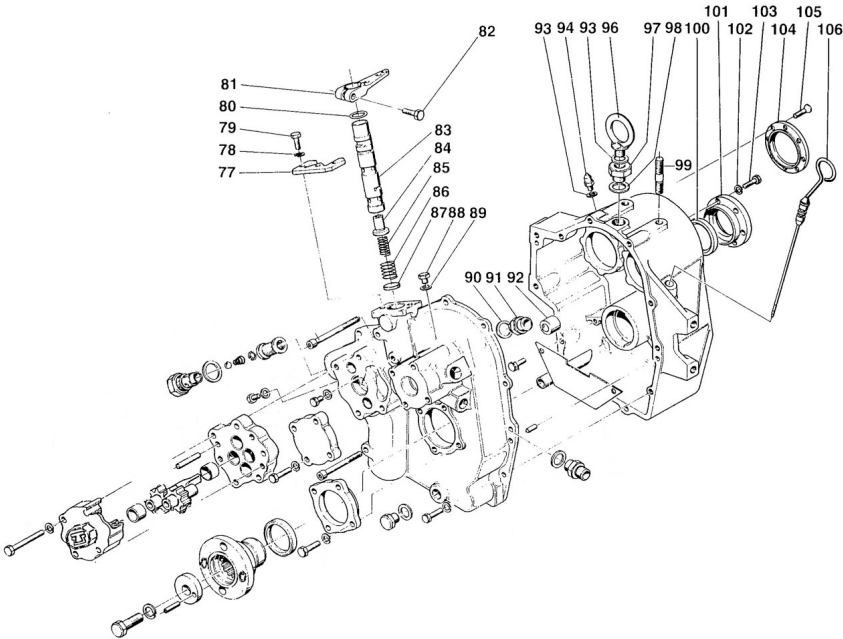
D 5030 1.2 Sheet 1.2/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
119	24810089	1	Screw			
123	53033008	4	Washer GROWER DIN 127-8			
123	53033008	4	Washer GROWER DIN 127-8			
124	52102258	4	Bolt DIN 933 M8-25 8.8			
124	52102258	4	Bolt DIN 933 M8-25 8.8			
131	24810095	1	Gear, Driven			
131	24810095	1	Gear, Driven			
132	24810096	1	Gear, Driver			
132	24810096	1	Gear, Driver			
NS	52103158	3	Bolt DIN 912 M6-25 8.8			
NS	52103158	3	Bolt DIN 912 M6-25 8.8			



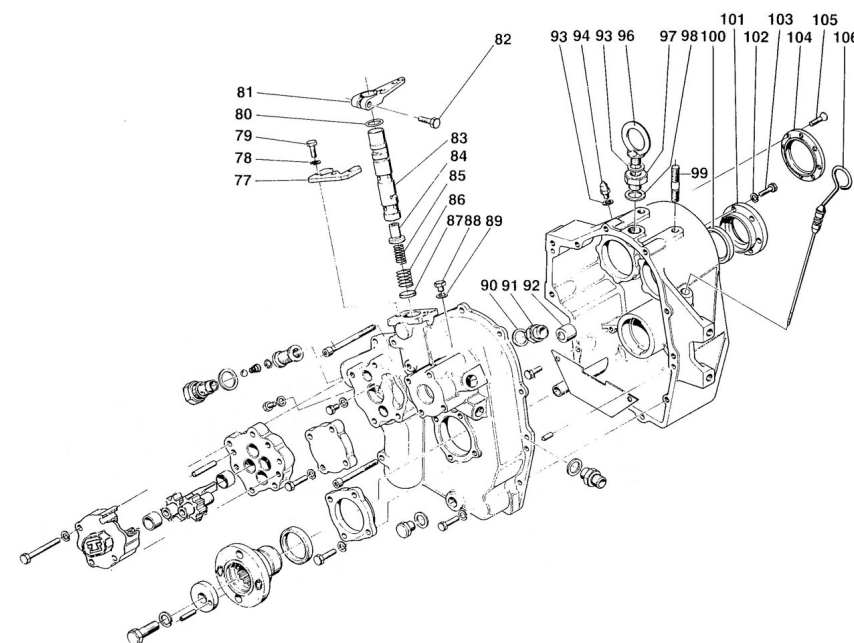
D 5030 1.3 Sheet 1.3/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
77	24810041	1	Support			
77	24810041	1	Support			
78	24810042	2	Washer			
78	24810042	2	Washer			
79	24810044	2	Screw			
79	24810044	2	Screw			
80	24810056	1	O-Ring			
80	24810056	1	O-Ring			
81	24810424	1	Lever			
81	24810424	1	Lever			
82	24810047	1	Screw			
82	24810047	1	Screw			
83	24810051	1	Distributor			
83	24810051	1	Distributor			
84	24810052	1	Valve			
84	24810052	1	Valve			
85	24810053	1	Spring, Valve INNER			
85	24810053	1	Spring, Valve INNER			
86	24810054	1	Spring, Valve			
86	24810054	1	Spring, Valve			
87	24810055	1	Expansion Plug			
87	24810055	1	Expansion Plug			
88	24810028	1	Screw			
88	24810028	1	Screw			
89	24810036	1	Washer			
89	24810036	1	Washer			
90	24810059	1	Plane Washer			
90	24810059	1	Plane Washer			
91	24810060	1	Racord			
91	24810060	1	Racord			
92	24810062	1	Valve BY PASS			



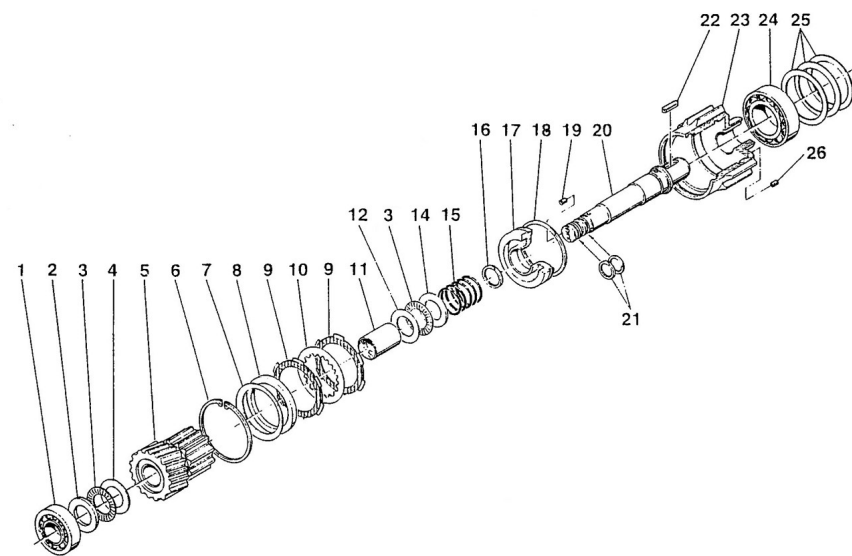
D 5030 1.3**Sheet 1.3/4**

<i>Fig.</i>	<i>Ref.</i>	<i>Qty.</i>	<i>Descr.</i>	<i>Obs</i>	<i>From</i>	<i>UpTo</i>
93	24810063	2	Plane Washer			
94	24810065	1	Plug			
94	24810065	1	Plug			
96	24810012	1	Nut			
96	24810012	1	Nut			
97	24810068	1	Plug			
97	24810068	1	Plug			
98	56000083	1	Washer 21-26-1,5			
98	56000083	1	Washer 21-26-1,5			
99	24810071	2	Stud			
99	24810071	2	Stud			
100	248101035	1	Grommet, Oil SILICON			
100	248101035	1	Grommet, Oil SILICON			
101	24810072	1	Cover			
101	24810072	1	Cover			
102	53033008	6	Washer GROWER DIN 127-8			
102	53033008	6	Washer GROWER DIN 127-8			
103	52102258	6	Bolt DIN 933 M8-25 8.8			
103	52102258	6	Bolt DIN 933 M8-25 8.8			
104	24810075	1	Cover			
104	24810075	1	Cover			
105	24810076	8	Screw			
105	24810076	8	Screw			
106	24830008	1	ROD, LEVEL Oil			
106	24830008	1	ROD, LEVEL Oil			



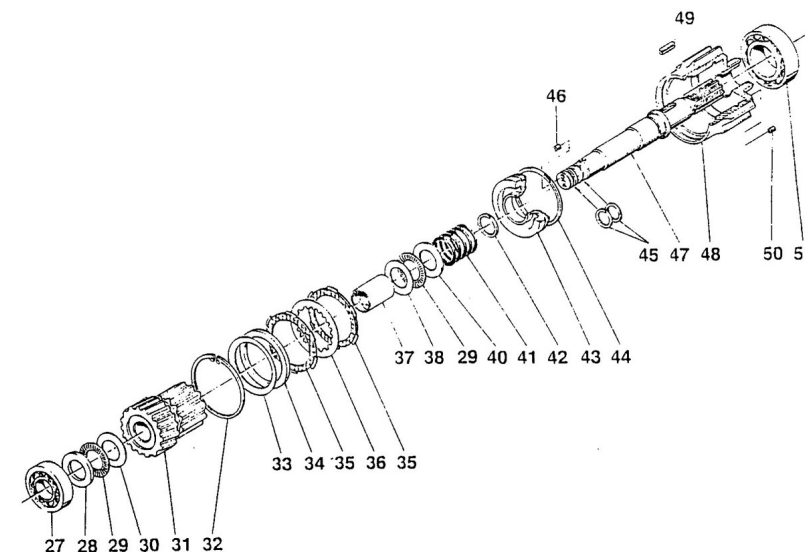
D 5030 2 Intermediate Shaft 2/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	24870207	1	Bearing			
2	24810307	1	Washer			
3	24810309	2	Roller			
4	24810310	1	Ring			
5A	24812302	1	Gear R. 1,5 TM 93			
5B	24813302	1	Gear R. 2 TM 93			
5C	24814302	1	Gear R. 2,4 TM 93			
5D	24815302	1	Gear R. 2,8 TM 93			
6	24810312	1	SNAP Ring			
7	24810313	1	Ring			
8	24810314	1	Grommet			
9	24810315	10	Disk			
10	24810316	9	Disk			
11	24810317	1	BushING			
12	24870118	1	THRUST RACE			
14	24870318	1	THRUST RACE			
15	24810322	1	Spring			
16	24810323	1	Washer			
17	24810324	1	Piston			
18	24810325	1	Washer			
19	24810326	1	Plug			
20	24810301	1	INTERMEDIATE Shaft			
21	24810328	2	Washer			
22	24810329	1	KEY			
23	24810330	1	Bell			
24	24870206	1	Bearing			
25	24810333	0	Spacer	#		
26	24810334	1	Plug			



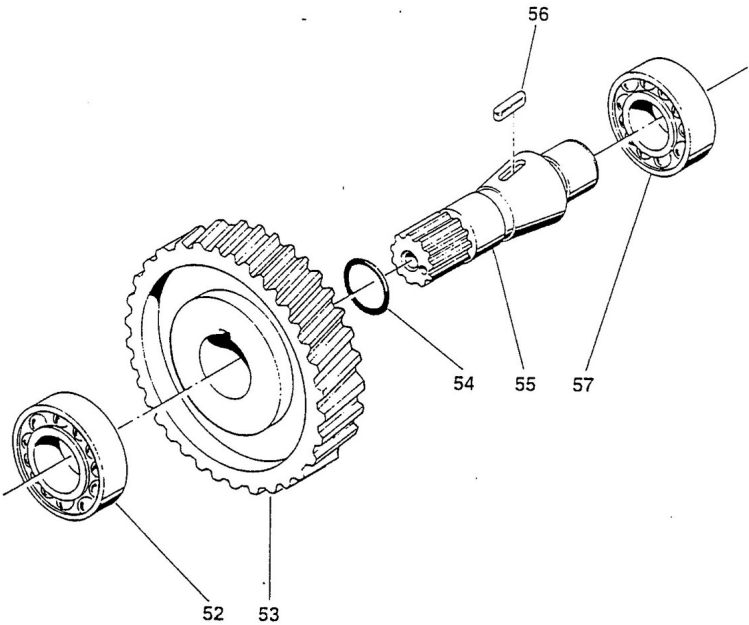
D 5030 3 **Input Shaft 3/4**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
27	24870207	1	Bearing			
28	24810307	1	Washer			
29	24810309	2	Roller			
30	(*)	1	Not available			
31A	24812302	1	Gear R. 1,5 TM 93			
31B	24813302	1	Gear R. 2 TM 93			
31C	24814302	1	Gear R. 2,4 TM 93			
31D	24815302	1	Gear R. 2,8 TM 93			
32	24810312	1	SNAP Ring			
33	24810313	1	Ring			
34	24810314	1	Grommet			
35	24810315	10	Disk			
36	24810316	9	Disk			
37	24810317	1	BushING			
38	24870118	1	THRUST RACE			
40	24870318	1	THRUST RACE			
41	24810322	1	Spring			
42	24810323	1	Washer			
43	24810324	1	Piston			
44	24810325	1	Washer			
45	24810328	2	Washer			
46	24810326	1	Plug			
47	24810101	1	Input Shaft			
48	24810330	1	Bell			
49	24810329	1	KEY			
50	24810334	1	Plug			
51	24870206	1	Bearing			



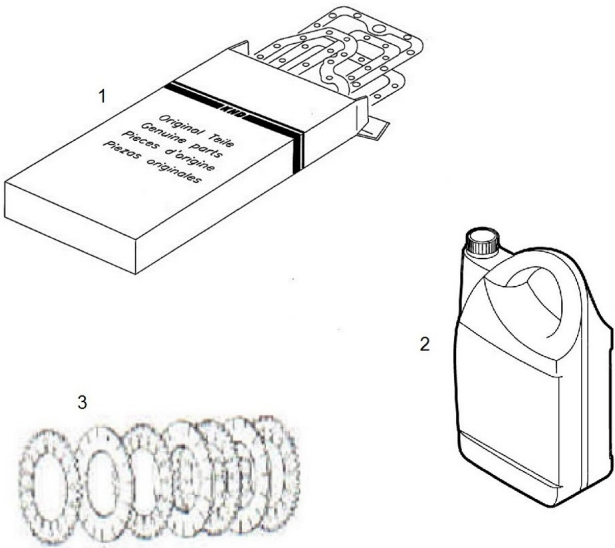
D 5030 4 Output Shaft 4/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
52	24810206	1	Conical Roller Bearing 32208			
5355	24812201C	1	Gear+Output Shaft Kit R 1.51			
5355	24813201C	1	Gear+Output Shaft Kit R 2.09			
5355	24814201C	1	Gear+Output Shaft Kit R 2.40			
5355	24815201C	1	Gear+Output Shaft Kit R 2.77			
54	24810209	1	O-Ring D. 38X3,5			
57	24810212	1	Bearing			



D 5030 5 Maintenance Kit

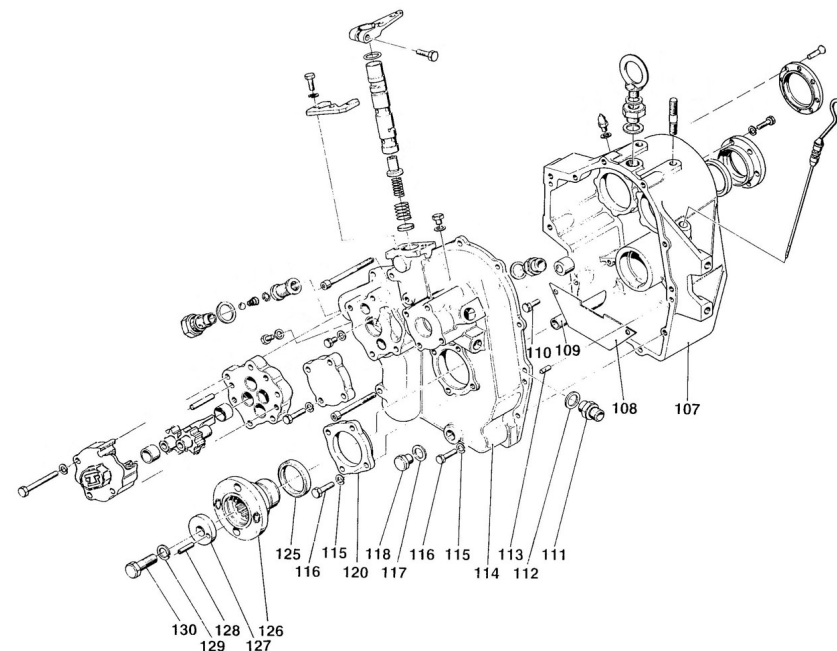
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	24810401	1	Kit Gasket			
2	A0105000	1	15W40 Sole Advance Oil 5L			
3	24810403	2	Clutch Plate Kit			



D 5031 1.1

Sheet 1.1/4

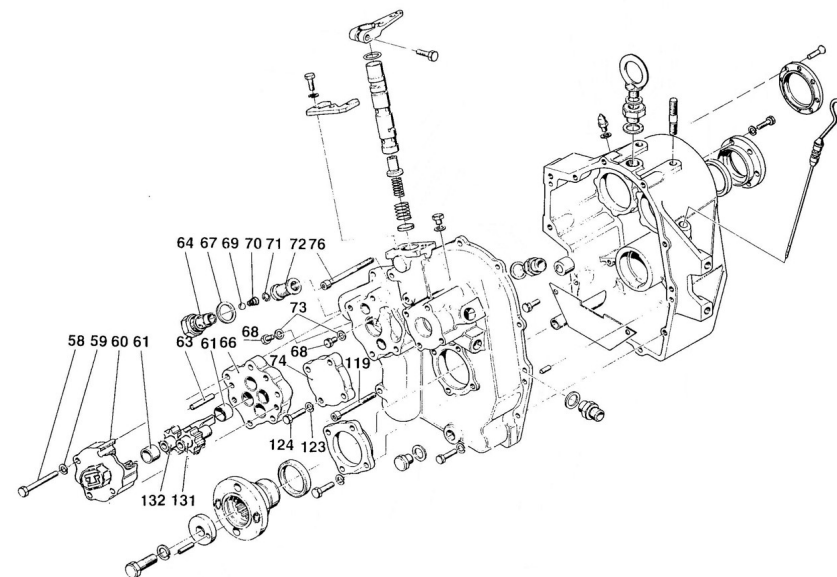
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
107	24810001A	1	Front Body TM 93A			
108	24810080	1	Plate Pipe			
109	24810081	1	ASPIRATION Tube			
110	24810082	2	Screw			
111	24810060	1	Racord			
112	24810059	1	Plane Washer			
113	24810085	2	Pin			
114	24810002A	1	Reverse Body TM 93A			
115	53033008	13	Washer GROWER DIN 127-8			
116	52102258	13	Bolt DIN 933 M8-25 8.8			
117	24810088	1	Plane Washer			
118	24810011	1	Plug,oil drain			
120	24810090	1	Cover			
125	24810214	1	Oil Grommet			
126	24810224	1	Flange, Output			
127	24810219	1	BUTT Washer			
128	24840220	1	Pin			
129	24810221	1	Washer			
130	24810222	1	Bolt DIN 933 M14X40 12.9			
NS	24810046	1	Pump Assy Oil			
NS	24810098	3	Screw			



D 5030 1.2

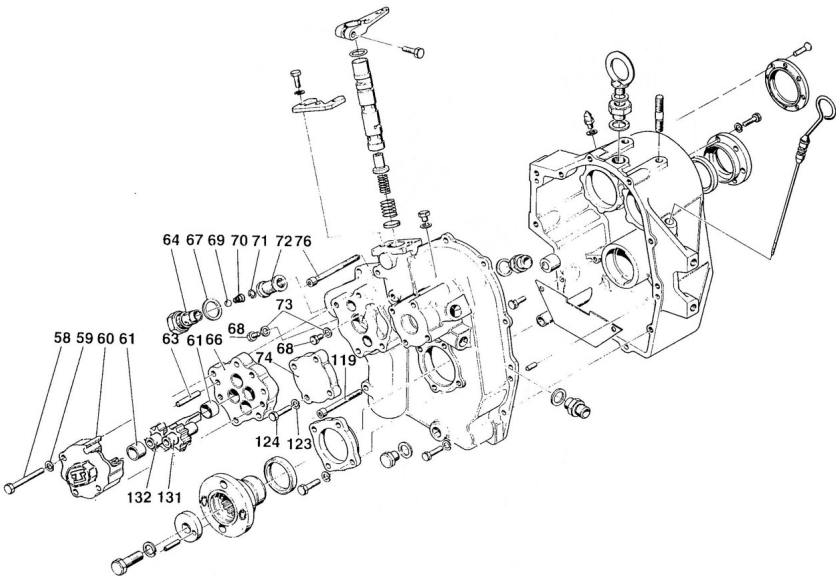
Sheet 1.2/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
58	52101266	4	Bolt DIN 931 M8-65 8.8			
58	52101266	4	Bolt DIN 931 M8-65 8.8			
59	24810014	4	Washer			
59	24810014	4	Washer			
60	24810004	1	Oil Pump Body Cover			
60	24810004	1	Oil Pump Body Cover			
61	24810025	4	Bushing			
61	24810025	4	Bushing			
63	24820023.1	2	Pin			
63	24820023.1	2	Pin			
64	24810024	1	Plug, Oil Filter DRAIN			
64	24810024	1	Plug, Oil Filter DRAIN			
66	24810003	1	Oil Pump Body, Engine Side			
66	24810003	1	Oil Pump Body, Engine Side			
67	24810027	1	Washer			
67	24810027	1	Washer			
68	24810028	2	Screw			
68	24810028	2	Screw			
69	18024143	1	Ball,steel 1/2"			
69	18024143	1	Ball,steel 1/2"			
70	24810030	1	Valve Spring			
70	24810030	1	Valve Spring			
71	24810032	1	SNAP Ring			
71	24810032	1	SNAP Ring			
72	24810035	1	Oil Filter			
72	24810035	1	Oil Filter			
73	24810036	2	Washer			
73	24810036	2	Washer			
74	24810038	1	Cover			
74	24810038	1	Cover			
76	24810040	1	Screw			



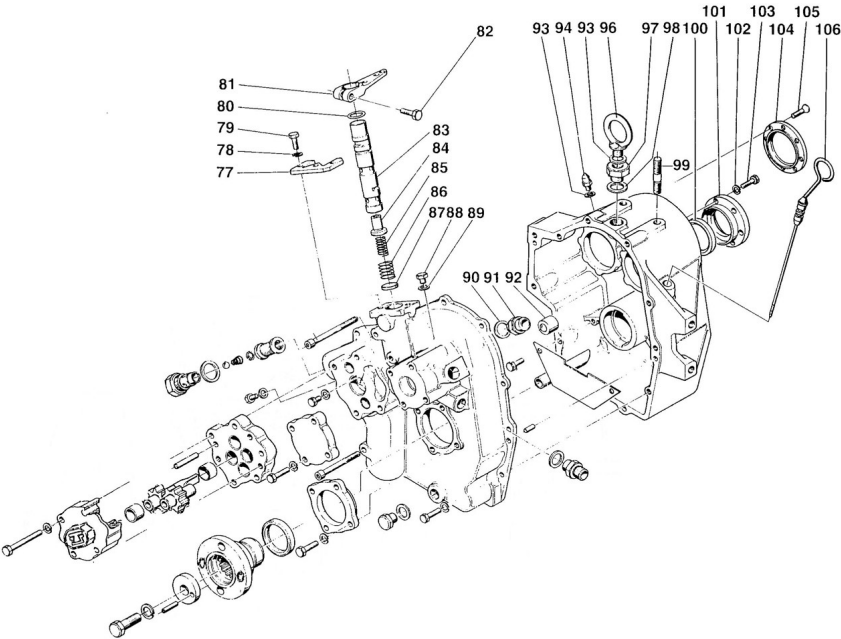
D 5030 1.2 Sheet 1.2/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
119	24810089	1	Screw			
123	53033008	4	Washer GROWER DIN 127-8			
123	53033008	4	Washer GROWER DIN 127-8			
124	52102258	4	Bolt DIN 933 M8-25 8.8			
124	52102258	4	Bolt DIN 933 M8-25 8.8			
131	24810095	1	Gear, Driven			
131	24810095	1	Gear, Driven			
132	24810096	1	Gear, Driver			
132	24810096	1	Gear, Driver			
NS	52103158	3	Bolt DIN 912 M6-25 8.8			
NS	52103158	3	Bolt DIN 912 M6-25 8.8			



D 5030 1.3 Sheet 1.3/4

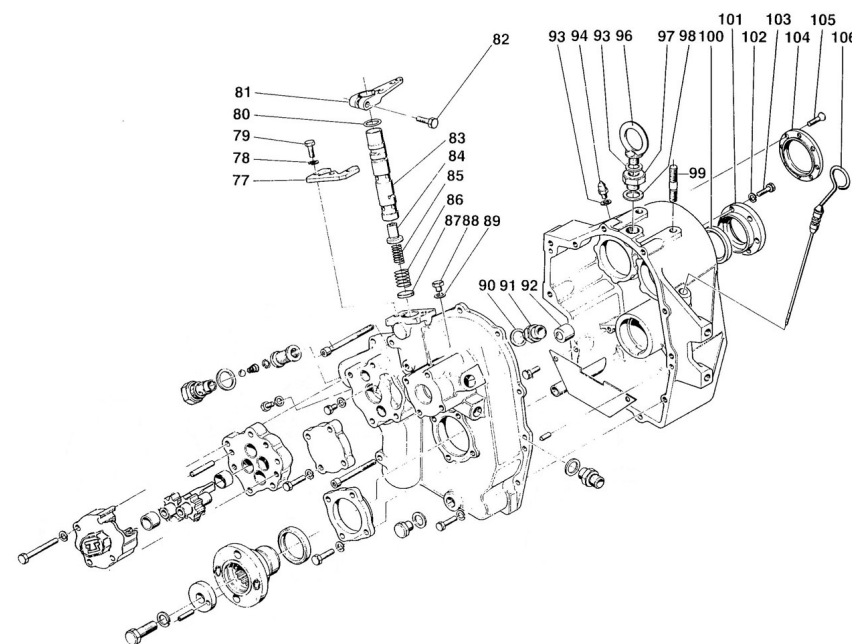
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
77	24810041	1	Support			
77	24810041	1	Support			
78	24810042	2	Washer			
78	24810042	2	Washer			
79	24810044	2	Screw			
79	24810044	2	Screw			
80	24810056	1	O-Ring			
80	24810056	1	O-Ring			
81	24810424	1	Lever			
81	24810424	1	Lever			
82	24810047	1	Screw			
82	24810047	1	Screw			
83	24810051	1	Distributor			
83	24810051	1	Distributor			
84	24810052	1	Valve			
84	24810052	1	Valve			
85	24810053	1	Spring, Valve INNER			
85	24810053	1	Spring, Valve INNER			
86	24810054	1	Spring, Valve			
86	24810054	1	Spring, Valve			
87	24810055	1	Expansion Plug			
87	24810055	1	Expansion Plug			
88	24810028	1	Screw			
88	24810028	1	Screw			
89	24810036	1	Washer			
89	24810036	1	Washer			
90	24810059	1	Plane Washer			
90	24810059	1	Plane Washer			
91	24810060	1	Racord			
91	24810060	1	Racord			
92	24810062	1	Valve BY PASS			



D 5030 1.3

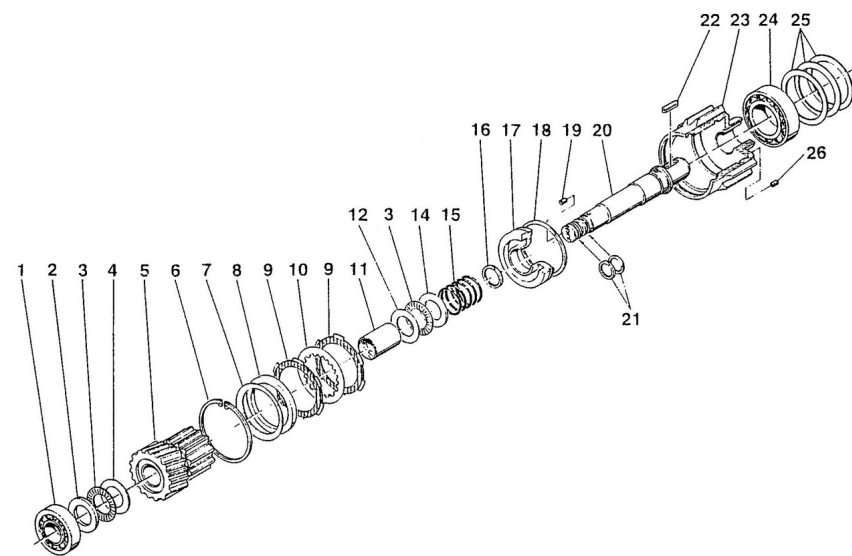
Sheet 1.3/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
93	24810063	2	Plane Washer			
94	24810065	1	Plug			
94	24810065	1	Plug			
96	24810012	1	Nut			
96	24810012	1	Nut			
97	24810068	1	Plug			
97	24810068	1	Plug			
98	56000083	1	Washer 21-26-1,5			
98	56000083	1	Washer 21-26-1,5			
99	24810071	2	Stud			
99	24810071	2	Stud			
100	248101035	1	Grommet, Oil SILICON			
100	248101035	1	Grommet, Oil SILICON			
101	24810072	1	Cover			
101	24810072	1	Cover			
102	53033008	6	Washer GROWER DIN 127-8			
102	53033008	6	Washer GROWER DIN 127-8			
103	52102258	6	Bolt DIN 933 M8-25 8.8			
103	52102258	6	Bolt DIN 933 M8-25 8.8			
104	24810075	1	Cover			
104	24810075	1	Cover			
105	24810076	8	Screw			
105	24810076	8	Screw			
106	24830008	1	ROD, LEVEL Oil			
106	24830008	1	ROD, LEVEL Oil			



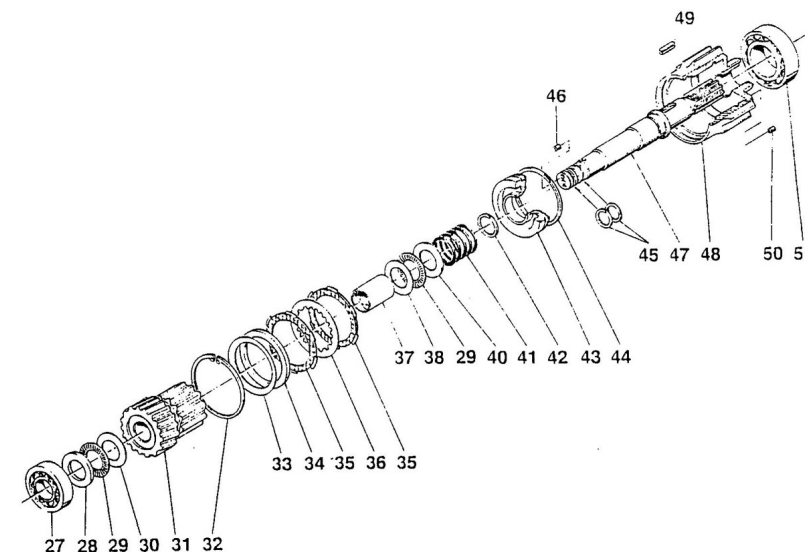
D 5031 2**Intermediate Shaft 2/4**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	24870207	1	Bearing			
2	24810307	1	Washer			
3	24810309	2	Roller			
4	24810310	1	Ring			
5	24812302A	1	Gear R. 1,5 TM 93A			
5	24813302A	1	Gear Red. 2 TM 93A			
5	24814302A	1	Gear R. 2,4 TM 93A			
6	24810312	1	SNAP Ring			
7	24810313	1	Ring			
8	24810314	1	Grommet			
9	24810315	10	Disk			
10	24810316	9	Disk			
11	24810317	1	BushING			
12	24870118	1	THRUST RACE			
14	24870318	1	THRUST RACE			
15	24810322	1	Spring			
16	24810323	1	Washer			
17	24810324	1	Piston			
18	24810325	1	Washer			
19	24810326	1	Plug			
20	24810301	1	INTERMEDIATE Shaft			
21	24810328	2	Washer			
22	24810329	1	KEY			
23	24810330	1	Bell			
24	24870206	1	Bearing			
25	24810333	0	Spacer	#		
26	24810334	1	Plug			



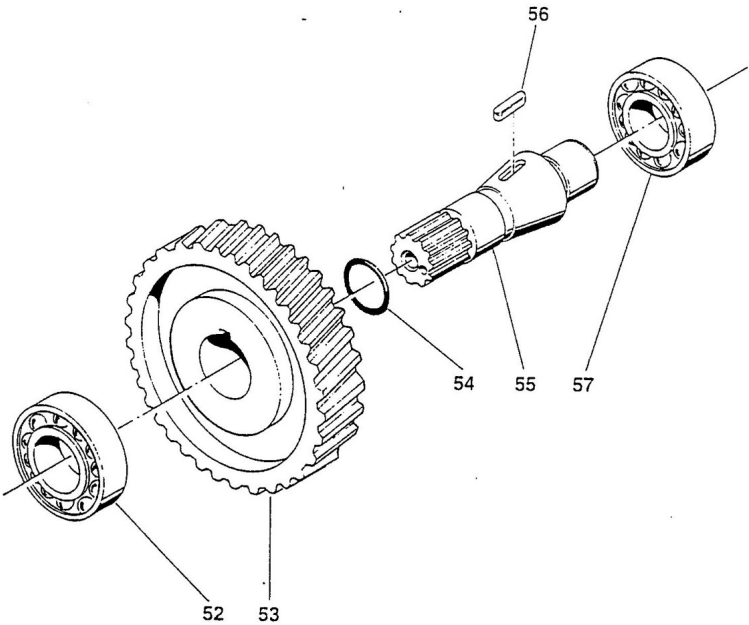
D 5031 3**Input Shaft 3/4**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
27	24870207	1	Bearing			
28	24810307	1	Washer			
29	24810309	2	Roller			
30	(*)	1	Not available			
31	24812302	1	Gear R. 1,5 TM 93			
31	24813302	1	Gear R. 2 TM 93			
31	24814302	1	Gear R. 2,4 TM 93			
32	24810312	1	SNAP Ring			
33	24810313	1	Ring			
34	24810314	1	Grommet			
35	24810315	10	Disk			
36	24810316	9	Disk			
37	24810317	1	BushING			
38	24870118	1	THRUST RACE			
40	24870318	1	THRUST RACE			
41	24810322	1	Spring			
42	24810323	1	Washer			
43	24810324	1	Piston			
44	24810325	1	Washer			
45	24810328	2	Washer			
46	24810326	1	Plug			
47	24810101	1	Input Shaft			
48	24810330	1	Bell			
49	24810329	1	KEY			
50	24810334	1	Plug			
51	24870206	1	Bearing			



D 5031 4 Output Shaft 4/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
52	24810206	1	Conical Roller Bearing 32208			
5355	24812201AC	1	Gear+Output Shaft Kit			
5355	24813201AC	1	Gear+Output Shaft Kit r 2,09			
5355	24814201AC	1	Gear+Output Shaft Kit r 2,40			
54	24810209	1	O-Ring D. 38X3,5			
57	24810212	1	Bearing			



D 5023 1 Sheet 1/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	24850091	1	Screw			
2	24850092	3	Washer			
3	24850090	2	Washer			
4	24820068	3	Plug M8X1			
5	56000057	3	Washer 8-13-1,5			
6	24810065	1	Plug			
7	24850008	1	Gauge Oil LEVEL			
26	24850028	11	Screw			
41	52102156	5	Bolt DIN 933 M6-16 8.8			
56	24850005	1	Plate, IDENTIFICATION			
59	24810063	1	Plane Washer			
60	24850011	1	Plug,oil drain			
61	52102158	2	Bolt DIN 933 M6-25 8.8			
62	52102258	1	Bolt DIN 933 M8-25 8.8			
77	24810532	1	SWITCHER			
78	24810533	1	O-Ring D. 14X1,7			
79	24850527	1	Pin			

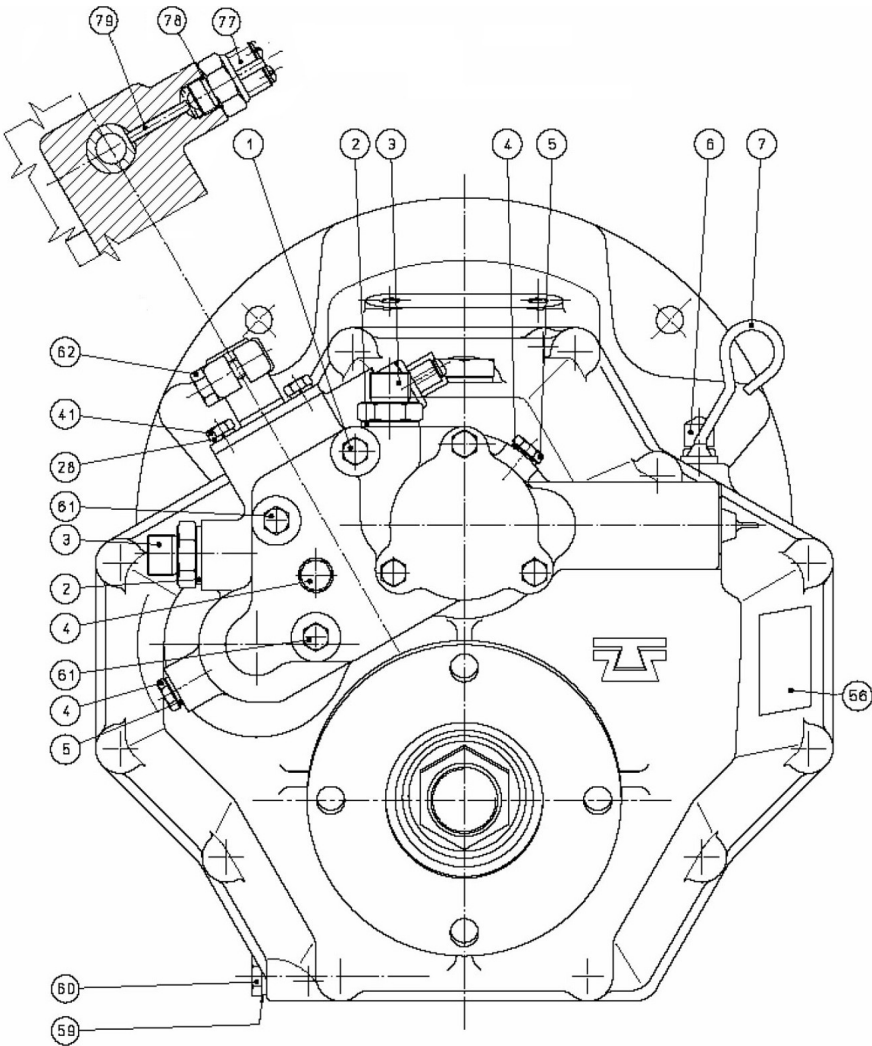
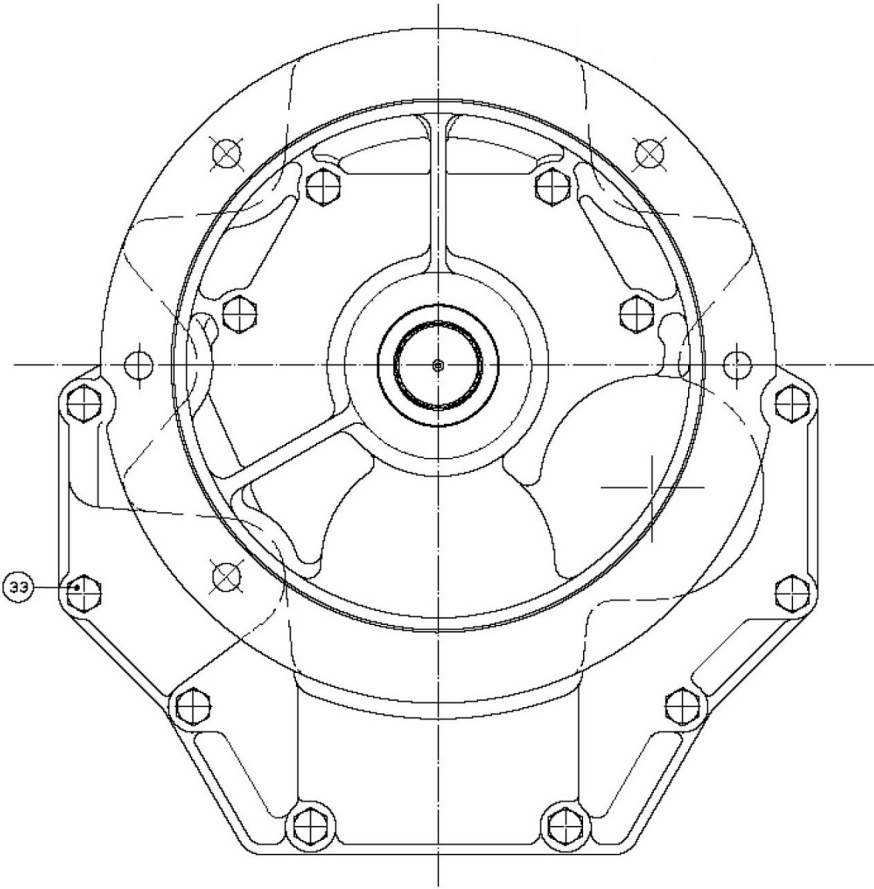


Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
33	24830113	1	Screw			



D 5023 3

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Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
8	24850323	2	Washer			
11	24850310	2	Ring			
12	24850307	2	Ring			
13	24850333	2	Spacer			
14	24850312	2	SEGER			
15A	24852203	1	Gear R. 1,54 TM 345			
15B	24853203	1	Gear R. 2 TM 345			
15C	24854203	1	Gear R. 2,47 TM 345			
16	24850012	1	Plug			
17	24850318	4	Ring			
18	24850306	4	Bearing, needle			
19	24850325	2	Washer			
20	24850308	2	Conical Roller Bearing 32305			
21	24850328	4	Washer			
22	24810326	2	Plug			
23	24850016	1	Bushing			
24	24850020	1	PUMB Box			
25	24850015	1	Pump Cover			
27	24850029	3	Screw			
28	53033006	9	Washer GROWER DIN 127-6			
29	24850095	1	Gear, Pump Out			
30	24850094	1	Pump Shaft			
31	24850096	1	Gear, Pump INNER			
32	24850097	1	O-Ring D. 50X1,7			
34	24850099	1	Nut			
35	24850224	1	Flange, Output TM-345			
36	24840103	1	Grommet			
37	24850212	1	Conical Roller Bearing 30207A			
38	24850001	1	Front Body TM-345			
39A	24852210	1	Gear R. 1,54 TM 345			
39B	24853210	1	Gear R. 2 TM 345			

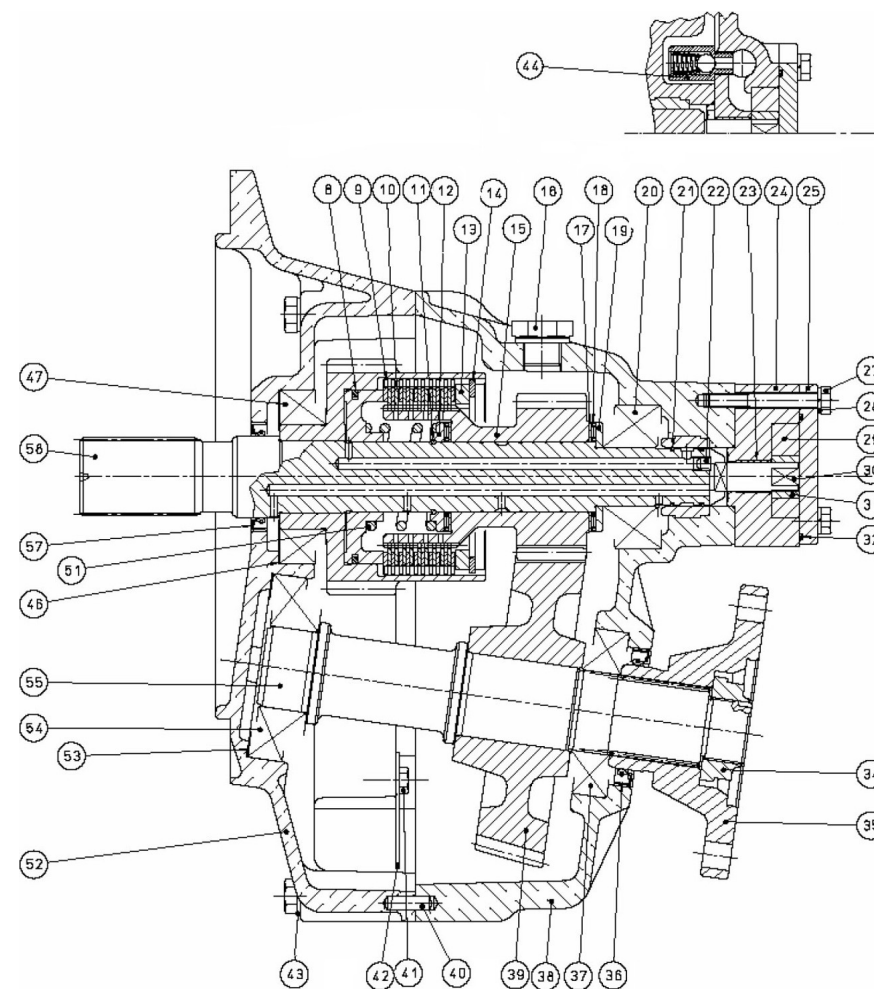
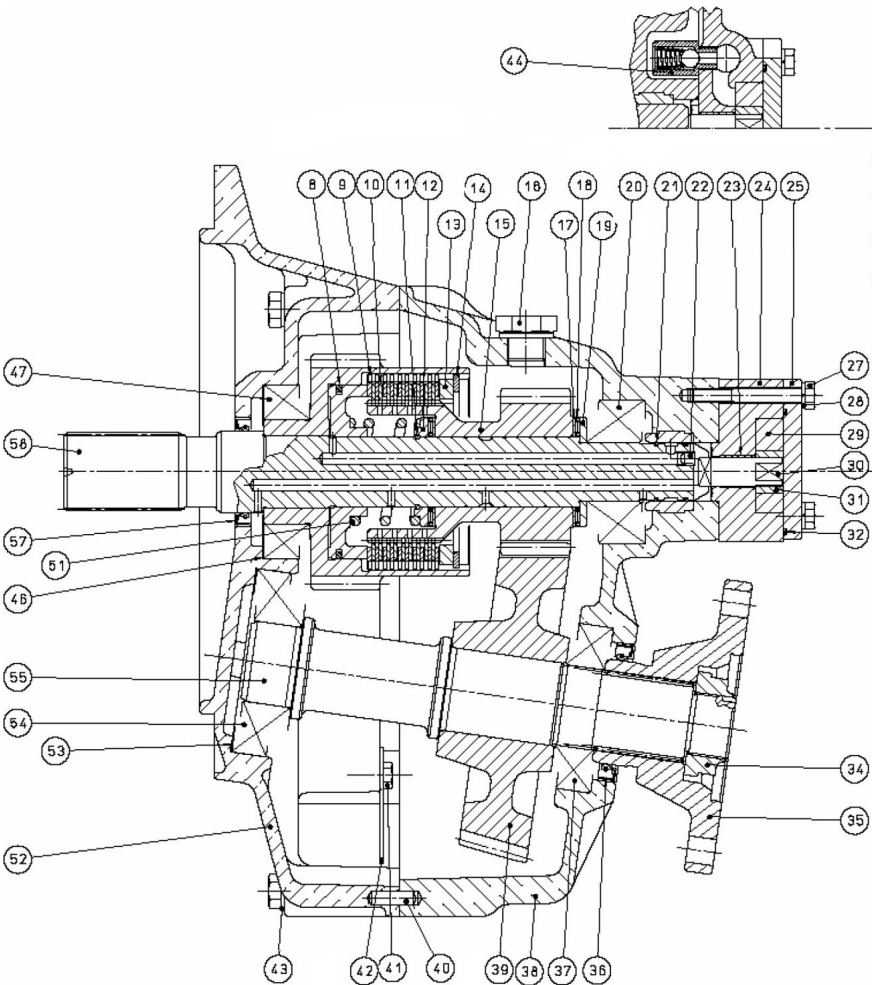


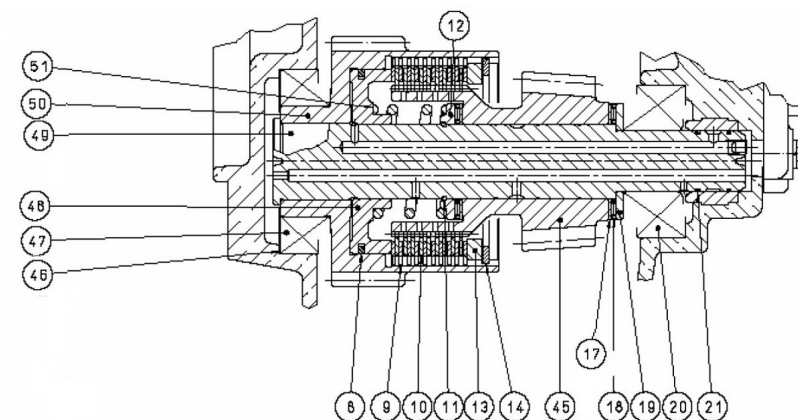
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
39C	24854210	1	Gear R. 2,47 TM 345			
40	24850013	2	Pin			
42	24850080	1	Plate Pipe			
43	24850093	12	Washer			
44	24850063	1	By pass Valve			
46	24850108	6	Shim Adjusting			
47	24850104	2	Conical Roller Bearing 32009-X			
51	24850122	2	Spring			
52	24850207	1	Cover TM-345			
53	24810333	3	Spacer			
54	24850206	1	Conical Roller Bearing 31307A			
55	24850201	1	Output Shaft			
57	24810103S	1	Grommet, Oil SILICON			
58	24850101	1	Input Shaft			



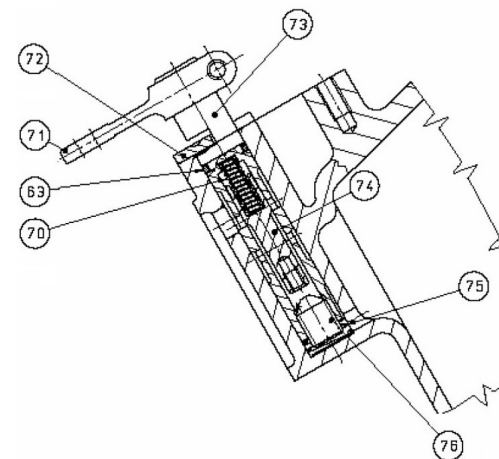
D 5023 4

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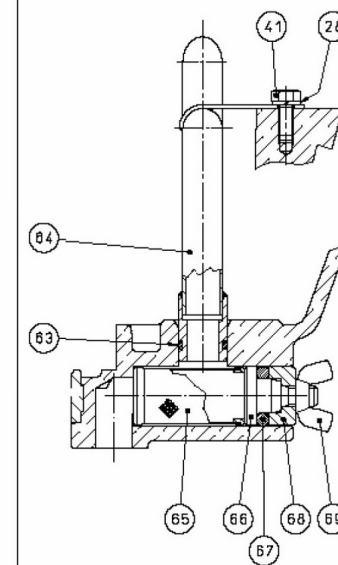
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
45A	24852203	1	Gear R. 1,54 TM 345			
45B	24853203	1	Gear R. 2 TM 345			
45C	24854203	1	Gear R. 2,47 TM 345			
48	24850124	2	Piston			
49	24850301	1	INTERMEDIATE Shaft			
50	24850330	1	Bell			
63	24810045	2	O-Ring D. 15,08X2,62			
64	24850081	1	Aspiration Tube			
65	24810035	1	Oil Filter			
66	24850085	1	Pin			
67	24850059	1	O-Ring D. 50X5,3			
68	24850076	1	Spacer			
69	24850057	1	Nut			
70	24850030	1	Spring			
71	24810424	1	Lever			
72	24810041	1	Support			
73	24850062	1	Selector Valve			
74	24850052	1	Valve			
75	24850078	1	Spring			
76	24850079	1	Screw			



INTERMEDIATE SHAFT ASSEMBLY



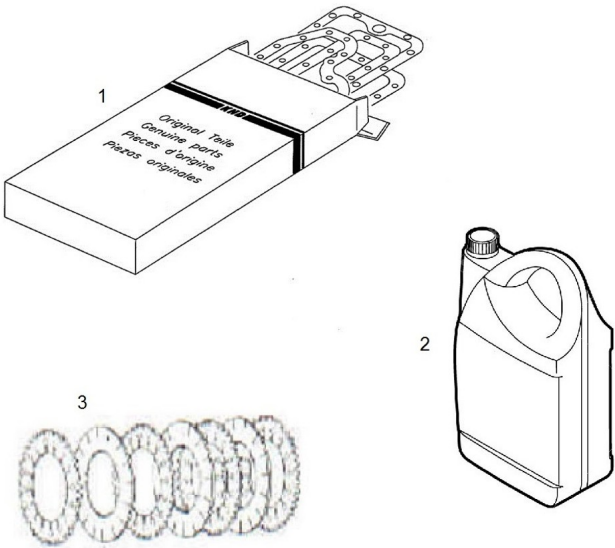
SELECTOR VALVE ASSEMBLY



OIL FILTER ASSEMBLY

D 5023 5 Maintenance Kit

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	24850401	1	Kit Gasket			
1	24850401	1	Kit Gasket			
2	A0105000	1	15W40 Sole Advance Oil 5L			
2	A0105000	1	15W40 Sole Advance Oil 5L			
3	24850403	2	Clutch Plate Kit			
3	24850403	2	Clutch Plate Kit			



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Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	24850091	1	Screw			
2	24850092	3	Washer			
3	24850090	2	Washer			
4	24820068	3	Plug M8X1			
5	56000057	3	Washer 8-13-1,5			
6	24810065	1	Plug			
7	24850008	1	Gauge Oil LEVEL			
26	24850028	11	Screw			
41	52102156	3	Bolt DIN 933 M6-16 8.8			
56	24850005	1	Plate, IDENTIFICATION			
59	24810063	1	Plane Washer			
60	24850011	1	Plug,oil drain			
61	52102158	2	Bolt DIN 933 M6-25 8.8			
62	52102258	2	Bolt DIN 933 M8-25 8.8			
77	24810532	1	SWITCHER			
78	24810533	1	O-Ring D. 14X1,7			
79	24850527	1	Pin			

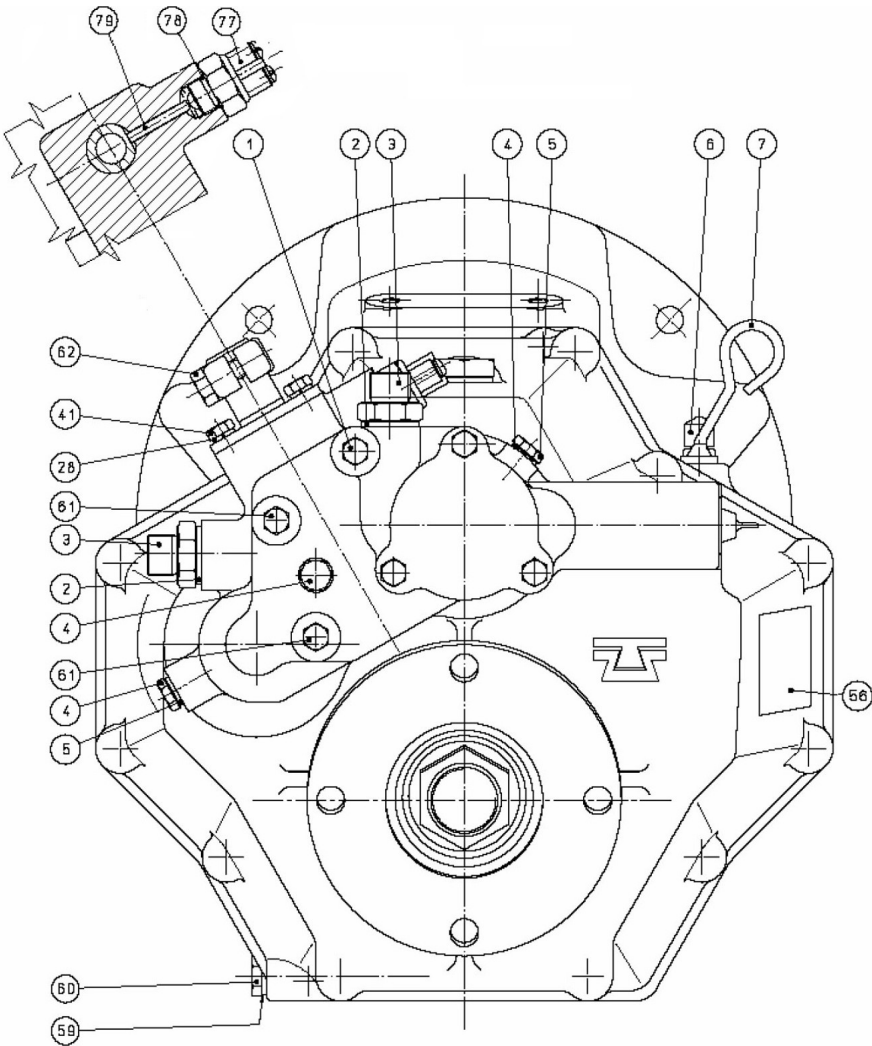


Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
33	24830113	1	Screw			

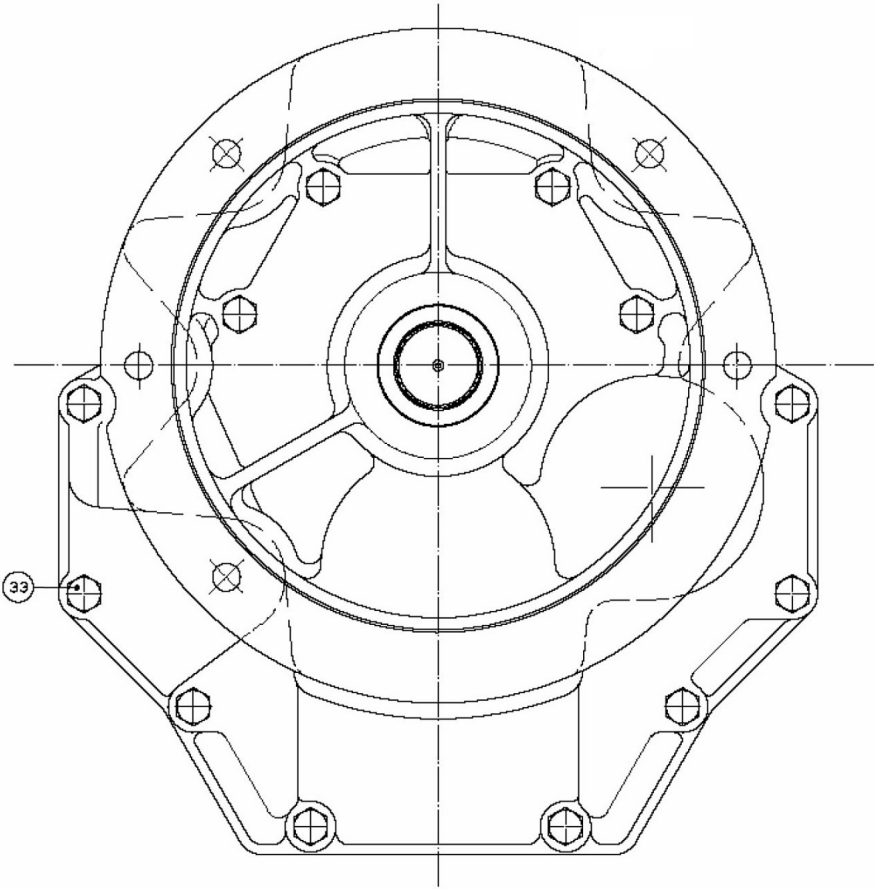


Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
8	24850323	2	Washer			
11	24850310	2	Ring			
12	24850307	2	Ring			
13	24850333	2	Spacer			
14	24850312	2	SEGER			
15A	24852203A	1	Gear R. 1,54 TM 345A			
15B	24853203A	1	Gear Red. 2 TM 345A			
15C	24854203A	1	Gear R. 2,47 TM 345A			
16	24850012	1	Plug			
17	24850318	4	Ring			
18	24850306	4	Bearing, needle			
19	24850325	2	Washer			
20	24850308	2	Conical Roller Bearing 32305			
21	24850328	4	Washer			
22	24810326	2	Plug			
23	24850016	1	Bushing			
24	24850020	1	PUMB Box			
25	24850015	1	Pump Cover			
27	24850029	3	Screw			
28	53033006	9	Washer GROWER DIN 127-6			
29	24850095	1	Gear, Pump Out			
30	24850094	1	Pump Shaft			
31	24850096	1	Gear, Pump INNER			
32	24850097	1	O-Ring D. 50X1,7			
34	24850099	1	Nut			
35	24850224A	1	Flange, Output TM-345A			
36	24840103	1	Grommet			
37	24850212	1	Conical Roller Bearing 30207A			
38	24850001A	1	Front Body TM-345A			
39A	24852210A	1	Gear R. 1,54 TM 345A			
39B	24853210A	1	Gear R. 2 TM 345A			

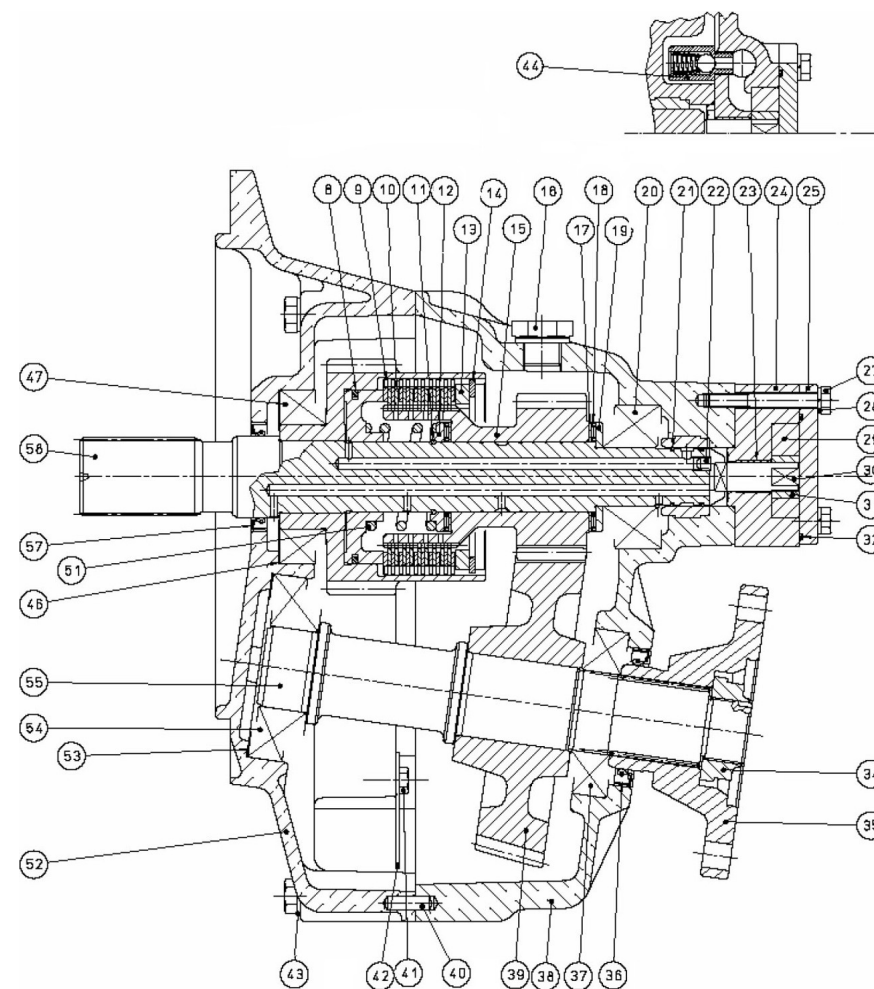
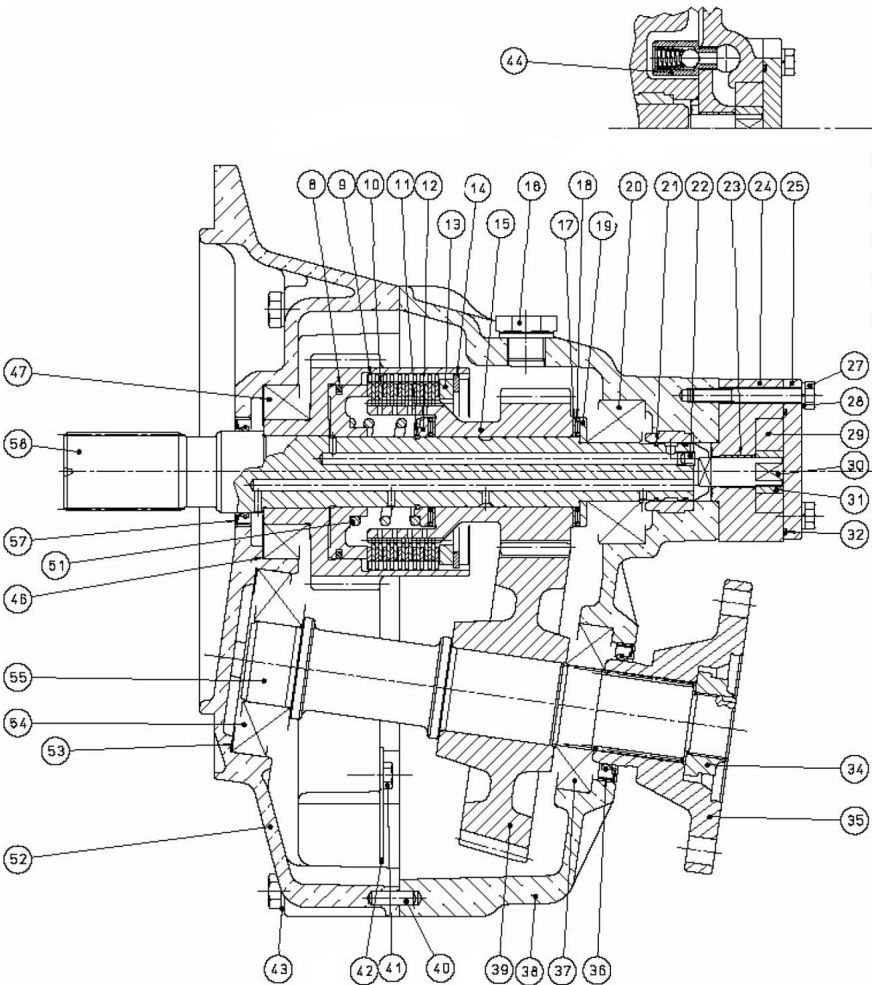


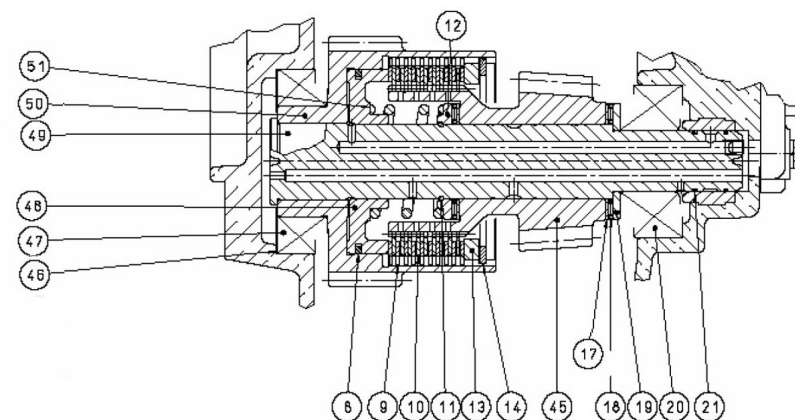
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
39C	24854210A	1	Gear R. 2,47 TM 345A			
40	24850013	2	Pin			
42	24850080	1	Plate Pipe			
43	24850093	12	Washer			
44	24850063	1	By pass Valve			
46	24850108	6	Shim Adjusting			
47	24850104	2	Conical Roller Bearing 32009-X			
51	24850122	2	Spring			
52	24850207A	1	Cover TM-345A			
53	24810333	3	Spacer			
54	24850206	1	Conical Roller Bearing 31307A			
55	24850201	1	Output Shaft			
57	24810103S	1	Grommet, Oil SILICON			
58	24850101	1	Input Shaft			



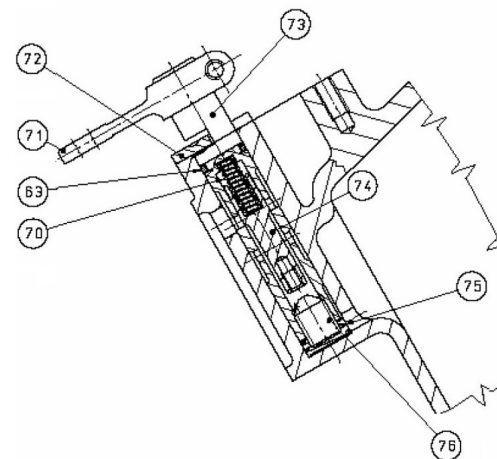
D 5024 4

Sheet 4/4

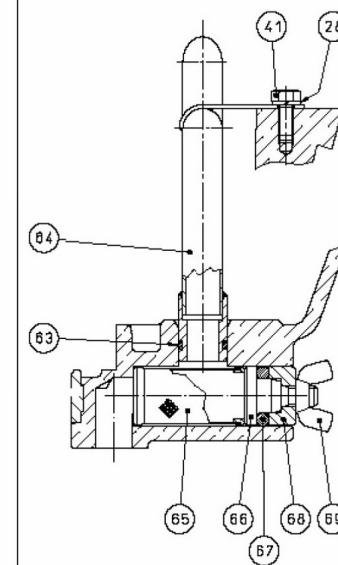
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
45A	24852302	1	Gear R. 1,54 TM 345A			
45B	24853302	1	Gear R. 2 TM 345A			
45C	24854302	1	Gear R. 2,47 TM 345A			
48	24850124	2	Piston			
49	24850301	1	INTERMEDIATE Shaft			
50	24850330	1	Bell			
63	24810045	2	O-Ring D. 15,08X2,62			
64	24850081	1	Aspiration Tube			
65	24810035	1	Oil Filter			
66	24850085	1	Pin			
67	24850059	1	O-Ring D. 50X5,3			2019-12-16
68	24850076	1	Spacer			
69	24850057	1	Nut			
70	24850030	1	Spring			
71	24810424	1	Lever			
72	24810041	1	Support			
73	24850062	1	Selector Valve			
74	24850052	1	Valve			
75	24850078	1	Spring			
76	24850079	1	Screw			



INTERMEDIATE SHAFT ASSEMBLY



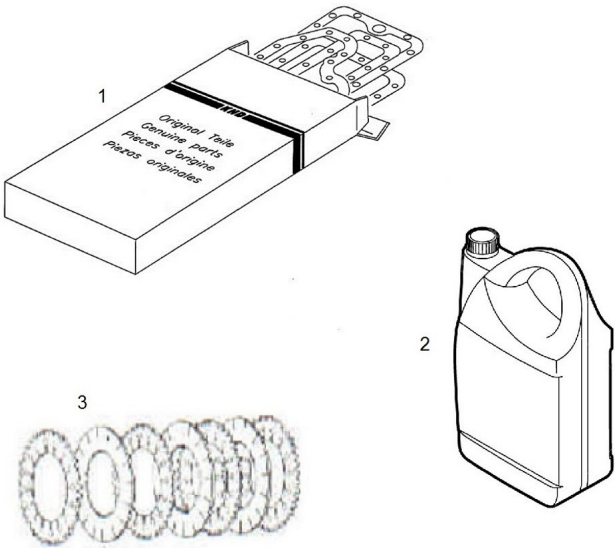
SELECTOR VALVE ASSEMBLY



OIL FILTER ASSEMBLY

D 5023 5 Maintenance Kit

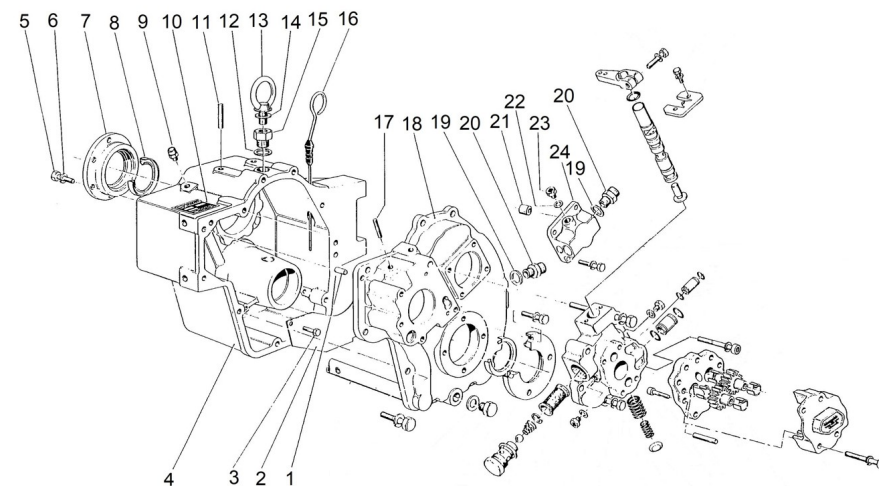
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	24850401	1	Kit Gasket			
1	24850401	1	Kit Gasket			
2	A0105000	1	15W40 Sole Advance Oil 5L			
2	A0105000	1	15W40 Sole Advance Oil 5L			
3	24850403	2	Clutch Plate Kit			
3	24850403	2	Clutch Plate Kit			



D 5027 1.1

Sheet 1.1/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	24820090	2	Pin			
2	24816080	1	Plate Pipe			
3	24810082	2	Screw			
4	24820001	1	Front Body TM 170			
5	24810047	6	Screw			
6	24810014	6	Washer			
7	24820072	1	Cover Input Shaft			
8	24820103	1	Oil Grommet			
9	24810065	1	Plug			
10	24820005.1	1	NAME Plate			
11	24810071	2	Stud			
12	56000083	1	Washer 21-26-1,5			
13	24810012	1	Nut			
14	24810063	1	Plane Washer			
15	24810068	1	Plug			
16	24810008	1	ROD, Oil LEVEL			
17	24820071	2	Stud			
18	24820002	1	Reverse Body TM 170			
19	24810059	2	Plane Washer			
20	24810060	2	Racord			
21	24810062	1	Valve BY PASS			
22	24820086	1	Washer			
23	24830105	1	Plug			
24	24820102	1	Cover, REAR			



D 5026 1.2

Sheet 1.2/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
25	24810013	4	Screw			
25	24810013	4	Screw			
26	24820015.1	1	Oil Pump Body			
26	24820015.1	1	Oil Pump Body			
27	24820025.1	3	Screw			
27	24820025.1	3	Screw			
28	24810025	4	Bushing			
28	24810025	4	Bushing			
29	24810096	1	Gear, Driver			
29	24810096	1	Gear, Driver			
30	24820023.1	2	Pin			
30	24820023.1	2	Pin			
31	24820026	1	Distributor Cap			
31	24820026	1	Distributor Cap			
32	24810055	1	Expansion Plug			
32	24810055	1	Expansion Plug			
33	24816054	1	Spring, Valve			
33	24816054	1	Spring, Valve			
34	24820098	2	Screw M10X50			
34	24820098	2	Screw M10X50			
35	24810035	1	Oil Filter			
35	24810035	1	Oil Filter			
36	24810032	1	SNAP Ring			
36	24810032	1	SNAP Ring			
37	24810030	1	Valve Spring			
37	24810030	1	Valve Spring			
38	18024143	1	Ball,steel 1/2"			
38	18024143	1	Ball,steel 1/2"			
39	24810027	1	Washer			
39	24810027	1	Washer			
40	24810024	1	Plug, Oil Filter DRAIN			

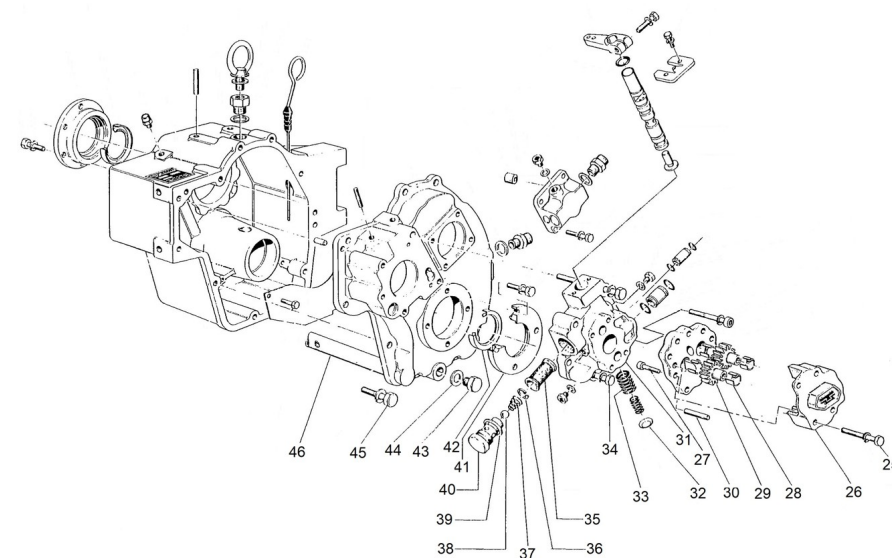
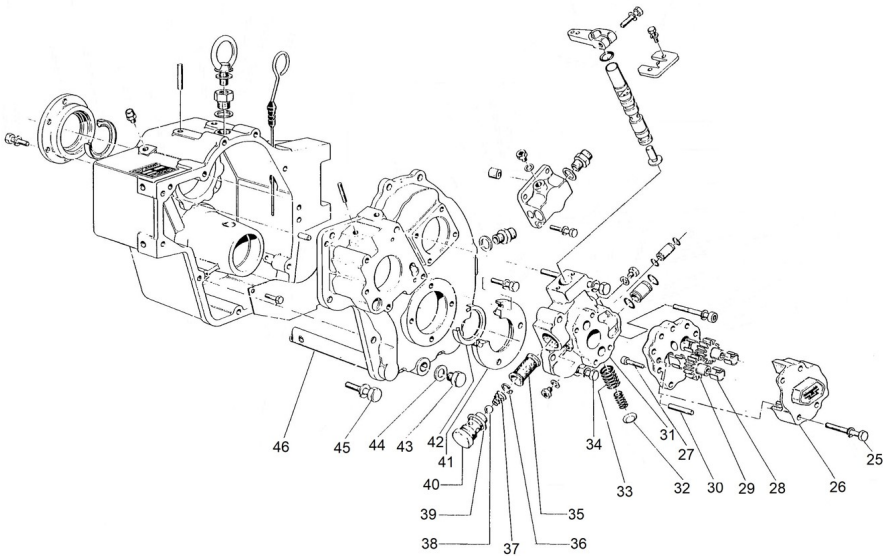


Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
41	24820208	1	Cover Front			
42	24820214	1	Grommet			
42	24820214	1	Grommet			
43	24810011	1	Plug,oil drain			
43	24810011	1	Plug,oil drain			
44	24810088	1	Plane Washer			
44	24810088	1	Plane Washer			
45	52101314	1	Bolt DIN 931 M10-55 8.8			
45	52101314	1	Bolt DIN 931 M10-55 8.8			
46	24816081	1	Aspiration Tube TM 880A			
46	24816081	1	Aspiration Tube TM 880A			
NS	52103311	9	Bolt DIN 912 M10-40 8.8			
NS	52103311	9	Bolt DIN 912 M10-40 8.8			



D 5026 1.3 Sheet 1.3/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
47	24820062	2	Tube, Racord			
47	24820062	2	Tube, Racord			
48	24820063	2	O-Ring D. 15X1,7			
48	24820063	2	O-Ring D. 15X1,7			
49	24820013	2	Screw M10X30			
49	24820013	2	Screw M10X30			
50	24810026.1	3	Cover			
50	24810026.1	3	Cover			
51	24810095	3	Gear, Driven			
51	24810095	3	Gear, Driven			
52	24810056	1	O-Ring			
52	24810056	1	O-Ring			
53	24810424	1	Lever			
53	24810424	1	Lever			
54	24810044	2	Screw			
54	24810044	2	Screw			
55	24810042	2	Washer			
55	24810042	2	Washer			
56	24810041	1	Support			
56	24810041	1	Support			
57	24810051	1	Distributor			
57	24810051	1	Distributor			
58	24810052	1	Valve			
58	24810052	1	Valve			
59	24820075	4	Washer			
59	24820075	4	Washer			
60	24820076	4	Screw M10X30			
60	24820076	4	Screw M10X30			
61	24820087	1	Screw M10X130			
61	24820087	1	Screw M10X130			
62	24820060	1	Tube, Racord			

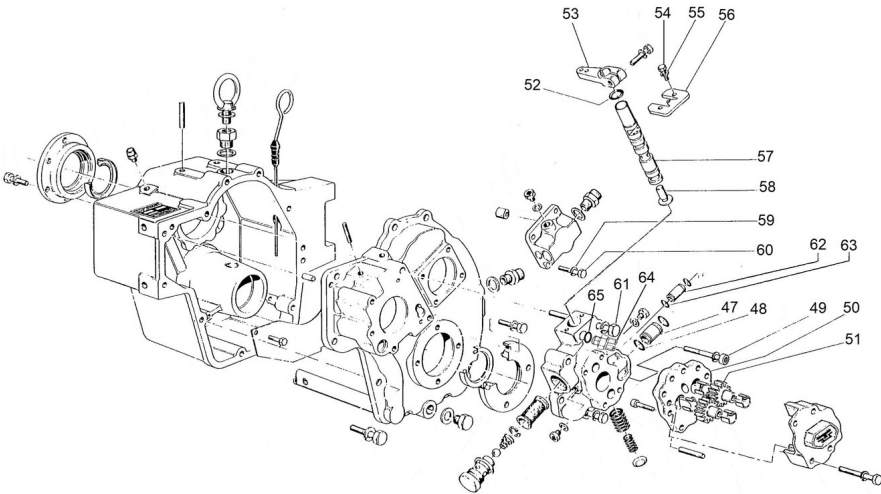
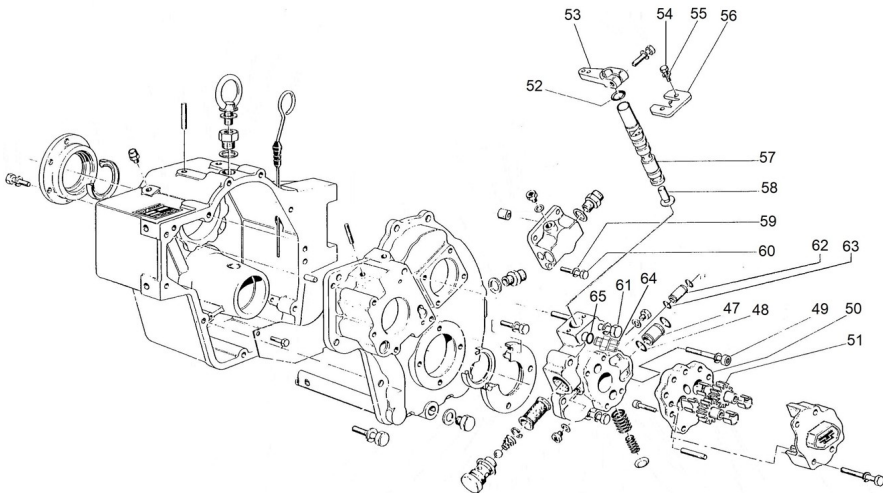
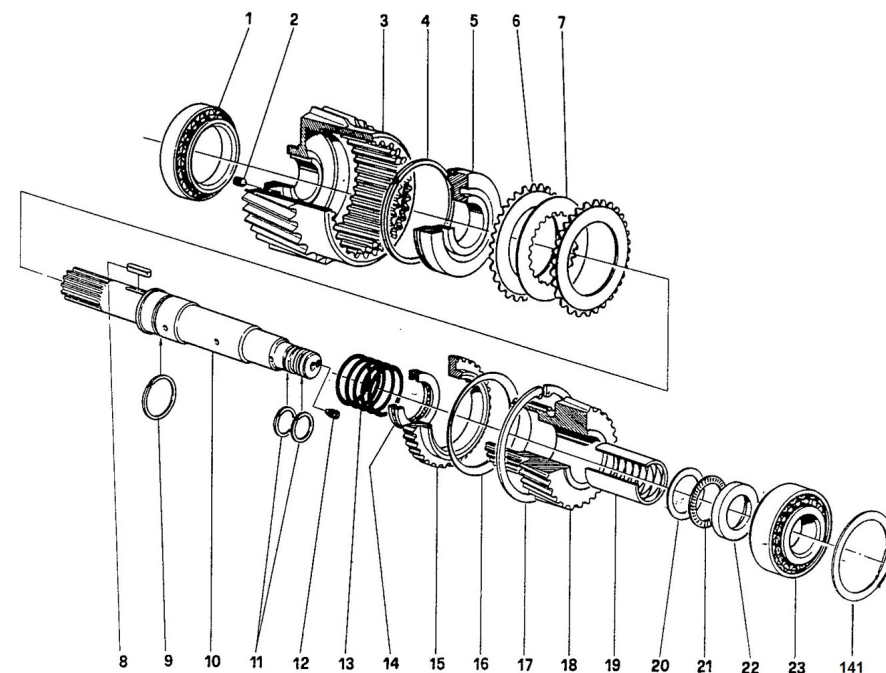


Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
63	24820059	2	O-Ring D. 10X1,7			
64	24810048	1	GR. Crazy Switch			
64	24810048	1	GR. Crazy Switch			
65	24810533	1	O-Ring D. 14X1,7			
65	24810533	1	O-Ring D. 14X1,7			



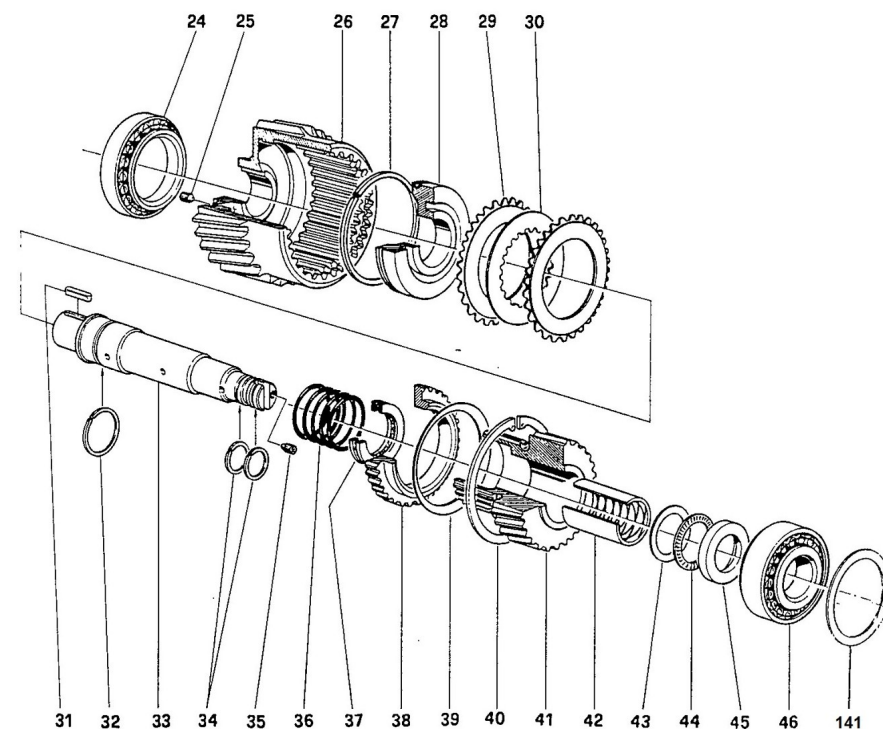
D 5027 2**Input Shaft 2/4**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	24820134	1	Conical Roller Bearing 32011-JR			
2	24810334	1	Plug			
3	24820130	1	Bell			
4	24820125	1	Washer			
5	24820124	1	Piston			
6	24820115	9	Disk			
7	24820116	8	Disk			
8	24810211	1	KEY			
9	24820126	1	Washer			
10	24820101	1	Input Shaft			
11	24810328	2	Washer			
12	24810326	1	Plug			
13	24820122	1	Spring			
14	24820123	1	Bearing			
15	24820113	1	Grommet			
16	24820129	1	Ring			
17	24820128	1	SNAP Ring			
18A	24822302	1	Gear R. 1,50 TM 170			
18B	24823302	1	Gear R. 2,04 TM 170			
18C	24824302	1	Gear R. 2.50 TM 170			
18D	24825302	1	Gear Red. 2,94 TM 170			
19	24820117	1	Bushing			
20	24820118	1	Ring			
21	24820121	1	Roller Bearing AXK-4060			
22	24820105	1	Washer			
23	24820104	1	Conical Roller Bearing 32307			
141	24810333	0	Spacer	#		



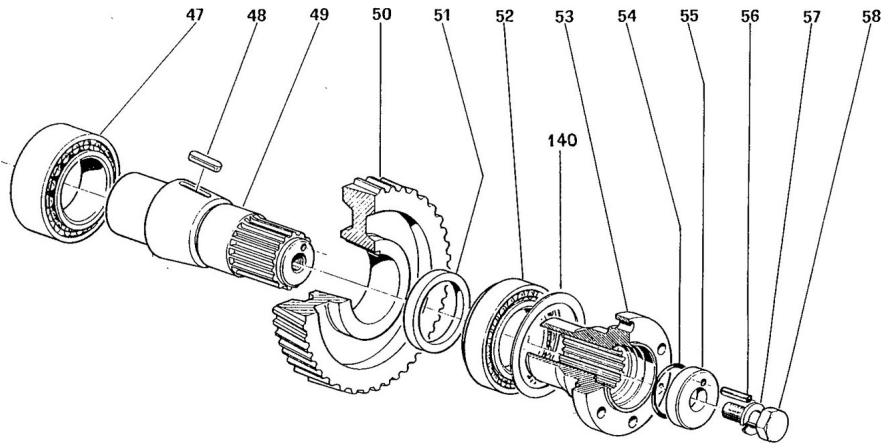
D 5027 3**Intermediate Shaft 3/4**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
24	24820134	1	Conical Roller Bearing 32011-JR			
25	24810334	1	Plug			
26	24820330	1	Bell			
27	24820125	1	Washer			
28	24820124	1	Piston			
29	24820115	9	Disk			
30	24820116	8	Disk			
31	24810211	1	KEY			
32	24820126	1	Washer			
33	24820301	1	INTERMEDIATE Shaft			
34	24810328	2	Washer			
35	24810326	1	Plug			
36	24820122	1	Spring			
37	24820123	1	Bearing			
38	24820113	1	Grommet			
39	24820129	1	Ring			
40	24820128	1	SNAP Ring			
41A	24822302	1	Gear R. 1,50 TM 170			
41B	24823302	1	Gear R. 2,04 TM 170			
41C	24824302	1	Gear R. 2.50 TM 170			
41D	24825302	1	Gear Red. 2,94 TM 170			
42	24820117	1	Bushing			
43	24820118	1	Ring			
44	24820121	1	Roller Bearing AXK-4060			
45	24820105	1	Washer			
46	24820104	1	Conical Roller Bearing 32307			
141	24810333	0	Spacer	#		



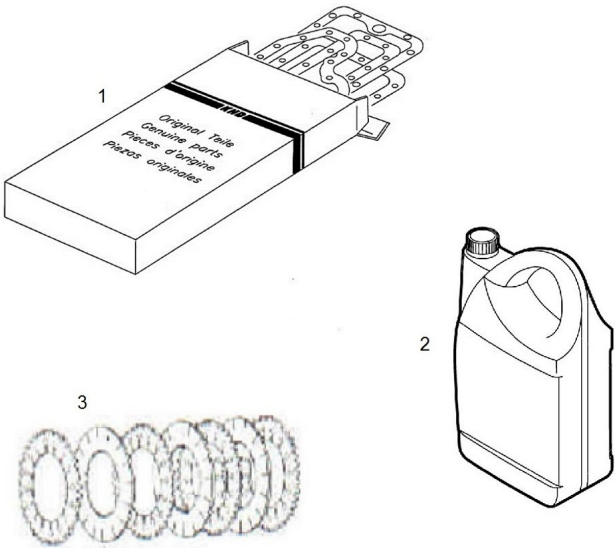
D 5027 4 Output Shaft 4/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
47	24820206	1	Conical Roller Bearing 33210			
4950	24822201C	1	Gear+Output Shaft Kit+Spacer			
4950	24823201C	1	Gear+Output Shaft Kit+Spacer			
4950	24824201C	1	Gear+Output Shaft Kit+Spacer			
4950	24825201C	1	Gear+Output Shaft Kit+Spacer			
51	24820209	1	Spacer, Output Shaft			
52	24820212	1	Conical Roller Bearing 30210-J2/Q			
53	24820224	1	Flange, Output			
54	24820225	1	O-Ring D. 45X3,5			
55	24820219	1	BUTT Washer			
56	24820220	1	Pin			
57	24820221	1	Washer D.16			2018-09-21
57	53033016C	1	Washer		2018-09-22	
58	24820222.1	1	Screw			
140	24820333.1	0	Shim	#		



D 5027 5 Maintenance Kit

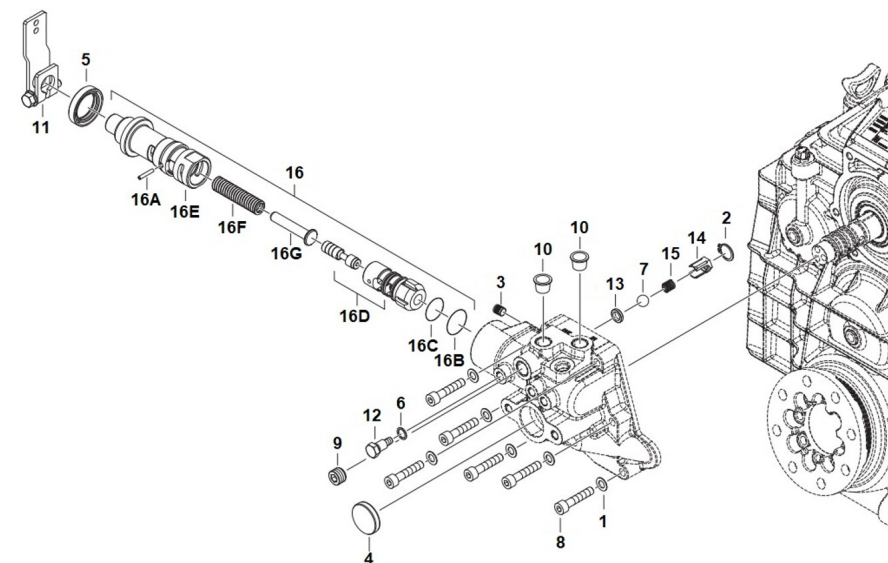
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	24820401	1	Kit Gasket		2016-06-15	
1	24820401	1	Kit Gasket		2016-06-15	
2	A0105000	1	15W40 Sole Advance Oil 5L		2016-06-15	
2	A0105000	1	15W40 Sole Advance Oil 5L		2016-06-15	
3	24820403	2	Clutch Plate Kit		2016-06-15	
3	24820403	2	Clutch Plate Kit		2016-06-15	



D ZF68 1

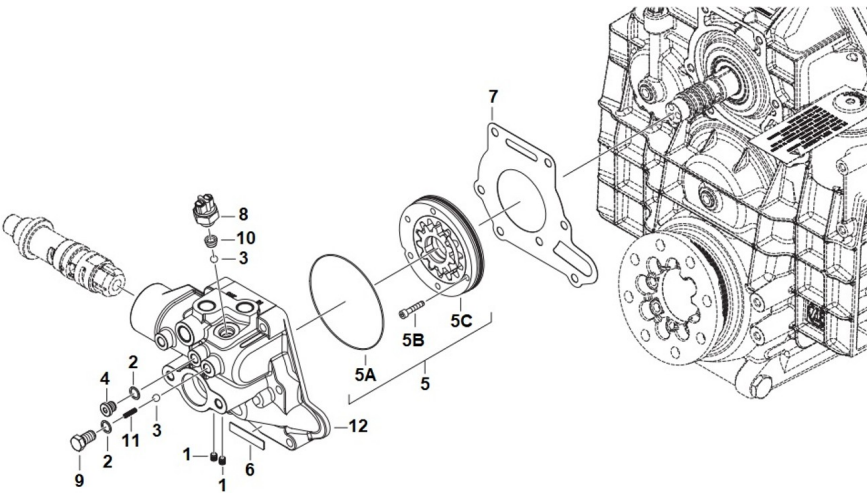
Sheet 1/5

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	Z0630100251	7	Spring Washer			
2	Z0630502005	1	Circlip			
3	Z0631405003	1	Plug			
4	Z0631405061	1	Plug			
5	Z0634309621	1	Shaft Seal			
6	Z0634801152	3	Sealing Ring			
7	Z0635460023	1	Ball			
8	Z0636115291	6	Cap Screw			
9	Z0636309007	1	Drain Plug			
10	Z0637510251	2	Plug			
11	Z3312208032	1	Lever			
12	Z3312308195	1	Locking Screw			
13	Z3312308036	1	Spacer			
14	Z3312308038	1	Bush			
15	Z3312308042	1	Compression Spring			
16	Z3312108021	1	Control Unit			
16A	Z0631313002	1	Cylindrical Pin			
16B	Z0634303233	1	O-Ring			
16C	Z0634304539	1	O-Ring			
16D	Z3312208009	1	Valve Part			
16E	Z3312308033	1	Valve Body			
16F	Z3312308040	1	Compression Spring			
16G	Z3312308043	1	Guide Pin			



D ZF68 2 Sheet 2/5

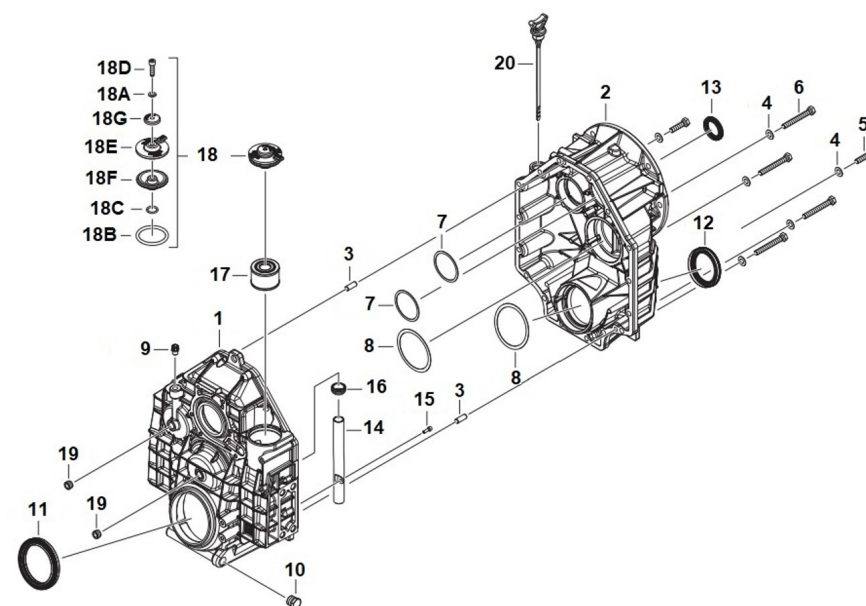
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	Z0631100217	2	Plug			
2	Z0634801152	3	Sealing Ring			
3	Z0635460014	2	Ball			
4	Z0636100793	1	Screw Plug			
5	Z3312106002	1	Pump Drive			
5A	Z0634303373	1	O-Ring			
5B	Z0636102006	5	Cap Screw			
5C	Z3312206101	1	Gear Pump			
6	Z3312308202	1	Plate			
7	Z3312308020	1	Gasket			
8	Z3312308029	1	Cut-Out Switch			
9	Z3312308037	1	Threaded Bush			
10	Z3312308039	1	Beilegring			
11	Z3312308047	1	Compression Spring			
12	Z3312308188	1	Distributor Piece			



D ZF68 3

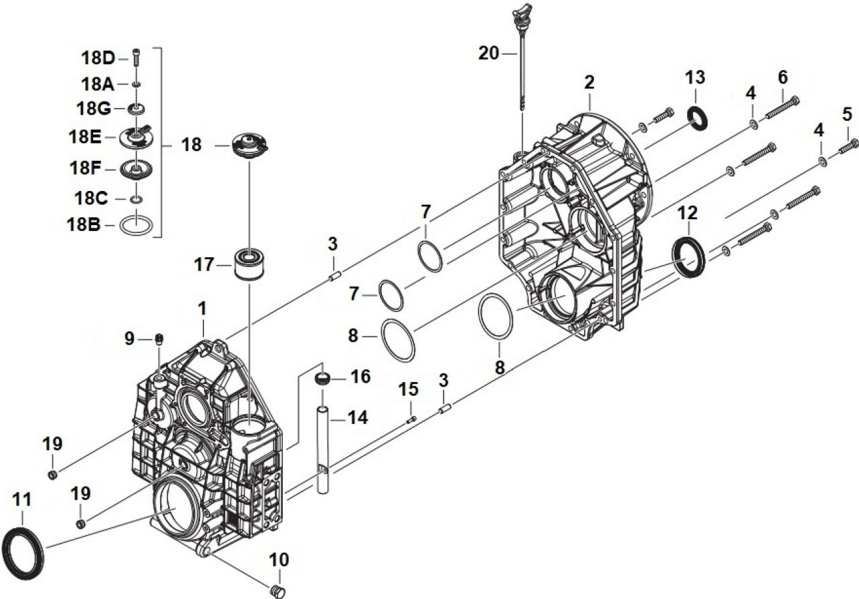
Sheet 3/5

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	Z3312301100	1	Housing			
2	Z3312201004	1	Housing Cover			
3	Z0631315520	2	Cylindrical Pin			
4	Z0630100241	16	Spring Washer			
5	Z0636015683	12	Hexagon Screw			
6	Z0636100347	4	Hexagon Screw			
7A	Z3312302023	0	Shim 62.2X71.7X0.1	#		
7B	Z3312302024	0	Shim 62.2X71.7X0.15	#		
7C	Z3312302025	0	Shim 62.2X71.7X0.2	#		
7D	Z3312302026	0	Shim 62.2X71.7X0.5	#		
8A	Z3312304022	0	Shim 0.1	#		
8B	Z3312304023	0	Shim 0.15	#		
8C	Z3312304024	0	Shim 0.3	#		
8D	Z3207303013	0	Shim H=0.50	#		
9	Z0501396898	1	Breather			
10	Z3312301017	1	Drain Plug			
11	Z0501399222	1	Shaft Seal			
12	Z0501399223	1	Shaft Seal			
13	Z0501399224	1	Shaft Seal			
14	Z3312301034	1	Tube			
15	Z0636101439	1	Cap Screw			
16	Z3312301008	1	Profiled Seal Ring			
17	Z3312301007	1	Oil Filter			
18	Z3312101003	1	Cover			
18A	Z0630100295	1	Washer			
18B	Z0634304688	1	O-Ring			
18C	Z0634306204	1	O-Ring			
18D	Z0636100790	1	Cap Screw			
18E	Z3312301009	1	Filter Cover			
18F	Z3312301010	1	Filter Cover			
18G	Z3312301014	1	Filter Cover			



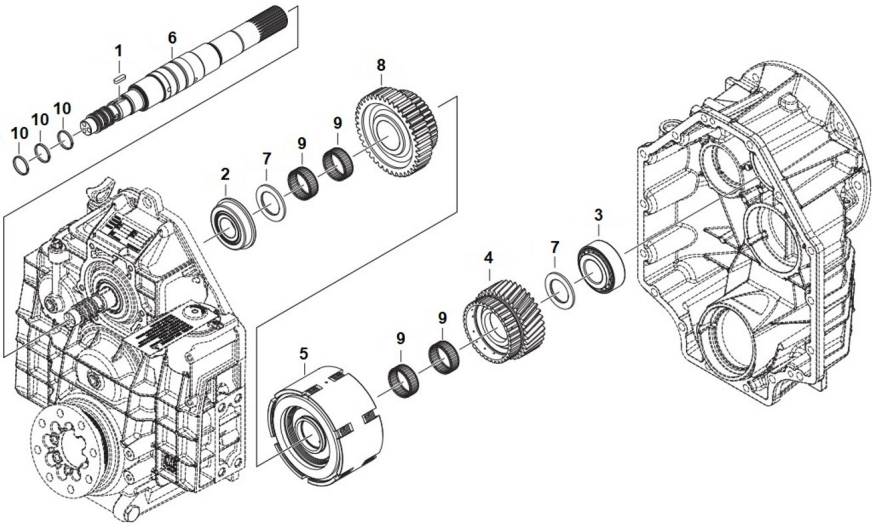
D_ZF68_3 Sheet 3/5

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
19	Z0636100473	1	Screw Plug			
20	Z3312201003	1	Oil Dipstick			



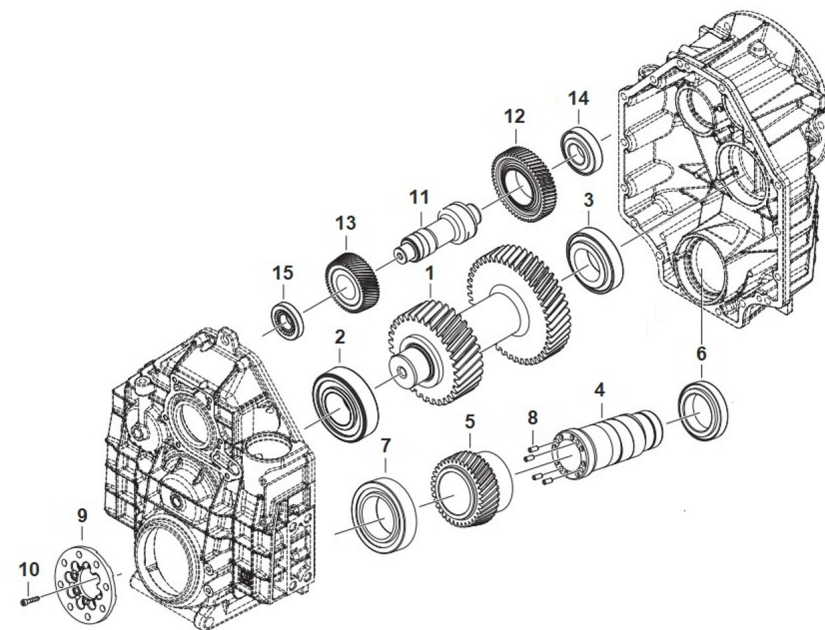
D ZF68 4 Sheet 4/5

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	Z0631501062	1	Fitted Key			
2	Z0635501937	1	Ta.Roller Bearing			
3	Z0635501940	1	Ta.Roller Bearing			
4	Z3312302103	1	Gear			
5	Z3312202102	1	Clutch Cylinder			
6	Z3312302001	1	Input Shaft			
7	Z3312302004	2	Thrust Washer			
8	Z3312302104	1	Gear			
9	Z3312302040	4	Needle Cage			
10	Z3312302042	3	Sealing Ring			



D ZF68 5**Sheet 5/5**

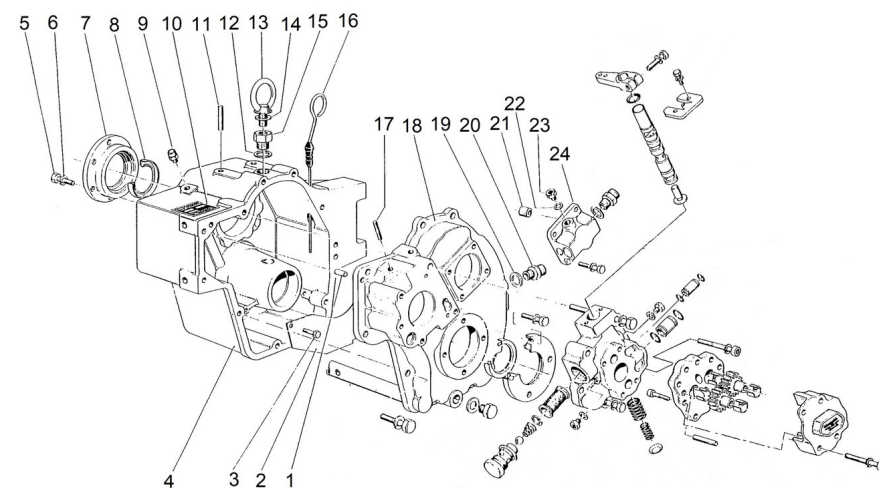
Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1A	Z3312303105	1	Intermediate Shaft Z/Z=45/32 R:1.56			
1B	Z3312303107	1	Intermediate Shaft Z=36 R:1.29			
1BC	Z3312303106	1	Gear Z=45 R:1.29 / 1.99 / 2.48			
1C	Z3312303109	1	Intermediate Shaft Z=27 R:1.99 / 2.48			
2	Z0635501941	1	Ta.Roller Bearing			
3	Z0735302485	1	Tapered Roller Bearing			
4	Z3312304014	1	Quill Shaft			
5A	Z3312304101	1	Gear Z=34 R:1.29 / 1.56 / 1.99			
5B	Z3312304100	1	Gear Z=41 R:2.48			
6	Z0635370020	1	Ta.Roller Bearing			
7	Z0635376005	1	Ta.Roller Bearing			
8	Z0631313008	4	Cylindrical Pin			
9	Z3312304105	1	Output Flange			
10	Z0636102823	8	Cap Screw			
11	Z3312303016	1	Interm.Shaft			
12A	Z3312303103	1	Gear Z=53 R:1.56			
12B	Z3312303101	1	Gear Z=49 R:1.29			
12C	Z3312303102	1	Gear Z=58 R:1.99 / 2.48			
13A	Z3312303110	1	Gear Z=33 R:1.29 / 1.56 / 1.99			
13C	Z3312303100	1	Gear Z=32 R:2.48			
14	Z0635100087	1	Ta.Roller Bearing			
15	Z0635376012	1	Tapered Roller Bearing			



D 5026 1.1

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Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	24820090	2	Pin			
2	24816080	1	Plate Pipe			
3	24810082	2	Screw			
4	24816001	1	Front Body TM 880A			
5	24810047	6	Screw			
6	24810014	6	Washer			
7	24820072	1	Cover Input Shaft			
8	24820103	1	Oil Grommet			
9	24810065	1	Plug			
10	24820005.1	1	NAME Plate			
11	24810071	2	Stud			
12	56000083	1	Washer 21-26-1,5			
13	24810012	1	Nut			
14	24810063	1	Plane Washer			
15	24810068	1	Plug			
16	24810008	1	ROD, Oil LEVEL			
17	24820071	2	Stud			
18	24816002	1	REVERSE Body TM 880A			
19	24810059	1	Plane Washer			
20	24810060	1	Racord			
21	24810062	1	Valve BY PASS			
22	24820086	1	Washer			
23	24830105	1	Plug			
24	24820102	1	Cover, REAR			



D 5026 1.2

Sheet 1.2/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
25	24810013	4	Screw			
25	24810013	4	Screw			
26	24820015.1	1	Oil Pump Body			
26	24820015.1	1	Oil Pump Body			
27	24820025.1	3	Screw			
27	24820025.1	3	Screw			
28	24810025	4	Bushing			
28	24810025	4	Bushing			
29	24810096	1	Gear, Driver			
29	24810096	1	Gear, Driver			
30	24820023.1	2	Pin			
30	24820023.1	2	Pin			
31	24820026	1	Distributor Cap			
31	24820026	1	Distributor Cap			
32	24810055	1	Expansion Plug			
32	24810055	1	Expansion Plug			
33	24816054	1	Spring, Valve			
33	24816054	1	Spring, Valve			
34	24820098	2	Screw M10X50			
34	24820098	2	Screw M10X50			
35	24810035	1	Oil Filter			
35	24810035	1	Oil Filter			
36	24810032	1	SNAP Ring			
36	24810032	1	SNAP Ring			
37	24810030	1	Valve Spring			
37	24810030	1	Valve Spring			
38	18024143	1	Ball,steel 1/2"			
38	18024143	1	Ball,steel 1/2"			
39	24810027	1	Washer			
39	24810027	1	Washer			
40	24810024	1	Plug, Oil Filter DRAIN			

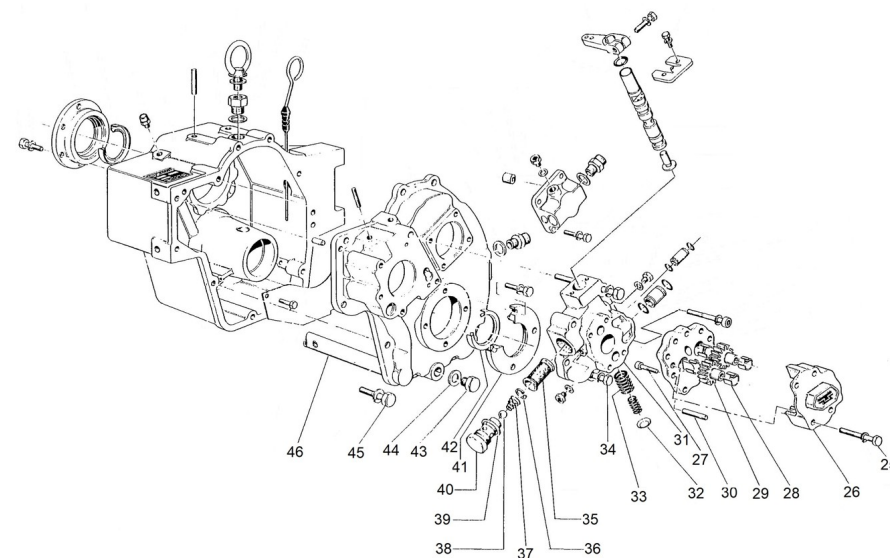
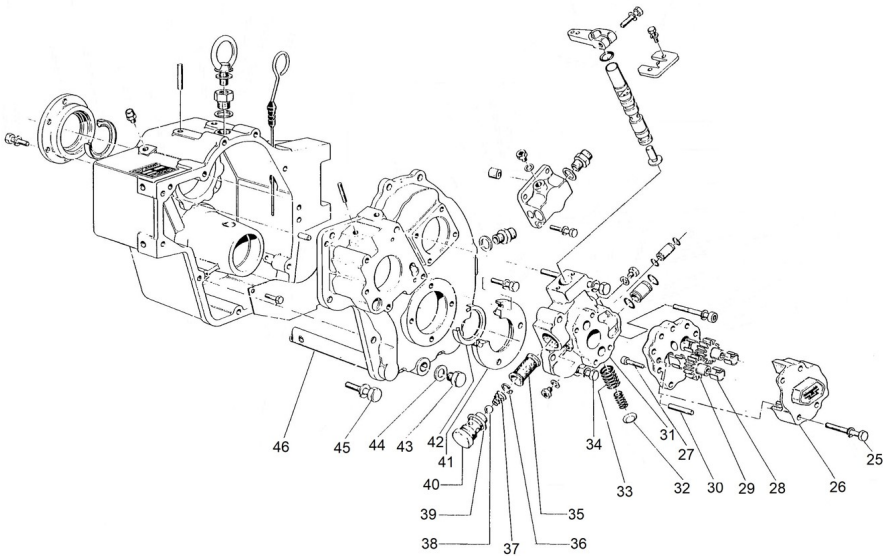


Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
41	24820208	1	Cover Front			
42	24820214	1	Grommet			
42	24820214	1	Grommet			
43	24810011	1	Plug,oil drain			
43	24810011	1	Plug,oil drain			
44	24810088	1	Plane Washer			
44	24810088	1	Plane Washer			
45	52101314	1	Bolt DIN 931 M10-55 8.8			
45	52101314	1	Bolt DIN 931 M10-55 8.8			
46	24816081	1	Aspiration Tube TM 880A			
46	24816081	1	Aspiration Tube TM 880A			
NS	52103311	9	Bolt DIN 912 M10-40 8.8			
NS	52103311	9	Bolt DIN 912 M10-40 8.8			



D 5026 1.3

Sheet 1.3/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
47	24820062	2	Tube, Racord			
47	24820062	2	Tube, Racord			
48	24820063	2	O-Ring D. 15X1,7			
48	24820063	2	O-Ring D. 15X1,7			
49	24820013	2	Screw M10X30			
49	24820013	2	Screw M10X30			
50	24810026.1	3	Cover			
50	24810026.1	3	Cover			
51	24810095	3	Gear, Driven			
51	24810095	3	Gear, Driven			
52	24810056	1	O-Ring			
52	24810056	1	O-Ring			
53	24810424	1	Lever			
53	24810424	1	Lever			
54	24810044	2	Screw			
54	24810044	2	Screw			
55	24810042	2	Washer			
55	24810042	2	Washer			
56	24810041	1	Support			
56	24810041	1	Support			
57	24810051	1	Distributor			
57	24810051	1	Distributor			
58	24810052	1	Valve			
58	24810052	1	Valve			
59	24820075	4	Washer			
59	24820075	4	Washer			
60	24820076	4	Screw M10X30			
60	24820076	4	Screw M10X30			
61	24820087	1	Screw M10X130			
61	24820087	1	Screw M10X130			
62	24820060	1	Tube, Racord			

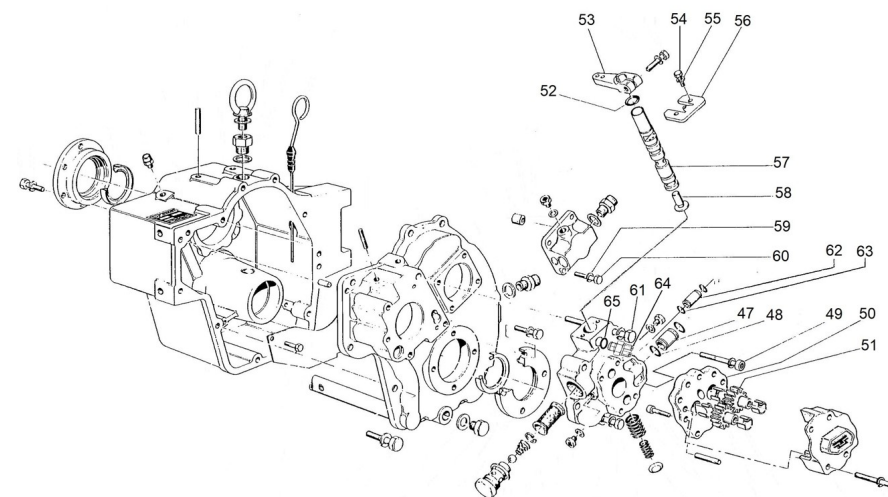
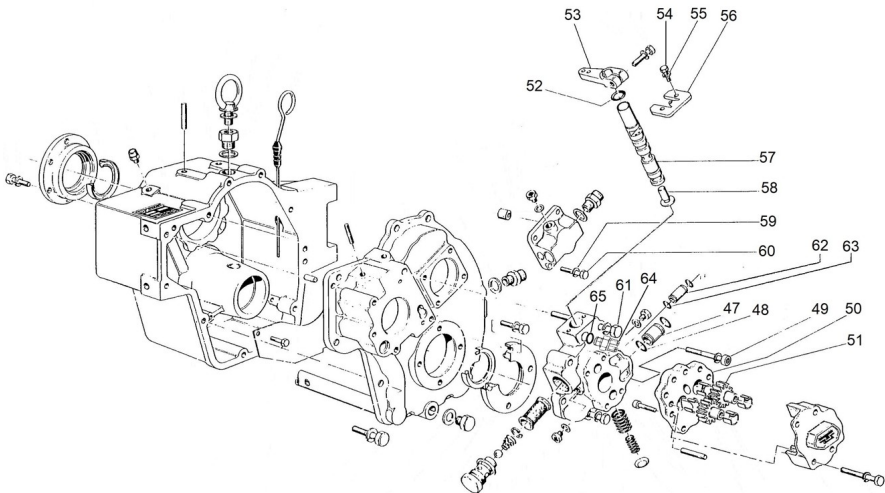
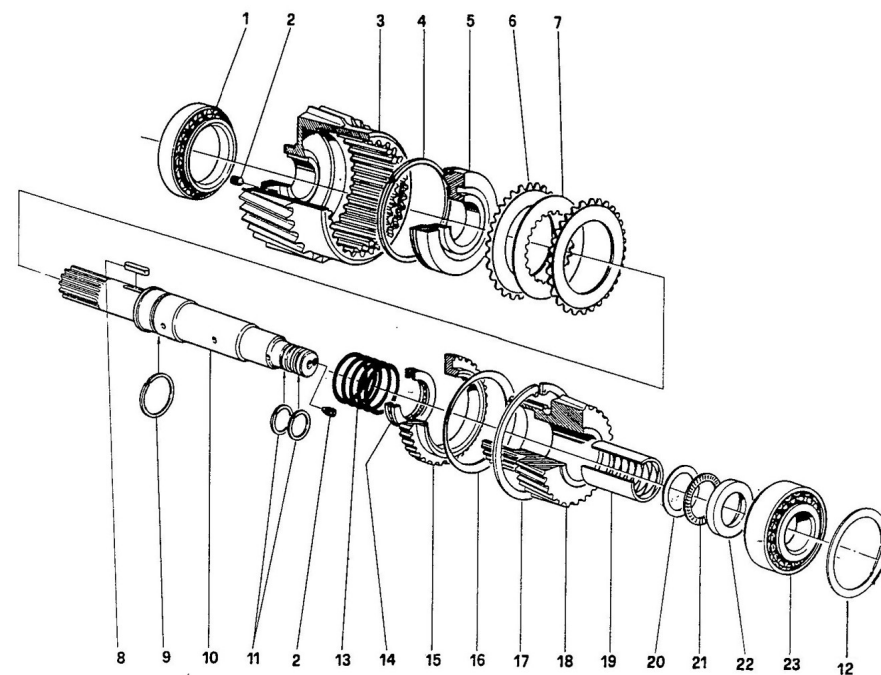


Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
63	24820059	2	O-Ring D. 10X1,7			
64	24810048	1	GR. Crazy Switch			
64	24810048	1	GR. Crazy Switch			
65	24810533	1	O-Ring D. 14X1,7			
65	24810533	1	O-Ring D. 14X1,7			



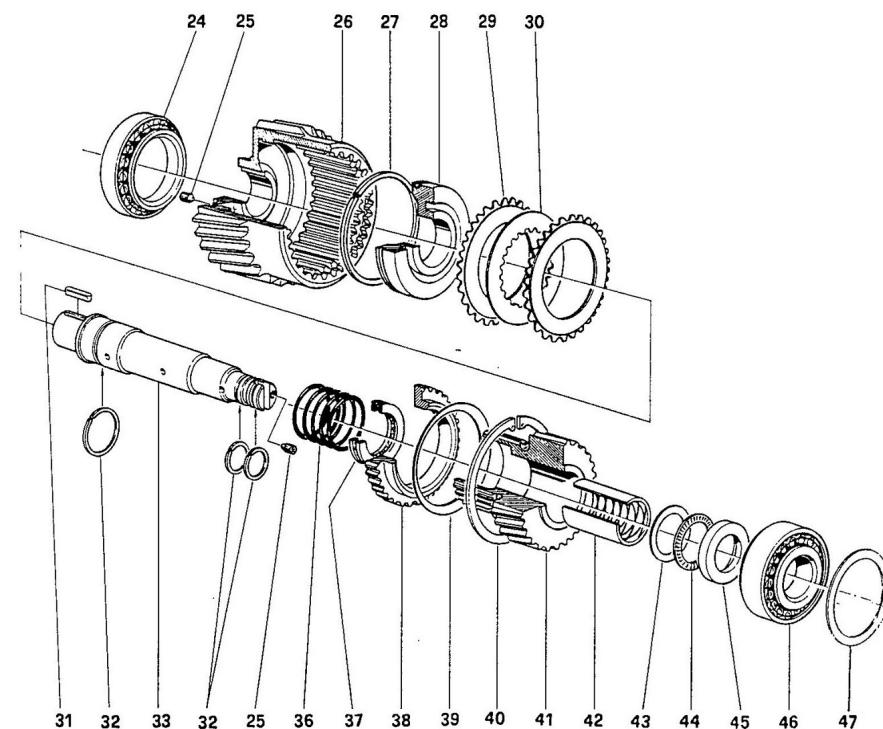
D 5026 2 **Input Shaft 2/4**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	24820134	1	Conical Roller Bearing 32011-JR			
2	24810326	2	Plug			
3	24820130	1	Bell			
4	24820125	1	Washer			
5	24820124	1	Piston			
6	24820115	9	Disk			
7	24820116	8	Disk			
8	24810211	1	KEY			
9	24820126	1	Washer			
10	24820101	1	Input Shaft			
11	24810328	2	Washer			
12	24810333	0	Spacer	#		
13	24820122	1	Spring			
14	24820123	1	Bearing			
15	24820113	1	Grommet			
16	24820129	1	Ring			
17	24820128	1	SNAP Ring			
18A	24822302	1	Gear R. 1,50 TM 170			
18B	24823302	1	Gear R. 2,04 TM 170			
18C	24824302	1	Gear R. 2.50 TM 170			
19	24820117	1	Bushing			
20	24820118	1	Ring			
21	24820121	1	Roller Bearing AXK-4060			
22	24820105	1	Washer			
23	24820104	1	Conical Roller Bearing 32307			



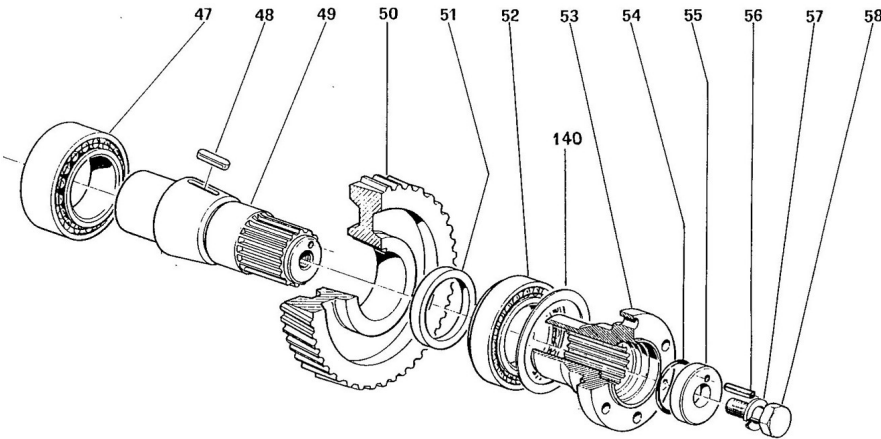
D 5026 3**Intermediate Shaft 3/4**

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
24	24820134	1	Conical Roller Bearing 32011-JR			
25	24810326	2	Plug			
26	24820330	1	Bell			
27	24820125	1	Washer			
28	24820124	1	Piston			
29	24820115	9	Disk			
30	24820116	8	Disk			
31	24810211	1	KEY			
32	24820126	2	Washer			
33	24820301	1	INTERMEDIATE Shaft			
36	24820122	1	Spring			
37	24820123	1	Bearing			
38	24820113	1	Grommet			
39	24820129	1	Ring			
40	24820128	1	SNAP Ring			
41A	24822302A	1	Gear R. 1,53 TM 170A			
41B	24823302A	1	Gear R. 2,08 TM 170A			
41C	24824302A	1	Gear R. 2,60 TM 170A			
42	24820117	1	Bushing			
43	24820118	1	Ring			
44	24820121	1	Roller Bearing AXK-4060			
45	24820105	1	Washer			
46	24820104	1	Conical Roller Bearing 32307			
47	24810333	0	Spacer	#		



D 5026 4 Output Shaft 4/4

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
47	24820206	1	Conical Roller Bearing 33210			
4851	24822201AC	1	Gear+Output Shaft Kit+Spacer			
4851	24823201AC	1	Gear+Output Shaft Kit+Spacer			
4851	24824201AC	1	Gear+Output Shaft Kit+Spacer			
52	24820212	1	Conical Roller Bearing 30210-J2/Q			
53	24820224	1	Flange, Output			
54	24820225	1	O-Ring D. 45X3,5			
55	24820219	1	BUTT Washer			
56	24820220	1	Pin			
57	24820221	1	Washer D.16			
58	24820222.1	1	Screw			
140	24820333.1	0	Shim	#		



D 5027 5 Maintenance Kit

Fig.	Ref.	Qty.	Descr.	Obs	From	UpTo
1	24820401	1	Kit Gasket		2016-06-15	
1	24820401	1	Kit Gasket		2016-06-15	
2	A0105000	1	15W40 Sole Advance Oil 5L		2016-06-15	
2	A0105000	1	15W40 Sole Advance Oil 5L		2016-06-15	
3	24820403	2	Clutch Plate Kit		2016-06-15	
3	24820403	2	Clutch Plate Kit		2016-06-15	

