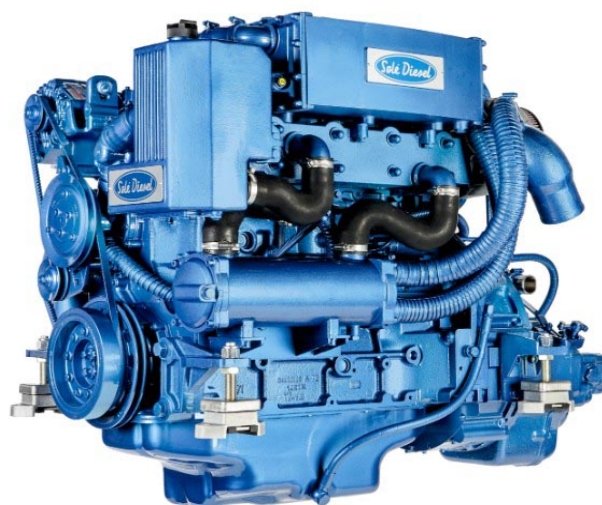




Engine SDZ-165

VERSION 2016-5

SPARE PARTS MANUAL



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 FAX or 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:

recambios@solediesel.com

Telf.: +34 93 775 44 05

Fax: +34 93 775 30 13

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.

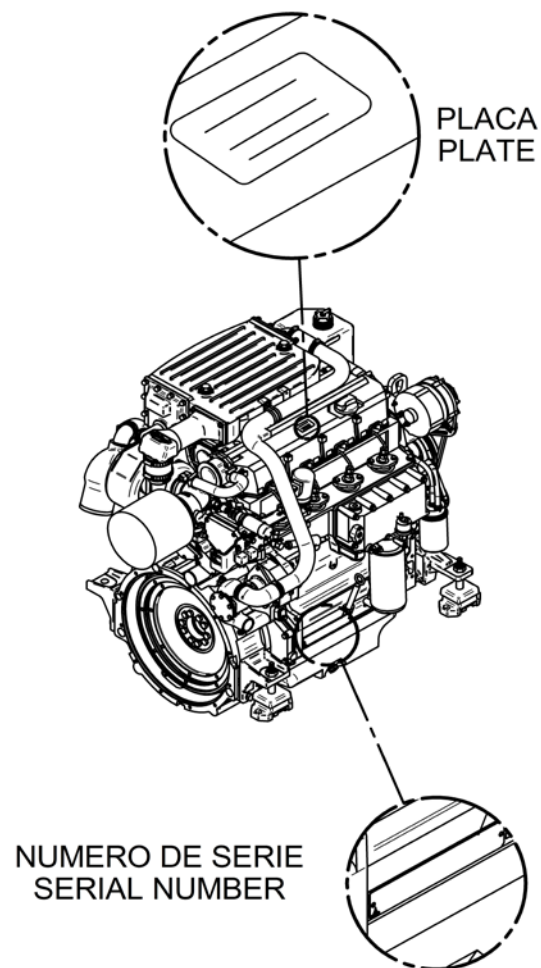
In case of doubt, contact Solé Diesel, or your authorized dealer.

The parts i / or references in this catalog are subject to change without notice.

[SOLÉ, S.A.](#)

C-243b, Km, 2 - P.O. BOX 15
08760 Martorell (Barcelona) Spain

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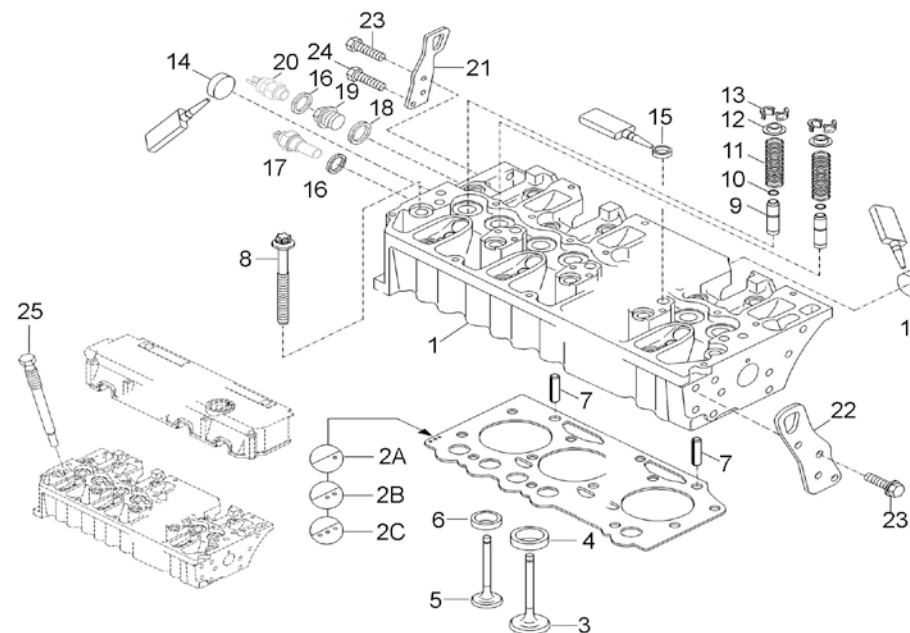
Front Power Take Off

Pulley 4B (V.S.) (S)
Pulley 5A (V.S.) (S)
Pulley 4A (V.S.) (S)
Kit Power Take-off D40

Kit PTO Deutz

Kit Power Take-off Hidr.Pump Max. 50 KW

D_SD17_1_1			Cylinder Head
FIG.	REF.	QTY	DESCR.
1	19421001	1	Cylinder Head
2A	19421004	1	Cylind.Head Gasket
2B	19421004.1	0	Cylind.Head Gasket [VAR]
2C	19421004.2	0	Cylind.Head Gasket [VAR]
3	19422055	4	Intake Valve
4A	19421061	4	Valve Seat INSERT
4B	19421061.1	0	OverSIZE Valve Seat INSERT - 1ST [VAR]
4C	19421061.2	0	OverSIZE Valve Seat INSERT - 2nd [VAR]
5	19422056	4	Exhaust Valve
6A	19421062	4	Valve Seat INSERT
6B	19421062.1	0	OverSIZE Valve Seat INSERT - 1A [VAR]
6C	19421062.2	0	OverSIZE Valve Seat INSERT - 2nd [VAR]
7	19421007	2	ClampING Bush
8	19421005	18	Bolt,cylinder head
9A	19421002A	8	Valve Guide
9B	19421002.1	0	OverSIZE Valve Guide - 1ST [VAR]
9C	19421002.2	0	OverSIZE Valve Guide - 2nd [VAR]
10	19422054	8	O-Ring
11	19422057	8	COMPRESSION Spring
12	19422058	8	VALV.Spring RETAIN
13	19422059	16	Valve COLLET
14	19420011	3	Plug
15	19421008	3	CORE Hole Plug
16	56000069	2	Washer 14-20-1,5
17	60900988	1	Temperature Sensor
18	19421019	1	Sealing Ring
19	19417003	1	Plug
20	60994070	1	THERMO-SWITCH 110°
21	19410020	1	Bracket
22	19420081	1	SUSPENSING Plate
23	19420079	5	Screw
24	52102309	1	Bolt DIN 933 M10-30 8.8
25	19420217	1	BLANKING PARTS
NS	19421017	1	SAFETY/LOCK.AGENT [NS]



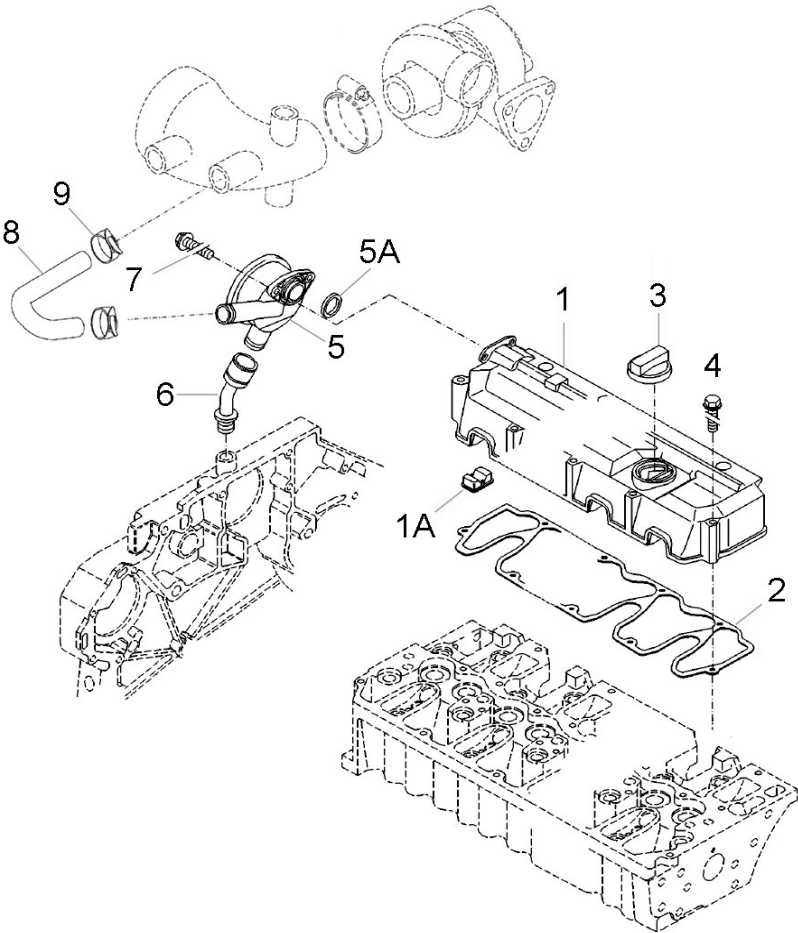
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[VAR] Variable according to repair



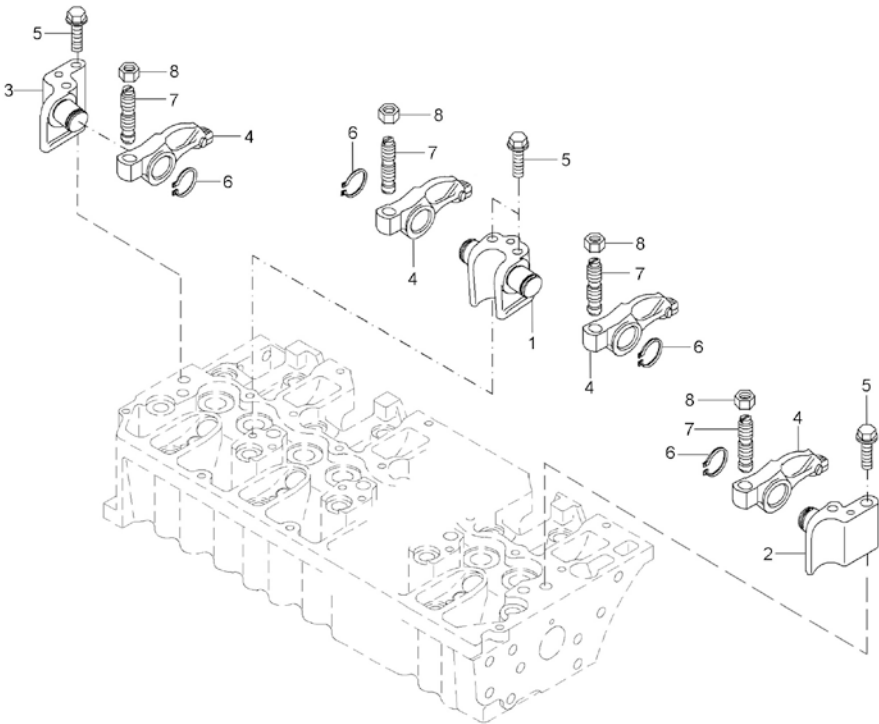


D_SD17_1_2			
Rocker Cover & Breather			
FIG.	REF.	QTY	DESCR.
1	19421009	1	Valve MECHAN.Cover
1A	19421011	1	Cap
2	19421010	1	Gasket
3	19421003	1	FILLER Cap
4	19421012	9	HEXAGON Bolt
5	19421051	1	Pressure REGULATO
5A	19421052	1	Gasket
6	19421054	1	Rubber SLEEVE
7	19421053	2	HEXAGON Bolt
8	19421057.1	1	Hose DESAirA
9	19421056	3	Hose Clip

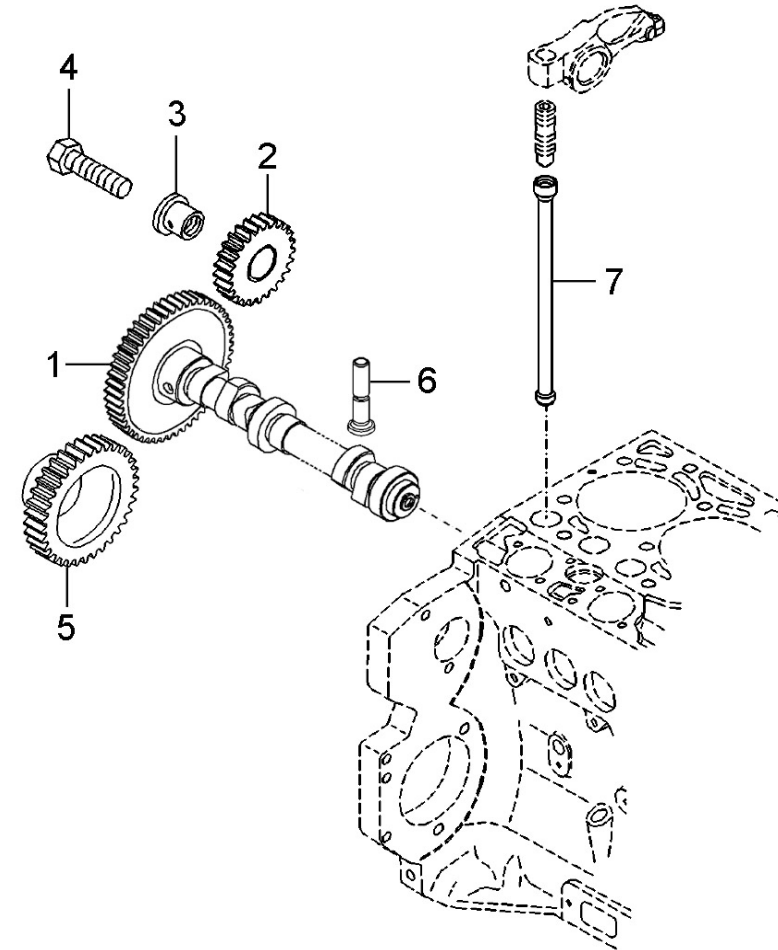




D_SD17_1_3			Valve Drive
FIG.	REF.	QTY	DESCR.
1	19422045	1	Rocker ARM Bracket
2	19422045.1	1	Rocker ARM Bracket
3	19422045.2	1	Rocker ARM Bracket
4	19422042	4	Rocker ARM
5	19422053	6	HEXAGON Bolt
6	19422047	4	CIRClip
7	19422044	4	Screw Adjusting
8	19422052	4	Nut

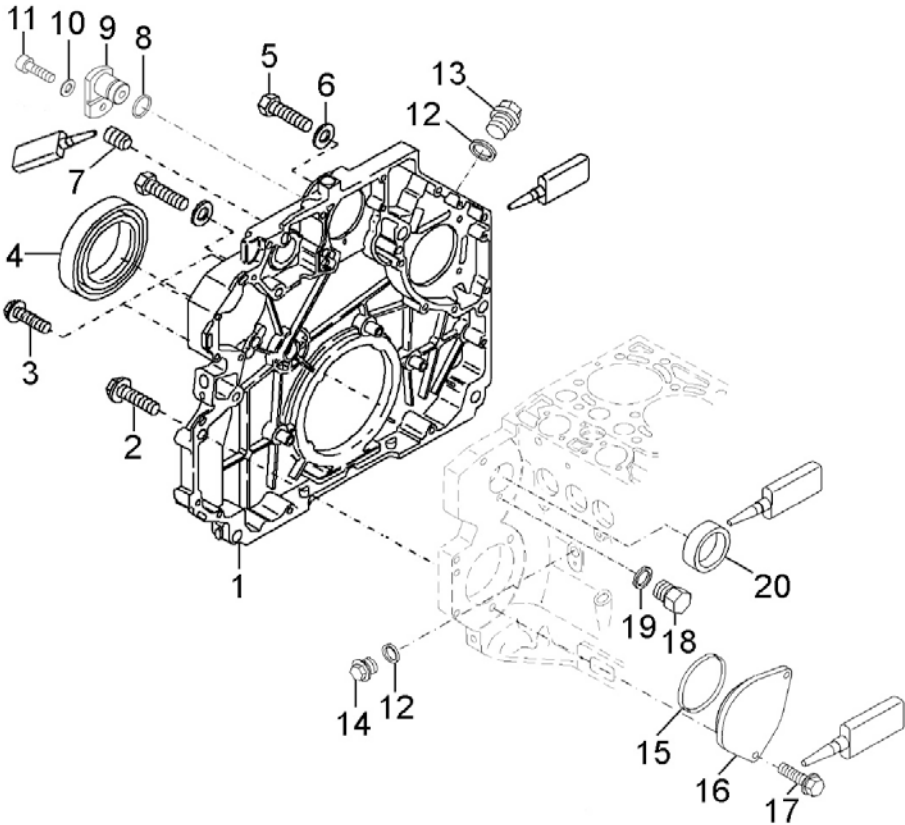


D_SD17_1_4			Timing Parts
FIG.	REF.	QTY	DESCR.
1	19422035	1	CamShaft
2	19422065	1	TOOTHED Gear
3	19422067	1	THREADED PIECE
4	19422066	1	HEXAGON Bolt
5	19421124	1	TOOTHED Gear
6	19422061	2	Tappet
7	19422041	2	PUSHROD





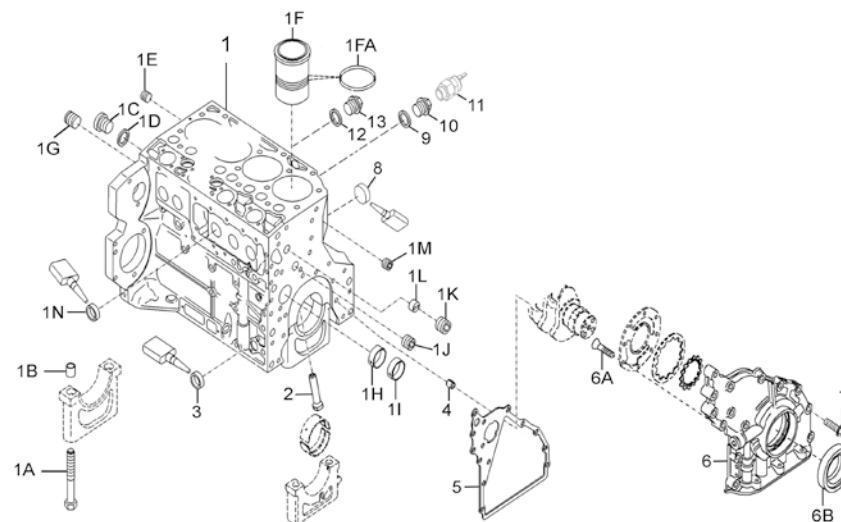
D_SD17_1_5			Gear Case	
FIG.	REF.	QTY	DESCR.	
1	19420055.1	1	GearCase	
2	19420027	12	Screw	
3	19421144	1	HEXAGON Bolt	
4	19420039.1	1	ROT.Shaft LIP Seal	
5	19420056.1	2	Screw	
6	19420057.1	2	Plain Washer	
7	19420058.1	1	Screw	
8	19420200	1	O-Ring	
9	19420188	1	Plug	
10	19420201	1	Plain Washer	
11	19420187	1	Bolt	
12	19421016	1	SeallNG Ring	
13	19421020	1	Screw Plug	
14	19420071	1	Screw Plug	
15	19420226	1	O-Ring D. 100X4	
16	19420225	1	Cover	
17	19420227	2	HEXAGON Bolt	
18	19421023	2	Screw Plug	
19	19424087	2	SeallNG Ring	
20	19421024	1	Core Hole Plug	
NS	19420013	1	SAFETY/LOCK.AGENT [NS]	
NS	19420152	1	SAFETY/LOCK.AGENT [NS]	



[NS] Not shown



D_SD17_1_6			Crankcase
FIG.	REF.	QTY	DESCR.
1	19420001	1	CRANKCase
1A	19420061	10	Screw
1B	19420062	10	Bush
1C	19420063	2	Screw Plug
1D	19420064	4	SeallNG Ring
1F	19420050	4	Cylinder LINER
1FA	19420074	8	O-Ring D. 115X3
1G	19420073.1	1	Screw Plug
1H	19420069	1	Bearing Bush
1I	19420068	4	Bearing Bush
1J	19420066	1	Screw Plug
1K	19420065	1	Screw Plug
1L	19420072	1	Guide SLEEVE
1M	19420067	2	Screw Plug
1N	19420070.1	6	CORE Hole Plug
2	19420034	4	Piston COOL.Nozzle
3	19420011	1	Plug
4	19420028	1	ClampING Bush
5	19420026.1	1	Gasket
6	19420025	1	Front Cover
6A	19420009	8	Screw
6B	19420008	1	ROT.Shaft LIP Seal
7	19420027	14	Screw
8	19420180	1	CORE Hole Plug
9	56000069	1	Washer 14-20-1,5
10	19417001	1	Plug
11	60900076	1	Switch, oil press
12	19420064	1	SeallNG Ring
13	19420071	1	Screw Plug
NS	19420013	1	SAFETY/LOCK.AGENT [NS]

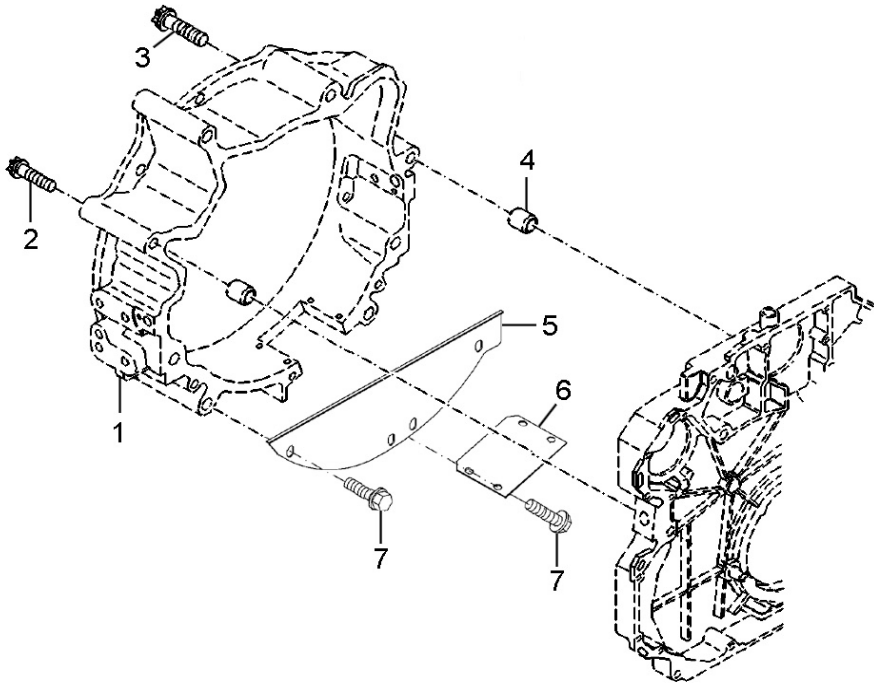


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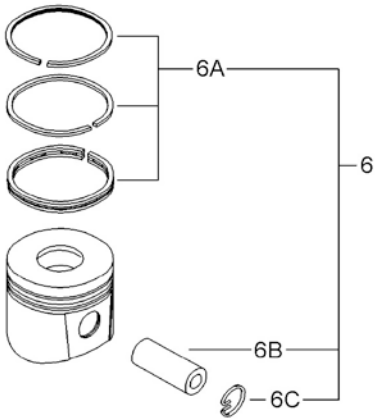
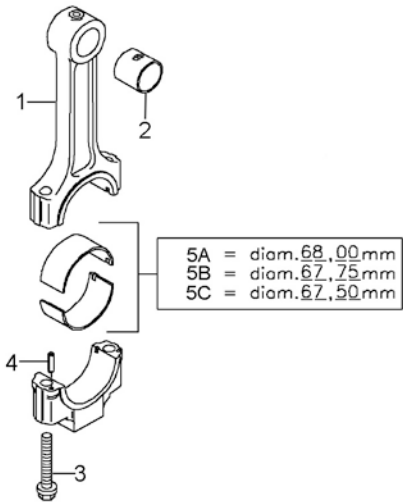


D_SD17_1_7			Flywheel Housing
FIG.	REF.	QTY	DESCR.
1	19420211	1	Connection Housing
2	19420203	2	Bolt
3	19420204	4	Bolt
4	19420210	2	Bush
5	19420213	1	Cover
6	19420205	1	Cover
7	19428054	7	Screw





D_SD17_1_8			Piston & Connectiong Rod
FIG.	REF.	QTY	DESCR.
1	19422012	4	Connecting Rod
2	19422033	4	BIG END Bush
3	19422013	8	Bolt,connecting rod
4	19422009	8	ClampING Bush
5A	19422014	4	BIG END Bearing
5B	19422015	0	BIG END Bearing [VAR]
5C	19422016	0	BIG END Bearing [VAR]
6	19522001.1	4	Piston
6A	19422011.1	4	Piston Pin
6B	19422010	8	CIRClip
6C	19422006	4	Set OF PIST. RingS

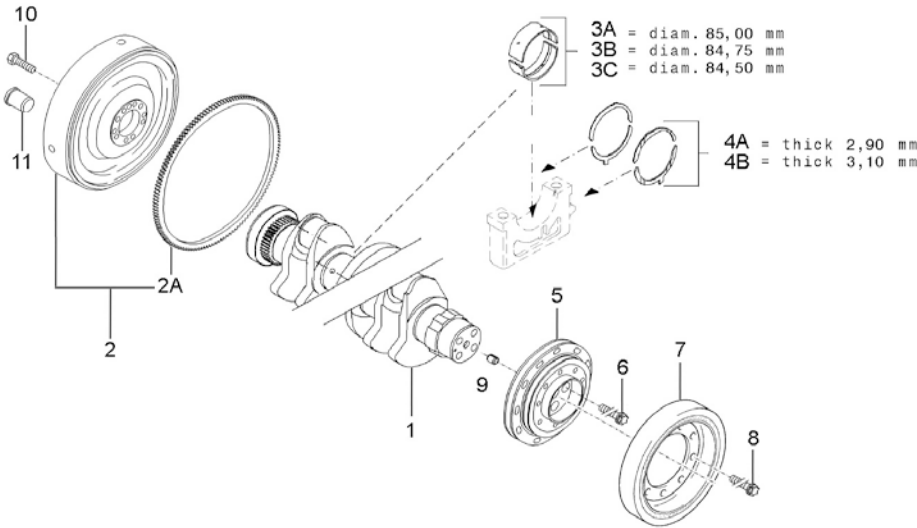


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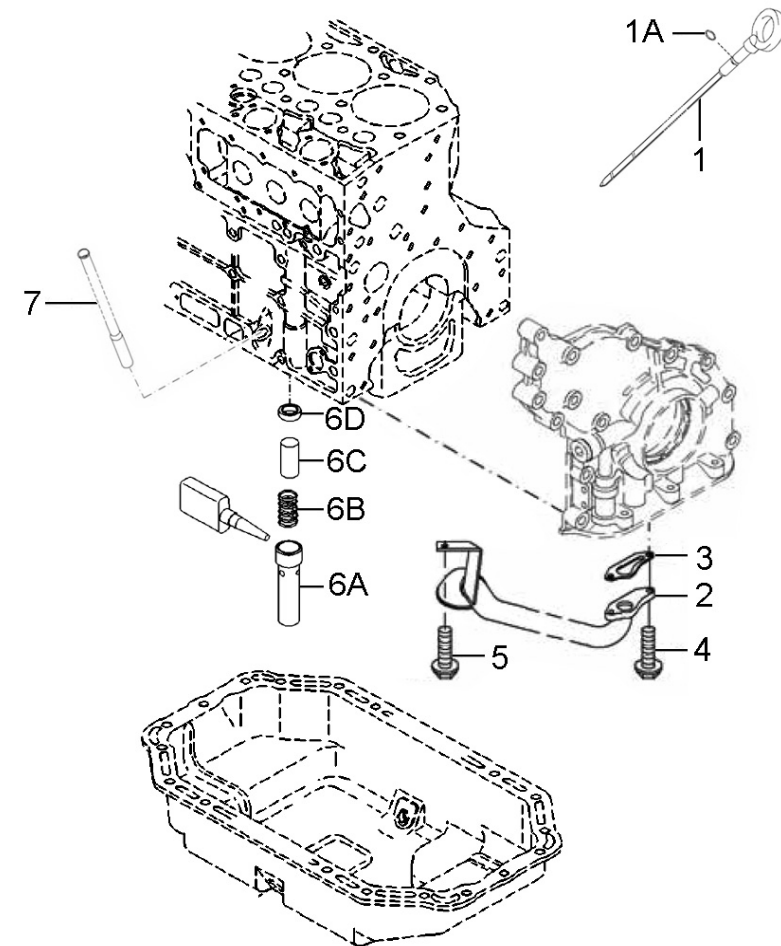




D_SD17_1_9			Crankshaft & Flywheel
FIG.	REF.	QTY	DESCR.
1A	19422018G	1	CrankShaft
1B	19422018	1	CrankShaft
2	19422027	1	Flywheel
2A	19422029	1	Gear RIM
3A	19420003	5	Bearing Set STD.
3B	19420004	1	Bearing Set + 0,25
3C	19420005	1	Bearing Set + 0,50
4A	19420109.1	1	THRUST Washer
4B	19420105.1	1	THRUST Washer
5	19422024.1	1	Pulley CrankShaft
6	19422026.1	4	HEXAGON Bolt
7	19422034	1	Damper
8	19420227	9	HEXAGON Bolt
9	19422036	1	ClampING Bush
10	19422031	10	HEXAGON Bolt
11	19422038	5	Plug

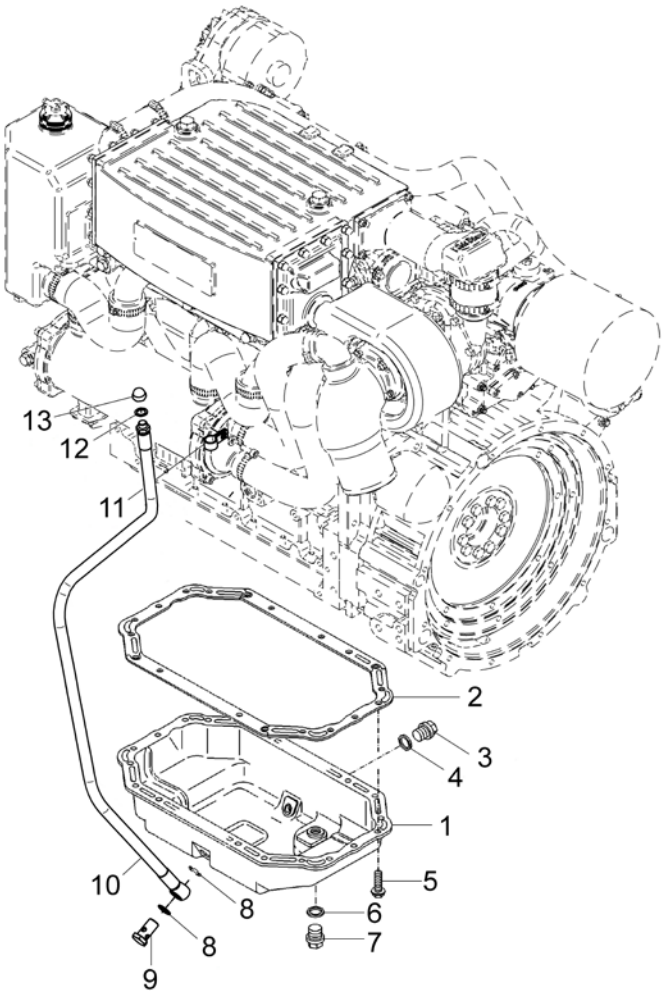


D_SD17_1_10			Oil Sysem
FIG.	REF.	QTY	DESCR.
1	19620029.1	1	Gauge Oil LEVEL
1A	19620029.2	1	O-Ring
2	19424052.1	1	Oil SUCTION Pipe
3	19424056.1	1	Gasket
4	19424006	2	HEXAGON Bolt
5	19420036	1	Screw
6	19420040	1	Valve Assy
6A	19420043	1	SLEEVE
6B	19420041	1	COMPRESSION Spring
6C	19420042	1	Valve Plunger
6D	19420044	1	Ring
7	19620027	1	GUIDE TUBE



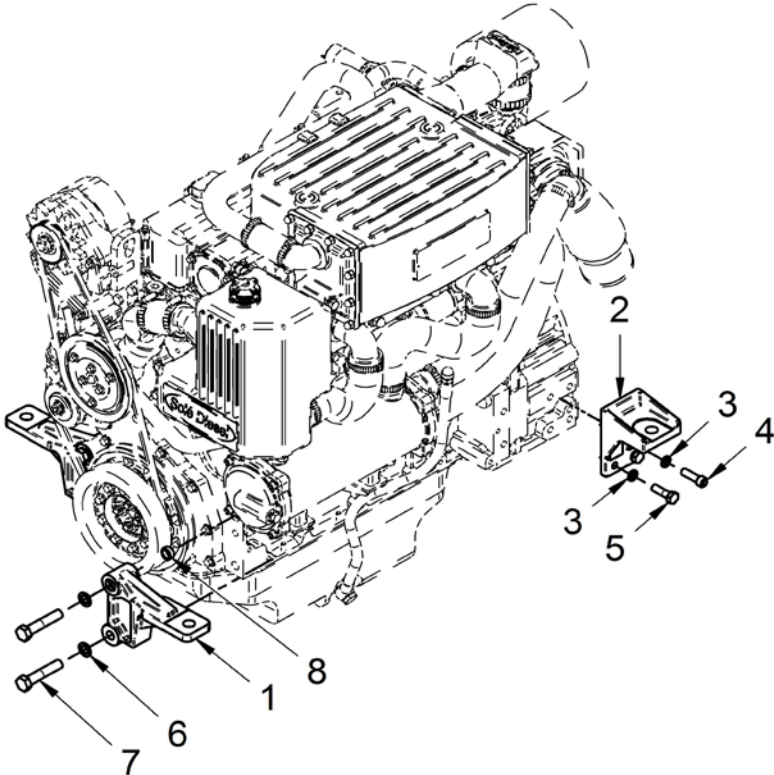


D_SD17_1_11			Oil Pan
FIG.	REF.	QTY	DESCR.
1	19420030.1	1	Oil PAN
2	19420033	1	Gasket
3	19420031.1	2	Screw Plug
4	19420032	2	Ring
5	19420036	26	Screw
6	19420037.1	1	SeallNG Ring
7	19420036.1	1	Screw Plug
8	56000077	2	Washer 18-23-1,5
9	16514022	1	Coupling,screw
10	19414021	1	Oil ExtraCTION Tube
11	18014022	1	Bracket,pipe
12	56000069	1	Washer 14-20-1,5
13	16514020	1	Plug



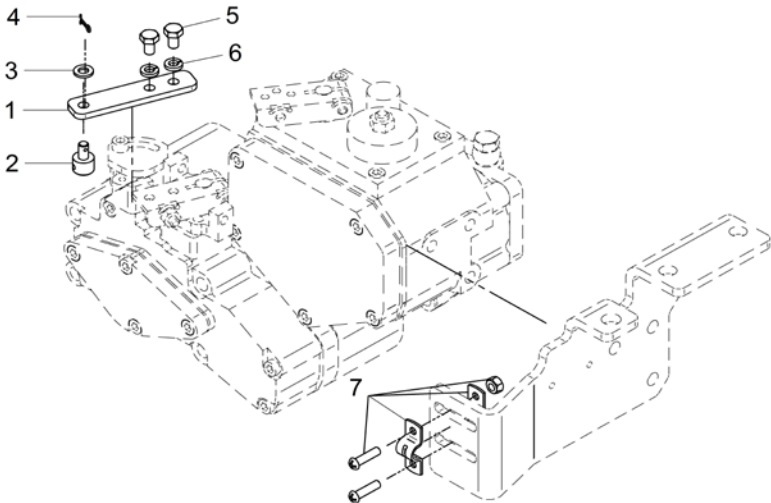


D_SD17_1_12			Engine Brackets
FIG.	REF.	QTY	DESCR.
1	19410001	2	Bracket,Front
2	19410002	2	Bracket,REAR
3	53033012	8	Washer GROWER DIN 127-12
4	53103361	4	Bolt DIN 912 M12-40 12.9
5	53101361	4	Bolt DIN 931 M12-40 12.9
6	53033016C	4	Washer
7	53101469	4	Bolt DIN 931 M16-80 12.9
8	19410004	2	Bushing

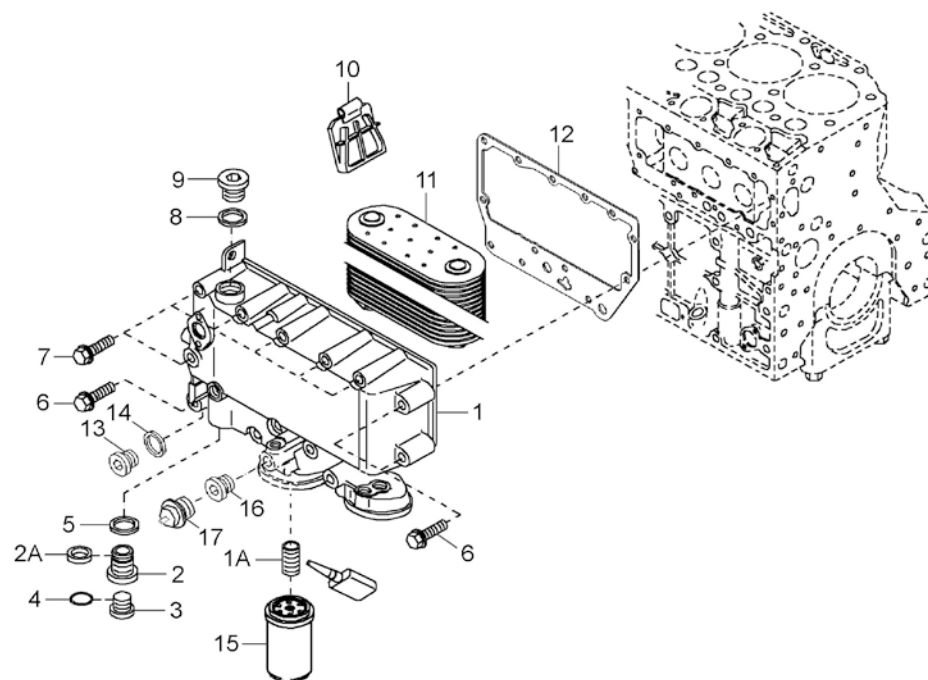




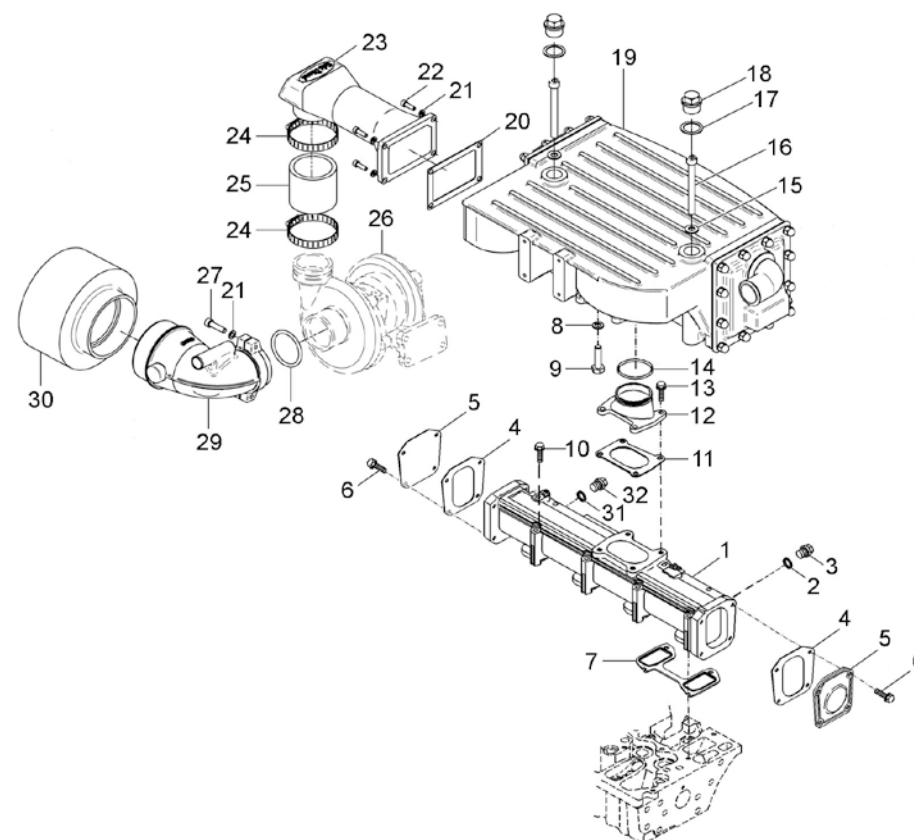
D_SD17_1_13			Bracket, Engine Control
FIG.	REF.	QTY	DESCR.
1	19419002	1	Lever Morse
2	14719115	1	Coupling,cable
3	51030006	1	Washer DIN 125-6
4	51051107	1	Pin DIN-94 1,6-16
5	52102154	2	Bolt DIN 933 M6-10 8.8
6	53033006	2	Washer GROWER DIN 127-6
7	24810913	1	Clamp,CABLE



D_SD17_1_14			Oil Cooler
FIG.	REF.	QTY	DESCR.
1	19422110.1	1	Oil Cooler Box
1A	19422114	1	Bush
2	19422111	2	COLLAR Screw
2A	19422115	2	Sealing Ring
3	19422112	2	Plug
4	19422113	2	O-Ring
5	19422118	2	Sealing Ring
6	19422120	3	HEXAGON Bolt
7	19422124	10	HEXAGON Bolt
8	19421019	1	Sealing Ring
9	19422119	1	Plug
10	19422116	1	CORE Hole Plug
11	19422117	1	Oil Cooler
12	19424084	1	Gasket
13	19424081	1	Screw Plug
14	19424082	1	Sealing Ring
15	19424051	1	Filter,Oil
16	19417001	1	Plug
17	60900985	1	Pressure Sensor



D_SD17_2_1			Inlet
FIG.	REF.	QTY	DESCR.
1	19421080	1	CHARGE Air Pipe
2	19421016	1	SeallNG Ring
3	19420063	1	Screw Plug
4	19421047	2	Gasket
5	19421045	2	Cover
6	19420036	8	Screw
7	19421063	2	Gasket
8	53033008	2	Washer GROWER DIN 127-8
9	52101311	2	Bolt DIN 931 M10-40 8.8
10	19421012	8	HEXAGON Bolt
11	19421034	1	Gasket
12	19410014	1	Adaptor
13A	52103157	4	Bolt DIN 912 M6-20 8.8
13B	51030006	4	Washer DIN 125-6
14	19421033	1	O-Ring D. 70X5 VITON
15	56000061	2	Washer 10-16-1,5
16	52103322	2	Bolt DIN 912 M10-95 8.8
17	56000093	2	Washer 26-34-1,5
18	51218759	2	Bolt DIN 910 M26X1.5
19	19410016B	1	Air Cooler, Assy
20	19410018	1	Gasket
21	53038008	6	Washer DIN 6798-A 8
22	52103257	4	Bolt DIN 912 M8-20 8.8
23	19410017	1	TURBOCHARGER, Adaptor
24	54082060	2	Clamp DIN 3017 60-80/12 W4
25	19410030	1	Hose
26	D_SD17_2_3	1	Spare Parts, Turbocharger [NP]
27	52103259	2	Bolt DIN 912 M8-30 8.8
28	19410023	1	O-Ring D. 58X5 VITON
29	19410015	1	Bracket, Air Filter
30	19410013	1	Air Filter
31	19421016	1	SeallNG Ring
32	19421020	1	Screw Plug
NS	17111060	1	Plate "SOLE Diesel" [NS]
NS	17111062	2	Bolt [NS]



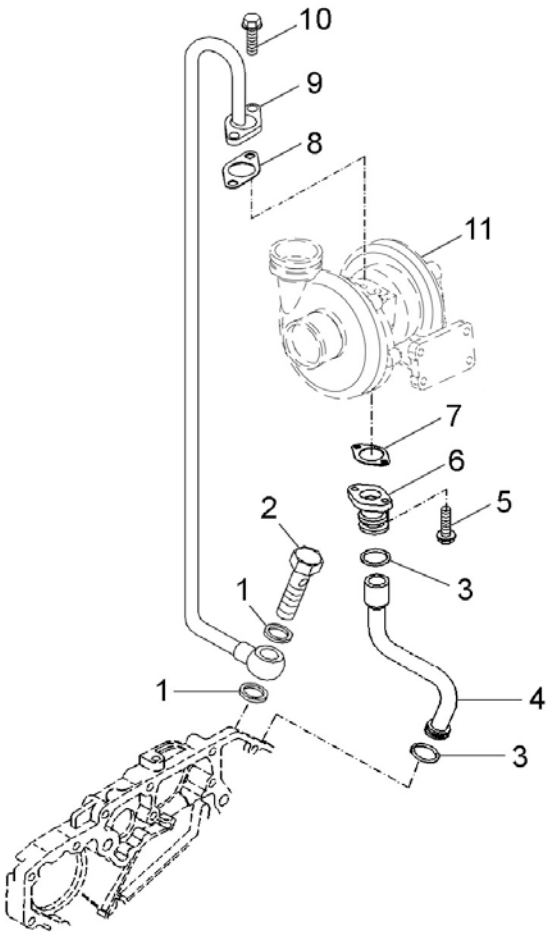
[NP] Not provided

[NS] Not shown





D_SD17_2_2			Turbocharger
FIG.	REF.	QTY	DESCR.
1	19421016	2	SeallNG Ring
2	19424066	1	Screw
3	19428063	2	SeallNG Ring
4	19428010	1	Retur Line
5	19420163	2	Screw
6	19428011	1	Plug-in Flange
7	19428062	1	Gasket
8	19428041	1	Gasket
9	19424090G	1	LUBRICAT.Oil LINE
10	19420163	2	Screw
11	D_SD17_2_3	1	Spare Parts, Turbocharger [NP]

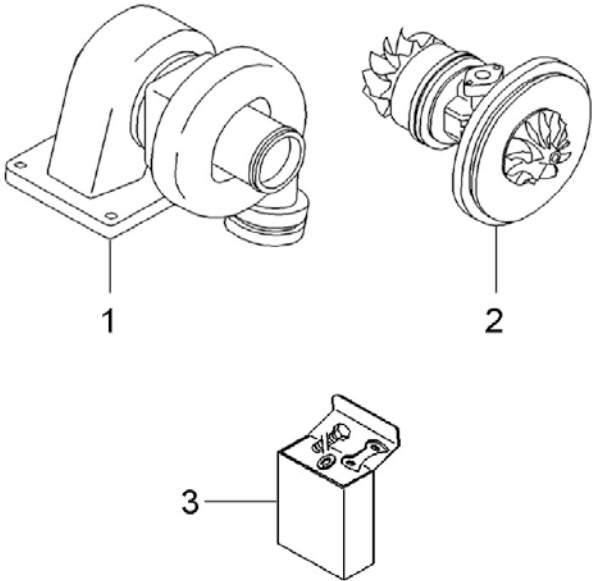


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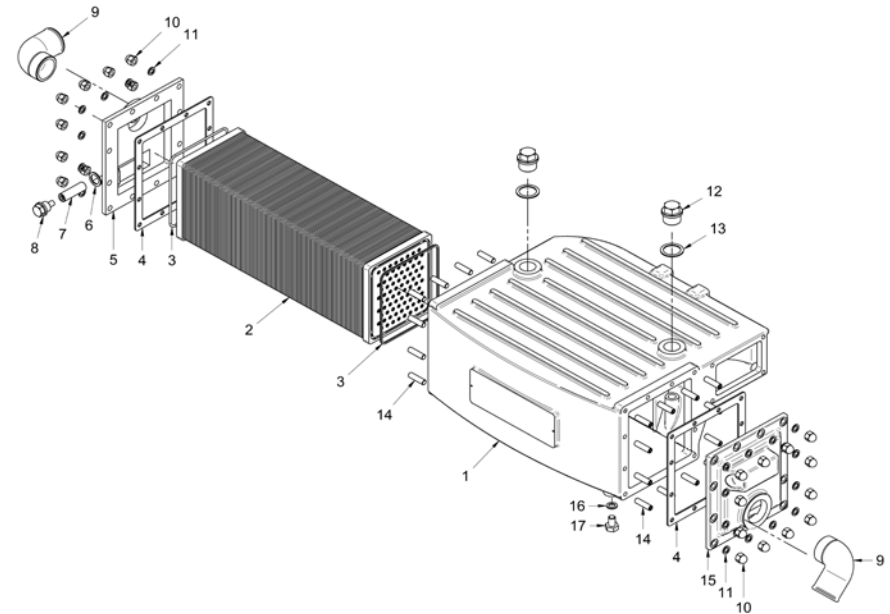




D_SD17_2_3			Spare Parts, Turbocharger
FIG.	REF.	QTY	DESCR.
1	19428012.1	1	TURBOCHARGER
2	19428012.1A	1	CORE Assembly, TURBO
3	19428012K	1	REPAir Kit, TURBO



19410016B Air Cooler, Assy			
FIG.	REF.	QTY	DESCR.
	19410016.10BT	1	----- [NP]
2	19410016.40	1	Heat EXCHANGE INTERCooler
3	19410016.12	2	O-Ring INTERCooler
4	19410016.7B	2	Gasket
5	19410016.8	1	Cover, With MARK TO INSTALL Anode
6	56000073	1	Washer 16-23-1,5
7	18011031	1	Anode
8	18011009	1	Plug
9	16511009	2	Elbow
10	55122008	24	Nut DIN 1587 M8
11	56000057	24	Washer 8-13-1,5
12	51218759	2	Bolt DIN 910 M26X1.5
13	56000093	2	Washer 26-34-1,5
14	52111259	24	ROD DIN 913 M8-30 8.8
15	19410016.9	1	Cover
16	56000061	1	Washer 10-16-1,5
17	52102306	1	Bolt DIN 933 M10-15 8.8

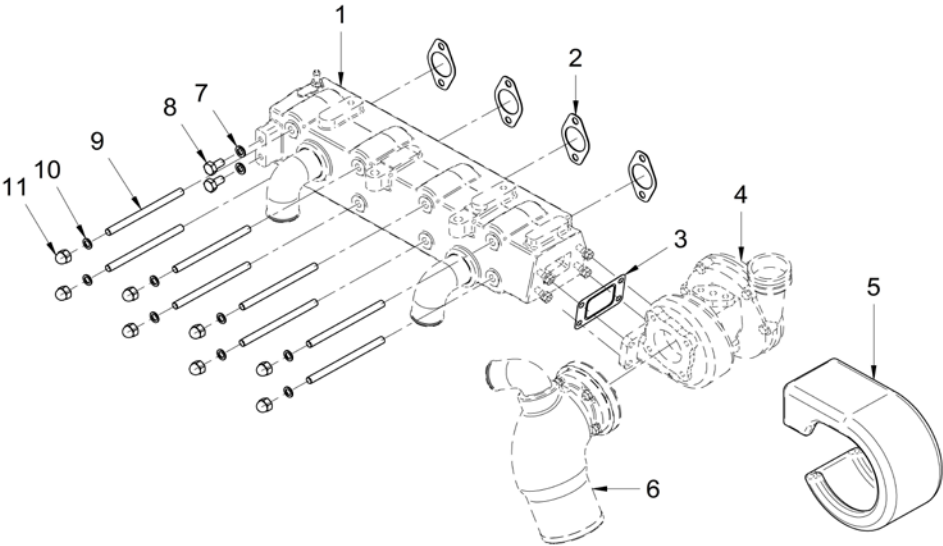


[NP] Not provided





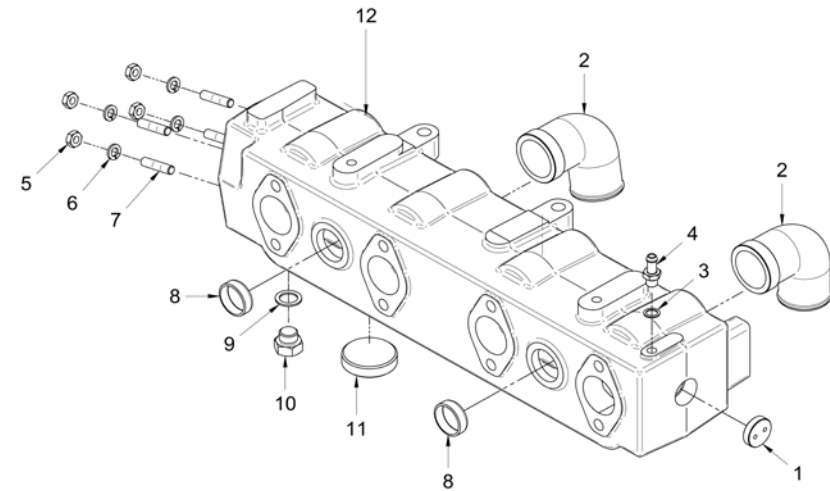
D_SD17_2_4			Exhaust Manifold
FIG.	REF.	QTY	DESCR.
1	19413000	1	MANIFOLD, Assy
2	19421181.2	4	Gasket
3	19421183.1	1	Gasket
4	D_SD17_2_3	1	Spare Parts, Turbocharger [NP]
5	19418010	1	Termic, Bucklers
6	D_SD17_3_3	1	Wet Exhaust [NP]
7	53033010	2	Washer GROWER DIN 127-10
8	52102307	2	Bolt DIN 933 M10-20 8.8
9	19413002	8	Stud
10	56000061	8	Washer 10-16-1,5
11	13511013	8	Nut DIN 1587 M10



[NP] Not provided

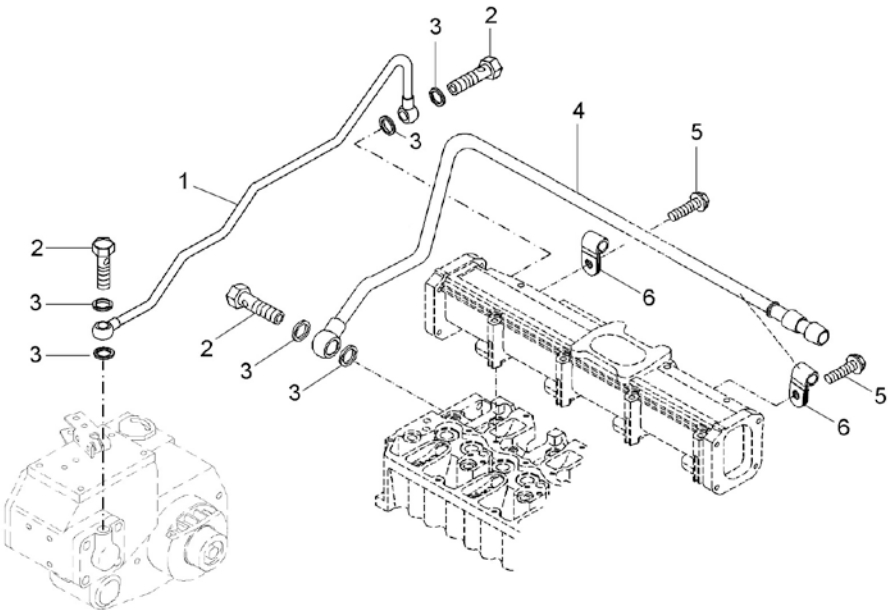


19413000			MANIFOld,Assy
FIG.	REF.	QTY	DESCR.
1	12113092	1	Plug
2	19111015	2	BEND 1 1/2"
3	56000011	1	Washer
4	13814072	1	NIPPLE EYE
5	52120008	4	Nut DIN 934 M8 8.8
6	53033008	4	Washer GROWER DIN 127-8
7	19411028	4	Stud
8	19411035	2	Plug
9	56000073	1	Washer 16-23-1,5
10	12111076	1	Plug
11	19011019	1	Plug

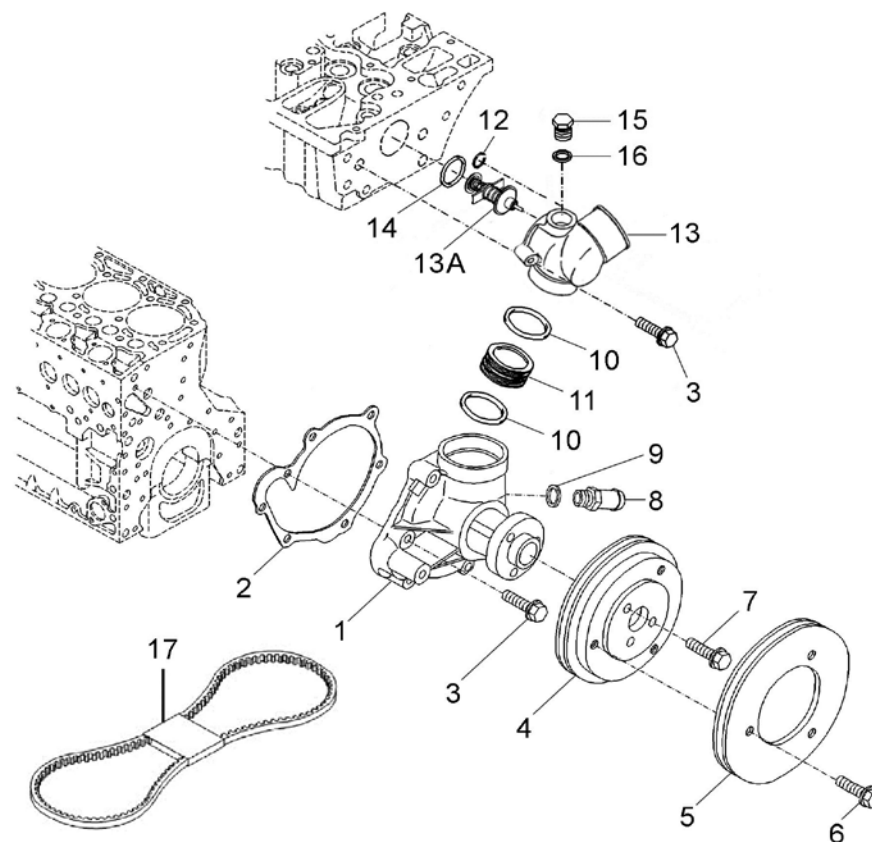




D_SD17_2_5			Breather Line
FIG.	REF.	QTY	DESCR.
1	19421090.1	1	Inlet MANIFOLD
2	19421091	3	Screw
3	19424087	6	SeallNG Ring
4	19421092	1	Breather Line
5	19428054	2	Screw
6	19428055	2	Pipe Clamp



D_SD17_3_1			Water Pump
FIG.	REF.	QTY	DESCR.
1	19521041	1	Coolant Pump
2	19421040	1	FLAT Gasket
3	19420027	9	Screw
4	19421086.1	1	Pulley
5	19421087.1	1	Pulley
6	19421088	3	Screw
7	19420036	3	Screw
8	19421089	1	Hose Connector
9	19424064	1	Sealing Ring
10	19421044	2	O-Ring
11	19421042	1	Plug
12	19420151	1	O-Ring
13	19521027.1C	1	Thermostat
13A	19521027.1	1	Thermostat
14	19420150	1	O-Ring
15	19420165	1	VENT Plug
16	19424087	1	Sealing Ring
17	17117020	1	Belt Type SPAX 1060



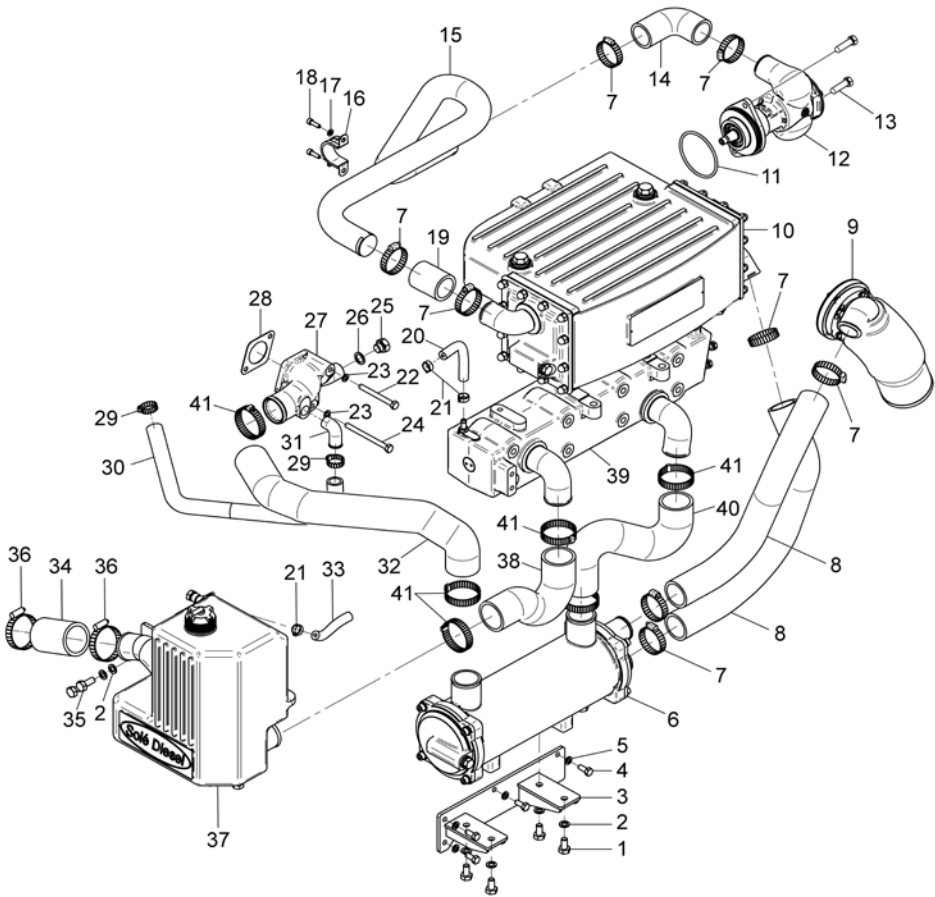
This exploded view diagram illustrates the assembly of a Sole Diesel engine. The central component is the engine block (10), which features a cooling fan on top. Various hoses and pipes are connected to the engine, including a large intake hose (8) and a water pump hose (9). The diagram shows the following components and their assembly relationships:

- Engine Block (10):** The main central component.
- Water Pump (12):** Located at the top right, connected to the engine block via a hose (9) and secured with a nut (13) and washer (11).
- Intake System:** Includes a large intake hose (8) connected to the engine block via a flange (6) and secured with a nut (7). A smaller intake hose (15) is also shown.
- Exhaust System:** Includes an exhaust manifold (37) connected to the engine block via a flange (6) and secured with a nut (7). A smaller exhaust hose (30) is also shown.
- Accessories:** Includes a cooling fan (19) mounted on top of the engine block, a water pump (12) mounted on the side, and a fuel pump (13) mounted on the side.
- Fasteners:** Various nuts (7), washers (11), and bolts (1, 2, 3, 4, 5) are used to secure the components.

The diagram uses dashed lines to indicate the assembly sequence and the location of each component relative to the engine block.

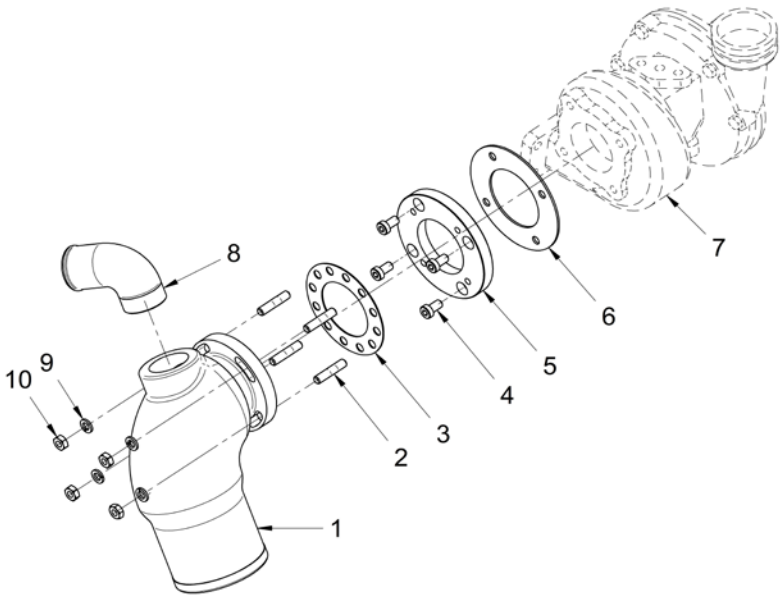


D_SD17_3_2			Cooler Pipes
FIG.	REF.	QTY	DESCR.
35	52102308	2	Bolt DIN 933 M10-25 8.8
36	54082050	2	Clamp DIN 3017 50-70/12 W4
37	19411009	1	Expansion Tank
38	19411019	1	Hose
39	19413000	1	MANIFOLD Assy
40	19411021	1	Hose
41	54082040	6	Clamp DIN 3017 40-60/12 W4





D_SD17_3_3			Wet Exhaust
FIG.	REF.	QTY	DESCR.
1	19413016	1	Elbow, WET Exhaust
2	13311006	4	Stud,cover
3	16513016	1	Exhaust Elbow Gasket
4	52103256	4	Bolt DIN 912 M8-15 8.8
5	19413014	1	Adaptor
6	19413013	1	Gasket
7	D_SD17_2_3	1	Spare Parts, Turbocharger [NP]
8	16511009	1	Elbow
9	53033008	4	Washer GROWER DIN 127-8
10	52120008	4	Nut DIN 934 M8 8.8

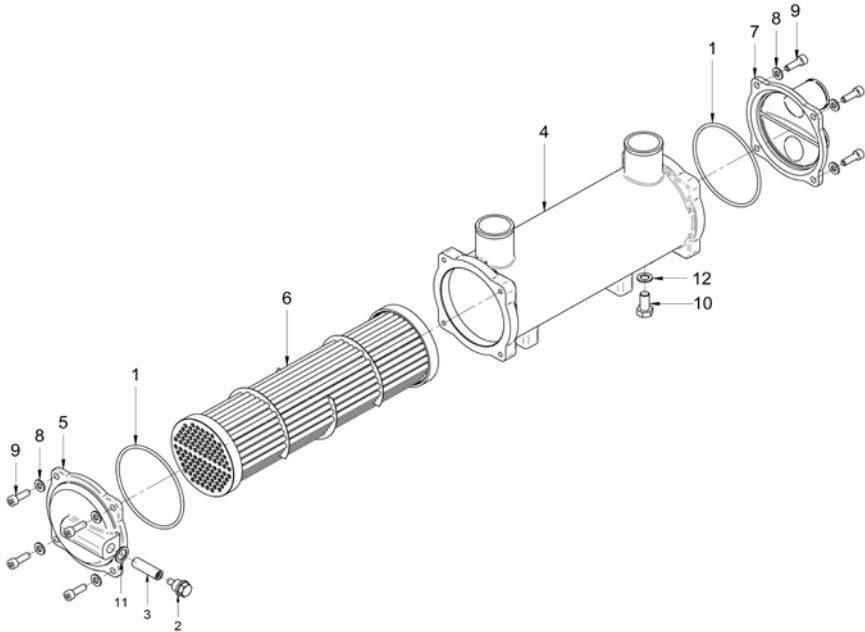


[NP] Not provided

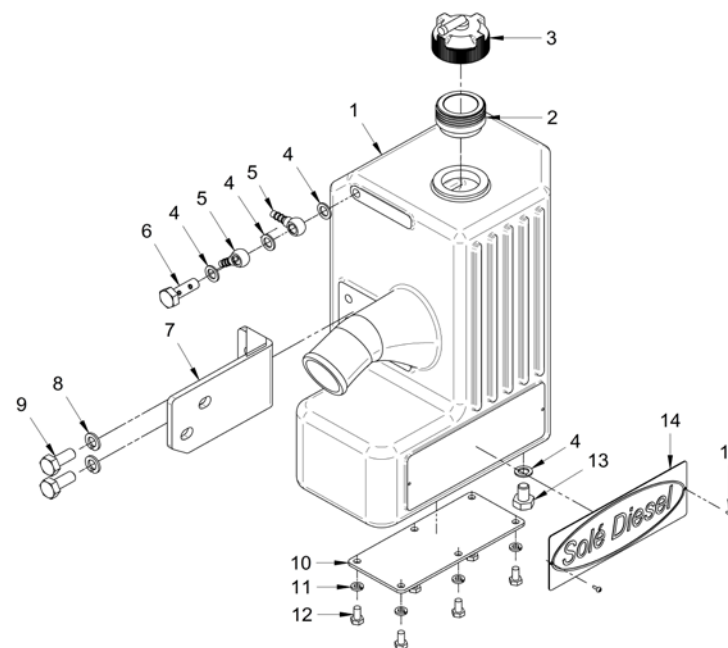




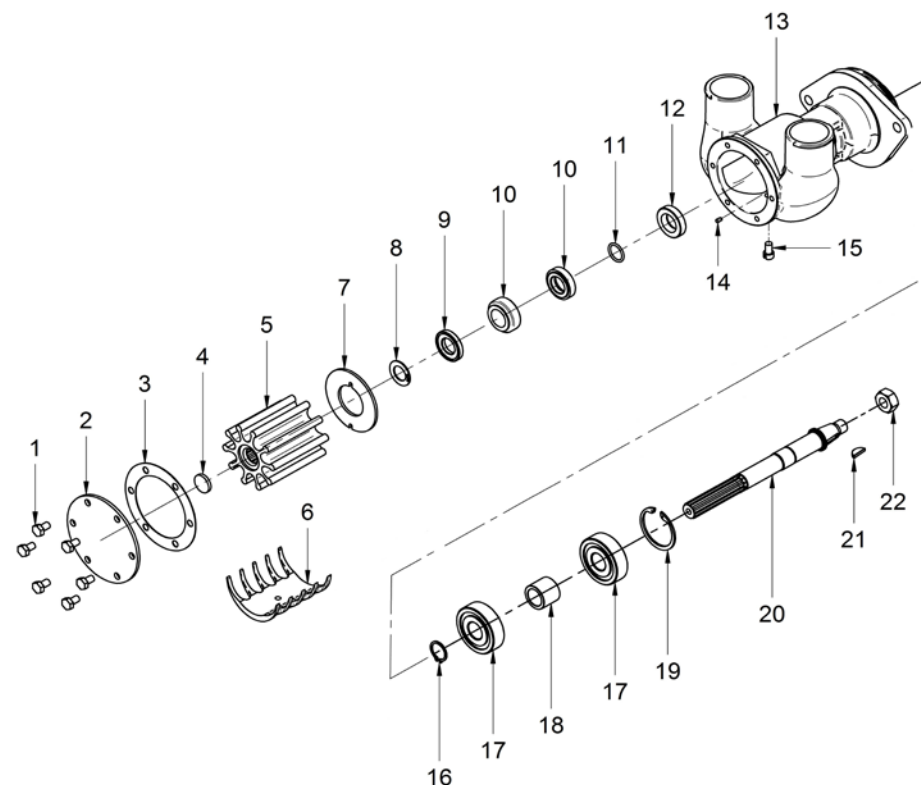
19411000 Cooler,Assy Water			
FIG.	REF.	QTY	DESCR.
1	16711007	2	O-Ring D. 116X4
2	18011009	1	Plug
3	18011031	1	Anode
4	19411001	1	Body Cooler
5	19411003	1	Cover, water cooler
6	19411004	1	Heat EXCHANGE
7	19411006	1	Cover, water cooler (2)
8	51030008	8	Washer DIN 125-8
9A	52103257	7	Bolt DIN 912 M8-20 8.8
9B	52103258	1	Bolt DIN 912 M8-25 8.8
10	54102356	1	Bolt DIN 933 M12-16 INOX.
11	56000073	1	Washer 16-23-1,5
12	56000115	1	Washer 12-20-2



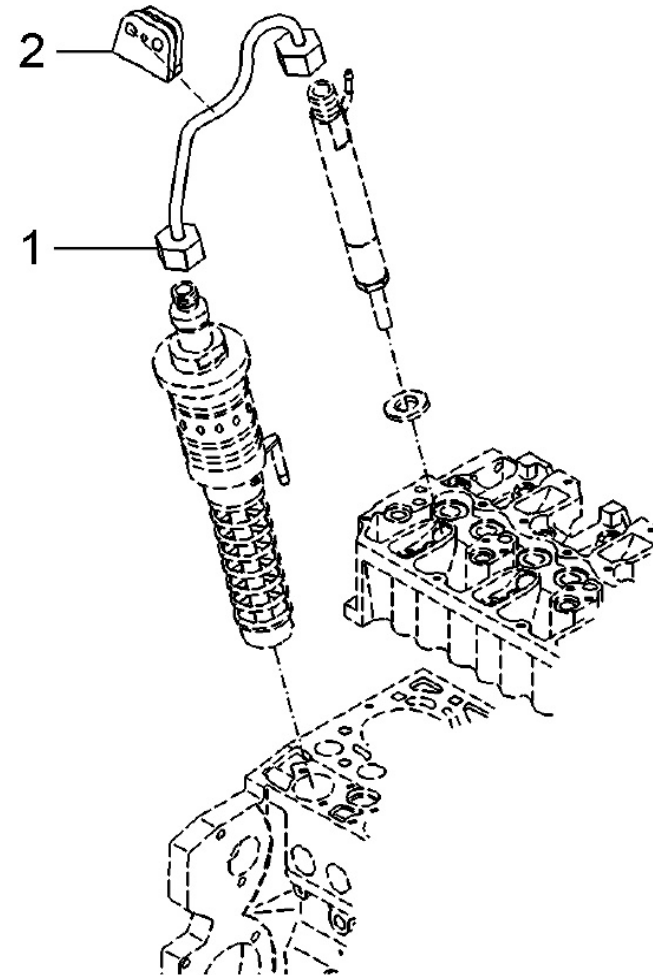
19411009 Expansion Tank			
FIG.	REF.	QTY	DESCR.
1	19411009.1	1	Expansion Tank, Body
2	17411004	1	Adapter, MTA Cap
3	13811010	1	Cap
4	56000061	4	Washer 10-16-1,5
5	17614016	2	COLLAR,Union
6	19411040	1	1/8" GAS HOLLOW Screw
7	19411009.2	1	Bracket
8A	51030010	2	Washer DIN 125-10
8B	53033010	2	Washer GROWER DIN 127-10
9	52102307	2	Bolt DIN 933 M10-20 8.8
10	18211002	1	Cover
11	53033006	6	Washer GROWER DIN 127-6
12	52102155	6	Bolt DIN 933 M6-12 8.8
13	52102306	1	Bolt DIN 933 M10-15 8.8



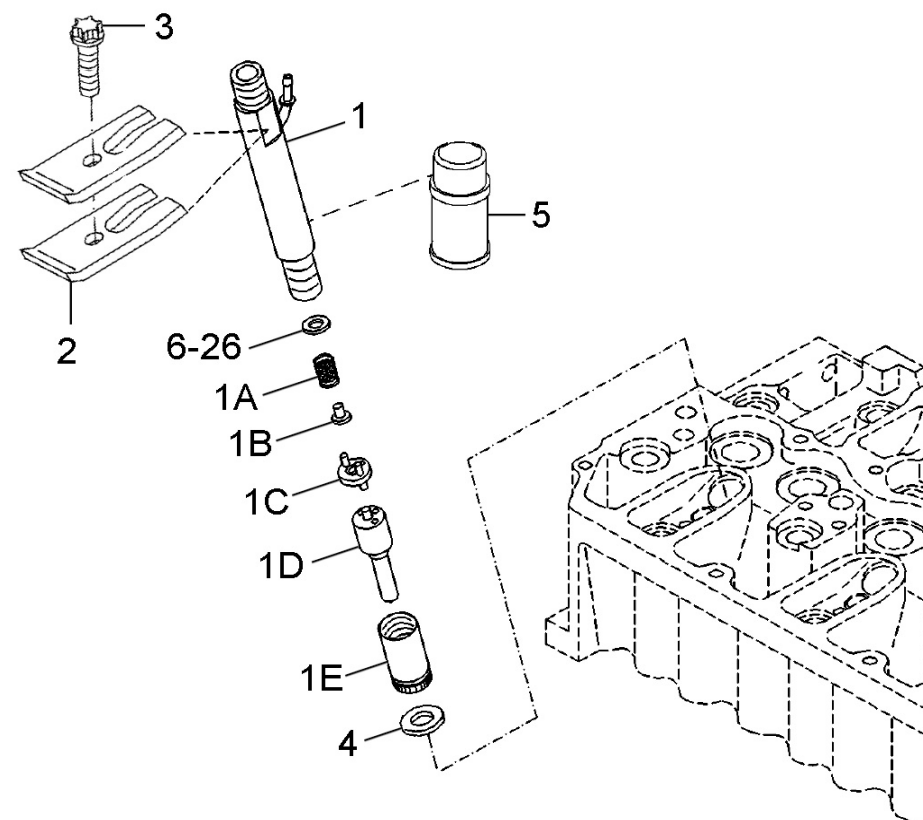
39411000		D.42 Water Pump Set	
FIG.	REF.	QTY	DESCR.
1	54102154	6	Bolt DIN 933 M6-10 INOX
2	34711002	1	Cover Pump
3	34711003	1	Gasket Cover
4	34711041	1	Plug, impeller
5	39411008	1	1" L.68 Impeller
6	39411005	1	Pump Cam
7	34711026	1	Plate,Friction
8	54040016	1	CIRClip E-16
9	36511018	1	Washer,seal
10	36511019	1	Seal
11	33311013	1	O-Ring D. 15X2
12	36511020	1	Seal 16-30-7
13	39411001	1	Body,Water Pump
14	36511017	1	Pin,Dowel
15	54108154	1	Bolt DIN 84 M6-10
16	53040017	1	CIRClip DIN 471 E-17
17	39411014	2	Ball Bearing 6303-2RS
18	39411015	1	SELFOil D. 16X24X20
19	53041047	1	CIRClip DIN 472 I-47
20	39411010	1	Shaft
21	35111035	1	KEY DIN 6888 3-6,5-16 INOX
22	54121012	1	Nut DIN 439 M12



D_SD17_4_1			Fuel Pipe
FIG.	REF.	QTY	DESCR.
1	19424052	4	Pipe Injection
2	19421018	4	Rubber Seal



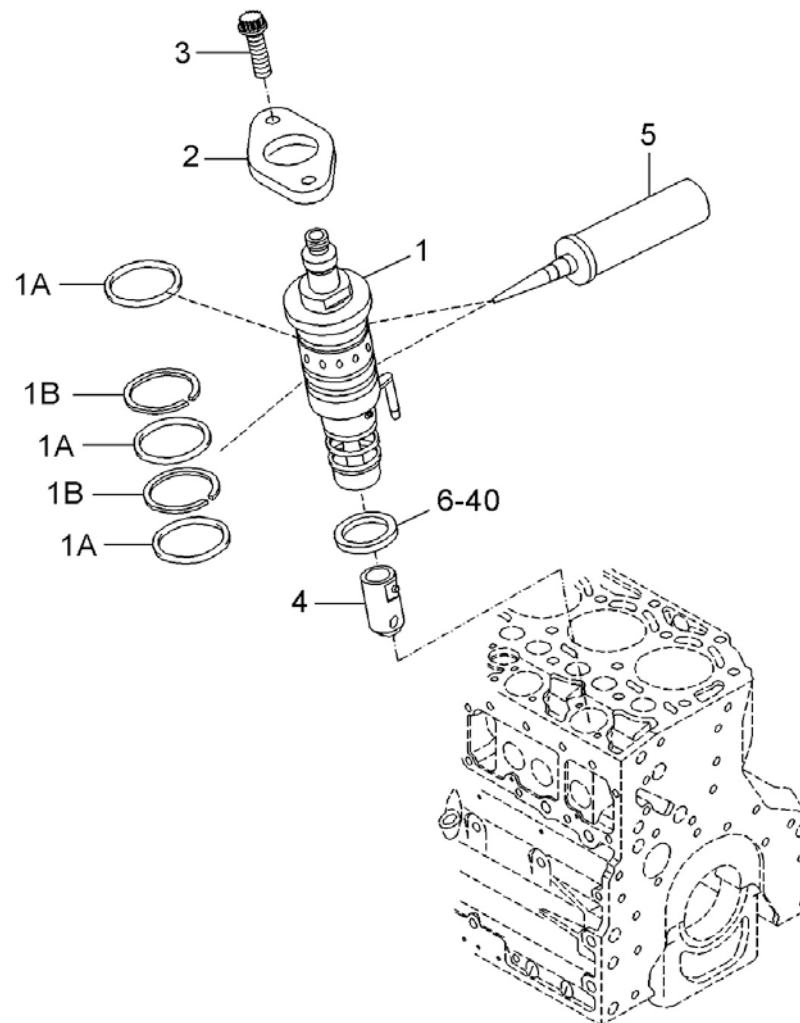
D_SD17_4_2			Injection Nozzle
FIG.	REF.	QTY	DESCR.
1	19426001.1	4	Fuel Injector
1A	19426004.1	1	COMPRESSION Spring
1B	19426003.1	1	THRUST Bolt
1C	19426008.1	1	Spacer
1D	19426018.1	1	Nozzle Element
1E	19426006.1	1	Clamping Nut
2	19426010	8	Flange
3	19426011	4	Bolt
4	19426012	4	Sealing Ring
5	19426013	1	ANTI-RUST AGENT
6	19426010.1	0	Washer 1,00 [VAR]
7	19426019.1	0	Washer 1,06 [VAR]
8	19426020.1	0	Washer 1,10 [VAR]
9	19426021.1	0	Washer 1,15 [VAR]
10	19426022.1	0	Washer 1,20 [VAR]
11	19426023.1	0	Washer 1,25 [VAR]
12	19426024.1	0	Washer 1,30 [VAR]
13	19426025.1	0	Washer 1,35 [VAR]
14	19426026.1	0	Washer 1,40 [VAR]
15	19426027.1	0	Washer 1,45 [VAR]
16	19426028.1	0	Washer 1,50 [VAR]
17	19426029.1	0	Washer 1,55 [VAR]
18	19426030.1	0	Washer 1,60 [VAR]
19	19426031.1	0	Washer 1,65 [VAR]
20	19426032.1	0	Washer 1,70 [VAR]
21	19426033.1	0	Washer 1,75 [VAR]
22	19426034.1	0	Washer 1,80 [VAR]
23	19426035.1	0	Washer 1,85 [VAR]
24	19426036.1	0	Washer 1,90 [VAR]
25	19426037.1	0	Washer 1,95 [VAR]
26	19426038.1	0	Washer 2,00 [VAR]



[VAR] Variable according to repair



D_SD17_4_3		Fuel Injection Pump	
FIG.	REF.	QTY	DESCR.
1	19425001	1	Pump Assy,Fuel Injection
1A	19425002	3	O-Ring D. 40X3,5
1B	19425003	2	Shim
2	19420110	1	Flange
3	19420111	2	COLLAR Screw
4	19420090	1	Roller Tappet
5	19420113	1	LUBRICANT
6	19420112	0	Washer 1,0mm [VAR]
7	19420114	0	Washer 1,1mm [VAR]
8	19420115	0	Washer 1,2mm [VAR]
9	19420116	0	Washer 1,3mm [VAR]
10	19420117	0	Washer 1,4mm [VAR]
11	19420118	0	Washer 1,5mm [VAR]
12	19420119	0	Washer 1,6mm [VAR]
13	19420120	0	Washer 1,7mm [VAR]
14	19420121	0	Washer 1,8mm [VAR]
15	19420122	0	Washer 1,9mm [VAR]
16	19420123	0	Washer 2,0mm [VAR]
17	19420124	0	Washer 2,1mm [VAR]
18	19420125	0	Washer 2,2mm [VAR]
19	19420126	0	Washer 2,3mm [VAR]
20	19420127	0	Washer 2,4mm [VAR]
21	19420128	0	Washer 2,5mm [VAR]
22	19420129	0	Washer 2,6mm [VAR]
23	19420130	0	Washer 2,7mm [VAR]
24	19420131	0	Washer 2,8mm [VAR]
25	19420132	0	Washer 2,9mm [VAR]
26	19420133	0	Washer 3,0mm [VAR]
27	19420134	0	Washer 3,1mm [VAR]
28	19420135	0	Washer 3,2mm [VAR]
29	19420136	0	Washer 3,3mm [VAR]
30	19420137	0	Washer 3,4mm [VAR]
31	19420138	0	Washer 3,5mm [VAR]
32	19420139	0	Washer 3,6mm [VAR]
33	19420140	0	Washer 3,7mm [VAR]

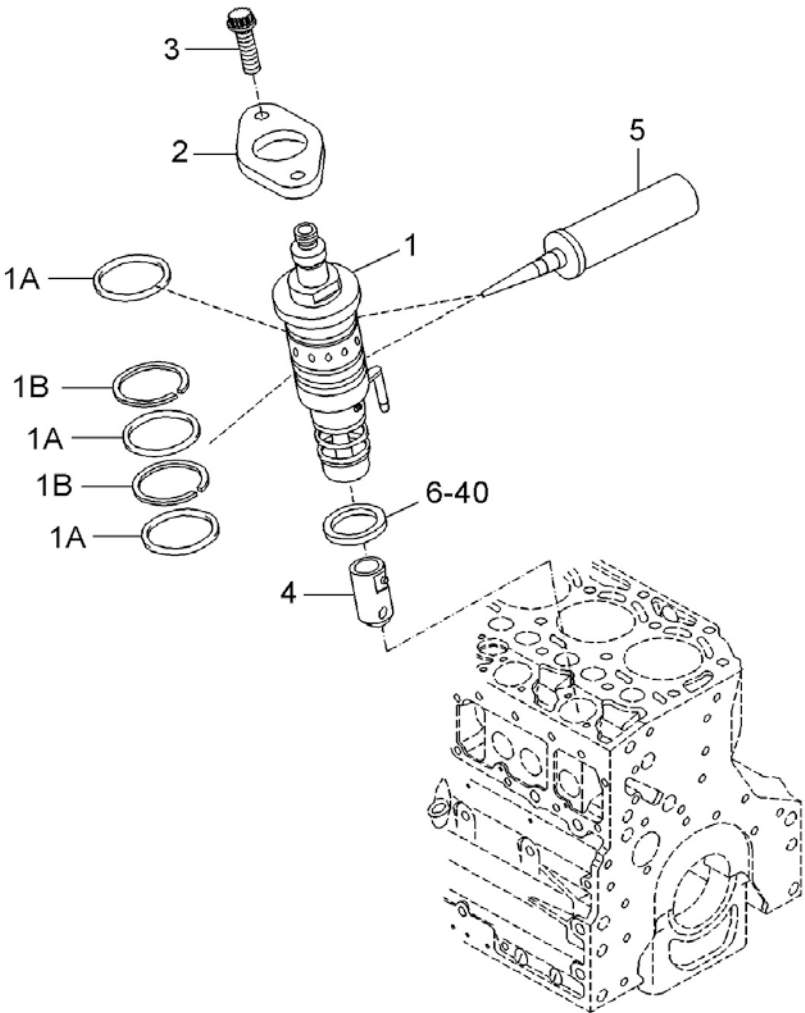


[VAR] Variable according to repair

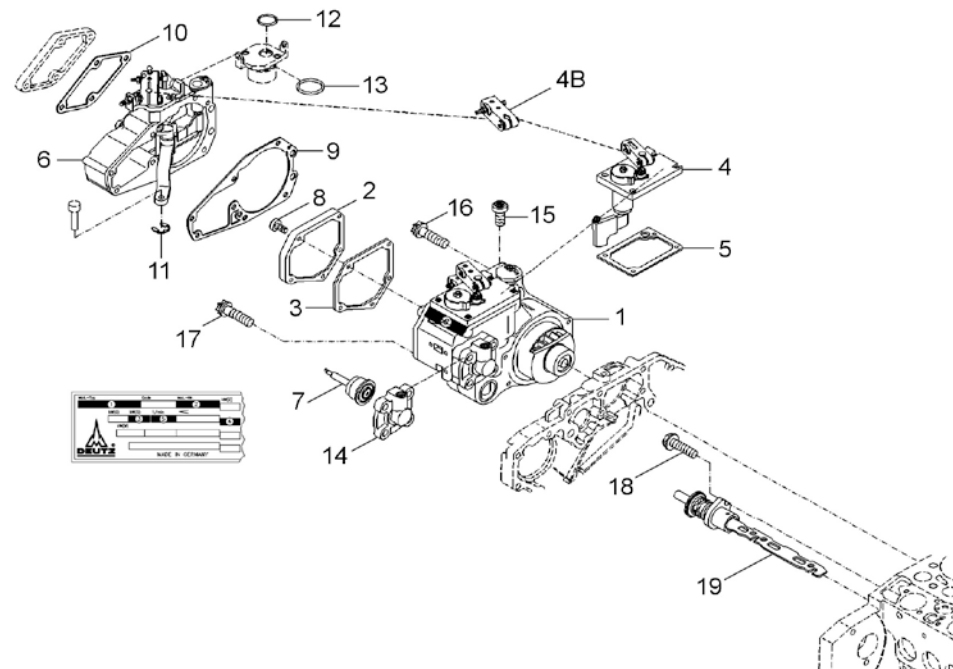




D_SD17_4_3			Fuel Injection Pump
FIG.	REF.	QTY	DESCR.
34	19420141	0	Washer 3,8mm [VAR]
35	19420142	0	Washer 3,9mm [VAR]
36	19420143	0	Washer 4,0mm [VAR]
37	19420144	0	Washer 4,1mm [VAR]
38	19420145	0	Washer 4,2mm [VAR]
39	19420146	0	Washer 4,3mm [VAR]
40	19420147	0	Washer 4,4mm [VAR]



D_SD17_4_4			Governor Parts
FIG.	REF.	QTY	DESCR.
1	19423000.1	1	Controller
2	19423001	1	HOOD
3	19423002	1	Gasket
4	19423003	1	GOverNOR Cover
4B	19423006	2	Lever/ARM
5	19423004	1	Gasket
6	19423005	1	Cover
7	19423007	1	DIAPHRAGM
8	19423008	1	RETAINING Washer
9	19423009	1	Gasket
10	19423010	1	Gasket
11	19423011	1	RETAINING Washer
12	19423012	1	Ring
13	19423014	1	Ring
14	19423015	1	Cover
15	19421084	1	LOCKING Screw
16	19421082	4	Bolt
17	19421083	1	Bolt
18	19423025	1	Control ROD
19	19423026	1	HEXAGON Bolt
NS	19423000.1R	1	Exchang.Controller [NP] [NS]
NS	19423000.1B	1	Controller [NS]

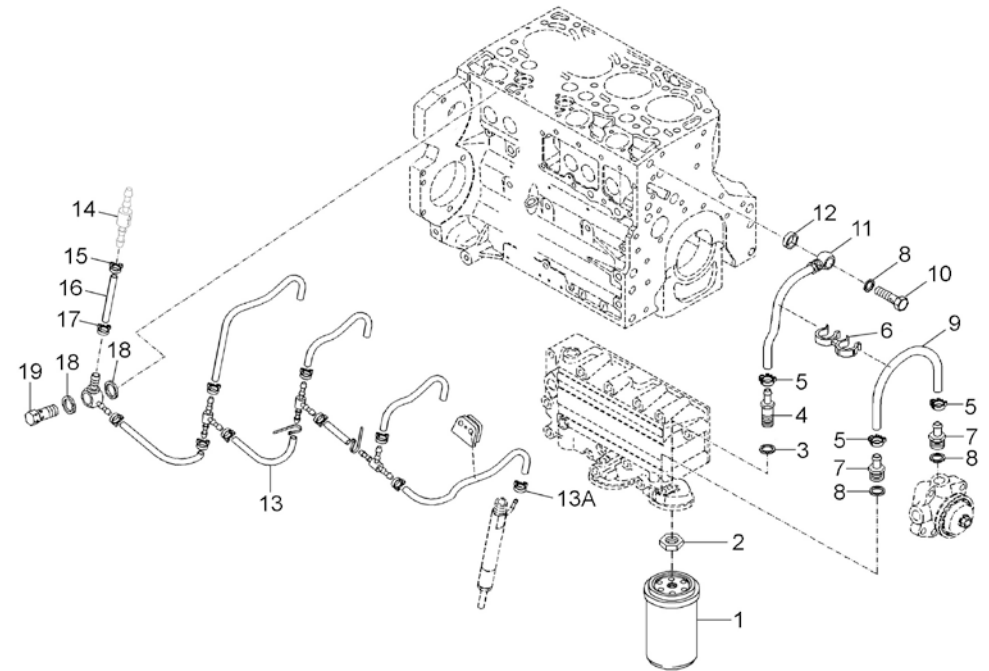


[NP] Not provided

[NS] Not shown



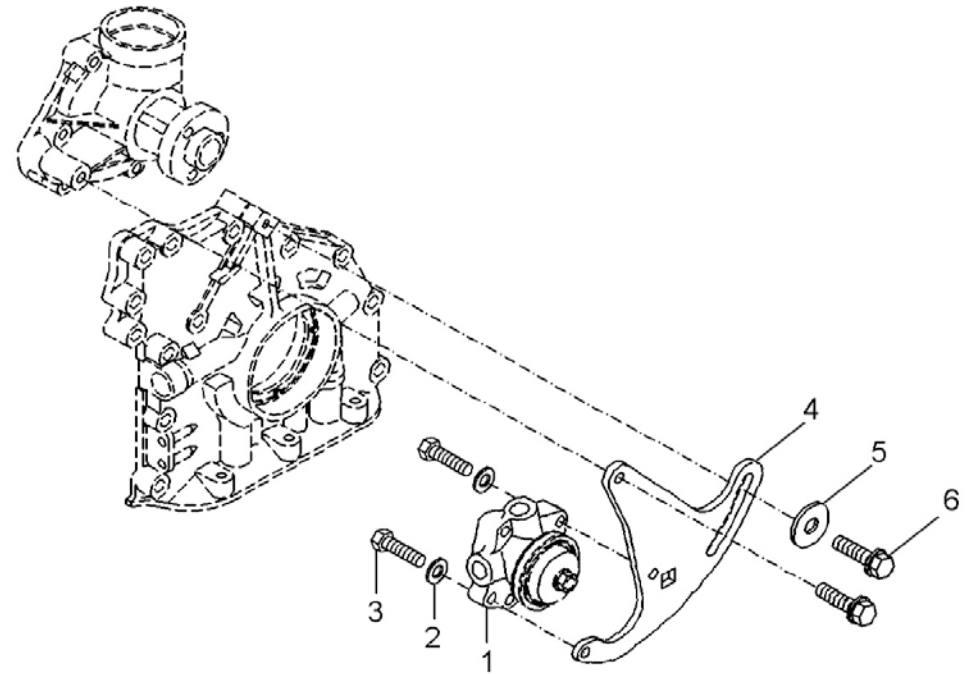
D_SD17_4_5			Fuel Filter
FIG.	REF.	QTY	DESCR.
1	19424022	1	Fuel Filter
2	19424065	1	HEXAGON Nut
3	19424064	1	SeallNG Ring
4	19424057.1	1	Hose Sleeve
5	19424058.1	3	Clamp
6	19424059.1	1	Hose Retanier
7	19424049.1	2	Nipple
8	19421016	3	SeallNG Ring
9	19424061.1	1	Pipe,fuel
10	12814051	1	Screw,eye
11	19424060.1	1	Pipe,fuel
12	19424062	1	SeallNG Ring
13	19424071.1	1	OverFLOW LINE
13A	19424031.1	4	Pipe Clamp
14	19424001	1	Valve Assy
15	51086018	1	ONE EAR Clamp With INTERIOR Ring
16	19414003.1	1	Rubber Pipe
17	51086017	1	ONE EAR Clamp With INTERIOR Ring
18	19420064	2	SeallNG Ring
19	19424053	1	Valve Assy
NS	19424067.1	1	Corrugated Tube [NS]



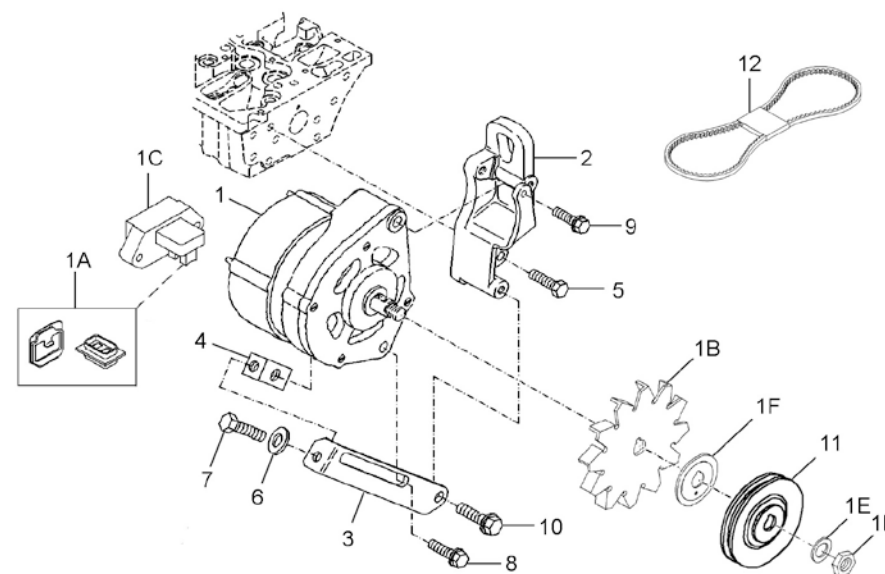
[NS] Not shown



D_SD17_4_6			Feed Pump
FIG.	REF.	QTY	DESCR.
1	19424040.1	1	Fuel Pump
2	19424043	2	Spring Washer
3	19424042	2	Screw
4	19424041.1	1	Clamping Strap
5	19424047	1	Plain Washer
6	19424046	2	HEXAGON Bolt

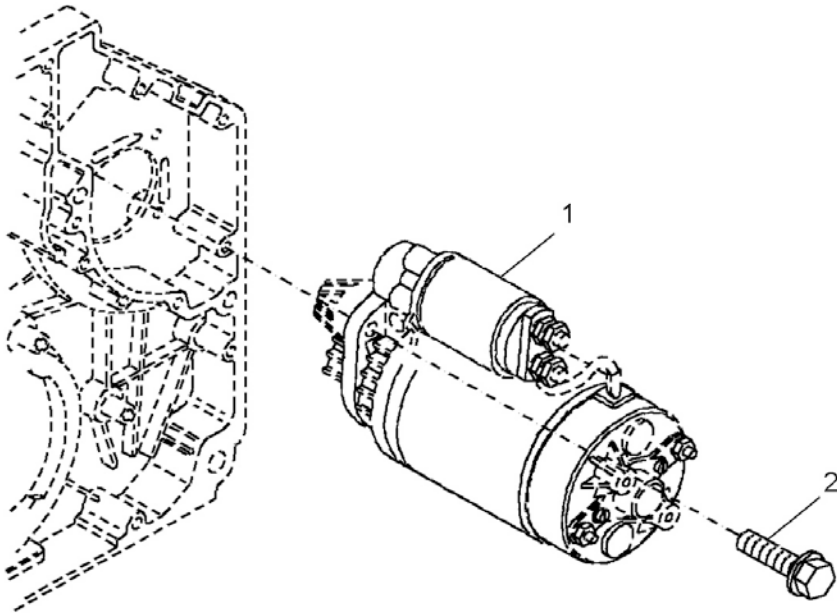


D_SD17_5_1		Kit Alternator 24V/55A	
FIG.	REF.	QTY	DESCR.
1	19427010G	1	Alternator 24V/35A
1A	19427012.1	1	Seal Gasket
1B	19427015.1	1	Fan
1C	19427016G.1	1	VOLTAGE REGULATOR
1D	19424065	1	HEXAGON Nut
1E	19427017.1	1	Washer
1F	19427018.1	1	Supporting Ring
2	19427002G	1	Bracket
3	19427007G	1	Clamping Strap
4	19427008G	1	Threaded Piece
5	19427005.1	4	HEXAGON Bolt
6	19428007	1	Plain Washer
7	19427013	1	HEXAGON Bolt
8	19427005	1	HEXAGON Bolt
9	19422053	1	HEXAGON Bolt
10	19424006	1	HEXAGON Bolt
11	19427052G.1	1	Alternator V-GROOVED Pulley
12	19427025.1	1	Belt Type SPZX 862

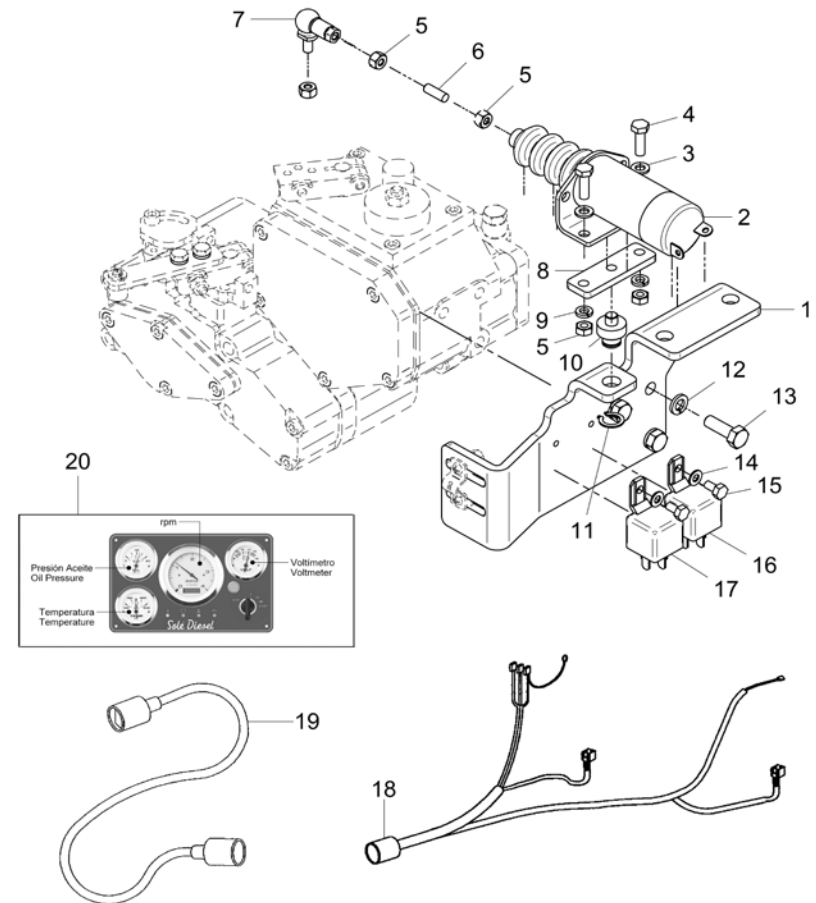




D_SD17_5_2			Starter
FIG.	REF.	QTY	DESCR.
1	19427001.2	1	Starter Assy 24V
2	19427020.1	3	Bolt



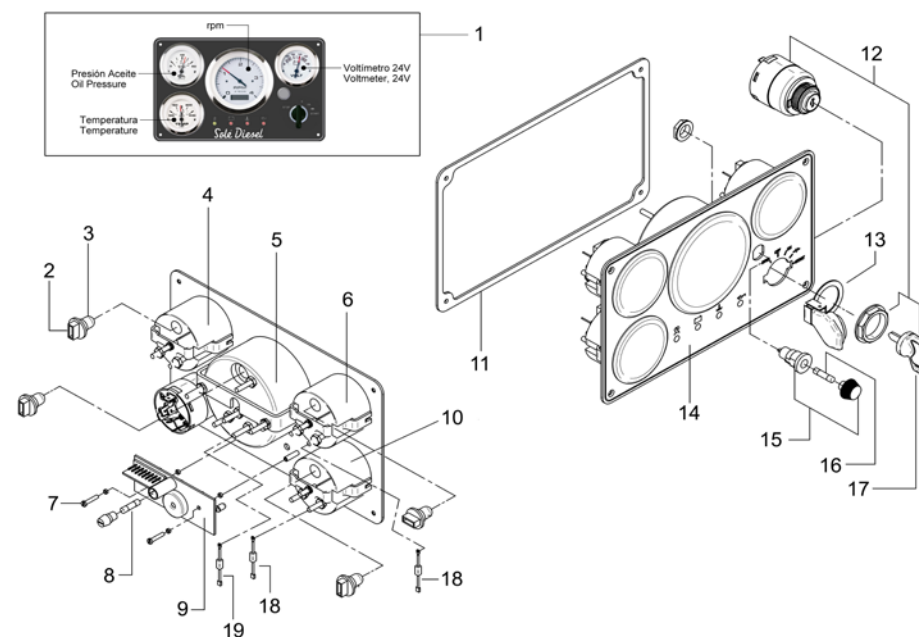
D_SD17_5_3			24V Electrical Wiring
FIG.	REF.	QTY	DESCR.
1	19419001	1	Bracket,Engine Control
2	19424025	1	SOLENOID 24V ETS
3	51030006	2	Washer DIN 125-6
4	52102157	2	Bolt DIN 933 M6-20 8.8
5	52120006	4	Nut DIN 934 M6 8.8
6	52111163	1	ROD DIN 913 M6-50 8.8
7	19419003	1	Mechanical Bearing
8	19419005	1	Bracket
9	53033006	2	Washer GROWER DIN 127-6
10	19419006	1	Shaft
11	53040012	1	CIRClip DIN 471 E-12
12	53033008	3	Washer GROWER DIN 127-8
13	52102257	3	Bolt DIN 933 M8-20 8.8
14	51030005	2	Washer DIN 125-5
15	52102104	2	Bolt DIN 933 M5-10 8.8
16	17417005.1	1	Relay 24V 24-22A
17	19017005	1	Relay 24V 24/22A
18	60994201.1	1	SD165 Electrical Wiring
19	60985210	1	Engine Wiring Ext. 4 M.
20	D_SD17_5_4	1	Deluxe Instrument Panel [NP]



[NP] Not provided

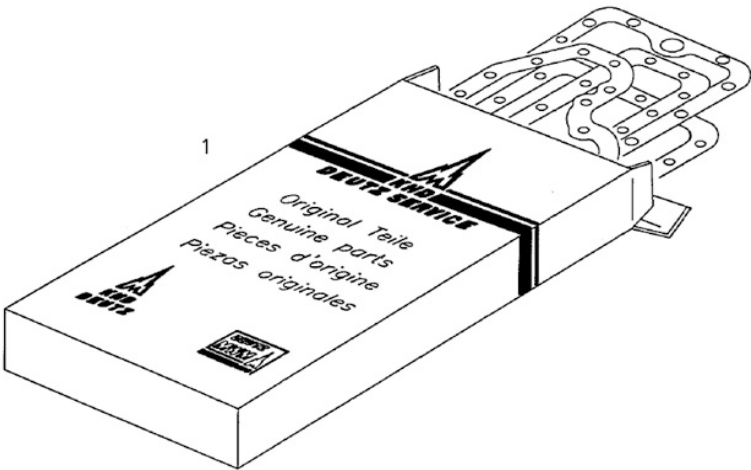


D_SD17_5_4			Deluxe Instrument Panel
FIG.	REF.	QTY	DESCR.
1	60994125.2	1	Panel TE3 SDZ-165/205/280
2	60900931	4	SOCKET,WEDGE BASE
3	60900930	4	Bulb GE400 WEDGE BASE 24V
4	60900926R	1	VOLTMETER 24 V
5	60994911	1	TACHOMETER SDZ-165/205
6	60900921R	1	Oil Pressure Gauge 24 V
7	54108003	1	Bolt DIN 84 M3-8 INOX.
8	60900119	1	Fuse 0.5A
9	60900302.1	1	Integrated Circuit Plate 24V
10	60900916R	1	Water Gauge 24 V
11	60990006	1	Gasket Panel
12	60900037	1	Key-Locking
13	60900038	1	Cover,KEY
14	60990005	1	Panel N.3
15	60900121	1	FuseHolder, panel
16	60900118	1	Fuse 10 A.
17	60900036	1	Key,Starter Switch
18	60900933	2	VOLTAGE REDUCER 7W
19	60900932	1	VOLTAGE REDUCER 5W





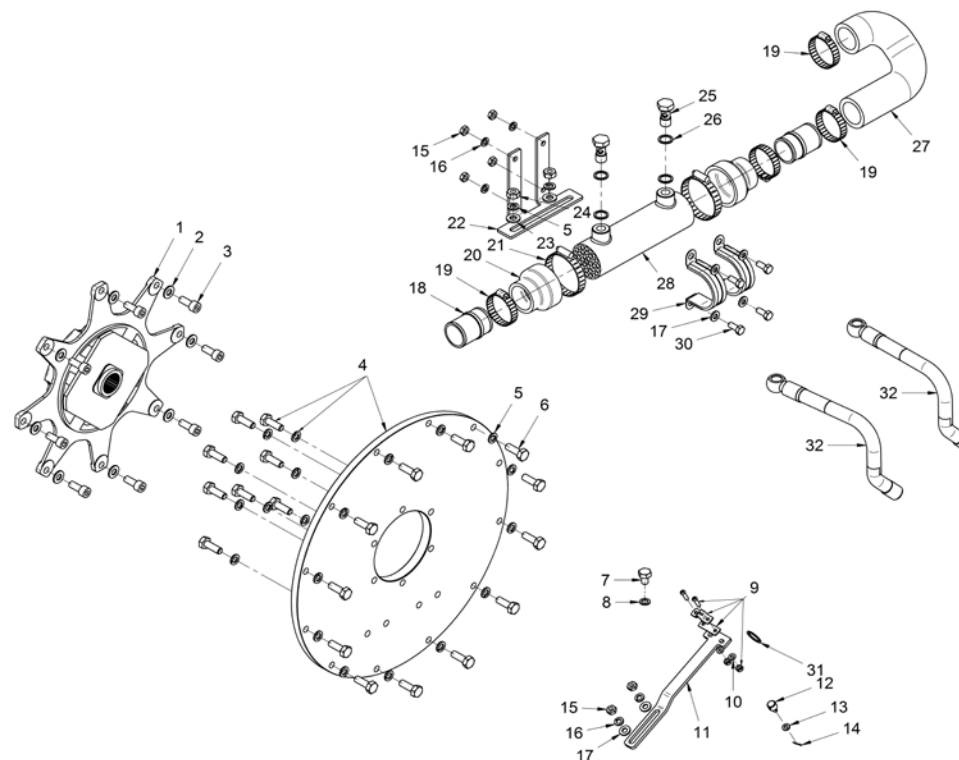
D_19420101			Gasket Kit
FIG.	REF.	QTY	DESCR.
1	19420101	1	Gasket Set



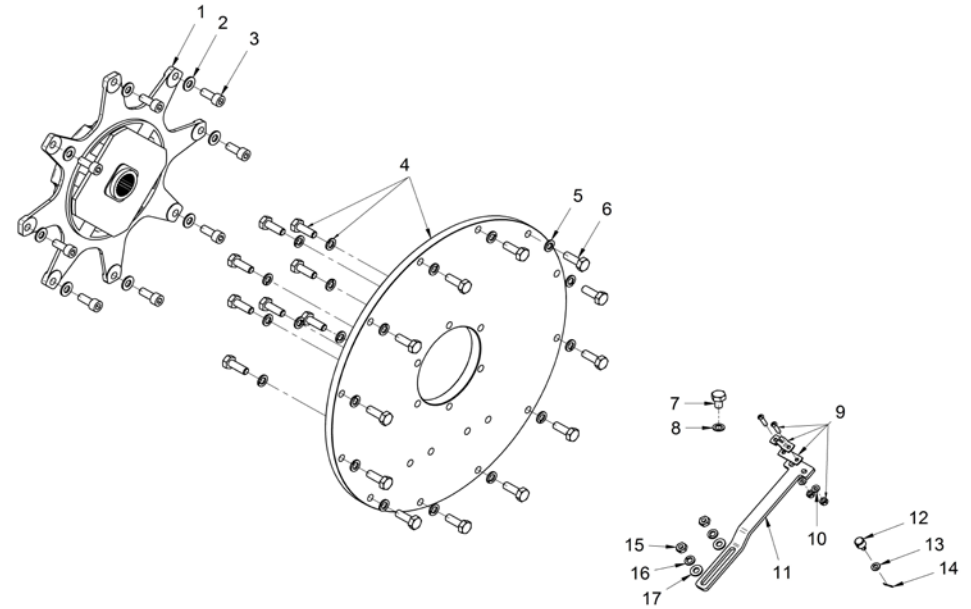
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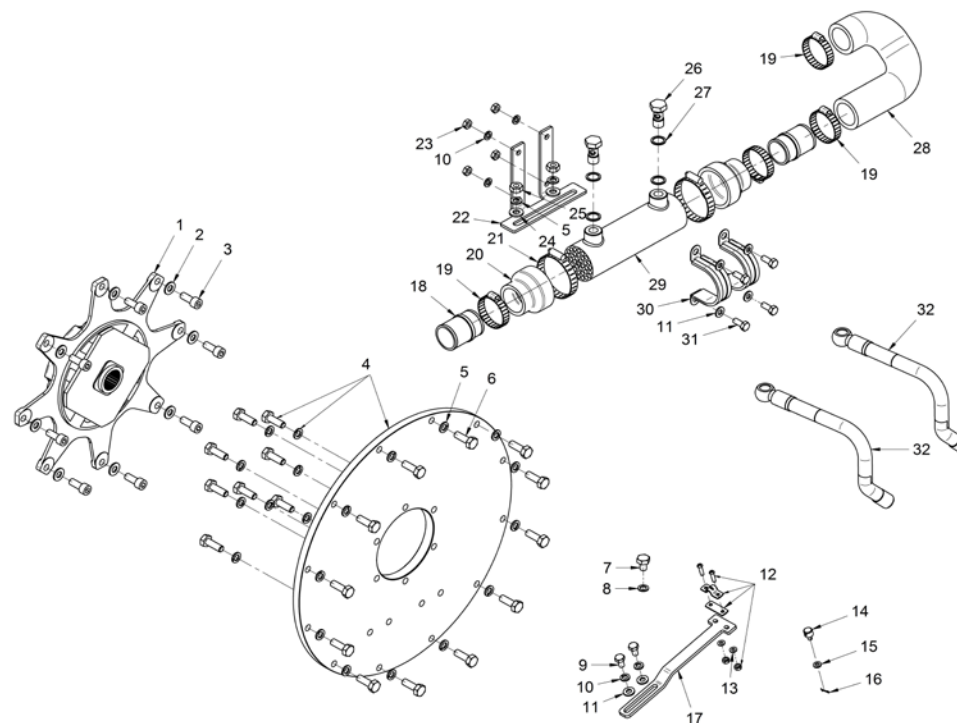
19410200.1		Kit GearBox TM-170/A/880A	
FIG.	REF.	QTY	DESCR.
1	16510170	1	Flexible Coupling Type C SAE 11"1/2
2	53038010	8	Washer DIN 6798-A 10
3	52103308	8	Bolt DIN 912 M10-25 8.8
4	24810021	1	SAE3 Housing TM-93 and 170
5	53033010	14	Washer GROWER DIN 127-10
6	52102309	12	Bolt DIN 933 M10-30 8.8
7	52102306	1	Bolt DIN 933 M10-15 8.8
8	56000061	1	Washer 10-16-1,5
9	24810913	1	Clamp,CABLE
10	51030005	2	Washer DIN 125-5
11	18619020	1	Bracket,Gear box control
12	14719115	1	Coupling,cable
13	51030006	1	Washer DIN 125-6
14	51051107	1	Pin DIN-94 1,6-16
15	52120008	6	Nut DIN 934 M8 8.8
16	53033008	6	Washer GROWER DIN 127-8
17	51030008	6	Washer DIN 125-8
18	19411049	2	Coupling
19	54082032	4	Clamp DIN 3017 32-50/12 W4
20	19412002	2	Cover, water cooler D42
21	54082050	2	Clamp DIN 3017 50-70/12 W4
22	18012041	1	Bracket,TM93/170 oil cooler
23	51030010	2	Washer DIN 125-10
24	52120010	2	Nut DIN 934 M10 8.8
25	14712015	2	Bolt,Coupling pipe oil
26	57000375	4	Washer 17-22-1,5
27	19411034	1	Pipe, rubber
28	14712051	1	Cooler,oil
29	59072604	2	Clamp
30	52102257	4	Bolt DIN 933 M8-20 8.8
32	17112024	2	Pipe, rev.oil Cooler



19410201.1		Kit Gearbox TM-170/A/880A (without oil)	
FIG.	REF.	QTY	DESCR.
1	16510170	1	Flexible Coupling Type C SAE 11"1/2
2	53038010	8	Washer DIN 6798-A 10
3	52103308	8	Bolt DIN 912 M10-25 8.8
4	24810021	1	SAE3 Housing TM-93 and 170
5	53033010	12	Washer GROWER DIN 127-10
6	52102309	12	Bolt DIN 933 M10-30 8.8
7	52102306	1	Bolt DIN 933 M10-15 8.8
8	56000061	1	Washer 10-16-1,5
9	24810913	1	Clamp, CABLE
10	51030005	2	Washer DIN 125-5
11	18619020	1	Bracket, Gear box control
12	14719115	1	Coupling, cable
13	51030006	1	Washer DIN 125-6
14	51051107	1	Pin DIN-94 1,6-16
15	52120008	2	Nut DIN 934 M8 8.8
16	53033008	2	Washer GROWER DIN 127-8
17	51030008	2	Washer DIN 125-8

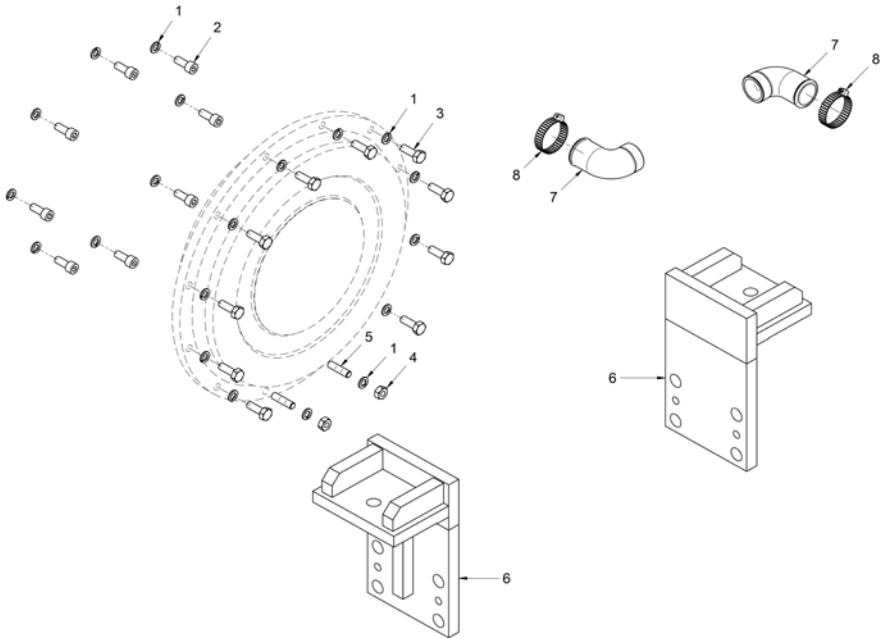


19410210.1 Kit GearBox TM-93			
FIG.	REF.	QTY	DESCR.
1	16510170	1	Flexible Coupling Type C SAE 11"1/2
2	53038010	8	Washer DIN 6798-A 10
3	52103308	8	Bolt DIN 912 M10-25 8.8
4	24810021	1	SAE3 Housing TM-93 and 170
5	53033010	14	Washer GROWER DIN 127-10
6	52102309	12	Bolt DIN 933 M10-30 8.8
7	52102306	1	Bolt DIN 933 M10-15 8.8
8	56000061	1	Washer 10-16-1,5
9	52102256	2	Bolt DIN 933 M8-15 8.8
10	53033008	6	Washer GROWER DIN 127-8
11	51030008	6	Washer DIN 125-8
12	24810913	1	Clamp,CABLE
13	51030005	2	Washer DIN 125-5
14	14719115	1	Coupling,cable
15	51030006	3	Washer DIN 125-6
16	51051107	1	Pin DIN-94 1,6-16
17	18619020	1	Bracket,Gear box control
18	19411049	2	Coupling
19	54082032	2	Clamp DIN 3017 32-50/12 W4
20	19412002	2	Cover, water cooler D42
21	54082050	2	Clamp DIN 3017 50-70/12 W4
22	18012041	1	Bracket,TM93/170 oil cooler
23	52120008	4	Nut DIN 934 M8 8.8
24	51030010	2	Washer DIN 125-10
25	52120010	2	Nut DIN 934 M10 8.8
26	14712015	2	Bolt,Coupling pipe oil
27	57000375	4	Washer 17-22-1,5
29	14712051	1	Cooler,oil
30	59072604	2	Clamp
31	52102257	4	Bolt DIN 933 M8-20 8.8
32	17112024	2	Pipe, rev.oil Cooler





19410211.1 Kit GearBox DONG-I DMT100HL			
FIG.	REF.	QTY	DESCR.
1	53033010	20	Washer GROWER DIN 127-10
2	52103308	8	Bolt DIN 912 M10-25 8.8
3	52102309	10	Bolt DIN 933 M10-30 8.8
4	52120010	2	Nut DIN 934 M10 8.8
5	16713011	2	Stud
6	19410007	2	Bracket
7	16511009	2	Elbow
8	54082040	2	Clamp DIN 3017 40-60/12 W4
NS	M87504252	0,57	Water Intake Hose (HQ) D.42-52 [NS]

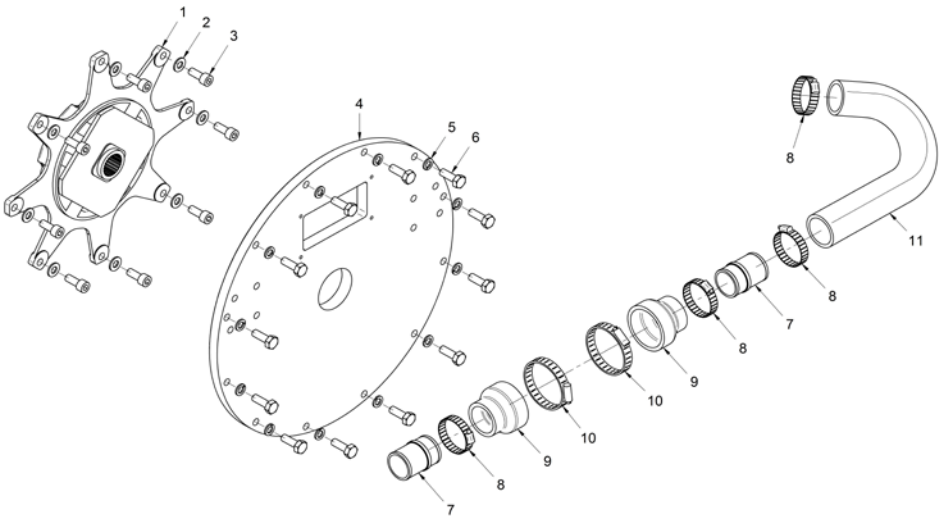


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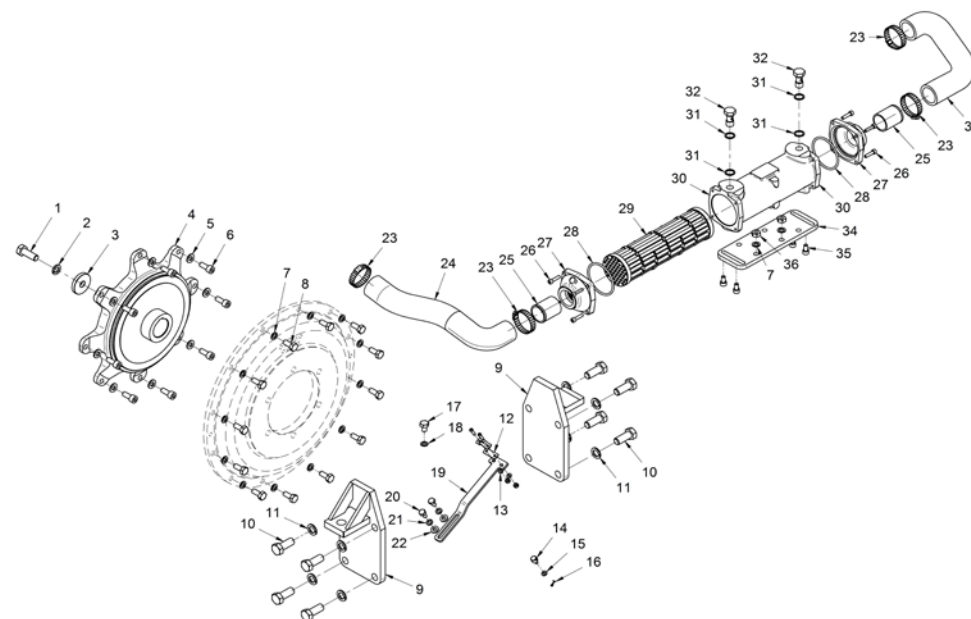




19410212.1 Kit GearBox PRM-302 (Without Oil Cooler)			
FIG.	REF.	QTY	DESCR.
1	16510171	1	Flexible Coupling T. C SAE 11"1/2 PRM302
2	53038010	8	Washer DIN 6798-A 10
3	52103308	8	Bolt DIN 912 M10-25 8.8
4	24230022	1	Adaptor Flange. PRM-302 SAE 3
5	53033010	12	Washer GROWER DIN 127-10
6	52102309	12	Bolt DIN 933 M10-30 8.8
7	19411049	2	Coupling
8	54082032	4	Clamp DIN 3017 32-50/12 W4
9	19412002	2	Cover, water cooler D42
10	54082050	2	Clamp DIN 3017 50-70/12 W4
11	19511006	1	Rubber Pipe



19510200.2		Kit GearBox TM-265/A	
FIG.	REF.	QTY	DESCR.
1	52102411	1	Bolt DIN 933 M14-40 8.8
2	53033014	1	Washer GROWER DIN 127-14
3	24840021	1	Washer
4	19410070	1	Flexible Coupling CENTAFLEX TM-265
5	53038010	8	Washer DIN 6798-A 10
6	52103308	8	Bolt DIN 912 M10-25 8.8
7	53033010	14	Washer GROWER DIN 127-10
8	52102308	12	Bolt DIN 933 M10-25 8.8
9	19610007	2	Bracket,REVERSE TM 265
10	52102461	8	Bolt DIN 933 M16-40 8.8
11	53033016C	8	Washer
12	24810913	1	Clamp,CABLE
13	51030005	2	Washer DIN 125-5
14	14719115	1	Coupling,cable
15	51030006	1	Washer DIN 125-6
16	51051107	1	Pin DIN-94 1,6-16
17	52102306	1	Bolt DIN 933 M10-15 8.8
18	56000061	1	Washer 10-16-1,5
19	18619020	1	Bracket,Gear box control
20	52102256	2	Bolt DIN 933 M8-15 8.8
21	53033008	2	Washer GROWER DIN 127-8
22	51030008	2	Washer DIN 125-8
23	54082032	4	Clamp DIN 3017 32-50/12 W4
24	19511007	1	Hose
25	19411048	2	Coupling
26	52103158	8	Bolt DIN 912 M6-25 8.8
27	19412003	2	Cover, water cooler R. 1 1/4 GAS
28	14712004	2	O-Ring D. 72X4
29	14712003	1	Element,oil cooler
30	14712001	1	Body,cooler
31	57000375	4	Washer 17-22-1,5
32	14712015	2	Bolt,Coupling pipe oil
33	19511002	1	Hose
34	19012019	1	Bracket, Cooler Oil
35	52103256	4	Bolt DIN 912 M8-15 8.8

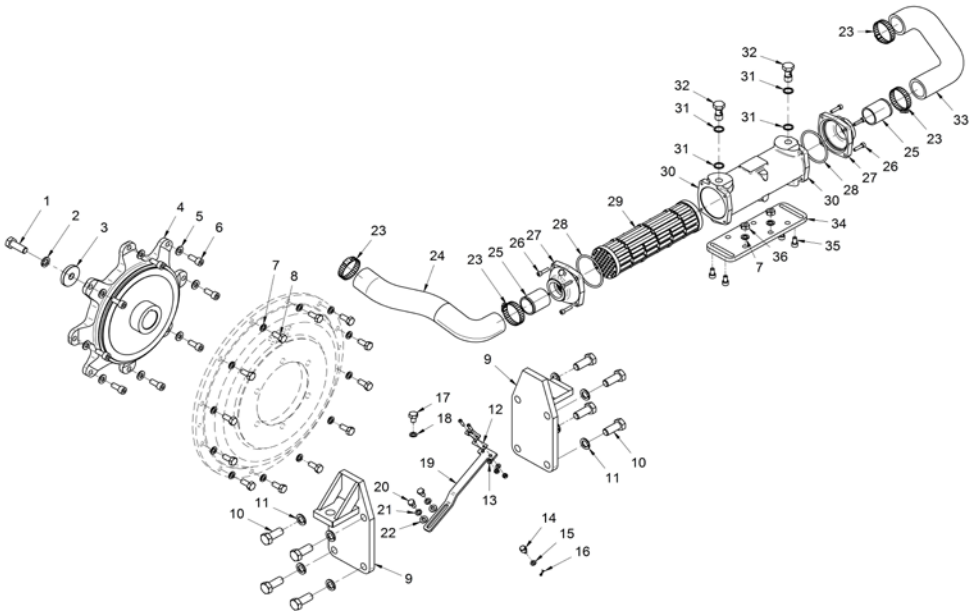


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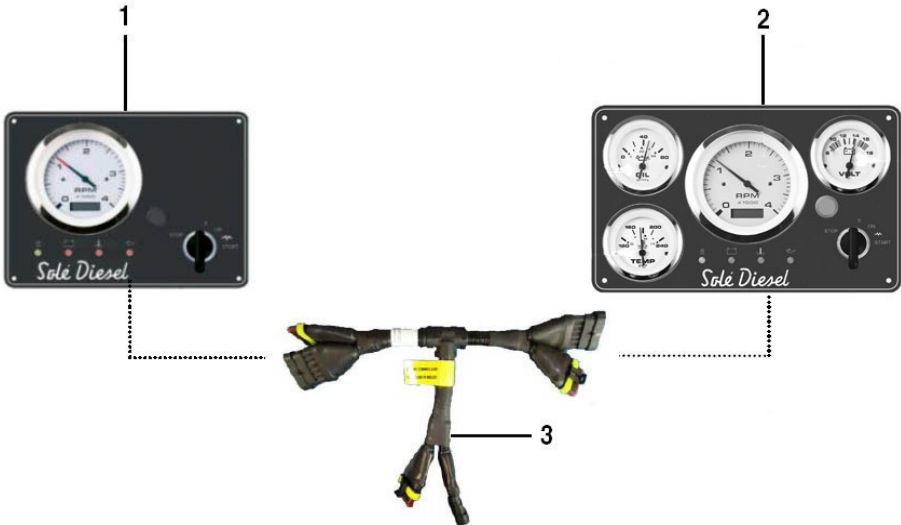


19510200.2			Kit GearBox TM-265/A
FIG.	REF.	QTY	DESCR.
36	52120010	2	Nut DIN 934 M10 8.8
NS	17112024	2	Pipe, rev.oil Cooler [NS]

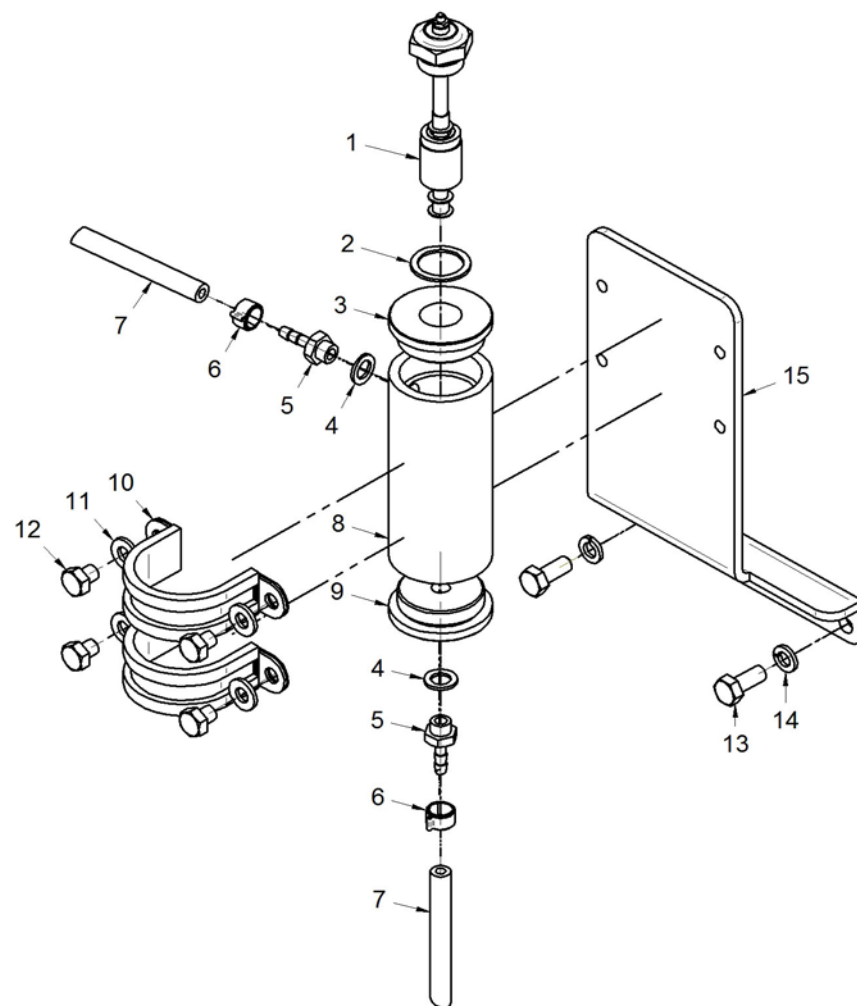




60994000D Kit 2nd Panel TE4 SDZ-165/205 24V			
FIG.	REF.	QTY	DESCR.
1	60994125.2	1	Panel TE3 SDZ-165/205/280
2	60994126.2	1	Panel TE4 SDZ-165/205/280
3	60900210.2	1	T Double Panel DERIVATION

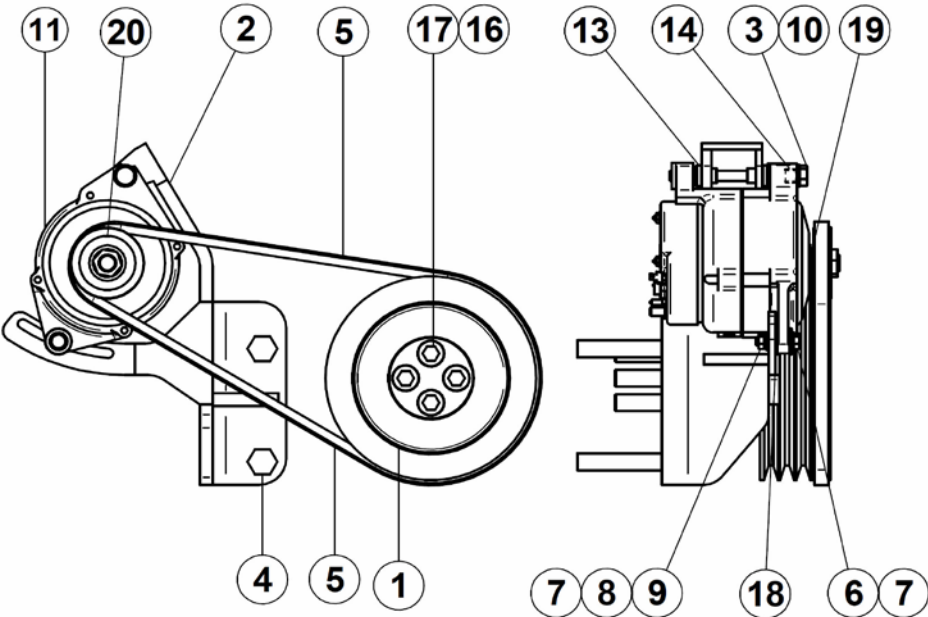


19417017C		Kit Fuel Leak Alarm 24V	
FIG.	REF.	QTY	DESCR.
1	17517017.1	1	Fuel Leak Switch 12V
2	56000086	1	Washer 22,3-29-1,5
3	17517009.3	1	Cover, Upper
4	56000061	2	Washer 10-16-1,5
5	60571041.39	2	Gas-Oil Wall Bushing D.6 MALE
6	51086011	2	ONE EAR Clamp With Interior Ring
7	M86510510	1,5	ROUND Pipe AH-1 D. 5-10
8	17517009.2	1	Tube
9	17517009.4	1	Lower cover
10	59072482	2	Clamp 2 48/20 W1
11	51030008	4	Washer DIN 125-8
12	52102254	4	Bolt DIN 933 M8-10 8.8
13	52102257	2	Bolt DIN 933 M8-20 8.8
14	53033008	2	Washer GROWER DIN 127-8
15	19417009.5	1	Alarm Bracket

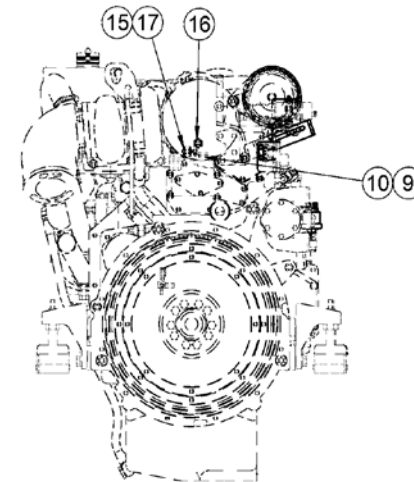
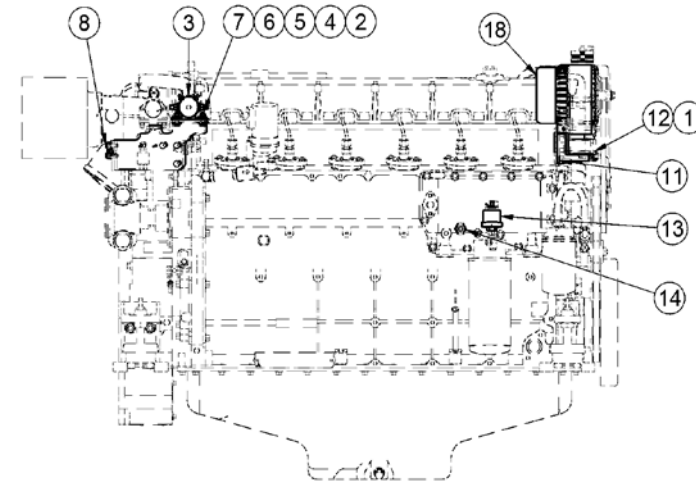




19417100B.1 Kit 2nd Alternator 14V/95A Bipolar			
FIG.	REF.	QTY	DESCR.
1	19410106.1	1	Pulley 4A (V.S) (S)
2	19417100.01	1	Bracket, Alternator
3	52101325	1	Bolt DIN 931 M10-120 8.8
4	52101471	2	Bolt DIN 931 M16-90 8.8 CINCADO
5	17117020	1	Belt Type SPAX 1060
6	52102260	1	Bolt DIN 933 M8-35 8.8
7	51030008	1	Washer DIN 125-8
8	53033008	1	Washer GROWER DIN 127-8
9	52120008	1	Nut DIN 934 M8 8.8
10	51030010	1	Washer DIN 125-10
11	17117016B.1	1	Alt. 14V/95A
13	17217011	2	Bushing
14	17417025	1	Spacer 13.5x10.2x11
16	51030016	1	Washer DIN 125-16
18	17117012	2	Bushing
19	13817016	1	Spacer 17X28X4
20	17117016.7	1	Pulley



19517200 Kit Wire Earth Isolated 24V			
FIG.	REF.	QTY	DESCR.
	17614019	4	Spacer 10,5X18X6
2	17417010	4	Bushing
3	19017105	1	AUTOMATIC 24 V. Bipolar
4	51031006	4	Washer DIN 9021 6
5	53033006	4	Washer GROWER DIN 127-6
6	52120006	4	Nut DIN 934 M6 8.8
7	52102158	2	Bolt DIN 933 M6-25 8.8
8	13019001	2	Clamp
9	14419023	3	Ball JOINT
10	15119015	3	CABLE Holder Ball
11	19427003.1	1	Bracket
12	19417011	4	Bushing
13	60900987	1	SENDER, Oil PRESS.
14	60900978	1	SWITCH, Oil PRESS
15	56000069	1	Washer 14-20-1,5
16	60900982	1	Temperature SENDER
17	60994982	1	TERMOSWITCH 2 Pole 113°C
18	19527010.1	1	Alternator 28V/55A
19	19527007.1	1	Clamping Strap
NS	51030005	5	Washer DIN 125-5 [NS]
NS	52102104	1	Bolt DIN 933 M5-10 8.8 [NS]
NS	52102110	4	Bolt DIN 933 M5-30 8.8 CINCADO [NS]
NS	58088282	1	Clamp [NS]
NS	58088283	2	Clamp [NS]
NS	60994049	1	MASS BLACK TO Wiring START [NS]
NS	60996201.1	1	SD205/280 E. Wiring EARTH ISOLATED [NS]

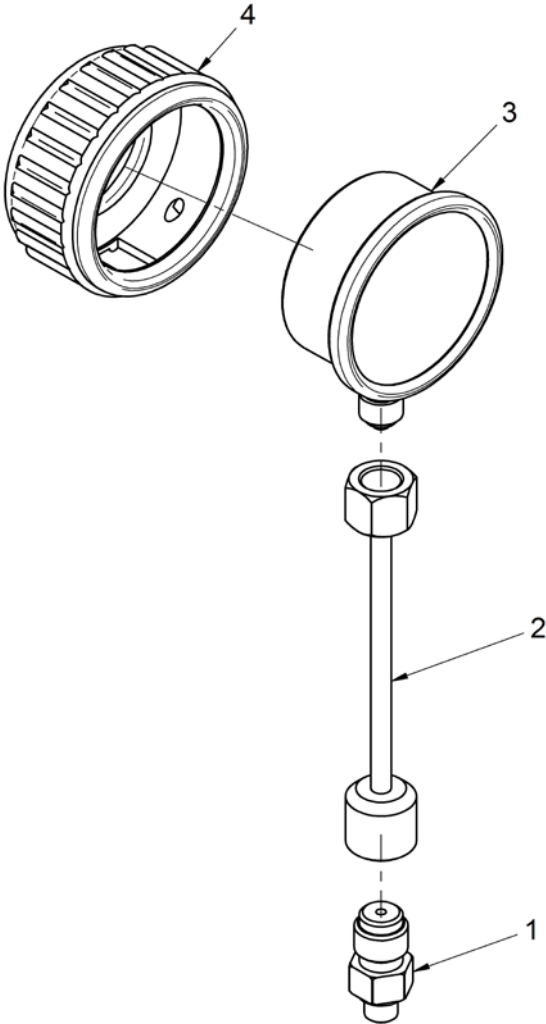


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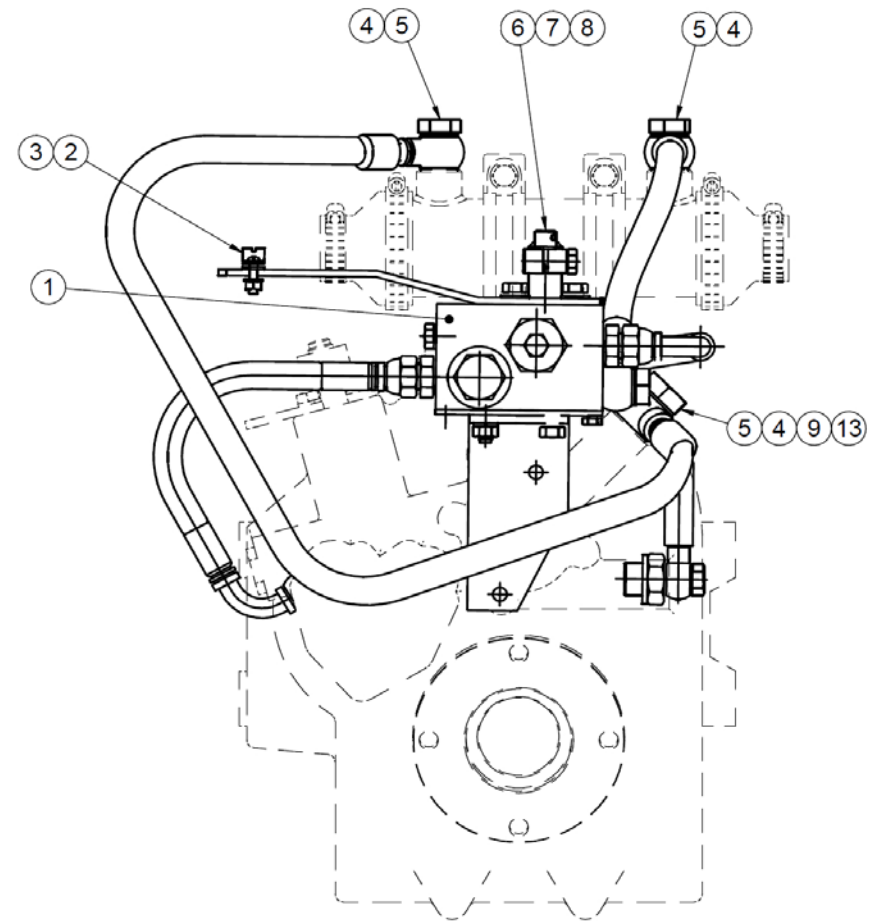




13812010 Pression Gauge Kit			
FIG.	REF.	QTY	DESCR.
1	13812013.1	1	Pressure Tap
2	13812011	1	Hose
3	13812012	1	Presion Gauge
4	13812014	1	Protective Rubber

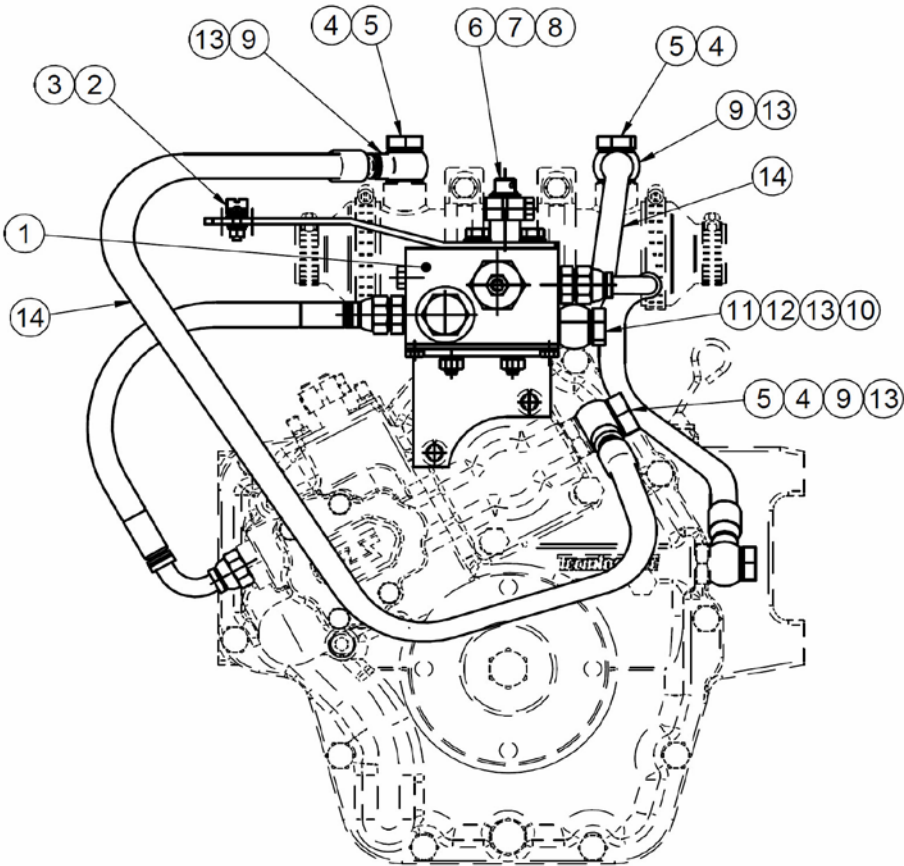


17012093 Kit Trolling Valve for TM-93			
FIG.	REF.	QTY	DESCR.
1	24810050	1	Trolling Valve TM-93
2	24810913	1	Clamp,CABLE
3	51030005	2	Washer DIN 125-5
4	57000375	6	Washer 17-22-1,5
5	14712015	3	Bolt,Coupling pipe oil
6	14719115	2	Coupling,cable
7	51030006	4	Washer DIN 125-6
8	51051107	2	Pin DIN-94 1,6-16
9	14712035	3	Coupling,ball pipe oil
10	18012013	1	COLLAR,union
11	18012012	1	Bolt,eye
12	56000083	2	Washer 21-26-1,5
13	14712031	4	Retainer
14	M84501019	0,635	LOW Pressure Hose D. 10-19



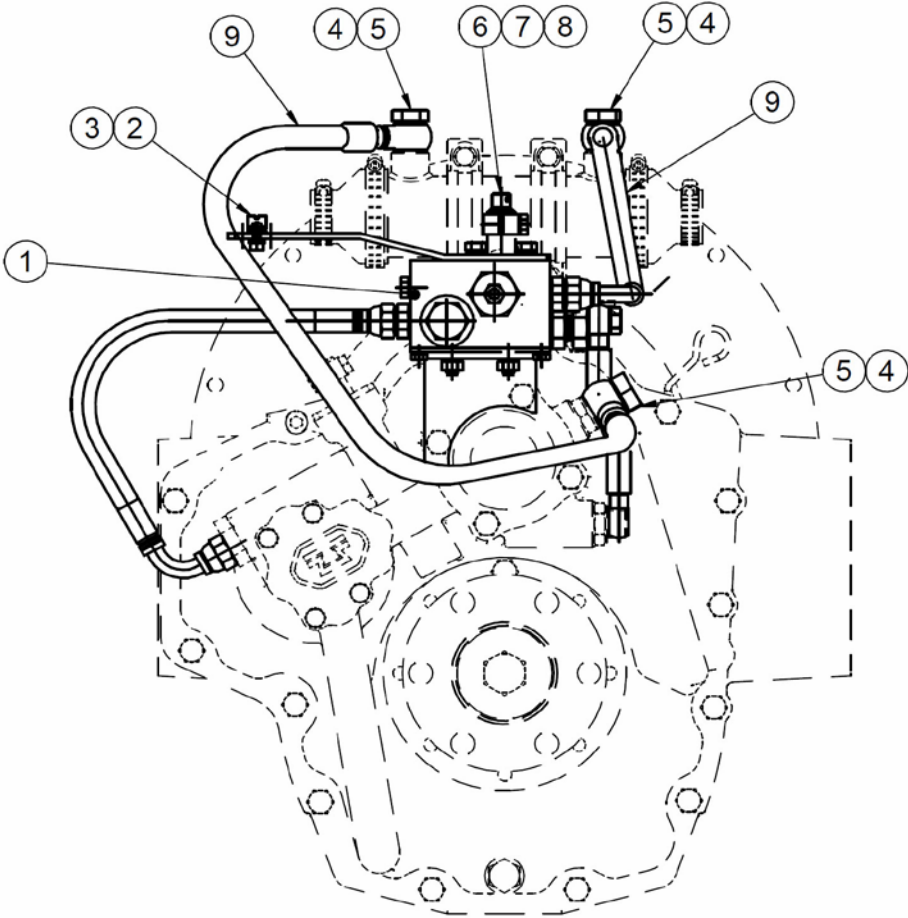


19012170 Kit Trolling Valve for TM-170			
FIG.	REF.	QTY	DESCR.
1	24820050	1	Trolling Valve TM-170
2	24810913	1	Clamp,CABLE
3	51030005	2	Washer DIN 125-5
4	57000375	4	Washer 17-22-1,5
5	14712015	2	Bolt,Coupling pipe oil
6	14719115	2	Coupling,cable
7	51030006	4	Washer DIN 125-6
8	51051107	2	Pin DIN-94 1,6-16
9	17112024	2	Pipe, rev.oil Cooler



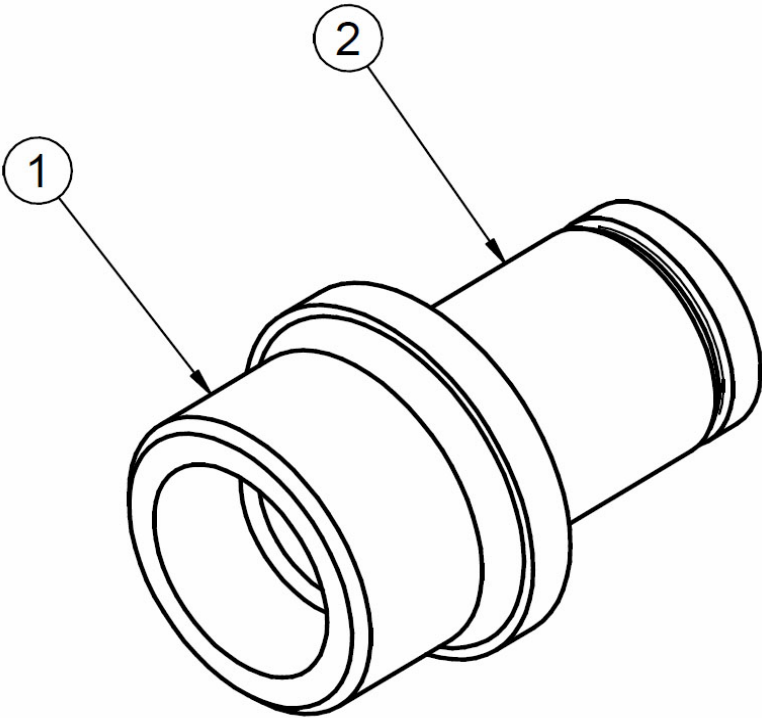


19112265 Kit Trolling Valve for TM-265			
FIG.	REF.	QTY	DESCR.
1	24840050	1	Trolling Valve TM-265
2	24810913	1	Clamp,CABLE
3	51030005	2	Washer DIN 125-5
4	57000375	4	Washer 17-22-1,5
5	14712015	2	Bolt,Coupling pipe oil
6	14719115	2	Coupling,cable
7	51030006	2	Washer DIN 125-6
8	51051107	2	Pin DIN-94 1,6-16
9	17112024	2	Pipe, rev.oil Cooler



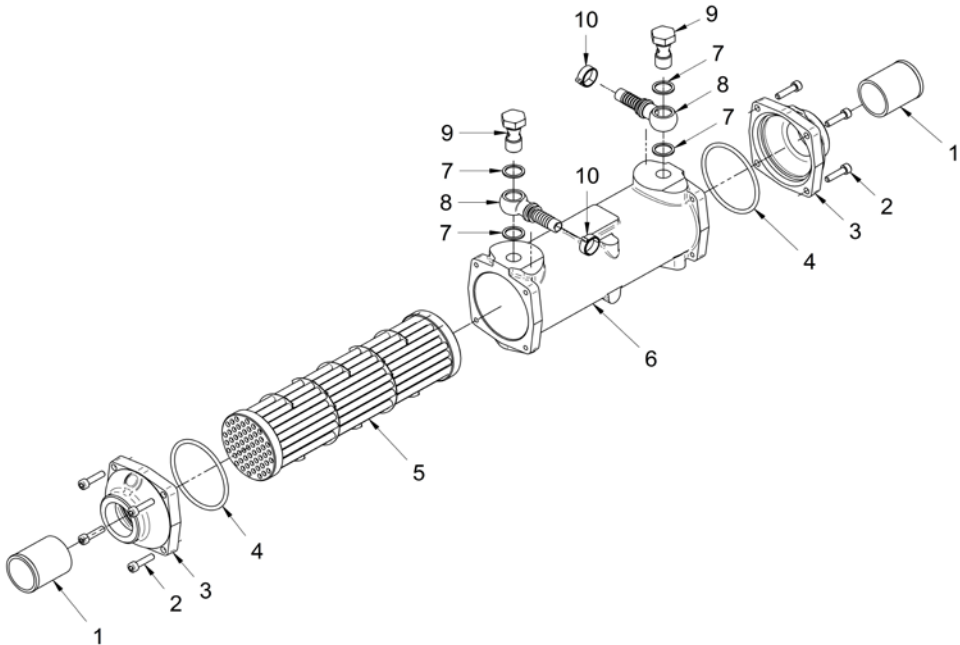


19411150			Boiler Kit (S)
FIG.	REF.	QTY	DESCR.
1	19422119.1	2	Screw Plug
2	60338057	2	Hose Connection 1/2" x 20



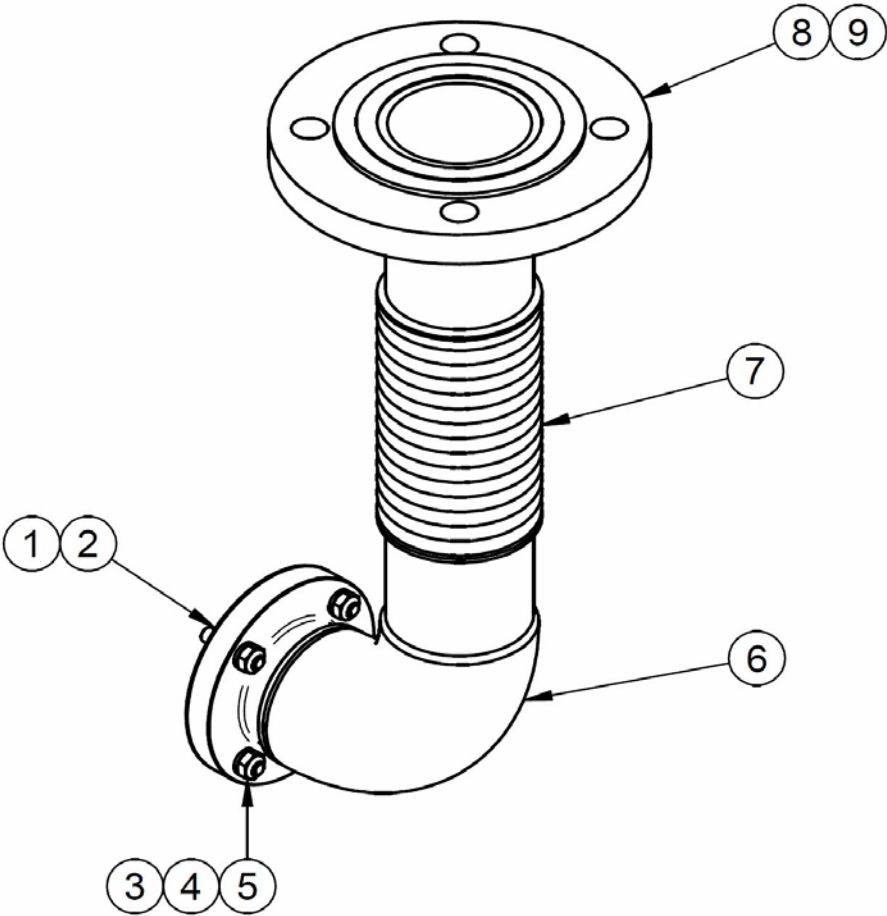


19412000 Kit Fuel Cooler SDZ-165/205/280			
FIG.	REF.	QTY	DESCR.
1	19411048	2	Coupling
2	52103158	8	Bolt DIN 912 M6-25 8.8
3	19412003	2	Cover, water cooler R. 1 1/4 GAS
4	14712004	2	O-Ring D. 72X4
5	14712003	1	Element,oil cooler
6	14712001	1	Body,cooler
7	57000375	4	Washer 17-22-1,5
8	19412035	2	Coupling
9	14712015	2	Bolt,Coupling pipe oil
10	51086018	2	ONE EAR Clamp With INTERIOR Ring



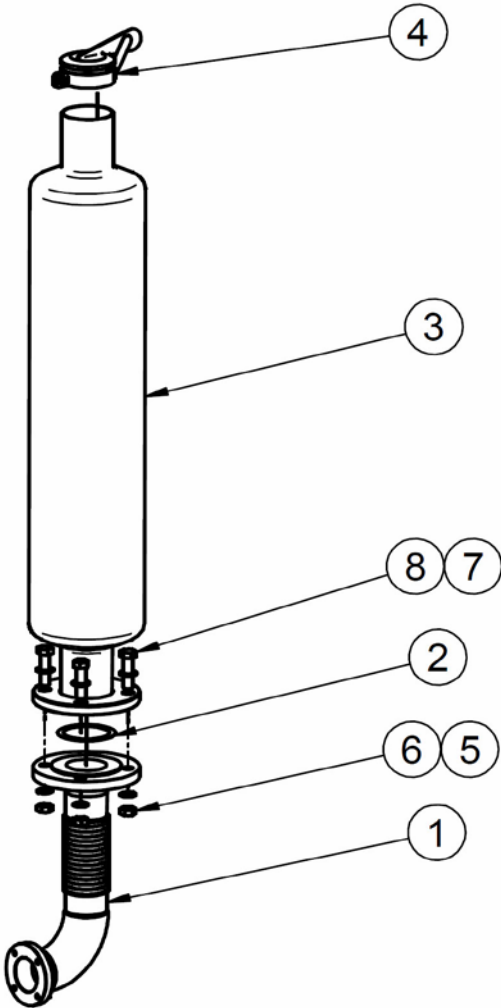


19413115 Kit Dry Exhaust With Flexible Pipe (S)			
FIG.	REF.	QTY	DESCR.
1	19413015	1	Exhaust Flange (S)
2	19413013	1	Gasket
3	13311006	4	Stud,cover
4	53033008	4	Washer GROWER DIN 127-8
6	51066065	1	KNEE 90 FIG. 6002/5 2 1/2"
7	19213017	1	Expansion, compensator
8	51068065	1	Flange DN 2 1/2" PN16 DIN-2633
9	19013020	1	Gasket



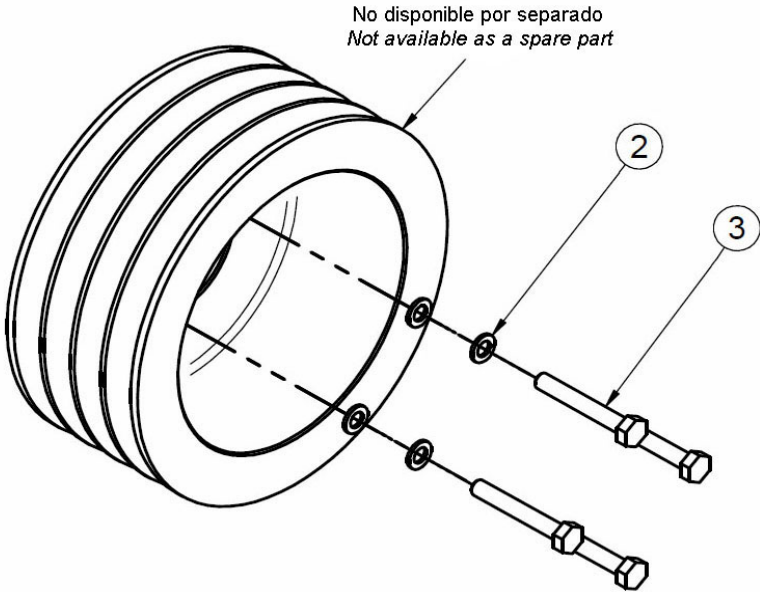


19413118 Kit Dry Exh. Flexible Pipe & Silencer(S)			
FIG.	REF.	QTY	DESCR.
1	19413115	1	Kit Dry Exhaust With Flexible Pipe (S)
2	19013020	1	Gasket
3	19213018	1	Exhaust Muffler
4	19213019	1	RAINCover
5	53033016C	4	Washer
6	52120016	4	Nut DIN 934 M16 8.8
7	51030016	4	Washer DIN 125-16
8	52101465	4	Bolt DIN 931 M16-60 8.8



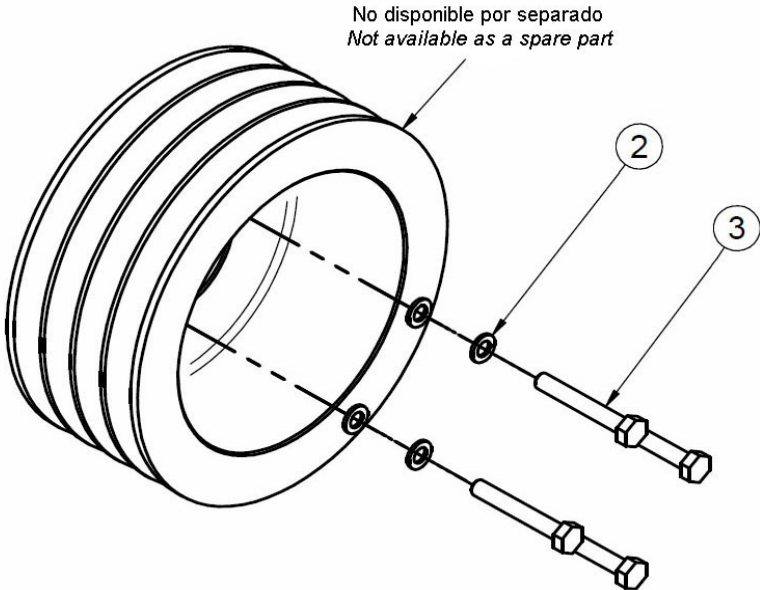


19410104.1			Pulley 4B (V.S.) (S)
FIG.	REF.	QTY	DESCR.
2	51035016	4	Washer DIN 433 M16
3	52203475	4	Bolt DIN 912 M16-1,5-120 12.9



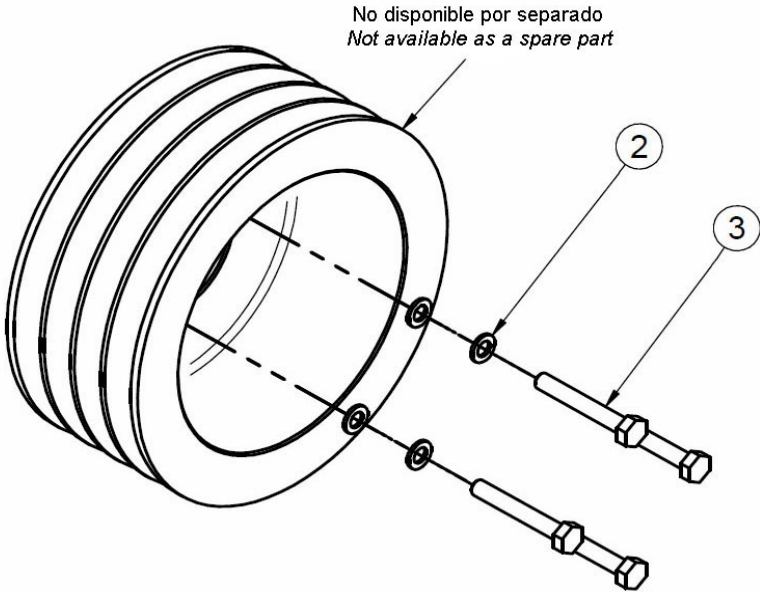


19410105.1			Pulley 5A (V.S.) (S)
FIG.	REF.	QTY	DESCR.
2	51035016	4	Washer DIN 433 M16
3	52203475	4	Bolt DIN 912 M16-1,5-120 12.9

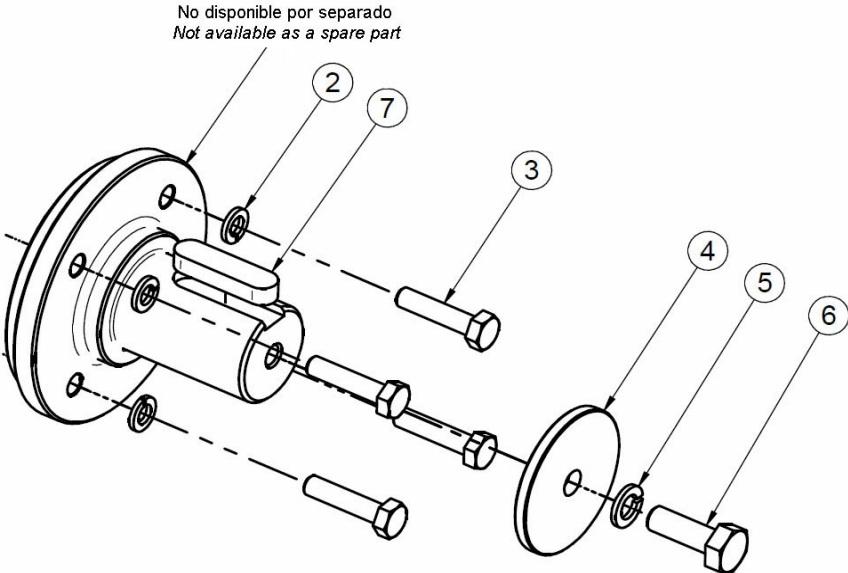




19410106.1			Pulley 4A (V.S) (S)
FIG.	REF.	QTY	DESCR.
2	51035016	4	Washer DIN 433 M16
3	52203475	4	Bolt DIN 912 M16-1,5-120 12.9

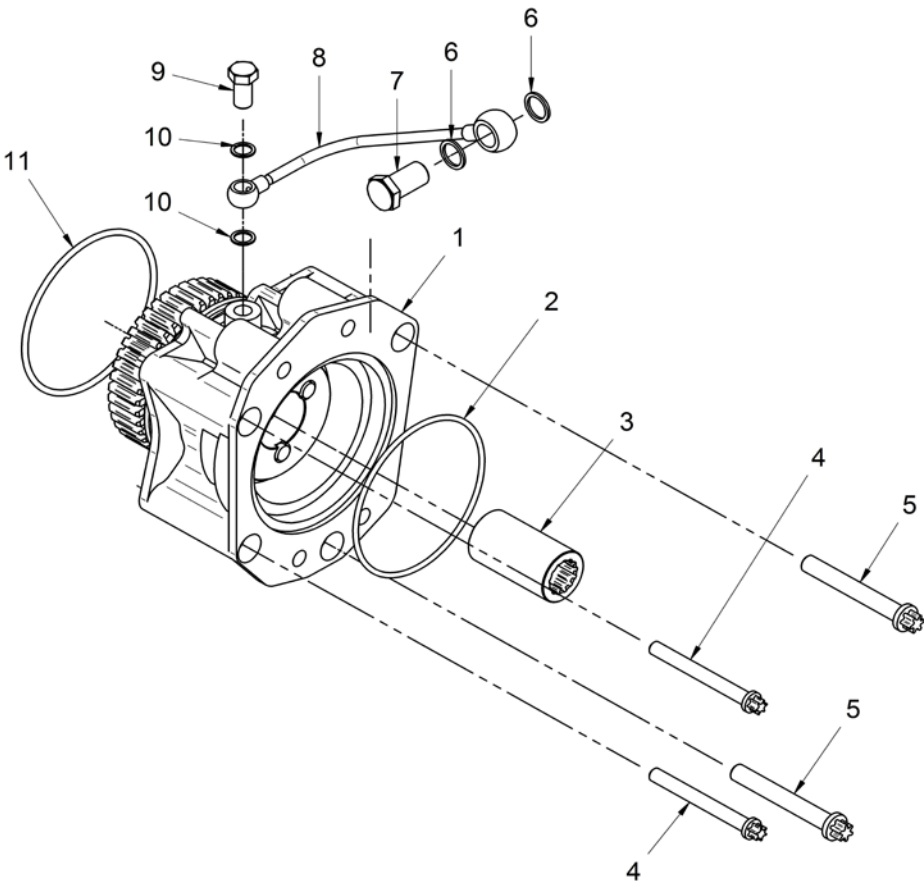


19410125.1			Kit Power Take-off D40
FIG.	REF.	QTY	DESCR.
1	19410009	1	Power Take-off Shaft, D40MM
2	53033010	9	Washer GROWER DIN 127-10
3	40040086	1	KEY
4	52102310	9	Bolt DIN 933 M10-35 8.8
5	60500063	1	Washer
6	53033012	1	Washer GROWER DIN 127-12
7	52102359	1	Bolt DIN 933 M12-30 8.8





19420310 Kit Power Take-off Hdr.Pump Max. 50 KW			
FIG.	REF.	QTY	DESCR.
1	19420315	1	Pump Coupling
2	19420314	1	Coupling Joint
3	19520122	1	O-Ring
4	19420313	1	O-Ring
5	19421016	2	SeallNG Ring
6	19424066	1	Screw
7	19520130	1	Oil Pipe
8	19424087	2	SeallNG Ring
9	19520123	2	Screw
10	19520126	2	Screw
11	19421091	1	Screw
NS	19420113	1	LUBRICANT [NS]
NS	19420311	1	Plug [NS]



[NS] Not shown

