



Count on it.

Parts Catalog

TX 1000 Wide Track Compact Tool Carrier

Model No. 22328—Serial No. 401321135 and Up

Model No. 22328HD—Serial No. 401321135 and Up



Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

Contents

Frame, Fuel Tank and Cover Assembly	6
LH Fuel Tank Assembly No. 130-1026	8
RH Fuel Tank Assembly No. 130-1027	10
Hydraulic Tank and Track Shaft Assembly	12
Track, Drive Wheel and Tensioner Assembly	14
Brake Assembly	16
Front Tower Assembly	18
Hydraulic Motor and Hose Assembly	20
Hydraulic Motor Assembly No. 130-7729	22
Radiator and Air Cleaner Assembly	24
Air Cleaner Assembly No. 93-2190	26
Engine Mount and Muffler Assembly	28
Tandem Pump and Gear Pump Assembly	30
Tandem Pump Assembly No. 121-4593	32
Gear Pump Assembly No. 130-7731	34
Control Valve and Reference Bar Assembly	36
Control Valve Assembly No. 125-3704	38
2-Spool Valve and Auxiliary Valve Assembly	40
2-Spool Valve Assembly No. 130-7710	42
Double Detent Valve Assembly No. 136-4538	44
Loader Arm Assembly	46
Hydraulic Cylinder Assembly No. 130-5176	48
Hydraulic Cylinder Assembly No. 130-5175	50
Hydraulic Cylinder Assembly No. 130-5195	52
Loader Hydraulic Assembly	54
Quick Attach Assembly	56
Front Cover and Side Panel Assembly	58
Hood Assembly	60
Manual Tube Assembly	62
Platform and Cushion Assembly	64
Electrical Assembly	66
Crankcase Assembly	68
Oil Pan Assembly	69
Cylinder Head Assembly	70
Gear Case Assembly	71
Cylinder Head Cover Assembly	72
Dipstick and Guide Assembly	73
Main Bearing Case Assembly	74
Camshaft and Idle Gear Shaft Assembly	75
Piston and Crankshaft Assembly	76
Flywheel Assembly	77
Fuel Camshaft and Governor Shaft Assembly	78
Idle Apparatus Assembly	79
Stop Solenoid Assembly	80
Injection Pump Assembly	81
Governor Assembly	82
Speed Control Plate Assembly	83
Nozzle Holder and Glow Plug Assembly	84
Nozzle Holder Assembly	85
Alternator and Pulley Assembly	86
Alternator Components Assembly	87
Starter Installation Assembly	88
Starter Component Assembly	89
Water Flange and Thermostat Assembly	90

Contents (continued)

Water Pump Assembly 91

Valve and Rocker Arm Assembly..... 92

Inlet and Exhaust Manifold Assembly 93

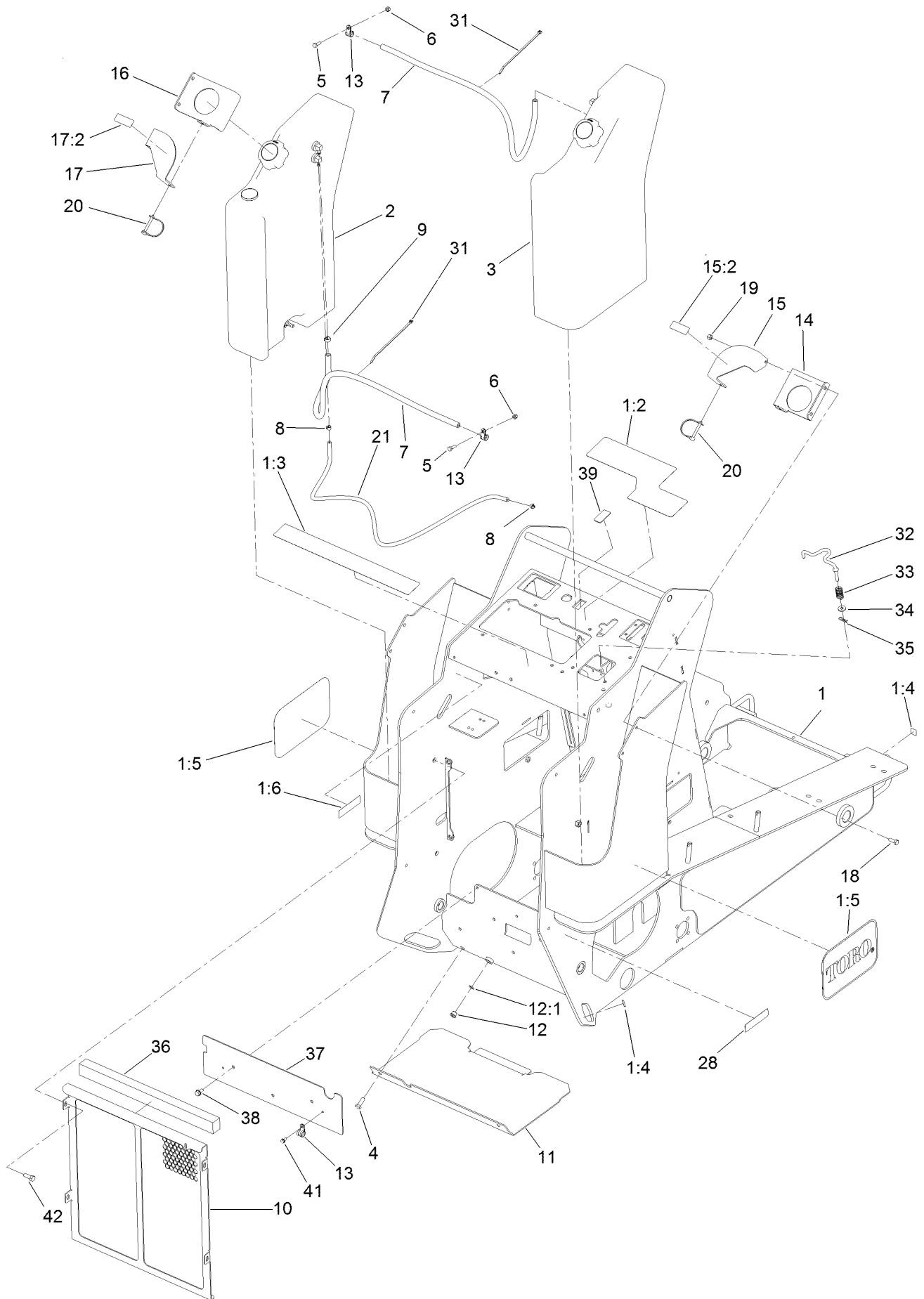
Accessories and Service Parts..... 94

Upper Gasket Kit 95

Lower Gasket Kit 96

Attachments and Accessories 97

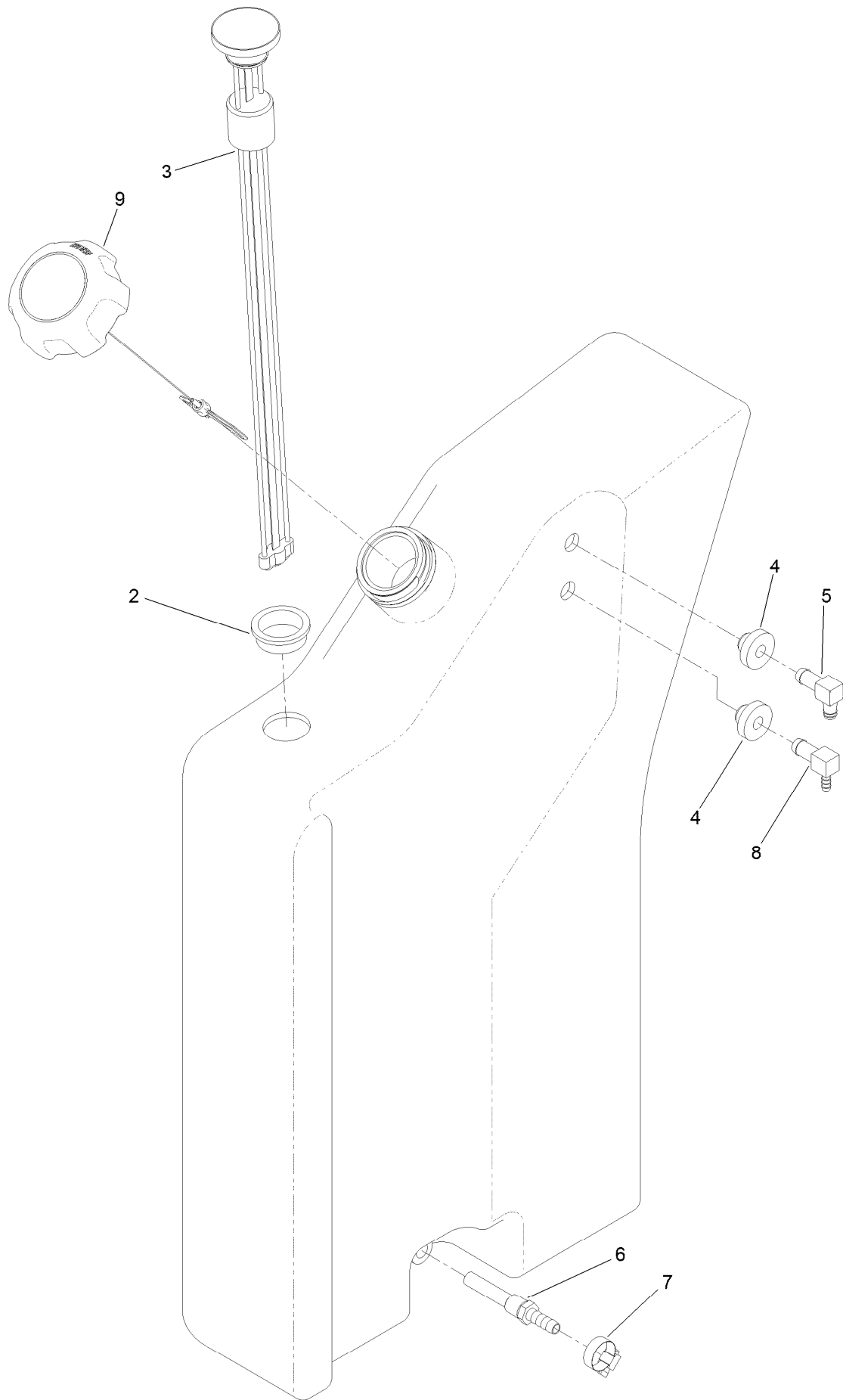
Frame, Fuel Tank and Cover Assembly



Frame, Fuel Tank and Cover Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-5314	1	Frame	15:2	93-6680	1	Decal-Diesel
1:2	131-0707	1	Decal-Control Panel	16	130-1134-03	1	Plate-Hold Down, LH
1:3	131-0710	1	Decal-Safety	17	130-5316	1	Plate-Lock, Fuel Cap, LH
1:4	93-9084	4	Decal-Point, Lift	17:2	93-6680	1	Decal-Diesel
1:5	66-6140	2	Decal	18	322-4	4	Screw-HH
1:6	115-4865	1	Decal-Radiator Fill	19	3296-29	4	Nut-Lock, NI
2	130-1026	1	LH Fuel Tank ASM	20	100-1663	2	Pin-Hitch
3	130-1027	1	RH Fuel Tank ASM	21	130-7714	1	Hose-Fuel
4	323-6	2	Screw-HH	28	117-2718	1	Decal-Arrester, Spark
5	321-5	2	Screw-HH	31	3290-378	2	Tie-Cable
6	3296-42	2	Nut-Lock, NI	32	131-0713	1	Rod-Interlock
7	110-6186	2	Hose-Fuel	33	85-6750	1	Spring-Control
8	2412-80	2	Clamp-Hose	34	88-7200	1	Washer-Flat
9	92-2379	2	Clamp-Hose	35	3290-307	1	Pin-Cotter
10	130-0964-03	1	Radiator Cover ASM	36	131-9175	1	Seal-Foam
11	130-0995-01	1	Cover-Bottom	37	133-1637-01	1	Plate-Cover
12	353-989	1	Plug-Hex, Hollow	38	32144-14	3	Screw-HWHTF
12:1	237-42	1	O-Ring	39	AU382892A1	1	Blank-Switch, Rocker
13	2412-134	4	Clamp-R	41	32144-4	2	Screw-HWH
14	130-1104-03	1	Plate-Hold Down, RH	42	323-5	4	Screw-HH
15	130-5317	1	Plate-Lock, Fuel Cap, RH				

LH Fuel Tank Assembly No. 130-1026

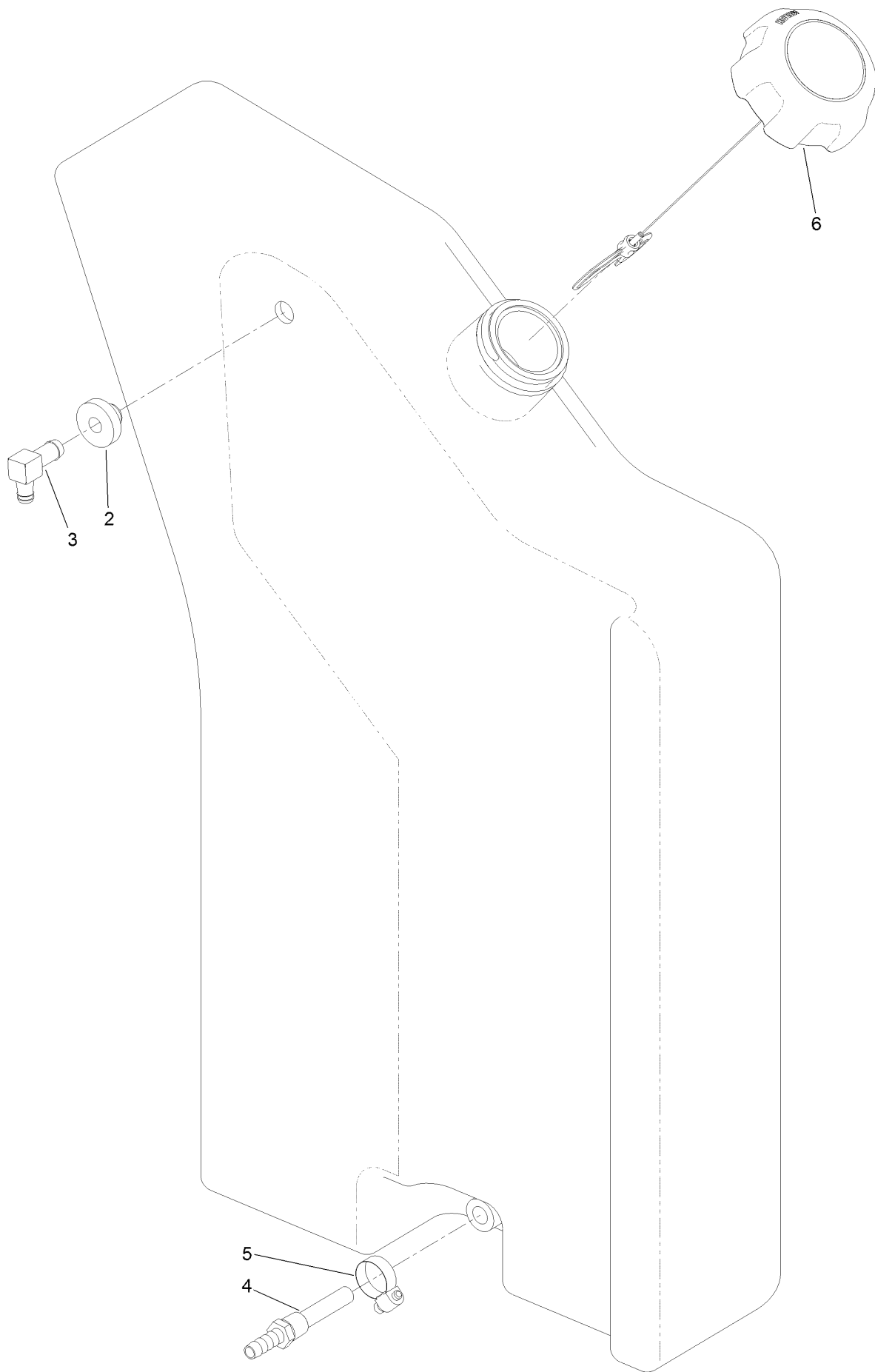


LH Fuel Tank Assembly No. 130-1026 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	95-8972	1	Grommet
3	104-5603	1	Gauge-Level, Fuel
4	46-6560	2	Bushing
5	1-643259	1	Fitting-Elbow

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	112-6374	1	Fitting-Strainer
7	2412-36	1	Clamp-Hose
8	104-5228	1	Fitting-Elbow, 90 DEG
9	130-7567	1	Cap-Diesel,

RH Fuel Tank Assembly No. 130-1027

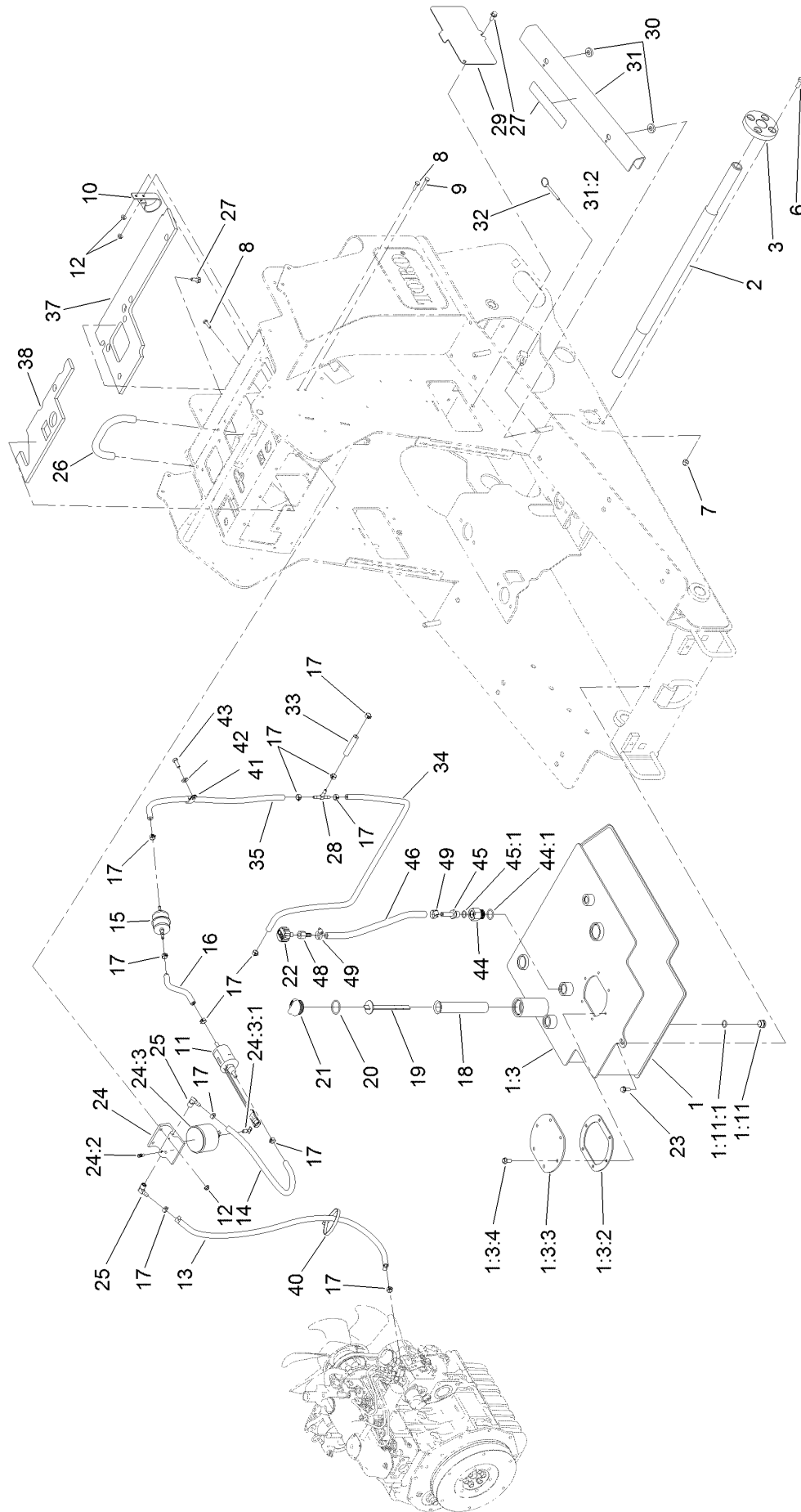


RH Fuel Tank Assembly No. 130-1027 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	46-6560	1	Bushing
3	1-643259	1	Fitting-Elbow
4	112-6374	1	Fitting-Strainer

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	2412-36	1	Clamp-Hose
6	130-7567	1	Cap-Diesel,

Hydraulic Tank and Track Shaft Assembly

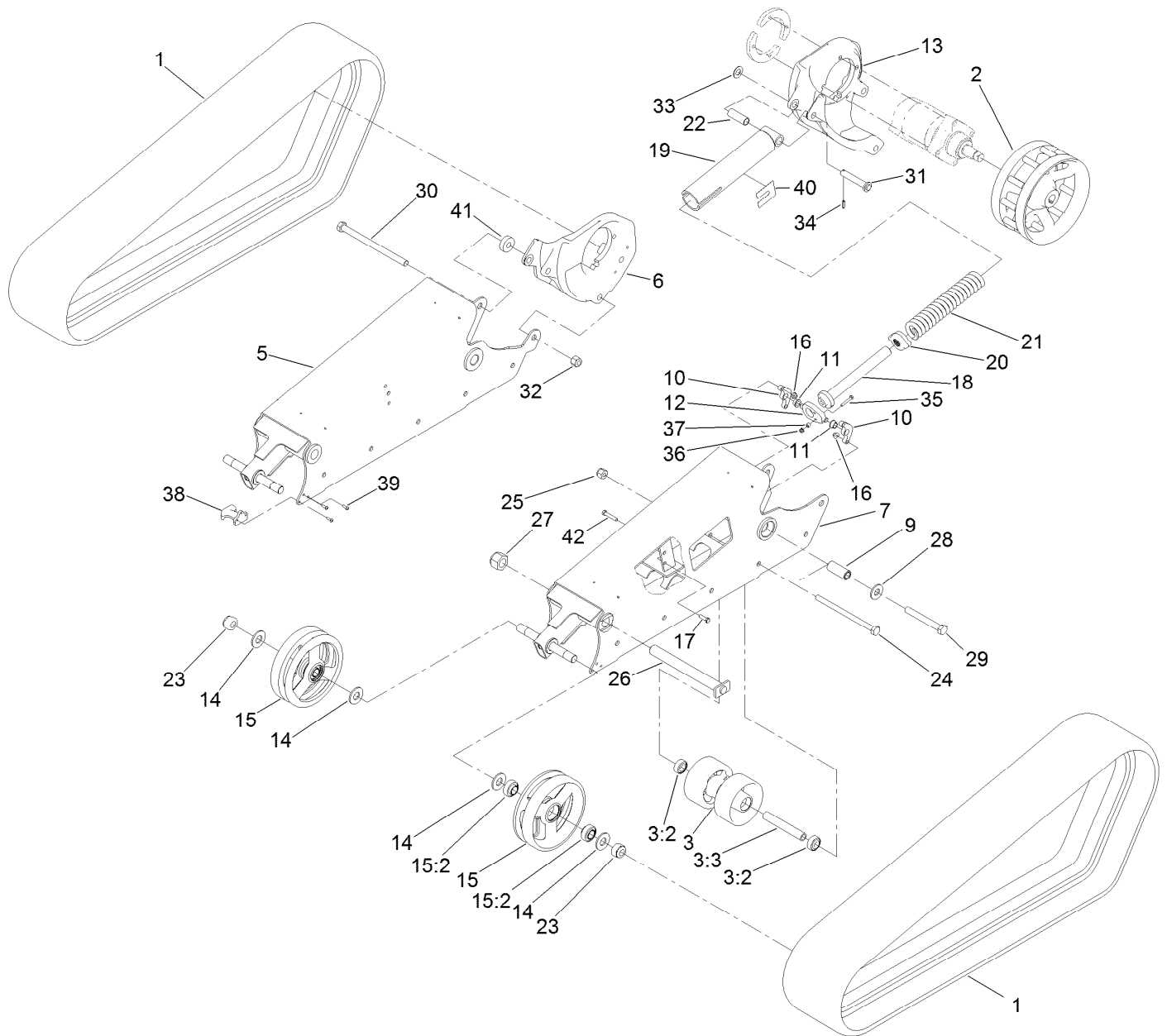


Hydraulic Tank and Track Shaft Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	125-0404	1	Tank-HYD	24:2	63-8290	1	Vent-Air
1:3		1	Tank Top ASM●	24:3	63-8300	1	Element-Spin On
1:3:2	107-3557	1	Gasket-Cover, Access	24:3:1	63-8310	1	Valve-Drain
1:3:3	108-6297	1	Cover-Tank	25	353-781	2	Fitting-Elbow
1:3:4	98-9940	6	Screw	26	112-2620	1	Bar-Reference
1:11	353-988	1	Plug-Hex	27	3234-5	4	Screw-HHF
1:11:1	237-79	1	O-Ring	28	99-5005	1	Fitting-Tee, Barbed
2	125-0425	1	Shaft-Track	29	130-1036-01	2	Plate-Cover, Access
3	125-0339	2	Hub-Shaft	30	83-1470	4	Washer-Neoprene
6	323-6	8	Screw-HH	31	130-5315	2	Arm-Locking
7	3296-39	8	Nut-Lock, NI	31:2	115-4858	1	Decal-Danger
8	321-5	3	Screw-HH	32	108-0094	4	Pin-Cotterless
9	321-9	1	Screw-HH	33	133-0223	1	Hose-Fuel
10	110-8817	1	Bracket-Pump, Fuel	34	133-8551	1	Hose-Fuel
11	110-8806	1	Pump-Fuel	35	133-1636	1	Hose-Fuel
12	32128-33	4	Nut-HF	37	132-8416	1	Foam-Heat Shield
13	110-6186	1	Hose-Fuel	38	132-8417	1	Foam-Heat Shield
14	114-4028	1	Hose-Fuel	40	3334-945	1	Tie-Cable
15	112-7836	1	Filter-Inline	41	92-6064	1	Clamp-R
16	110-3256	1	Hose-Fuel	42	3256-38	1	Washer-Flat
17	92-2379	12	Clamp-Hose	43	322-4	1	Screw-HH
18	61-2790	1	Filter-Screen	44	96-0864	1	Fitting-Straight
19	130-7686	1	Dipstick	44:1	237-81	1	O-Ring
20	237-123	1	O-Ring	45	115-2231	1	Fitting-Straight
21	93-7498	1	Plug-Plastic	45:1	237-79	1	O-Ring
22	68-6150	1	Breather	46	94-5625	1	Hose
23	32144-11	1	Screw-HWHTF	48	354-94	1	Fitting-Female, Barbed
24	109-2678	1	Filter Head ASM	49	2412-36	2	Clamp-Hose

● Not serviced separately

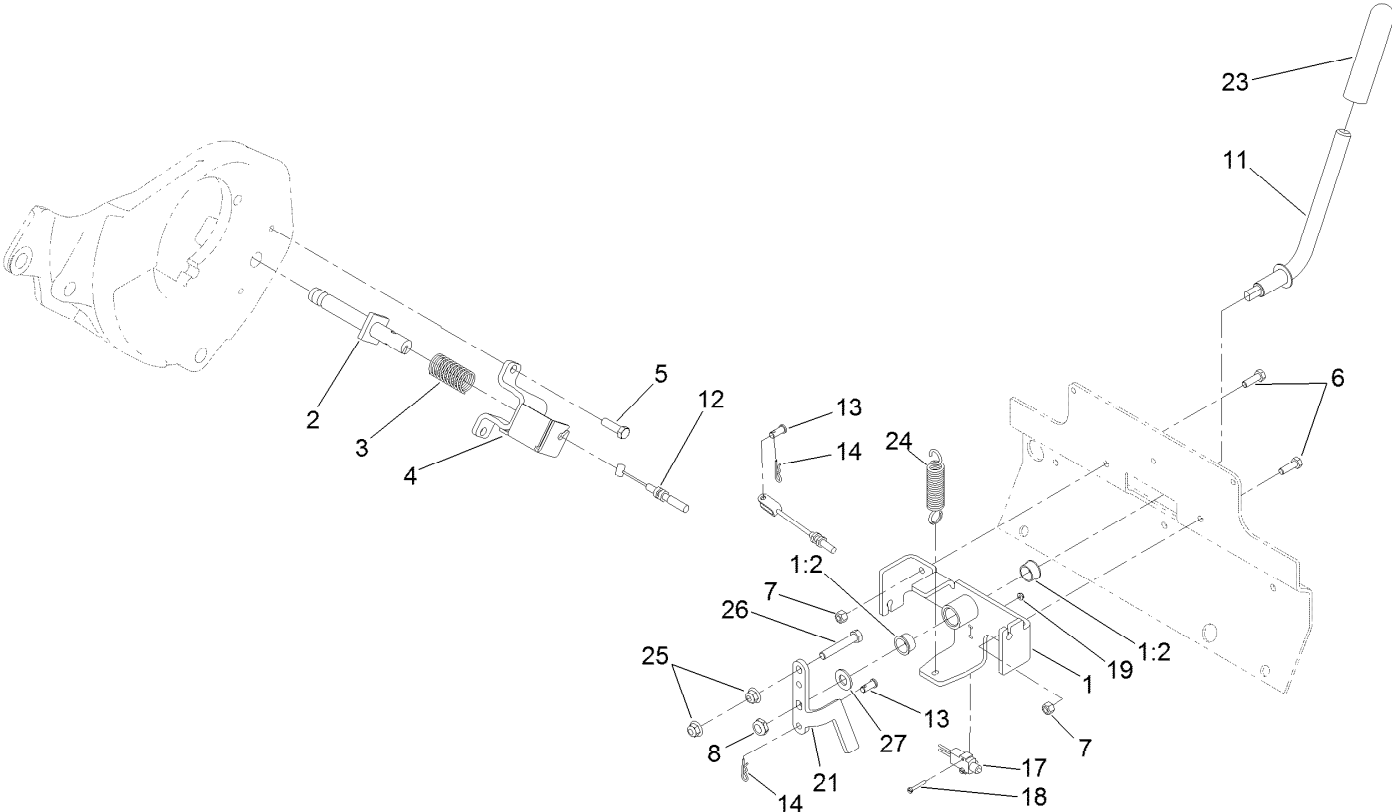
Track, Drive Wheel and Tensioner Assembly



Track, Drive Wheel and Tensioner Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	121-4591	2	Track-Wide	22	127-9565	2	Spacer-Pivot
2	130-2793-03	2	Wheel-Drive	23	104-2024	4	Nut-Hex, NI
3	133-8589	10	Wheel ASM	24	133-8579	10	Screw-HH
3:2	120-5378	2	Bearing-Ball	25	3296-24	10	Nut-Hex
3:3	133-8588	1	Spacer-Wheel, Road	26	133-8577	2	Pin-Track
5	133-8592-01	1	RH Track Guide ASM	27	125-0399	2	Nut-HH
6	127-9596-03	1	Mount-Motor, RH	28	99-2659	2	Washer
7	132-8609-01	1	LH Track Guide ASM	29	AU426-1296	2	Screw-HH
9	130-1069	2	Spacer	30	133-8580	2	Screw-HH
10	127-9566-03	4	Plate-Mount, Pivot	31	130-1057	2	Pin-Tensioner
11	65-8770	4	Bushing-Bellcrank	32	3296-51	2	Nut-Lock, NI
12	132-8620	2	Plate-Pivot	33	3256-39	2	Washer-Flat
13	127-9595-03	1	Mount-Motor, LH	34	32121-24	2	Pin-Spring
14	115-0722	8	Washer-Plain	35	321-10	2	Screw-HH
15	133-8626	4	Tensioner-Wheel	36	32128-32	2	Nut-HHF
15:2	104-6129	2	Bearing-Ball	37	98-4799	2	Spacer
16	104-8301	8	Nut-HF, NI	38	133-8581	4	Track-Guide
17	323-7	4	Screw-HH	39	3274-69	12	Screw-HSBH
18	127-9563	2	Bolt-Tensioner	40	136-5750	2	Decal-Indicator, Tensioner
19	127-9559-03	2	Pivot-Tensioner	41	133-8574	2	Spacer-Wheel, Mount
20	108-4664	2	Block-Tensioner	42	3211-9	4	Screw-HH
21	95-3624	2	Spring-Compression				

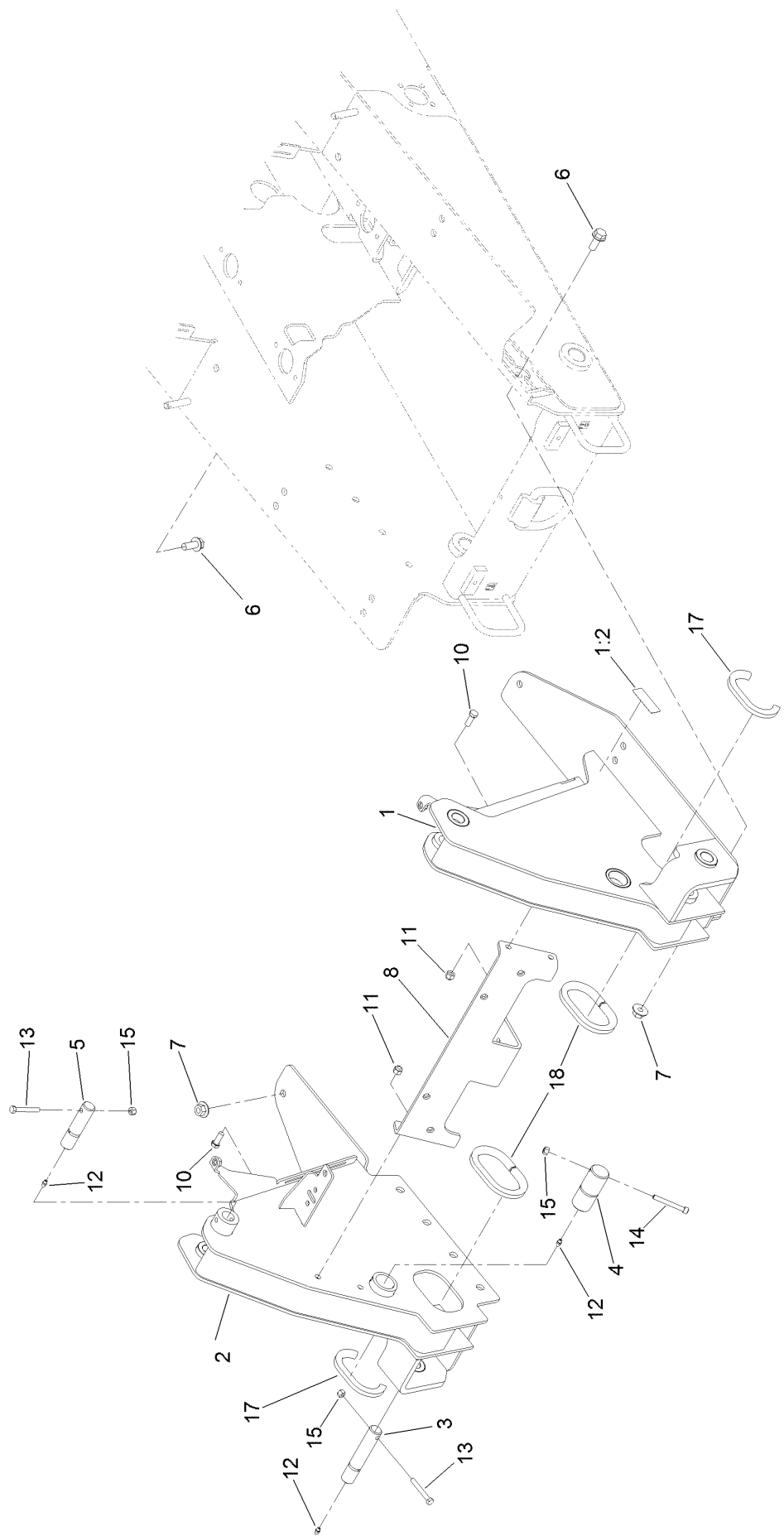
Brake Assembly



Brake Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-9649	1	Brake Bracket ASM	13	283-62	2	Pin-Clevis
1:2	256-252	2	Bearing-Flange	14	3290-307	2	Pin-Cotter
2	130-5256	2	Shaft ASM	17	95-8900	1	Switch
3	125-0344	2	Spring-Compression	18	32105-9	2	Screw
4	130-5284-03	2	Bracket-Brake	19	3296-9	2	Nut-Hex
5	323-7	4	Screw-HH	21	133-0234-03	1	Plate-Linkage, Brake
6	322-5	2	Screw-HH	23	110-1037	1	Grip-Handle
7	3296-29	2	Nut-Lock, NI	24	93-5985	1	Spring-Extension
8	3296-33	1	Nut-Lock, NI	25	104-8301	2	Nut-HF, NI
11	133-0232	1	Lever-Brake	26	104-3396	1	Screw-HH
12	130-7737	2	Cable-Brake	27	3256-27	1	Washer-Flat

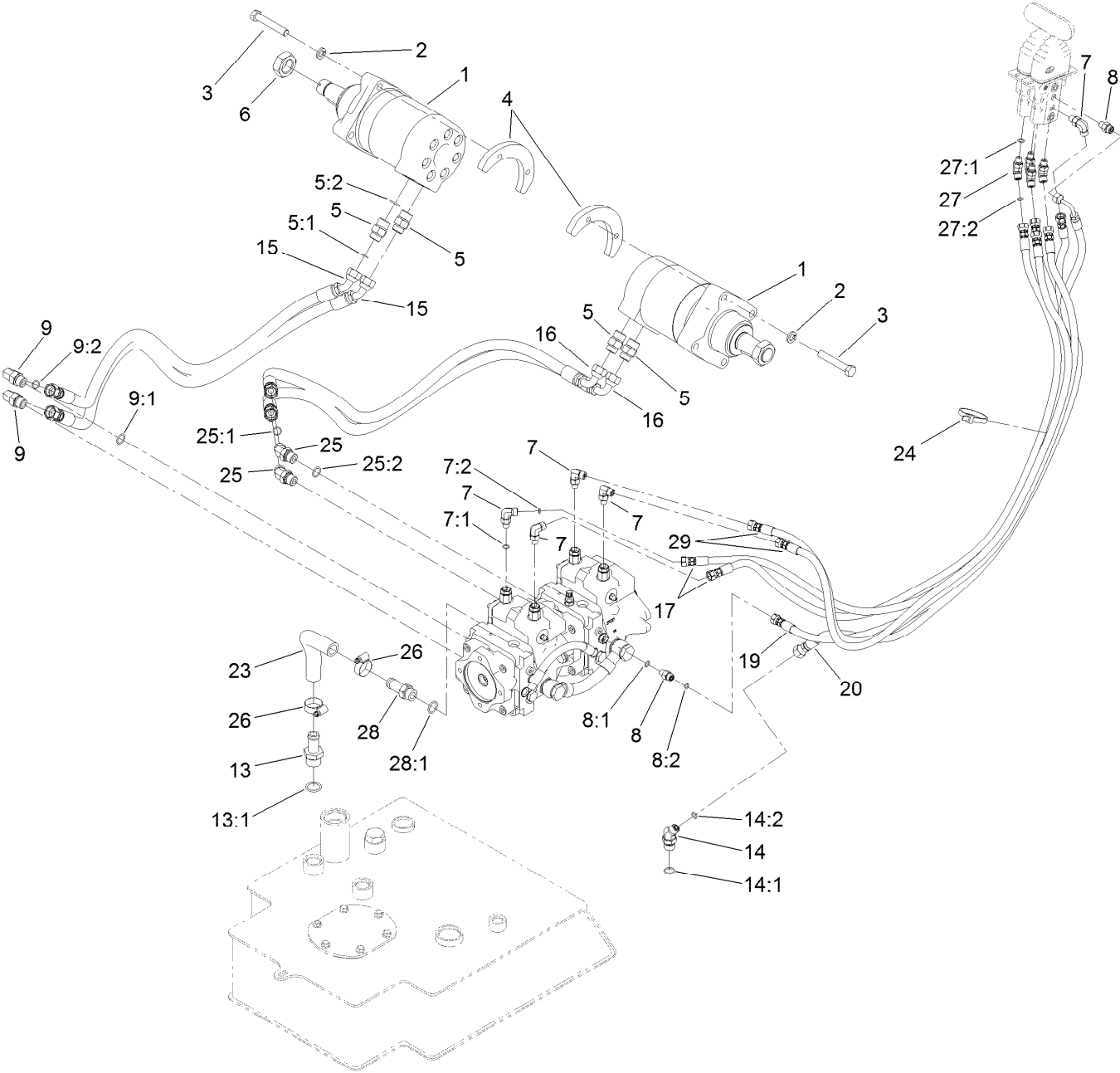
Front Tower Assembly



Front Tower Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-5323	1	Tower-Front, LH	10	AU426-616	4	Screw-HH
1:2	115-2047	1	Decal-Surface, Hot	11	3296-39	4	Nut-Lock, NI
2	130-5177-01	1	Tower, RH	12	302-5	6	Fitting-Grease
3	131-9201	2	Pin-HYD	13	322-11	4	Screw-HH
4	125-3748	2	Pin-Arm	14	3274-40	2	Screw-HSH
5	125-3695	2	Pin-Link	15	3296-29	6	Nut-Lock, NI
6	3234-38	18	Screw-HHF	17	133-8571	2	Trim-Seal
7	32128-52	18	Nut-Lock, Flange	18	133-8572	2	Trim-Seal
8	125-3667-03	1	Plate-Cross, Tower				

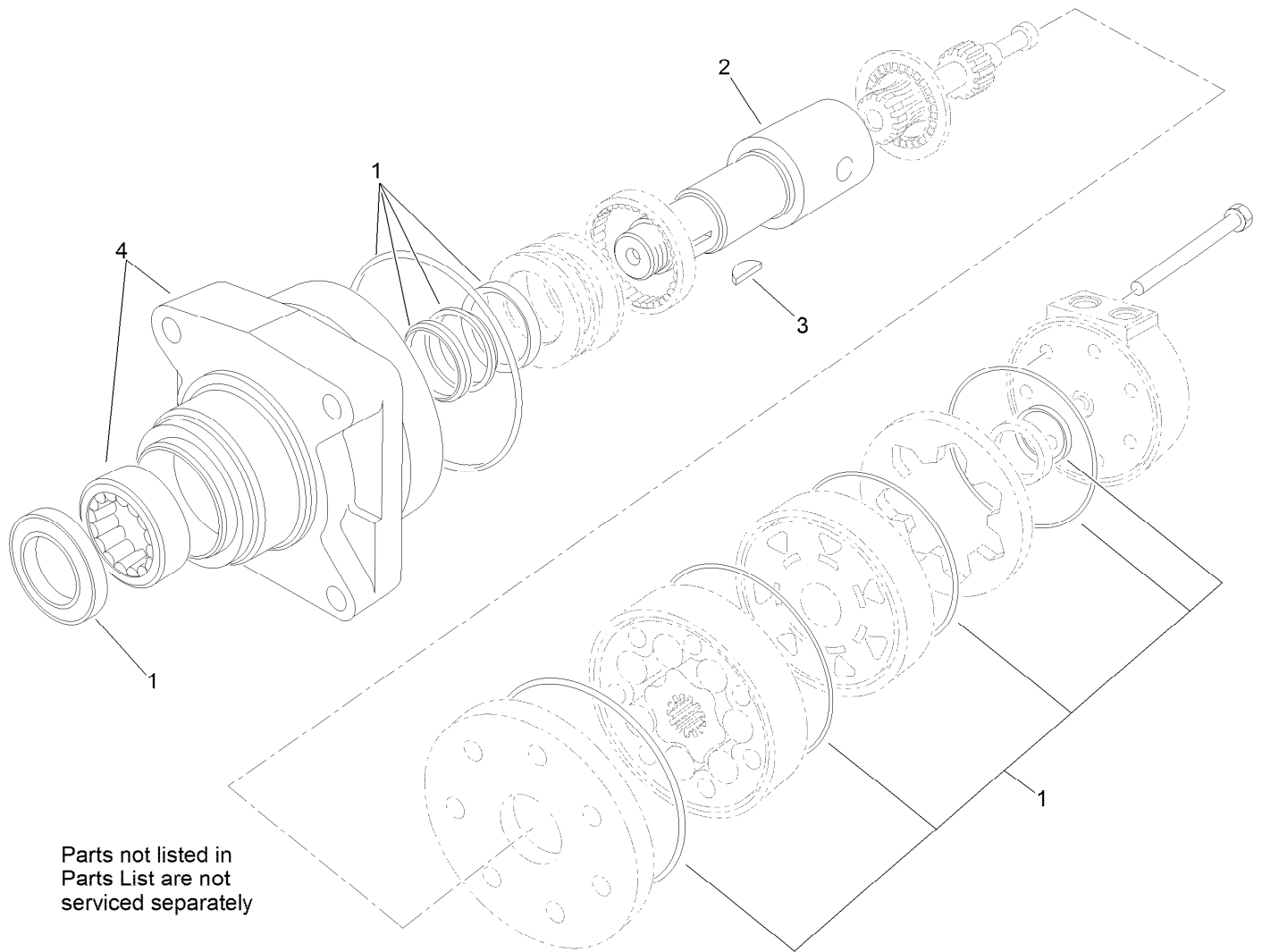
Hydraulic Motor and Hose Assembly



Hydraulic Motor and Hose Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-7729	2	Motor-HYD	14:1	237-79	1	O-Ring
2	3253-7	8	Washer-Lock	14:2	237-22	1	O-Ring
3	115-4845	8	Screw-HH, TAP	15	133-0226	2	Hose-HYD
4	127-9567-03	4	Plate-Mounting	16	130-7734	2	Hose-HYD
5	340-6	4	Fitting-Straight	17	127-9622	2	Hose-HYD
5:1	237-30	1	O-Ring	19	127-9624	1	Hose-HYD
5:2	237-80	1	O-Ring	20	127-9625	1	Hose-Return
6	107-9319	2	Nut-Hex	23	133-0231	1	Hose-Return
7	340-132	5	Fitting-90 DEG	24	3334-945	1	Tie-Cable
7:1	237-78	1	O-Ring	25	340-101	2	Fitting-HYD, 45 DEG
7:2	237-21	1	O-Ring	25:1	237-30	1	O-Ring
8	340-92	2	Fitting-Straight	25:2	237-79	1	O-Ring
8:1	237-78	1	O-Ring	26	2412-129	2	Clamp-Hose
8:2	237-21	1	O-Ring	27	340-103	4	Fitting-HYD, 45 DEG
9	340-98	2	Fitting-Elbow-90 DEG	27:1	237-78	1	O-Ring
9:1	237-79	1	O-Ring	27:2	237-21	1	O-Ring
9:2	237-30	1	O-Ring	28	354-136	1	Fitting-Str
13	354-73	1	Fitting-Straight	28:1	237-80	1	O-Ring
13:1	237-81	1	O-Ring	29	127-9623	2	Hose-HYD
14	340-138	1	Fitting-HYD, 45 DEG				

Hydraulic Motor Assembly No. 130-7729



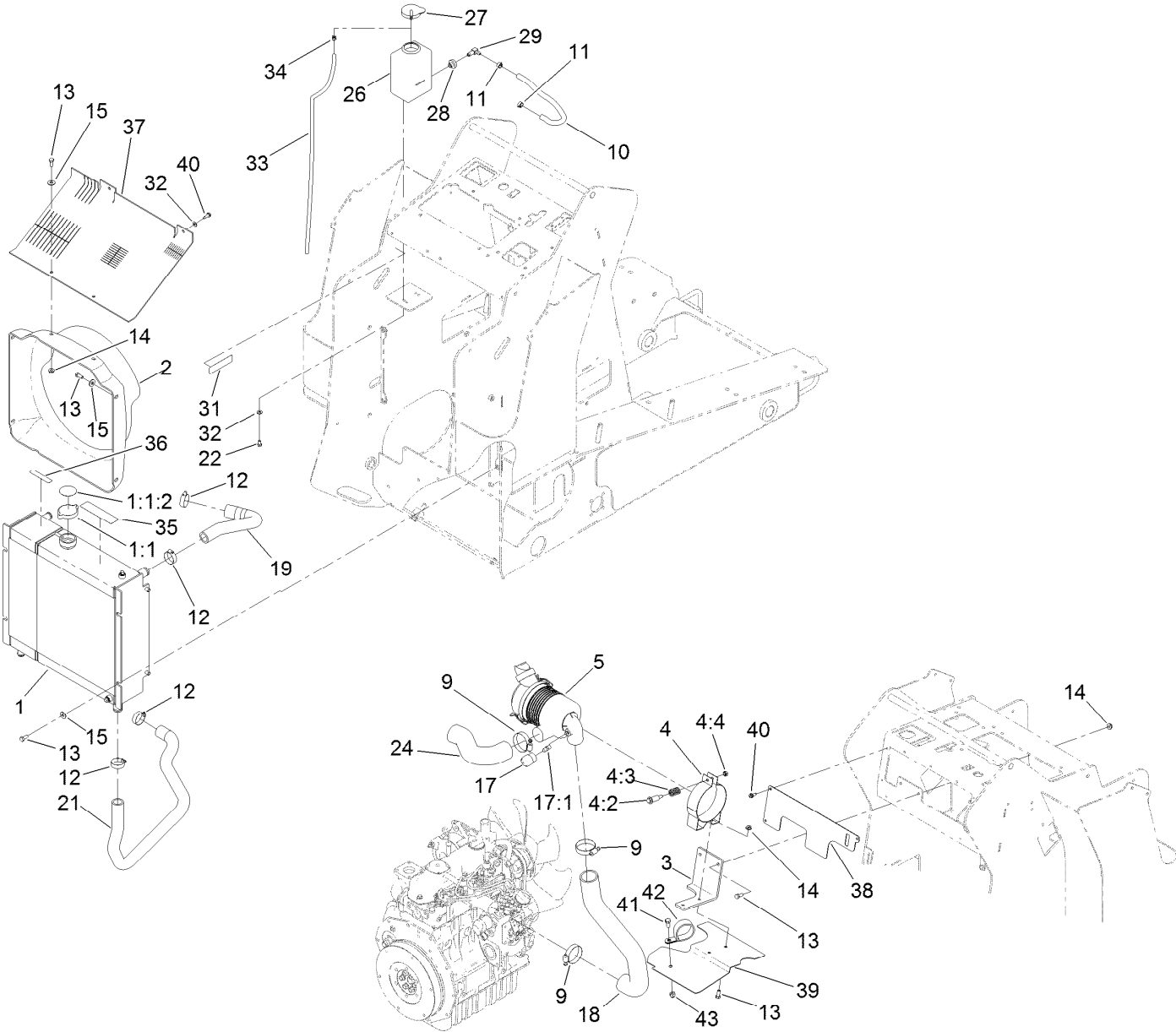
Parts not listed in
Parts List are not
serviced separately

Hydraulic Motor Assembly No. 130-7729 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	100-6131	1	Seal Kit
2	106-7645	1	Coupling-Shaft

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	3257-42	1	Key-Woodruff
4	108-5634	1	Motor Housing ASM

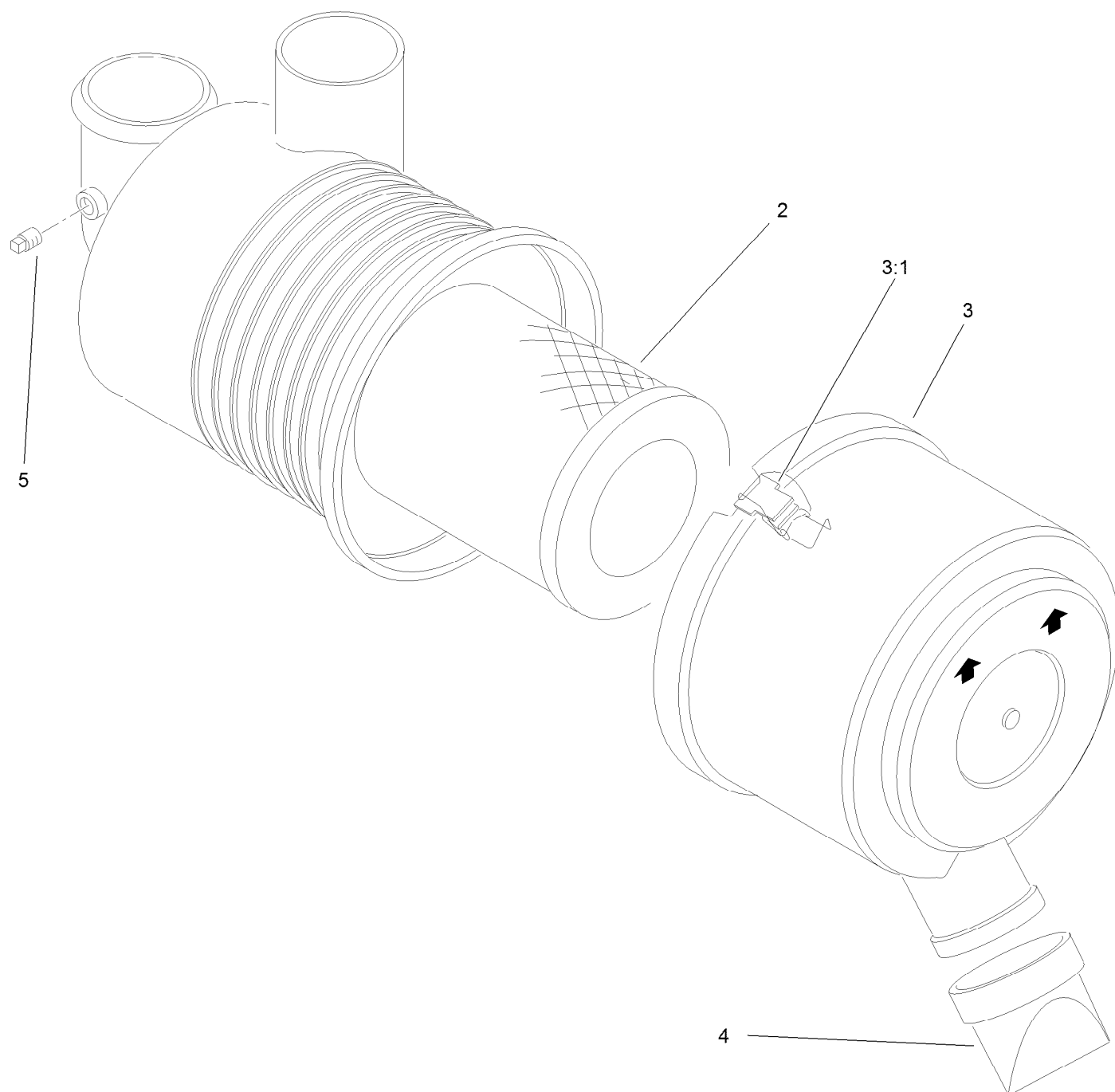
Radiator and Air Cleaner Assembly



Radiator and Air Cleaner Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-8001	1	Cooling ASM	19	136-4552	1	Hose-Radiator
1:1	119-1430	1	Radiator Cap ASM	21	131-9153	1	Hose-Radiator, Lower
1:1:2	117-3276	1	Decal-Danger	22	321-2	2	Screw-HH
2	131-9256	1	Shroud-Fan	24	130-0952	1	Hose-Air, Inlet
3	125-0377-03	1	Bracket	26	1-643163	1	Tank-Overflow
4	93-2191	1	Air Cleaner Mounting Band	27	1-643164	1	Cap-Tank, Overflow
			ASM	28	46-6560	1	Bushing
4:2	94-3653	1	Bolt	29	46-6550	1	Fitting-Elbow-90
4:3	94-3654	1	Spring	31	115-4865	1	Decal-Radiator Fill
4:4	48-9510	1	Nut	32	3256-22	5	Washer-Flat
5	93-2190	1	Air Cleaner ASM	33	108-6344	1	Hose-LP
9	2412-92	3	Clamp-Hose	34	2412-80	1	Clamp-Hose
10	112-2386	1	Hose-Fuel	35	93-7814	1	Decal-Danger
11	92-2379	2	Clamp-Hose	36	93-6681	1	Decal-Warning, Fan
12	2412-34	4	Clamp-Hose	37	131-9214	1	Guard-Air
13	322-3	14	Screw-HH	38	131-9215	1	Cover-Air
14	32128-20	6	Nut-HF	39	131-8013	1	Baffle-Heat
15	3256-3	10	Washer-Flat	40	32144-44	6	Screw-HWH, Thread Roll
17	104-3563	1	Indicator	41	323-4	1	Screw-HH
17:1	94-1416	1	Adapter-Indicator	42	2412-107	1	Clamp-R
18	131-9173	1	Hose-Intake, Engine	43	3296-39	1	Nut-Lock, NI

Air Cleaner Assembly No. 93-2190

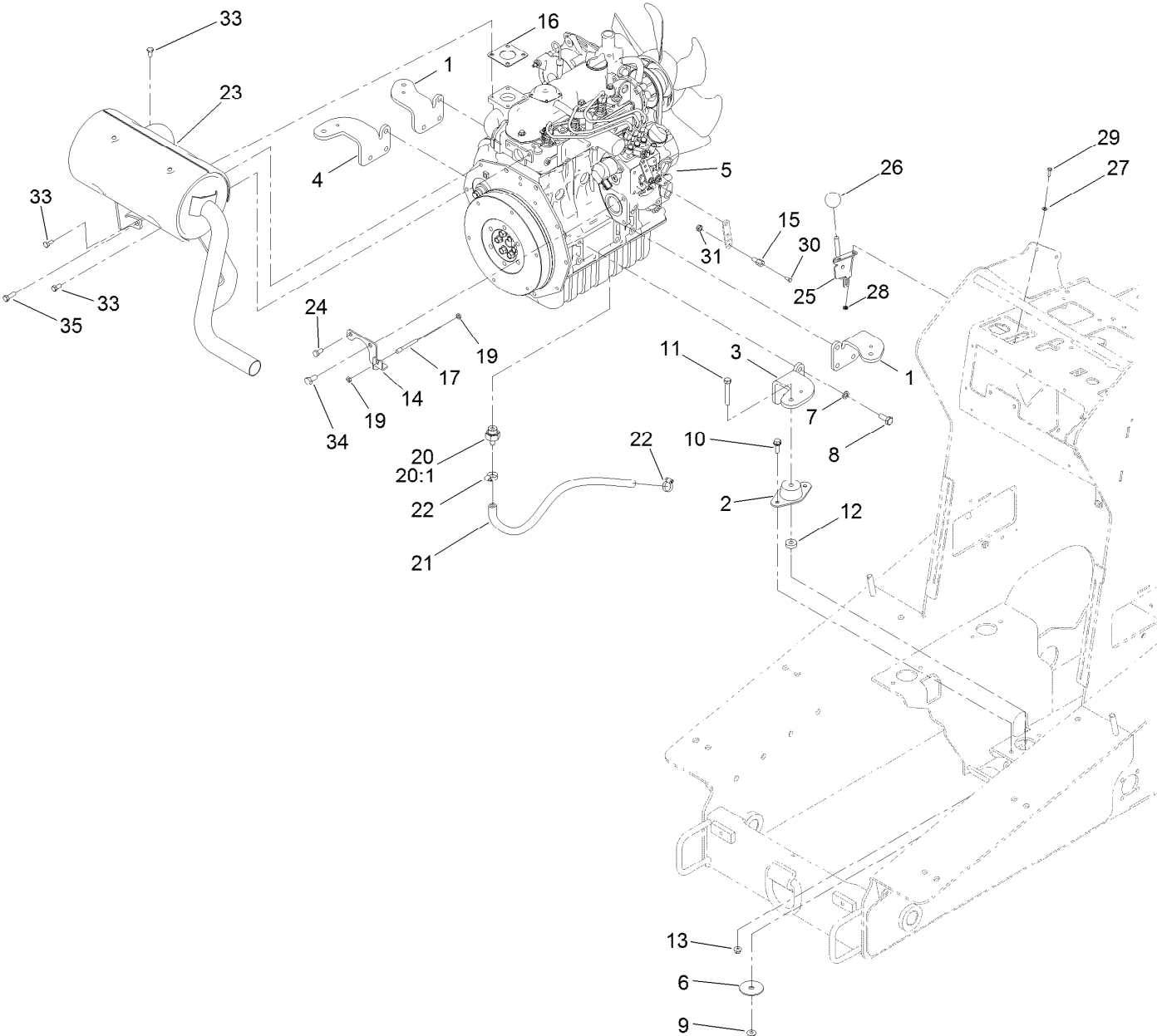


Air Cleaner Assembly No. 93-2190 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	108-3811	1	Filter-Air
3	94-3652	1	Cover ASM
3:1	1-643283	2	Latch-Cleaner, Air

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe

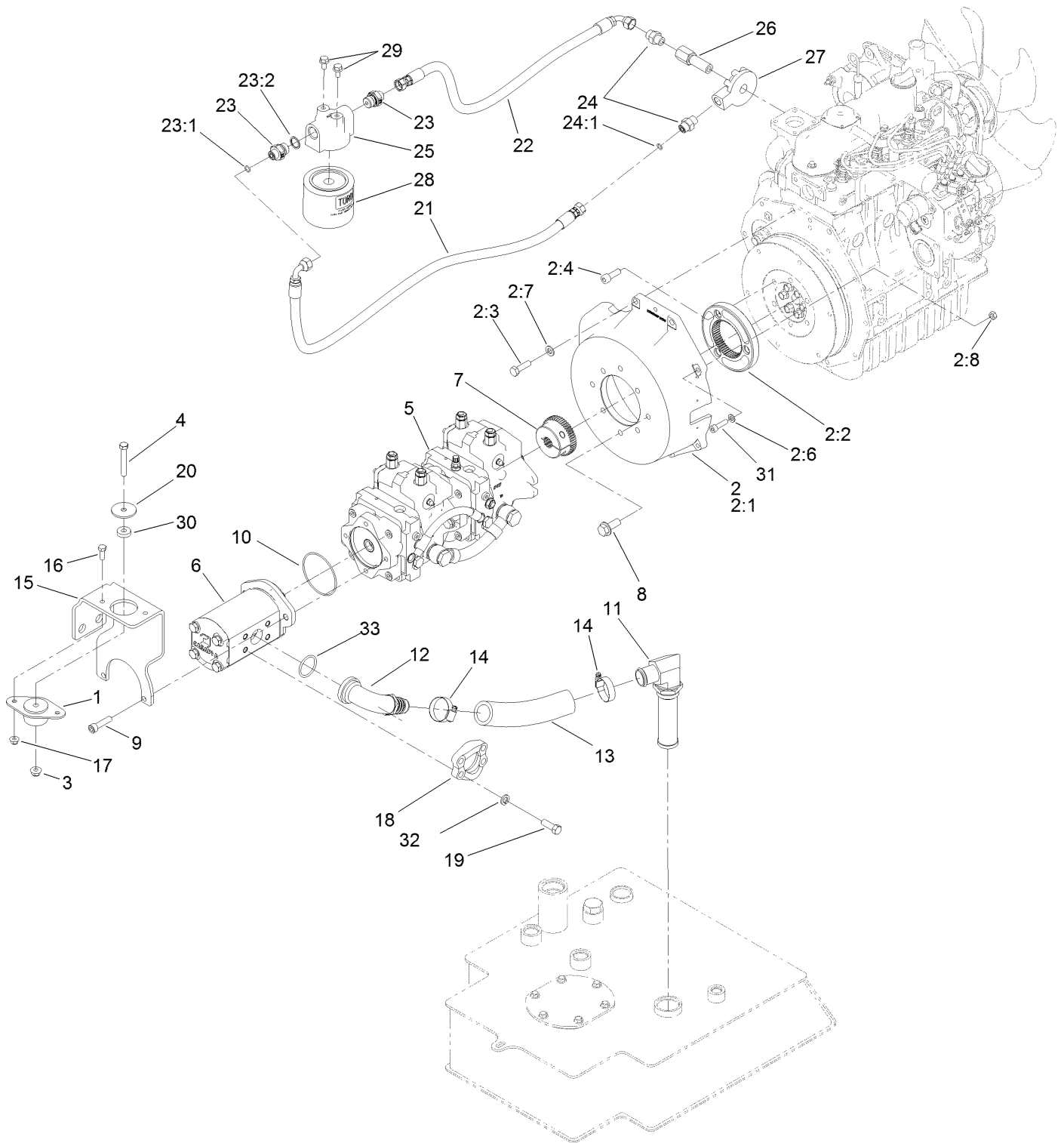
Engine Mount and Muffler Assembly



Engine Mount and Muffler Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	115-8066-03	2	Mount-Engine	19	3220-1	2	Nut-Jam
2	121-9076	4	Mount-Engine	20	114-8587	1	Fitting-Hose
3	115-8068-03	1	Mount-Engine LH	20:1	98-9399	1	Gasket
4	115-8063-03	1	Mount-Engine, RH	21	92-7424	1	Hose-Overflow, Radiator
5	130-7727	1	Engine ASM	22	2412-36	2	Clamp-Hose
6	87-5100	4	Washer-Snubbing	23	130-7732	1	Muffler-Diesel
7	48-9590	12	Washer-Lock	24	33114-016	1	Screw-HH
8	43-0090	12	Screw-HH	25	108-9730	1	Lever-Control
9	104-8301	4	Nut-HF, NI	26	233-42	1	Knob
10	3234-29	8	Screw-HHF	27	3256-51	2	Washer-Flat
11	323-12	4	Screw-HH	28	32149-7	2	Nut-Keps
12	62-6660	4	Spacer	29	3290-134	2	Screw
13	104-8300	8	Nut-HF, NI	30	25-8640	1	Screw-HH
14	130-1148-03	1	Bracket-Throttle	31	3296-20	1	Nut-Lock, NI
15	98-9311	1	Swivel-Throttle	33	33104-020	6	Screw-HHF
16	99-8343	1	Gasket-Muffler	34	63-7790	1	Screw-Cap
17	130-7743	1	Cable-Throttle	35	99-5131	1	Bolt

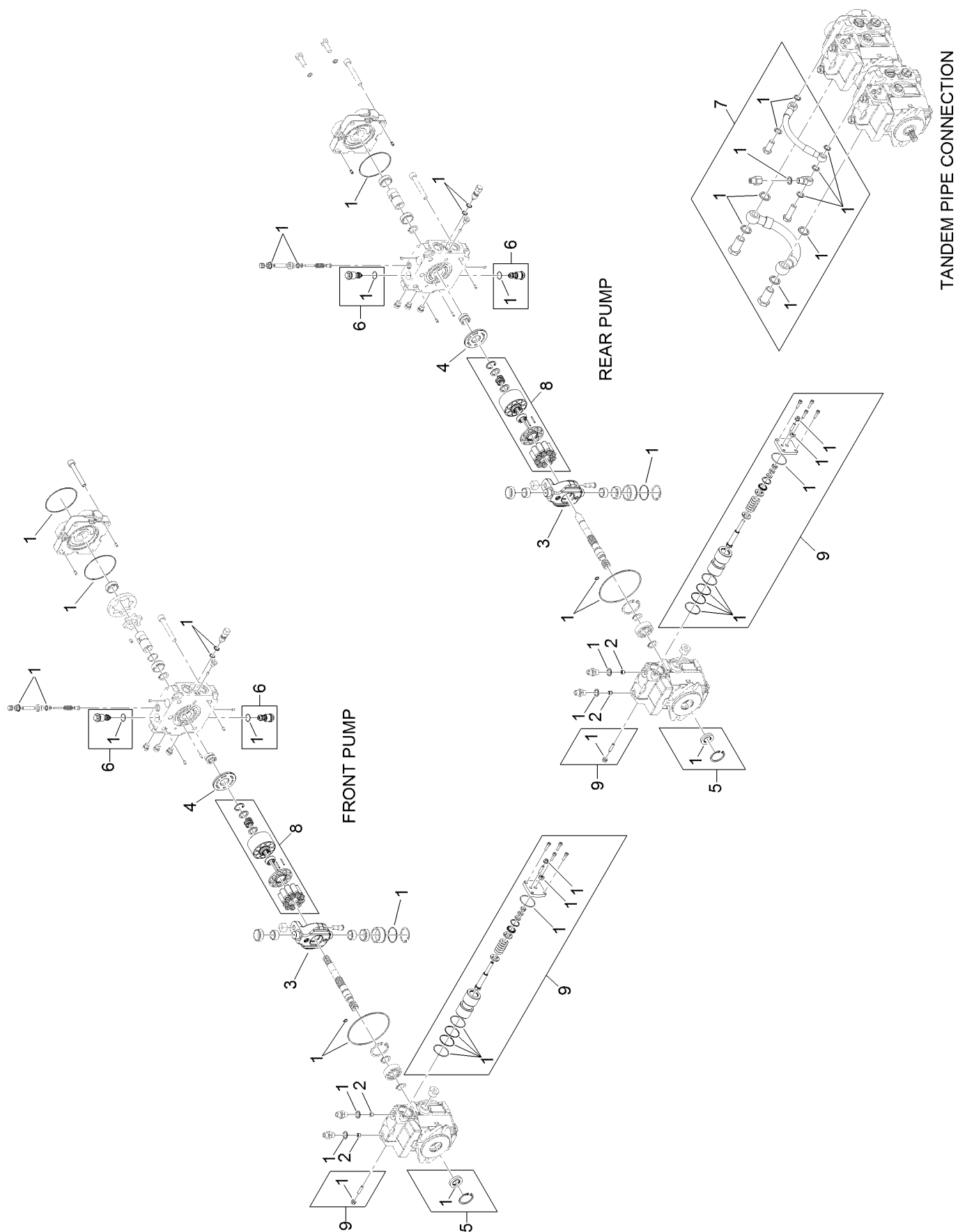
Tandem Pump and Gear Pump Assembly



Tandem Pump and Gear Pump Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	121-9076	1	Mount-Engine	16	322-4	2	Screw-HH
2	130-7728	1	Mount-Pump	17	104-8300	2	Nut-HF, NI
2:1	130-7724	1	Housing-Pump Mount	18	136-5794	2	Flange
2:2	125-1179	1	Flange-Coupler	19	324-5	4	Screw-HH
2:3	56-2140	2	Screw-HH	20	63-7400	1	Washer-Rebound
2:4	108-1420	3	Screw-HSH	21	130-7717	1	Hose-HYD
2:6	115-7370	4	Washer-Plain	22	130-7719	1	Hose-HYD
2:7	33095-00	2	Washer-Flat	23	130-7715	2	Fitting-HYD
2:8	33014-00	1	Nut-Hex	23:1	237-22	1	O-Ring
3	104-8301	1	Nut-HF, NI	23:2	106-7640	1	O-Ring
4	323-12	1	Screw-HH	24	130-7716	2	Fitting-HYD
5	121-4593	1	Pump-Tandem	24:1	237-22	1	O-Ring
6	130-7731	1	Pump-Gear	25	130-7588	1	Base-Filter
7	130-7725	1	Hub-Pump	26	130-7587	1	Pipe-Joint
8	3234-38	2	Screw-HHF	27	130-7586	1	Base-Filter
9	09718	2	Screw-Sh	28	104-5169	1	Filter-Oil
10	237-161	1	O-Ring	29	33104-020	2	Screw-HHF
11	130-7582	1	Strainer-Suction	30	62-6660	1	Spacer
12	112-7374	1	Fitting	31	131-0197	4	Screw-HSH
13	130-7561	1	Hose-Suction	32	3253-6	4	Washer-Lock
14	2412-111	2	Clamp	33	115-5420	1	O-Ring
15	125-3736-03	1	Plate-Support, Pump				

Tandem Pump Assembly No. 121-4593

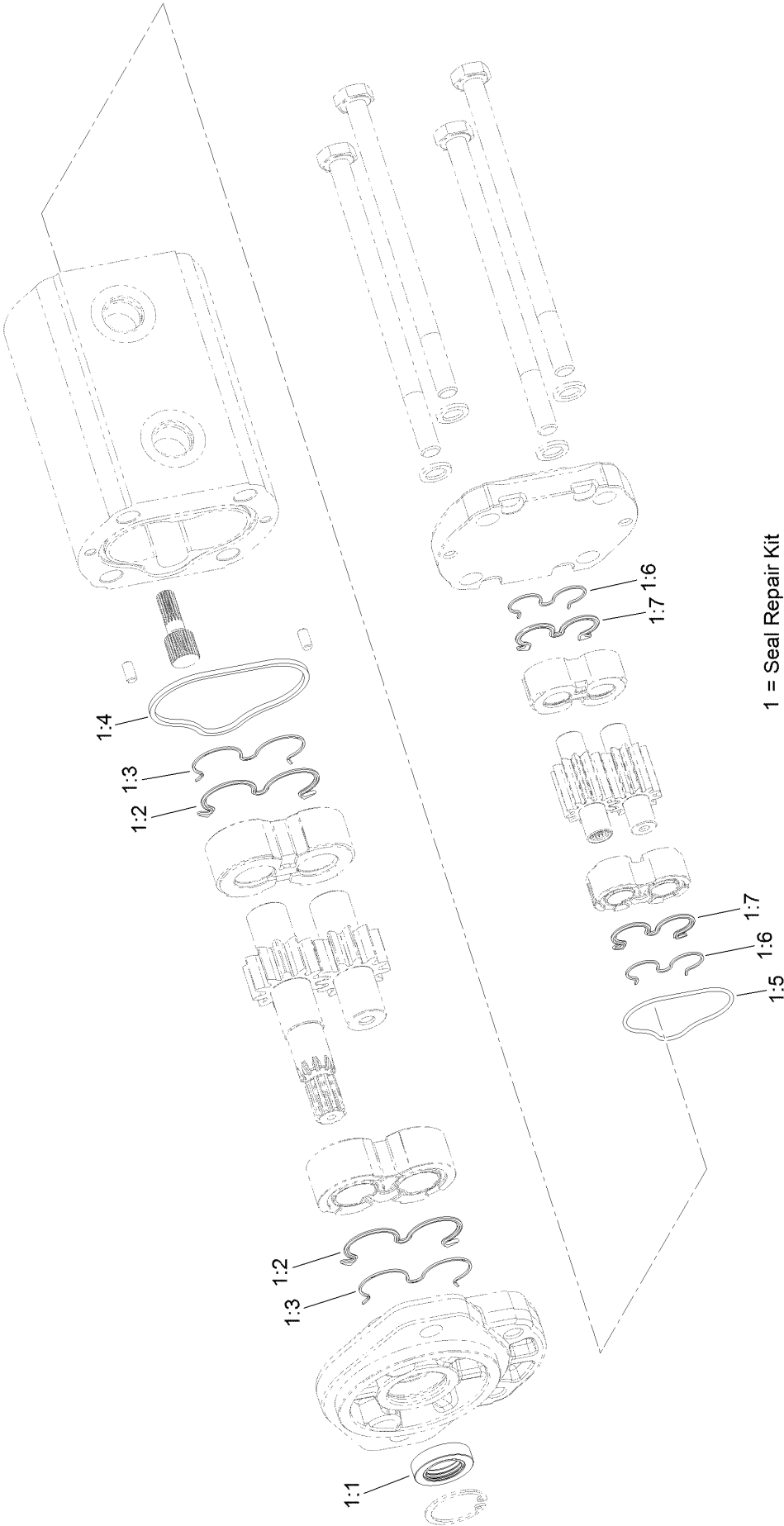


Tandem Pump Assembly No. 121-4593 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-6041	2	Seal Kit
2	132-6042	4	Spacer-Jet
3	132-6043	2	Plate-Swash
4	132-6044	1	Plate-Valve
5	132-6045	1	Shaft Seal Kit

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	132-6046	4	High Pressure Relief Valve Kit
7	132-6047	1	Tandem Connection Pipe Kit
8	132-6048	2	Rotating Group Kit
9	132-6049	2	HYD Servo Control Kit

Gear Pump Assembly No. 130-7731



1 = Seal Repair Kit

Gear Pump Assembly No. 130-7731 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-6028	1	Seal Kit	1:4		1	Seal-Square ●
1:1		1	Seal-Shaft ●	1:5		1	O-Ring ●
1:2		2	Seal-Gear ●	1:6		2	Ring-Backup ●
1:3		2	Ring-Backup ●	1:7		2	Seal-Gear, Rear ●

● Not serviced separately

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor, into a larger housing. The parts are numbered as follows:

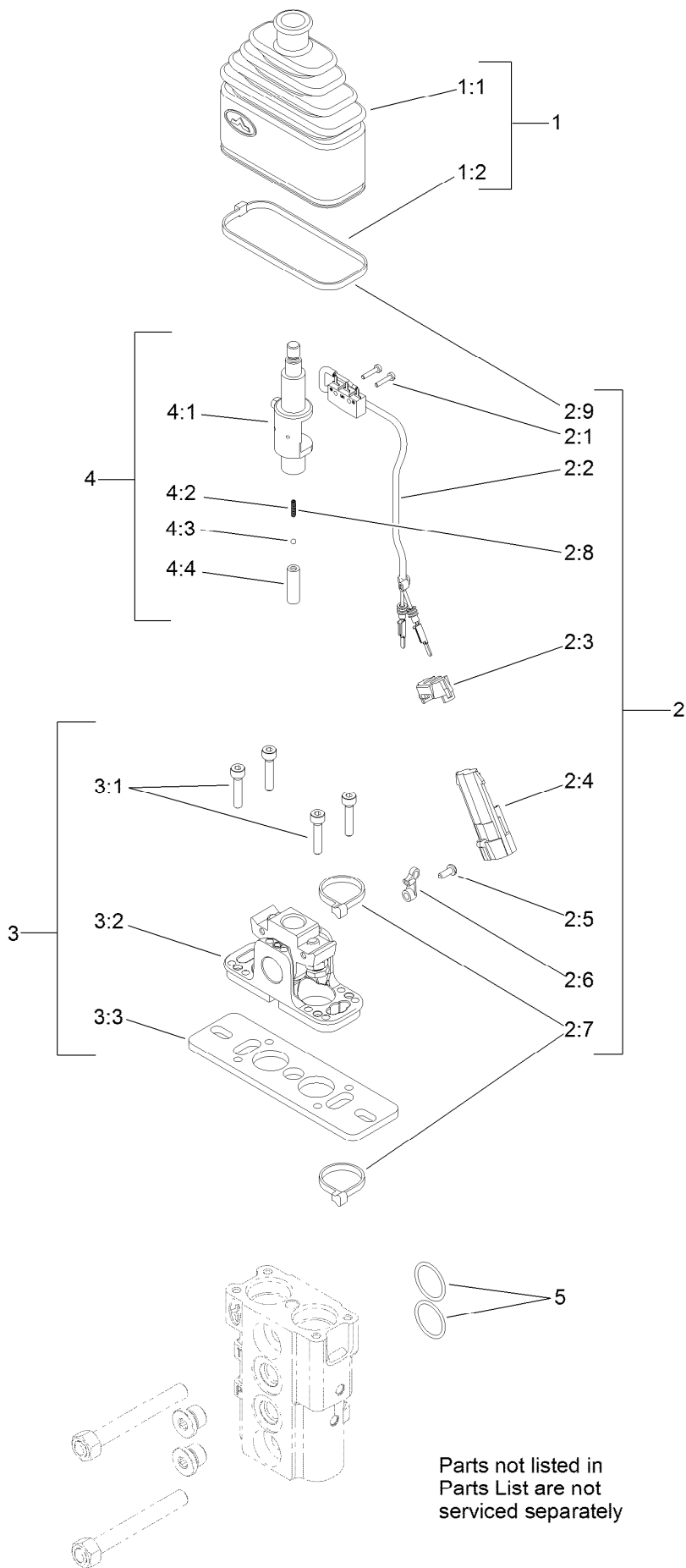
- 1**: Main mounting plate or base plate.
- 2**: Motor or pump unit.
- 3**: Curved protective cover or handle.
- 4**: Small pin or screw.
- 5**: Small pin or screw.
- 6**: Small cylindrical component.
- 7**: Small cylindrical component.
- 8**: Small pin or screw.
- 10**: Small pin or screw.
- 11**: Small cylindrical component.
- 12**: Small pin or screw.
- 13**: Small rectangular plate or gasket.
- 14**: Small rectangular plate or gasket.
- 15**: Small pin or screw.
- 16**: Small rectangular plate or gasket.
- 17**: Small rectangular plate or gasket.
- 18**: Small pin or screw.

The diagram shows the relative positions and assembly sequence of these components, with dashed lines indicating the alignment and path of assembly.

Control Valve and Reference Bar Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-5321	1	Plate-Control	10	94-6961	4	Screw
1:2	131-0708	1	Decal-Control Panel	11	131-9162	1	Handle-Traction
2	125-3704	1	Valve-Control	13	132-8414	1	Foam-Shield, Heat
3	112-2620	2	Bar-Reference	14	132-8415	1	Foam-Shield, Heat
4	321-5	6	Screw-HH	15	75-5470	2	Spacer-Bearing
5	3296-42	10	Nut-Lock, NI	16	133-1642	1	Cover-Rubber
6	130-7723	2	Ball-Traction	17	133-1641	1	Plate-Clamp
7	130-7692	1	Handle-Control	18	321-6	2	Screw-HH
8	3234-5	4	Screw-HHF				

Control Valve Assembly No. 125-3704



Control Valve Assembly No. 125-3704 (continued)

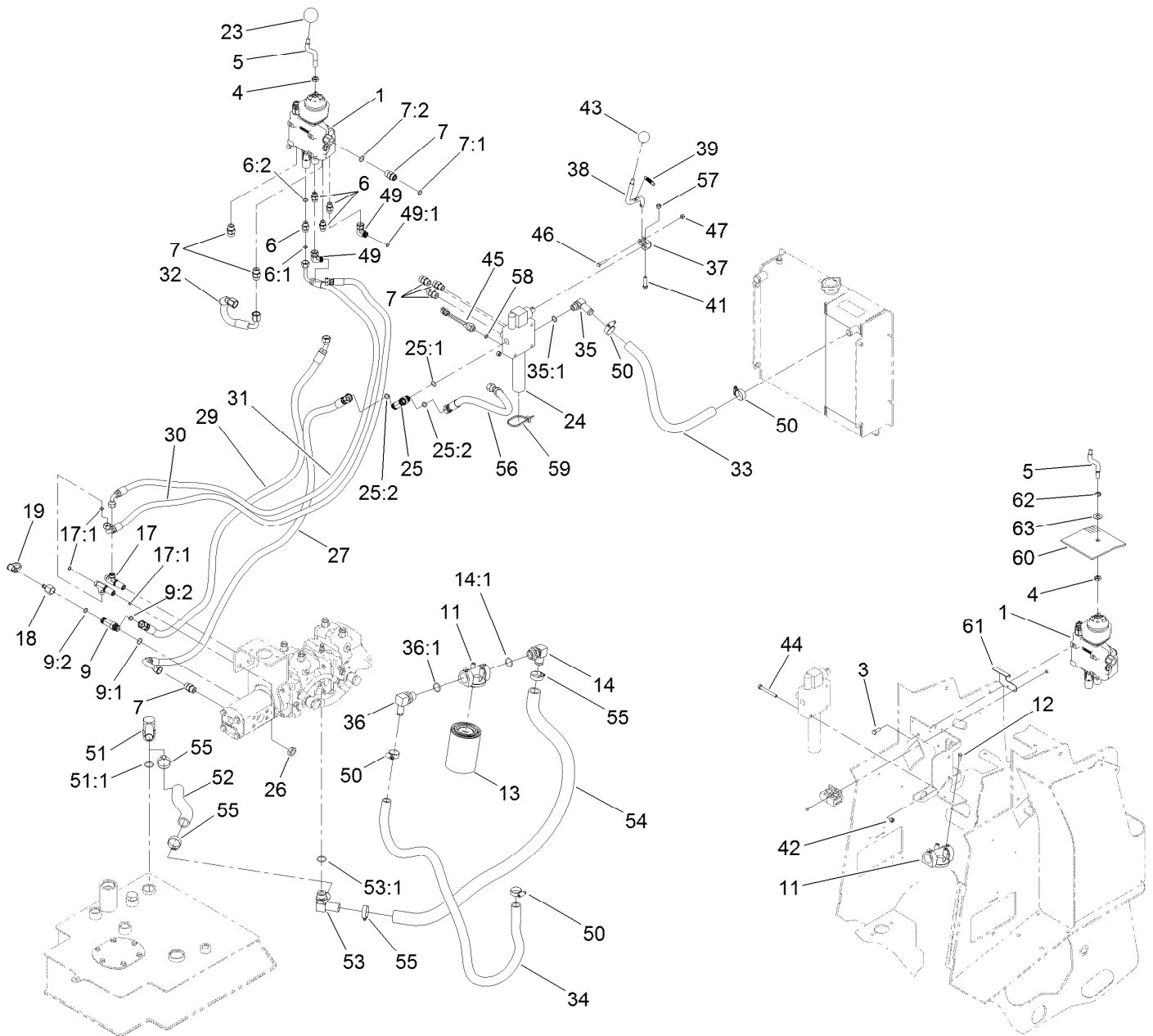
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-6034	2	Bellow Kit
1:1		1	Bellow-Rubber ■
1:2		1	Tie-Cable ■
2	132-6035	2	Limit Switch Kit
2:1		2	Screw ■
2:2		1	Cable ■
2:3		1	Fairlead ■
2:4		1	Connector ■
2:5		1	Screw ■
2:6		1	Tie-Wire ■
2:7		2	Tie-Cable ■
2:8		1	Spring ■●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2:9		1	Tie-Cable ■
3	132-6036	2	Fulcrum Kit
3:1		4	Screw ■
3:2		1	Support Kit ■
3:3		1	Plate-Mounting ■
4	132-6037	2	Switch Holder Lever Kit
4:1		1	Lever-Holder, Switch ■
4:2		1	Spring-Return ■
4:3		1	Sphere ■
4:4		1	Holder-Spring ■
5	100-7246	2	O-Ring

● Not illustrated

■ Not serviced separately

2-Spool Valve and Auxiliary Valve Assembly

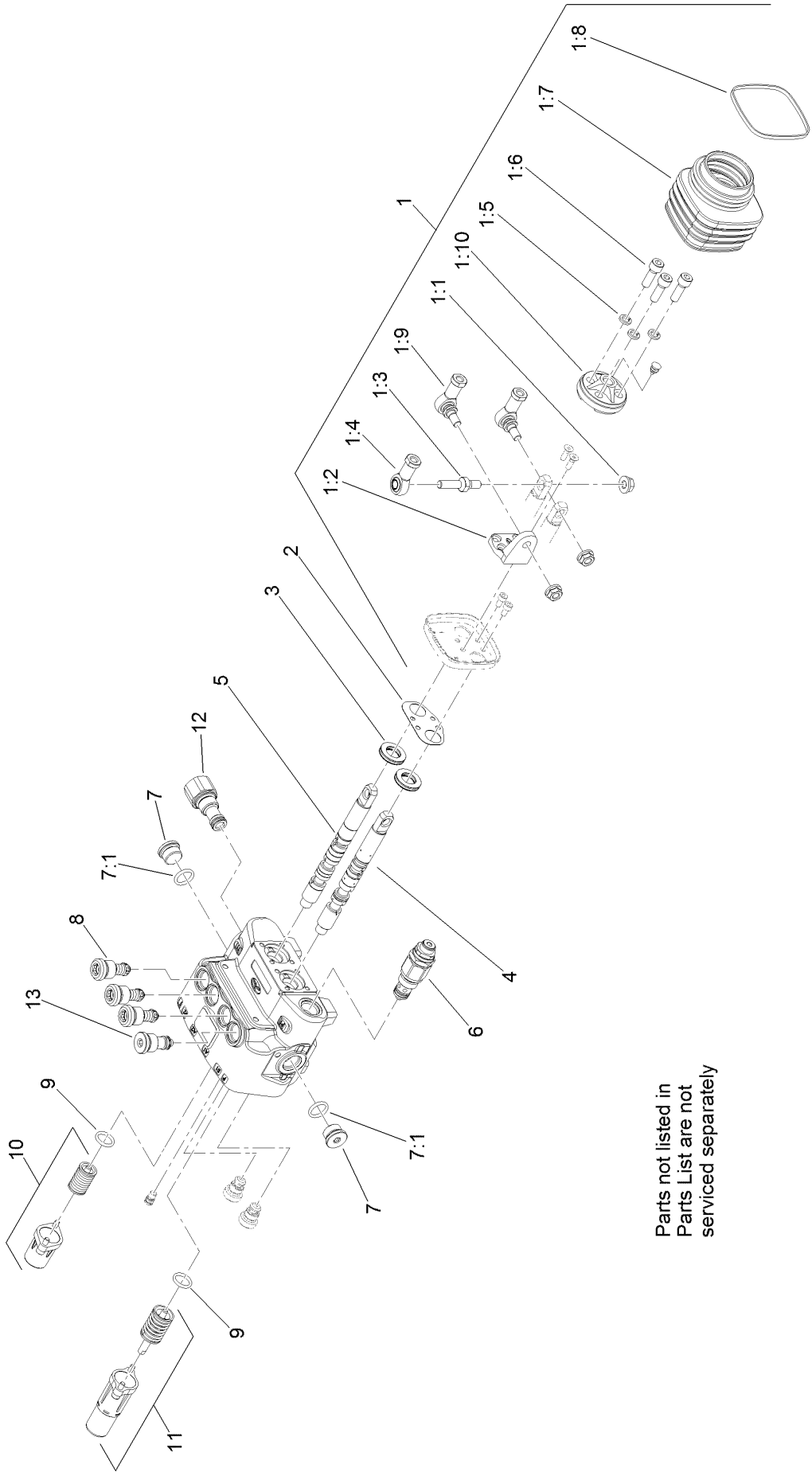


2-Spool Valve and Auxiliary Valve Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-7710	1	2 Spool Valve ASM
3	322-4	3	Screw-HH
4	51-2070	1	Nut
5	131-8025	1	Shaft-Handle, Lift/Tilt
6	340-2	4	Fitting-Straight
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
7	340-4	7	Fitting-Straight
7:1	237-30	1	O-Ring
7:2	237-79	1	O-Ring
9	340-109	1	Fitting-Tee
9:1	237-79	1	O-Ring
9:2	237-30	2	O-Ring
11	92-5821	1	Head-Filter
12	321-4	2	Screw-HH
13	86-3010	2	Filter-Oil
14	100-4202	1	Fitting-HYD, 90 DEG
14:1	237-81	1	O-Ring
17	340-68	2	Fitting-Tee, Bulkhead
17:1	237-22	3	O-Ring
18	100-5616	1	Fitting
19	354-79	1	Cap-Dust
23	233-21	1	Knob
24	136-4538	1	Double Detent Valve ASM
25	340-157	1	Fitting-HYD, Tee
25:1	237-79	1	O-Ring
25:2	237-30	2	O-Ring
26	340-70	4	Nut-Lock
27	127-9629	1	Hose-HYD
29	127-9631	1	Hose-HYD
30	127-9632	1	Hose-HYD
31	130-7597	1	Hose-HYD
32	127-9634	1	Hose-Return
33	130-7565	1	Hose-Return

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
34	130-7566	1	Hose-Return
35	353-954	1	Fitting-Elb 90
35:1	237-79	1	O-Ring
36	353-987	1	Fitting-Elb 90
36:1	237-81	1	O-Ring
37	133-0235	1	Bracket-Auxiliary
38	131-9277	1	Handle ASM
39	114-0249	1	Spring-Extension
41	33114-035	1	Screw-HH
42	3296-29	3	Nut-Lock, NI
43	233-42	1	Knob
44	322-13	3	Screw-HH
45	72-4310	1	Switch-Ball
46	119-2309	1	Bolt-Shoulder
47	3296-42	1	Nut-Lock, NI
49	340-159	2	Fitting-HYD, 90 DEG
49:1	237-22	2	O-Ring
50	2412-129	4	Clamp-Hose
51	56-9530	1	Fitting-HYD, 90 DEG
51:1	237-117	1	O-Ring
52	127-9627	1	Hose-Suction
53	AU375462A1	1	Connector
53:1	237-81	1	O-Ring
54	127-9626	1	Hose-Return
55	2412-34	4	Clamp-Hose
56	120-0880	1	Hose-HYD
57	33024-00	1	Nut-Lock, NI
58	237-42	1	O-Ring
59	3290-378	2	Tie-Cable
60	131-8011	1	Deflector-Air
61	131-8012	1	Bracket-Deflector
62	32151-68	1	Ring-Retaining
63	110-6894	1	Washer-Pivot

2-Spool Valve Assembly No. 130-7710

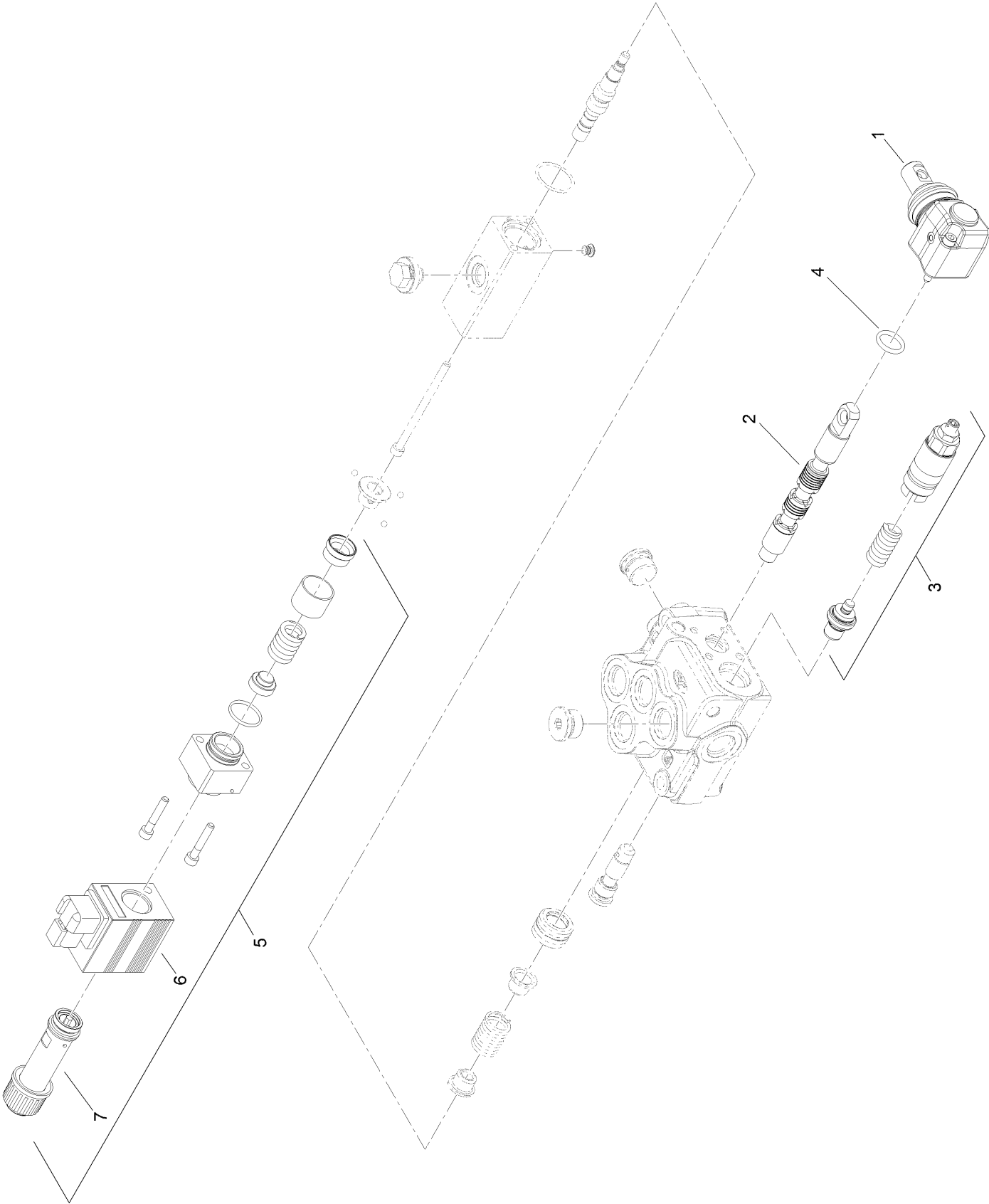


Parts not listed in
Parts List are not
serviced separately

2-Spool Valve Assembly No. 130-7710 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	106-7724	1	Joystick Kit	3	106-7738	2	Seal-Valve, Spool
1:1	98-0668	3	Nut	4	106-7737	1	Spool-Valve
1:2	106-7726	1	Pivot-Joystick	5	106-7736	1	Spool-Valve
1:3	106-7727	1	Pin-Joystick	6	132-6031	1	Valve-Relief, Main
1:4	106-7728	1	End-Rod	7	353-988	2	Plug-Hex
1:5	42-9850	3	Washer-Lock, Spring	7:1	237-79	1	O-Ring
1:6	98-5828	3	Screw-HSH	8	106-7734	3	Valve-Relief
1:7	106-7729	1	Bellow-Rubber	9	106-7719	2	Seal-Valve
1:8	3290-379	1	Tie-Cable	10	106-7732	1	Valve Spring Kit
1:9	106-7730	2	Joint-Joystick	11	106-7733	1	Detent Spring Kit
1:10	106-7731	1	Holder-Articulated	12	132-6032	1	Joint-SAE 8
2	106-7725	1	Seal-Joystick	13	132-6033	1	Plug

Double Detent Valve Assembly No. 136-4538

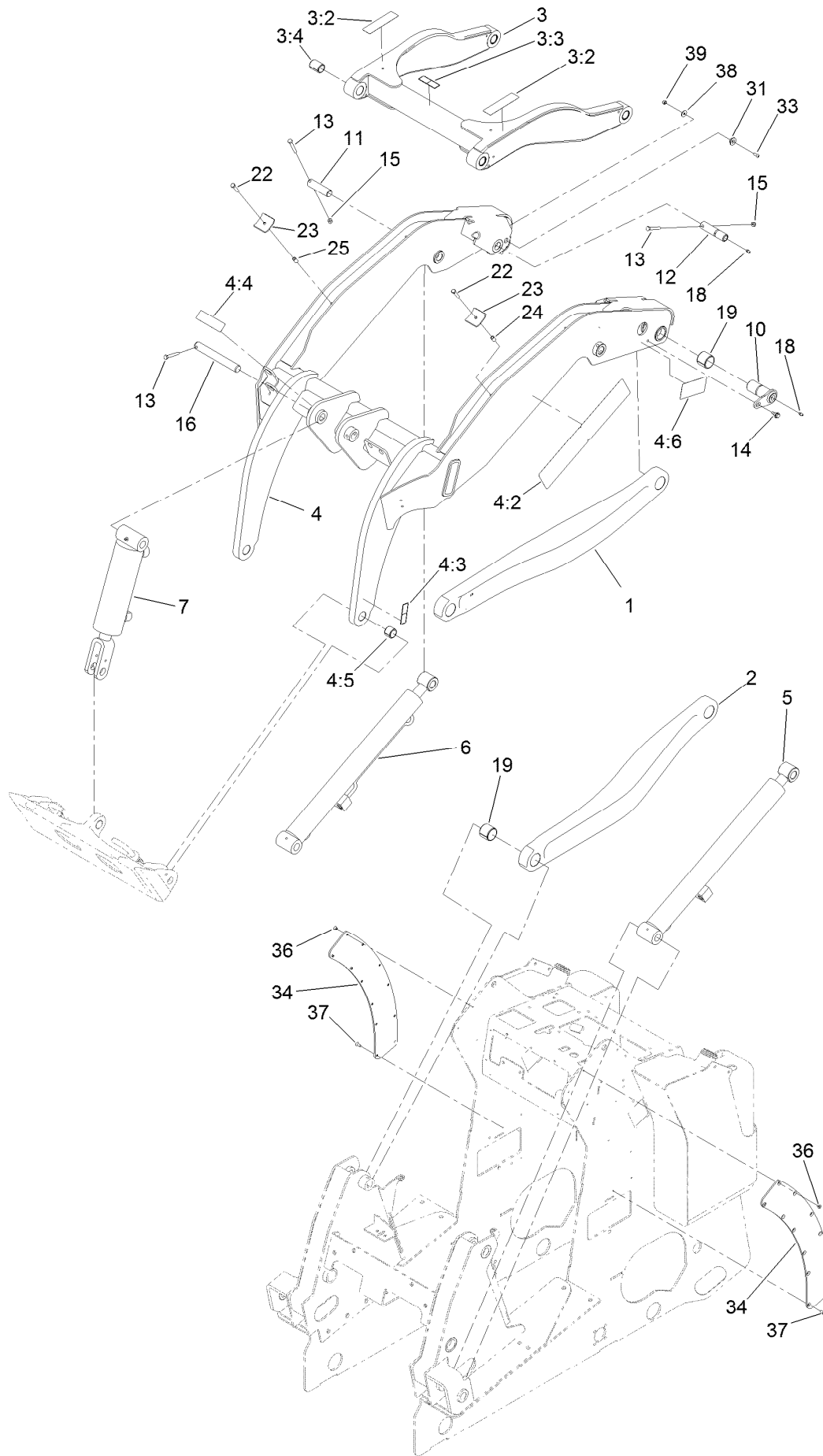


Double Detent Valve Assembly No. 136-4538 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-6038	1	Lever Kit (With Screws)
2	114-8624	1	Valve-Spool
3	132-6039	1	Valve-Relief
4	106-7719	2	Seal-Valve

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	136-5810	1	Spring/Coil Valve Kit
6	136-5811	1	Coil-Valve
7	136-5812	1	Valve-Tube, Pull

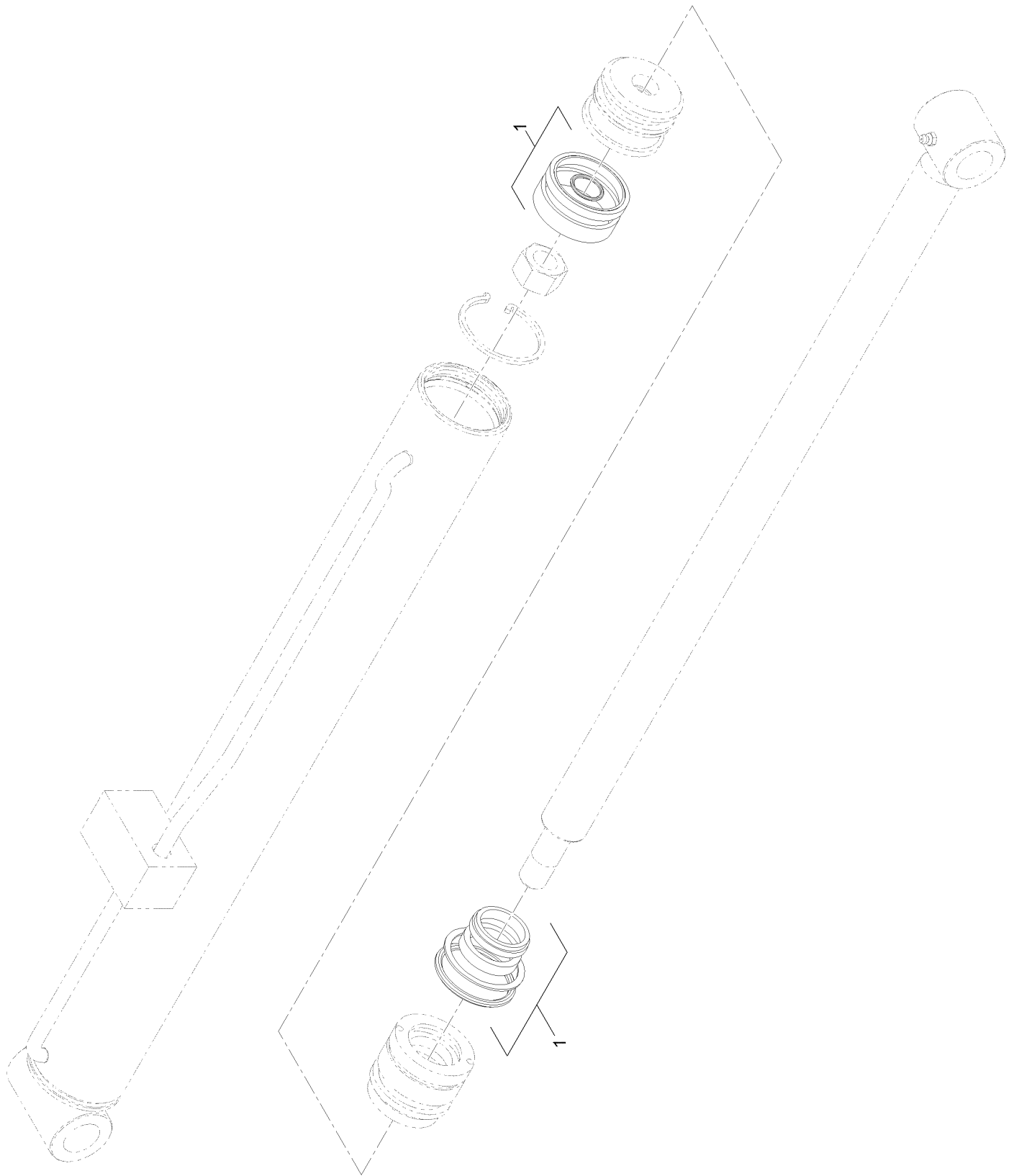
Loader Arm Assembly



Loader Arm Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-5151-03	1	Link-Lower, LH	13	322-11	5	Screw-HH
2	130-5153-03	1	Link-Lower, RH	14	99-5105	2	Bolt-Shoulder
3	130-5318	1	Link-Upper	15	3296-29	4	Nut-Lock, NI
3:2	130-2836	2	Decal-Warning, Crushing	16	130-5210	1	Pin-Locking
3:3	120-0625	1	Decal-Warning, Pinch Point	18	302-5	4	Fitting-Grease
3:4	130-5200	4	Bushing-Spring	19	130-5199	4	Bushing-Spring
4	131-8023	1	Loader Arm ASM	22	5-1470	4	Screw-HH
4:2	133-0217	2	Decal	23	130-5221	4	Plate-Holddown, Hose
4:3	120-0625	2	Decal-Warning, Pinch Point	24	131-9150	2	Spacer-Hose
4:4	115-4855	1	Decal-Caution	25	131-9151	2	Spacer-Hose
4:5	98-4871	2	Bushing-Tension	31	133-1666	2	Guide
4:6	131-0711	2	Decal-Warning, Pinch Point	33	3274-31	2	Screw-HSBH
5	130-5176	1	Cylinder-Lift, LH	34	131-0596	2	Pad-Wear, Frame
6	130-5175	1	Cylinder-Lift, RH	36	ST80422	6	Screw
7	130-5195	1	Cylinder-HYD, Dump	37	3274-47	10	Screw-HSFH
10	136-4708	2	Pin-Pivot	38	87-6630	2	Washer-Plain
11	130-5178	2	Pin-Pivot	39	3296-42	2	Nut-Lock, NI
12	125-3695	2	Pin-Link				

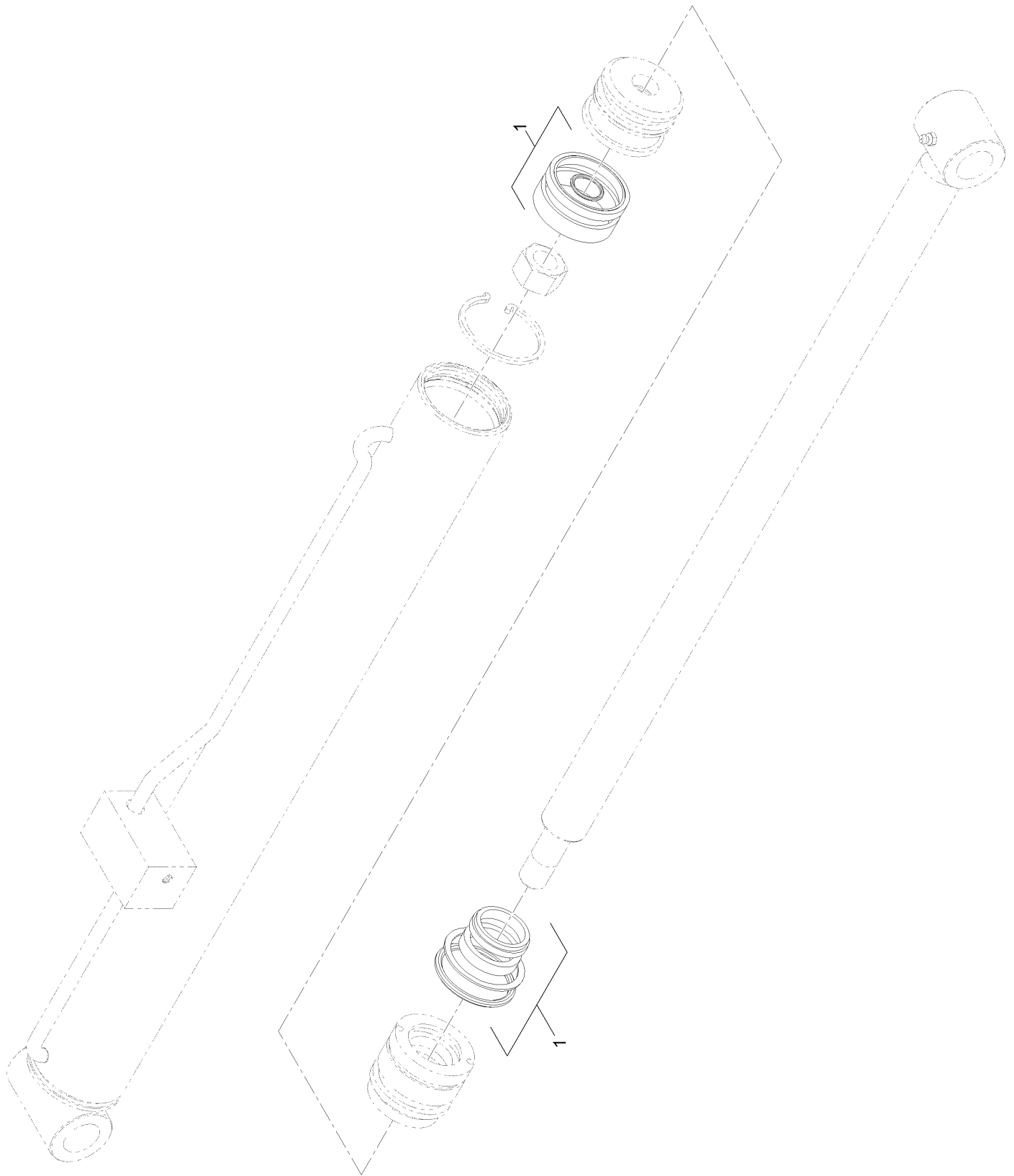
Hydraulic Cylinder Assembly No. 130-5176



Hydraulic Cylinder Assembly No. 130-5176 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-6029	1	Seal Kit

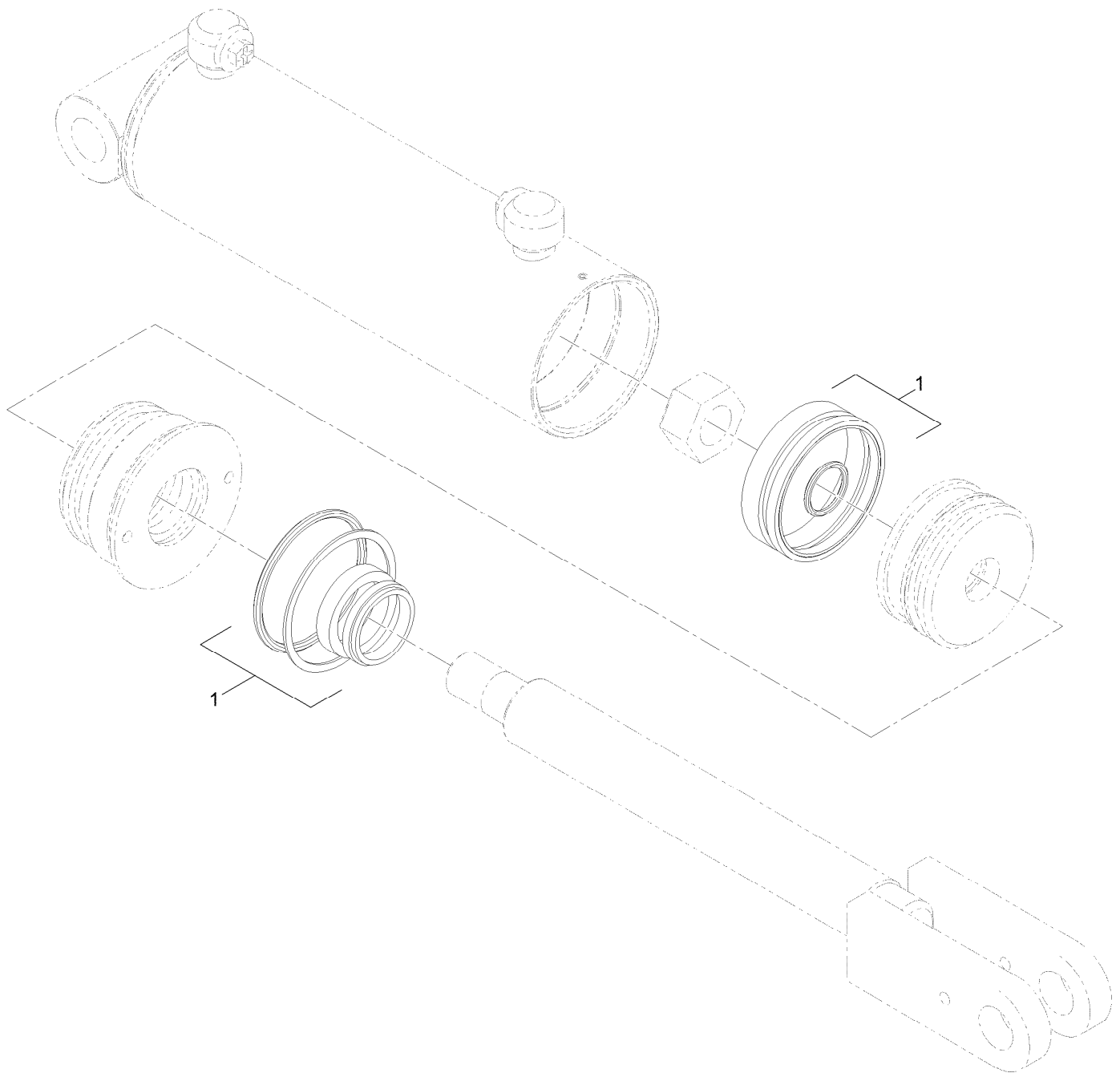
Hydraulic Cylinder Assembly No. 130-5175



Hydraulic Cylinder Assembly No. 130-5175 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-6029	1	Seal Kit

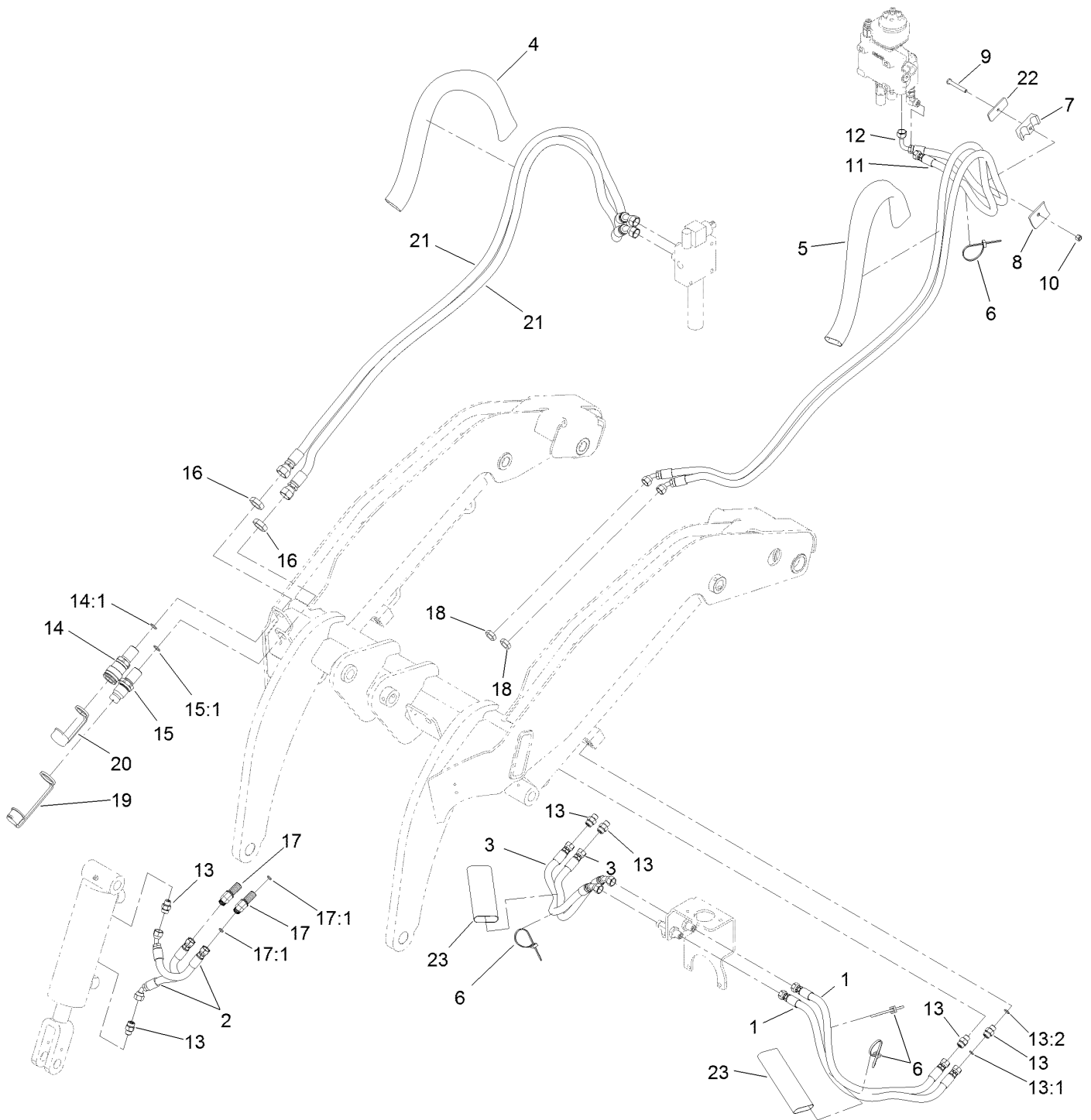
Hydraulic Cylinder Assembly No. 130-5195



Hydraulic Cylinder Assembly No. 130-5195 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-6030	1	Seal Kit

Loader Hydraulic Assembly

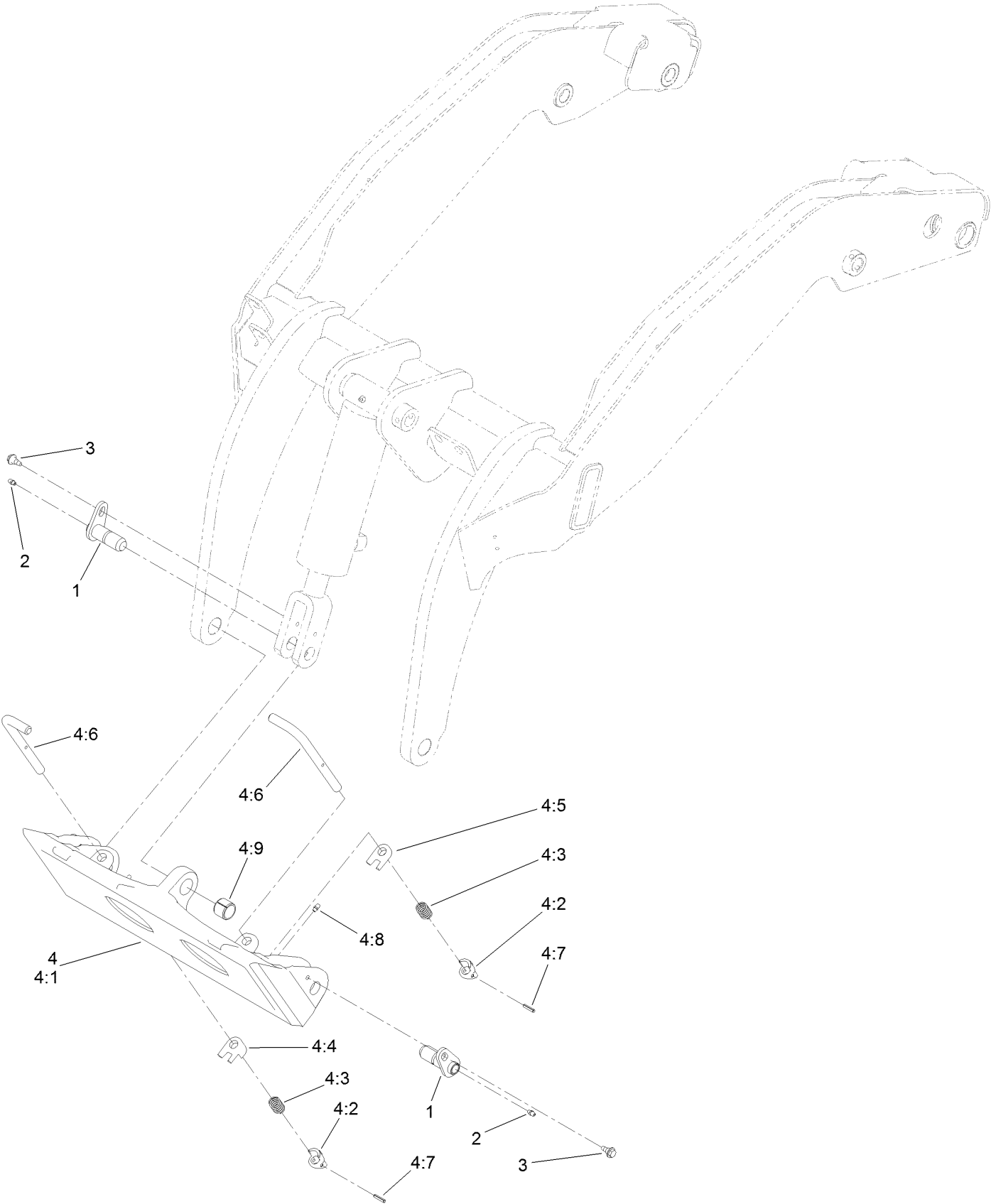


Loader Hydraulic Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	133-8570	2	HYD Hose ASM	14	105-8394	1	Bulkhead Coupler ASM
2	127-9637	2	Hose-HYD	14:1	237-65	1	O-Ring
3	133-8569	2	HYD Hose ASM	15	105-8395	1	Bulkhead Nipple ASM
4	130-7718	1	Sleeve-Protective	15:1	237-65	1	O-Ring
5	100-6128	1	Sleeve-Protective	15:2	100-6120	1	Seal Kit ●
6	3290-378	4	Tie-Cable	16	340-74	2	Nut-Lock, Bulkhead
7	94-8105	2	Clamp-Tube	17	340-69	2	Elbow-Bulkhead, 45 DEG
8	130-5221	2	Plate-Holddown, Hose	17:1	237-22	2	O-Ring
9	9114524	2	Bolt-TAP, HH	18	340-70	2	Nut-Lock
10	3296-29	2	Nut-Lock, NI	19	100-8815	1	Cap-Dust, Nipple
11	127-9633	1	Hose-HYD	20	100-8816	1	Cap-Dust, Coupler
12	130-7598	1	Hose-HYD	21	127-9630	2	Hose-HYD
13	340-2	6	Fitting-Straight	22	131-9152	2	Plate-Clamp, Hose
13:1	237-22	1	O-Ring	23	133-8568	2	Sleeve-Protective
13:2	237-42	1	O-Ring				

● Not illustrated

Quick Attach Assembly

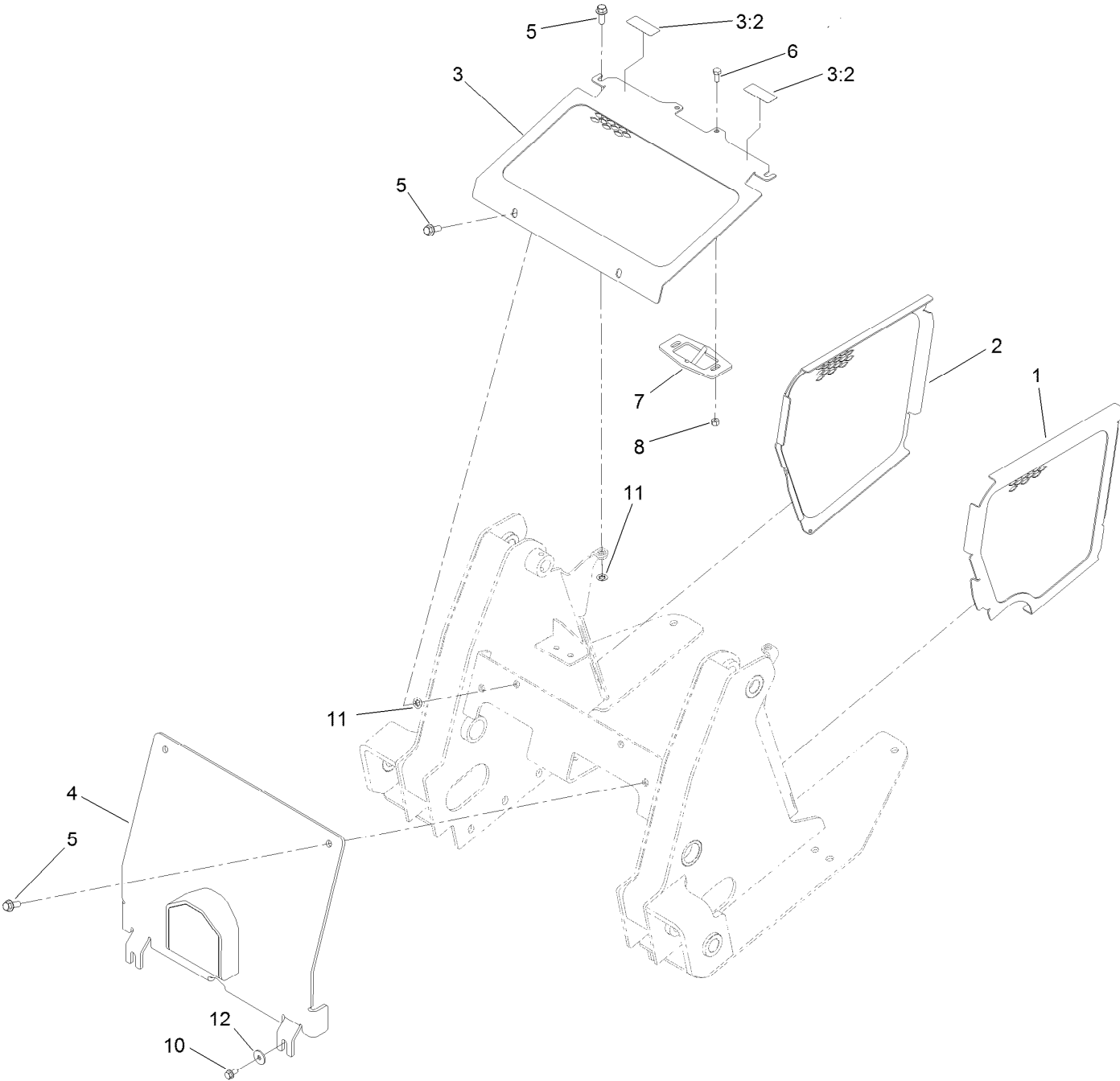


Quick Attach Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-5222	3	Pin-Pivot
2	302-5	3	Fitting-Grease
3	99-5105	3	Bolt-Shoulder
4	132-8418	1	Quick Attach ASM
4:1	130-7708-03	1	Mount-Qtach
4:2	105-0246	2	Cam
4:3	98-4694	2	Spring-Compression

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4:4	104-5909	1	Stop-RH
4:5	104-5903	1	Stop-LH
4:6	132-8419	2	Pin-Locking
4:7	3285-1	2	Pin-Grooved
4:8	302-5	2	Fitting-Grease
4:9	98-4871	1	Bushing-Tension

Front Cover and Side Panel Assembly

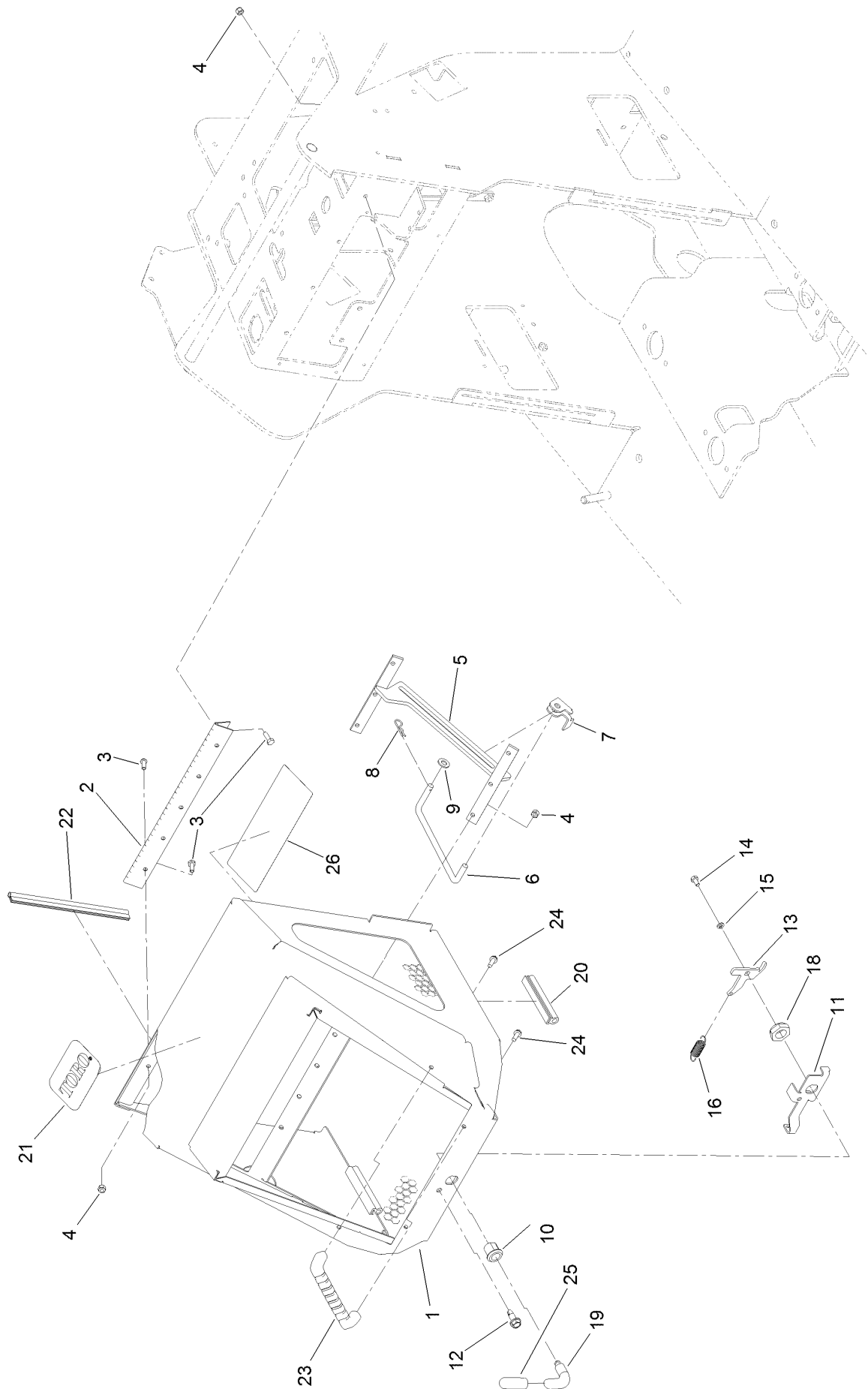


Front Cover and Side Panel Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-1734-03	1	Panel-Side, LH
2	132-1733-03	1	Panel-Side, RH
3	136-5752	1	Front Cover ASM
3:2	115-2047	2	Decal-Surface, Hot
4	133-0230-03	1	Cover-Front
5	3234-42	6	Screw-HHF

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	322-3	2	Screw-HH
7	130-5239-03	1	Hood Latch/Rod ASM
8	3296-29	2	Nut-Lock, NI
10	3234-14	2	Screw-HHF
11	107-3154	4	Nut-Push
12	115-7109	2	Washer-Flat

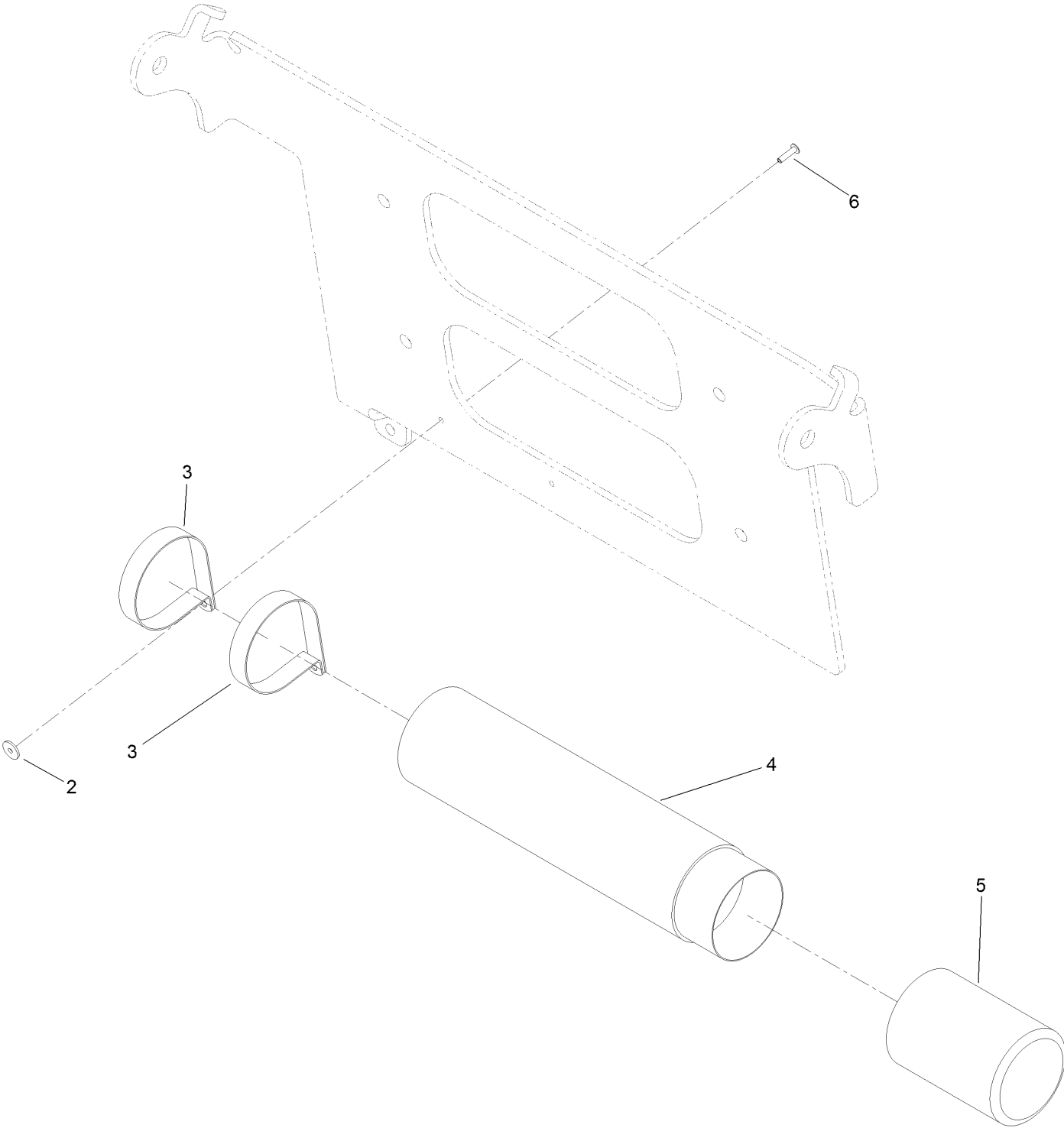
Hood Assembly



Hood Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	130-5298-03	1	Engine Hood ASM	19	108-5639	1	Handle-Latch
2	100-1284	1	Hinge-Hood	20	130-5248	2	Pad-Hood
3	321-4	12	Screw-HH	21	117-0871	1	Decal
4	3296-42	12	Nut-Lock, NI	22	130-5345	1	Trim-Seal, Bulb
5	130-5228-03	1	Bracket-Prop, Hood	23	65-5100	2	Handle-Door
6	108-6357	1	Rod-Support, Hood	24	46-8091	4	Screw-HWH
7	115-0714	1	Bracket-Latch, Locking	25	133-0206	1	Grip-Lever, Hood
8	3290-250	1	Pin-Cotter	26	131-0597	1	Decal-Service
9	3256-24	1	Washer-Flat	26	132-8636	1	Decal-Service, French
10	106-9335	1	Housing-Latch	26	132-8637	1	Decal-Service, German
11	130-5232-03	1	Bracket-Latch	26	132-8638	1	Decal-Service, Spanish
12	105-6245	1	Screw-Tapping	26	132-8639	1	Decal-Service, Italian
13	130-5233	1	Cam-Hooked	26	132-8640	1	Decal-Service, Dutch
14	321-2	1	Screw-HH	26	132-8641	1	Decal-Service, Polish
15	3253-3	1	Washer-Lock	26	132-8642	1	Decal-Service, Russian
16	104-0869	1	Spring	26	132-8643	1	Decal-Service, Slovak
18	3296-60	1	Nut-Lock, NI				

Manual Tube Assembly

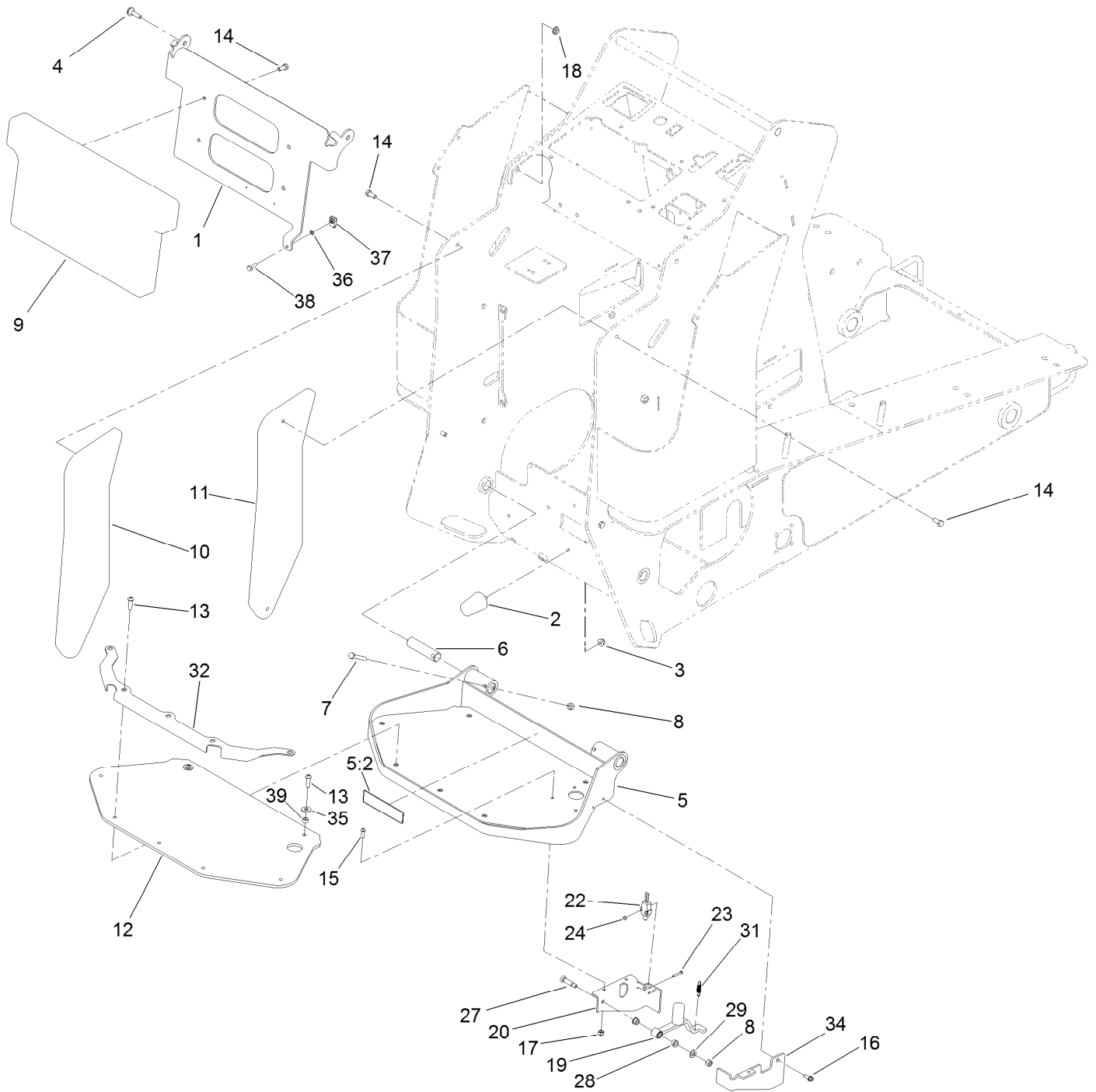


Manual Tube Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	3269-10	2	Washer-Back
3	2412-120	2	Clamp-R
4	104-7050	1	Tube-Manual

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	104-7048	1	Cap-Housing
6	3269-17	2	Rivet-Pop

Platform and Cushion Assembly

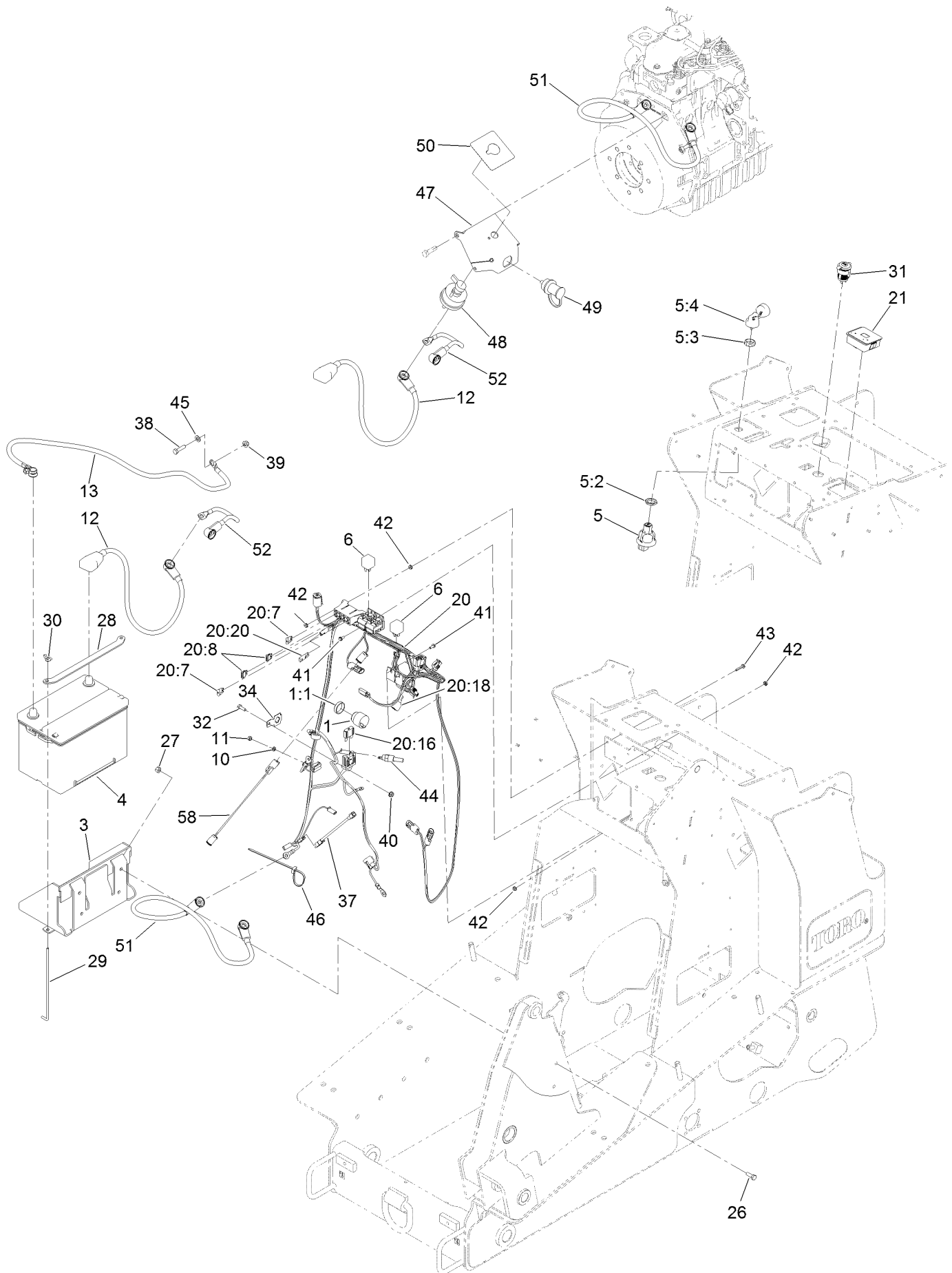


Platform and Cushion Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	132-6026-03	1	Hinge-Pad
2	110-5070	3	Bumper
3	104-8300	3	Nut-HF, NI
4	108-3744	2	Screw-Shoulder
5	131-9301	1	Platform
6	125-3749	2	Pin-Pivot
7	322-10	2	Screw-HH
8	3296-29	10	Nut-Lock, NI
9	130-1042	1	Cushion-Pad
10	130-1043	1	Cushion-Pad
11	130-1044	1	Cushion-Pad
12	130-1054	1	Pad-Foot
13	109-4872	7	Screw-HSH
14	322-3	8	Screw-HH
15	3274-69	3	Screw-HSBH
16	32104-95	1	Screw-HWH
17	3296-42	3	Nut-Lock, NI

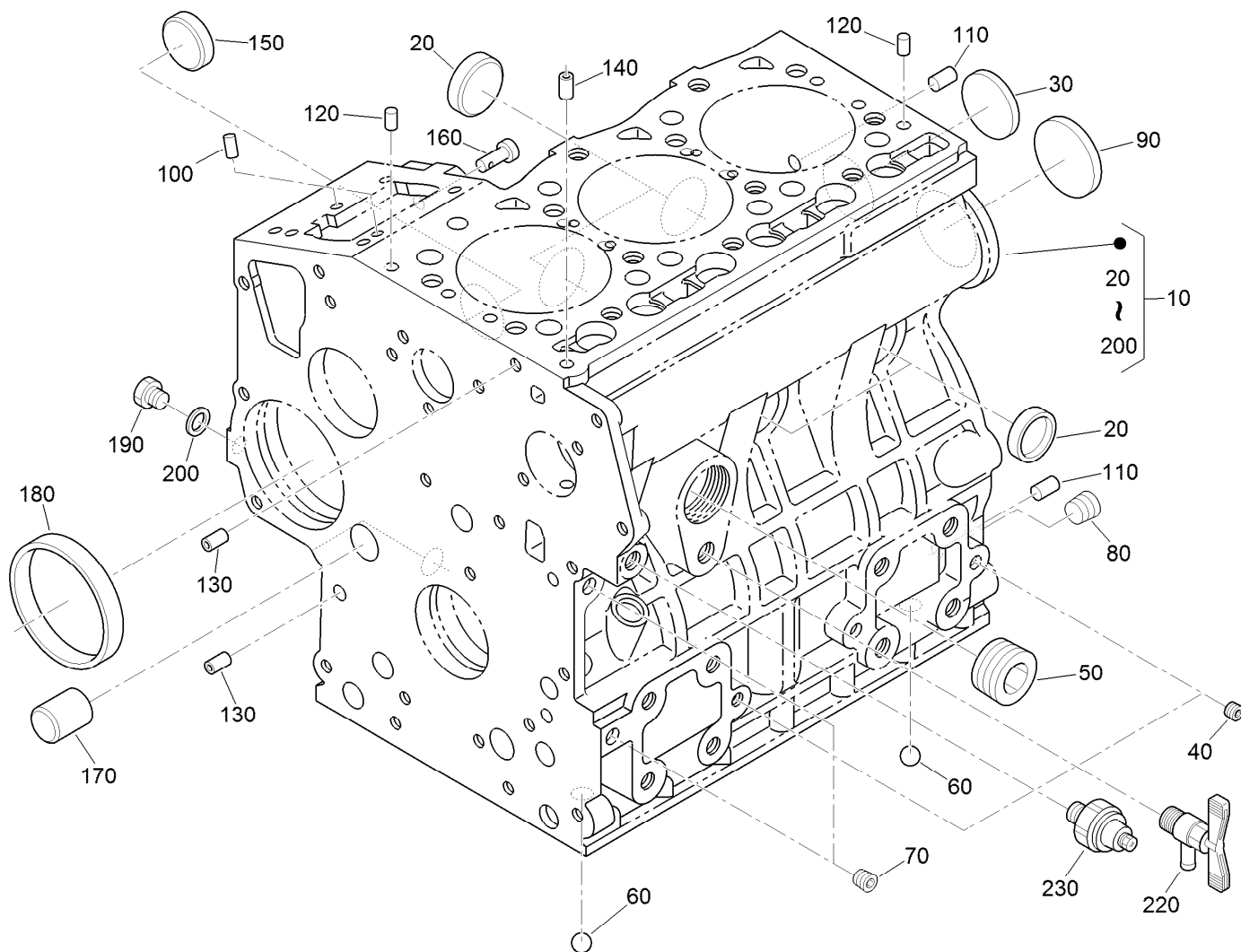
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
18	32128-20	2	Nut-HF
19	130-5293	1	Lever-Switch, Aux
20	130-5310-03	1	Bracket-Switch, LH
22	95-8900	1	Switch
23	32105-9	2	Screw
24	3296-9	2	Nut-Hex
27	114-8629	1	Bolt-Shoulder
28	1-603735	2	Bushing-Flanged
29	3256-45	1	Washer-Flat
31	59-3660	1	Spring
32	130-5313-03	1	Plate-Clamp
34	130-5311-03	1	Bracket-Switch, RH
35	3256-3	2	Washer-Flat
36	1-803037	1	Nut-Retaining
37	107069	1	Clip
38	321-5	1	Screw-HH
39	85-9120	2	Spacer-Pivot, Tilt

Electrical Assembly



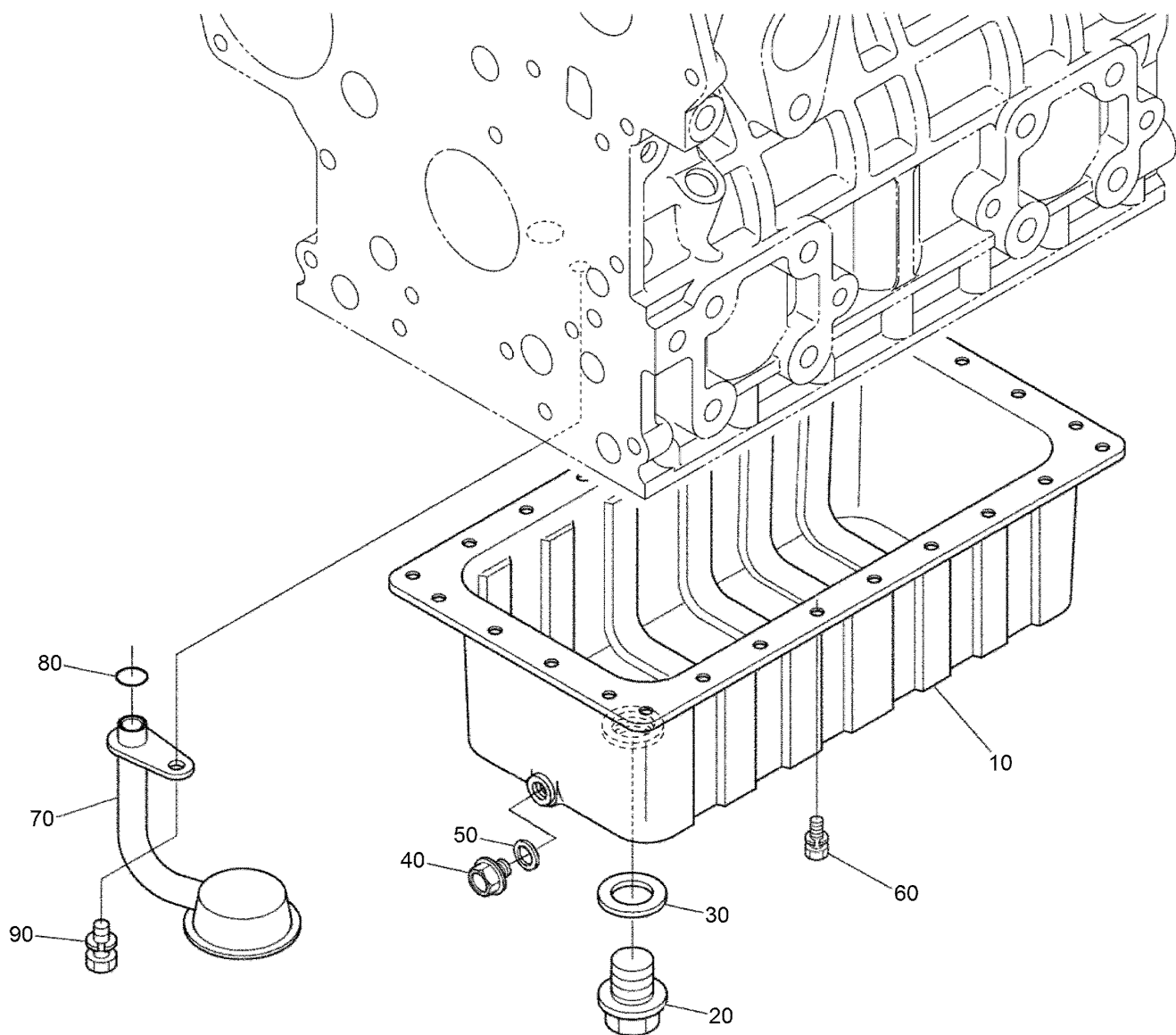
Electrical Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	80-9330	1	Audio Alarm ASM	29	136-5756	2	Rod-Hold Down, Battery
1:1	104-5107	1	Nut-Plastic, Knurled	30	1-803038	2	Wingnut
3	130-5236-03	1	Tray-Battery	31	109-9376	1	Receptacle-12V
4	106-5190	1	Battery	32	321-4	1	Screw-HH
5	121-5159	1	Ignition Switch ASM	34	114-5502	1	Clip-Fuse
5:2	121-5160	1	Nut-Hex	37	112-2463	1	Harness-Link, Fusible
5:3	121-5161	1	Nut-Face	38	322-6	1	Screw-HH
5:4	121-5162	1	Ignition Key Set	39	104-8300	1	Nut-HF, NI
6	1-643275	4	Relay	40	32128-33	1	Nut-HF
10	43-5930	1	Washer-Lock, Spring	41	3290-321	4	Screw-HWH
11	43-2830	1	Nut-Hex	42	32149-7	8	Nut-Keps
12	131-8031	1	Cable-Battery, Positive	43	117-1701	2	Screw-HWHTF
13	104-0761	1	Cable-Negative	44	98-3825	1	Switch-Temp
20	132-8645	1	Harness-Wire	45	3256-23	1	Washer-Plain
20:7	218-578	2	Fuse-Blade, 10 Amp	46	3290-378	1	Tie-Cable
20:8	109355	2	Fuse-Blade, 15 Amp	47	131-8009-03	1	Mount-Remote Terminal
20:16	94-8002	1	Fuse-Blade, 50 Amp	48	AUR52278	1	Switch-Disconnect, Master
20:18	103-3895	1	Diode	49	132-1364	1	Stud-Jumper, Positive
20:20	116-0053	1	Cap-Plug	50	131-8026	1	Decal-Battery Disconnect
21	130-7635	1	Module-Hour Meter	51	131-8032	1	Cable-Battery, Positive
26	322-4	4	Screw-HH	52	122-0103	1	Cable-Battery, Positive
27	3296-29	4	Nut-Lock, NI	58	136-5813	1	Harness-Wire
28	136-5755-03	1	Strap-Hold Down, Battery				



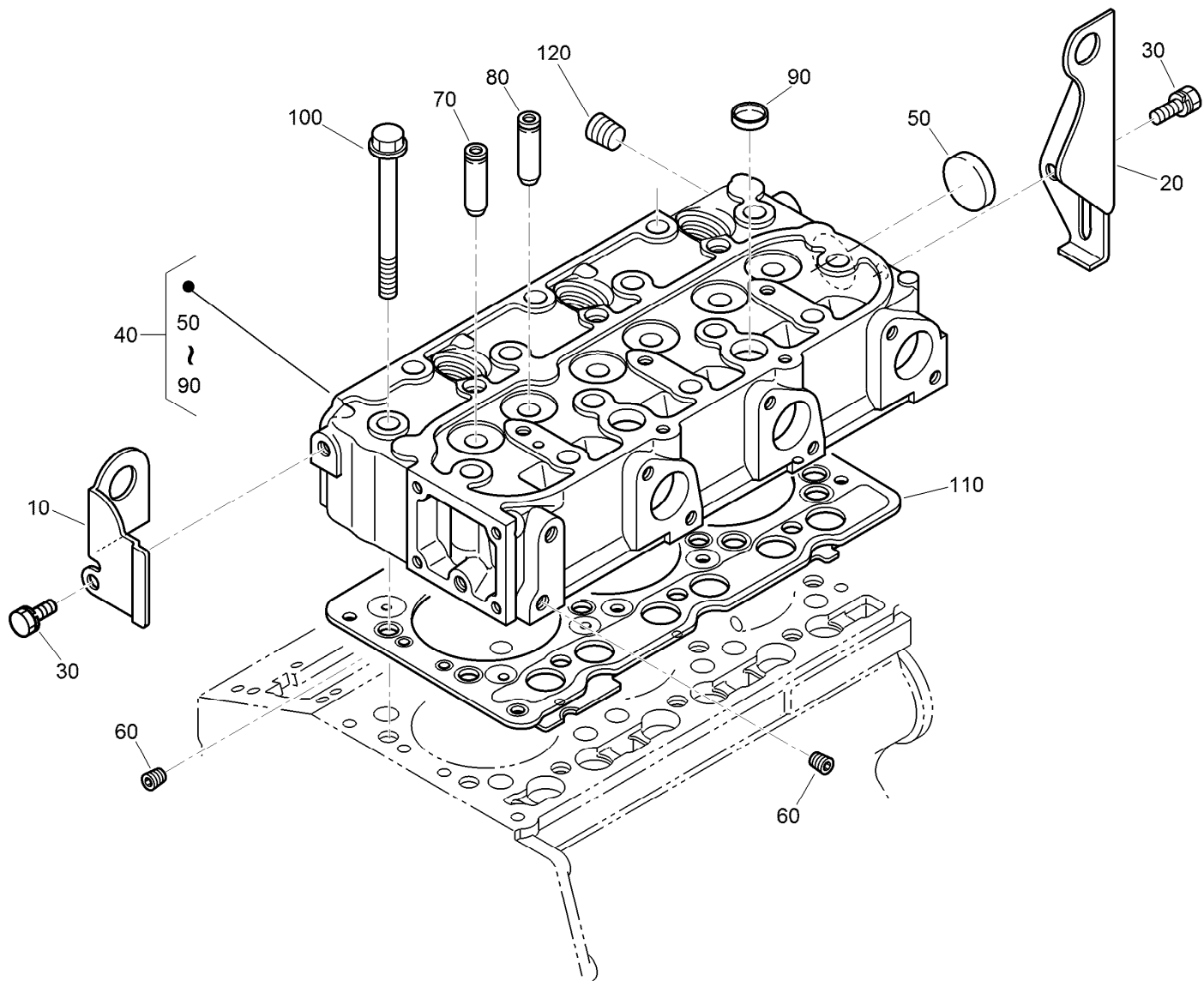
Crankcase Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
10	117-8800	1	Crankcase ASM	120	98-9376	2	Pin-Straight
20	98-9398	4	Cap-Sealing	130	98-9387	2	Pin-Pipe
30	98-7539	1	Cap-Sealing	140	98-9539	1	Pin-Pipe
40	98-9687	6	Plug	150	98-9599	1	Plug
50	105-3779	1	Plug	160	98-9630	1	Pin-Spring, Start
60	98-9380	2	Ball	170	98-9675	1	Plug
70	98-7487	2	Plug	180	98-9656	1	Bushing-Governor, Gear
80	98-7488	1	Plug	190	120-2559	1	Plug
90	98-9668	1	Plug-Expansion	200	98-7428	1	Gasket
100	98-9375	2	Pin-Straight	220	120-3121	1	Draincock ASM
110	98-9377	2	Pin-Straight	230	98-9416	1	Switch-Oil



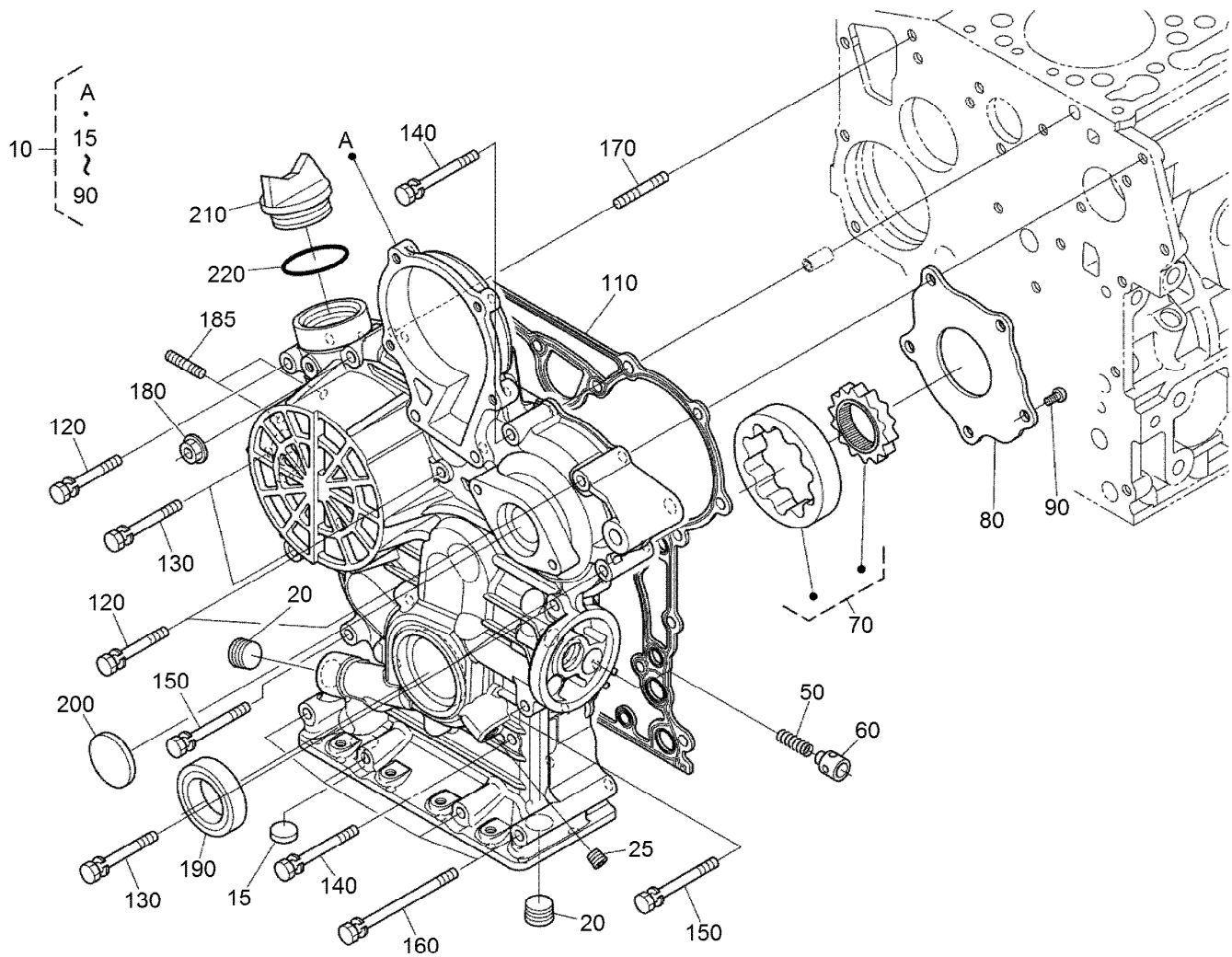
Oil Pan Assembly

Ref.	Part Number	Qty.	Description
10	132-4940	1	Oil Pan ASM
20	98-9686	1	Plug-Drain
30	110-9715	1	Gasket-Pan, Oil
40	114-8151	1	Plug-Drain
50	98-7524	1	Gasket
60	98-9351	26	Bolt
70	132-4939	1	Screen-Filter, Oil
80	105-3776	1	O-Ring
90	98-7526	1	Bolt



Cylinder Head Assembly

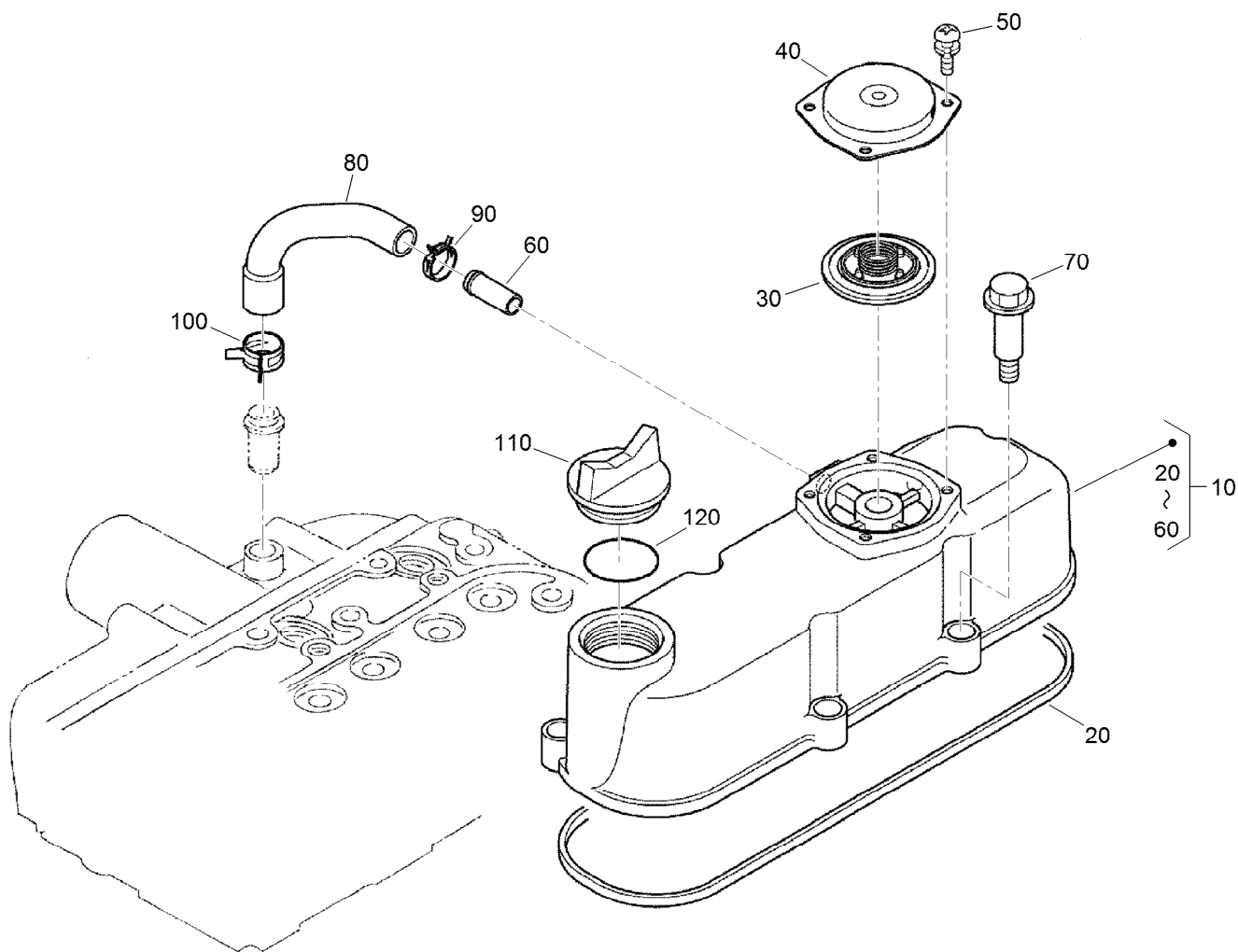
Ref.	Part Number	Qty.	Description
10	130-1231	1	Hook-Engine
20	98-9478	1	Hook-Engine
30	AU126123A1	2	Bolt
40	117-8802	1	Cylinder Head ASM
50	105-3705	1	Cap-Sealing
60	98-9687	2	Plug
70	107-9066	3	Guide-Valve, Inlet
80	107-9067	3	Guide-Valve, Exhaust
90	98-9389	2	Cap-Sealing
100	98-9479	14	Bolt-Head, Cylinder
110	108-6573	1	Gasket-Head, Cylinder
120	98-9444	1	Plug



Gear Case Assembly

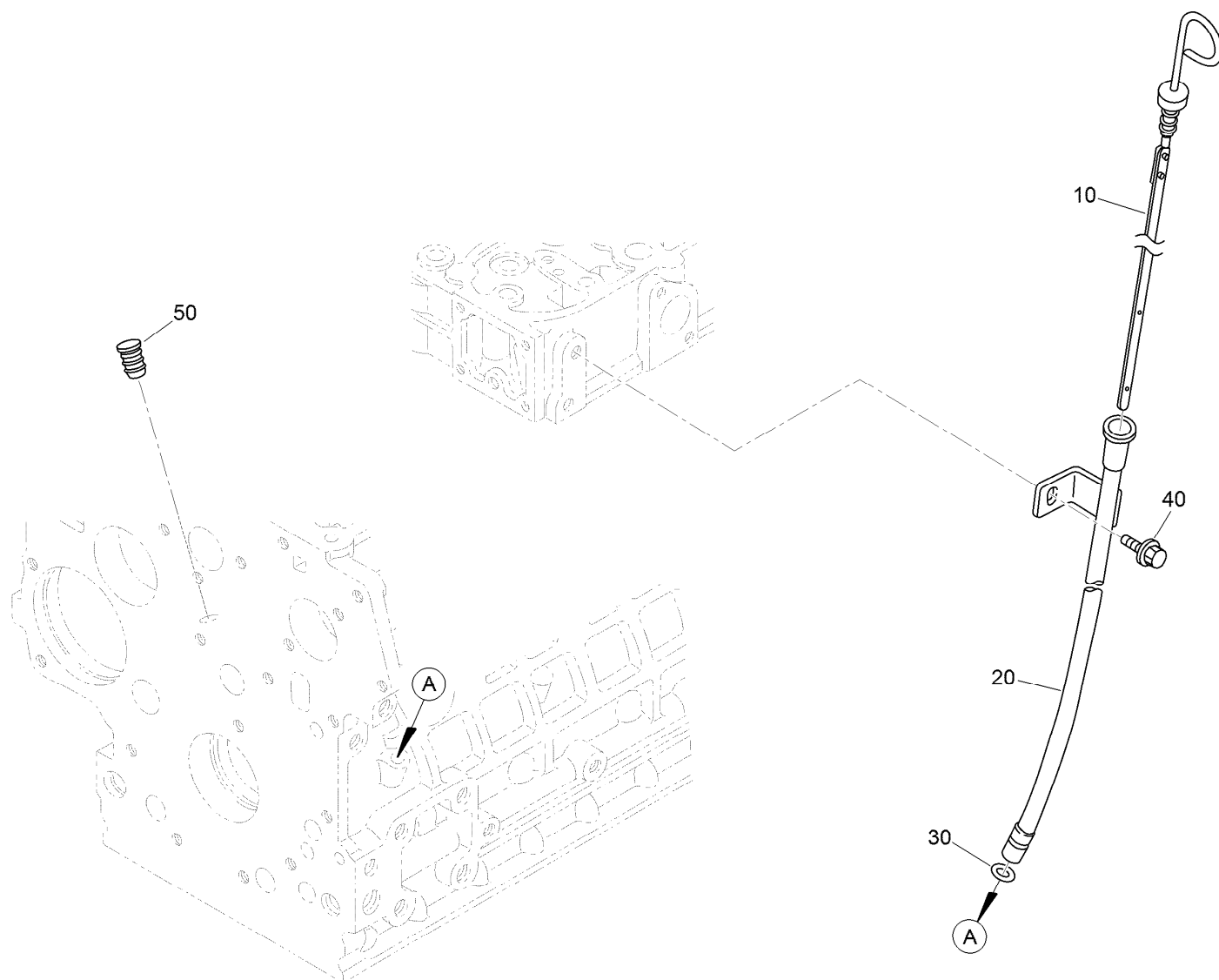
Ref.	Part Number	Qty.	Description
10	117-8803	1	Gear Case ASM
15	117-8804	1	Cap-Sealing
20	127-0425	2	Plug
25	98-7487	1	Plug
50	130-1511	1	Spring
60	130-1510	1	Valve-Relief
70	130-1508	1	Rotor ASM
80	130-1509	1	Cover-Pump, Oil
90	130-1164	5	Screw-Binding
110	117-8835	1	Gasket-Case, Gear
120	100-1765	3	Bolt

Ref.	Part Number	Qty.	Description
130	125-9063	4	Bolt-Sems
140	98-9356	2	Bolt
150	100-1766	2	Bolt
160	107-9090	4	Bolt
170	105-3709	1	Stud
180	100-2203	1	Nut-Flange
185	105-3710	2	Stud
190	119-8038	1	Seal-Oil
200	99-3515	1	Plug-Gearcase
210	107-9075	1	Plug-Filler, Oil
220	99-3446	1	O-Ring



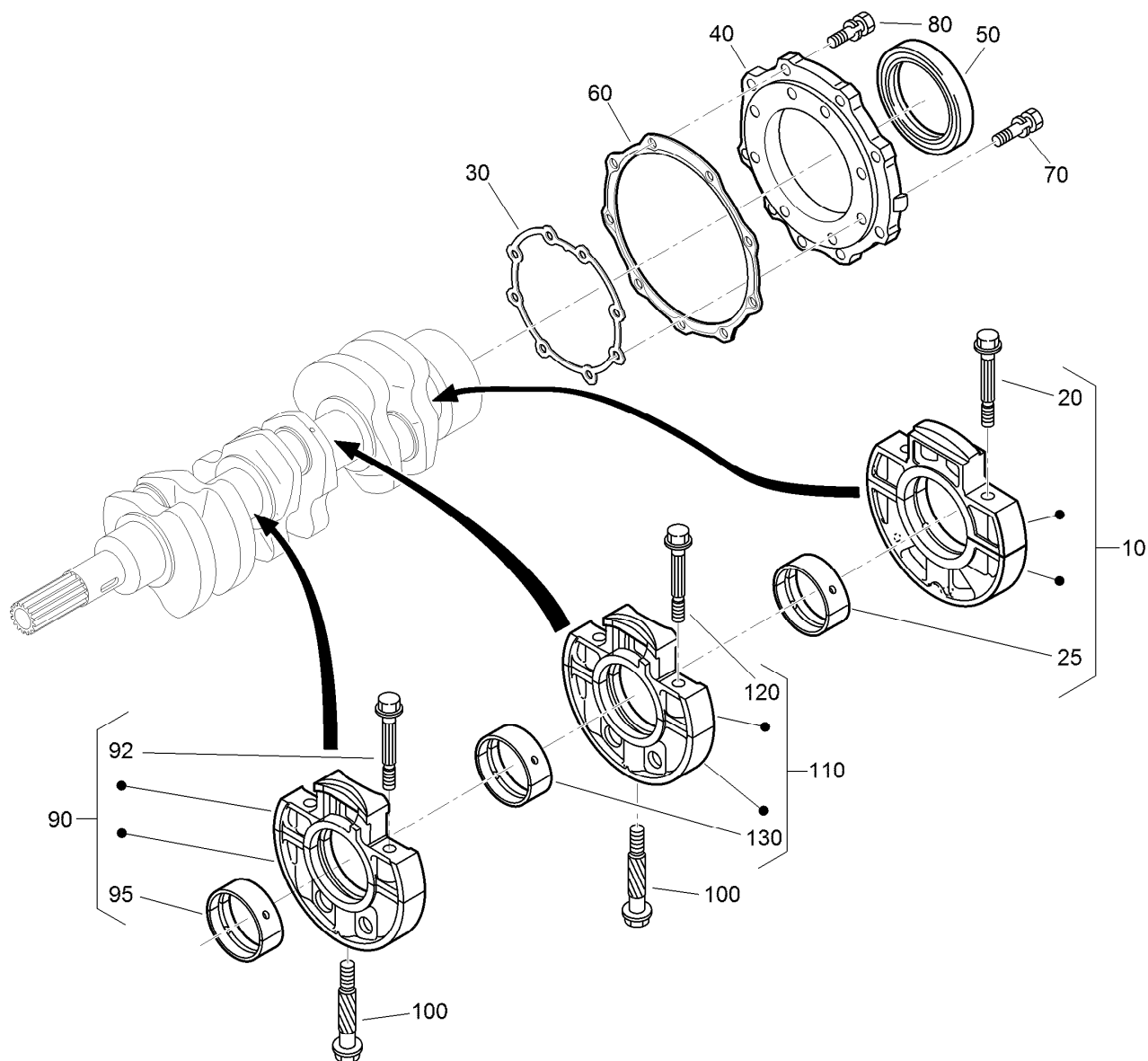
Cylinder Head Cover Assembly

Ref.	Part Number	Qty.	Description
10	117-8805	1	Cylinder Head Cover ASM
20	117-8806	1	Gasket-Cover, Head
30	110-3715	1	Valve-Breather
40	110-3714	1	Cover-Breather
50	98-9364	4	Screw (With Washer)
60	98-7766	1	Pipe-Return, Water
70	108-7063	5	Bolt
80	108-2858	1	Tube-Breather
90	108-2859	1	Clamp-Hose
100	108-2860	1	Clamp-Hose
110	107-9075	1	Plug-Filler, Oil
120	99-3446	1	O-Ring



Dipstick and Guide Assembly

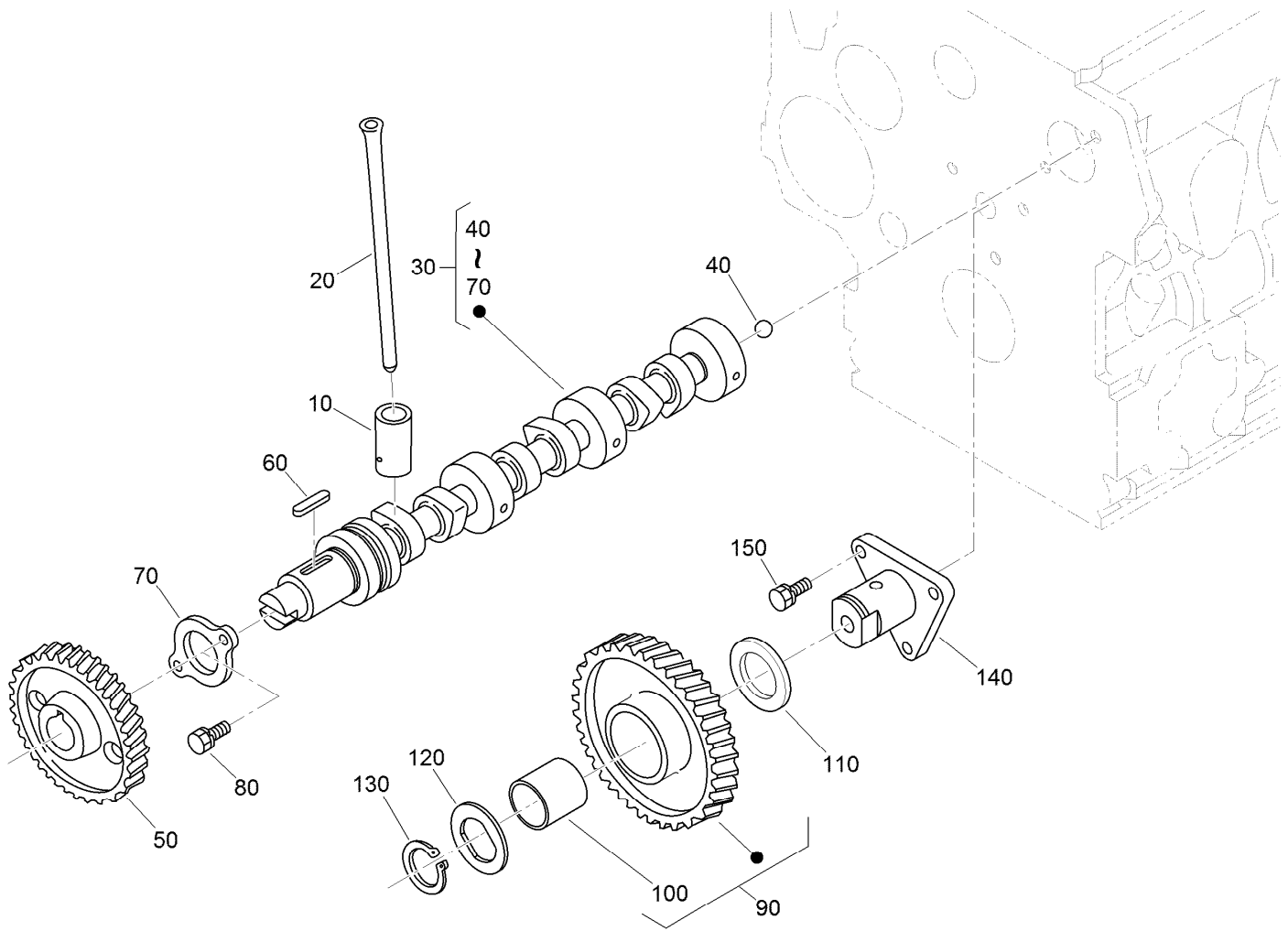
Ref.	Part Number	Qty.	Description
10	132-4941	1	Gauge-Oil
20	132-4942	1	Guide-Gauge, Oil
30	98-9722	1	O-Ring
40	AU126123A1	1	Bolt
50	110-3720	1	Plug-Gauge, Oil



Main Bearing Case Assembly

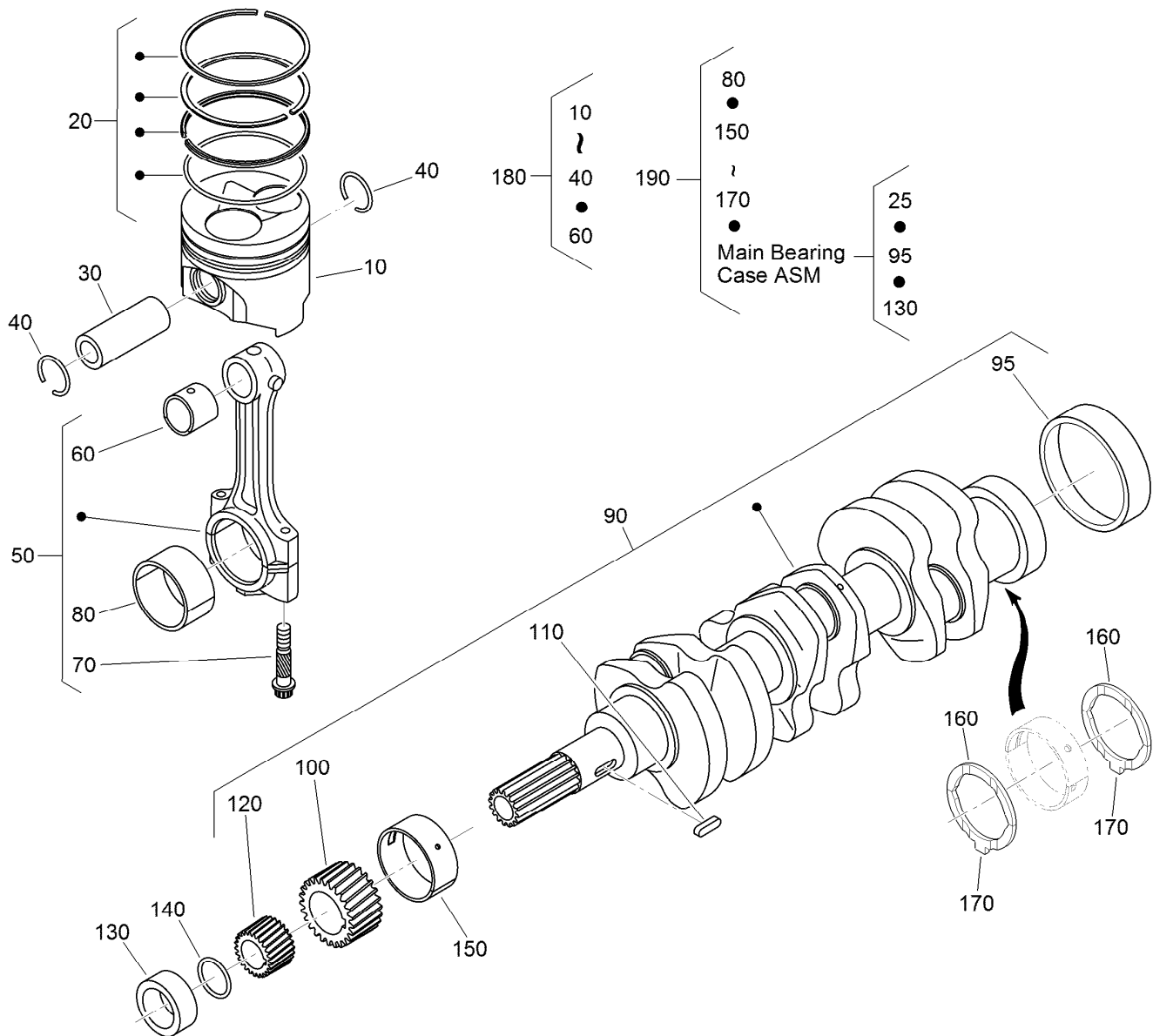
Ref.	Part Number	Qty.	Description
10	112-7026	1	Wheel Bearing Case ASM
20	98-9484	2	Bolt-Case, Bearing
25	115-4121	1	Metal-Crankshaft (STD)
25	112-7039	1	Metal-Crankshaft (0.2Mm)
25	112-7040	1	Metal-Crankshaft (-0.4Mm)
30	131-6554	1	Gasket-Case, Bearing
40	112-7046	1	Cover-Case, Bearing
50	112-0180	1	Seal-Oil
60	112-7037	1	Gasket-Cover, Case
70	127-0441	8	Bolt
80	127-0442	9	Bolt

Ref.	Part Number	Qty.	Description
90	117-8809	1	Main Bearing Case ASM
92	98-9484	2	Bolt-Case, Bearing
95	117-8810	1	Metal-Crankshaft
95	117-8811	1	Metal-Crankshaft
95	117-8812	1	Metal-Crankshaft
100	98-9485	2	Bolt-Case, Bearing
110	117-8813	1	Main Bearing Case ASM
120	98-9484	2	Bolt-Case, Bearing
130	117-8810	1	Metal-Crankshaft
130	117-8811	1	Metal-Crankshaft
130	117-8812	1	Metal-Crankshaft



Camshaft and Idle Gear Shaft Assembly

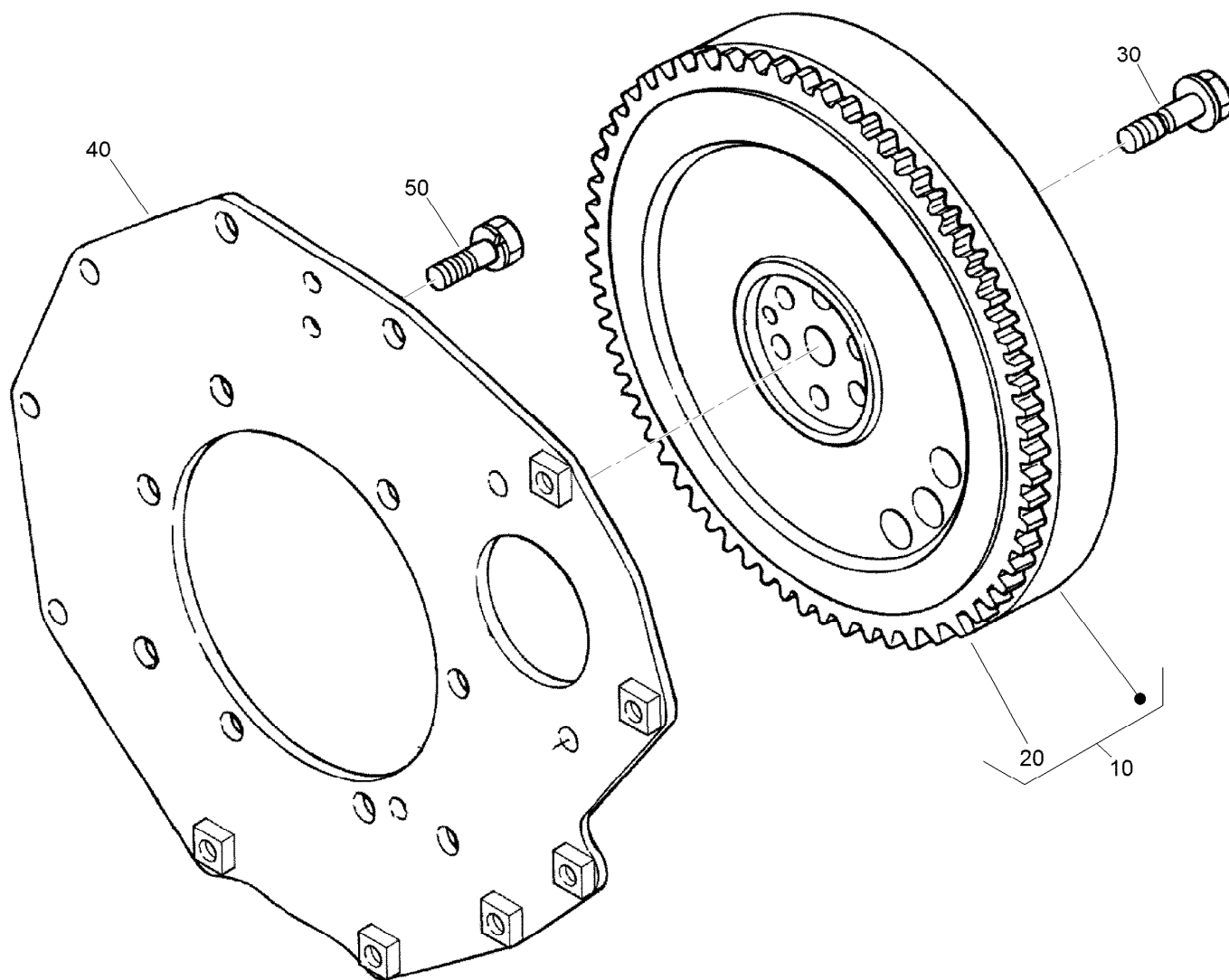
Ref.	Part Number	Qty.	Description
10	112-0185	6	Tappet
20	117-8814	6	Rod-Push
30	130-1545	1	Camshaft ASM
40	110-3729	1	Ball
50	98-9512	1	Gear-Cam
60	98-9378	1	Key-Feather
70	131-6555	1	Stopper (Camshaft)
80	98-7692	2	Bolt
90	117-7584	1	Idler Gear ASM
100	117-7585	1	Bushing-Gear, Idle
110	98-9535	1	Collar-Gear, Idle
120	98-9536	1	Collar-Gear, Idle
130	98-9534	1	Circlip-Gear, Idle
140	98-9533	1	Shaft-Gear, Idle
150	98-7692	3	Bolt



Piston and Crankshaft Assembly

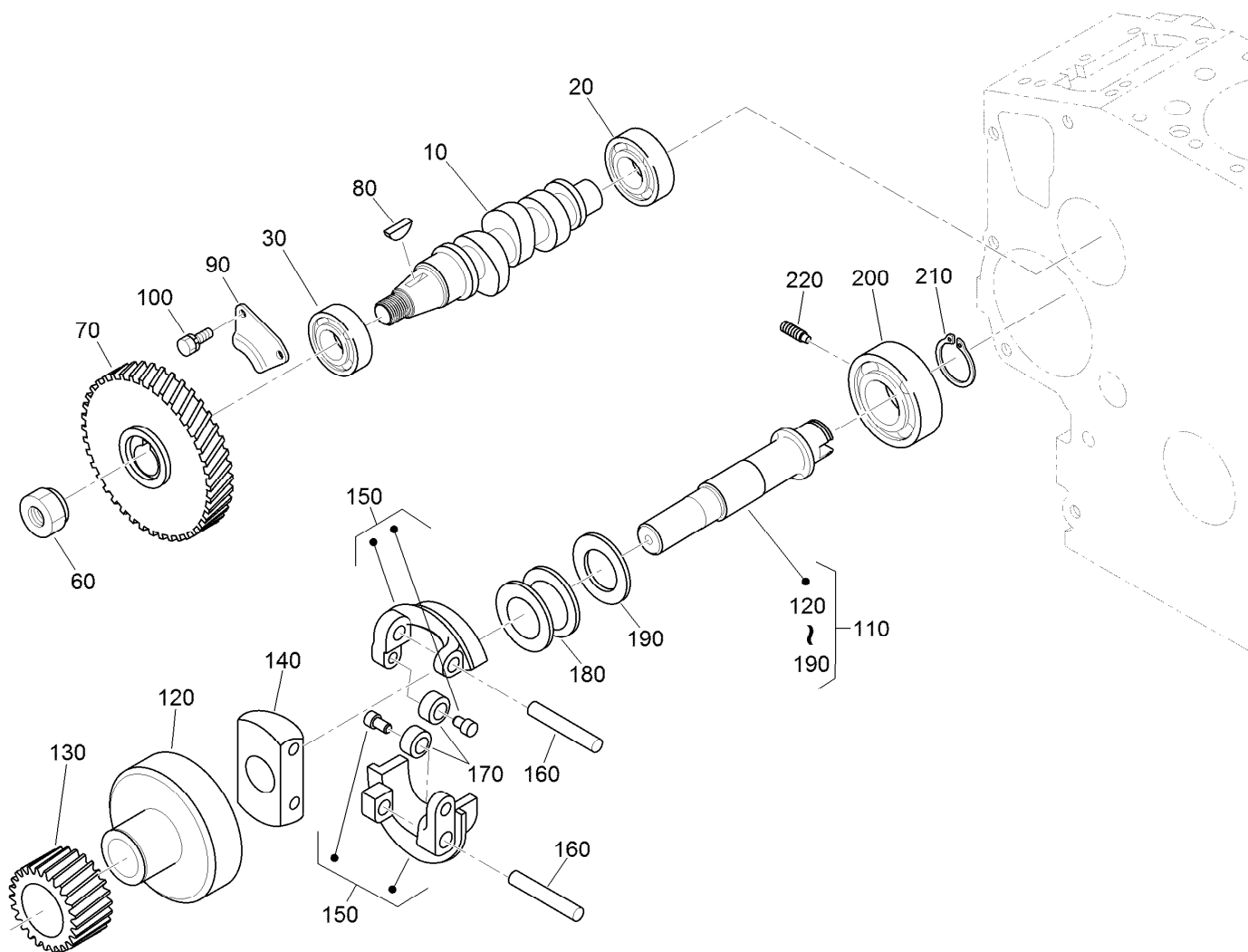
Ref.	Part Number	Qty.	Description
10	130-1546	3	Piston (STD)
10	130-1549	3	Piston (+0.50Mm)
20	130-1506	3	Piston Ring ASM (STD)
20	130-1507	3	Piston Ring ASM (+0.50Mm)
30	98-9513	3	Pin-Piston
40	98-9514	6	Circlip-Pin, Piston
50	117-7586	3	Connecting Rod ASM
60	115-3014	3	Bushing-Pin, Piston
70	98-9517	6	Bolt-Rod, Connecting
80	98-9553	3	Bearing-Rod (STD)
80	98-9519	3	Bearing-Rod (-0.2Mm)
80	117-7588	3	Metal-Crankpin (-0.4Mm)
90	132-4944	1	Crankshaft ASM
95	98-9522	1	Sleeve-Crankshaft
100	117-7561	1	Gear-Crankshaft
110	98-9666	1	Key
120	127-0445	1	Gear-Drive, Oil Pump

Ref.	Part Number	Qty.	Description
130	127-0444	1	Collar-Crankshaft
140	105-3783	1	O-Ring
150	117-8818	1	Metal-Crankshaft
150	117-8819	1	Metal-Crankshaft
150	117-8820	1	Metal-Crankshaft
160	98-9413	2	Bearing-Thrust (STD)
160	127-0416	2	Metal-Side (+0.2Mm)
160	127-0417	2	Metal-Side (+0.40Mm)
170	98-9688	2	Bearing-Thrust (STD)
170	127-0437	2	Metal-Side (+0.2Mm)
170	127-0438	2	Metal-Side (+0.40Mm)
180	130-1547	3	Piston Kit
180	130-1548	3	Piston Kit
190	117-8823	1	Engine Metal Kit
190	117-8824	1	Engine Metal Kit
190	117-8825	1	Engine Metal Kit



Flywheel Assembly

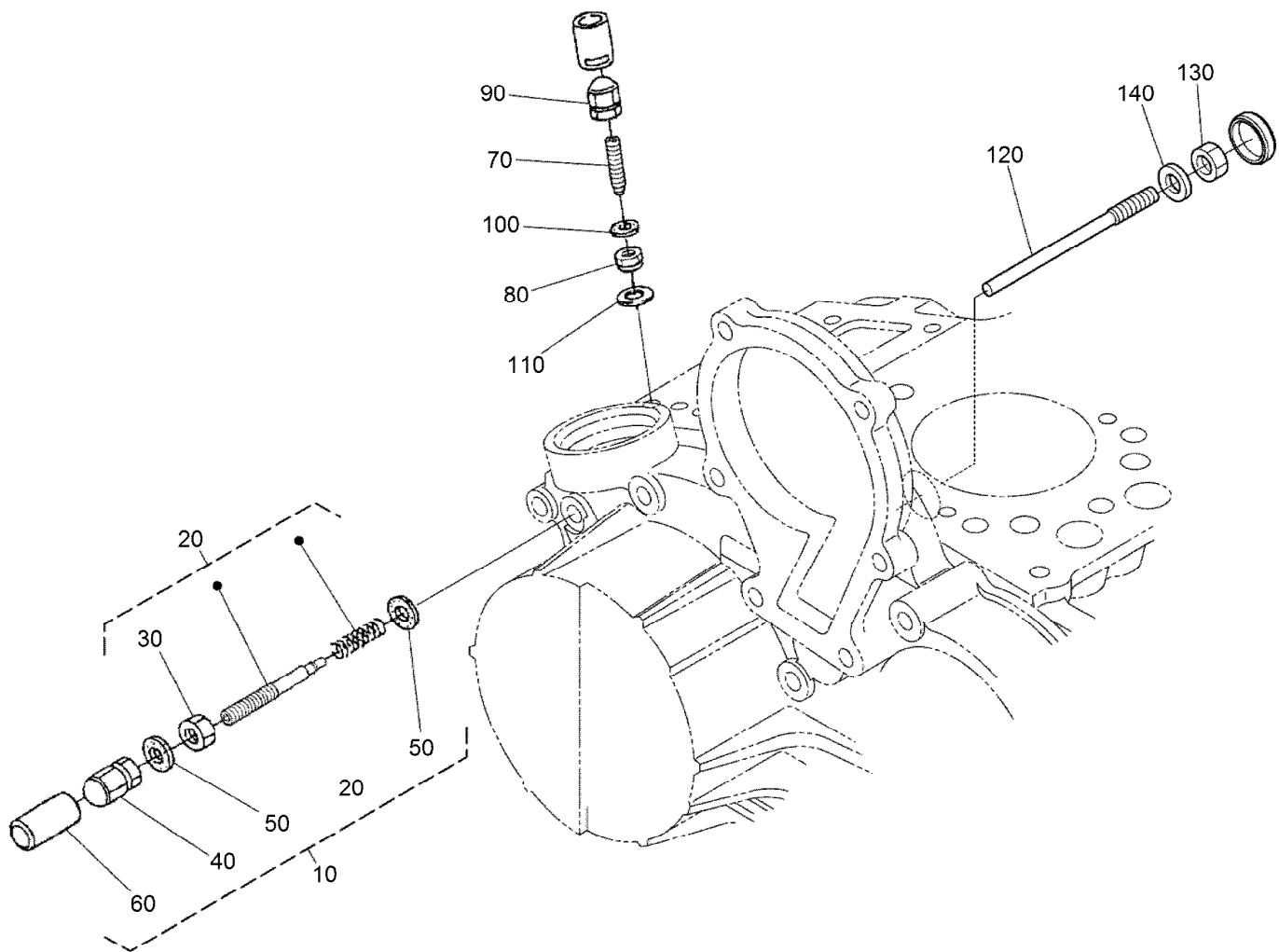
Ref.	Part Number	Qty.	Description
10	117-8826	1	Flywheel ASM
20	105-3722	1	Gear-Ring
30	98-9537	6	Bolt-Flywheel
40	98-9486	1	Plate-End, Rear
50	98-9392	8	Bolt



Fuel Camshaft and Governor Shaft Assembly

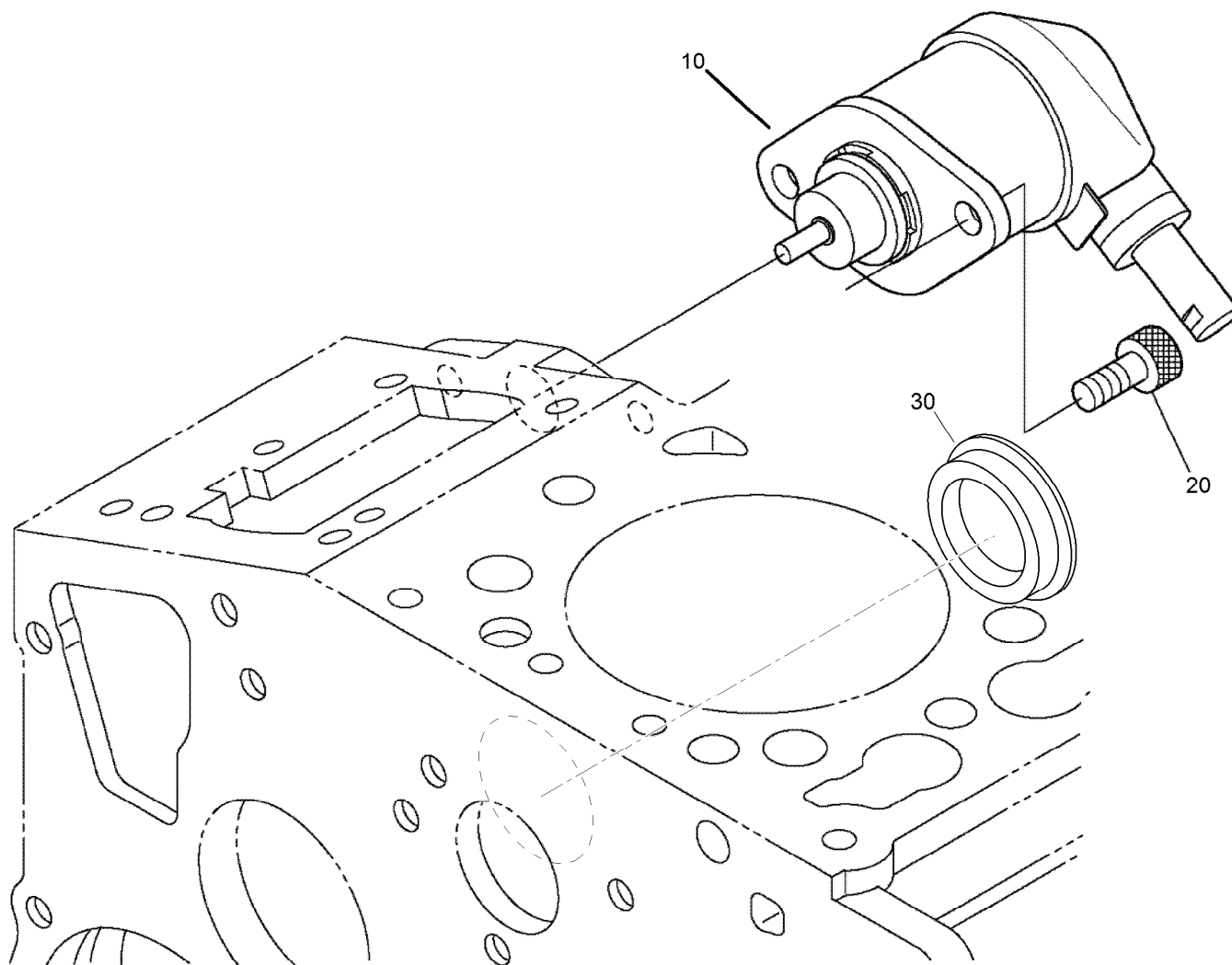
Ref.	Part Number	Qty.	Description
10	98-9459	1	Camshaft-Fuel
20	107-9077	1	Bearing-Ball
30	107-9078	1	Bearing-Ball
60	130-1512	1	Nut
70	130-1378	1	Gear-Injection Pump
80	98-9595	1	Key-Woodruff
90	98-9511	1	Stopper-Fuel, Camshaft
100	98-7692	2	Bolt
110	98-9644	1	Governor Shaft ASM
120	98-9562	1	Holder-Gear, Governor

Ref.	Part Number	Qty.	Description
130	98-9673	1	Gear-Governor
140	98-9561	1	Holder-Weight, Governor
150	130-1240	2	Governor Weight ASM
160	98-9560	2	Shaft-Weight, Governor
170	98-9692	2	Roller
180	98-9563	1	Sleeve-Governor
190	98-9564	1	Washer-Thrust
200	107-9079	1	Bearing-Ball
210	98-9657	1	Circlip-Shaft, Governor
220	98-9565	1	Screw-Set



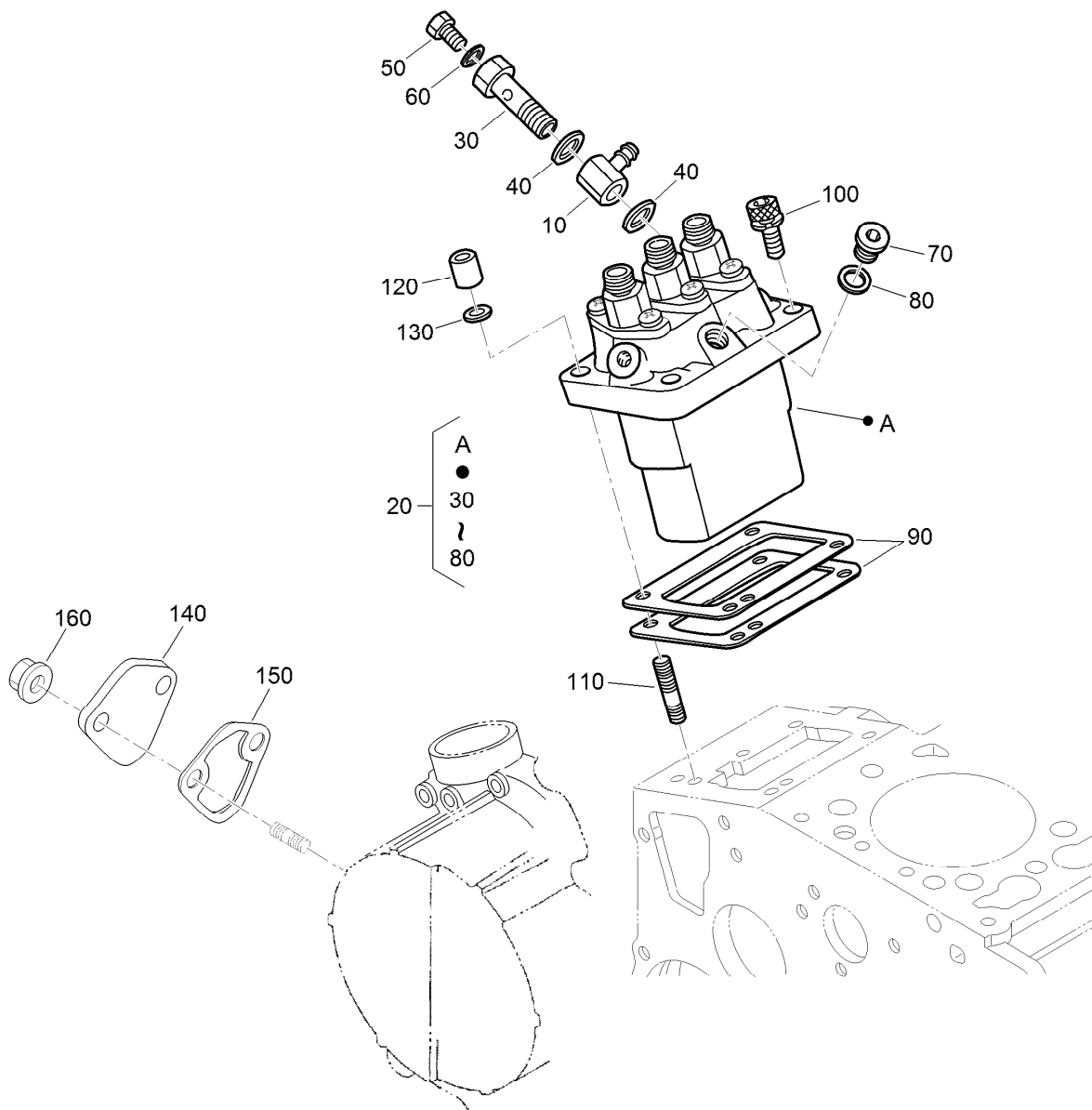
Idle Apparatus Assembly

Ref.	Part Number	Qty.	Description
10	132-4937	1	Apparatus-Idling
20	132-4938	1	Adjustment Bolt ASM
30	98-9439	1	Nut
40	112-0181	1	Nut
50	98-7654	2	Gasket
60	98-7656	1	Cap
70	112-7015	1	Bolt-Adjusting
80	100-2175	1	Nut-Lock
90	112-0181	1	Nut
100	98-7654	2	Gasket
110	107-9081	1	Gasket
120	131-6556	1	Bolt
130	98-7572	1	Nut
140	98-7654	1	Gasket



Stop Solenoid Assembly

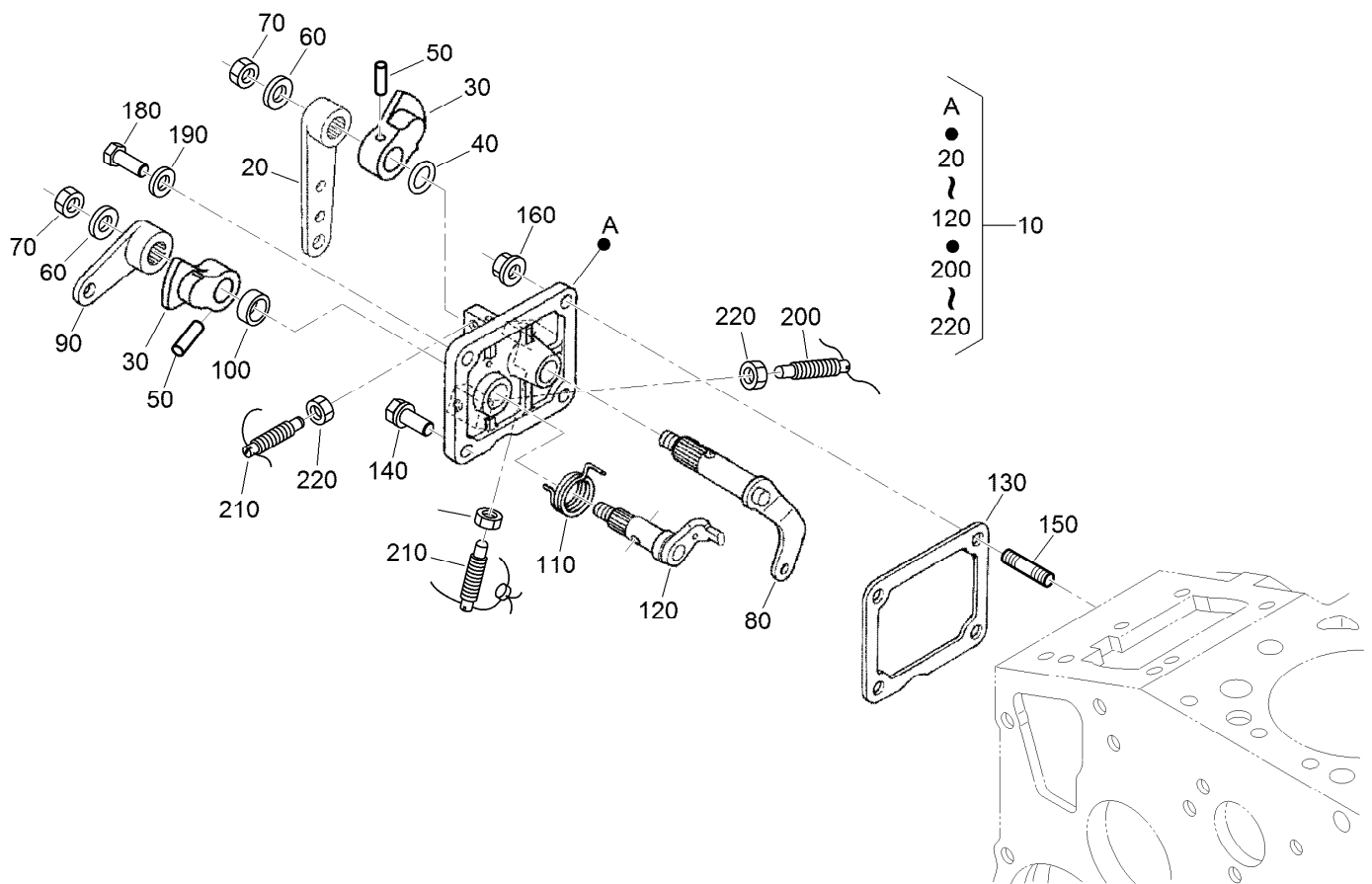
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	104-5155	1	Solenoid-Stop
20	130-1155	2	Screw-HSH
30	112-7016	1	Cover-Pump



Injection Pump Assembly

Ref.	Part Number	Qty.	Description
10	98-9596	1	Joint-Eye
20	98-9643	1	Injection Pump ASM
30	98-9464	1	Bolt-Joint
40	98-9445	2	Gasket
50	98-9430	1	Screw
60	98-9446	1	Gasket
70	98-9466	1	Plug
80	98-9451	1	Gasket
90	98-9456	1	Shim-Injection (0.20Mm)
90	98-9457	1	Shim-Injection (0.25Mm)

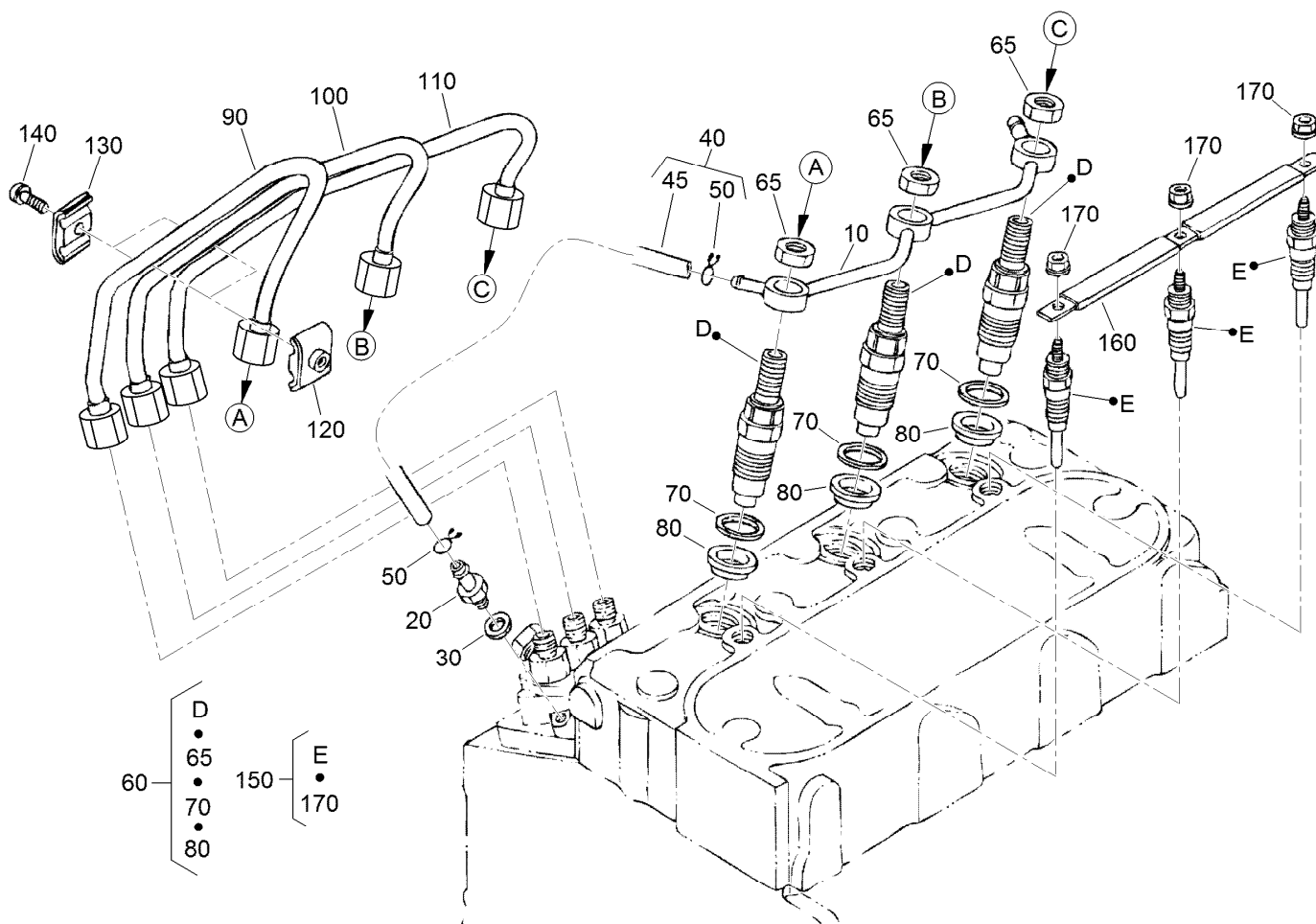
Ref.	Part Number	Qty.	Description
90	98-9458	1	Shim-Injection (0.30Mm)
90	115-3046	1	Shim-Injection (0.35Mm)
90	115-3045	1	Shim-Injection (0.175Mm)
100	117-7564	2	Bolt-Hex Soc HD
110	98-9438	2	Stud
120	98-9440	2	Nut-Cap
130	98-7699	2	Washer-Spring
140	99-3514	1	Cover
150	117-7562	1	Gasket-Pump, Fuel
160	100-2203	2	Nut-Flange



Speed Control Plate Assembly

Ref.	Part Number	Qty.	Description
10	98-9661	1	Control Plate ASM
20	98-9662	1	Lever-Control, Speed
30	98-9572	2	Lever-Control, Speed
40	105-3788	1	O-Ring
50	98-7602	2	Pin-Spring
60	98-9594	2	Washer-Plain
70	98-9589	2	Nut
80	98-9658	1	Governor Lever ASM
90	98-9663	1	Lever-Stop, Engine
100	98-7601	1	Seal-Oil
110	98-9472	1	Spring-Return

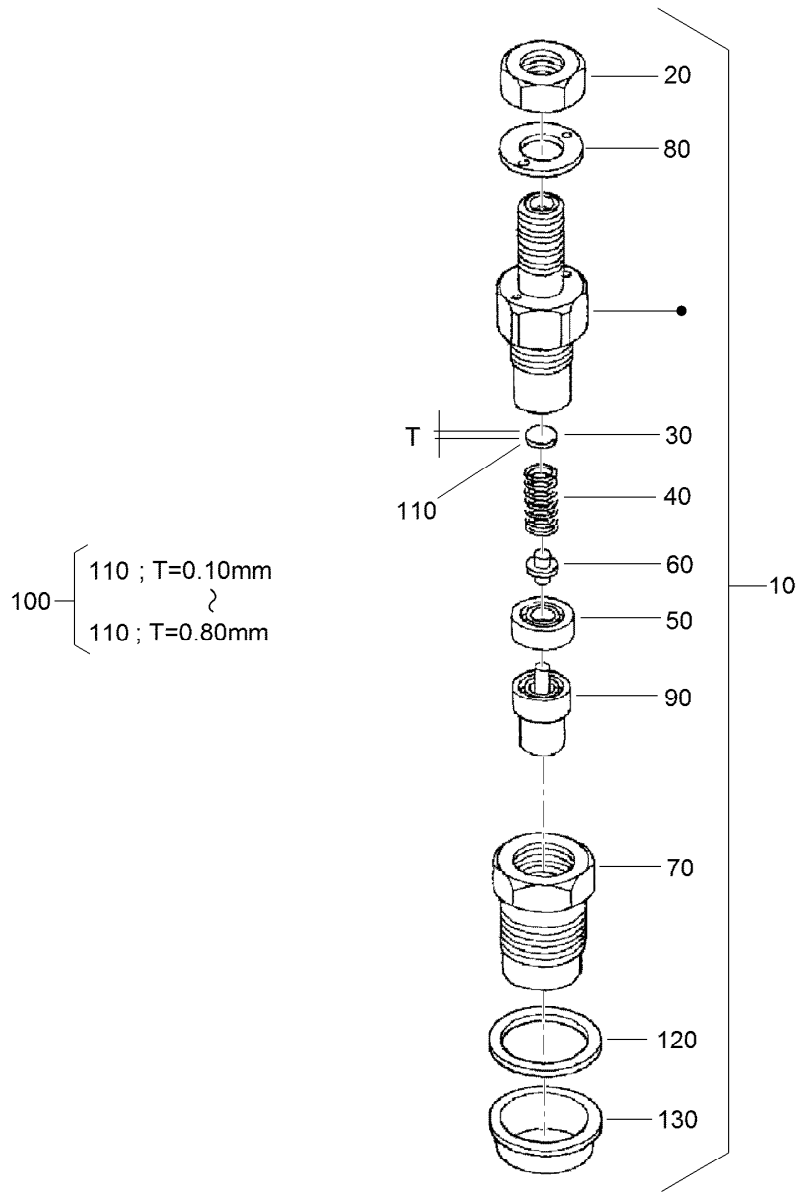
Ref.	Part Number	Qty.	Description
120	98-9664	1	Shaft-Lever, Stop
130	98-9637	1	Gasket
140	98-7692	1	Bolt
150	105-3710	2	Stud
160	100-2203	2	Nut-Flange
180	127-0401	1	Bolt-Hex
190	98-7654	1	Gasket
200	117-7566	1	Bolt-Adjusting
210	117-7565	2	Bolt-Adjusting
220	98-7572	3	Nut



Nozzle Holder and Glow Plug Assembly

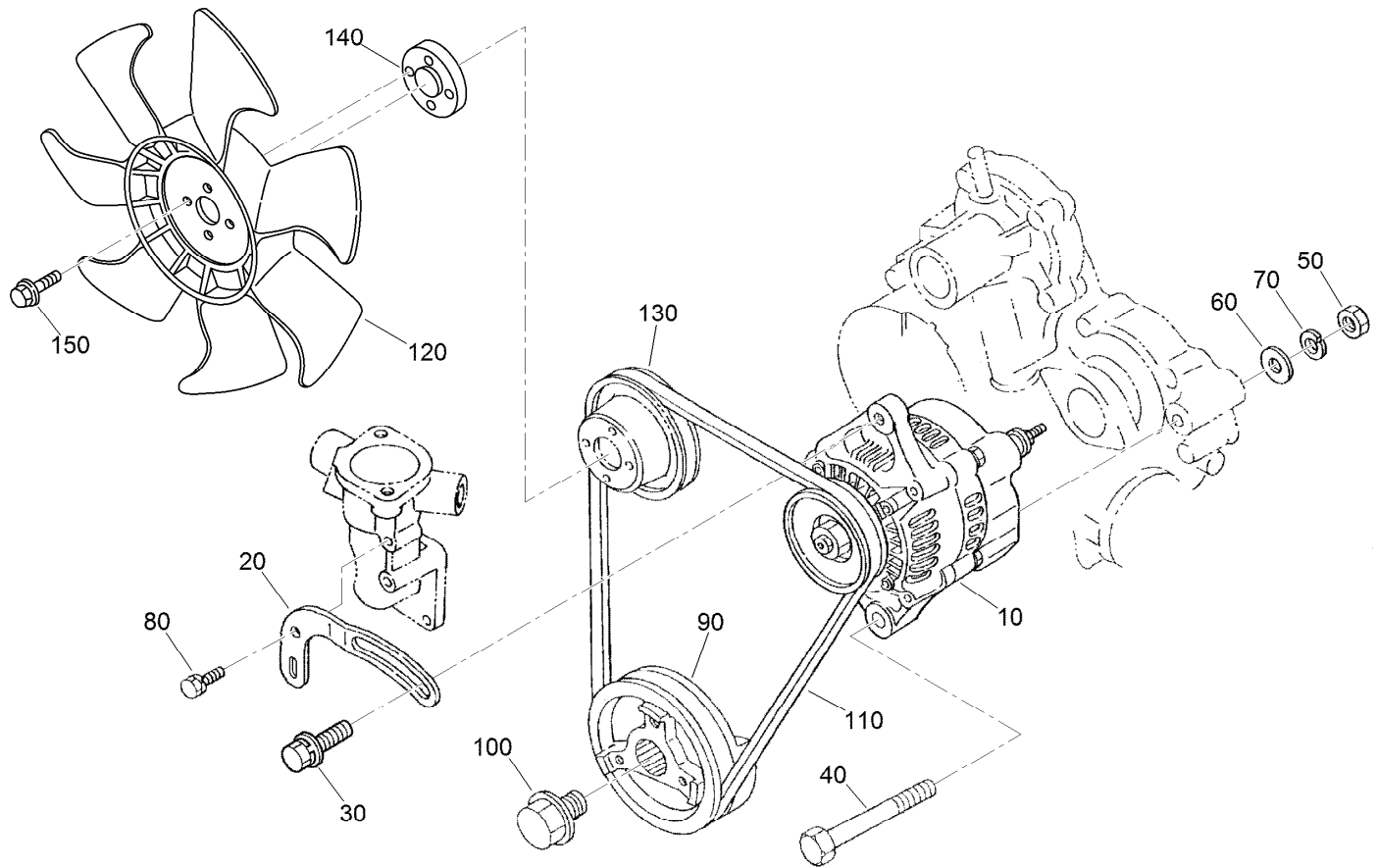
Ref.	Part Number	Qty.	Description
10	98-9620	1	Overflow Pipe ASM
20	98-9431	1	Screw-Bleeder, Air
30	98-7654	1	Gasket
40	98-9420	1	Overflow Pipe ASM
45	112-0182	1	Pipe-Overflow
50	98-7671	2	Clip-Pipe
60	115-3018	3	Nozzle Holder Kit
65	121-2411	3	Nut
70	98-7676	3	Gasket
80	98-7677	3	Seal-Heat

Ref.	Part Number	Qty.	Description
90	132-4945	1	Pipe Injection
100	132-4946	1	Pipe Injection
110	132-4947	1	Pipe Injection
120	98-7682	2	Clamp-Pipe
130	98-7683	2	Clamp-Pipe
140	98-7684	2	Screw (W/Washer)
150	130-1411	3	Plug-Glow
160	98-9631	1	Cord-Plug, Glow
170	99-8377	3	Nut-Flange



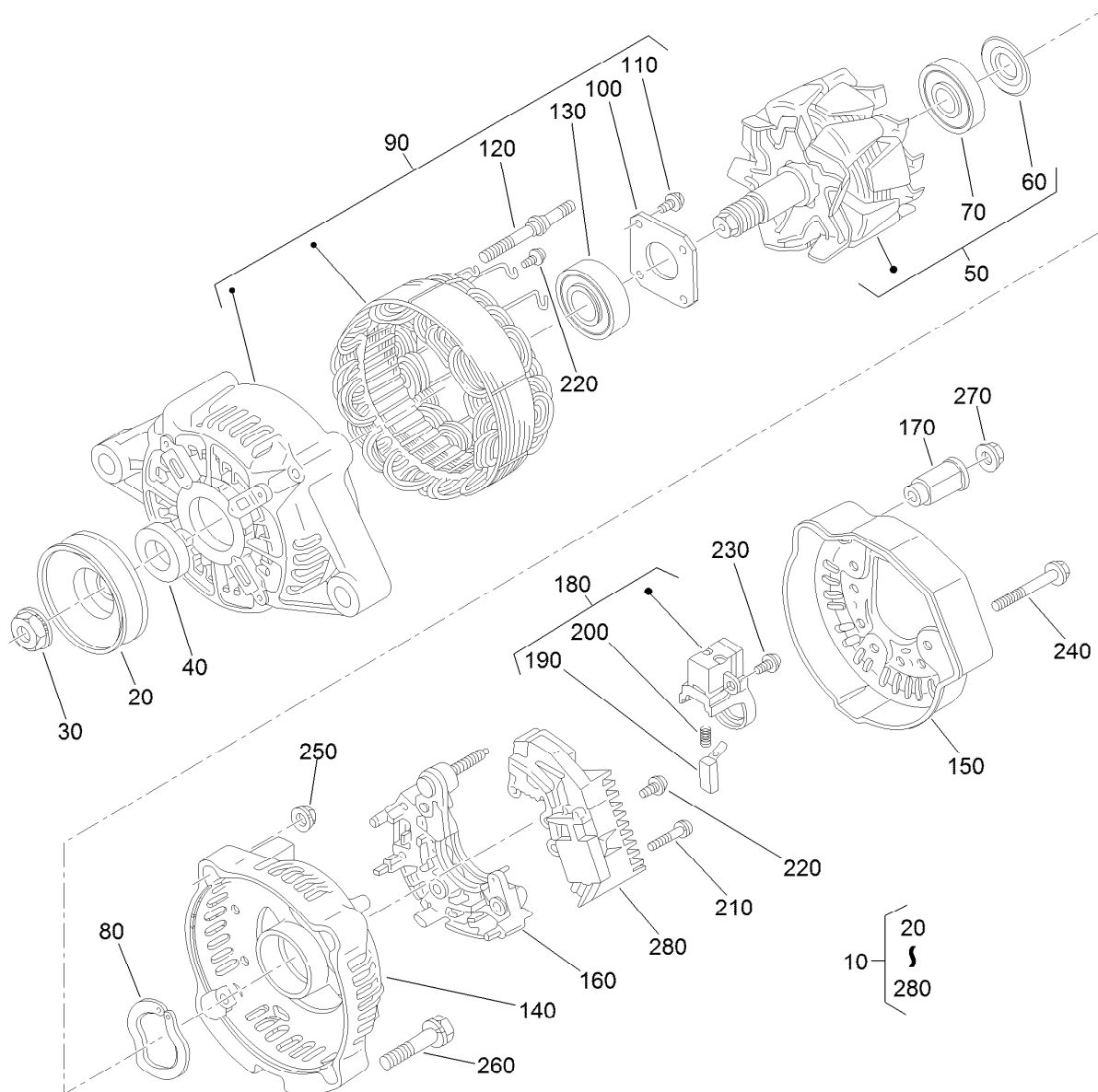
Nozzle Holder Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
10	115-3018	3	Nozzle Holder Kit	110	99-8311	3	Washer-Adjust (0.20Mm)
20	121-2411	3	Nut	110	99-8312	3	Washer-Adjust (0.30Mm)
30	99-8302	3	Washer-Adjusting	110	99-8313	3	Washer-Adjust (0.40Mm)
40	99-8303	3	Spring-Nozzle	110	99-8314	3	Washer-Adjust (0.50Mm)
50	99-8304	3	Spacer-Distance	110	99-8315	3	Washer-Adjust (0.52Mm)
60	99-8305	3	Rod-Push	110	99-8316	3	Washer-Adjust (0.54Mm)
70	99-8306	3	Nut-Nozzle	110	99-8317	3	Washer-Adjust (0.56Mm)
80	99-8307	3	Washer-Plain	110	99-8318	3	Washer-Adjust (0.58Mm)
90	115-3020	3	Piece-Nozzle	110	99-8319	3	Washer-Adjust (0.80Mm)
100	99-8309	3	Adjusting Washer ASM	120	98-7676	3	Gasket
110	99-8310	3	Washer-Adjust (0.10Mm)	130	98-7677	3	Seal-Heat



Alternator and Pulley Assembly

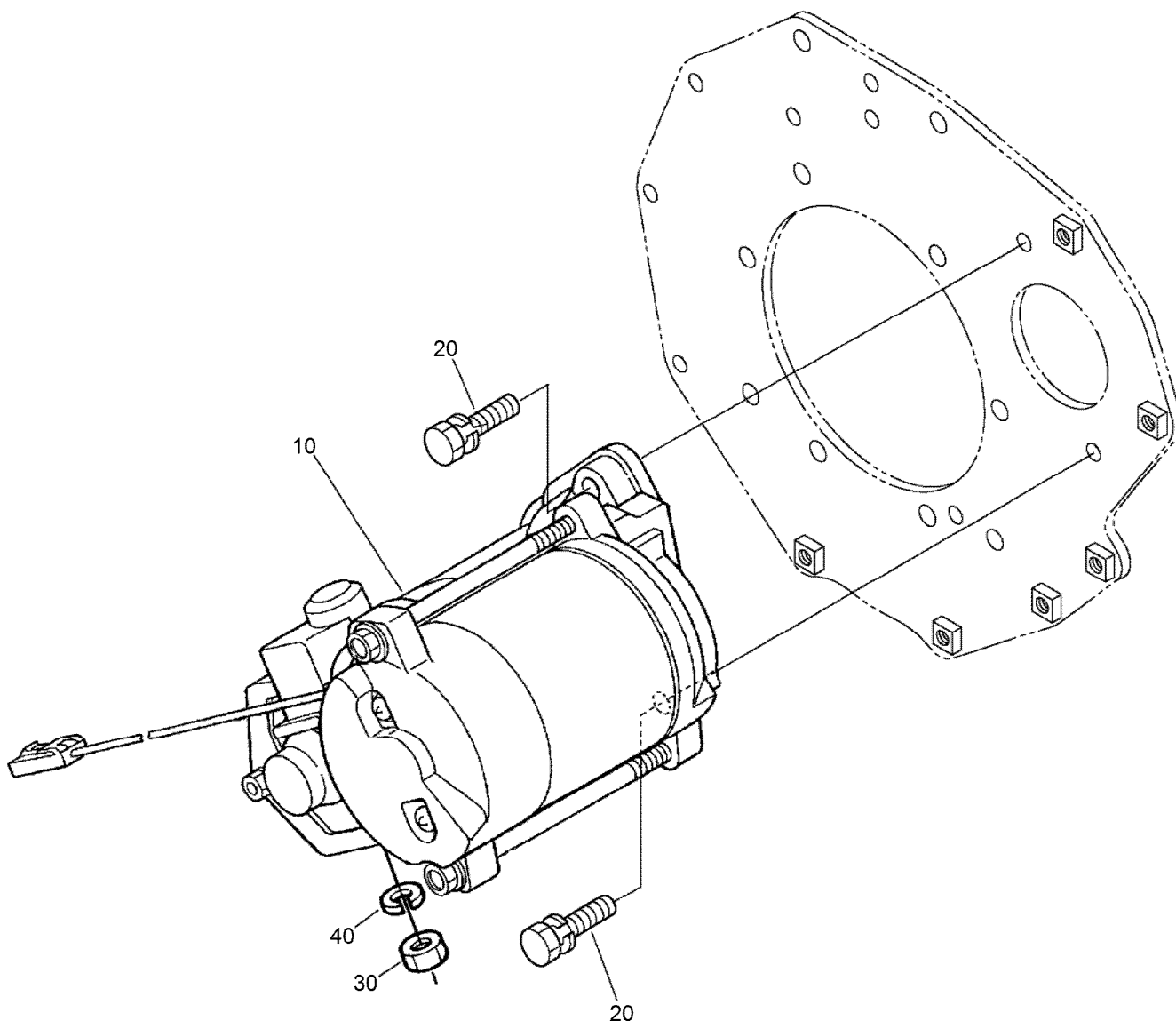
Ref.	Part Number	Qty.	Description
10	131-6557	1	Alternator ASM
20	112-7047	1	Stay-Dynamo
30	108-7088	1	Bolt
40	98-9360	1	Bolt
50	98-7737	1	Nut
60	98-9366	1	Washer-Plain
70	99-7527	1	Washer-Spring
80	98-7692	1	Bolt
90	117-8830	1	Pulley-Drive, Fan
100	98-9585	1	Bolt
110	98-9676	1	V-Belt
120	104-4246	1	Fan-Engine
130	98-9584	1	Pulley-Fan
140	104-4247	1	Spacer-Fan
150	108-2873	4	Bolt-Flange



Alternator Components Assembly

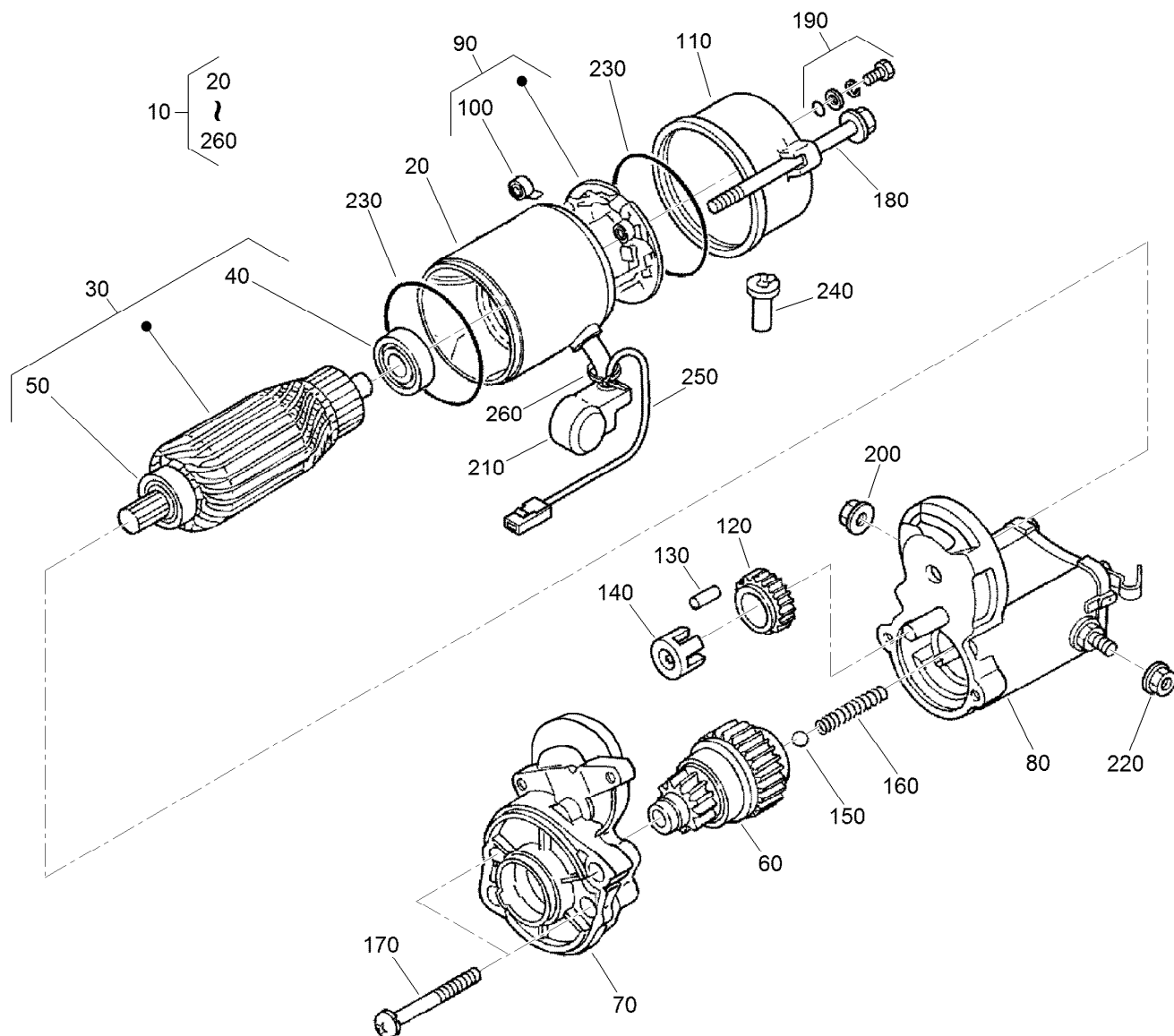
Ref.	Part Number	Qty.	Description
10	131-6557	1	Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	98-7709	1	Collar
50	107-0136	1	Rotor ASM
60	98-7711	1	Cover-Bearing
70	107-0138	1	Bearing-Ball
80	98-7713	1	Washer-Thrust
90	107-0139	1	Drive End Frame ASM
100	98-7715	1	Plate-Retainer
110	98-7716	4	Screw-Head, Round
120	98-7717	2	Bolt-Through
130	133-2811	1	Bearing
140	107-9087	1	Frame-End

Ref.	Part Number	Qty.	Description
150	107-0140	1	Cover-End
160	98-7721	1	Rectifier ASM
170	98-7722	1	Bushing-Insulation
180	107-0141	1	Brush Holder ASM
190	98-7724	2	Brush
200	98-7725	2	Spring-Brush
210	98-7726	2	Screw-Head, Round
220	98-7727	6	Screw-Head, Round
230	98-7728	1	Screw-Head, Round
240	98-7729	3	Bolt
250	98-7730	2	Nut
260	98-7731	2	Bolt
270	98-7732	1	Nut
280	110-3799	1	Regulator ASM



Starter Installation Assembly

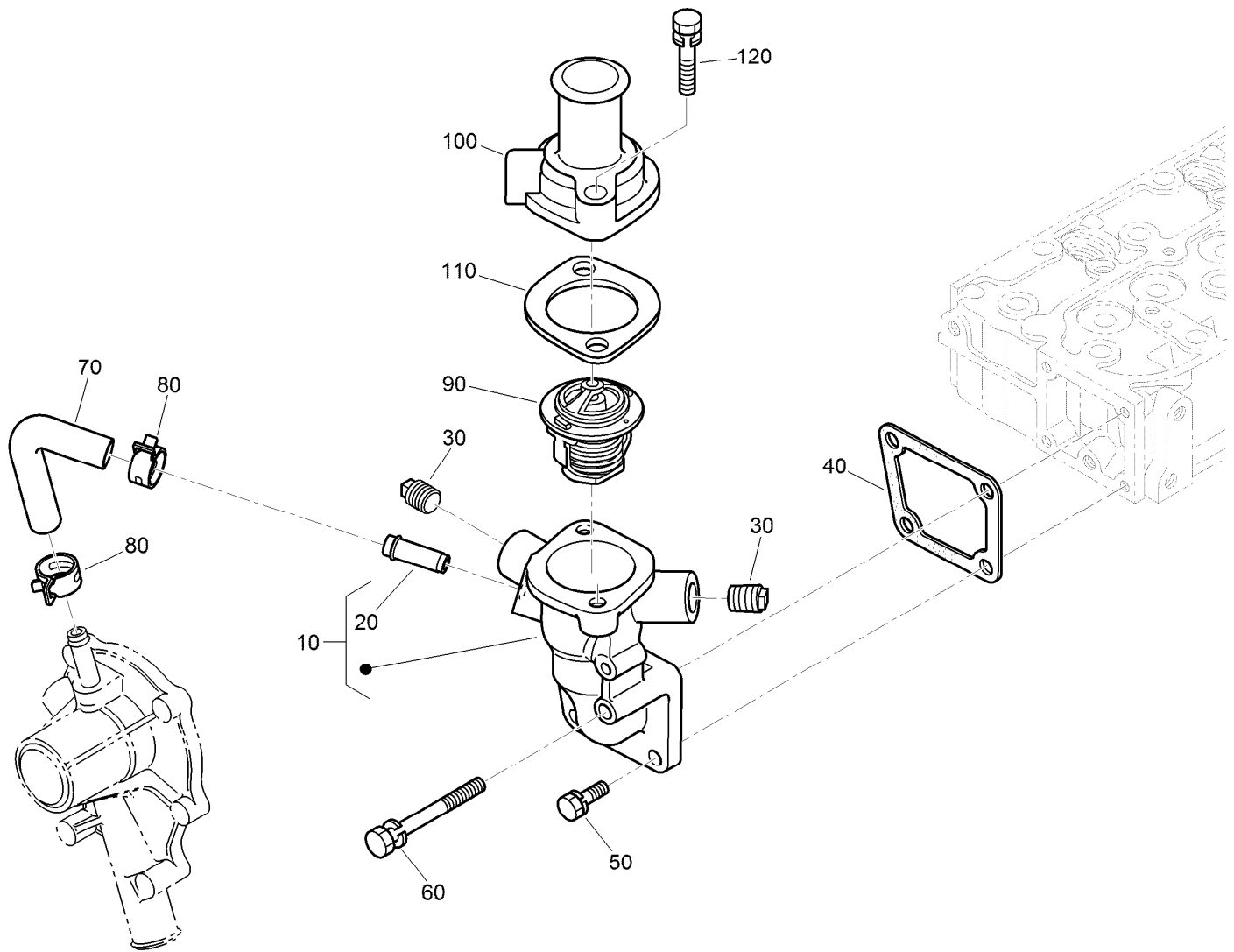
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	132-4948	1	Starter
20	98-7697	2	Bolt
30	98-7739	1	Nut
40	131-9579	1	Washer-Spring, Lock



Starter Component Assembly

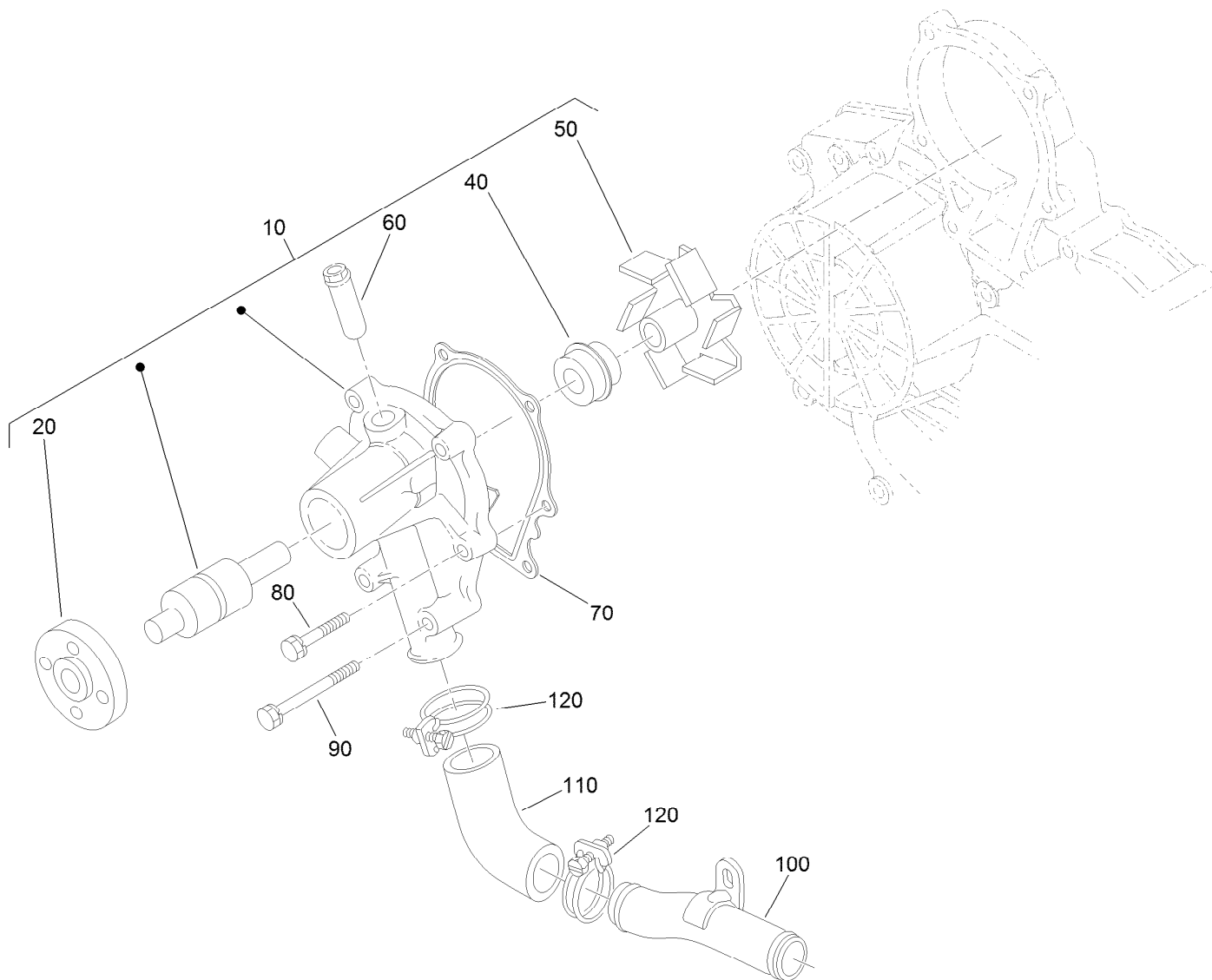
Ref.	Part Number	Qty.	Description
10	132-4948	1	Starter
20	132-4949	1	Yoke
30	132-4930	1	Armature
40	98-7743	1	Bearing
50	98-7744	1	Bearing
60	132-4934	1	Clutch ASM
70	132-4933	1	Housing ASM
80	105-3746	1	Magnetic Switch ASM
90	132-4932	1	Holder-Brush
100	132-4931	4	Spring-Brush
110	132-4935	1	Frame End ASM
120	98-7751	1	Gear
130	98-7753	5	Roller

Ref.	Part Number	Qty.	Description
140	98-7752	1	Retainer
150	98-7755	1	Ball
160	98-7754	1	Spring
170	98-7756	2	Bolt
180	100-2210	2	Bolt-Through
190	98-7758	2	Bolt ASM
200	99-8376	1	Nut-Hex
210	99-8375	1	Cover
220	99-8371	1	Nut-Hex
230	98-7757	2	O-Ring
240	98-7759	1	Pipe-Drain
250	98-9711	1	Cord-Solenoid, Stop
260	98-9712	1	Band-Cover



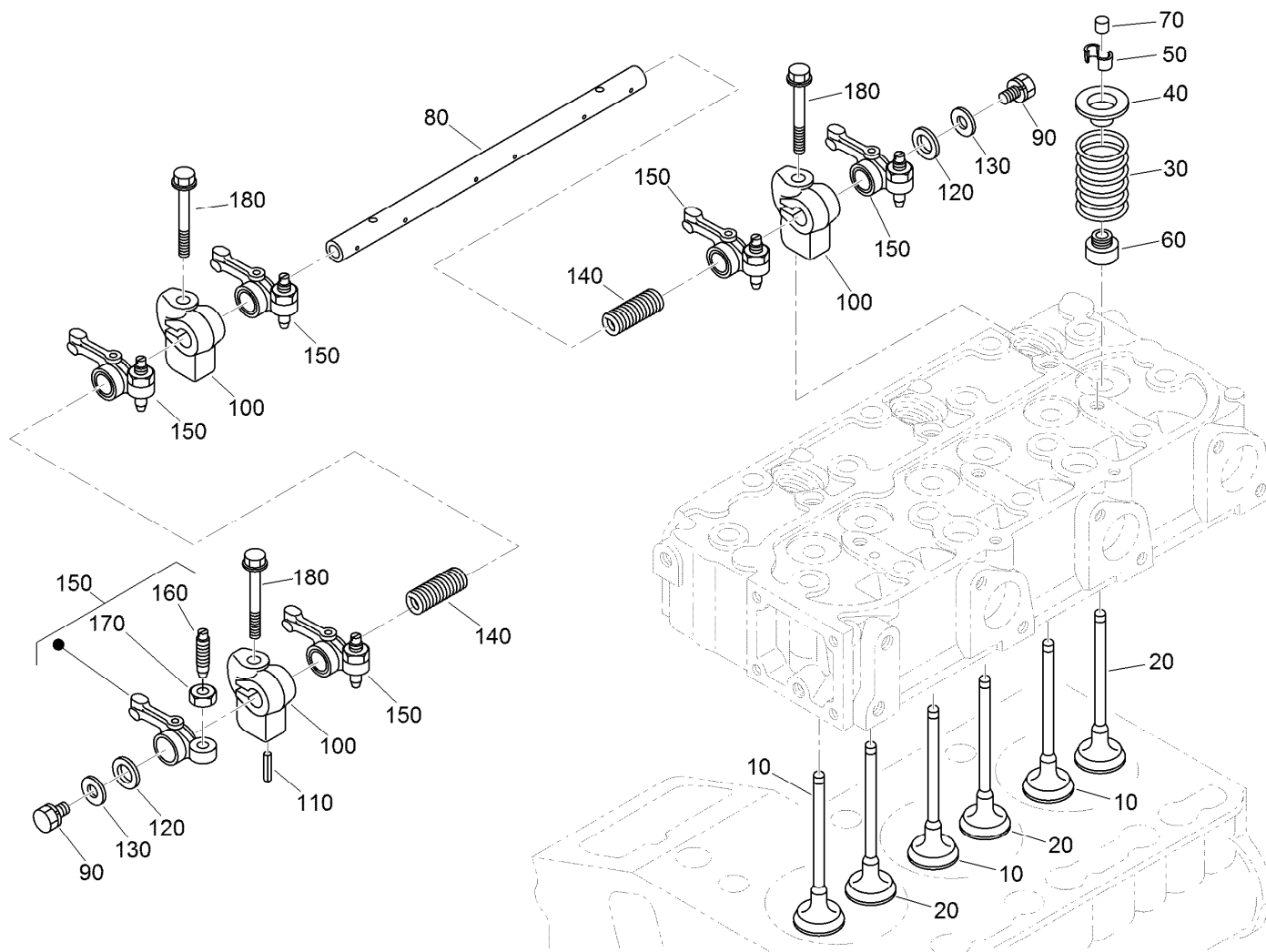
Water Flange and Thermostat Assembly

Ref.	Part Number	Qty.	Description
10	132-4943	1	Water Flange ASM
20	98-9580	1	Pipe-Return, Water
30	110-3821	2	Plug
40	98-9638	1	Gasket-Flange, Water
50	98-7692	3	Bolt
60	98-9356	1	Bolt
70	98-9578	1	Pipe-Return, Water
80	125-9078	2	Clamp-Hose
90	98-7778	1	Thermostat ASM
100	98-9471	1	Cover-Thermostat
110	105-3748	1	Gasket-Thermostat
120	98-7777	2	Bolt



Water Pump Assembly

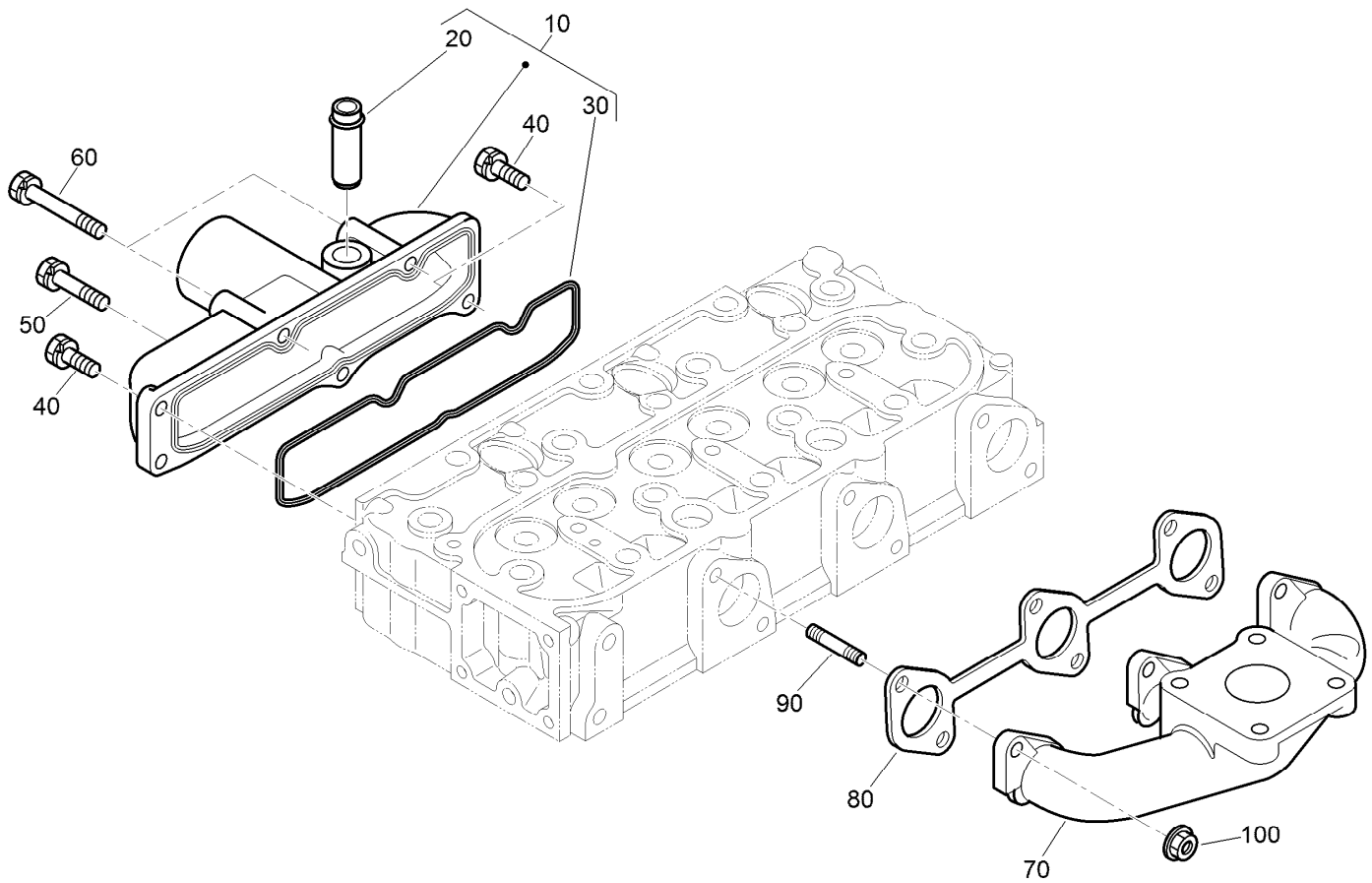
Ref.	Part Number	Qty.	Description
10	107-9089	1	Water Pump ASM
20	99-3516	1	Flange-Pump, Water
40	105-3750	1	Mechanical Seal ASM
50	112-7017	1	Impeller-Pump, Water
60	100-1932	1	Pipe-Return, Water
70	99-3454	1	Gasket-Pump, Water
80	98-9353	4	Bolt
90	107-9090	4	Bolt
100	98-9716	1	Pipe-Water
110	107-9091	1	Pipe-Water
120	127-0439	2	Clamp-Hose



Valve and Rocker Arm Assembly

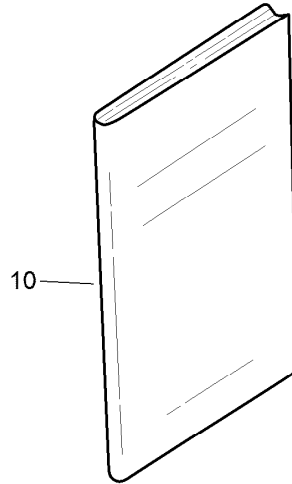
Ref.	Part Number	Qty.	Description
10	112-7018	3	Valve-Inlet
20	120-2564	3	Valve-Exhaust
30	98-9648	6	Spring-Valve
40	107-9092	6	Retainer-Spring
50	98-9390	6	Collet-Spring, Valve
60	99-8385	6	Seal-Stem, Valve
70	98-9497	6	Cap-Valve
80	130-1248	1	Shaft-Arm, Rocker
90	108-2873	2	Bolt-Flange

Ref.	Part Number	Qty.	Description
100	98-9505	3	Bracket-Arm, Rocker
110	105-3758	1	Pin-Spring
120	98-9507	2	Washer-Shaft, Rocker Arm
130	110-3832	2	Washer-Plain
140	98-9504	2	Spring-Arm, Rocker
150	112-7020	6	Rocker Arm ASM
160	98-9502	6	Screw-Adjusting
170	98-9503	6	Nut
180	117-8832	3	Bolt



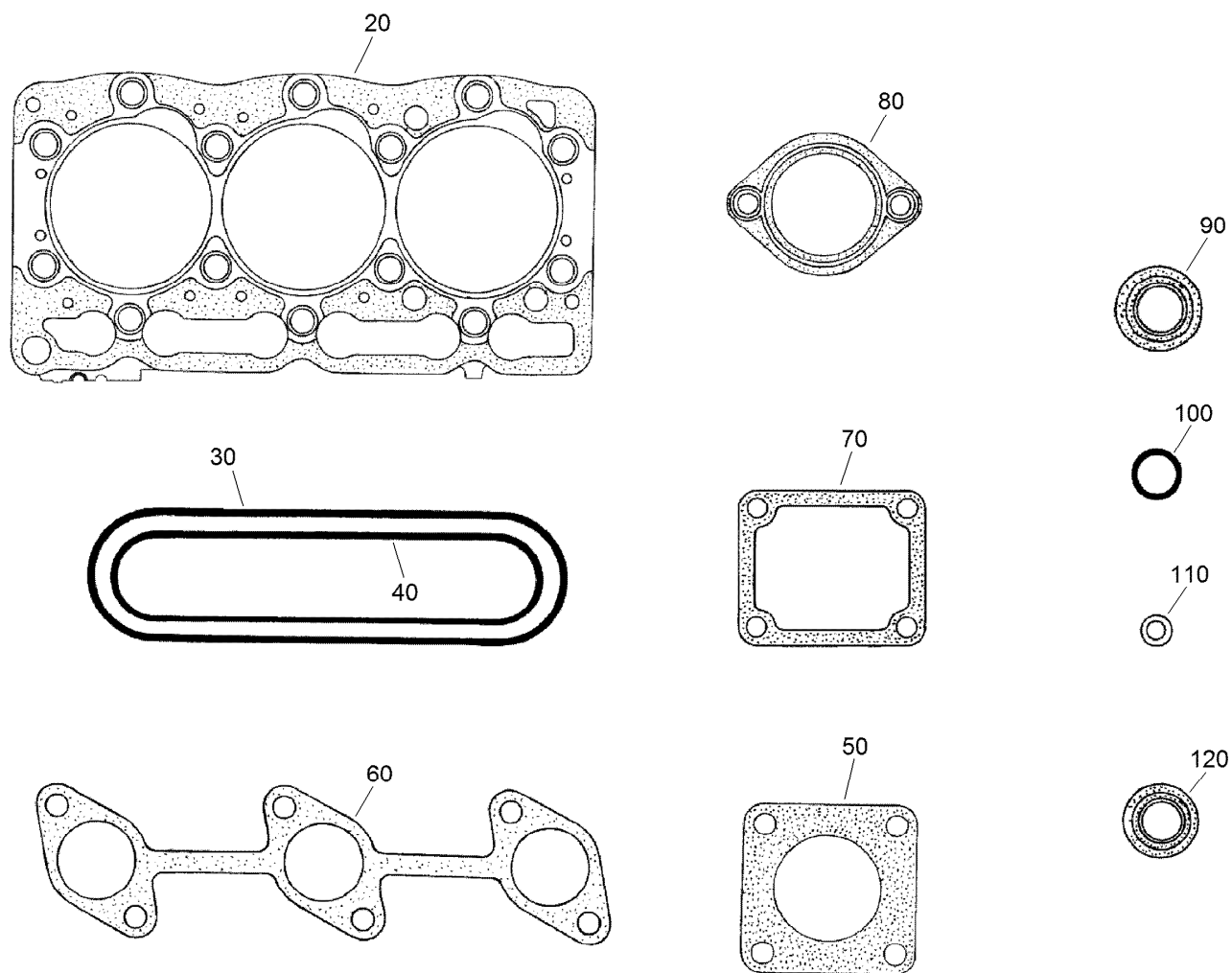
Inlet and Exhaust Manifold Assembly

Ref.	Part Number	Qty.	Description
10	108-6577	1	Inlet Manifold ASM
20	98-9492	1	Joint-Pipe, Breather
30	98-9609	1	Gasket-Manifold, Inlet
40	127-0403	3	Bolt-Flange
50	98-9353	1	Bolt
60	105-3797	2	Bolt
70	117-8847	1	Manifold-Exhaust
80	99-8327	1	Gasket-Manifold, Exhaust
90	98-9588	6	Stud
100	98-9665	6	Nut



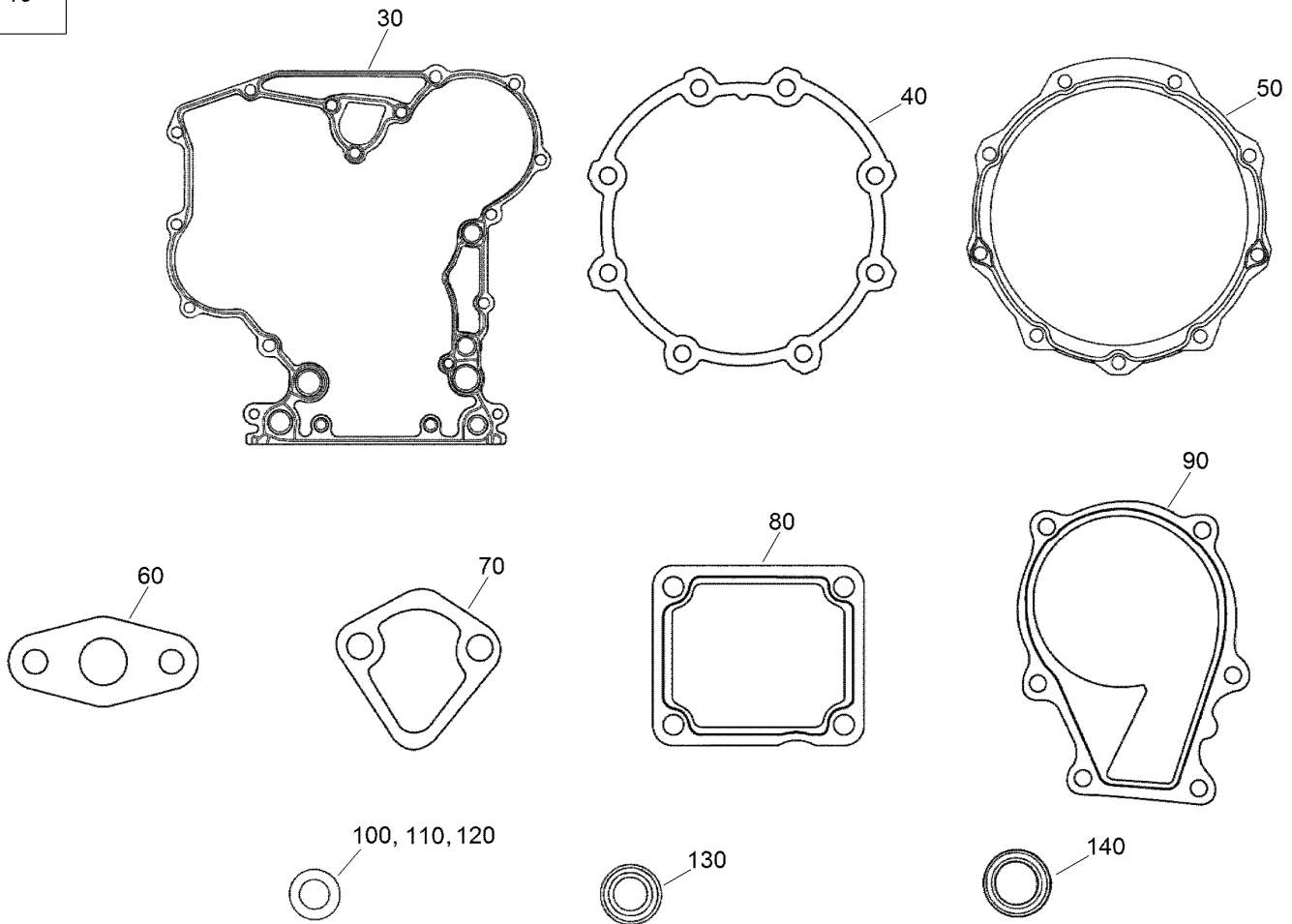
Accessories and Service Parts

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	130-1543	1	Manual-Operator



Upper Gasket Kit

Ref.	Part Number	Qty.	Description
10	117-8833	1	Upper Gasket Kit
20	108-6573	1	Gasket-Head, Cylinder
30	117-8806	1	Gasket-Cover, Head
40	98-9609	1	Gasket-Manifold, Inlet
50	99-8343	1	Gasket-Muffler
60	99-8327	1	Gasket-Manifold, Exhaust
70	98-9638	1	Gasket-Flange, Water
80	105-3748	1	Gasket-Thermostat
90	98-7677	3	Seal-Heat
100	99-3446	2	O-Ring
110	98-7676	3	Gasket
120	99-8385	6	Seal-Stem, Valve



Lower Gasket Kit

Ref.	Part Number	Qty.	Description
10	117-8834	1	Lower Gasket Kit
30	117-8835	1	Gasket-Case, Gear
40	131-6554	1	Gasket-Case, Bearing
50	112-7037	1	Gasket-Cover, Case
60	98-9682	1	Gasket
70	117-7562	1	Gasket-Pump, Fuel
80	98-9637	1	Gasket
90	99-3454	1	Gasket-Pump, Water
100	98-7654	6	Gasket
110	98-7524	1	Gasket
120	110-9715	1	Gasket-Pan, Oil
130	98-9482	1	Seal-Oil
140	112-0180	1	Seal-Oil

Attachments and Accessories

For 22328 TX 1000 Wide Track Compact Tool Carrier

Product Name	Model/Part
Light Kit.....	131-9247
50 Hour Filter Kit.....	136-4770
200 Hour Filter Kit.....	136-4771
Standard Bucket.....	22340
Adjustable Forks.....	22341
High Volume Bucket.....	22342
Loose Materials Bucket.....	22410
48in Hydraulic Blade.....	22414
Bore Drive Head.....	22420
Rod and Reamer.....	22421
Multi-Purpose Tool.....	22423
Direct Drive Power Box Rake.....	22426
Stump Grinder.....	22429
Tree Forks.....	22438
Cement Bowl.....	22442
40in Tiller.....	22445
Snowthrower.....	22456
Crumber Kit.....	22464
Trench Filler.....	22472
High-Torque Trencher Head.....	22473
High-Speed Trencher Head.....	22474
Narrow Bucket.....	22520
Grapple Rake.....	22521
Auger Head.....	22805
Universal Swivel Auger Head.....	22806
18in Auger Bit.....	22814
24in Auger Bit.....	22815
30in Auger Bit.....	22816
12in Auger Bit Extension.....	22818
24in Auger Bit Extension.....	22819
6in Full-Flight Auger Bit.....	22820
9in Full-Flight Auger Bit.....	22821
12in Full-Flight Auger Bit.....	22822
15in Full-Flight Auger Bit.....	22823
Vibratory Plow.....	22911
Soil Cultivator.....	23102
Low Flow Auxiliary Kit.....	23134
Concrete Breaker.....	23135
Leveler.....	23165
Double Detent Valve.....	23171
Stump Grinder Fit-Up Kit.....	23172

Notes:

Notes:



Count on it.