27

BAD BOY

LIGHT CONSTRUCTION

PARTS MANUAL



RECON

MINI SKID STEER

BAD BOY PART NUMBERS

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BAD BOY
LIGHT CONSTRUCTION

CONTENTS

RECON | Bad Boy part-number edition

Using this manual 3

01 Engine 4

Engine internal components 11

02 Fuel system 66

03 Frame & body 78

04 Electrical system 88

05 Drive system 97

06 Operator platform 109

07 Hydraulic system 112

08 Brake system 139

09 Quick hitch 142

10 Tracks 149

11 Decals 151

12 Filters & service kits 155

13 Optional equipment 170

Bad Boy part-number index 172

USING THIS MANUAL

FIND THE PART

Choose a system from the contents, locate the numbered part in the drawing, and match that callout to the ITEM column. QTY is the quantity listed for that assembly.

BAD BOY PART NUMBERS

Use the Bad Boy part number when ordering. If a part number is blank, contact your authorized Bad Boy dealer for assistance. An asterisk identifies an individual component rather than a complete assembly.

DRAWINGS AND PARTS LISTS

Larger assemblies use a full illustration page followed by a parts-list page. Figure numbers connect each drawing to its list. Page references in the description lead to an included component breakdown.

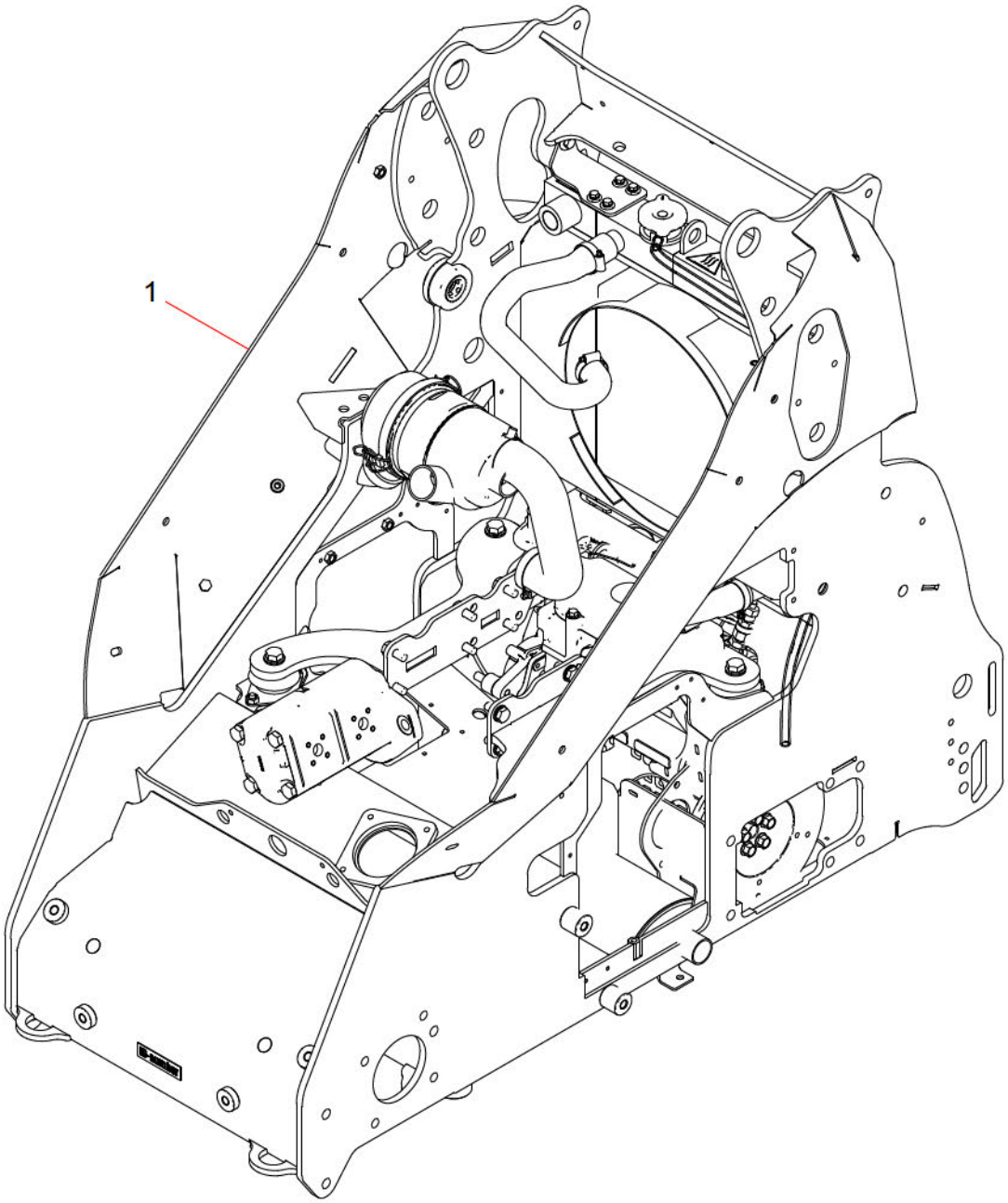
PART-NUMBER INDEX

Use the index at the back to find every parts-list page containing a Bad Boy part number.

PARTS SECTION: ENGINE

FIGURE 01.01 | Engine

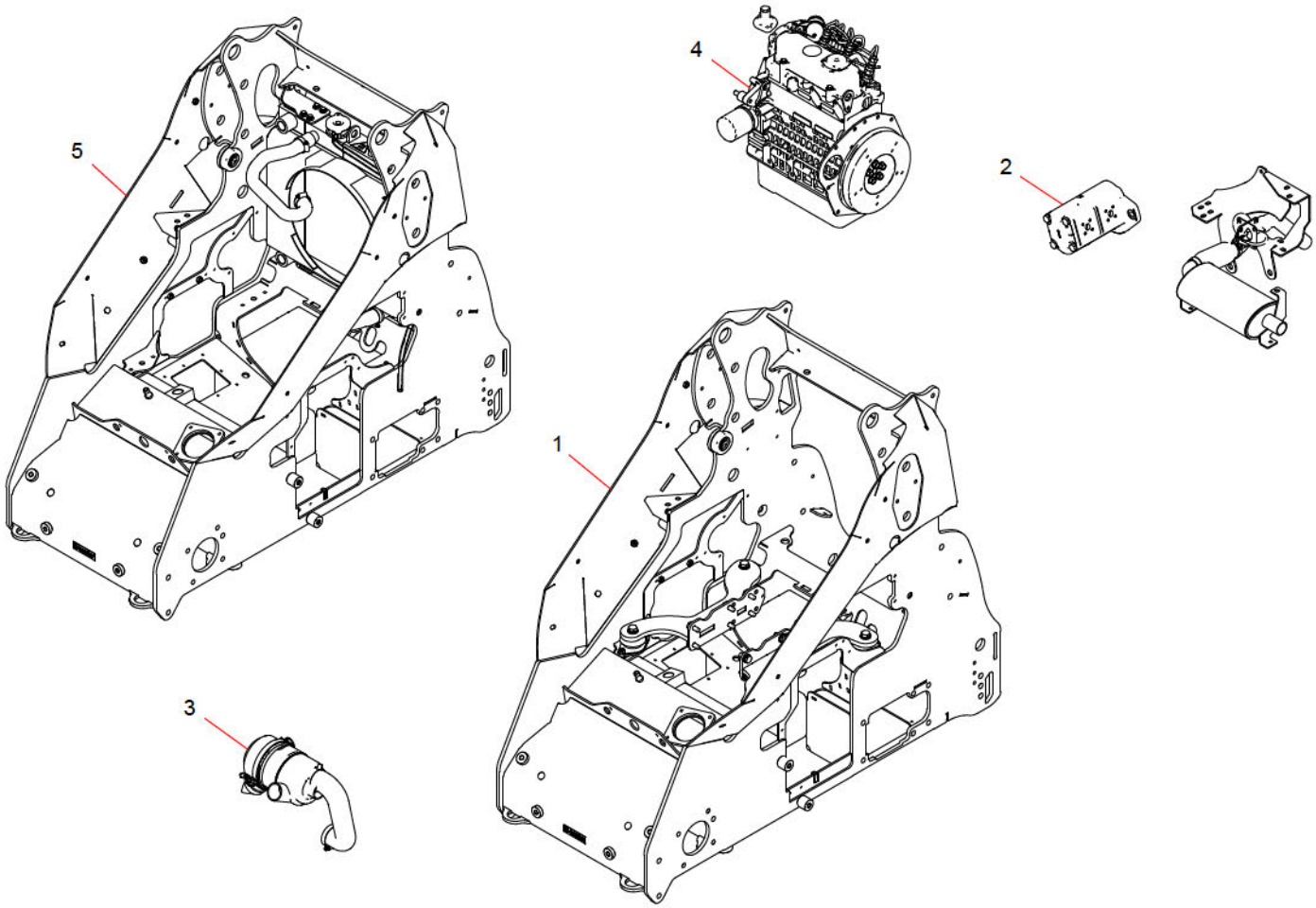
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		010.01. D902 (see p. 5)



PARTS SECTION: D902

FIGURE 01.02 | Engine

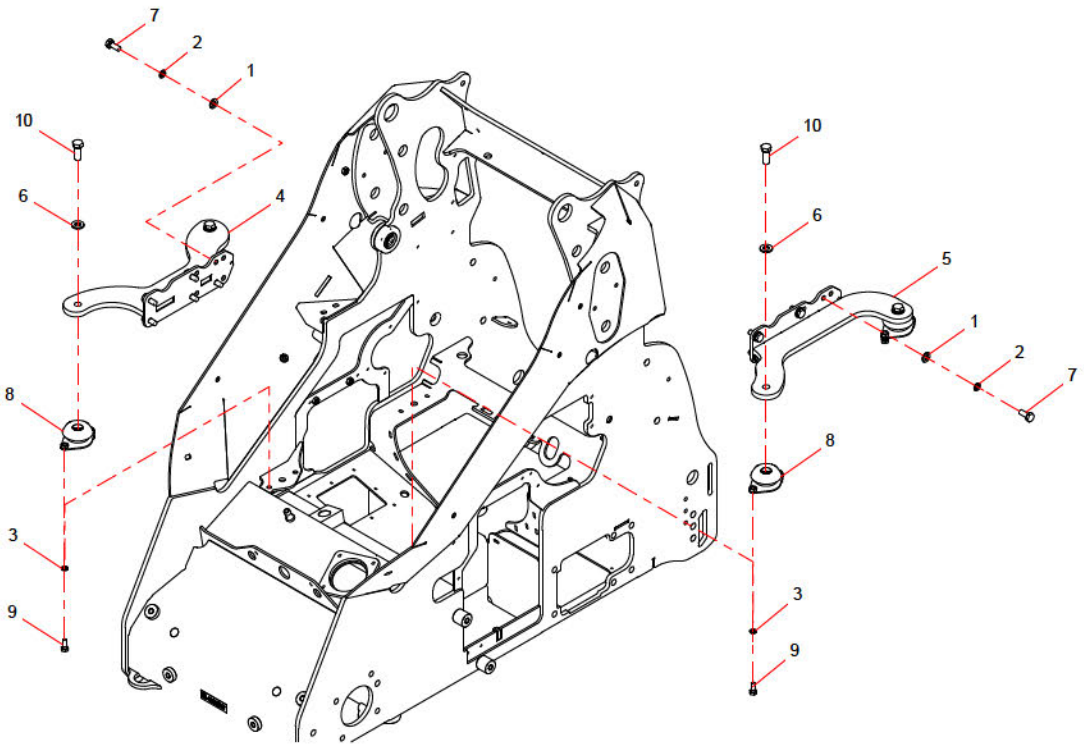
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		010.01.01. Cooling system (see p. 9)
2	1		010.01.02. Engine mount (see p. 6)
3	1		010.01.05. Air inlet (see p. 8)
4	1		010.01.06. Exhaust (see p. 7)
5	1		010.01.10. D902 ENG. PARTS BOOK (see p. 10)



PARTS SECTION: ENGINE MOUNT

FIGURE 01.03 | Engine

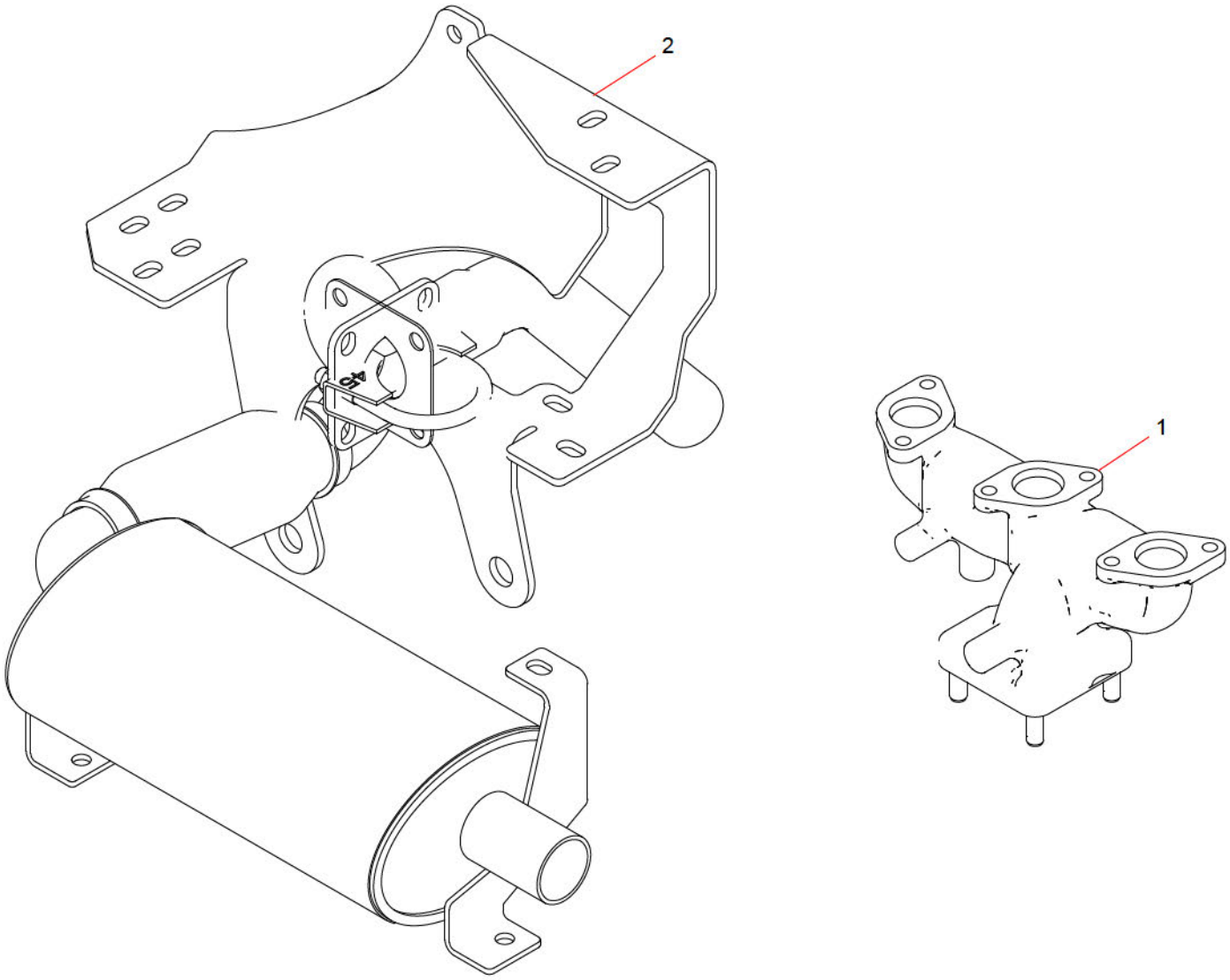
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	12	**1019-0119-00**	Nord-lock SP body M10
2	12	**1019-0024-00**	Nord-lock M10
3	8	**1019-0026-00**	Nord-lock M8
4	1	**1039-0006-00**	Mount bkt Kub D722&D902 R, wld
5	1	**1039-0005-00**	Mount bkt Kub D722&D902 L, wld
6	4	**1019-0028-00**	Nord-lock SP body M12
7	12	**1018-1012-00**	Hex cap F DIN961 M10x1.25x25
8	4	**1039-9101-00**	Engine mount mech damper
9	8	**1018-1009-00**	Hex cap bolt DIN933 M8x20
10	4	**1018-1002-00**	Hex cap bolt DIN933 M12x35



PARTS SECTION: EXHAUST

FIGURE 01.04 | Engine

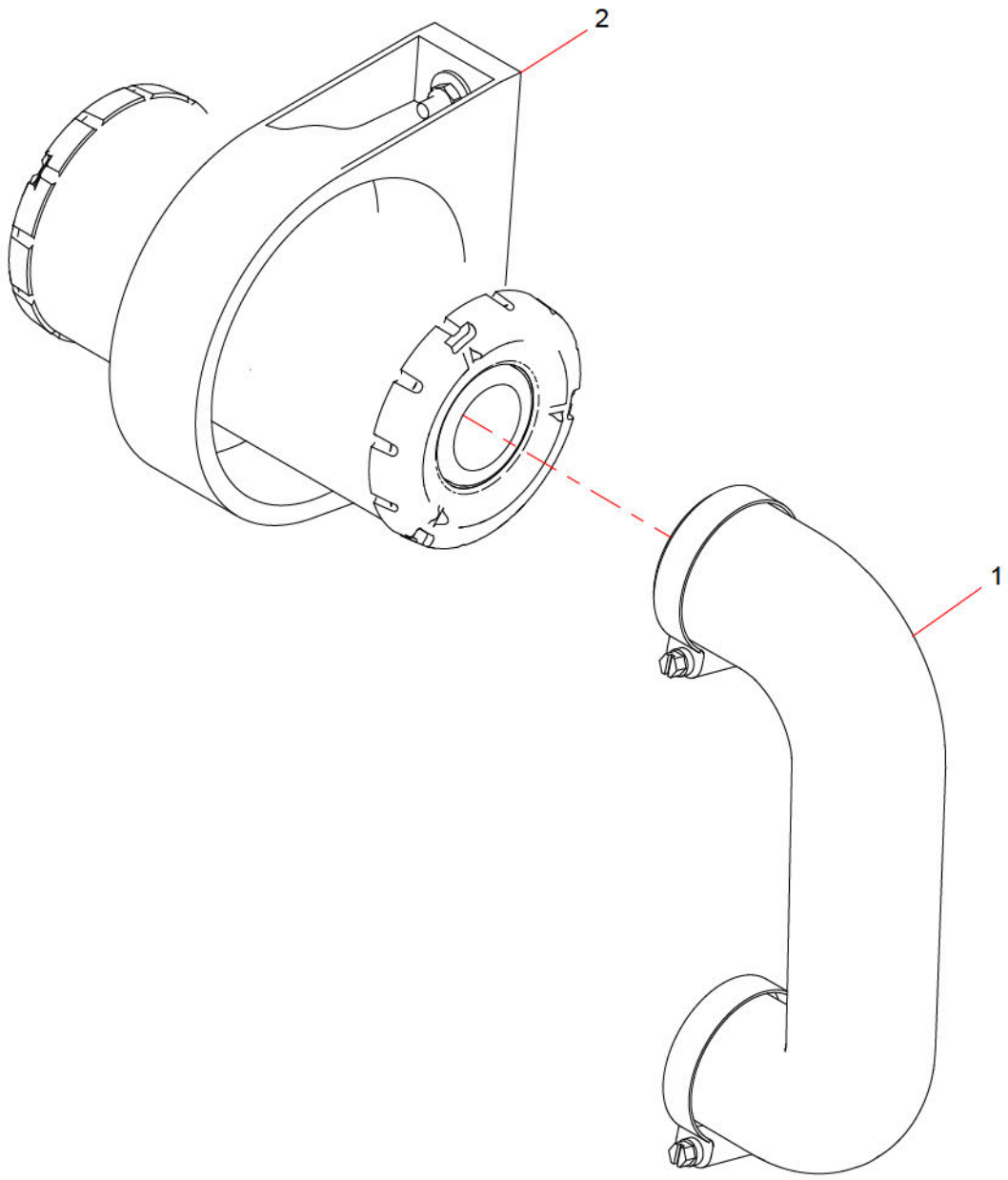
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Exhaust manifold
2	1		Muffler (see p. 59)



PARTS SECTION: AIR INLET

FIGURE 01.05 | Engine

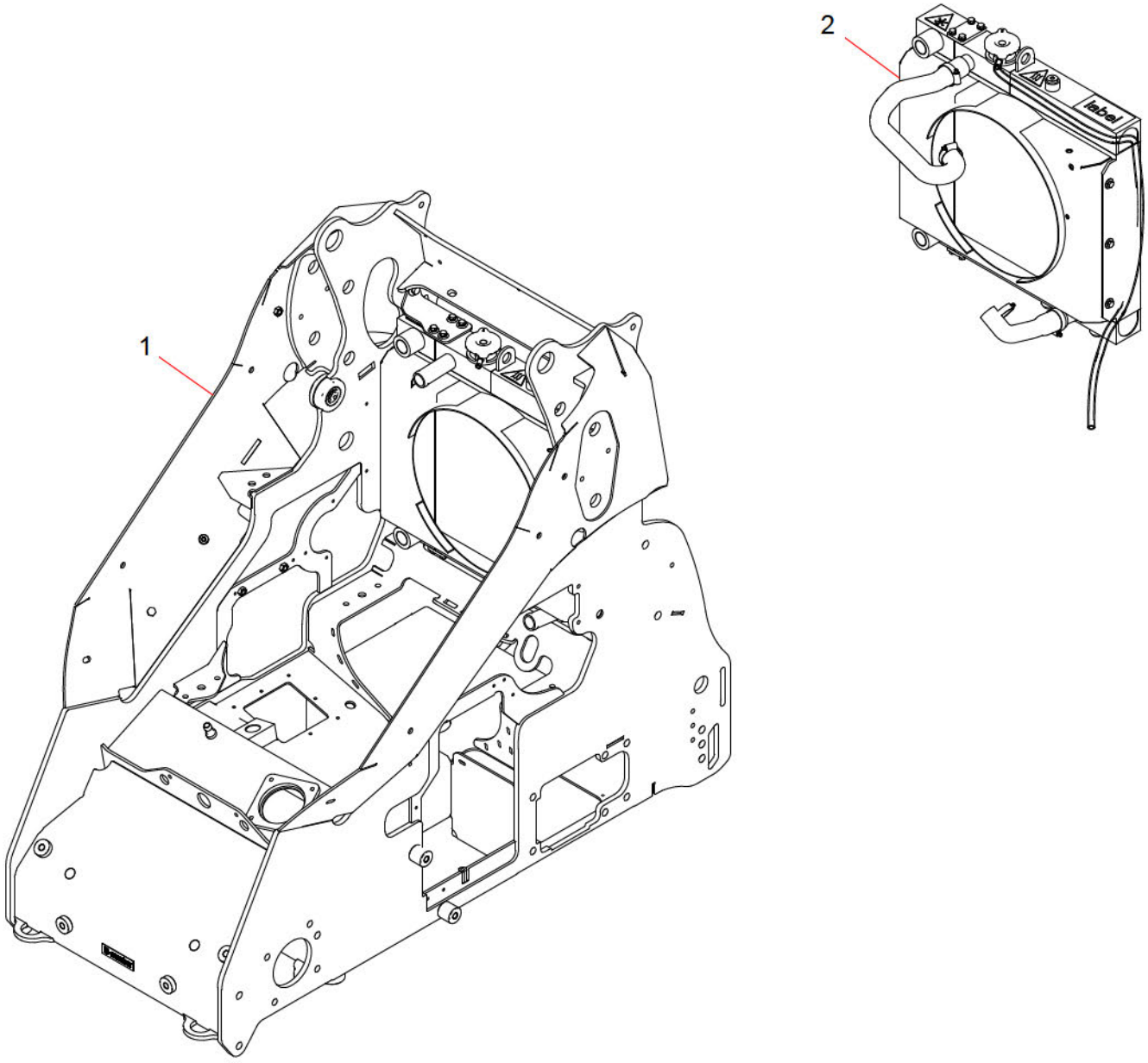
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Hoses (see p. 62)
2	1		Filter housing (see p. 61)



PARTS SECTION: COOLING SYSTEM

FIGURE 01.06 | Engine

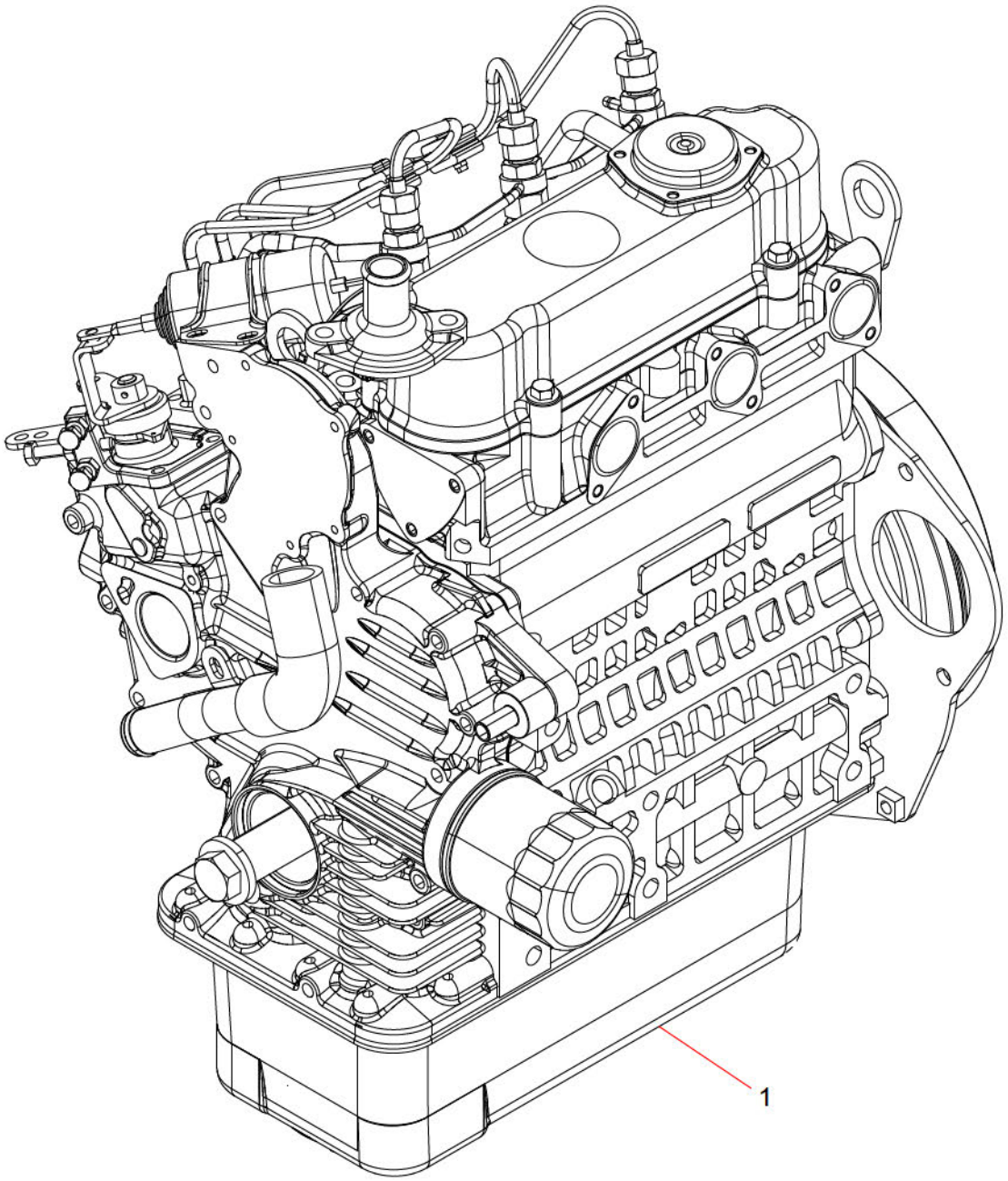
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		010.01.01.01. Cooler (see p. 63)
2	1		010.01.01.02. Lines GRP water (see p. 65)



PARTS SECTION: D902 ENG.PARTS BOOK

FIGURE 01.07 | Engine

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Kubota D902-E4B-BRO-3 (see p. 11)



PARTS SECTION: ENGINE D902-E4B-BRO-3

FIGURE 01.08 | Engine | Component directory | List 1 of 2

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		030100 FUEL PUMP (see p. 38)
2	1		060100 INLET MANIFOLD (see p. 49)
3	1		020400 GOVERNOR (see p. 32)
4	1		020500 SPEED CONTROL PLATE (see p. 33)
5	1		020600 NOZZLE AND GLOW PLUG (see p. 34)
6	1		000300 CYLINDER HEAD (see p. 15)
7	1		020200 INJECTION PUMP (see p. 31)
8	1		000400 GEAR CASE (see p. 16)
9	1		000600 OIL FILTER (see p. 19)
10	1		010300 FLYWHEEL (see p. 27)
11	1		010100 CAMSHAFT AND IDLE GEAR (see p. 24)
12	1		090002 LOWER GASKET KIT (see p. 54)
13	1		010200 PISTON AND CRANKSHAFT (see p. 25)
14	1		040400 STARTER (see p. 40)
15	1		050300 WATER PIPE (see p. 45)
16	1		090001 UPPER GASKET KIT (see p. 52)
17	1		000800 OIL PUMP (see p. 21)
18	1		018000 IDLE APPARATUS (see p. 29)

PARTS SECTION: ENGINE D902-E4B-BRO-3

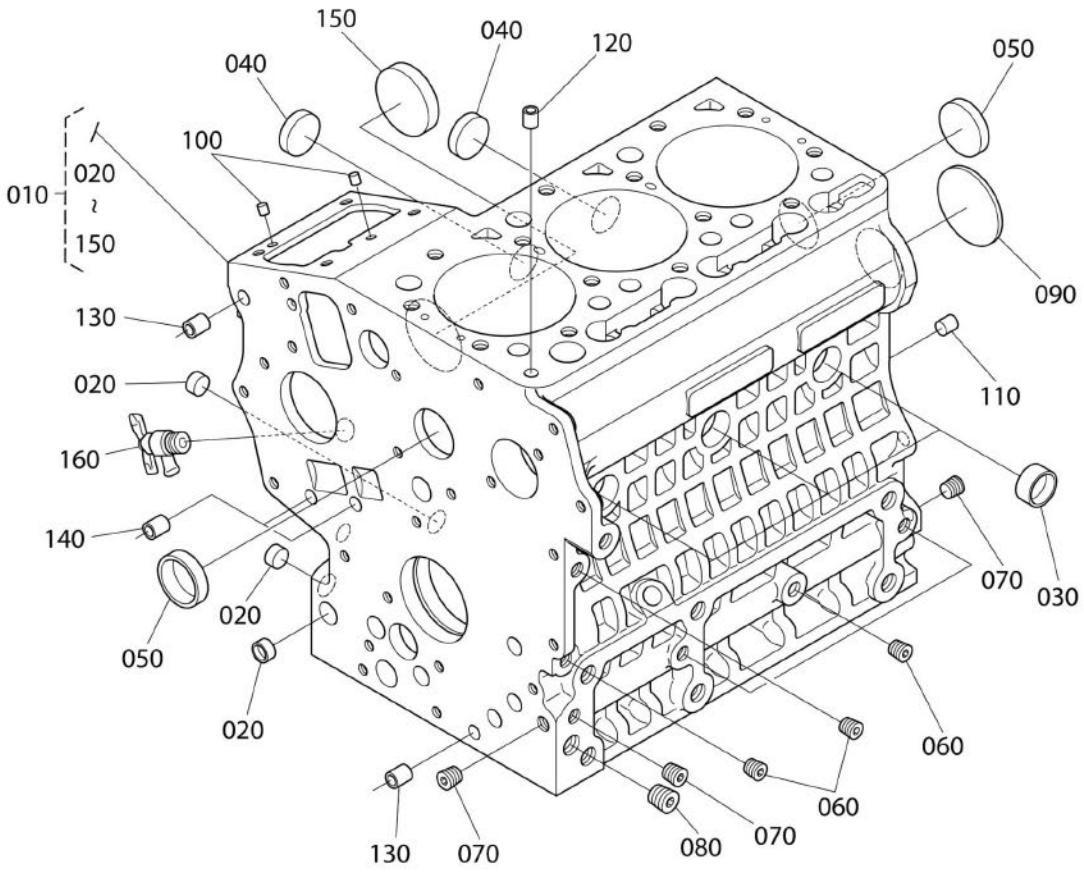
FIGURE 01.08 | Engine | Component directory | List 2 of 2

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
19	1		040200 ALTERNATOR AND PULLEY (see p. 39)
20	1		050100 WATER PUMP (see p. 44)
21	1		000100 CRANKCASE (see p. 13)
22	1		050000 FLANGE AND THERMOSTAT (see p. 42)
23	1		040600 OIL SWITCH (see p. 41)
24	1		090100 METAL KIT (see p. 56)
25	1		080800 ACC AND SERVICE PARTS (see p. 51)
26	1		010500 CAM AND GOVERNOR SHAFT (see p. 28)
27	1		030000 FUEL FILTER (see p. 37)
28	1		050400 FAN (see p. 46)
29	1		020700 NOZZLE HOLDER (see p. 36)
30	1		000700 DIPSTICK (see p. 20)
31	1		010000 MAIN BEARING CASE (see p. 22)
32	1		060200 EXHAUST MANIFOLD (see p. 50)
33	1		060000 VALVE AND ROCKER ARM (see p. 47)
34	1		090300 PISTON KIT (see p. 58)
35	1		000500 HEAD COVER (see p. 18)
36	1		000200 OIL PAN (see p. 14)
37	1		020100 STOP SOLENOID (see p. 30)

PARTS SECTION: 000100 CRANKCASE

FIGURE 01.09 | Engine

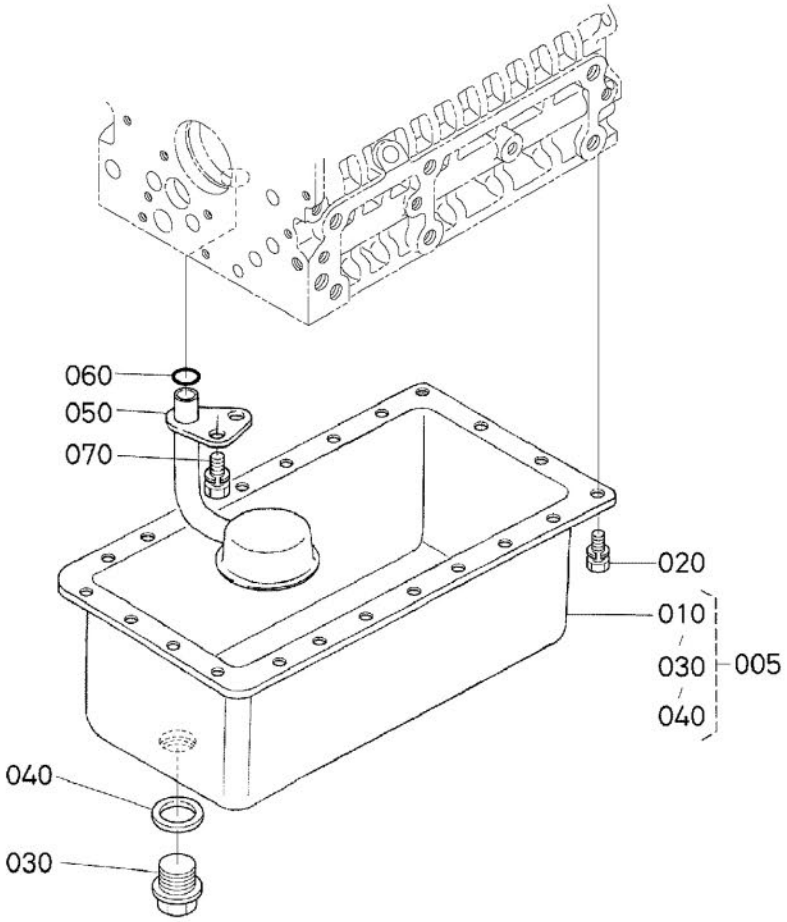
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1015-0031-00**	Crankcase complete
10	1	**1015-0030-00**	Crankcase
30	1	**1014-9103-00**	Cap.sealing
40	1	**1050-9119-00**	Cap, sealing
70	1	**1050-9116-00**	Plug
80	1	**1050-9117-00**	Plug
150	1	**1014-9106-00**	Cover fuel camshaft
160	1	**1050-9421-00**	Drain valve Z400/D600/V800



PARTS SECTION: 000200 OIL PAN

FIGURE 01.10 | Engine

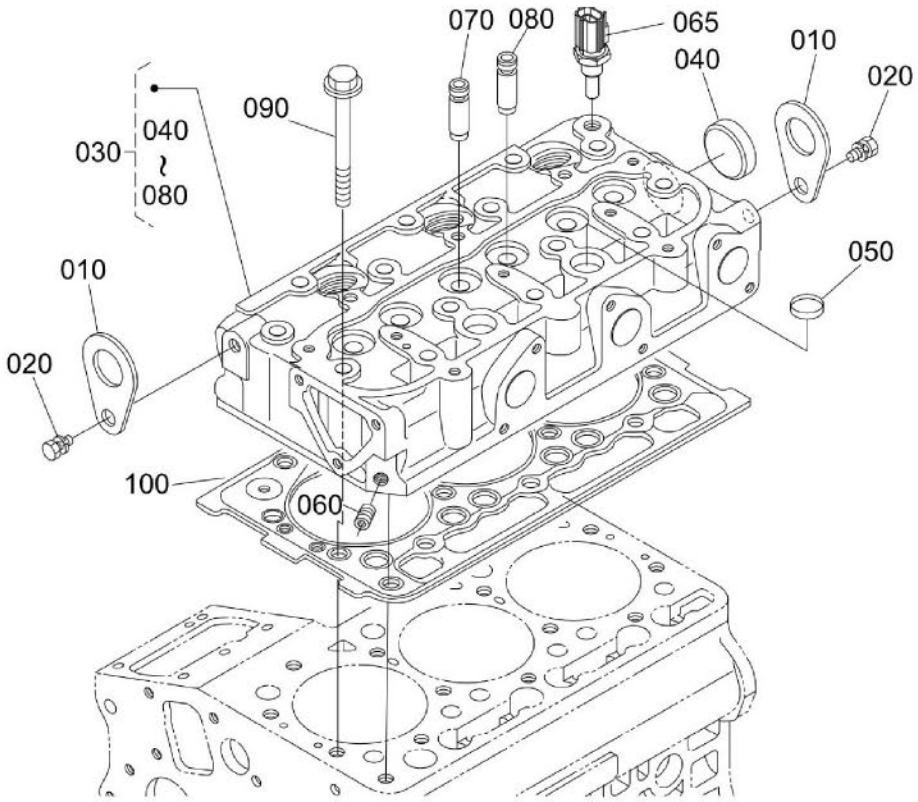
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1015-0080-00**	Oil pan
20	1	**1018-0017-00**	Bolt sems >=4LS0001
20	1	**1018-0021-00**	Bolt, sems <=4LRZ999
30	1	**1050-0042-00**	Drain plug
50	1	**1063-0020-00**	Suction filter
60	1	**1033-8055-00**	O-ring
70	1	**1018-0015-00**	Bolt sems



PARTS SECTION: 000300 CYLINDER HEAD

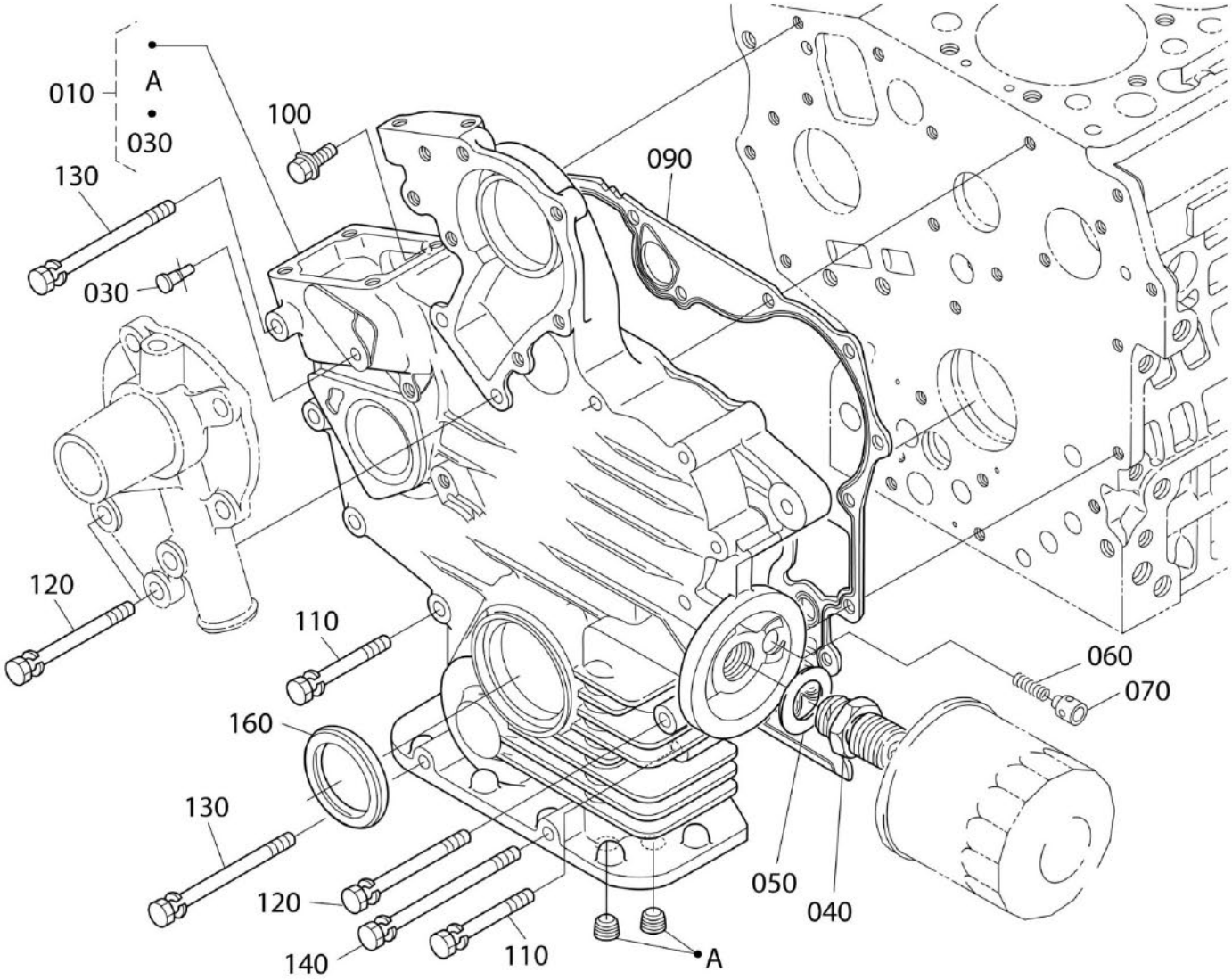
FIGURE 01.11 | Engine

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
30	1		Cylinder head
40	1	**1014-9105-00**	Cap, sealing
50	1	**1014-9102-00**	Cap. sealing
65	1		Sensor coolant temperature
70	1	**1015-1028-00**	Valve guide inlet
80	1	**1015-1029-00**	Valve guide exhaust
90	1	**1018-0030-00**	Cylinder head bolt
90	1	**1018-0025-00**	Cylinder head bolt
100	1	**1056-8059-00**	Head gasket D902 paper



PARTS SECTION: 000400 GEAR CASE

FIGURE 01.12 | Engine | Parts list on page 17



PARTS SECTION: 000400 GEAR CASE

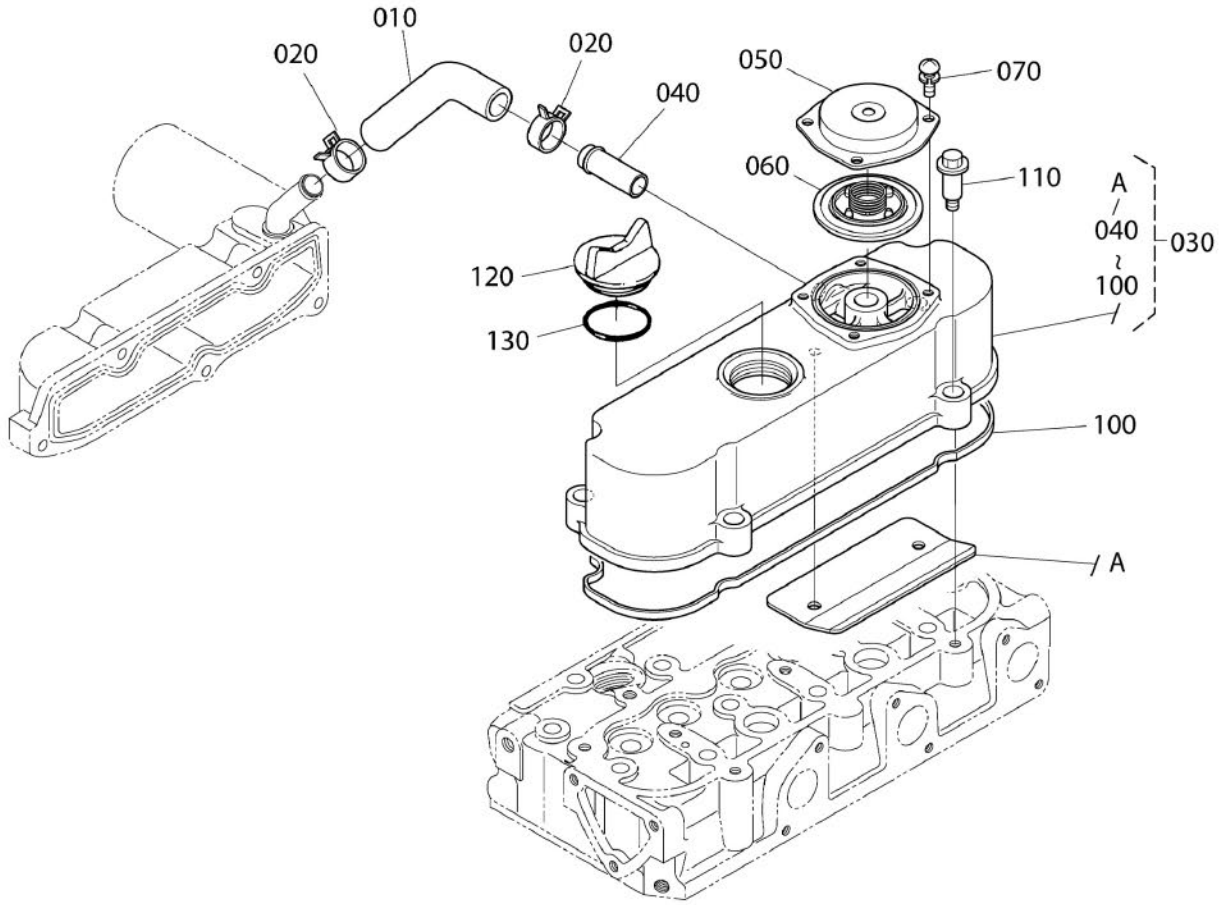
FIGURE 01.12 | Engine | Drawing on page 16

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
40	1	**1047-9001-00**	Connector oil filter
50	1	**1013-0034-00**	Washer
60	1	**1040-7004-00**	Spring
70	1	**1055-8123-00**	Relief valve
110	1	**1018-0018-00**	Bolt, flange
120	1	**1018-0013-00**	Bolt sems
140	2	**1018-0013-00**	Bolt sems
170	1	**1033-8056-00**	Oil seal
190	1	**1064-9112-00**	Gasket, cover
200	1		Bolt stud
210	1	**1013-9010-00**	Nut

PARTS SECTION: 000500 HEAD COVER

FIGURE 01.13 | Engine

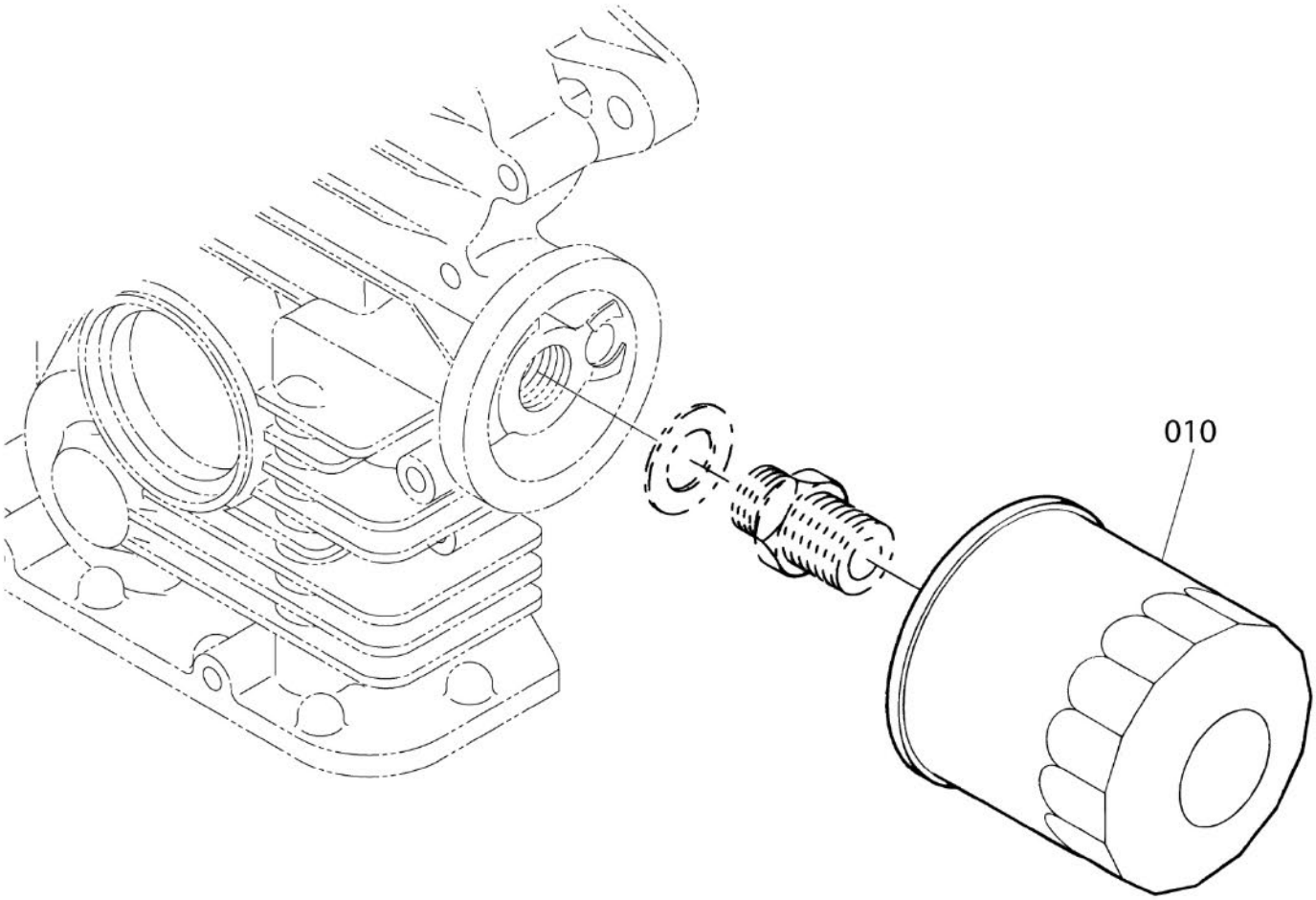
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
20	1	**1052-8011-00**	Clamp hose
40	1	**1027-9104-00**	Pipe breather
50	1	**1014-9104-00**	Cover breather
100	1	**1014-9502-00**	Gasket head cover D902
110	1	**1018-0009-00**	Bolt
120	1	**1068-9001-00**	Plug oil filler
130	1	**1033-8057-00**	O-ring



PARTS SECTION: 000600 OIL FILTER

FIGURE 01.14 | Engine

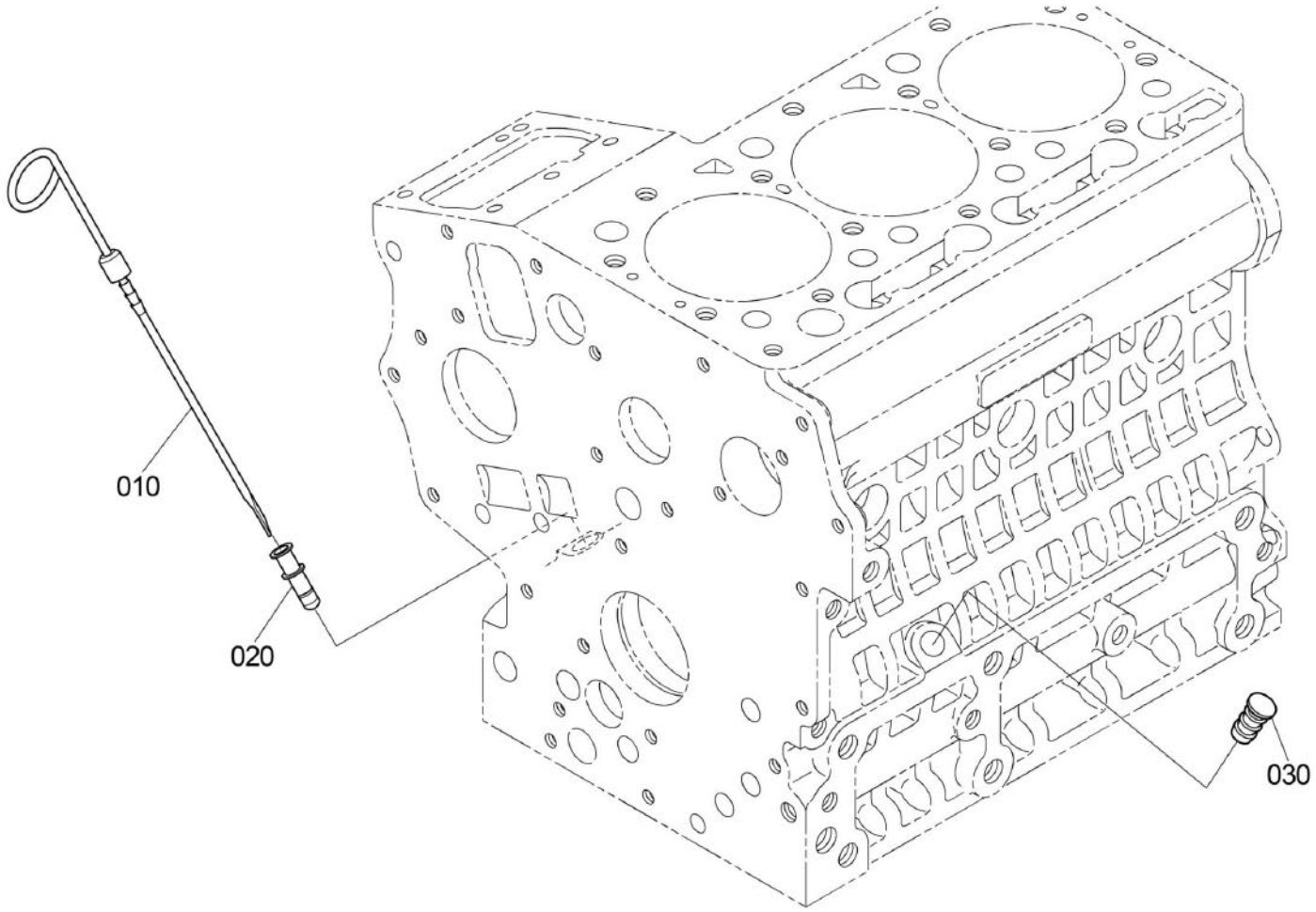
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1015-0226-00**	Engine oil filter D722/D902



PARTS SECTION: 000700 DIPSTICK

FIGURE 01.15 | Engine

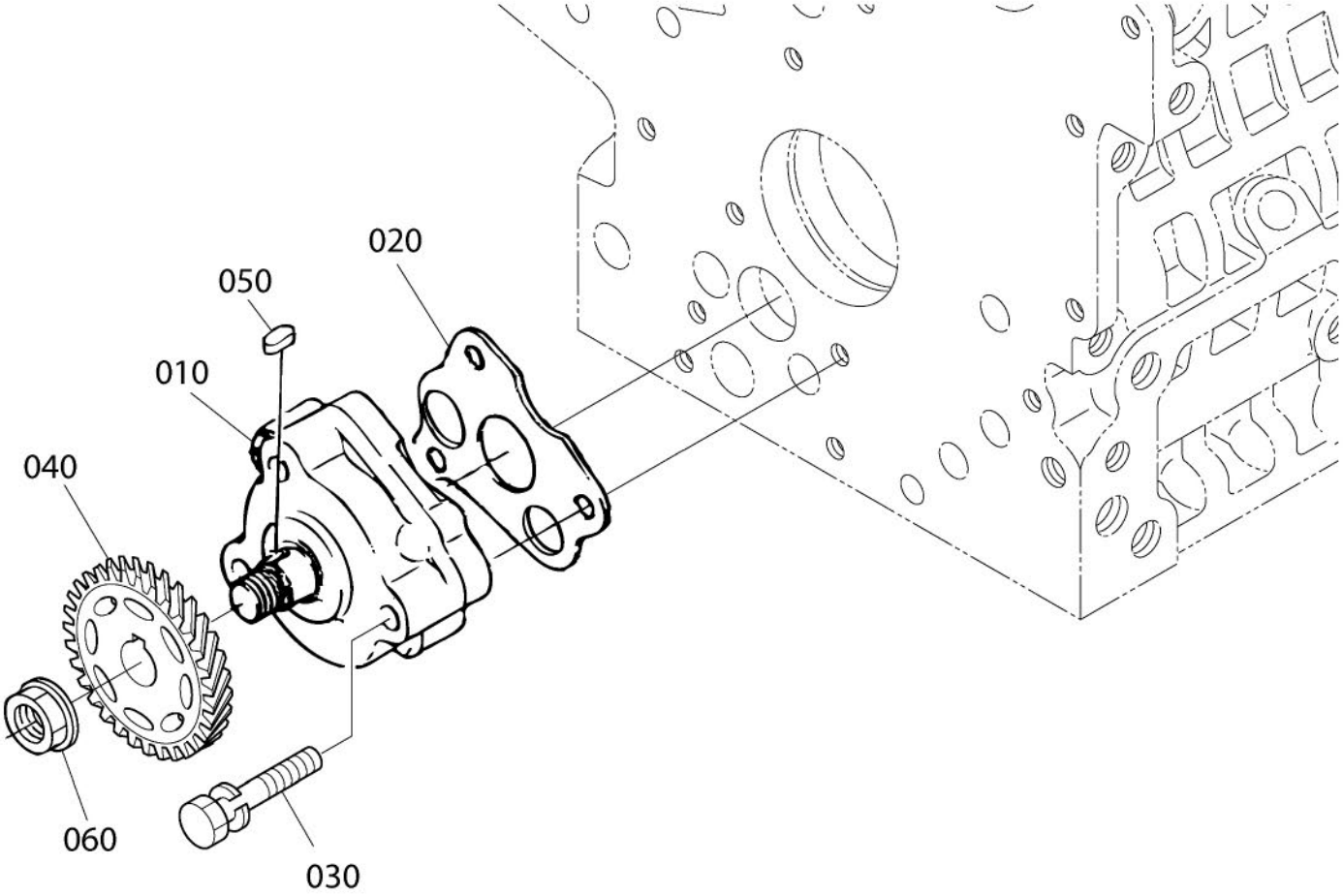
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1		Dipstick
20	1		Dipstick tube D902
30	1		O-ring
40	1	**1050-9420-00**	Plug oil gauge



PARTS SECTION: 000800 OIL PUMP

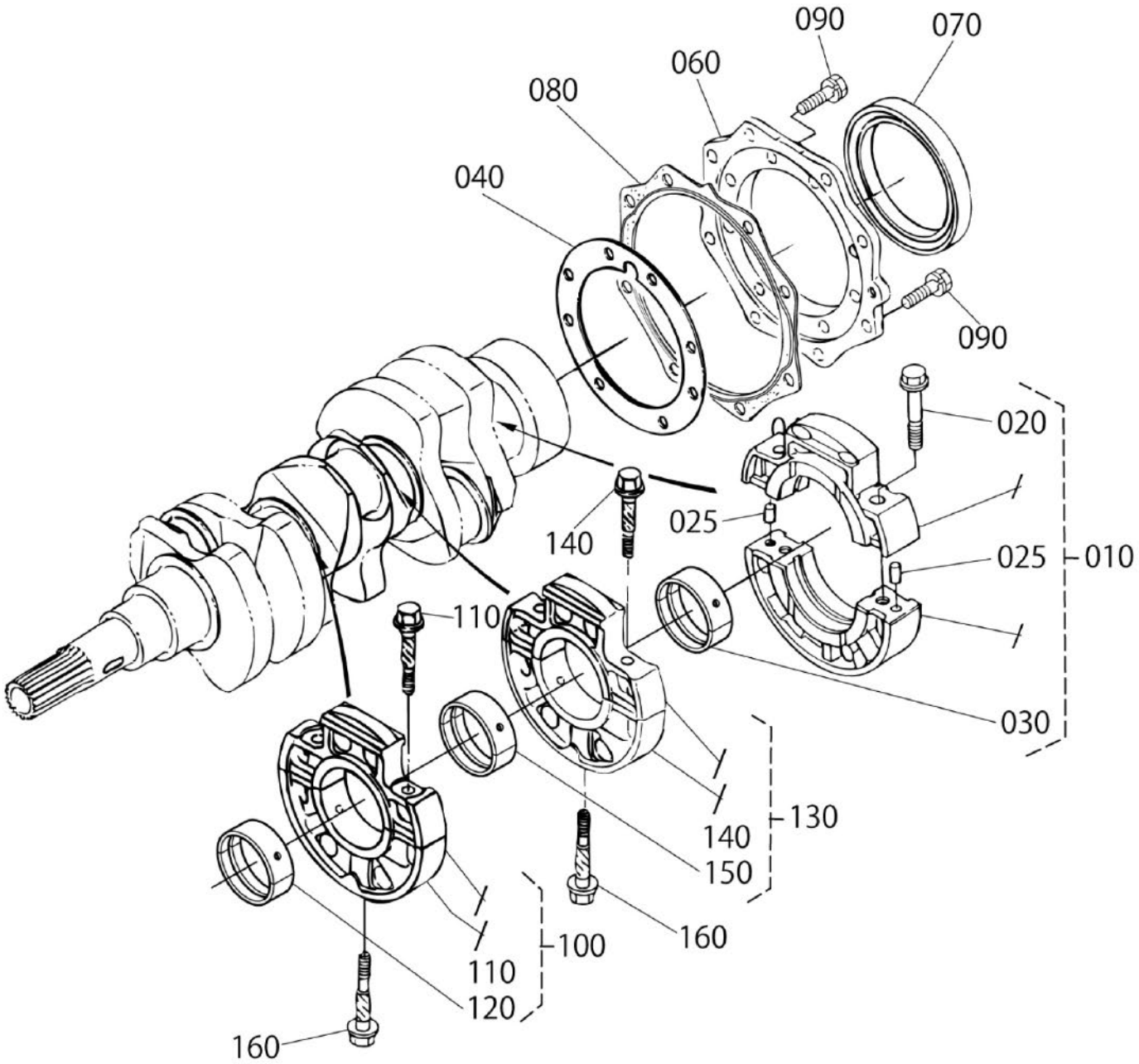
FIGURE 01.16 | Engine

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1057-8934-00**	Oil pump engine oil
20	1	**1064-9008-00**	Gasket oil pump



PARTS SECTION: 010000 MAIN BEARING CASE

FIGURE 01.17 | Engine | Parts list on page 23



PARTS SECTION: 010000 MAIN BEARING CASE

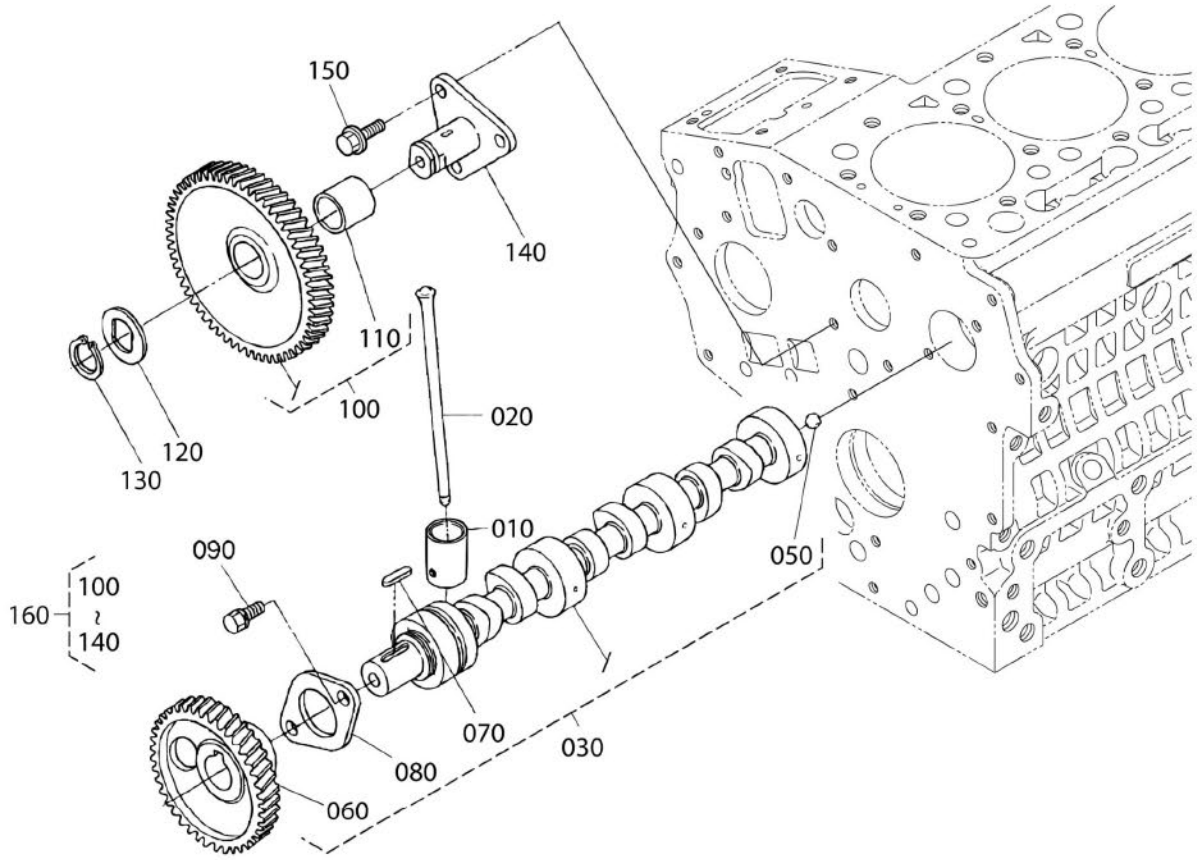
FIGURE 01.17 | Engine | Drawing on page 22

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1022-0007-00**	Bearing case full assy
25	1	**1010-7011-00**	Bearing standard
25	1	**1010-7012-00**	Bearing -0.20mm BRG W
25	1	**1010-7013-00**	Bearing -0.40mm BRG W
30	1	**1064-9011-00**	Gasket, bearing case
50	1	**1033-8053-00**	Seal. oil
60	1	**1064-9007-00**	Gasket, case cover
80	1	**1018-0016-00**	Bolt sems
90	1	**1015-0009-00**	Assy case main bearing 1
105	1	**1010-7002-00**	Bearing standard BRG 1-2
105	1	**1010-7103-00**	Bearing -0.20mm BRG 1-2
105	1	**1010-7004-00**	Bearing -0.40mm BRG 1-2
110	1	**1015-0010-00**	Assy case main BRG 2
125	1	**1010-7002-00**	Bearing standard BRG 1-2
125	1	**1010-7103-00**	Bearing -0.20mm BRG 1-2
125	1	**1010-7004-00**	Bearing -0.40mm BRG 1-2

PARTS SECTION: 010100 CAMSHAFT AND IDLE GEAR

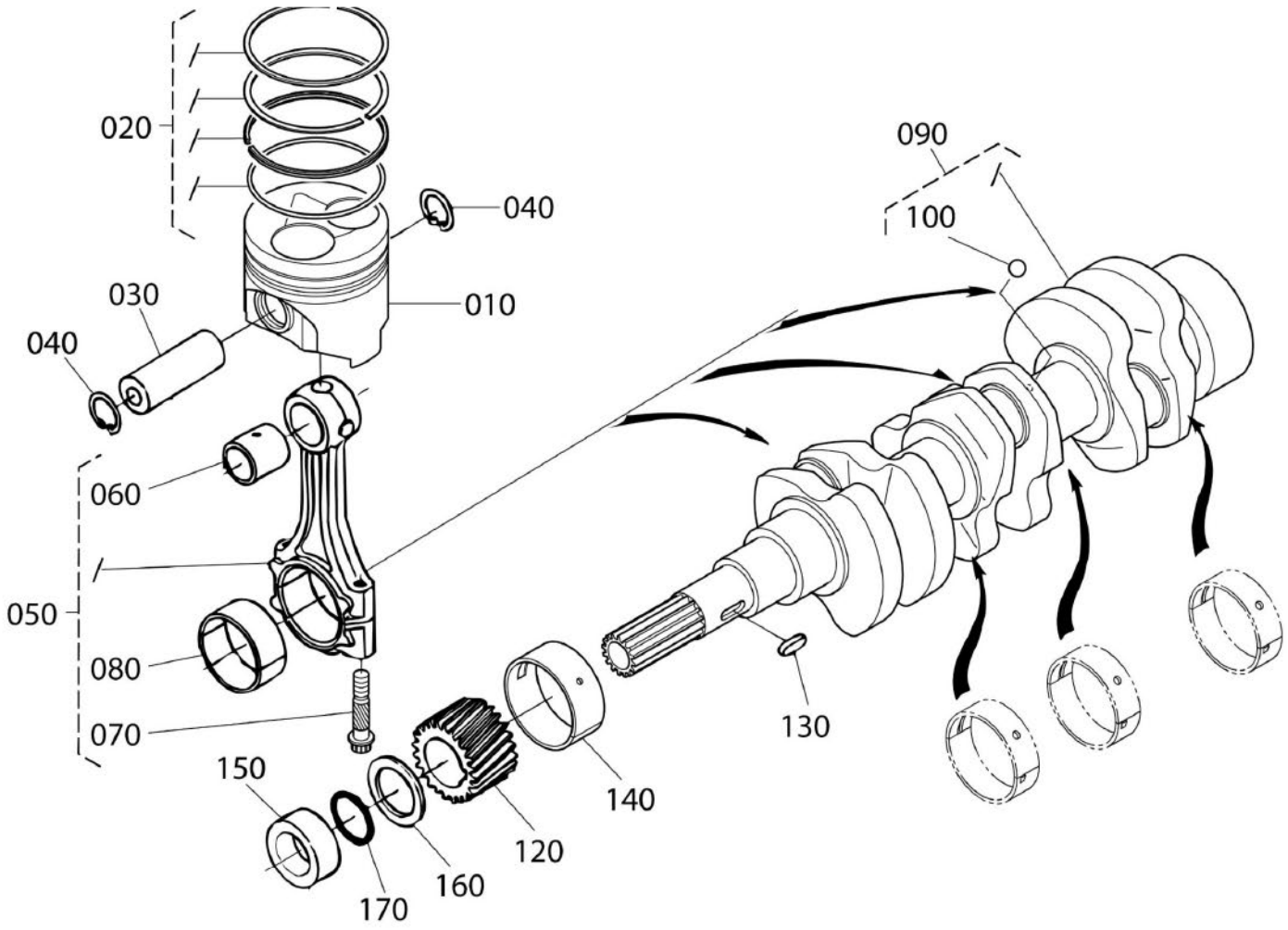
FIGURE 01.18 | Engine

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1015-1038-00**	Tappet
20	1	**1035-9051-00**	Push rod
30	1	**1015-0011-00**	Camshaft assy
50	1	**1099-7001-00**	Ball 1/4
70	1	**1034-9087-00**	Feather key
90	1	**1018-0021-00**	Bolt, sems <=4LRZ999
110	1	**1032-0001-00**	Bushing
150	1	**1018-0011-00**	Bolt flange



PARTS SECTION: 010200 PISTON AND CRANKSHAFT

FIGURE 01.19 | Engine | Parts list on page 26



PARTS SECTION: 010200 PISTON AND CRANKSHAFT

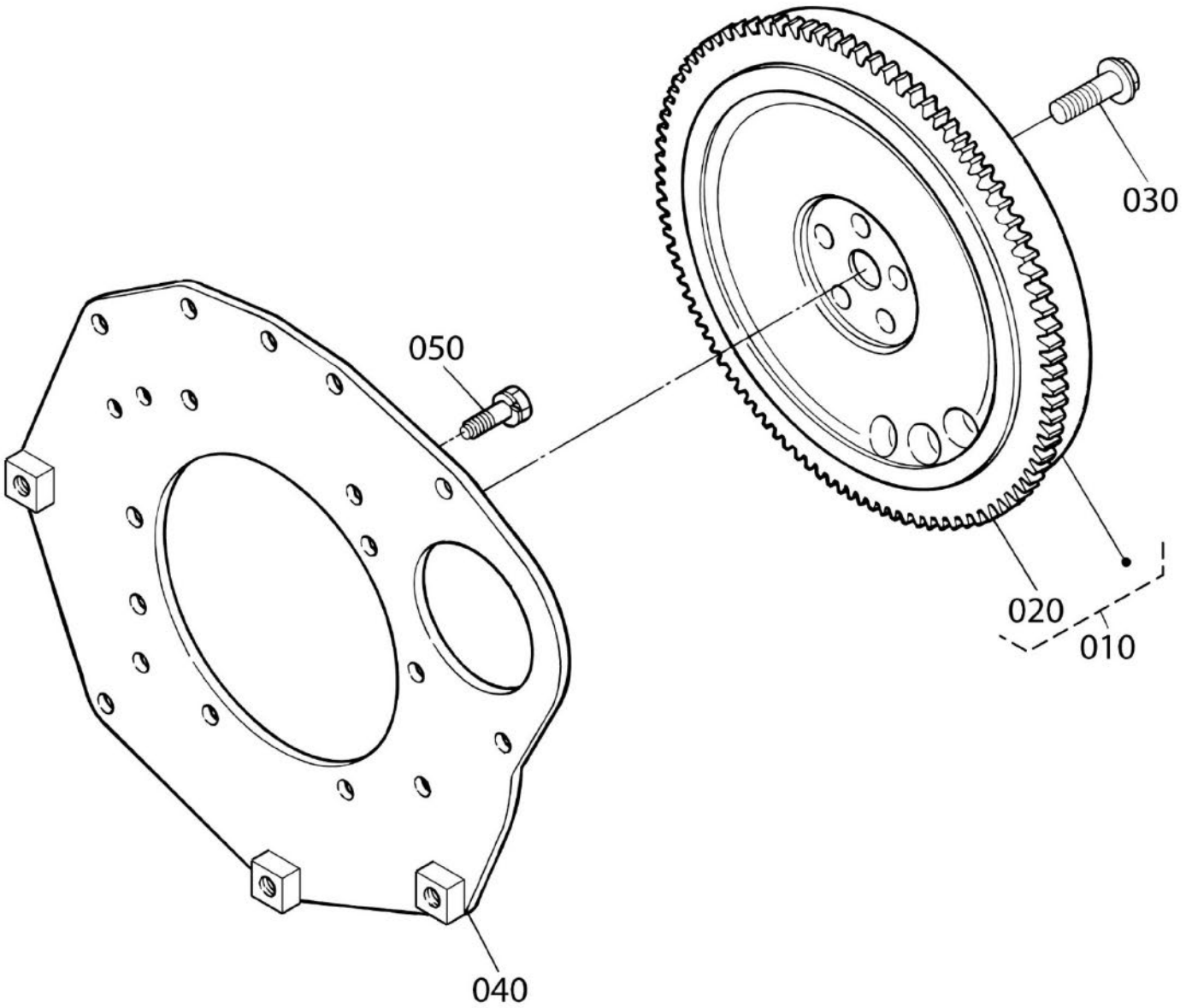
FIGURE 01.19 | Engine | Drawing on page 25

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	0	**1015-1056-00**	Piston
10	0	**1015-1057-00**	Piston 025
20	0	**1015-1058-00**	Ring, piston, assy
20	0	**1015-1059-00**	Ring, piston, assy 025
30	1	**1015-1043-00**	Piston pin
40	1	**1015-0017-00**	Circlip
50	1	**1015-0126-00**	Connecting rod assy
60	1	**1032-9905-00**	Bushing piston pin
70	1	**1015-0131-00**	Bolt connecting rod
80	1	**1010-7005-00**	Connecting rod bearing set standard
80	1	**1010-7006-00**	Connecting rod bearing set -0.20mm
80	1	**1010-7007-00**	Big end bearing set -0.40mm
130	1	**1034-9086-00**	Key, feather
140	1	**1010-7008-00**	Bearing standard
140	1	**1010-7009-00**	Bearing -0.20mm
140	1	**1010-7010-00**	Bearing -0.40mm
150	1	**1015-0147-00**	Collar, crankshaft D902
160	1	**1015-0085-00**	Oil slinger
170	1	**1033-8152-00**	O-ring

PARTS SECTION: 010300 FLYWHEEL

FIGURE 01.20 | Engine

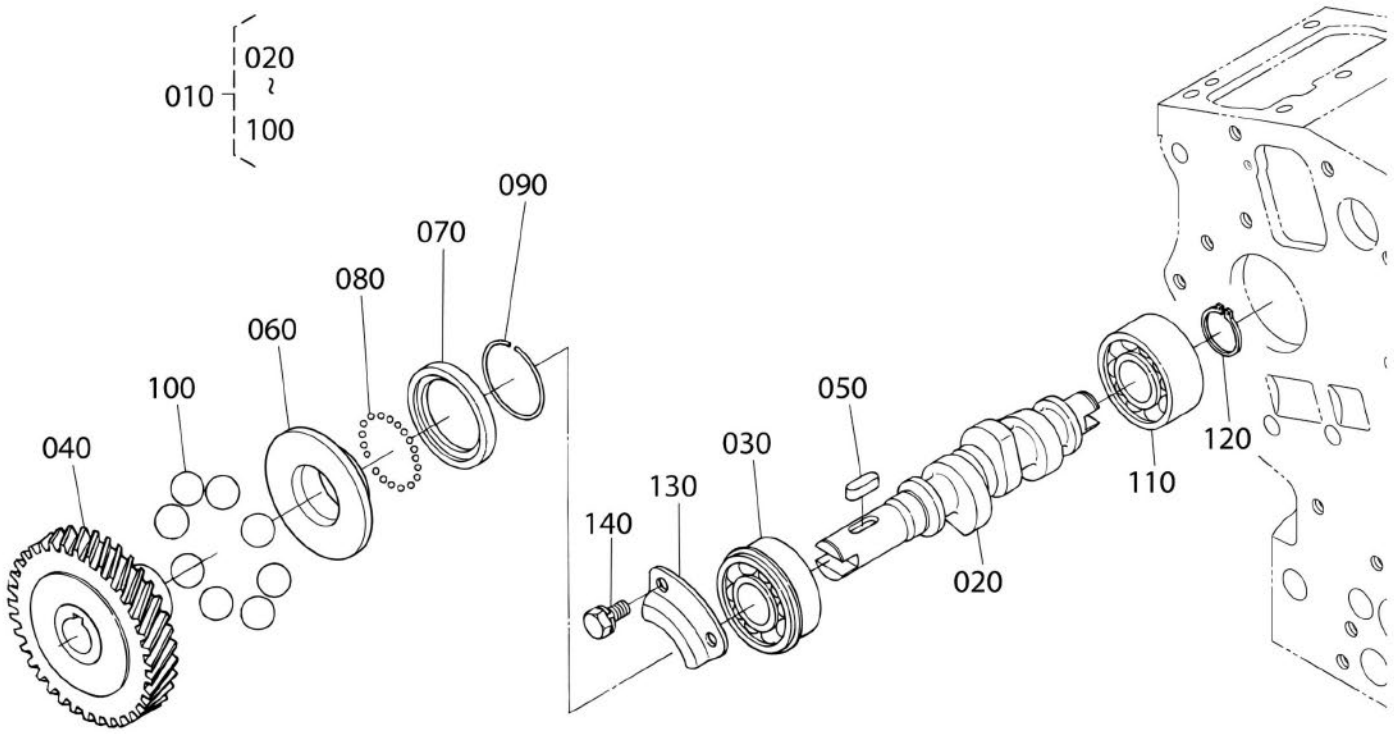
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
30	1	**1018-0012-00**	Bolt flywheel



PARTS SECTION: 010500 CAM AND GOVERNOR SHAFT

FIGURE 01.21 | Engine

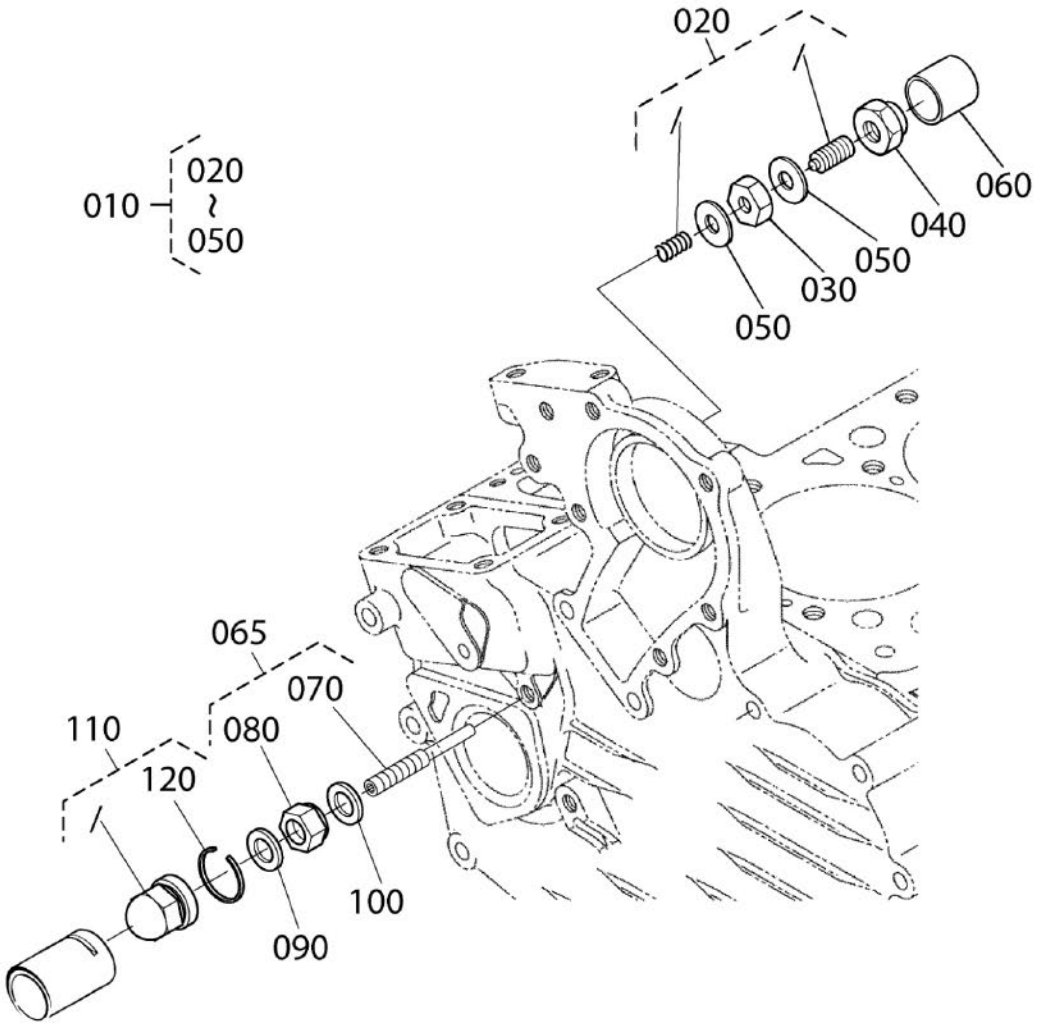
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
20	1	**1018-0021-00**	Bolt, sems <=4LRZ999
50	1	**1034-9086-00**	Key, feather



PARTS SECTION: 018000 IDLE APPARATUS

FIGURE 01.22 | Engine

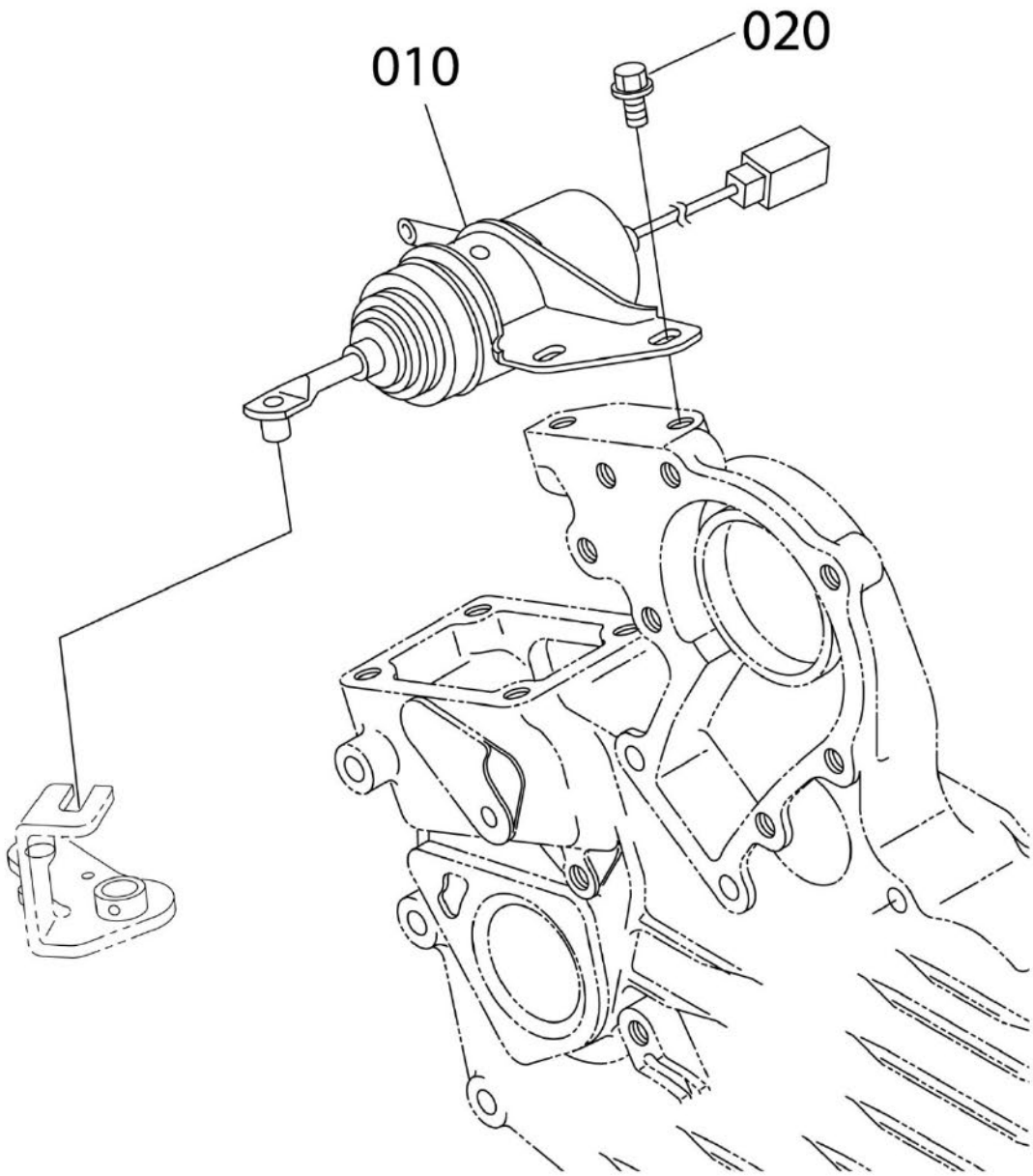
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1015-0134-00**	Assy apparatus idle
20	1	**1018-9008-00**	Assy bolt adjusting
50	1	**1064-9010-00**	Packing
90	1	**1064-9107-00**	Gasket ring
100	1	**1064-9107-00**	Gasket ring



PARTS SECTION: 020100 STOP SOLENOID

FIGURE 01.23 | Engine

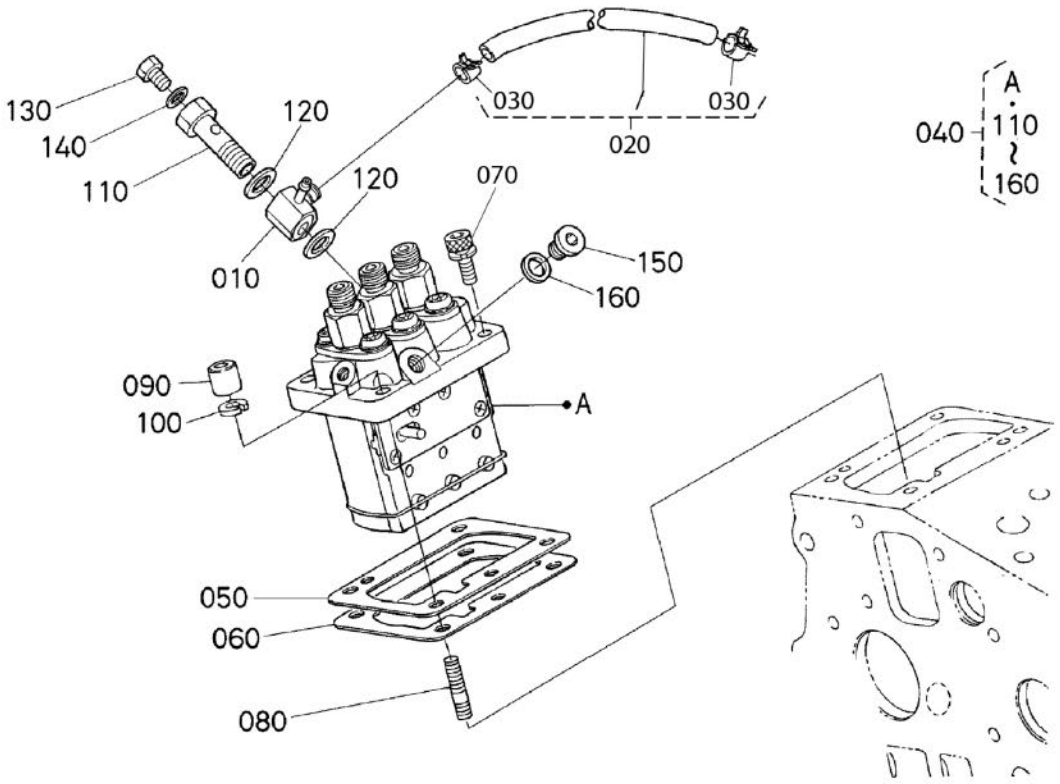
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1		Stop solenoid "Energize to run"
20	2	**1018-0011-00**	Bolt flange



PARTS SECTION: 020200 INJECTION PUMP

FIGURE 01.24 | Engine

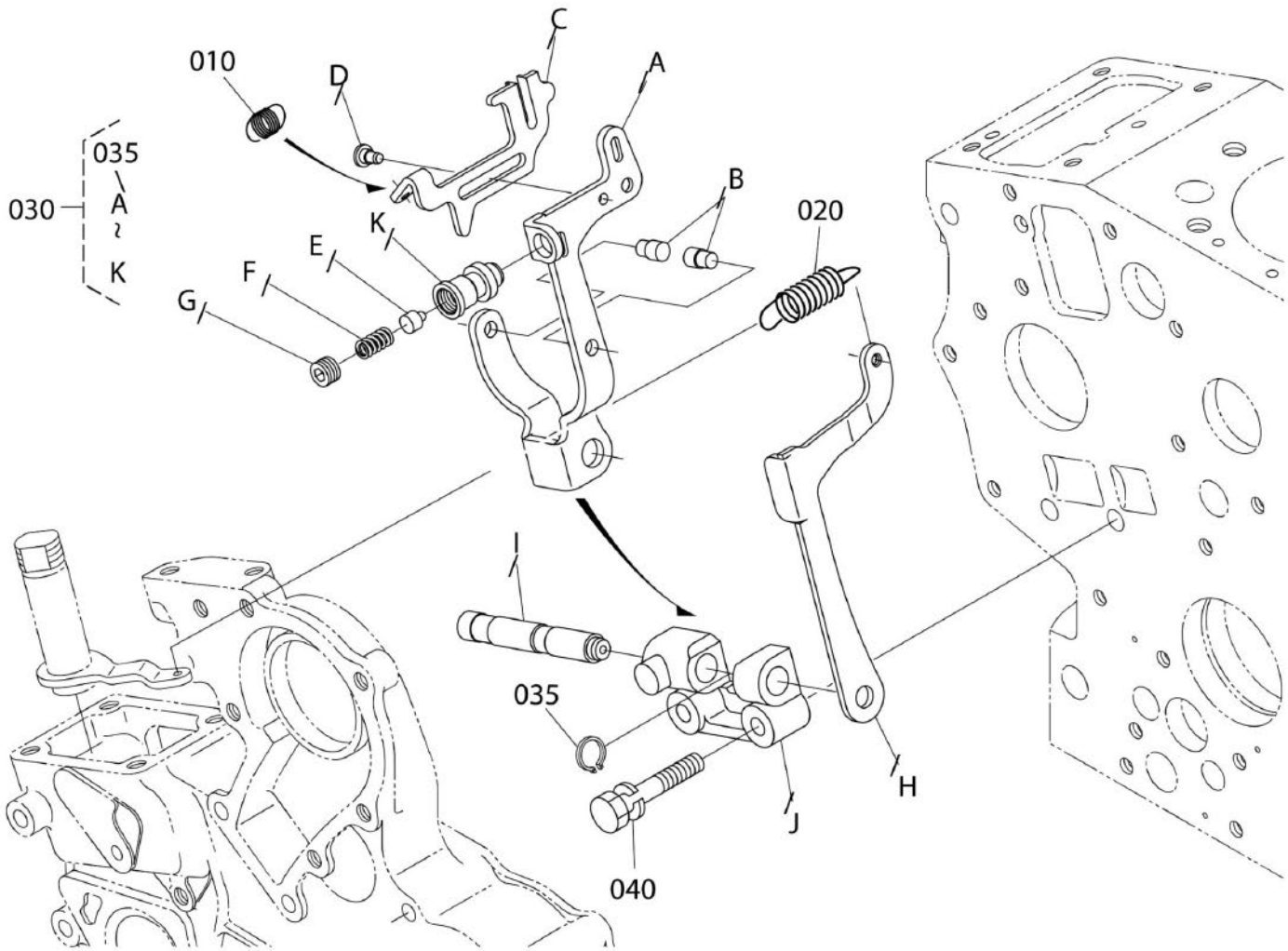
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1027-9002-00**	Fuel pipe assy
40	1	**1057-8135-00**	Injection pump D722/D902
50	1	**1013-9008-00**	Shim 0.2 mm injection pump
50	1	**1013-0071-00**	Shim 0.250mm
60	1	**1013-9009-00**	Shim 0.3 mm injection pump
60	1	**1013-0072-00**	Shim 0.350mm
120	1	**1064-9111-00**	Gasket ring
130	1	**1018-9013-00**	Bolt
140	1	**1064-9109-00**	Gasket ring



PARTS SECTION: 020400 GOVERNOR

FIGURE 01.25 | Engine

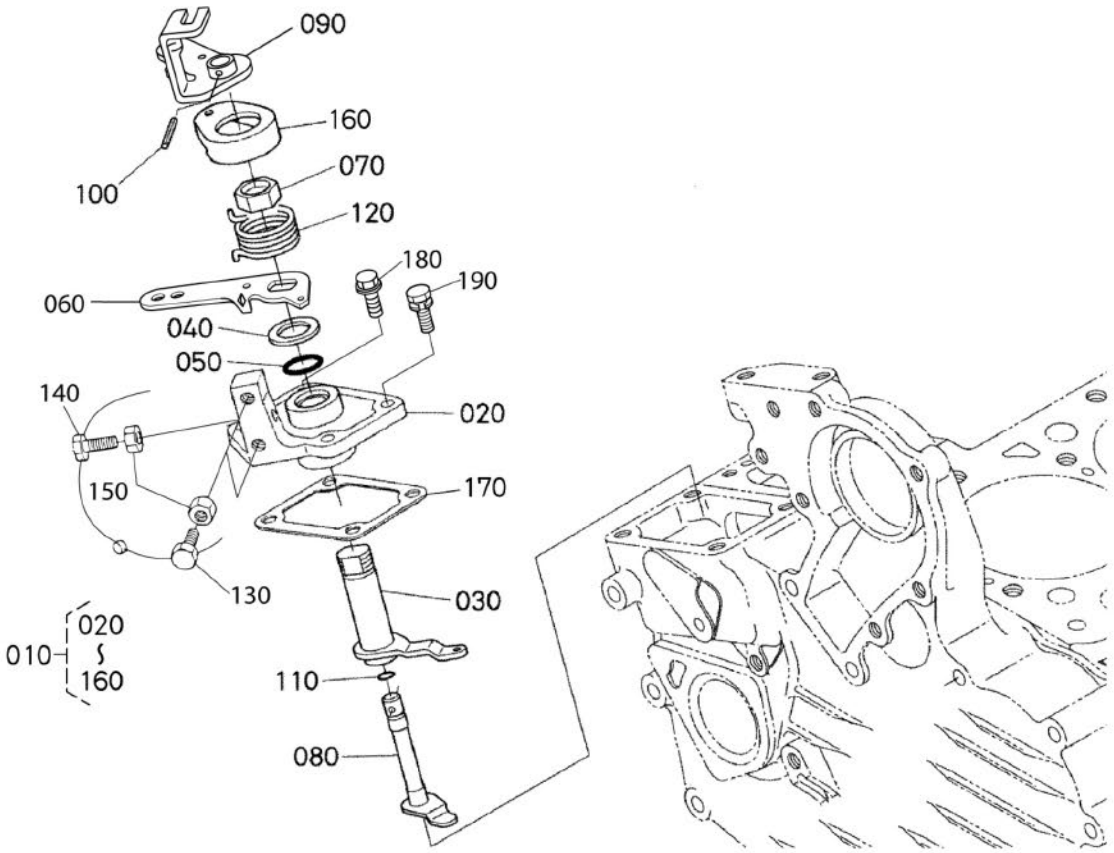
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
20	1	**1040-7002-00**	Spring start



PARTS SECTION: 020500 SPEED CONTROL PLATE

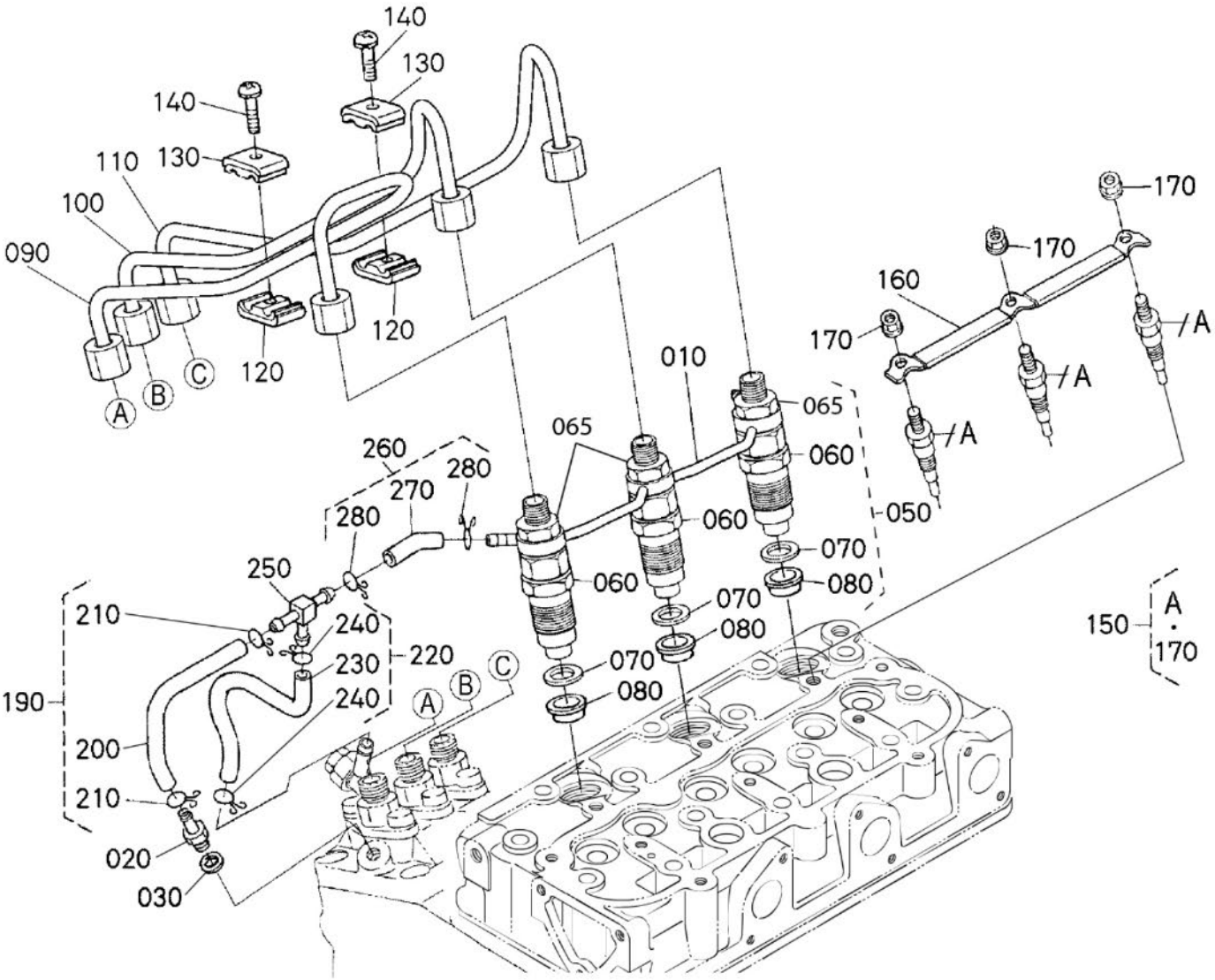
FIGURE 01.26 | Engine

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1026-9003-00**	Speed control plate complete
10	1	**1026-0055-00**	Speed control plate
50	1	**1033-8052-00**	O-ring
60	1	**1031-9083-00**	Throttle lever series 02
110	1	**1033-8151-00**	O-ring
120	1	**1040-7101-00**	Return spring
170	1	**1064-9108-00**	Gasket speed control plate
180	1	**1018-0018-00**	Bolt, flange



PARTS SECTION: 020600 NOZZLE AND GLOW PLUG

FIGURE 01.27 | Engine | Parts list on page 35



PARTS SECTION: 020600 NOZZLE AND GLOW PLUG

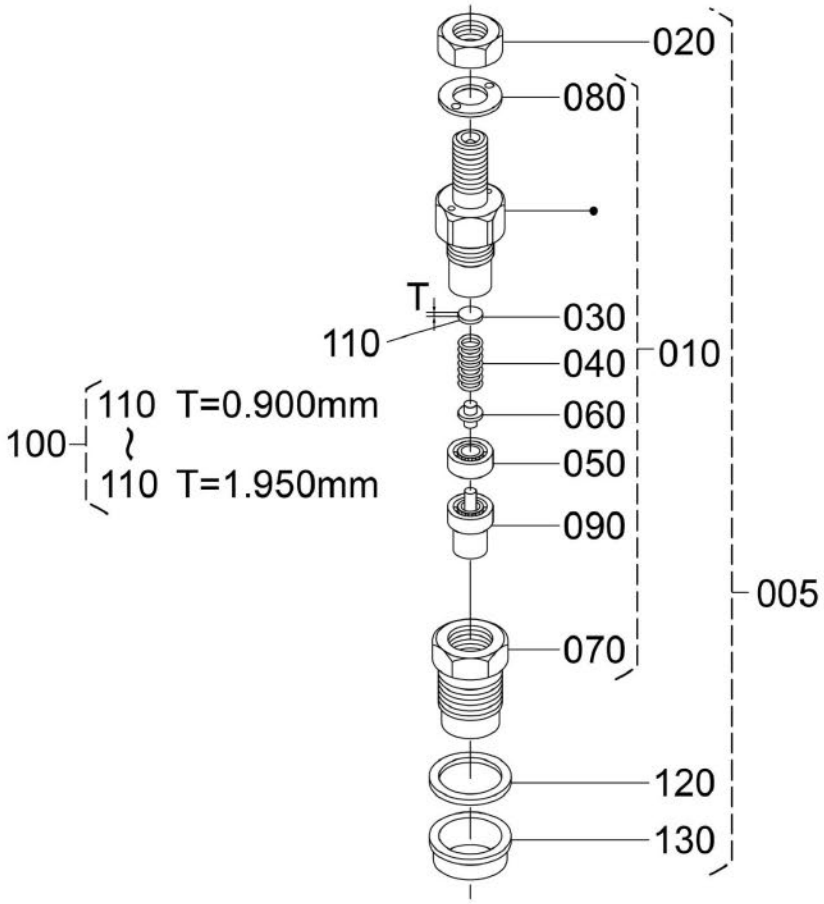
FIGURE 01.27 | Engine | Drawing on page 34

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1027-9006-00**	Overflow pipe D902
20	1	**1024-9116-00**	Screw bleeder
30	1	**1064-9107-00**	Gasket ring
50	1	**1015-1025-00**	Injector kit
60	1	**1015-0123-00**	Injector holder
65	1	**1013-0011-00**	Nut
70	1	**1015-0173-00**	Fuel nozzle gasket 05-engine
80	1	**1064-9106-00**	Gasket, heat
90	1	**1015-0097-00**	Pipe 1 injection
100	1	**1015-0098-00**	Pipe 2 injection
110	1	**1015-0099-00**	Pipe 3 injection
120	1	**1052-8104-00**	Clamp pipe
130	1	**1052-8010-00**	Clamp, fuel pipe
140	1	**1024-9918-00**	Screw, SEMS
150	1	**1085-8001-00**	Glow plug
170	1	**1013-0017-00**	Nut flange
190	1	**1027-9106-00**	Pipe fuel assy
220	1	**1027-9004-00**	Tube fuel assy
250	1	**1027-9105-00**	T-pipe connector
260	1	**1027-9003-00**	Tube fuel assy

PARTS SECTION: 020700 NOZZLE HOLDER

FIGURE 01.28 | Engine

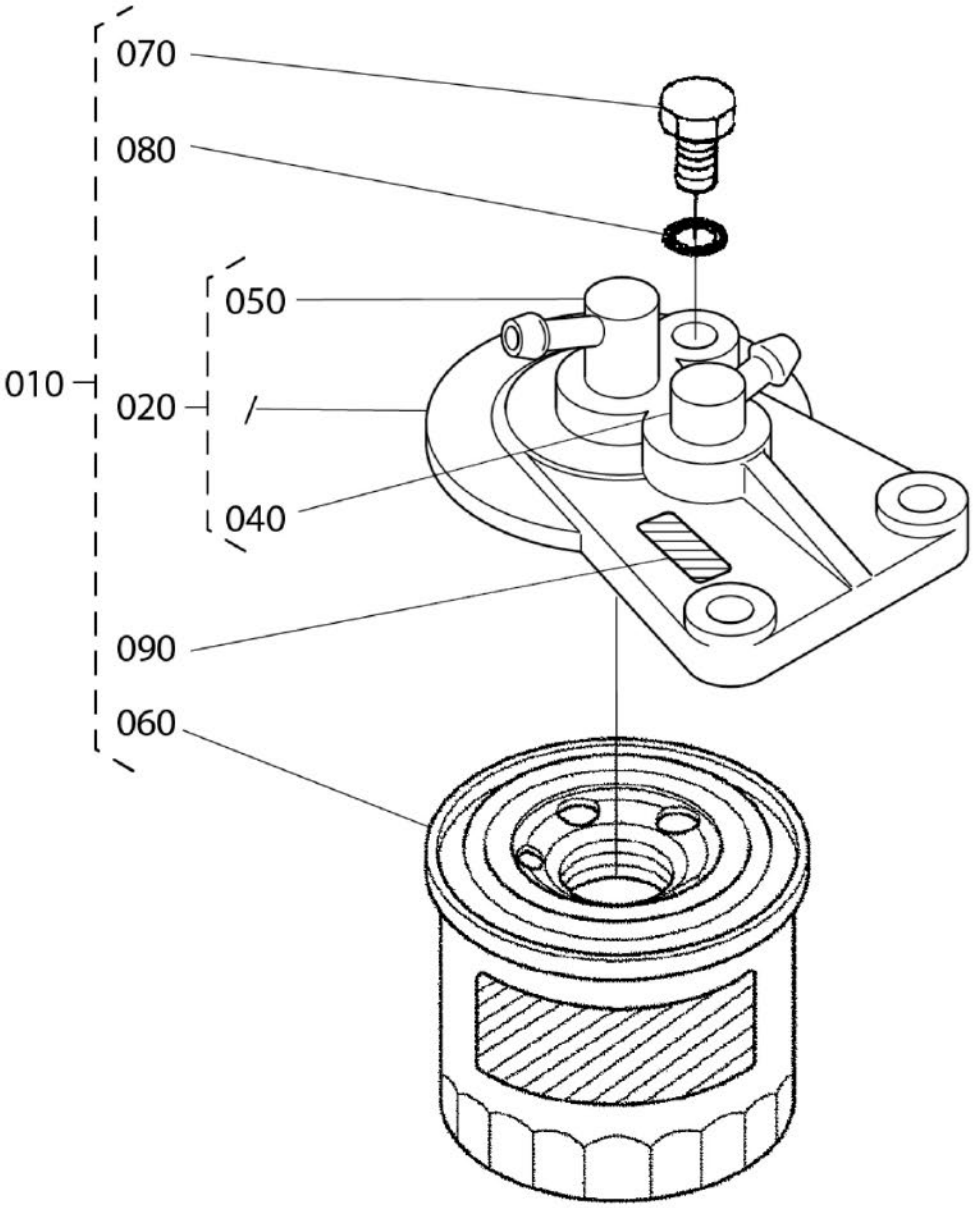
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
5	1	**1015-1025-00**	Injector kit
10	1	**1015-0123-00**	Injector holder
20	1	**1013-0011-00**	Nut
80	1	**1019-0021-00**	Gasket ring D1105/V1505
100	1	**1019-0034-00**	Assy washer adjust
120	1	**1015-0173-00**	Fuel nozzle gasket 05-engine
130	1	**1064-9106-00**	Gasket, heat



PARTS SECTION: 030000 FUEL FILTER

FIGURE 01.29 | Engine

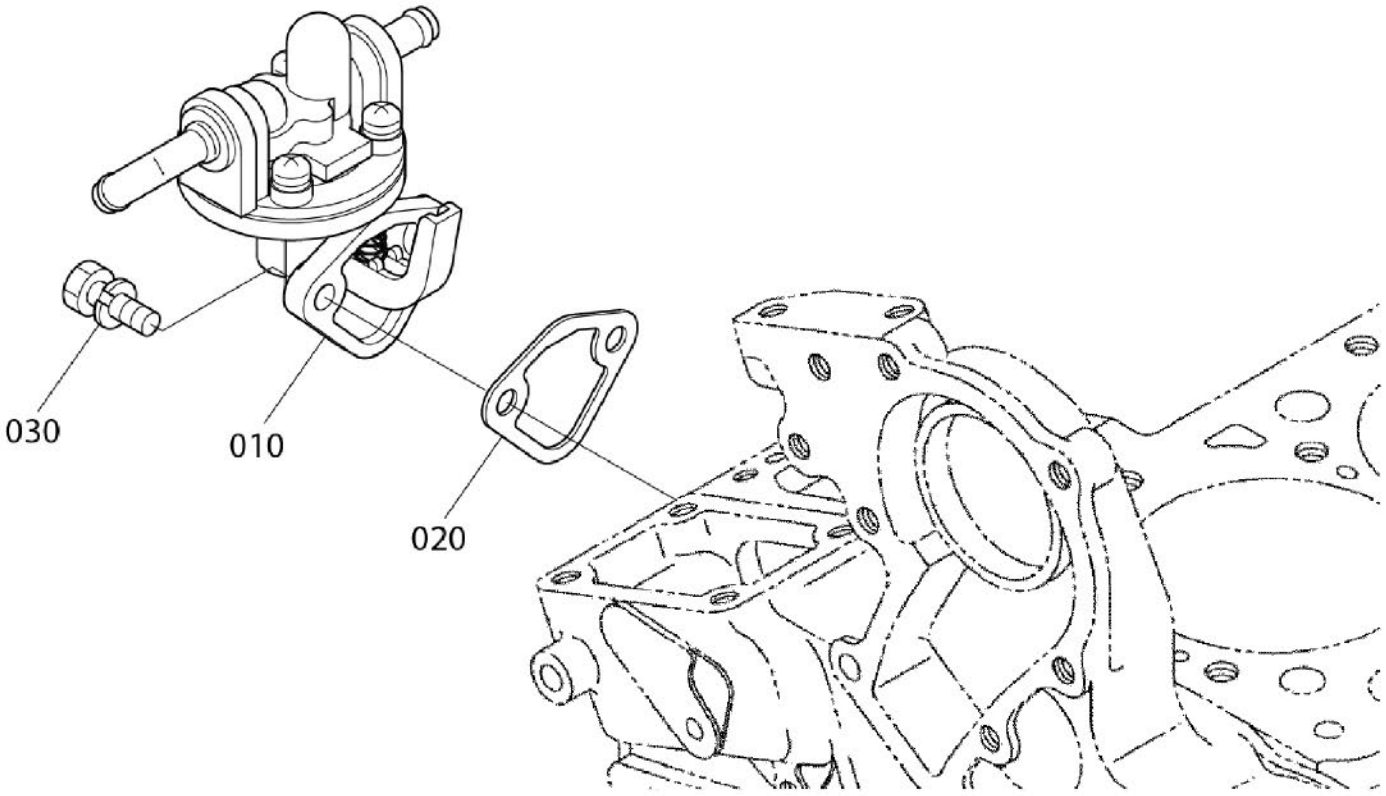
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1063-0008-00**	Fuel filter housing + fuel filter
60	1	**1063-9013-00**	Fuel filter



PARTS SECTION: 030100 FUEL PUMP

FIGURE 01.30 | Engine

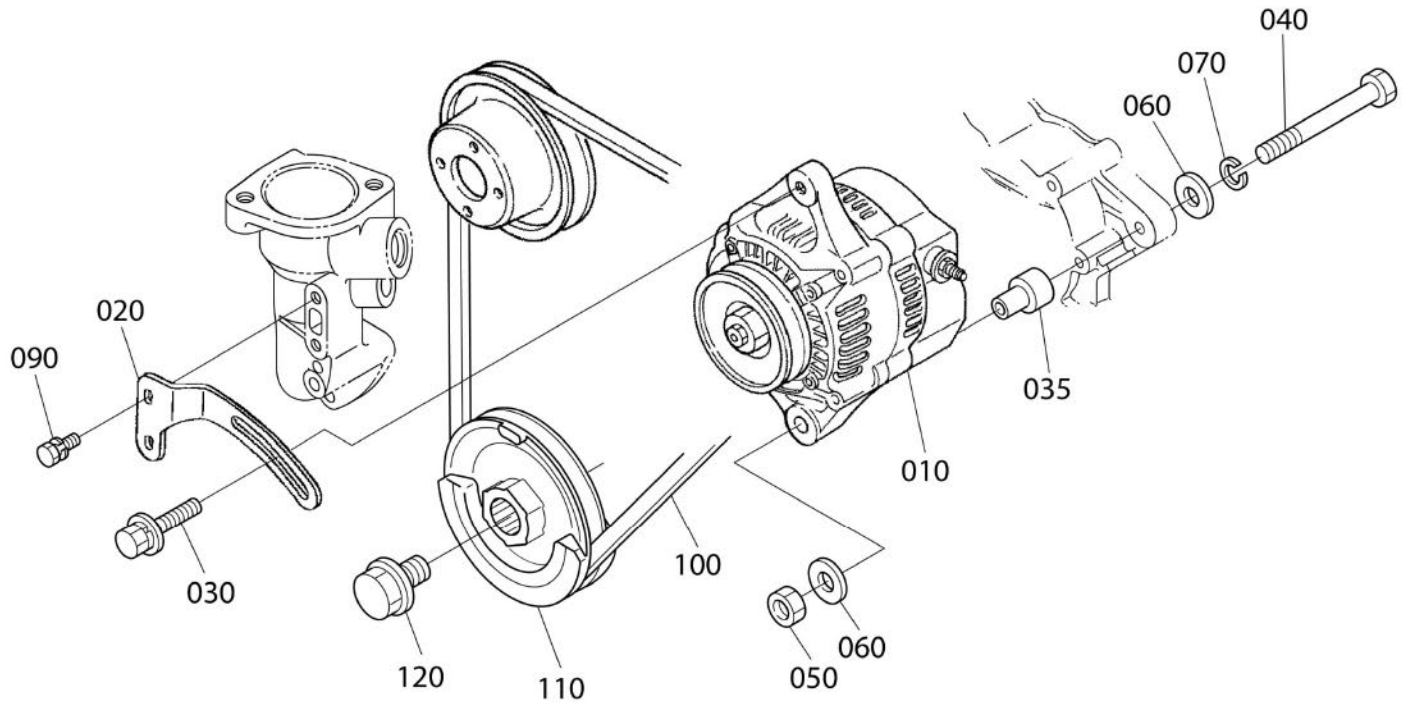
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1057-8939-00**	Fuel pump Mini series
20	1	**1057-8134-00**	Seal fuel pump Kubota



PARTS SECTION: 040200 ALTERNATOR AND PULLEY

FIGURE 01.31 | Engine

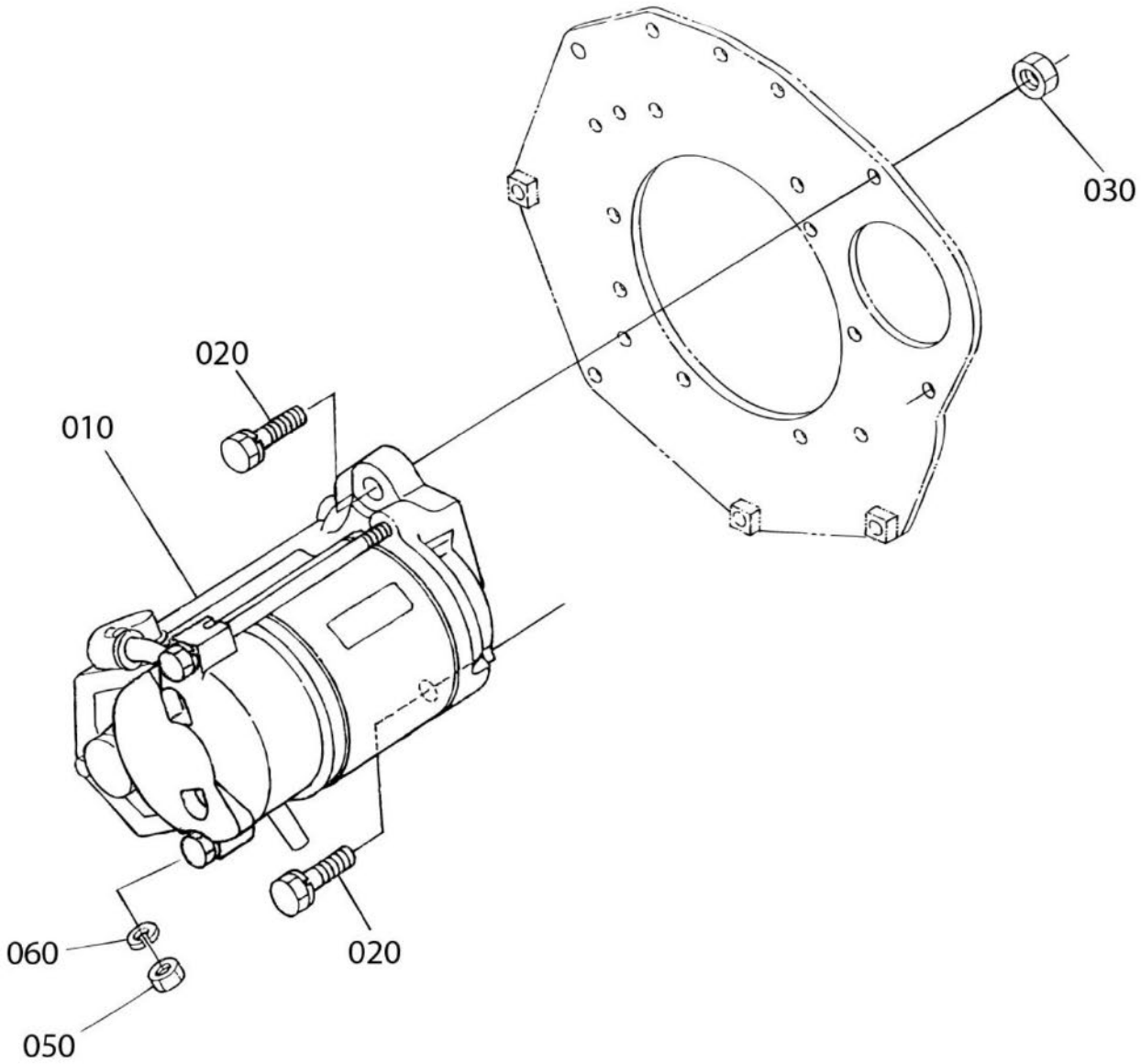
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1083-4051-00**	Alternator 40A 05-engine
20	1	**1083-4052-00**	Support for alternator D722/D902
30	1	**1018-9014-00**	Bolt
50	1	**1013-9007-00**	Nut
60	1	**1019-0032-00**	Washer
70	1	**1019-0029-00**	Washer spring lock
100	1	**1041-0001-00**	V-belt D902
110	1	**1029-8022-00**	Crankshaft pulley



PARTS SECTION: 040400 STARTER

FIGURE 01.32 | Engine

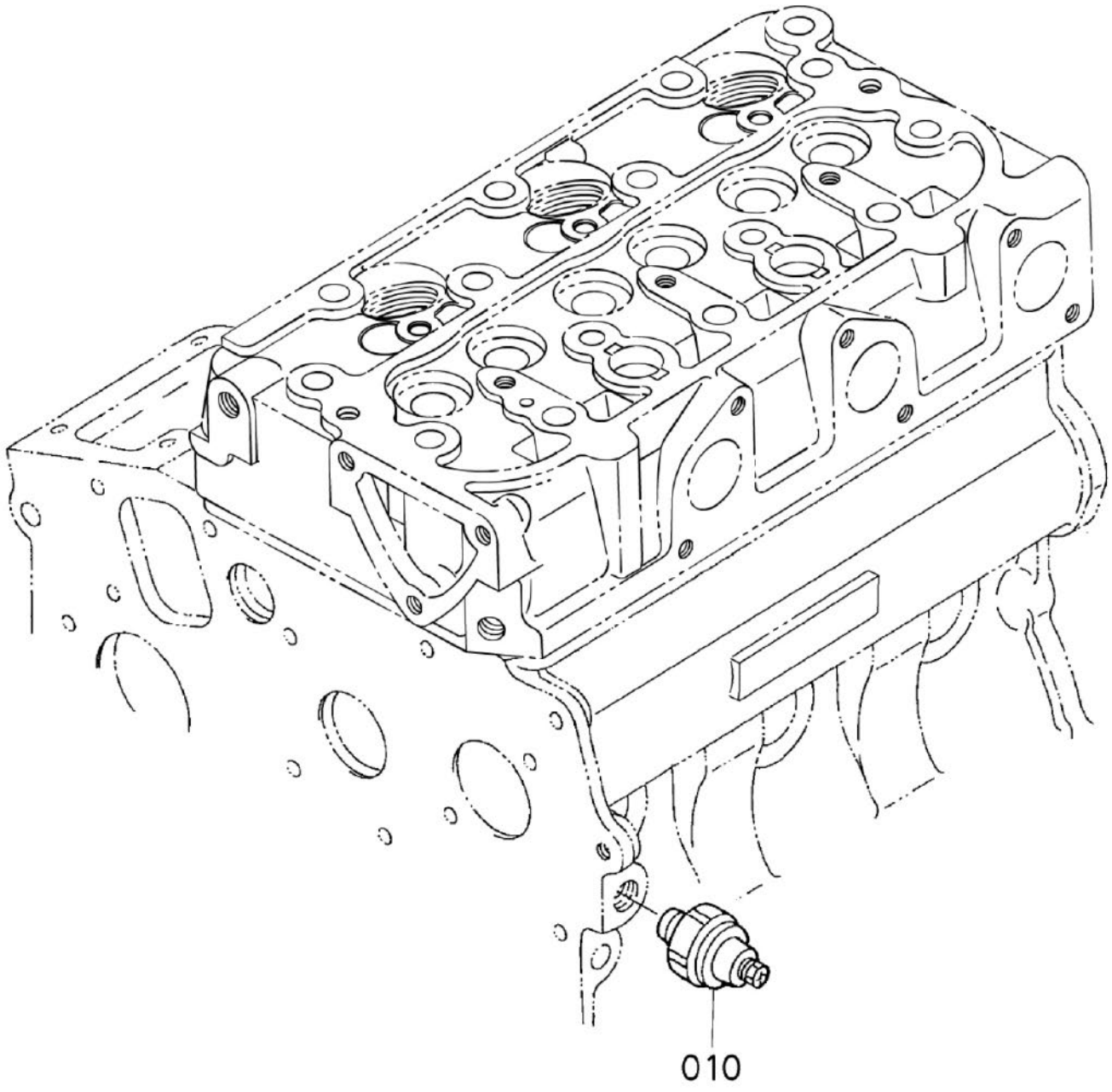
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1082-2051-00**	Starter 1.4 kW
50	1	**1013-9007-00**	Nut
60	1	**1019-0029-00**	Washer spring lock



PARTS SECTION: 040600 OIL SWITCH

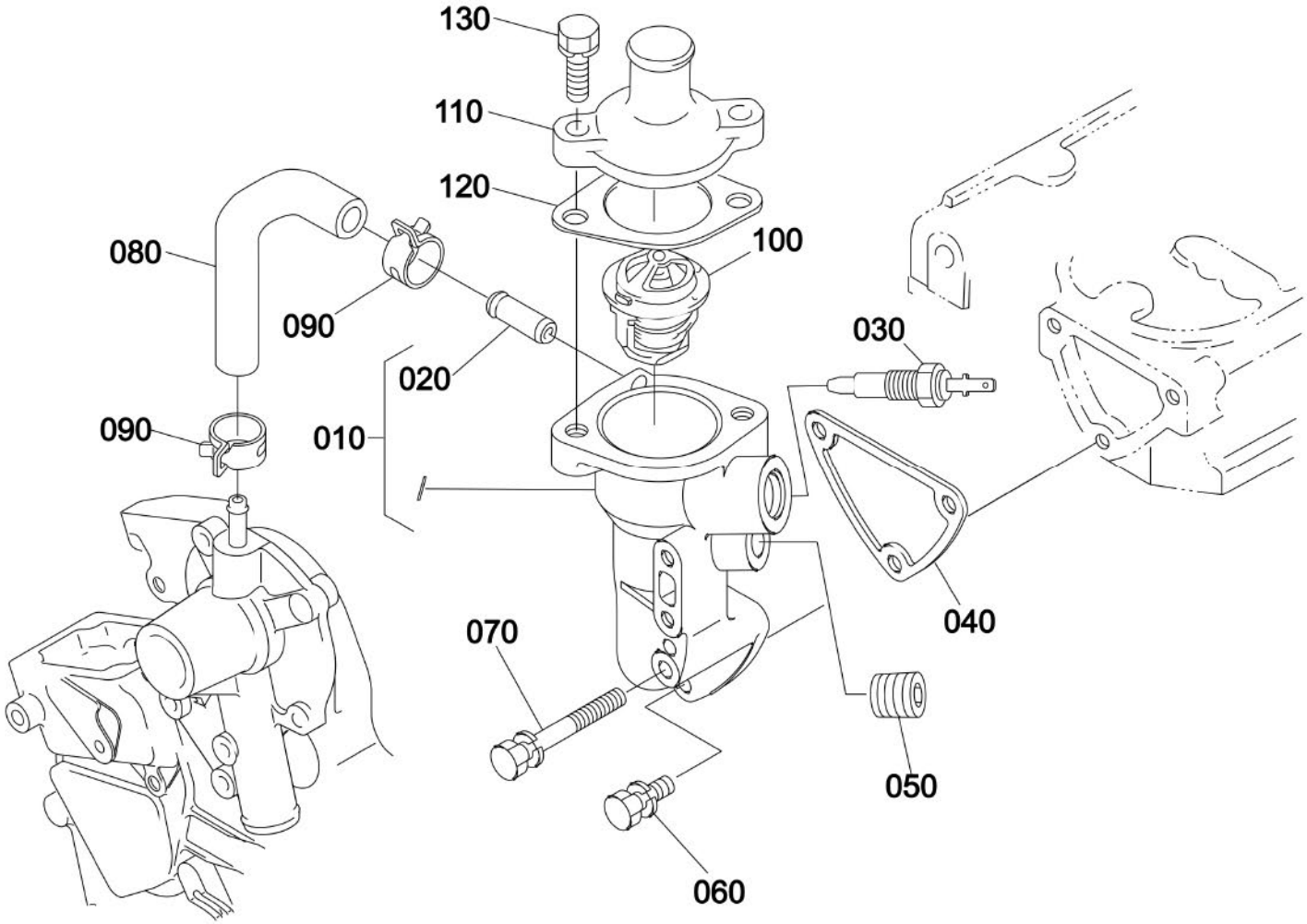
FIGURE 01.33 | Engine

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1042-9054-00**	Oil pressure switch for 03+05 engines



PARTS SECTION: 050000 FLANGE AND THERMOSTAT

FIGURE 01.34 | Engine | Parts list on page 43



PARTS SECTION: 050000 FLANGE AND THERMOSTAT

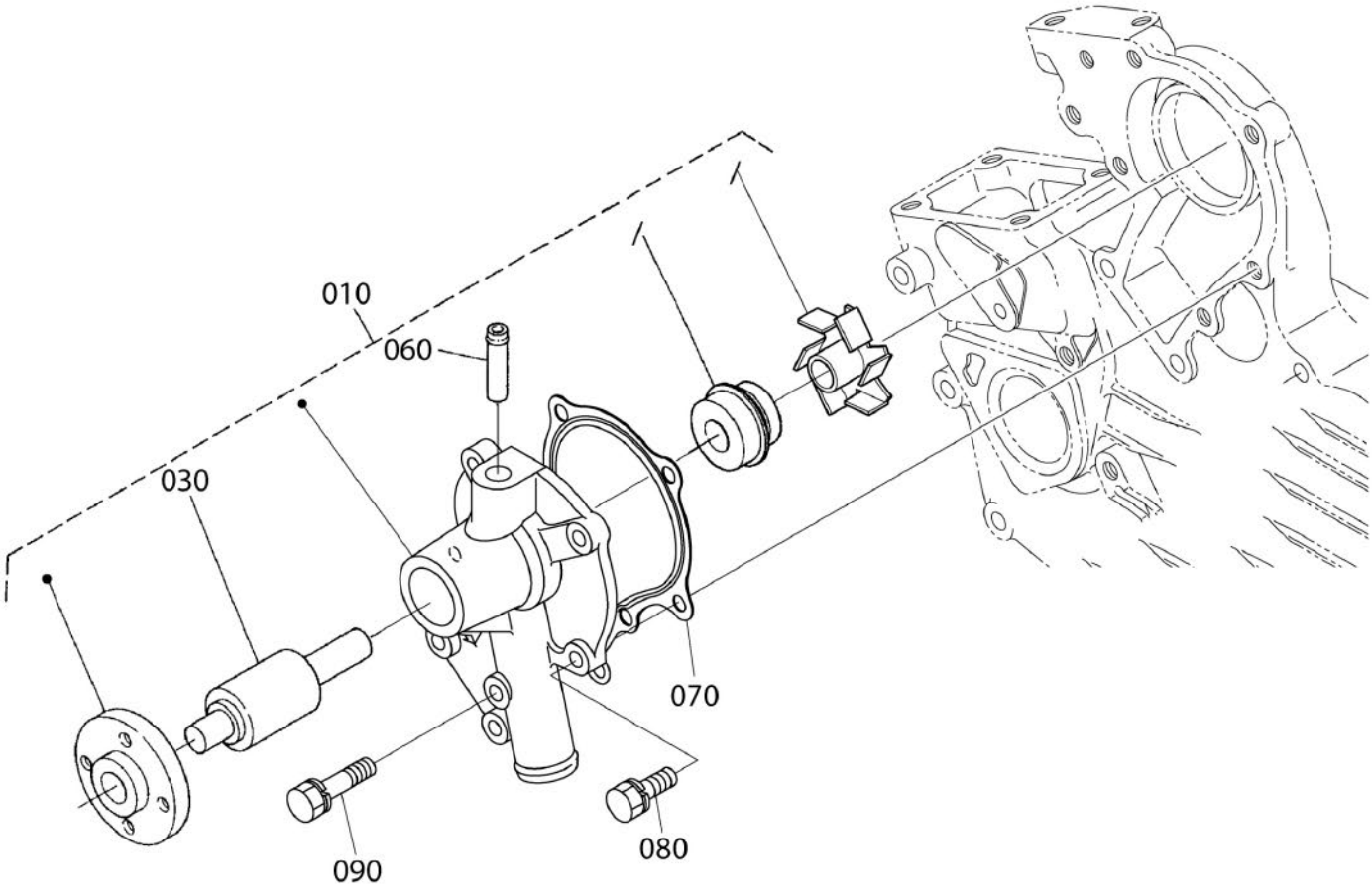
FIGURE 01.34 | Engine | Drawing on page 42

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
20	1	**1027-9104-00**	Pipe breather
30	1	**1042-9052-00**	Temperature sensor Kubota 05 series yellow
40	1	**1015-0231-00**	Gasket
50	1	**1050-9118-00**	Plug
70	1	**1018-0013-00**	Bolt sems
80	1	**1027-9005-00**	Water return pipe
90	1	**1052-8004-00**	Clamp, hose
100	1	**1015-0142-00**	Thermostat Kubota 05- series
110	1	**1014-0002-00**	Cover thermostat
110	1		Thermostat cover
120	1	**1015-0133-00**	Seal thermostat 05/03-series

PARTS SECTION: 050100 WATER PUMP

FIGURE 01.35 | Engine

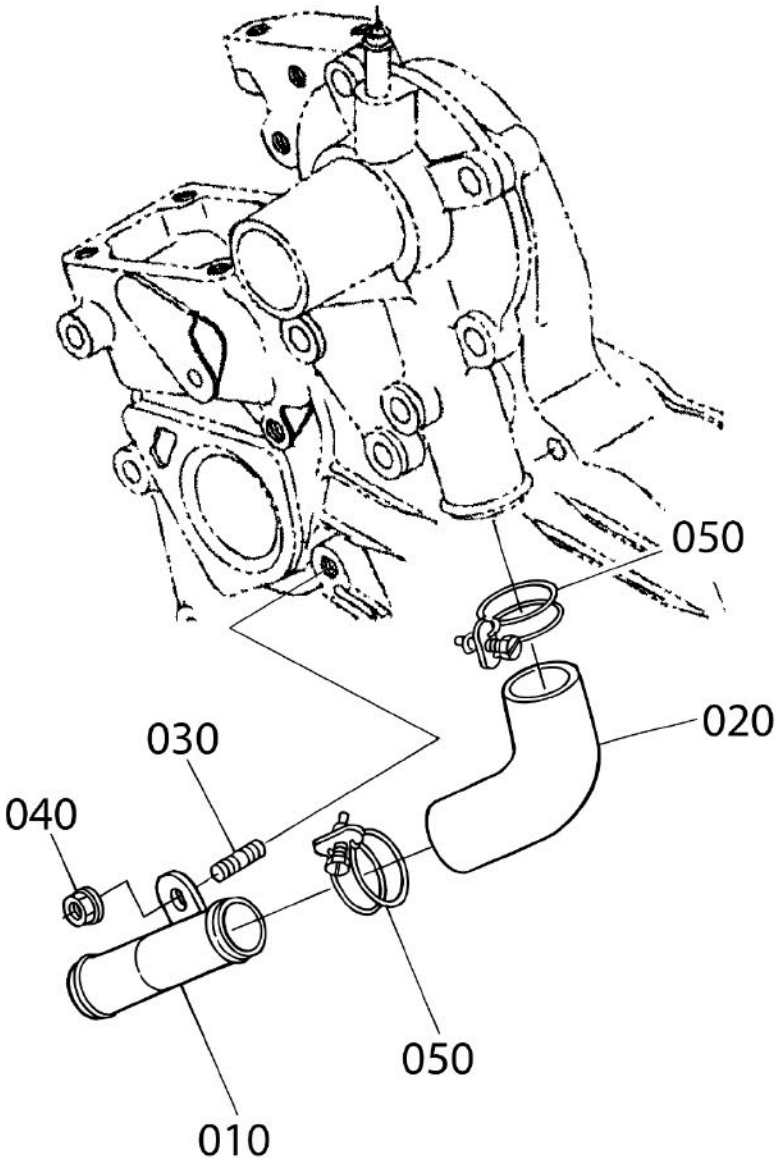
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1		Water pump Kubota D902
70	1	**1064-9110-00**	Gasket water pump
80	1	**1018-0016-00**	Bolt sems
90	1	**1018-0023-00**	Bolt. sems



PARTS SECTION: 050300 WATER PIPE

FIGURE 01.36 | Engine

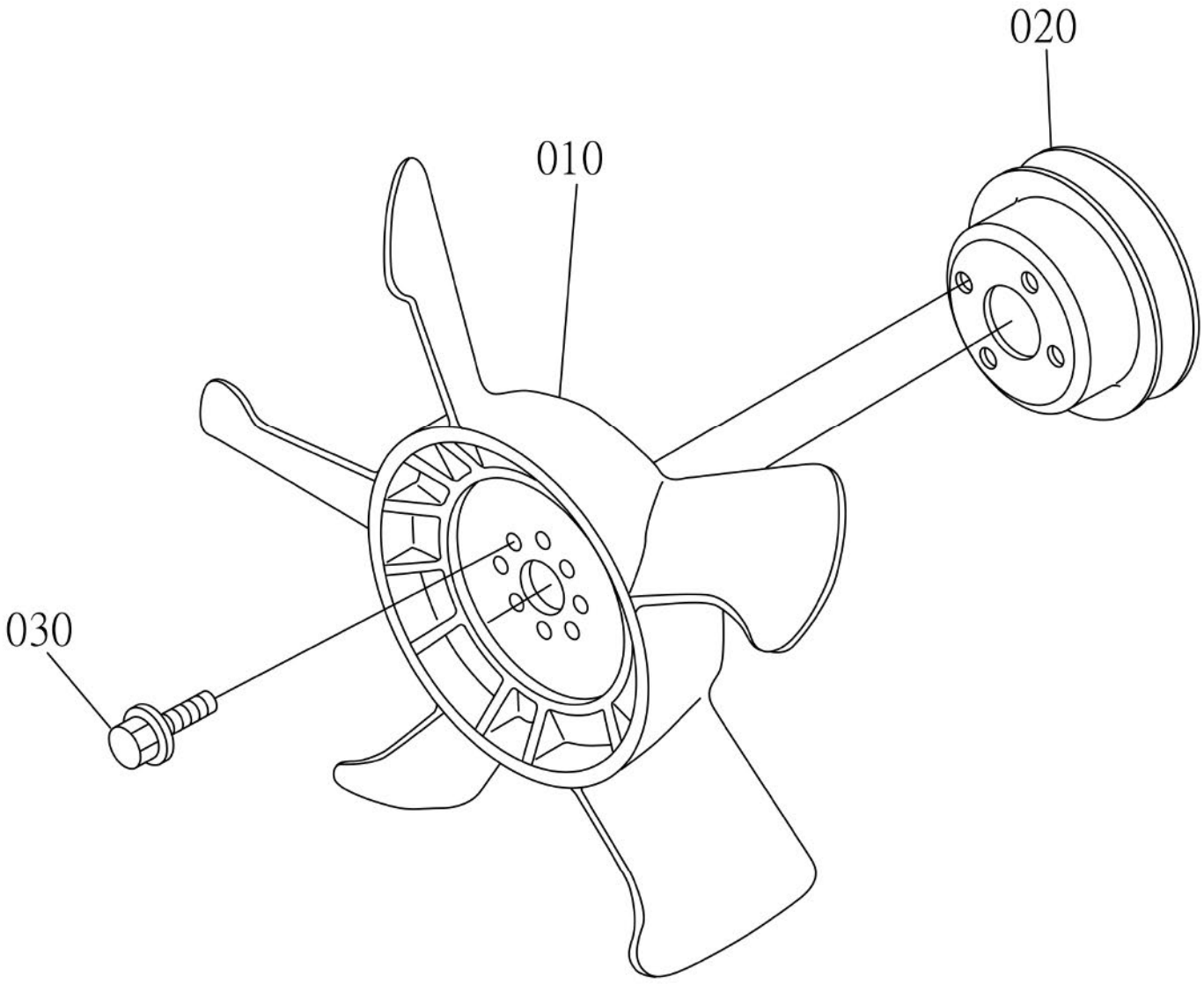
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
20	1	**1054-8120-00**	Hose water
40	1	**1013-9010-00**	Nut
50	1	**1052-8005-00**	Band clamp



PARTS SECTION: 050400 FAN

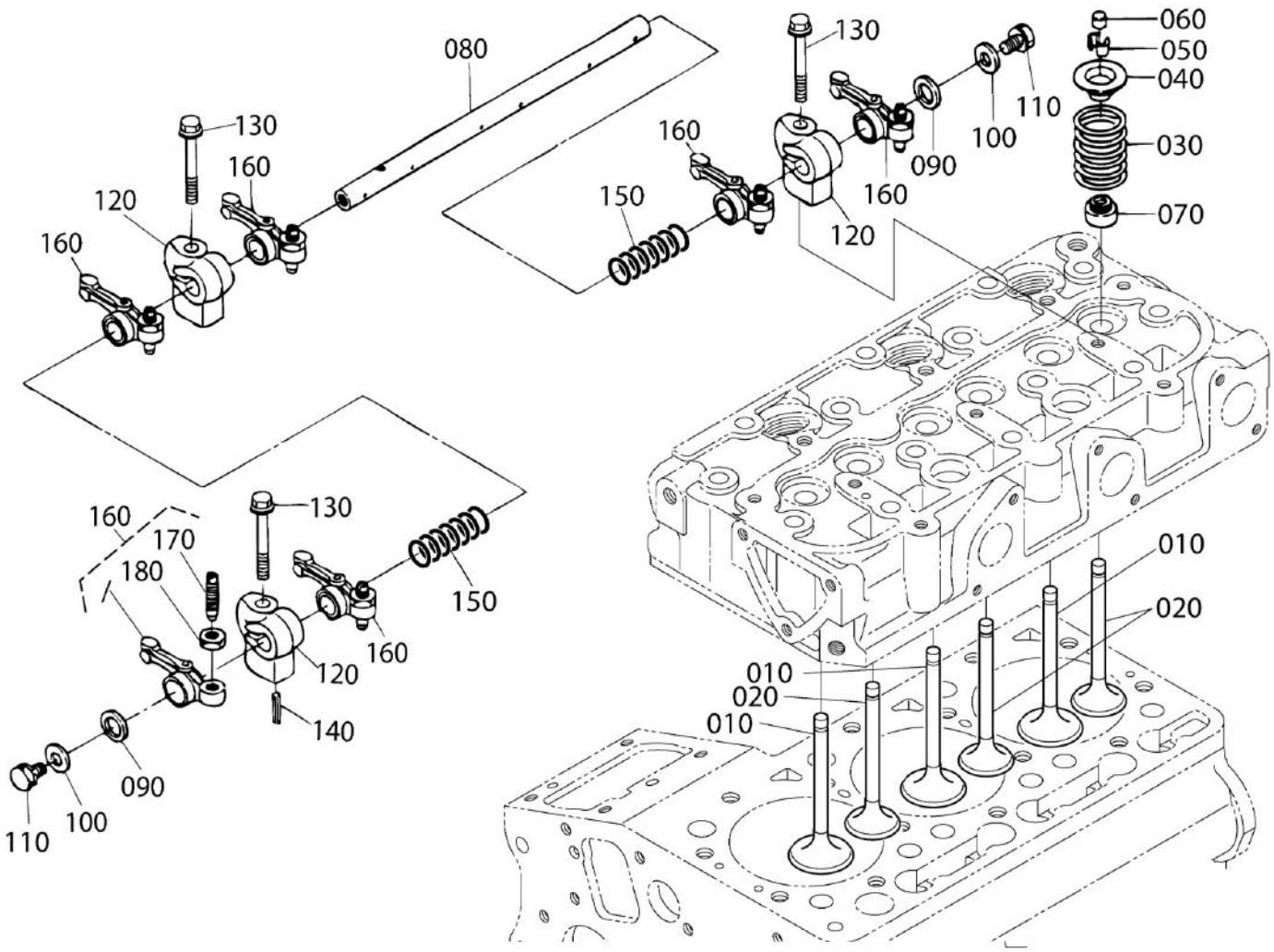
FIGURE 01.37 | Engine

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
20	1	**1029-8021-00**	Pulley fan D722
30	1		Bolt flange



PARTS SECTION: 060000 VALVE AND ROCKER ARM

FIGURE 01.38 | Engine | Parts list on page 48



PARTS SECTION: 060000 VALVE AND ROCKER ARM

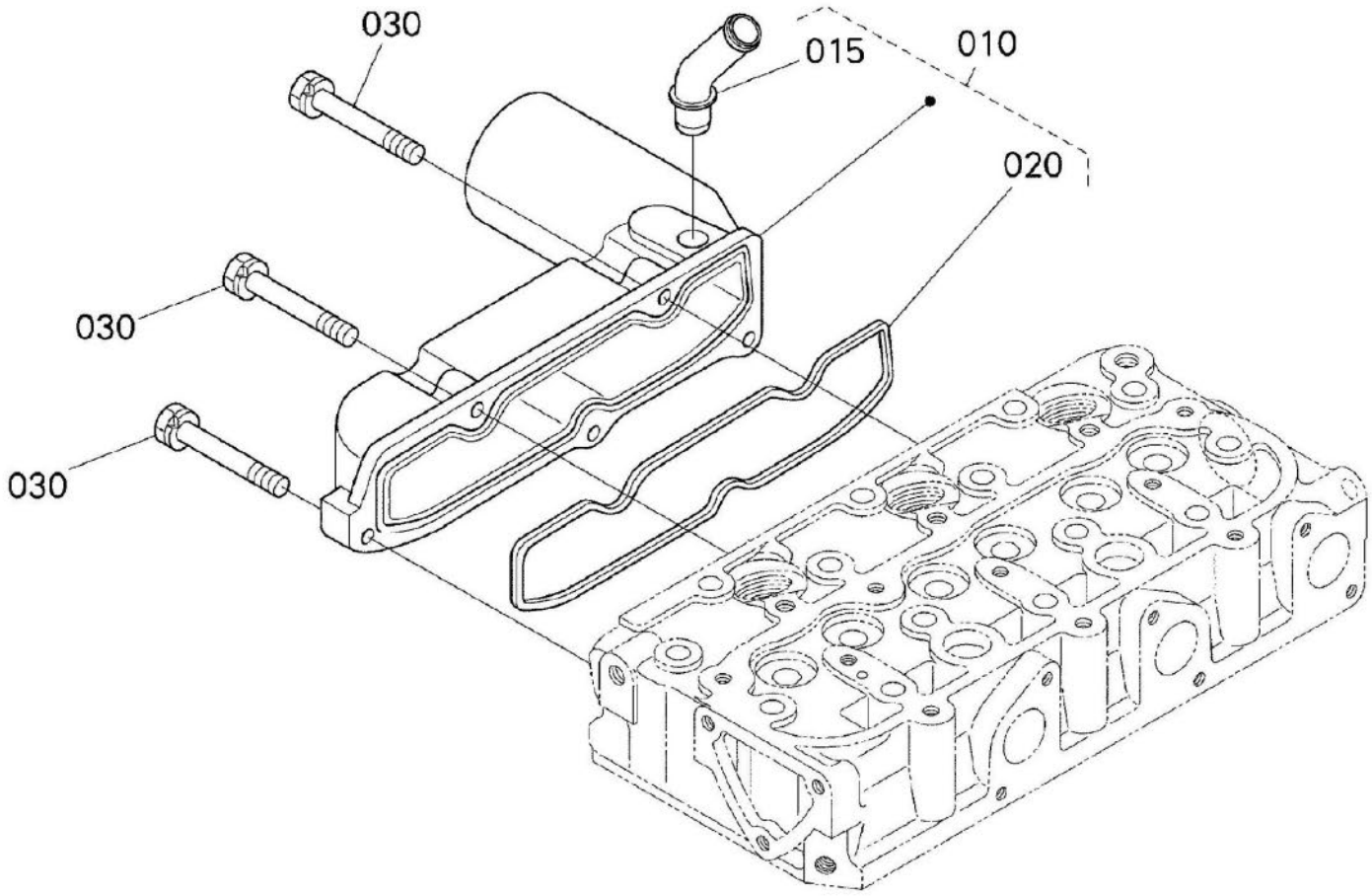
FIGURE 01.38 | Engine | Drawing on page 47

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
30	1	**1040-7103-00**	Valve spring
40	1	**1015-0073-00**	Valve spring retainer
50	1	**1015-0323-00**	Valve spring collet
60	1	**1015-1033-00**	Valve cap
70	1	**1033-8054-00**	Valve seal
90	1	**1013-0033-00**	Washer
100	1	**1019-0033-00**	Washer
110	1	**1018-0014-00**	Bolt sems
130	1	**1018-0019-00**	Bolt, flange
140	1	**1020-0009-00**	Pin
160	1	**1015-1034-00**	Rocker arm assy

PARTS SECTION: 060100 INLET MANIFOLD

FIGURE 01.39 | Engine

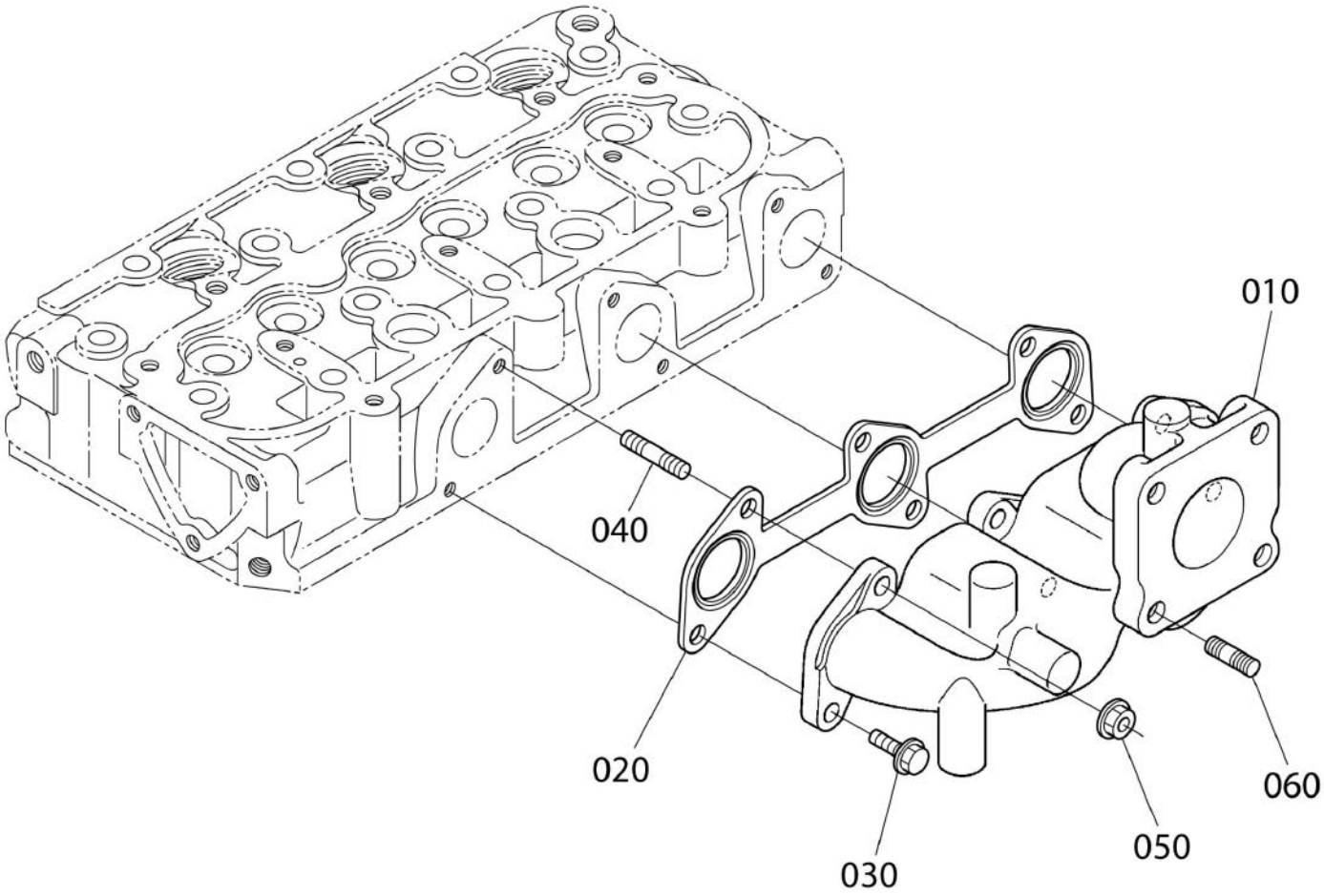
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1055-8024-00**	Inlet manifold
20	1	**1064-9009-00**	Gasket manifold inlet



PARTS SECTION: 060200 EXHAUST MANIFOLD

FIGURE 01.40 | Engine

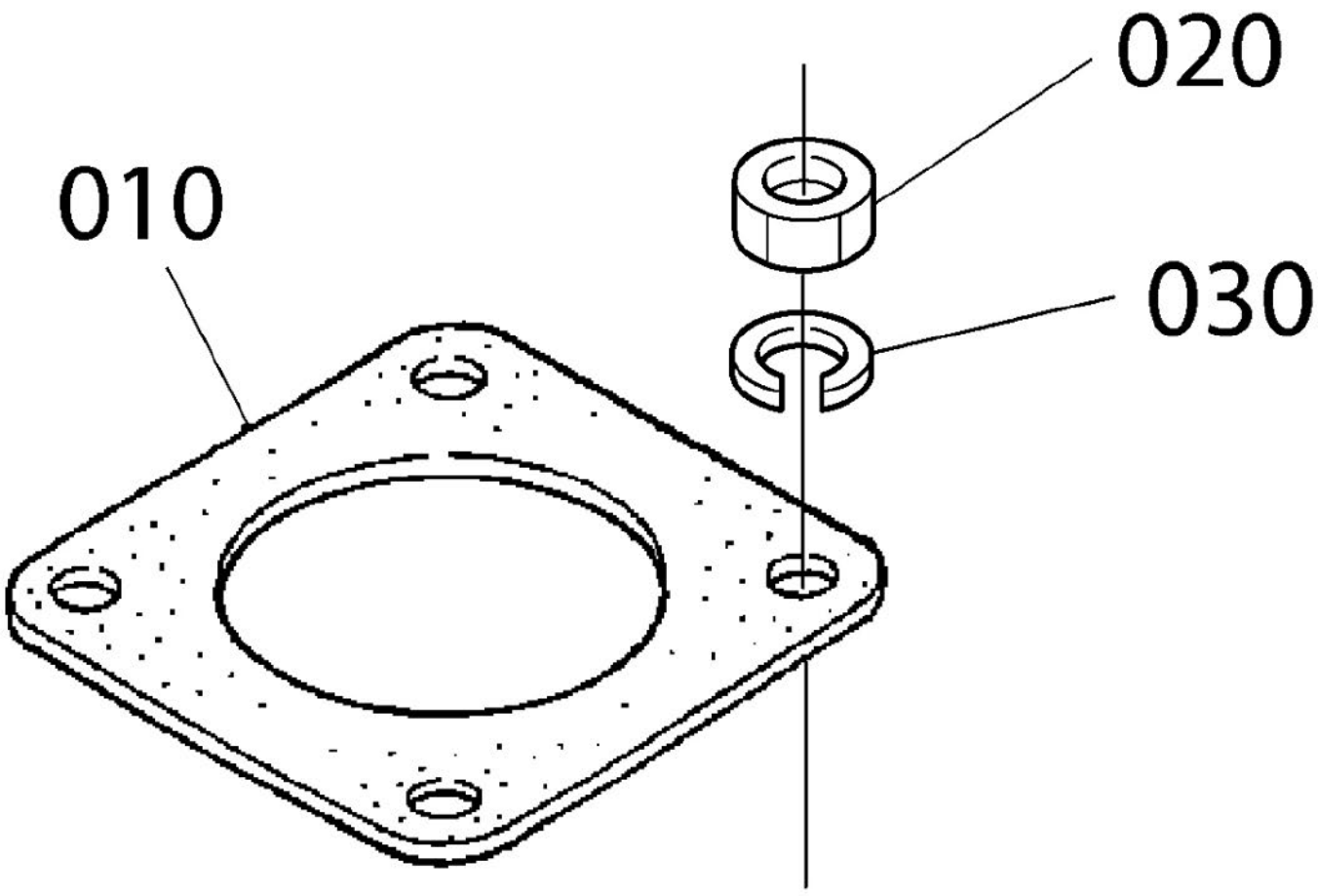
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1055-8124-00**	Exhaust manifold
20	1	**1064-9006-00**	Gasket exhaust manifold
30	1	**1018-0020-00**	Bolt, flange
40	1	**1018-0022-00**	Bolt, stud
50	1	**1013-0019-00**	Nut, flange
70	1	**1015-0132-00**	Gasket



PARTS SECTION: 080800 ACC AND SERVICE PARTS

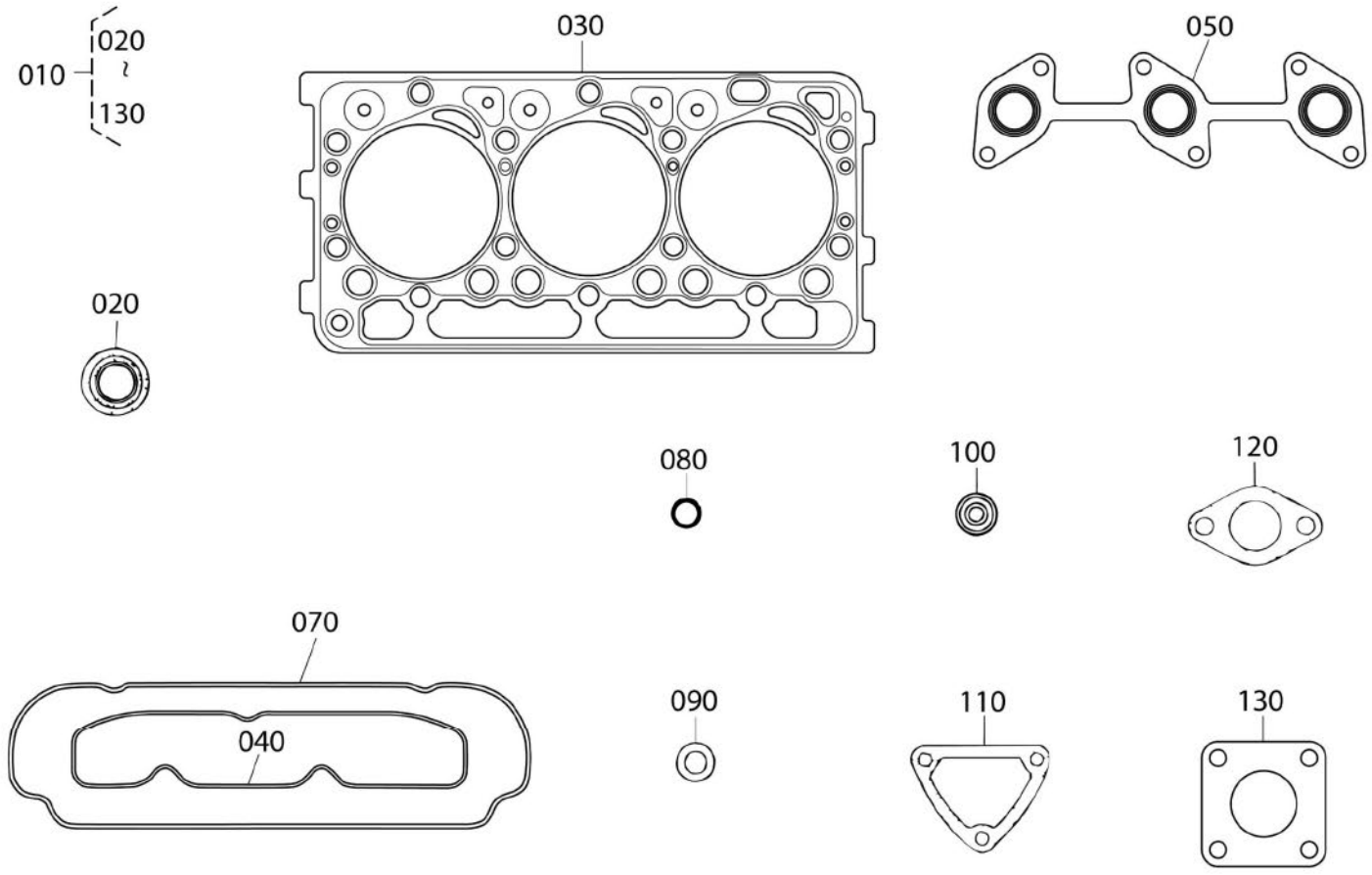
FIGURE 01.41 | Engine

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1015-0132-00**	Gasket
20	1	**1013-9007-00**	Nut
30	1	**1019-0029-00**	Washer spring lock



PARTS SECTION: 090001 UPPER GASKET KIT

FIGURE 01.42 | Engine | Parts list on page 53



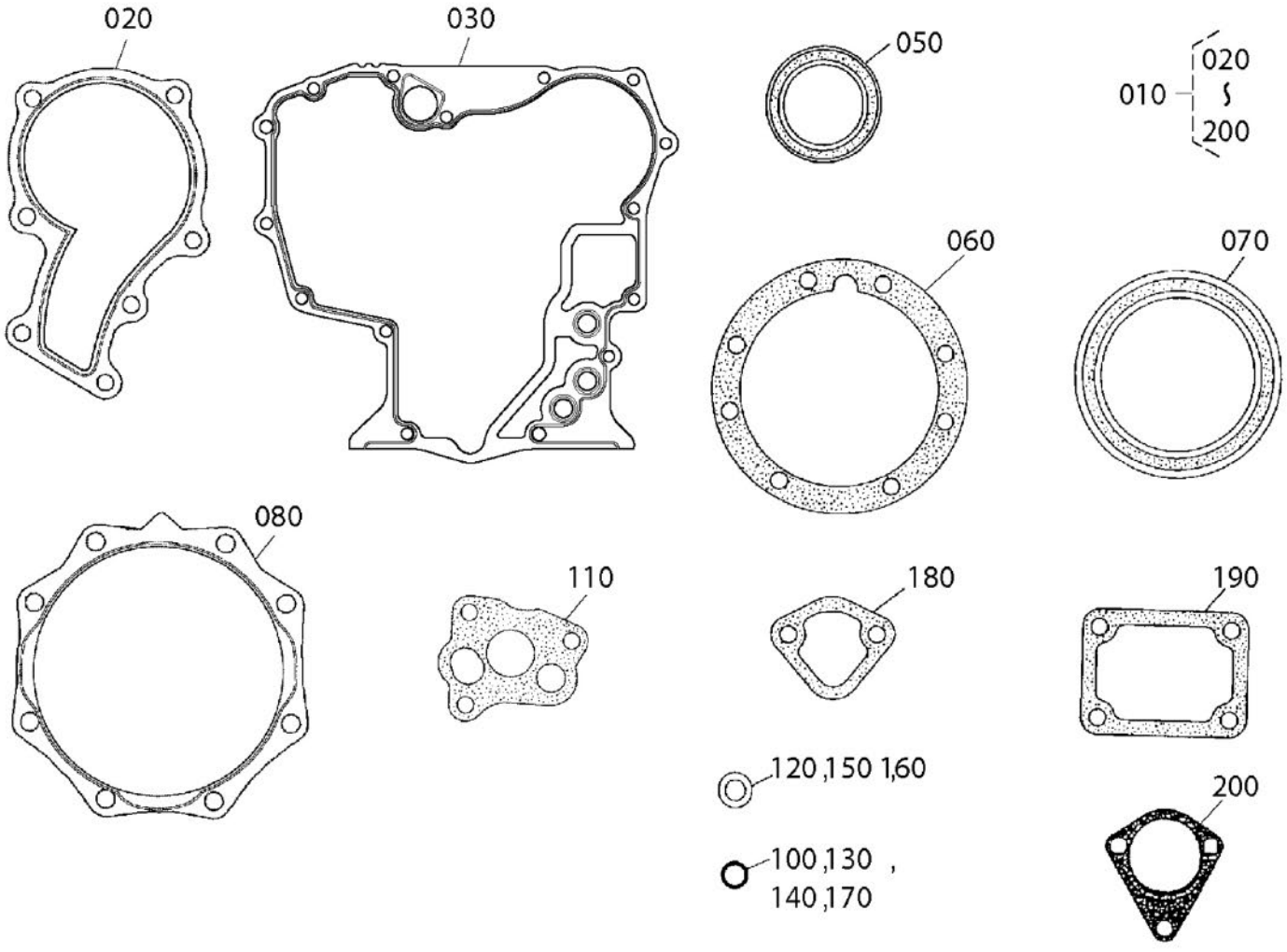
PARTS SECTION: 090001 UPPER GASKET KIT

FIGURE 01.42 | Engine | Drawing on page 52

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1064-9113-00**	Kit gasket upper
20	1	**1033-8054-00**	Valve seal
30	1	**1056-8059-00**	Head gasket D902 paper
40	1	**1064-9009-00**	Gasket manifold inlet
50	1	**1064-9006-00**	Gasket exhaust manifold
70	1	**1014-9502-00**	Gasket head cover D902
80	1	**1033-8153-00**	O-ring oil filler cap
90	1	**1015-0173-00**	Fuel nozzle gasket 05-engine
100	1	**1064-9106-00**	Gasket, heat
110	1	**1015-0231-00**	Gasket
120	1	**1015-0133-00**	Seal thermostat 05/03-series
130	1	**1015-0132-00**	Gasket

PARTS SECTION: 090002 LOWER GASKET KIT

FIGURE 01.43 | Engine | Parts list on page 55



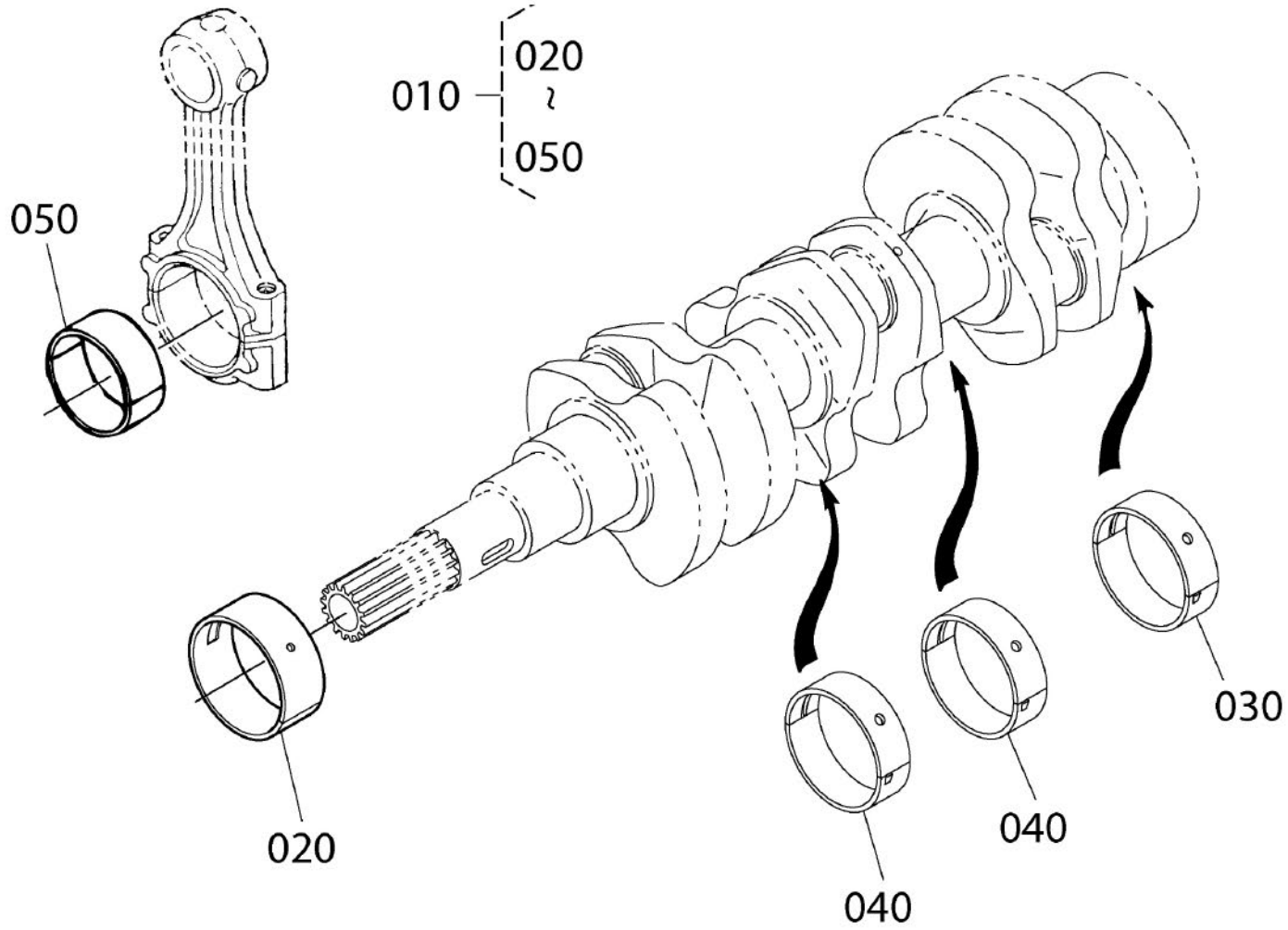
PARTS SECTION: 090002 LOWER GASKET KIT

FIGURE 01.43 | Engine | Drawing on page 54

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
11	1	**1064-9014-00**	Kit gasket lower
20	1	**1064-9110-00**	Gasket water pump
30	1	**1064-9015-00**	Gasket, gear case
50	1	**1033-8056-00**	Oil seal
60	1	**1064-9016-00**	Gasket, bearing case
70	1	**1033-8053-00**	Seal. oil
80	1	**1064-9007-00**	Gasket, case cover
100	1	**1033-8152-00**	O-ring
110	1	**1064-9008-00**	Gasket oil pump
120	1	**1064-9107-00**	Gasket ring
130	1	**1033-8052-00**	O-ring
140	1	**1033-8151-00**	O-ring
150	1	**1064-9107-00**	Gasket ring
160	1	**1064-9017-00**	Gasket
170	1	**1033-8055-00**	O-ring
180	1	**1057-8134-00**	Seal fuel pump Kubota
190	1	**1064-9108-00**	Gasket speed control plate
200	1	**1064-9112-00**	Gasket, cover

PARTS SECTION: 090100 METAL KIT

FIGURE 01.44 | Engine | Parts list on page 57



PARTS SECTION: 090100 METAL KIT

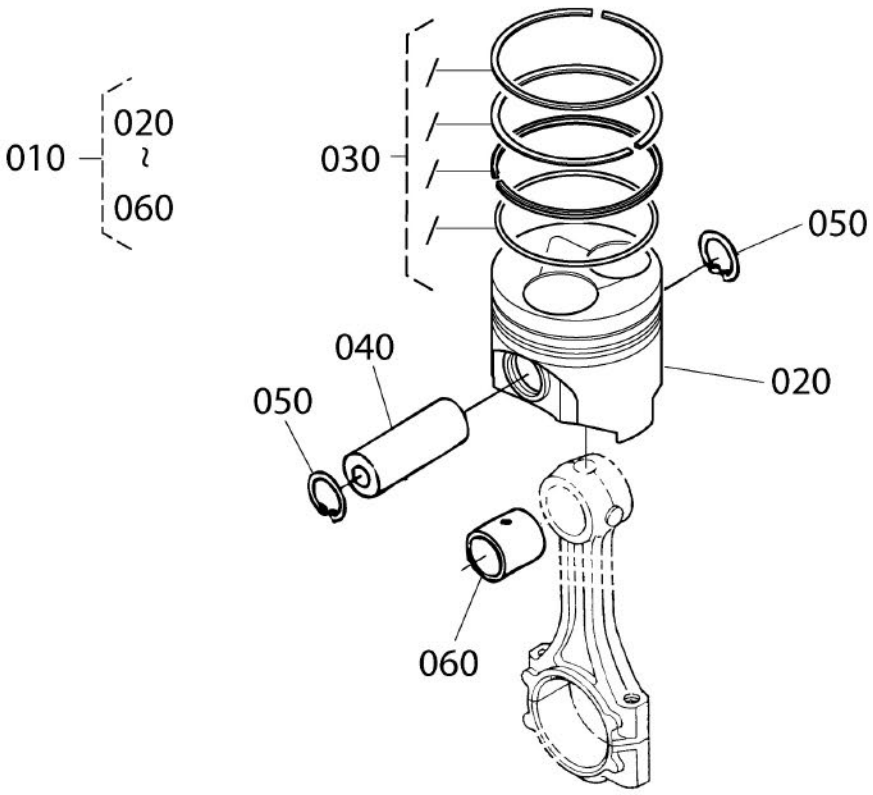
FIGURE 01.44 | Engine | Drawing on page 56

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1088-0127-00**	Kit metal engine
10	1	**1088-0148-00**	Kit, metal engine -0.20mm / +0.20mm
10	1	**1088-0049-00**	Kit metal, engine -0.40mm / +0.40mm
20	1	**1010-7008-00**	Bearing standard
20	1	**1010-7009-00**	Bearing -0.20mm
20	1	**1010-7010-00**	Bearing -0.40mm
30	1	**1010-7011-00**	Bearing standard
30	1	**1010-7012-00**	Bearing -0.20mm BRG W
30	1	**1010-7013-00**	Bearing -0.40mm BRG W
40	1	**1010-7002-00**	Bearing standard BRG 1-2
40	1	**1010-7103-00**	Bearing -0.20mm BRG 1-2
40	1	**1010-7004-00**	Bearing -0.40mm BRG 1-2
50	1	**1010-7005-00**	Connecting rod bearing set standard
50	1	**1010-7006-00**	Connecting rod bearing set -0.20mm
50	1	**1010-7007-00**	Big end bearing set -0.40mm

PARTS SECTION: 090300 PISTON KIT

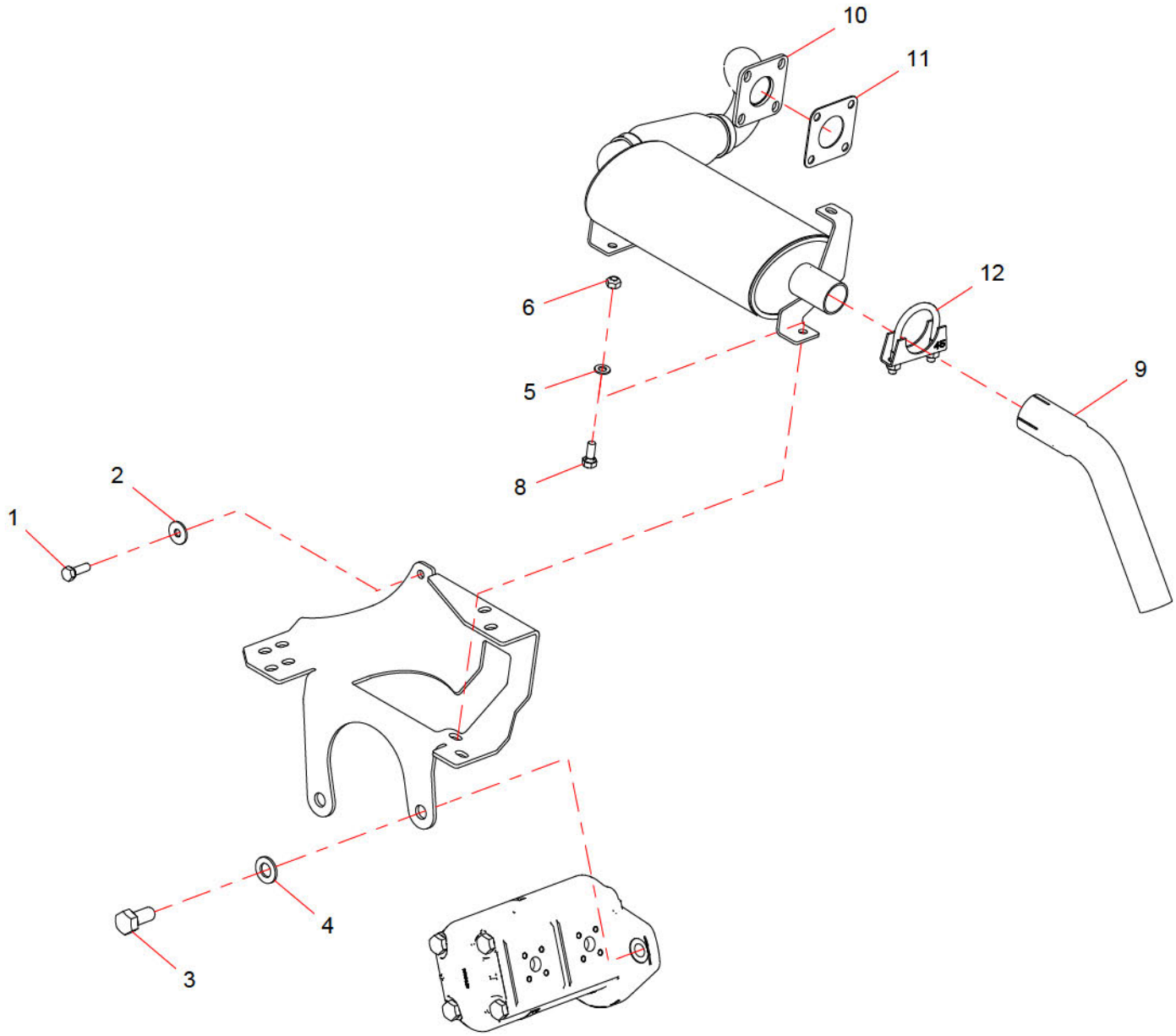
FIGURE 01.45 | Engine

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
10	1	**1088-0057-00**	Piston kit STD
10	1	**1088-0058-00**	Piston kit 025
20	1	**1015-1056-00**	Piston
20	1	**1015-1057-00**	Piston 025
30	1	**1015-1058-00**	Ring, piston, assy
30	1	**1015-1059-00**	Ring, piston, assy 025
40	1	**1015-1043-00**	Piston pin
50	1	**1015-0017-00**	Circlip
60	1	**1032-9905-00**	Bushing piston pin



PARTS SECTION: MUFFLER

FIGURE 01.46 | Engine | Parts list on page 60



PARTS SECTION: MUFFLER

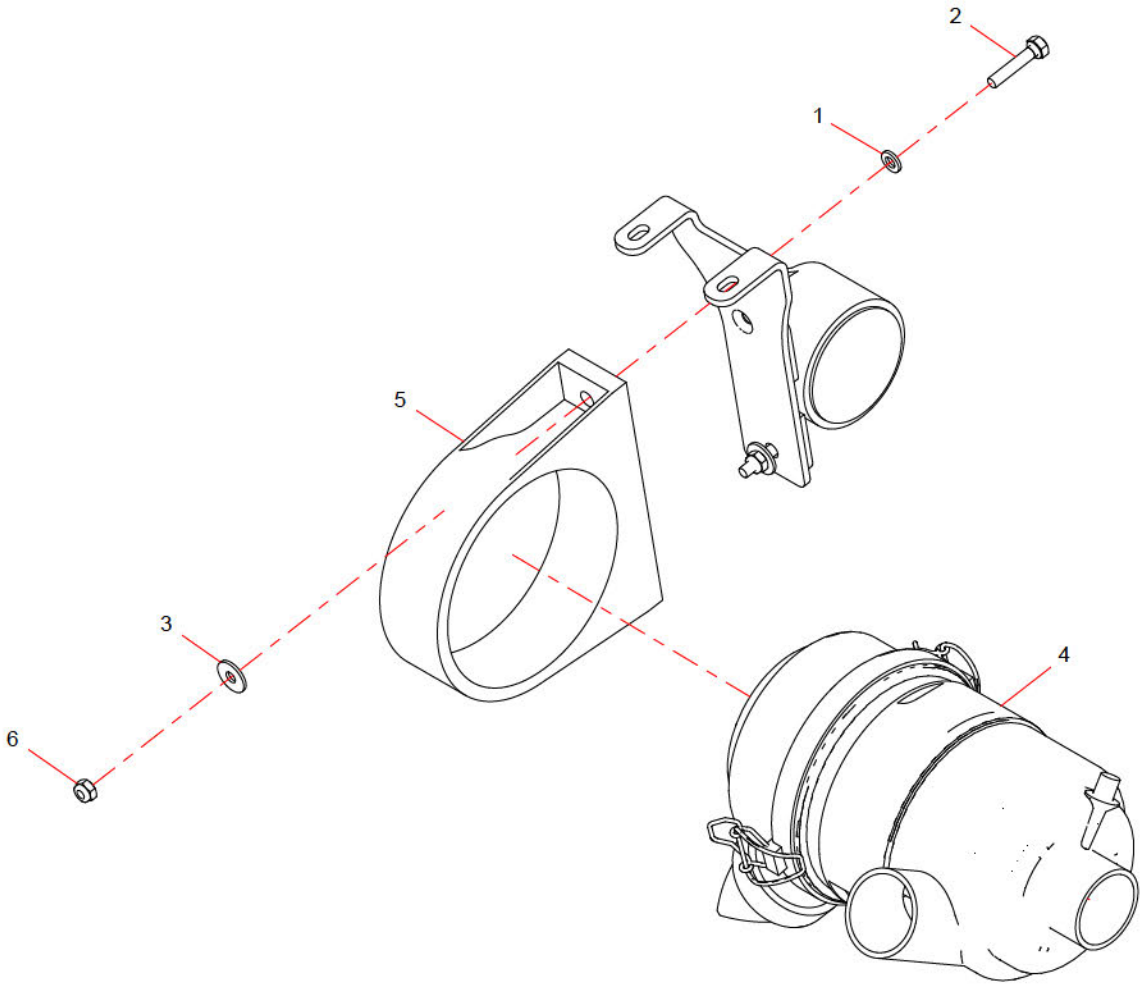
FIGURE 01.46 | Engine | Drawing on page 59

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1018-1010-00**	Hex cap bolt DIN933 M8x25
2	1	**1019-0030-00**	Flat washer DIN9021A M8
3	1	**1018-1004-00**	Hex cap bolt DIN933 M14x30
4	1	**1019-0035-00**	Washer DIN125A M14
5	1	**1019-0004-00**	Washer DIN125A M8
6	1	**1013-0018-00**	Metal lock nut DIN980 M8
7	1	**1013-0016-00**	Nut DIN934 M8
8	1	**1018-1009-00**	Hex cap bolt DIN933 M8x20
9	1	**1015-0045-00**	Exhaust Pipe D902
10	1	**1015-0046-00**	Exhaust pipe skid D902
11	1	**1015-0146-00**	Gasket exhaust
12	1	**1052-8103-00**	Exhaust clamp 45 mm
13	1	**1015-0047-00**	Exhaust support

PARTS SECTION: FILTER HOUSING

FIGURE 01.47 | Engine

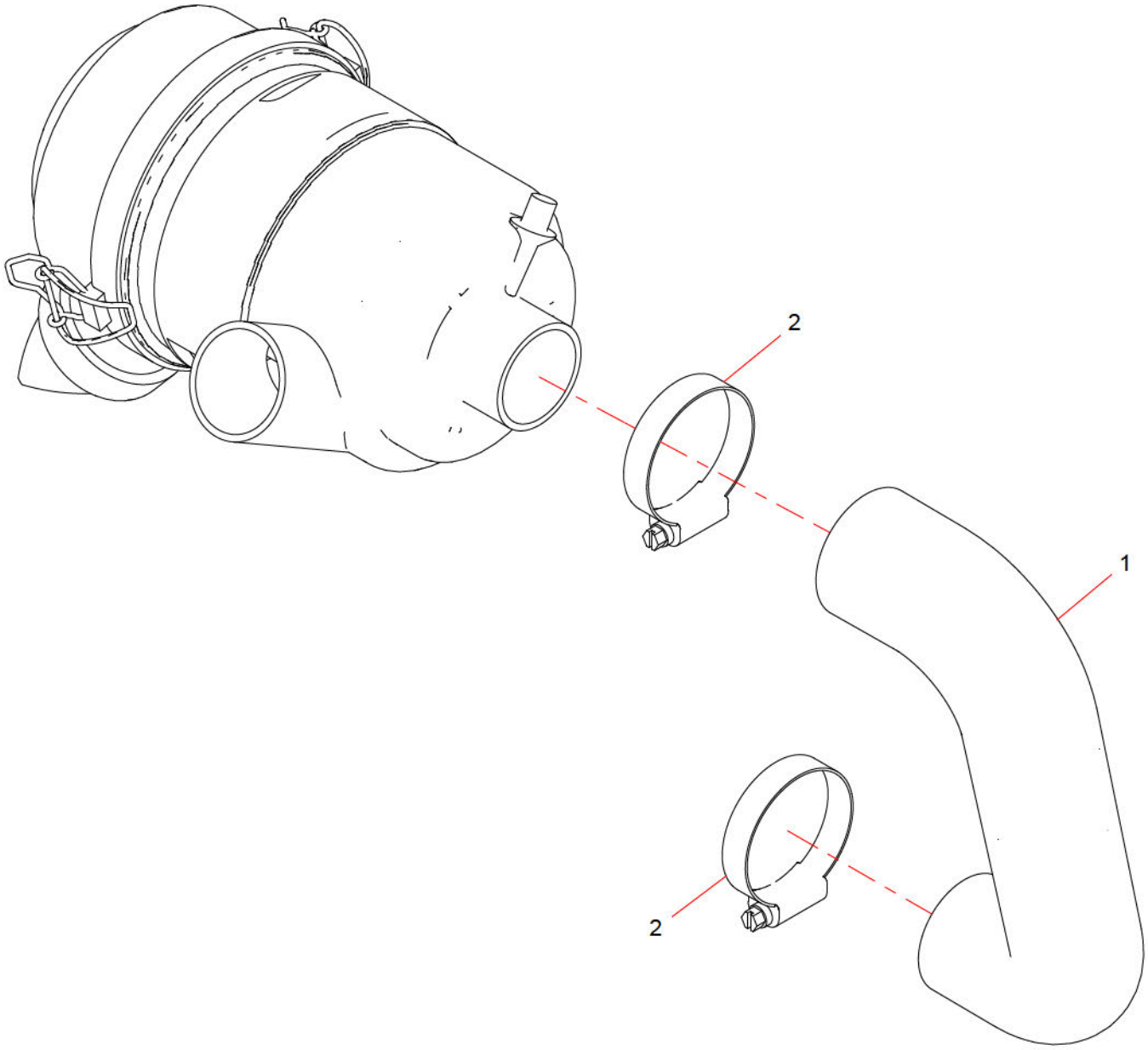
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1019-0004-00**	Washer DIN125A M8
2	1		Hex cap bolt DIN933 M8x30
3	1	**1019-0030-00**	Flat washer DIN9021A M8
4	1	**1063-9027-00**	Air cleaner complete
5	1	**1039-9104-00**	Mounting band
6	1	**1013-0023-00**	Lock nut DIN985 M8



PARTS SECTION: HOSES

FIGURE 01.48 | Engine

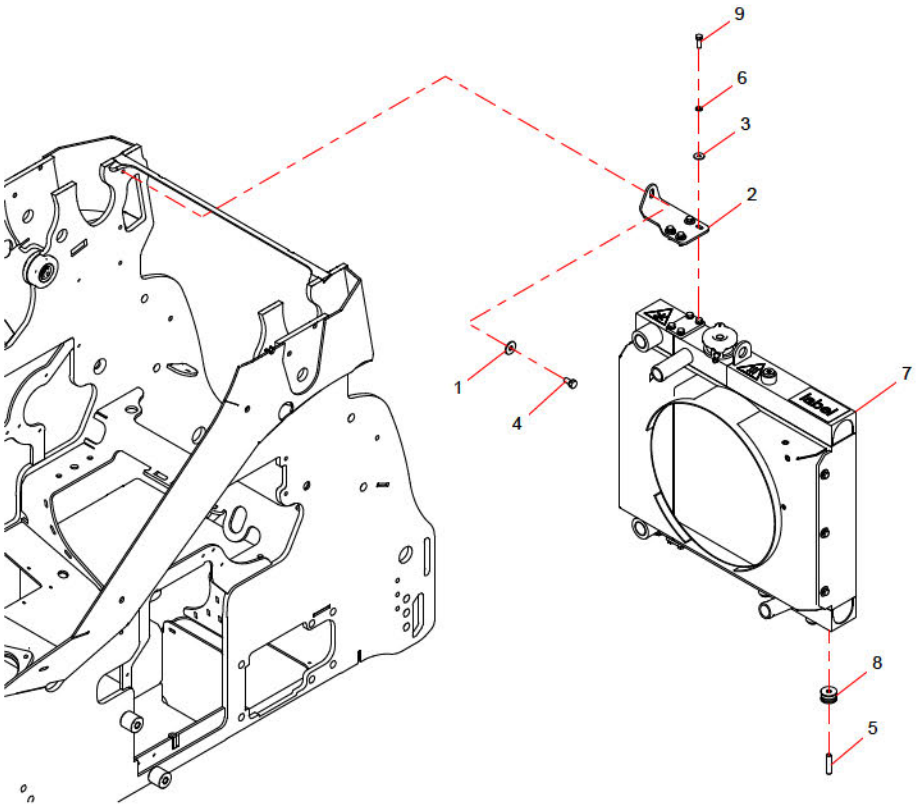
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1015-0007-00**	Air intake hose G1100
2	2	**1052-8006-00**	Hose clamp 44-56 mm



PARTS SECTION: COOLER

FIGURE 01.49 | Engine

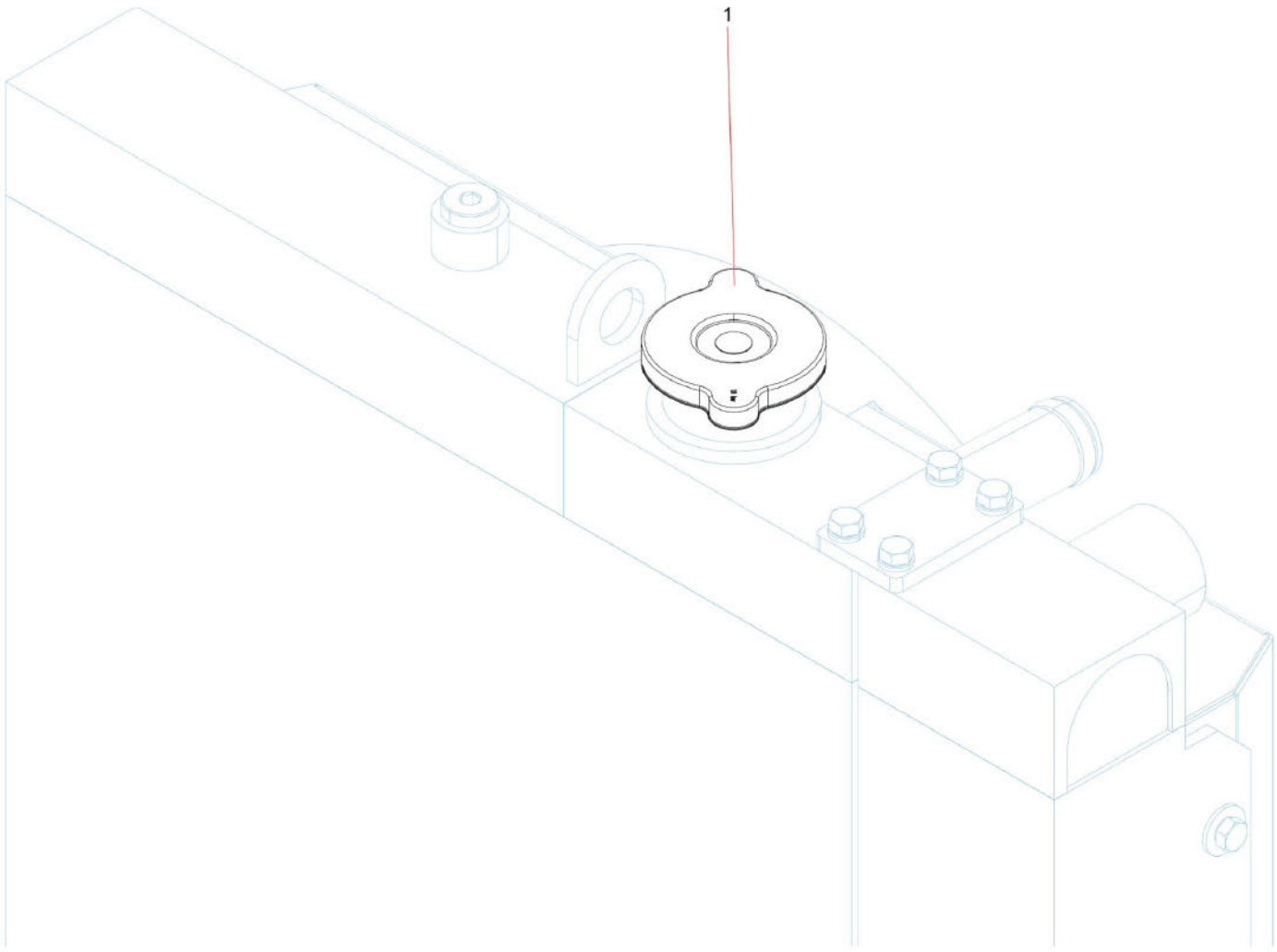
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1019-0030-00**	Flat washer DIN9021A M8
2	1	**1014-0020-00**	Top mounting combi cooler
3	4	**1019-0025-00**	Flat washer DIN9021A M6
4	1	**1018-9004-00**	Hex cap bolt DIN933 M8x16
5	2	**1024-9915-00**	Socket setbolt DIN916 M8x40
6	4	**1019-0027-00**	Spring washer DIN127B M6
7	1	**1015-0141-00**	Combi cooler D204 + SKID (see p. 64)
8	2	**1039-9102-00**	Vibration damper SCB35 8mm
9	4	**1018-1006-00**	Hex cap bolt DIN933 M6x20



PARTS SECTION: COMBI-WATER/OIL COOLER

FIGURE 01.50 | Engine

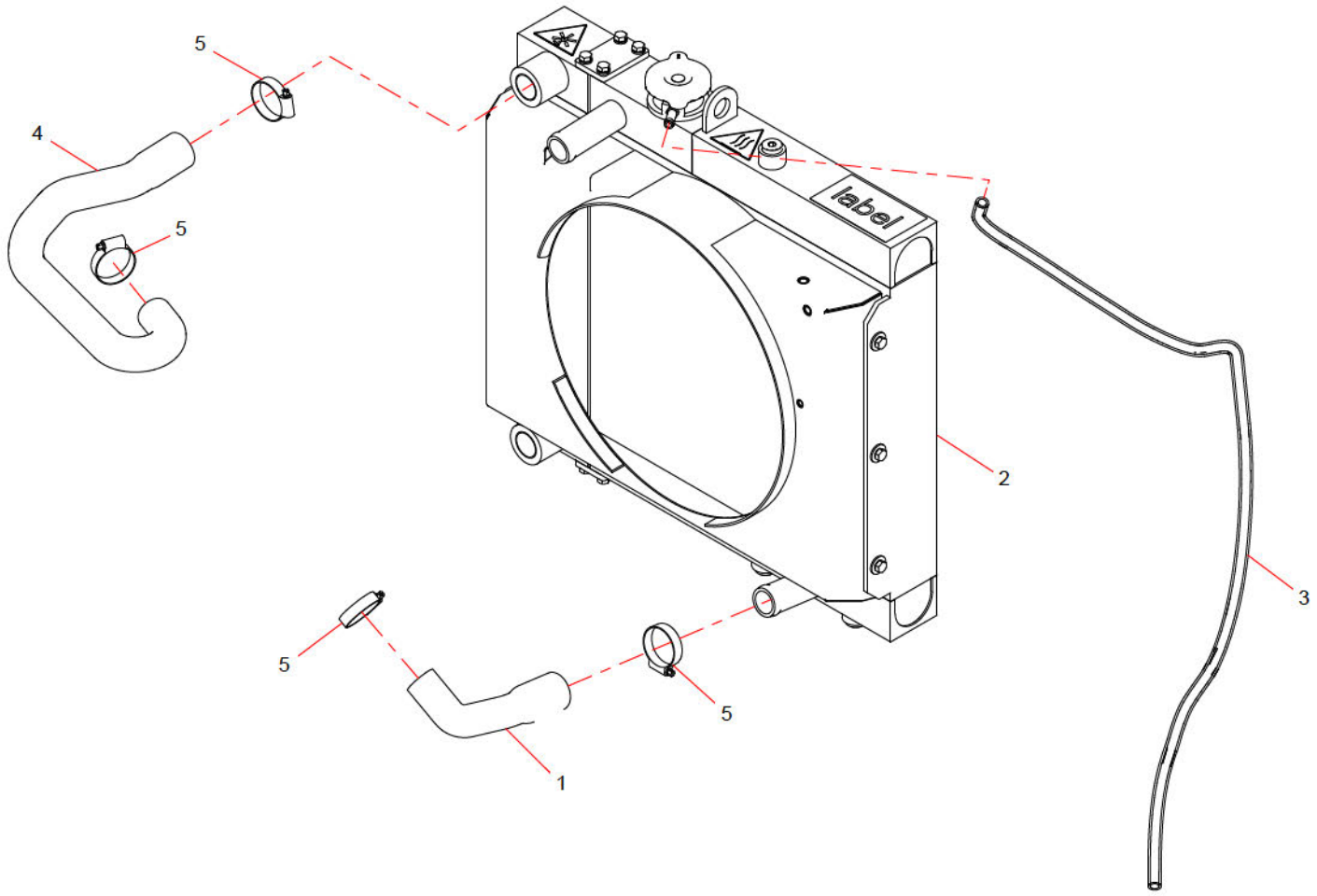
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1014-9403-00**	Radiator cap



PARTS SECTION: LINES GRP WATER

FIGURE 01.51 | Engine

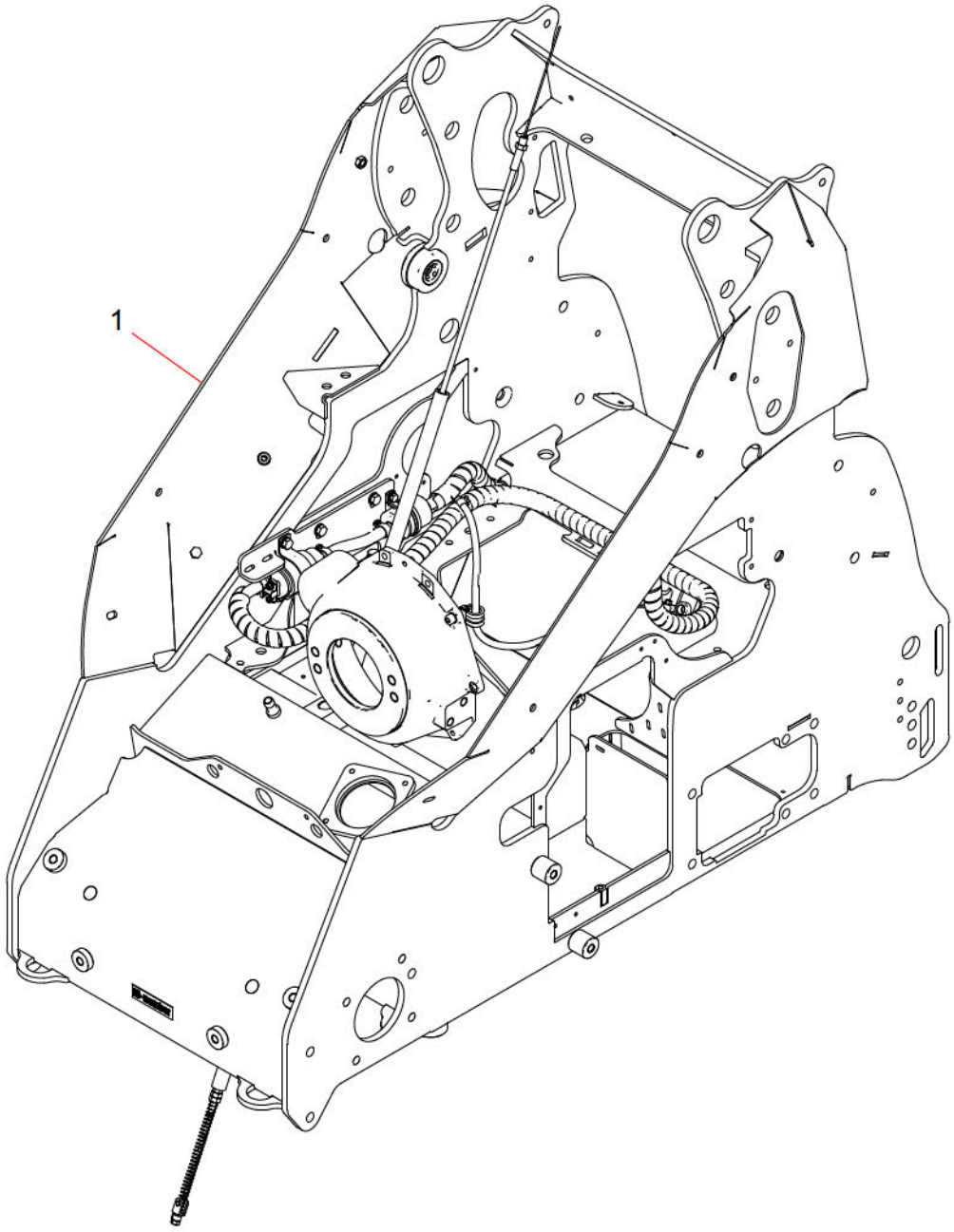
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1054-8122-00**	Radiator hose bottom D722/D902
3	1	**1054-8124-00**	Hose radiator outlet overflow
4	1	**1054-8043-00**	Radiator hose top D902
5	4	**1052-8101-00**	Hose clamp 26-38 mm



PARTS SECTION: FUEL SYSTEM

FIGURE 02.01 | Fuel system

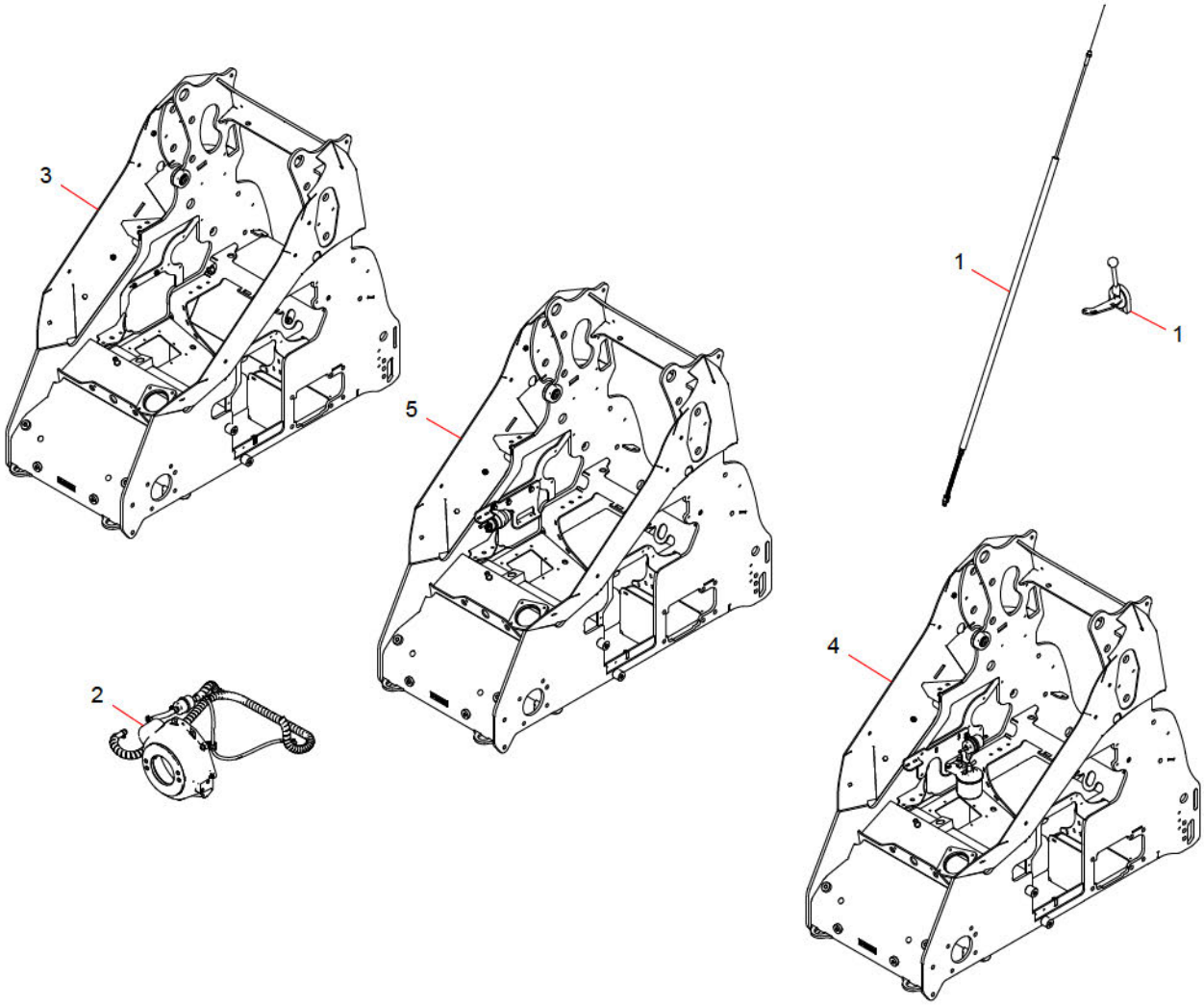
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		020.02. D902 (see p. 67)



PARTS SECTION: D902

FIGURE 02.02 | Fuel system

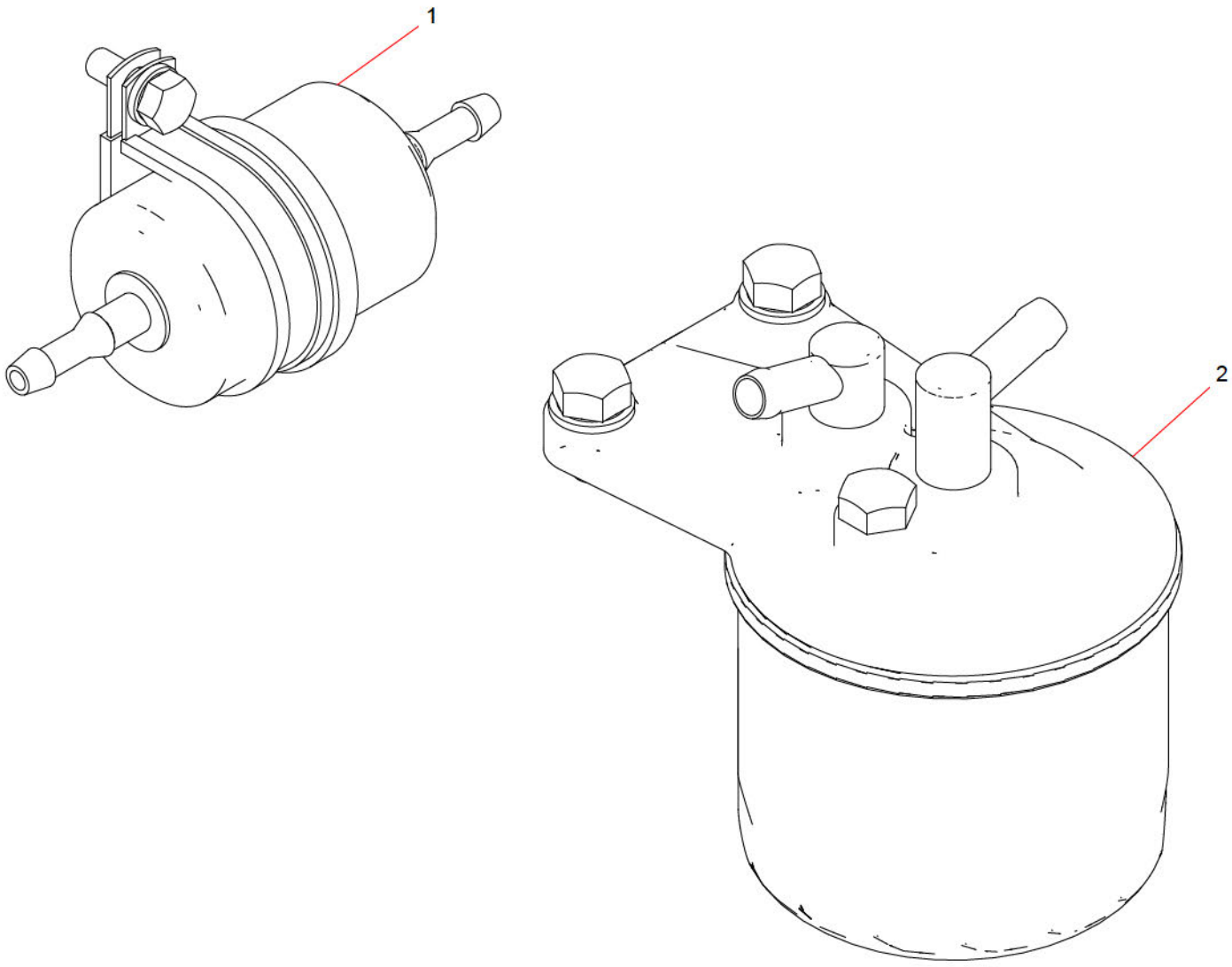
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		020.01.08. Speed & idle contr (see p. 70)
2	1		020.02.02. Lines (see p. 71)
3	1		020.01.07. Fuel tank (see p. 69)
4	1		020.02.01. Filter GRP (see p. 68)
5	1		020.02.06. Pump fuel transfer (see p. 73)



PARTS SECTION: FILTER GRP

FIGURE 02.03 | Fuel system

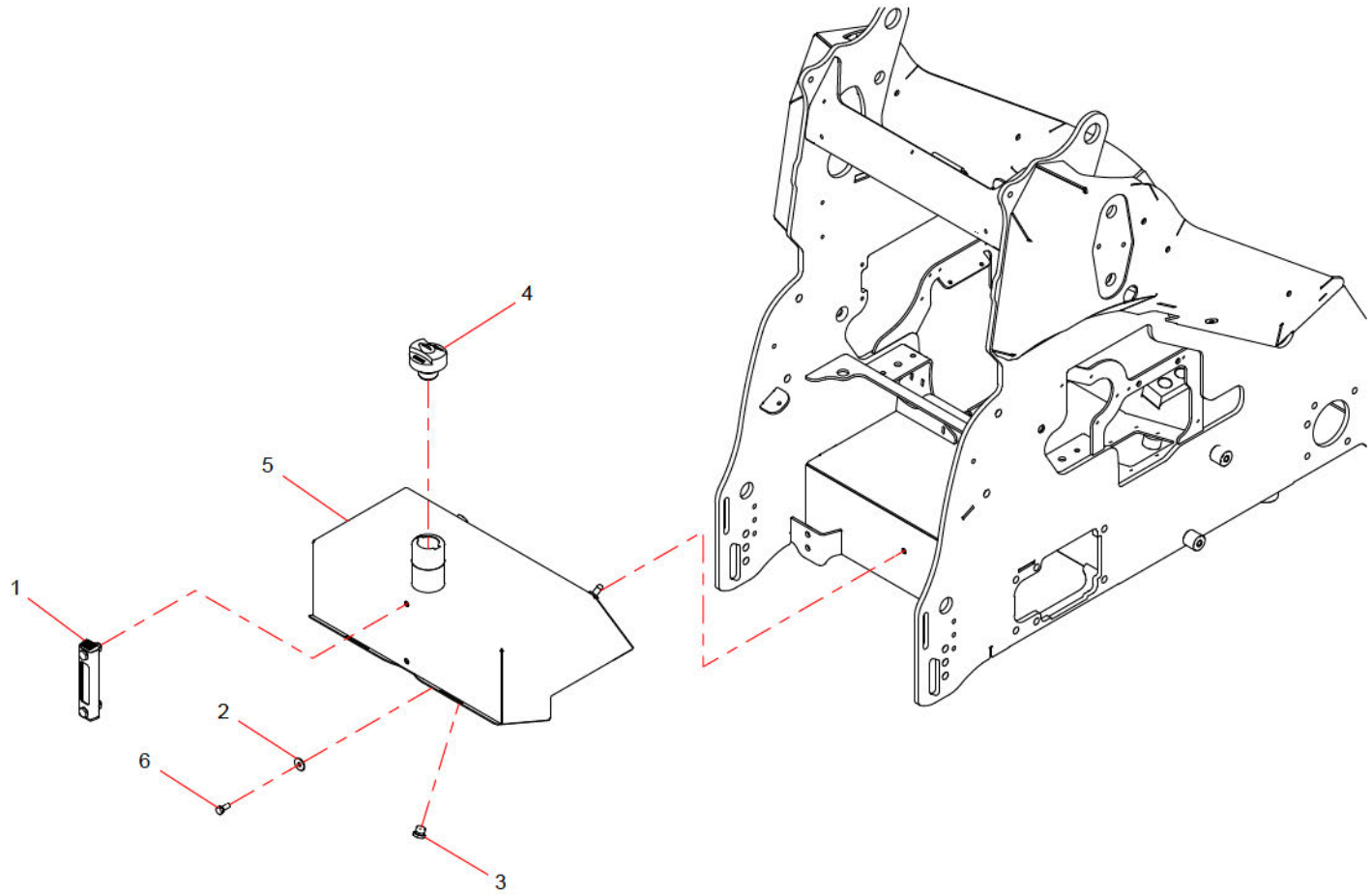
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Inline filter (see p. 74)
2	1		Filter + housing (see p. 75)



PARTS SECTION: FUEL TANK

FIGURE 02.04 | Fuel system

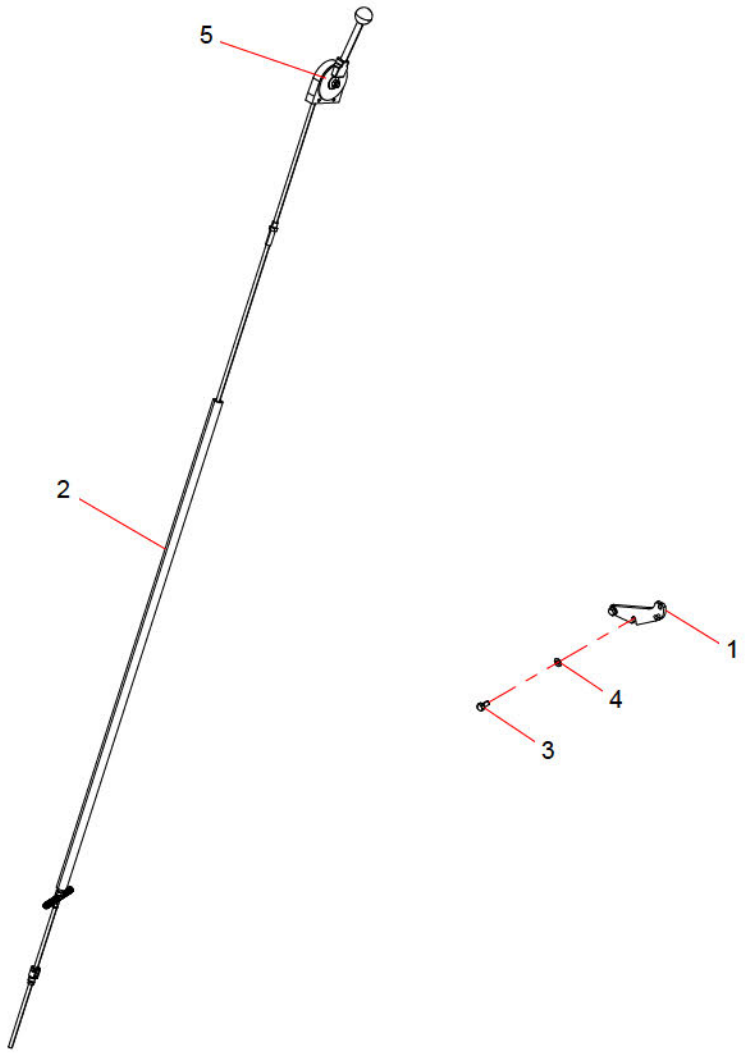
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1069-8056-00**	Gauge glass
2	1	**1019-0030-00**	Flat washer DIN9021A M8
3	1	**1050-9419-00**	Plug 3/8"
4	1	**1068-9101-00**	Fuel cap 50 mm
5	1	**1067-0001-00**	Fuel tank 23 ltr
6	1	**1018-1009-00**	Hex cap bolt DIN933 M8x20



PARTS SECTION: THROTTLE CABLE

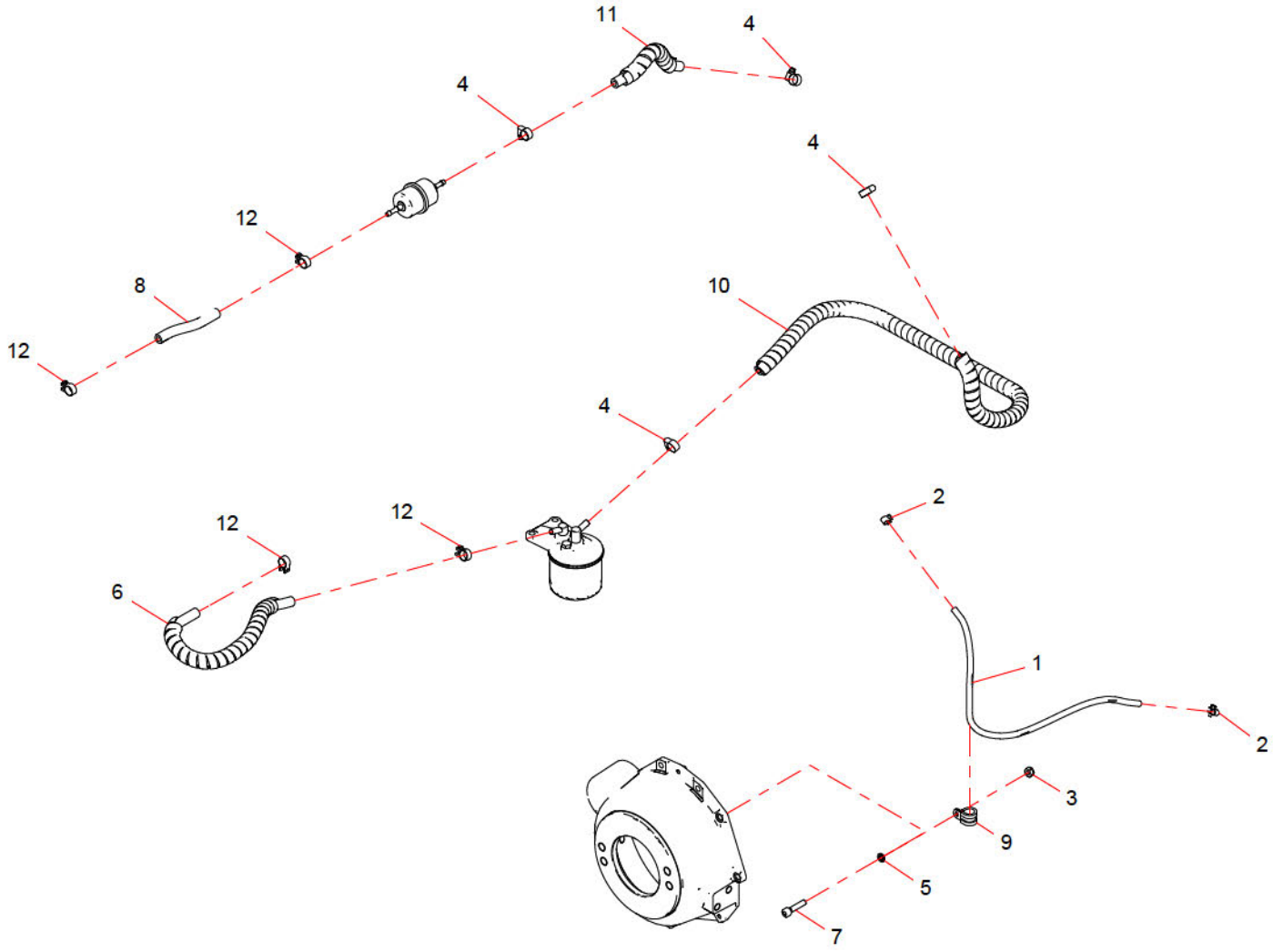
FIGURE 02.05 | Fuel system

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1086-9127-00**	Throttle cable fasten support
2	1	**1086-9026-00**	Throttle cable Skid diesel
3	1	**1018-9004-00**	Hex cap bolt DIN933 M8x16
4	1	**1019-0004-00**	Washer DIN125A M8
5	1	**1031-9085-00**	Throttle lever



PARTS SECTION: LINES

FIGURE 02.06 | Fuel system | Parts list on page 72



PARTS SECTION: LINES

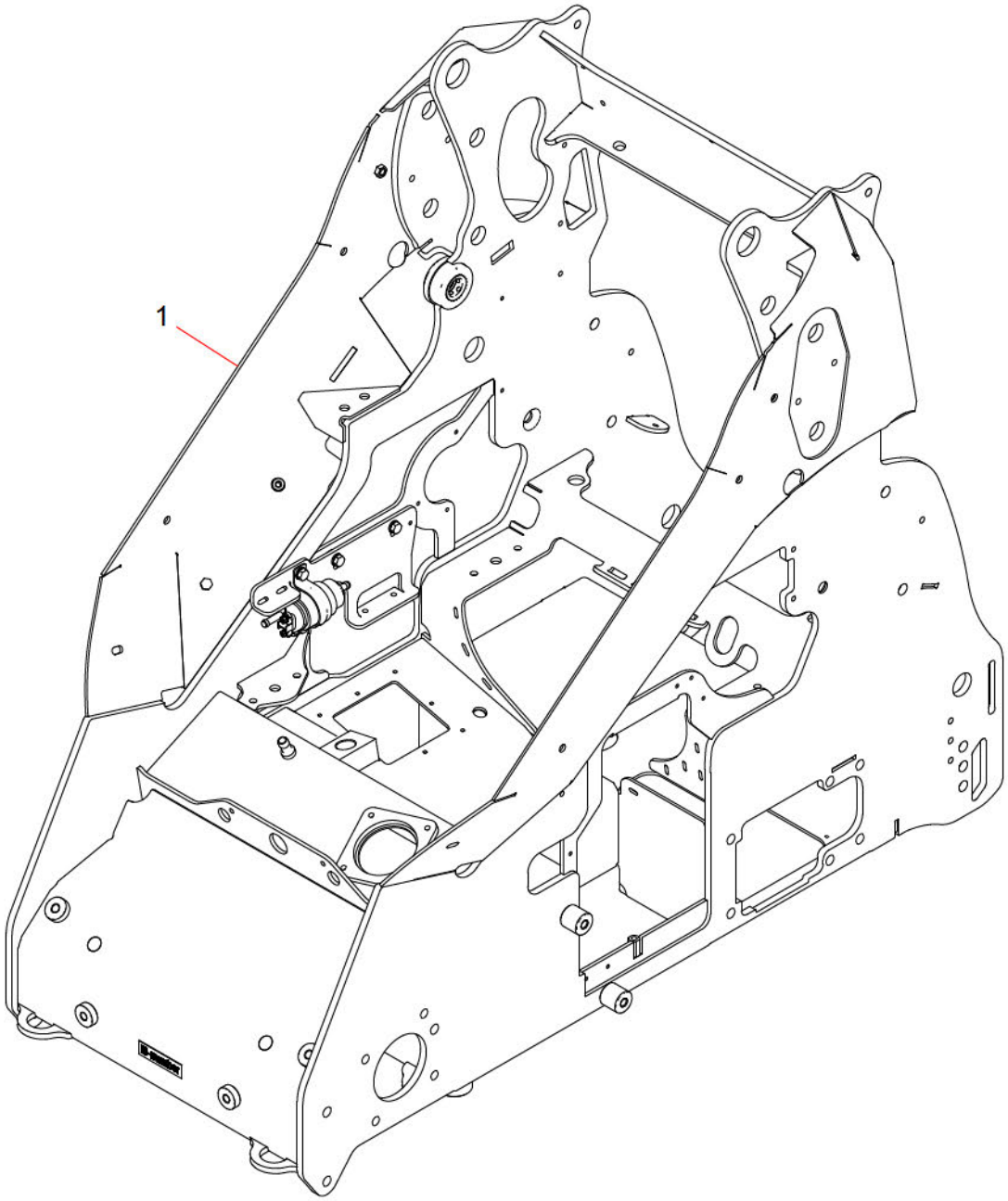
FIGURE 02.06 | Fuel system | Drawing on page 71

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1054-8121-00**	Hose Return Engine to fuel tank
2	2	**1052-8007-00**	Hose clamp mini 8 mm
3	1	**1013-0023-00**	Lock nut DIN985 M8
4	4	**1052-8102-00**	Hose clamp 11-17mm
5	1	**1019-0026-00**	Nord-lock M8
6	1	**1051-9502-00**	Hose fuel motor to fuel filter
7	1	**1024-9117-00**	Socket cap DIN912 M8x35
8	1	**1051-9503-00**	Hose fuel filter to fuel motor
9	1	**1052-8013-00**	Clamping clip 15 mm
10	1	**1051-9102-00**	Hose fuel filter to engine in
11	1	**1051-9103-00**	Hose fuel tank to fuel filter
12	4	**1052-8003-00**	Hose clamp mini 15

PARTS SECTION: PUMP FUEL TRANSFER

FIGURE 02.07 | Fuel system

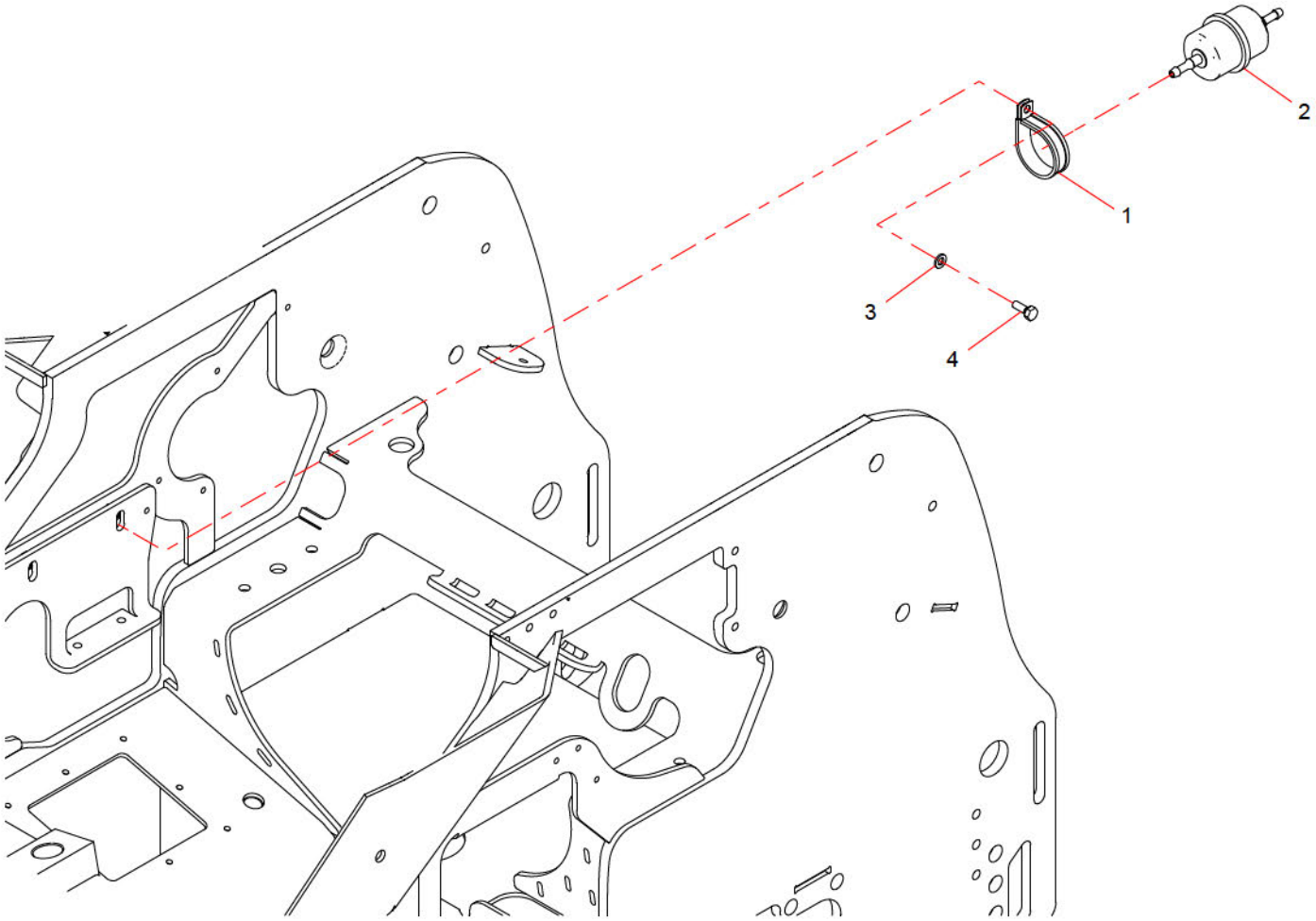
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Electric (see p. 77)



PARTS SECTION: INLINE FILTER

FIGURE 02.08 | Fuel system

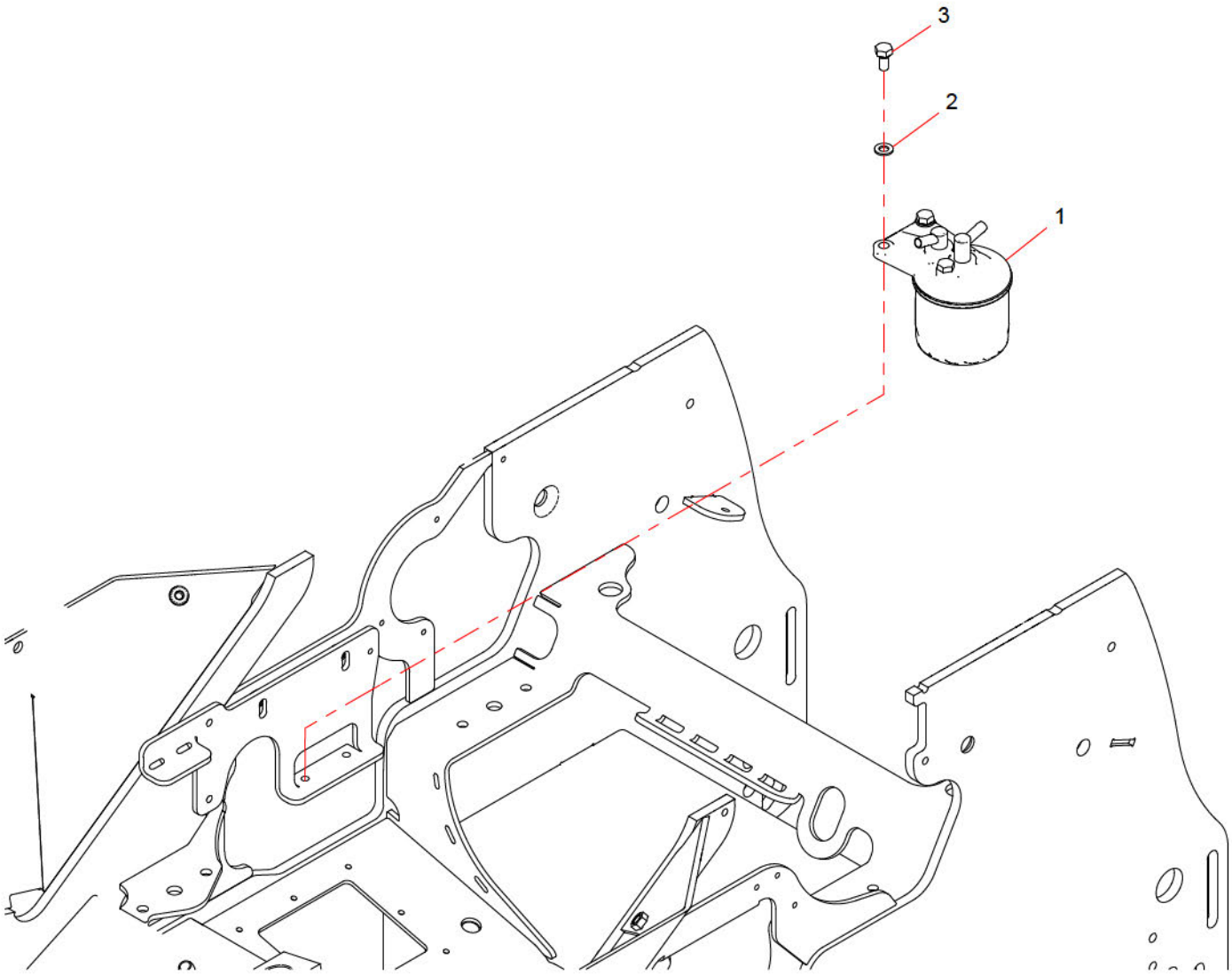
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1052-8014-00**	Clamping clip 41 mm
2	1	**1063-9011-00**	Brandstoffilter grof G2
3	1	**1019-0120-00**	Washer DIN125A M6
4	1	**1018-1005-00**	Hex cap bolt DIN933 M6x16



PARTS SECTION: FILTER + HOUSING

FIGURE 02.09 | Fuel system

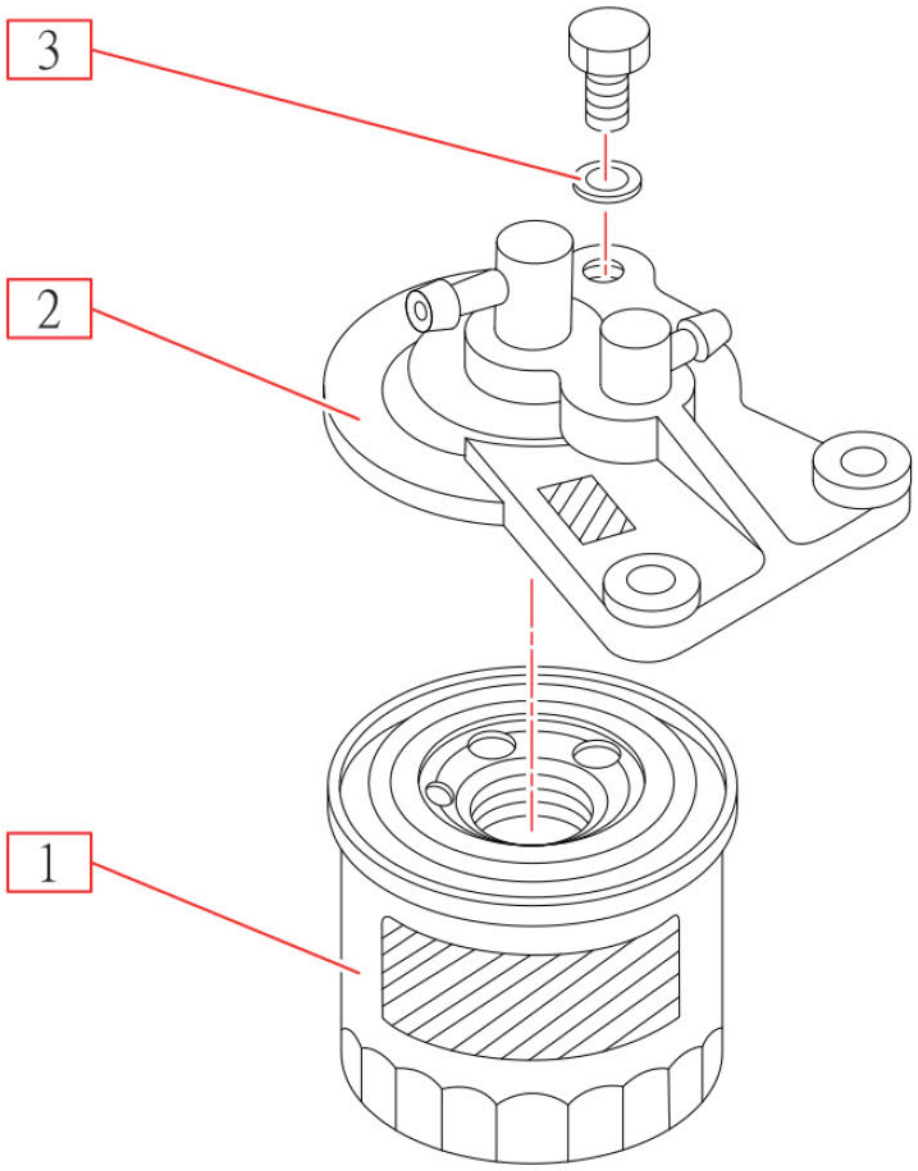
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1015-0148-00**	Brandstoffilter h+elem Kubota (see p. 76)
2	2	**1019-0004-00**	Washer DIN125A M8
3	2	**1018-9004-00**	Hex cap bolt DIN933 M8x16
4	1	**1063-9011-00**	Brandstoffilter grof G2



PARTS SECTION: FUEL FILTER HOUSING AND ELEMENT

FIGURE 02.10 | Fuel system

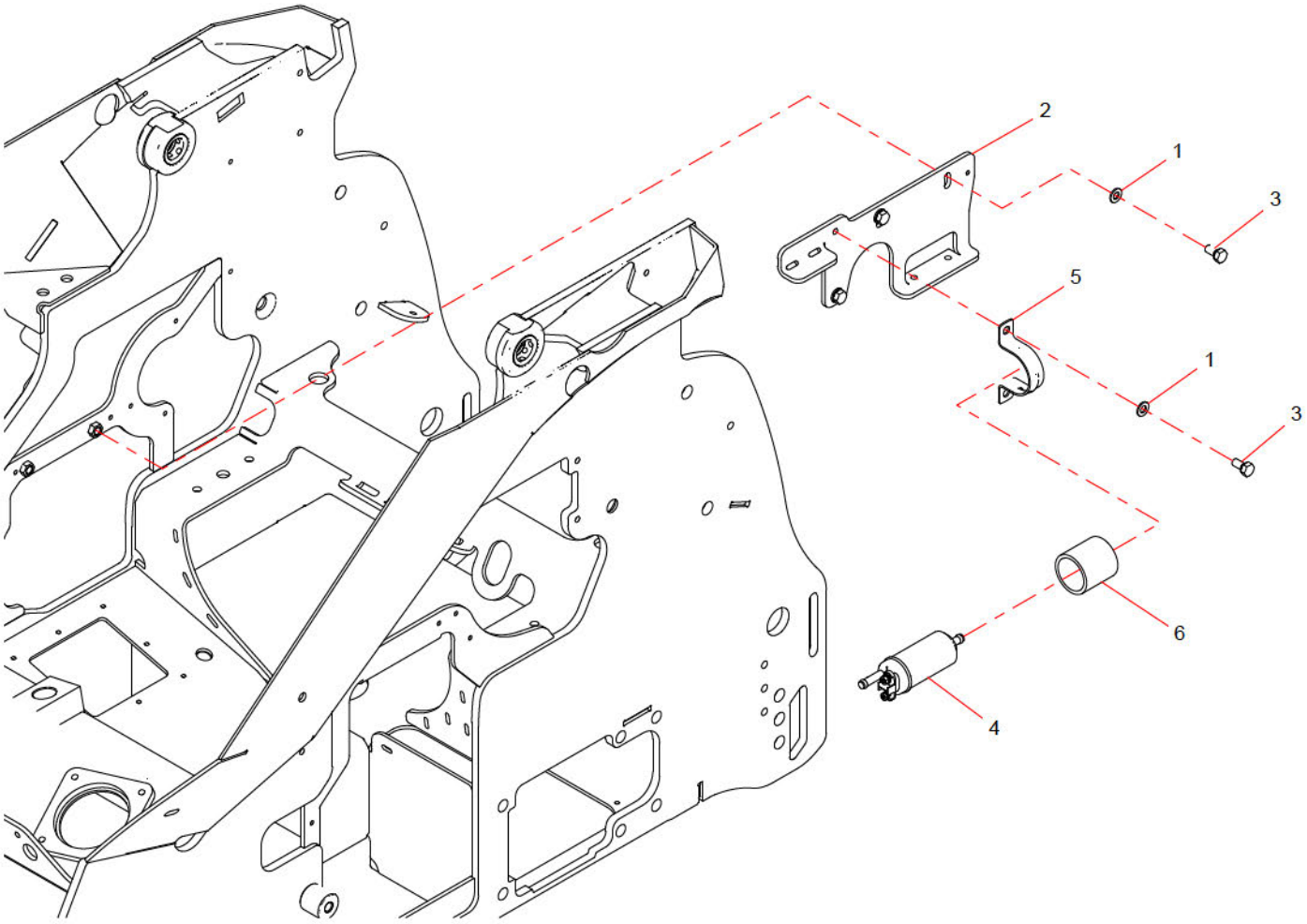
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1014-9206-00**	Fuel filter cover assy
2	1	**1050-9422-00**	Breather plug
3	1		Fuel filter



PARTS SECTION: ELECTRIC

FIGURE 02.11 | Fuel system

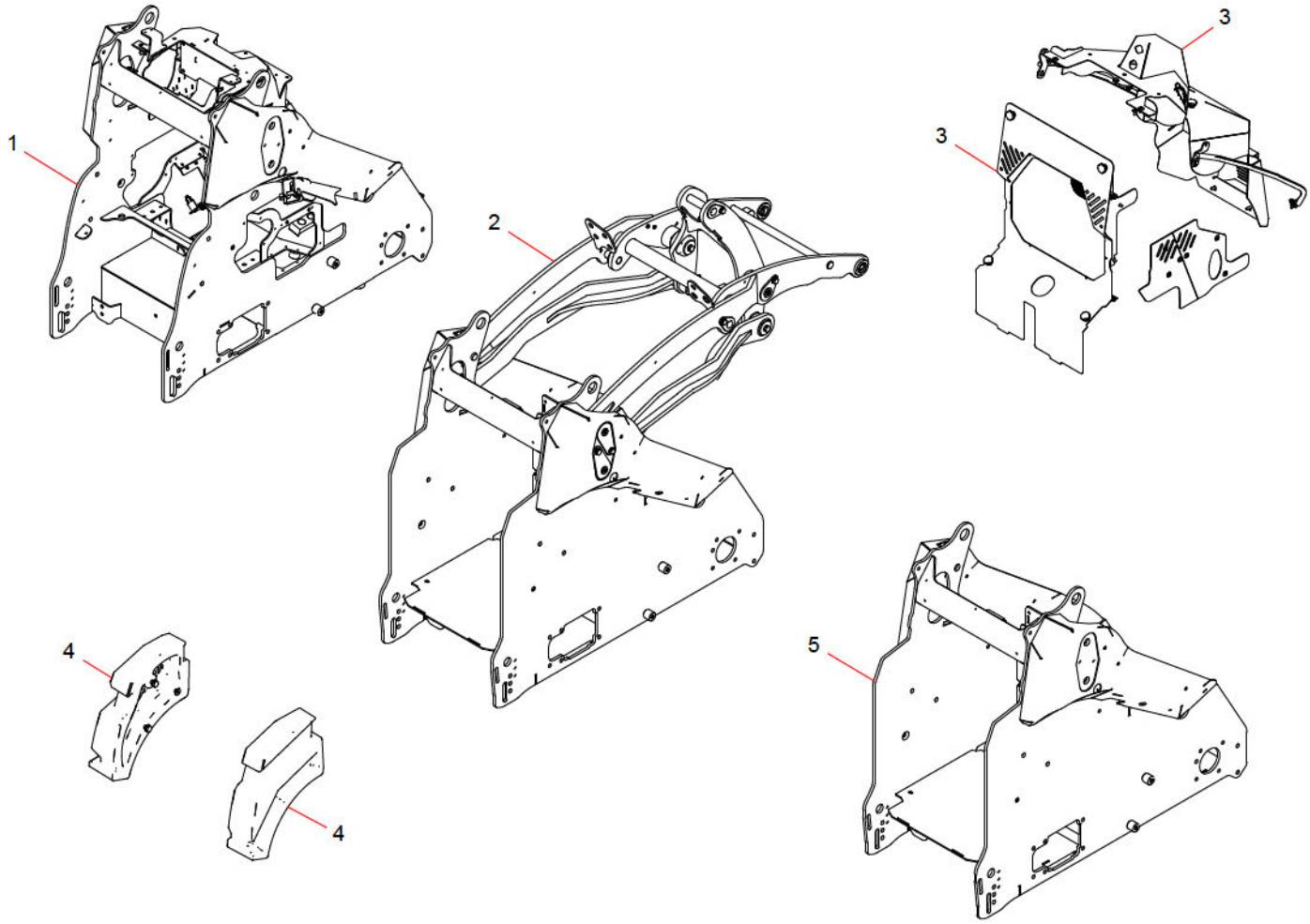
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	4	**1019-0004-00**	Washer DIN125A M8
2	1	**1039-0001-00**	Mounting diesel filter
3	4	**1018-9004-00**	Hex cap bolt DIN933 M8x16
4	1	**1057-8938-00**	Fuel supply pump electric 12V
5	1	**1052-8012-00**	Saddle Pipe Clip 1 " 20 x 2 mm
6	1	**1054-8123-00**	Koelwaterslang 38-46 mm Compl



PARTS SECTION: FRAME AND BODY

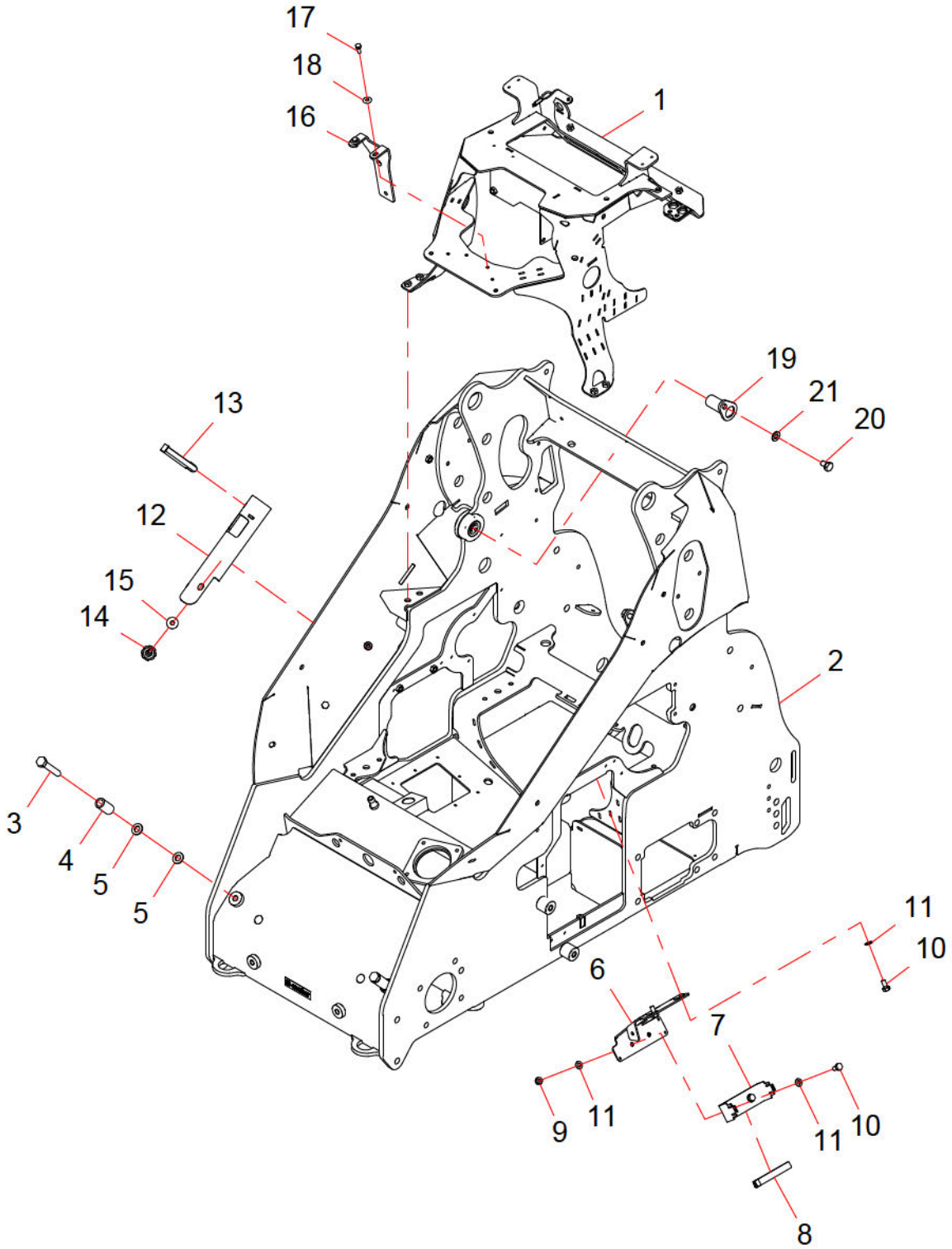
FIGURE 03.01 | Frame & body

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		030.01. Base frame (see p. 79)
2	1		030.02. Lifting arm (see p. 81)
3	1		030.03. Body panels (see p. 83)
4	1		030.04. Counterweight (see p. 86)
5	1		030.05. Bottom plate (see p. 87)



PARTS SECTION: BASE FRAME

FIGURE 03.02 | Frame & body | Parts list on page 80



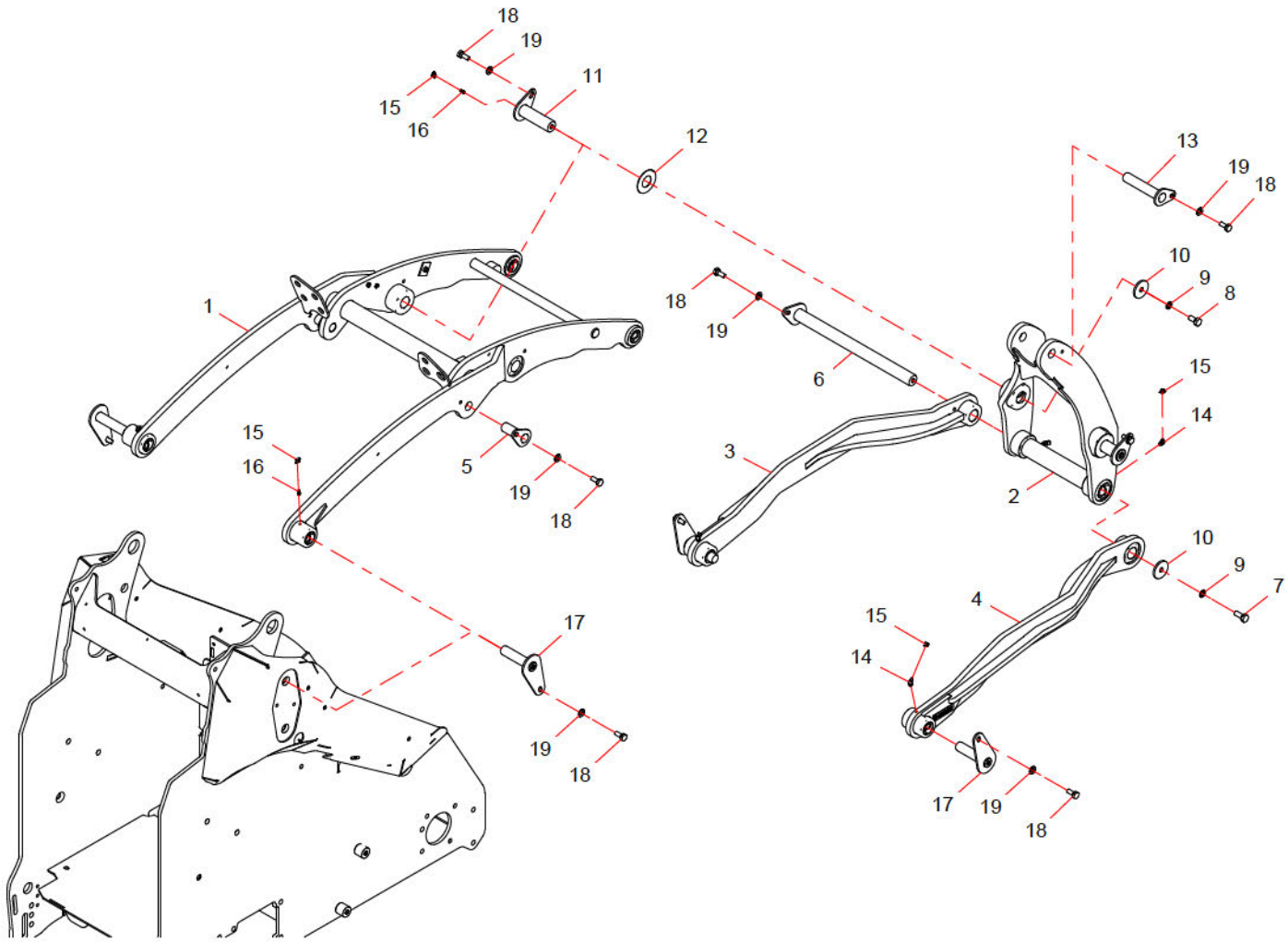
PARTS SECTION: BASE FRAME

FIGURE 03.02 | Frame & body | Drawing on page 79

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Valve mounting weldment
2	1		Main frame
3	2		Hex cap bolt DIN933 M12x70
4	2		Spacer stop lifting arm
5	4	**1019-0104-00**	Washer DIN125A M12
6	1		Mounting fuse box
7	1		Fuse box fastening
8	1		Edge seal fuse box
9	2	**1013-0023-00**	Lock nut DIN985 M8
10	4	**1018-9004-00**	Hex cap bolt DIN933 M8x16
11	6	**1019-0004-00**	Washer DIN125A M8
12	1		Cylinder support
13	1		Linch Pin 10x55
14	1		Draaiknop 30mm M8x20 type 3
15	1	**1019-0030-00**	Flat washer DIN9021A M8
16	1		Skid mounting plate air intake
17	2	**1018-1005-00**	Hex cap bolt DIN933 M6x16
18	2	**1019-0025-00**	Flat washer DIN9021A M6
19	2		Pin 25x55 mm, wld
20	2	**1018-1000-00**	Hex cap bolt DIN933 M10x16
21	2	**1019-0119-00**	Nord-lock SP body M10

PARTS SECTION: LIFTING ARM

FIGURE 03.03 | Frame & body | Parts list on page 82



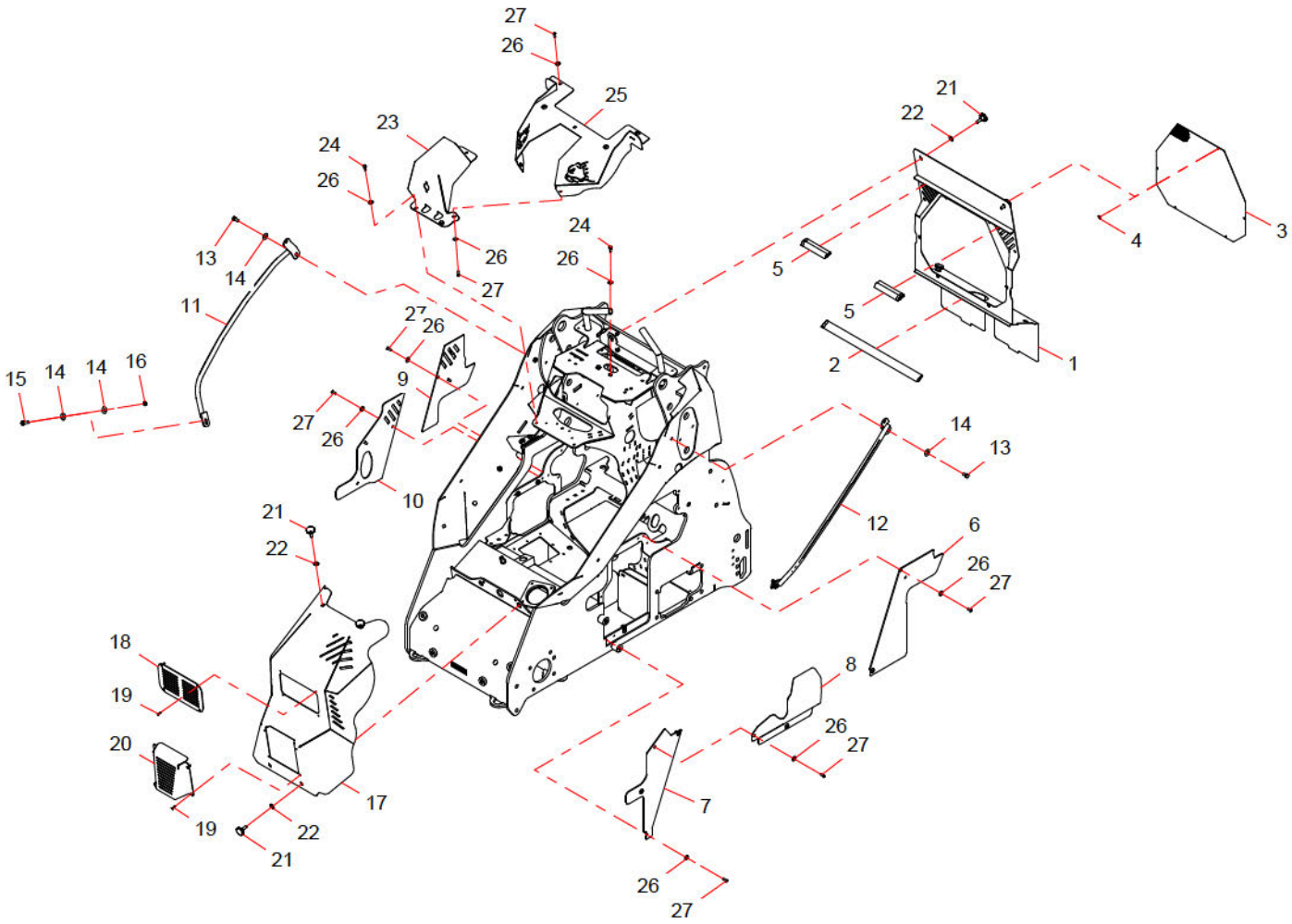
PARTS SECTION: LIFTING ARM

FIGURE 03.03 | Frame & body | Drawing on page 81

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		D-skid lifting arm weldment
2	1		Boomerang weldment
3	1		D-Skid top link left
4	1		D-Skid top link right
5	2		Hinge pin 25-69
6	1		Pin 32x422mm, wld
7	1		Hex cap bolt DIN933 M12x30
8	2		Hex cap bolt DIN933 M12x25
9	3	**1019-0121-00**	Nord-lock M12
10	3		Lock ring pin 12x50
11	2		Pin 32x105mm, wld
12	2		Spacer 32-70 1,5mm
13	1		Pin 25x128mm, wld
14	4		DIN 71412 Type B M6 x 1
15	8	**1014-9601-00**	Dust cover grease nipple red
16	4	**1053-5106-00**	Grease fitting 180dg M6x1
17	4		Pin 25x100mm, wld
18	10	**1018-9018-00**	Hex cap bolt DIN933 M10x20
19	10	**1019-0119-00**	Nord-lock SP body M10

PARTS SECTION: BODY PANELS

FIGURE 03.04 | Frame & body | Parts list on page 84



PARTS SECTION: BODY PANELS

FIGURE 03.04 | Frame & body | Drawing on page 83 | List 1 of 2

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Back cover skid
2	1		Edge trim
3	1		Back grill
4	6		Flat washer DIN9021A M4
5	1		Edge trim top
6	1		Side cover plate 2
7	1		Side cover plate left 3
8	1		Cover brake valve
9	1		Side cover plate RH 2
10	1		Side cover plate RH
11	1		Finger protection right
12	1		Finger protection left
13	2	**1018-9004-00**	Hex cap bolt DIN933 M8x16

PARTS SECTION: BODY PANELS

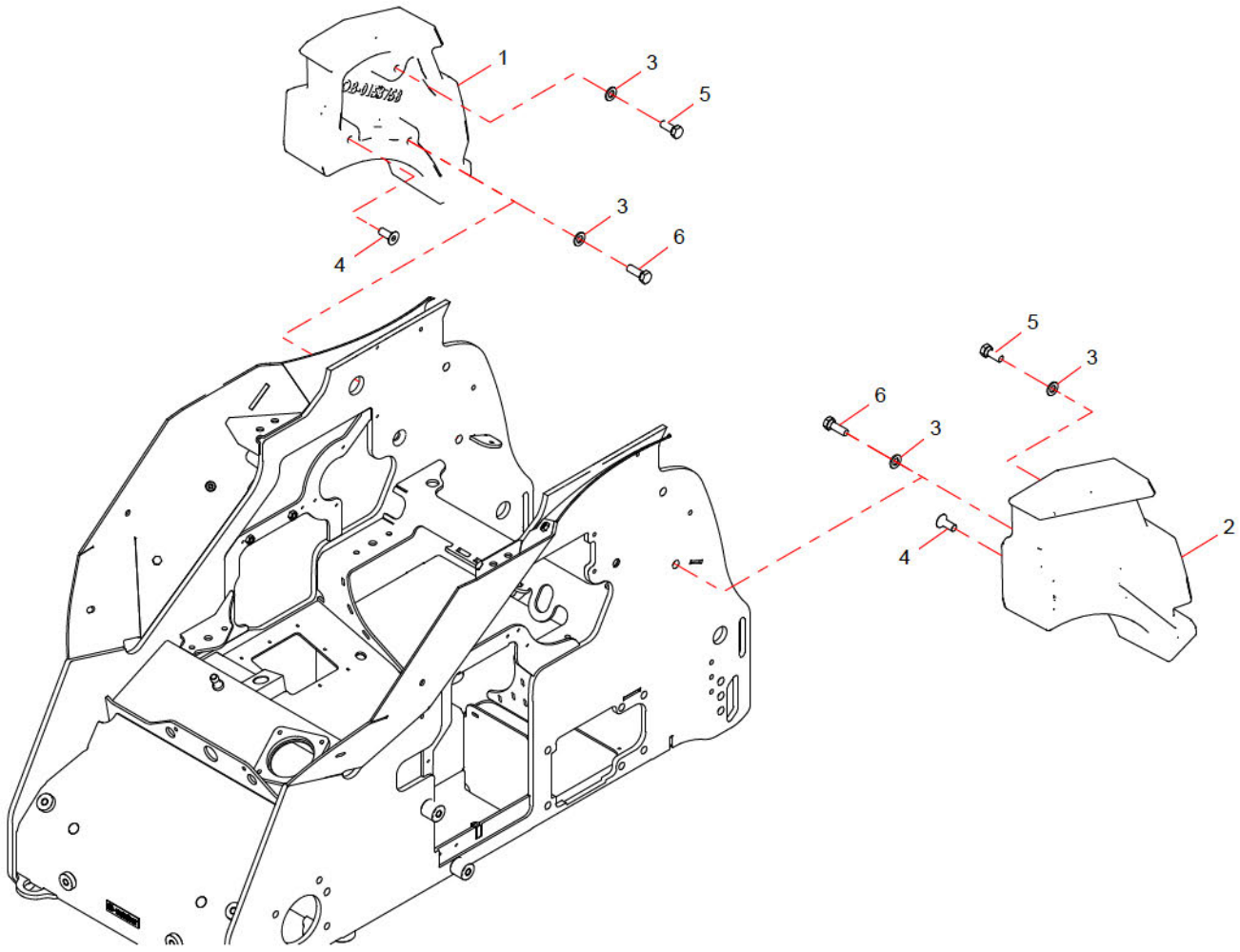
FIGURE 03.04 | Frame & body | Drawing on page 83 | List 2 of 2

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
14	6	**1019-0030-00**	Flat washer DIN9021A M8
15	2	**1018-1010-00**	Hex cap bolt DIN933 M8x25
16	2	**1013-0023-00**	Lock nut DIN985 M8
17	1		Engine cover
18	1		Louver skid
19	8		Blind rivet 4 x 16
20	1		Cover plate front
21	8		Draaiknop 30mm M8x20 type 3
22	8		Neopreenring A2 8.4x19 M8
23	1		Contact plate black
24	4	**1018-1005-00**	Hex cap bolt DIN933 M6x16
25	1		Top cover skid
26	23	**1019-0025-00**	Flat washer DIN9021A M6
27	19	**1018-9005-00**	Button cap DIN7380 M6x16

PARTS SECTION: COUNTERWEIGHT

FIGURE 03.05 | Frame & body

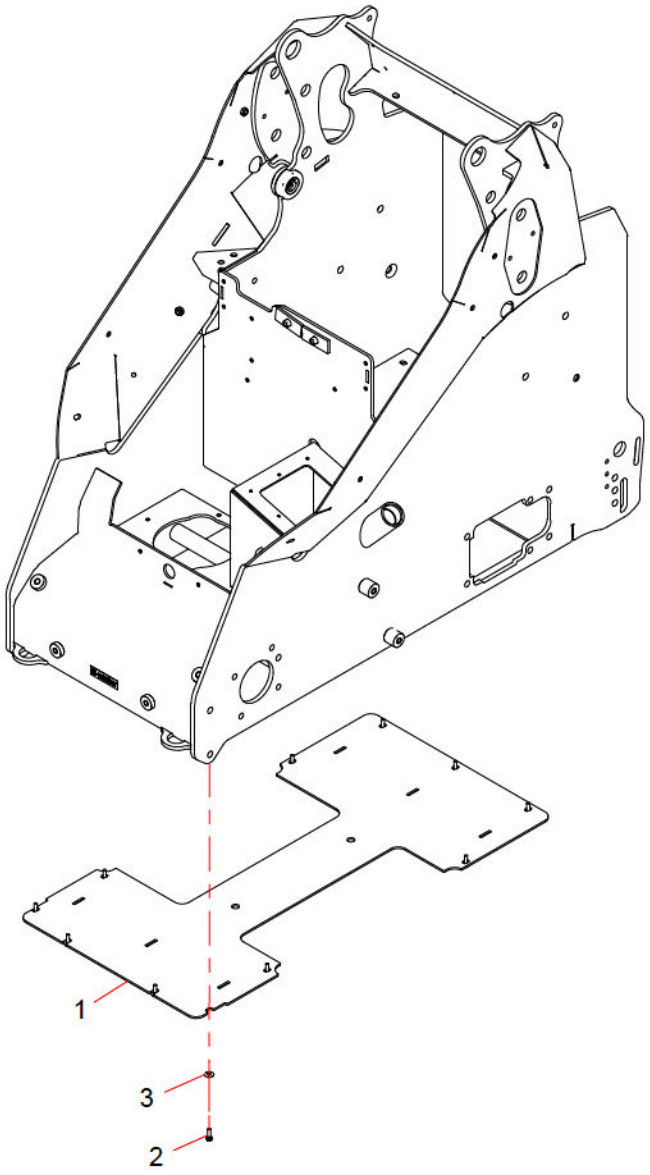
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Counterweight skid right
2	1		Counterweight skid left
3	4	**1019-0104-00**	Washer DIN125A M12
4	2	**1018-0004-00**	Flat cap DIN 7991 M12x30
5	2		Hex cap bolt DIN933 M12x30
6	2	**1018-1002-00**	Hex cap bolt DIN933 M12x35



PARTS SECTION: BOTTOM PLATE

FIGURE 03.06 | Frame & body

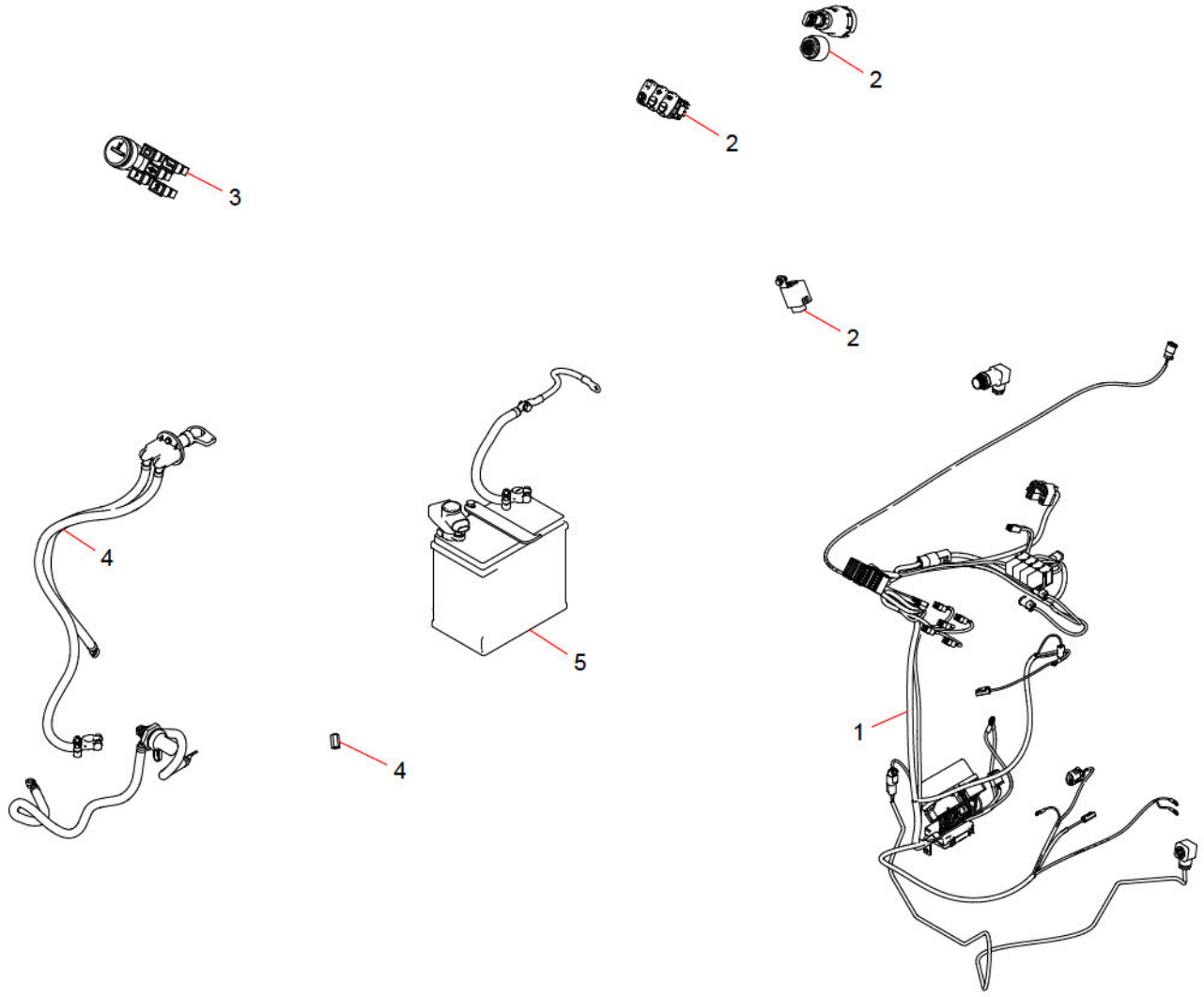
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Bottom plate Skid
2	11	**1018-1006-00**	Hex cap bolt DIN933 M6x20
3	11	**1019-0025-00**	Flat washer DIN9021A M6



PARTS SECTION: ELECTRICAL SYSTEM

FIGURE 04.01 | Electrical system

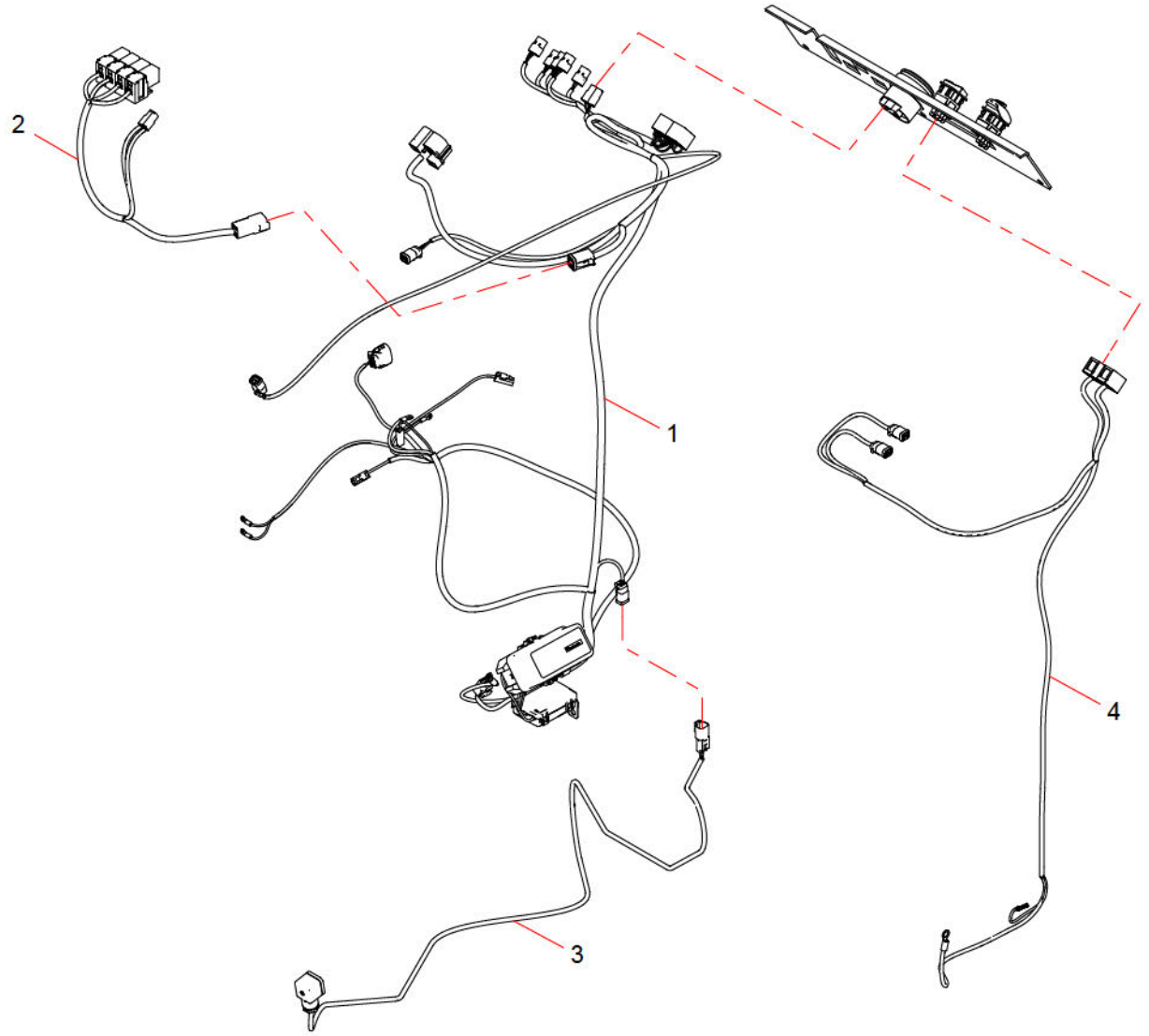
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		040.01. Wire harness (see p. 89)
2	1		040.02. Switch (see p. 90)
3	1		040.03. Control panel (see p. 92)
4	1		040.04. Jump start connector (see p. 93)
5	1		040.05. Battery (see p. 95)



PARTS SECTION: WIRE HARNESS

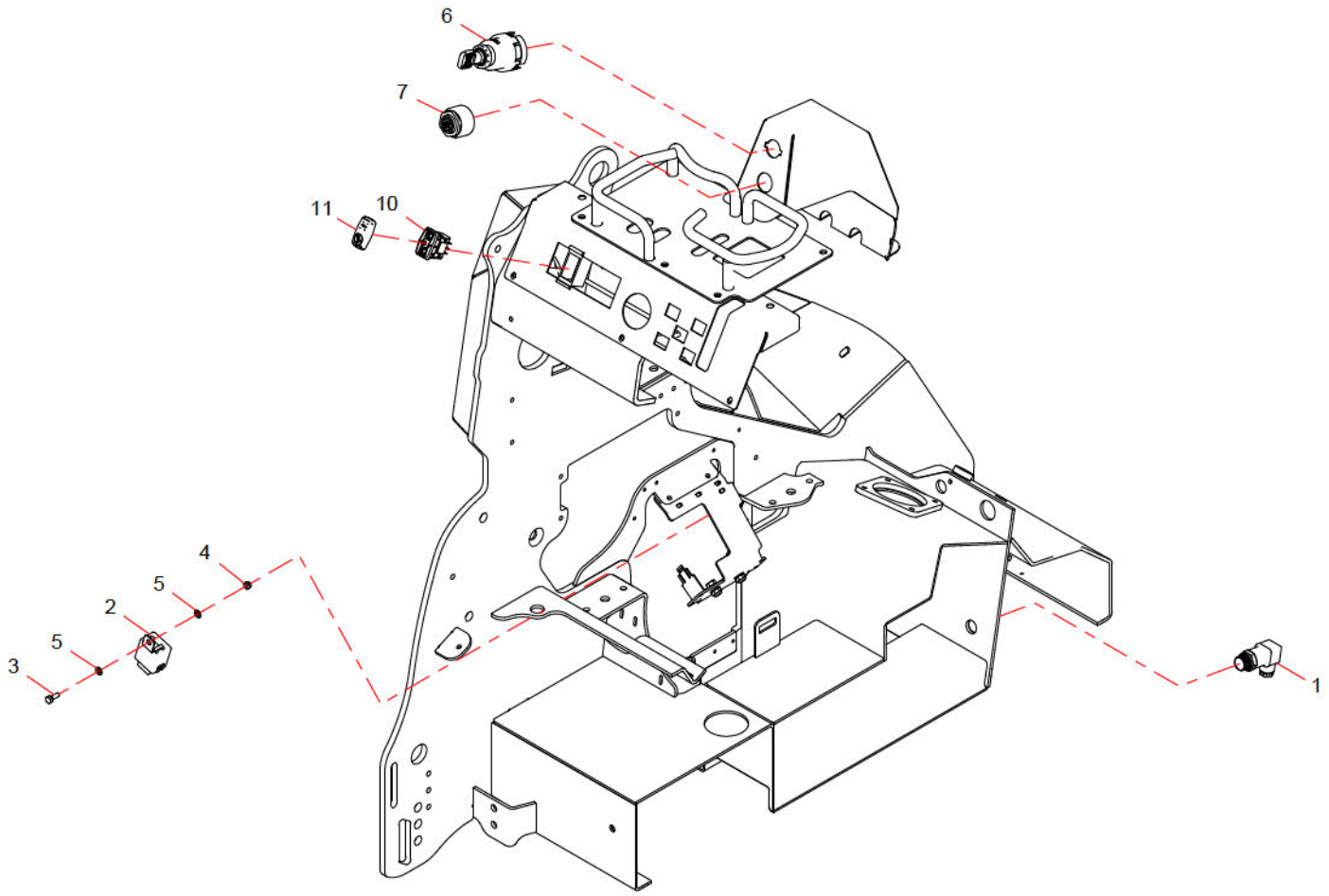
FIGURE 04.02 | Electrical system

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1086-9038-00**	Wire harness skid
2	1	**1086-9037-00**	Wire harness buzzer
3	1	**1086-9028-00**	Cable oil temp sensor 2P, asm
4	1	**1086-9035-00**	Wire harness Flexflow skid



PARTS SECTION: SWITCH

FIGURE 04.03 | Electrical system | Parts list on page 91



PARTS SECTION: SWITCH

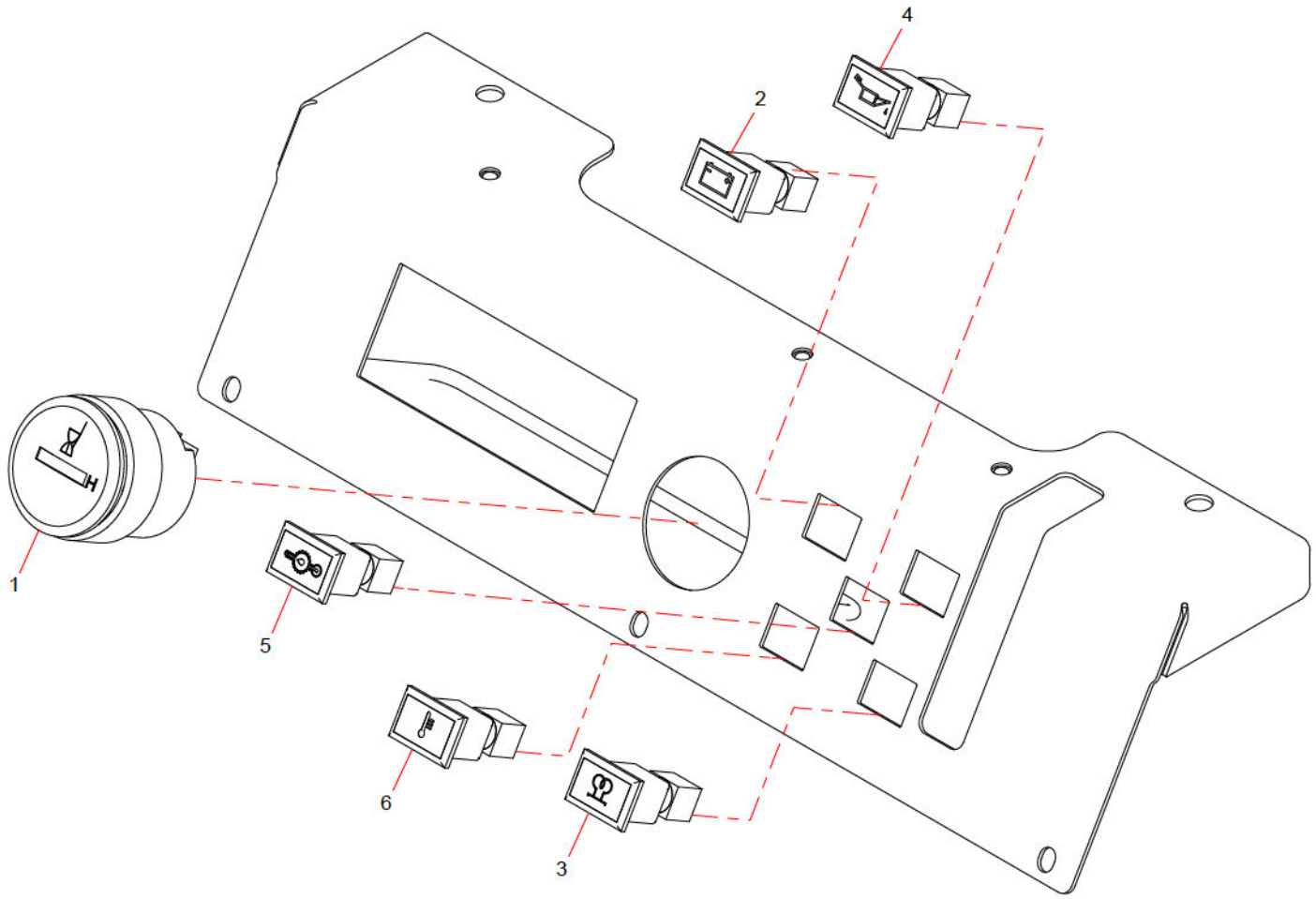
FIGURE 04.03 | Electrical system | Drawing on page 90

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1069-8060-00**	Thermostat 78-90 C 1/2" IP65
2	1	**1044-6051-00**	Timer relay Kubota D722/D902
3	1	**1018-1005-00**	Hex cap bolt DIN933 M6x16
4	1	**1013-0022-00**	Lock nut DIN985 M6
5	2	**1019-0120-00**	Washer DIN125A M6
6	1	**1042-9056-00**	Ignition switch Cobo NEW 26 mm (see p. 96)
7	1	**1086-9036-00**	Buzzer 9-32V 85db IP65
8	1	**1042-9060-00**	Rocker switch 0-1 lock 2nd GP
9	1	**1042-9059-00**	Rocker switch 0-1 lock speed
10	1	**1031-9086-00**	Rocker 2 bucket lock/unlock
11	1	**1042-9058-00**	Switch key 2L attachment unlock

PARTS SECTION: CONTROL PANEL

FIGURE 04.04 | Electrical system

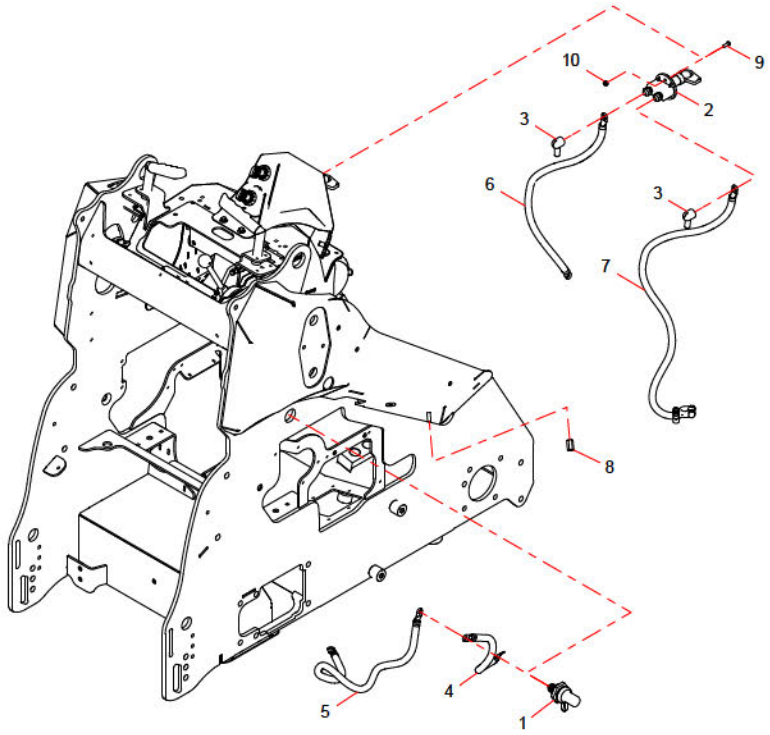
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1069-8061-00**	Hour meter 12/24V digital
2	1	**1046-6049-00**	Warning light charging
3	1	**1046-6050-00**	Warning light preheating
4	1	**1046-6051-00**	Warning light oil pressure engine low
5	1	**1046-6052-00**	Warning light hydr. oil temperature
6	1	**1046-6053-00**	Warning light coolant temperature



PARTS SECTION: JUMP START CONNECTOR

FIGURE 04.05 | Electrical system

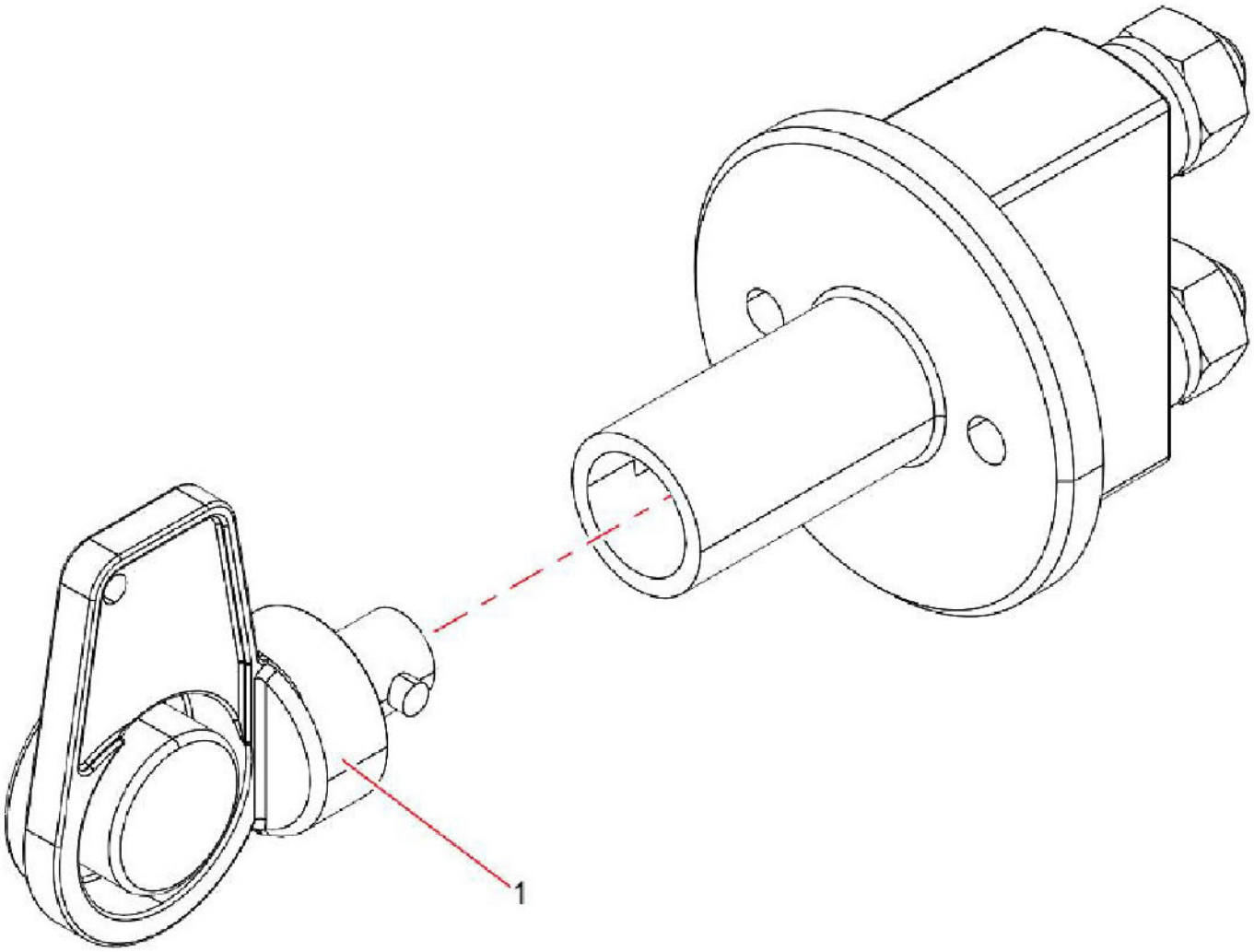
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1047-9011-00**	Jump start connection plus
2	1	**1042-9057-00**	Battery switch (see p. 94)
3	2		Insulator cap PB0120 35mm2
4	1	**1086-9031-00**	Cable jump to starter motor
5	1	**1086-9032-00**	+ve cable to jump start
6	1	**1086-9033-00**	Cable mass to switch
7	1	**1086-9034-00**	Cable battery to switch
8	1	**1013-9012-00**	Coupling nut DIN6334 M8
9	2	**1018-9005-00**	Button cap DIN7380 M6x16
10	2	**1013-0022-00**	Lock nut DIN985 M6



PARTS SECTION: BATTERY SWITCH ROUND 24V

FIGURE 04.06 | Electrical system

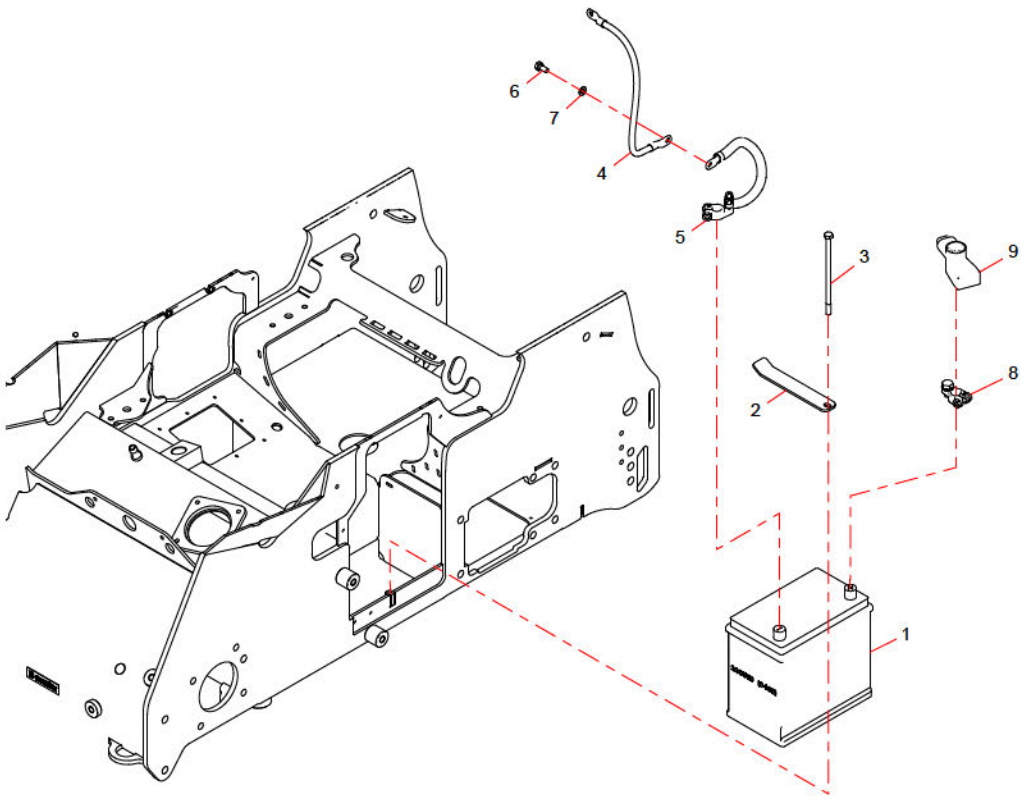
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Illustration



PARTS SECTION: BATTERY

FIGURE 04.07 | Electrical system

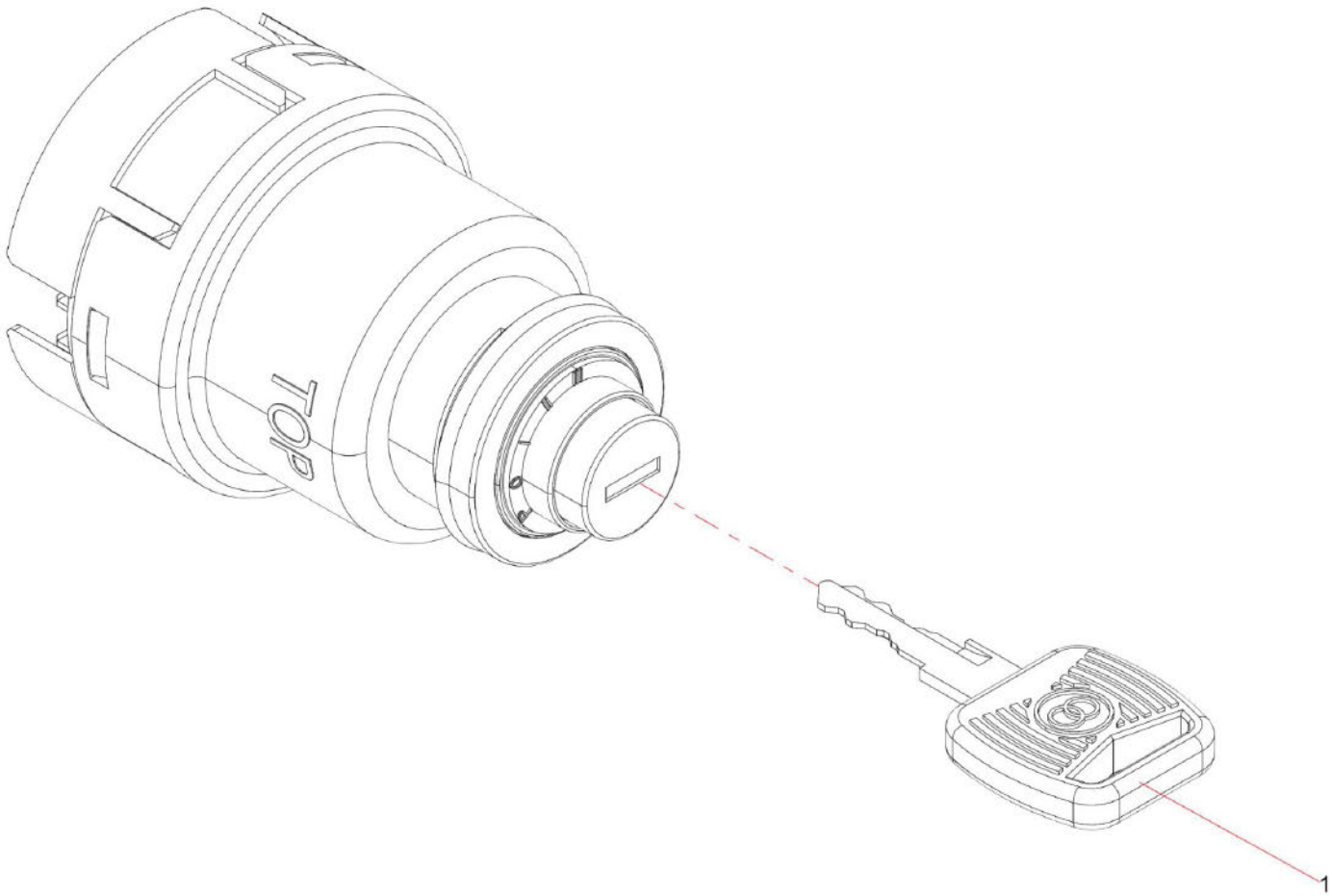
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1080-7001-00**	Battery 12V 45Ah
2	1	**1026-9103-00**	Fastening Strip Battery
3	1	**1018-9104-00**	Hex cap bolt DIN931 M8x160 8.8
4	1	**1086-9126-00**	Ground cable engine-frame skid
5	1	**1086-9027-00**	Ground cable Frame to Battery
6	1	**1018-9004-00**	Hex cap bolt DIN933 M8x16
7	1	**1019-0004-00**	Washer DIN125A M8
8	1	**1018-9017-00**	Accuklem plus + M10 bout
9	1	**1014-9109-00**	Battery terminal protective cap



PARTS SECTION: IGNITION SWITCH COBO NEW 26 MM

FIGURE 04.08 | Electrical system

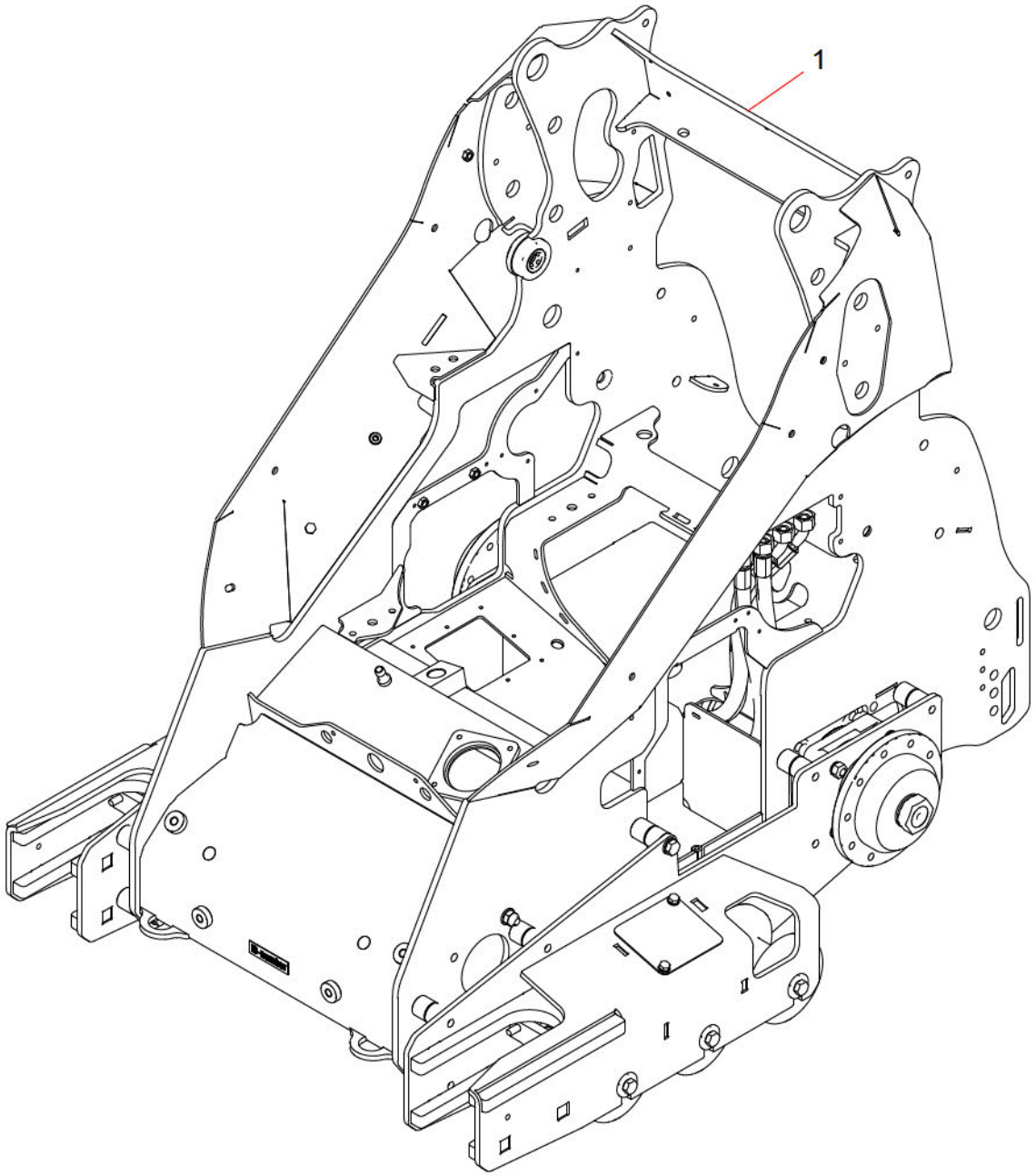
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1084-6002-00**	Ignition key



PARTS SECTION: DRIVE TRAIN

FIGURE 05.01 | Drive system

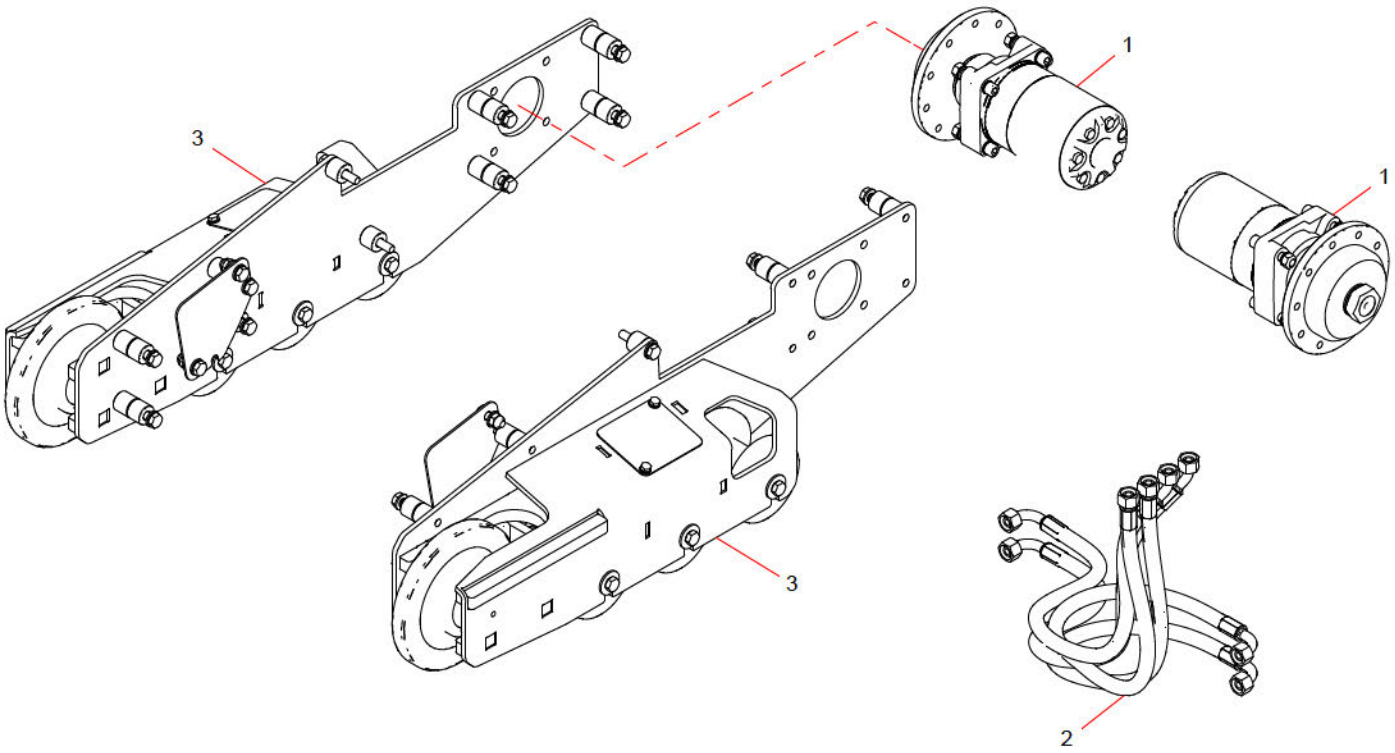
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		050.03. Tracks 230mm (see p. 98)



PARTS SECTION: TRACKS 230MM

FIGURE 05.02 | Drive system

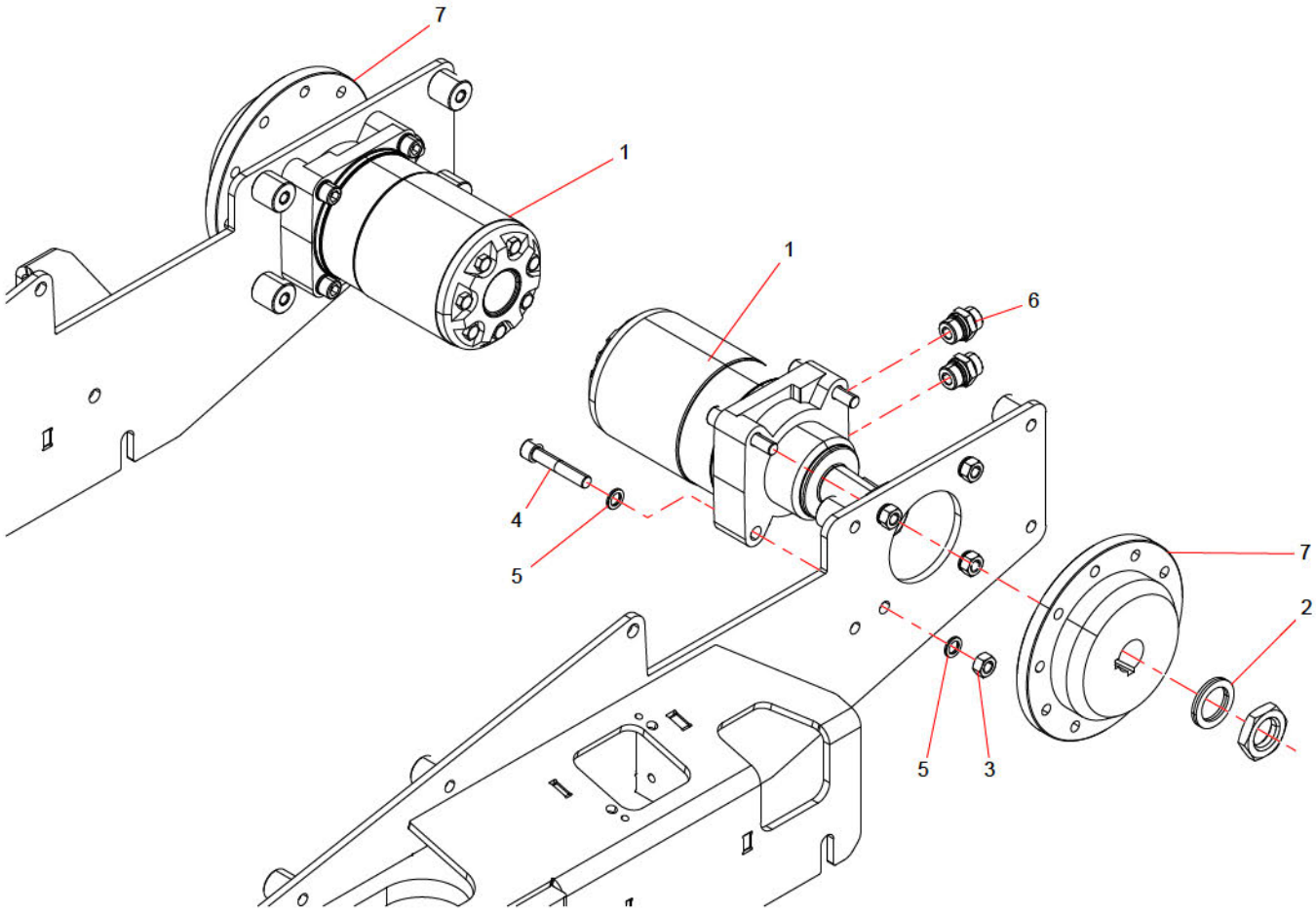
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		050.03.01. Hydro motor (see p. 99)
2	1		050.03.02. Hoses (see p. 100)
3	1		050.03.03. Undercarriage (see p. 101)



PARTS SECTION: HYDRO MOTOR

FIGURE 05.03 | Drive system

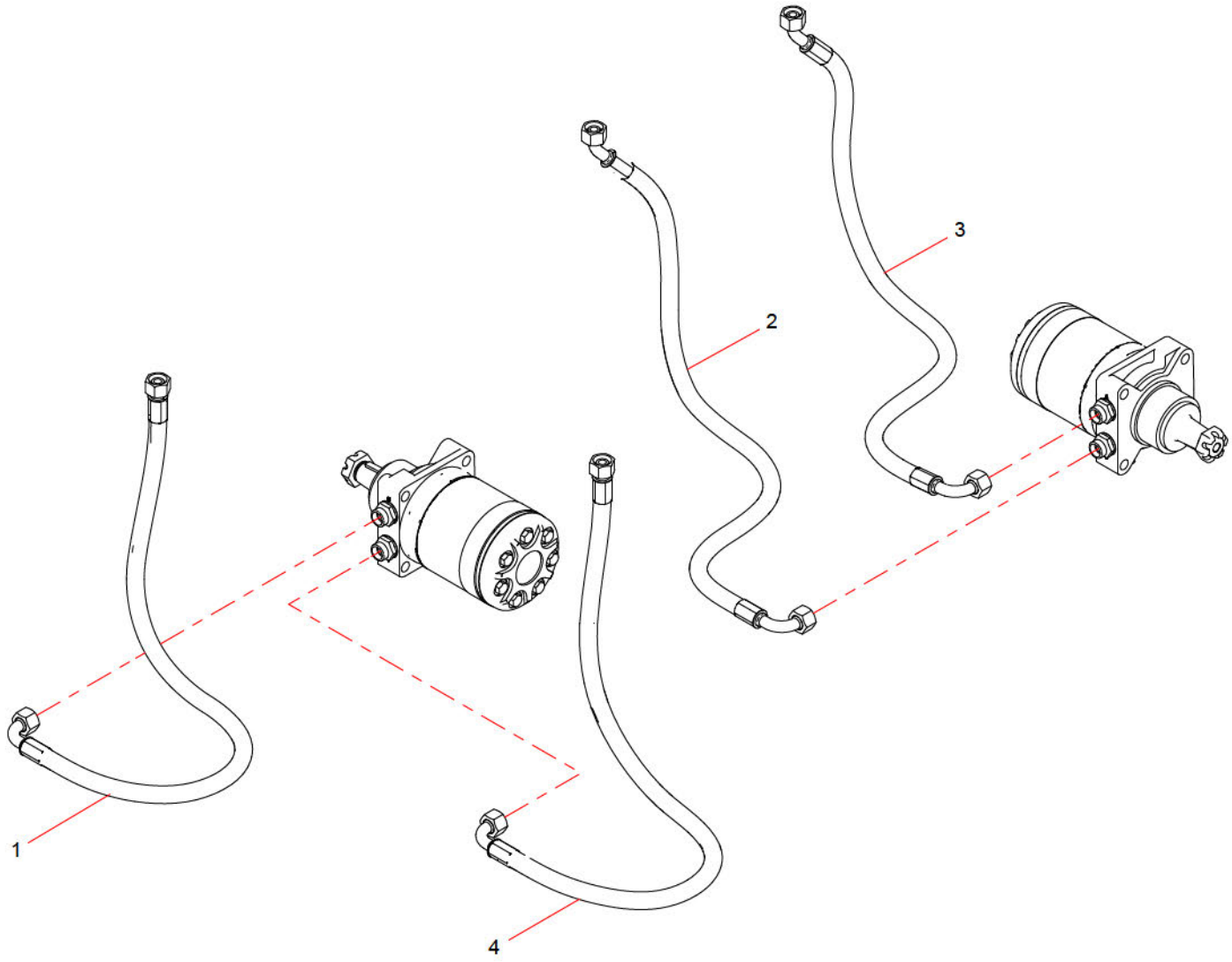
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	2	**1058-6001-00**	Hydromotor 530cc US310
2	2	**1019-0031-00**	Nord-lock 1 1/4"
3	8	**1013-0013-00**	Nut DIN934 M12
4	8	**1024-9114-00**	Socket cap DIN912 M12x65 10_9
5	16	**1019-0121-00**	Nord-lock M12
6	4	**1053-5108-00**	Screw in O15L-O7/8UNF
7	2	**1022-9114-00**	Sprocket flange skid



PARTS SECTION: HOSES

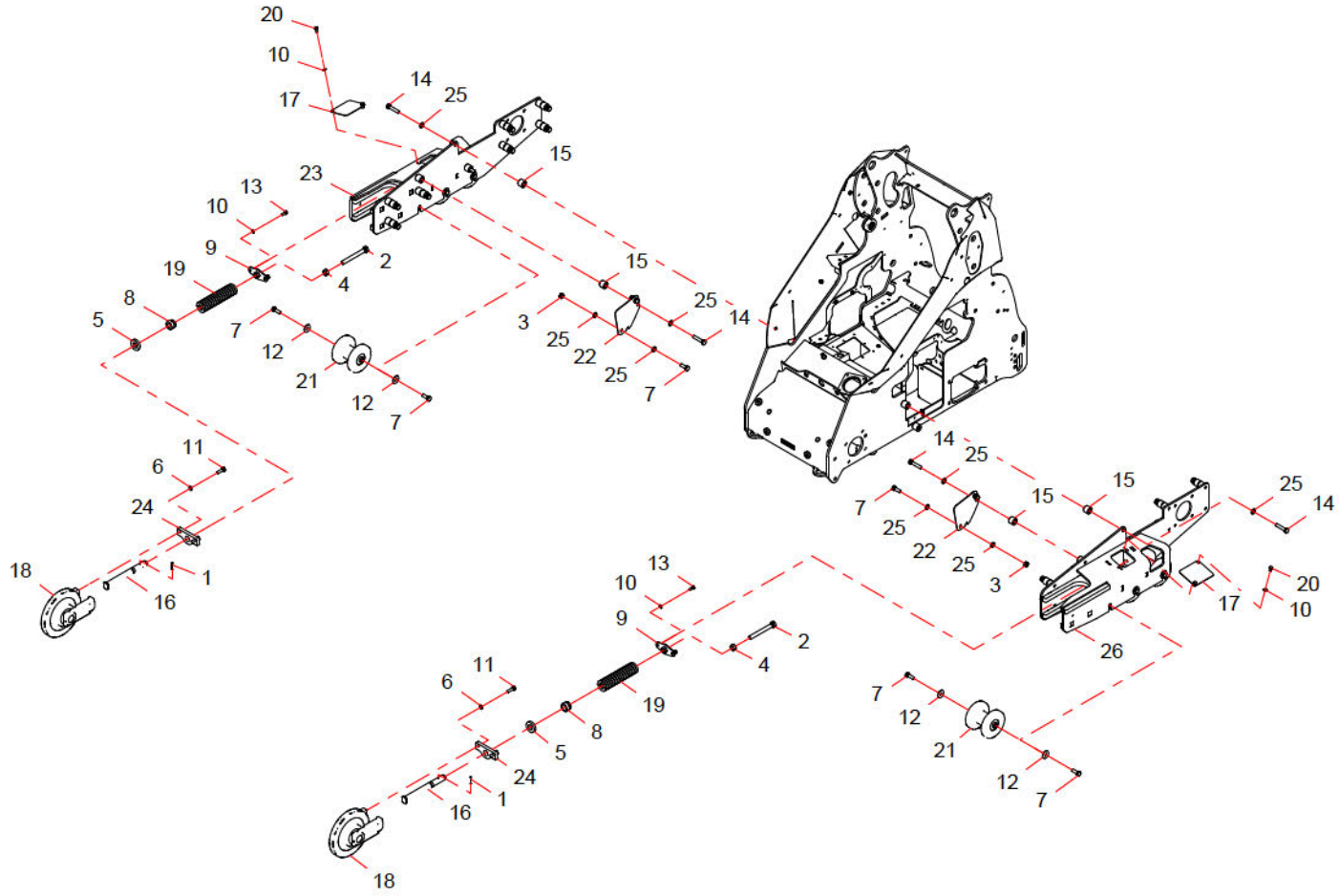
FIGURE 05.04 | Drive system

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1054-8022-00**	Hose brake valve D1 to rear LHB
2	1	**1054-8023-00**	Hose brake valve A1 to rear RHB
3	1	**1054-8021-00**	Hose brake valve B1 to rear RHA
4	1	**1054-8024-00**	Hose brake valve C1 to rear LHA



PARTS SECTION: UNDERCARRIAGE

FIGURE 05.05 | Drive system | Parts list on page 102



PARTS SECTION: UNDERCARRIAGE

FIGURE 05.05 | Drive system | Drawing on page 101 | List 1 of 2

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	2	**1020-0011-00**	Roll pin DIN1481 5x36
2	2	**1018-0045-00**	Hex cap bolt DIN933 M16x140
3	4	**1013-0021-00**	Lock nut DIN985 M12
4	2	**1013-0014-00**	Nut DIN934 M16
5	2	**1019-0001-00**	Flat washers Din7349 M24
6	4	**1019-0022-00**	Washer DIN125A M10
7	16	**1018-1002-00**	Hex cap bolt DIN933 M12x35
8	2	**1013-0096-00**	DIN 935-1 M24
9	2	**1013-0024-00**	Lock nut, wld (see p. 107)
10	8	**1019-0004-00**	Washer DIN125A M8
11	4	**1018-1001-00**	Hex cap bolt DIN933 M10x35
12	12	**1019-0023-00**	Flat washer DIN9021A M12
13	4	**1018-1009-00**	Hex cap bolt DIN933 M8x20

PARTS SECTION: UNDERCARRIAGE

FIGURE 05.05 | Drive system | Drawing on page 101 | List 2 of 2

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
14	20	**1018-1003-00**	Hex cap bolt DIN933 M12x60
15	20	**1032-9903-00**	Bush 2
16	2	**1037-0001-00**	Shaft spindle
17	2	**1014-9101-00**	Inspection hatch
18	2	**1022-0020-00**	Front wheel (see p. 106)
19	2	**1040-7102-00**	Stamp spring
20	4	**1018-9004-00**	Hex cap bolt DIN933 M8x16
21	6	**1022-9113-00**	Track roller 230
22	2	**1026-0051-00**	Inner side clamping plate
23	1	**1075-5302-00**	Frame skid track R,wld (see p. 104)
24	2	**1026-0050-00**	Plate fork holder
25	28	**1019-0104-00**	Washer DIN125A M12
26	1	**1075-5303-00**	Frame skid track L,wld (see p. 105)

PARTS SECTION: FRAME SKID TRACK R,WLD

FIGURE 05.06 | Drive system

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	8		Bush 3
2	2		Bar 1
3	1		Outlet plate
4	1		Back plate 2
5	1		Set plate left
6	1		Brace
7	1		Reinforcement plate

Drawing not supplied for this component list.

PARTS SECTION: FRAME SKID TRACK L,WLD

FIGURE 05.07 | Drive system

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Reinforcement plate
2	1		Outlet plate
3	2		Bar 1
4	1		Set plate right
5	1		Back plate
6	1		Brace
7	8		Bush 3

Drawing not supplied for this component list.

PARTS SECTION: FRONT WHEEL

FIGURE 05.08 | Drive system

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Wheel bracket
2	1		Wheel bracket 2
3	1		Idler wheel

Drawing not supplied for this component list.

PARTS SECTION: LOCK NUT, WLD

FIGURE 05.09 | Drive system

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Weld nut DIN929 M16
2	1		Plate lock nut

Drawing not supplied for this component list.

PARTS SECTION: SUCTION BLOCK COMPONENTS

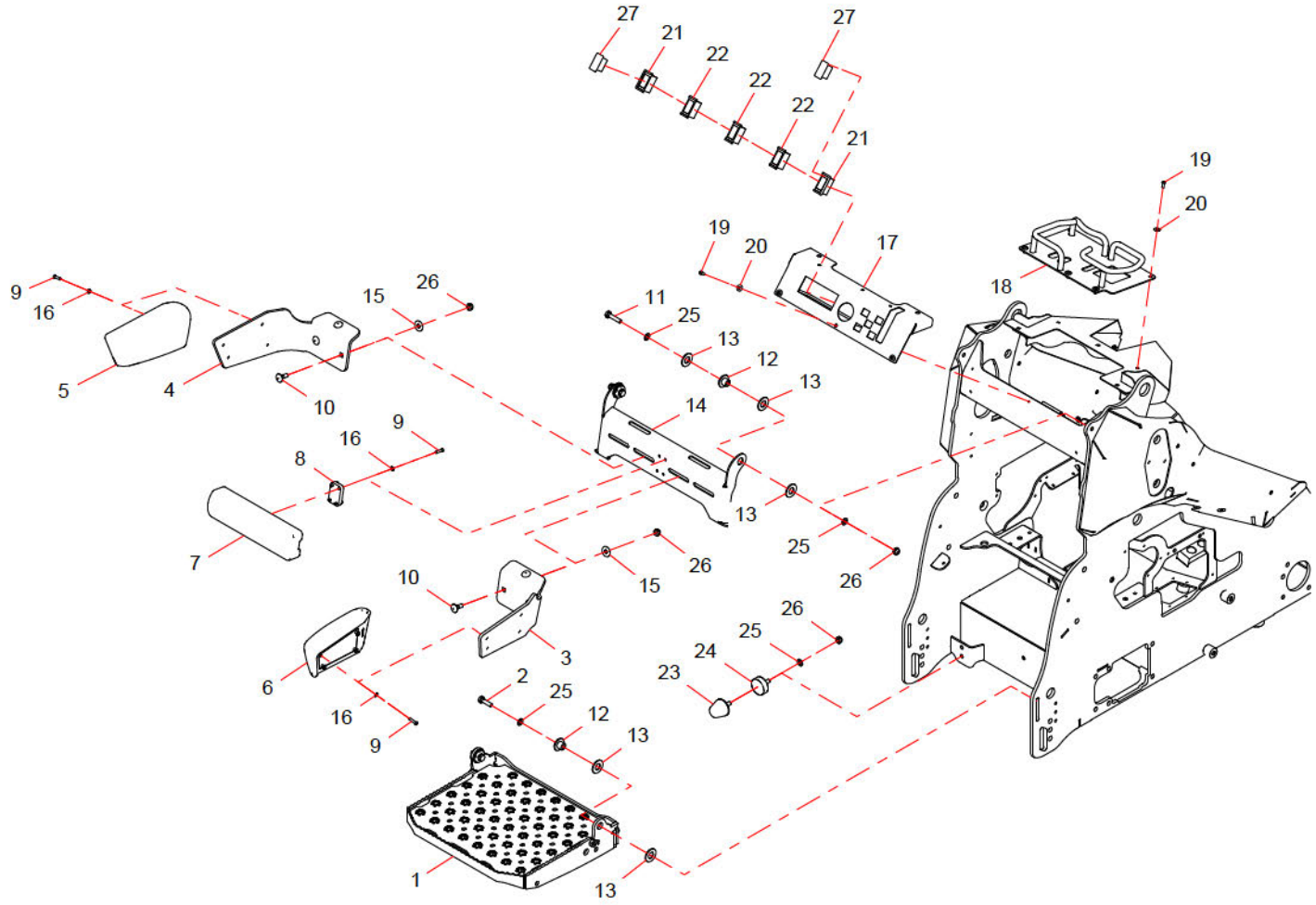
FIGURE 05.10 | Drive system

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1027-9103-00**	Tube nipple G1" (2)
2	1	**1099-7101-00**	Suction block
3	1	**1027-9102-00**	Tube nipple G1"

Drawing not supplied for this component list.

PARTS SECTION: OPERATOR STATION

FIGURE 06.01 | Operator platform | Parts list on page 110



PARTS SECTION: OPERATOR STATION

FIGURE 06.01 | Operator platform | Drawing on page 109 | List 1 of 2

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1026-9006-00**	Weldment foot plate
2	2	**1018-1001-00**	Hex cap bolt DIN933 M10x35
3	1	**1075-5203-00**	Hip protection right
4	1	**1075-5204-00**	Hip protection left
5	1	**1071-9003-00**	Skid cushion LH
6	1	**1071-9004-00**	Skid cushion RH
7	1	**1071-9005-00**	Skid Cushion front
8	1	**1039-9106-00**	Cushion mounting
9	12	**1018-9006-00**	Button cap DIN7380 M6x25
10	6	**1018-9007-00**	Carriage bolt DIN603 M10x30
11	2	**1018-9015-00**	Hex cap bolt DIN933 M10x45
12	4	**1032-9103-00**	Hinge bushing hip frame Skid
13	10	**1019-0319-00**	Nylon washer 21x40x3 mm
14	1	**1075-5202-00**	Waist protection frame

PARTS SECTION: OPERATOR STATION

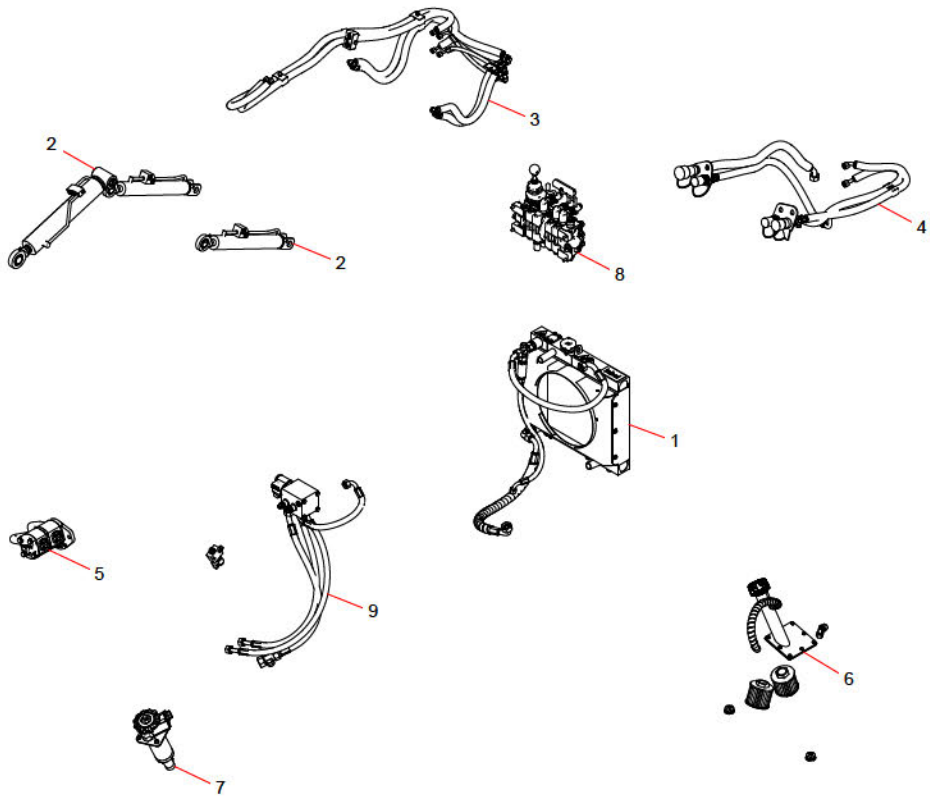
FIGURE 06.01 | Operator platform | Drawing on page 109 | List 2 of 2

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
15	6	**1019-0220-00**	Flat washer DIN9021A M10
16	12	**1019-0120-00**	Washer DIN125A M6
17	1	**1079-7004-00**	Operator panel
18	1	**1079-7005-00**	Control panel black
19	10	**1018-9005-00**	Button cap DIN7380 M6x16
20	10	**1019-0025-00**	Flat washer DIN9021A M6
21	2	**1042-9053-00**	Switch holder (end)
22	3	**1042-9051-00**	Switch holder (center)
23	2	**1039-9103-00**	Buffer type D d50h39 M10 57Sh
24	2	**1018-9012-00**	Buffer 50x17 M10x28 Bolt Std.
25	10	**1019-0022-00**	Washer DIN125A M10
26	12	**1013-0020-00**	Lock nut DIN985 M10
27	2	**1026-9004-00**	Afdekplaatje schakelaar Cobo
28	1		Manual holder

PARTS SECTION: HYDRAULIC SYSTEM

FIGURE 07.01 | Hydraulic system

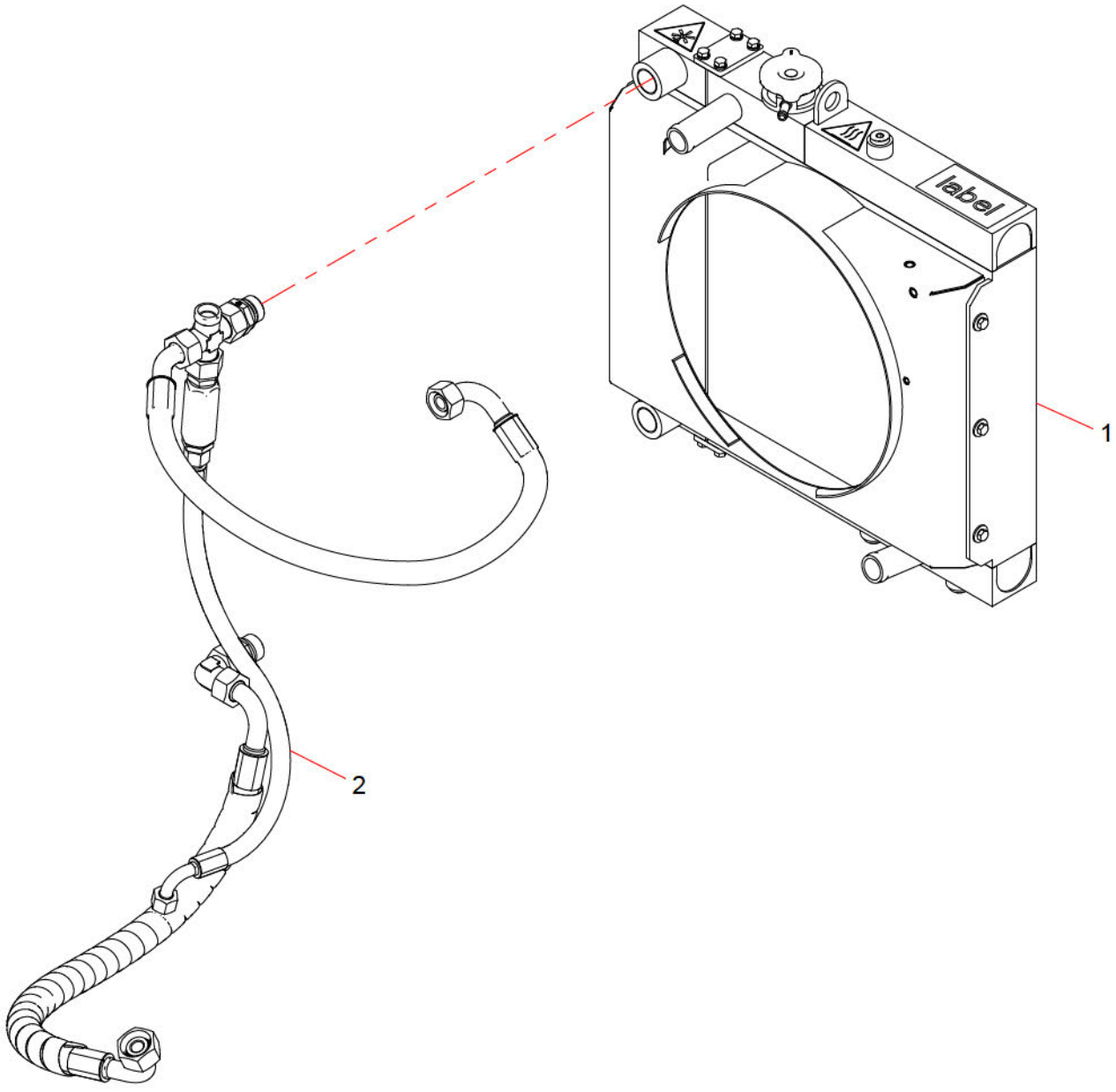
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		070.01. Cooler (see p. 113)
2	1		070.02. Cylinder GRP (see p. 114)
3	1		070.03. Lines GRP cylinders (see p. 117)
4	1		070.04. Lines GRP front aux. (see p. 119)
5	1		070.05. Hydraulic pump (see p. 120)
6	1		070.06. Hydraulic tank (see p. 122)
7	1		070.07. Combi filter (see p. 124)
8	1		070.08. Control valve (see p. 126)
9	1		070.09. Valve GRP manifold (see p. 130)



PARTS SECTION: COOLER

FIGURE 07.02 | Hydraulic system

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1015-0141-00***	070.01.01. Cooler hydr. oil (see p. 131)
2	1		070.01.02. Cooler lines (see p. 132)

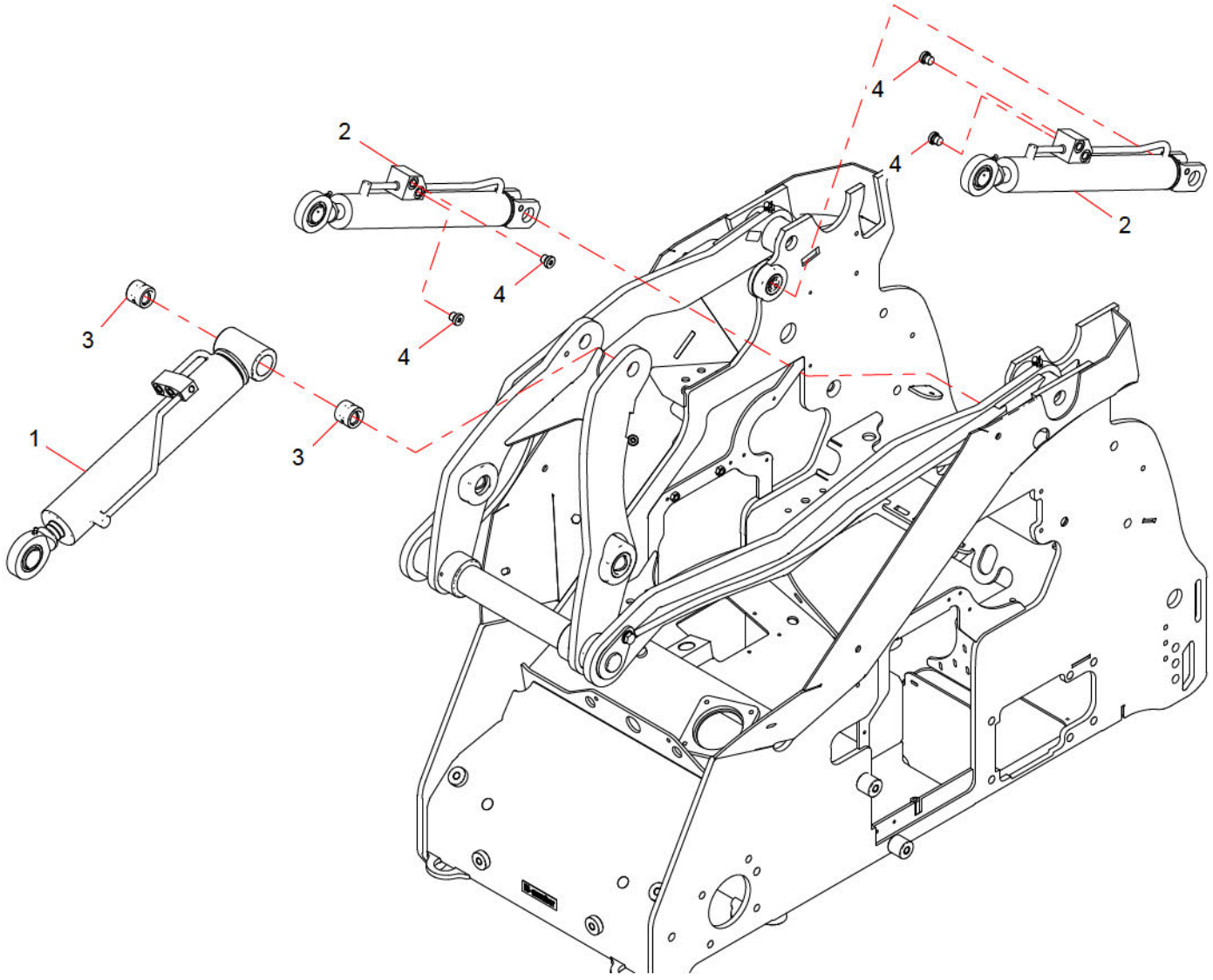


* Number identifies the sole component in the supplied breakdown.

PARTS SECTION: CYLINDER GRP

FIGURE 07.03 | Hydraulic system

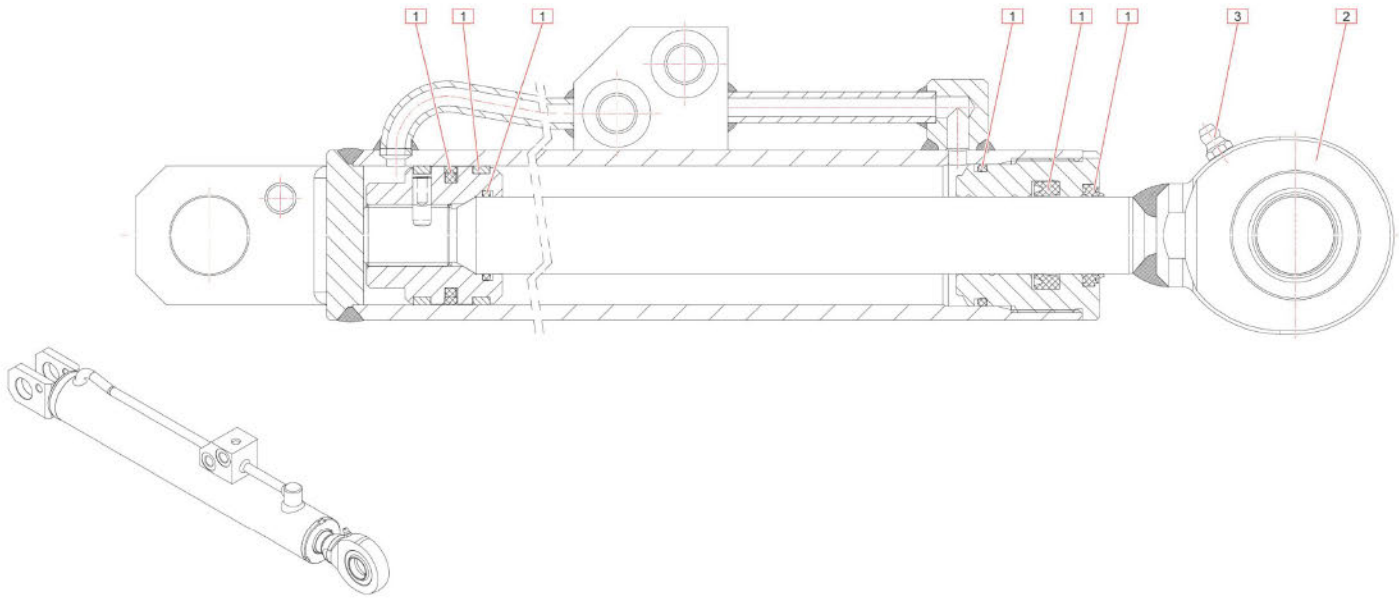
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1056-8064-00**	Cylinder top 60 / 30 / 293 (see p. 116)
2	2	**1056-8060-00**	Cylinder lift 45 / 25 / 295 (see p. 115)
3	2	**1032-9104-00**	CSB200 25x35x30
4	4	**1050-9417-00**	Plug 1/4"



PARTS SECTION: LIFT CYLINDER SKID STEER

FIGURE 07.04 | Hydraulic system

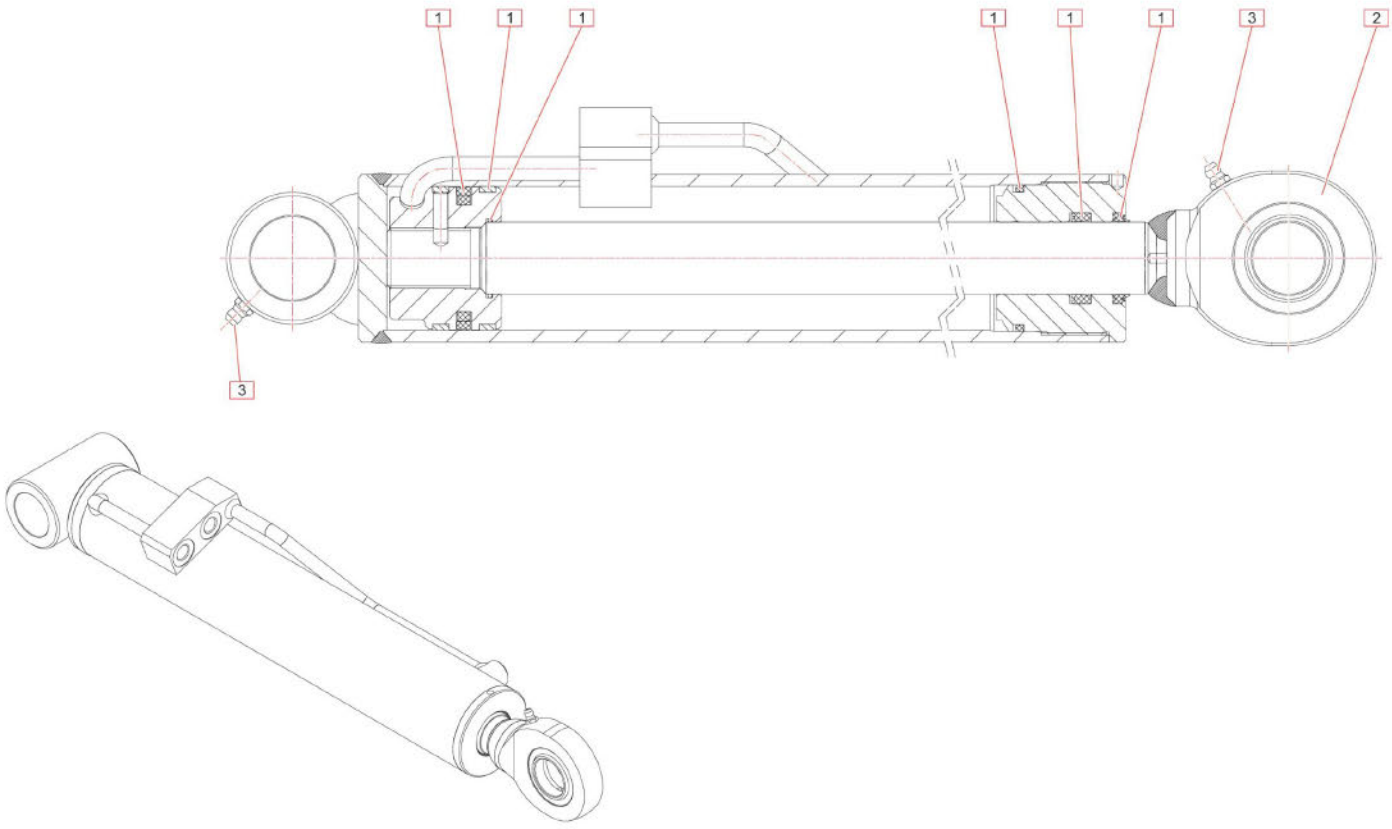
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1033-8060-00**	Seal kit 45x25 DA
2	1	**1056-8065-00**	Spherical bearing 25 mm to weld
3	1	**1053-5206-00**	Grease nipple



PARTS SECTION: TILT CYLINDER SKID STEER

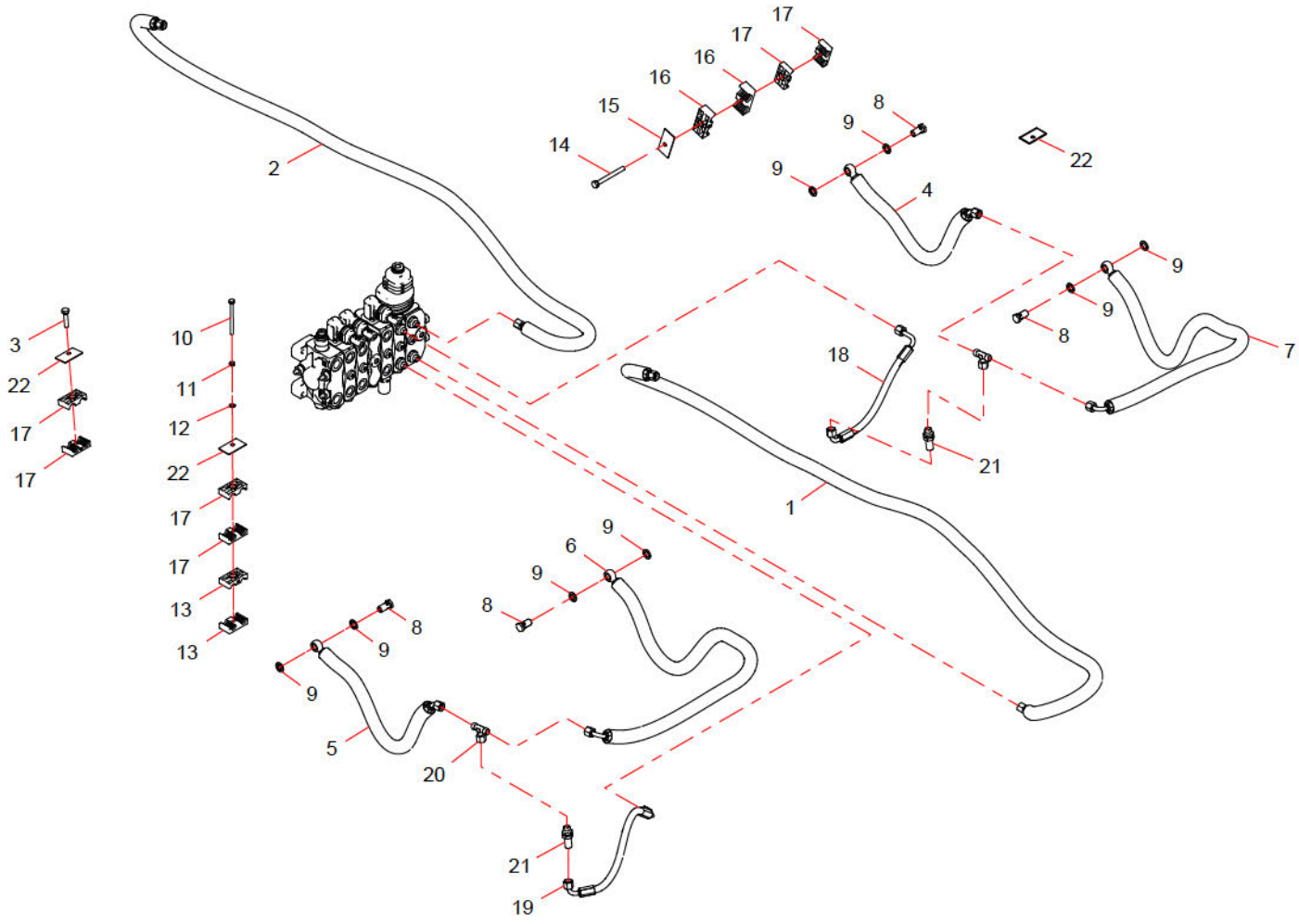
FIGURE 07.05 | Hydraulic system

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1033-8154-00**	Seal kit 60x30 DA
2	1	**1056-8062-00**	Spherical bearing 30 mm to weld
3	1	**1053-5206-00**	Grease nipple



PARTS SECTION: LINES GRP CYLINDERS

FIGURE 07.06 | Hydraulic system | Parts list on page 118



PARTS SECTION: LINES GRP CYLINDERS

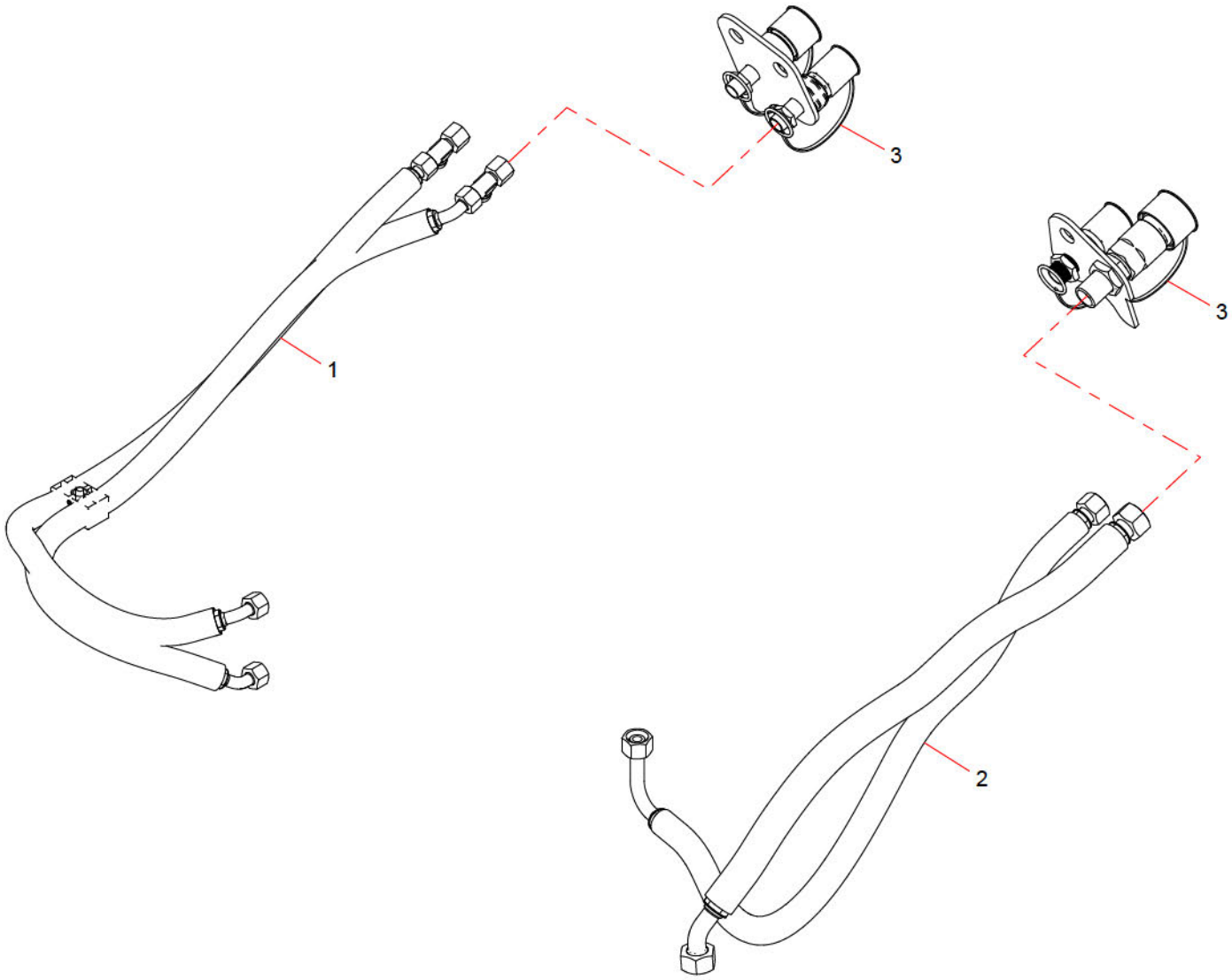
FIGURE 07.06 | Hydraulic system | Drawing on page 117

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1054-8051-00**	Hose top cyl rod to P valve A5
2	1	**1054-8052-00**	Hose top cyl btm to P valve B5
3	1	**1018-9016-00**	Hex cap bolt DIN933 M8x35
4	1	**1054-8029-00**	Hose lift cyl LHS T NR B to CB
5	1	**1054-8030-00**	Hose lift cyl LHS T NR A to CR
6	1	**1054-8031-00**	Hose lift cyl RHS T NR A to CR
7	1	**1054-8032-00**	Hose lift cyl RHS T NR B to CB
8	4	**1018-9009-00**	Banjo bolt G1/4"
9	8	**1033-8051-00**	bonded seal G 1/4"
10	1	**1018-9019-00**	Hex cap bolt DIN933 M6x80
11	1	**1013-0015-00**	Nut DIN934 M6
12	1	**1019-0120-00**	Washer DIN125A M6
13	2	**1052-8106-00**	Tube clamp double 15
14	1	**1018-9020-00**	Hex cap bolt DIN933 M8x80
15	1	**1052-8009-00**	Clamp cover double 20-25
16	2	**1052-8107-00**	Tube clamp double 22
17	6	**1052-8001-00**	Tube clamp double 18
18	1	**1054-8049-00**	Hose control valve B4 to NR B
19	1	**1054-8050-00**	Hose control valve A4 to NR A
20	2	**1053-5110-00**	fitting T O8L-I8L-O8L
21	2	**1053-5211-00**	Bulkhead O8L - O8L
22	3	**1052-8002-00**	Clamp cover double 14-18

PARTS SECTION: LINES GRP FRONT AUX.

FIGURE 07.07 | Hydraulic system

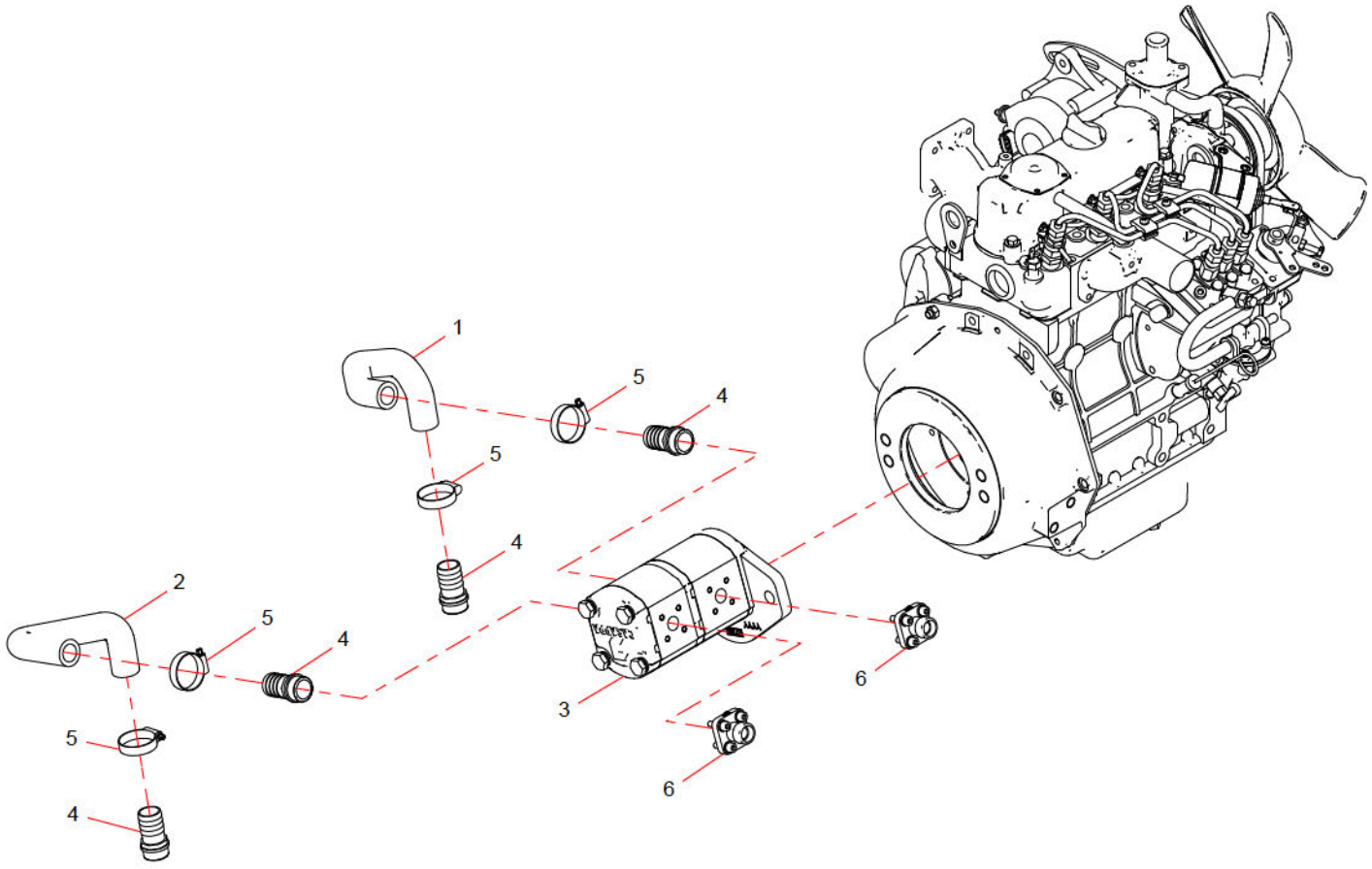
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		070.40.01. Left side (see p. 133)
2	1		070.04.02. Right side (see p. 134)
3	1		070.04.03. Quick coupling (see p. 135)



PARTS SECTION: HYDRAULIC PUMP

FIGURE 07.08 | Hydraulic system

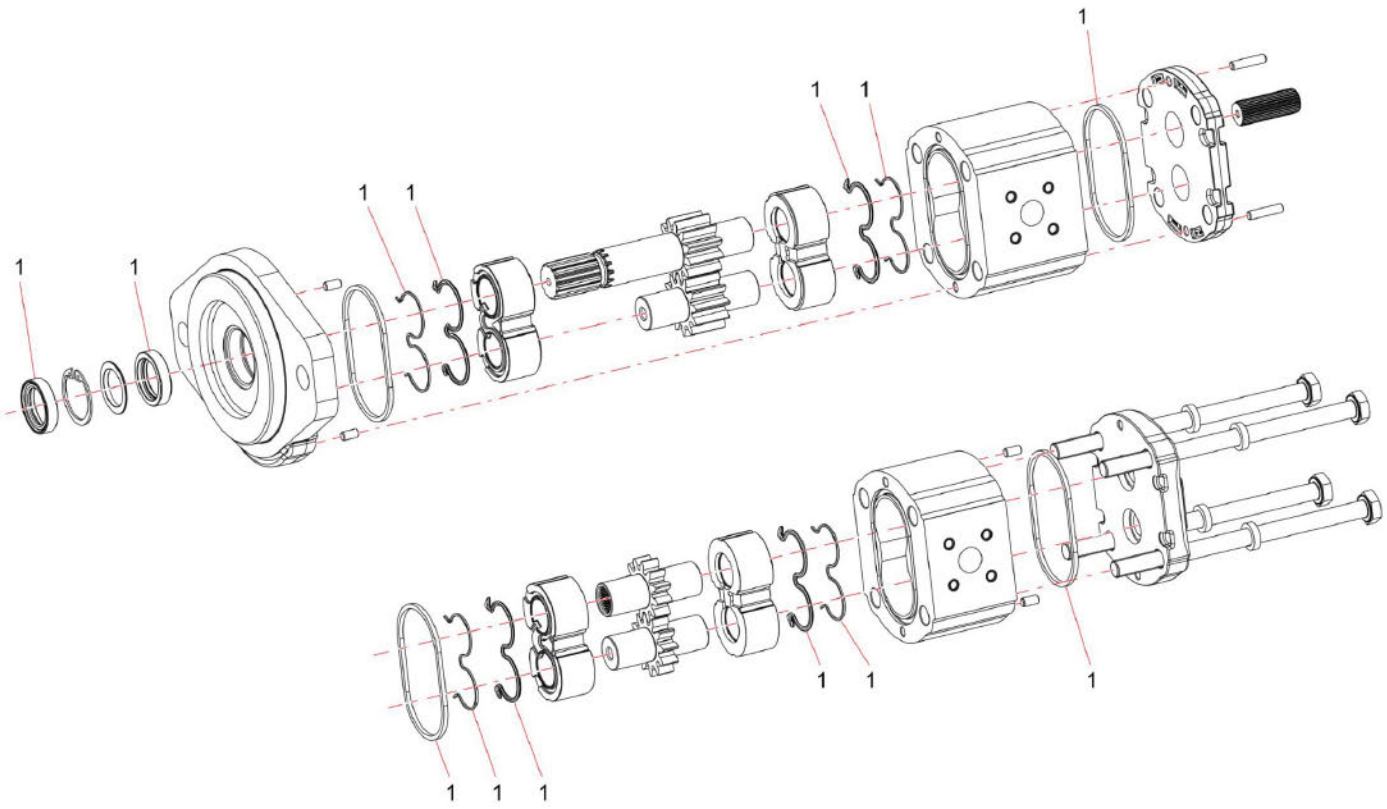
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1054-8042-00**	Hose oil tank to gear pump S1
2	1	**1054-8041-00**	Hose oil tank to gear pump S2
3	1	**1057-8947-00**	Gear pump 14.5cc + 6.6cc SAE-B (see p. 121)
4	4	**1054-8020-00**	Slangtule 3/4 BU x 25mm slang
5	4	**1052-8101-00**	Hose clamp 26-38 mm
6	2	**1057-8936-00**	Pump flange 15L / LK35 straight



PARTS SECTION: GEAR PUMP 14.5CC + 6.6CC SAE-B

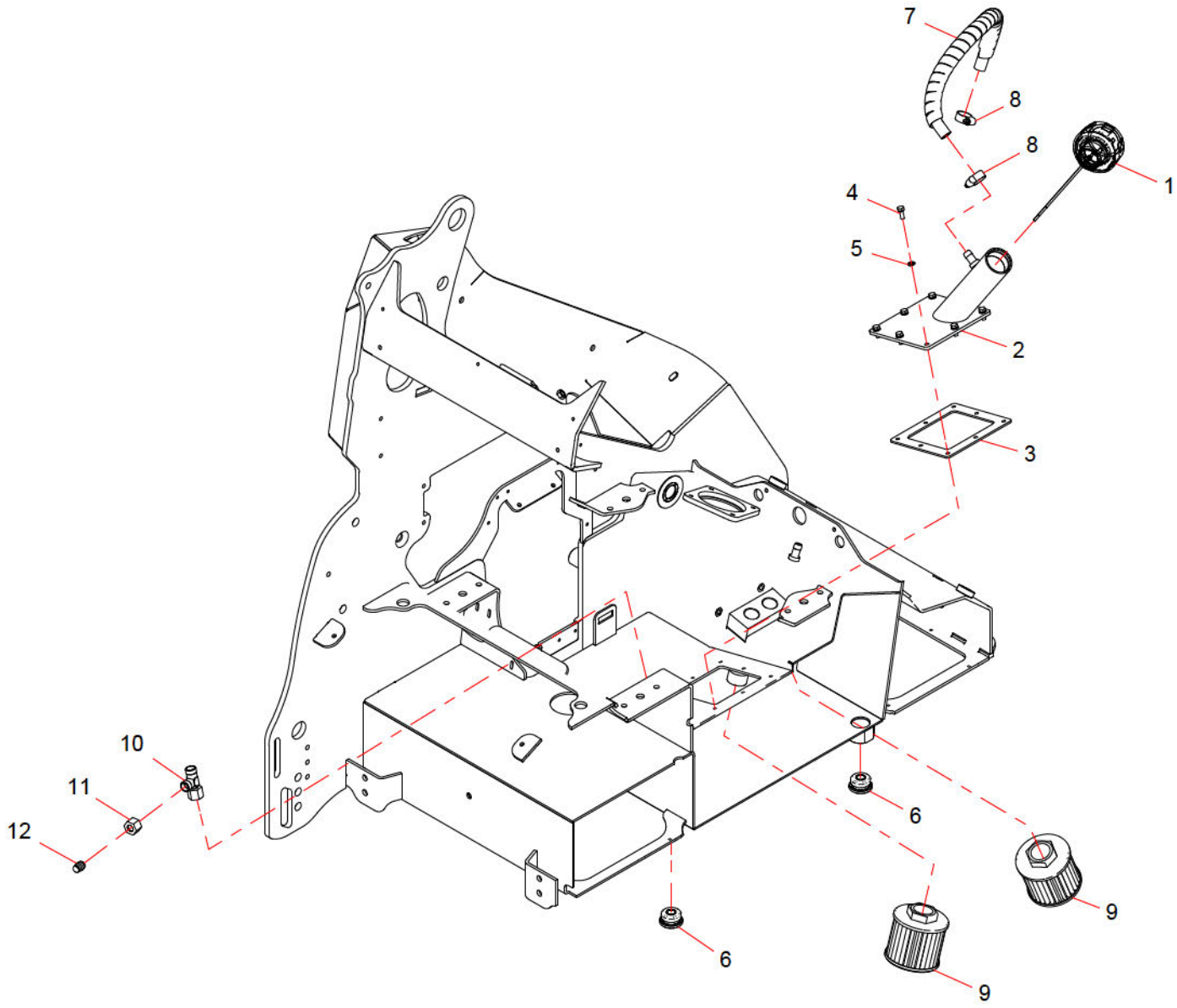
FIGURE 07.09 | Hydraulic system

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Seal kit complete



PARTS SECTION: HYDRAULIC TANK

FIGURE 07.10 | Hydraulic system | Parts list on page 123



PARTS SECTION: HYDRAULIC TANK

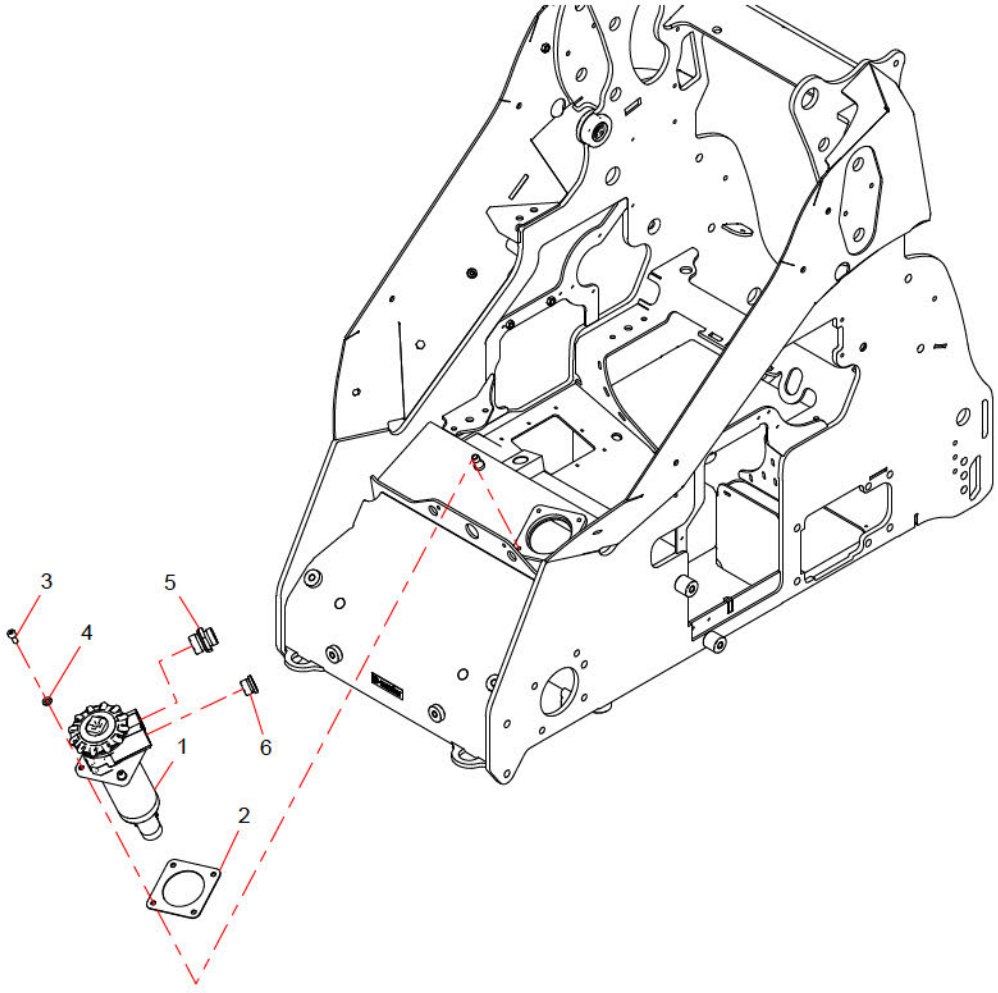
FIGURE 07.10 | Hydraulic system | Drawing on page 122

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1014-9205-00**	Dipstick filter cap L
2	1	**1014-9110-00**	Oil tank cap
3	1	**1033-8157-00**	Seal oil tank skid
4	8	**1018-1005-00**	Hex cap bolt DIN933 M6x16
5	8	**1019-0120-00**	Washer DIN125A M6
6	2	**1050-9423-00**	Plug OG1" Magnetic
7	1	**1054-8028-00**	Hose aeration hydraulic tank
8	2	**1052-8105-00**	Hose clamp 15-24 mm
9	2	**1063-9016-00**	Suction filter 1" 43 ltr
10	1	**1053-5209-00**	fitting L I12L-O12L-O12L
11	1	**1013-9014-00**	NUT 12L
12	1	**1050-9425-00**	Blanking plug conic 12L

PARTS SECTION: COMBI FILTER

FIGURE 07.11 | Hydraulic system

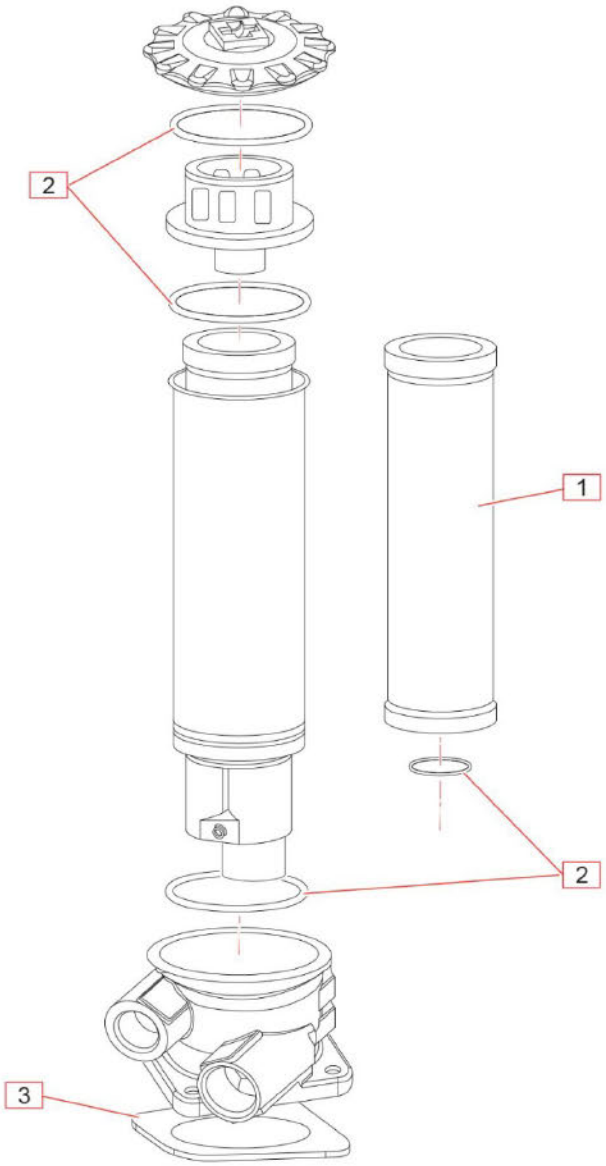
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1063-9029-00**	Combi filter RKM85 (see p. 125)
2	1	**1033-8158-00**	Seal 4 holes oil filter small
3	4	**1024-9115-00**	Socket cap DIN912 M8x20
4	4	**1019-0004-00**	Washer DIN125A M8
5	1	**1024-9924-00**	Screw in O22L-OG1
6	1	**1050-9424-00**	Plug 3/4"



PARTS SECTION: COMBI FILTER COMPLETE INCL. HYDRAULIC FILTER

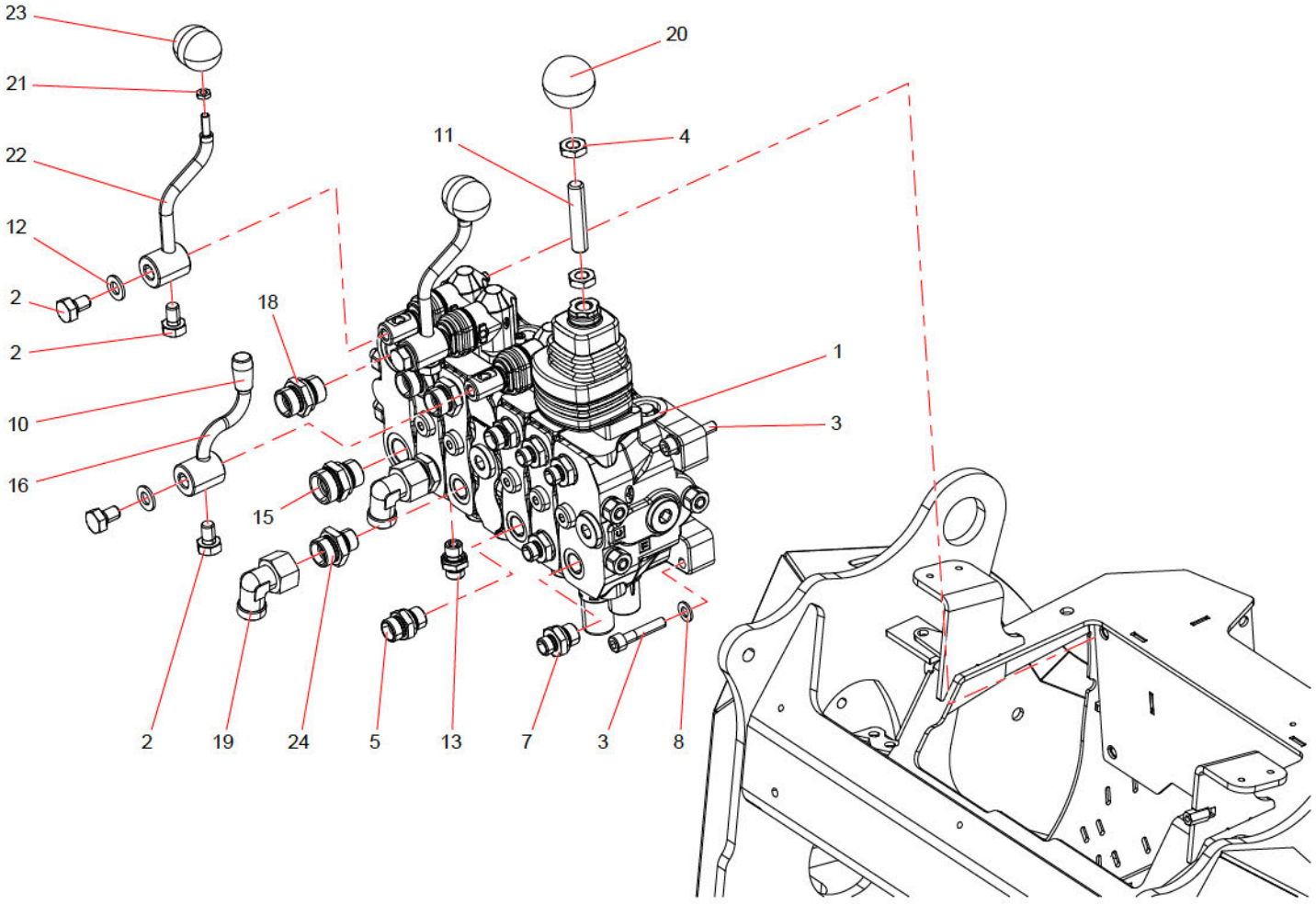
FIGURE 07.12 | Hydraulic system

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1063-9012-00**	Hydraulic filter
2	1	**1088-0149-00**	Seal kit RKM85/100/120
3	1	**1033-8156-00**	Gasket combi filter 2-holes



PARTS SECTION: CONTROL VALVE

FIGURE 07.13 | Hydraulic system | Parts list on page 127



PARTS SECTION: CONTROL VALVE

FIGURE 07.13 | Hydraulic system | Drawing on page 126 | List 1 of 2

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1055-8039-00**	Control valve 5-way SDS100/6 (see p. 129)
2	2	**1018-1000-00**	Hex cap bolt DIN933 M10x16
3	4	**1024-9916-00**	Socket cap DIN912 M8x40
4	1	**1013-9011-00**	Low nut DIN439 M12
5	2	**1024-9919-00**	Screw in O12L -OG3/8
6	1	**1013-9011-00**	Low nut DIN439 M12
7	2	**1024-9917-00**	Screw in O8L-OG3/8
8	4	**1019-0004-00**	Washer DIN125A M8
9	2	**1024-9917-00**	Screw in O8L-OG3/8
10	1	**1030-9004-00**	Tapered Knob 10
11	1	**1037-9051-00**	Threaded Rod M12x60
12	2	**1019-0022-00**	Washer DIN125A M10

PARTS SECTION: CONTROL VALVE

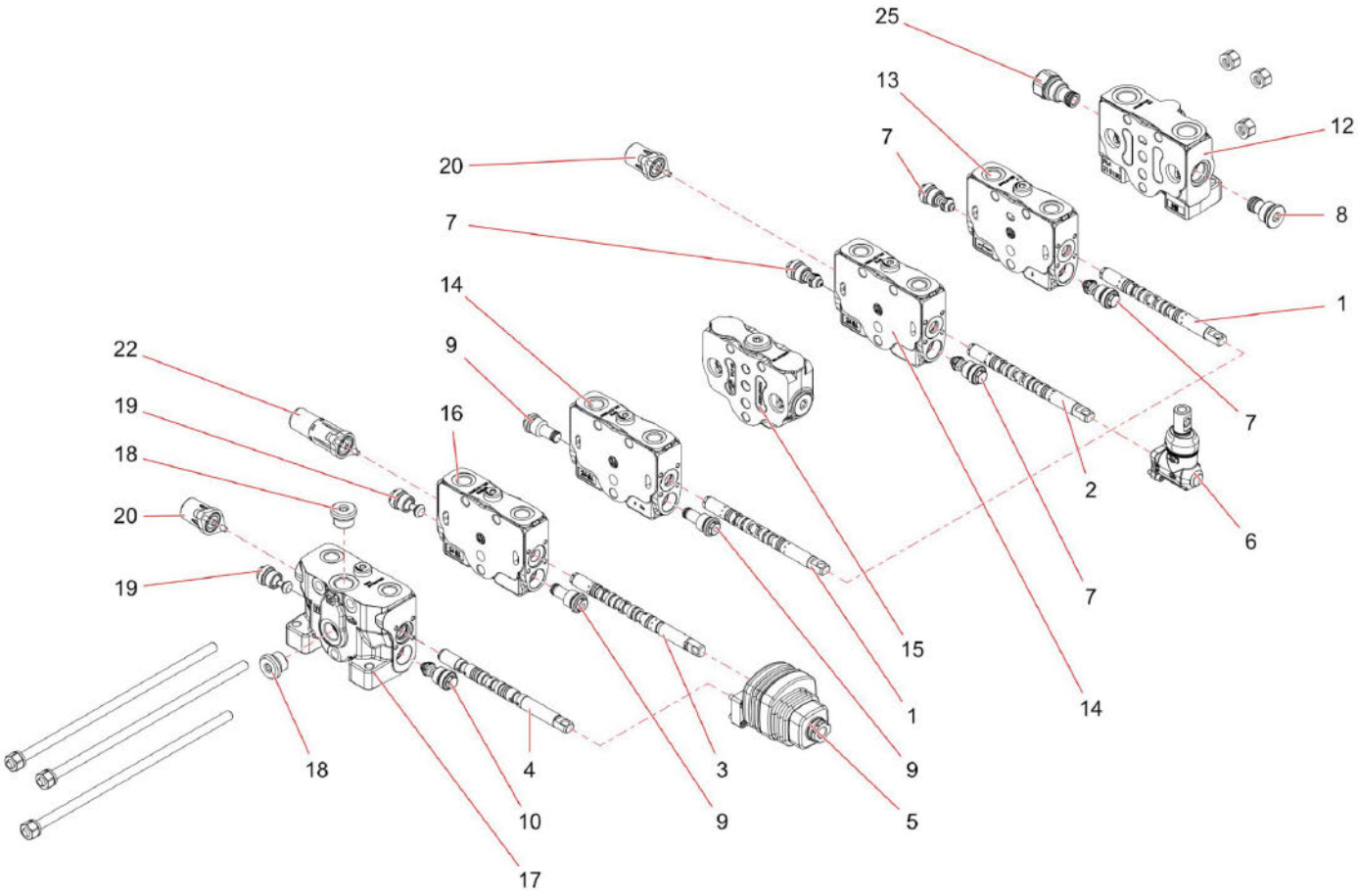
FIGURE 07.13 | Hydraulic system | Drawing on page 126 | List 2 of 2

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
13	1	**1053-5207-00**	Screw in O8L-OG1/4
14	2	**1018-1000-00**	Hex cap bolt DIN933 M10x16
15	1	**1024-9920-00**	Screw in O18L-OG1/2
16	1	**1031-9088-00**	Function lever, wld
17	1	**1019-0022-00**	Washer DIN125A M10
18	1	**1024-9914-00**	Screw in O15L-OG1/2
19	2	**1053-5107-00**	fitting 90 I15-O15L
20	1	**1030-9003-00**	Ball knob 40 M12
21	2		Low nut DIN439 M6
22	2	**1031-9090-00**	Drive lever, wld
23	2	**1030-9005-00**	Knob drive lever 6
24	4	**1024-9913-00**	Screw in O15L-OG3/8
25	2	**1018-1000-00**	Hex cap bolt DIN933 M10x16

PARTS SECTION: CONTROL VALVE 5-WAY SDS100/6

FIGURE 07.14 | Hydraulic system

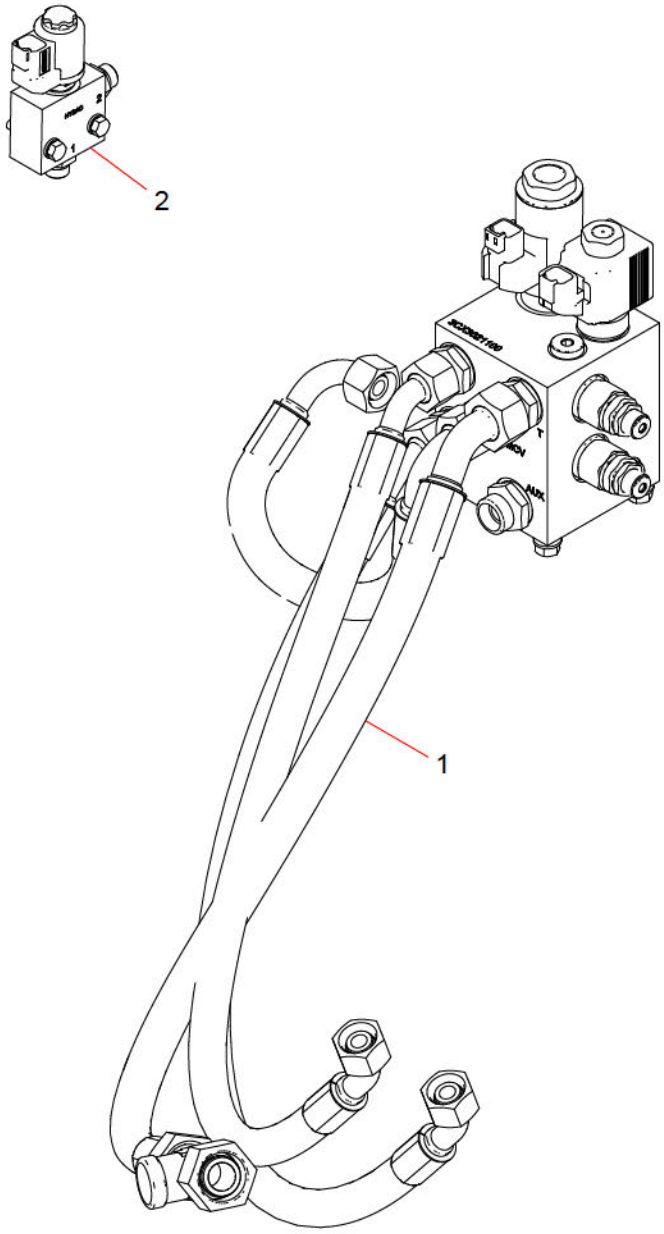
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
0	1		Part number(s) on request
1	2		Spool



PARTS SECTION: VALVE GRP MANIFOLD

FIGURE 07.15 | Hydraulic system

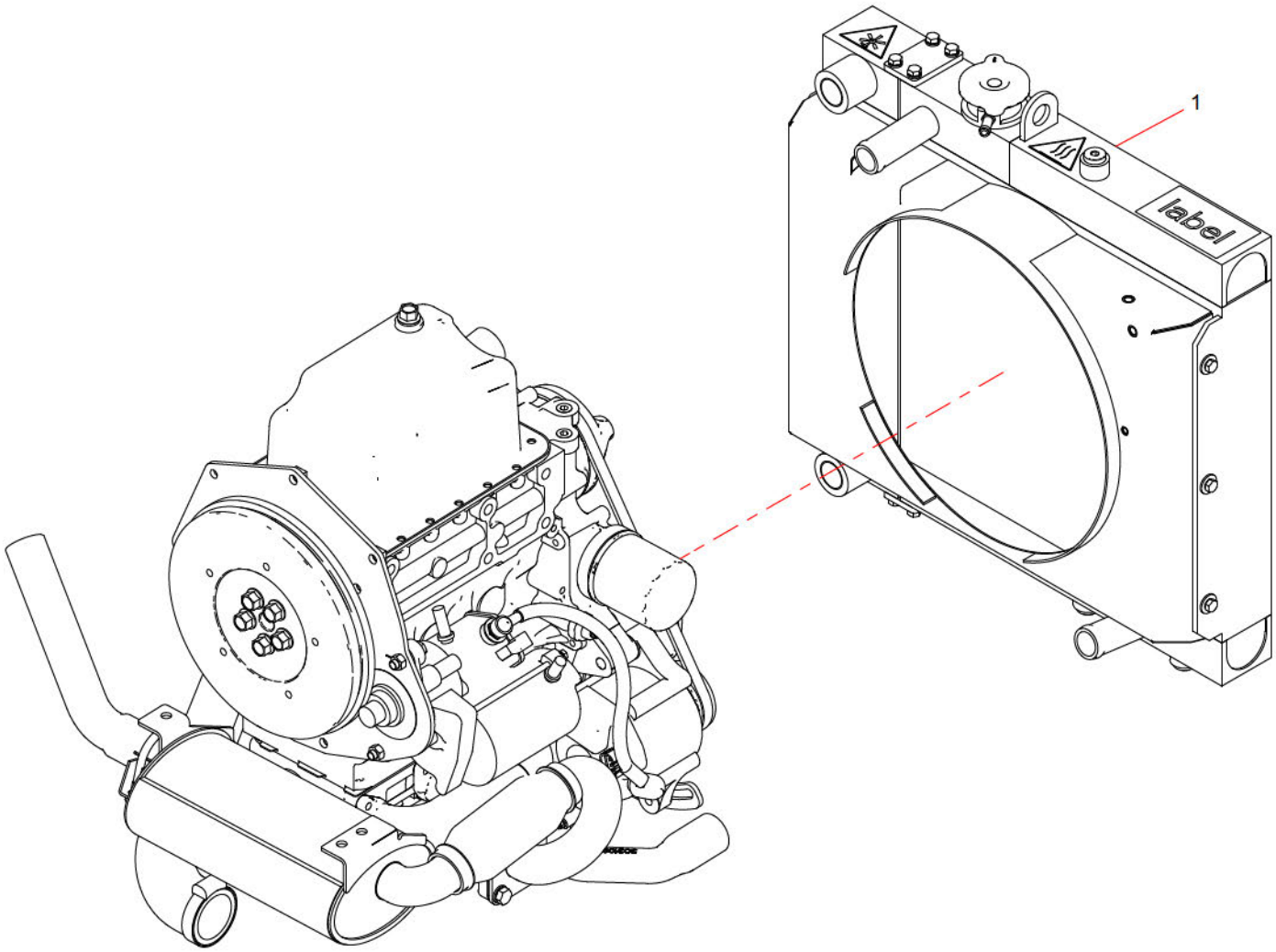
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		070.09.01. Flexflow (see p. 136)
2	1		070.09.02. 2/2 valve (see p. 138)



PARTS SECTION: COOLER HYDR. OIL

FIGURE 07.16 | Hydraulic system

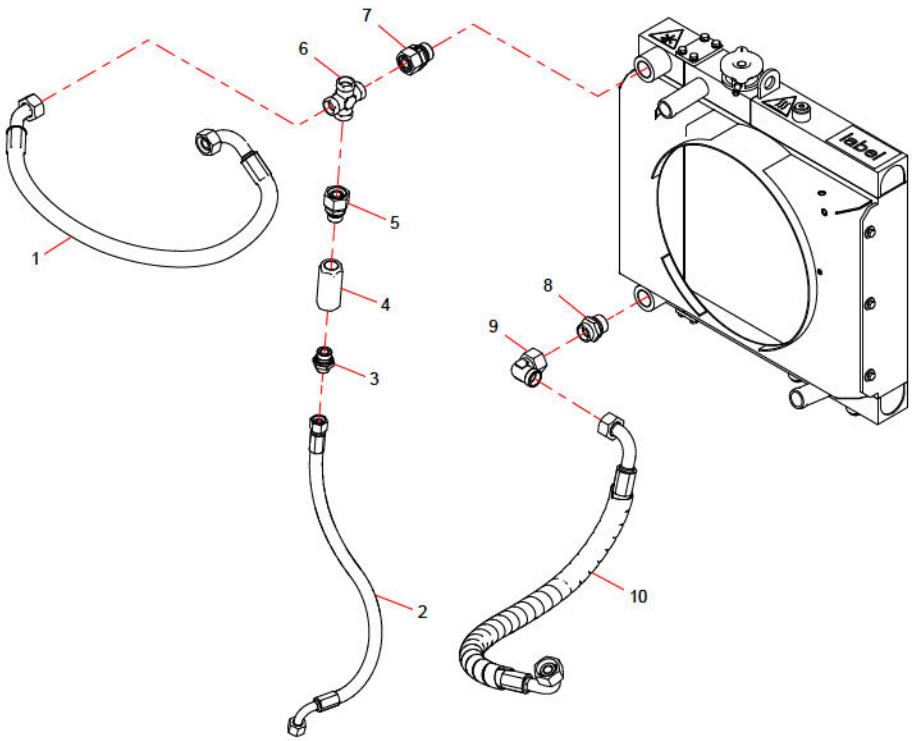
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1015-0141-00**	Combi cooler D204 + SKID (see p. 64)



PARTS SECTION: COOLER LINES

FIGURE 07.17 | Hydraulic system

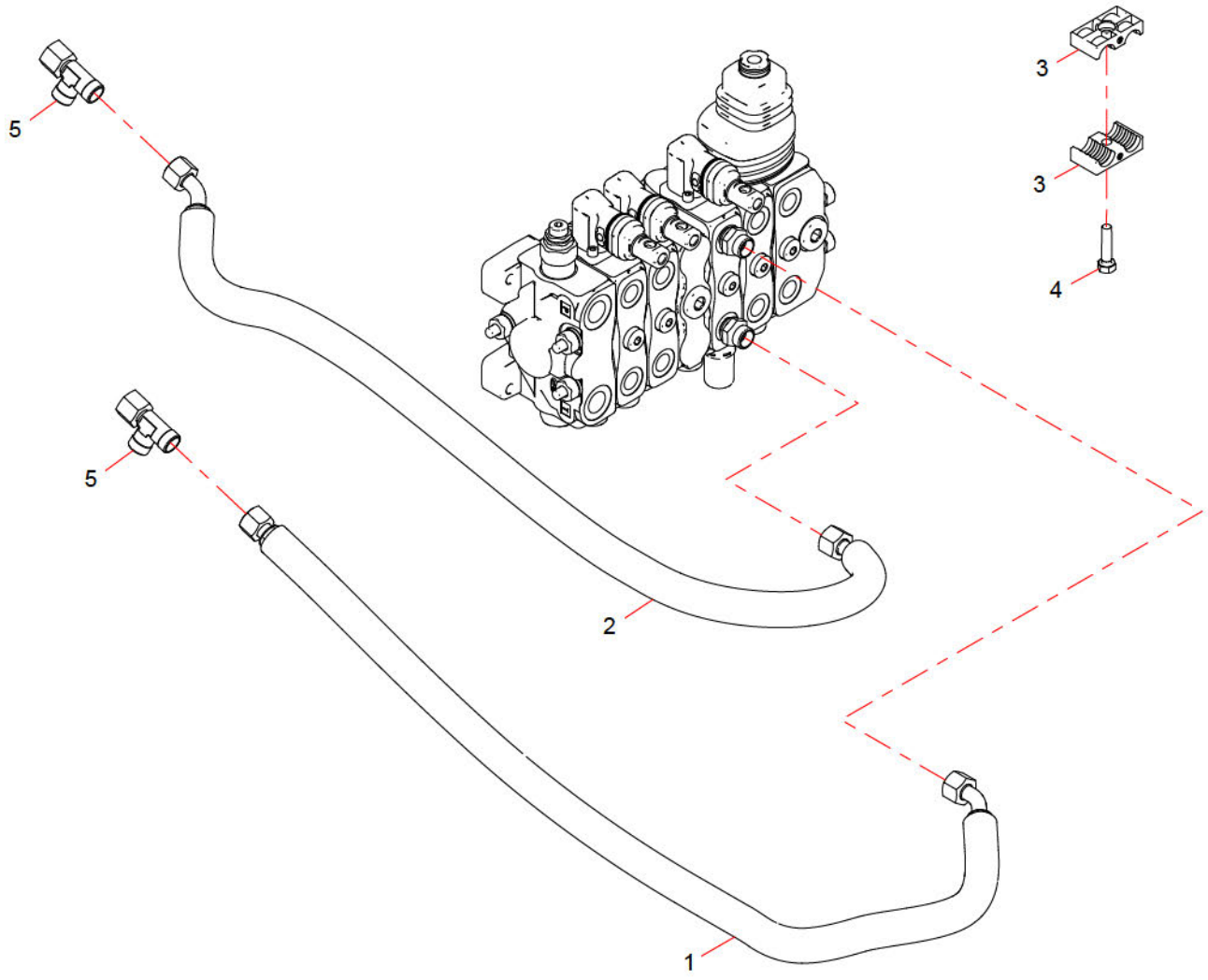
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1054-8039-00**	Hose T valve to cooler
2	1	**1054-8055-00**	Hose check valve to tank
3	1	**1024-9922-00**	Screw in O12L-OG1/2
4	1	**1055-8031-00**	Check valve 2 bar
5	1	**1024-9926-00**	screw in I18L-OG1/2" ED
6	1	**1053-5111-00**	Fitting cross O18L
7	1	**1024-9927-00**	screw in I18L-OG3/4" ED
8	1	**1024-9923-00**	Screw in O18L-OG3/4
9	1	**1053-5210-00**	fitting 90 I18L-O18L
10	1	**1054-8033-00**	Hose combi cooler to filter



PARTS SECTION: LEFT SIDE

FIGURE 07.18 | Hydraulic system

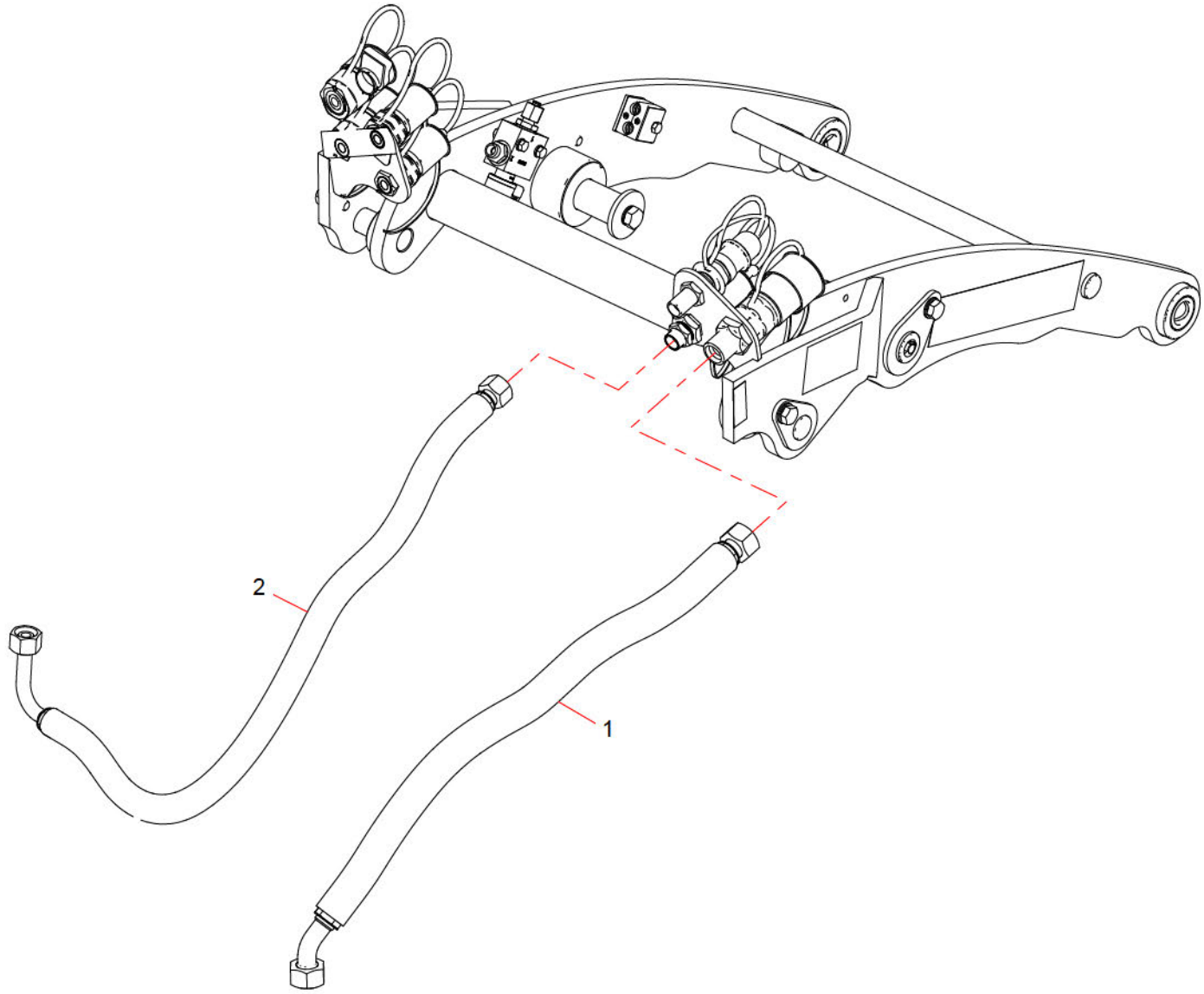
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1054-8047-00**	Hose 3e qc brkt to P valve B3
2	1	**1054-8048-00**	Hose 3e qc brkt to P valve A3
3	2	**1052-8001-00**	Tube clamp double 18
4	1	**1018-9016-00**	Hex cap bolt DIN933 M8x35
5	2	**1053-5209-00**	fitting L I12L-O12L-O12L



PARTS SECTION: RIGHT SIDE

FIGURE 07.19 | Hydraulic system

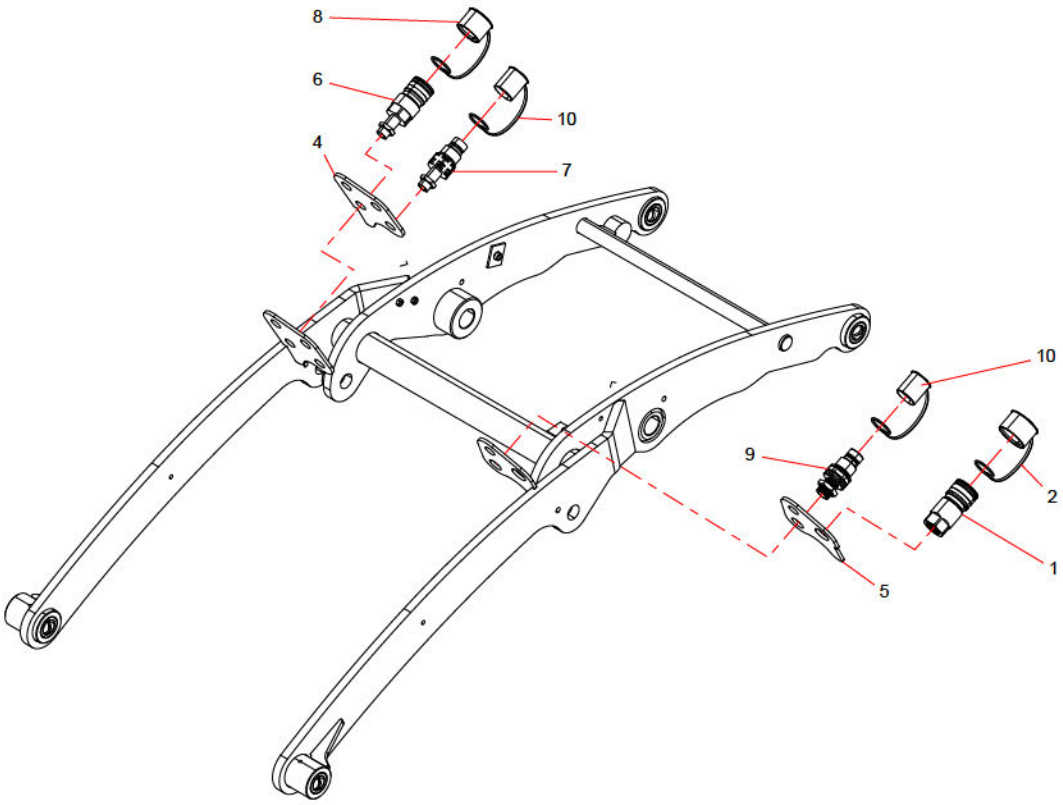
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1054-8054-00**	Hose pre-return QC to T-Cooler
2	1	**1054-8040-00**	Hose AUX Flexflow to QC



PARTS SECTION: QUICK COUPLING

FIGURE 07.20 | Hydraulic system

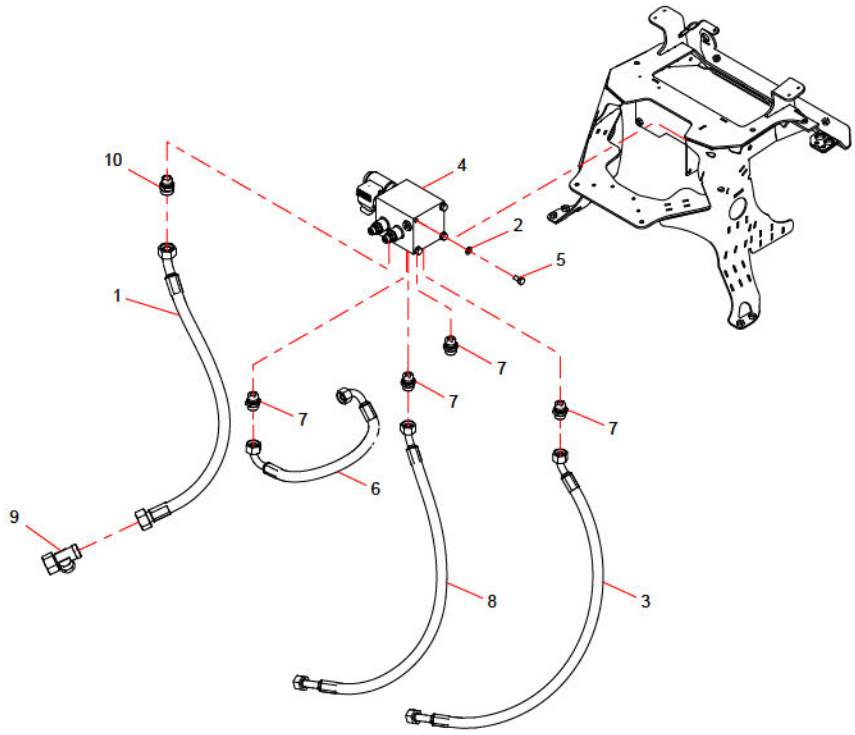
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		Flatface_F_ISO16028_18L_1/2'
2	1	**1014-9112-00**	Dust cap Flat face Female 12.5 ROOD
4	1	**1031-9087-00**	Lifting arm extra funct left
5	1	**1031-9089-00**	Lifting arm extra funct right
6	1	**1053-5212-00**	Flatface_F_ISO16028_12L_1/2'
7	1	**1053-5213-00**	Flatface_M_ISO16028_12L_1/2'
8	1	**1014-9112-00**	Dust cap Flat face Female 12.5 ROOD
9	1	**1053-5214-00**	Flatface_M_ISO16028_15L_1/2'
10	2	**1014-9108-00**	Dust cap Flat face Male 12.5 RED



PARTS SECTION: FLEXFLOW

FIGURE 07.21 | Hydraulic system

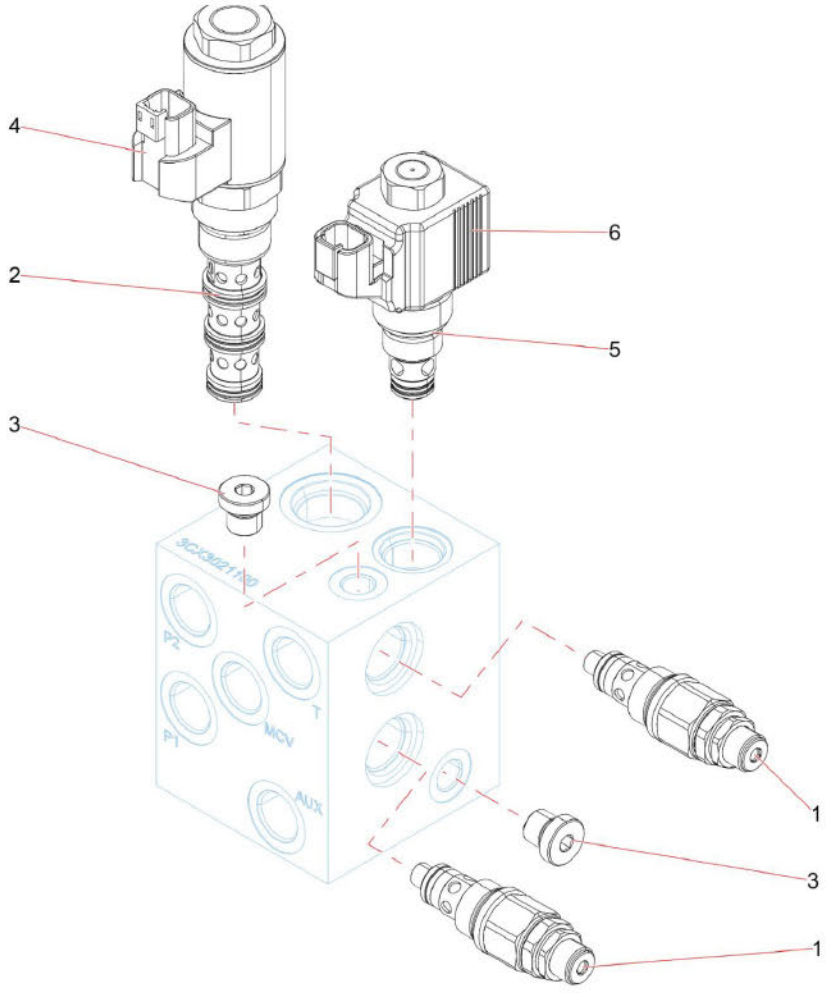
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1054-8037-00**	Hose T Flexflow to filter
2	4	**1019-0004-00**	Washer DIN125A M8
3	1	**1054-8034-00**	Hose pump P2 to P1 Flexflow
4	1	**1055-8036-00**	Manifold Flexflow (see p. 137)
5	4	**1018-9004-00**	Hex cap bolt DIN933 M8x16
6	1	**1054-8038-00**	Hose MCV Flexflow to P valve
7	4	**1024-9914-00**	Screw in O15L-OG1/2
8	1	**1054-8035-00**	Hose pump P1 to P2 Flexflow
9	1	**1053-5109-00**	fitting L I22L-O22L-O22L
10	1	**1024-9920-00**	Screw in O18L-OG1/2



PARTS SECTION: MANIFOLD FLEXFLOW

FIGURE 07.22 | Hydraulic system

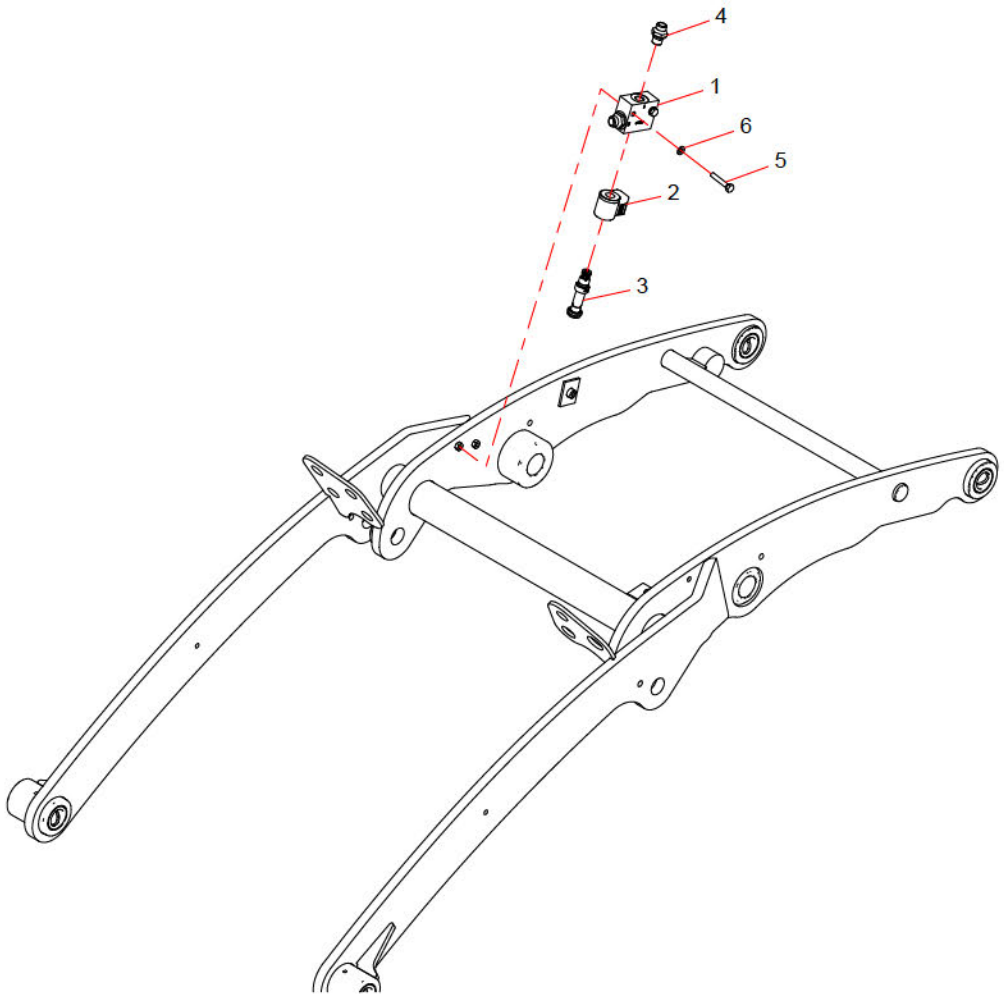
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	2	**1055-8030-00**	Pressure relief valve MC10MV
2	1	**1055-8038-00**	Cartridge 4/2 ER12M
3	2	**1050-9417-00**	Plug 1/4"
4	1	**1043-8938-00**	Coil 12V DT04 BH
5	1	**1055-8037-00**	Cartridge 2/2NO EF10M
6	1	**1043-8937-00**	Coil 12v DT BER12VDC



PARTS SECTION: 2/2 VALVE

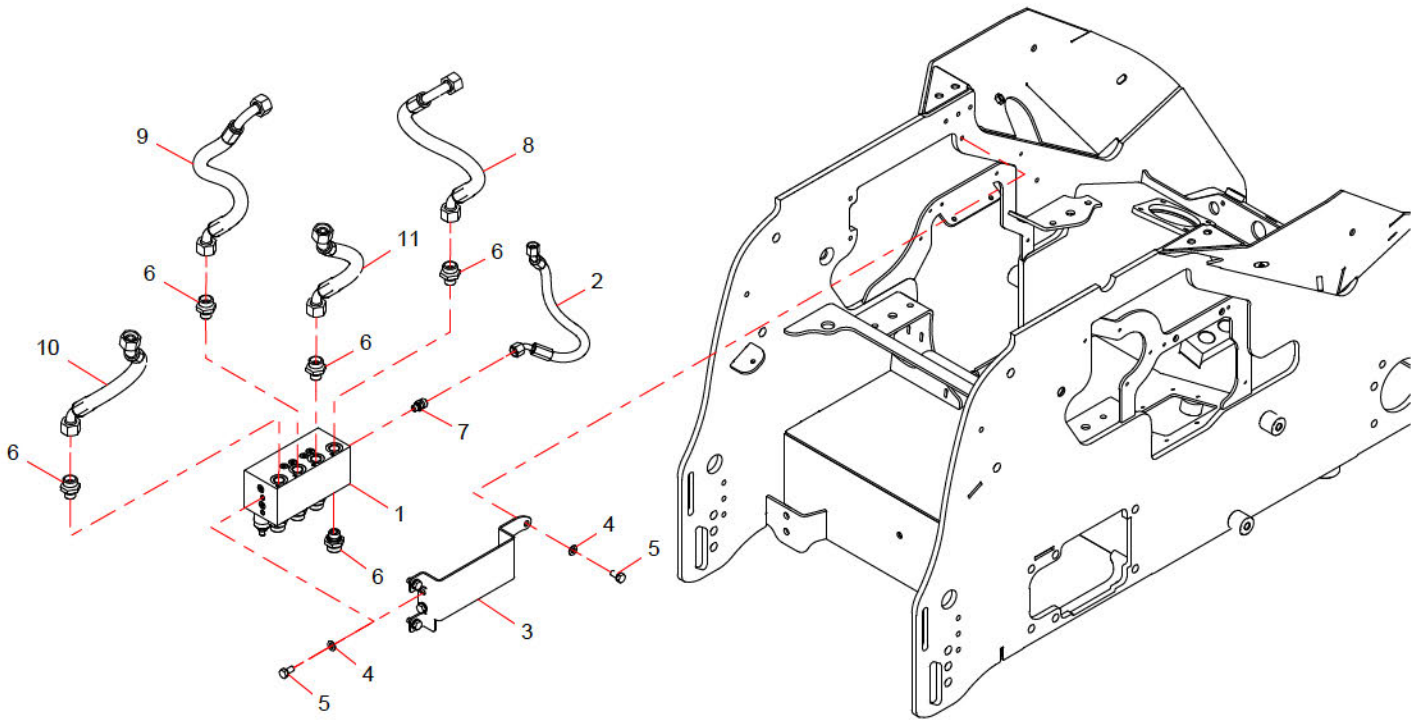
FIGURE 07.23 | Hydraulic system

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1055-8125-00**	Valve body 2/2 FC06-2
2	1	**1043-8934-00**	Solenoid tbv WS06Z(R)
3	1	**1055-8026-00**	2/2 NC terugslag size 6
4	2	**1053-5207-00**	Screw in O8L-OG1/4
5	2	**1018-1008-00**	Hex cap bolt DIN933 M6x35
6	2	**1019-0120-00**	Washer DIN125A M6



PARTS SECTION: BRAKE SYSTEM

FIGURE 08.01 | Brake system | Parts list on page 140



PARTS SECTION: BRAKE SYSTEM

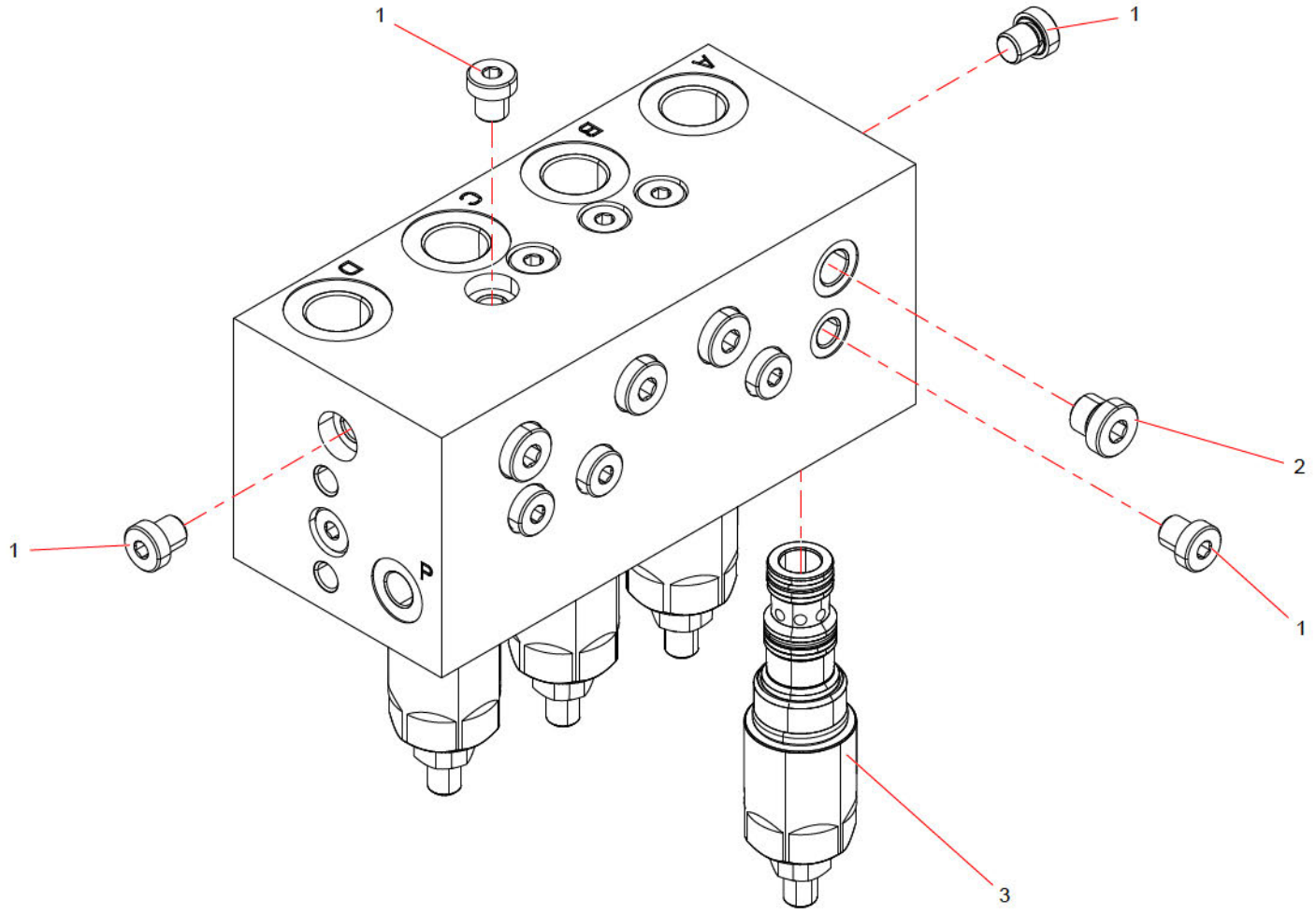
FIGURE 08.01 | Brake system | Drawing on page 139

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1055-8035-00**	Manifold softbrake (see p. 141)
2	1	**1054-8036-00**	Hose pump P1 to P1 Softbrake
3	1	**1039-9107-00**	Mounting bracket soft break va
4	6	**1019-0004-00**	Washer DIN125A M8
5	6	**1018-9004-00**	Hex cap bolt DIN933 M8x16
6	8	**1024-9913-00**	Screw in O15L-OG3/8
7	1	**1024-9925-00**	Screw in O8L-OG1/8
8	1	**1054-8044-00**	Hose brake valve B1 TO D
9	1	**1054-8045-00**	Hose brake valve B2 TO B
10	1	**1054-8046-00**	Hose brake valve A2 TO A
11	1	**1054-8053-00**	Hose brake valve A1 TO C

PARTS SECTION: MANIFOLD SOFTBRAKE

FIGURE 08.02 | Brake system

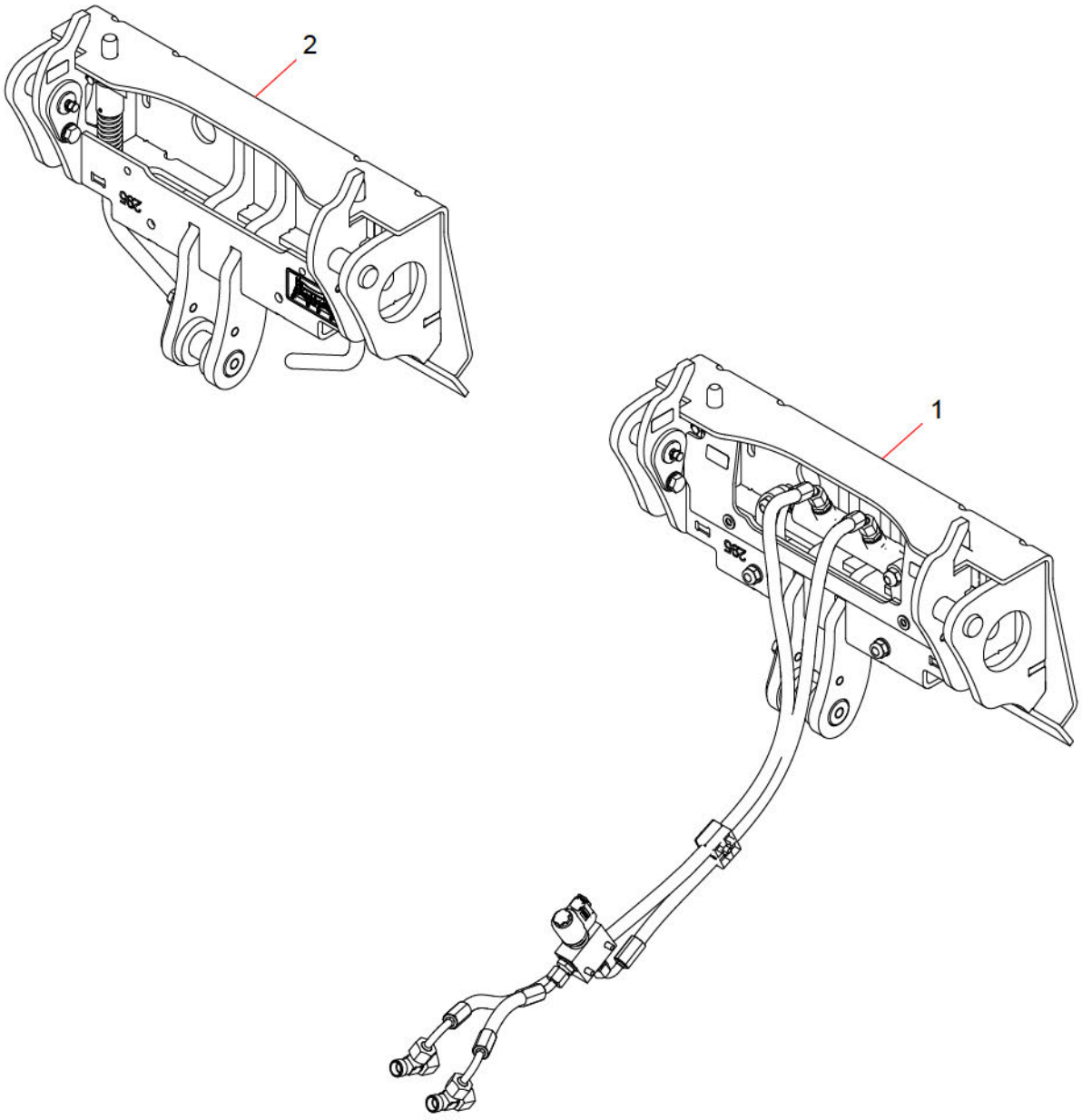
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	14	**1050-9416-00**	Plug M8x1
2	4	**1050-9418-00**	Plug 1/8"
3	4	**1055-8023-00**	Pilot operated relief 10



PARTS SECTION: QUICK HITCH

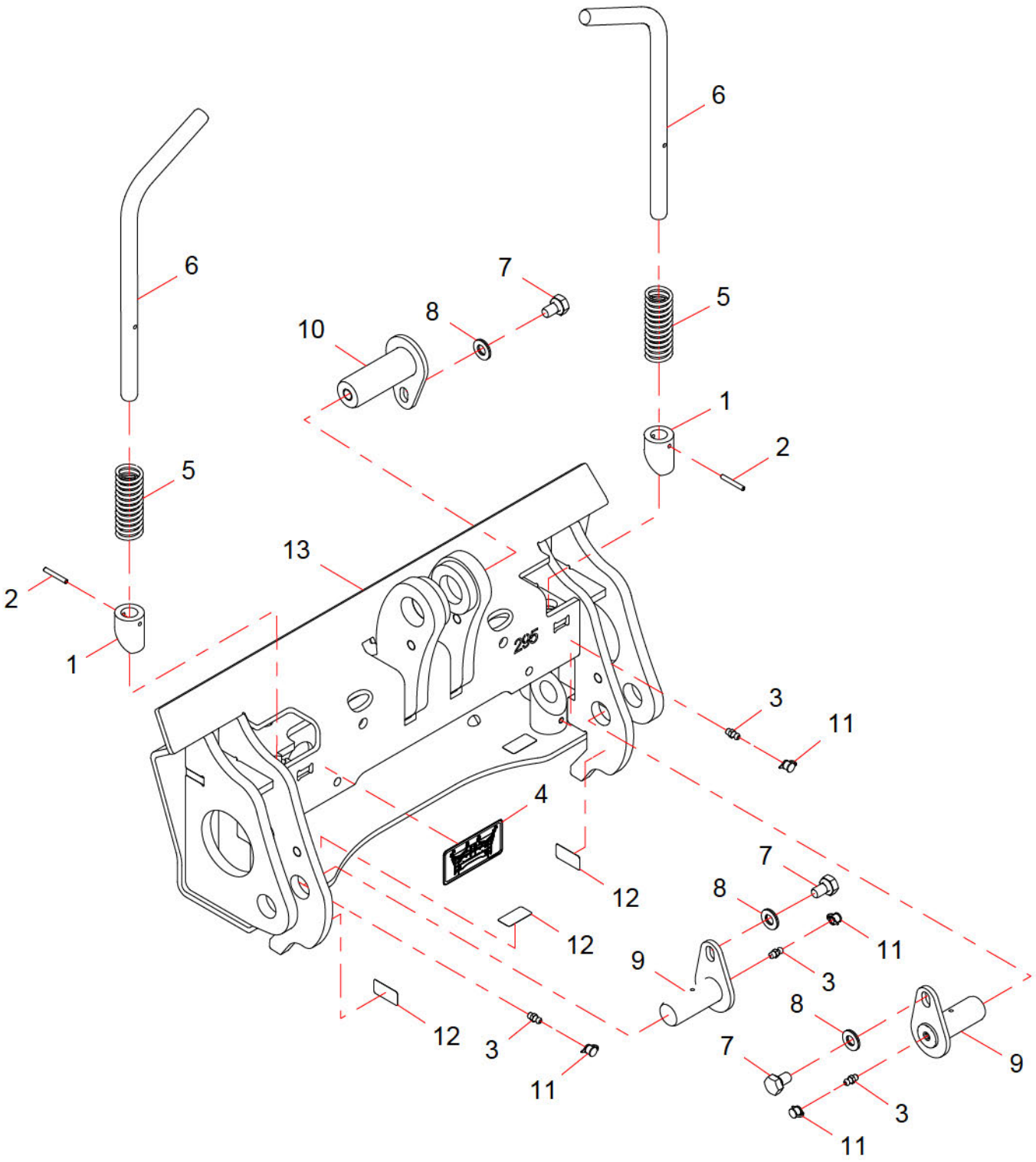
FIGURE 09.01 | Quick hitch

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		CII 295 hydraulic (see p. 145)
2	1		CII 295 mechanical (see p. 143)



PARTS SECTION: 295M CII

FIGURE 09.02 | Quick hitch | Parts list on page 144



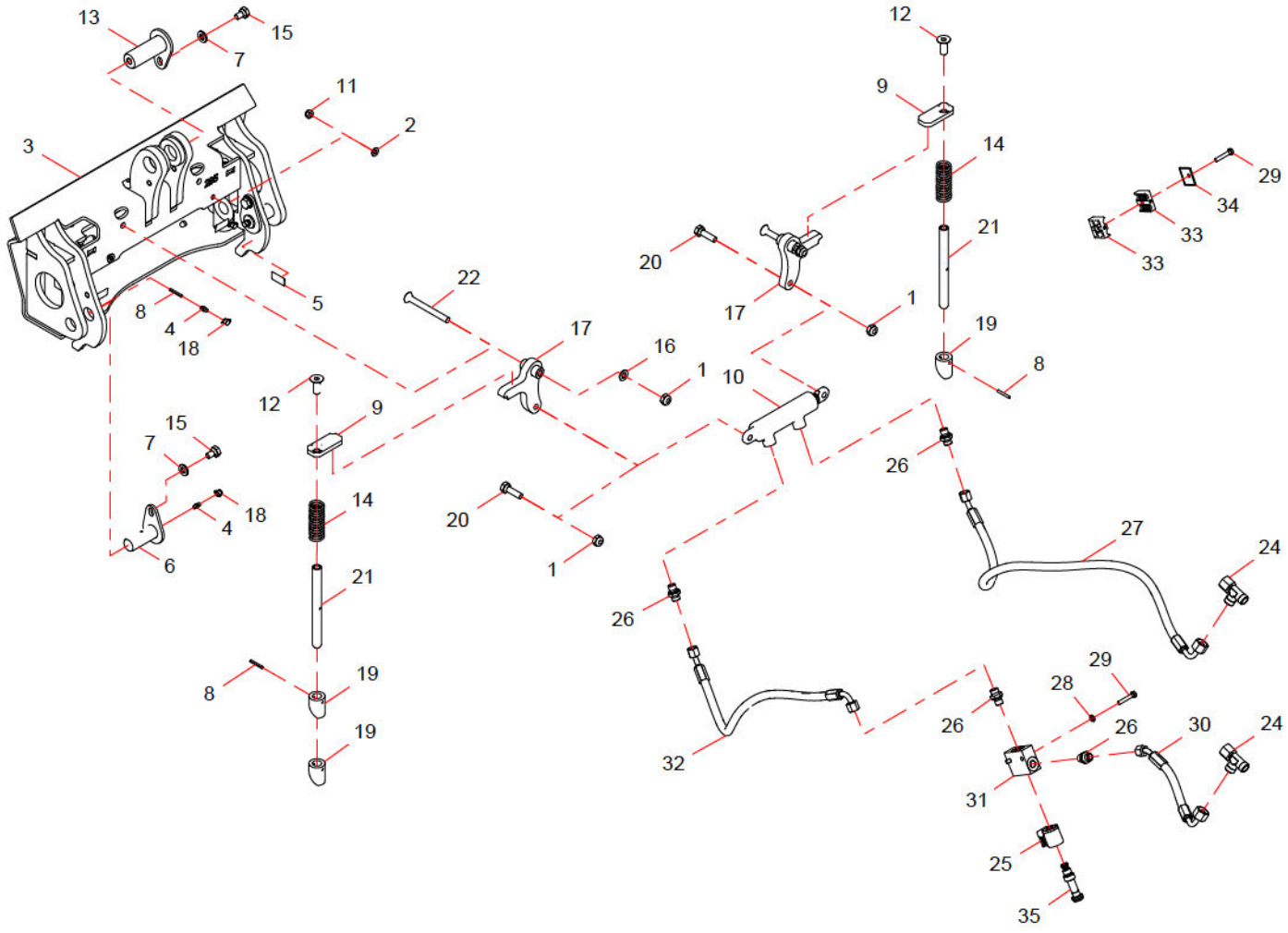
PARTS SECTION: 295M CII

FIGURE 09.02 | Quick hitch | Drawing on page 143

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	2	**1032-9904-00**	Bush lock pin
2	2	**1020-0010-00**	Roll pin DIN1481 4x30
3	4	**1053-5106-00**	Grease fitting 180dg M6x1
4	1	**1091-0002-00**	Decal CII locking
5	2	**1040-7001-00**	Compression Spring
6	2	**1020-8003-00**	Lock pin
7	3	**1018-1000-00**	Hex cap bolt DIN933 M10x16
8	3	**1019-0119-00**	Nord-lock SP body M10
9	2	**1020-8001-00**	Pin 25x61mm, wld
10	1	**1020-0020-00**	Pin 30x78mm, wld
11	4	**1014-9601-00**	Dust cover grease nipple red
12	4	**1091-0004-00**	Decal grease point
13	1	**1203-8001-00**	Weldment Skid CII-295

PARTS SECTION: 295H CII

FIGURE 09.03 | Quick hitch | Parts list on page 146



PARTS SECTION: 295H CII

FIGURE 09.03 | Quick hitch | Drawing on page 145 | List 1 of 2

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	4	**1013-0020-00**	Lock nut DIN985 M10
2	2	**1019-0004-00**	Washer DIN125A M8
3	1	**1203-8001-00**	Weldment Skid CII-295
4	4	**1053-5106-00**	Grease fitting 180dg M6x1
5	4	**1091-0004-00**	Decal grease point
6	2	**1020-8001-00**	Pin 25x61mm, wld
7	3	**1019-0119-00**	Nord-lock SP body M10
8	3	**1020-0010-00**	Roll pin DIN1481 4x30
9	2	**1026-0040-00**	Lift plate hydr, lock D204SW
10	1	**1056-8061-00**	lock cylinder (see p. 148)
11	2	**1013-0023-00**	Lock nut DIN985 M8
12	2	**1018-0004-00**	Flat cap DIN 7991 M12x30
13	1	**1020-0020-00**	Pin 30x78mm, wld
14	2	**1040-7001-00**	Compression Spring
15	3	**1018-1000-00**	Hex cap bolt DIN933 M10x16
16	2	**1019-0022-00**	Washer DIN125A M10
17	2	**1031-9082-00**	Level arm hydr lock, wld

PARTS SECTION: 295H CII

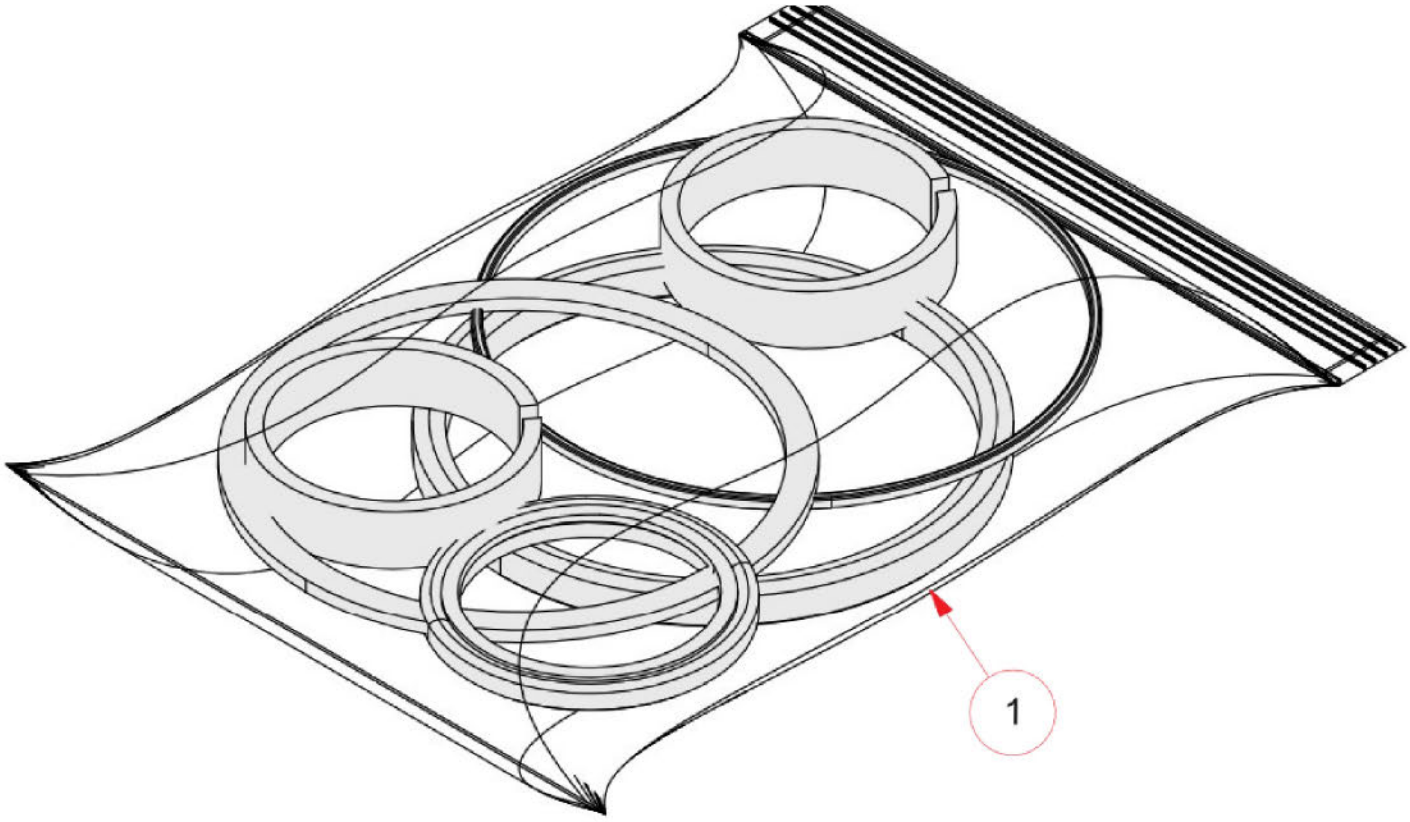
FIGURE 09.03 | Quick hitch | Drawing on page 145 | List 2 of 2

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
18	4	**1014-9601-00**	Dust cover grease nipple red
19	3	**1032-9904-00**	Bush lock pin
20	2	**1018-1001-00**	Hex cap bolt DIN933 M10x35
21	2	**1020-8002-00**	Lock pin hydraulic skid
22	2	**1018-0003-00**	Flat cap DIN7991 M10x100
23	1	**1026-0006-00**	Cover plate
24	2	**1053-5209-00**	fitting L I12L-O12L-O12L
25	1	**1043-8934-00**	Solenoid tbv WS06Z(R)
26	4	**1053-5207-00**	Screw in O8L-OG1/4
27	1	**1054-8126-00**	Hose QH CII H T-QC to lock CR
28	2	**1019-0120-00**	Washer DIN125A M6
29	3	**1018-1008-00**	Hex cap bolt DIN933 M6x35
30	1	**1051-0008-00**	Hose inner T-QC to 2/2 valv NR2
31	1	**1055-8125-00**	Valve body 2/2 FC06-2
32	1	**1054-8125-00**	Hose 2/2 QH CII NR1 to lock CB
33	2	**1052-8108-00**	Tube clamp double 12
34	1	**1052-8015-00**	Clamp cover double 6-12
35	1	**1055-8026-00**	2/2 NC terugslag size 6

PARTS SECTION: CYLINDER LOCKING ATTACHMENT

FIGURE 09.04 | Quick hitch

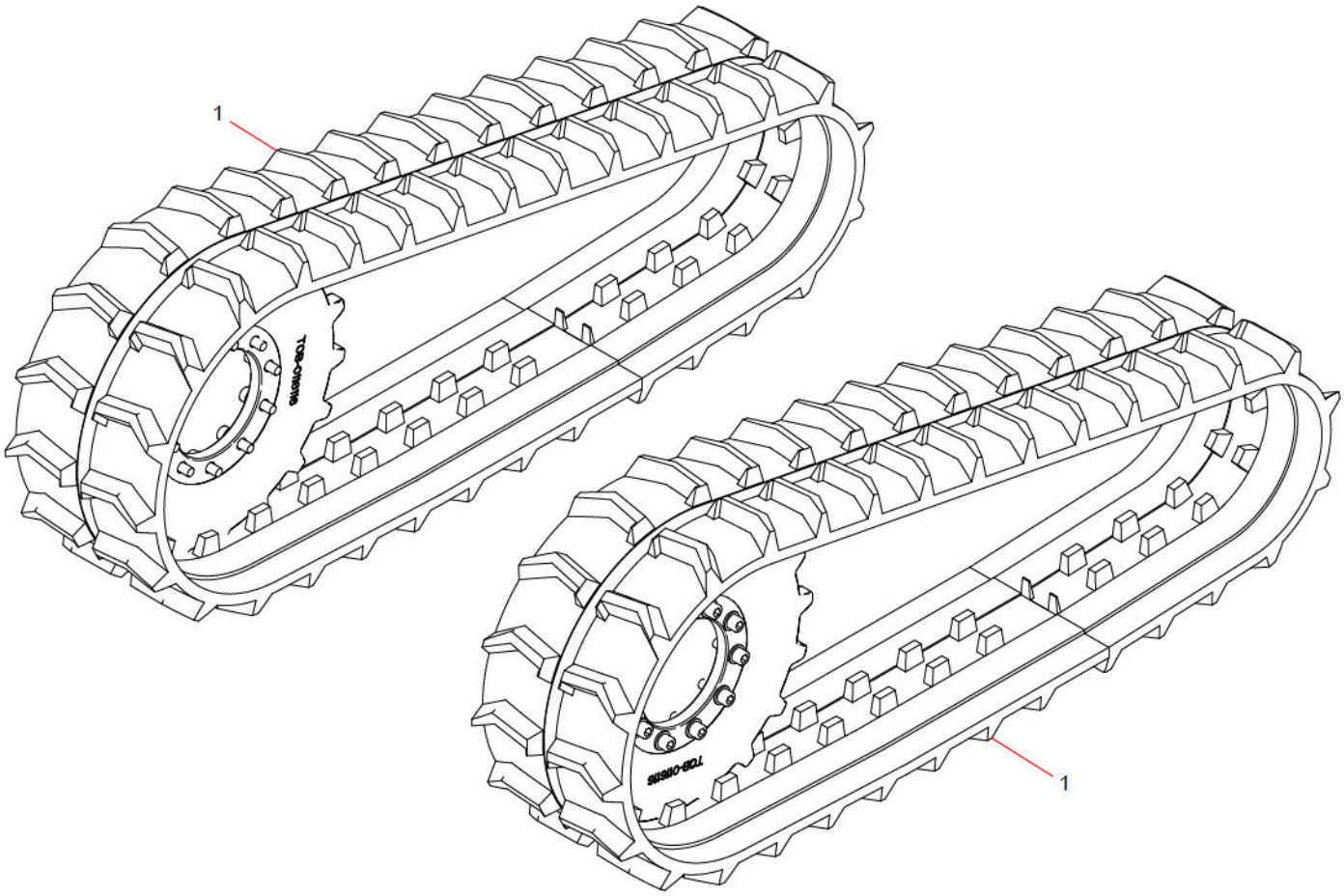
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1033-8155-00**	Seal kit 25x16 DA



PARTS SECTION: WHEELS AND TIRES

FIGURE 10.01 | Tracks

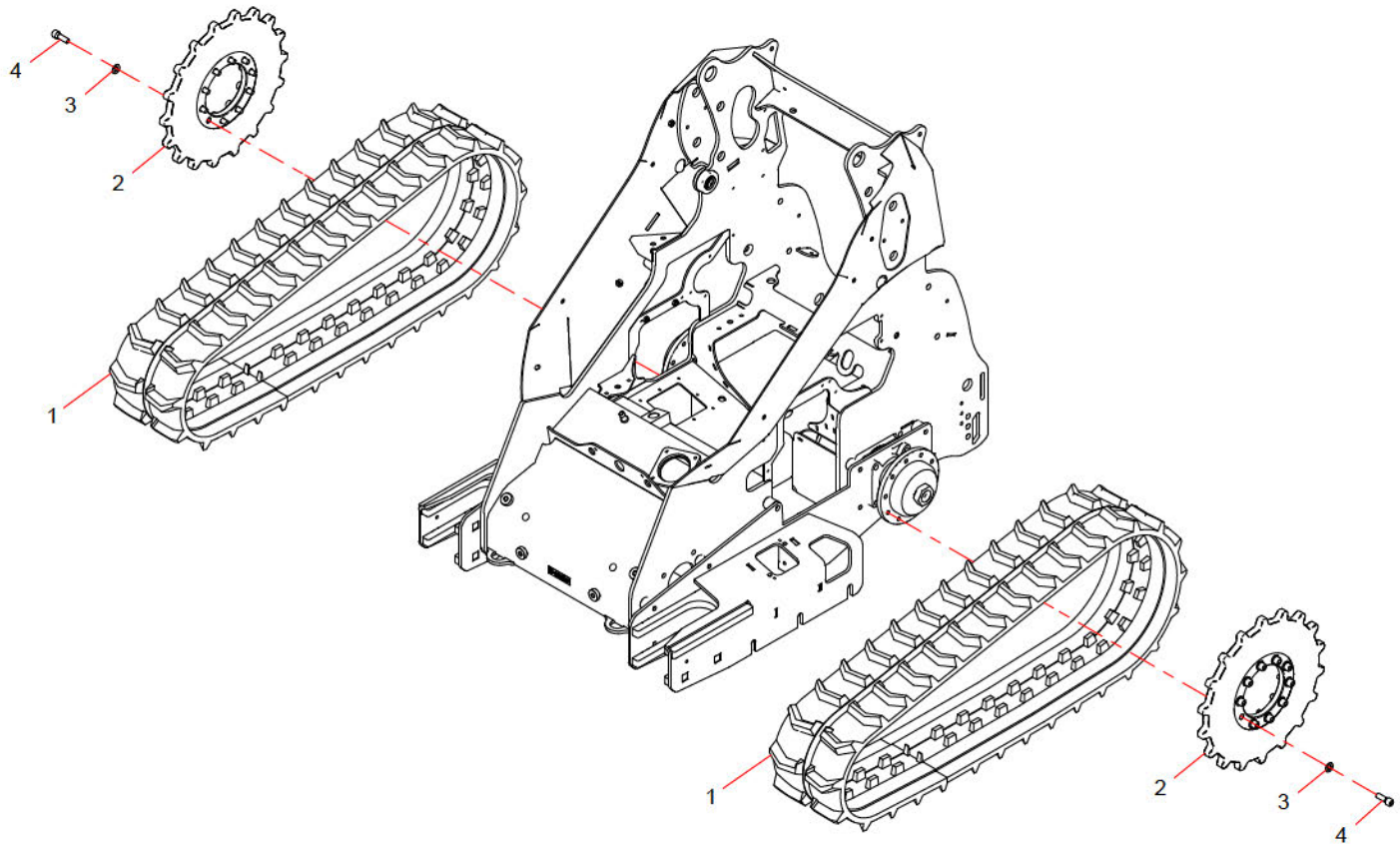
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		230mm (see p. 150)



PARTS SECTION: 230MM

FIGURE 10.02 | Tracks

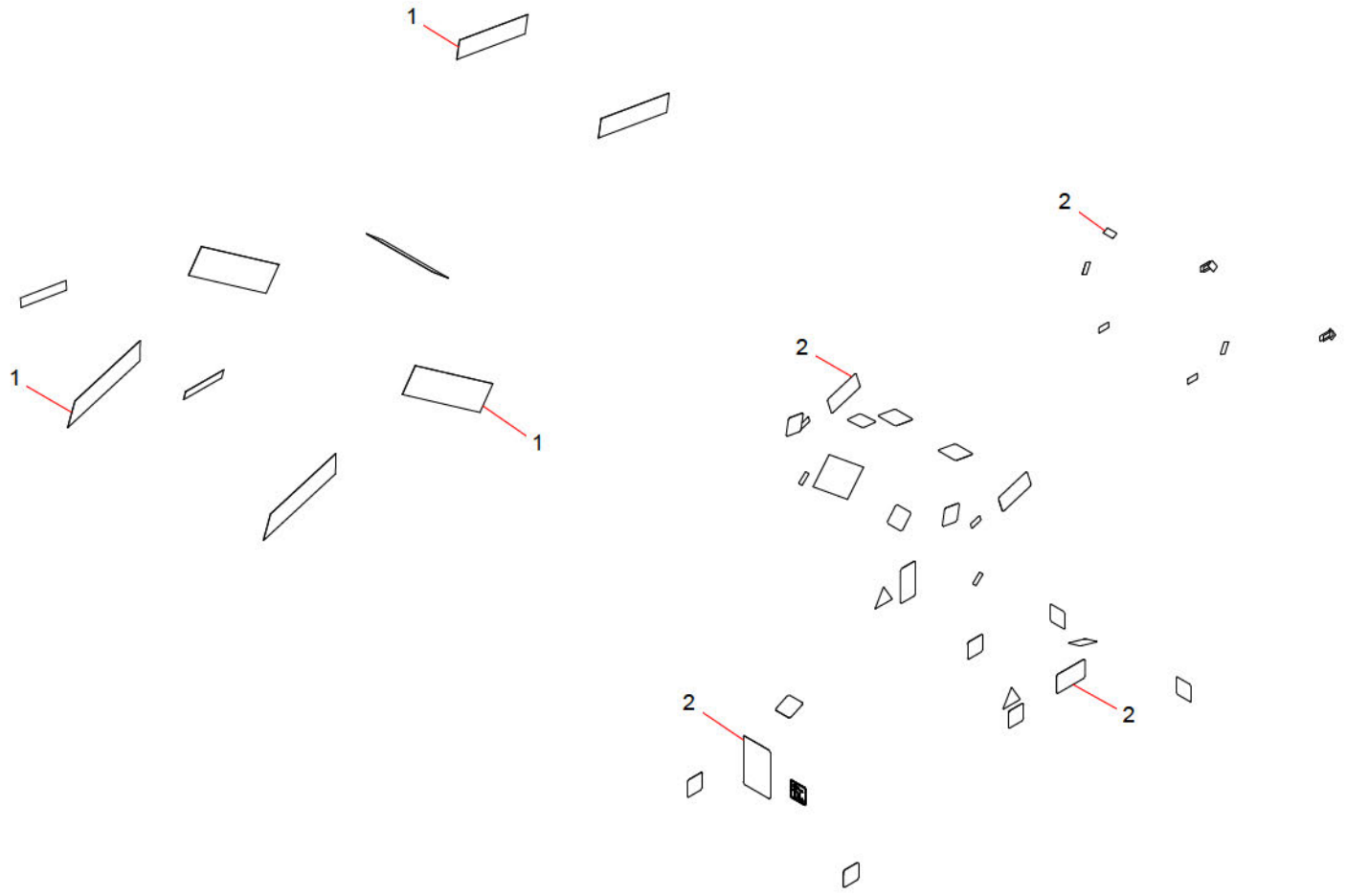
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	2	**1022-9115-00**	Rubber track 230X72X38
1	2		Rubber track 230X72X38 NM
2	2	**1022-9916-00**	Sprocket track 230
3	20	**1019-0104-00**	Washer DIN125A M12
4	20	**1024-9113-00**	Socket cap DIN912 M12x35



PARTS SECTION: MISCELLANEOUS

FIGURE 11.01 | Decals

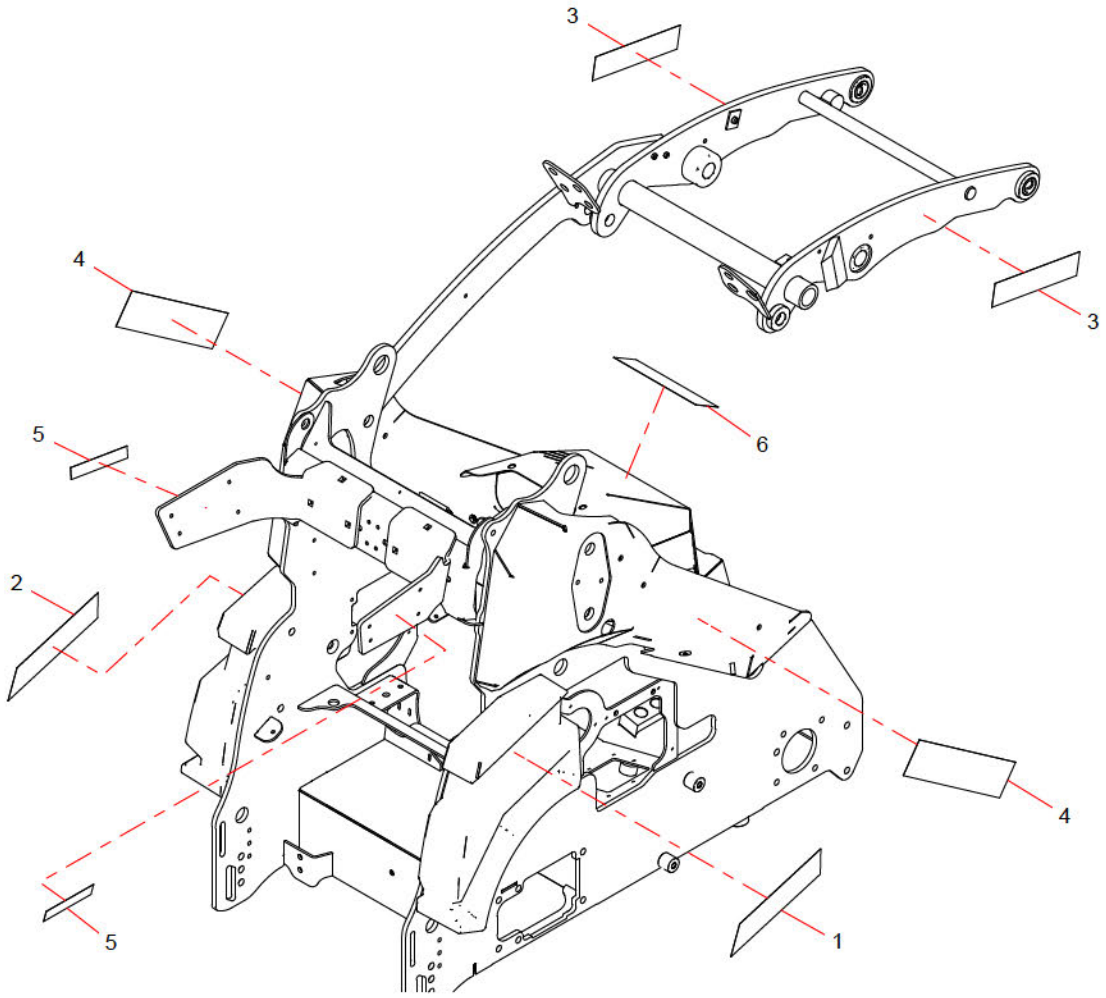
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		120.01. Decals Bad Boy (see p. 152)
2	1		120.02. Decals general (see p. 153)



PARTS SECTION: DECALS BAD BOY

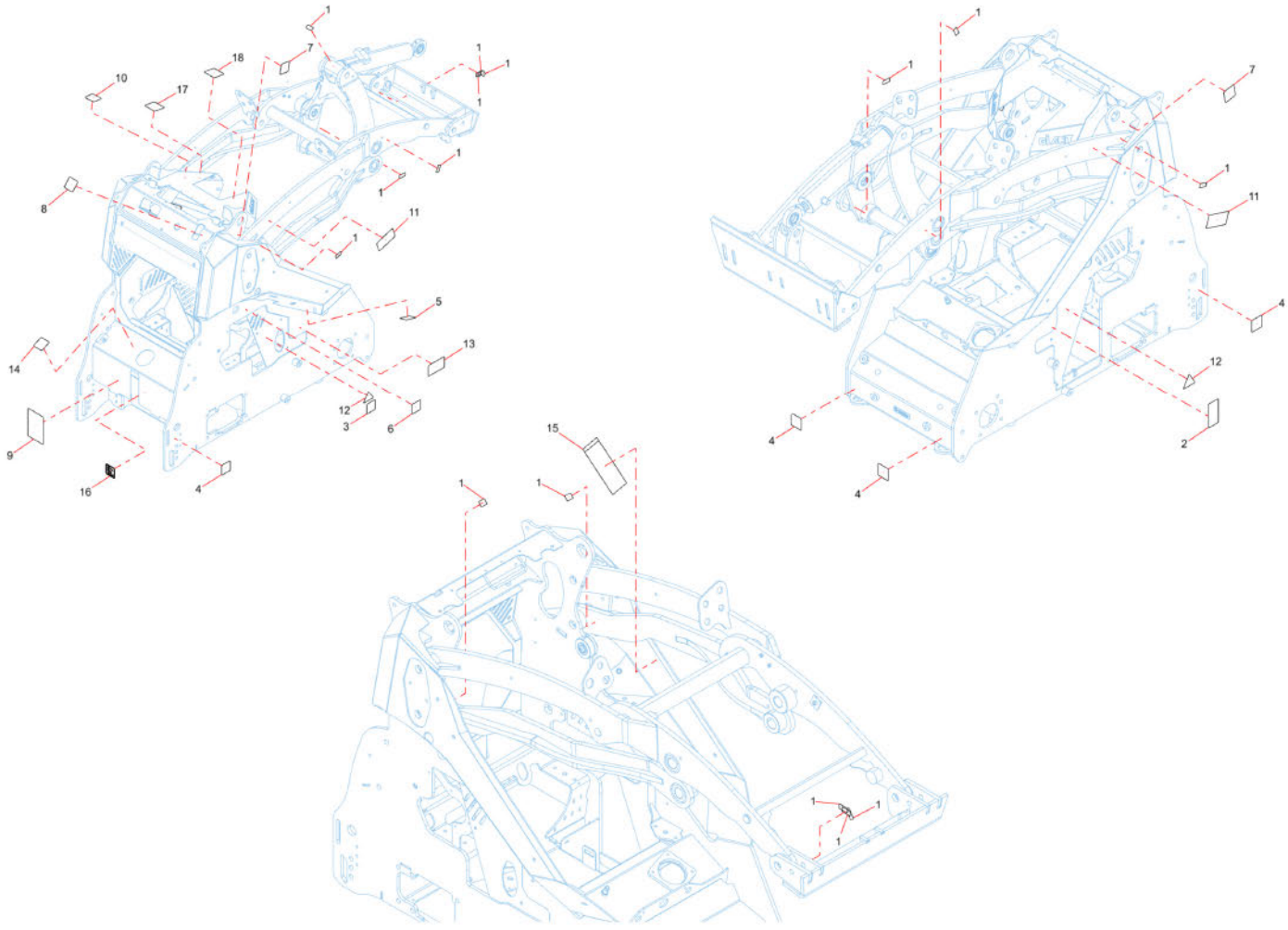
FIGURE 11.02 | Decals

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1091-9027-00**	Decal BB Bulldog CW right
2	1	**1091-9028-00**	Decal BB Bulldog CW left
3	2	**1091-9019-00**	Decal VL2515T
4	2	**1091-9020-00**	Decal BB Recon
5	2	**1091-9021-00**	Decal Bad Boy logo
6	1	**1091-9029-00**	Decal Bad Boy VL2515T



PARTS SECTION: DECALS GENERAL

FIGURE 11.03 | Decals | Parts list on page 154



PARTS SECTION: DECALS GENERAL

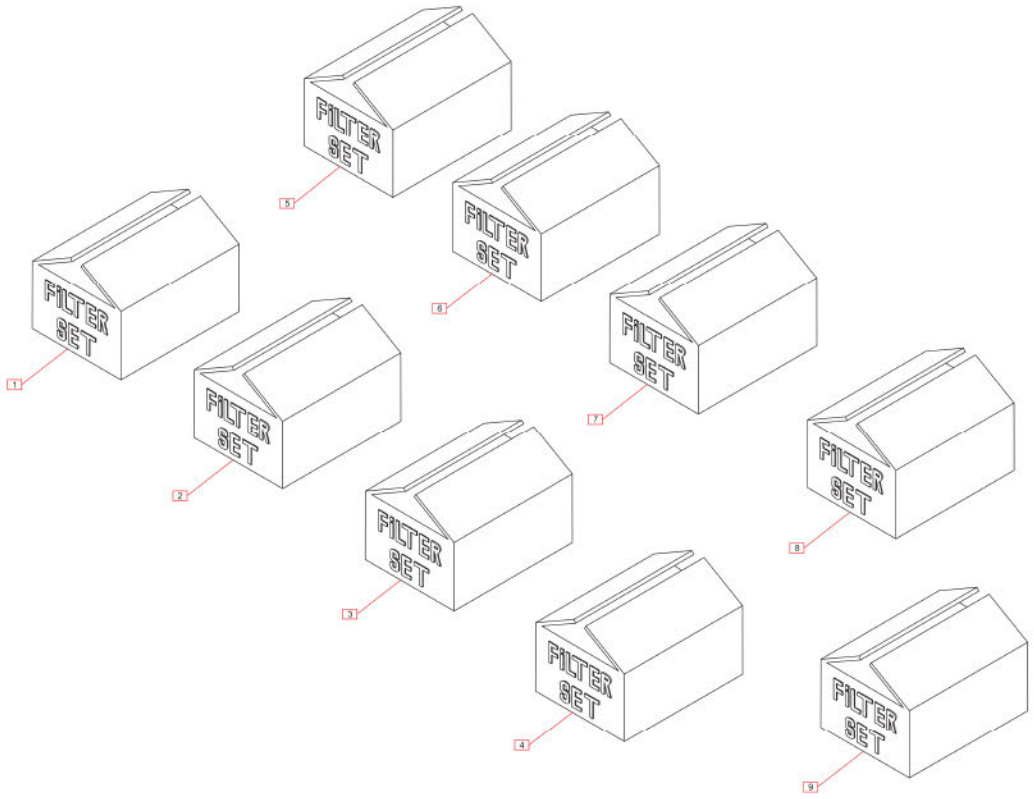
FIGURE 11.03 | Decals | Drawing on page 153

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	17	**1091-0004-00**	Decal grease point
2	1	**1091-0016-00**	Decal warning hot surfaces
3	1	**1091-0005-00**	Decal hydraulic oil
4	4	**1091-0012-00**	Decal tie down point
5	1	**1091-9119-00**	Decal battery terminal ground
6	1	**1091-0001-00**	Decal batt. terminal positive
7	2	**1091-0007-00**	Decal lift point
8	1	**1091-0011-00**	Decal Slow-Fast
9	1	**1091-0020-00**	Skid steer Decal Safety
10	1	**1091-0008-00**	Decal Lock Bucket
11	2	**1091-0003-00**	Decal Entrapment Hazard
12	2	**1091-0006-00**	Decal Keep 4m Distance
13	1	**1091-0009-00**	Decal mobil Delvac MX ESP
14	1	**1091-0014-00**	Decal ultra low sulfur fuel
15	1	**1091-9120-00**	Protecting foil 85mm
16	1	**1091-9023-00**	Decal lwa 101 db (50x50mm)
17	1	**1091-9025-00**	Decal drive lever
18	1	**1091-9026-00**	Decal lifting lever float

PARTS SECTION: FILTERS AND SERVICE KITS

FIGURE 12.01 | Filters & service kits

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1015-0226-00***	130.01. Filter engine oil (see p. 156)
2	1	**1063-9019-00***	130.06. Filter set 250H (see p. 161)
3	1	**1063-9012-00***	130.04. Filter hydraulic oil (see p. 159)
4	1	**1063-9018-00***	130.05. Filter set 50H (see p. 160)
5	1		130.02. Filter air inlet (see p. 157)
6	1		130.03. Filter fuel (see p. 158)
7	1	**1063-9022-00***	130.09. Filter set 1000H (see p. 164)
8	1	**1063-9020-00***	130.07. Filter set 250H + air (see p. 162)
9	1	**1063-9021-00***	130.08. Filter set 500H (see p. 163)

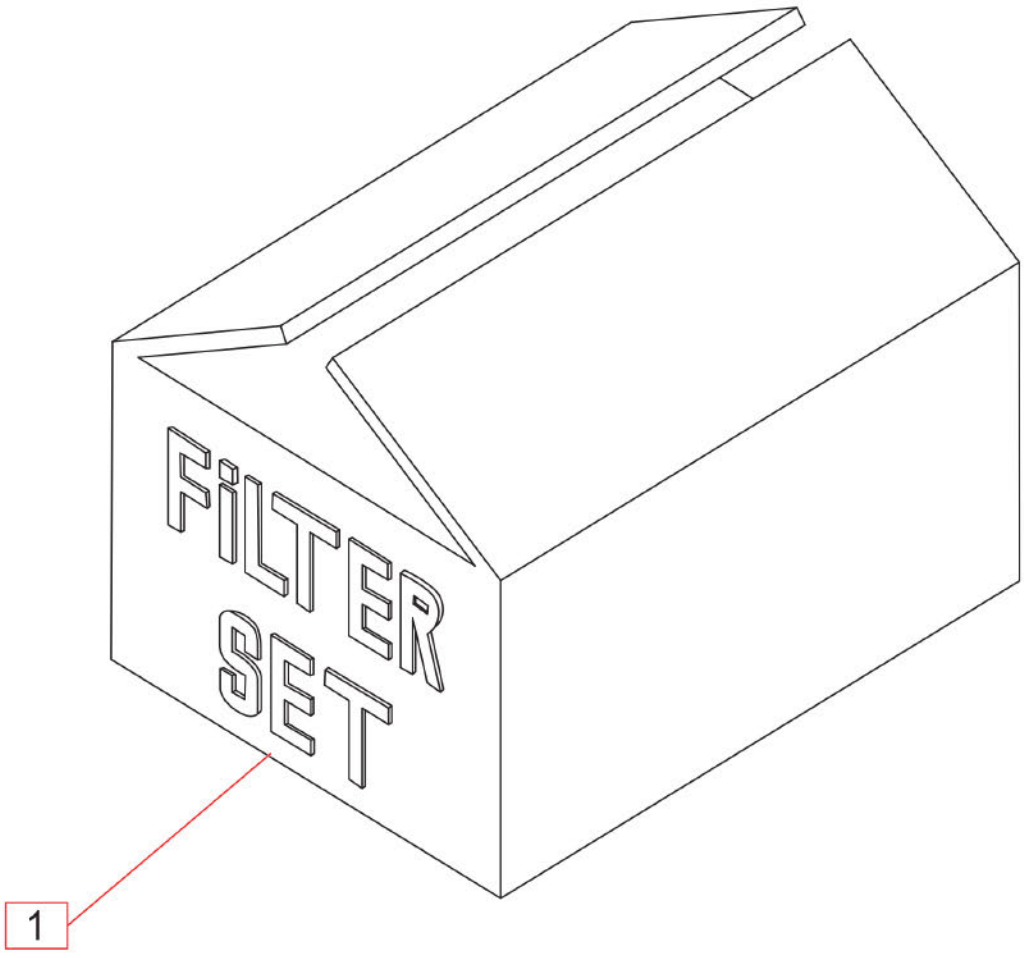


* Number identifies the sole component in the supplied breakdown.

PARTS SECTION: FILTER ENGINE OIL

FIGURE 12.02 | Filters & service kits

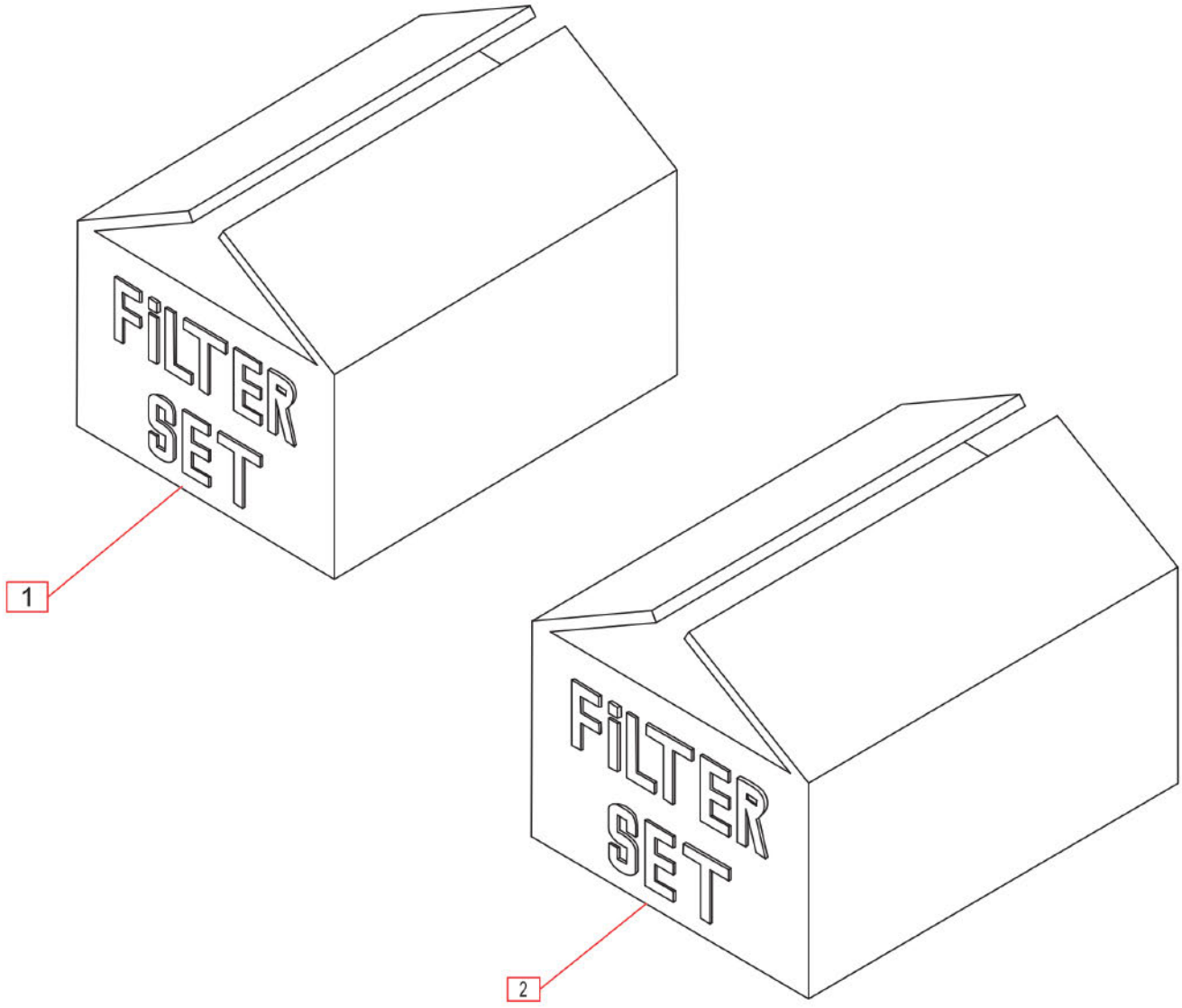
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1015-0226-00**	Motorolie filter D722 / D902



PARTS SECTION: FILTER AIR INLET

FIGURE 12.03 | Filters & service kits

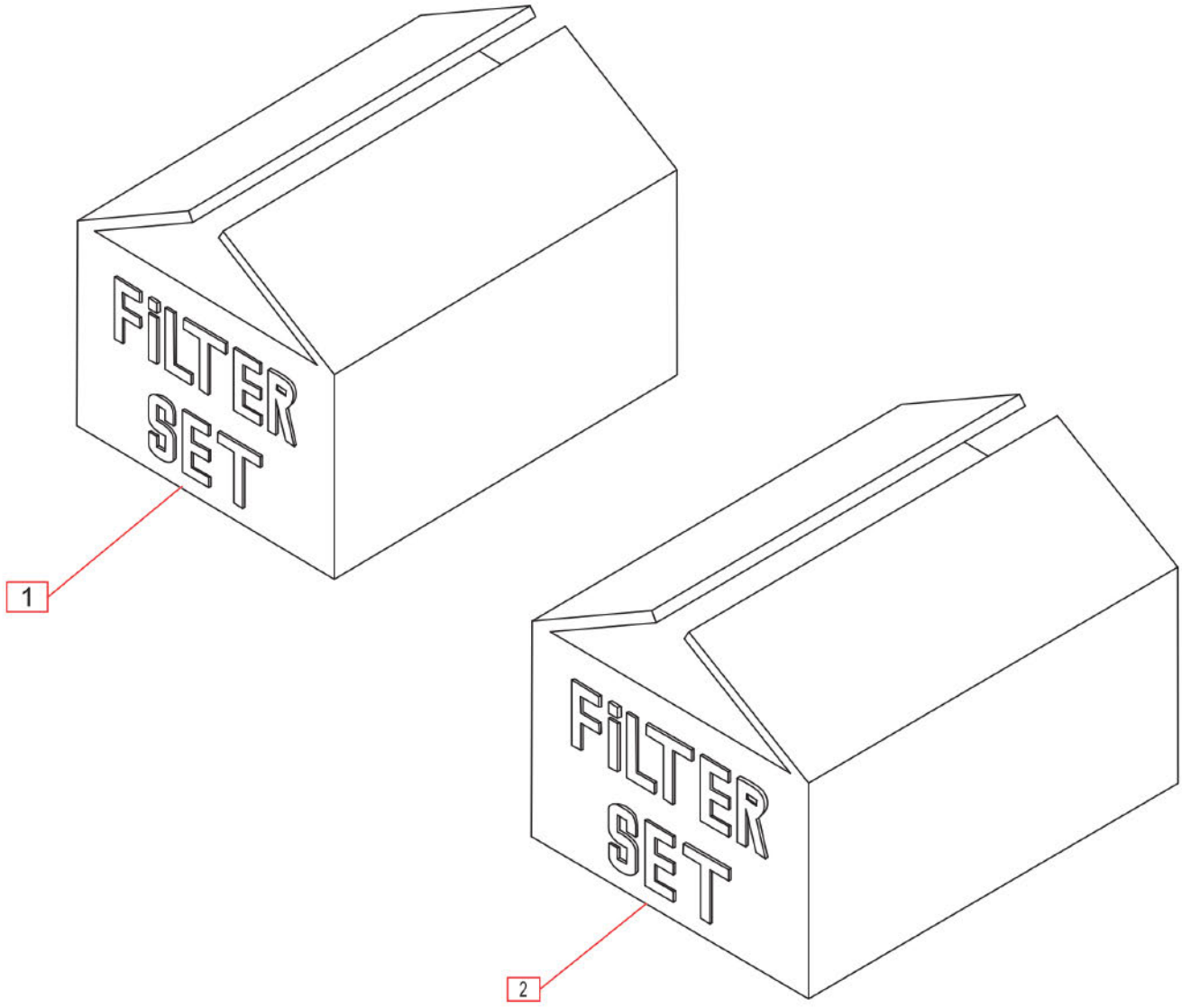
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1063-9014-00**	Main element
2	1	**1063-9015-00**	Safety element



PARTS SECTION: FILTER FUEL

FIGURE 12.04 | Filters & service kits

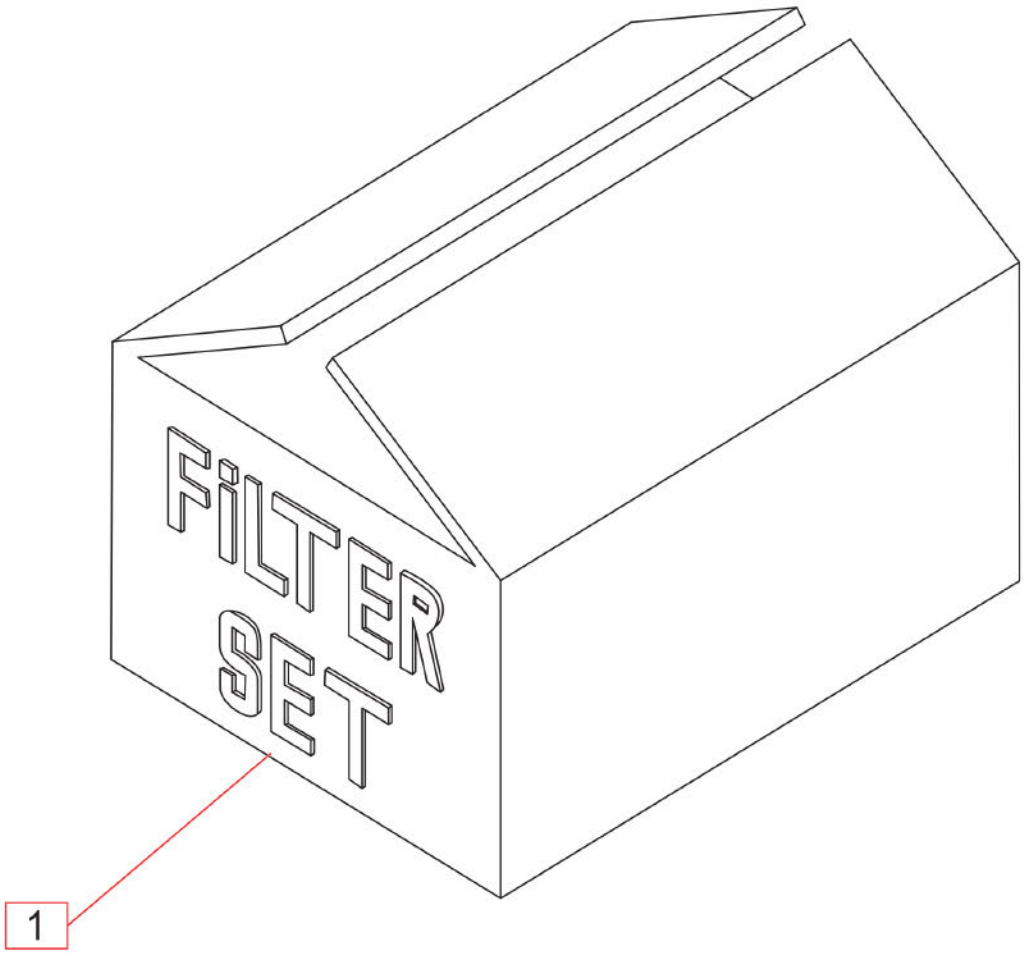
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1063-9011-00**	Brandstoffilter grof G2
2	1	**1063-9013-00**	Fuel filter Giant



PARTS SECTION: FILTER HYDRAULIC OIL

FIGURE 12.05 | Filters & service kits

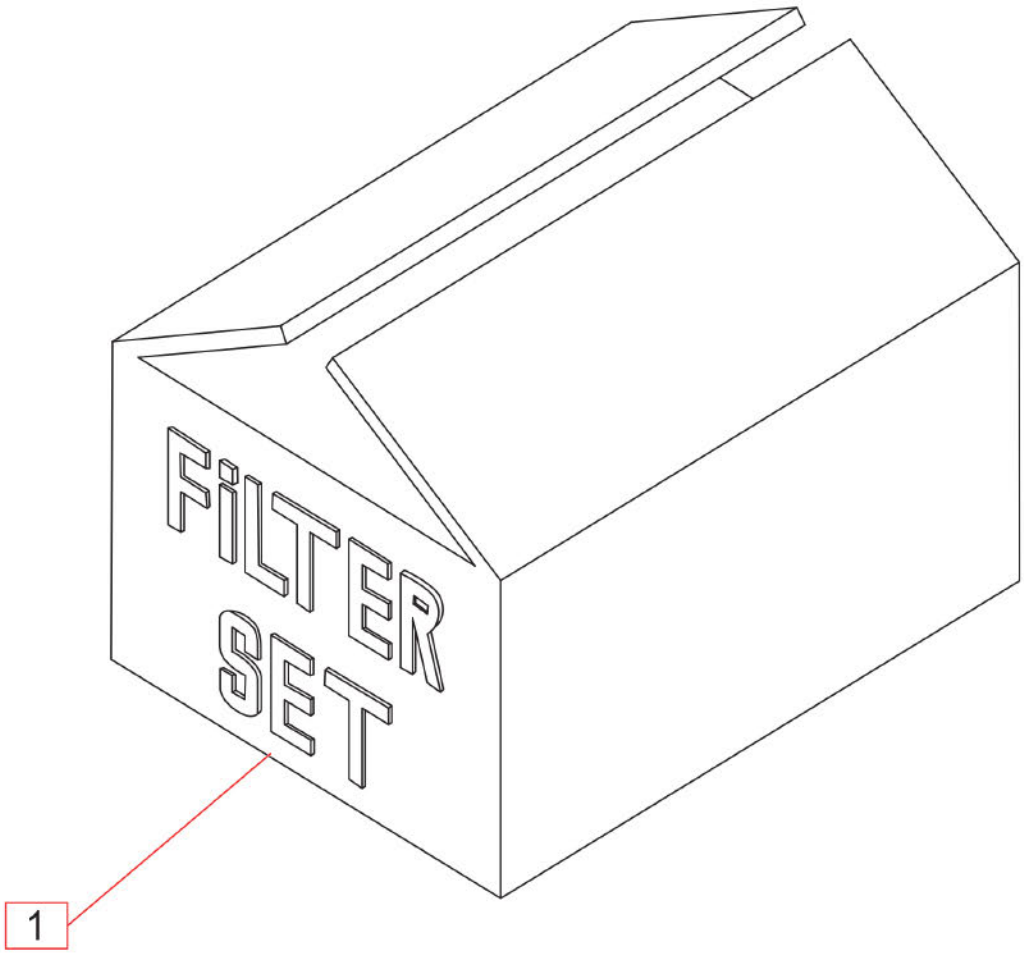
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1063-9012-00**	Combi filter element RKM85 spare



PARTS SECTION: FILTER SET 50H

FIGURE 12.06 | Filters & service kits

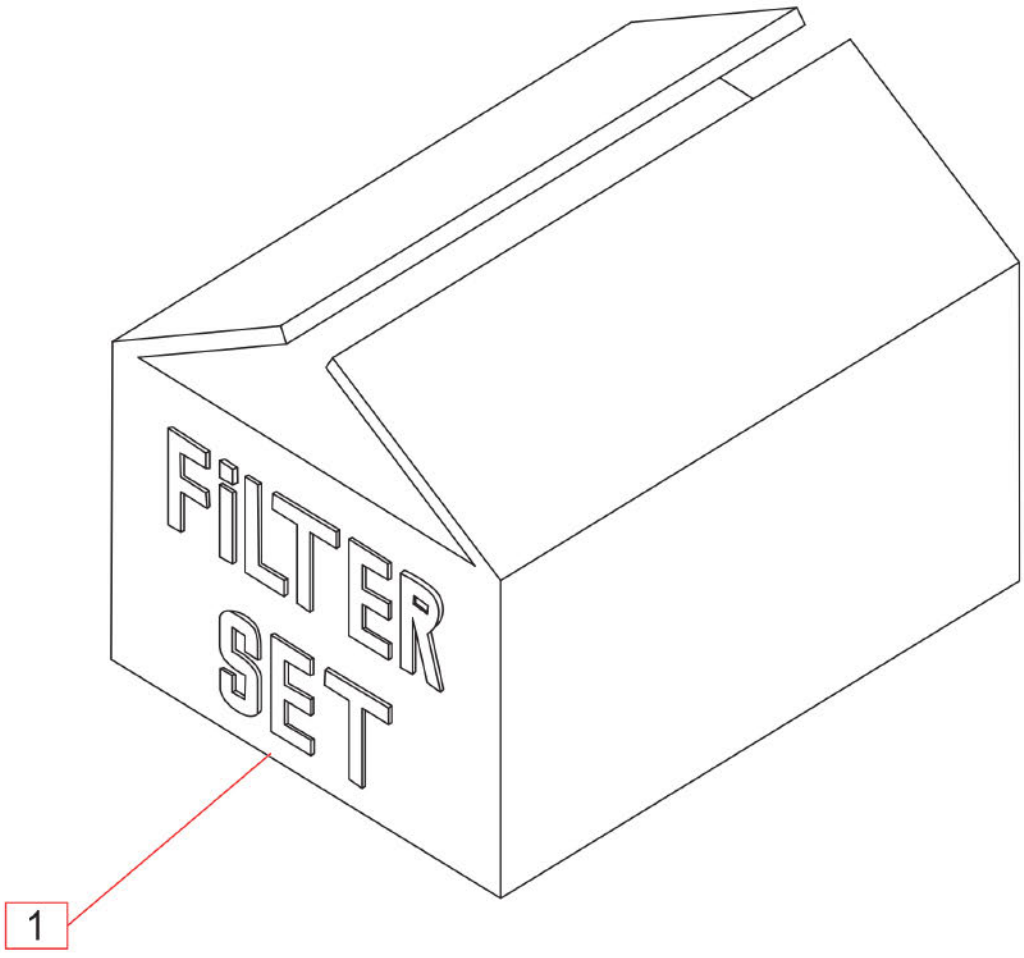
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1063-9018-00**	Filter set SK201/251D 50H (see p. 165)



PARTS SECTION: FILTER SET 250H

FIGURE 12.07 | Filters & service kits

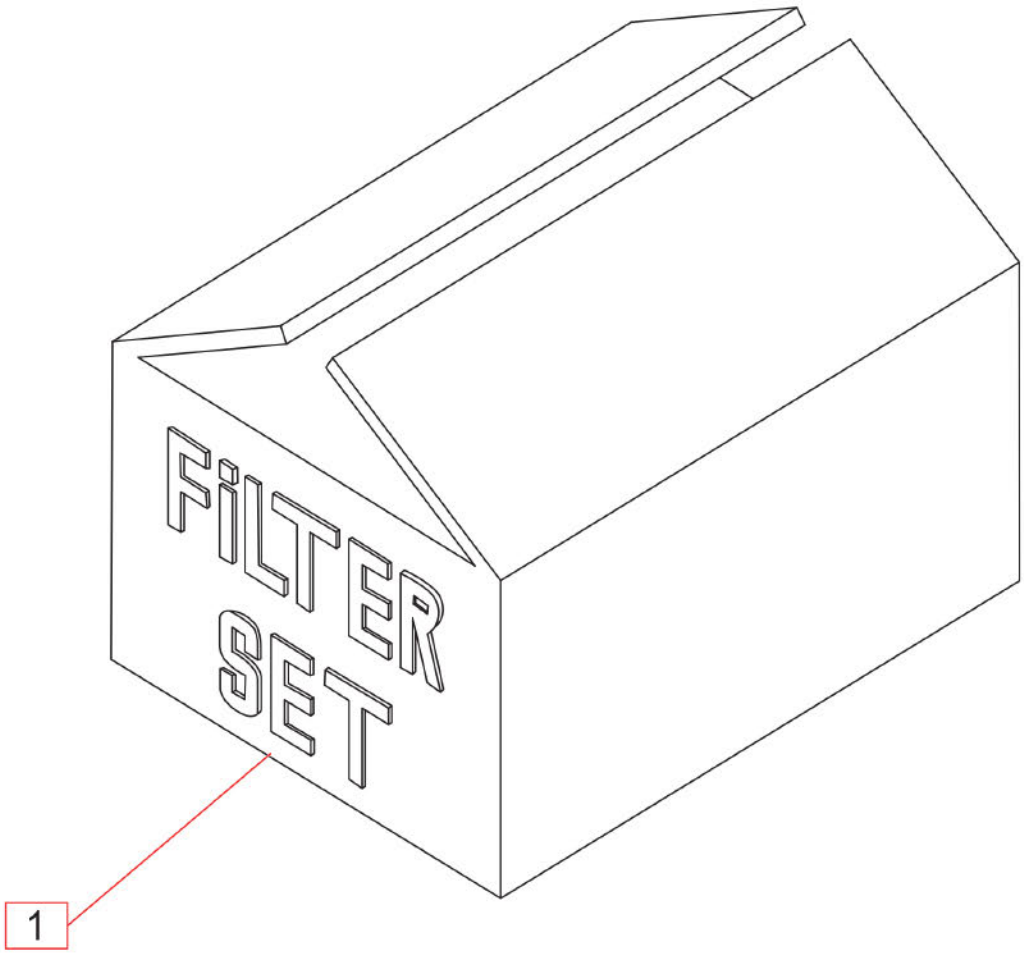
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1063-9019-00**	Filter set SK201/251D 250H (see p. 166)



PARTS SECTION: FILTER SET 250H + AIR

FIGURE 12.08 | Filters & service kits

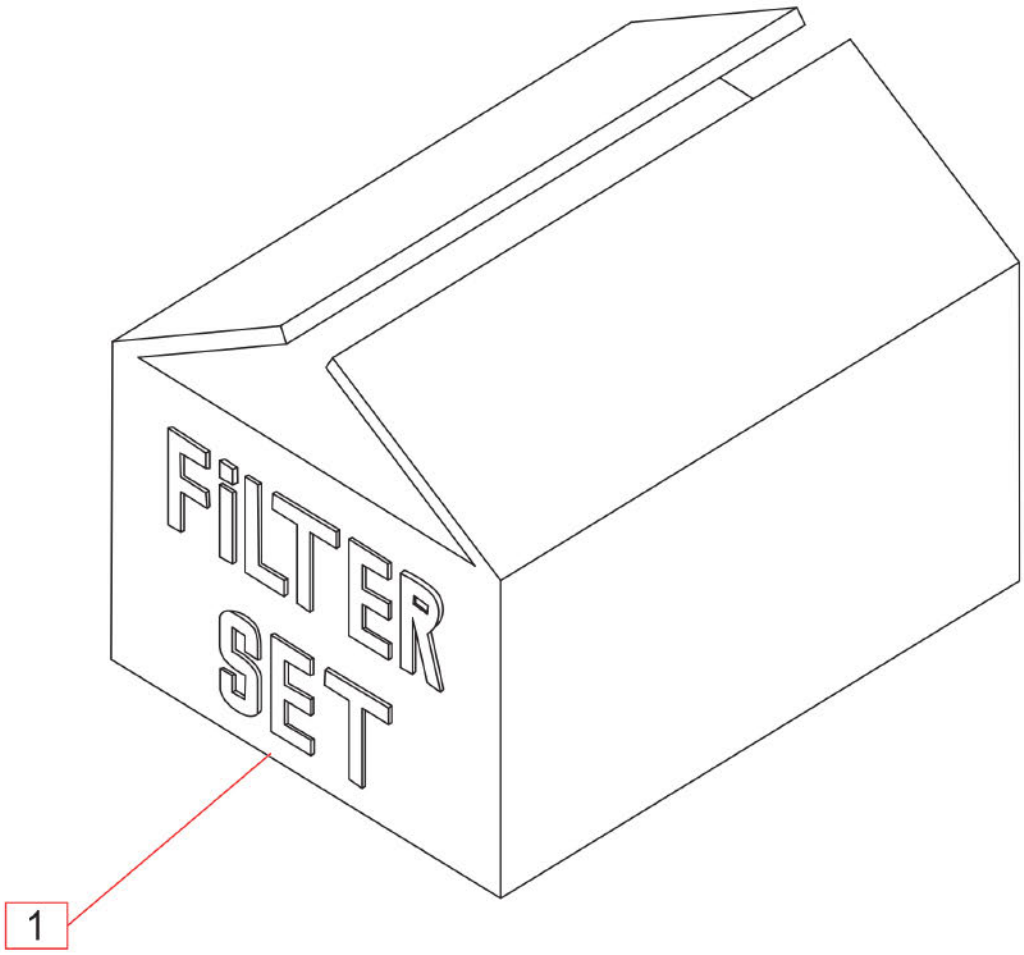
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1063-9020-00**	Filter set SK201/251D 250H+air (see p. 167)



PARTS SECTION: FILTER SET 500H

FIGURE 12.09 | Filters & service kits

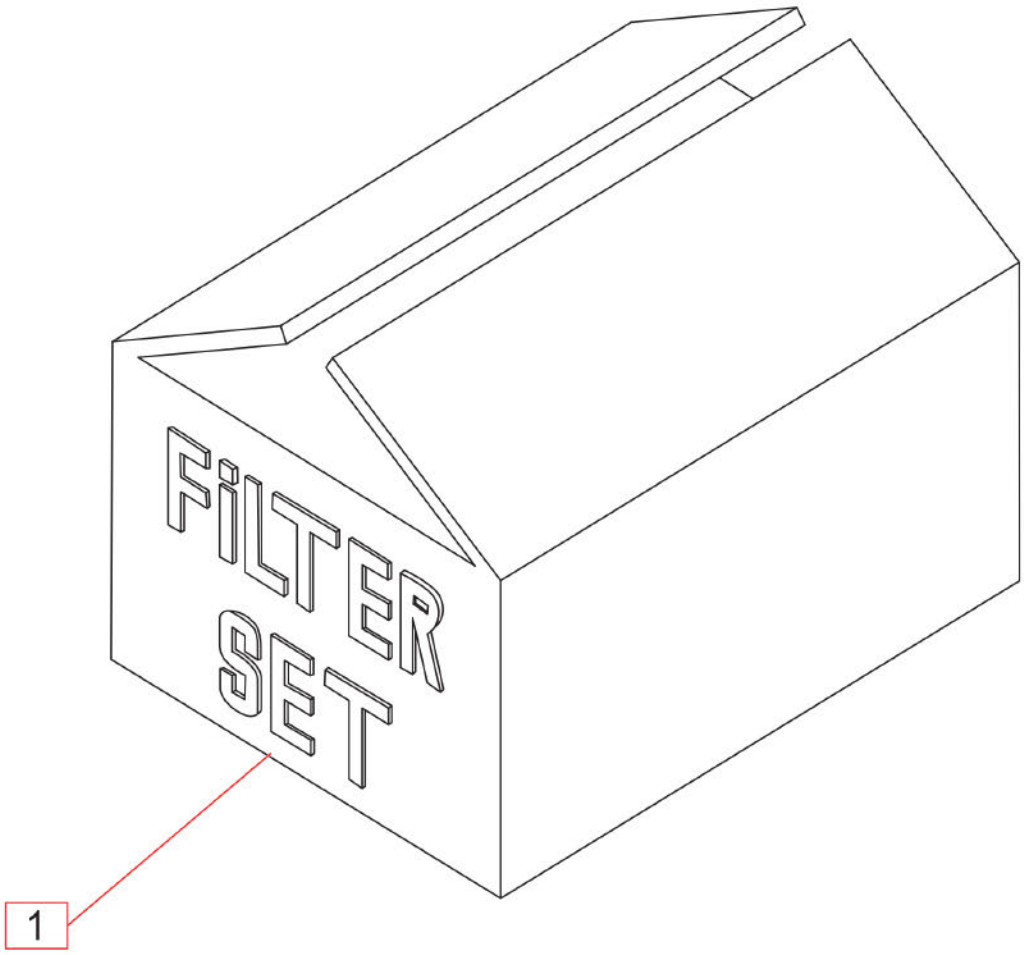
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1063-9021-00**	Filter set SK201/251D 500H (see p. 168)



PARTS SECTION: FILTER SET 1000H

FIGURE 12.10 | Filters & service kits

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1063-9022-00**	Filter set SK201/251D 1000H (see p. 169)



PARTS SECTION: FILTER SET SK201/251D 50H

FIGURE 12.11 | Filters & service kits

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1015-0226-00**	Motorolie filter D722 / D902
2	1	**1063-9011-00**	Brandstoffilter grof G2
3	1	**1063-9012-00**	Combi filter element RKM85 spare

Drawing not supplied for this component list.

PARTS SECTION: FILTER SET SK201/251D 250H

FIGURE 12.12 | Filters & service kits

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1063-9012-00**	Combi filter element RKM85 spare
2	1	**1015-0226-00**	Motorolie filter D722 / D902
3	1	**1063-9011-00**	Brandstoffilter grof G2

Drawing not supplied for this component list.

PARTS SECTION: FILTER SET SK201/251D 250H+AIR

FIGURE 12.13 | Filters & service kits

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1063-9011-00**	Brandstoffilter grof G2
2	1	**1063-9012-00**	Combi filter element RKM85 spare
3	1	**1015-0226-00**	Motorolie filter D722 / D902
4	1	**1063-9014-00**	Main element
5	1	**1063-9015-00**	Safety element

Drawing not supplied for this component list.

PARTS SECTION: FILTER SET SK201/251D 500H

FIGURE 12.14 | Filters & service kits

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1063-9011-00**	Brandstoffilter grof G2
2	1	**1063-9014-00**	Main element
3	1	**1015-0226-00**	Motorolie filter D722 / D902
4	1	**1063-9012-00**	Combi filter element RKM85 spare
5	1	**1063-9015-00**	Safety element
6	1	**1063-9013-00**	Fuel filter Giant

Drawing not supplied for this component list.

PARTS SECTION: FILTER SET SK201/251D 1000H

FIGURE 12.15 | Filters & service kits

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1	**1063-9011-00**	Brandstoffilter grof G2
2	1	**1063-9015-00**	Safety element
3	1	**1063-9013-00**	Fuel filter Giant
4	1	**1063-9012-00**	Combi filter element RKM85 spare
5	1	**1015-0226-00**	Motorolie filter D722 / D902
6	1	**1063-9014-00**	Main element
7	1	**1014-9205-00**	Dipstick filter cap L

Drawing not supplied for this component list.

PARTS SECTION: OPTIONAL EQUIPMENT

FIGURE 13.01 | Optional equipment

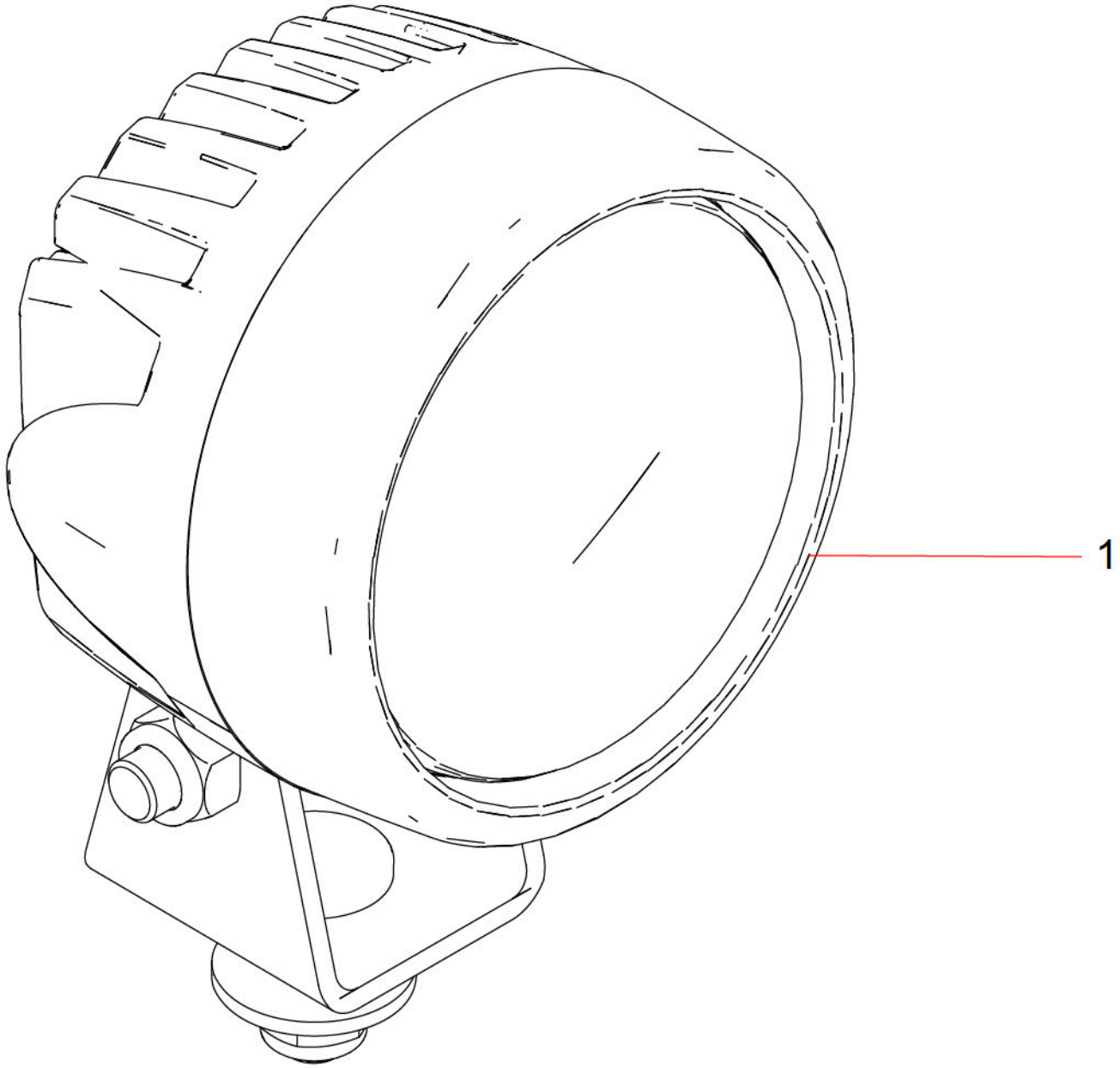
ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
1	1		3-pin connector 12V
2	1		Counterweight under step plate
3	1	**1053-5217-00**	3/8 Male FF case drain
4	1		Quick hitch 295H CII
5	1	**1046-6054-00**	2 LED right + left work. light

Drawing not supplied for this component list.

PARTS SECTION: LED WORK LIGHT

FIGURE 13.02 | Optional equipment

ITEM	QTY	BAD BOY PART NO.	DESCRIPTION
			LED work light



Parts list and quantity not supplied.

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1010-7002-00	Bearing standard BRG 1-2	23, 57
1010-7004-00	Bearing -0.40mm BRG 1-2	23, 57
1010-7005-00	Connecting rod bearing set standard	26, 57
1010-7006-00	Connecting rod bearing set -0.20mm	26, 57
1010-7007-00	Big end bearing set -0.40mm	26, 57
1010-7008-00	Bearing standard	26, 57
1010-7009-00	Bearing -0.20mm	26, 57
1010-7010-00	Bearing -0.40mm	26, 57
1010-7011-00	Bearing standard	23, 57
1010-7012-00	Bearing -0.20mm BRG W	23, 57
1010-7013-00	Bearing -0.40mm BRG W	23, 57
1010-7103-00	Bearing -0.20mm BRG 1-2	23, 57
1013-0011-00	Nut	35, 36
1013-0013-00	Nut DIN934 M12	99
1013-0014-00	Nut DIN934 M16	102
1013-0015-00	Nut DIN934 M6	118
1013-0016-00	Nut DIN934 M8	60
1013-0017-00	Nut flange	35
1013-0018-00	Metal lock nut DIN980 M8	60
1013-0019-00	Nut, flange	50
1013-0020-00	Lock nut DIN985 M10	111, 146
1013-0021-00	Lock nut DIN985 M12	102
1013-0022-00	Lock nut DIN985 M6	91, 93
1013-0023-00	Lock nut DIN985 M8	61, 72, 80, 85, 146
1013-0024-00	Lock nut, wld	102

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1013-0033-00	Washer	48
1013-0034-00	Washer	17
1013-0071-00	Shim 0.250mm	31
1013-0072-00	Shim 0.350mm	31
1013-0096-00	DIN 935-1 M24	102
1013-9007-00	Nut	39, 40, 51
1013-9008-00	Shim 0.2 mm injection pump	31
1013-9009-00	Shim 0.3 mm injection pump	31
1013-9010-00	Nut	17, 45
1013-9011-00	Low nut DIN439 M12	127
1013-9012-00	Coupling nut DIN6334 M8	93
1013-9014-00	NUT 12L	123
1014-0002-00	Cover thermostat	43
1014-0020-00	Top mounting combi cooler	63
1014-9101-00	Inspection hatch	103
1014-9102-00	Cap. sealing	15
1014-9103-00	Cap.sealing	13
1014-9104-00	Cover breather	18
1014-9105-00	Cap, sealing	15
1014-9106-00	Cover fuel camshaft	13
1014-9108-00	Dust cap Flat face Male 12.5 RED	135
1014-9109-00	Battery terminal protective cap	95
1014-9110-00	Oil tank cap	123
1014-9112-00	Dust cap Flat face Female 12.5 ROOD	135
1014-9205-00	Dipstick filter cap L	123, 169

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1014-9206-00	Fuel filter cover assy	76
1014-9403-00	Radiator cap	64
1014-9502-00	Gasket head cover D902	18, 53
1014-9601-00	Dust cover grease nipple red	82, 144, 147
1015-0007-00	Air intake hose G1100	62
1015-0009-00	Assy case main bearing 1	23
1015-0010-00	Assy case main BRG 2	23
1015-0011-00	Camshaft assy	24
1015-0017-00	Circlip	26, 58
1015-0030-00	Crankcase	13
1015-0031-00	Crankcase complete	13
1015-0045-00	Exhaust Pipe D902	60
1015-0046-00	Exhaust pipe skid D902	60
1015-0047-00	Exhaust support	60
1015-0073-00	Valve spring retainer	48
1015-0080-00	Oil pan	14
1015-0085-00	Oil slinger	26
1015-0097-00	Pipe 1 injection	35
1015-0098-00	Pipe 2 injection	35
1015-0099-00	Pipe 3 injection	35
1015-0123-00	Injector holder	35, 36
1015-0126-00	Connecting rod assy	26
1015-0131-00	Bolt connecting rod	26
1015-0132-00	Gasket	50, 51, 53
1015-0133-00	Seal thermostat 05/03-series	43, 53

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1015-0134-00	Assy apparatus idle	29
1015-0141-00	Combi cooler D204 + SKID	63, 113, 131
1015-0142-00	Thermostat Kubota 05- series	43
1015-0146-00	Gasket exhaust	60
1015-0147-00	Collar, crankshaft D902	26
1015-0148-00	Brandstoffilter h+elem Kubota	75
1015-0173-00	Fuel nozzle gasket 05-engine	35, 36, 53
1015-0226-00	Engine oil filter D722/D902	19, 155, 156, 165, 166, 167, 168, 169
1015-0231-00	Gasket	43, 53
1015-0323-00	Valve spring collet	48
1015-1025-00	Injector kit	35, 36
1015-1028-00	Valve guide inlet	15
1015-1029-00	Valve guide exhaust	15
1015-1033-00	Valve cap	48
1015-1034-00	Rocker arm assy	48
1015-1038-00	Tappet	24
1015-1043-00	Piston pin	26, 58
1015-1056-00	Piston	26, 58
1015-1057-00	Piston 025	26, 58
1015-1058-00	Ring, piston, assy	26, 58
1015-1059-00	Ring, piston, assy 025	26, 58
1018-0003-00	Flat cap DIN7991 M10x100	147
1018-0004-00	Flat cap DIN 7991 M12x30	86, 146
1018-0009-00	Bolt	18

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1018-0011-00	Bolt flange	24, 30
1018-0012-00	Bolt flywheel	27
1018-0013-00	Bolt sems	17, 43
1018-0014-00	Bolt sems	48
1018-0015-00	Bolt sems	14
1018-0016-00	Bolt sems	23, 44
1018-0017-00	Bolt sems >=4LS0001	14
1018-0018-00	Bolt, flange	17, 33
1018-0019-00	Bolt, flange	48
1018-0020-00	Bolt, flange	50
1018-0021-00	Bolt, sems <=4LRZ999	14, 24, 28
1018-0022-00	Bolt, stud	50
1018-0023-00	Bolt. sems	44
1018-0025-00	Cylinder head bolt	15
1018-0030-00	Cylinder head bolt	15
1018-0045-00	Hex cap bolt DIN933 M16x140	102
1018-1000-00	Hex cap bolt DIN933 M10x16	80, 127, 128, 144, 146
1018-1001-00	Hex cap bolt DIN933 M10x35	102, 110, 147
1018-1002-00	Hex cap bolt DIN933 M12x35	6, 86, 102
1018-1003-00	Hex cap bolt DIN933 M12x60	103
1018-1004-00	Hex cap bolt DIN933 M14x30	60
1018-1005-00	Hex cap bolt DIN933 M6x16	74, 80, 85, 91, 123
1018-1006-00	Hex cap bolt DIN933 M6x20	63, 87
1018-1008-00	Hex cap bolt DIN933 M6x35	138, 147
1018-1009-00	Hex cap bolt DIN933 M8x20	6, 60, 69, 102

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1018-1010-00	Hex cap bolt DIN933 M8x25	60, 85
1018-1012-00	Hex cap F DIN961 M10x1.25x25	6
1018-9004-00	Hex cap bolt DIN933 M8x16	63, 70, 75, 77, 80, 84, 95, 103, 136, 140
1018-9005-00	Button cap DIN7380 M6x16	85, 93, 111
1018-9006-00	Button cap DIN7380 M6x25	110
1018-9007-00	Carriage bolt DIN603 M10x30	110
1018-9008-00	Assy bolt adjusting	29
1018-9009-00	Banjo bolt G1/4"	118
1018-9012-00	Buffer 50x17 M10x28 Bolt Std.	111
1018-9013-00	Bolt	31
1018-9014-00	Bolt	39
1018-9015-00	Hex cap bolt DIN933 M10x45	110
1018-9016-00	Hex cap bolt DIN933 M8x35	118, 133
1018-9017-00	Accuklem plus + M10 bout	95
1018-9018-00	Hex cap bolt DIN933 M10x20	82
1018-9019-00	Hex cap bolt DIN933 M6x80	118
1018-9020-00	Hex cap bolt DIN933 M8x80	118
1018-9104-00	Hex cap bolt DIN931 M8x160 8.8	95
1019-0001-00	Flat washers Din7349 M24	102
1019-0004-00	Washer DIN125A M8	60, 61, 70, 75, 77, 80, 95, 102, 124, 127, 136, 140, 146
1019-0021-00	Gasket ring D1105/V1505	36
1019-0022-00	Washer DIN125A M10	102, 111, 127, 128, 146
1019-0023-00	Flat washer DIN9021A M12	102

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1019-0024-00	Nord-lock M10	6
1019-0025-00	Flat washer DIN9021A M6	63, 80, 85, 87, 111
1019-0026-00	Nord-lock M8	6, 72
1019-0027-00	Spring washer DIN127B M6	63
1019-0028-00	Nord-lock SP body M12	6
1019-0029-00	Washer spring lock	39, 40, 51
1019-0030-00	Flat washer DIN9021A M8	60, 61, 63, 69, 80, 85
1019-0031-00	Nord-lock 1 1/4"	99
1019-0032-00	Washer	39
1019-0033-00	Washer	48
1019-0034-00	Assy washer adjust	36
1019-0035-00	Washer DIN125A M14	60
1019-0104-00	Washer DIN125A M12	80, 86, 103, 150
1019-0119-00	Nord-lock SP body M10	6, 80, 82, 144, 146
1019-0120-00	Washer DIN125A M6	74, 91, 111, 118, 123, 138, 147
1019-0121-00	Nord-lock M12	82, 99
1019-0220-00	Flat washer DIN9021A M10	111
1019-0319-00	Nylon washer 21x40x3 mm	110
1020-0009-00	Pin	48
1020-0010-00	Roll pin DIN1481 4x30	144, 146
1020-0011-00	Roll pin DIN1481 5x36	102
1020-0020-00	Pin Dia30x78mm, wld	144, 146
1020-8001-00	Pin Dia25x61mm, wld	144, 146
1020-8002-00	Lock pin hydraulic skid	147

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1020-8003-00	Lock pin	144
1022-0007-00	Bearing case full assy	23
1022-0020-00	Front wheel	103
1022-9113-00	Track roller 230	103
1022-9114-00	Sprocket flange skid	99
1022-9115-00	Rubber track 230X72X38	150
1022-9916-00	Sprocket track 230	150
1024-9113-00	Socket cap DIN912 M12x35	150
1024-9114-00	Socket cap DIN912 M12x65 10_9	99
1024-9115-00	Socket cap DIN912 M8x20	124
1024-9116-00	Screw bleeder	35
1024-9117-00	Socket cap DIN912 M8x35	72
1024-9913-00	Screw in O15L-OG3/8	128, 140
1024-9914-00	Screw in O15L-OG1/2	128, 136
1024-9915-00	Socket setbolt DIN916 M8x40	63
1024-9916-00	Socket cap DIN912 M8x40	127
1024-9917-00	Screw in O8L-OG3/8	127
1024-9918-00	Screw, SEMS	35
1024-9919-00	Screw in O12L -OG3/8	127
1024-9920-00	Screw in O18L-OG1/2	128, 136
1024-9922-00	Screw in O12L-OG1/2	132
1024-9923-00	Screw in O18L-OG3/4	132
1024-9924-00	Screw in O22L-OG1	124
1024-9925-00	Screw in O8L-OG1/8	140
1024-9926-00	screw in I18L-OG1/2" ED	132

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1024-9927-00	screw in I18L-OG3/4" ED	132
1026-0006-00	Cover plate	147
1026-0040-00	Lift plate hydr, lock D204SW	146
1026-0050-00	Plate fork holder	103
1026-0051-00	Inner side clamping plate	103
1026-0055-00	Speed control plate	33
1026-9003-00	Speed control plate complete	33
1026-9004-00	Afdekplaatje schakelaar Cobo	111
1026-9006-00	Weldment foot plate	110
1026-9103-00	Fastening Strip Battery	95
1027-9002-00	Fuel pipe assy	31
1027-9003-00	Tube fuel assy	35
1027-9004-00	Tube fuel assy	35
1027-9005-00	Water return pipe	43
1027-9006-00	Overflow pipe D902	35
1027-9102-00	Tube nipple G1"	108
1027-9103-00	Tube nipple G1" (2)	108
1027-9104-00	Pipe breather	18, 43
1027-9105-00	T-pipe connector	35
1027-9106-00	Pipe fuel assy	35
1029-8021-00	Pulley fan D722	46
1029-8022-00	Crankshaft pulley	39
1030-9003-00	Ball knob Dia40 M12	128
1030-9004-00	Tapered Knob Dia10	127
1030-9005-00	Knob drive lever	128

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1031-9082-00	Level arm hydr lock, wld	146
1031-9083-00	Throttle lever series 02	33
1031-9085-00	Throttle lever	70
1031-9086-00	Rocker 2 bucket lock/unlock	91
1031-9087-00	Lifting arm extra funct left	135
1031-9088-00	Function lever, wld	128
1031-9089-00	Lifting arm extra funct right	135
1031-9090-00	Drive lever, wld.	128
1032-0001-00	Bushing	24
1032-9103-00	Hinge bushing hip frame Skid	110
1032-9104-00	CSB200 25x35x30	114
1032-9903-00	Bush 2	103
1032-9904-00	Bush lock pin	144, 147
1032-9905-00	Bushing piston pin	26, 58
1033-8051-00	bonded seal G 1/4"	118
1033-8052-00	O-ring	33, 55
1033-8053-00	Seal. oil	23, 55
1033-8054-00	Valve seal	48, 53
1033-8055-00	O-ring	14, 55
1033-8056-00	Oil seal	17, 55
1033-8057-00	O-ring	18
1033-8060-00	Seal kit 45x25 DA	115
1033-8151-00	O-ring	33, 55
1033-8152-00	O-ring	26, 55
1033-8153-00	O-ring oil filler cap	53

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1033-8154-00	Seal kit 60x30 DA	116
1033-8155-00	Seal kit 25x16 DA	148
1033-8156-00	Gasket combi filter 2-holes	125
1033-8157-00	Seal oil tank skid	123
1033-8158-00	Seal 4 holes oil filter small	124
1034-9086-00	Key, feather	26, 28
1034-9087-00	Feather key	24
1035-9051-00	Push rod	24
1037-0001-00	Shaft spindle	103
1037-9051-00	Threaded Rod M12x60	127
1039-0001-00	Mounting diesel filter	77
1039-0005-00	Mount bkt Kub D722&D902 L, wld	6
1039-0006-00	Mount bkt Kub D722&D902 R, wld	6
1039-9101-00	Engine mount mech damper	6
1039-9102-00	Vibration damper SCB35 Dia8mm	63
1039-9103-00	Buffer type D d50h39 M10 57Sh	111
1039-9104-00	Mounting band	61
1039-9106-00	Cushion mounting	110
1039-9107-00	Mounting bracket soft break va	140
1040-7001-00	Compression Spring	144, 146
1040-7002-00	Spring start	32
1040-7004-00	Spring	17
1040-7101-00	Return spring	33
1040-7102-00	Stamp spring	103
1040-7103-00	Valve spring	48

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1041-0001-00	V-belt D902	39
1042-9051-00	Switch holder (center)	111
1042-9052-00	Temperature sensor Kubota 05 series yellow	43
1042-9053-00	Switch holder (end)	111
1042-9054-00	Oil pressure switch for 03+05 engines	41
1042-9056-00	Ignition switch Cobo NEW 26 mm	91
1042-9057-00	Battery switch	93
1042-9058-00	Switch key 2L attachment unlock	91
1042-9059-00	Rocker switch 0-1 lock speed	91
1042-9060-00	Rocker switch 0-1 lock 2nd GP	91
1043-8934-00	Solenoid tbv WS06Z(R)	138, 147
1043-8937-00	Coil 12v DT BER12VDC	137
1043-8938-00	Coil 12V DT04 BH	137
1044-6051-00	Timer relay Kubota D722/D902	91
1046-6049-00	Warning light charging	92
1046-6050-00	Warning light preheating	92
1046-6051-00	Warning light oil pressure engine low	92
1046-6052-00	Warning light hydr. oil temperature	92
1046-6053-00	Warning light coolant temperature	92
1046-6054-00	2LED work lights front, left and right on chassis	170
1047-9001-00	Connector oil filter	17
1047-9011-00	Jump start connection plus	93
1050-0042-00	Drain plug	14
1050-9116-00	Plug	13
1050-9117-00	Plug	13

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1050-9118-00	Plug	43
1050-9119-00	Cap, sealing	13
1050-9416-00	Plug M8x1	141
1050-9417-00	Plug 1/4"	114, 137
1050-9418-00	Plug 1/8"	141
1050-9419-00	Plug 3/8"	69
1050-9420-00	Plug oil gauge	20
1050-9421-00	Drain valve Z400/D600/V800	13
1050-9422-00	Breather plug	76
1050-9423-00	Plug OG1" Magnetic	123
1050-9424-00	Plug 3/4"	124
1050-9425-00	Blanking plug conic 12L	123
1051-0008-00	Hose inner T-QC to 2/2 valv NR2	147
1051-9102-00	Hose fuel filter to engine in	72
1051-9103-00	Hose fuel tank to fuel filter	72
1051-9502-00	Hose fuel motor to fuel filter	72
1051-9503-00	Hose fuel filter to fuel motor	72
1052-8001-00	Tube clamp double 18	118, 133
1052-8002-00	Clamp cover double 14-18	118
1052-8003-00	Hose clamp mini 15	72
1052-8004-00	Clamp, hose	43
1052-8005-00	Band clamp	45
1052-8006-00	Hose clamp 44-56 mm	62
1052-8007-00	Hose clamp mini 8 mm	72
1052-8009-00	Clamp cover double 20-25	118

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1052-8010-00	Clamp, fuel pipe	35
1052-8011-00	Clamp hose	18
1052-8012-00	Saddle Pipe Clip 11/2" 20 x 2 mm	77
1052-8013-00	Clamping clip 15 mm	72
1052-8014-00	Clamping clip 41 mm	74
1052-8015-00	Clamp cover double 6-12	147
1052-8101-00	Hose clamp 26-38 mm	65, 120
1052-8102-00	Hose clamp 11-17mm	72
1052-8103-00	Exhaust clamp 45 mm	60
1052-8104-00	Clamp pipe	35
1052-8105-00	Hose clamp 15-24 mm	123
1052-8106-00	Tube clamp double 15	118
1052-8107-00	Tube clamp double 22	118
1052-8108-00	Tube clamp double 12	147
1053-5106-00	Grease fitting 180dg M6x1	82, 144, 146
1053-5107-00	fitting 90deg I15-O15L	128
1053-5108-00	Screw in O15L-O7/8UNF	99
1053-5109-00	fitting L I22L-O22L-O22L	136
1053-5110-00	fitting T O8L-I8L-O8L	118
1053-5111-00	Fitting cross O18L	132
1053-5206-00	Grease nipple M6x1 180gr Short	115, 116
1053-5207-00	Screw in O8L-OG1/4	128, 138, 147
1053-5209-00	fitting L I12L-O12L-O12L	123, 133, 147
1053-5210-00	fitting 90deg I18L-O18L	132
1053-5211-00	Bulkhead O8L - O8L	118

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1053-5212-00	Flatface_F_ISO16028_12L_1/2'	135
1053-5213-00	Flatface_M_ISO16028_12L_1/2'	135
1053-5214-00	Flatface_M_ISO16028_15L_1/2'	135
1053-5217-00	Leak oil connection front - Flat Face	170
1054-8020-00	Slangtule 3/4BU x 25mm slang	120
1054-8021-00	Hose brake valve B1 to rear RHA	100
1054-8022-00	Hose brake valve D1 to rear LHB	100
1054-8023-00	Hose brake valve A1 to rear RHB	100
1054-8024-00	Hose brake valve C1 to rear LHA	100
1054-8028-00	Hose aeration hydraulic tank	123
1054-8029-00	Hose lift cyl LHS T NR B to CB	118
1054-8030-00	Hose lift cyl LHS T NR A to CR	118
1054-8031-00	Hose lift cyl RHS T NR A to CR	118
1054-8032-00	Hose lift cyl RHS T NR B to CB	118
1054-8033-00	Hose combi cooler to filter	132
1054-8034-00	Hose pump P2 to P1 Flexflow	136
1054-8035-00	Hose pump P1 to P2 Flexflow	136
1054-8036-00	Hose pump P1 to P1 Softbrake	140
1054-8037-00	Hose T Flexflow to filter	136
1054-8038-00	Hose MCV Flexflow to P valve	136
1054-8039-00	Hose T valve to cooler	132
1054-8040-00	Hose AUX Flexflow to QC	134
1054-8041-00	Hose oil tank to gear pump S2	120
1054-8042-00	Hose oil tank to gear pump S1	120
1054-8043-00	Radiator hose top D902	65

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1054-8044-00	Hose brake valve A1 TO D	140
1054-8045-00	Hose brake valve A2 TO B	140
1054-8046-00	Hose brake valve B2 TO A	140
1054-8047-00	Hose 3e qc brkt to P valve B3	133
1054-8048-00	Hose 3e qc brkt to P valve A3	133
1054-8049-00	Hose control valve B5 to NR B	118
1054-8050-00	Hose control valve A5 to NR A	118
1054-8051-00	Hose top cyl rod to P valve B4	118
1054-8052-00	Hose top cyl btm to P valve B4	118
1054-8053-00	Hose brake valve B1 TO C	140
1054-8054-00	Hose pre-return QC to T-Cooler	134
1054-8055-00	Hose check valve to tank	132
1054-8120-00	Hose water	45
1054-8121-00	Hose Return Engine to fuel tank	72
1054-8122-00	Radiator hose bottom D722/D902	65
1054-8123-00	Koelwaterslang 38-46 mm Compl	77
1054-8124-00	Hose radiator outlet overflow	65
1054-8125-00	Hose 2/2 QH CII NR1 to lock CB	147
1054-8126-00	Hose QH CII H T-QC to lock CR	147
1055-8023-00	Pilot operated relief 10	141
1055-8024-00	Inlet manifold	49
1055-8026-00	2/2 NC terugslag size 6	138, 147
1055-8030-00	Pressure relief valve MC10MV	137
1055-8031-00	Check valve 2 bar	132
1055-8035-00	Manifold softbrake	140

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1055-8036-00	Manifold Flexflow	136
1055-8037-00	Cartridge 2/2NO EF10M	137
1055-8038-00	Cartridge 4/2 ER12M	137
1055-8039-00	Control valve 5-way SDS100/6	127
1055-8123-00	Relief valve	17
1055-8124-00	Exhaust manifold	50
1055-8125-00	Valve body 2/2 FC06-2	138, 147
1056-8059-00	Head gasket D902 paper	15, 53
1056-8060-00	Cylinder lift 45 / 25 / 295	114
1056-8061-00	lock cylinder	146
1056-8062-00	Spherical bearing 30 mm to weld	116
1056-8064-00	Cylinder top 60 / 30 / 293	114
1056-8065-00	Spherical bearing 25 mm to weld	115
1057-8134-00	Seal fuel pump Kubota	38, 55
1057-8135-00	Injection pump D722/D902	31
1057-8934-00	Oil pump engine oil	21
1057-8936-00	Pump flange 15L / LK35 straight	120
1057-8938-00	Fuel supply pump electric 12V	77
1057-8939-00	Fuel pump Mini series	38
1057-8947-00	Gear pump 14.5cc + 6.6cc SAE-B	120
1058-6001-00	Hydromotor 530cc US310	99
1063-0008-00	Fuel filter housing + fuel filter	37
1063-0020-00	Suction filter	14
1063-9011-00	Brandstoffilter grof G2	74, 75, 158, 165, 166, 167, 168, 169

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1063-9012-00	Hydraulic filter	125, 155, 159, 165, 166, 167, 168, 169
1063-9013-00	Fuel filter	37, 158, 168, 169
1063-9014-00	Main element	157, 167, 168, 169
1063-9015-00	Safety element	157, 167, 168, 169
1063-9016-00	Suction filter 1" 43 ltr	123
1063-9018-00	Filter set SK201/251D 50H	155, 160
1063-9019-00	Filter set SK201/251D 250H	155, 161
1063-9020-00	Filter set SK201/251D 250H+air	155, 162
1063-9021-00	Filter set SK201/251D 500H	155, 163
1063-9022-00	Filter set SK201/251D 1000H	155, 164
1063-9027-00	Air cleaner complete	61
1063-9029-00	Combi filter RKM85	124
1064-9006-00	Gasket exhaust manifold	50, 53
1064-9007-00	Gasket, case cover	23, 55
1064-9008-00	Gasket oil pump	21, 55
1064-9009-00	Gasket manifold inlet	49, 53
1064-9010-00	Packing	29
1064-9011-00	Gasket, bearing case	23
1064-9014-00	Kit gasket lower	55
1064-9015-00	Gasket, gear case	55
1064-9016-00	Gasket, bearing case	55
1064-9017-00	Gasket	55
1064-9106-00	Gasket, heat	35, 36, 53
1064-9107-00	Gasket ring	29, 35, 55

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1064-9108-00	Gasket speed control plate	33, 55
1064-9109-00	Gasket ring	31
1064-9110-00	Gasket water pump	44, 55
1064-9111-00	Gasket	31
1064-9112-00	Gasket, cover	17, 55
1064-9113-00	Kit gasket upper	53
1067-0001-00	Fuel tank 23 ltr	69
1068-9001-00	Plug oil filler	18
1068-9101-00	Fuel cap 50 mm	69
1069-8056-00	Gauge glass	69
1069-8060-00	Thermostat 78-90degC 1/2" IP65	91
1069-8061-00	Hour meter 12/24V digital	92
1071-9003-00	Skid cushion LH	110
1071-9004-00	Skid cushion RH	110
1071-9005-00	Skid Cushion front	110
1075-5202-00	Waist protection frame	110
1075-5203-00	Hip protection right	110
1075-5204-00	Hip protection left	110
1075-5302-00	Frame skid track R,wld	103
1075-5303-00	Frame skid track L,wld	103
1079-7004-00	Operator panel	111
1079-7005-00	Control panel black	111
1080-7001-00	Battery 12V 45Ah	95
1082-2051-00	Starter 1.4 kW	40
1083-4051-00	Alternator 40A 05-engine	39

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1083-4052-00	Support for alternator D722/D902	39
1084-6002-00	Ignition key	96
1085-8001-00	Glow plug	35
1086-9026-00	Throttle cable Skid diesel	70
1086-9027-00	Ground cable Frame to Battery	95
1086-9028-00	Cable oil temp sensor 2P, asm	89
1086-9031-00	Cable jump to starter motor	93
1086-9032-00	+ve cable to jump start	93
1086-9033-00	Cable mass to switch	93
1086-9034-00	Cable battery to switch	93
1086-9035-00	Wire harness Flexflow skid	89
1086-9036-00	Buzzer 9-32V 85db IP65	91
1086-9037-00	Wire harness buzzer	89
1086-9038-00	Wire harness skid	89
1086-9126-00	Ground cable engine-frame skid	95
1086-9127-00	Throttle cable fasten support	70
1088-0049-00	Kit metal, engine -0.40mm / +0.40mm	57
1088-0057-00	Piston kit STD	58
1088-0058-00	Piston kit 025	58
1088-0127-00	Kit metal engine	57
1088-0148-00	Kit, metal engine -0.20mm / +0.20mm	57
1088-0149-00	Seal kit RKM85/100/120	125
1091-0001-00	Decal batt. terminal positive	154
1091-0002-00	Decal CII locking	144
1091-0003-00	Decal Entrapment Hazard	154

BAD BOY PART-NUMBER INDEX

PART NUMBER	DESCRIPTION	PAGES
1091-0004-00	Decal grease point	144, 146, 154
1091-0005-00	Decal hydraulic oil	154
1091-0006-00	Decal Keep 4m Distance	154
1091-0007-00	Decal lift point	154
1091-0008-00	Decal Lock Bucket	154
1091-0009-00	Decal mobil Delvac MX ESP	154
1091-0011-00	Decal Slow-Fast	154
1091-0012-00	Decal tie down point	154
1091-0014-00	Decal ultra low sulfur fuel	154
1091-0016-00	Decal warning hot surfaces	154
1091-0020-00	Skid steer Decal Safety	154
1091-9019-00	Decal VL2515T	152
1091-9020-00	Decal BB Recon	152
1091-9021-00	Decal Bad Boy logo	152
1091-9023-00	Decal lwa 101 db (50x50mm)	154
1091-9025-00	Decal drive lever	154
1091-9026-00	Decal lifting lever float	154
1091-9027-00	Decal BB Bulldog CW right	152
1091-9028-00	Decal BB Bulldog CW left	152
1091-9029-00	Decal Bad Boy VL2515T	152
1091-9119-00	Decal battery terminal ground	154
1091-9120-00	Protecting foil 85mm	154
1099-7001-00	Ball 1/4	24
1099-7101-00	Suction block	108
1203-8001-00	Weldment Skid CII-295	144, 146