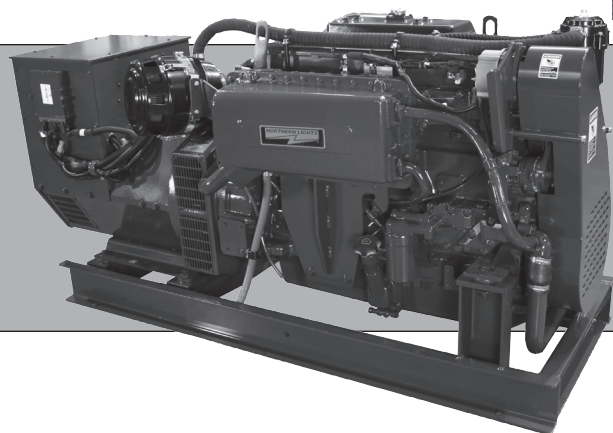




P6.8

For Model: M150C12

PARTS CATALOG

Marine Generators | Marine Diesel Engines | Land-Based Generators



NORTHERN LIGHTS





— CALIFORNIA —
Proposition 65 Warning:

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

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Printed in U.S.A.
PART NO.: P6.8 10/14



NORTHERN LIGHTS

PARTS CATALOG

for Model M150C12

Please read thoroughly before attempting to use this manual:

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MODEL DESIGNATION

M 150 C12 = Northern Lights Tier III turbocharged marine diesel generator set with a John Deere engine, 150 kW.

All model numbers in parentheses will indicate a John Deere base engine. All variations requiring serial numbers for proper identification will be noted as Northern Lights or John Deere.

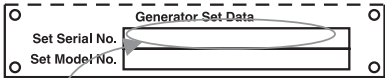
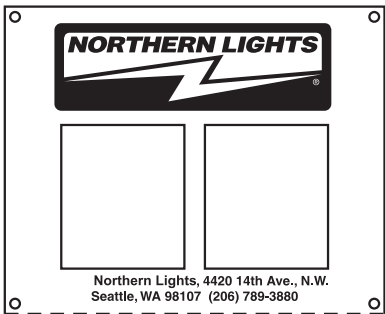
SERIAL NUMBERS

NORTHERN LIGHTS

Your set has three serial numbers: ① an engine number stamped on the block, ② a generator plate, and ③ a generator set plate. Use the serial number on the **generator set plate** when ordering parts or in correspondence. The generator set plate is found on the service side of the generator and resembles one of the drawings below.



Lugger Serial Number



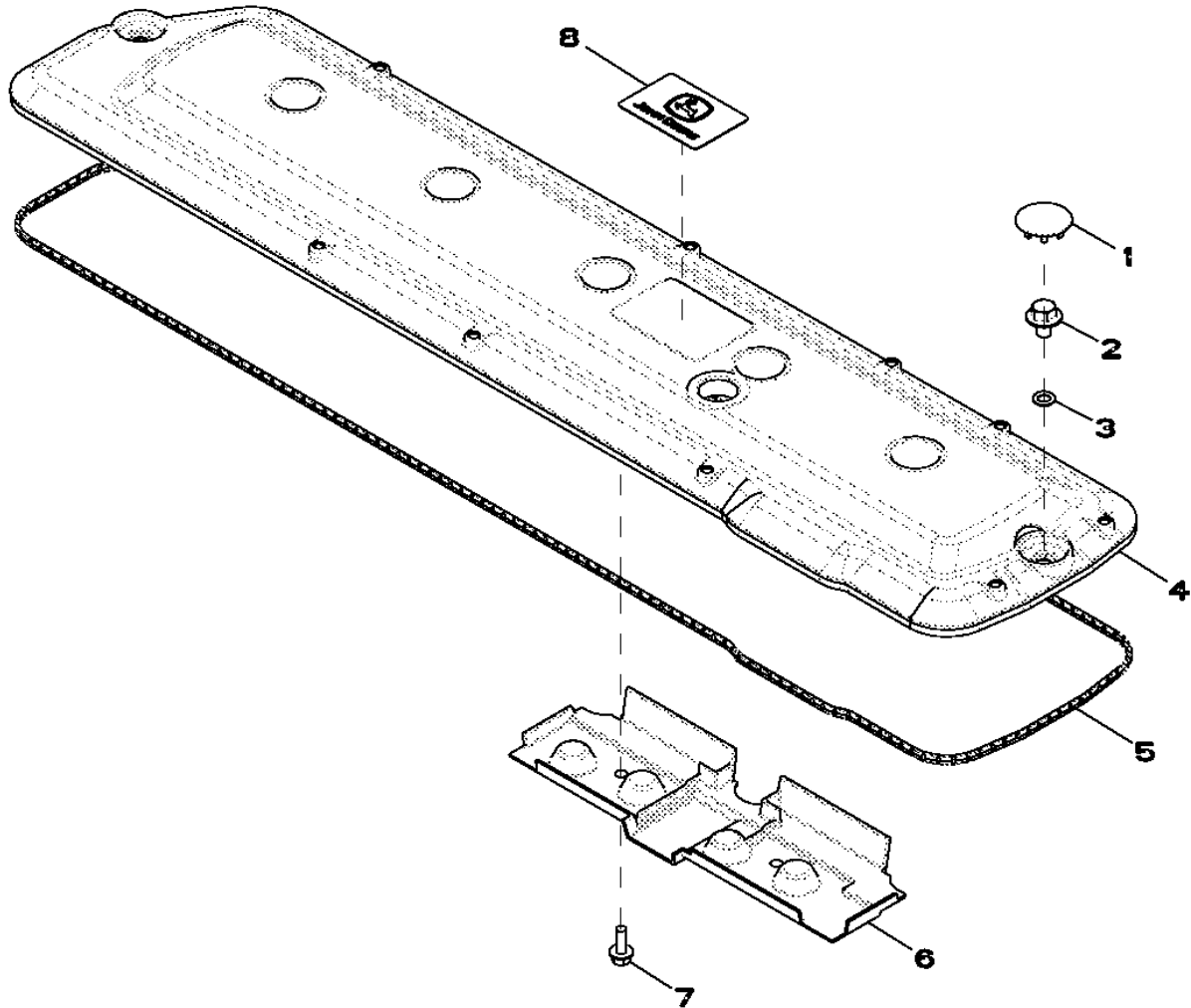
Generator Set Serial Number



Generator Set Serial Number

1144 Rocker Arm Cover

RE527023PCDC02 A.1

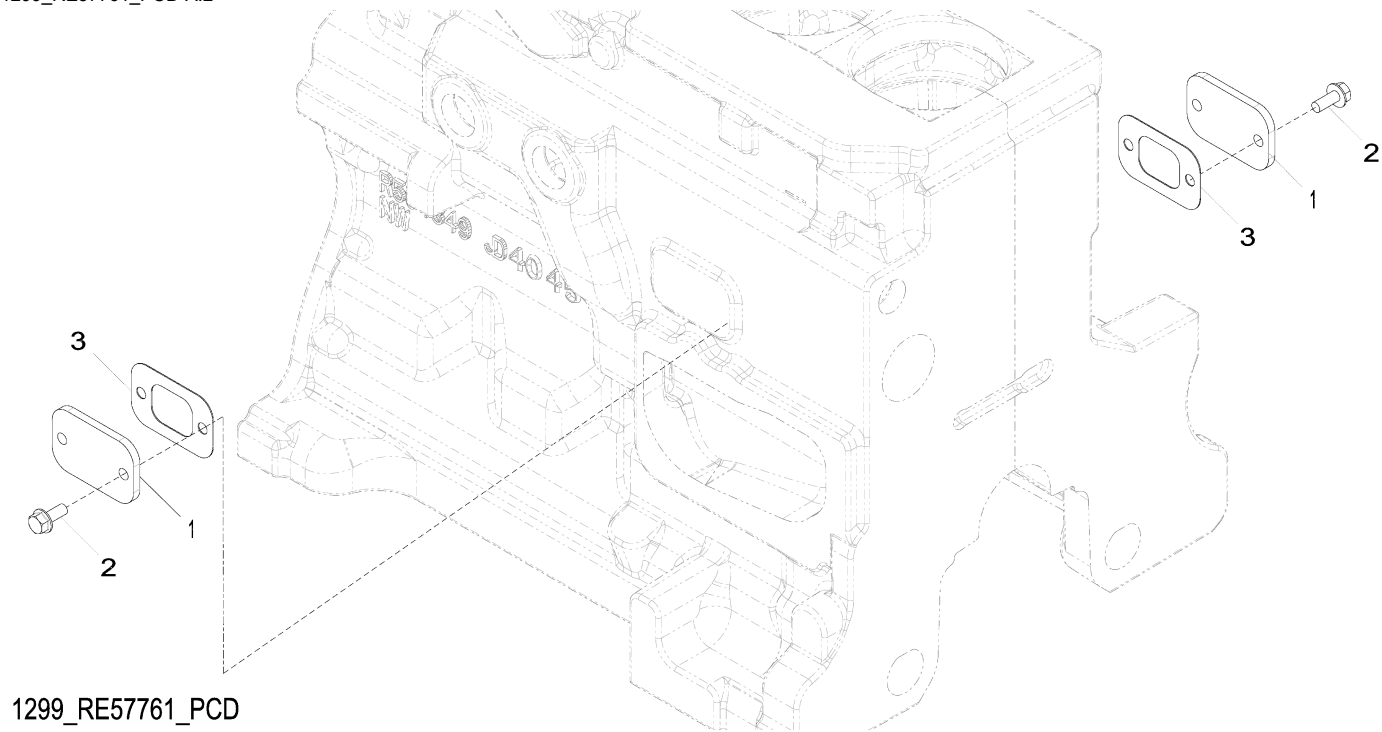


RE527023PCDC02

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	H23125	Plug	7		
2	R521390	Screw	7		
3	R123575	O-Ring	7		
4	R522198	Valve Cover	1		
5	R524497	Gasket	1		
6	R515555	Deflector	1		
7	19M7775	Screw	2		M6 X 16
8	R521401	Medallion	1		

1299 Oil Filler Neck Cover

1299_RE57761_PCD A.2



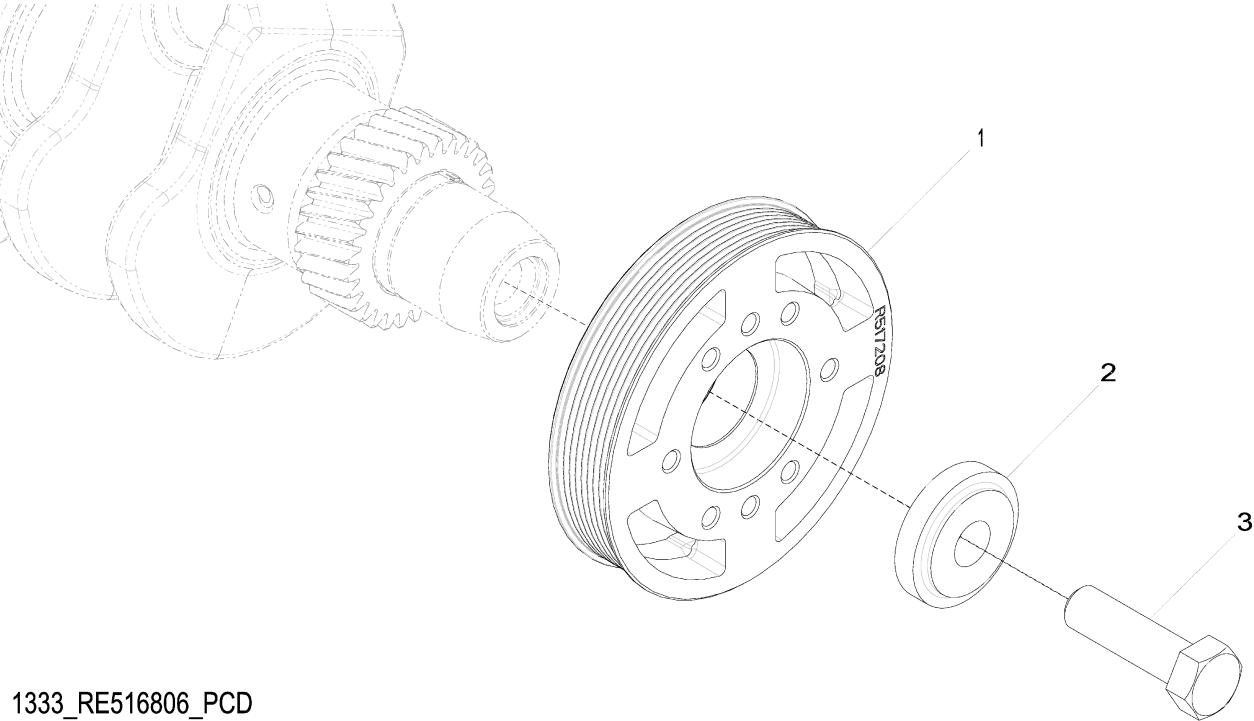
1299_RE57761_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R116296	Cover	2		
2	RE67238	Screw	4	(A)	
3	R136495	Gasket	2		

(A) Threads With Pre-Applied Sealant

1333 Crankshaft Pulley

1333_RE516806_PCD A.1

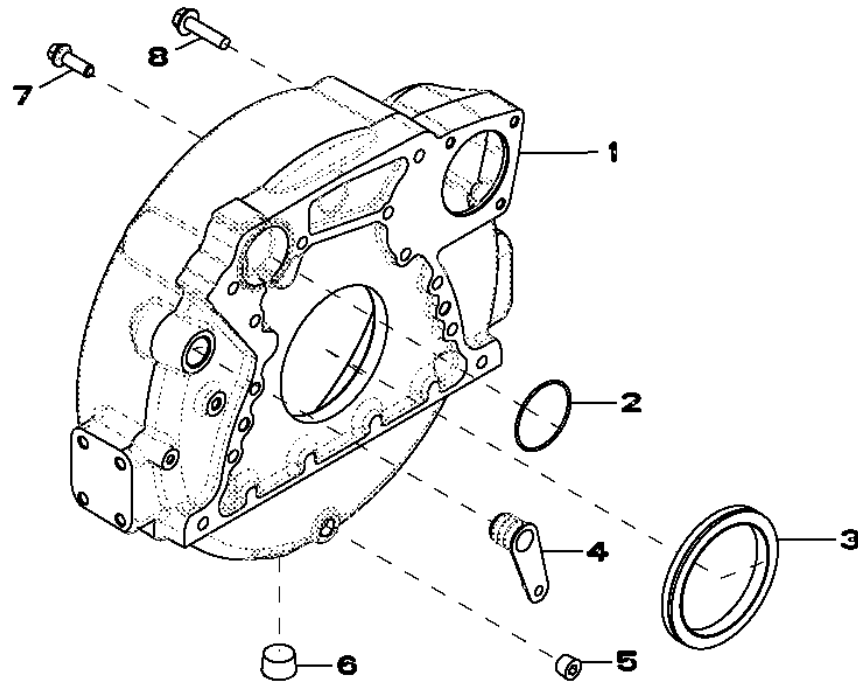


1333_RE516806_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R517208	Pulley	1		
2	R517237	Bushing	1		
3	R516648	Cap Screw	1		

1405 Flywheel Housing

RE59303PCDD02 A.1

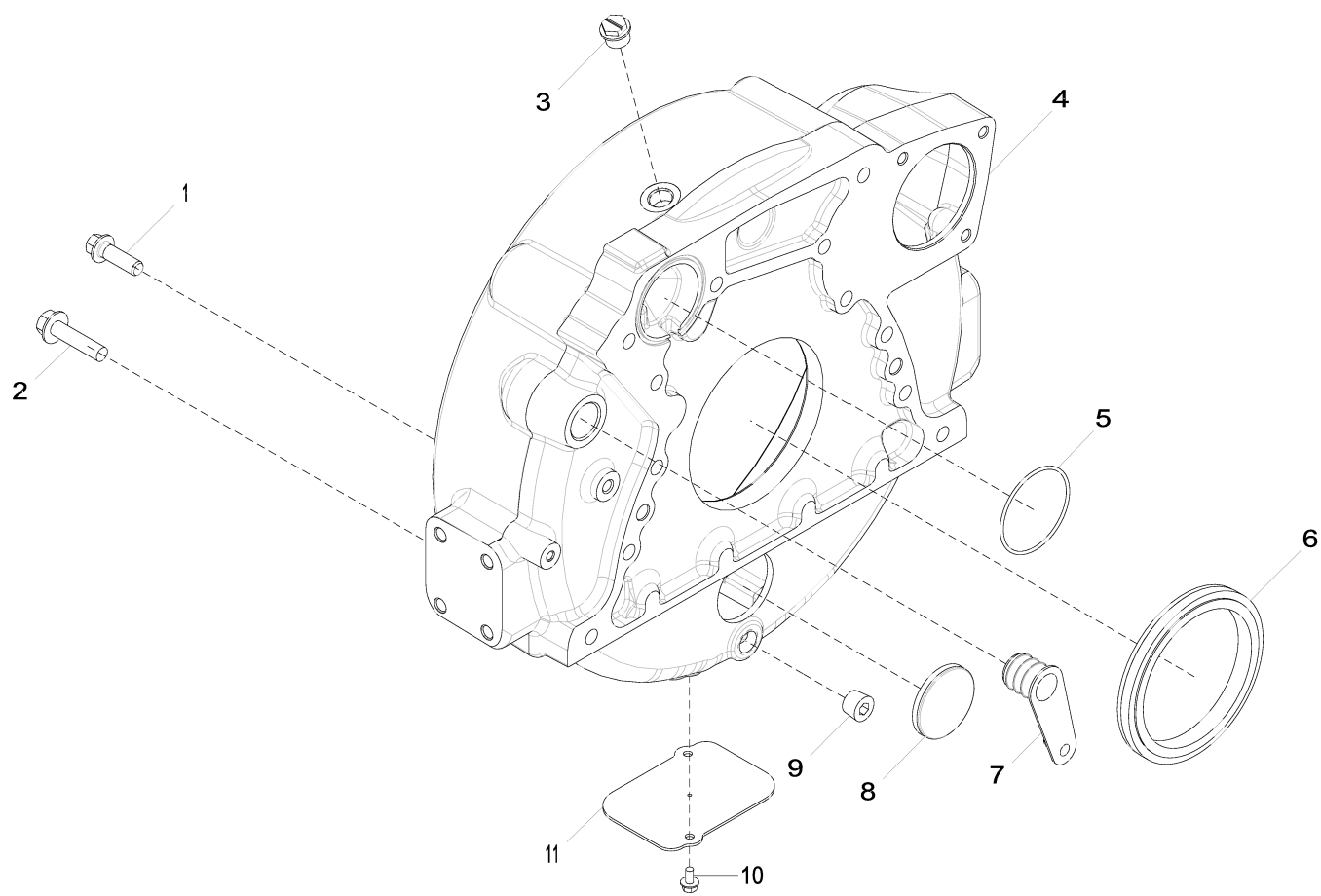


RE59303PCDD02

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R503450	Housing	1		
2	R61467	O-Ring	1		
3	RE44574	Seal	1		
4	R131769	Plug	1		
5	15H584	Pipe Plug	1		1/2"
6	15H562	Pipe Plug	1		1"
7	19M8306	Screw	4		M12 X 50
8	R135918	Bolt	8		

1406 Flywheel Housing

1406_RE59299_PCD A.1

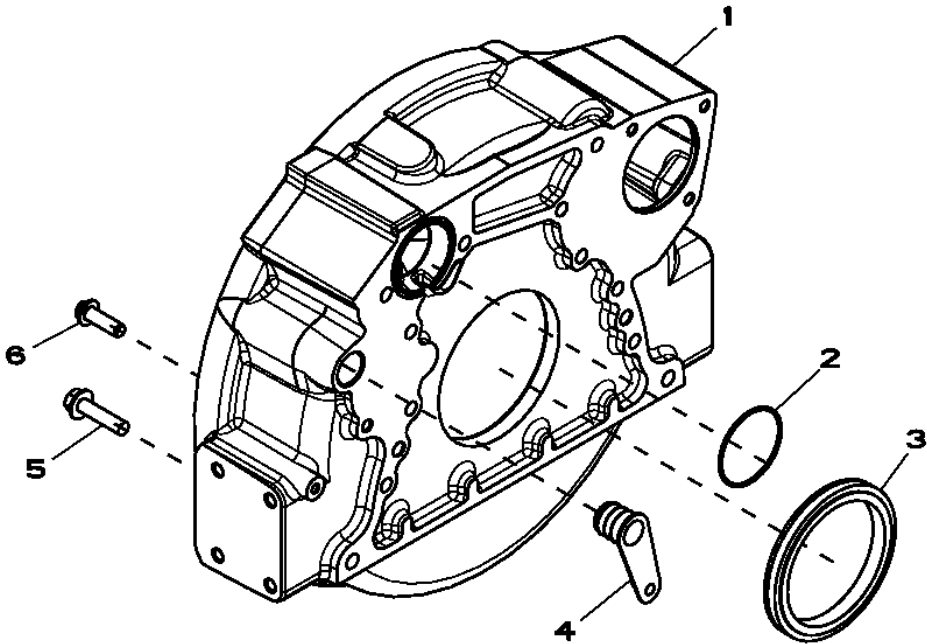


1406_RE59299_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R135918	Bolt	8		
2	19M8306	Screw	4		M12 X 50
3	AR106083	Plug	1		
4	R503451	Housing	1		
5	R61467	O-Ring	1		
6	RE44574	Seal	1		
7	R131769	Plug	1		
8	T13518	Plug	1		
9	15H584	Pipe Plug	1		1/2"
10	19M7774	Screw	2		M6 X 12
11	R121039	Plate	1		

1407 Flywheel Housing

RE59441PCDE01 A.1

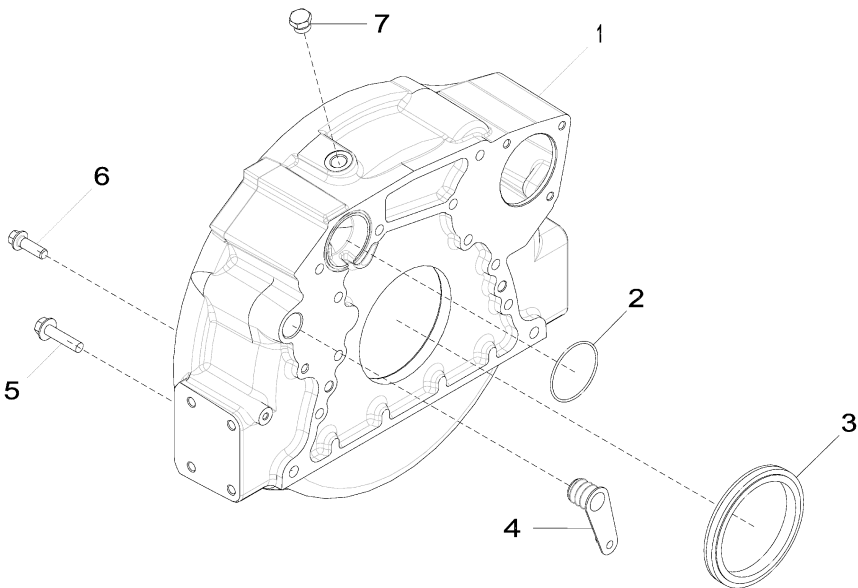


RE59441PCDE01

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R503452	Housing	1		(Also Order R61467)
2	R61467	O-Ring	1		
3	RE44574	Seal	1		
4	R131769	Plug	1		
5	19M8306	Screw	4		M12 X 50
6	R135918	Bolt	8		M12 X 38

1420 Flywheel Housing

1420_RE500194_PCD A.1

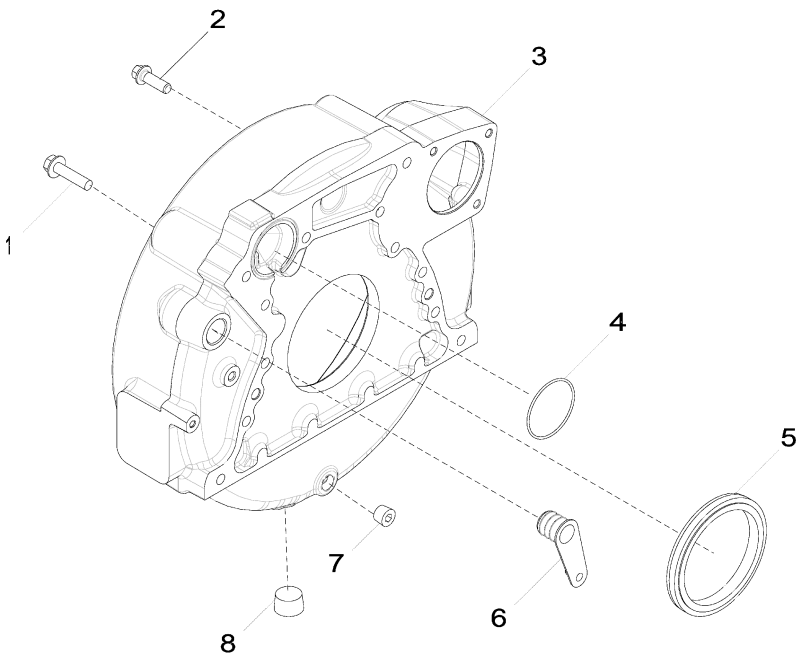


1420_RE500194_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R503453	Housing	1		
2	R61467	O-Ring	1		
3	RE44574	Seal	1		
4	R131769	Plug	1		
5	19M8306	Screw	4		M12 X 50
6	R135918	Bolt	8		
7	R39112	Fitting	1		

1459 Flywheel Housing

1459_RE518278_PCD A.1

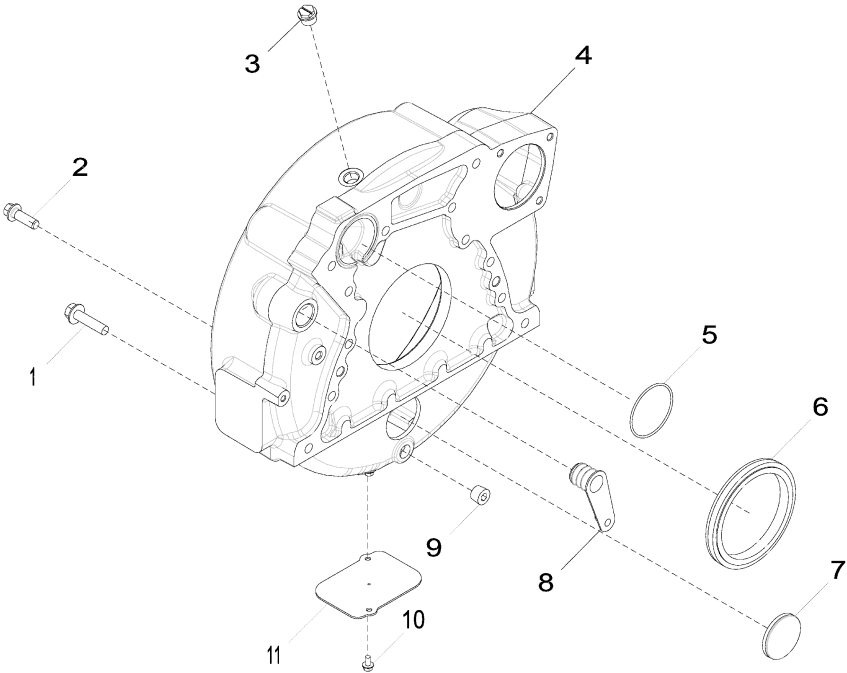


1459_RE518278_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	19M8306	Screw	4		M12 X 50
2	R135918	Bolt	8		
3	R516531	Housing	1		
4	R61467	O-Ring	1		
5	RE44574	Seal	1		
6	R131769	Plug	1		
7	15H584	Pipe Plug	1		1/2"
8	15H562	Pipe Plug	1		1"

1460 Flywheel Housing

1460_RE518405_PCD A.1

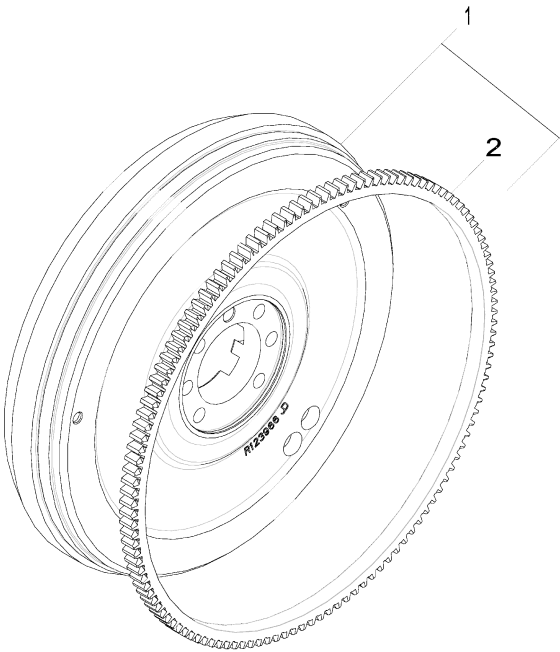


1460_RE518405_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	19M8306	Screw	4		M12 X 50
2	R135918	Bolt	8		
3	AR106083	Plug	1		
4	R516889	Housing	1		
5	R61467	O-Ring	1		
6	RE44574	Seal	1		
7	T13518	Plug	1		
8	R131769	Plug	1		
9	15H584	Pipe Plug	1		1/2"
10	19M7774	Screw	2		M6 X 12
11	R121039	Plate	1		

1509 Flywheel

1509_RE59289_PCD A.3

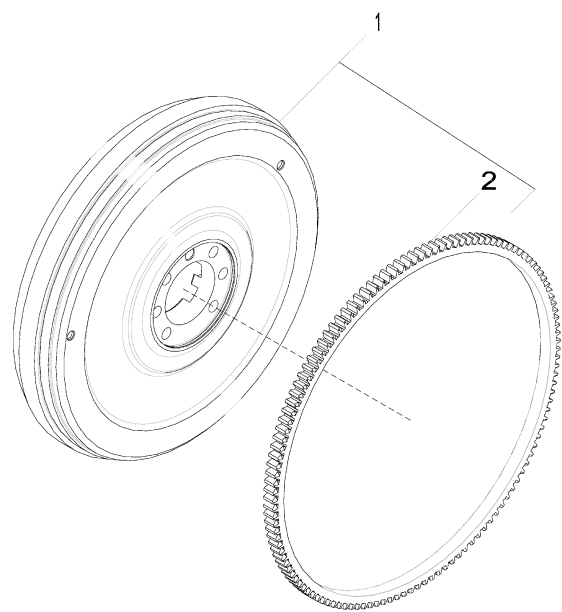


1509_RE59289_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE500516	Flywheel	1		MARKED R123966
2	R28811	Ring Gear	1		

1597 Flywheel

1597_RE529611_PCD A.1

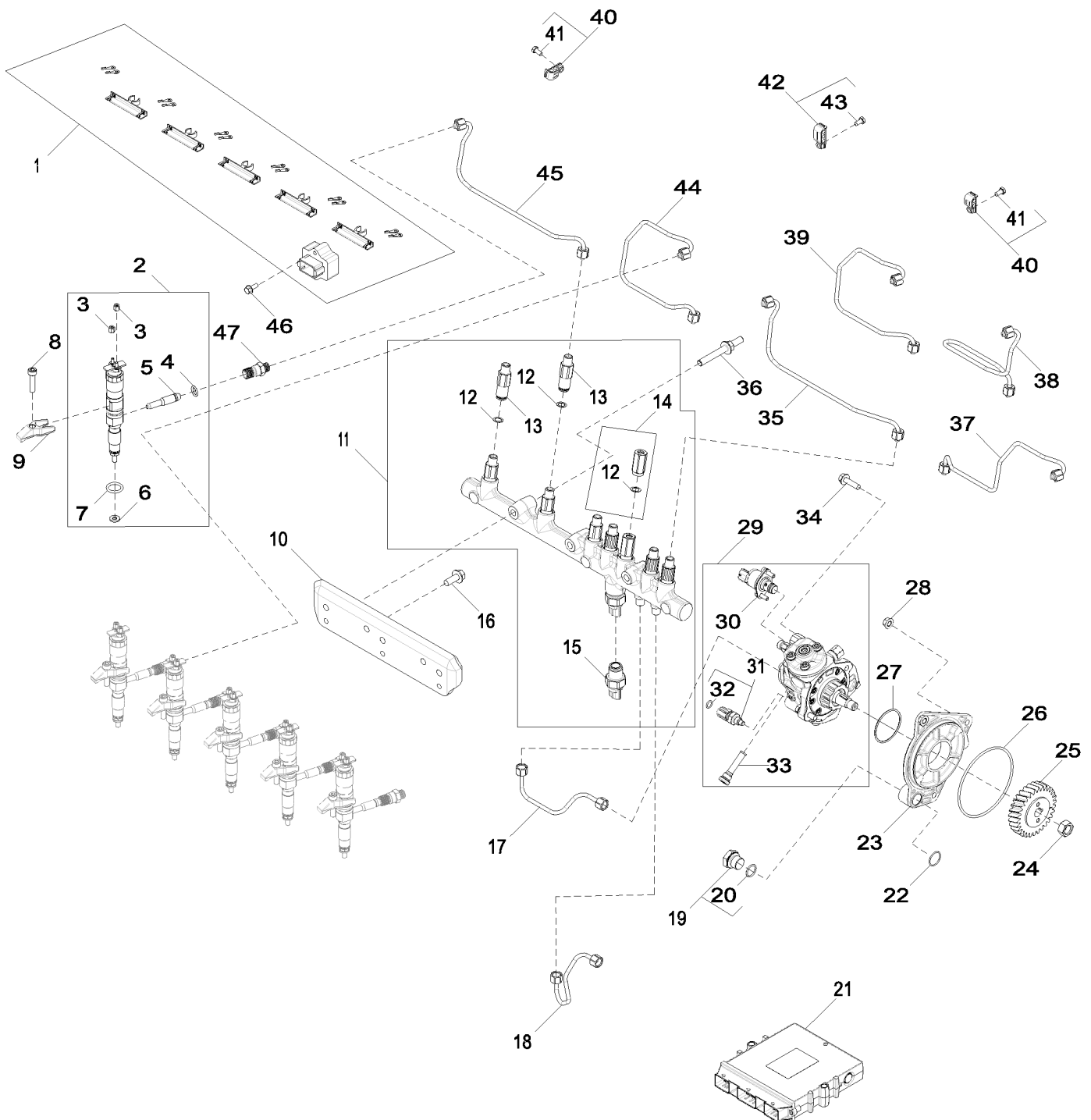


1597_RE529611_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE529610	Flywheel	1		
2	R28811	Ring Gear	1		

1679 Fuel Injection Pump

1679_RE540213_PCD A.1

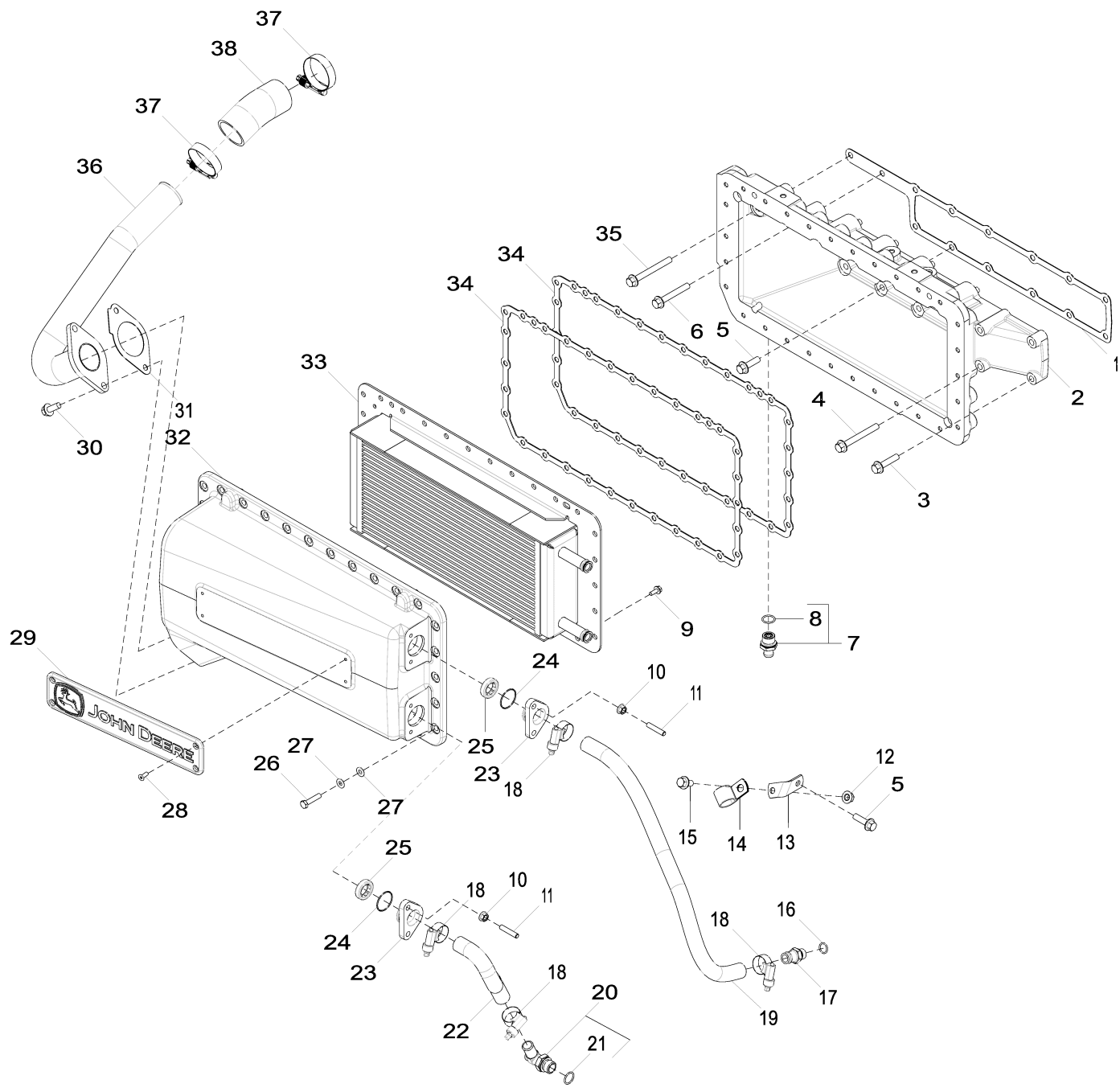


1679_RE540213_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE509093	Wiring Harness	1		
2	RE533454	Injection Nozzle	6		(Includes R65397, R131051, RE522594, R505452 & (2) R134920)
	SE501934	Injection Nozzle Reman	6		
3	R134920	Nut	12		
4	R65397	O-Ring	6		
5	RE522594	Tube	6		
6	R131051	Washer	6		
7	R505452	O-Ring	6		
8	R504781	Cap Screw	6		
9	R518345	Clamp	6		
10	R521530	Bracket	1		
11	RE522596	Rail	1		
12	R515454	Shim	7		
13	RE515636	Restrictor	6		
14	RE516335	Pressure Relief Valve	1		(Includes R515454)
15	RE520930	Sensor	1		
16	19M7785	Screw	2		M10 X 25
17	RE527055	Fuel Line	1		
18	RE527054	Fuel Line	1		
19	RE517370	Fitting	1		
20	51M7044	O-Ring	1		17.300 X 2.200 mm
21	RE531808	Electronic Control Unit	1		
22	R116031	O-Ring	1		
23	R504577	Adapter Fitting	1		
24	R91360	Nut	1		
25	R502541	Gear	1		
26	R55453	O-Ring	1		
27	R516125	O-Ring	1		
28	14M7298	Flange Nut	3		M8
29	RE507959	Fuel Injection Pump	1		SUB FOR RE527528
	SE501915	Fuel Injection Pump Reman	1		REMAN FOR RE507959
	SE501916	Fuel Injection Pump Reman	1		REMAN FOR RE527528
30	RE534109	Control Valve	1		
31	RE516336	Fuel Temperature Sensor	1		
32	R524234	O-Ring	1		
33	RE516999	Screen	1		
34	19M7868	Screw	2		M8 X 30
35	RE529402	Fuel Line	1		
36	R529168	Stud	3		
37	RE529398	Fuel Line	1		
38	RE529399	Fuel Line	1		
39	RE529401	Fuel Line	1		
40	RE19797	Clamp	5		
41	19M6614	Cap Screw	1		M6 X 12
42	RE20901	Clamp	1		
43	19M8560	Cap Screw	1		M6 X 12
44	RE529403	Fuel Line	1		
45	RE529404	Fuel Line	1		
46	19M7775	Screw	2		M6 X 16
47	R515044	Fitting	6		(Also Order R65397)

17A5 Air Intake

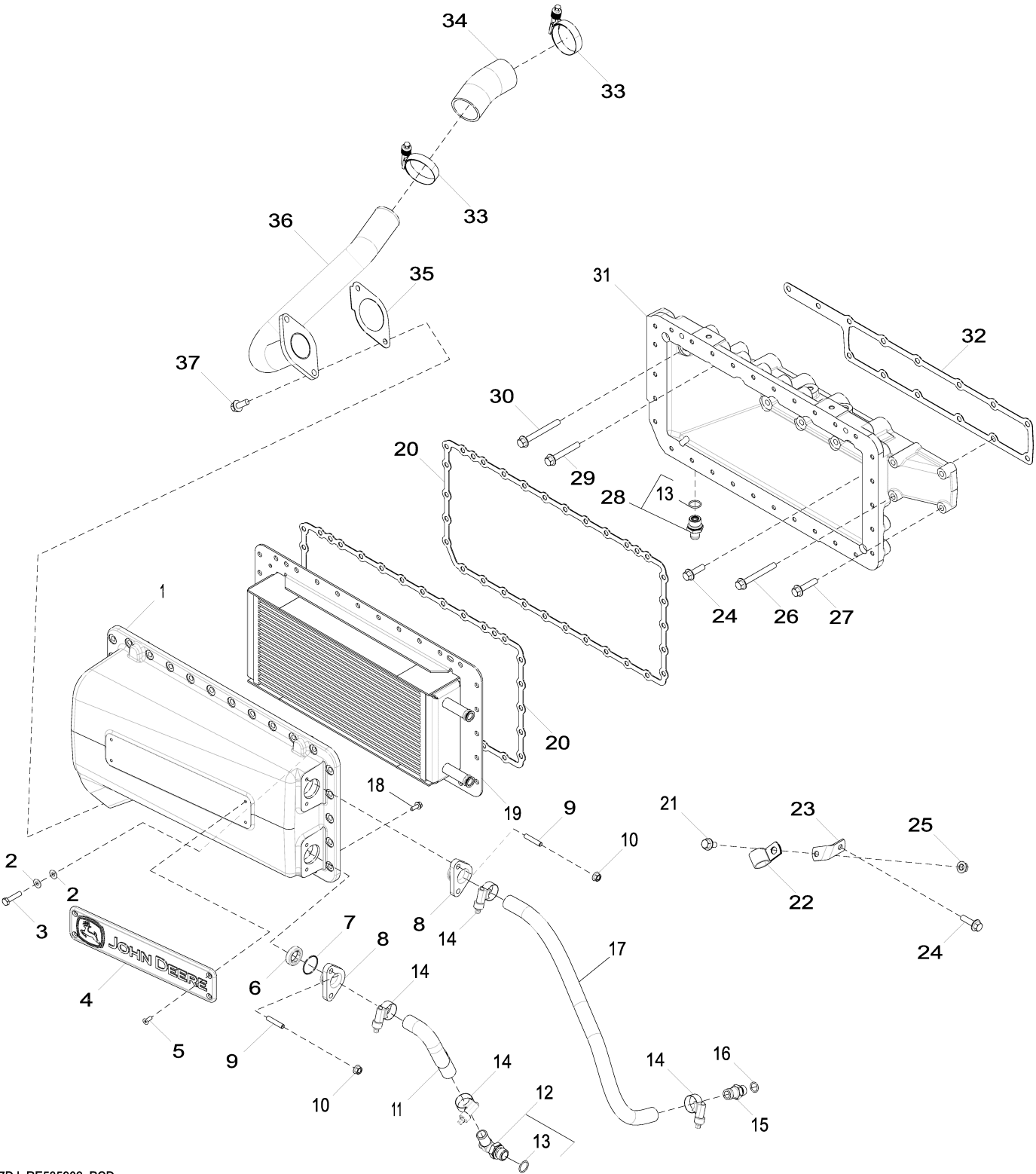
17A5_RE548802_PCD A.1



17A5_RE548802_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R526730	Gasket	1		
2	R526361	Housing	1		
3	19M8320	Screw	2		M10 X 45
4	19M8977	Screw	2		M10 X 85
5	19M7835	Screw	9		M10 X 35
6	19M7809	Screw	1		M10 X 70
7	RE517430	Hose Fitting	1		
8	51M7045	O-Ring	1		19.300 X 2.200 mm
9	19M7775	Screw	2		M6 X 16
10	14M7298	Flange Nut	4		M8
11	R528198	Stud	4		
12	14M7296	Flange Nut	1		M10
13	R133722	Bracket	1		
14	R72659	Clamp	1		
15	19M7784	Screw	1		M10 X 20
16	51M7043	O-Ring	1		15.300 X 2.200 mm
17	R521324	Fitting	1		
18	R524513	Hose Clamp	4		
19	R526744	Hose	1		
20	RE502699	Elbow Fitting	1		
21	51M7045	O-Ring	1		19.300 X 2.200 mm
22	R526743	Hose	1		
23	R527836	Cover	2		
24	AT159816	Seal Kit	2		
25	R527807	Seal	2		
26	19M8008	Cap Screw	30		M8 X 35
27	R525086	Spring Washer	60		
28	19M8826	Screw	4		M6 X 16
29	R526123	Identification Plate	1		
30	19M7785	Screw	2		M10 X 25
31	R526677	Gasket	1		
32	RE535880	Housing	1		
33	RE535137	Core	1		
34	R526449	Gasket	2		
35	19M7811	Screw	1		M10 X 90
36	RE548801	Tube	1		
37	RE67208	Clamp	2		
38	R528396	Hose	1		

17DJ Air Intake
17DJ_RE535902_PCD A.1

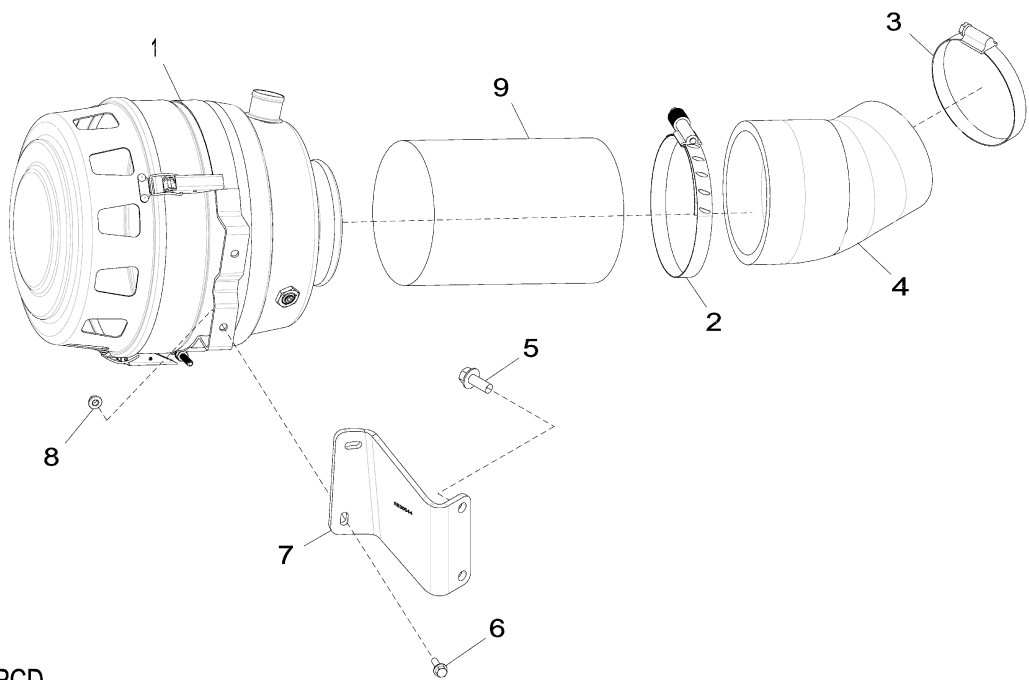


17DJ_RE535902_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE535880	Housing	1		(Includes (4) R528198)
2	R525086	Spring Washer	60		
3	19M8008	Cap Screw	30		M8 X 35
4	R526123	Identification Plate	1		
5	19M8826	Screw	4		M6 X 16
6	R527807	Seal	2		
7	AT159816	Seal Kit	2		
8	R527836	Cover	2		
9	R528198	Stud	4		
10	14M7298	Flange Nut	4		M8
11	R526743	Hose	1		
12	RE502699	Elbow Fitting	1		(Includes 51M7045)
13	51M7045	O-Ring	2		19.300 X 2.200 mm
14	TY22466	Clamp	4		
15	R521324	Fitting	1		
16	51M7043	O-Ring	1		15.300 X 2.200 mm
17	R526744	Hose	1		
18	19M7775	Screw	2		M6 X 16
19	RE535137	Core	1		
20	R526449	Gasket	2		
21	19M7784	Screw	1		M10 X 20
22	R72659	Clamp	1		
23	R133722	Bracket	1		
24	19M7835	Screw	9		M10 X 35
25	14M7296	Flange Nut	1		M10
26	19M8977	Screw	2		M10 X 85
27	19M8320	Screw	2		M10 X 45
28	RE517430	Hose Fitting	1		(Includes 51M7045)
29	19M7809	Screw	1		M10 X 70
30	19M7811	Screw	1		M10 X 90
31	R526361	Housing	1		
32	R526730	Gasket	1		
33	RE67208	Clamp	2		
34	R528396	Hose	1		
35	R526677	Gasket	1		
36	RE539135	Tube	1		
37	19M7785	Screw	2		M10 X 25

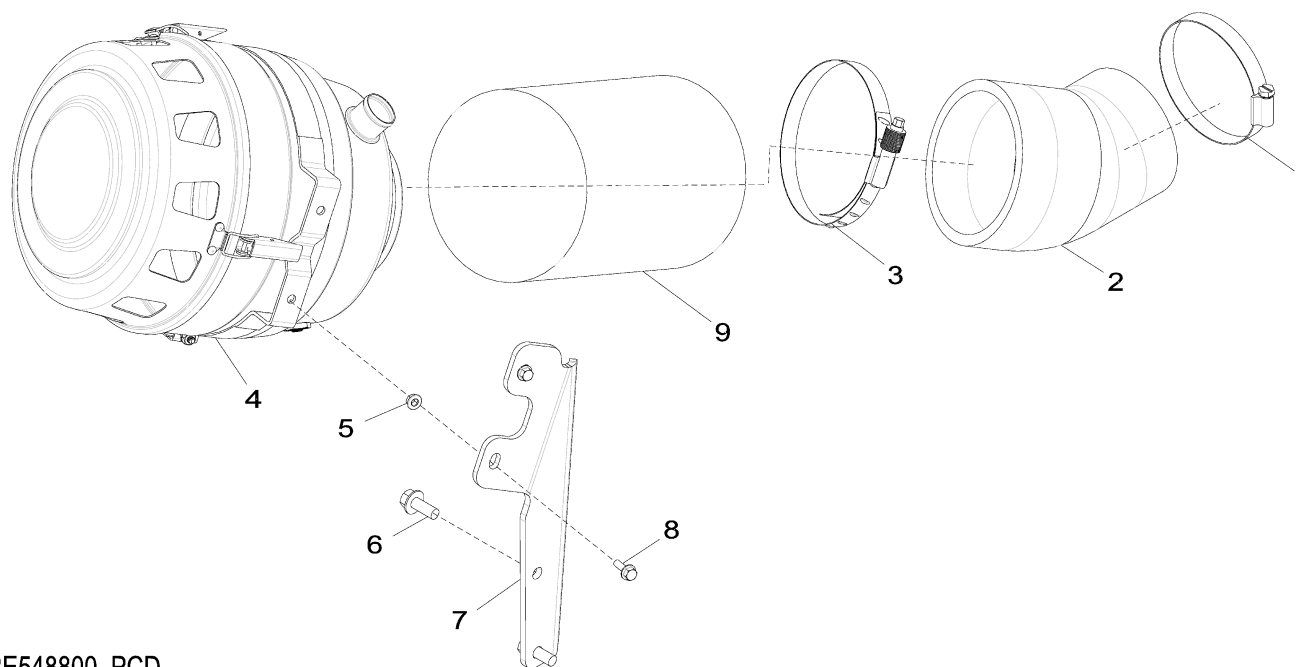
1842 Air Cleaner

1842_RE535903_PCD B.2



1842_RE535903_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE527919	Air Cleaner	1		
2	RE67747	Clamp	1		
3	RE67746	Hose Clamp	1		
4	R530501	Hose	1		
5	19M7785	Screw	2		M10 X 25
6	19M7862	Screw	2		M6 X 20
7	R530544	Bracket	1		
8	14M7303	Flange Nut	2		M6
9	RE527920	Air Cleaner	1		

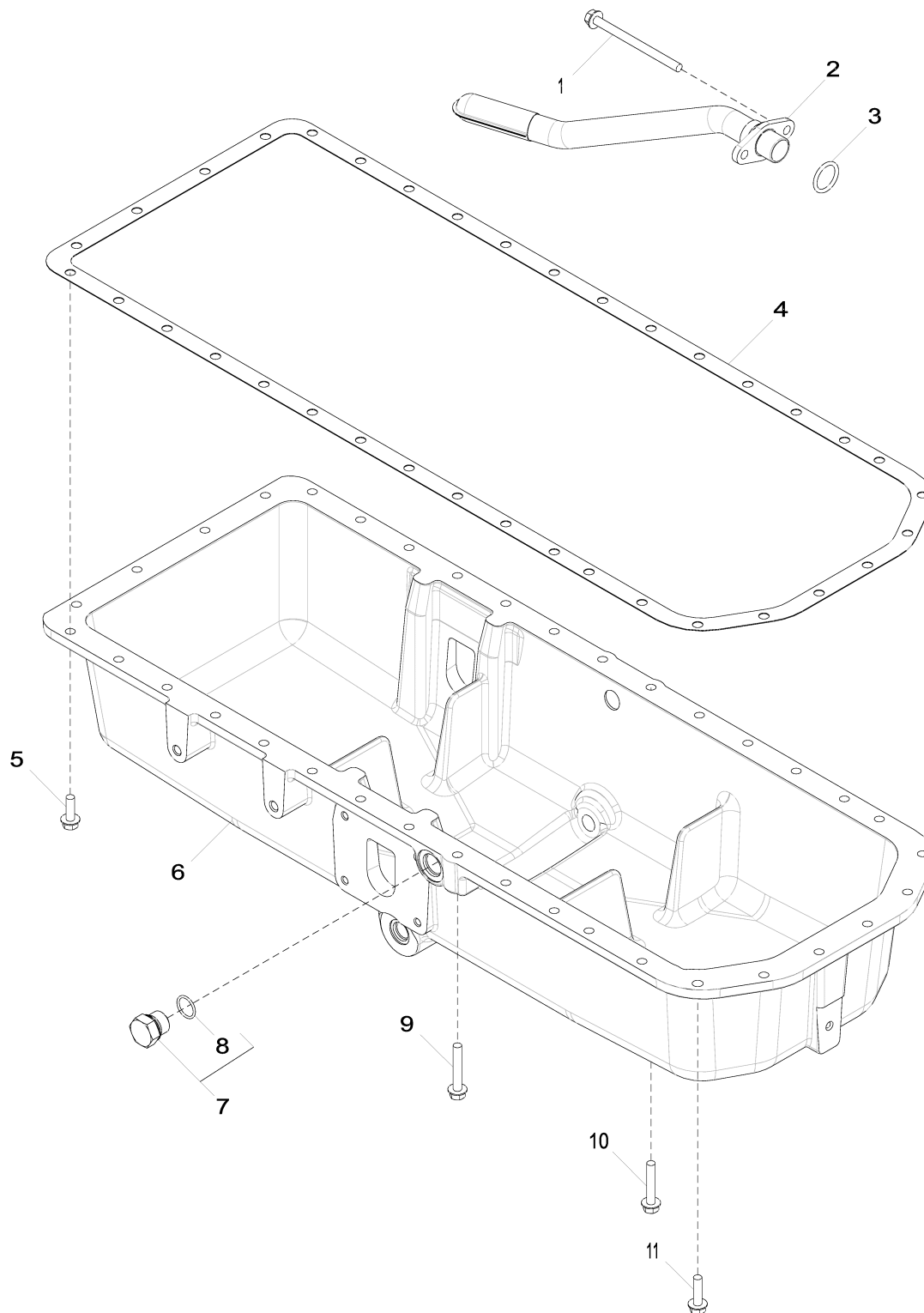


1856_RE548800_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE67746	Hose Clamp	1		SUB FOR AR85327
2	R530501	Hose	1		
3	RE67747	Clamp	1		SUB FOR AR85329
4	RE527919	Air Cleaner	1		
5	14M7303	Flange Nut	2		M6
6	19M7785	Screw	2		M10 X 25
7	R533869	Bracket	1		
8	19M7862	Screw	2		M6 X 20
9	RE527920	Air Cleaner	1		

19BP Oil Pan

19BP_RE535904_PCD A.1

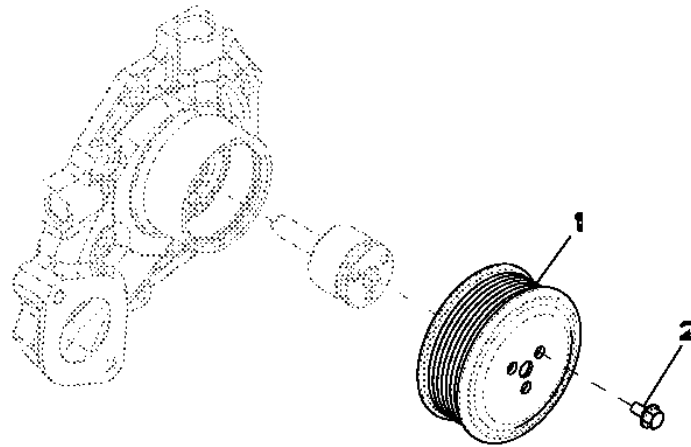


19BP_RE535904_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	19M10075	Screw	2		M8 X 110
2	RE535747	Tube	1		
3	R61871	O-Ring	1		
4	R123354	Gasket	1		
5	19M7867	Screw	27		M8 X 25
6	R526680	Oil Pan	1		
7	RE46687	Drain Plug	1		
8	51M7045	O-Ring	1		19.300 X 2.200 mm
9	19M7800	Screw	1		M8 X 50
10	19M7799	Screw	2		M8 X 45
11	19M7868	Screw	6		M8 X 30

2001 Water Pump Pulley

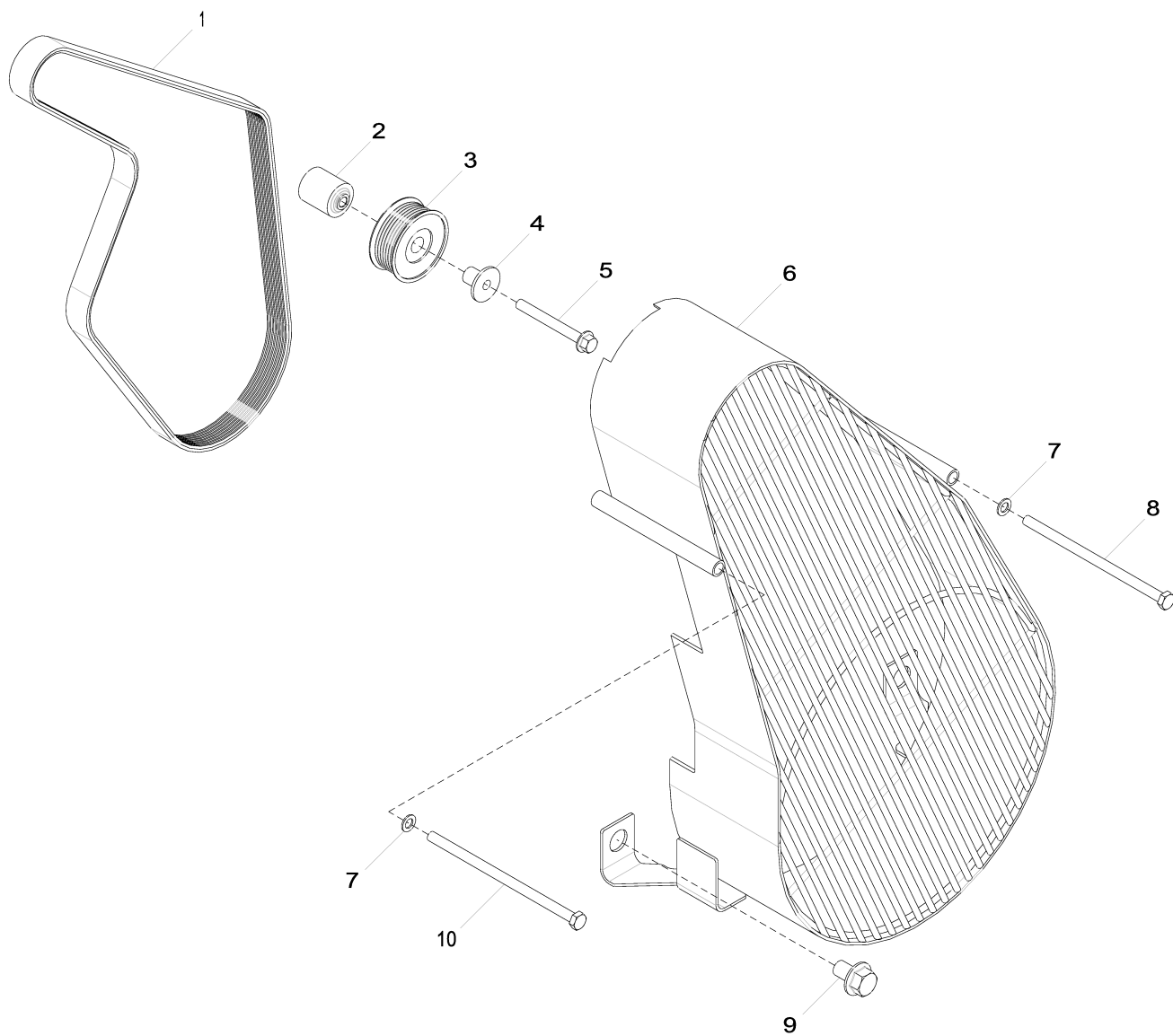
RE58175PCDD02 A.1



RE58175PCDD02

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R115250	Pulley	1		
2	19M7774	Screw	3		M6 X 12

24GB Fan Belt
24GB_RE529583_PCD A.1

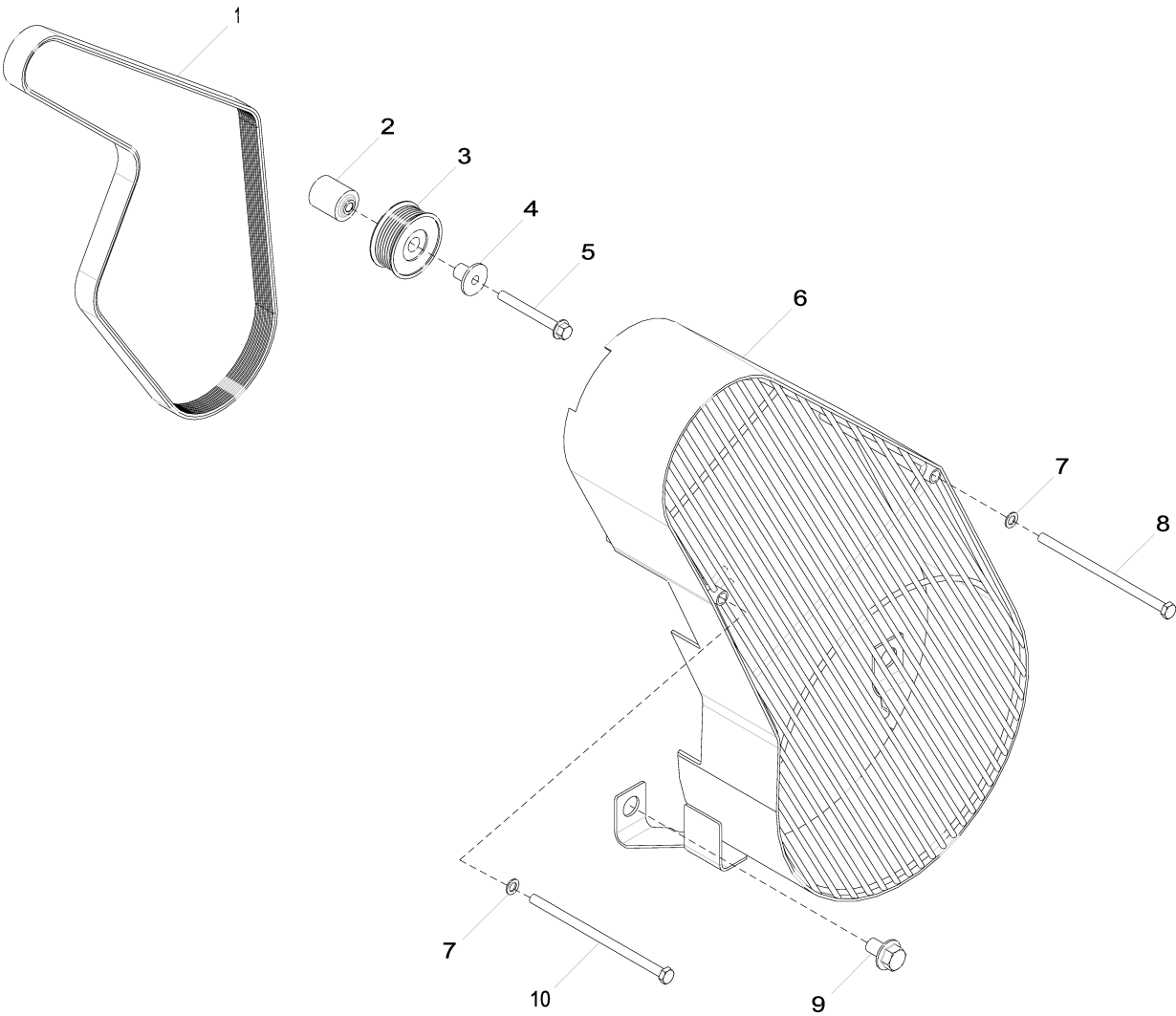


24GB_RE529583_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R524006	V-Belt	1		
2	R133643	Spacer	1		NLA; ORDER R529378
3	AT211041	Pulley	1		
4	R529790	Sleeve	1		
5	19M7811	Screw	1		M10 X 90
6	RE529278	Guard	1		
7	24M7096	Washer	2		10.500 X 18 X 1.600 mm
8	19M8236	Cap Screw	1		M10 X 190
9	19M8468	Screw	2		M16 X 25
10	19M9423	Cap Screw	1		M10 X 200

24GC Fan Belt

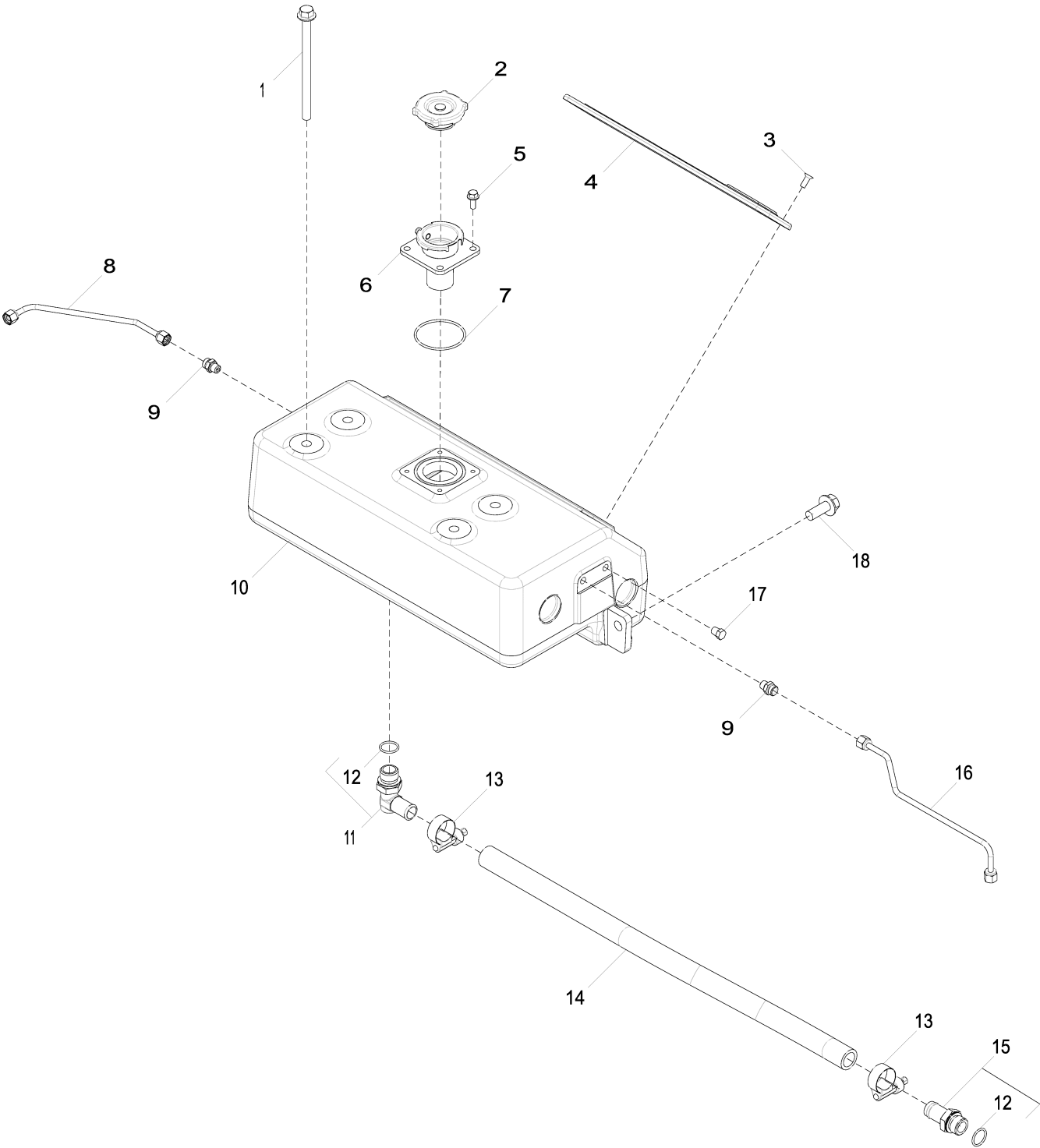
24GC_RE529584_PCD A.1



24GC_RE529584_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R523124	V-Belt	1		
2	R133643	Spacer	1		NLA; ORDER R529378
3	AT211041	Pulley	1		
4	R529790	Sleeve	1		
5	19M7811	Screw	1		M10 X 90
6	RE529279	Guard	1		
7	24M7096	Washer	2		10.500 X 18 X 1.600 mm
8	19M8236	Cap Screw	1		M10 X 190
9	19M8468	Screw	2		M16 X 25
10	19M9423	Cap Screw	1		M10 X 200

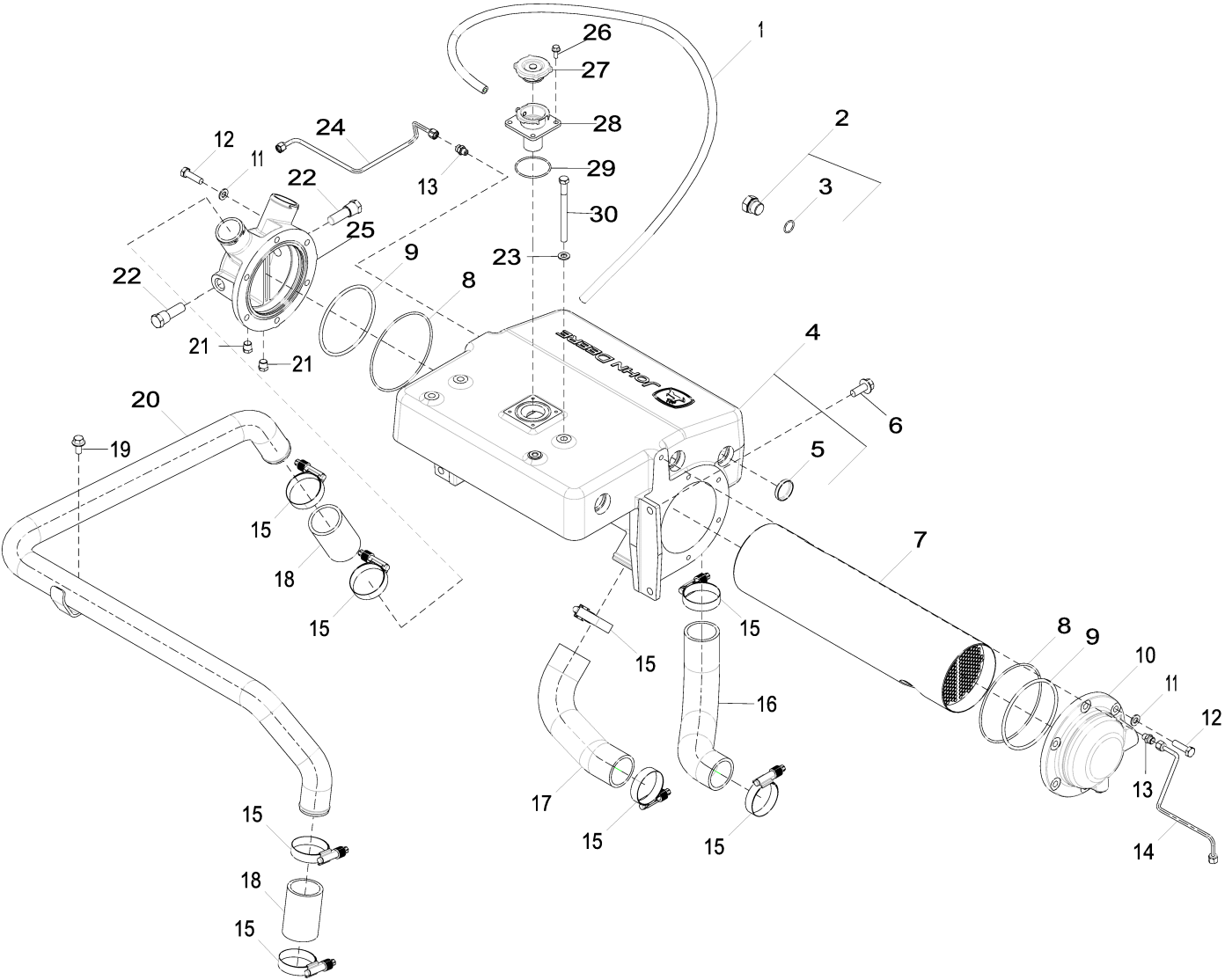
2727 Expansion Tank
2727_RE535906_PCD A.1



2727_RE535906_PCD

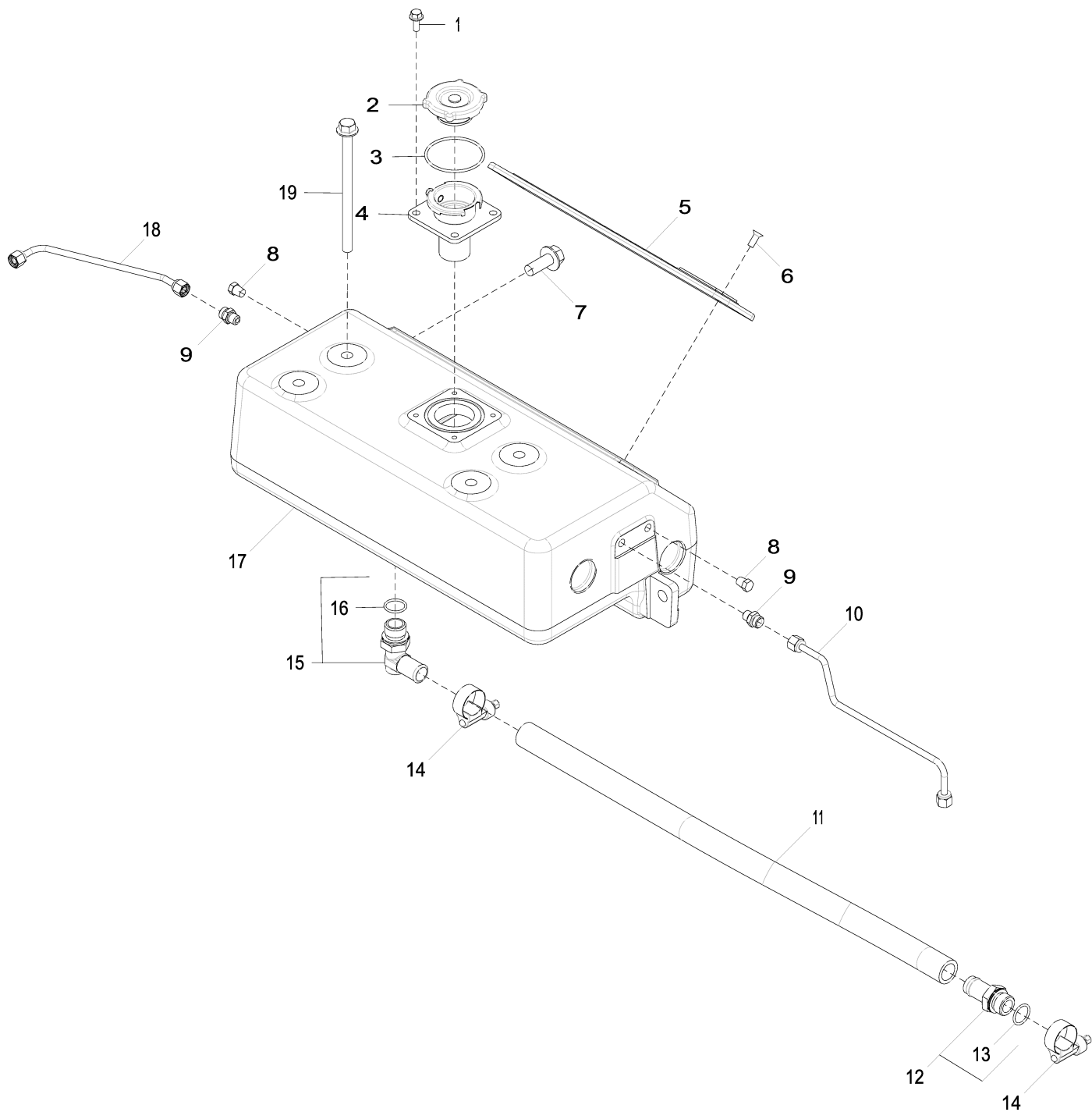
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	19M7958	Screw	4		M10 X 150
2	AT183451	Filler Cap	1		
3	19M8826	Screw	4		M6 X 16
4	R526123	Identification Plate	1		
5	19M7775	Screw	4		M6 X 16
6	RE46165	Filler Neck	1		
7	H63262	O-Ring	1		
8	RE535753	Tube	1		
9	R63604	Fitting	2		
10	RE536037	Housing	1		
11	RE502699	Elbow Fitting	1		(Includes 51M7045)
12	51M7045	O-Ring	2		19.300 X 2.200 mm
13	TY22466	Clamp	2		
14	R527313	Hose	1		
15	RE523483	Fitting	1		(Includes 51M7045)
16	RE535749	Tube	1		
17	15H712	Pipe Plug	2		1/8"
18	19M7789	Screw	2		M12 X 30

2728 Heat Exchanger
2728_RE536552_PCD A.1



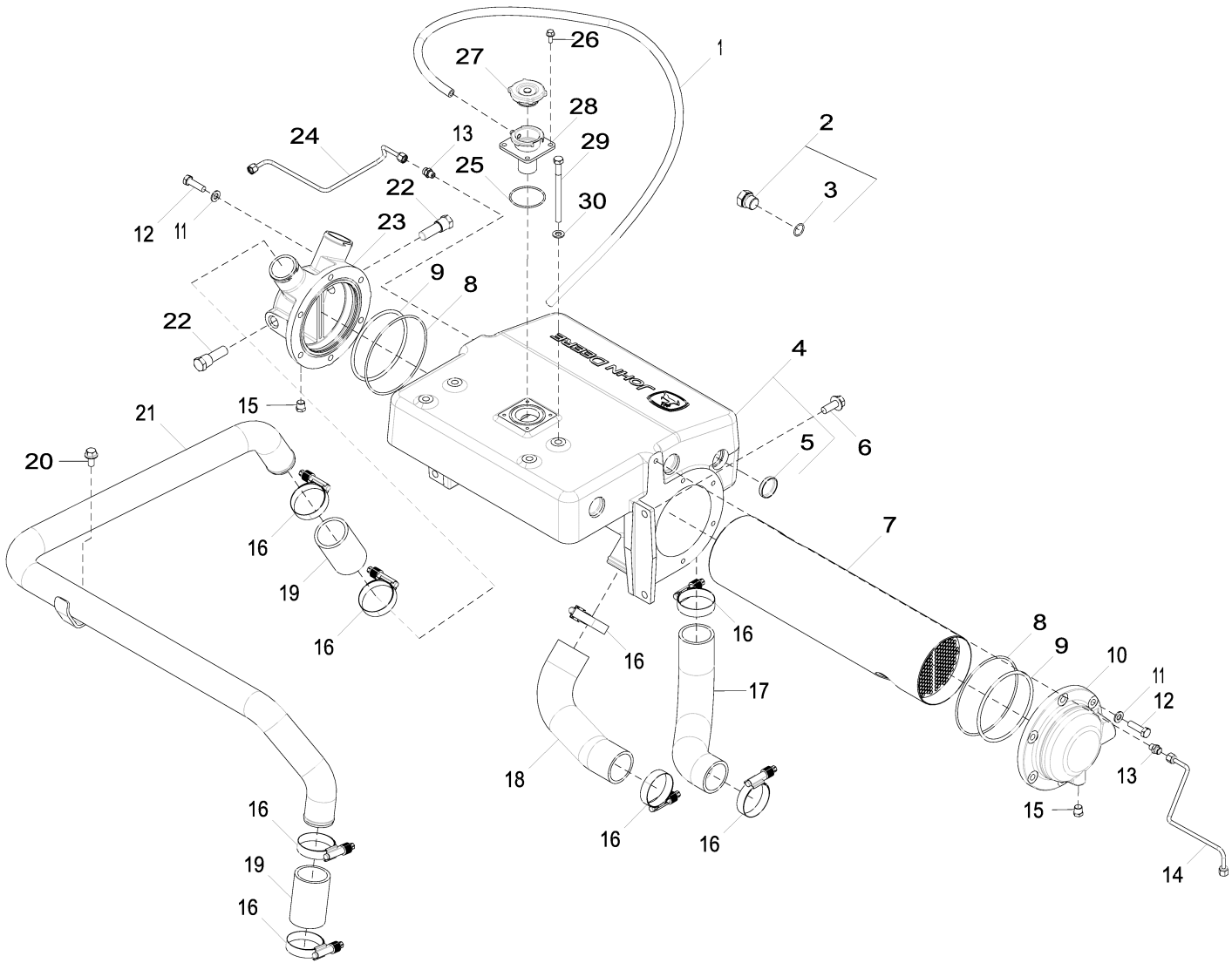
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R76265	Hose	1		
2	RE46687	Drain Plug	1		
3	51M7045	O-Ring	1		19.300 X 2.200 mm
4	RE542507	Housing	1		
5	R531417	Plug	8		
6	19M7789	Screw	4		M12 X 30
7	RE528305	Core	1		
8	T20779	Ring	2		
9	T41356	O-Ring	2		
10	R522330	Cover	1		
11	24M7028	Washer	12		10.500 X 20 X 2 mm
12	19M7550	Cap Screw	12		M10 X 35
13	R63604	Fitting	2		
14	RE528286	Line	1		
15	RE67208	Clamp	8		
16	R527287	Hose	1		
17	R522336	Hose	1		
18	R230480	Radiator Hose	2		
19	19M7784	Screw	1		M10 X 20
20	RE535755	Tube	1		
21	H26723	Drain Plug	3		
22	RE54993	Fitting Plug	3		
23	24M7028	Washer	4		10.500 X 20 X 2 mm
24	RE528020	Line	1		
25	R522331	Cover	1		
26	19M7775	Screw	4		M6 X 16
27	AT183451	Filler Cap	1		
28	RE46165	Filler Neck	1		
29	H63262	O-Ring	1		
30	N275275	Cap Screw	4		

2729 Expansion Tank
2729_RE541993_PCD A.1

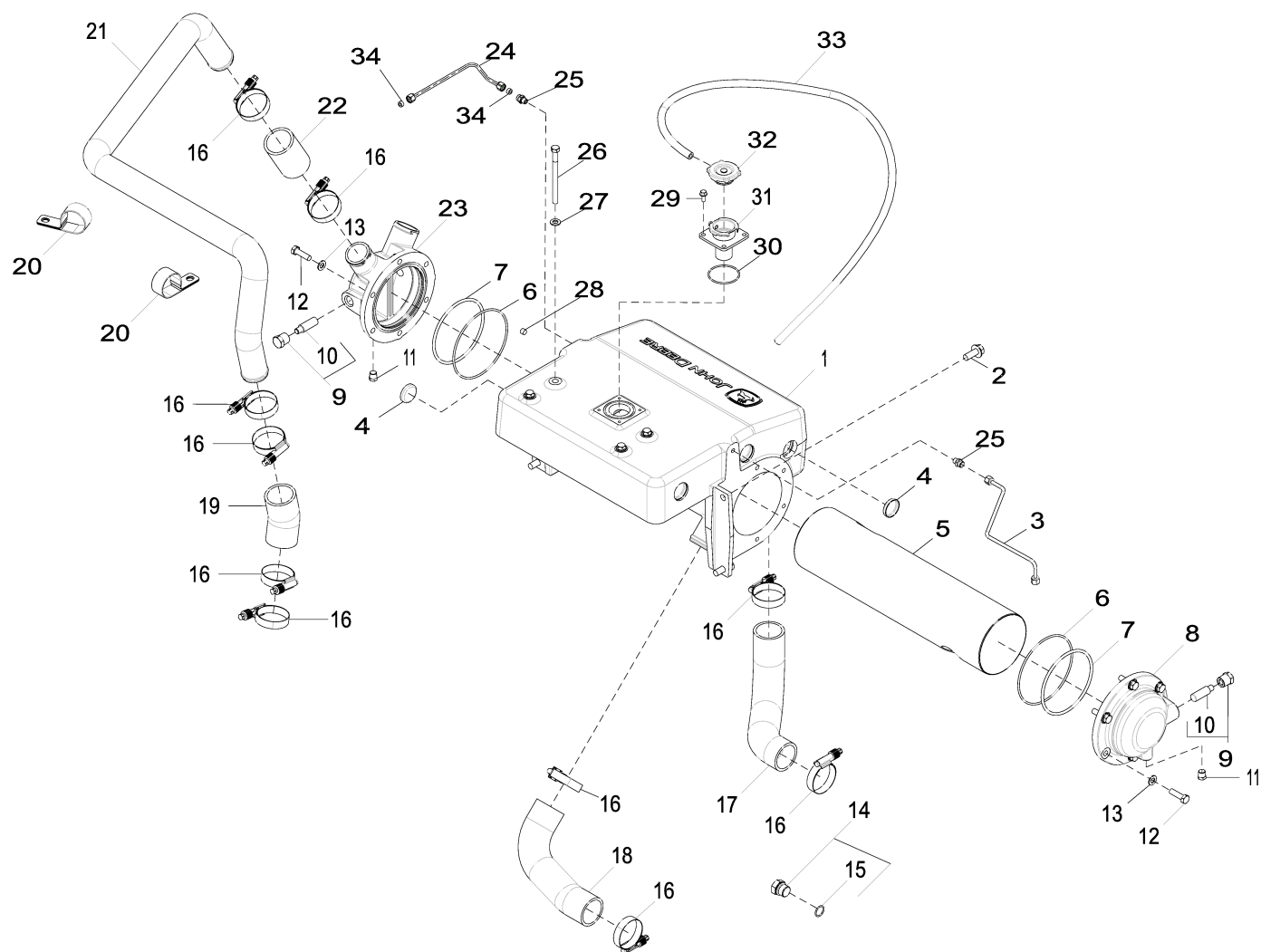


Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	19M7775	Screw	4		M6 X 16
2	AT183451	Filler Cap	1		
3	H63262	O-Ring	1		
4	RE46165	Filler Neck	1		
5	R526123	Identification Plate	1		
6	19M8826	Screw	4		M6 X 16
7	19M7789	Screw	2		M12 X 30
8	15H712	Pipe Plug	2		1/8"
9	R63604	Fitting	2		
10	RE535749	Tube	1		
11	R527313	Hose	1		
12	RE523483	Fitting	1		
13	51M7045	O-Ring	1		19.300 X 2.200 mm
14	R524513	Hose Clamp	2		
15	RE502699	Elbow Fitting	1		
16	51M7045	O-Ring	1		19.300 X 2.200 mm
17	RE536037	Housing	1		
18	RE541995	Line	1		
19	19M7958	Screw	4		M10 X 150

2730 Heat Exchanger
2730_RE541994_PCD A.1

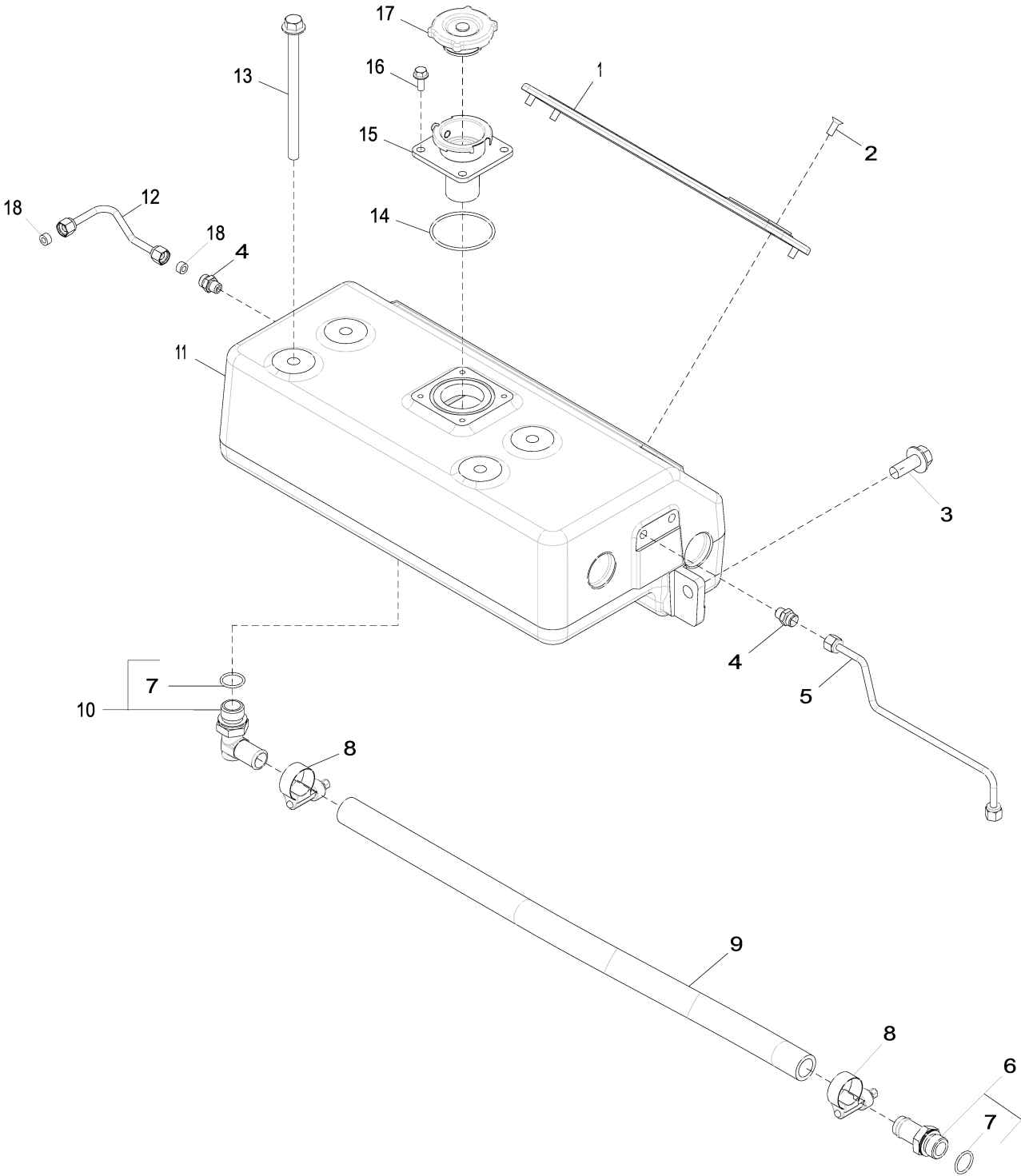


Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R76265	Hose	1		
2	RE46687	Drain Plug	1		
3	51M7045	O-Ring	1		19.300 X 2.200 mm
4	RE542507	Housing	1		
5	R531417	Plug	8		
6	19M7789	Screw	4		M12 X 30
7	RE528305	Core	1		
8	T20779	Ring	2		
9	T41356	O-Ring	2		
10	R522330	Cover	1		
11	24M7028	Washer	12		10.500 X 20 X 2 mm
12	19M7550	Cap Screw	12		M10 X 35
13	R63604	Fitting	2		
14	RE528286	Line	1		
15	H26723	Drain Plug	3		
16	RE67208	Clamp	8		
17	R527287	Hose	1		
18	R522336	Hose	1		
19	R230480	Radiator Hose	2		
20	19M7784	Screw	1		M10 X 20
21	RE535755	Tube	1		
22	RE54993	Fitting Plug	3		
23	R522331	Cover	1		
24	RE540551	Line	1		
25	H63262	O-Ring	1		
26	19M7775	Screw	4		M6 X 16
27	AT183451	Filler Cap	1		
28	RE46165	Filler Neck	1		
29	N275275	Cap Screw	4		
30	24M7028	Washer	4		10.500 X 20 X 2 mm



Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE542507	Housing	1		
2	19M7789	Screw	4		M12 X 30
3	RE528286	Line	1		
4	R531417	Plug	8		
5	RE528305	Core	1		
6	T20779	Ring	2		
7	T38485	O-Ring	2		
8	R522330	Cover	1		
9	RE54993	Fitting Plug	3		
10	R119823	Stud	1		
11	H26723	Drain Plug	3		
12	19M7550	Cap Screw	12		M10 X 35
13	24M7028	Washer	12		10.500 X 20 X 2 mm
14	RE46687	Drain Plug	1		
15	51M7045	O-Ring	1		19.300 X 2.200 mm
16	RE67208	Clamp	10		
17	R527287	Hose	1		
18	R522336	Hose	1		
19	R533314	Hose	1		
20	R530587	Hose Clamp	2		
21	RE548804	Tube	1		
22	R230480	Radiator Hose	1		
23	R522331	Cover	1		
24	RE553500	Line	1		SUB FOR RE548840; INCLUDES (2) R51936
25	RE502650	Fitting	2		
26	N275275	Cap Screw	4		
27	24M7028	Washer	4		10.500 X 20 X 2 mm
28	RE71255	Pipe Plug	1		
29	19M7775	Screw	4		M6 X 16
30	H63262	O-Ring	1		
31	RE46165	Filler Neck	1		
32	AT183451	Filler Cap	1		
33	R82454	Hose	1		
34	R51936	Sealing Washer	2		

2763 Expansion Tank
2763_RE548839_PCD B.4

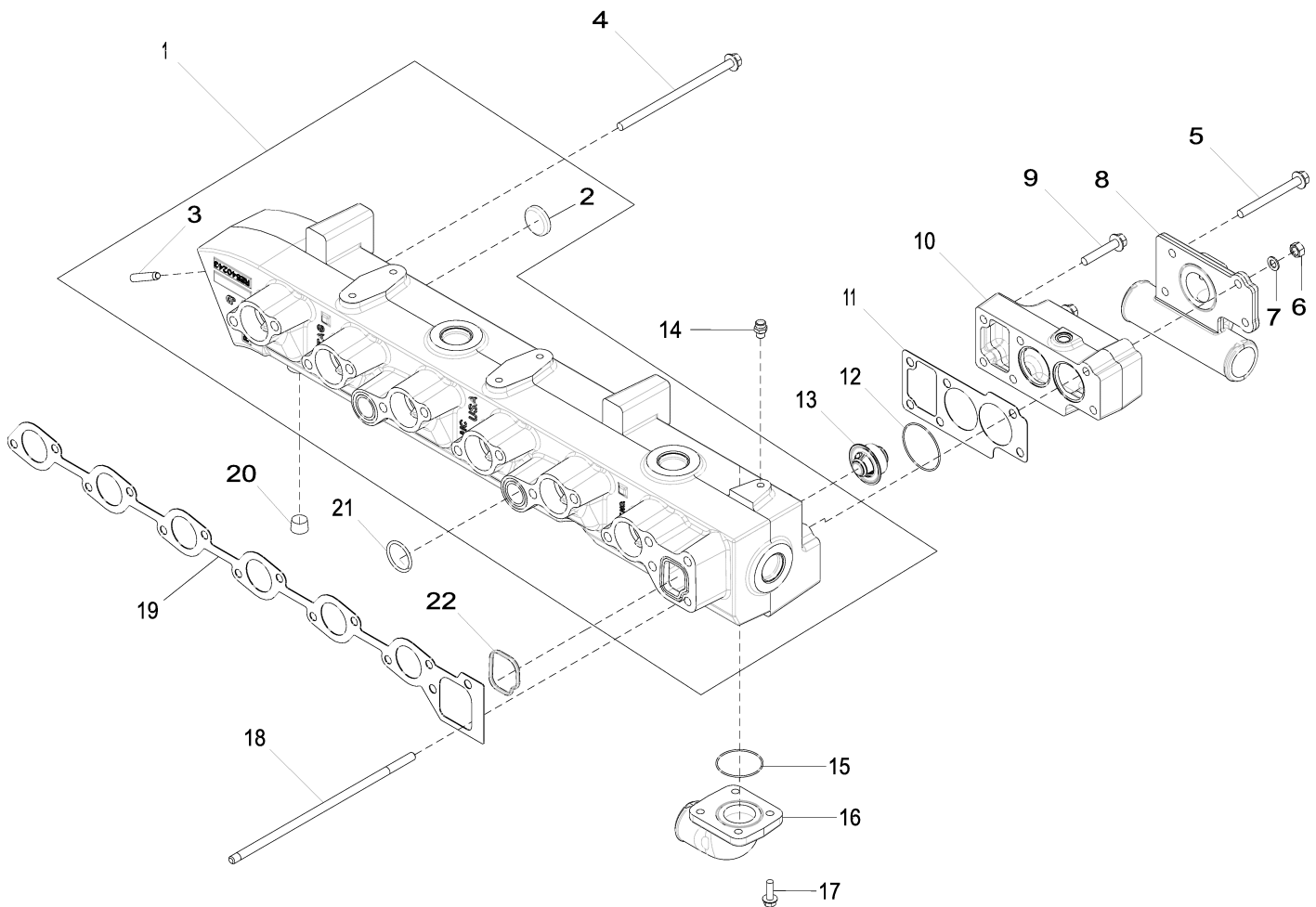


2763_RE548839_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R526123	Identification Plate	1		
2	19M8826	Screw	4		M6 X 16
3	19M7789	Screw	2		M12 X 30
4	RE502650	Fitting	2		
5	RE535749	Tube	1		
6	RE523483	Fitting	1		
7	51M7045	O-Ring	2		19.300 X 2.200 mm
8	R524513	Hose Clamp	2		
9	R527313	Hose	1		
10	RE502699	Elbow Fitting	1		
11	RE536037	Housing	1		
12	RE553501	Line	1		SUB FOR RE548842; INCLUDES (2) R51936
13	19M7958	Screw	4		M10 X 150
14	H63262	O-Ring	1		
15	RE46165	Filler Neck	1		
16	19M7775	Screw	4		M6 X 16
17	AT183451	Filler Cap	1		
18	R51936	Sealing Washer	2		

28AK Exhaust Manifold

28AK_RE535907_PCD A.4

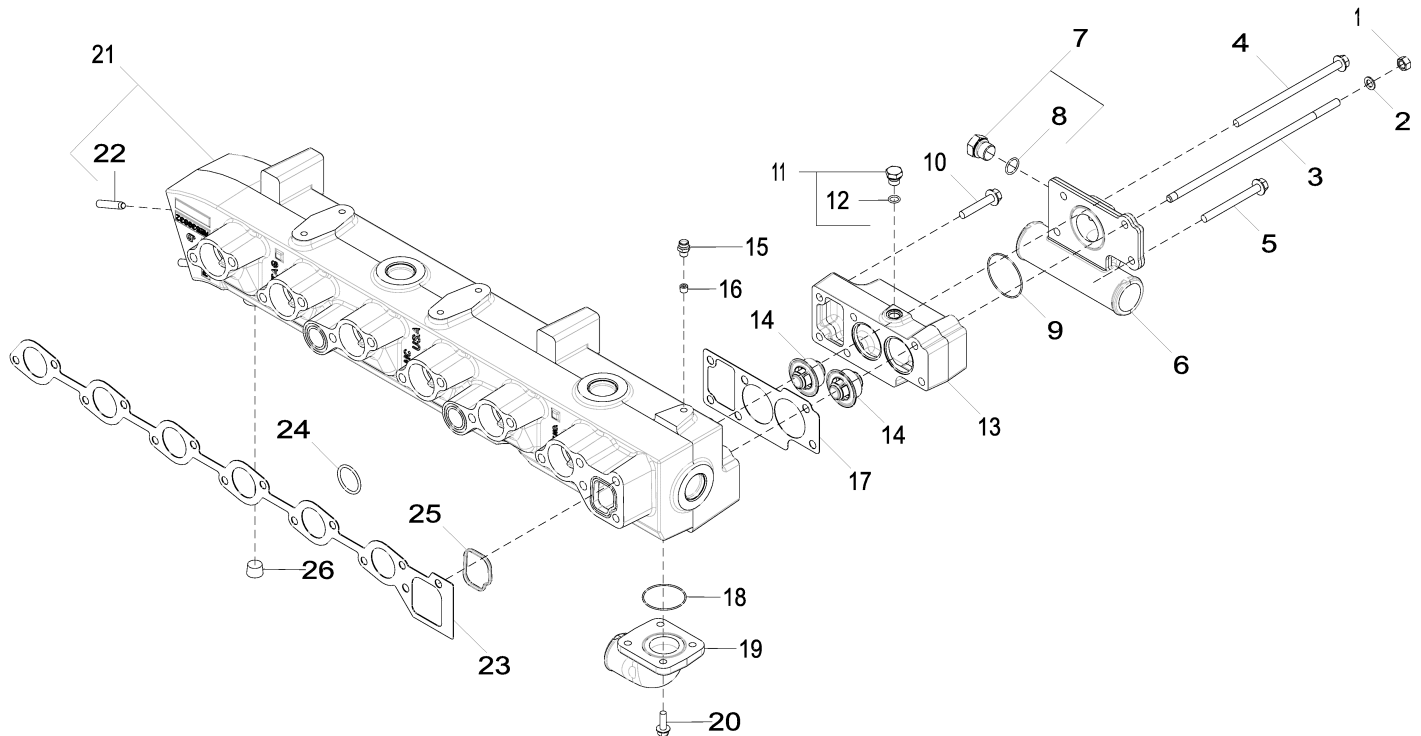


28AK_RE535907_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE540243	Exhaust Manifold	1		
2	R531417	Plug	7		
3	R523331	Stud	4		
4	19M8526	Screw	14		M10 X 190
5	19M7812	Screw	3		M10 X 100
6	14M7274	Nut	1		M10
7	24M7096	Washer	1		10.500 X 18 X 1.600 mm
8	R527284	Cover	1		
9	19M8528	Screw	2		M10 X 55
10	R522333	Housing	1		
11	R522334	Gasket	1		
12	R523027	O-Ring	1		
13	AR48675	Thermostat	2		
14	RE502650	Fitting	1		
15	R516682	O-Ring	1		
16	R522343	Cover	1		
17	19M7867	Screw	4		M8 X 25
18	42M7119	Rod	1		
19	R522314	Gasket	1		
20	15H584	Pipe Plug	1		1/2"
21	R523076	O-Ring	2		
22	R522511	Seal	1		

28AN Exhaust Manifold

28AN_RE536548_PCD A.1

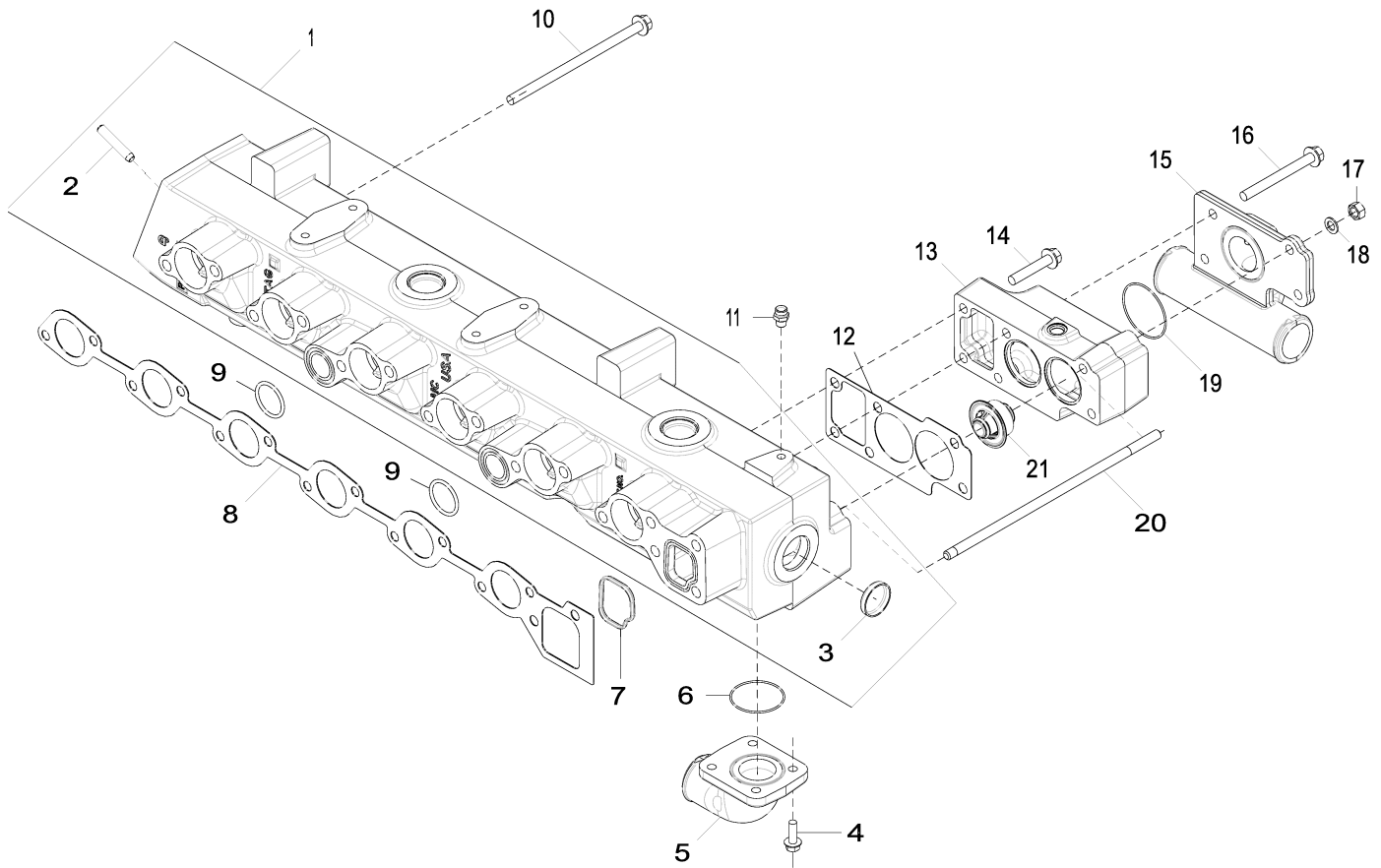


28AN_RE536548_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	14M7274	Nut	1		M10
2	24M7096	Washer	1		10.500 X 18 X 1.600 mm
3	42M7119	Rod	1		
4	19M8526	Screw	14		M10 X 190
5	19M7812	Screw	3		M10 X 100
6	R527284	Cover	1		
7	RE46687	Drain Plug	1		
8	51M7045	O-Ring	1		19.300 X 2.200 mm
9	R523027	O-Ring	1		
10	19M8528	Screw	2		M10 X 55
11	RE46684	Fitting Plug	1		
12	51M7041	O-Ring	1		11.300 X 2.200 mm
13	R522333	Housing	1		
14	AR48675	Thermostat	2		
15	RE502650	Fitting	1		
16	RE71255	Pipe Plug	1		
17	R522334	Gasket	1		
18	R516682	O-Ring	1		
19	R522343	Cover	1		
20	19M7867	Screw	4		M8 X 25
21	RE539832	Exhaust Manifold	1		
22	R523331	Stud	4		
23	R522314	Gasket	1		
24	R523076	O-Ring	2		
25	R522511	Seal	1		
26	15H584	Pipe Plug	1		1/2"

28BK Exhaust Manifold

28BK_RE547089_PCD A.2

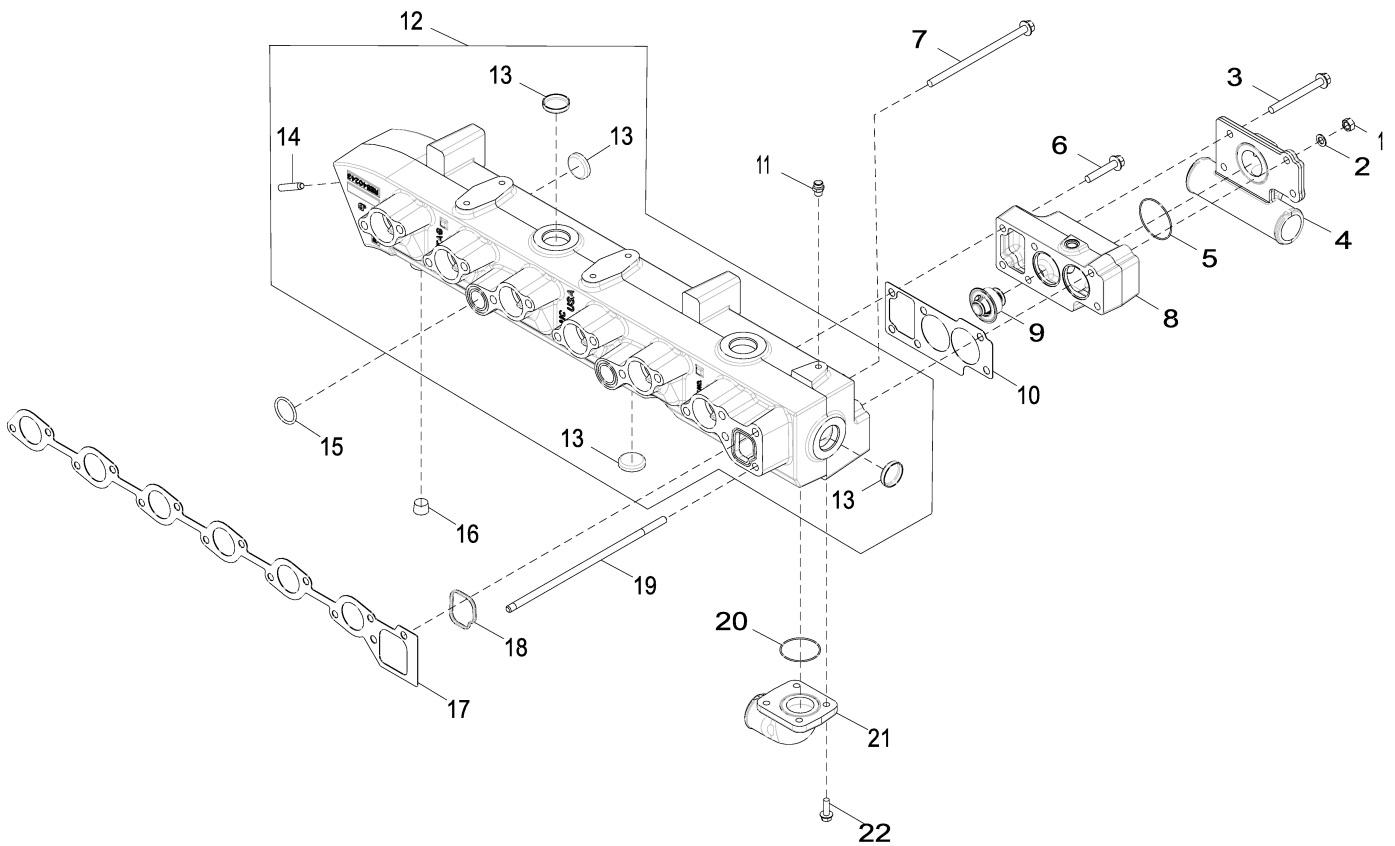


28BK_RE547089_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE546041	Exhaust Manifold	1		
2	R523331	Stud	4		
3	R531417	Plug	7		
4	19M7867	Screw	4		M8 X 25
5	R522343	Cover	1		
6	R516682	O-Ring	1		
7	R522511	Seal	1		
8	R522314	Gasket	1		
9	R523076	O-Ring	2		
10	19M8526	Screw	14		M10 X 190
11	RE502650	Fitting	1		
12	R522334	Gasket	1		
13	R522333	Housing	1		
14	19M8528	Screw	2		M10 X 55
15	R527284	Cover	1		
16	19M7812	Screw	3		M10 X 100
17	14M7274	Nut	1		M10, SUB FOR 14M7039 AND 14M7060
18	24M7096	Washer	1		10.500 X 18 X 1.600 mm
19	R523027	O-Ring	1		
20	42M7119	Rod	1		
21	AR48675	Thermostat	2		

28CJ Exhaust Manifold

28CJ_RE556174_PCD A.1

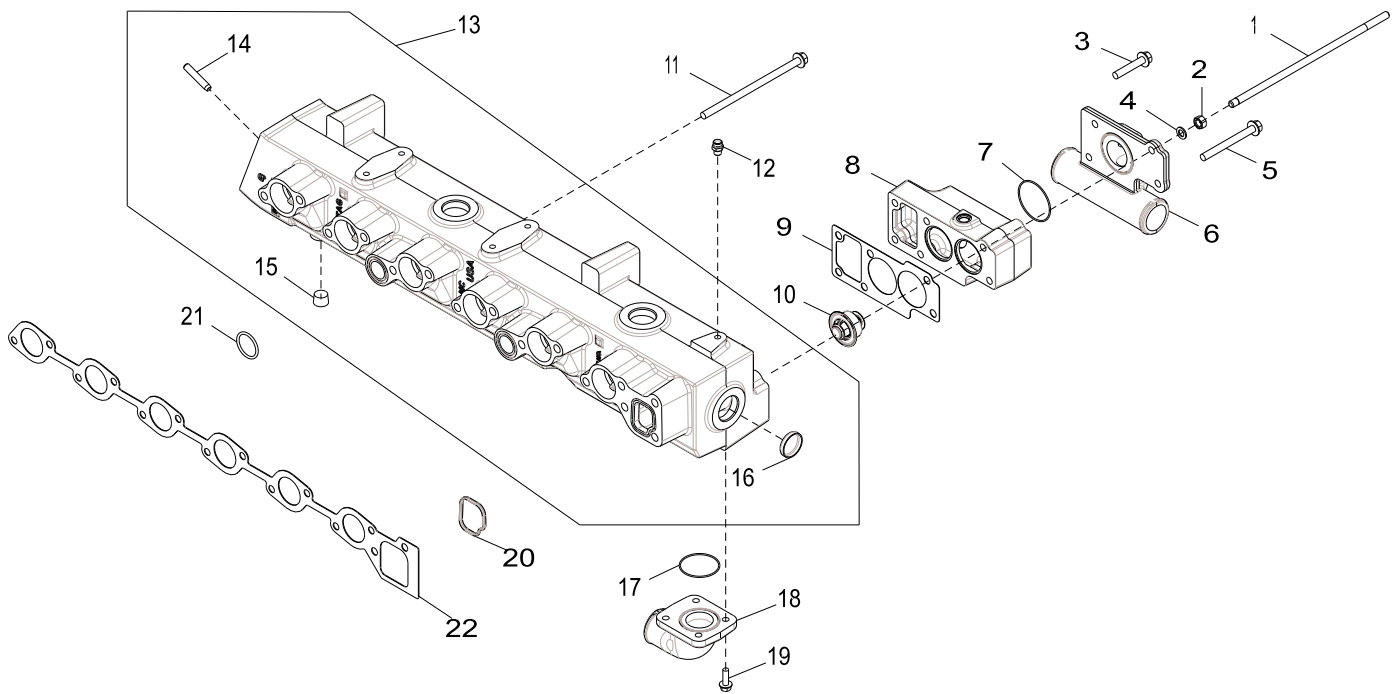


28CJ_RE556174_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	14M7274	Nut	1		M10
2	24M7096	Washer	1		10.500 X 18 X 1.600 mm
3	19M7812	Screw	3		M10 X 100
4	R527284	Cover	1		
5	R523027	O-Ring	1		
6	19M8528	Screw	2		M10 X 55
7	19M8526	Screw	14		M10 X 190
8	R537786	Housing	1		
9	RE69581	Thermostat	2		
10	R522334	Gasket	1		
11	R63604	Fitting	1		NLA; ORDER RE502650
	RE502650	Fitting	1		SUB FOR R63604
12	RE540243	Exhaust Manifold	1		
13	R531417	Plug	7		
14	R523331	Stud	4		
15	R523076	O-Ring	2		
16	15H584	Pipe Plug	1		1/2"
17	R522314	Gasket	1		
18	R522511	Seal	1		
19	42M7119	Rod	1		
20	R516682	O-Ring	1		
21	R522343	Cover	1		
22	19M7867	Screw	4		M8 X 25

28CK Exhaust Manifold

28CK_RE556175_PCD B.1

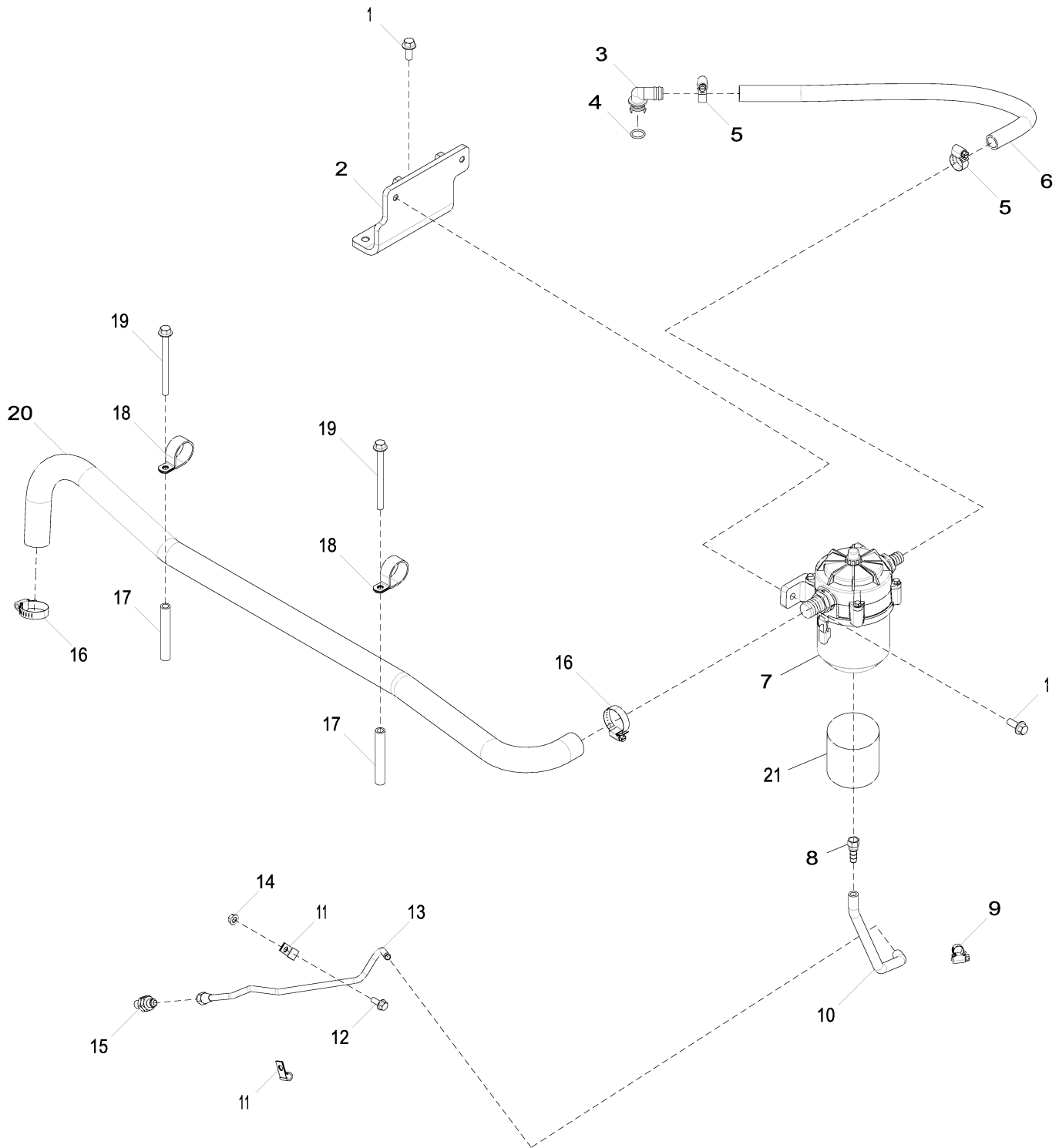


28CK_RE556175_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	42M7119	Rod	1		
2	14M7274	Nut	1		M10
3	19M8528	Screw	2		M10 X 55
4	24M7096	Washer	1		10.500 X 18 X 1.600 mm
5	19M7812	Screw	3		M10 X 100
6	R527284	Cover	1		
7	R523027	O-Ring	1		
8	R537786	Housing	1		
9	R522334	Gasket	1		
10	RE557215	Thermostat	2		
11	19M8526	Screw	14		M10 X 190
12	R63604	Fitting	1		
13	RE546041	Exhaust Manifold	1		
14	R523331	Stud	4		
15	15H697	Pipe Plug	1		1/2"
16	R531417	Plug	7		
17	R516682	O-Ring	1		
18	R522343	Cover	1		
19	19M7867	Screw	4		M8 X 25
20	R522511	Seal	1		
21	R523076	O-Ring	2		
22	R522314	Gasket	1		

2971 Crankcase Vent Filter

2971_RE538571_PCD C.1

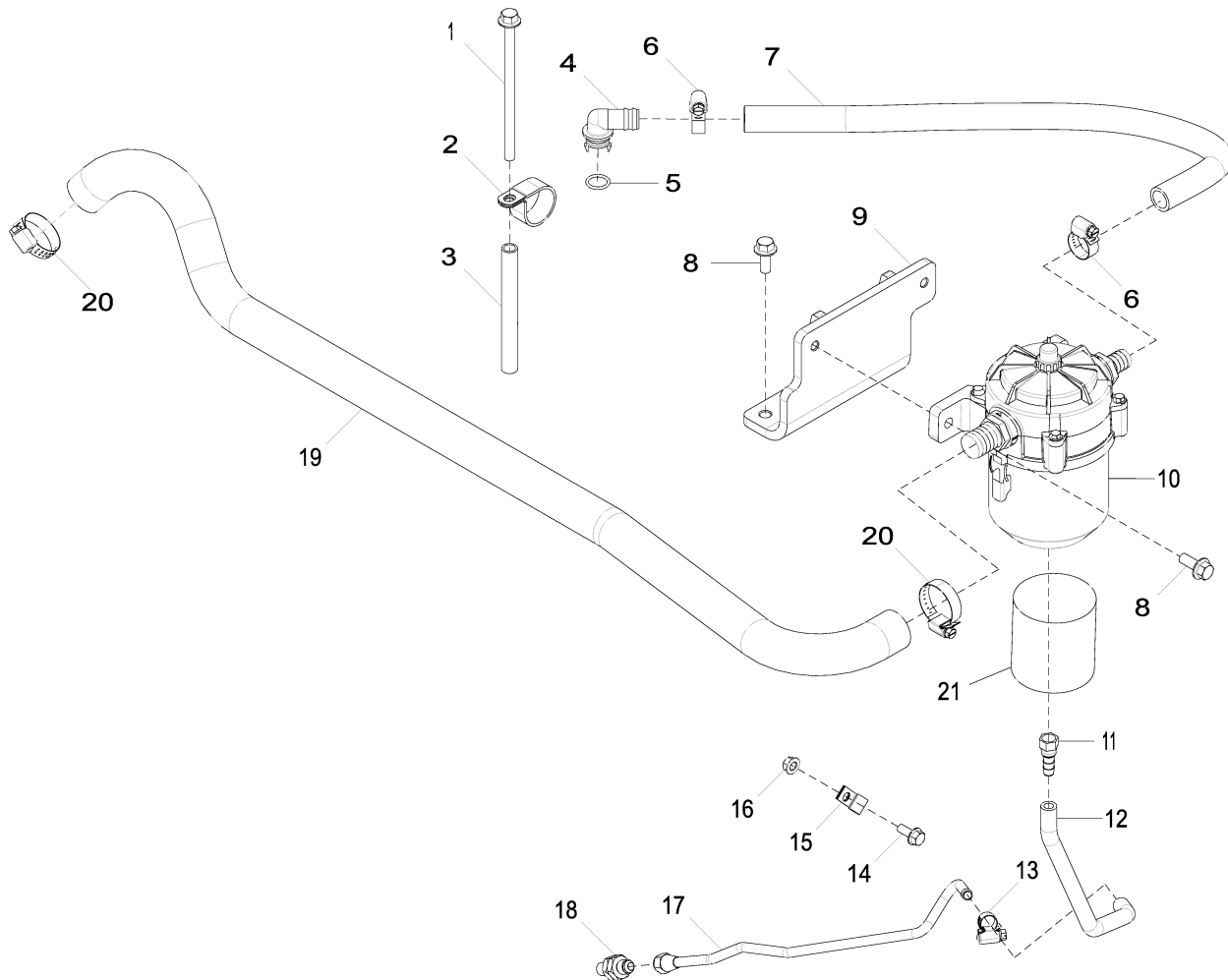


2971_RE538571_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	19M7785	Screw	4		M10 X 25
2	RE529828	Bracket	1		
3	R120467	Elbow Fitting	1		
4	R72328	O-Ring	1		
5	RE65978	Clamp	2		
6	R522316	Hose	1		
7	RE527687	Crankcase Vent Filter	1		
8	RE505200	Hose Fitting	1		
9	AR21836	Clamp	1		
10	R528154	Hose	1		
11	T13814	Clamp	2		
12	19M7866	Screw	1		M8 X 20
13	RE538566	Oil Line	1		
14	14M7298	Flange Nut	1		M8
15	RE504549	Check Valve	1		
16	AR21839	Clamp	2		
17	R533312	Spacer	2		
18	AH77714	Clip	2		
19	19M9017	Screw	2		M10 X 165
20	R522317	Hose	1		
21	RE502284	Filter Element	1		

29AG Crankcase Vent Filter

29AG_RE547989_PCD B.2

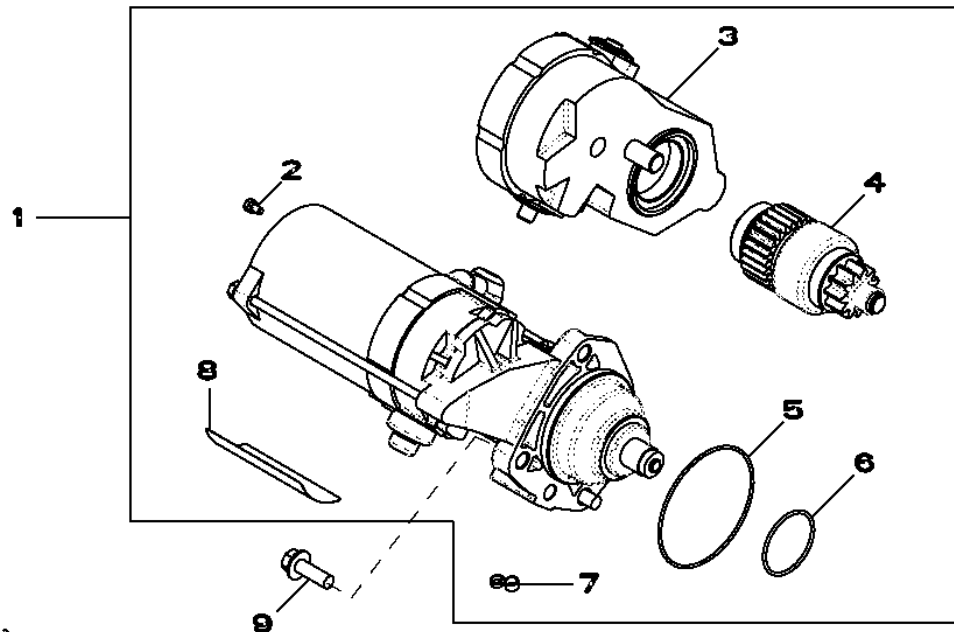


29AG_RE547989_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	19M9017	Screw	2		M10 X 165
2	AH77714	Clip	2		
3	R533312	Spacer	2		
4	R120467	Elbow Fitting	1		
5	R72328	O-Ring	1		
6	RE65978	Clamp	2		
7	R522316	Hose	1		M10 X 25
8	19M7785	Screw	4		
9	RE529828	Bracket	1		
10	RE527687	Crankcase Vent Filter	1		
11	RE505200	Hose Fitting	1		
12	R528154	Hose	1		
13	TY22464	Clamp	1		M8 X 20
14	19M7866	Screw	1		
15	T13814	Clamp	2		
16	14M7298	Flange Nut	1		M8
17	RE538566	Oil Line	1		
18	RE504549	Check Valve	1		
19	R532179	Hose	1		
20	TY22467	Clamp	2		
21	RE502284	Filter Element	1		

3006 Starting Motor

RE70964PCDE03 A.1



RE70964PCDE03

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE70957	Motor	1		12V, Denso (Includes T146102)
	SE501403	Starter Motor Reman	1		12V (Reman For RE70957)
2	RE71256	Screw With Washer	1		
3	RE70486	Switch	1		
4	RE70487	Clutch	1		
5	R135509	O-Ring	1		
6	R135510	O-Ring	1		
7	RE70756	Cover	1		
8	T146102	Label	1		
	T146106	Safety Sign	1	(A)	
	T146104	Safety Sign	1	(B)	
	T146515	Safety Sign	1	(C)	
	T146516	Safety Sign	1	(D)	
9	19M7786	Screw	3		M10 X 30

(A) Spanish

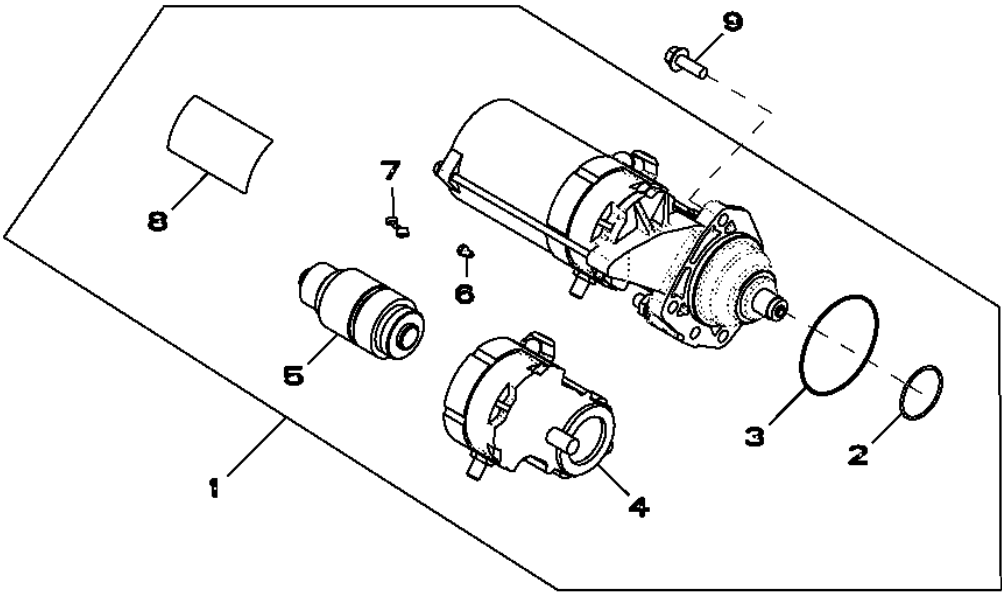
(B) French

(C) German

(D) Italian

3041 Starting Motor

RE501149PCDE03 A.1

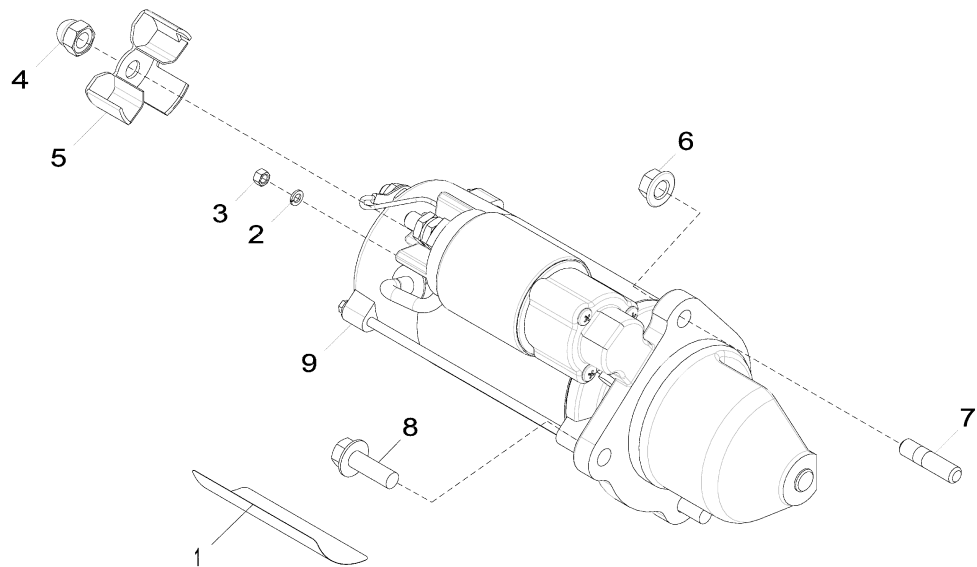


RE501149PCDE03

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE501150	Starter Motor Kit	1		(Includes T146102)
	TY24443	Starter Motor	1		
2	R135510	O-Ring	1		
3	R135509	O-Ring	1		
4	RE70678	Switch	1		
5	RE70682	Clutch	1		
6	RE71256	Screw With Washer	1		
7	RE70756	Starter Motor Kit	1		
8	T146102	Label	1		
9	19M7786	Screw	3		M10 X 30

3090 Starter Motor

3090_RE522335_PCD A.1

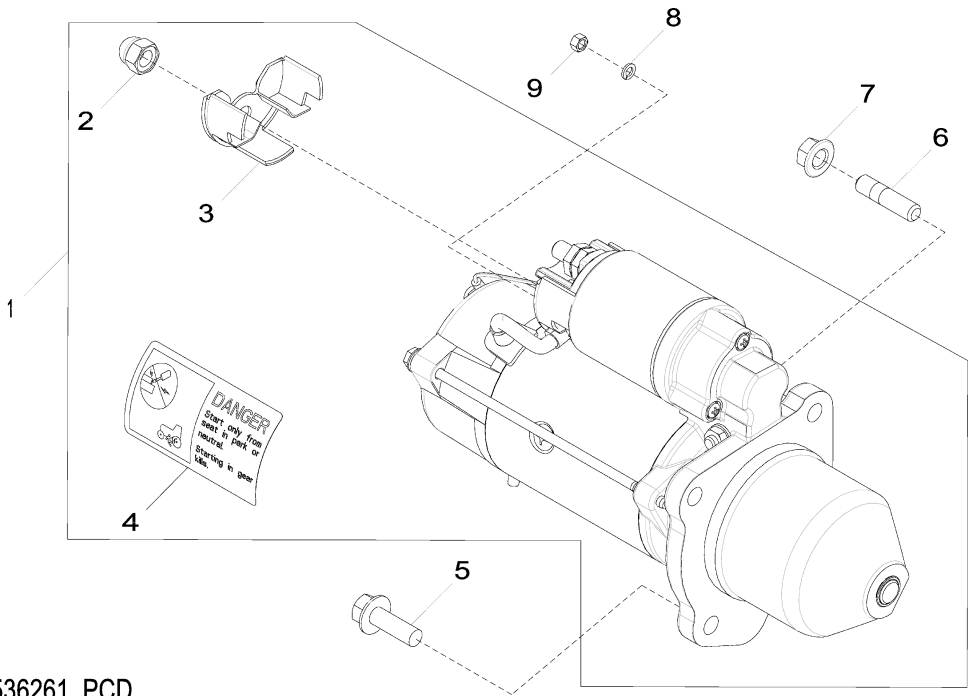


3090_RE522335_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R116617	Label	1		
2	12M7064	Lock Washer	1		5 mm
3	14M7297	Nut	1		M5
4	R135432	Nut	1		
5	R517440	Cover	1		
6	14M7296	Flange Nut	1		M10
7	42M7058	Stud	1		
8	19M7786	Screw	2		M10 X 30
9	RE522334	Starter Motor	1		24 V; DENSO, NLA; ORDER RE564633
	SE502733	Starter Motor Reman	1		REMAN FOR RE522334
	RE564633	Starter Motor Kit	1		24 V; 4 kW, SUB FOR RE522334; ALSO INCLUDES R116617, R517440 AND R135432

30AG Starting Motor

30AG_RE536261_PCD A.2



30AG_RE536261_PCD

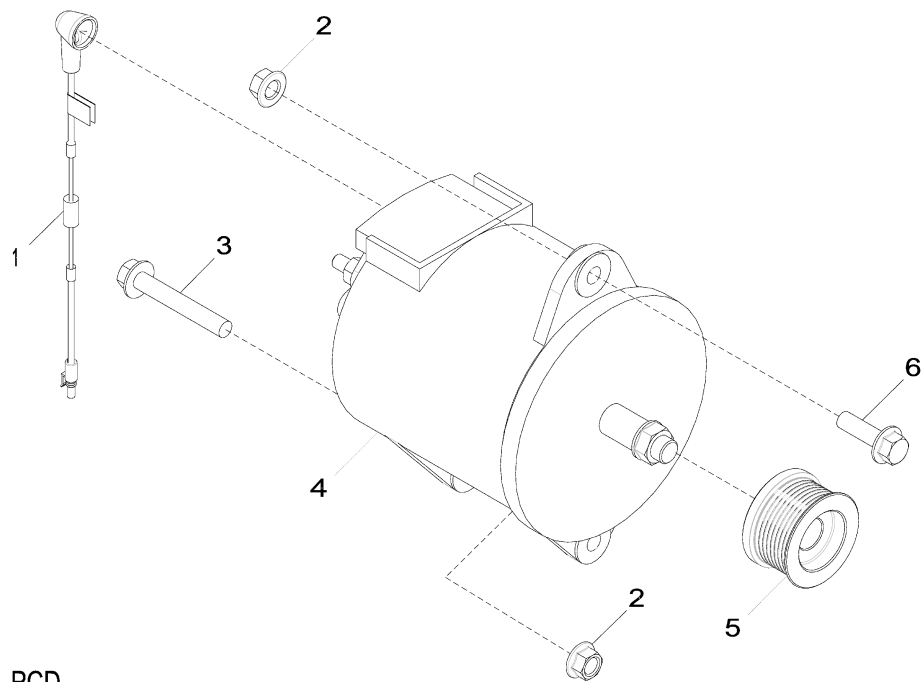
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE536490	Starter Motor	1		(Includes R135432, R517440 & T146102)
2	R135432	Nut	1		
3	R517440	Cover	1		
4	T146102	Label	1		
	T146106	Safety Sign	1		(A)
	T146104	Safety Sign	1		(B)
	T146515	Safety Sign	1		(C)
	T146516	Safety Sign	1		(D)
5	19M7786	Screw	2		M10 X 30
6	42M7058	Stud	1		
7	14M7296	Flange Nut	1		M10
8	12M7064	Lock Washer	1		5 mm
9	14M7297	Nut	1		M5

(A) Spanish
(C) German

(B) French
(D) Italian

3127 Alternator

3127_RE517381_PCD A.1

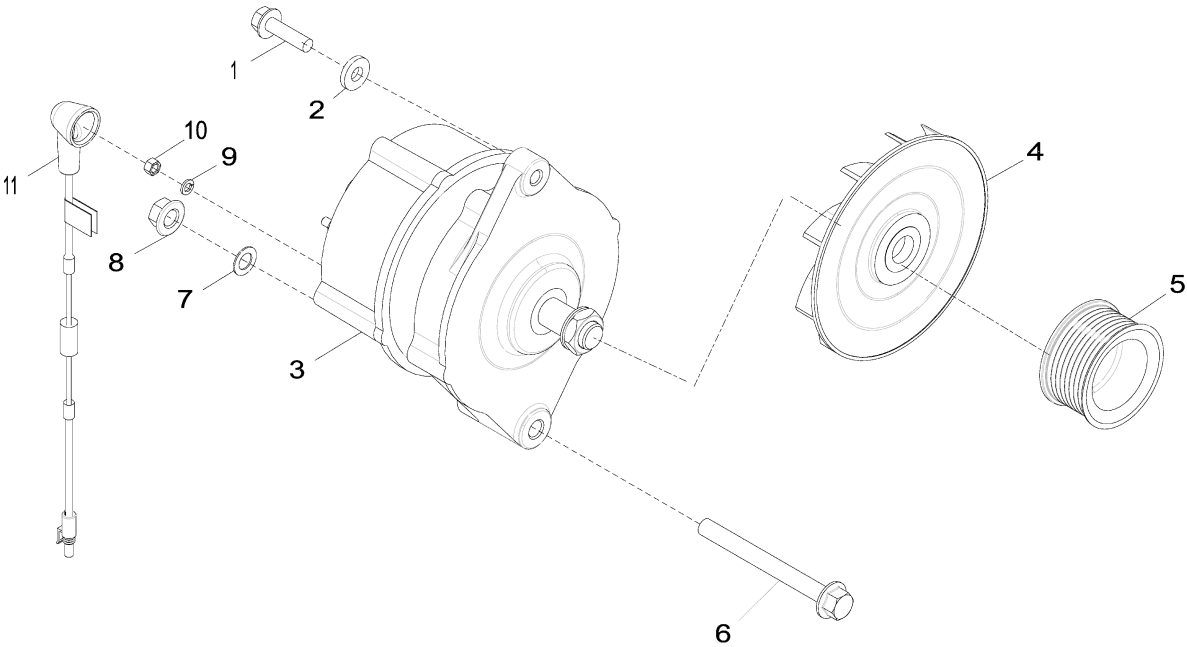


3127_RE517381_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE505489	Wiring Harness	1		
2	14M7299	Flange Nut	3		M12
3	19M7818	Screw	1		M12 X 80
4	RE522329	Alternator	1		28V, 140AMP
	SE502625	Alternator Reman	1		28V, 140AMP (REMAN FOR RE522329)
5	R128859	Pulley	1		
6	19M7791	Bolt	2		M12 X 40

3138 Alternator

3138_RE509779_PCD A.2

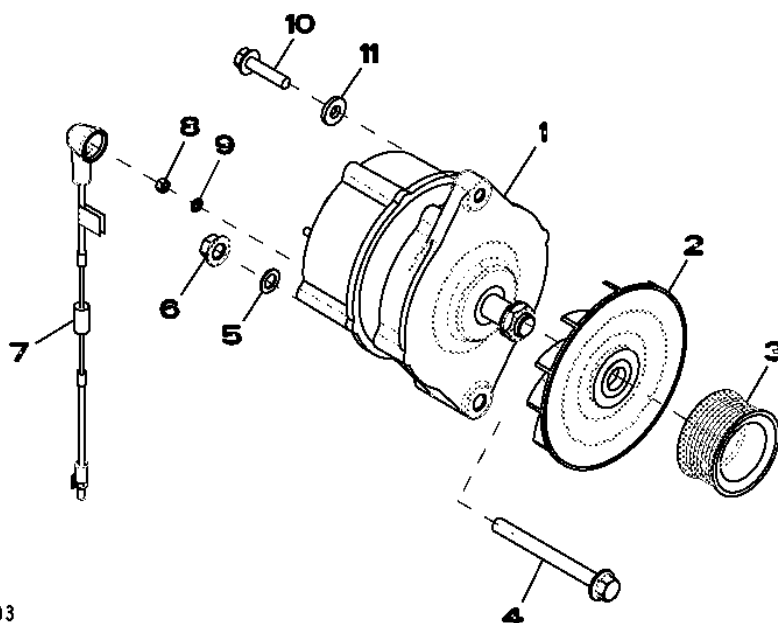


3138_RE509779_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	19M7868	Screw	1		M8 X 30, SUB FOR APPL 19M8291
2	R501065	Washer	1		
3	RE533516	Alternator	1		12 V: 75 A, INCLUDES R505711, RE516489, RE533941 AND RE533942
4	SE502626	Alternator Reman	1		12 V: 75 A, REMAN FOR RE533516
	R505711	Fan	1		USE WITH RE533516 OR SE502626
5	RE516489	Pulley	1		USE WITH RE533516 OR SE502626
6	19M7812	Screw	1		M10 X 100
7	R64525	Thrust Washer	1		
8	14M7296	Flange Nut	1		M10
9	12M7011	Lock Washer	1		5 mm
10	14M7297	Nut	1		M5
11	RE505489	Wiring Harness	1		
..	RE533941	Capacitor	1		USE WITH RE533516 OR SE502626
..	RE533942	Regulator	1		USE WITH RE533516 OR SE502626

3140 Alternator

RE509781PCDC03 A.1

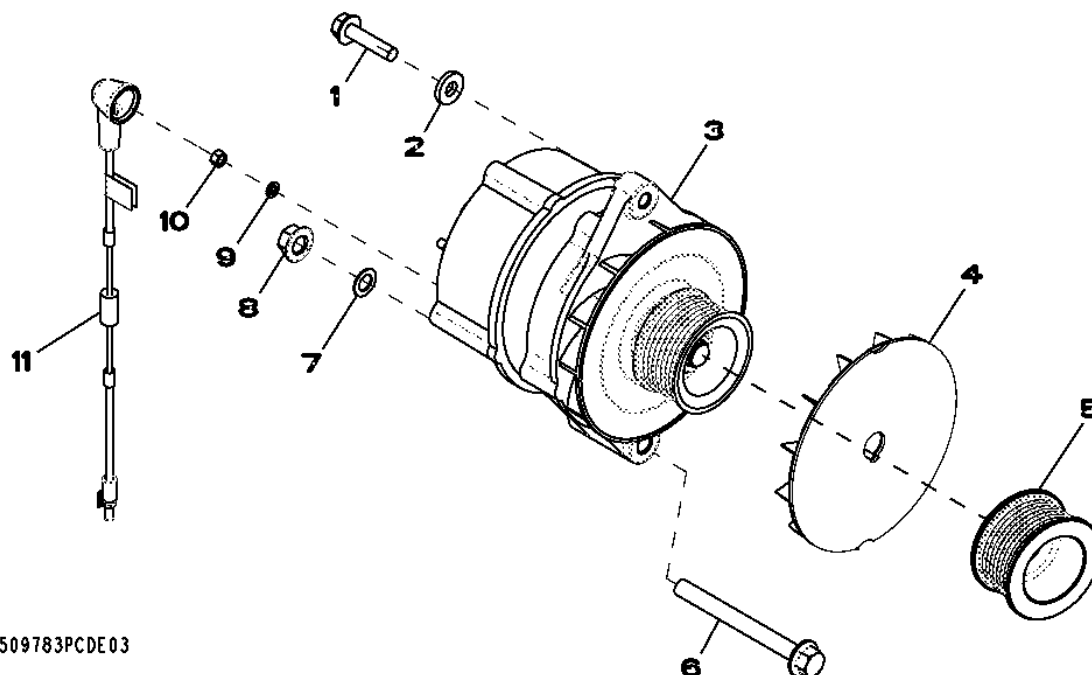


RE509781PCDC03

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	AH137883	Alternator	1		(BOSCH 12V, 95AMP)
	SE501342	Alternator Reman	1		(BOSCH 12V, 95AMP) (REMAN FOR AH137883)
	RE533653	Alternator	1		(ISKRA 12V 95 AMP)
	SE502627	Alternator Reman	1		(ISKRA 12V 95 AMP) (REMAN FOR RE533653)
2	T158584	Fan	1		(USE WITH AH137883)
	R505711	Fan	1		(USE WITH RE533653)
3	R501486	Pulley	1		(USE WITH AH137883)
	RE516489	Pulley	1		(USE WITH RE533653)
4	19M7812	Screw	1		M10 X 100
5	R64525	Thrust Washer	1		
6	14M7296	Flange Nut	1		M10
7	RE505489	Wiring Harness	1		
8	14M7297	Nut	1		M5
9	12M7064	Lock Washer	1		5 mm
10	19M7868	Screw	1		M8 X 30
11	R501065	Washer	1		
..	H144095	Capacitor	1		(USE WITH AH137883)
..	RE533941	Capacitor	1		(USE WITH RE533653)
..	H144094	Voltage Regulator	1		(USE WITH AH137883)
..	RE533942	Regulator	1		(USE WITH RE533653)

3141 Alternator

RE509783PCDE03 A.1

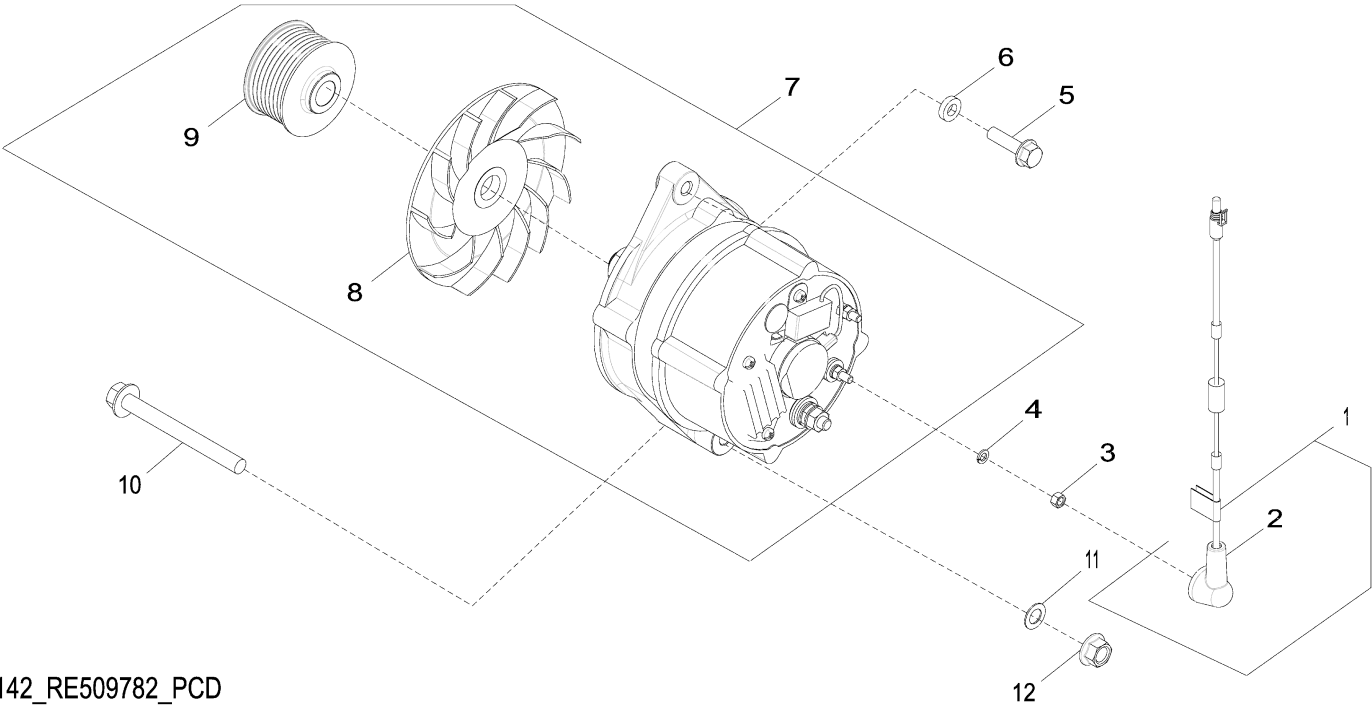


RE509783PCDE03

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	19M7868	Screw	1		M8 X 30
2	R501065	Washer	1		
3	AH165975	Alternator	1		12V-120 AMP - ROBERT BOSCH NO. 0120484027 (SUB FOR AT185951)
	SE501343	Alternator Reman	1		12V-120 AMP - BOSCH (REMAN FOR AH165975)
	RE533654	Alternator	1		(12V 120 AMP, ISKRA)
	SE502628	Alternator Reman	1		(12V 120 AMP, ISKRA) (REMAN FOR RE533654)
4	T158584	Fan	1		(USE WITH AH165975)
	R505711	Fan	1		(USE WITH RE533654)
5	R501486	Pulley	1		(USE WITH AH165975)
	RE516489	Pulley	1		(USE WITH RE533654)
6	19M7812	Screw	1		M10 X 100
7	R64525	Thrust Washer	1		
8	14M7296	Flange Nut	1		M10
9	12M7064	Lock Washer	1		5 mm
10	14M7297	Nut	1		M5
11	RE505489	Wiring Harness	1		
..	H144095	Capacitor	1		(USE WITH AH165975)
..	RE533941	Capacitor	1		(USE WITH RE533654)
..	H144094	Voltage Regulator	1		(USE WITH AH165975)
..	RE533942	Regulator	1		(USE WITH RE533654)

3142 Alternator

3142_RE509782_PCD A.1

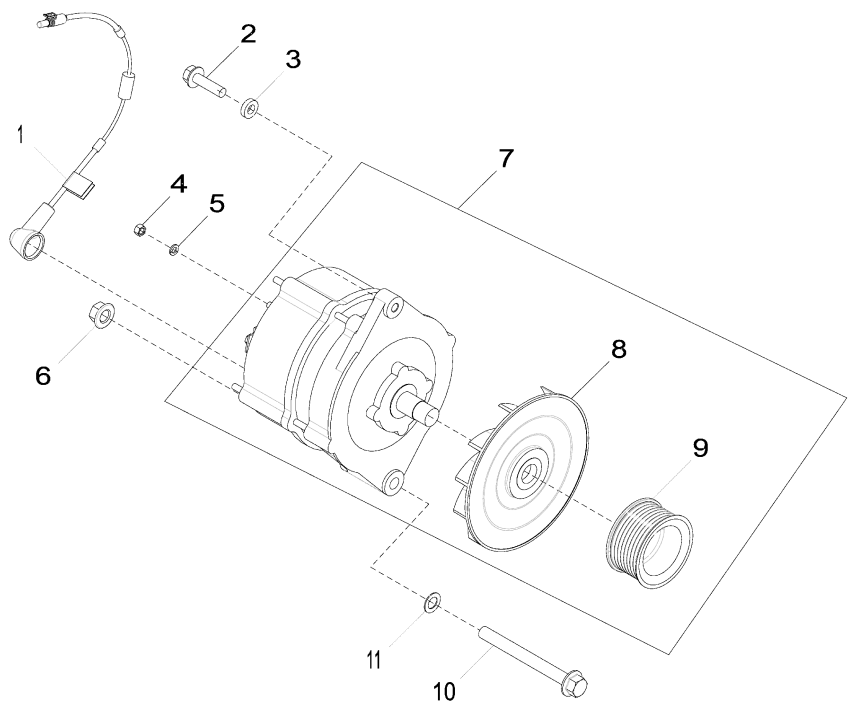


3142_RE509782_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE505489	Wiring Harness	1		
2	R74993	Boot	1		
3	14M7297	Nut	1		M5
4	12M7011	Lock Washer	1		5 mm
5	19M7868	Screw	1		M8 X 30
6	R501065	Washer	1		
7	RE537146	Alternator	1		24 V; 50 A, SUB FOR AT161324 AND RE507631; ISKRA
	AT161324	Alternator	1		NLA; ORDER RE537146
	SE501341	Alternator Reman	1		REMAN FOR AT161324
8	R505711	Fan	1		
9	RE516489	Pulley	1		
10	19M7812	Screw	1		M10 X 100
11	R64525	Thrust Washer	1		
12	14M7296	Flange Nut	1		M10
13	RE533941	Capacitor	1		NOT ILLUSTRATED
14	RE533942	Regulator	1		NOT ILLUSTRATED

3148 Alternator

3148_RE527043_PCD A.1

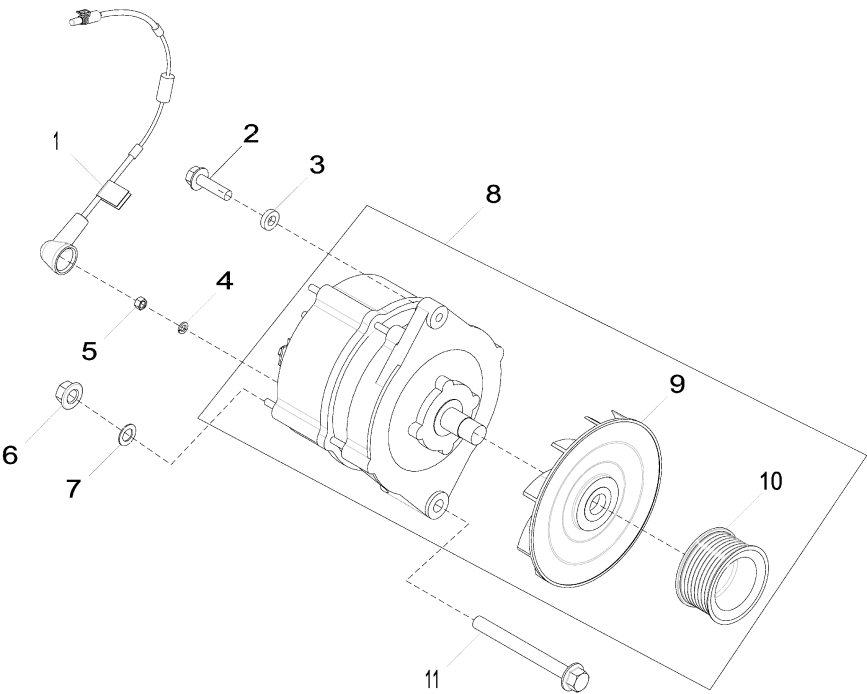


3148_RE527043_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE505489	Wiring Harness	1		
2	19M7868	Screw	1		M8 X 30
3	R501065	Washer	1		
4	14M7297	Nut	2		M5
5	12M7064	Lock Washer	2		5 mm
6	14M7296	Flange Nut	1		M10
7	RE540412	Alternator	1		14V, 75Amp
8	R505711	Fan	1		
9	RE516489	Pulley	1		
10	19M7812	Screw	1		M10 X 100
11	R64525	Thrust Washer	1		

3149 Alternator

3149_RE527044_PCD A.1

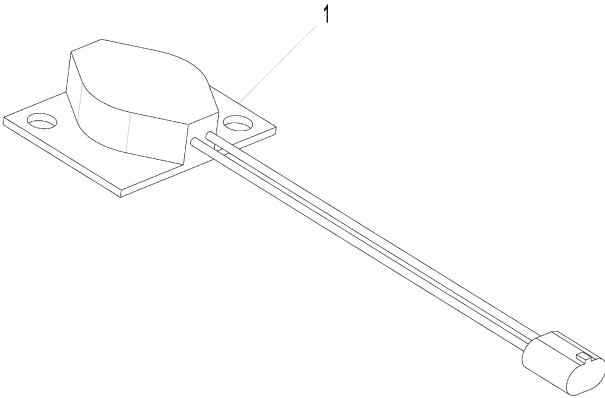


3149_RE527044_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE505489	Wiring Harness	1		
2	19M7868	Screw	1		M8 X 30
3	R501065	Washer	1		
4	12M7064	Lock Washer	2		5 mm
5	14M7297	Nut	2		M5
6	14M7296	Flange Nut	1		M10
7	R64525	Thrust Washer	1		
8	RE540413	Alternator	1		28V, 50Amp
9	R505711	Fan	1		
10	RE516489	Pulley	1		
11	19M7812	Screw	1		M10 X 100

3195 Diode

3195_RE509754_PCD A.1

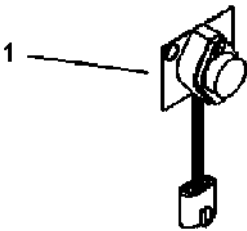


3195_RE509754_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	AT157679	Diode	1		

3196 Diode, TVP, Alternator 24 Volt

RGP8263 A.1

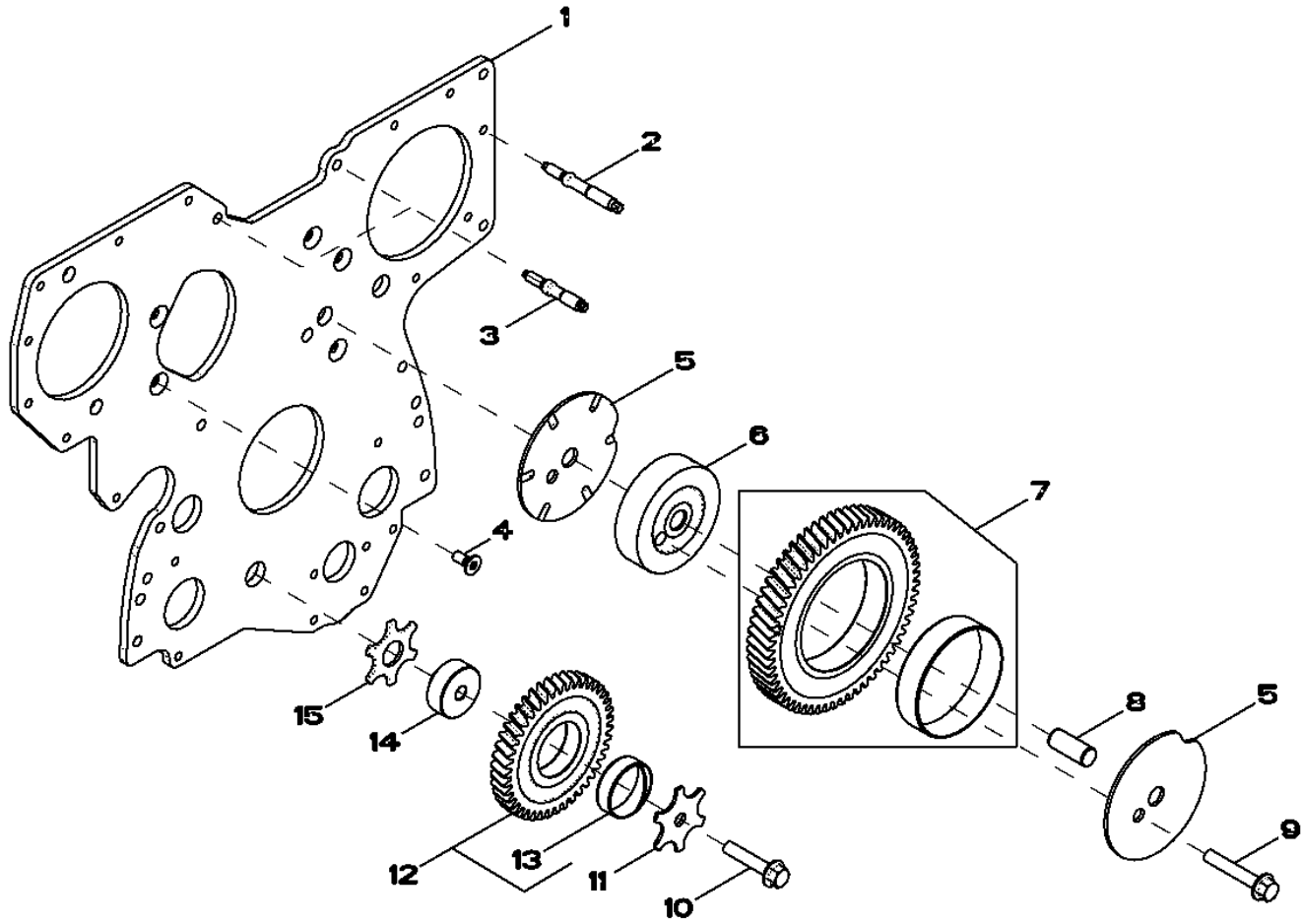


RGP8263

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	AT163022	Diode	1		24 V, ALSO ORDER R48808

3614 Front Plate and Idle Gears (Upper And Lower)

RE506566PCDD04 A.1

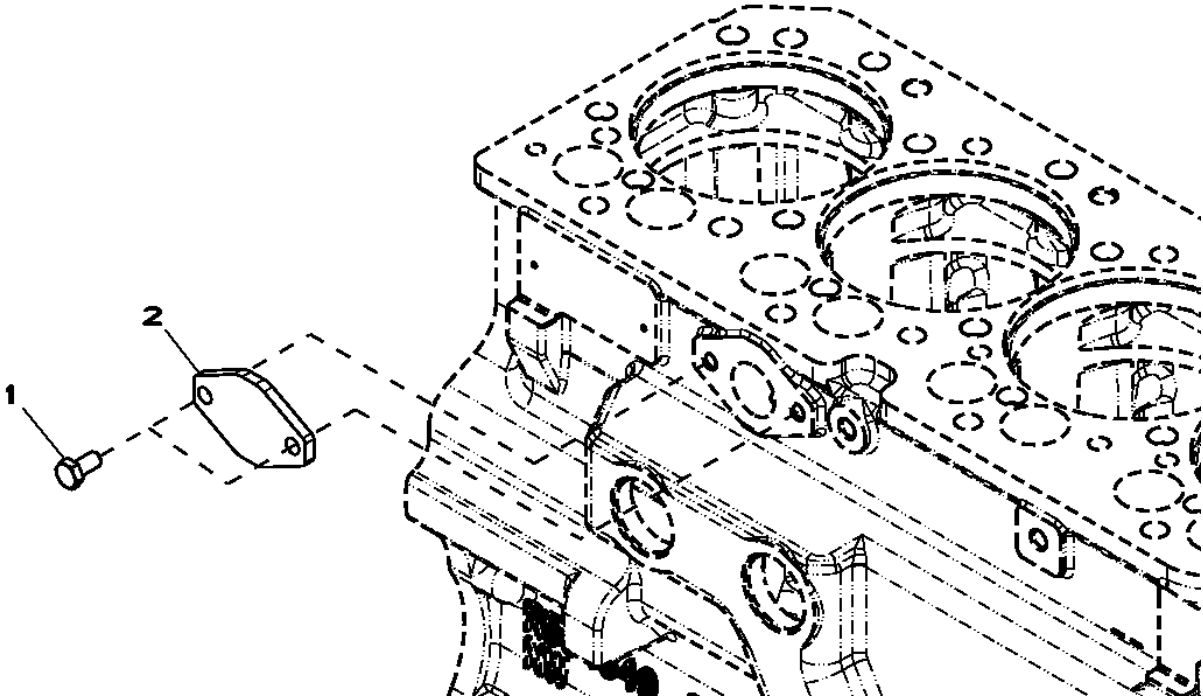


RE506566PCDD04

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R504282	Plate	1		
2	R520139	Stud	7		
3	R134518	Stud	2		
4	R136475	Screw	5		
5	R515494	Thrust Washer	2		
6	R504843	Shaft	1		
7	RE508489	Gear	1		
8	R515408	Dowel Pin	1		
9	19M8844	Screw	1		M10 X 60
10	19M8966	Screw	1		M10 X 50
11	R131283	Thrust Washer	1		
12	RE56369	Gear	1		
13	R114193	Bushing	1		
14	R114194	Shaft	1		
15	R101225	Thrust Washer	1		

3799 Fuel Transfer Pump Cover

RE59619PCDD02 A.1



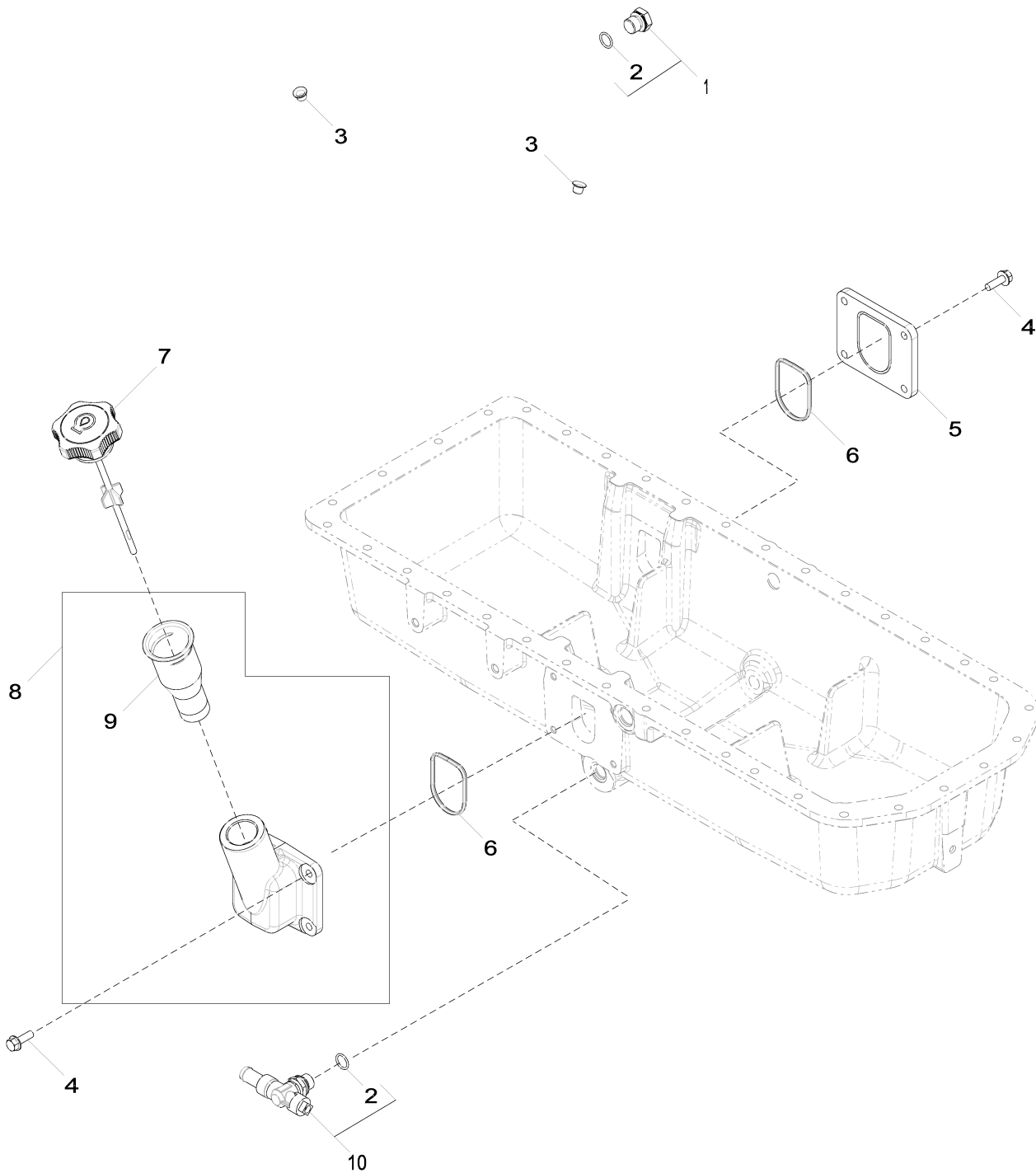
RE59619PCDD02

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE66334	Cap Screw	2	(A)	
2	R123396	Cover	1		
..	.....	Liquid Gasket	1		

(A) Threads with Pre Applied Sealant

4067 Engine Oil Dipstick

4067_RE535908_PCD A.1

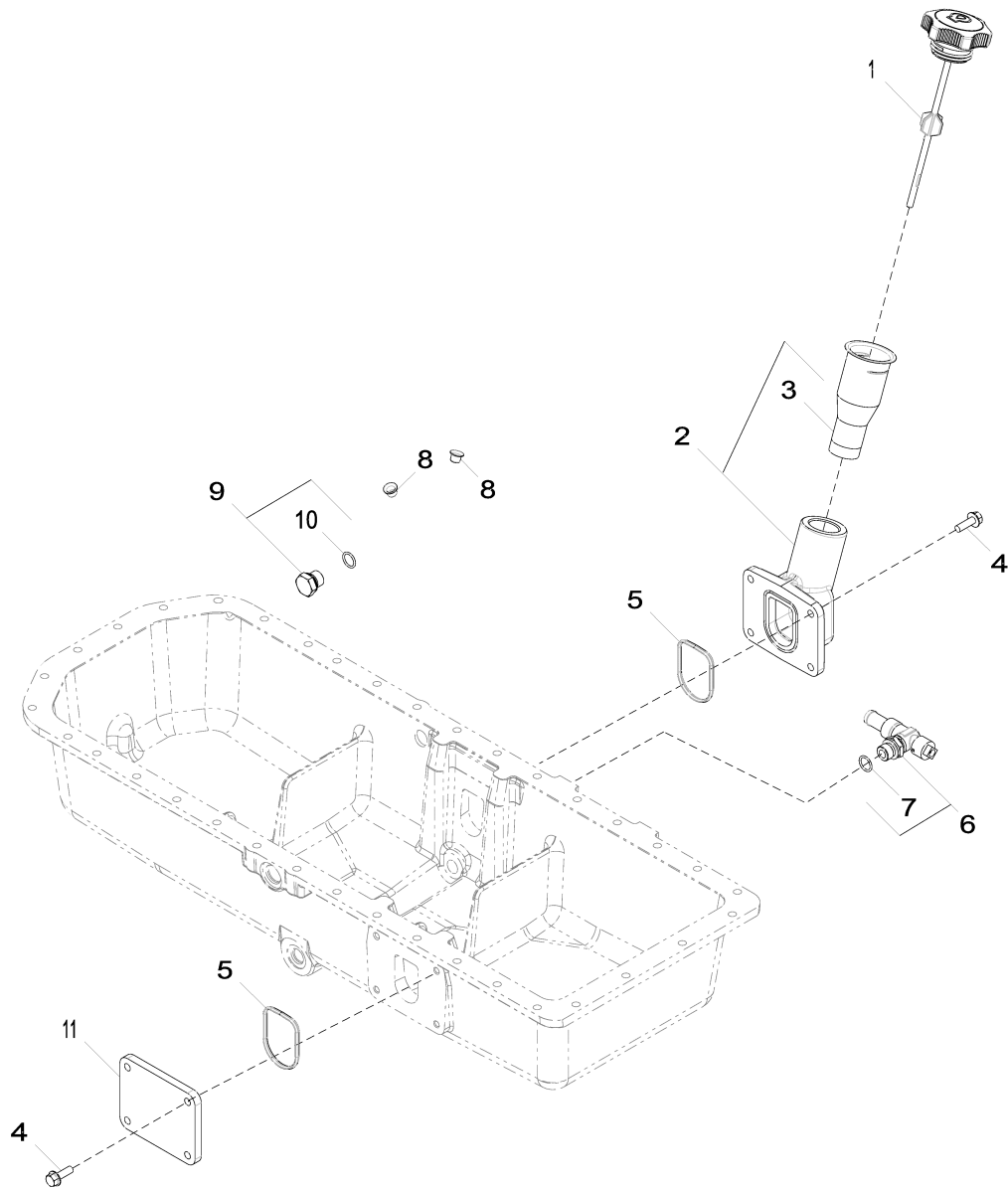


4067_RE535908_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE46685	Fitting Plug	1		
2	51M7043	O-Ring	1		15.300 X 2.200 mm
3	R502725	Plug	2		
4	19M7867	Screw	8		M8 X 25
5	R526740	Plate	1		
6	R526745	Seal	2		
7	RE500217	Dipstick	1		
8	RE535754	Housing	1		
9	R121765	Dipstick Tube	1		
10	RE507952	Drain Valve	1		

4071 Engine Oil Dipstick

4071_RE538139_PCD A.1

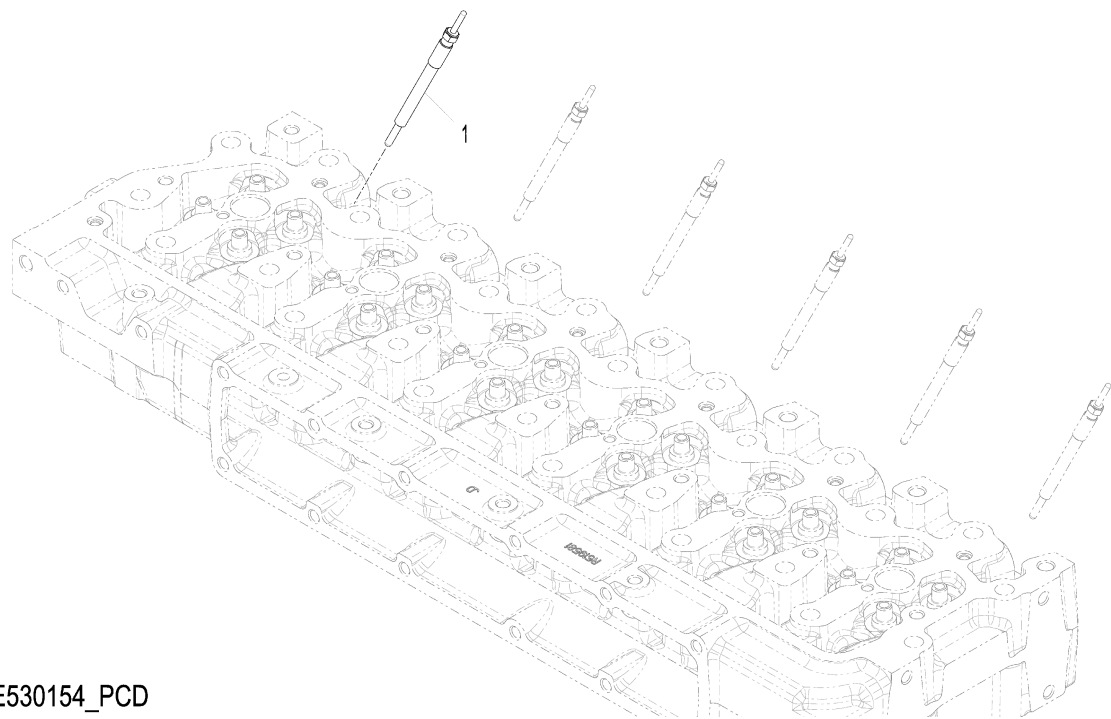


4071_RE538139_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE500217	Dipstick	1		
2	RE535754	Housing	1		
3	R121765	Dipstick Tube	1		
4	19M7867	Screw	8		M8 X 25
5	R526745	Seal	2		
6	RE507952	Drain Valve	1		
7	51M7043	O-Ring	1		15.300 X 2.200 mm
8	R502725	Plug	2		
9	RE46685	Fitting Plug	1		
10	51M7043	O-Ring	1		15.300 X 2.200 mm
11	R526740	Plate	1		

4337 Starting Aid

4337_RE530154_PCD A.1

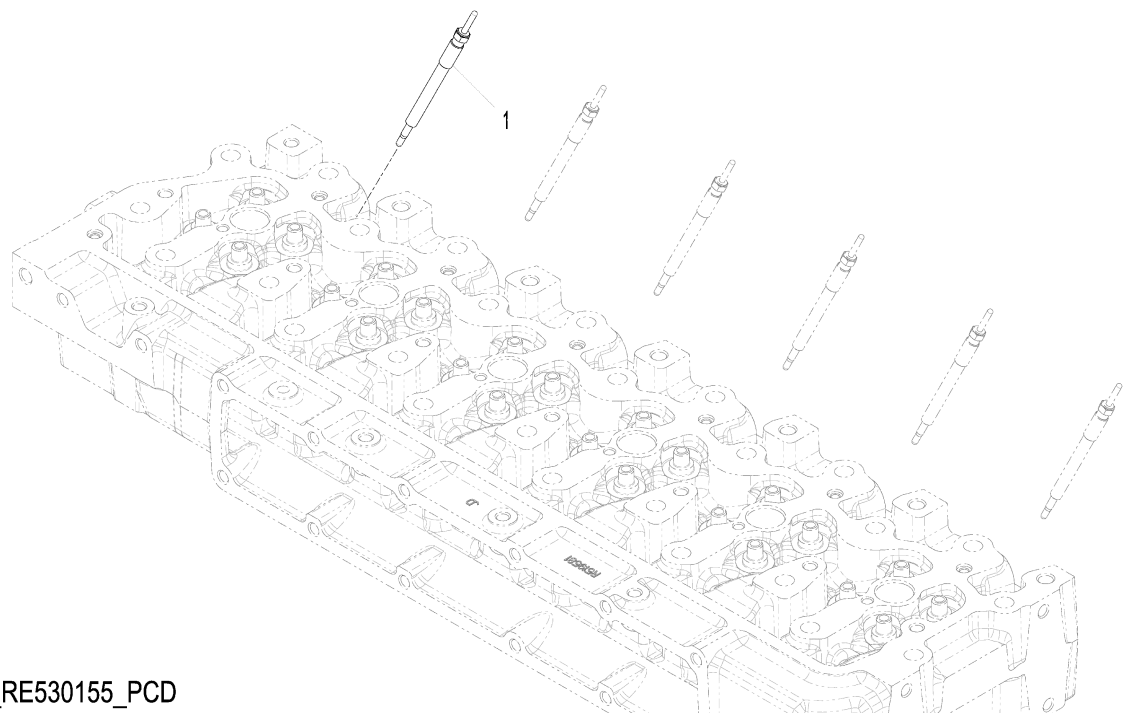


4337_RE530154_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE504580	Glow Plug	6		

4338 Starting Aid

4338_RE530155_PCD A.1

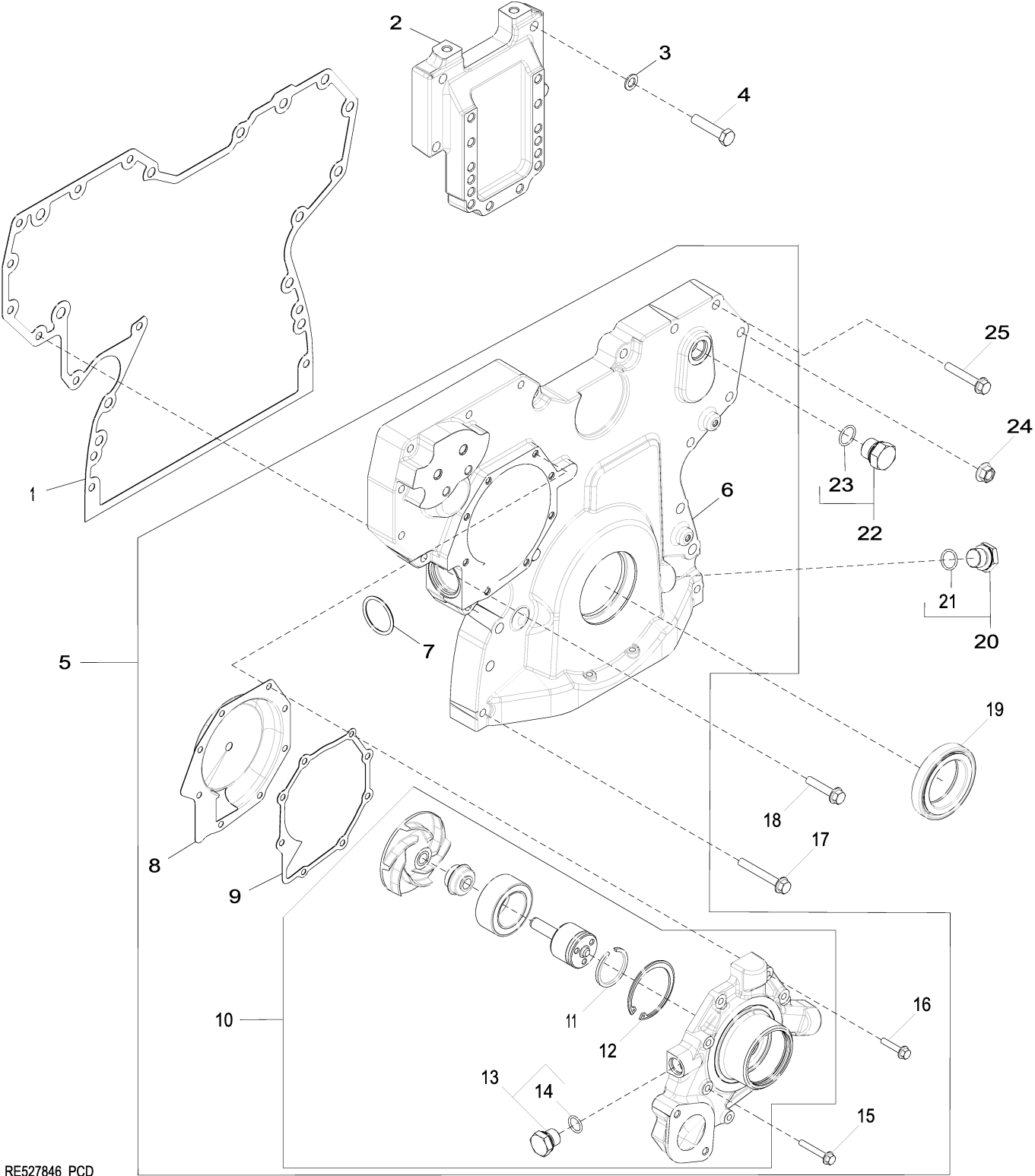


4338_RE530155_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE515622	Glow Plug	6		

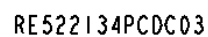
4443 Timing Gear Cover

4443_RE527846_PCD C.2



4443_RE527846_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R526944	Gasket	1		
2	R522907	Support	1		
3	24M7096	Washer	4		SUB FOR R516557 10.500 X 18 X 1.600 mm
4	19M8488	Cap Screw	4		M10 X 45
5	RE527847	Cover	1		
6	RE509865	Cover	1		
7	R504734	O-Ring	1		
8	RE508566	Insert	1		
9	R123417	Gasket	1		
10	RE527848	Water Pump	1		ALSO ORDER RE508566 AND R123417
11	A364R	Snap Ring	1		
12	R71228	Ring	1		
13	RE46685	Fitting Plug	1		
14	51M7043	O-Ring	1		15.300 X 2.200 mm
15	19M7797	Screw	3		M6 X 40
16	19M7796	Screw	5		M6 X 30
17	19M7801	Screw	3		M8 X 60
18	19M8317	Screw	1		M8 X 40
19	RE538097	Seal	1		
20	RE517370	Fitting	1		
21	51M7044	O-Ring	1		17.300 X 2.200 mm
22	RE46687	Drain Plug	1		
23	51M7045	O-Ring	1		19.300 X 2.200 mm
24	14M7296	Flange Nut	9		M10
25	19M7800	Screw	8		M8 X 50



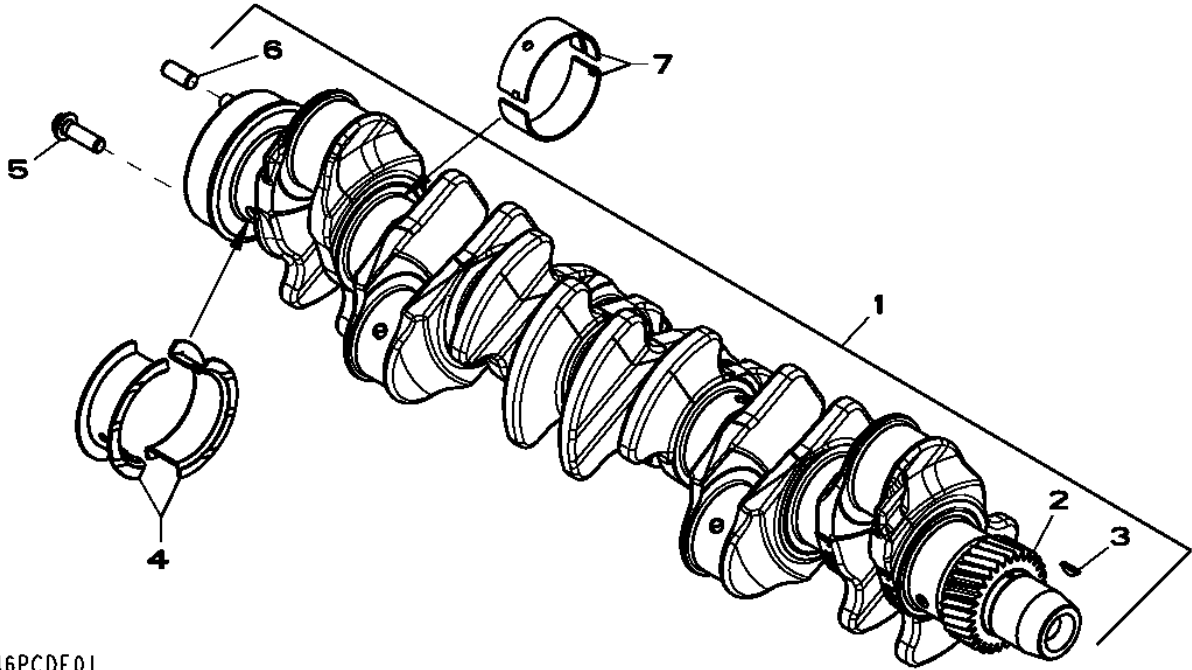
4600 Cylinder Block, Main Bearing Caps and Camshaft 6068AFM75

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	.....	Cylinder Block	1		(Marked R504850) (Order RE528638)
2	RE508185	Fitting	2		1-5/8"-12UN
3	U13639	O-Ring	1		
4	RE528950	Camshaft	1		(Marked R518861)
	SE501812	Camshaft Reman	1		(Reman For RE528950)
5	R132518	Plate	1		
6	19M8999	Screw	2		M8 X 25
7	R48685	Dowel Pin	4		
8	R116466	Plug	1		
9	T18891	Plug	2		OD= 16MM
10	R26650	Dowel Pin	2		
11	R119874	Bushing	1		(Also Order TY6333)
12	RE505501	Bleed Valve	1		
13	RE63674	Valve	1		Kit
14	T20168	Washer	14		
15	T23474	Cap Screw	14		
16	R97185	O-Ring	1		
17	R131182	Orifice	6		
18	15H695	Pipe Plug	1		3/8",
19	15H584	Pipe Plug	1		1/2",
20	RE71255	Pipe Plug	7		(A) 1/8"-27NPT, (Sub For R104592 And RE42713)
21	RE507807	Pipe Plug	1		(A) 1/4"-18NPT,
22	RE537834	Elbow Fitting	1		(A)

(A) Threads With Pre-Applied Sealant

4712 Crankshaft / Bearings

RE506346PCDE01 A.1



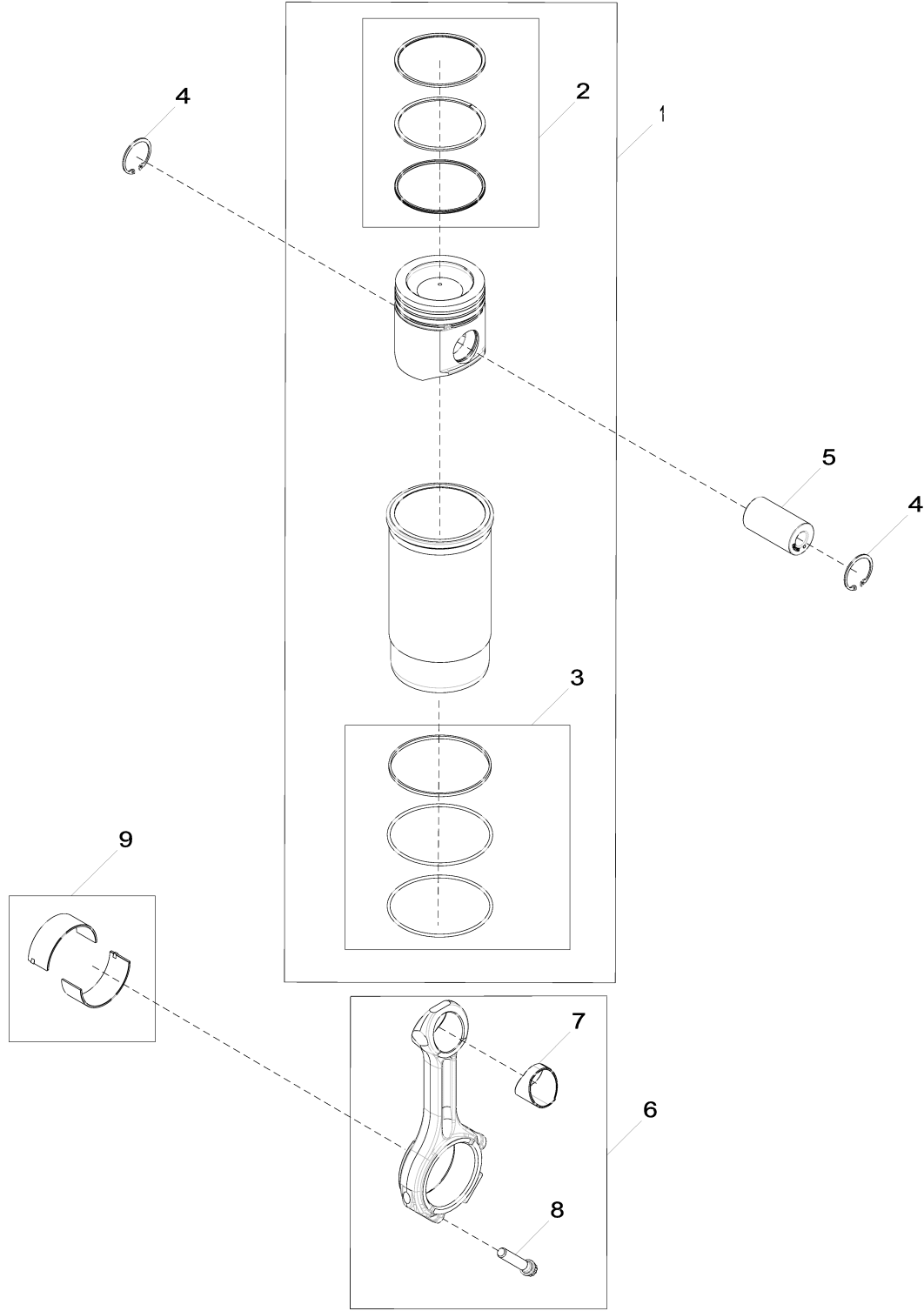
RE506346PCDE01

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE505921	Crankshaft	1		(INCLUDES R120631, R505609 AND R48685)
	SE501655	Crankshaft Reman	1		(A) (REMAN FOR RE505921)
2	R120631	Gear	1		Z= 30
3	R505609	Shaft Key	1		LGTH= 18.5MM
4	RE65168	Bearing Kit	1		STD (MARKED R123563 AND R123564)
	RE65912	Thrust Bearing	AR		US -0.254MM, (MARKED R130574 AND R130575)
5	R135918	Bolt	6		
6	R48685	Dowel Pin	1		
7	RE65165	Bearing Kit	6		STD (MARKED R123561 AND R123562)
	RE65911	Bearing	AR		US -0.254MM, (MARKED R130576 AND R130577)

(A) WITH BEARINGS

4852 Connecting Rod, Piston and Liner

4852_RE540272_PCD A.1

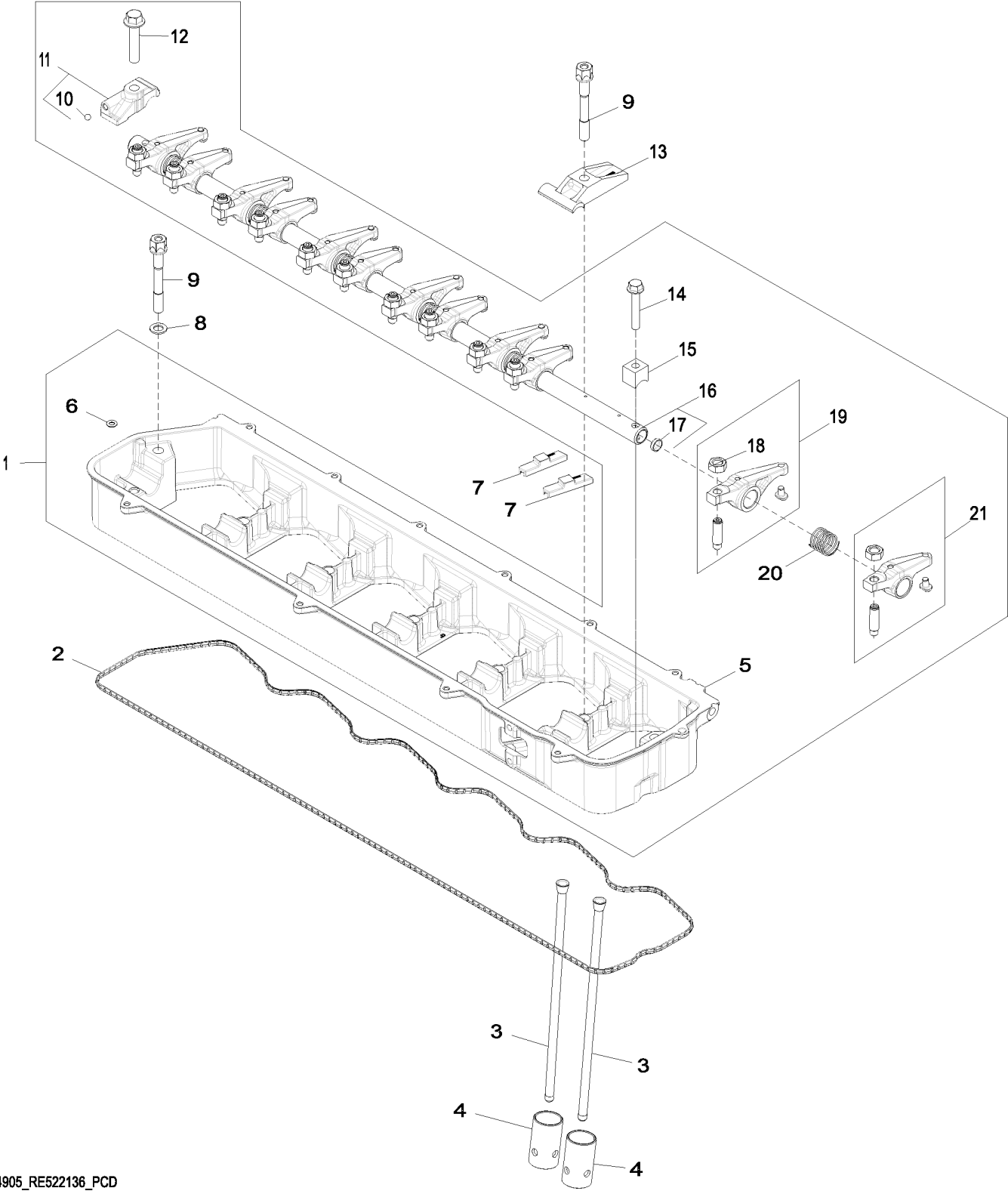


4852_RE540272_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE540936	Cylinder Kit	6		
2	RE524453	Piston Ring Kit	1		
3	AR65507	O-Ring Kit	1		
4	R54114	Snap Ring	12		
5	R502755	Piston Pin	6		
6	RE500608	Connecting Rod	6		
7	SE501094	Connecting Rod Reman	6		(Reman For RE500608)
8	R114082	Bushing	1		
8	R501124	Screw	2		
9	RE65908	Bearing	6		

4905 Rocker Arm / Shaft / Tappet / Push Rod

4905_RE522136_PCD C.2



4905_RE522136_PCD

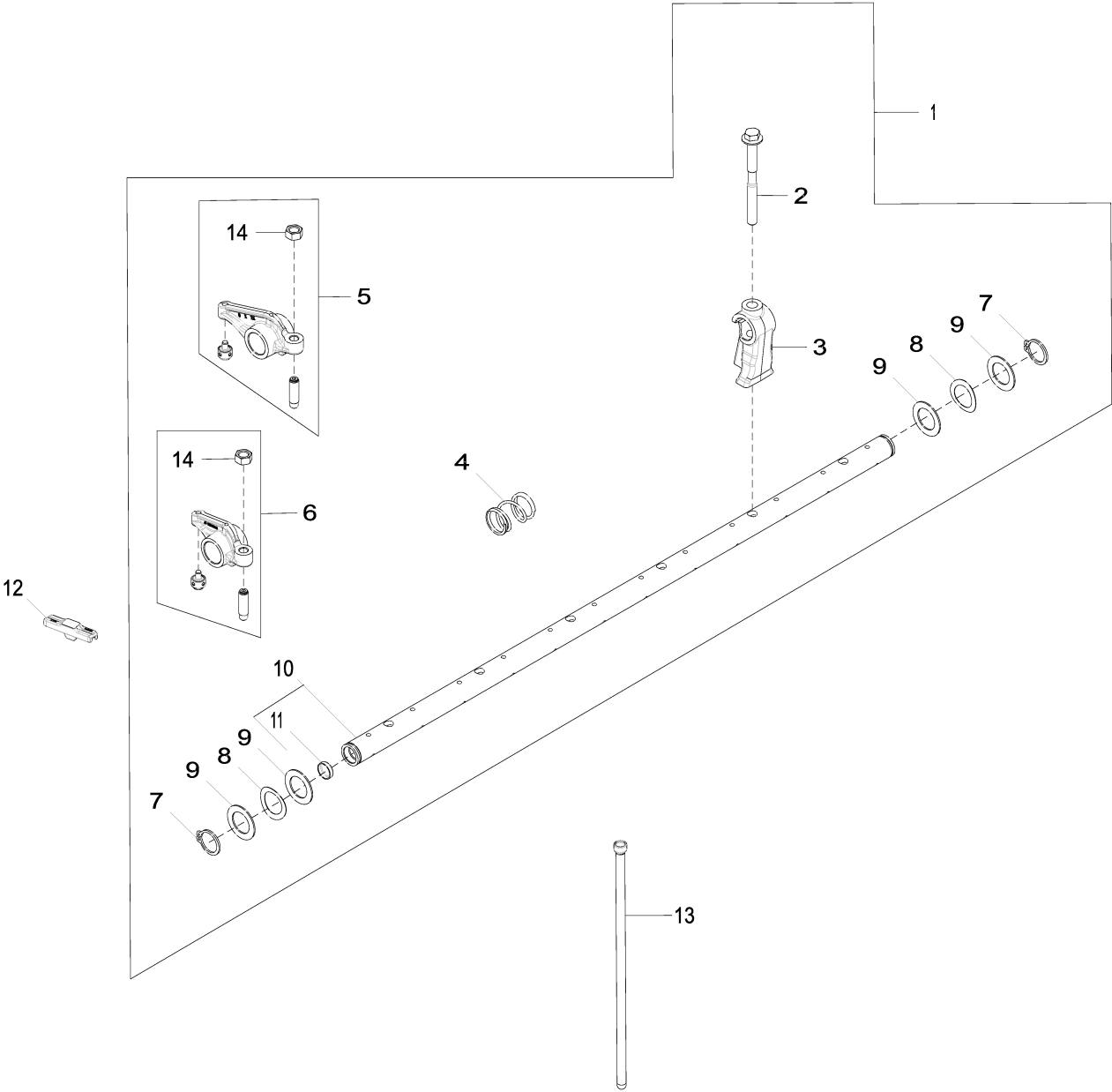
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE533148	Rocker Arm Shaft	1		
2	R524496	Gasket	1		SUB FOR R504882
3	RE556544	Push Rod	12		NLA; ORDER RE566623; SUB FOR RE547909
	RE566623	Push Rod	12		SUB FOR RE556544
4	R123565	Cam Follower	12		
5	RE533148	Rocker Arm Shaft	1		MARKED R518809 OR R525452; SUB FOR RE525452
6	R520867	O-Ring	1		
7	R502341	Valve Bridge	12		
8	24M7096	Washer	2		10.500 X 18 X 1.600 mm
9	R521458	Screw	7		
10	R69281	Ball	1		
11	RE523032	Cap	1		
12	19M8966	Screw	1		M10 X 50
13	R516140	Strap	5		
14	19M9170	Screw	1		M8 X 50
15	R504631	Clamp	1		
16	RE516491	Rocker Arm Shaft	1		MARKED R504782
17	30M7004	Plug	2		
18	14M7148	Nut	1		M10
19	RE504210	Rocker Arm	6		(B)
20	R505543	Spring	6		
21	RE523023	Rocker Arm	6		(A)

(A) Intake

(B) Exhaust

4903 Valve Actuating Mechanism

4903_RE533305_PCD D.1



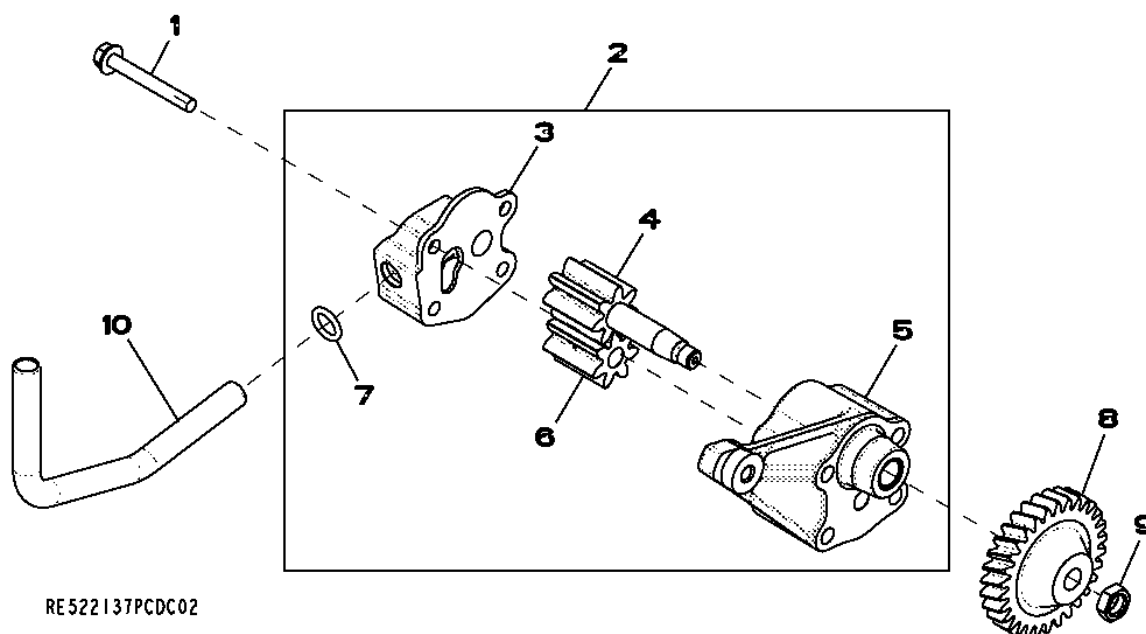
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE535979	Rocker Arm	1		
2	R521261	Cap Screw	6		
3	R526935	Pedestal	6		
4	R517522	Spring	5		
5	RE535934	Rocker Arm	6	(A)	
6	RE535935	Rocker Arm	6	(B)	
7	40M7259	Snap Ring	2		
8	R35022	Washer	2		
9	R521316	Washer	4		
10	RE535977	Rocker Arm Shaft	1		
11	30M7024	Plug	2		
12	R526781	Guide	12		
13	R536992	Push Rod	12		SUB FOR RE554958
	RE554958	Push Rod	12		SUB FOR R533611
14	R528240	Nut	1		

(A) Exhaust

(B) Intake

5024 Oil Pump

RE522137PCDC02 A.1

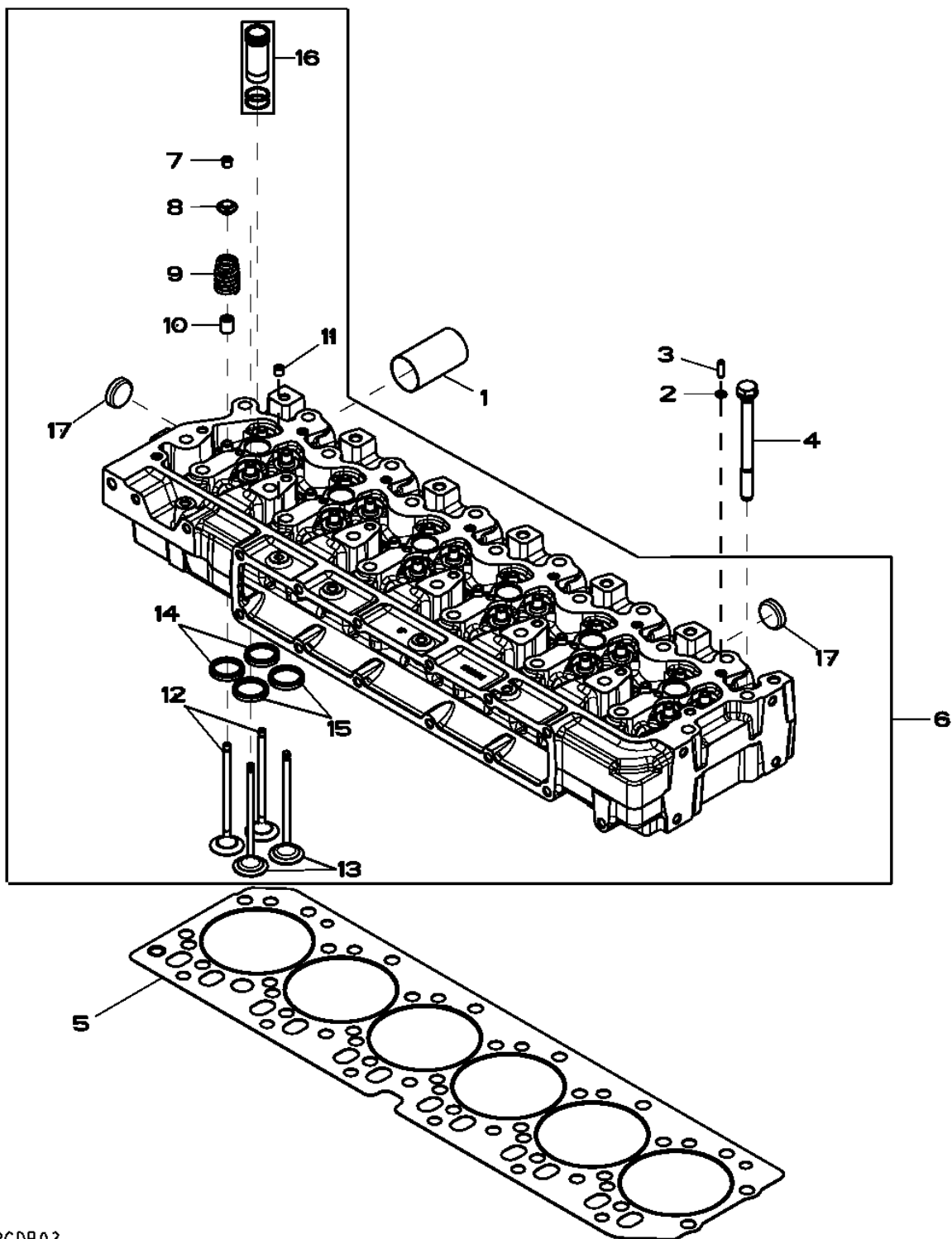


RE522137PCDC02

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	19M7802	Screw	2		M8 X 65
2	RE521756	Oil Pump	1		
	SE501813	Oil Pump Reman	1		(Reman For RE521756)
3	.....	Cover	1		NSEP (Order RE521756)
4	.....	Gear	1		NSEP (Order RE521756)
5	.....	Housing	1		NSEP (Order RE521756)
6	.....	Gear	1		NSEP (Order RE521756)
7	R97185	O-Ring	1		
8	R120638	Gear	1		
9	14M7066	Nut	1		M12
10	R526838	Oil Tube	1		

5120 Cylinder Head / Valves

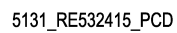
RE522138PCDB03 A.1



RE522138PCDB03

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R519582	Sleeve	6		
2	R520867	O-Ring	7		6.020 X 2.616 mm (0.237" X 0.103")
3	R521544	Bushing	2		4 X 6 X 20 mm (0.157" X 0.236" X 0.787")
4	R502511	Cap Screw	26		
5	R116516	Engine Cylinder Head Gasket	1		
6	RE521639	Cylinder Head	1		
	SE501583	Cylinder Head Reman	1		(REMAN FOR RE521639) (MARKED R519581)
7	R502371	Retainer	48		
8	R502367	Cap	24		
9	R518872	Spring	24		
10	RE526519	Seal	24		
11	RE71255	Pipe Plug	1		(A) 1/8"-27NPT, (Sub For R104592 and RE42713)
12	RE518081	Valve Kit	12		(Kit (2) R502370)
13	RE531221	Intake Valve	12		(Kit (2) R518806)
14	RE518083	Valve Seat Insert	12		
15	RE518082	Valve Seat Insert	12		
16	RE517435	Sleeve	6		Injector With O-Ring
17	CD16284	Plug	4		OD= 32.6MM

(B) Threads With Pre-Applied Sealant



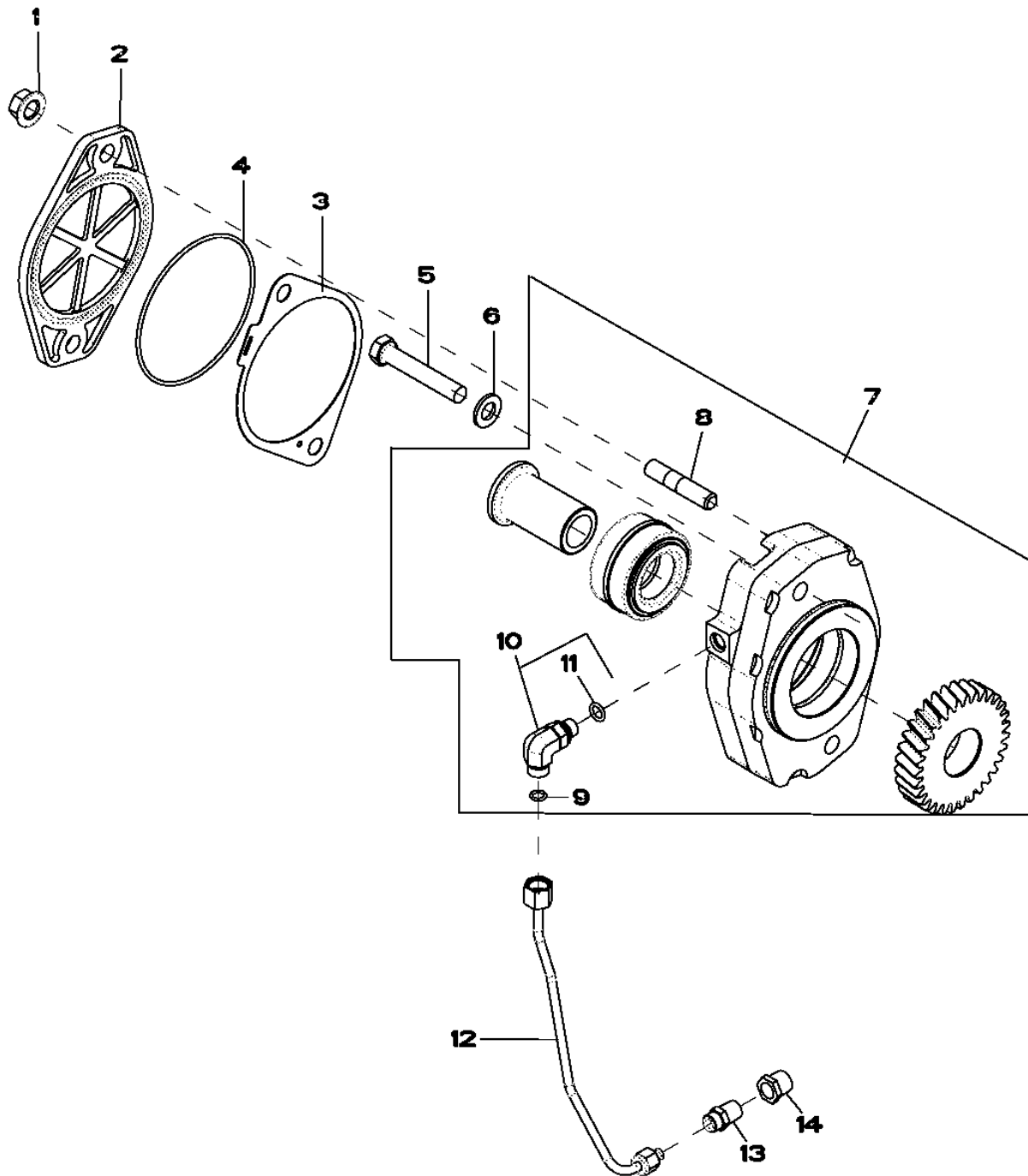
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R521544	Bushing	2		
2	R520867	O-Ring	7		
3	R502511	Cap Screw	26		
4	R519582	Sleeve	6		
5	RE521639	Cylinder Head	1		(Marked R519581)
	SE501583	Cylinder Head Reman	1		(Reman For RE521639) (MARKED R519581)
6	RE71255	Pipe Plug	1		
7	R502371	Retainer	48		
8	R502367	Cap	24		
9	RE531223	Spring	12		(Kit (2) R518872)
10	RE526519	Seal	24		
11	RE543935	Sleeve	6		
12	CD16284	Plug	4		
13	RE518082	Valve Seat Insert	6		(A) (Kit (2) R504969)
14	RE531221	Intake Valve	6		(Kit (2) R518806)
15	RE518083	Valve Seat Insert	6		(B) (Kit (2) R504968)
16	RE518081	Exhaust Valve	6		(Kit (2) R502370)
17	R116516	Engine Cylinder Head Gasket	1		

(A) Intake

(B) Exhaust

5201 Auxiliary Drive

RE59504PCDD05 A.1

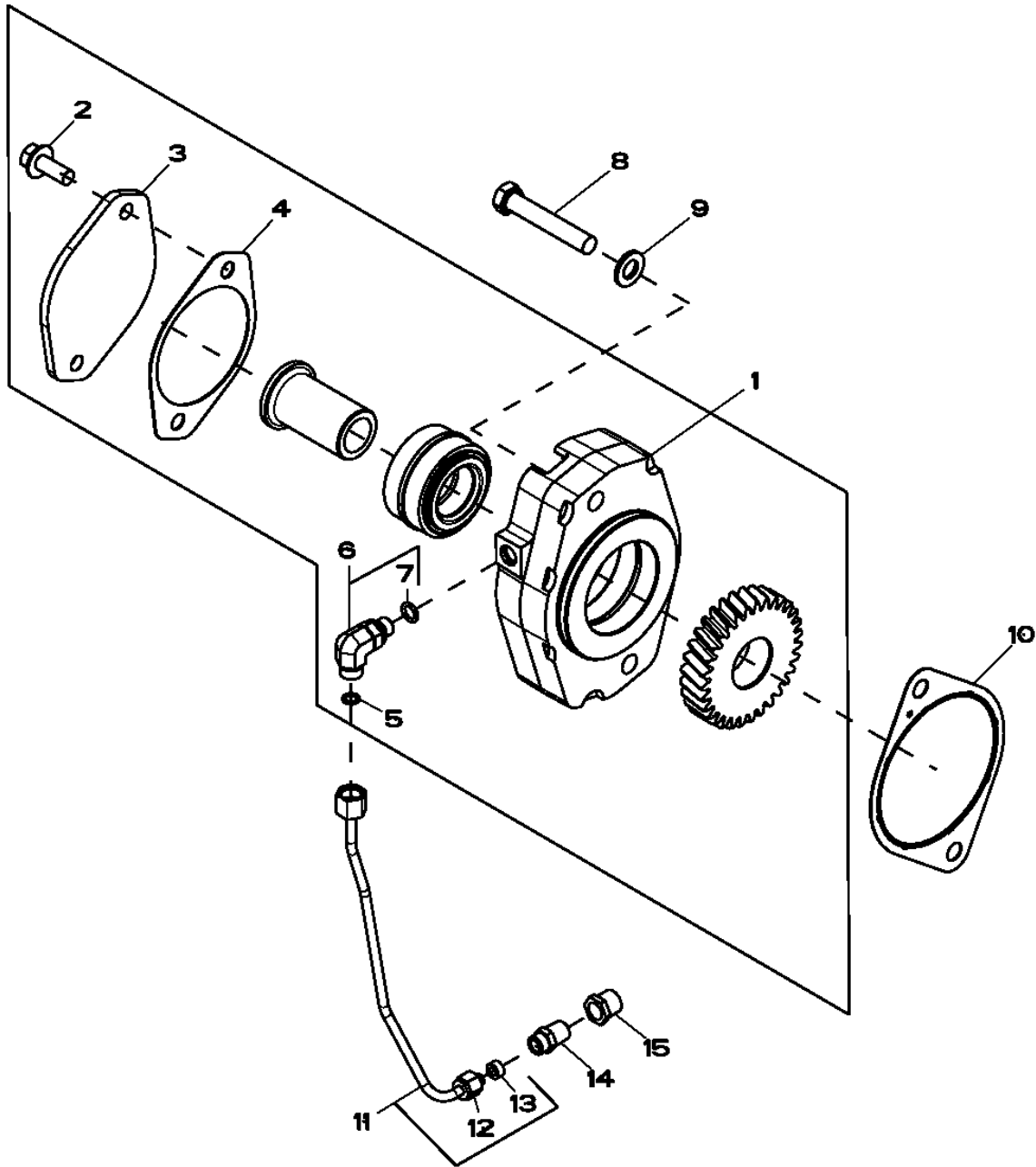


RE59504PCDD05

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	14M7299	Flange Nut	2	M12	
2	R135757	Cover	1		
3	R522690	Gasket	1		
4	T20758	O-Ring	1		107.620 X 2.616 mm (4.237" X 0.103")
5	19M7753	Cap Screw	2		M12 X 70
6	24M7047	Washer	2		13 X 24 X 2.500 mm
7	RE500824	Adapter Fitting	1		
8	42M7071	Stud	2		
9	T77814	O-Ring	1		
10	38H5015	Elbow Fitting	1		9.300 X 2.200 mm
11	51M7040	O-Ring	1		
12	RE506914	Oil Line	1		
13	R110664	Coupling	1		1/4"
14	15H700	Pipe Bushing	1		

5202 Auxiliary Drive

RE59502PCDD02 A.1



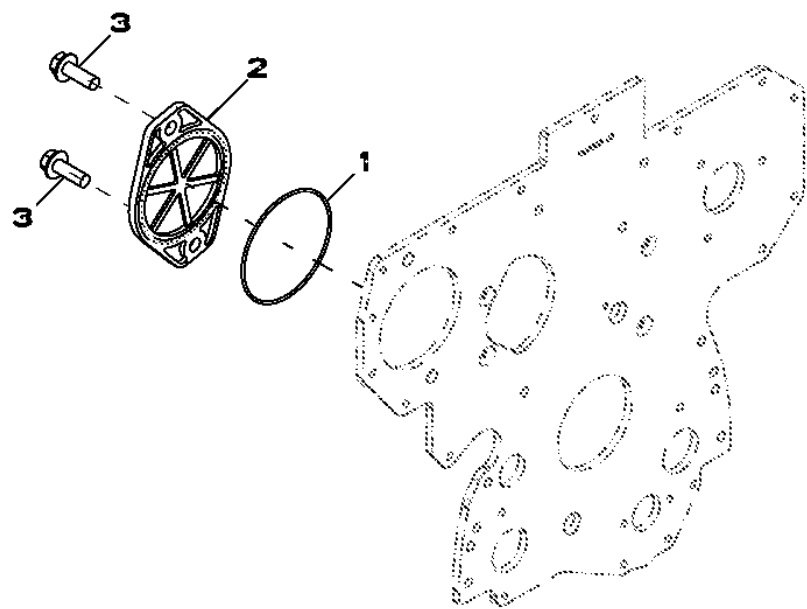
RE59502PCDD02

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE500825	Adapter Fitting	1		
2	19M7785	Screw	2		M10 X 25
3	R85145	Cover	1		
4	R96935	Gasket	1		
5	T77814	O-Ring	1		
6	38H5015	Elbow Fitting	1		M12 X 1.5 X 9/16"-18UNF, (Also Order T77814)
7	51M7040	O-Ring	1		9.300 X 2.200 mm
8	19M7753	Cap Screw	2		M12 X 70
9	24M7047	Washer	1		13 X 24 X 2.500 mm
10	R522690	Gasket	1		
11	RE506914	Oil Line	1		
12	R123593	Tube Nut	1		1/2"-24UNS
13	R51936	Sealing Washer	1		5.560 X 10.500 X 5.410 mm (7/32" X 0.413" X 0.213")
14	R110664	Coupling	1		1/4"-18NPT X 1/2"-24UNS
15	15H700	Pipe Bushing	1		(A) 1/4", 3/8"-18NPT X 1/4"-18NPT

(A) Threads With Pre-Applied Sealant

5204 Auxiliary Drive Cover

RE59264PCDD04 A.1

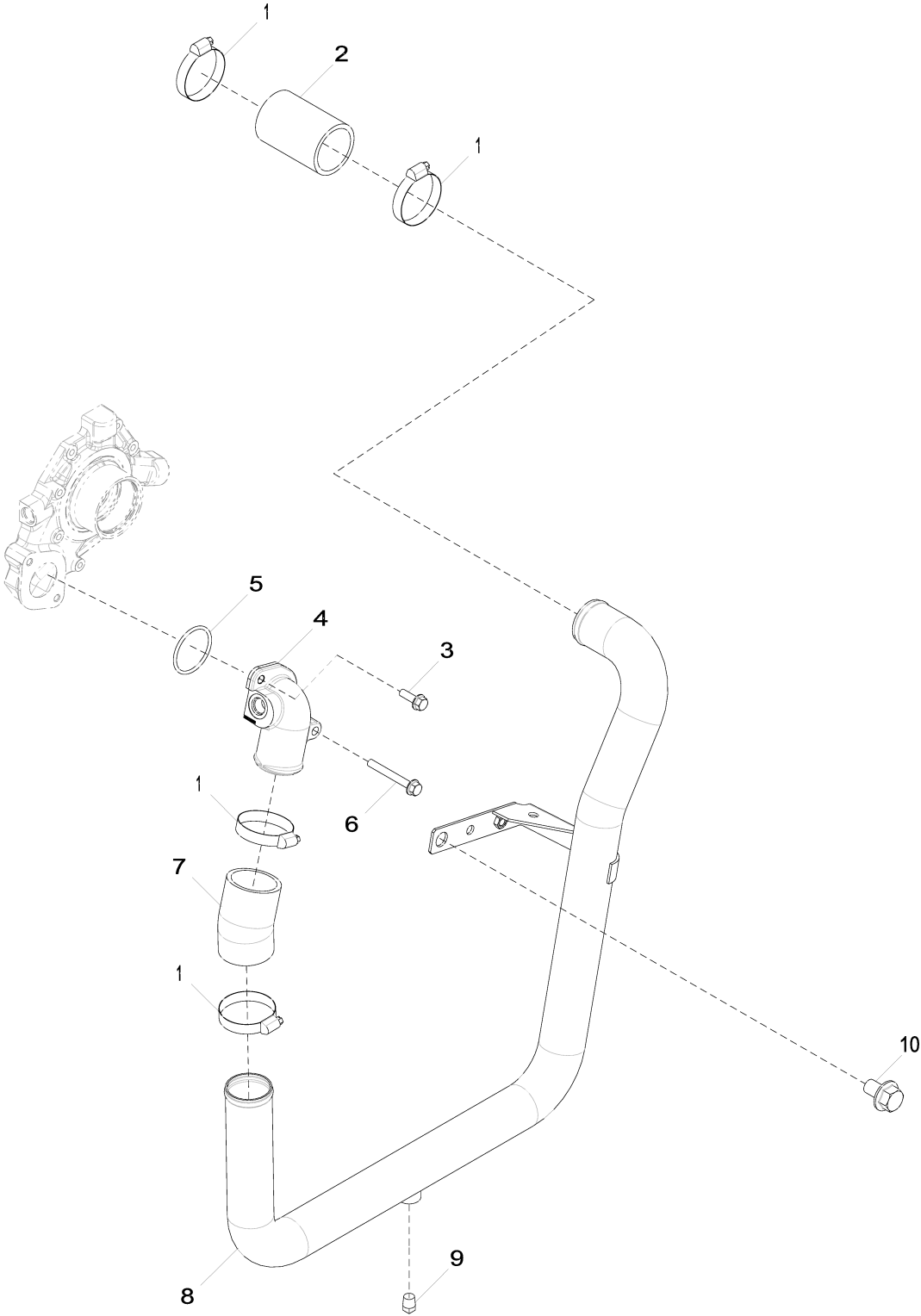


RE 59264PCDD04

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	T20758	O-Ring	1		
2	R135757	Cover	1		
3	19M7790	Screw	2		M12 X 35

5733 Water Pump Inlet

5733_RE537152_PCD A.1

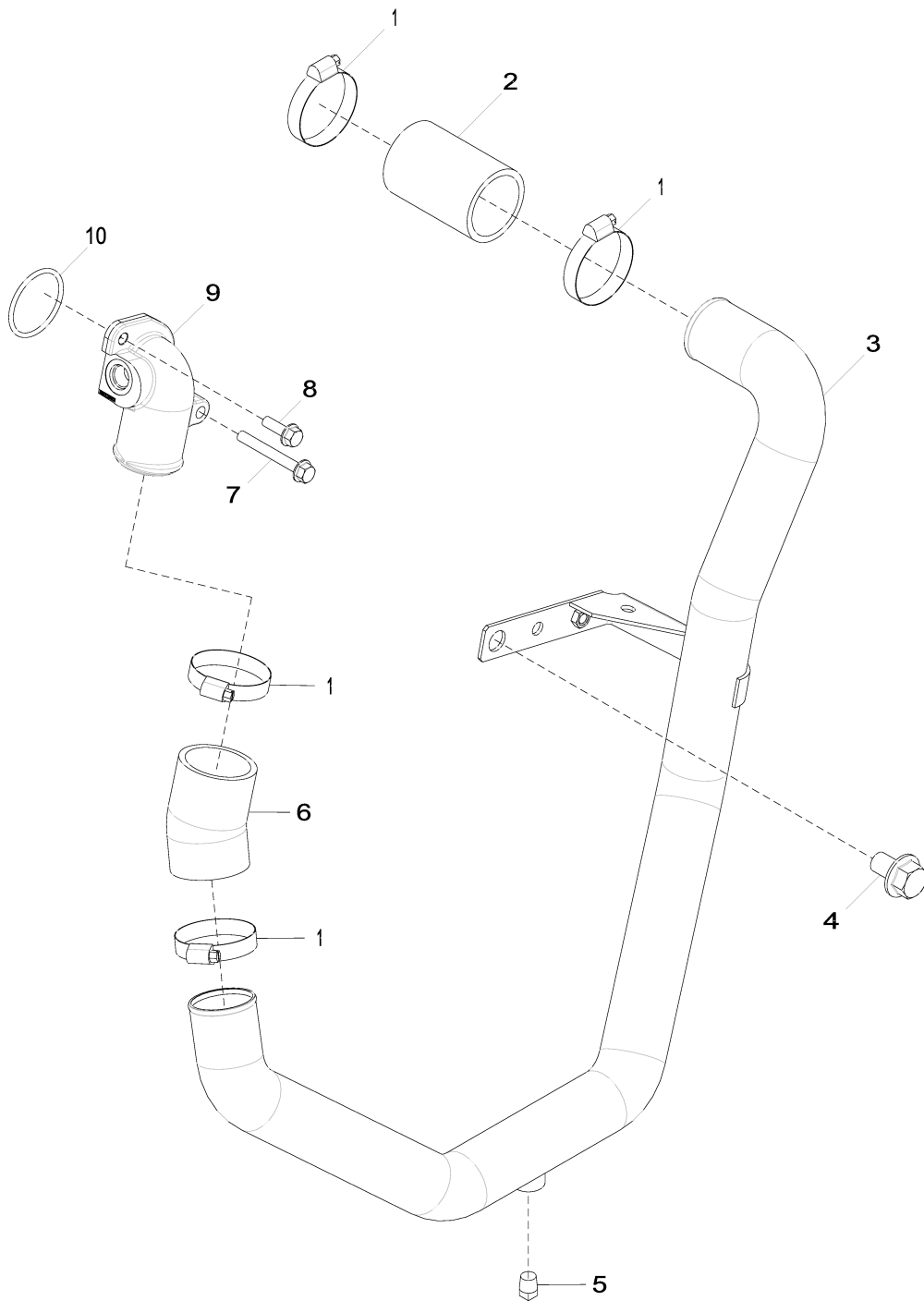


5733_RE537152_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	TY22470	Clamp	4		
2	R230480	Radiator Hose	1		
3	19M7867	Screw	1		M8 X 25
4	R502983	Water Pump Connection	1		
5	R89944	O-Ring	1		
6	19M7802	Screw	1		M8 X 65
7	R519500	Hose	1		
8	RE536612	Tube	1		
9	15H604	Pipe Plug	1		1/4"
10	19M8468	Screw	1		M16 X 25

5737 Water Pump Inlet

5737_RE544610_PCD A.1

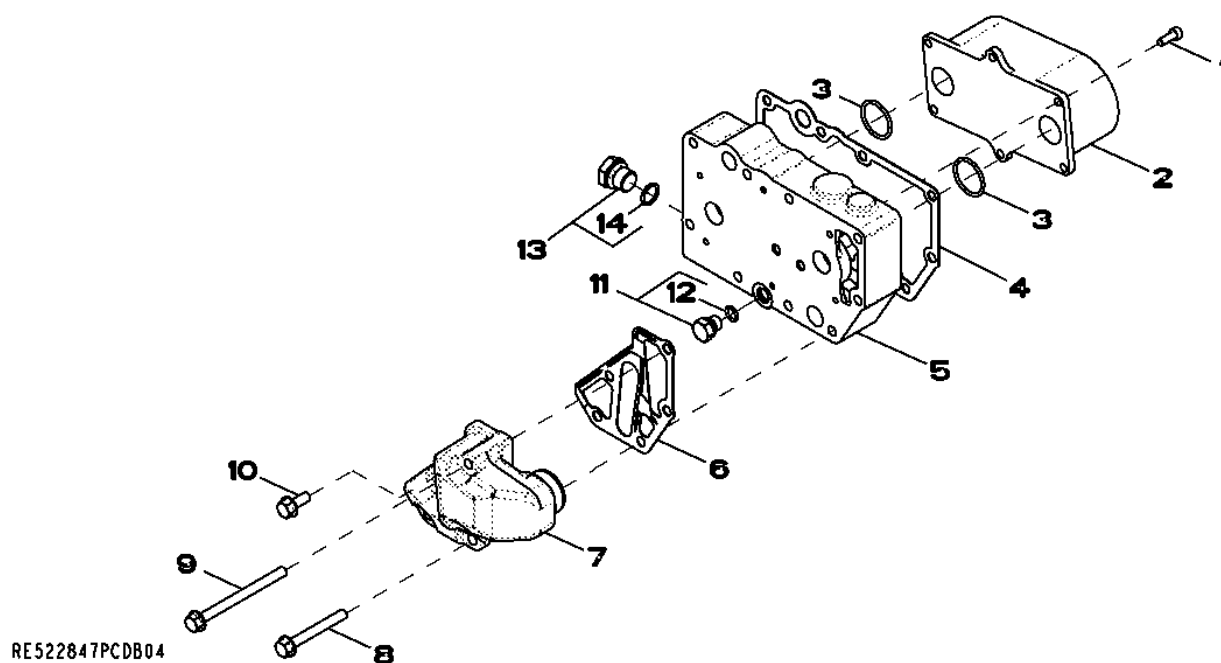


5737_RE544610_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	TY22470	Clamp	4		
2	R230480	Radiator Hose	1		
3	RE544609	Tube	1		
4	19M8468	Screw	1		M16 X 25
5	15H604	Pipe Plug	1		1/4"
6	R519500	Hose	1		
7	19M7802	Screw	1		M8 X 65
8	19M7867	Screw	1		M8 X 25
9	R502983	Water Pump Connection	1		
10	R89944	O-Ring	1		

5945 Engine Oil Cooler

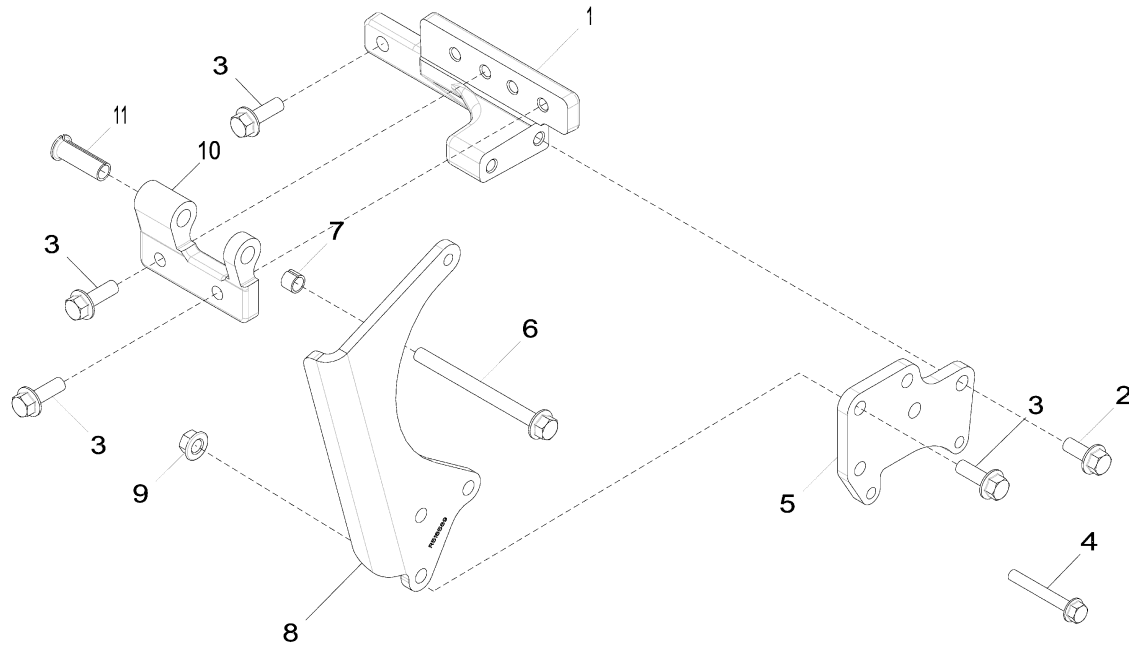
RE522847PCDB04 A.1



Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE67231	Screw	6		
2	RE59298	Oil Cooler	1		
3	T122075	O-Ring	2		
4	R123501	Gasket	1		
5	R520983	Housing	1		
6	R501428	Gasket	1		
7	RE508599	Kit	1		
8	19M7802	Screw	2		M8 X 65
9	19M7970	Screw	2		M8 X 100
10	RE67238	Screw	1		
11	RE46686	Fitting	1		
12	51M7040	O-Ring	1		9.300 X 2.200 mm
13	RE46685	Fitting Plug	1		
14	51M7043	O-Ring	1		15.300 X 2.200 mm

6257 Alternator Brackets

6257_RE517275_PCD B.1

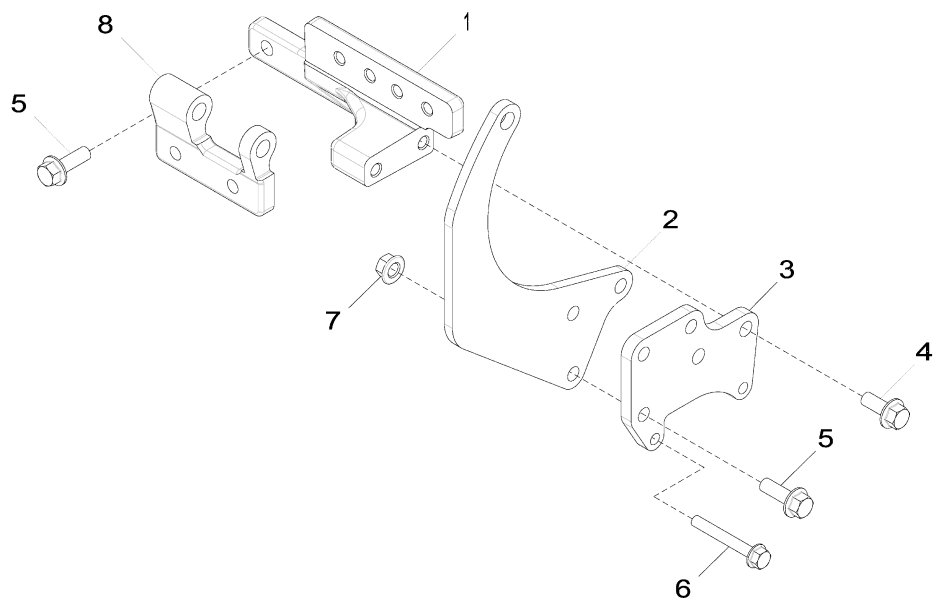


6257_RE517275_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R529946	Bracket	1		
2	19M7785	Screw	2		M10 X 25
3	19M7786	Screw	7		M10 X 30
4	19M7801	Screw	2		M8 X 60
5	R516510	Hose	1		
6	19M7944	Screw	1		M10 X 120
7	R135423	Bushing	1		
8	R516569	Strap	1		
9	14M7296	Flange Nut	3		M10
10	R516574	Bracket	1		
11	R134010	Bushing	1		

62AE Alternator Brackets

62AE_RE532526_PCD B.1

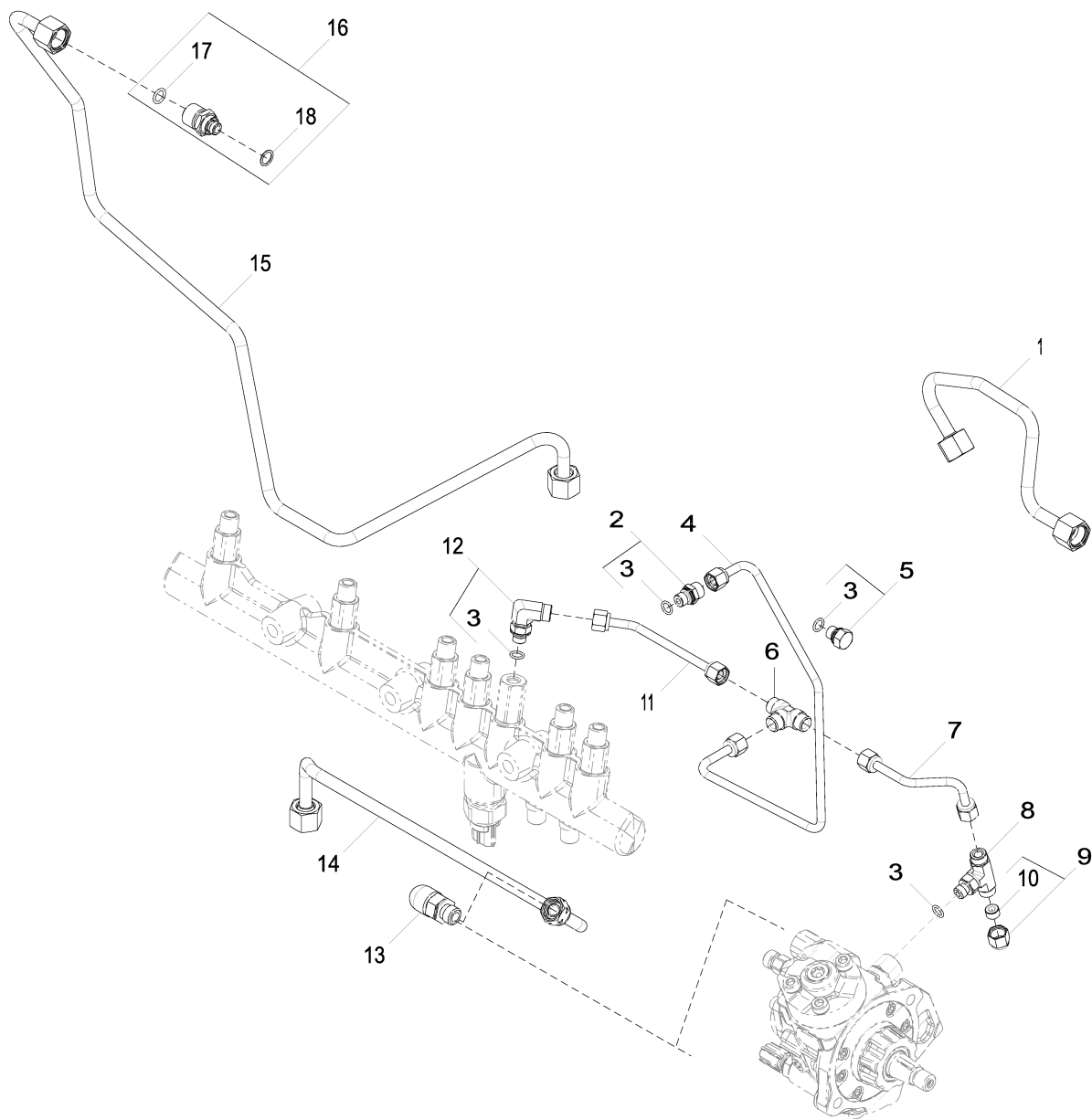


62AE_RE532526_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R529946	Bracket	1		
2	R515609	Strap	1		
3	R516510	Hose	1		
4	19M7785	Screw	2		M10 X 25
5	19M7786	Screw	7		M10 X 30
6	19M7801	Screw	2		M8 X 60
7	14M7296	Flange Nut	3		M10
8	R516574	Bracket	1		

6392 Fuel Lines

6392_RE527893_PCD B.1



6392_RE527893_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE529351	Fuel Line	1		
2	RE60028	Fitting	1		
3	51M7039	O-Ring	4		8.100 X 1.600 mm
4	RE527253	Fuel Line	1		
5	RE60071	Fitting	1		
6	R97061	Tee Fitting	1		
7	RE523463	Fuel Line	1		
8	RE502175	Fitting	1		
9	R123593	Tube Nut	1		
10	AR85519	Plug	1		
11	RE523464	Fuel Line	1		
12	RE502173	Fitting	1		
13	RE502174	Elbow Fitting	1		
14	RE529352	Fuel Line	1		
15	RE546050	Fuel Line	1		(SUB FOR RE529353)
16	RE507247	Hose Fitting	1		
17	T77613	O-Ring	1		
18	R500271	O-Ring	1		

63BY Low Pressure Fuel Lines

63BY_RE535909_PCD B.1

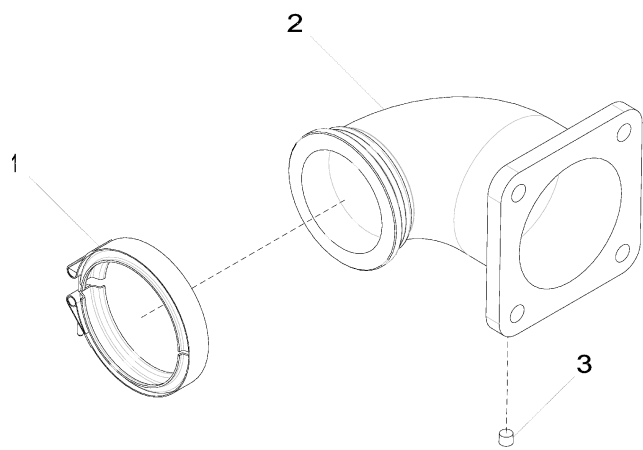


63BY_RE535909_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	AR85519	Plug	1		
2	RE502175	Fitting	1		
3	51M7039	O-Ring	1		8.100 X 1.600 mm
4	RE523463	Fuel Line	1		
5	R97061	Tee Fitting	1		
6	RE523464	Fuel Line	1		
7	RE502173	Fitting	1		
8	51M7039	O-Ring	1		8.100 X 1.600 mm
9	RE60028	Fitting	1		
10	51M7039	O-Ring	1		8.100 X 1.600 mm
11	RE527253	Fuel Line	1		
12	RE502174	Elbow Fitting	1		
13	RE548807	Fuel Line	1		(SUB FOR RE535764)
14	19M7835	Screw	1		M10 X 35
15	14M7298	Flange Nut	1		M8
16	R133722	Bracket	1		
17	24M7028	Washer	1		10.500 X 20 X 2 mm
18	19M7866	Screw	1		M8 X 20
19	T13814	Clamp	3		
20	RE507247	Hose Fitting	1		
21	T77613	O-Ring	1		
22	R500271	O-Ring	1		
23	R63548	O-Ring	2		
24	38H1278	Union Fitting	1		
25	RE535763	Fuel Line	1		
26	RE535765	Fuel Line	1		
27	RE60071	Fitting	1		
28	51M7039	O-Ring	1		8.100 X 1.600 mm
29	R526734	Bracket	1		
30	19M7785	Screw	2		M10 X 25
31	CD14689	Spacer	2		
32	19M7867	Screw	2		M8 X 25

6402 Exhaust Elbow

6402_RE49958_PCD A.1

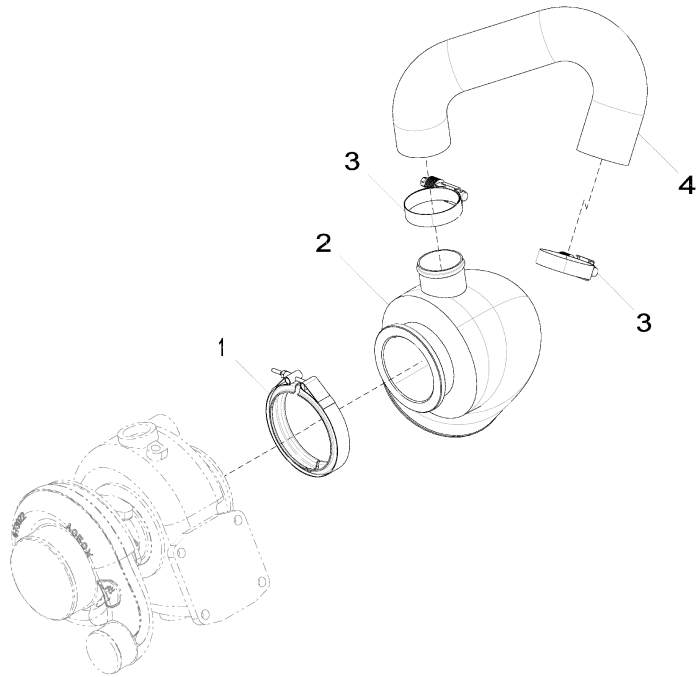


6402_RE49958_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE47537	Clamp	1		
2	R110108	Elbow Fitting	1		
3	RE71255	Pipe Plug	1		

6436 Exhaust Elbow

6436_RE527898_PCD A.2

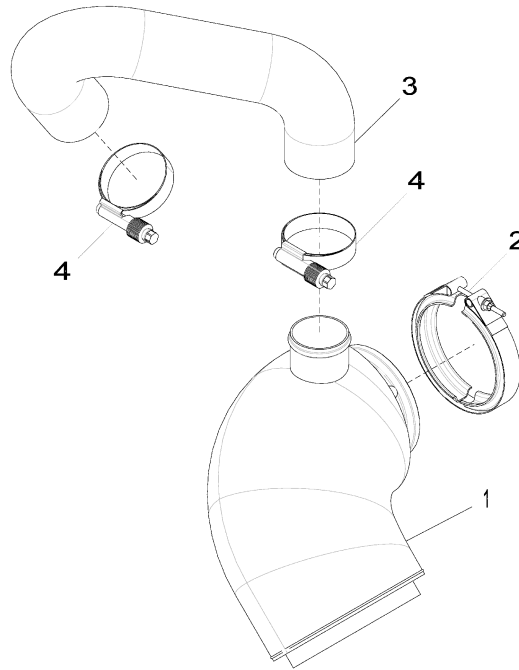


6436_RE527898_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE47537	Clamp	1		
2	RE528578	Pipe Elbow	1		
3	RE67208	Clamp	2		
4	R522326	Hose	1		

6439 Exhaust Elbow

6439_RE539663_PCD A.2

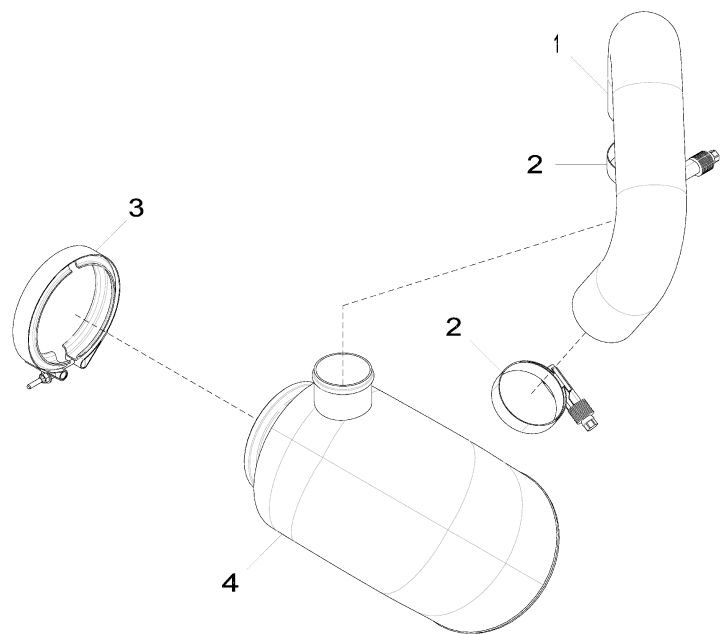


6439_RE539663_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE528578	Pipe Elbow	1		
2	RE47537	Clamp	1		
3	R529648	Hose	1		
4	RE67208	Clamp	2		

6442 Exhaust Elbow

6442_RE548843_PCD A.1

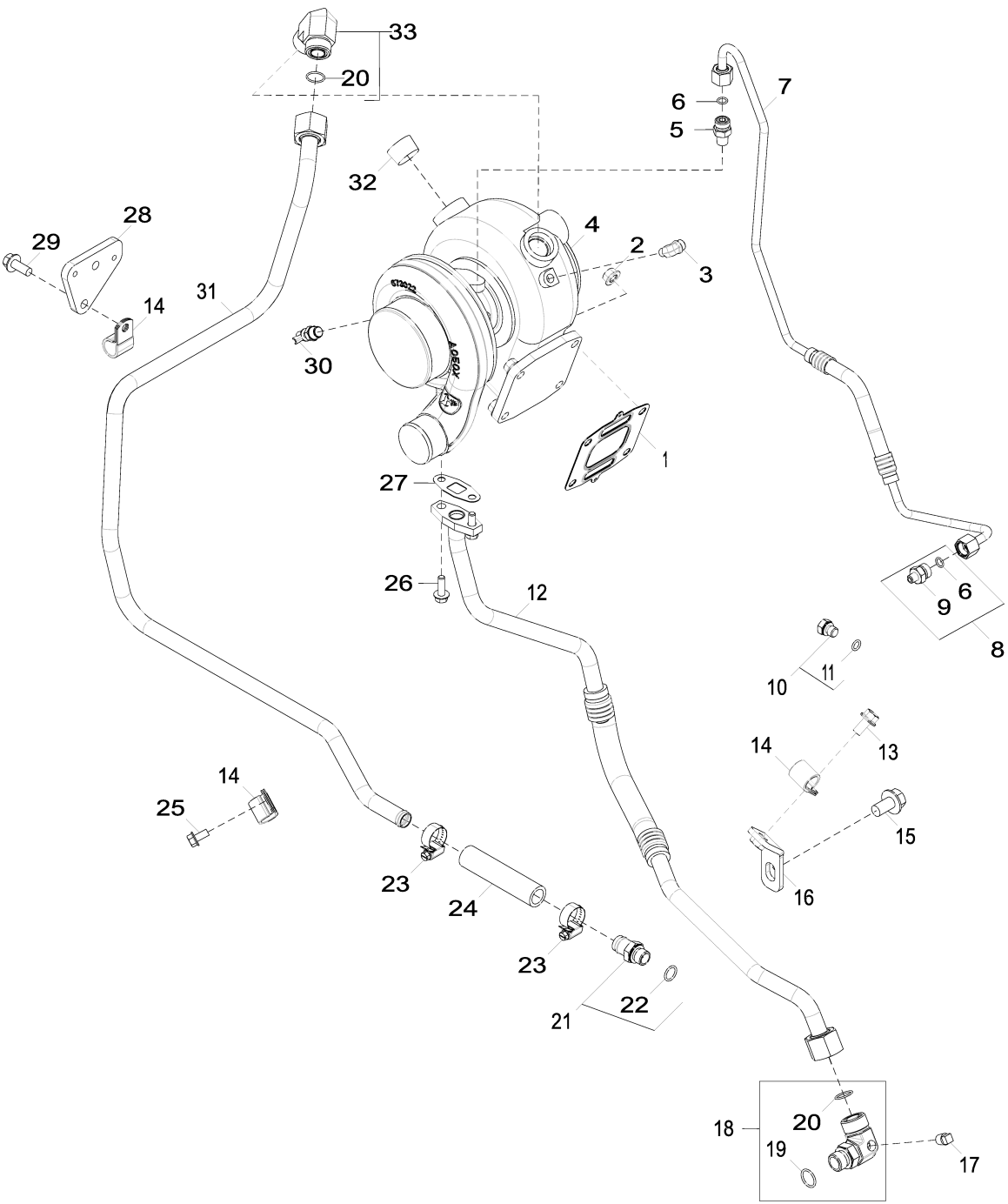


6442_RE548843_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R533874	Hose	1		
2	RE67208	Clamp	2		
3	RE47537	Clamp	1		
4	RE528578	Pipe Elbow	1		

65F5 Turbocharger

65F5_RE548799_PCD B.1

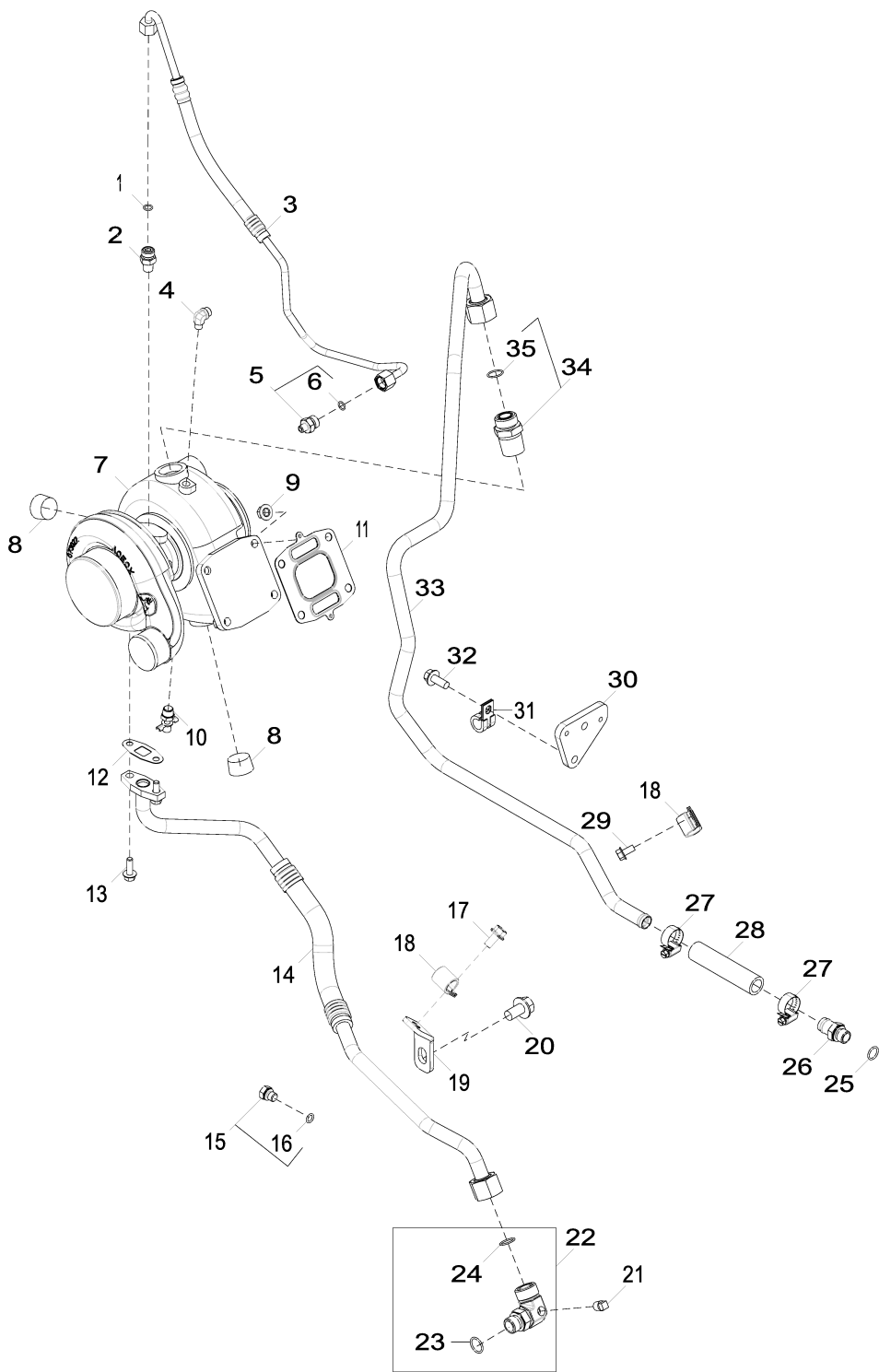


65F5_RE548799_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE549173	Gasket	1		
2	14M7296	Flange Nut	4		M10
3	R67364	Elbow Fitting	1		
4	SE502269	Turbocharger Reman	1		MARKED RE546043
5	M87733	Adapter Fitting	1		
6	R63548	O-Ring	2		
7	RE546046	Oil Line	1		
8	RE521531	Adapter Fitting	1		
9	R519312	Adapter Fitting	1		
10	RE46686	Fitting	1		
11	51M7040	O-Ring	1		9.300 X 2.200 mm
12	RE546045	Oil Line	1		
13	19M7784	Screw	1		M10 X 20
14	R73291	Clamp	3		
15	19M8672	Screw	1		M14 X 25
16	RE540122	Bracket	1		
17	15H604	Pipe Plug	1		1/4"
18	RE540178	Elbow Fitting	1		
19	51M7045	O-Ring	1		19.300 X 2.200 mm
20	T77858	O-Ring	2		
21	R521324	Fitting	1		
22	51M7043	O-Ring	1		15.300 X 2.200 mm
23	RE65978	Clamp	2		
24	R524438	Hose	1		
25	19M7865	Screw	1		M8 X 16
26	19M8063	Screw	2		M8 X 25
27	R123570	Gasket	1		
28	R526734	Bracket	1		
29	19M7785	Screw	2		M10 X 25
30	RE56403	Drain Valve	1		
31	RE548798	Line	1		
32	15H562	Pipe Plug	2		1"
33	RE523561	Elbow Fitting	1		

65VH Turbocharger / Lines

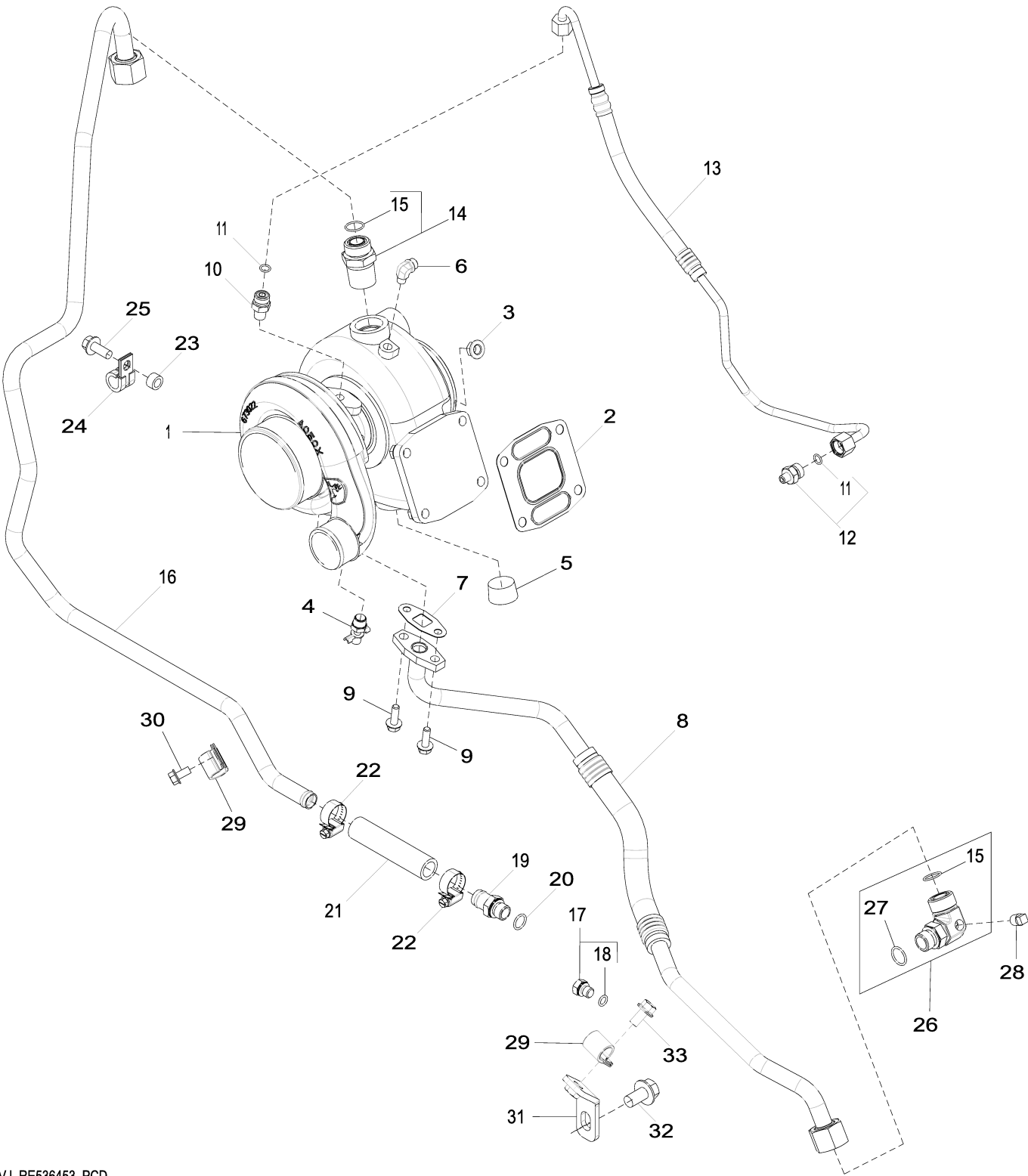
65VH_RE536452_PCD B.1



65VH_RE536452_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R63548	O-Ring	1		
2	M87733	Adapter Fitting	1		
3	RE538491	Oil Line	1		
4	R67364	Elbow Fitting	1		
5	RE521531	Adapter Fitting	1		
6	R63548	O-Ring	1		
7	RE539065	Turbocharger Reman	1		
8	15H562	Pipe Plug	2		1"
9	14M7296	Flange Nut	4		M10
10	AT13740	Drain Valve	1		
11	RE549173	Gasket	1		
12	R123570	Gasket	1		
13	N275830	Screw	2		
14	RE540108	Oil Line	1		
15	RE46686	Fitting	1		
16	51M7040	O-Ring	1		9.300 X 2.200 mm
17	19M7784	Screw	1		M10 X 20
18	T74416	Clamp	2		
19	RE540122	Bracket	1		
20	19M8672	Screw	1		M14 X 25
21	15H604	Pipe Plug	1		1/4"
22	RE540178	Elbow Fitting	1		
23	51M7045	O-Ring	1		19.300 X 2.200 mm
24	T77858	O-Ring	1		
25	51M7043	O-Ring	1		15.300 X 2.200 mm
26	R521324	Fitting	1		
27	RE65978	Clamp	2		
28	R524438	Hose	1		
29	19M7865	Screw	1		M8 X 16
30	R526734	Bracket	1		
31	T74416	Clamp	1		
32	19M7785	Screw	2		M10 X 25
33	RE535752	Line	1		
34	RE531580	Fitting	1		
35	T77858	O-Ring	1		

65VJ Turbocharger
65VJ_RE536453_PCD A.1

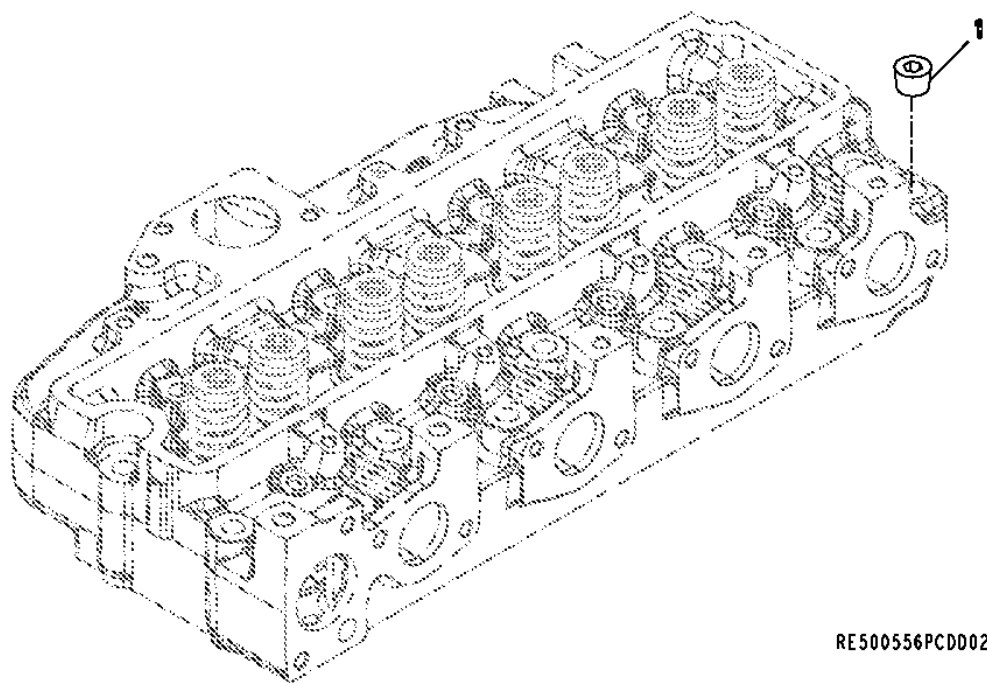


65VJ_RE536453_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	SE502269	Turbocharger Reman	1		(MARKED RE533030)
2	RE528013	Gasket	1		ORDER RE549173
3	14M7296	Flange Nut	4		M10
4	AT13740	Drain Valve	1		(SUB FOR R56403)
5	15H562	Pipe Plug	2		1"
6	R67364	Elbow Fitting	1		
7	R123570	Gasket	1		
8	RE542490	Oil Line	1		
9	N275830	Screw	2		
10	M87733	Adapter Fitting	1		(ALSO ORDER R63548)
11	R63548	O-Ring	1		
12	RE521531	Adapter Fitting	1		
13	RE538491	Oil Line	1		
14	RE531580	Fitting	1		
15	T77858	O-Ring	1		
16	RE540531	Line	1		
17	RE46686	Fitting	1		
18	51M7040	O-Ring	1		9.300 X 2.200 mm
19	R521324	Fitting	1		
20	51M7043	O-Ring	1		15.300 X 2.200 mm
21	R524438	Hose	1		(SUB FOR R519518)
22	RE65978	Clamp	2		
23	28H860	Washer	1		0.423" X 0.675" X 3/8"
24	T74416	Clamp	1		
25	19M7785	Screw	1		M10 X 25
26	RE540178	Elbow Fitting	1		
27	51M7045	O-Ring	1		19.300 X 2.200 mm
28	15H604	Pipe Plug	1		1/4"
29	R73291	Clamp	2		
30	19M7865	Screw	1		M8 X 16
31	RE540122	Bracket	1		
32	19M8672	Screw	1		M14 X 25
33	19M7784	Screw	1		M10 X 20

6698 Temperature Switch - Plug

RE500556PCDD02 A.1

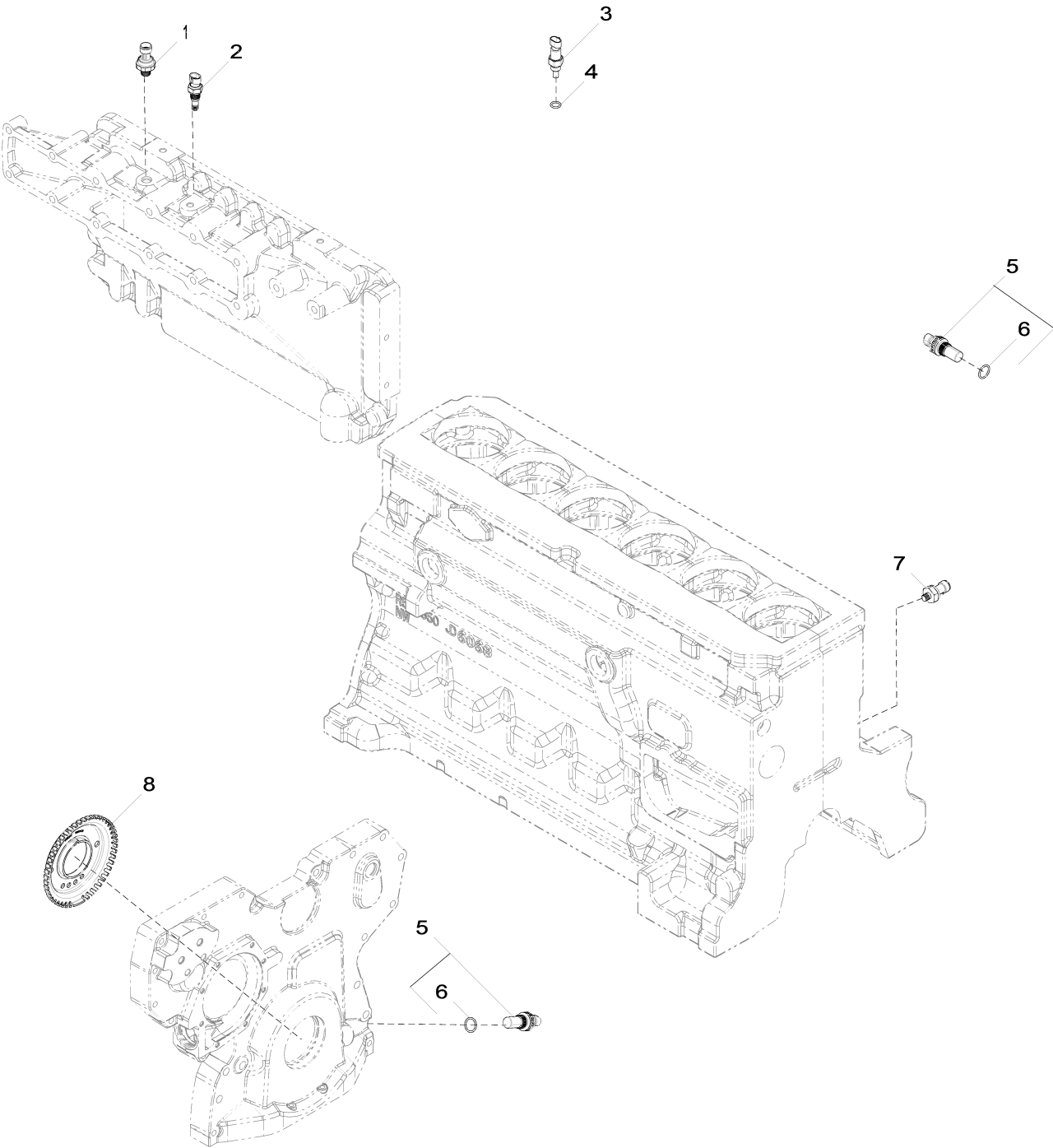


RE500556PCDD02

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	15H584	Pipe Plug	1	1/2"	

6749 Engine Sensors

6749_RE538501_PCD A.1

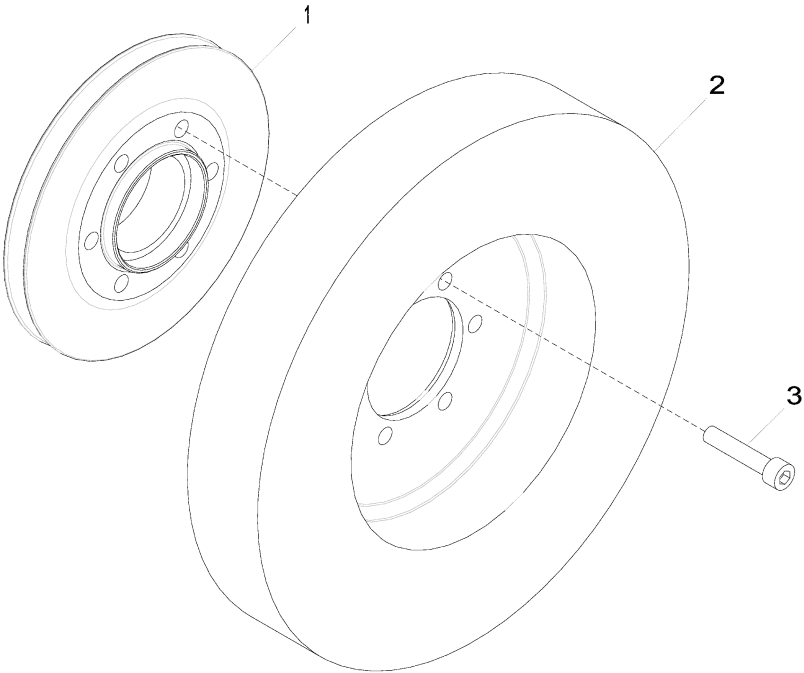


6749_RE538501_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE522723	Manifold Air Press. Sensor	1		
2	RE525016	Thermocouple	1		
3	RE52722	Temperature Sensor	1		
4	51M7041	O-Ring	1		11.300 X 2.200 mm
5	RE519144	Sensor	2		
6	51M7044	O-Ring	1		17.300 X 2.200 mm
7	RE167207	Sensor	1		
8	R517471	Wheel	1		

6812 Damper

6812_RE527895_PCD A.1

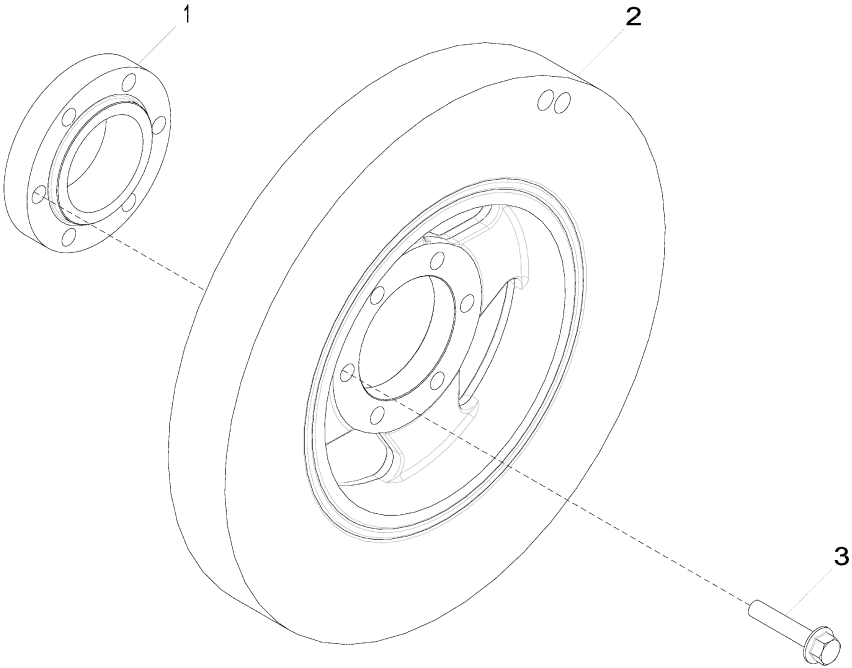


6812_RE527895_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R522560	Pulley	1		
2	RE528010	Torsional Damper	1		
3	19M8853	Screw	6		M10 X 50

6813 Damper Assembly

6813_RE533440_PCD A.1

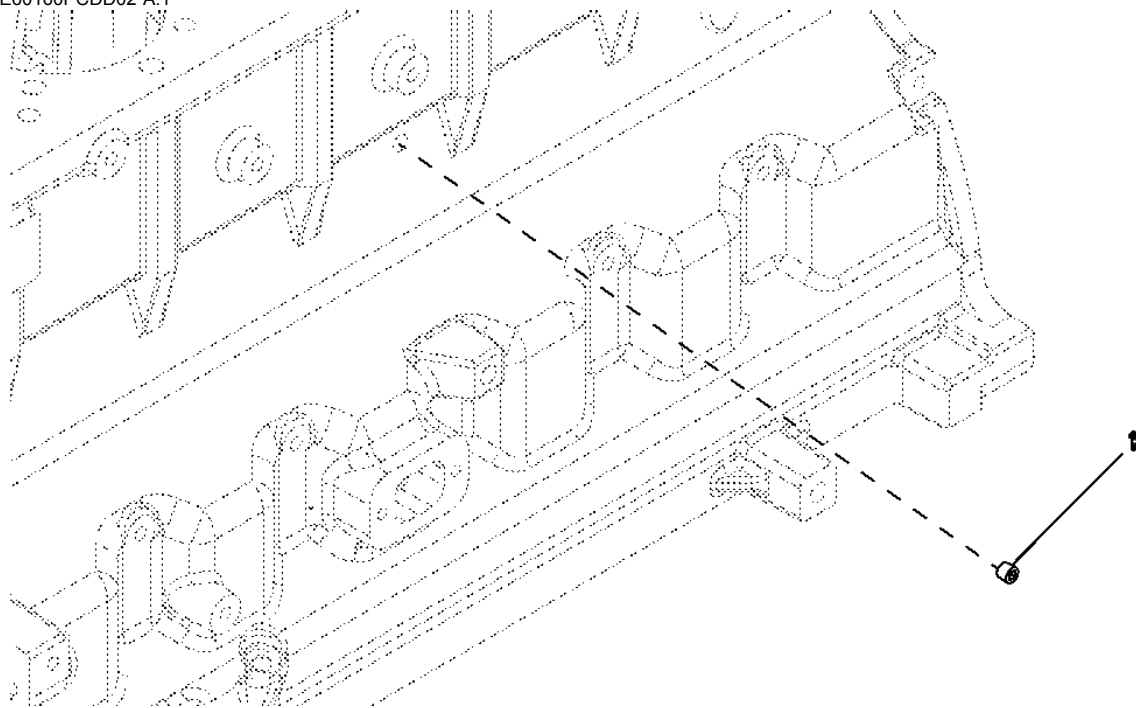


6813_RE533440_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R534085	Adapter	1		(SUB FOR R526294)
2	RE530331	Torsional Damper	1		
3	19M8292	Screw	6		M10 X 50

7699 Oil Pressure Switch - Plug

RE60160PCDD02 A.1

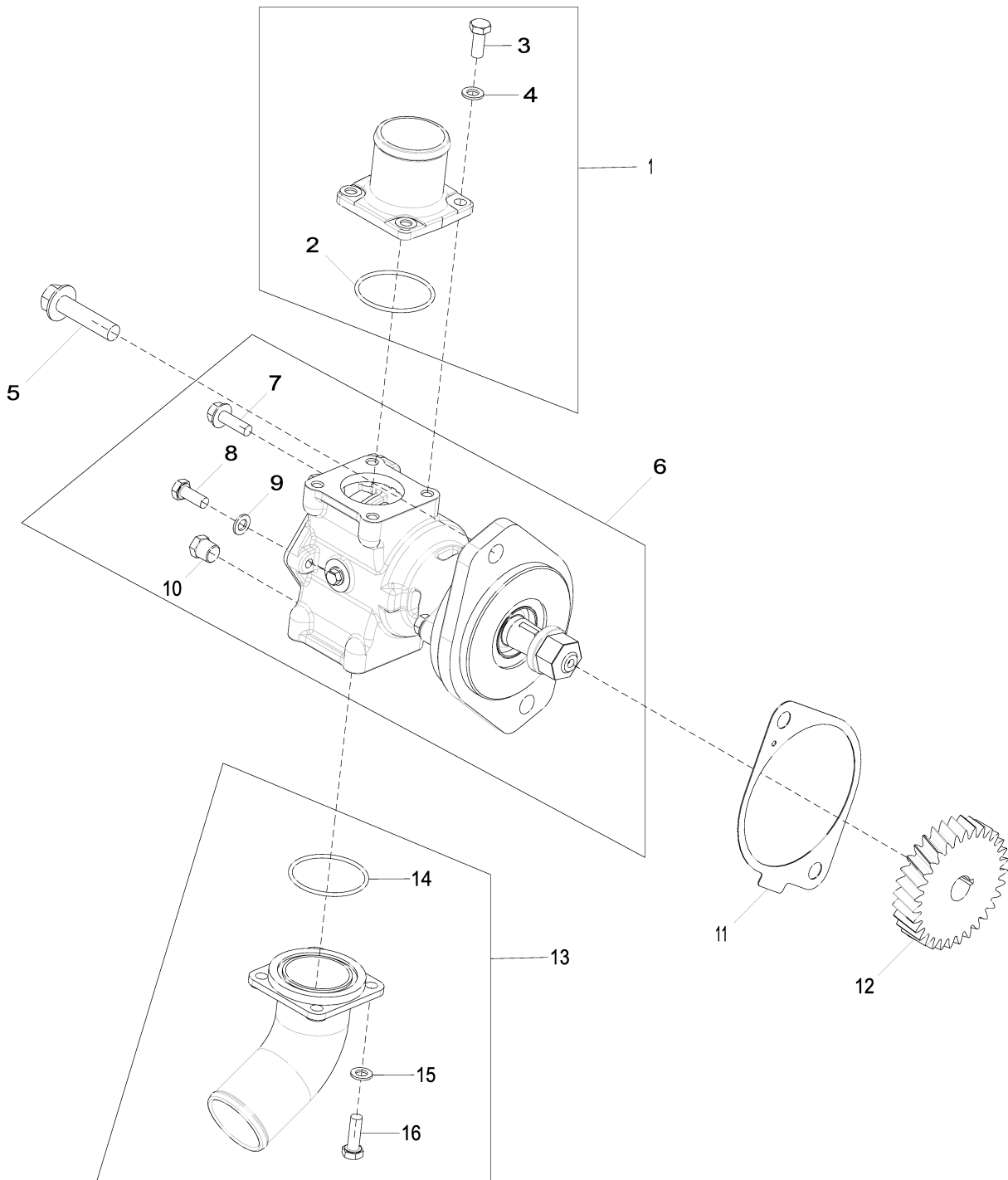


RE60160PCDA01

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE71255	Pipe Plug	1		

8024 Sea Water Pump

8024_RE535914_PCD A.1



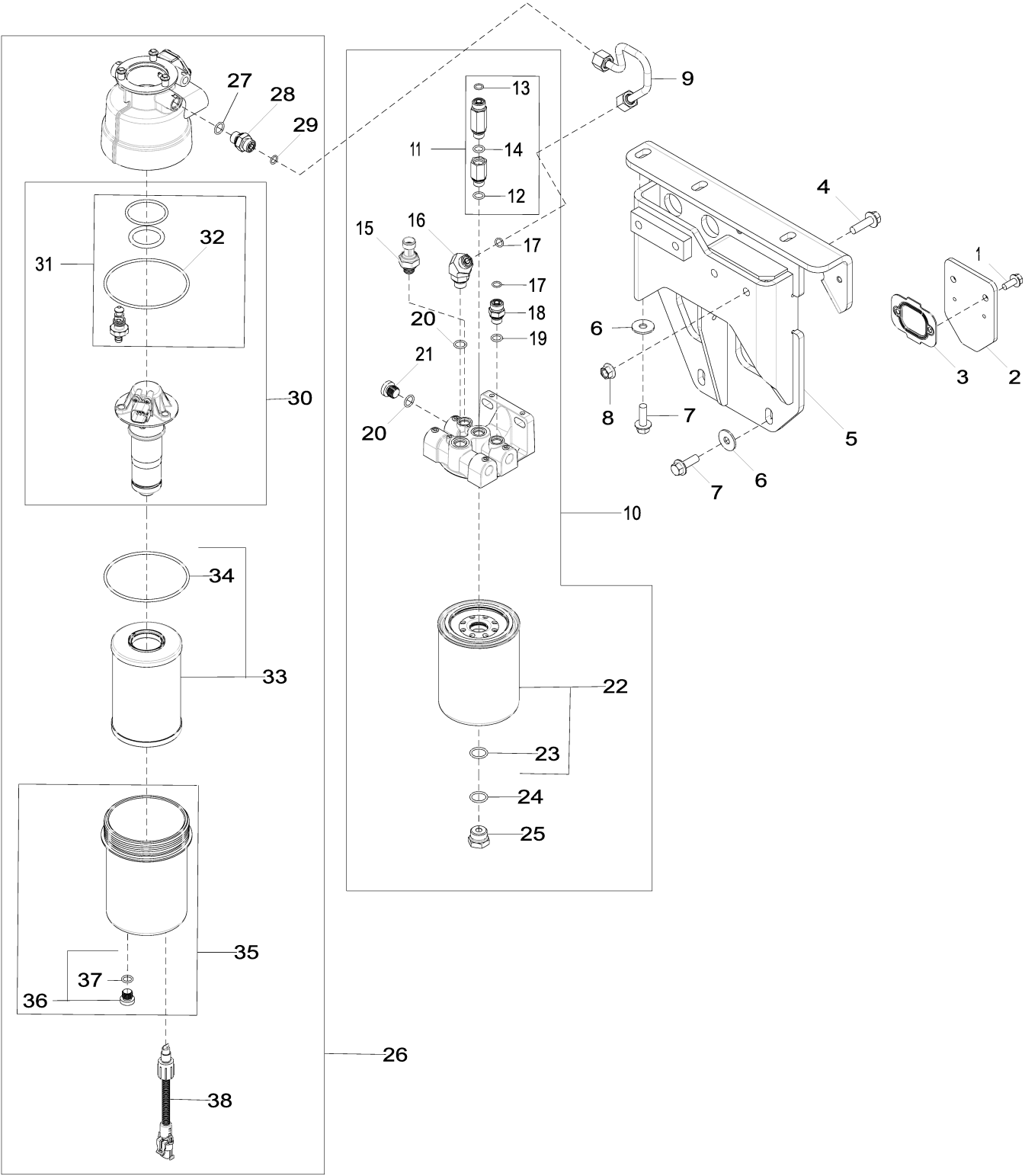
8024_RE535914_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE538665	Adapter	1		
2	U42111	O-Ring	1		
3	19M9962	Screw	4		M8 X 20
4	24M7537	Washer	4		8.400 X 15 X 1.600 mm
5	19M8306	Screw	2		M12 X 50
6	RE538663	Water Pump	1		
7	19M7867	Screw	4		M8 X 25
8	19M9962	Screw	3		M8 X 20
9	24M7537	Washer	3		8.400 X 15 X 1.600 mm
10	H26723	Drain Plug	2		
11	R522690	Gasket	1		
12	R135101	Gear	1		
13	RE538664	Adapter Kit	1		
14	U42111	O-Ring	1		
15	24M7537	Washer	4		8.400 X 15 X 1.600 mm
16	19M9963	Screw	4		M8 X 25
..	RE49896	Impeller Kit	1		
..	RE540391	Pump Repair Kit	1		(A)

(A) Water Pump Major Repair

81AG Final Fuel Filter / Primary Fuel Filter

81AG_RE535891_PCD A.1



81AG_RE535891_PCD

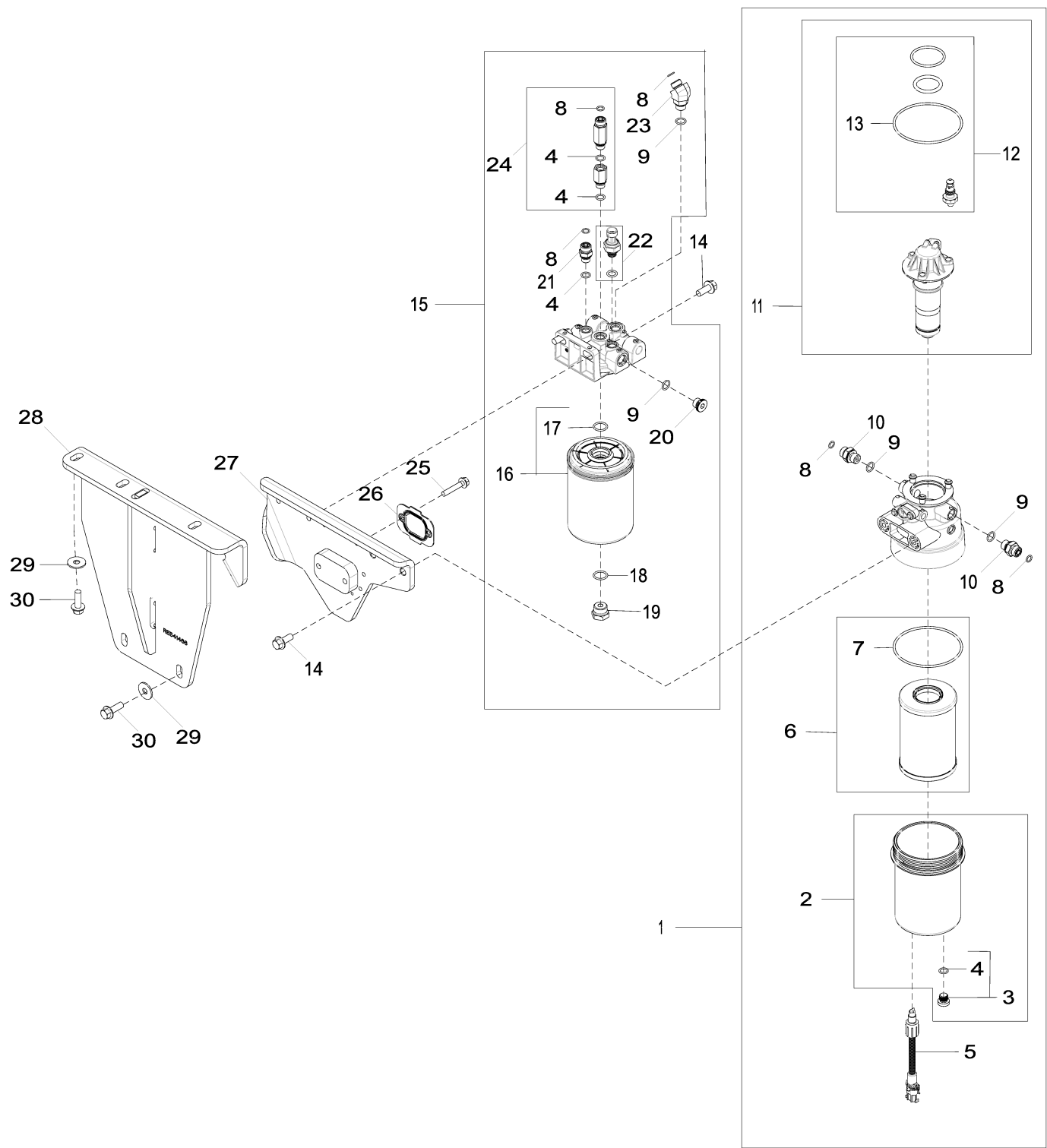
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE67238	Screw	2		
2	R529027	Plate	1		
3	R528039	Gasket	1		
4	19M7835	Screw	4		M10 X 35
5	RE538465	Bracket	1		
6	24M7178	Washer	5		10.500 X 30 X 2.500 mm
7	19M7786	Screw	5		M10 X 30
8	14M7296	Flange Nut	2		M10
9	RE523346	Fuel Line	1		
10	RE527960	Filter	1		
11	RE528864	Bleed Valve	1		
12	51M7095	O-Ring	1		11.300 X 2.200 mm
13	R63548	O-Ring	1		
14	51M7095	O-Ring	1		11.300 X 2.200 mm
15	RE522794	Sensor	1		(B)
16	38H5154	Elbow Fitting	1		
17	R63548	O-Ring	2		
18	38H5002	Adapter Fitting	1		
19	51M7095	O-Ring	1		11.300 X 2.200 mm
20	51M7096	O-Ring	2		13.300 X 2.200 mm
21	T122803	Fitting Plug	1		
22	RE527961	Fuel Filter	1		(A)
23	R47151	O-Ring	1		
24	R47151	O-Ring	1		
25	R27474	Drain Plug	1		
26	RE542083	Fuel Filter	1		
27	51M7096	O-Ring	2		13.300 X 2.200 mm
28	38H5037	Adapter Fitting	2		
29	R63548	O-Ring	2		
30	RE539761	Fuel Pump	1		
31	RE523784	Seal Kit	1		
32	R522921	O-Ring	1		
33	.....	Filter Element	1		(ORDER RE527961)
34	R522921	O-Ring	1		
35	RE527972	Filter	1		
36	RE522144	Drain Plug	1		
37	51M7095	O-Ring	1		11.300 X 2.200 mm
38	RE532949	Sensor	1		

(A) Includes Primary and Final Filter Element

(B) Pressure Sensor

81AH Final Fuel Filter / Primary Fuel Filter

81AH_RE535915_PCD A.2



81AH_RE535915_PCD

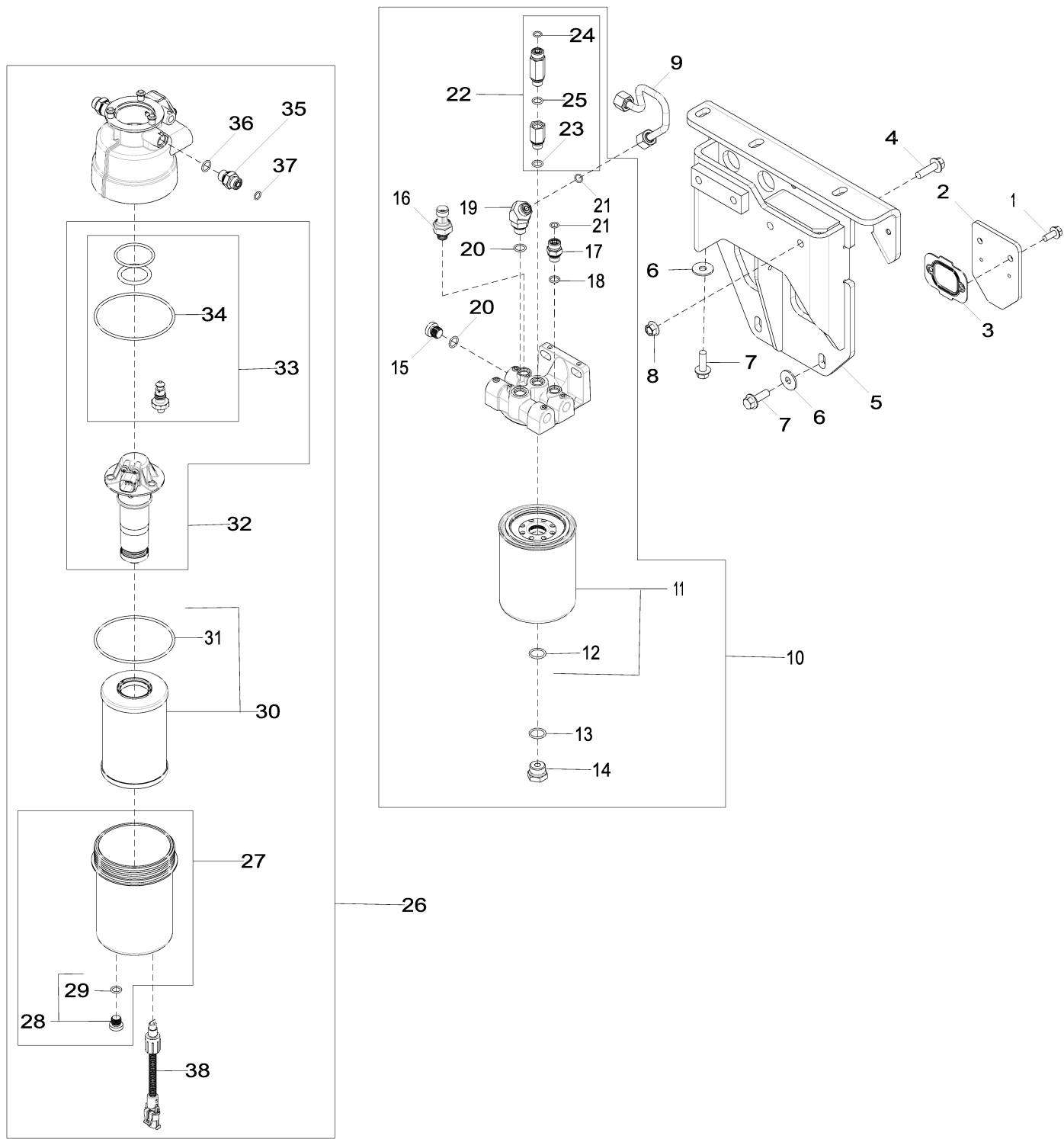
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE542083	Fuel Filter	1		
2	RE527972	Bowl	1		
3	RE522144	Drain Plug	1		
4	51M7095	O-Ring	4		11.300 X 2.200 mm
5	RE532949	Sensor	1		
6	.....	Filter Element	1		(Order RE527961)
7	R522921	O-Ring	1		
8	R63548	O-Ring	5		
9	51M7096	O-Ring	4		13.300 X 2.200 mm
10	38H5037	Adapter Fitting	2		
11	RE539761	Fuel Pump	1		12V
12	RE523784	Seal Kit	1		
13	R522921	O-Ring	1		
14	19M7785	Screw	4		M10 X 25
15	RE527960	Fuel Filter	1		
16	RE527961	Filter Element	1		(A)
17	R47151	O-Ring	1		
18	R47151	O-Ring	1		
19	R27474	Drain Plug	1		
20	T122803	Fitting Plug	1		
21	38H5002	Adapter Fitting	1		
22	RE522794	Sensor	1		(B)
23	38H5154	Elbow Fitting	1		
24	RE528864	Bleed Valve	1		
25	RE67239	Screw	2		
26	R528039	Gasket	1		
27	RE540500	Bracket	1		
28	RE541466	Bracket	1		
29	24M7178	Washer	5		10.500 X 30 X 2.500 mm
30	19M7786	Screw	5		M10 X 30

(A) Includes Primary and Final Filter Element

(B) Pressure Sensor

81AJ Final Fuel Filter / Primary Fuel Filter

81AJ_RE535916_PCD A.1



81AJ_RE535916_PCD

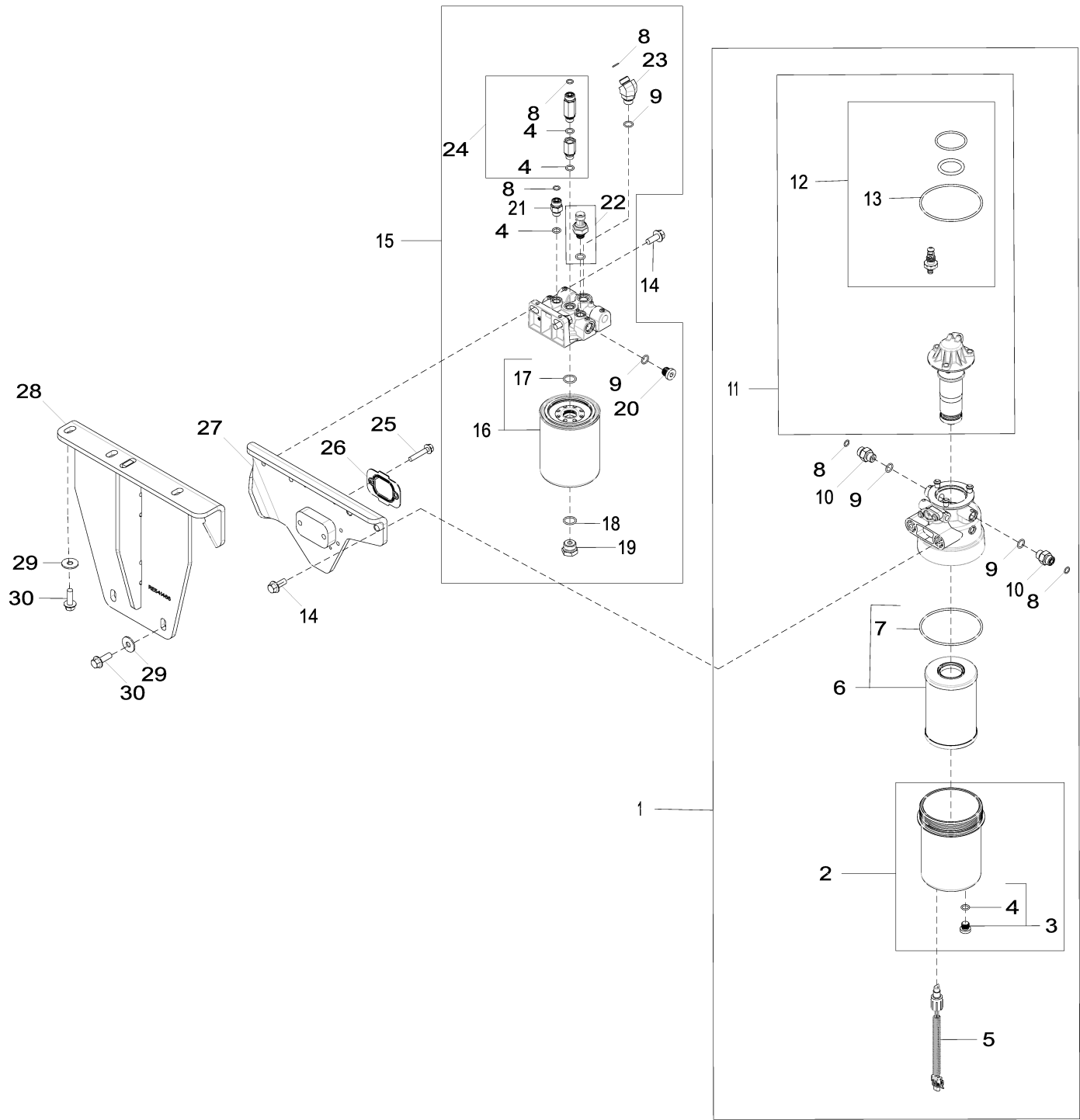
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE67238	Screw	2		
2	R529027	Plate	1		
3	R528039	Gasket	1		
4	19M7835	Screw	4		M10 X 35
5	RE538465	Bracket	1		
6	24M7178	Washer	5		10.500 X 30 X 2.500 mm
7	19M7786	Screw	5		M10 X 30
8	14M7296	Flange Nut	2		M10
9	RE523346	Fuel Line	1		
10	RE527960	Filter	1		
11	RE527961	Fuel Filter	1		(A)
12	R47151	O-Ring	1		
13	R47151	O-Ring	1		
14	R27474	Drain Plug	1		
15	T122803	Fitting Plug	1		
16	RE522794	Sensor	1		(B)
17	38H5002	Adapter Fitting	1		
18	51M7095	O-Ring	1		11.300 X 2.200 mm
19	38H5154	Elbow Fitting	1		
20	51M7096	O-Ring	2		13.300 X 2.200 mm
21	R63548	O-Ring	2		
22	RE528864	Bleed Valve	1		
23	51M7095	O-Ring	1		11.300 X 2.200 mm
24	R63548	O-Ring	1		
25	51M7095	O-Ring	1		11.300 X 2.200 mm
26	RE542084	Fuel Filter	1		
27	RE527972	Filter	1		
28	RE522144	Drain Plug	1		
29	51M7095	O-Ring	1		11.300 X 2.200 mm
30	.....	Filter Element	1		(ORDER RE527961)
31	R522921	O-Ring	1		
32	RE539764	Fuel Pump	1		
33	RE523784	Seal Kit	1		
34	R522921	O-Ring	1		
35	38H5037	Adapter Fitting	2		
36	51M7096	O-Ring	2		13.300 X 2.200 mm
37	R63548	O-Ring	2		
38	RE532949	Sensor	1		

(A) Includes Primary and Final Filter Element

(B) Pressure Sensor

81AK Final Fuel Filter / Primary Fuel Filter

81AK_RE535917_PCD A.1



81AK_RE535917_PCD

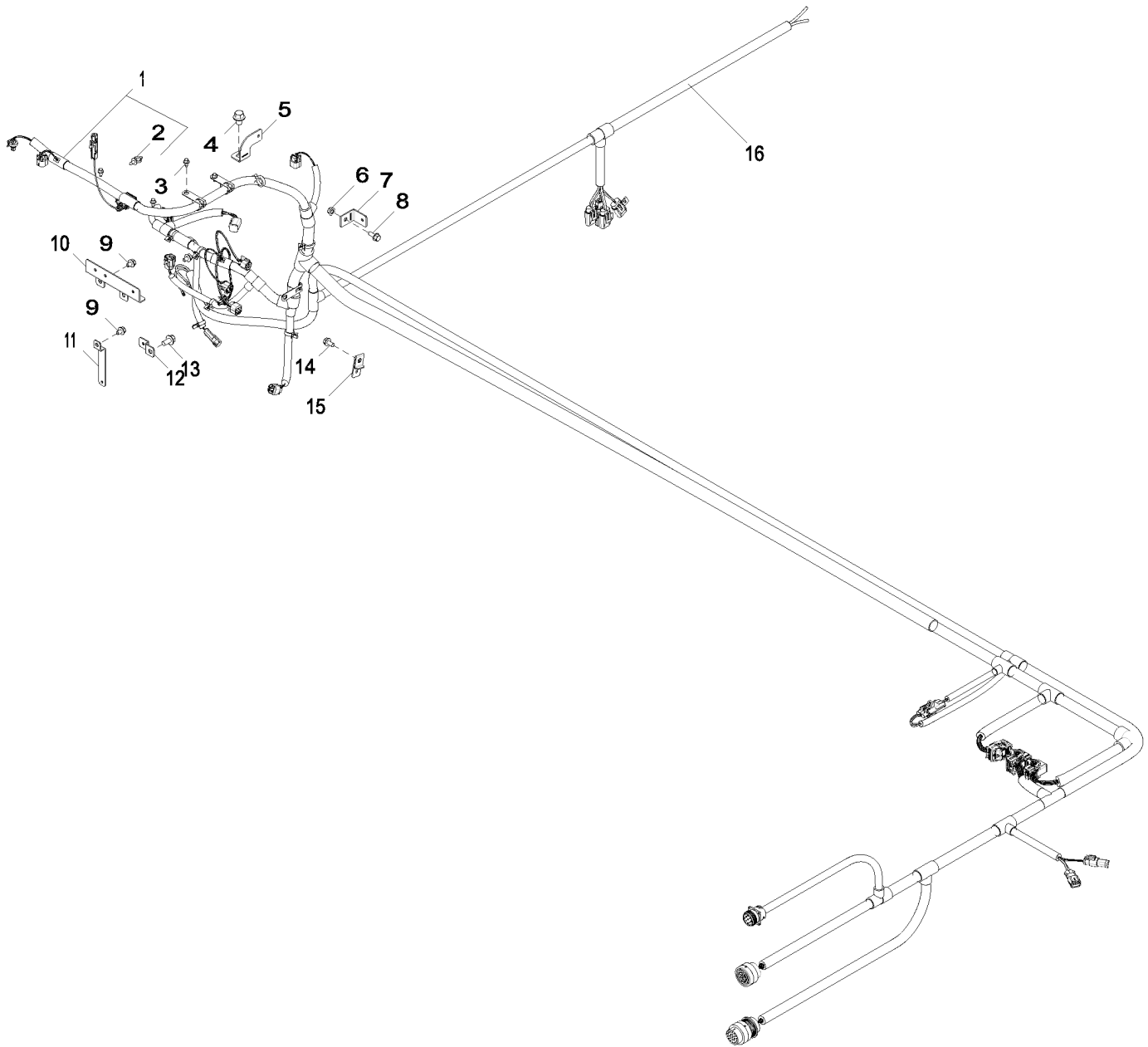
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE542084	Fuel Filter	1		
2	RE527972	Bowl	1		
3	RE522144	Drain Plug	1		
4	51M7095	O-Ring	4		11.300 X 2.200 mm
5	RE532949	Pressure Sensor	1		
6	.....	Filter Element	1		(Order RE527961)
7	R522921	O-Ring	1		
8	R63548	O-Ring	5		
9	51M7096	O-Ring	4		13.300 X 2.200 mm
10	38H5037	Adapter Fitting	2		
11	RE539764	Fuel Pump	1		24V
12	RE523784	Seal Kit	1		
13	R522921	O-Ring	1		
14	19M7785	Screw	4		M10 X 25
15	RE527960	Fuel Filter	1		
16	RE527961	Filter Element	1		(A)
17	R47151	O-Ring	1		
18	R47151	O-Ring	1		
19	R27474	Drain Plug	1		
20	T122803	Fitting Plug	1		
21	38H5002	Adapter Fitting	1		
22	RE522794	Sensor	1		(B)
23	38H5154	Elbow Fitting	1		
24	RE528864	Bleed Valve	1		
25	RE67239	Screw	2		
26	R528039	Gasket	1		
27	RE540500	Bracket	1		
28	RE541466	Bracket	1		
29	24M7178	Washer	5		10.500 X 30 X 2.500 mm
30	19M7786	Screw	5		M10 X 30

(A) Includes Primary and Final Filter Element

(B) Pressure Sensor

8482 Engine Wiring Harness

8482_RE535918_PCD A.1

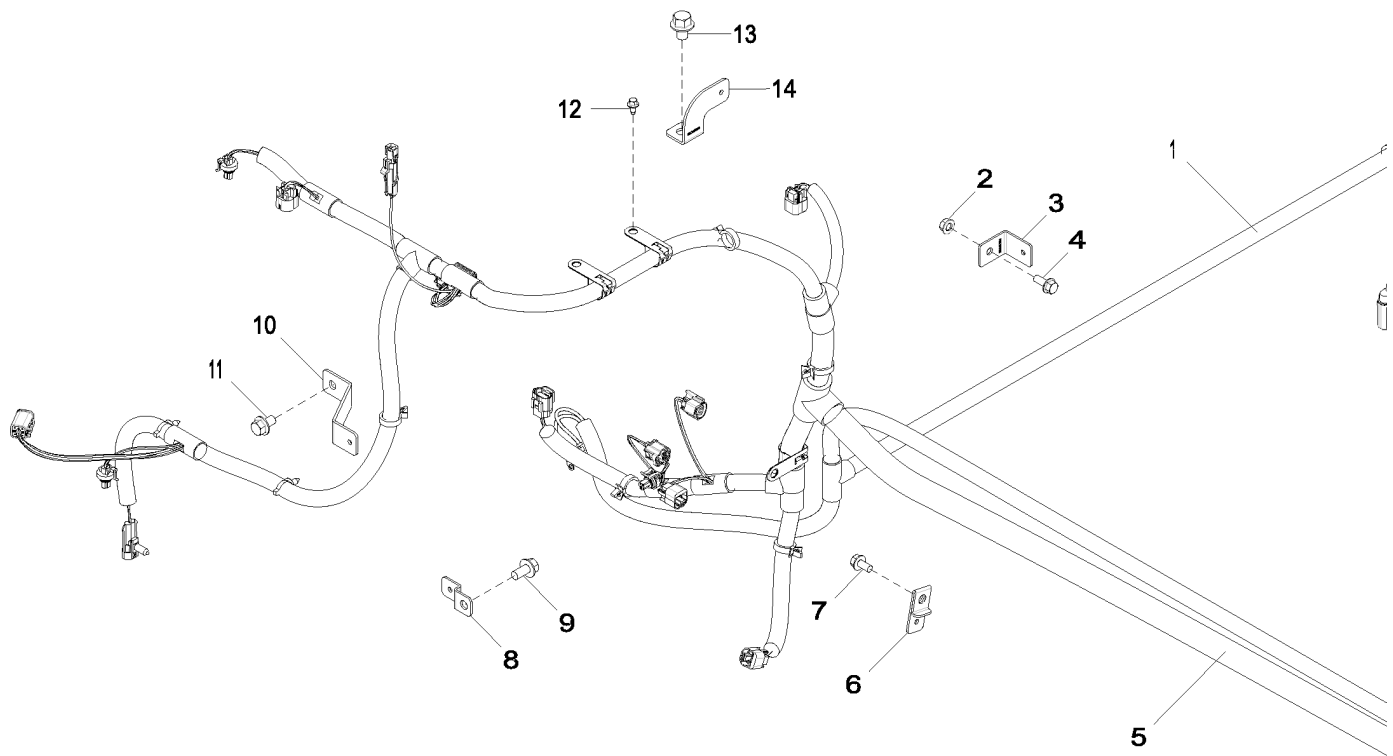


8482_RE535918_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE535893	Wiring Harness	1		
2	RE258807	Tie Band	1		
3	37M7089	Screw	4		M6 X 12
4	19M8242	Screw	1		M12 X 16
5	R529539	Bracket	1		
6	14M7298	Flange Nut	1		M8
7	R529538	Bracket	1		
8	19M7866	Screw	1		M8 X 20
9	RE524730	Cap Screw	3		
10	R529541	Bracket	1		
11	R529583	Bracket	1		
12	R529540	Bracket	1		
13	19M7784	Screw	1		M10 X 20
14	19M7865	Screw	1		M8 X 16
15	R522924	Bracket	1		
16	RE536602	Wiring Harness	1		

8483 Engine Wiring Harness

8483_RE535919_PCD A.1

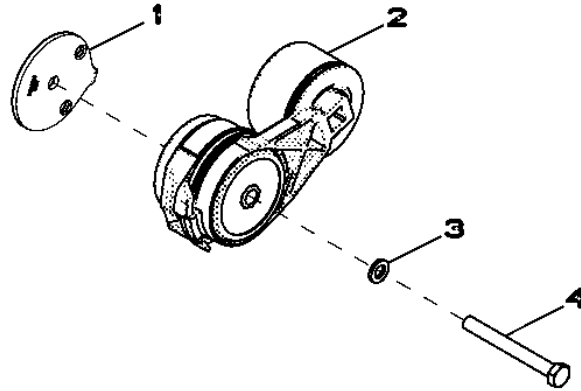


8483_RE535919_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE536602	Wiring Harness	1		
2	14M7298	Flange Nut	1		M8
3	R529538	Bracket	1		
4	19M7866	Screw	1		M8 X 20
5	RE535894	Wiring Harness	1		
6	R522924	Bracket	1		
7	19M7865	Screw	1		M8 X 16
8	R529540	Bracket	1		
9	19M7784	Screw	1		M10 X 20
10	R529542	Bracket	1		
11	19M7783	Screw	1		M10 X 16
12	37M7089	Screw	4		M6 X 12
13	19M8242	Screw	1		M12 X 16
14	R529539	Bracket	1		

8701 Belt Tensioner

RE59701PCDD02 A.1

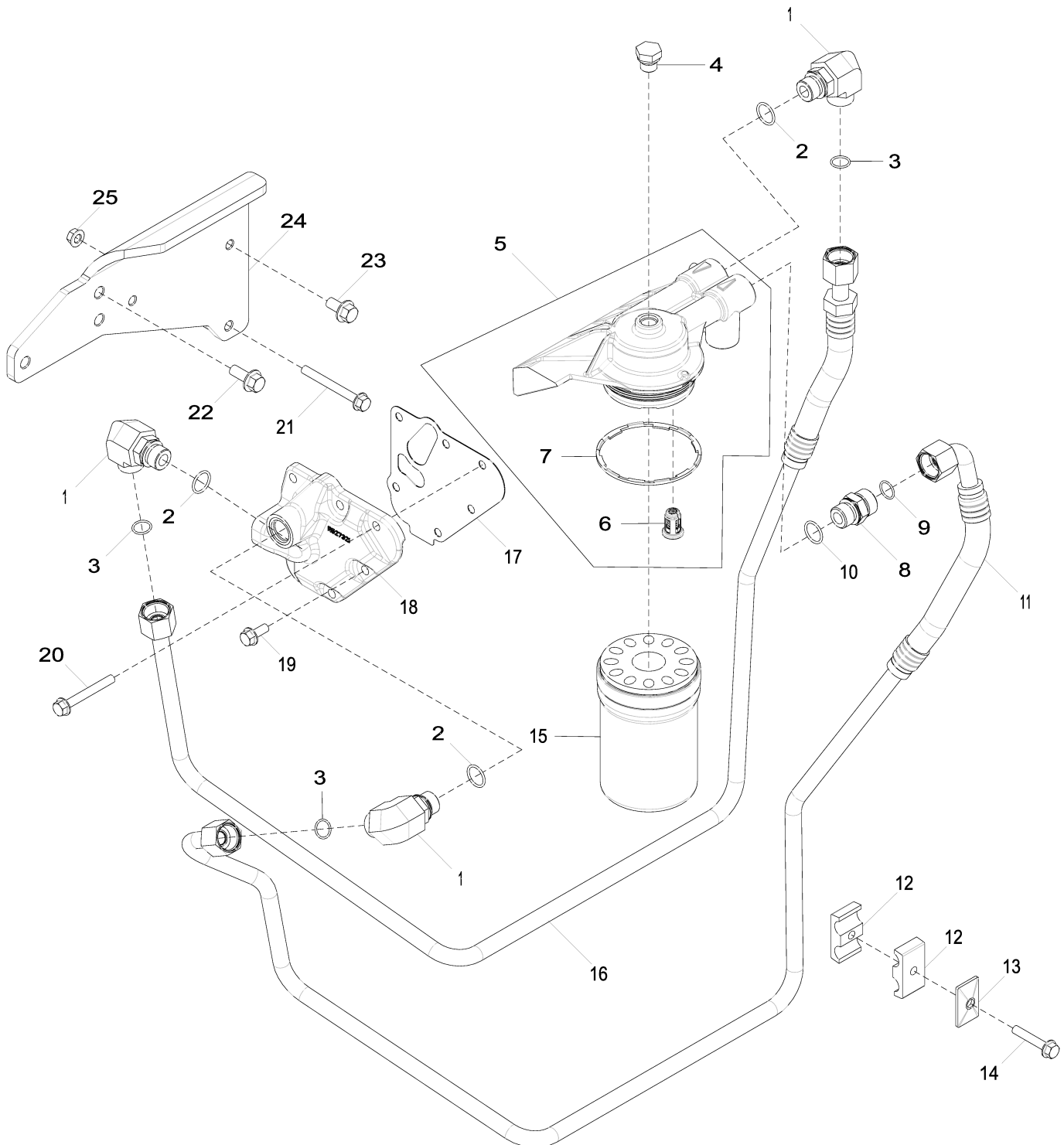


RE59701PCDD02

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R518210	Spacer	1		
2	RE518097	Belt Tensioner	1		
3	24M7106	Washer	1		10 X 18 X 2.500 mm
4	19M8183	Cap Screw	1		M10 X 90

880M Engine Oil Filter

880M_RE548155_PCD A.1

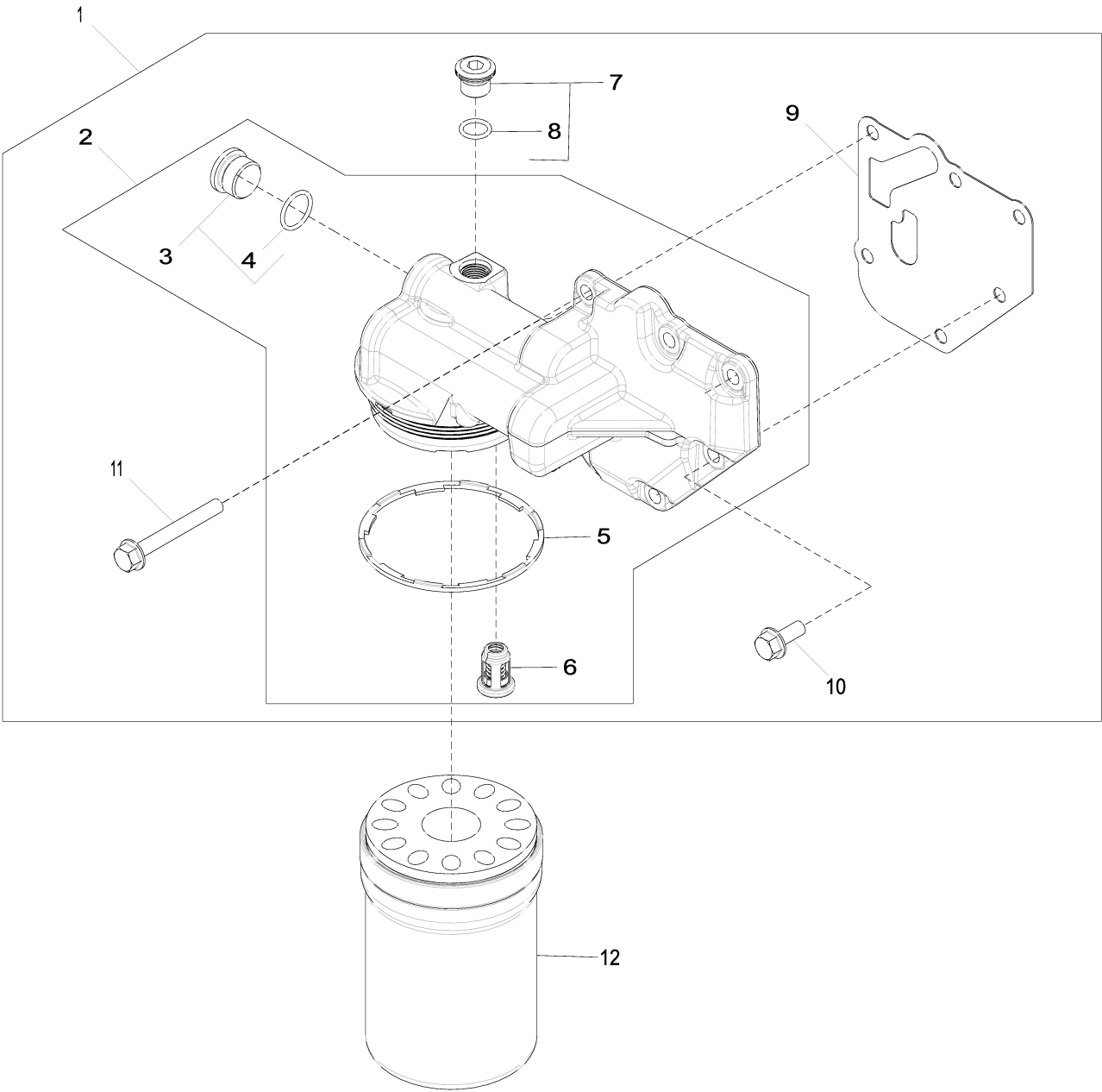


880M_RE548155_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	38H5018	Elbow Fitting	1		
2	51M7045	O-Ring	1		19.300 X 2.200 mm
3	T77932	O-Ring	1		
4	RE46716	Fitting	1		
5	RE505216	Filter Head	1		
6	RE504543	Valve	1		
7	R502513	Seal	1		
8	38H5004	Adapter Fitting	1		
9	T77932	O-Ring	1		
10	51M7045	O-Ring	1		19.300 X 2.200 mm
11	RE550489	Oil Line	1		SUB FOR RE535750
12	H120847	Clamp	2		
13	H121168	Plate	1		
14	19M7799	Screw	1		M8 X 45
15	RE504836	Oil Filter	1		
16	RE550490	Oil Line	1		SUB FOR RE535751
17	R527356	Gasket	1		
18	R527321	Adapter	1		
19	RE67238	Screw	1		
20	19M7802	Screw	5		M8 X 65
21	19M8874	Screw	1		M8 X 75
22	19M7785	Screw	3		M10 X 25
23	19M7784	Screw	2		M10 X 20
24	R528095	Bracket	1		
25	14M7298	Flange Nut	1		M8

8843 Engine Oil Filter (DNU)

8843_RE508950_PCD A.1



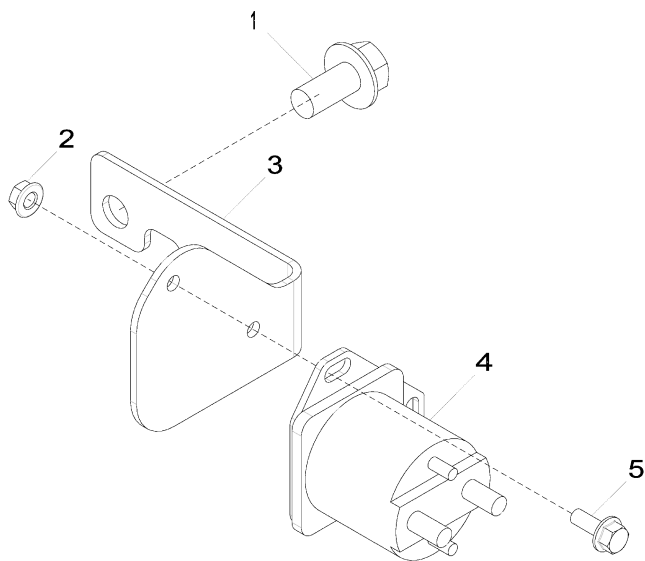
8843_RE508950_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE508987	Filter Head	1		
2	RE504564	Filter Head	1		
3	RE505232	Fitting	2		
4	51M7045	O-Ring	1		19.300 X 2.200 mm
5	R502513	Seal	1		
6	RE504543	Valve	1		
7	RE52242	Drain Plug	1		
8	51M7042	O-Ring	1		13.300 X 2.200 mm
9	R500374	Gasket	1		
10	RE67238	Screw	1		(A)
11	19M7802	Screw	5		M8 X 65
12	RE504836	Oil Filter	1		SUB FOR RE541420

(A) Threads With Pre-Applied Sealant

917W Starter Relay

917W_RE541570_PCD B.6

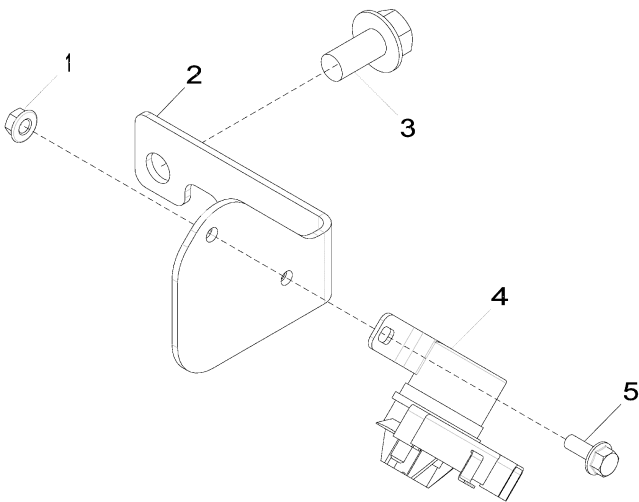


917W_RE541570_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	19M7788	Screw	2		M12 X 25
2	14M7303	Flange Nut	2		M6
3	R532134	Bracket	1		
4	AL153172	Relay	1		12V
5	19M7775	Screw	2		M6 X 16

917Y Starter Relay

917Y_RE541753_PCD A.1

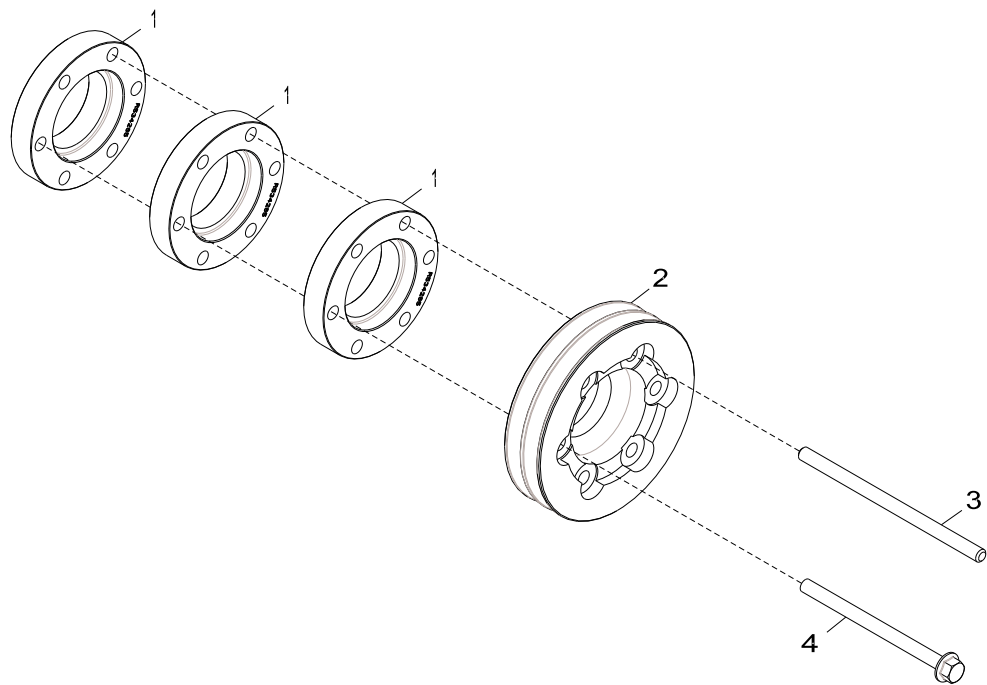


917Y_RE541753_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	14M7303	Flange Nut	2	M6	
2	R532134	Bracket	1		
3	19M7788	Screw	2	M12 X 25	
4	AT145341	Relay	1	24V	
5	19M7775	Screw	2	M6 X 16	

Pulley

97ST_RE554017_PCD A.2

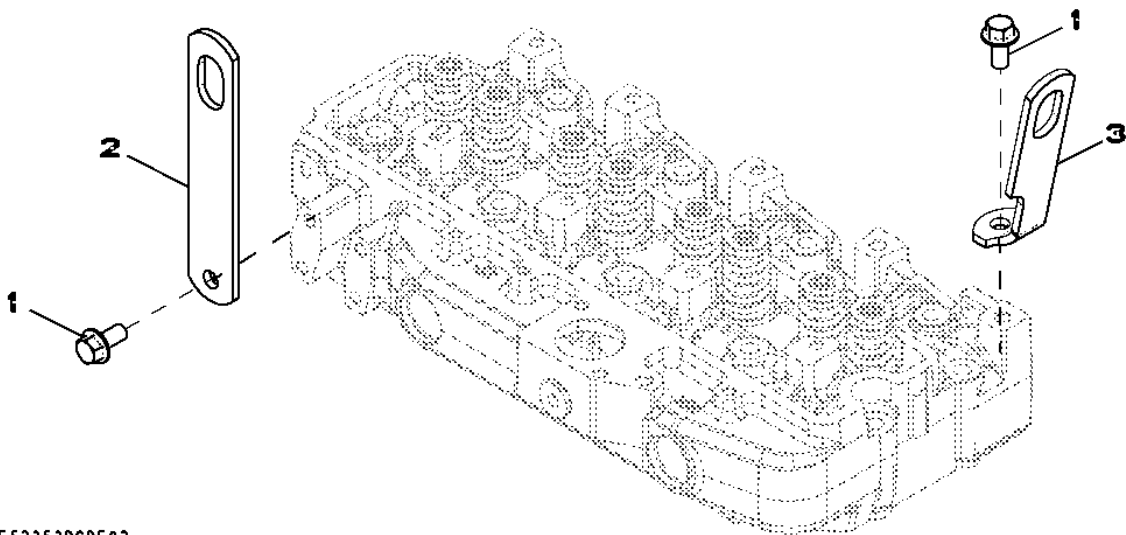


97ST_RE554017_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	R534265	Adapter	3		
2	R520753	Pulley	1		
3	R528382	Rod	2		
4	19M8896	Screw	6		M10 X 140

9801 Lift Straps

RE53353PCDF03 A.1

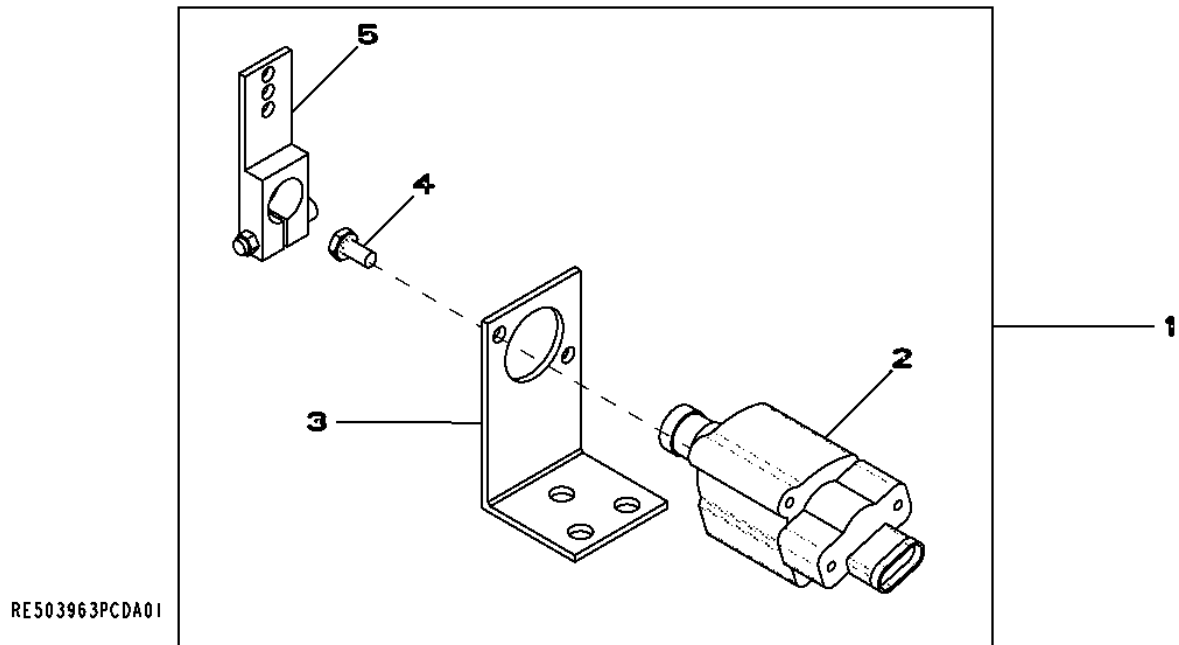


RE53353PCDF03

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	19M7788	Screw	2		M12 X 25
2	R502329	Strap	1		(Rear)
3	R502175	Support	1		

9901 Electronic Throttle Control Kit

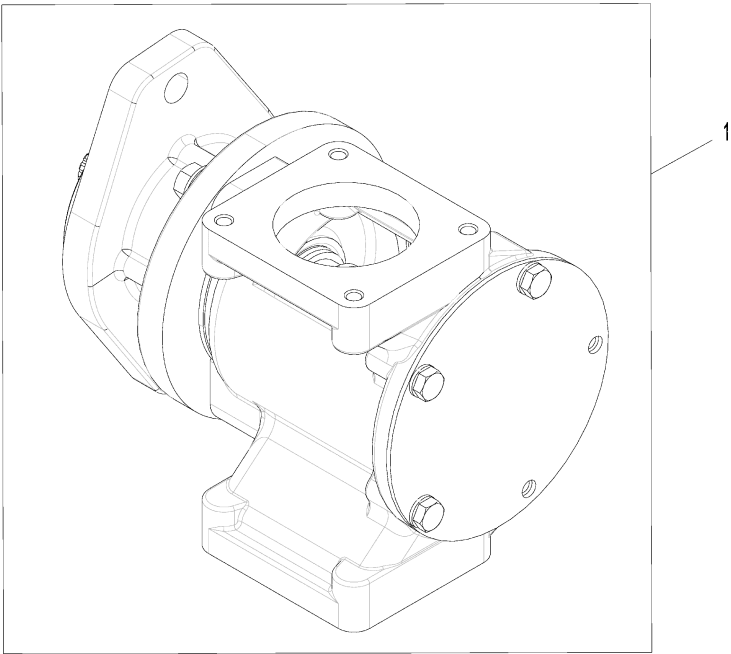
RE503963PCDA01 A.1



Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE503963	Throttle Kit	1		
2	RE503958	Accelerator	1		
3	R502202	Bracket	1		
4	19H3003	Cap Screw	2		1/4" X 1/2"
5	RE503959	Lever	1		

9901 Water Pump Kit

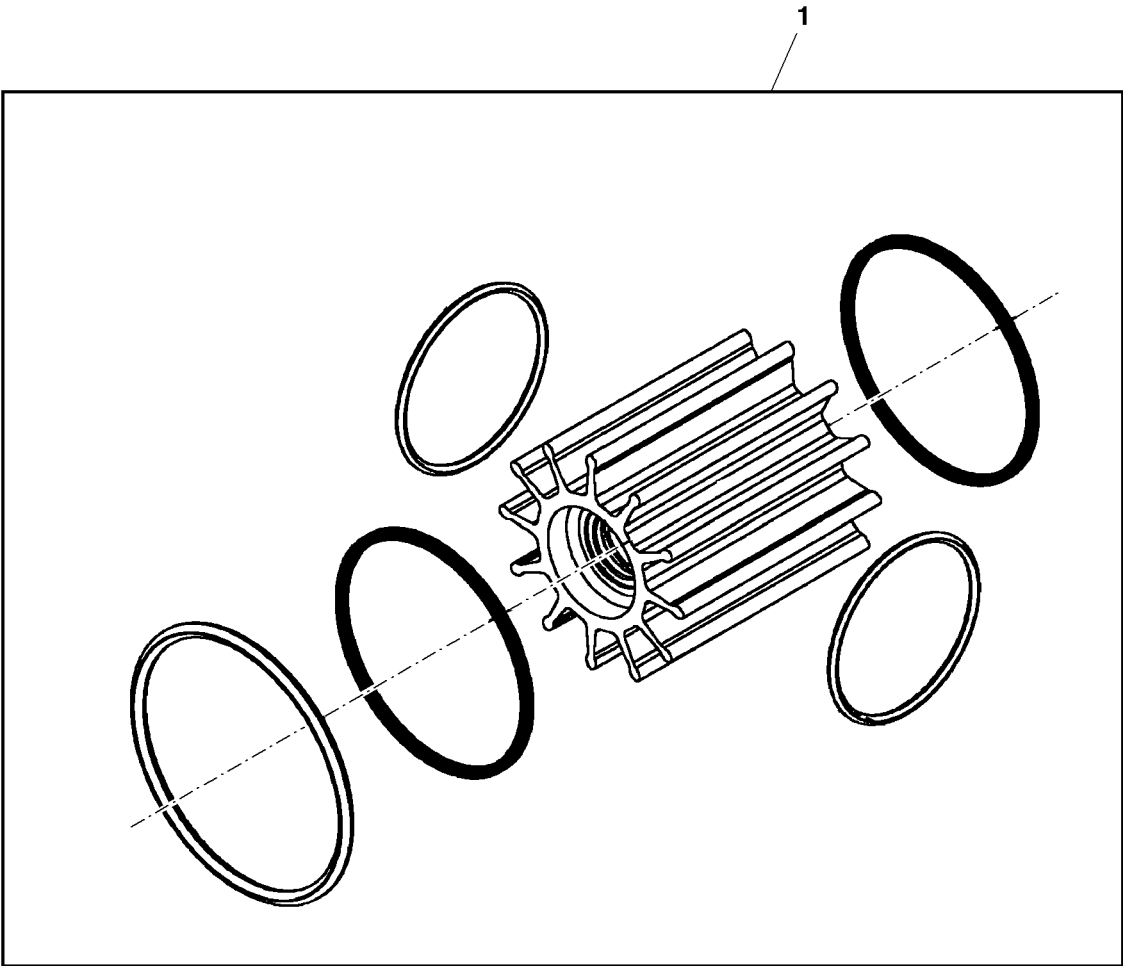
9901_RE530689_PCD A.1



9901_RE530689_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE530689	Water Pump	1		

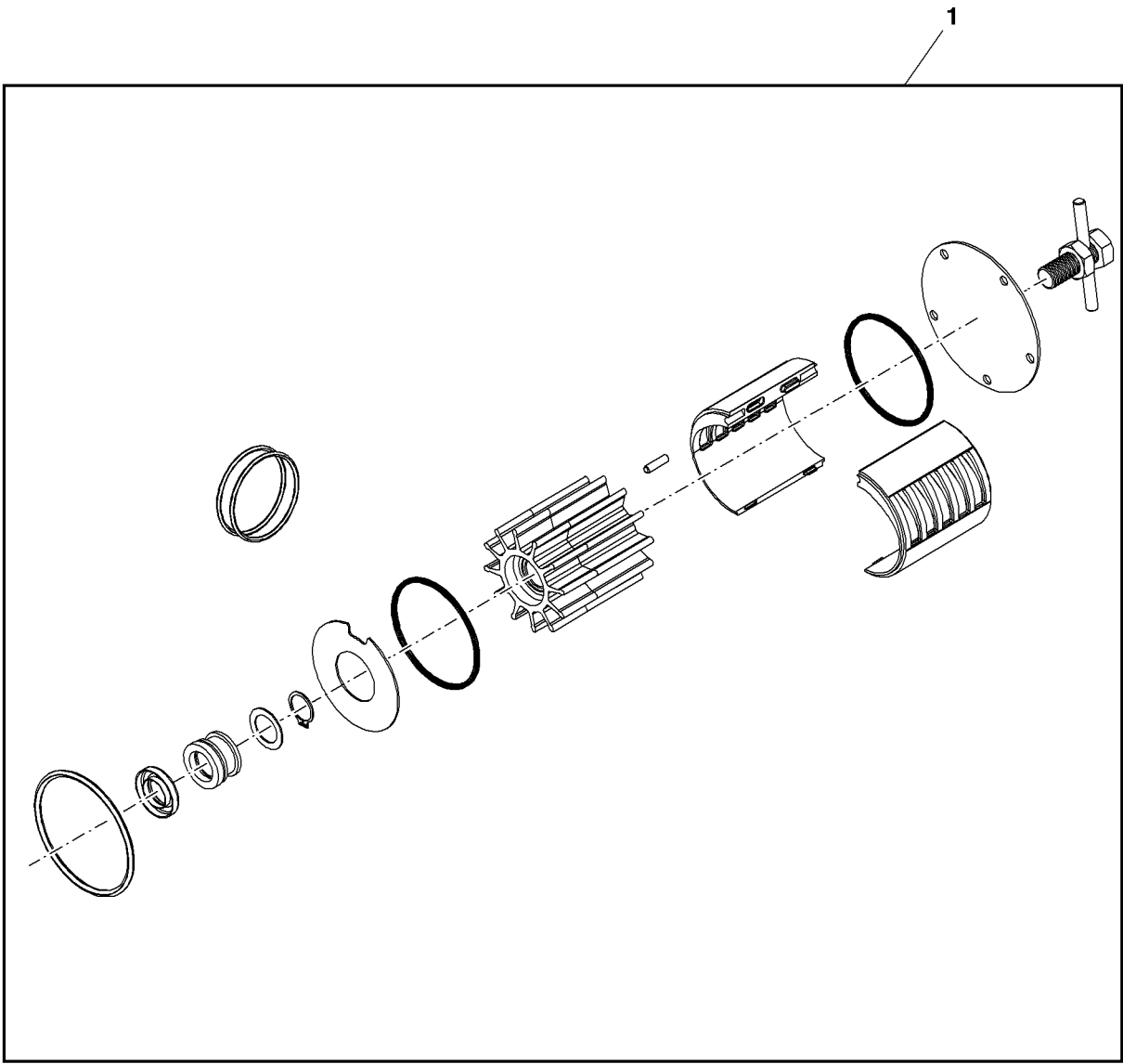
9901 Sea Water Pump Impeller Kit
RGP16034 A.1



RGP16034

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE524511	Impeller Kit	1		

9901 Sea Water Pump, Minor Rebuild Kit
RGP16033 A.1

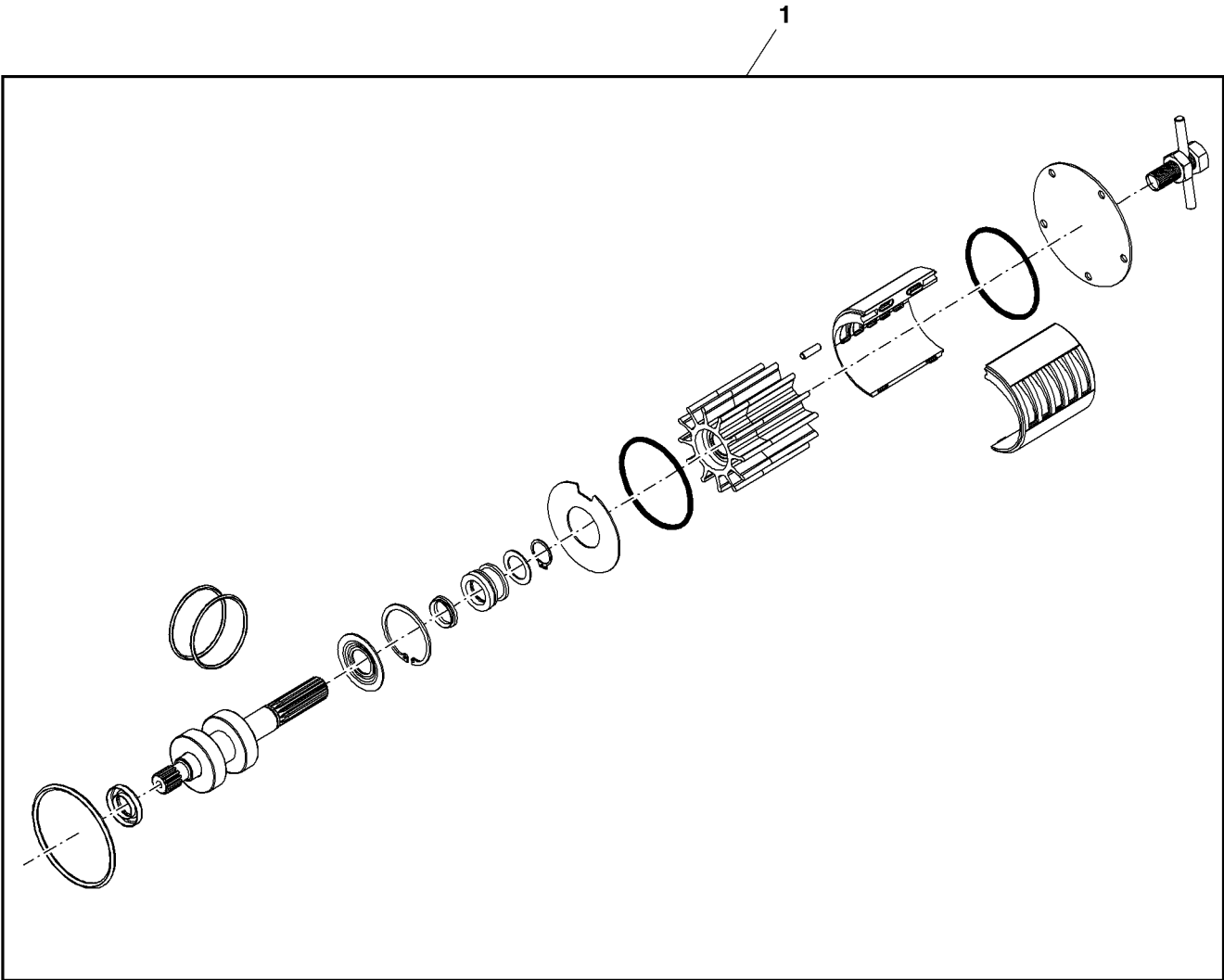


RGP16033

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE530690	Engine Overhaul Kit	1	(A)	

(A) Minor Rebuild

9901 Sea Water Pump, Major Rebuild Kit
RGP16032 A.1

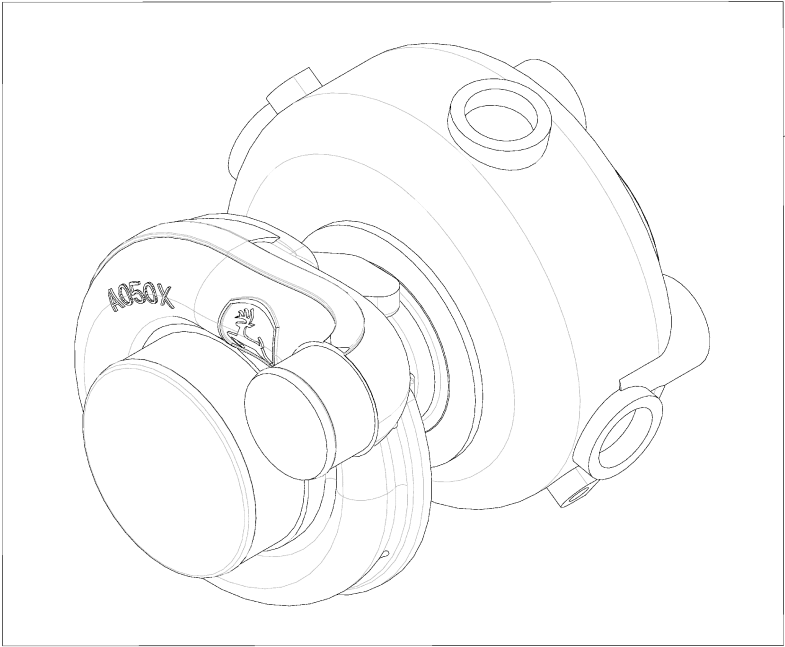


RGP16032

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE530691	Engine Overhaul Kit	1	(A)	
(A) Major Rebuild					

9901 Turbocharger

9901_RE539065_PCD A.1



9901_RE539065_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE539065	Turbocharger Reman	1		

9901 Wiring Harness Kit

9901_RE534576_PCD A.1

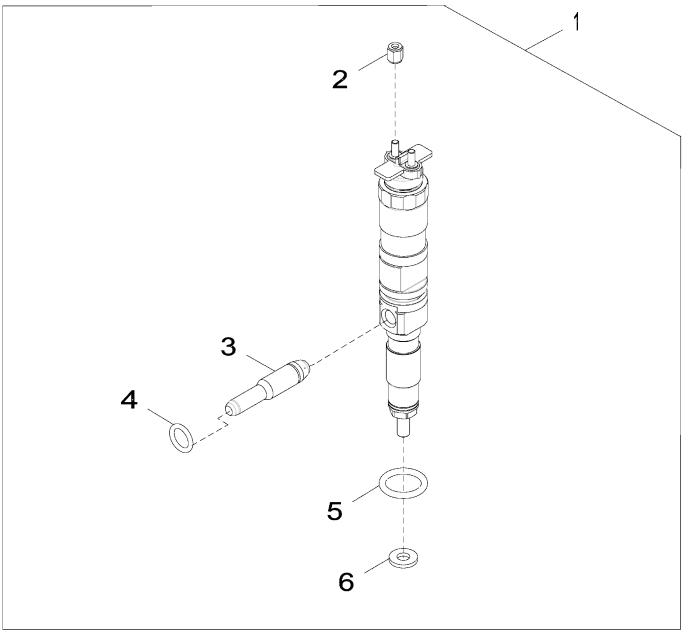


9901_RE534576_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE534576	Harness Kit	1		

9901 Field Installed Misc Kit

9901_RE546779_PCD A.2

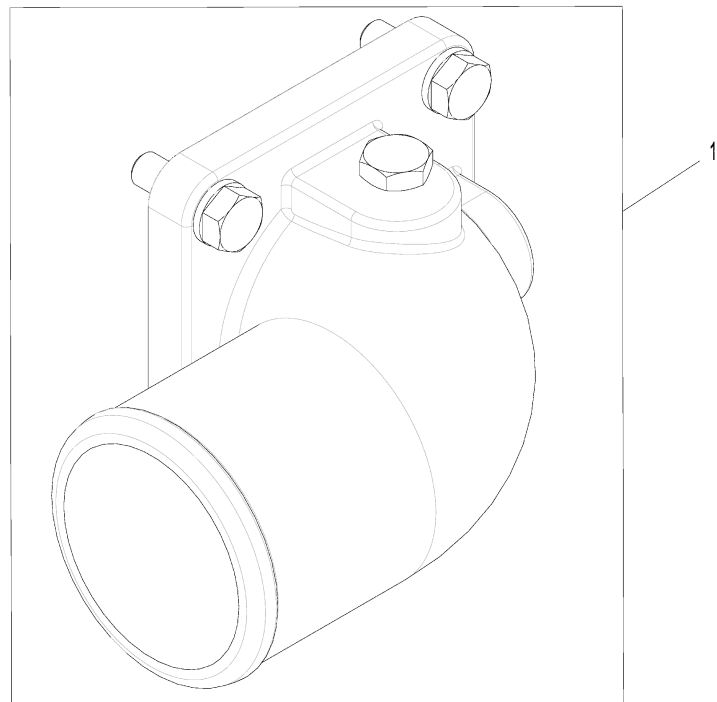


9901_RE546779_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE546779	Nozzle Kit	1		NLA; ORDER RE563597
	RE563597	Nozzle Kit	1		
2	R134920	Nut	2		
3	RE522594	Tube	1		ALSO ORDER R65397
4	R65397	O-Ring	1		
5	R505452	O-Ring	1		
6	R515535	Washer	1		

9901 Field Installed Misc Kit

9901_RE524612_PCD A.1

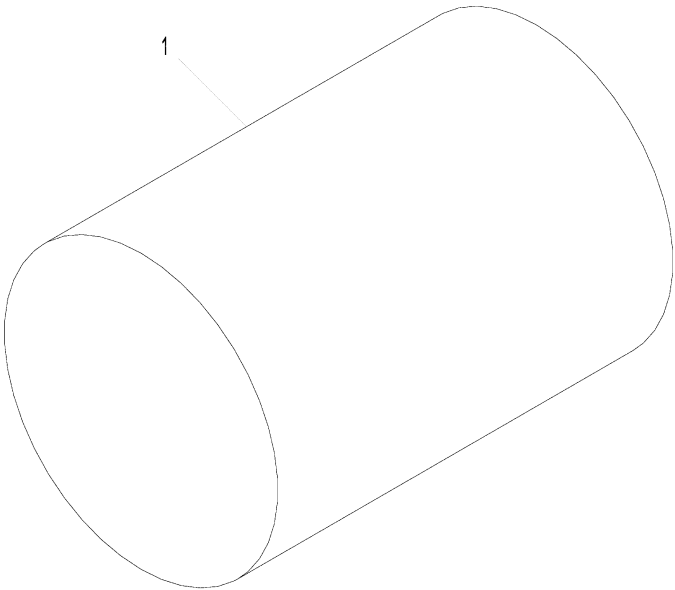


9901_RE524612_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE524612	Repair Kit	1		

9901 Field Installed Misc Kit

9901_RE527920_PCD B.1

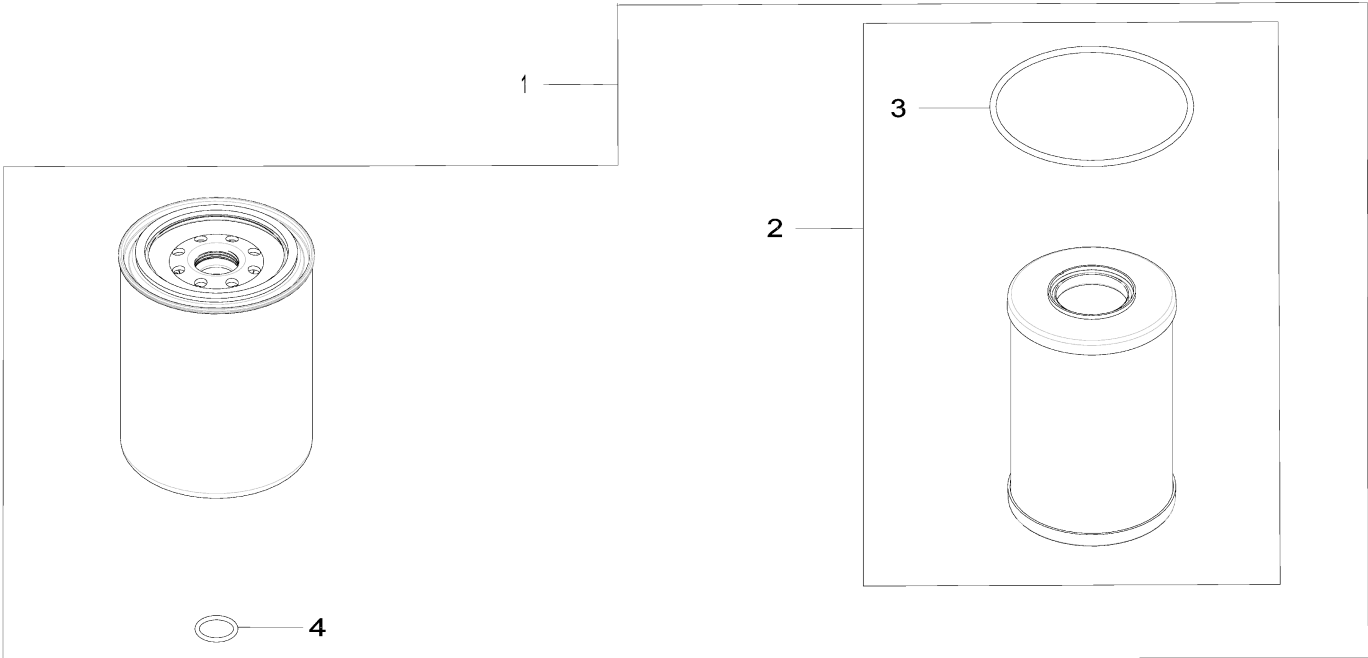


9901_RE527920_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE527920	Air Cleaner	1		

9901 Field Installed Misc Kit

9901_RE527961_PCD A.1

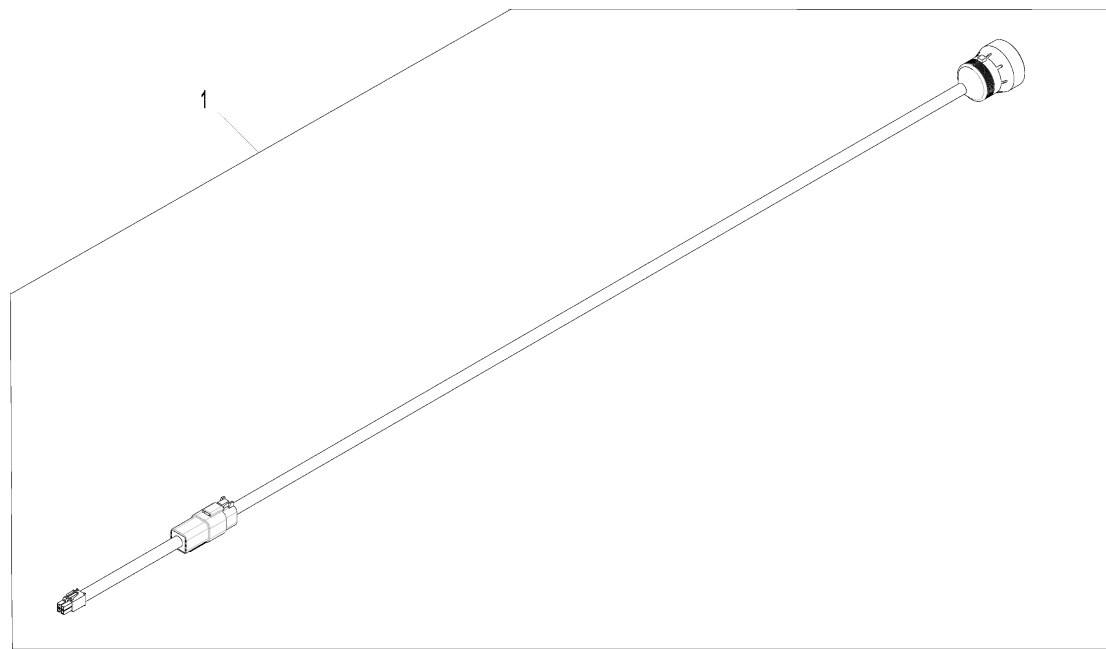


9901_RE527961_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE527961	Fuel Filter	1		
2	RE525523	Filter Element	1		
3	R522921	O-Ring	1		
4	R47151	O-Ring	1		

9901 Field Installed Misc Kit

9901_RE546733_PCD B.1

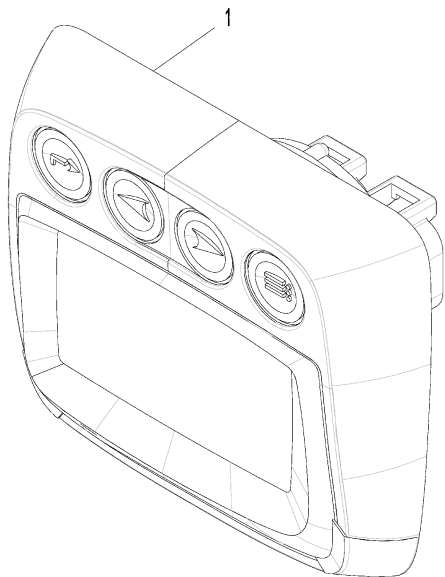


9901_RE546733_PCD

Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE546733	Wiring Harness	1		

9901 Field Installed Misc Kit

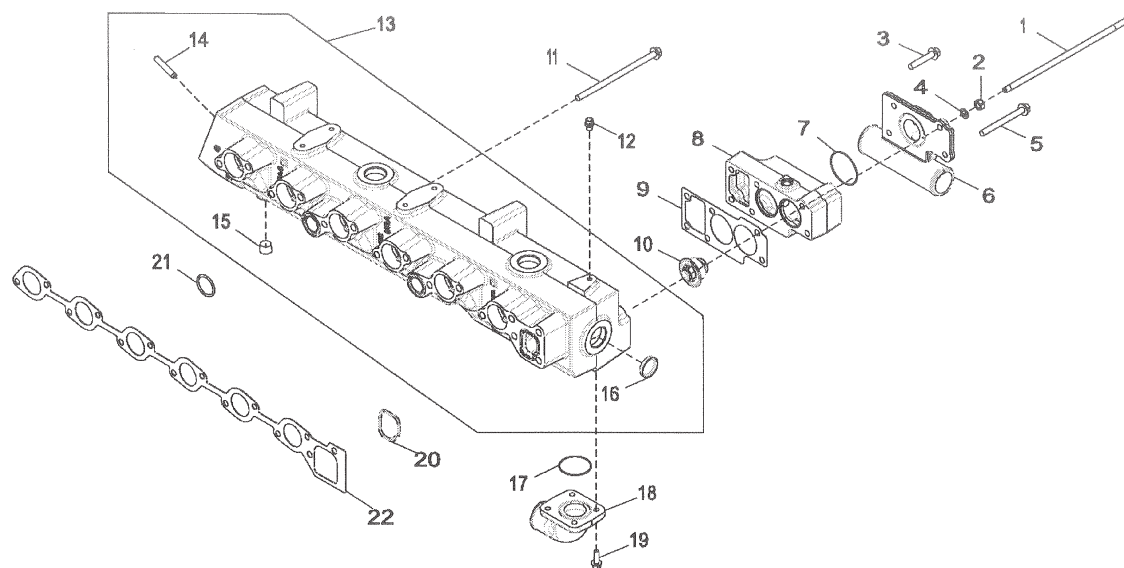
9901_RE555553_PCD A.1



9901_RE555553_PCD

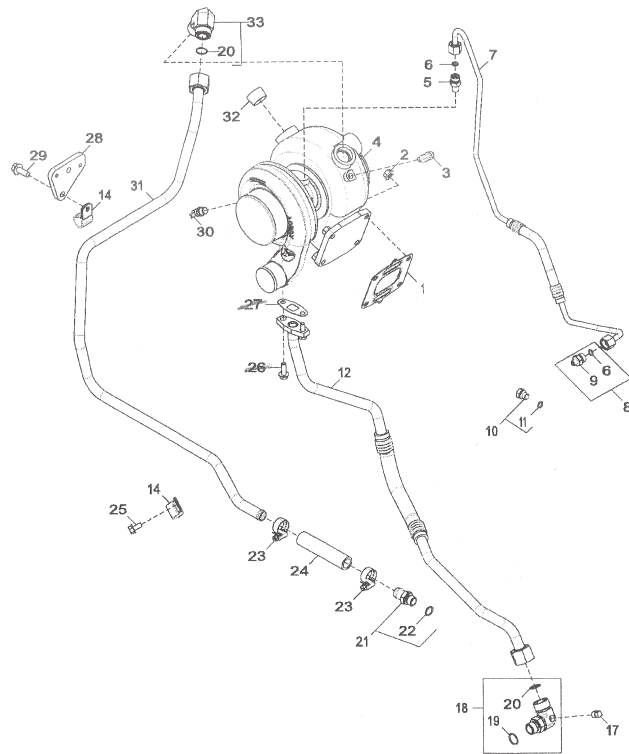
Key	Part No.	Part Name	Qty.	Engine Serial No.	Remarks
1	RE555553	Gauge	1		

1000 28 CK Exhaust Manifold



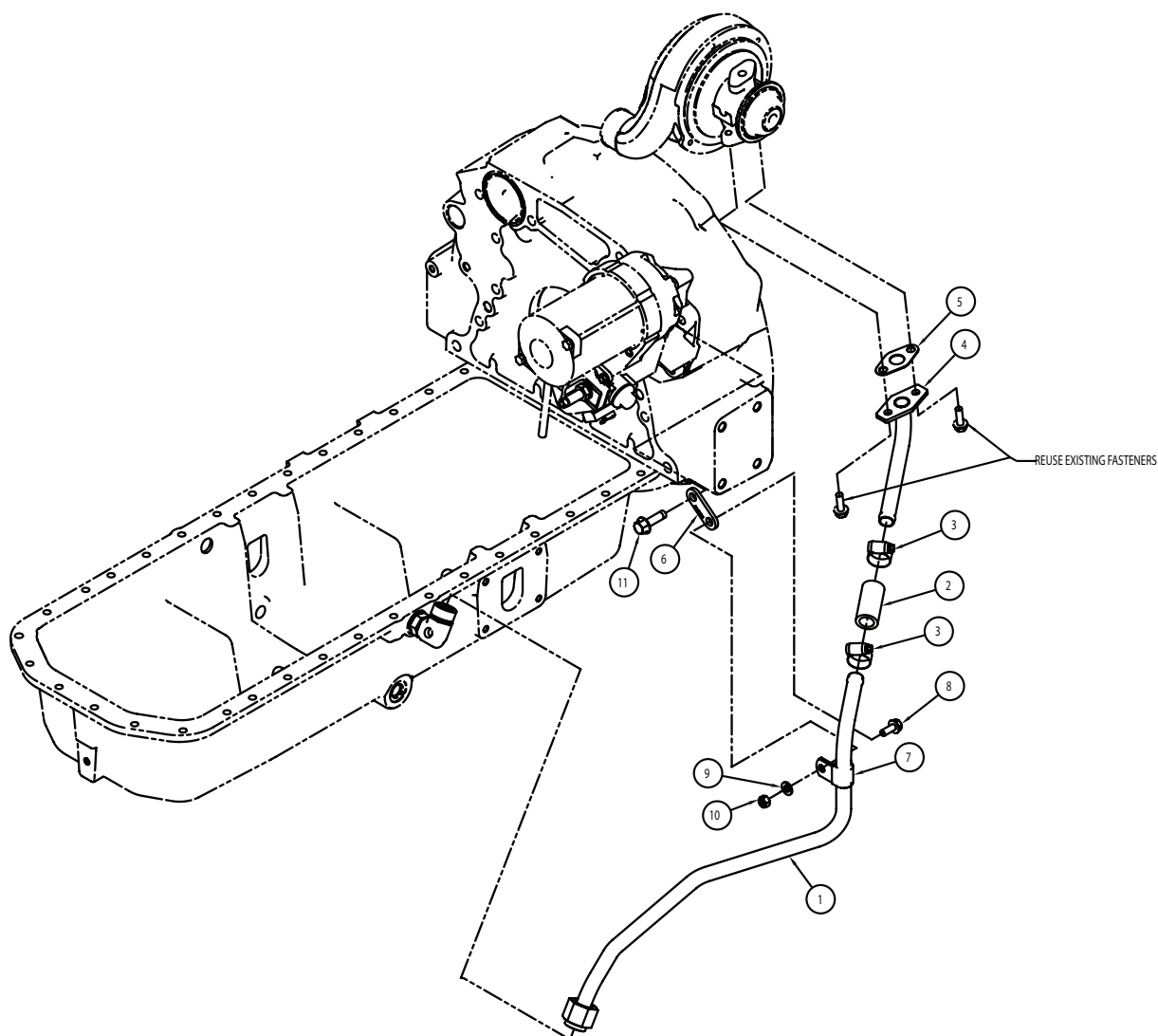
KEY	PART NUMBER	QTY	DESCRIPTION	SERIAL NUMBER
1	42M7119	1	Rod	-
2	14M7274	1	Nut M10	-
3	19M8528	2	Screw M10 x 55	-
4	24M7096	1	Washer 10.500 x 18 x 1.600 mm	-
5	19M7812	3	Screw M10 x 100	-
6	R527284	1	Cover	-
7	R523027	1	O-ring	-
8	10-19602	1		-
9	R522334	1	Gasket	-
10	RE557215	2	Thermostat	-
11	19M8526	14	Screw M10 x 190	-
12	R63604	1	Fitting	-

1000 65F5 Turbocharger



KEY	PART NUMBER	QTY	DESCRIPTION	SERIAL NUMBER
1	RE549173	1	Gasket	-
2	14M7296	4	Flange nut M10	-
3	R67364	1	Elbow fitting	-
4	SE502269	1	Turbocharger reman (marked RE546043)	-
5	M87733	1	Adapter fitting	-
6	R63548	2	O-ring	-
7	RE546046	1	Oil line	-
8	RE521531	1	Adapter fitting	-
9	R519312	1	Adapter fitting	-
10	RE46686	1	Fitting	-
11	51M7040	1	O-Ring 9.300 x 2.200 mm	-
12		1	Turbo Oil Return (See NLI Assembly in Addendum)	-
17	15H604	1	Pipe Plug 1/4"	-
18	RE540178	1	Elbow fitting	-
19	51M7045	1	O-ring 19.300 x 2.200 mm	-
20	T77858	2	O-ring	-
21	R521324	1	Fitting	-
22	51M7043	1	O-ring 15.300 x 2.200 mm	-
23	RE65978	2	Clamp	-
24	R524438	1	Hose	-
25	19M7865	1	Screw M8 x 16	-
26	19M8063	2	Screw M8 x 25	-
27	R123570	1	Gasket	-
28	R526734	1	Bracket	-
29	19M7785	2	Screw M10 x 25	-
30	RE56403	1	Drain Valve	-
31	RE548798	1	Line	-
32	15H562	2	Pipe Plug 1"	-
33	RE523561	1	Elbow fitting	-

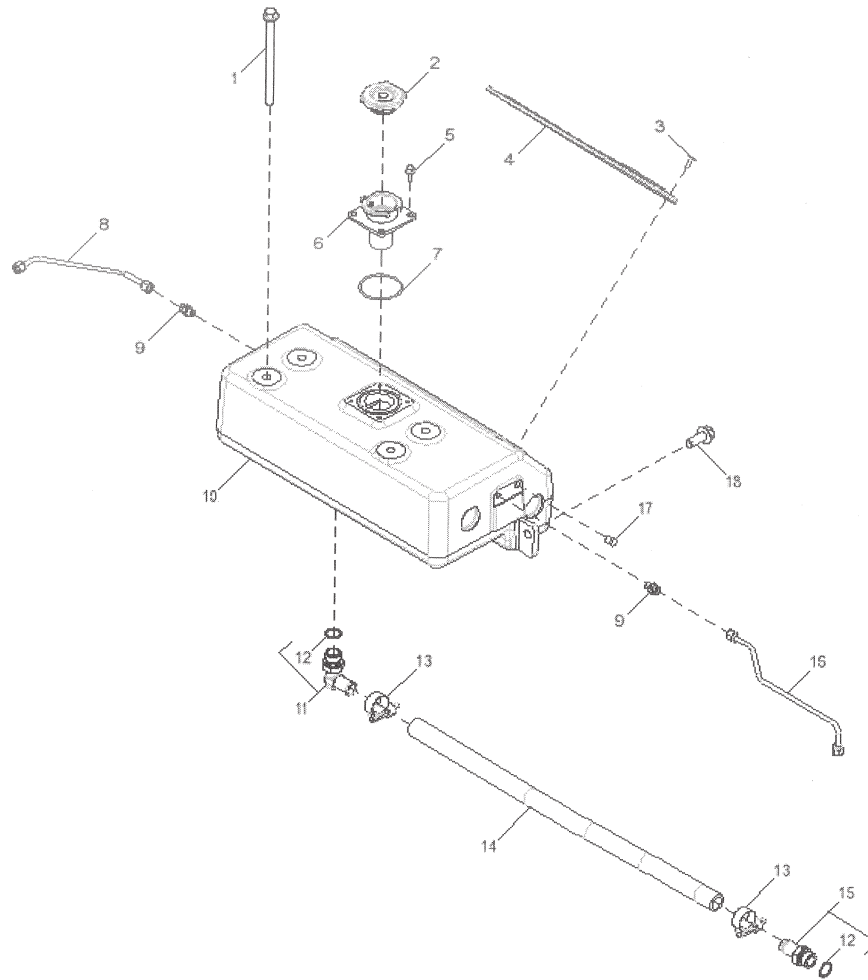
1000 Turbo Oil Return Relocation



D-4512

KEY	PART NUMBER	QTY	DESCRIPTION	SERIAL NUMBER
1	27-39617	1	Tube assembly, turbo oil return - lower	-
2	18-00753	1	Hose 3/4" ID x 2-1/4" 3 ply silicone	-
3	19-01012	2	Hose clamp #12 extended band S/S	-
4	27-39618	1	Tube, turbo oil return - upper	-
5	11-31031	1	Gasket, turbo oil return	-
6	23-39609	1	Bracket, oil return tube support	-
7	19-41900	1	Adelle clamp 3/4"ID x 3/8" stud	-
8	19M7866	1	Capscrew, hex head, flanged M8 x 1.25 x 20 mm	-
9	15-00221	1	Flat washer 5/16"	-
10	14-04802	1	Hex nut, nylock, M8 x 1.25	-
11	19M7835	1	Capscrew, hex head, flanged M10 x 1.5 x 35 mm	-

1000 Expansion Tank



KEY	PART NUMBER	QTY	DESCRIPTION	SERIAL NUMBER
1	19M7958	4	Screw M10 x 150	-
2	AT183451	1	Filler cap	-
3	19M8826	4	Screw M6 x 16	-
4	R526123	1	Identification plate	-
5	19M7775	4	Screw M6 x 16	-
7	H63262	1	O-ring	-
8	RE535753	1	Tube	-
9	R63604	2	Fitting	-
10	10-19603	1	Expansion tank	-
11	RE502699	1	Elbow fitting (includes 51M7045)	-
12	51M7045	2	O-ring 19.300 x 2.200 mm	-
13	TY22466	2	Clamp	-
14	R527313	1	Hose	-
15	RE523483	1	Fitting (includes 51M7045)	-
16	RE535749	1	Tube	-
17	15H712	2	Pipe plug 1/8"	-
18	19M7789	2	Screw M12 x 30	-

1000 Engine Electrical 12 V Standard Ground

KEY	PART NUMBER	QTY	DESCRIPTION	SERIAL NUMBER
1	22-42047	3	Relay, SPDT 12 VDC 50A	-
2	12-00001	4	MSCR, PH phillips #10-32 x 3/4" S/S	-
3	14-00006	4	Hex nut, nylock #10-32	-
4	22-41016	1	Pressure sender 0-80 PSI standard ground 1/8 NPT	-
5	22-42232	1	Temperature sender 250F standard ground 1/4 NPT	-
6	23-40009	1	Bracket, solenoid mounting	-
7	19-00088	1	Hose clamp #88 S/S	-
8	22-41080	1	Solenoid 12VDC 85A N.O. ISO ground	-
9	14-00112	2	Hex nut, nylock 1/4-20	-
10	15-00121	2	Flat washer 1/4" SAE	-
11	RE70957	1	Starter 12V 4.5kW standard ground L.H. 3-bolt SAE type #1 Mtg	-
12	12-80832	3	Capscrew, hex head flanged M10 x 1.5 x 30mm	-
13	22-40963	1	Switch, pressure 15PSI N.O./N.C. 1/8NPT 10A contacts	-
15	22-49518	1	Harness, control system power supply	-
16	15-00301	3	Flat washer 3/8" USS	-
17	14-00812	3	Hex nut, nylock M10 x 1.5	-
18	12-00832	3	Capscrew, hex head, M10 x 1/5 x 30mm	-
19	22-49619	1	Wire harness assy, external control & power supply, ISO ground.	-

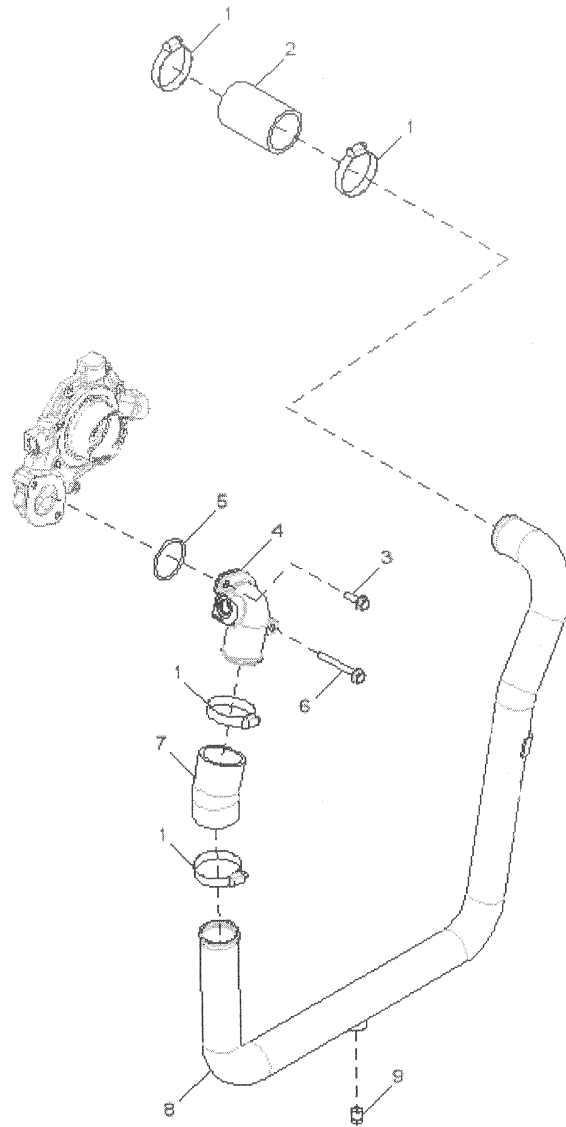
1000 Oil Pressure Manifold

KEY	PART NUMBER	QTY	DESCRIPTION	SERIAL NUMBER
1	10-40001	1	Manifold, oil pressure	-
2	21-13110	2	Spacer, BP. 3/8 SCHD 80 x 1/2"	-
3	19M8391	2	Capscrew, hex head, flanged M8 x 1.25 x 35mm	-
4	21-52205	1	Male connector, Stl. 1/8NPT x 1/4-37T	-
6	18-15408	1	Hose assembly 1/4" ID x 15" x 1/4FMS x 1/4FMS S/S-TFE	-
7	21-71049	1	Male elbow .90, Stl. 1/4NPT x 1/4-37T	-
8	21-00012	3	Plug, hex head, brass, 1/8NPT	-
9	21-31624	1	Pulg, hex head, brass, 1/4NPT	-
10	21-00132	1	Bushing, brass 1/4NPT x 1/8NPT	-

1000 24V Electrical System ISO Ground

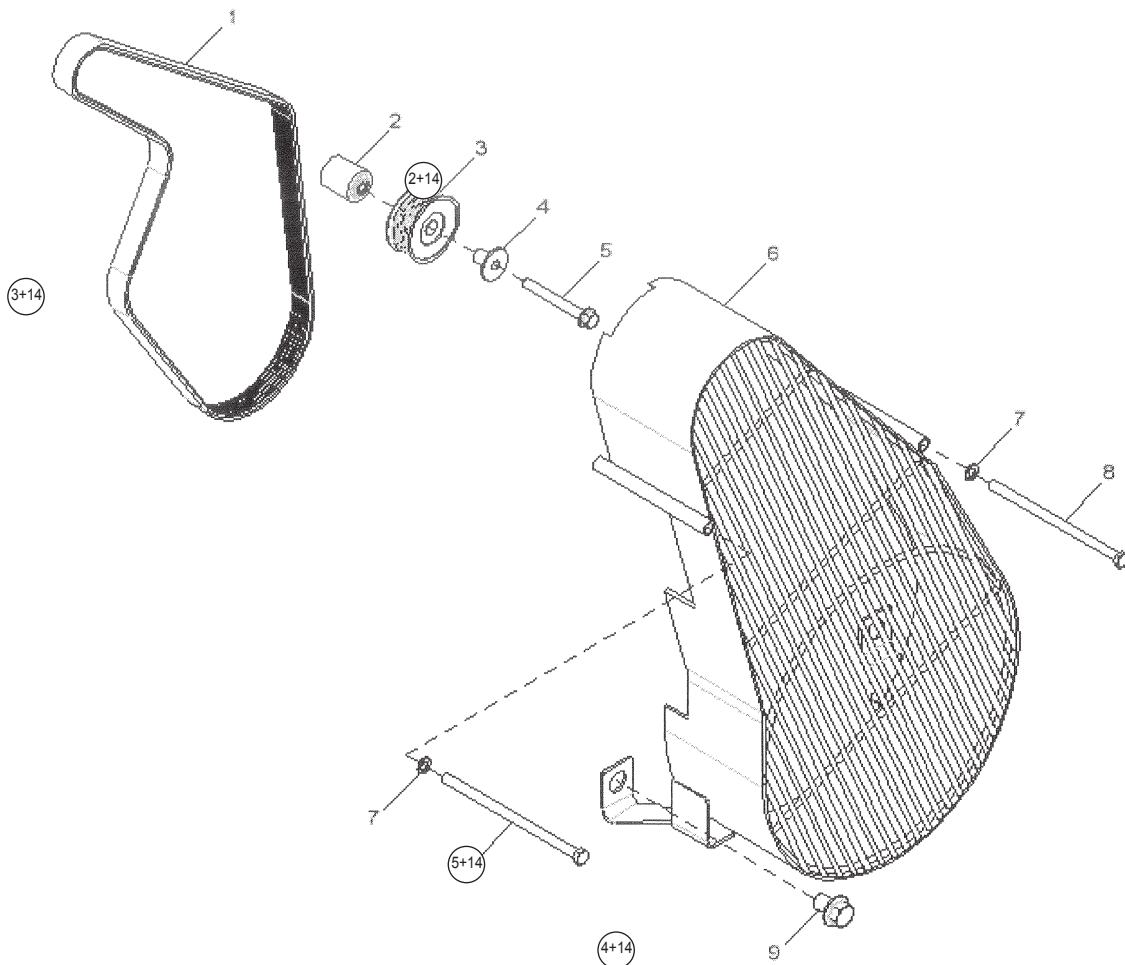
KEY	PART NUMBER	QTY	DESCRIPTION	SERIAL NUMBER
1	22-40085	4	Relay, SPDT 24 VDC 20A	-
2	12-00001	4	MSCR, PH phillips #10-32 x 3/4" S/S	-
3	14-00006	4	Hex nut, nylock #10-32	-
4	22-42803	1	Pressure sender 0-80 PSI ISO ground 1/8 NPT	-
5	22-40940	1	Temperature sender 250F ISO ground 1/8 NPT	-
6	23-40009	1	Bracket, solenoid mounting	-
7	19-00088	1	Hose clamp #88 S/S	-
8	22-41079	1	Solenoid 24VDC 85A N.O. ISO ground	-
9	14-00112	2	Hex nut, nylock 1/4"	-
10	15-00121	2	Flat washer 1/4" SAE0.218" ID x 0.625" OD x 0.050"	-
11	22-49577	1	Starter 24V 4kW ISO ground L.H. 3-bolt SAE type #1 Mtg	-
12	12-80832	3	Capscrew, hex head flanged M10 x 1.5 x 30mm	-
13	22-40963	1	Switch, pressure 15PSI N.O./N.C. 1/8NPT 10A contacts	-
14	AT163022	1	Transient voltage protector 24V	-
15	22-49518	1	Harness, control system power supply	-
16	15-00301	3	Flat washer 3/8" USS	-
17	14-00812	3	Hex nut, nylock M10 x 1.5	-
18	12-00832	3	Capscrew, hex head, M10 x 1/5 x 30mm	-
19	22-49619	1	Wire harness assy, external control & power supply, ISO ground.	-
20	22-49584	1	Alternator 24V/50A ISO ground with fan and pulley	-
21	RE539764	1	Electric fuel pump 24 VDC (with seal kit)	-
22	21-00132	1	Bushing, brass 1/4NPT x 1/8NPT	-
23	15-49502	3	Shoulder washer, white nylon	-
24	15-49503	1	Flat washer, grey PVC	-
25	19M7979	2	Capscrew, hex head, nylock M8 x 1.5 x 55mm	-
26	15-70004	2	Snubbing washer S/S 0.35"ID x 0.94"OD x .060"	-
27	14-09712	2	Hex nut, nylock M8 x 1.25 S/S	-
28	22-40391	1	Relay base w/o retainer	-
29	12-00006	2	MSCR, PH phillips #8-32 x 3/8" S/S	-
30	12-42401	1	MSCR, truss HD phillips #8-32 x 3/8" S/S	-
31	15-00037	1	Flat washer #8 S/S	-
32	12-09131	4	Capscrew, hex head, M6 x 1.0 x 20mm S/S	-
33	15-00610	4	Lock washer, helical M6 S/S	-
34	15-01134	4	Flat washer M6 S/S	-
35	14-01132	4	Hex nut M6 x 1.0 S/S	-
36	22-40393	1	Terminal retainer	-
37	22-75005	1	Terminal strip 3 connection 20A 600VAC #12-22 AWG	-
38	22-70124	1	D.C. power converter 24V-to-24V 10A with harness	-

1000 Water Pump Inlet



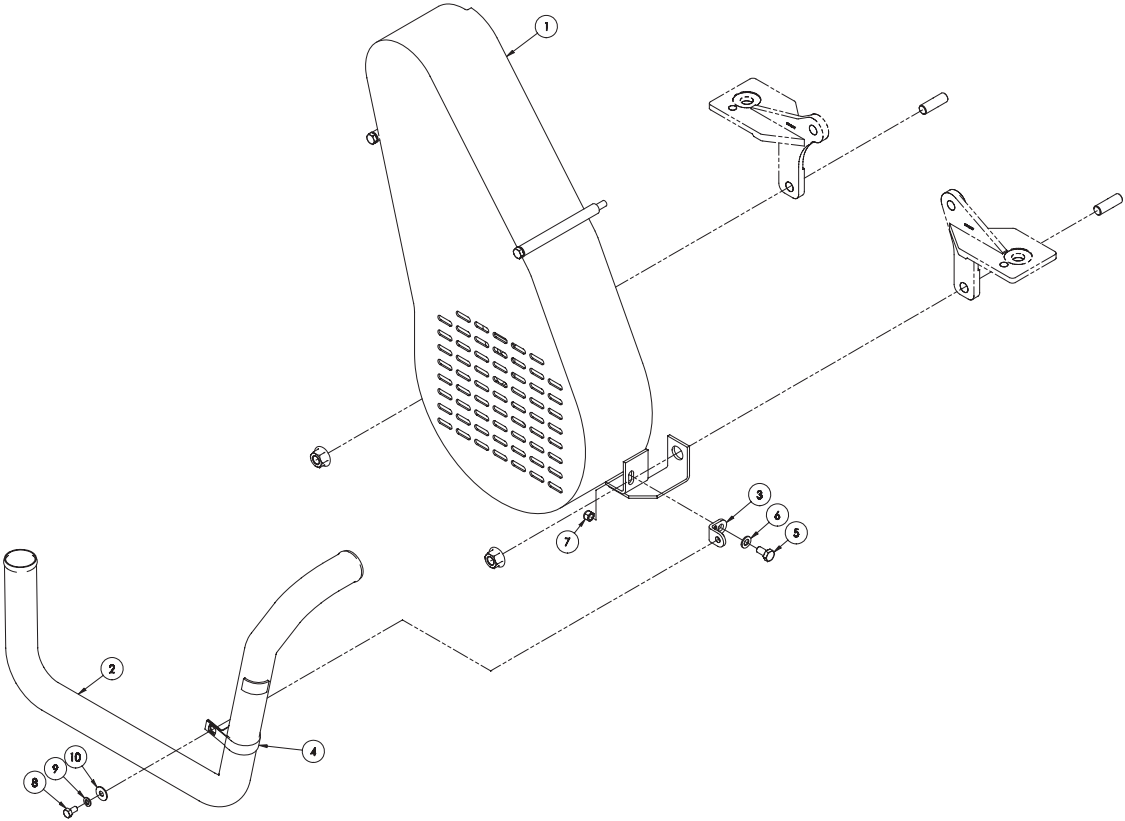
KEY	PART NUMBER	QTY	DESCRIPTION	SERIAL NUMBER
1	TY22470	4	Clamp	-
2	R230480	1	Hose	-
3	19M7867	1	Screw M8 x 25	-
4	R502983	1	Coolant pump inlet	-
5	R89944	1	O-ring	-
6	19M7802	1	Screw M8 x 65	-
7	R519500	1	Hose	-
8	27-19612	1	Tube (See NLI belt guard installation in Ammendum)	-
9	15H604	1	Pipe plug 1/4"	-

1000 Fan Belt



KEY	PART NUMBER	QTY	DESCRIPTION	SERIAL NUMBER
1	R524006	1	V-belt	-
2	R133643	1	Spacer	-
3	AT211041	1	Pulley	-
4	R529790	1	Sleeve	-
5	19M7811	1	Screw M10 x 90	-
6	00-09616	1	Guard (See NLI belt guard installation in Ammendium)	-
7	24M7096	2	Washer 10.500 x 18 x 1.600 mm	-
8	19M8236	1	Capscrew M10 x 190	-
9	19M8468	2	Screw M16 x 25	-
10	19M9423	1	Capscrew M10 x 200	-

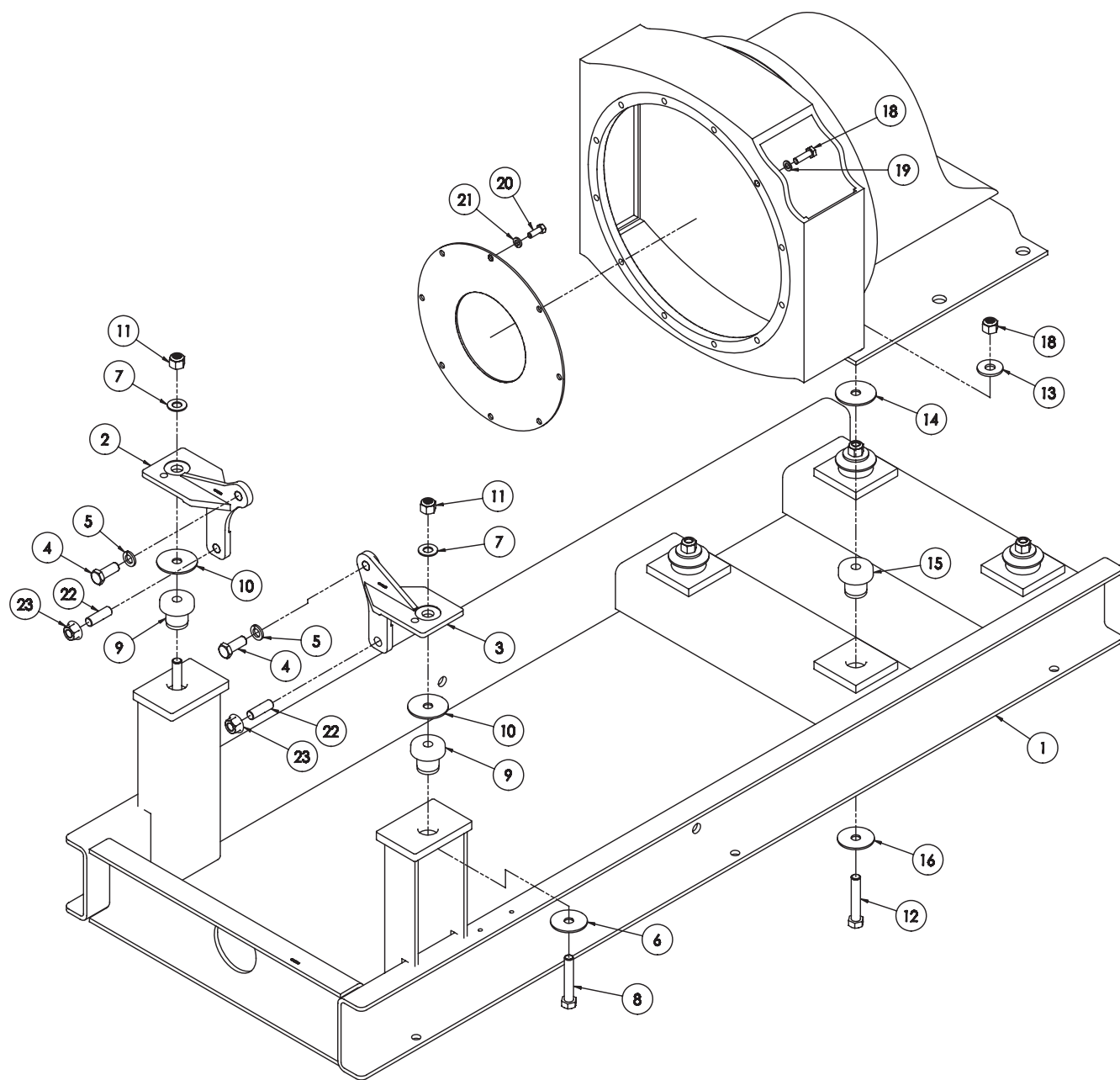
1000 Belt Guard, Medium Frame Alternators without PTO



1000 Belt Guard, Medium Frame Alternators without PTO

KEY	PART NUMBER	QTY	DESCRIPTION	SERIAL NUMBER
1	00-09616	1	Belt guard, medium frame alternators (without PTO)	-
2	27-19612	1	Tube. coolant pump inlet	-
3	23-09702	1	Bracket, lower, belt guard, belt guard upper 1/2 mounting	-
4	19-71001	1	Adelle clamp, 2"ID x 1/2" stud	-
5	12-00805	1	Capscrew, hex head M10 x 1.5 x 20 mm	-
6	15-00805	1	Flat washer M10	-
7	14-00812	1	Hex nut, nylock M10 x 1.5	-
8	12-00751	1	Capscrew, hex head M8 x 1.25 x 16mm	-
9	15-00702	1	Lock washer, helical M8	-
10	15-70004	1	Snubbing washer S/S 0.35" ID x 0.94" OD x 0.60"	-

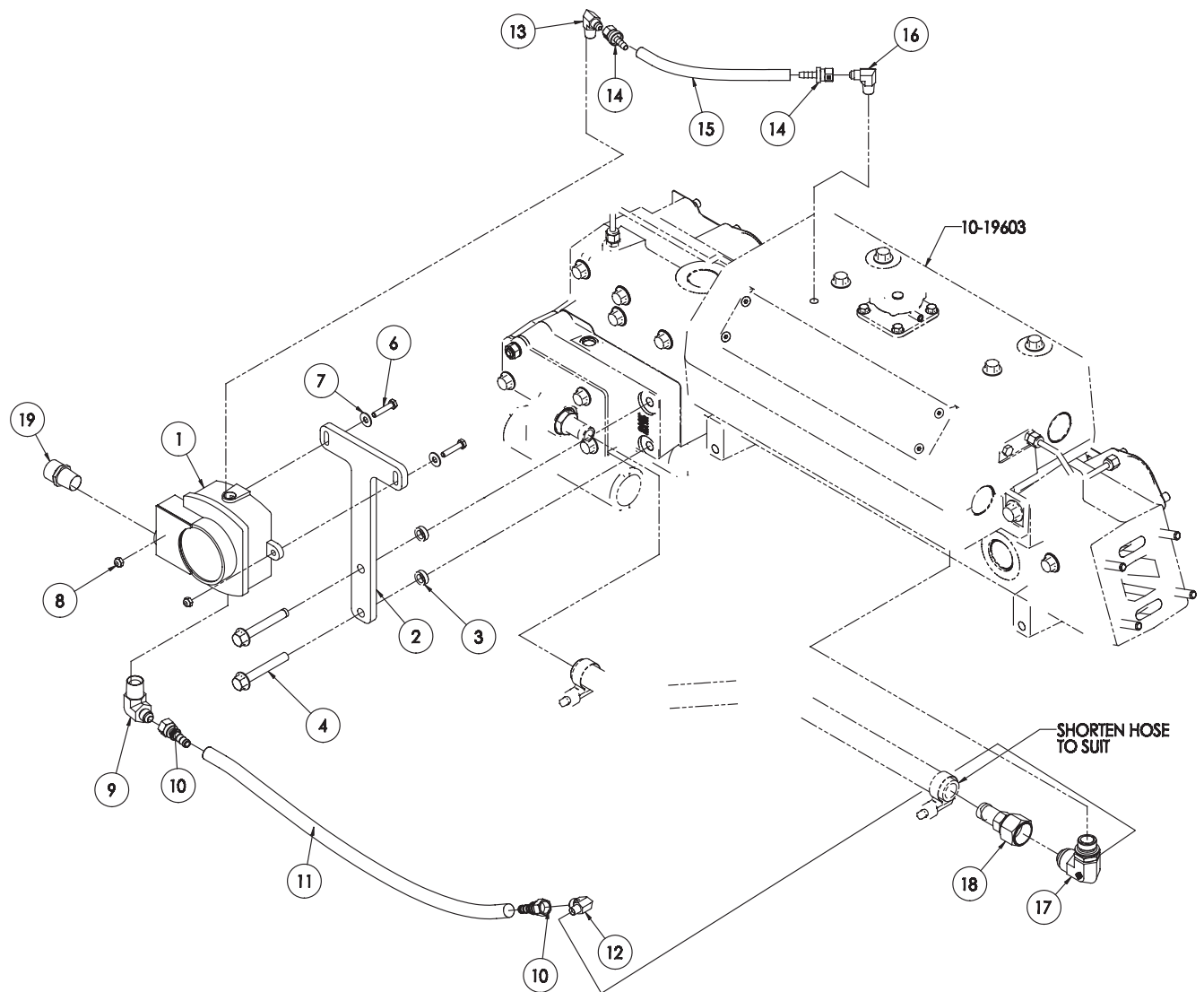
1000 Steel Base Frame, Centerbonded Mounting UCI274 Generator



1000 Steel Base Frame, Centerbonded Mounting UCI274 Generator

KEY	PART NUMBER	QTY	DESCRIPTION	SERIAL NUMBER
1	39-89628	1	Base frame, steel, centerbonded mounting	-
2	23-81001	1	Bracket, front engine mounting R.H.	-
3	23-81002	1	Bracket, front engine mounting L.H.	-
4	12-04803	2	Capscrew, hex head M16 x 2.0 x 40mm	-
5	15-01000	4	Lock washer, helical M16	-
6	12-00034	2	Capscrew, hex head 5/8-11 x 3-1/2"	-
7	15-01330	2	Flat washer 5/8" SAE	-
8	15-00015	2	Head washer 2.75" x 0.64" x 0.125"	-
9	33-81008	2	Mount, centerbonded 650 lbs	-
10	15-00025	2	Tail washer 2.50" x 0.64" x 0.125"	-
11	14-00912	2	Hex nut, nylock 5/8-11	-
12	12-00034	4	Capscrew, hex head 5/8-11 x 3-1/2"	-
13	15-00901	4	Flat washer 5/8" USS	-
14	15-00015	4	Head washer 2.75" x 0.64" x 0.125"	-
15	33-81002	4	Mount, centerbonded 500 lb	-
16	15-00025	4	Tail washer 2.50" x 0.64" x 0.125"	-
17	14-00912	4	Hex nut, nylock 5/8-11	-
18	12-00814	12	Capscrew, hex head M10 x 1.5 x 35mm	-
19	15-00802	12	Lock washer, helical M10	-
20	12-00332	8	Capscrew, hex head 3/8-16 x 1" grade 8 plated	-
21	15-00307	8	Flat washer 3/8" / M10 hardened	-
22	13-01501	2	Stud M16 x 2.0 x 30mm (50 mm LOA)	-
23	14-01435	2	Hex nut, flanged M16 x 2.0	-

Low Coolant Level Switch / Guage ISO Ground

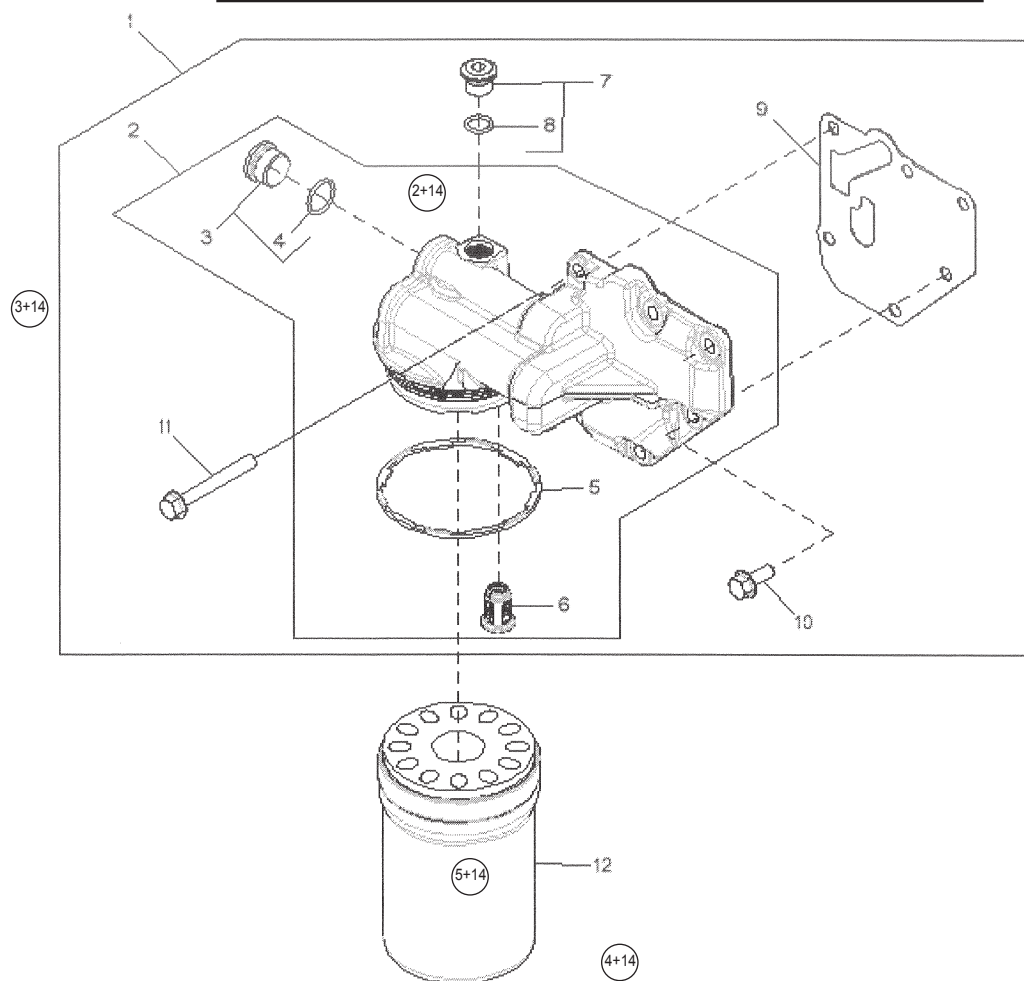


C-7124

Low Coolant Level Switch / Guage ISO Ground

KEY	PART NUMBER	QTY	DESCRIPTION	SERIAL NUMBER
1	22-10003	1	Coolant level switch/guage, ISO ground	-
2	23-19604	1	Bracket	-
3	21-42208	2	Spacer, BP 3/8 SCHD 80 x 6mm	-
4	19M8114	2	Capscrew, hex head flanged M10 x 1.5 x 70mm	-
6	12-09032	2	Capscrew, hex head M6 x 1.0 x 30mm S/S	-
7	15-00101	2	Flat washer 1/4" USS S/S	-
8	14-01133	2	Hex nut, nylock M6 x 1.90 S/S	-
9	21-70011	1	Male elbow, 90, Stl. 1/2 NPT x 3/8-37T	-
10	21-71034	2	Female swivel, Brs. 3/8HB x 3/8-37T push-on	-
11	41-01020	1	Hose 3/8"ID	-
12	21-71055	1	Male elbow 90, Stl. 1/8 NPT x 3/8-37T	-
13	21-74044	1	Male elbow 90, Brs. 1/4 NPT x 1/4-45T	-
14	21-71045	2	Female swivel, Brs. 1/4 HB x 1/4-45T push-on	-
15	41-01011	1	Hose 1/4" ID	-
16	21-71044	1	Male elbow 90, Brs. 1/4 NPT x 1/4-45T	-
17	21-19602	1	Male elbow 90, Stl. M22 x 1.5 x 3/4-37T (ISO 6149 port) tapped 1/8NPT	-
18	21-19603	1	Female swivel, Brs. 3/4HB x 3/4-37T	-
19	00-40016	1	Strain relief connection 1/2 NPT with 3/16" ID to 5/16" ID grommet	-

1000 Engine Oil Filter and Adapter



KEY	PART NUMBER	QTY	DESCRIPTION	SERIAL NUMBER
1	RE508987	1	Filter head kit (includes keys #2-11)	-
2	RE504564	1	Filter head assembly (includes keys 2-6)	-
3	RE505232	2	Plug(includes key #4)	-
4	16-09501	1	O-ring	-
5	R502513	1	Seal	-
6	RE504543	1	Valve	-
7	RE52242	**	Plug (includes key #8)	-
8	51M7042	1	O-ring	-
9	R500374	1	Gasket	-
10	RE67238	1	Capscrew, hex head flanged M8 x 1.25 x 20mm (with sealing compound)	-
11	19M7802	5	Capscrew, hex head flanged M8 x 1.25 x 65mm	-
12	24-09501	1	Oil Filter	-
			**As required	



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