Form No. 3451-250 Rev F

TORO®

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Parts Catalog

TX 1000

Compact Tool Carrier

22327—411510000

www.Toro.com.

CE

3451-250 F

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.

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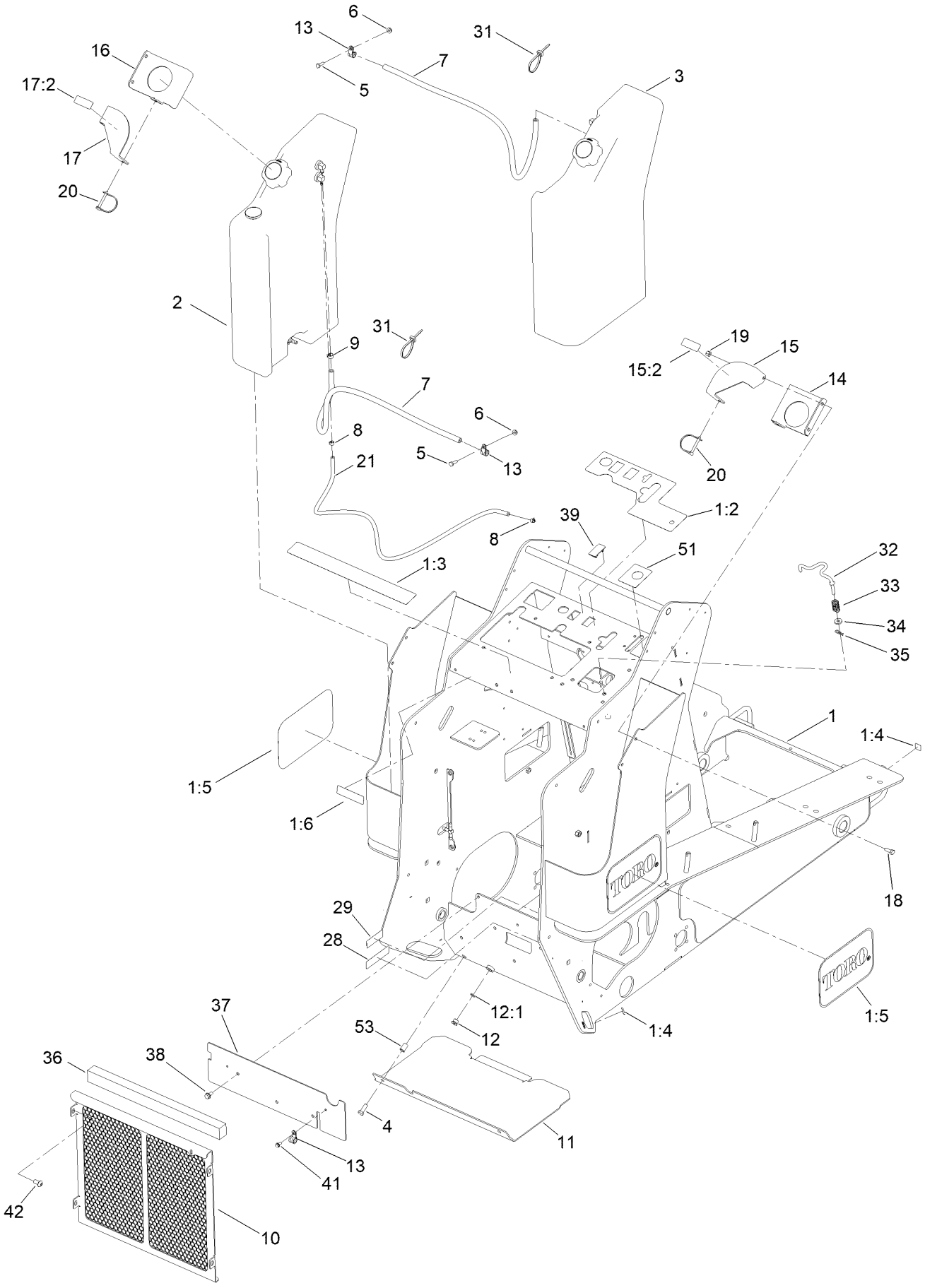
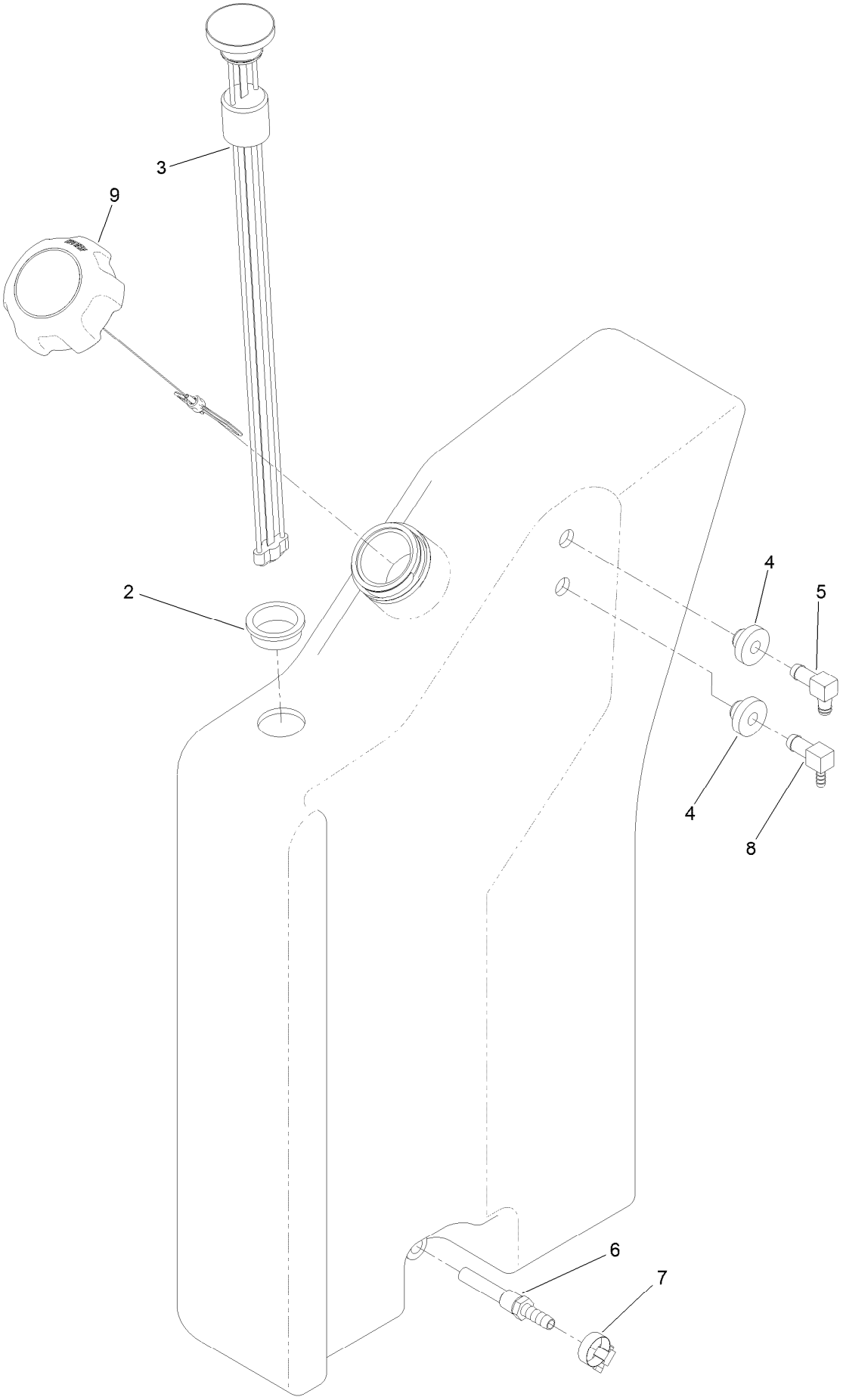
Frame Assembly



Frame Assembly (continued)

Ref.	Part Number	Qty.	Description
1	144-7379	1	Tx1000 Frame ASM (Service)
1:2	138-0828	1	Decal-Control Panel
1:3	145-0637	1	Decal-Safety
1:4	93-9084	4	Decal-Point, Lift
1:5	66-6140	2	Decal
1:6	115-4865	1	Decal-Fill, Radiator
2	130-1026	1	LH Fuel Tank ASM
3	130-1027	1	RH Fuel Tank ASM
4	323-6	2	Screw-HH
5	321-5	2	Screw-HH
6	32128-33	2	Nut-HF
7	110-6186	2	Hose-Fuel
8	2412-80	2	Clamp-Hose
9	92-2379	2	Clamp-Hose
10	145-3756-03	1	Screen ASM
11	130-0995-01	1	Cover-Bottom
12	353-989	1	Plug-Hex, Hollow
12:1	237-42	1	O-Ring
13	2412-134	4	Clamp-R
14	130-1104-03	1	Plate-Hold Down, RH
15	130-5317	1	Plate-Lock, Fuel Cap, RH
15:2	93-6680	1	Decal-Diesel
16	130-1134-03	1	Plate-Hold Down, LH
17	130-5316	1	Plate-Lock, Fuel Cap, LH
17:2	93-6680	1	Decal-Diesel
18	322-4	4	Screw-HH
19	3296-29	4	Nut-Lock, NI
20	100-1663	2	Pin-Hitch
21	130-7714	1	Hose-Fuel
28	133-8062	1	Decal-Spark Arrestor
29	144-7390	1	Decal - Regulatory CE Decal
31	3290-378	2	Tie-Cable
32	131-0713	1	Rod-Interlock
33	85-6750	1	Spring-Control
34	88-7200	1	Washer-Flat
35	3290-307	1	Pin-Cotter
36	131-9175	1	Seal-Foam
37	145-3757-01	1	Panel, Frame
38	32144-14	3	Screw-HWHTF
39	99-7420	1	Plug-Hole
41	32144-4	2	Screw-HWH
42	3274-80	4	Screw-HH
51	137-9030	1	Decal-Ignition Switch
53	32148-10	2	Nut-Clinch

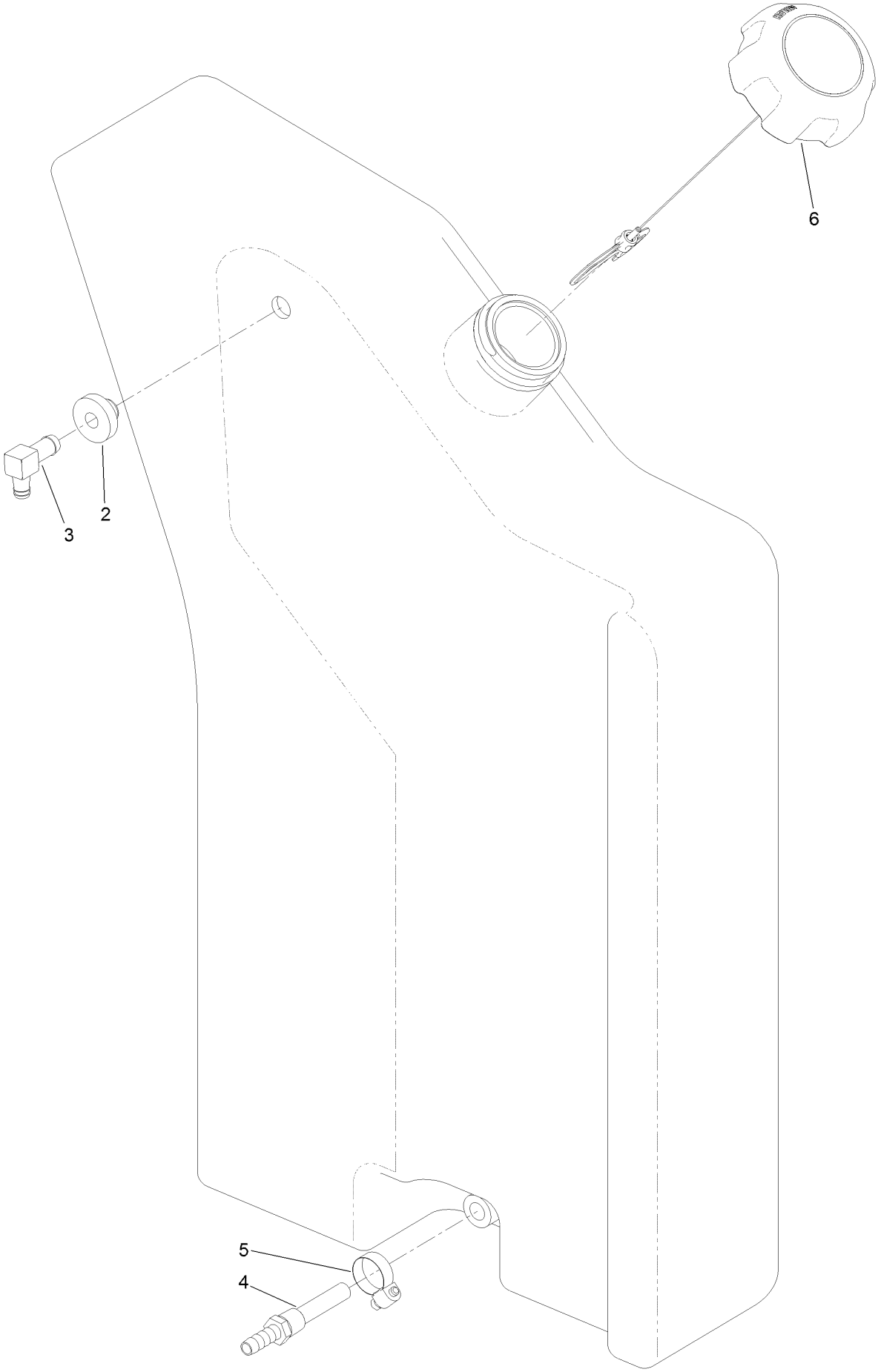
LH Fuel Tank Assembly No. 130-1026



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

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

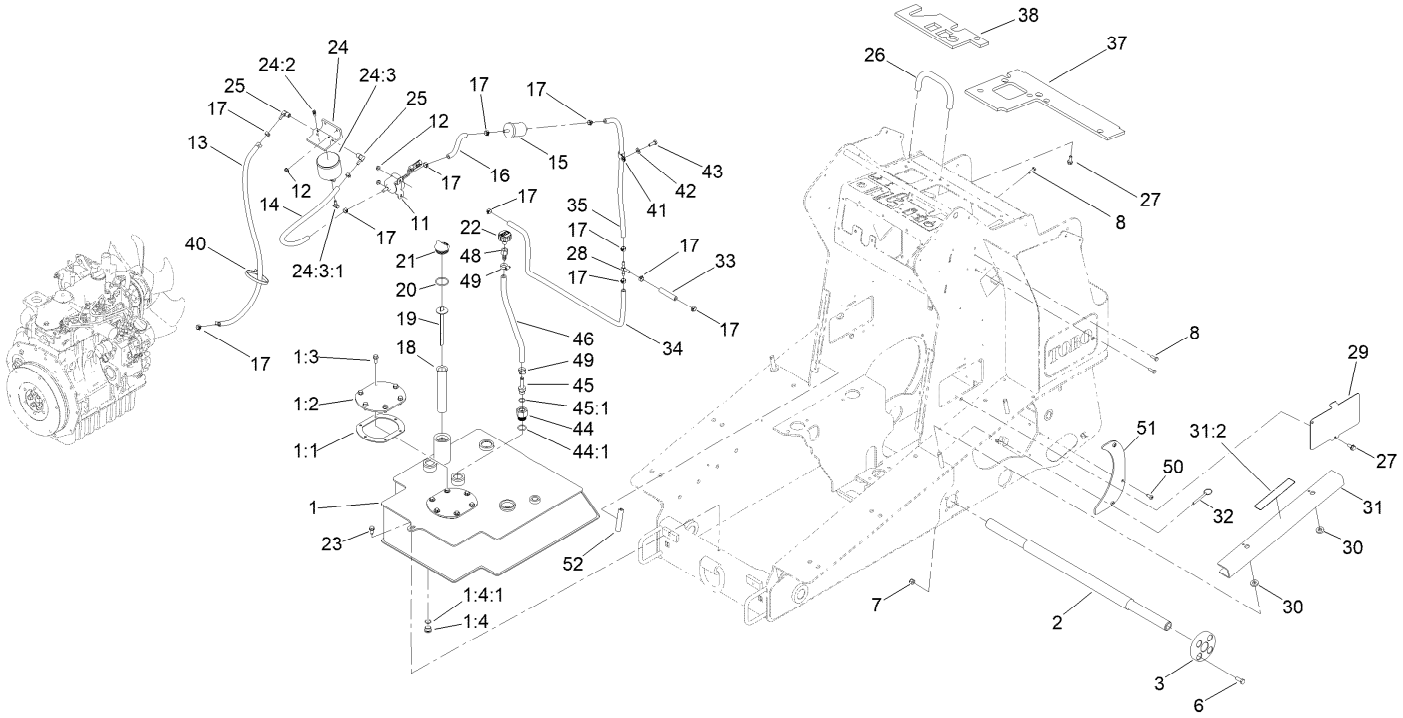
RH Fuel Tank Assembly No. 130-1027



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

Ref.	Part Number	Qty.	Description
2	46-6560	1	Bushing
3	1-643259	1	Fitting-Elbow
4	112-6374	1	Fitting-Strainer
5	2412-36	1	Clamp-Hose
6	130-7567	1	Cap-Diesel,

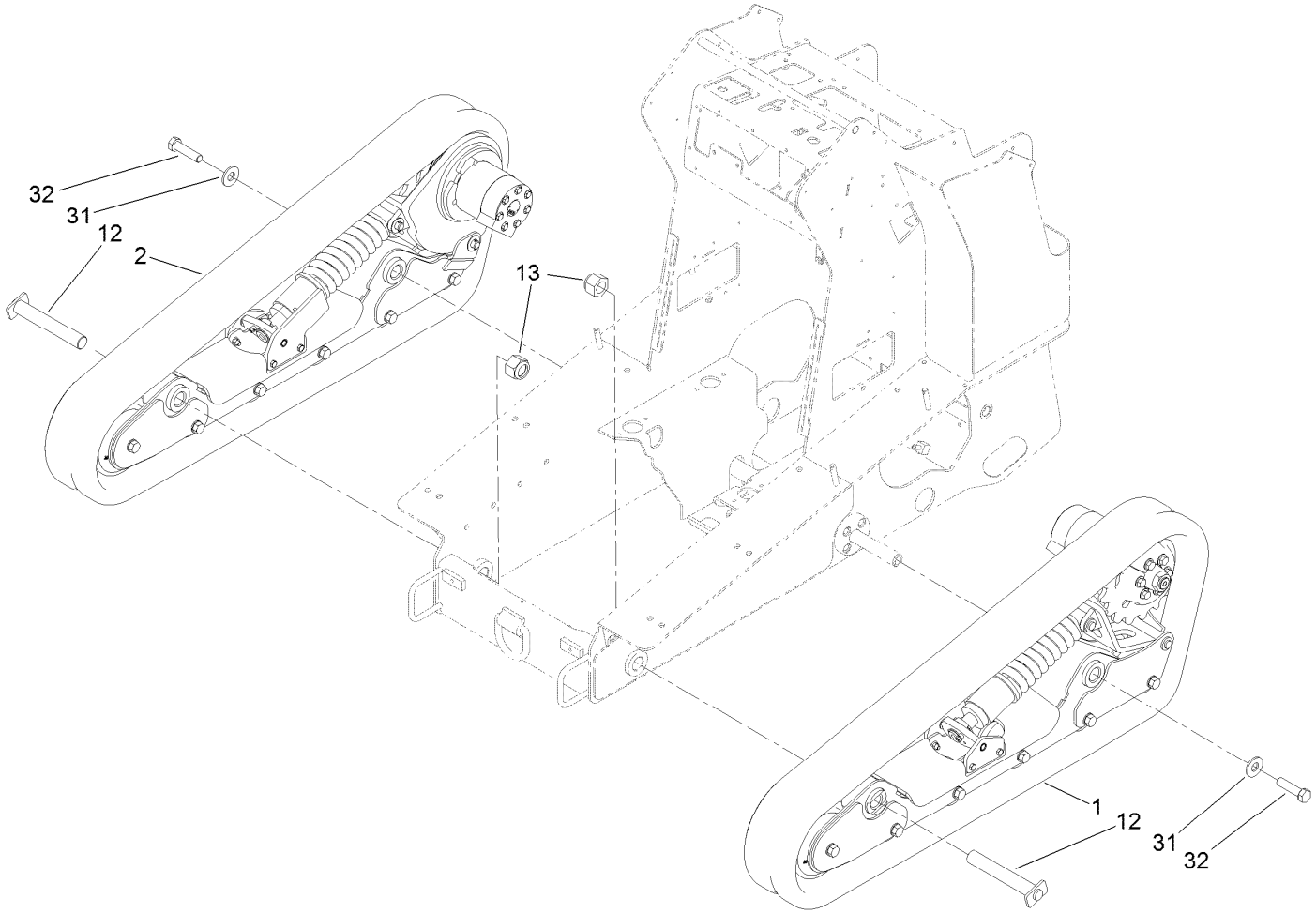
Hydraulic Tank and Track Shaft Assembly



Hydraulic Tank and Track Shaft Assembly (continued)

Ref.	Part Number	Qty.	Description
1	125-0404	1	Tank-HYD
1:1	107-3557	1	Gasket-Cover, Access
1:2	108-6297-01	1	Cover-Tank
1:3	98-9940	6	Screw-HHF
1:4	353-988	1	Plug-Hex
1:4:1	237-79	1	O-Ring
2	125-0425	1	Shaft-Track
3	132-9074	2	Hub-Shaft
6	323-6	8	Screw-HH
7	3296-39	8	Nut-Lock, NI
8	321-5	4	Screw-HH
11	145-3154	1	Pump-Fuel, Electric
12	32128-33	4	Nut-HF
13	110-6186	1	Hose-Fuel
14	110-4112	1	Hose-Fuel
15	98-7612	1	Filter-Fuel
16	136-5837	1	Hose-Fuel
17	92-2379	12	Clamp-Hose
18	61-2790	1	Filter-Screen
19	130-7686	1	Dipstick
20	237-101	1	O-Ring
21	93-7498	1	Plug-Plastic
22	68-6150	1	Breather
23	32144-11	1	Screw-HWH
24	109-2678	1	Filter ASM
24:2	63-8290	1	Vent-Air
24:3	63-8300	1	Element-Spin On
24:3:1	63-8310	1	Valve-Drain
25	353-781	2	Fitting-HYD, 90
26	112-2620	1	Bar-Reference
27	3234-5	4	Screw-HHF
28	99-5005	1	Fitting-Tee, Barbed
29	130-1036-01	2	Plate-Cover, Access
30	83-1470	4	Washer-Neoprene
31	130-5315	2	Arm-Locking
31:2	115-4858	1	Decal-Danger
32	108-0094	4	Pin-Cotterless
33	133-0223	1	Hose-Fuel
34	121-7914	1	Hose-Fuel
35	133-1636	1	Hose-Fuel
37	132-8416	1	Foam-Heat Shield
38	140-7698	1	Foam-Heat Shield
40	3334-945	1	Tie-Cable
41	92-6064	1	Clamp-R
42	3256-38	1	Washer-Flat
43	322-4	1	Screw-HH
44	96-0864	1	Fitting-Straight
44:1	237-81	1	O-Ring
45	115-2231	1	Fitting-STR
45:1	237-79	1	O-Ring
46	94-5625	1	Hose
48	354-94	1	Fitting-Female, Barbed
49	2412-36	2	Clamp-Hose
50	137-4657-03	2	Plate-Dirt
51	613381	6	Screw-Bh-Thd Roll
52	70-2041	2	Trim - Edge

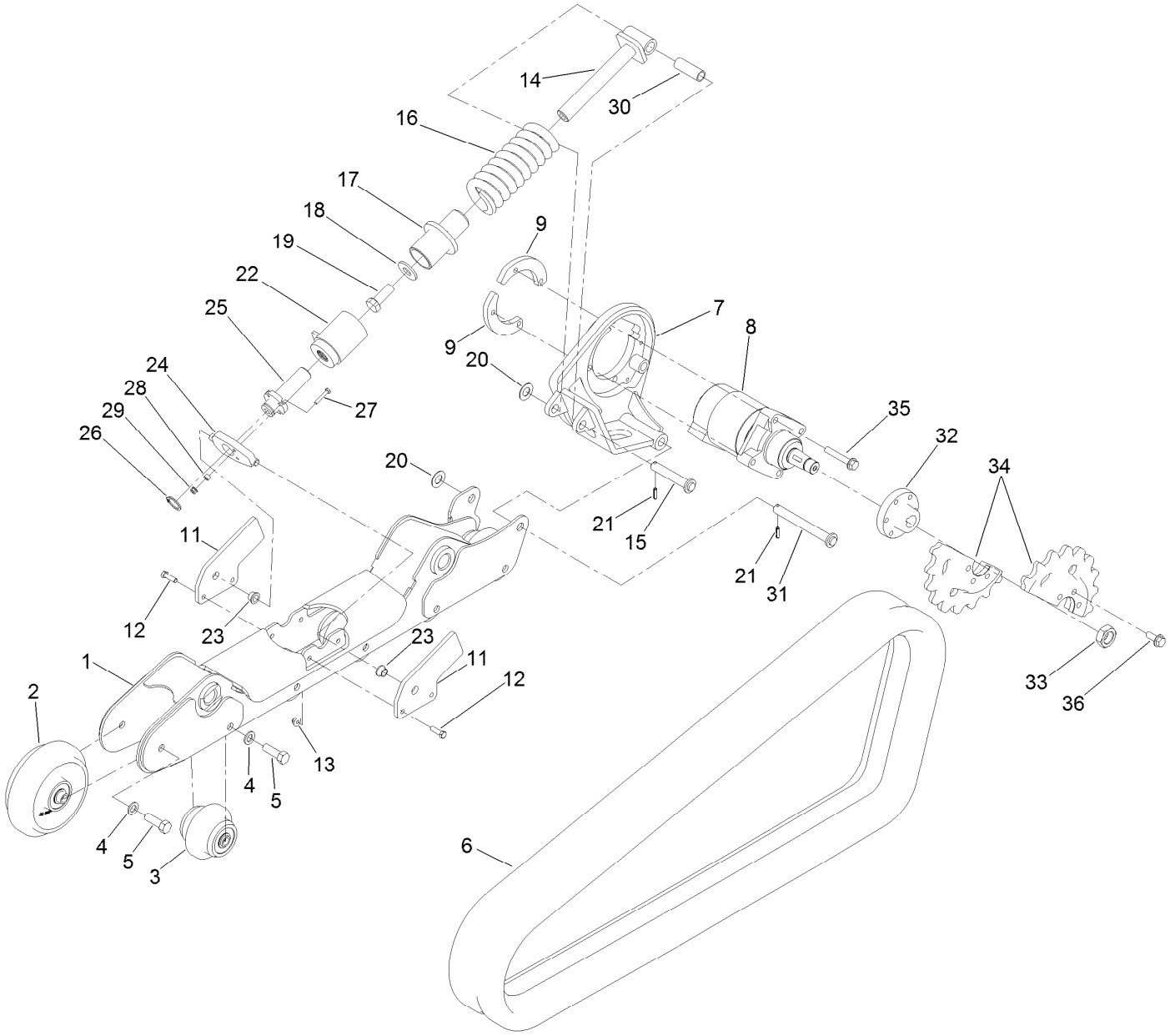
Track Assembly



Track Assembly (continued)

Ref.	Part Number	Qty.	Description
1	138-0794	1	LH Track ASM
2	138-0795	1	RH Track ASM
12	130-0967	2	Pin-Track
13	125-0399	2	Nut-HH
31	99-2659	2	Washer
32	328-25	2	Screw-HH

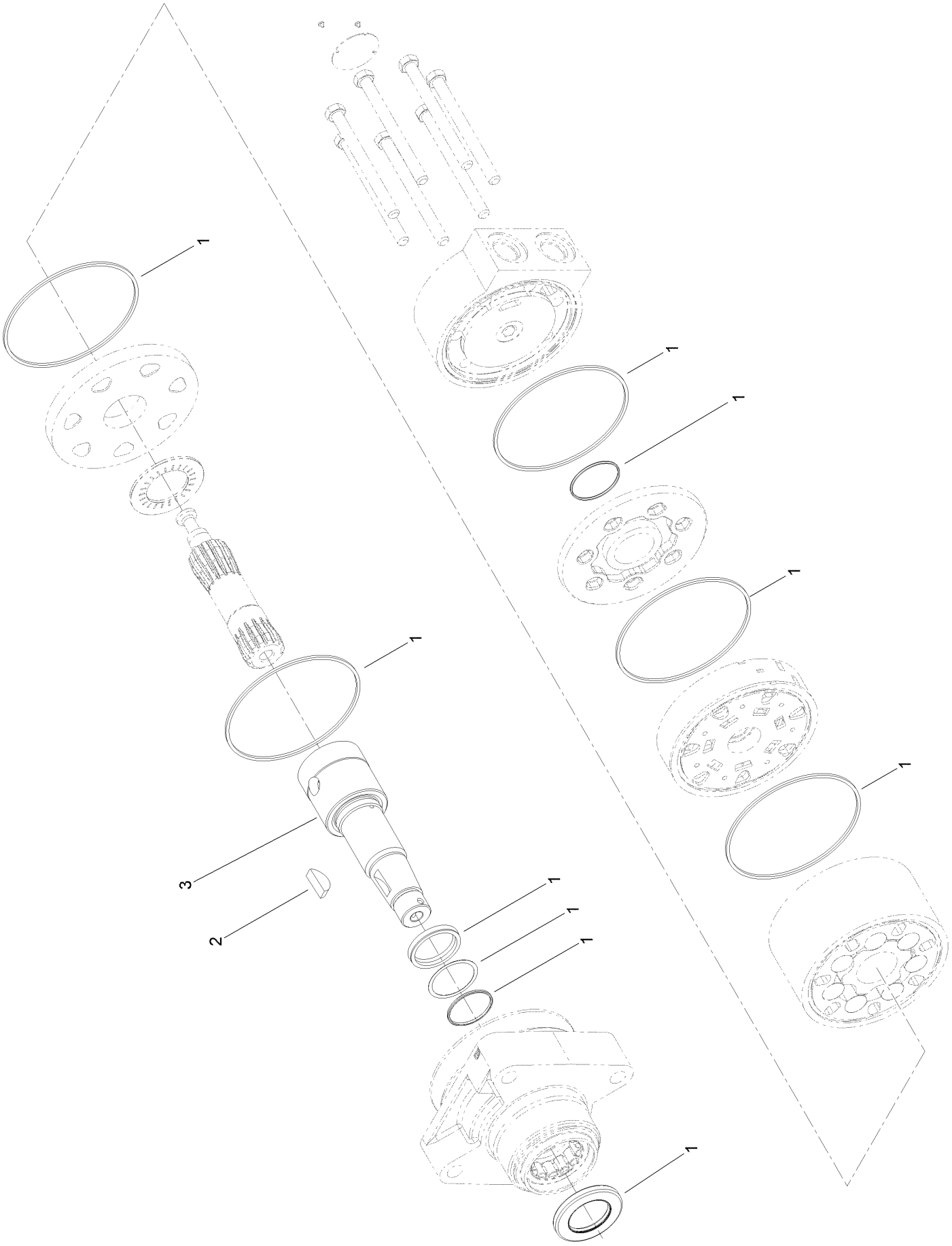
LH Track Assembly No. 138-0794



LH Track Assembly No. 138-0794 (continued)

Ref.	Part Number	Qty.	Description
1	138-4658	1	Frame-Track, LH
2	137-8807	1	Tensioner Wheel ASM
3	137-8808	5	Wheel ASM,
4	33098-00	12	Washer-Flat
5	111-3484	12	Screw-HH
6	138-0186	1	Track-Narrow
7	138-4395	1	Mount-Motor, LH
8	138-0761	1	Motor-HYD
9	137-4614	2	Plate-Mounting, Wheelmotor
11	137-4632	2	Plate-Ear, Inside
12	323-7	4	Screw-HH
13	104-8301	4	Nut-HF, NI
14	138-0238	1	Tensioner-Spring
15	130-1057	1	Pin-Tensioner
16	138-0237	1	Spring-Compression
17	138-0248	1	Guide-Tensioner
18	99-2659	1	Washer
19	AU426-1232	1	Bolt
20	3256-39	2	Washer-Flat
21	32121-24	2	Pin-Spring
22	138-0242	1	Housing-Tensioner
23	65-8770	2	Bushing-Bellcrank
24	138-4681	1	Plate-Pivot
25	138-0247	1	Screw-Tensioner
26	32151-77	1	Ring-Retaining, External
27	321-9	1	Screw-HH
28	98-4799	1	Spacer
29	32128-32	1	Nut-HHF
30	127-9565	1	Spacer-Pivot
31	137-4518	1	Pin-Pivot
32	144-7351	1	Hub-Sprocket,
33	107-9319	1	Nut-Hex
34	137-4643	2	Sprocket-18 Tooth
35	3234-40	4	Screw-HF
36	137-4653	6	Screw-HHF

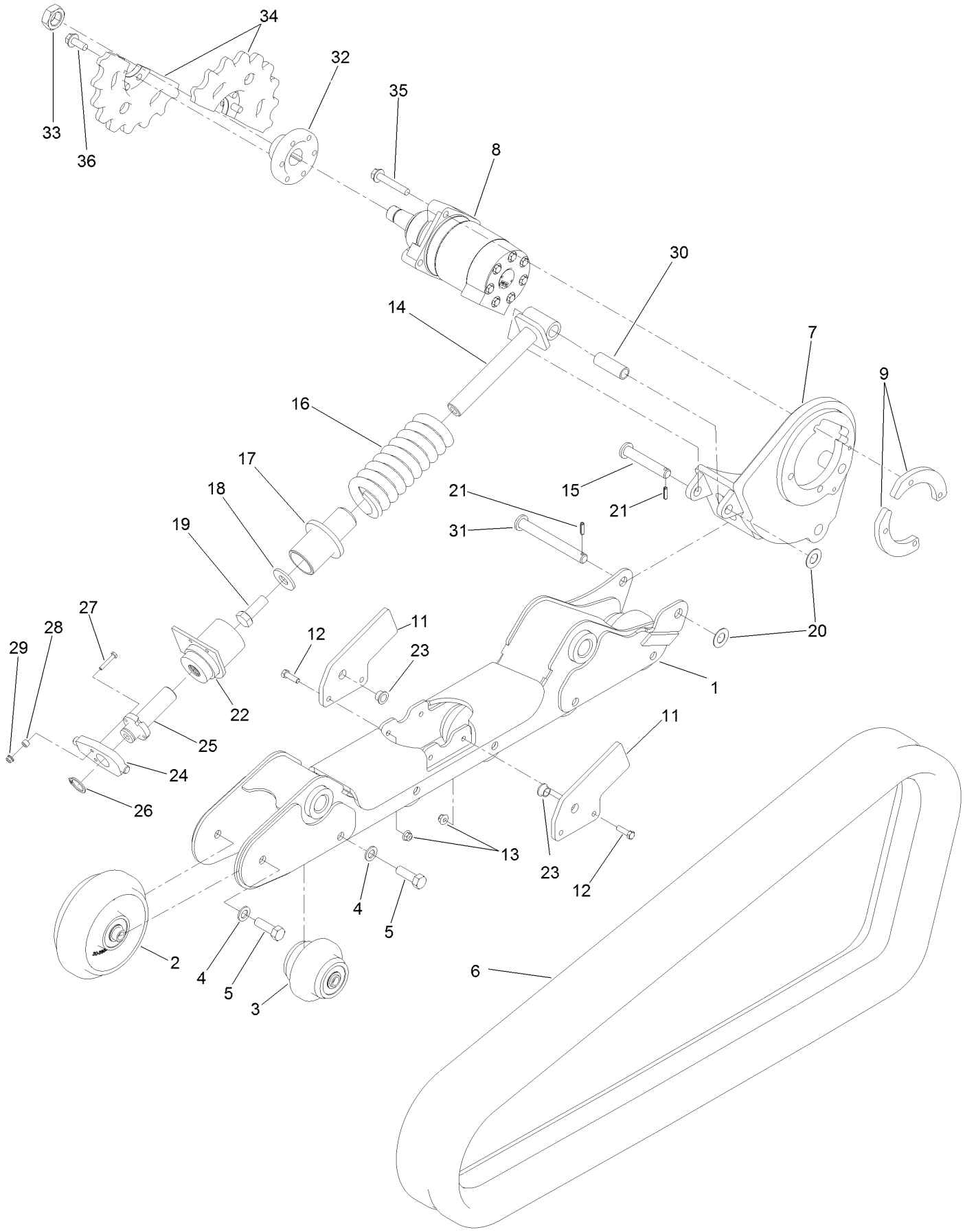
Hydraulic Motor Assembly No. 138-0761



Hydraulic Motor Assembly No. 138-0761 (continued)

Ref.	*Part Number*	*Qty.*	*Description*
1	137-1824	1	Seal Kit
2	3257-42	1	Key-Woodruff
3	140-7697	1	Shaft - Coupling Tgk

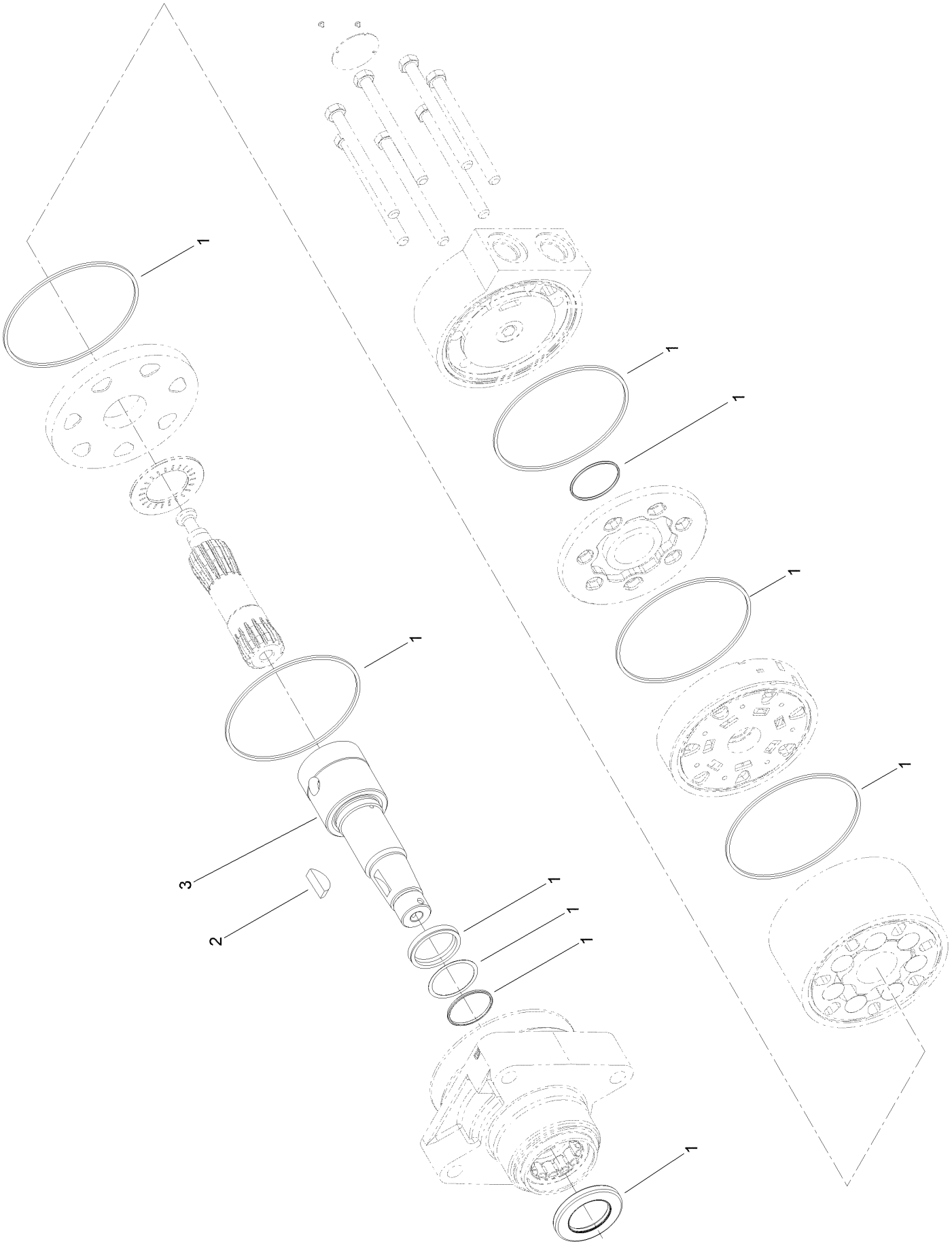
RH Track Assembly No. 138-0795



RH Track Assembly No. 138-0795 (continued)

Ref.	Part Number	Qty.	Description
1	138-4657	1	Frame-Track, RH
2	137-8807	1	Tensioner Wheel ASM
3	137-8808	5	Wheel ASM,
4	33098-00	12	Washer-Flat
5	111-3484	12	Screw-HH
6	138-0186	1	Track-Narrow
7	138-4397	1	Mount-Motor, RH
8	138-0778	1	Motor-HYD
9	137-4614	2	Plate-Mounting, Wheelmotor
11	137-4632	2	Plate-Ear, Inside
12	323-7	4	Screw-HH
13	104-8301	4	Nut-HF, NI
14	138-0238	1	Tensioner-Spring
15	130-1057	1	Pin-Tensioner
16	138-0237	1	Spring-Compression
17	138-0248	1	Guide-Tensioner
18	99-2659	1	Washer
19	AU426-1232	1	Bolt
20	3256-39	2	Washer-Flat
21	32121-24	2	Pin-Spring
22	137-4650	1	Housing-Tensioner, RH
23	65-8770	2	Bushing-Bellcrank
24	138-4681	1	Plate-Pivot
25	138-0247	1	Screw-Tensioner
26	32151-77	1	Ring-Retaining, External
27	321-9	1	Screw-HH
28	98-4799	1	Spacer
29	32128-32	1	Nut-HHF
30	127-9565	1	Spacer-Pivot
31	137-4518	1	Pin-Pivot
32	144-7351	1	Hub-Sprocket,
33	107-9319	1	Nut-Hex
34	137-4643	2	Sprocket-18 Tooth
35	3234-40	4	Screw-HF
36	137-4653	6	Screw-HHF

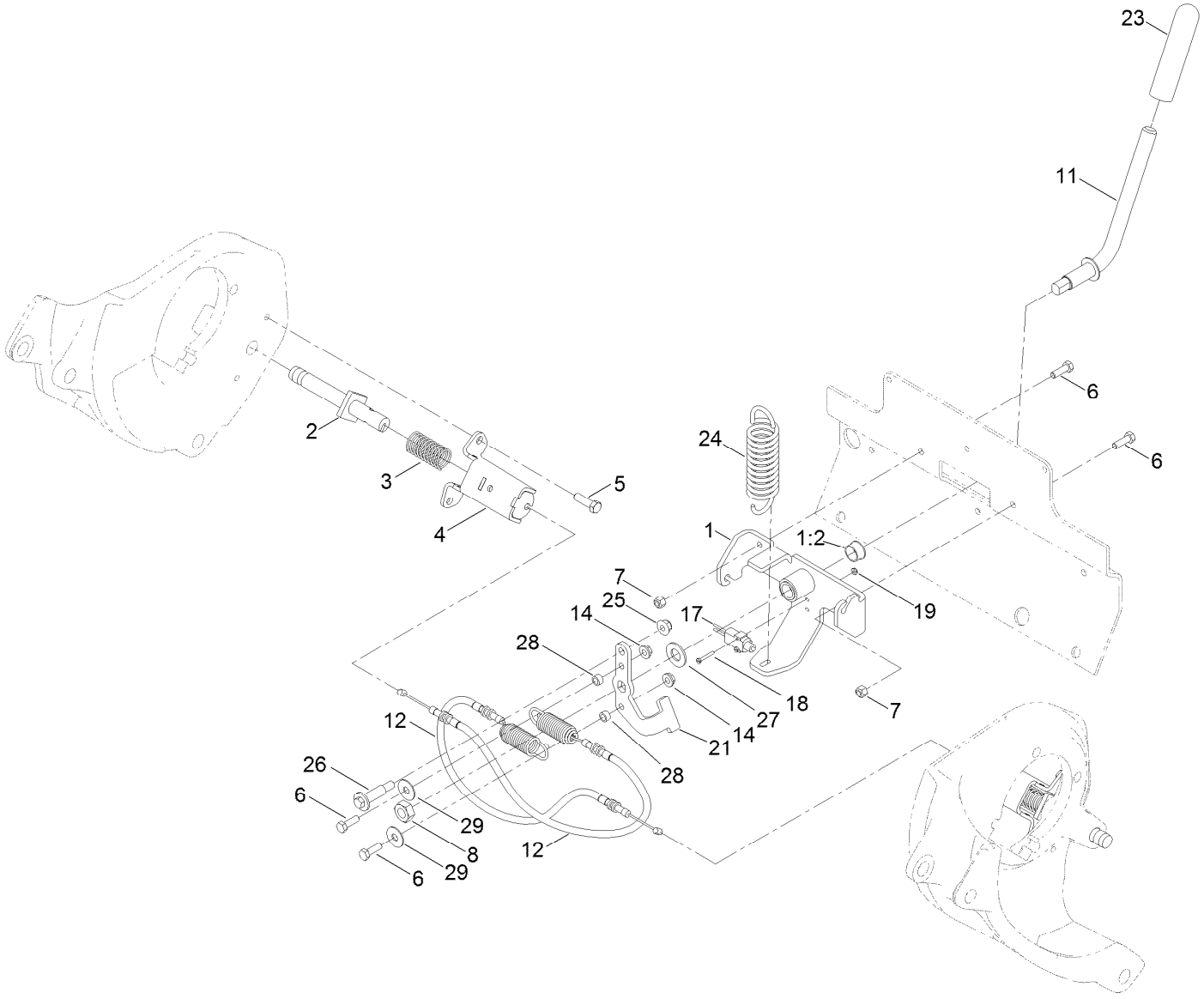
Hydraulic Motor Assembly No. 138-0778



Hydraulic Motor Assembly No. 138-0778 (continued)

Ref.	*Part Number*	*Qty.*	*Description*
1	137-1824	1	Seal Kit
2	3257-42	1	Key-Woodruff
3	140-7697	1	Shaft - Coupling Tgk

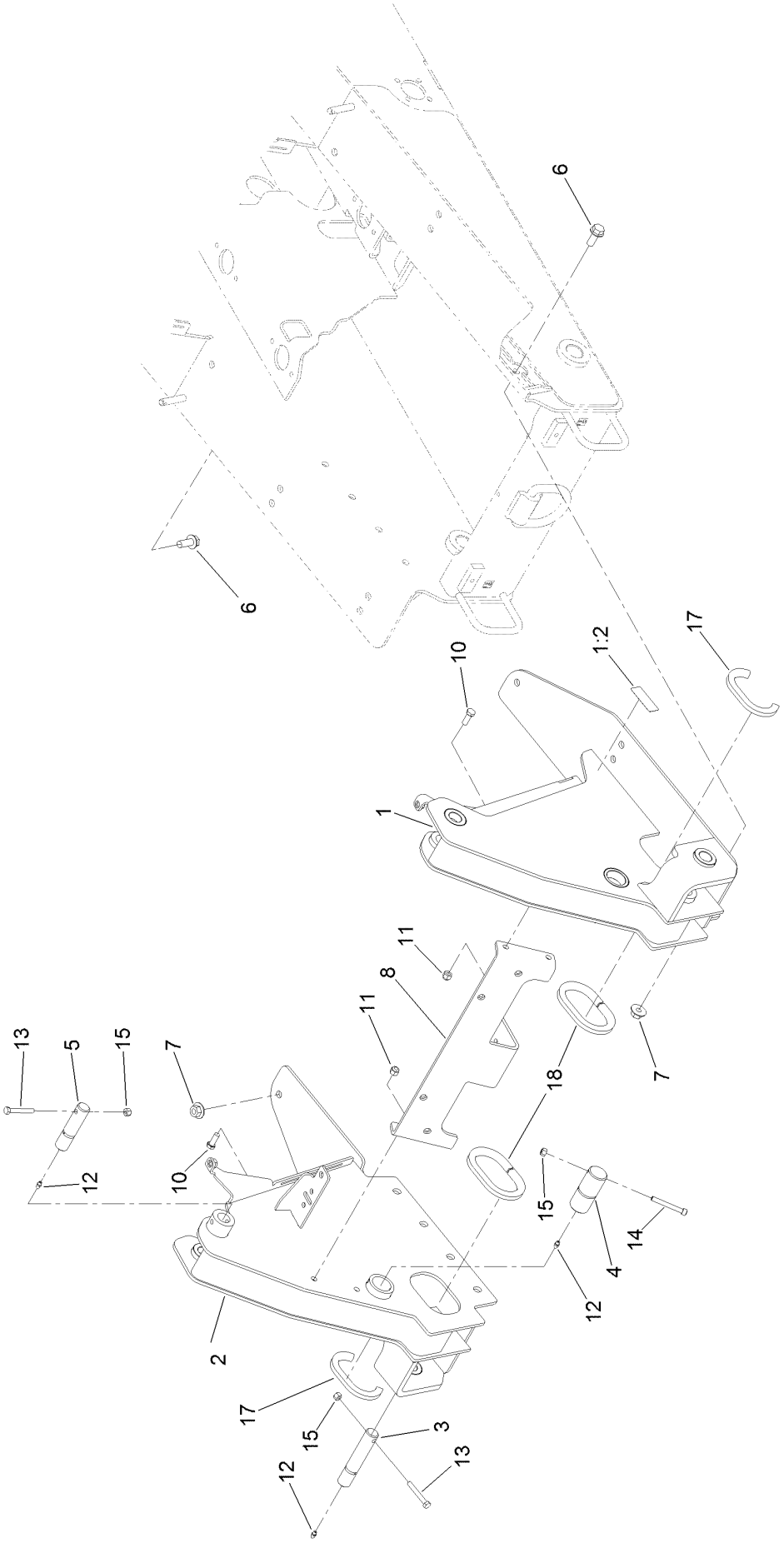
Brake Assembly



Brake Assembly (continued)

Ref.	Part Number	Qty.	Description
1	136-4798	1	Bracket-Brake
1:2	256-252	2	Bearing-Flange
2	137-4617	2	Rod-Brake
3	125-0344	2	Spring-Compression
4	137-4648-03	2	Mount-Brake
5	323-7	4	Screw-HH
6	322-5	4	Screw-HH
7	3296-29	2	Nut-Lock, NI
8	3296-33	1	Nut-Lock, NI
11	133-0232	1	Lever-Brake
12	136-4789	2	Cable-Brake
14	32128-20	2	Nut-HF
17	95-8900	1	Switch
18	32105-9	2	Screw-HH
19	3296-9	2	Nut-Hex
21	138-0205-0P	1	Plate-Brake Linkage
23	110-1037	1	Grip-Handle
24	136-4787	1	Spring-EXT
25	104-8301	1	Nut-HF, NI
26	136-7198	1	Bolt-Shoulder
27	3256-27	1	Washer-Flat
28	85-9120	2	Spacer-Pivot, Tilt
29	52-2860	2	Washer

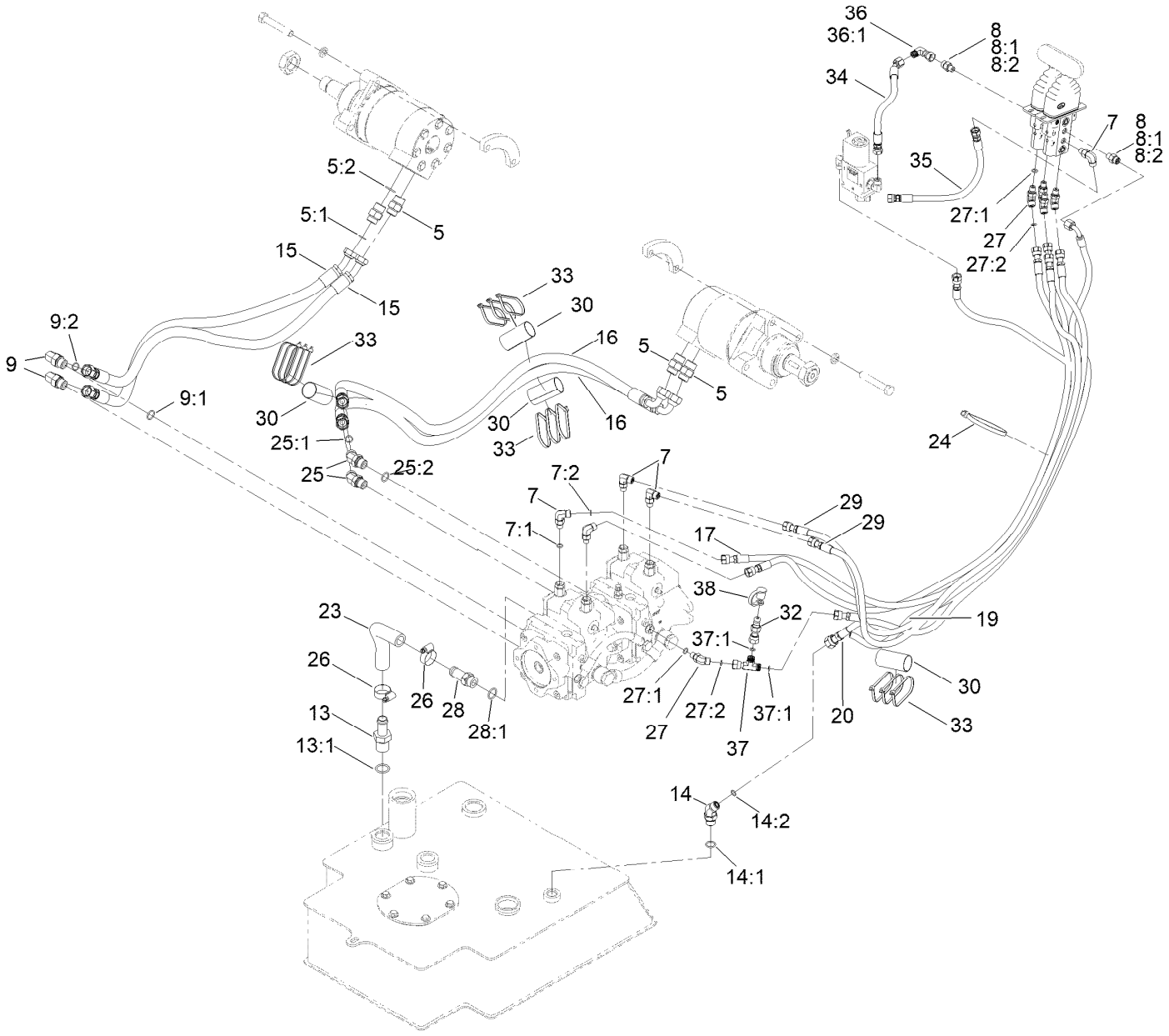
Front Tower Assembly



Front Tower Assembly (continued)

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

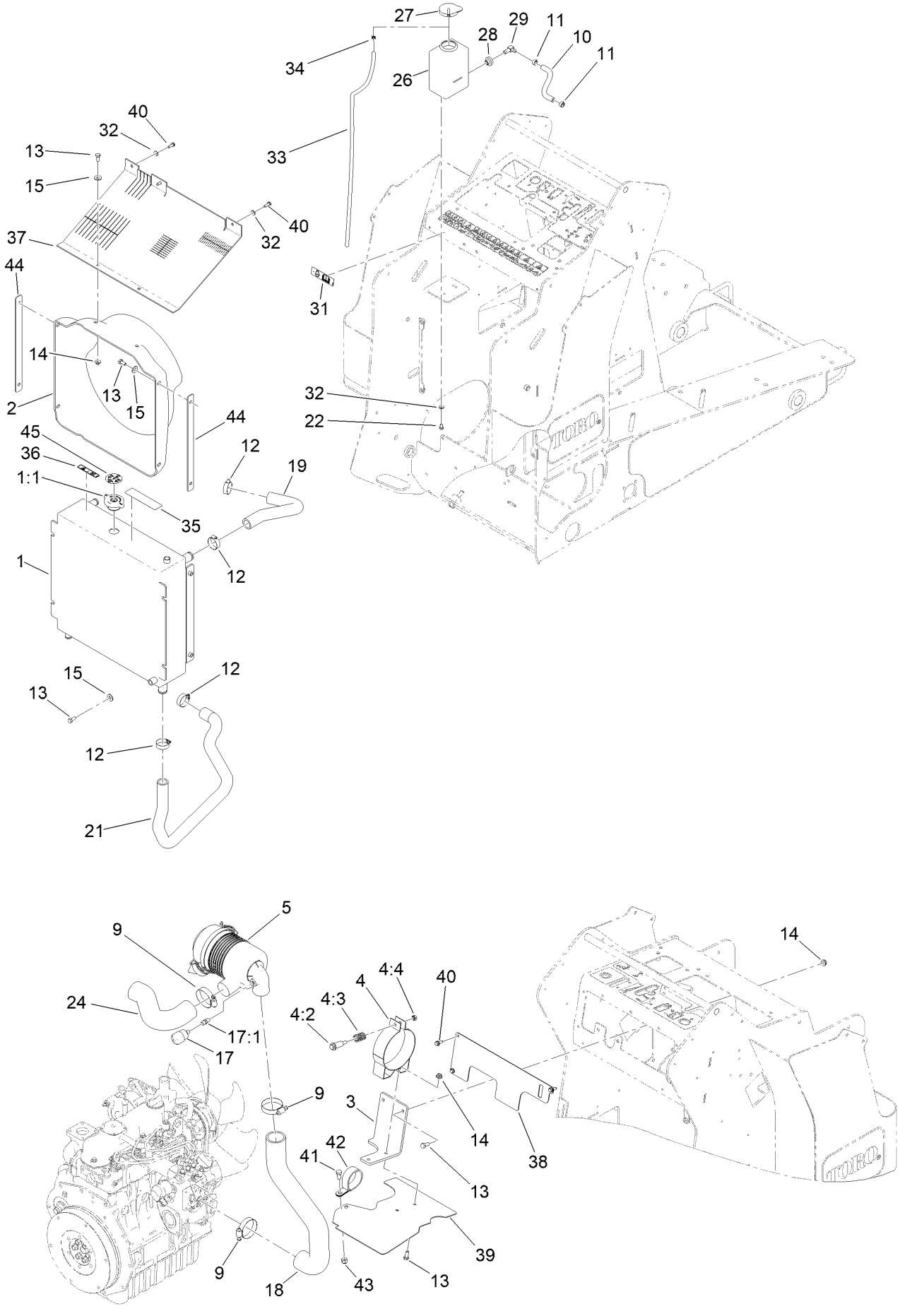
Hydraulic Hose Assembly



Hydraulic Hose Assembly (continued)

Ref.	Part Number	Qty.	Description
5	340-6	4	Fitting-Straight
5:1	237-30	1	O-Ring
5:2	237-80	1	O-Ring
7	340-132	5	Fitting-Elbow, 90 DEG
7:1	237-78	1	O-Ring
7:2	237-21	1	O-Ring
8	340-92	2	Fitting-Straight
8:1	237-78	1	O-Ring
8:2	237-21	1	O-Ring
9	340-98	2	Fitting-Elbow, 90 DEG
9:1	237-79	1	O-Ring
9:2	237-30	1	O-Ring
13	354-73	1	Fitting
13:1	237-81	1	O-Ring
14	340-138	1	Fitting-HYD, 45 DEG
14:1	237-79	1	O-Ring
14:2	237-22	1	O-Ring
15	133-0226	2	Hose-HYD
16	130-7734	2	Hose-HYD
17	139-0789	2	HYD Hose ASM
19	139-0790	1	HYD Hose ASM
20	139-0791	1	HYD Hose ASM
23	133-0231	1	Hose-Return
24	3334-945	1	Tie-Cable
25	340-101	2	Fitting-HYD, 45 DEG
25:1	237-30	1	O-Ring
25:2	237-79	1	O-Ring
26	2412-129	2	Clamp-Hose
27	340-103	5	Fitting-HYD, 45 DEG
27:1	237-78	1	O-Ring
27:2	237-21	1	O-Ring
28	354-136	1	Fitting-STR
28:1	237-80	1	O-Ring
29	139-0792	2	HYD Hose ASM
30	AU112950	4	Protector-Hose
32	115-8886	1	Nipple-Test
33	3290-378	12	Tie-Cable
34	140-5878	1	Hose ASM
35	140-5877	1	Hose ASM
36	92-2745	1	Elbow-90
36:1	237-21	1	O-Ring
37	340-151	1	Fitting-Tee
37:1	237-21	2	O-Ring
38	354-79	1	Cap-Dust

Radiator and Air Cleaner Assembly

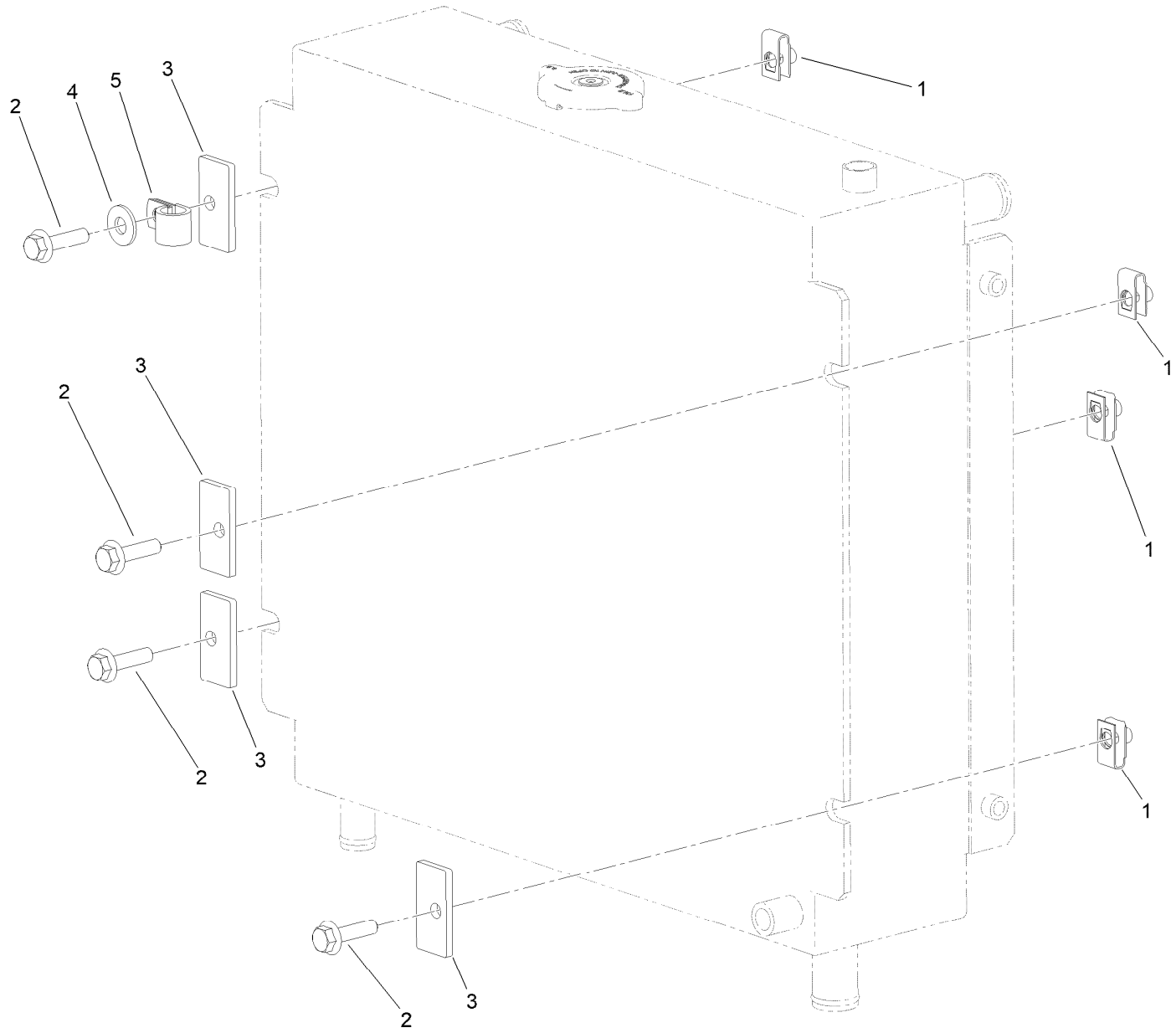


Radiator and Air Cleaner Assembly (continued)

Ref.	Part Number	Qty.	Description
1	144-7364	1	Cooling ASM, Kirkland
1:1	144-7368	1	Cap, Radiator
1:2	161-7280	1	Radiator Support Kit ●
2	131-9256	1	Shroud-Fan
3	125-0377-03	1	Bracket
4	93-2191	1	Air Cleaner Mounting Band ASM
4:2	94-3653	1	Bolt
4:3	94-3654	1	Spring
4:4	48-9510	1	*obs* Nut
5	93-2190	1	Air Cleaner ASM
9	2412-92	3	Clamp-Hose
10	112-2386	1	Hose-Fuel
11	92-2379	2	Clamp-Hose
12	2412-34	4	Clamp-Hose
13	322-3	14	Screw-HH
14	32128-20	6	Nut-HF
15	3256-3	10	Washer-Flat
17	104-3563	1	Indicator
17:1	94-1416	1	Adapter-Indicator
18	131-9173	1	Hose-Intake, Engine
19	136-4552	1	Hose-Radiator
21	131-9153	1	Hose-Radiator, Lower
22	321-2	2	Screw-HH
24	130-0952	1	Hose-Air, Inlet
26	1-643163	1	Tank-Overflow
27	1-643164	1	Cap-Tank, Overflow
28	46-6560	1	Bushing
29	46-6550	1	Fitting-Elbow, 90 DEG
31	115-4865	1	Decal-Fill, Radiator
32	3256-22	5	Washer-Flat
33	108-6344	1	Hose-Fuel
34	2412-80	1	Clamp-Hose
35	93-7814	1	Decal-Danger
36	93-6681	1	Decal-Warning, Fan
37	131-9214	1	Guard-Air
38	131-9215	1	Cover-Air
39	131-8013	1	Baffle-Heat
40	32144-44	6	Screw-HWH, Thread Roll
41	323-4	1	Screw-HH
42	2412-107	1	Clamp-R
43	3296-39	1	Nut-Lock, NI
44	138-0751	2	Plate-Shim
45	117-3276	1	Decal-Danger

● Not illustrated

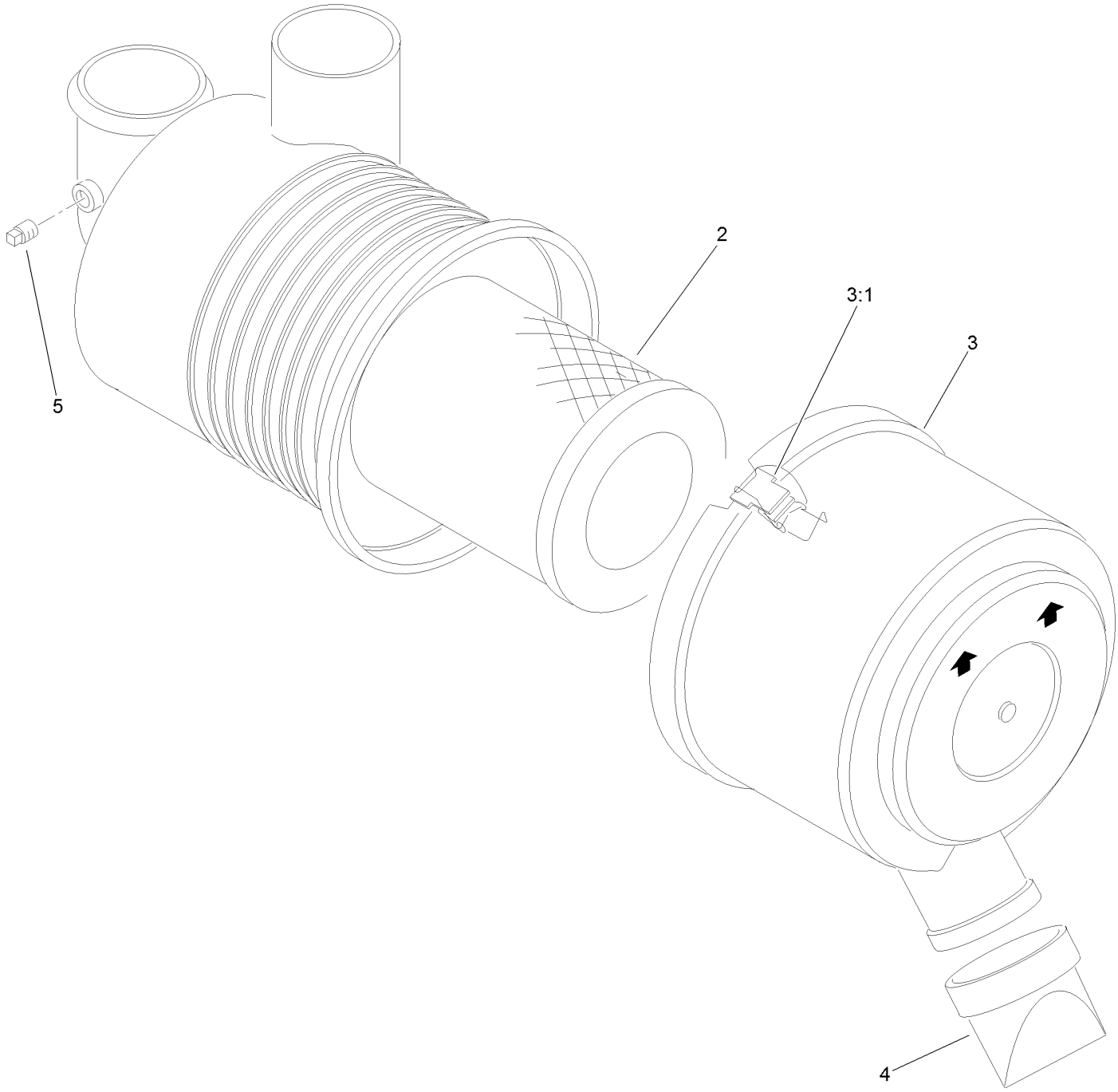
Radiator Support Kit Assembly No. 161-7280



Radiator Support Kit Assembly No. 161-7280 (continued)

Ref.	Part Number	Qty.	Description
1	115-7721	4	Nut-Clip, U
2	132-3837	4	Screw-HHF
3	161-7293-03	4	Washer-Square
4	3256-3	1	Washer-Flat
5	92-6064	1	Clamp-R

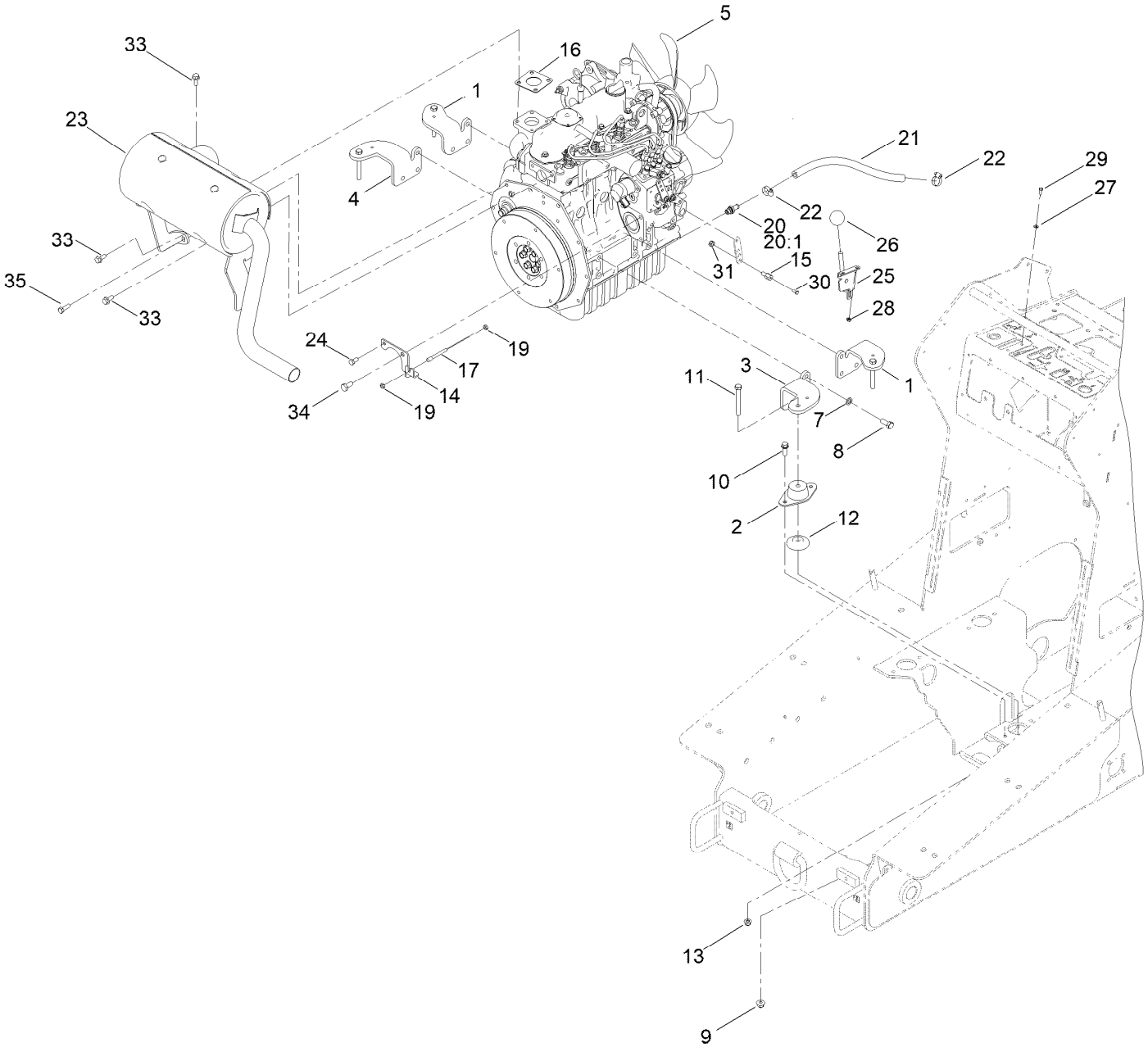
Air Cleaner Assembly No. 93-2190



Air Cleaner Assembly No. 93-2190 (continued)

Ref.	Part Number	Qty.	Description
2	108-3811	1	Filter-Air V-Twin HD
3	94-3652	1	Cover ASM
3:1	1-643283	2	Latch-Cleaner, Air
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe

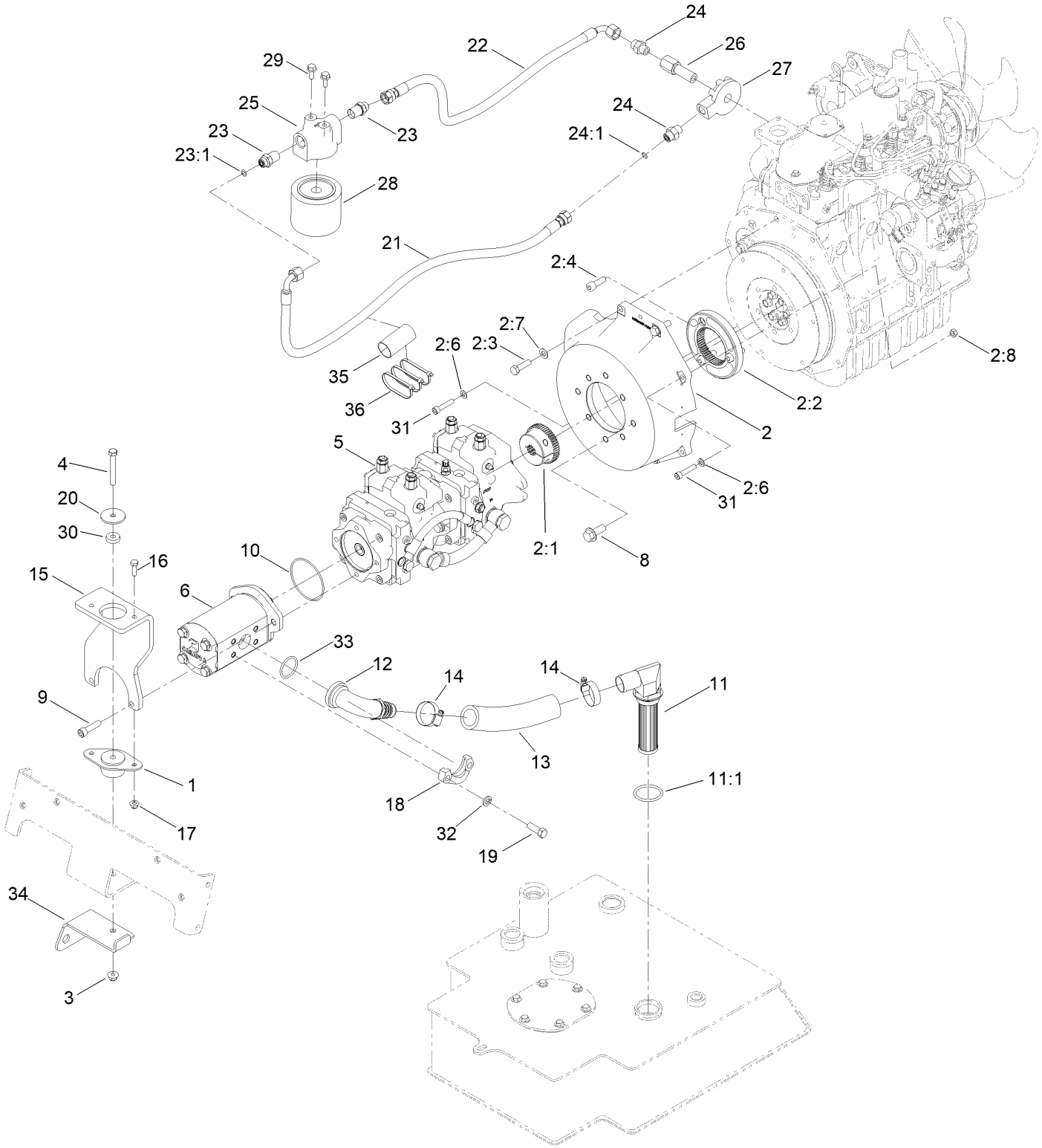
Engine and Muffler Assembly



Engine and Muffler Assembly (continued)

Ref.	Part Number	Qty.	Description
1	115-8066-0P	2	Mount-Engine
2	121-9076	4	Mount-Engine
3	115-8068-0P	1	Mount-Engine, LH
4	115-8063-0P	1	Mount-Engine RH
5	138-6911	1	Engine-Kubota, D1305
7	48-9590	12	Washer-Lock
8	43-0090	12	Screw-HH
9	104-8301	4	Nut-HF, NI
10	3234-29	8	Screw-HHF
11	323-14	4	Screw-HH
12	138-6462	4	Support-Isolator
13	104-8300	8	Nut-HF, NI
14	130-1148-03	1	Bracket-Throttle
15	98-9311	1	Swivel-Throttle
16	99-8343	1	Gasket-Muffler
17	130-7743	1	Cable-Throttle
19	3220-1	2	Nut-Jam
20	139-7317	1	Fitting-Barb
20:1	140-1983	1	Seal-Oring
21	138-0830	1	Hose-Oil Drain
22	2412-36	2	Clamp-Hose
23	138-0753	1	Muffler
24	33114-016	1	Screw-HH
25	108-9730	1	Lever-Control
26	233-42	1	Knob
27	3256-51	2	Washer-Flat
28	32149-7	2	Nut-Keps
29	3290-134	2	Screw
30	25-8640	1	Screw-HH
31	3296-20	1	Nut-Lock, NI
33	33104-020	6	Screw-HHF
34	63-7790	1	Screw-Cap
35	99-5131	1	Bolt

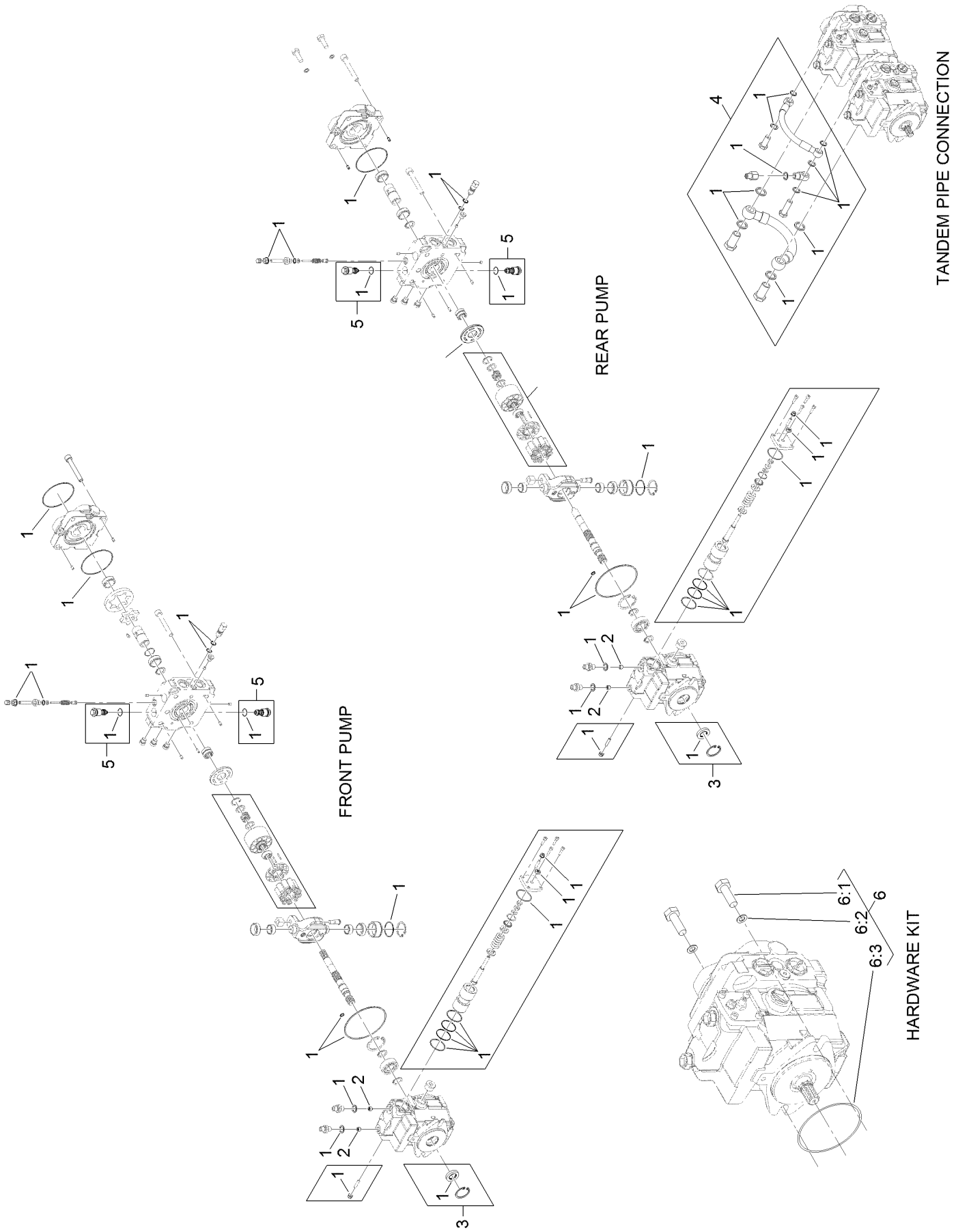
Tandem Pump and Gear Pump Assembly



Tandem Pump and Gear Pump Assembly (continued)

Ref.	Part Number	Qty.	Description
1	121-9076	1	Mount-Engine
2	138-0822	1	Mount-Pump
2:1	130-7725	1	Hub-Pump
2:2	125-1179	1	Flange-Coupler
2:3	56-2140	2	Screw-HH
2:4	108-1420	3	Screw-HSH
2:6	115-7370	4	Washer-Plain
2:7	33095-00	2	Washer-Flat
2:8	33014-00	1	Nut-Hex
3	104-8301	1	Nut-HF, NI
4	323-13	1	Screw-HH
5	138-0767	1	Pump-Tandem
6	130-7731	1	Pump-Gear
8	3234-38	2	Screw-HHF
9	09718	2	Screw-Sh
10	353-949	1	O-Ring
11	145-0622	1	Strainer Fitting ASM
11:1	237-101	1	O-Ring
12	112-7374	1	Fitting
13	130-7561	1	Hose-Suction
14	2412-111	2	Clamp-Hose, W/Liner
15	138-0231-03	1	Bracket-Support, Pump
16	322-5	2	Screw-HH
17	104-8300	2	Nut-HF, NI
18	136-5794	2	Flange
19	324-5	4	Screw-HH
20	63-7400	1	Washer-Rebound
21	139-0793	1	HYD Hose ASM
22	139-0794	1	HYD Hose ASM
23	136-5838	2	Fitting-HYD
23:1	237-22	1	O-Ring
24	130-7716	2	Fitting-HYD
24:1	237-22	1	O-Ring
25	130-7588	1	Base-Filter
26	130-7587	1	Pipe-Joint
27	130-7586	1	Base-Filter
28	104-5169	1	Filter-Oil
29	33104-020	2	Screw-HHF
30	62-6660	1	Spacer
31	131-0197	1	Screw-HSH
32	3253-6	4	Washer-Lock
33	115-5420	1	O-Ring
34	138-0790-0P	1	Bracket-Bulkhead
35	AU112950	1	Protector-Hose
36	3290-378	3	Tie-Cable

Tandem Pump Assembly No. 138-0767

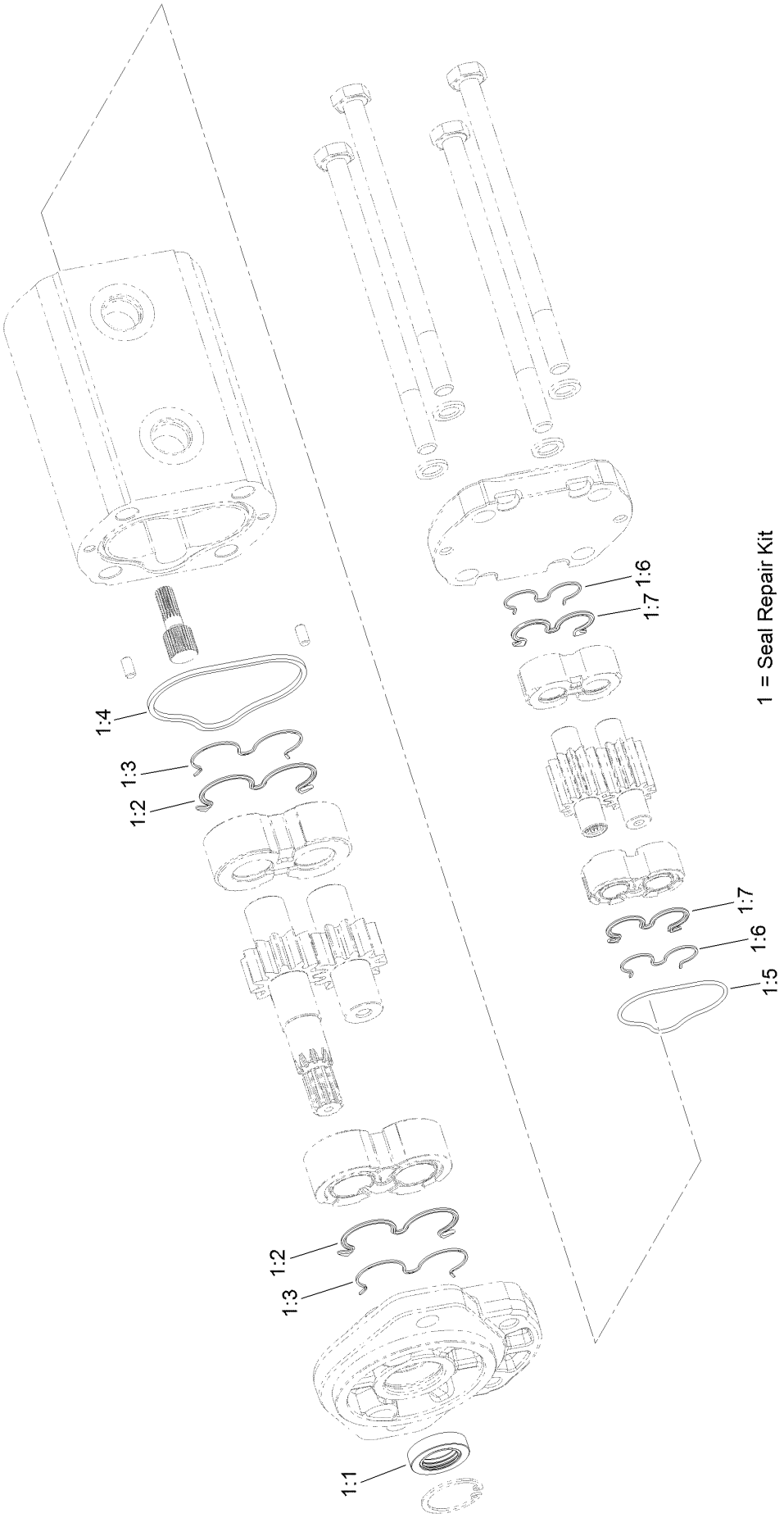


Tandem Pump Assembly No. 138-0767 (continued)

Ref.	Part Number	Qty.	Description
1	132-6041	2	Seal Kit
2	132-6042	4	Spacer-Jet
3	132-6045	1	Shaft Seal Kit
4	132-6047	1	Tandem Connection Pipe Kit
5	138-0781	4	Valve-Relief
6	140-5300	1	Hardware Kit
6:1		2	Bolt-Hex ●
6:2		2	Washer ●
6:3		1	O-Ring ●

● Not serviced separately

Gear Pump Assembly No. 130-7731

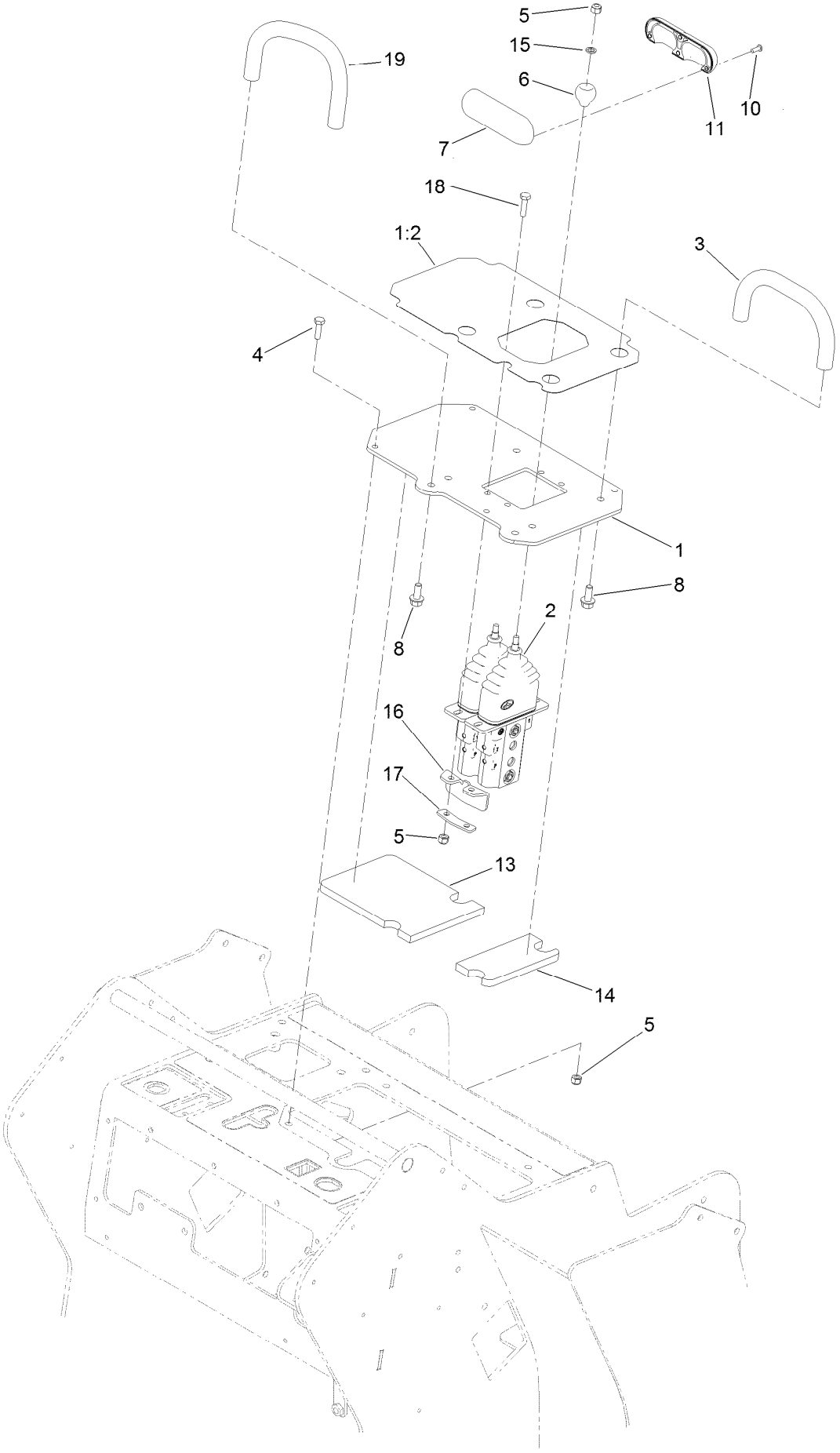


Gear Pump Assembly No. 130-7731 (continued)

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

● Not serviced separately

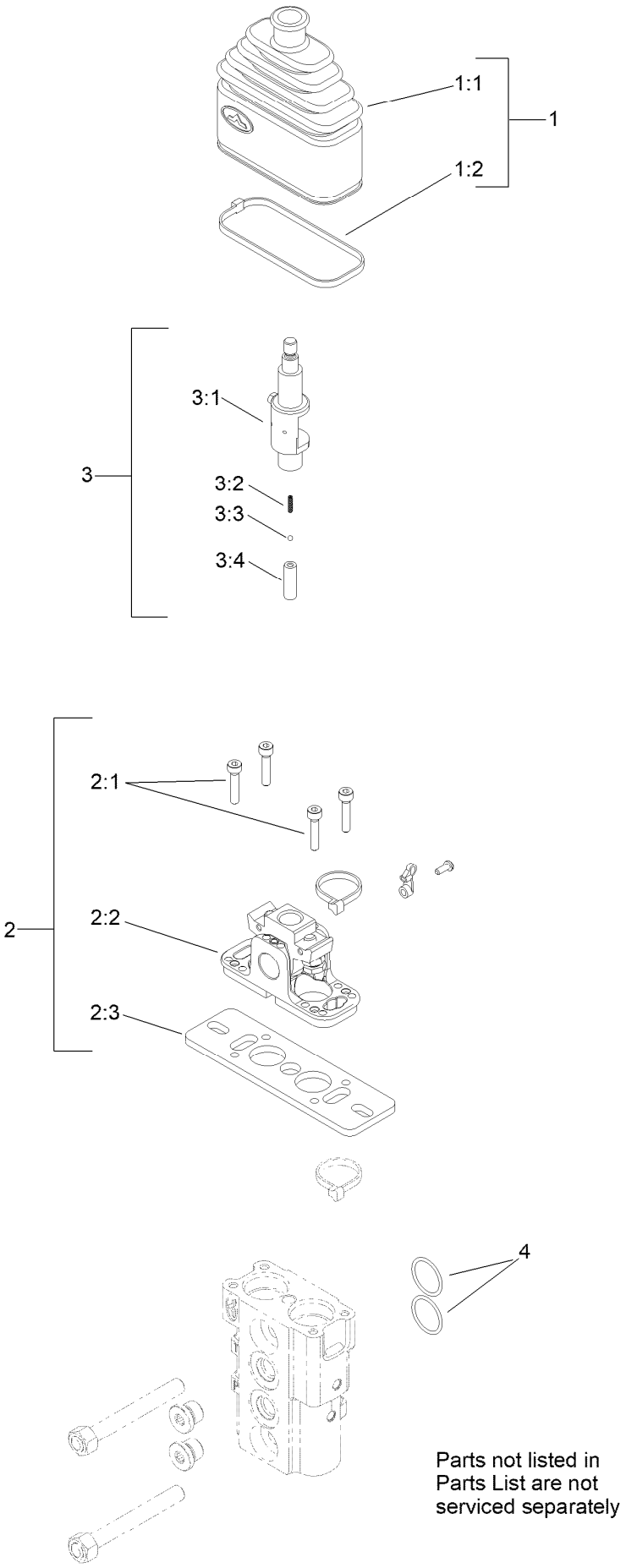
Control Valve and Reference Bar Assembly



Control Valve and Reference Bar Assembly (continued)

Ref.	Part Number	Qty.	Description
1	130-5321	1	Plate-Control
1:2	131-0708	1	Decal-Control Panel
2	138-0827	1	Valve-Control (Traction)
3	112-2620	1	Bar-Reference
4	321-5	6	Screw-HH
5	3296-42	10	Nut-Lock, NI
6	130-7723	2	Ball-Traction
7	130-7692	1	Handle-Control
8	3234-5	4	Screw-HHF
10	94-6961	4	Screw
11	131-9162	1	Handle-Traction
13	132-8414	1	Foam-Shield, Heat
14	132-8415	1	Foam-Shield, Heat
15	75-5470	2	Spacer-Bearing
16	133-1642	1	Cover-Rubber
17	133-1641	1	Plate-Clamp
18	321-6	2	Screw-HH
19	138-0791	1	Bar-Reference

Control Valve Assembly No. 138-0827



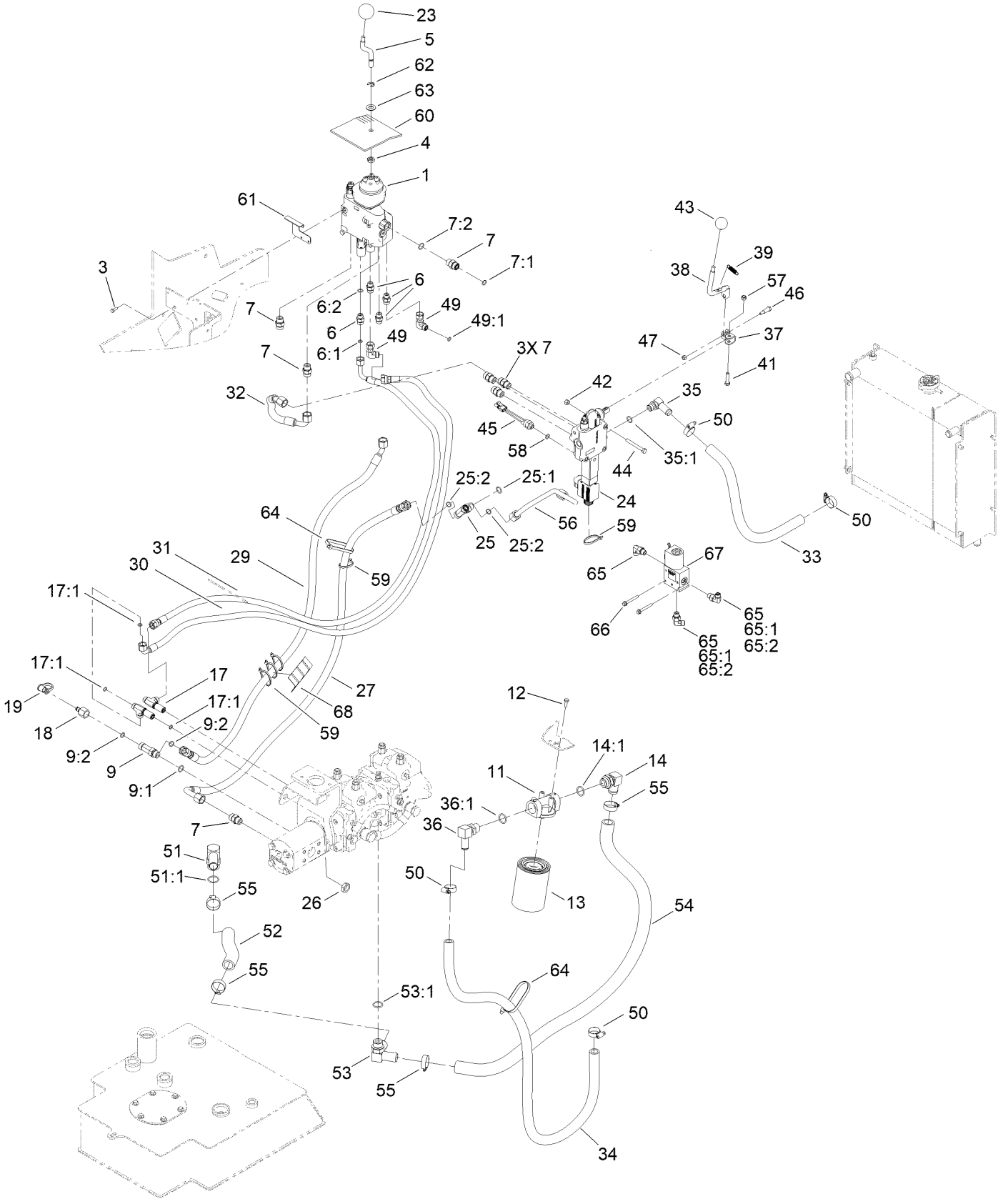
Parts not listed in Parts List are not serviced separately

Control Valve Assembly No. 138-0827 (continued)

Ref.	Part Number	Qty.	Description
1	132-6034	2	Bellow Kit
1:1		1	Bellow-Rubber ●
1:2		1	Tie-Cable ●
2	132-6036	2	Fulcrum Kit
2:1		4	Screw ●
2:2		1	Support Kit ●
2:3		1	Plate-Mounting ●
3	132-6037	2	Switch Holder Lever Kit
3:1		1	Lever-Holder, Switch ●
3:2		1	Spring-Return ●
3:3		1	Sphere ●
3:4		1	Holder-Spring ●
4	100-7246	2	O-Ring

● Not serviced separately

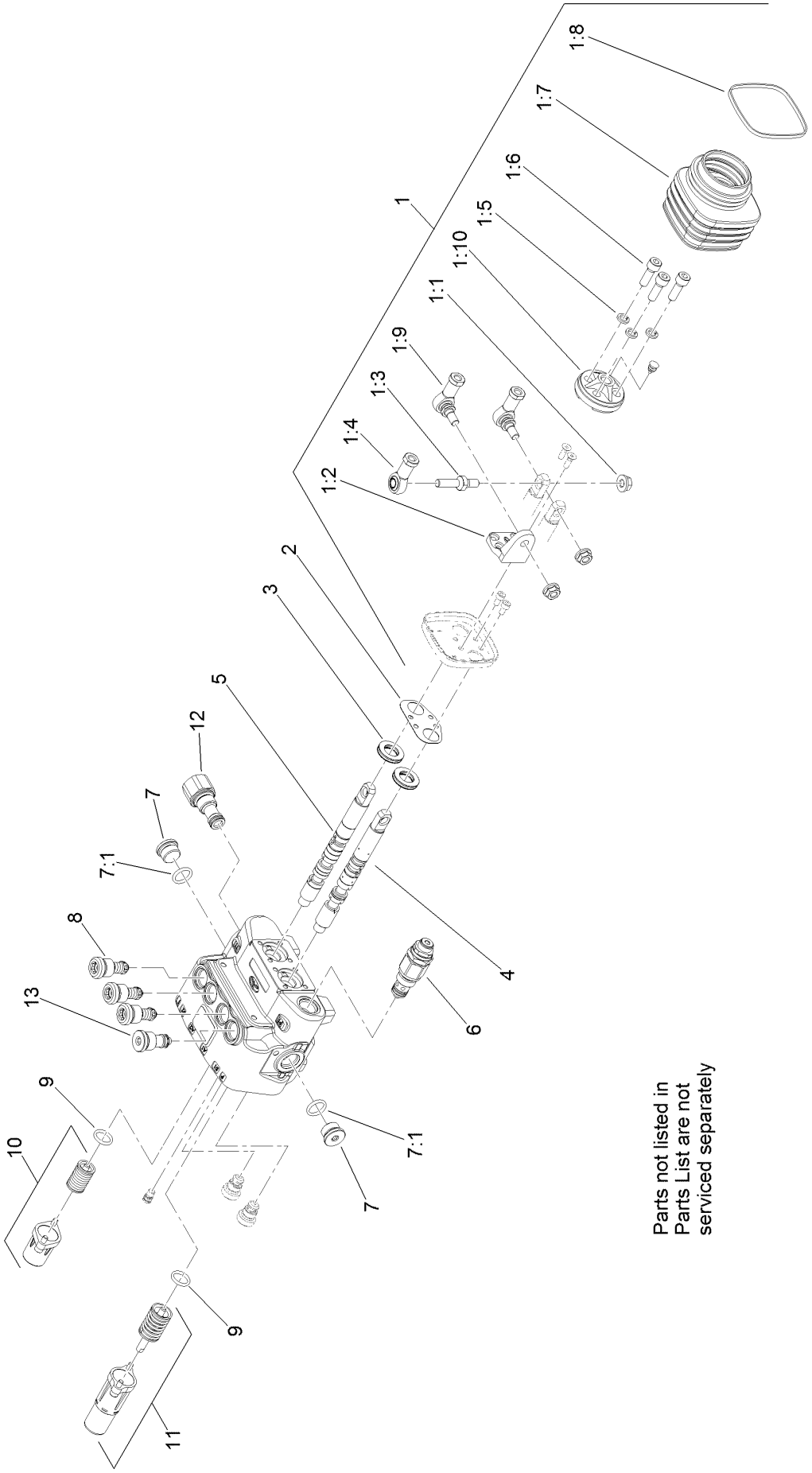
2-Spool Valve and Auxiliary Valve Assembly



2-Spool Valve and Auxiliary Valve Assembly (continued)

Ref.	Part Number	Qty.	Description
1	144-7353	1	Valve-2 Spool
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-90
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	145-4402	1	Valve- Aux, Double Detent
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	139-0795	1	HYD Hose ASM
29	139-0796	1	HYD Hose ASM
30	139-0797	1	HYD Hose ASM
31	139-0798	1	HYD Hose ASM
32	139-0799	1	HYD Hose ASM
33	130-7565	1	Hose-Return
34	130-7566	1	Hose-Return
35	353-954	1	Fitting-Elbow, 90
35:1	237-79	1	O-Ring
36	353-987	1	Fitting-Elbow, 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-Shldr,HH
47	3296-42	1	Nut-Lock, NI
49	340-159	2	Elbow-90
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	131-9226	1	Hydraulic Tube ASM
57	33024-00	1	Nut-Lock, NI
58	237-42	1	O-Ring
59	3290-378	5	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
64	3334-945	2	Tie-Cable
65	340-82	3	Fitting-Elbow, 90 DEG
65:1	237-42	1	O-Ring
65:2	237-21	1	O-Ring
66	3234-34	2	Screw-HHF
67	158-627	1	Solenoid Valve
68	AU112950	2	Protector-Hose

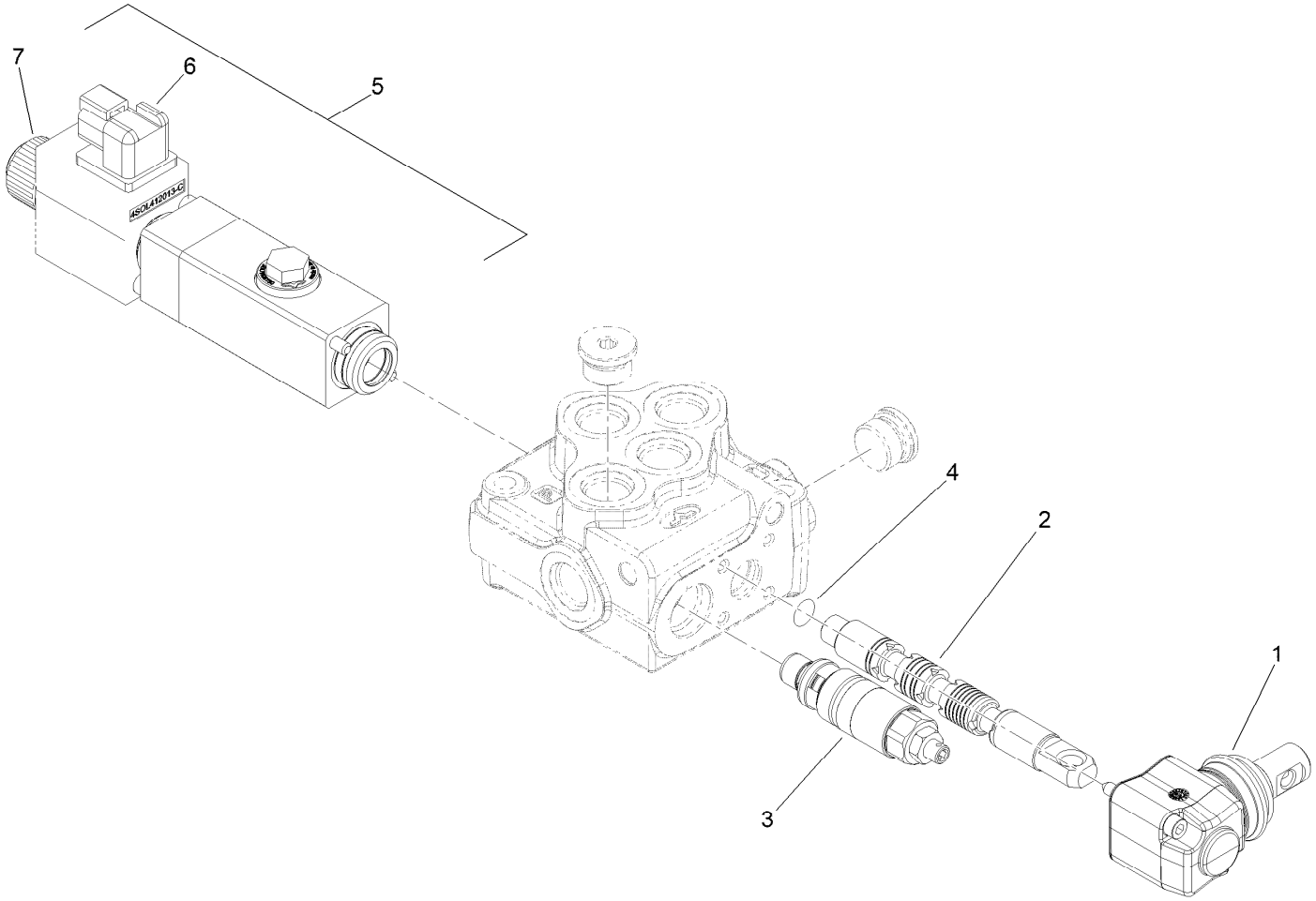
2-Spool Valve Assembly No. 144-7353



2-Spool Valve Assembly No. 144-7353 (continued)

Ref.	Part Number	Qty.	Description
1	106-7724	1	Joystick Kit
1:1	98-0668	3	Nut
1:2	106-7726	1	Pivot-Joystick
1:3	106-7727	1	Pin-Joystick
1:4	106-7728	1	End-Rod
1:5	42-9850	3	Washer-Lock, Spring
1:6	98-5828	3	Screw-HSH
1:7	106-7729	1	Bellow-Rubber
1:8	3290-379	1	Tie-Cable
1:9	106-7730	2	Joint-Joystick
1:10	106-7731	1	Holder-Articulated
2	106-7725	1	Seal-Joystick
3	106-7738	2	Seal-Valve, Spool
4	144-7350	1	Spool - Valve
5	106-7736	1	Spool-Valve
6	132-6031	1	Valve-Relief, Main
7	353-988	2	Plug-Hex
7:1	237-79	1	O-Ring
8	106-7734	3	Valve-Relief
9	106-7719	2	Seal-Valve
10	106-7732	1	Valve Spring Kit
11	106-7733	1	Detent Spring Kit
12	132-6032	1	Joint-SAE 8
13	132-6033	1	Plug

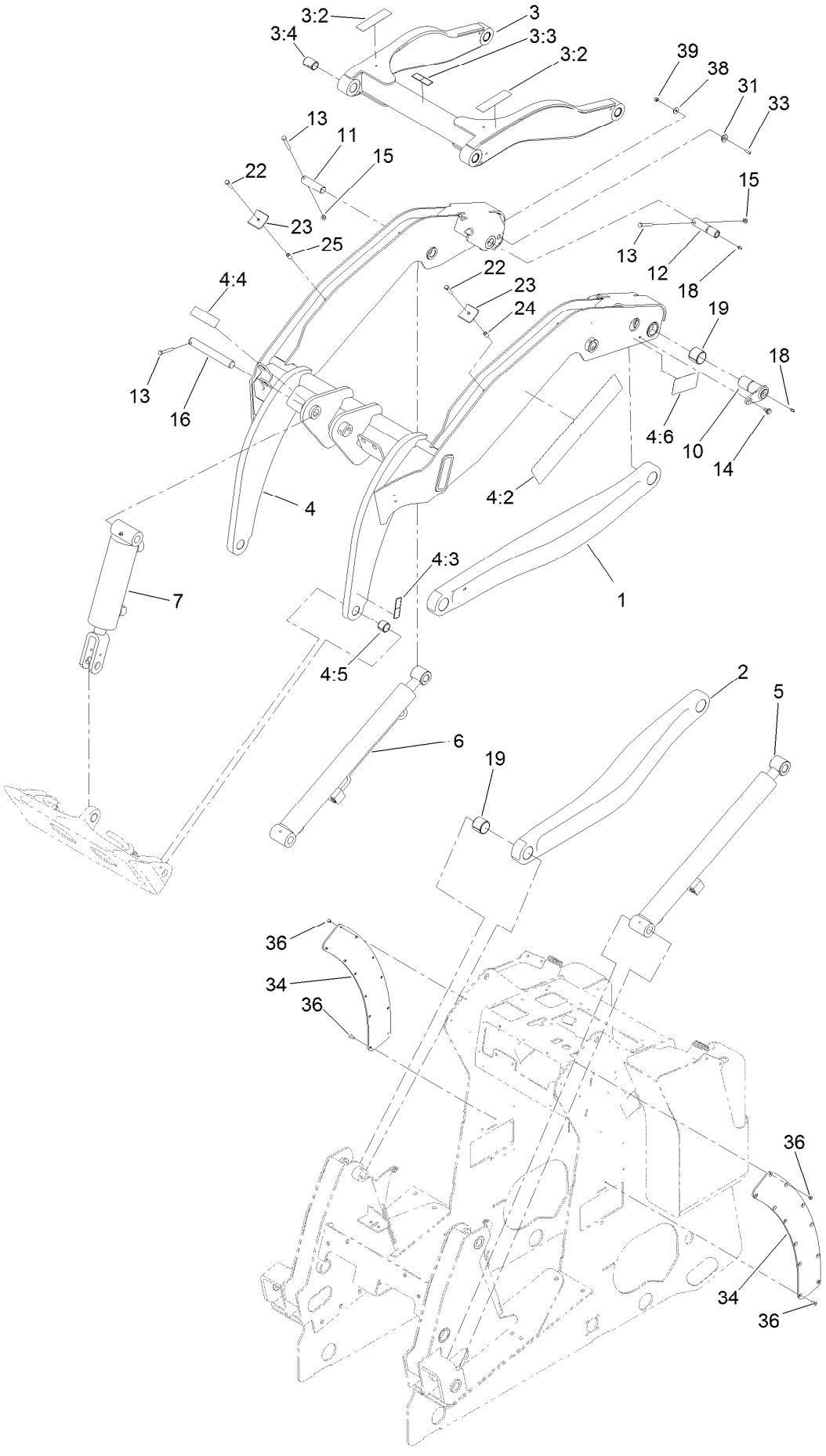
Double Detent Auxiliary Valve
Assembly No. 145-4402



Double Detent Auxiliary Valve
Assembly No. 145-4402 (continued)

Ref.	Part Number	Qty.	Description
1	132-6038	1	Lever Kit (With Screws)
2	145-4403	1	Spool-Valve
3	132-6039	1	Valve-Relief
4	106-7719	1	Seal-Valve
5	145-4404	1	Kit-Valve, Spring/Coil ASM
6	136-5811	1	Coil-Valve
7	145-4405	1	Pull Tube, Valve

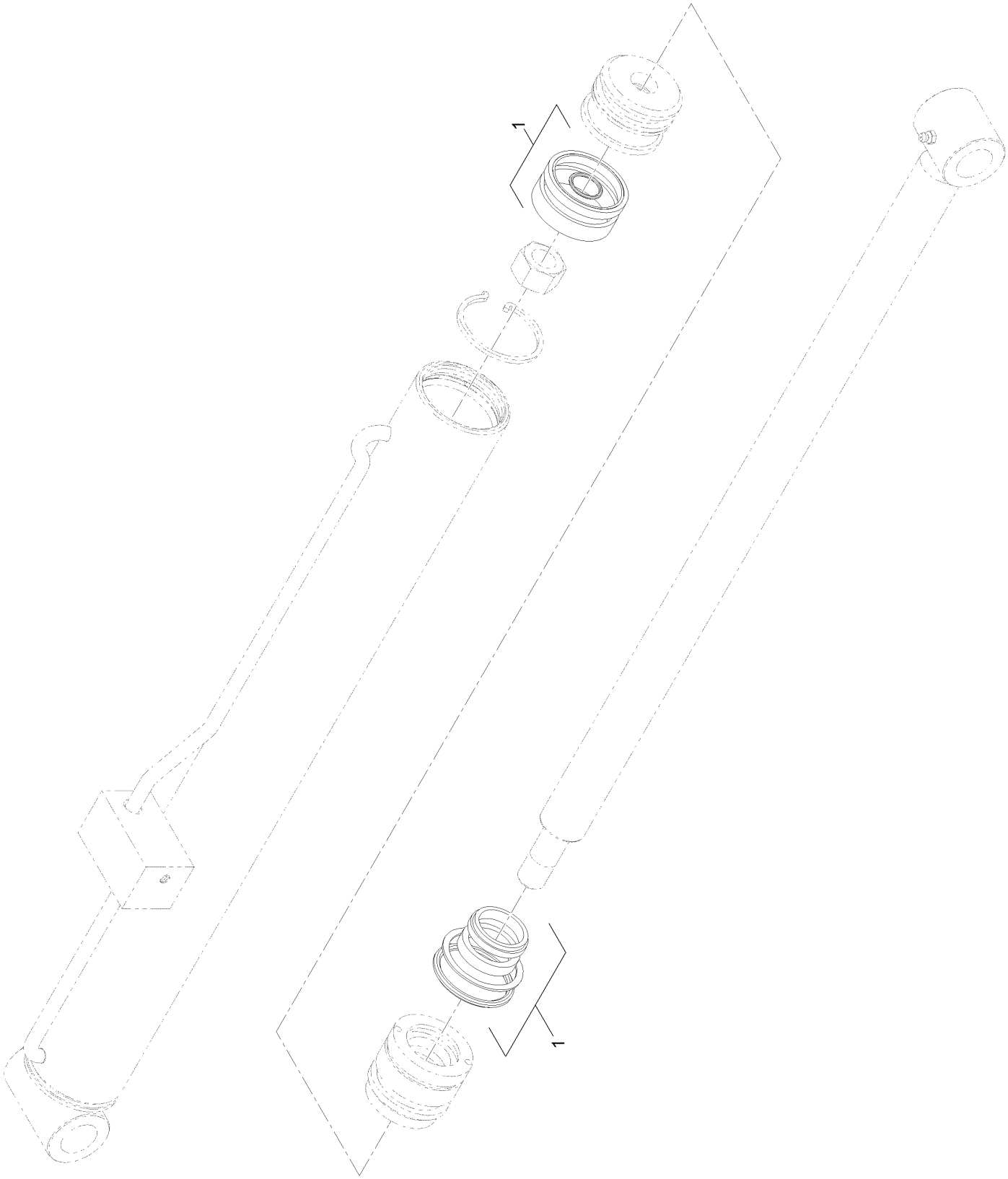
Loader Arm Assembly



Loader Arm Assembly (continued)

Ref.	Part Number	Qty.	Description
1	130-5151-03	1	Link-Lower, LH
2	130-5153-03	1	Link-Lower, RH
3	130-5318	1	Link-Upper
3:2	130-2836	2	Decal-Warning, Crushing
3:3	120-0625	1	Decal-Warning
3:4	130-5200	4	Bushing-Spring
4	131-8024	1	Arm-Loader
4:2	133-0216	2	Decal-Tx1000,
4:3	120-0625	2	Decal-Warning
4:4	115-4855	1	Decal-Caution
4:5	98-4871	2	Bushing-Tension
4:6	131-0711	2	Decal-Warning
5	139-0781	1	CYL-HYD LH
6	139-0780	1	CYL-HYD RH
7	139-0779	1	CYL-HYD
10	136-4708	2	Pin-Pivot
11	130-5178	2	Pin-Pivot
12	125-3695	2	Pin-Link
13	3274-40	5	Screw-HSH
14	99-5105	2	Screw-Shoulder
15	3296-29	4	Nut-Lock, NI
16	130-5210	1	Pin-Locking
18	302-5	4	Fitting-Grease
19	130-5199	4	Bushing-Spring
22	5-1470	4	Screw-HH
23	130-5221	4	Plate-Holddown, Hose
24	131-9150	2	Spacer-Hose
25	131-9151	2	Spacer-Hose
31	133-1666	2	Guide
33	3274-31	2	Screw-HSBH
34	131-0596	2	Pad-Wear, Frame
36	ST80422	16	Screw
38	87-6630	2	Washer-Plain
39	3296-42	2	Nut-Lock, NI

Hydraulic Cylinder Assembly No. 139-0781

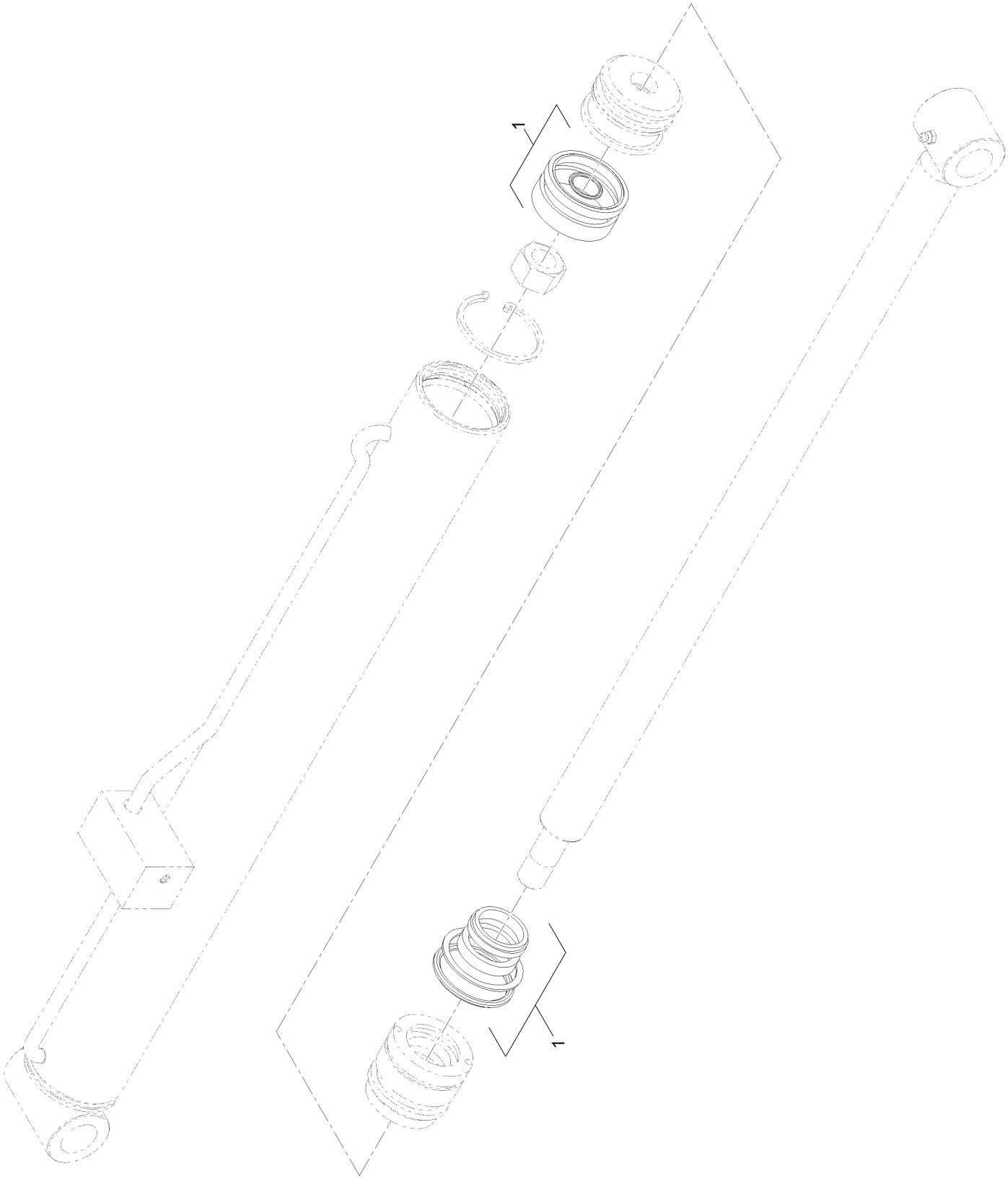


Hydraulic Cylinder Assembly No. 139-0781 (continued)

Ref.	Part Number	Qty.	Description
1	140-5309	1	Kit-Seal, Hydraulic CYL
1:1		1	[pubs=prunechild] ●
1:2		1	Retaining Ring Internal 2.25" S ●
1:3		2	Retaining Ring Remov Tool 2.25 ●
1:4		1	Clamp Gear 2.25" ●
1:5		1	Wear Ring2.25-2.13-0.250 ●
1:6		1	Wear Ring 1.37-1.25-0.250 ●
1:7		1	Seal Zurcon U-Cup Ru9 1.25 ●
1:8		1	Seal Zurcon Wynseal 2.25"-ISO ●
1:9		1	Seal Zurcon Glyd Ring P 2.25 ●
1:10		1	Seal Wiper 1.25 Snap In Da24 ●
1:11		1	Seal Dual 2.25 Z22 Pu ●
1:12		1	Seal Kit Stuff Wire Rng Repair ●
1:13		1	Seal Kit Stuff Tss Seals ●
1:14		1	Label Bag Top Sato Printer ●
1:15		1	Bag Poly 4 1/2 X 6 X .004 Mil. ●
1:16		1	Bag Top Lion 4" X 4" ●

● Not serviced separately

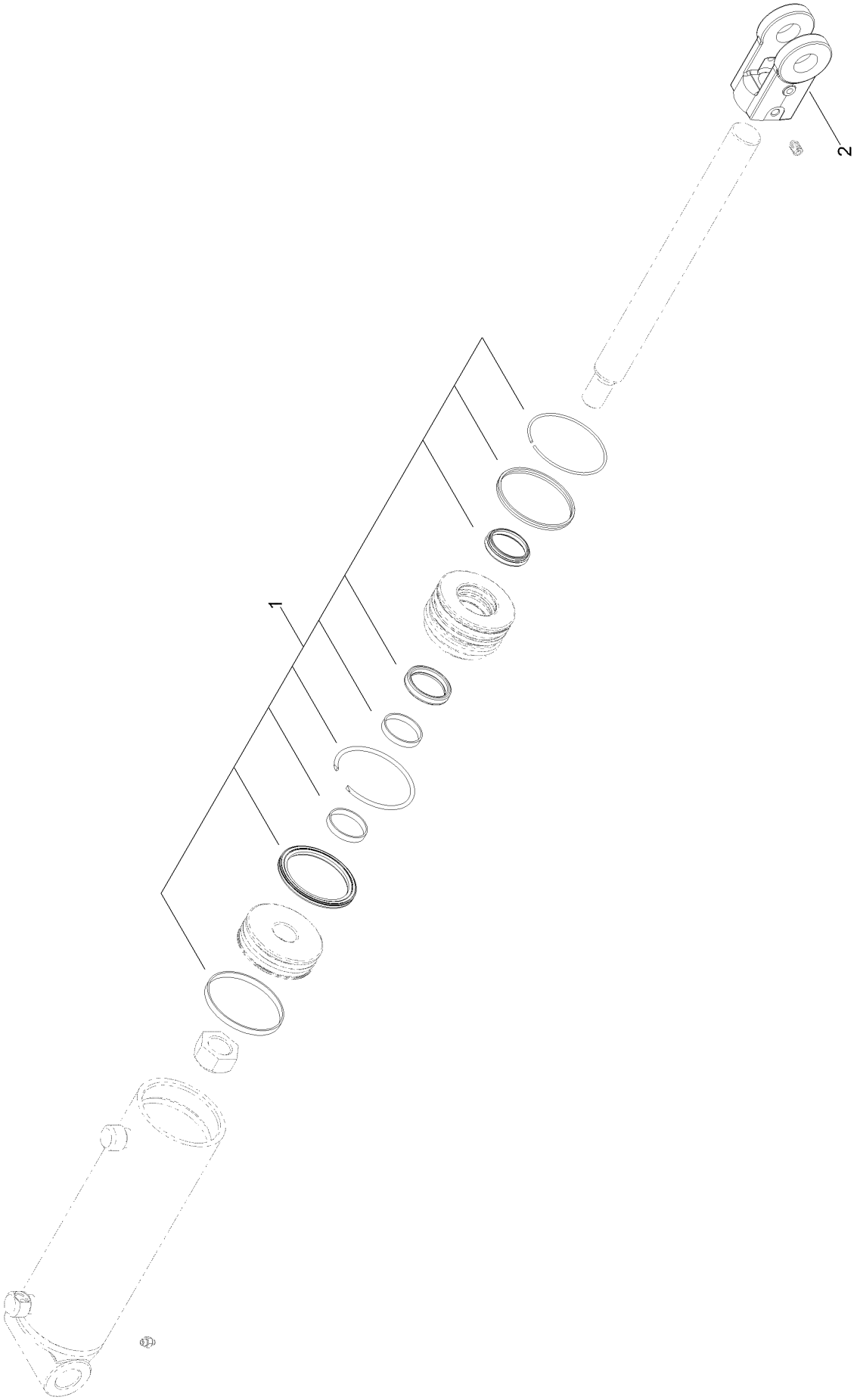
Hydraulic Cylinder Assembly No. 139-0780



Hydraulic Cylinder Assembly No. 139-0780 (continued)

Ref.	*Part Number*	*Qty.*	*Description*
1	140-5309	1	Kit-Seal, Hydraulic CYL

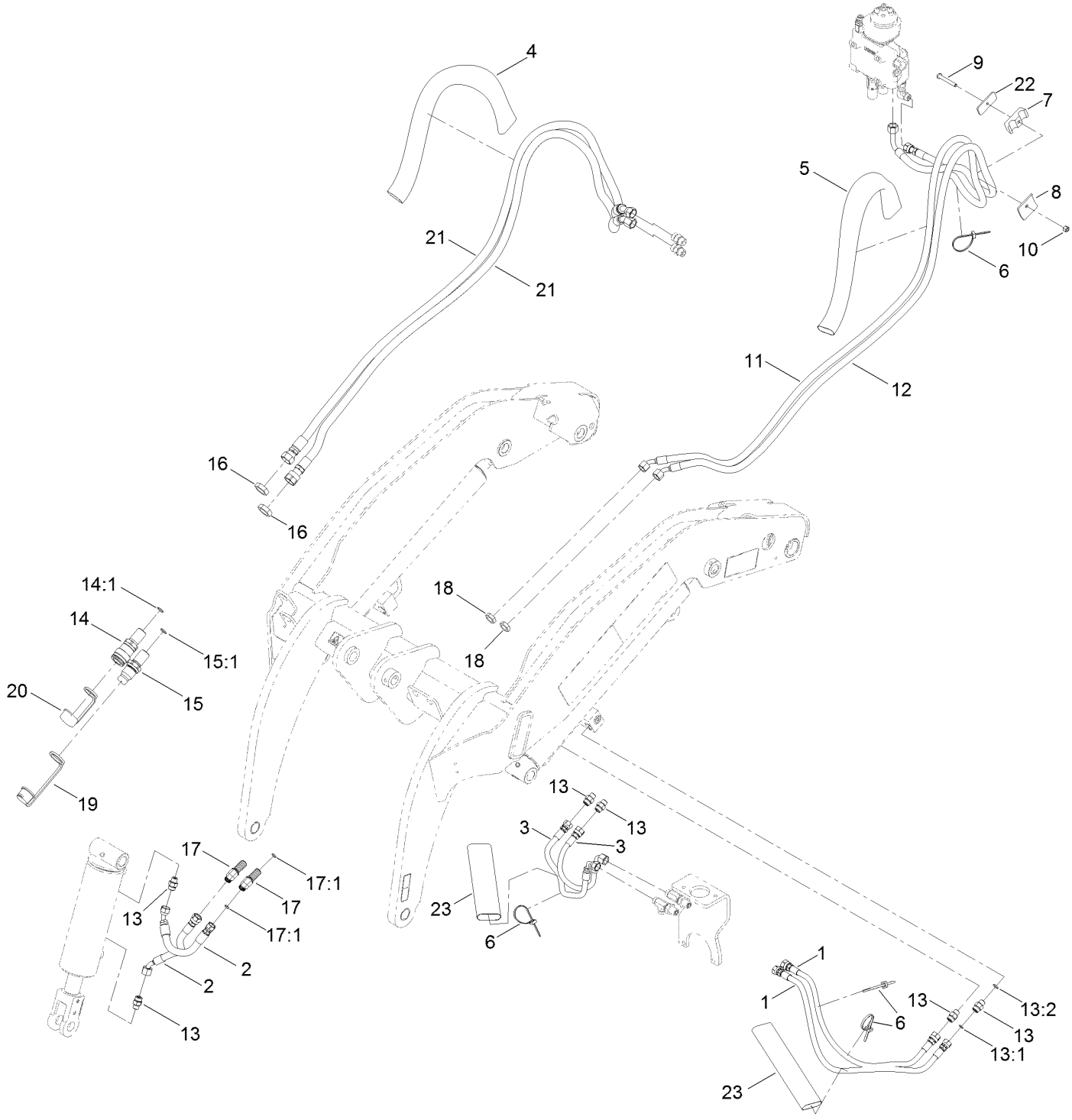
Hydraulic Cylinder Assembly No. 139-0779



Hydraulic Cylinder Assembly No. 139-0779 (continued)

Ref.	*Part Number*	*Qty.*	*Description*
1	140-5308	1	Seal Kit
2	163-8918	1	Rod-Clevis

Loader Hydraulic Assembly

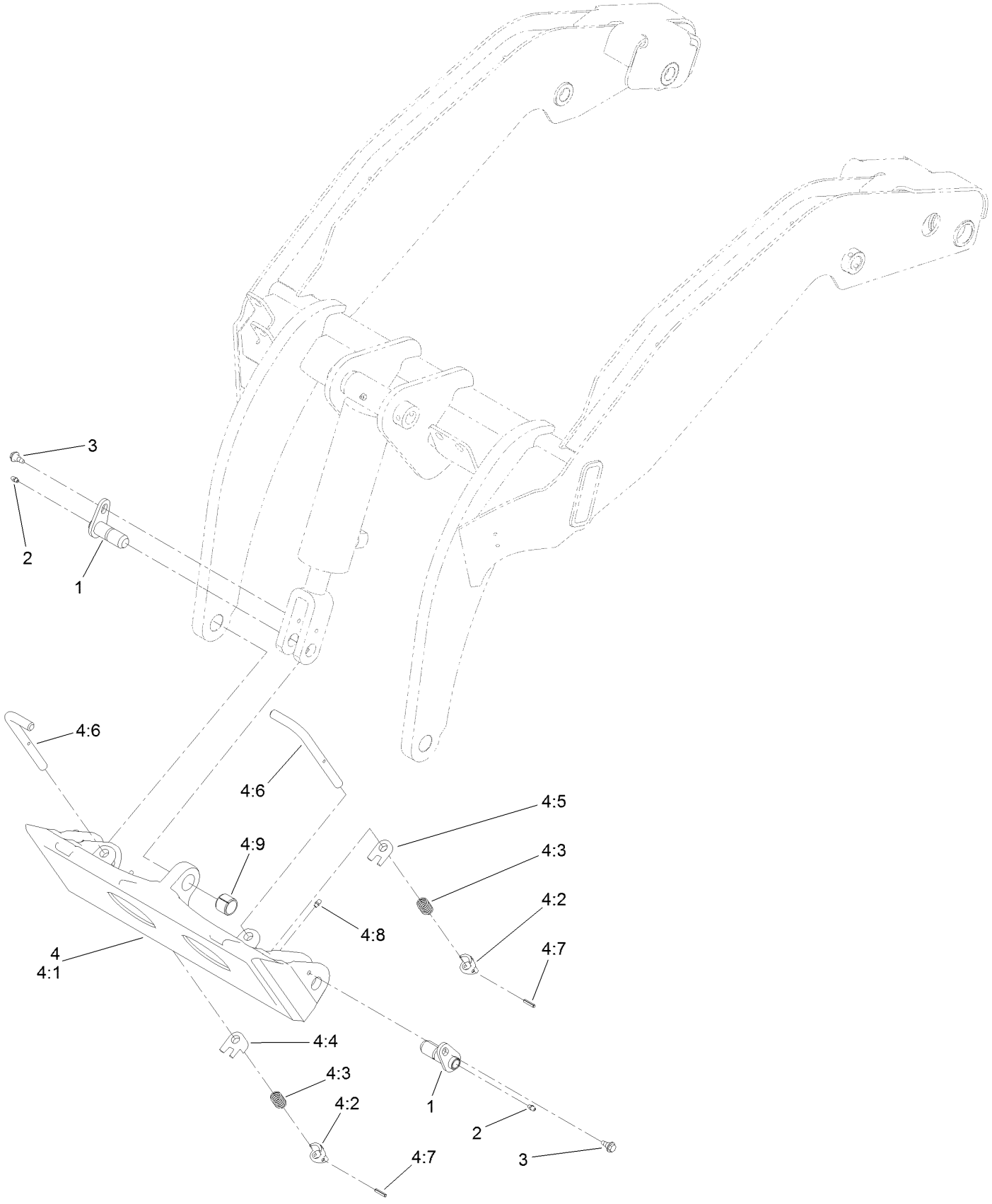


Loader Hydraulic Assembly (continued)

Ref.	Part Number	Qty.	Description
1	139-0801	2	HYD Hose ASM
2	139-0802	2	HYD Hose ASM
3	139-0803	2	HYD Hose ASM
4	130-7718	1	Sleeve-Protective
5	100-6128	1	Sleeve-Protective
6	3290-378	4	Tie-Cable
7	94-8105	2	Clamp-Tube
8	130-5221	2	Plate-Holddown, Hose
9	9114524	2	Bolt-TAP, HH
10	3296-29	2	Nut-Lock, NI
11	139-0804	1	HYD Hose ASM
12	139-0805	1	HYD Hose ASM
13	340-2	6	Fitting-Straight
13:1	237-22	1	O-Ring
13:2	237-42	1	O-Ring
14	105-8394	1	Bulkhead Coupler ASM
14:1	237-65	1	O-Ring
15	105-8395	1	Bulkhead Nipple ASM
15:1	237-65	1	O-Ring
15:2	100-6120	1	Seal Kit ●
16	340-74	2	Nut-Lock, Bulkhead
17	340-69	2	Elbow-Bulkhead, 45 DEG
17:1	237-22	2	O-Ring
18	340-70	2	Nut-Lock
19	100-8815	1	Cap-Dust, Nipple
20	100-8816	1	Cap-Dust, Coupler
21	139-0806	2	HYD Hose ASM
22	131-9152	2	Plate-Clamp, Hose
23	133-8568	2	Sleeve-Protective

● Not illustrated

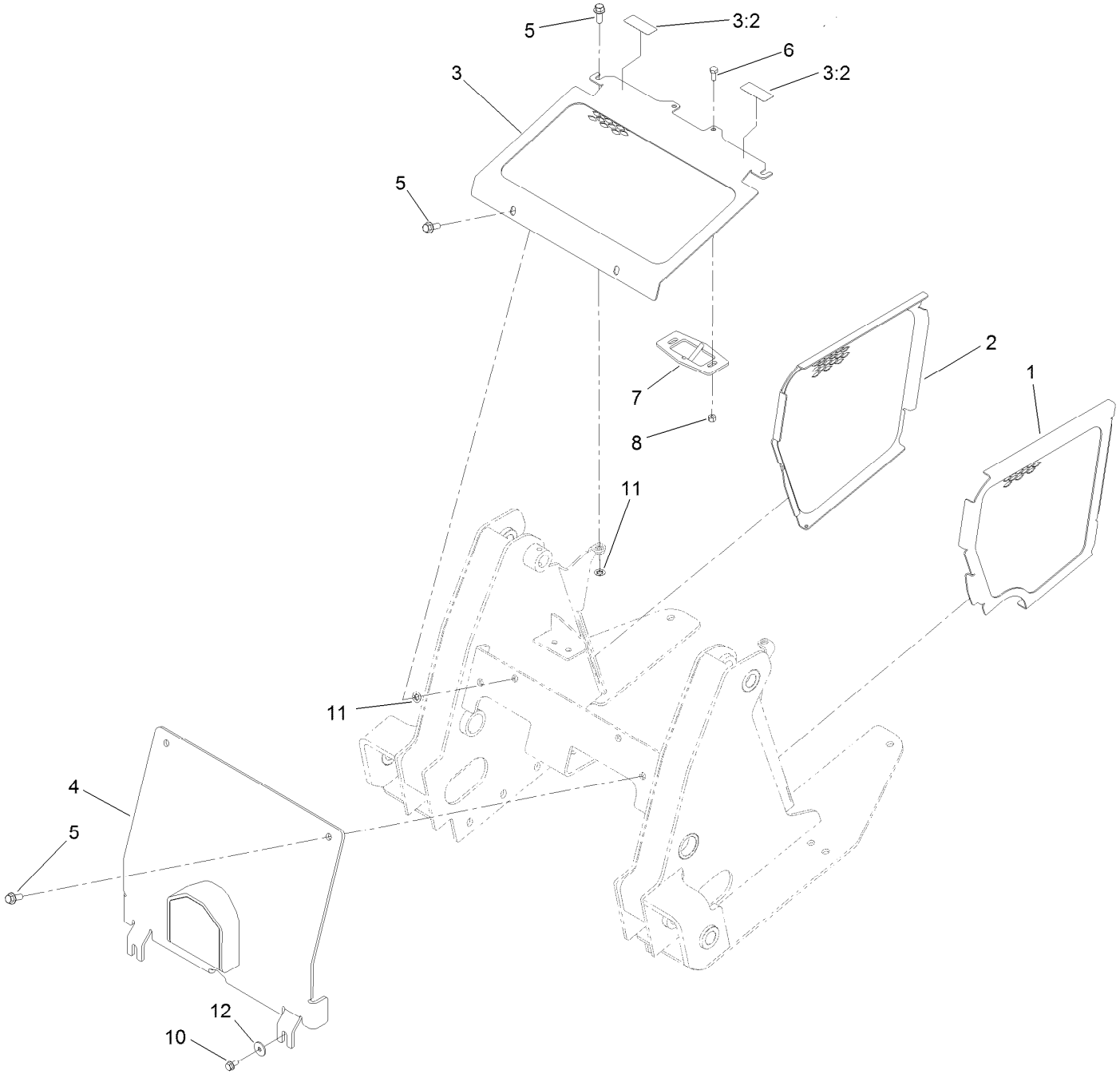
Quick Attach Assembly



Quick Attach Assembly (continued)

Ref.	Part Number	Qty.	Description
1	130-5222	3	Pin-Pivot
2	302-5	3	Fitting-Grease
3	99-5105	3	Screw-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
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

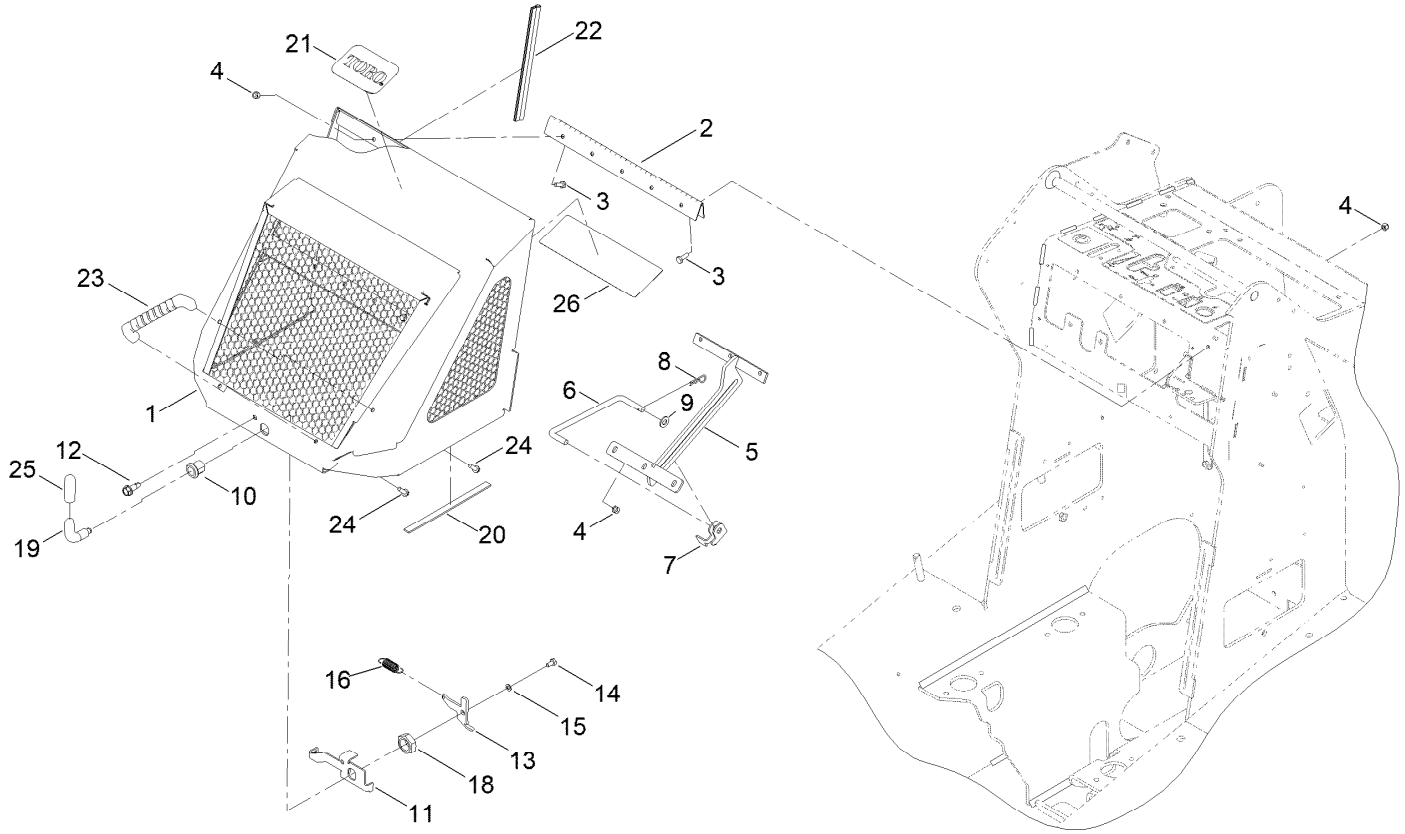
Front Cover and Side Panel Assembly



Front Cover and Side Panel Assembly (continued)

Ref.	Part Number	Qty.	Description
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
6	322-3	2	Screw-HH
7	130-5239-03	1	Hood Latch/Rod ASM
8	3296-29	2	Nut-Lock, NI
10	3234-5	2	Screw-HHF
11	107-3154	2	Nut-Push
12	115-7109	2	Washer-Flat

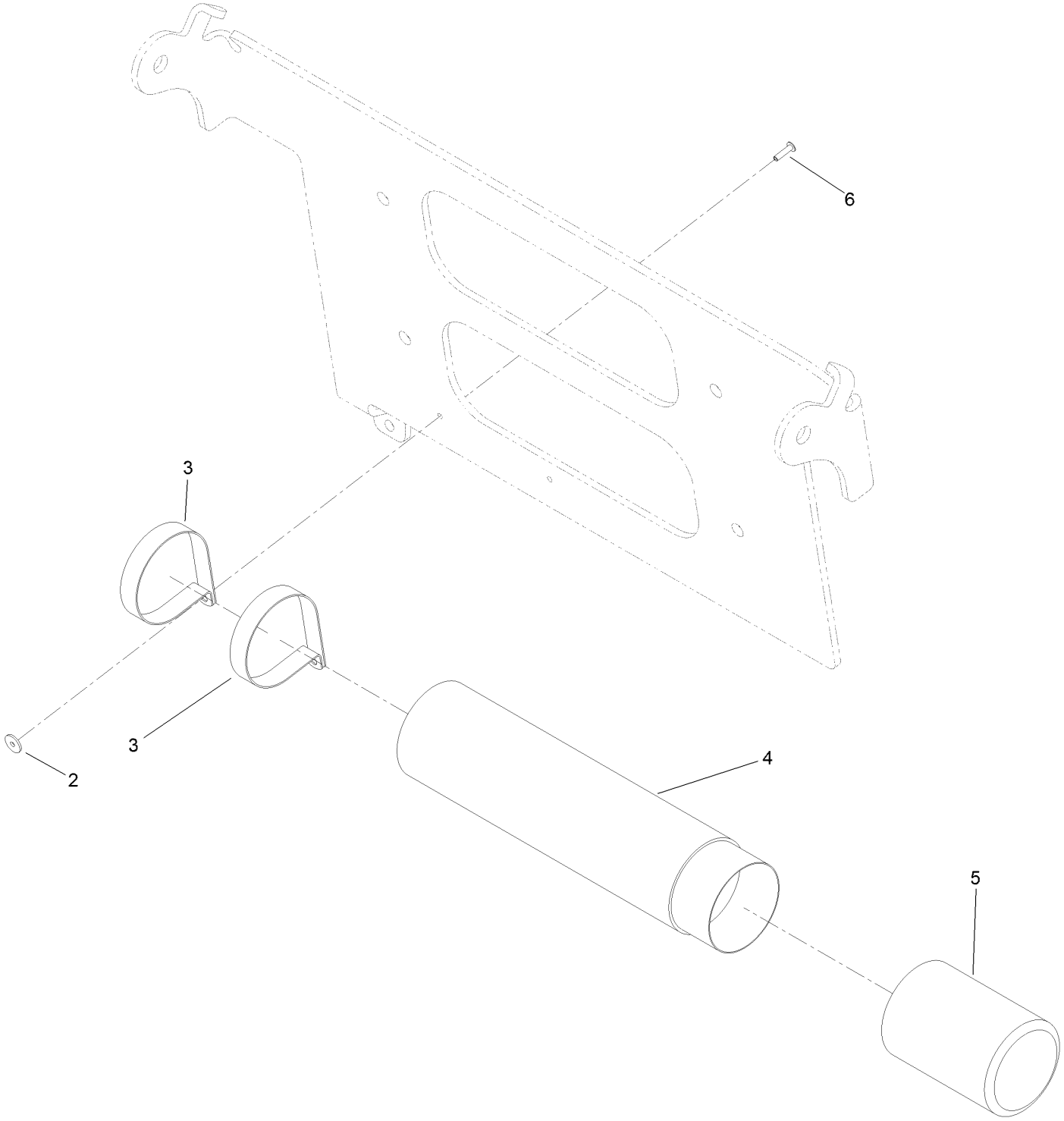
Hood Assembly



Hood Assembly (continued)

Ref.	Part Number	Qty.	Description
1	130-5298-03	1	Engine Hood ASM
2	100-1284	1	Hinge-Hood
3	321-4	12	Screw-HH
4	3296-42	12	Nut-Lock, NI
5	130-5228-03	1	Bracket-Prop, Hood
6	108-6357	1	Rod-Support, Hood
7	115-0714	1	Bracket-Latch, Locking
8	3290-250	1	Pin-Cotter
9	3256-24	1	Washer-Plain
10	106-9335	1	Housing-Latch
11	130-5232-03	1	Bracket-Latch
12	105-6245	1	Screw-Tapping
13	130-5233	1	Cam-Hooked
14	321-2	1	Screw-HH
15	3253-3	1	Washer-Lock
16	104-0869	1	Spring
18	119-7457	1	Nut
19	108-5639	1	Handle-Latch
20	132-7282	2	Strip-Foam
21	117-0871	1	Decal
22	130-5345	1	Trim-Seal, Bulb
23	65-5100	2	Handle-Door
24	46-8091	4	Screw-HWH
25	133-0206	1	Grip-Lever, Hood
26	139-8822	1	Decal-Service Tx1000 De
26	139-8826	1	Decal-Service Tx1000 ES
26	139-8831	1	Decal-Service Tx1000 Fr
26	139-8836	1	Decal-Service Tx1000 It
26	139-8841	1	Decal-Service Tx1000 Ne
26	139-8846	1	Decal-Service Tx1000 Pl
26	139-8851	1	Decal-Service Tx1000 Ru
26	139-8856	1	Decal-Service Tx1000 Sk
26	140-3619	1	Decal, Service Tx1000

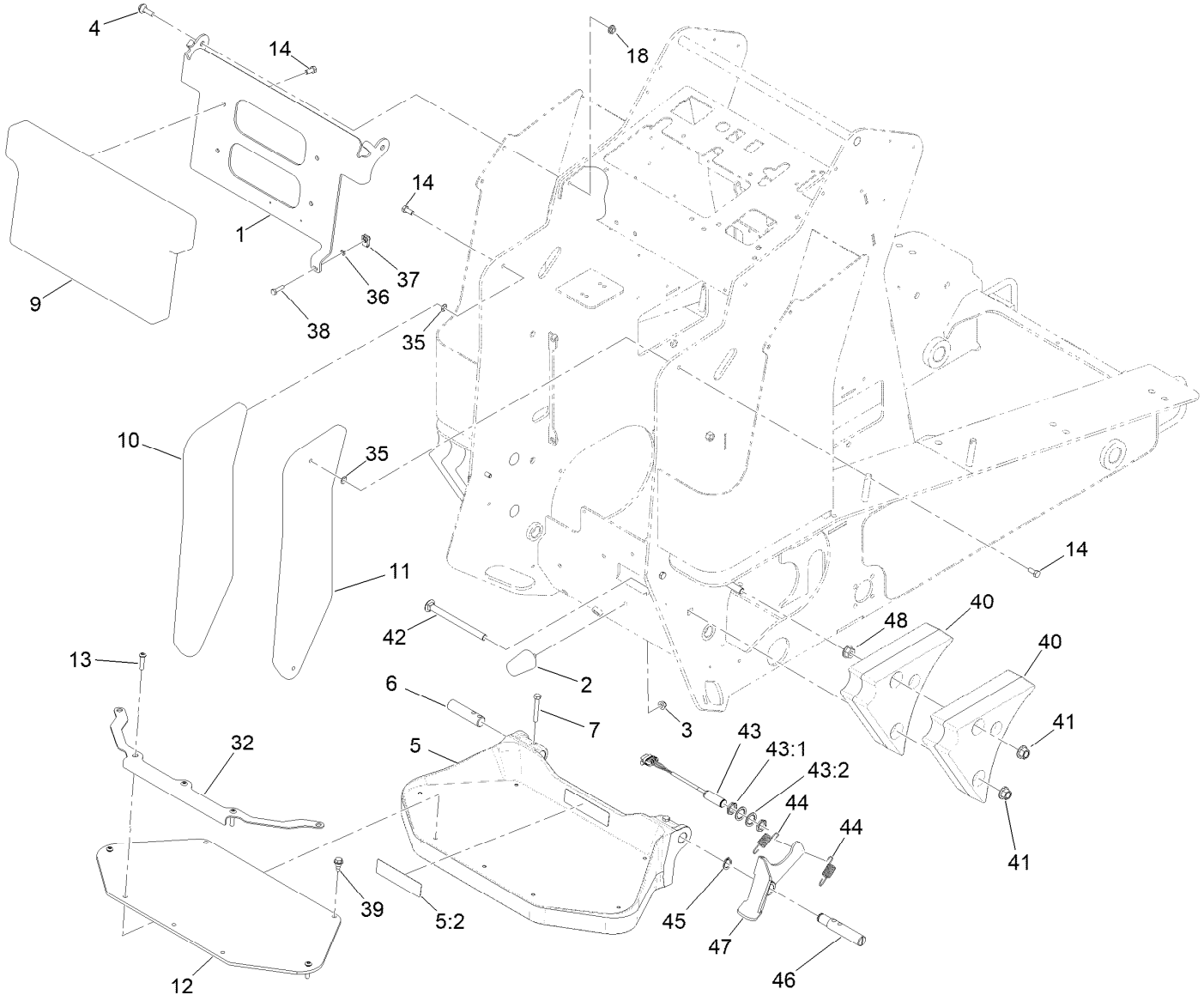
Manual Tube Assembly



Manual Tube Assembly (continued)

Ref.	Part Number	Qty.	Description
2	3269-10	2	Washer-Back
3	2412-120	2	Clamp-R
4	104-7050	1	Tube-Manual
5	104-7048	1	Cap-Housing
6	3269-17	2	Rivet-Pop

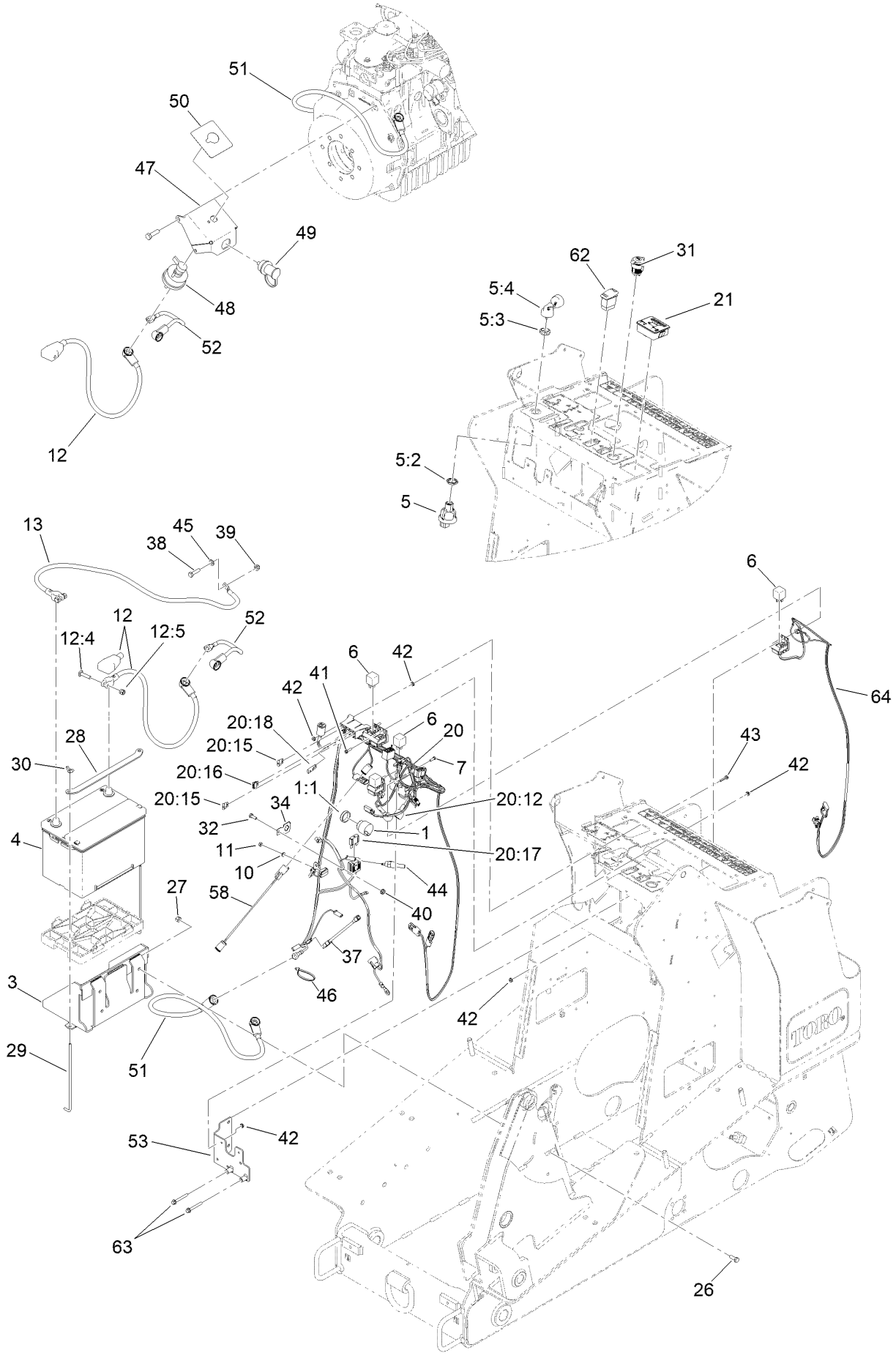
Platform Assembly



Platform Assembly (continued)

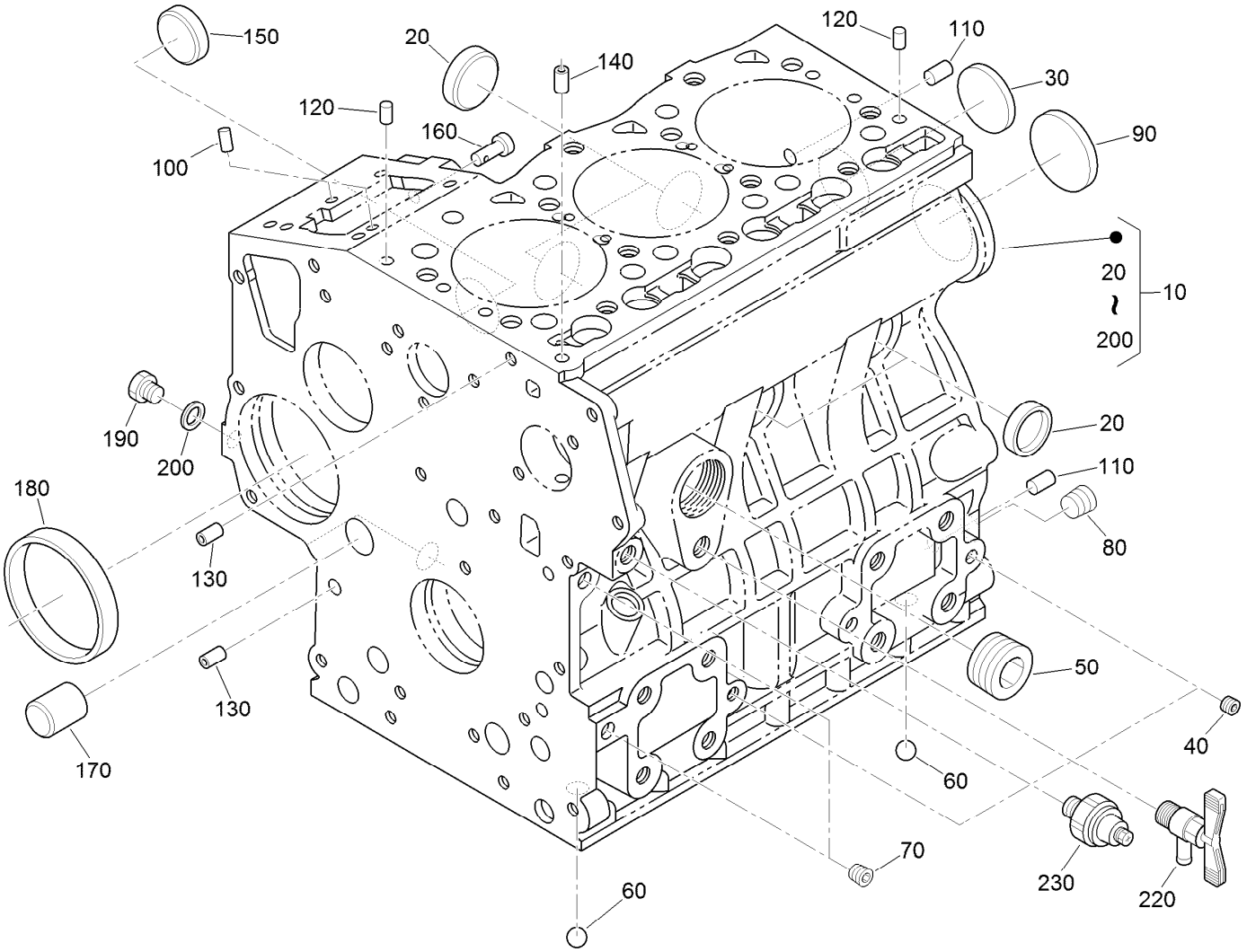
Ref.	Part Number	Qty.	Description
1	132-6026-03	1	Hinge-Pad
2	110-5070	3	Bumper
3	104-8300	3	Nut-HF, NI
4	108-3744	2	Screw-Shoulder
5	145-3785	1	Platform
5:2	131-0709	1	Decal-Parking Brake
6	125-3749	2	Pin-Cylinder
7	322-11	2	Screw-HH
9	130-1042	1	Cushion-Pad
10	130-1043	1	Cushion-Pad
11	130-1044	1	Cushion-Pad
12	144-7382	1	Pad-Foot
13	3290-511	5	Screw-HSBH
14	322-3	8	Screw-HH
18	32128-20	2	Nut-HF
32	144-7371-03	1	Plate - Clamp
35	117-2749	2	Nut-Push
36	1-803037	1	Nut-Retaining
37	107069	1	Clip
38	321-6	1	Screw-HH
39	99-5105	2	Screw-Shoulder
40	140-7699-03	4	Plate, Weight
41	99-5107	4	Nut-HF Nylock
42	144-7373	4	Screw-CARR
43	115-5300	1	Proximity Switch ASM
43:1	117-3207	2	Nut-Hex
43:2	117-3208	2	Washer-Lock, Internal Tooth
44	137-6189	2	Spring-Extension
45	32120-93	1	Ring-Retaining
46	144-0754	1	Pin-Platform
47	145-3759-03	1	Pedal ASM [black]
48	32128-49	2	Nut-HHF

Electrical Assembly



Electrical Assembly (continued)

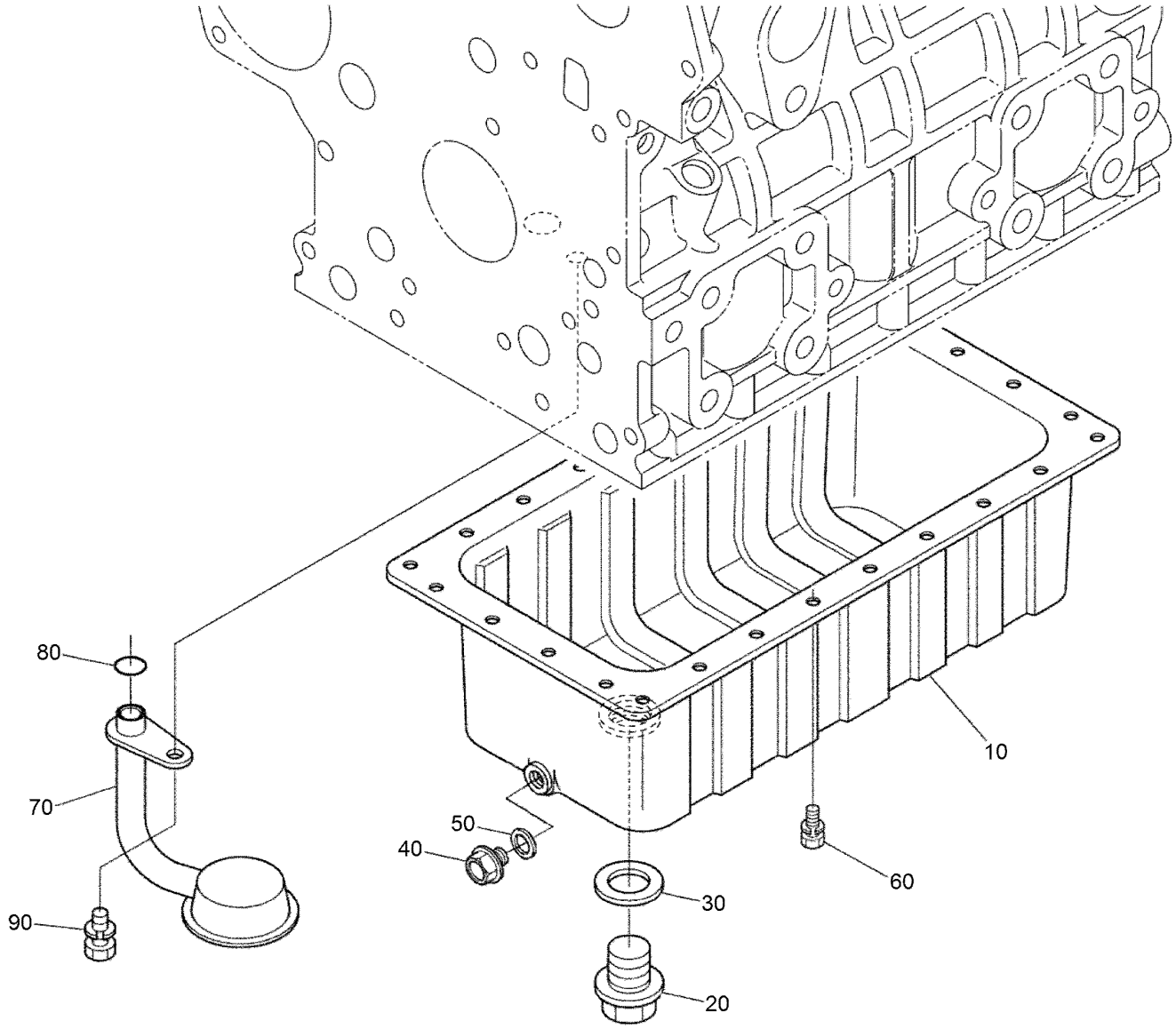
Ref.	Part Number	Qty.	Description
1	80-9330	1	Audio Alarm ASM
1:1	104-5107	1	Nut-Plastic, Knurled
3	130-5236-03	1	Tray-Battery
4	106-5190	1	Battery, 660 CCA W/O Electrolyte
5	121-5159	1	Switch-Ignition
5:2	121-5160	1	Nut-Hex
5:3	121-5161	1	Nut-Face
5:4	121-5162	1	Set-Key, Ignition
6	1-643275	6	Relay
7	3290-134	2	Screw
10	43-5930	1	Washer-Lock, Spring
11	43-2830	1	Nut-Hex
12	139-6366	1	Cable-Battery, Pos ASM
12:4	32180-109	1	Bolt-Battery Clamp, 5/16-18 Unc
12:5	32180-108	1	Nut-Hex Shoulder
13	104-0761	1	Cable-Negative
20	122-2123	1	Harness-Wire, Tx1000
20:12	103-3895	1	Diode
20:15	218-578	2	Fuse-Blade, 10 Amp
20:16	109355	2	Fuse-Blade, 15 Amp
20:17	94-8002	1	Fuse-Blade, 50 Amp
20:18	116-0053	1	Cap-Plug
21	130-7635	1	Module-Hour Meter
26	322-4	4	Screw-HH
27	3296-29	4	Nut-Lock, NI
28	136-5755-03	1	Strap-Hold Down, Battery
29	136-5756	2	Rod-Hold Down, Battery
30	1-803038	2	Wingnut
31	109-9376	1	Receptacle-12V
32	321-4	1	Screw-HH
34	114-5502	1	Clip-Fuse
37	112-2463	1	Harness-Link, Fusible
38	322-6	1	Screw-HH
39	104-8300	1	Nut-HF, NI
40	32128-33	1	Nut-HF
41	32105-13	3	Screw-HWH
42	32149-7	9	Nut-Keps
43	117-1701	2	Screw-HWHTF
44	98-3825	1	Switch-Temp
45	3256-23	1	Washer-Plain
46	3290-378	1	Tie-Cable
47	131-8009-03	1	Mount-Remote Terminal
48	AUR52278	1	Switch-Disconnect, Master
49	132-1364	1	Stud-Jumper, Positive
50	131-8026	1	Decal-Battery Disconnect
51	131-8032	1	Cable-Battery, Positive
52	122-0103	1	Cable-Battery, Positive
53	140-5895-0P	1	Bracket
58	136-5813	1	Harness-Wire
62	106-2027	1	Switch-Intermittent
63	3234-34	2	Screw-HHF
64	122-2349	1	Harness-Wire, Aux Hold



Crankcase Assembly

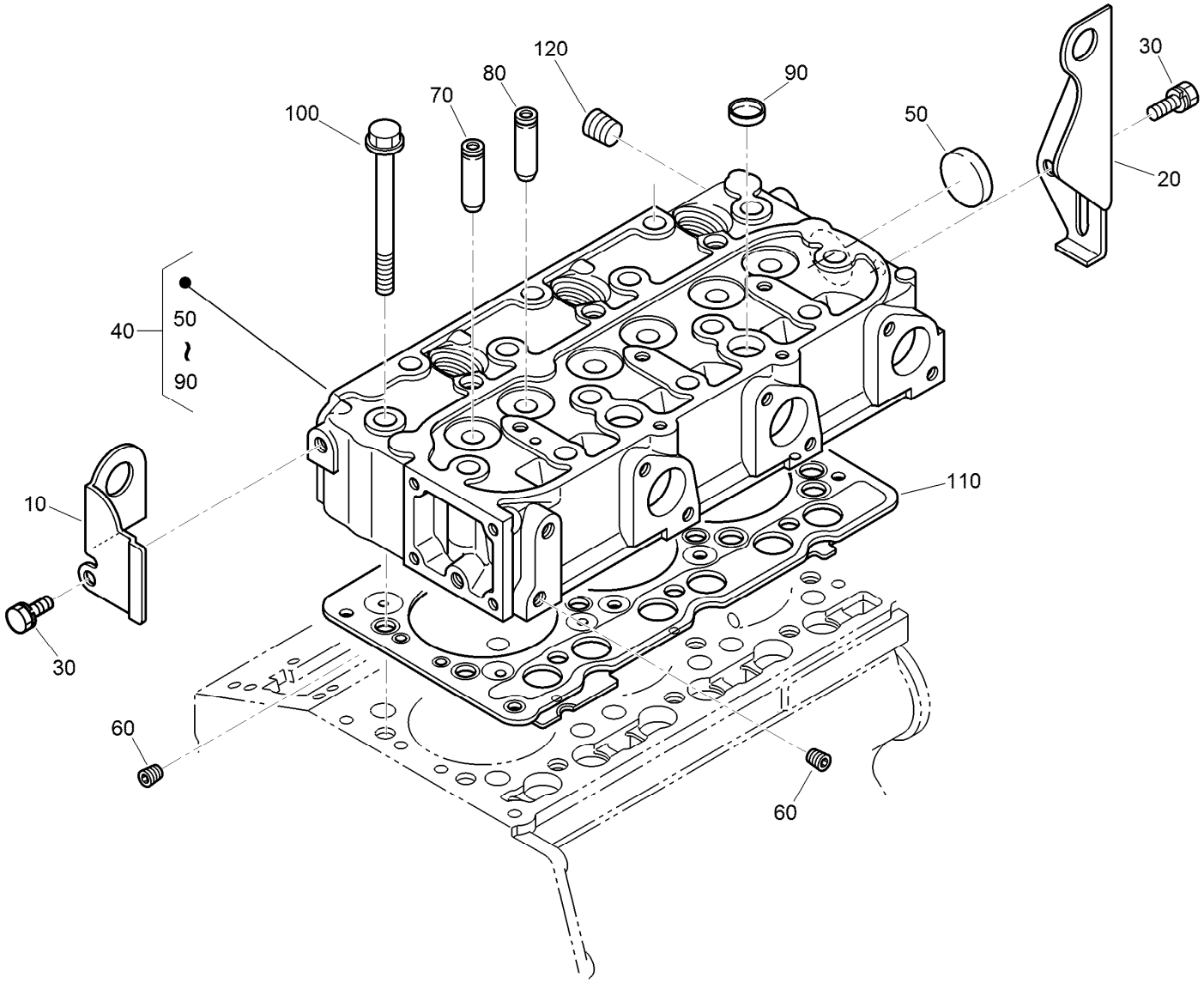
Ref.	Part Number	Qty.	Description
10	117-8800	1	Crankcase ASM
20	98-9398	4	Cap-Sealing
30	98-7539	1	Cap-Sealing
40	98-9687	6	Plug
50	105-3779	1	Plug
60	98-9380	2	Ball
70	98-7487	2	Plug
80	98-7488	1	Plug
90	98-9668	1	Plug-Expansion
100	98-9375	2	Pin-Straight
110	98-9377	2	Pin-Straight

Ref.	Part Number	Qty.	Description
120	98-9376	2	Pin-Straight
130	98-9387	2	Pin-Pipe
140	98-9539	1	Pin-Pipe
150	98-9599	1	Plug
160	98-9630	1	Pin-Spring, Start
170	98-9675	1	Plug
180	98-9656	1	Bushing-Governor, Gear
190	120-2559	1	Plug
200	98-7428	1	Gasket
220	120-3121	1	Draincock ASM
230	98-9416	1	Switch-Oil



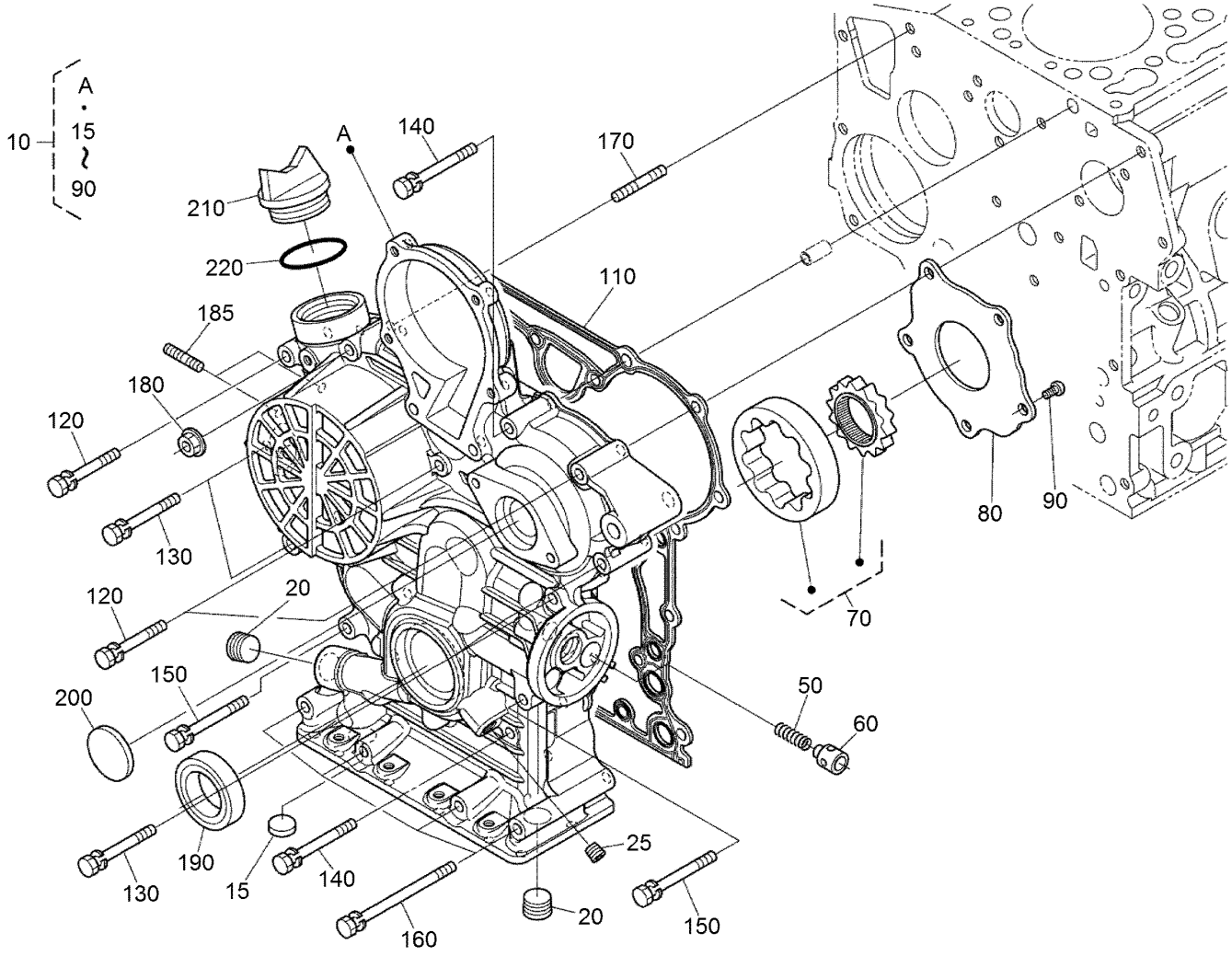
Oil Pan Assembly

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



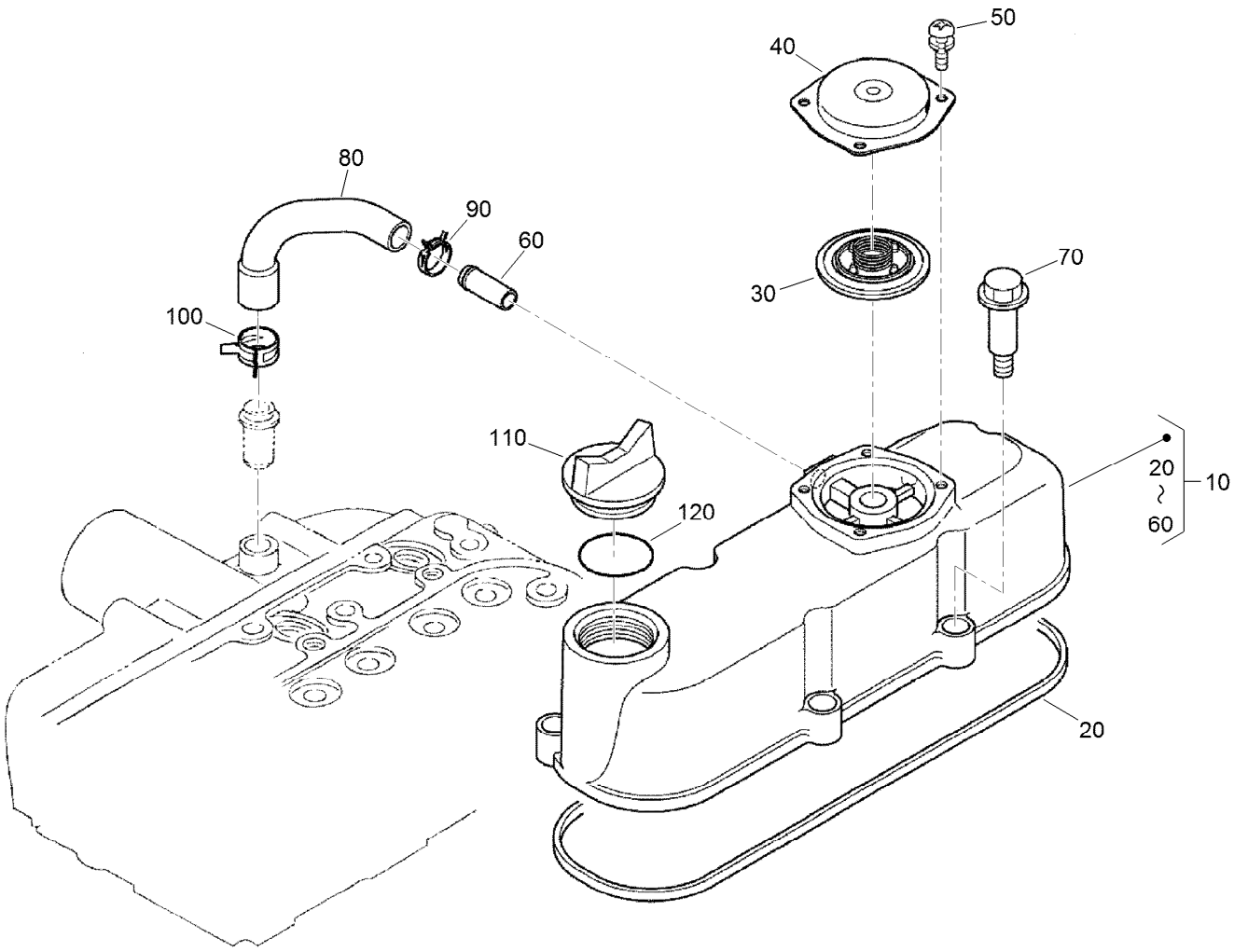
Cylinder Head Assembly

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



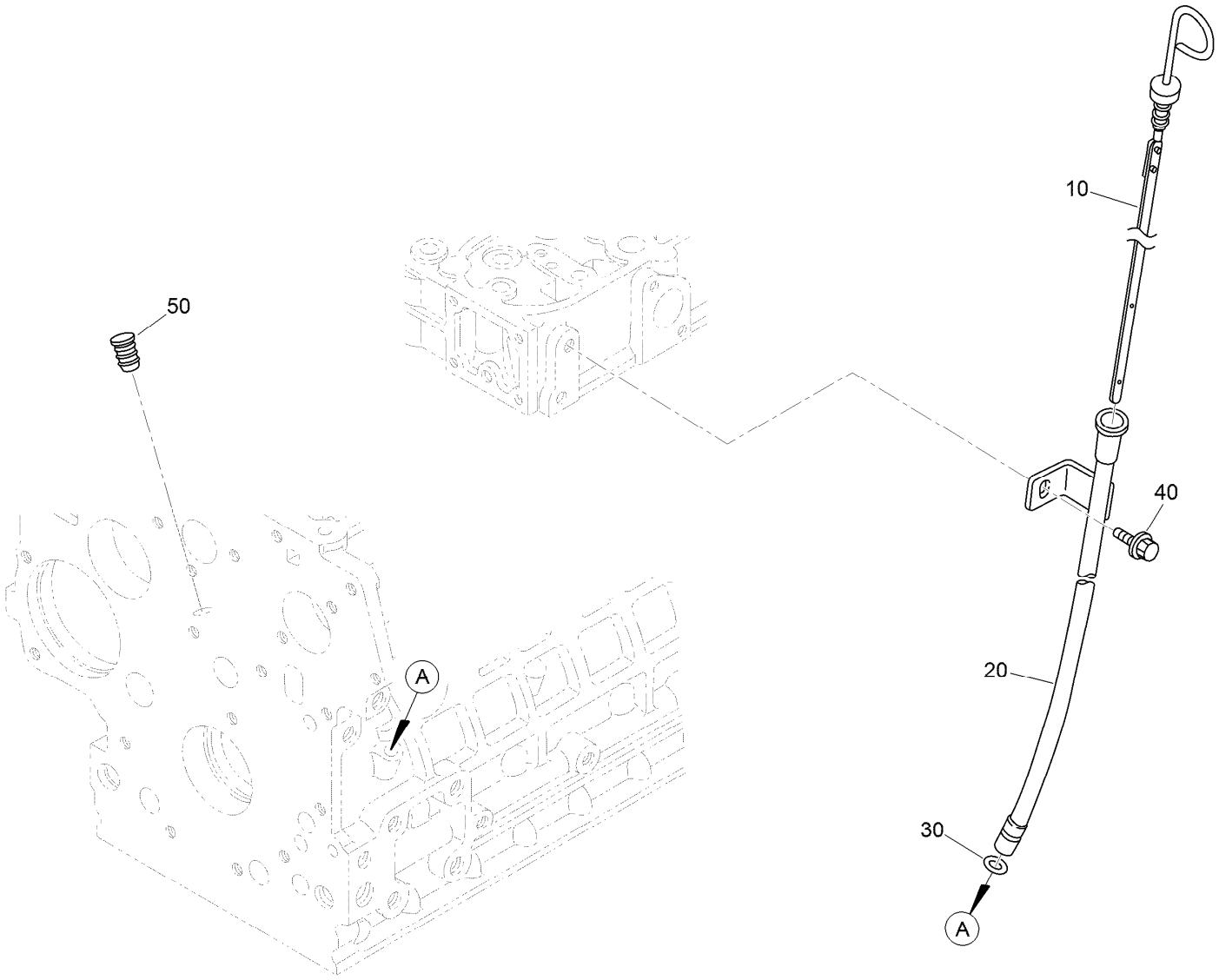
Gear Case Assembly

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
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



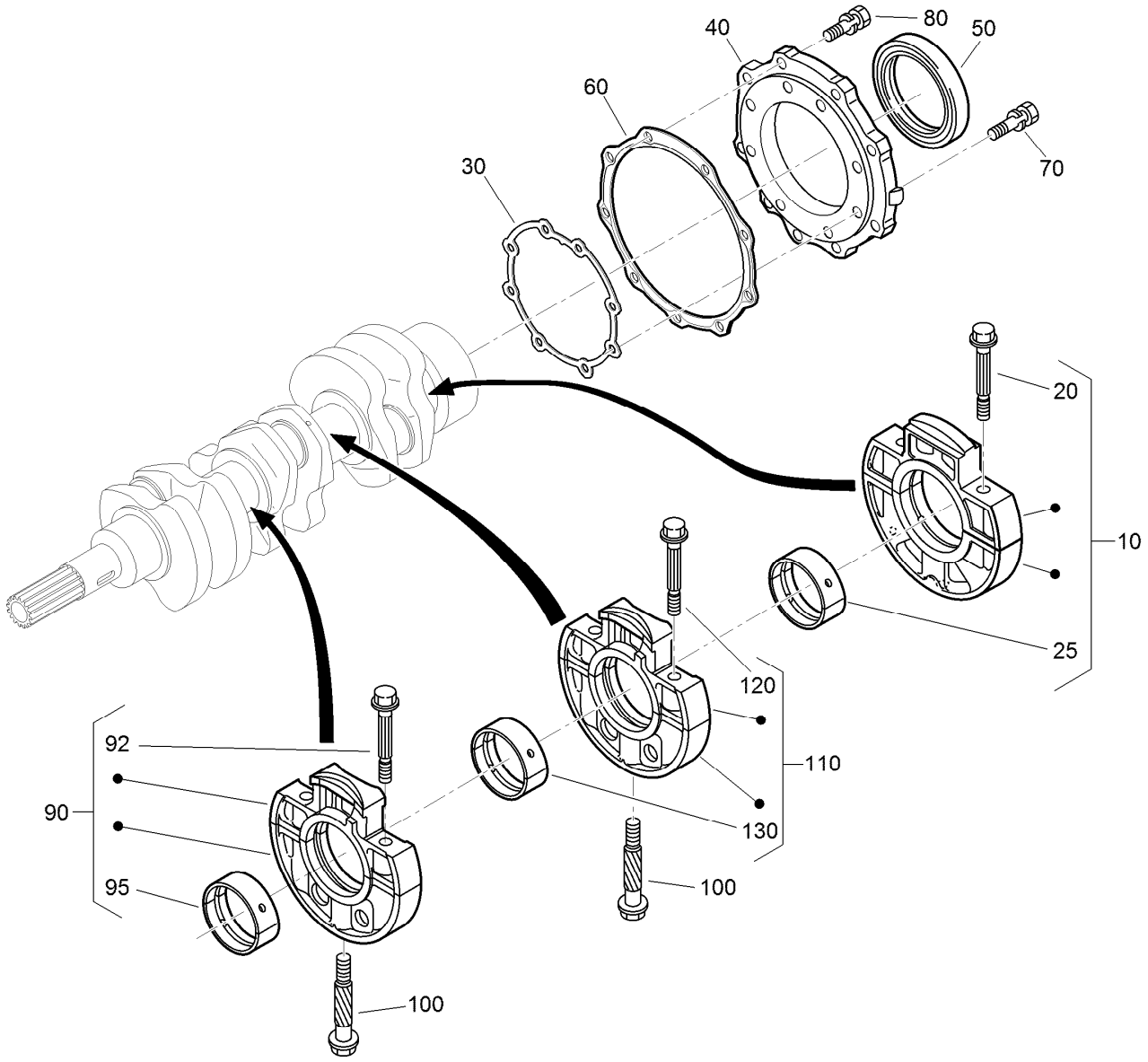
Cylinder Head Cover Assembly

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

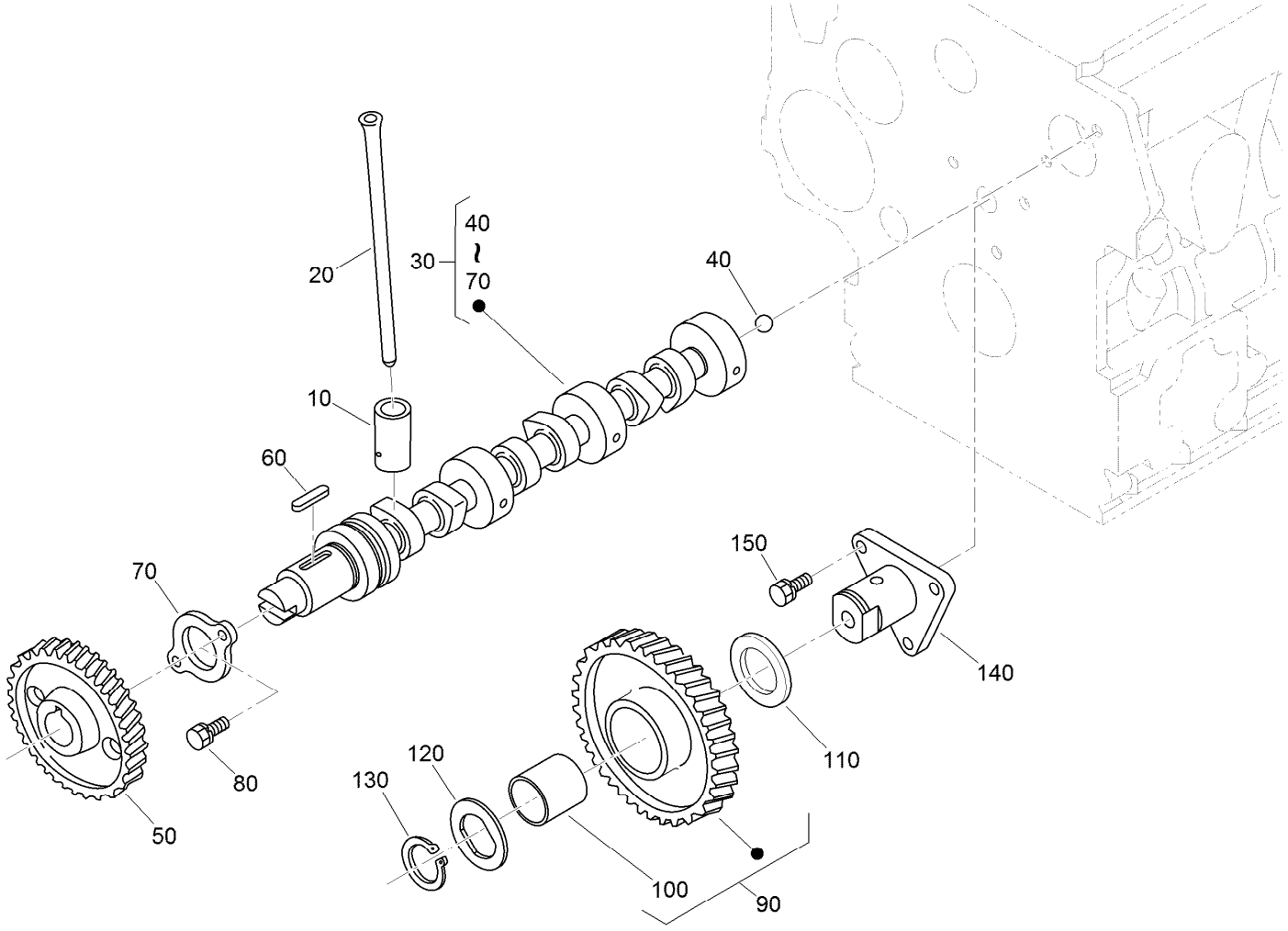
Ref.	*Part Number*	*Qty.*	*Description*
10	132-4941	1	Gauge-Oil
20	132-4942	1	Guide-Gauge, Oil
30	98-9722	1	O-Ring
40	AU126123A1	1	Bolt
50	110-3720	1	Plug-Gauge, Oil



Main Bearing Case Assembly

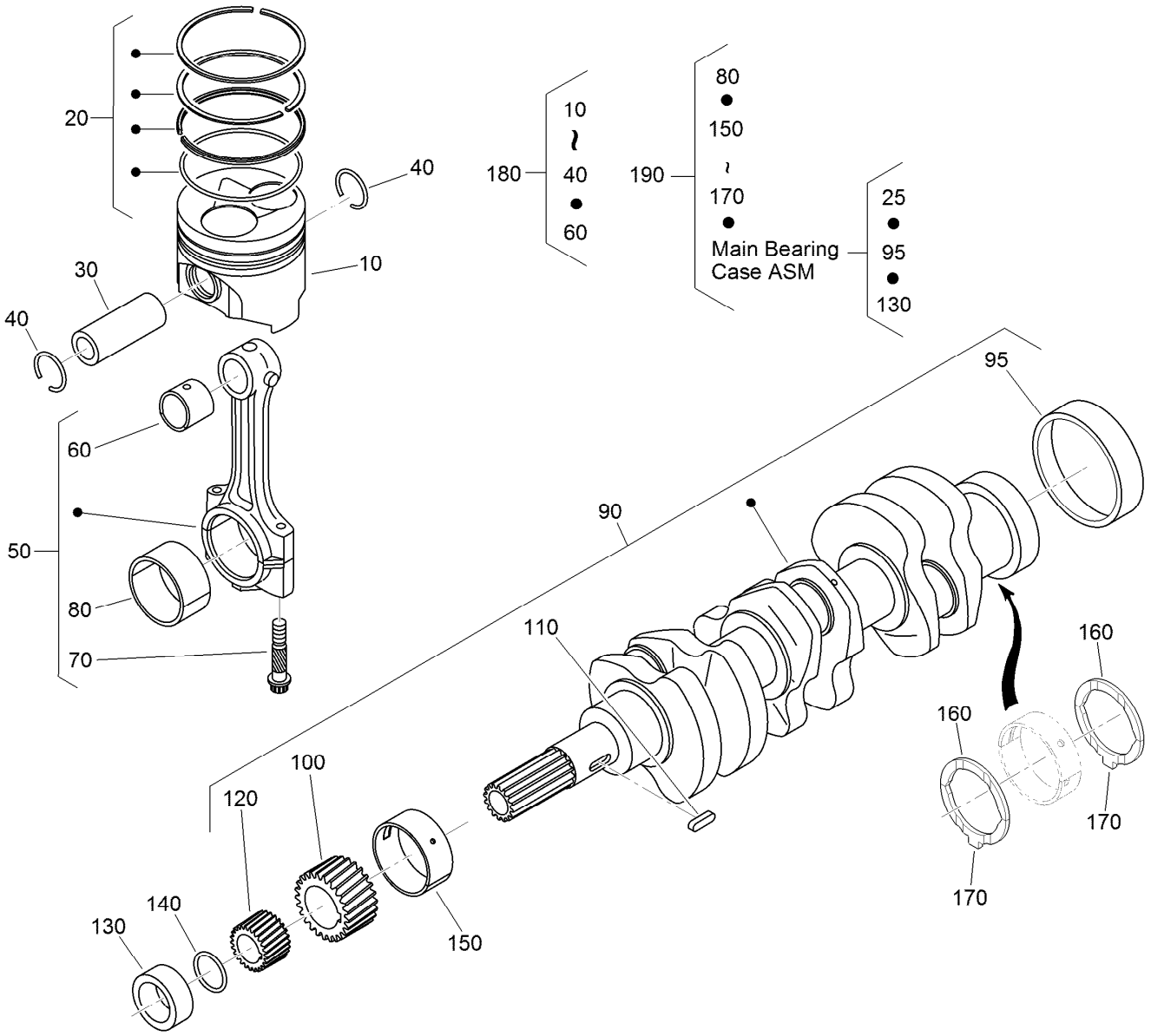
Ref.	Part Number	Qty.	Description
10	112-7026	1	Wheel Bearing Case ASM
20	98-9484	2	Bolt-Case, Bearing
25	115-4121	1	Metal-Crankshaft (STD)
25	112-7039	1	Metal-Crankshaft (0.2Mm)
25	112-7040	1	Metal-Crankshaft (-0.4Mm)
30	131-6554	1	Gasket-Case, Bearing
40	112-7046	1	Cover-Case, Bearing
50	112-0180	1	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

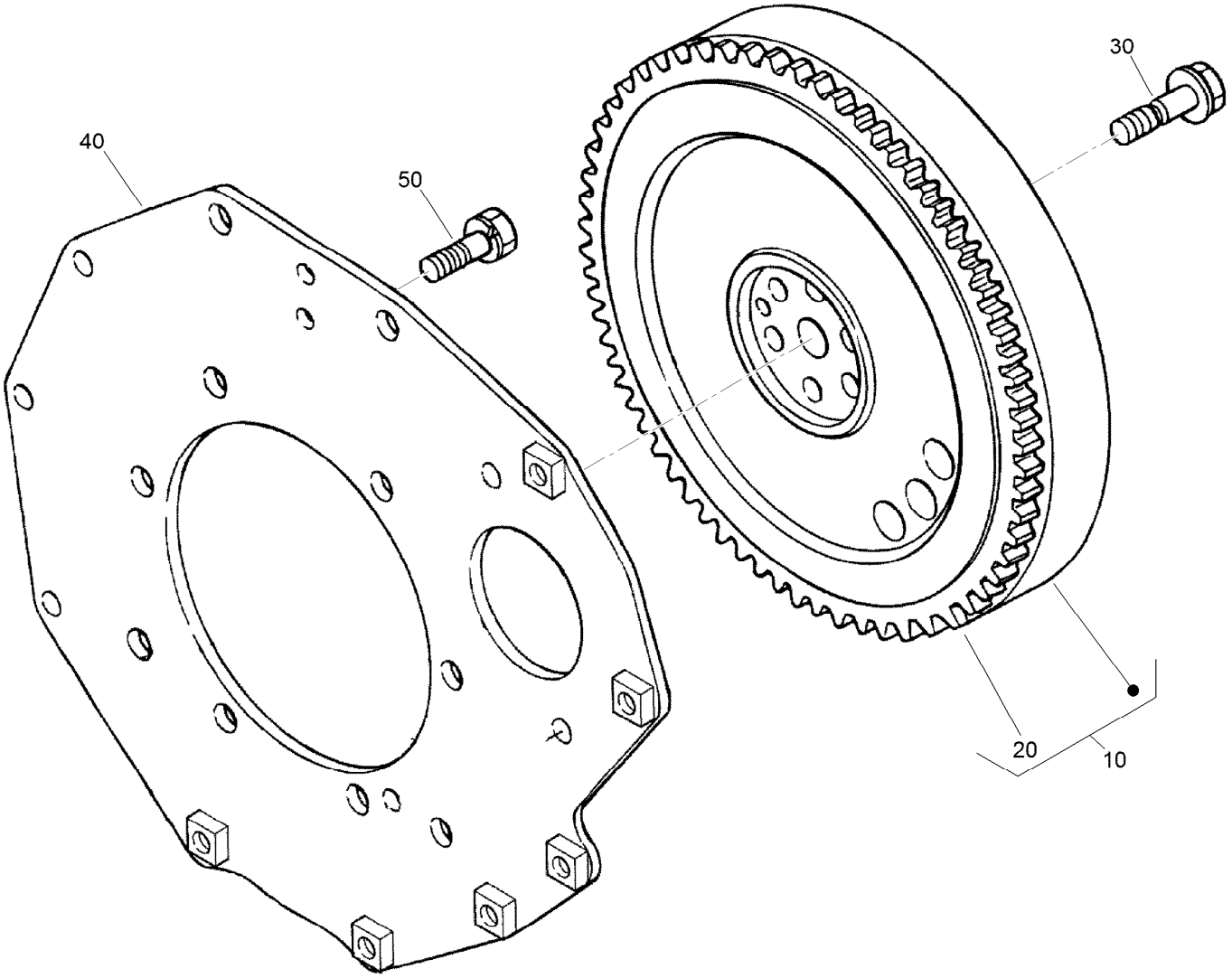
Ref.	*Part Number*	*Qty.*	*Description*
10	112-0185	6	Tappet
20	117-8814	6	Rod-Push
30	130-1545	1	Camshaft ASM
40	110-3729	1	Ball
50	120-3116	1	Camshaft ASM
60	98-9378	1	Key-Feather
70	131-6555	1	Stopper (Camshaft)
80	98-7692	2	Bolt
90	117-7584	1	Idler Gear ASM
100	117-7585	1	Bushing-Gear, Idle
110	98-9535	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

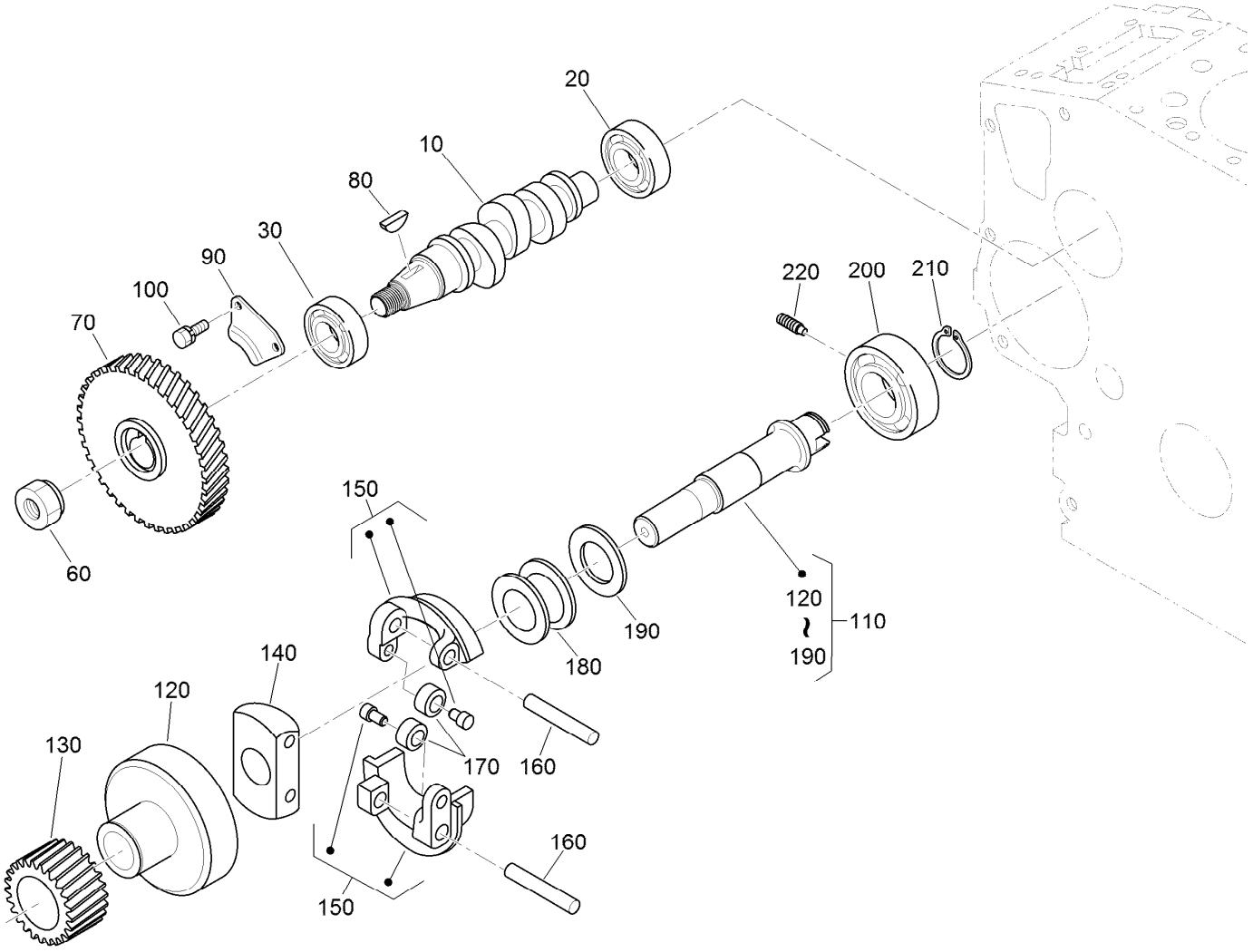
Ref.	Part Number	Qty.	Description
10	130-1546	3	Piston (STD)
10	130-1549	3	Piston (+0.50MM)
20	130-1506	3	Piston Ring ASM (STD)
20	130-1507	3	Piston Ring ASM (+0.50MM)
30	98-9513	3	Pin-Piston
40	98-9514	6	Circlip-Pin, Piston
50	117-7586	3	Connecting Rod ASM
60	115-3014	3	Bushing-Pin, Piston
70	98-9517	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

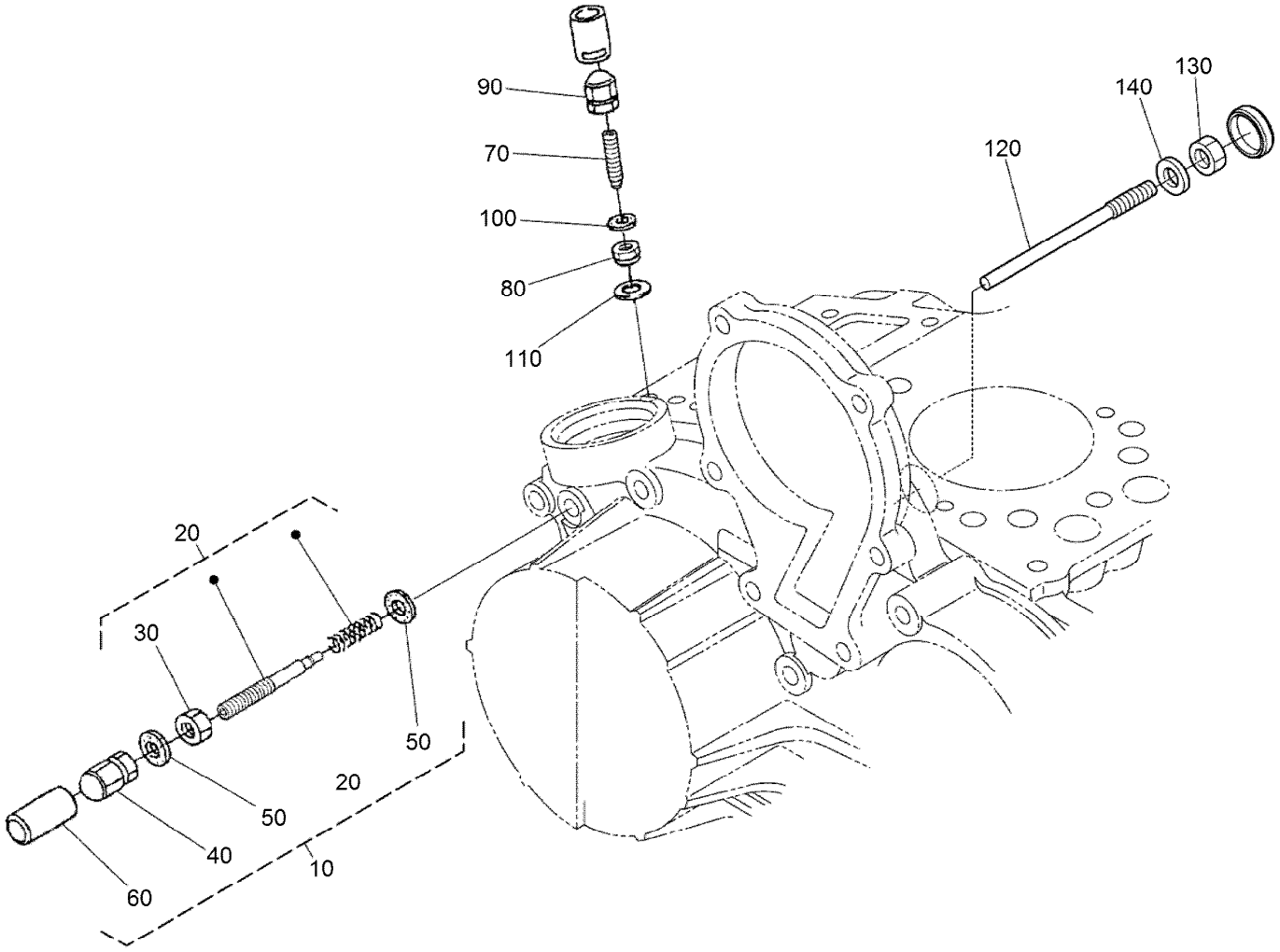
Ref.	*Part Number*	*Qty.*	*Description*
10	117-8826	1	Flywheel ASM
20	105-3722	1	Gear-Ring
30	98-9537	6	Bolt-Flywheel
40	98-9486	1	Plate-End, Rear
50	98-9392	8	Bolt



Fuel Camshaft and Governor Shaft Assembly

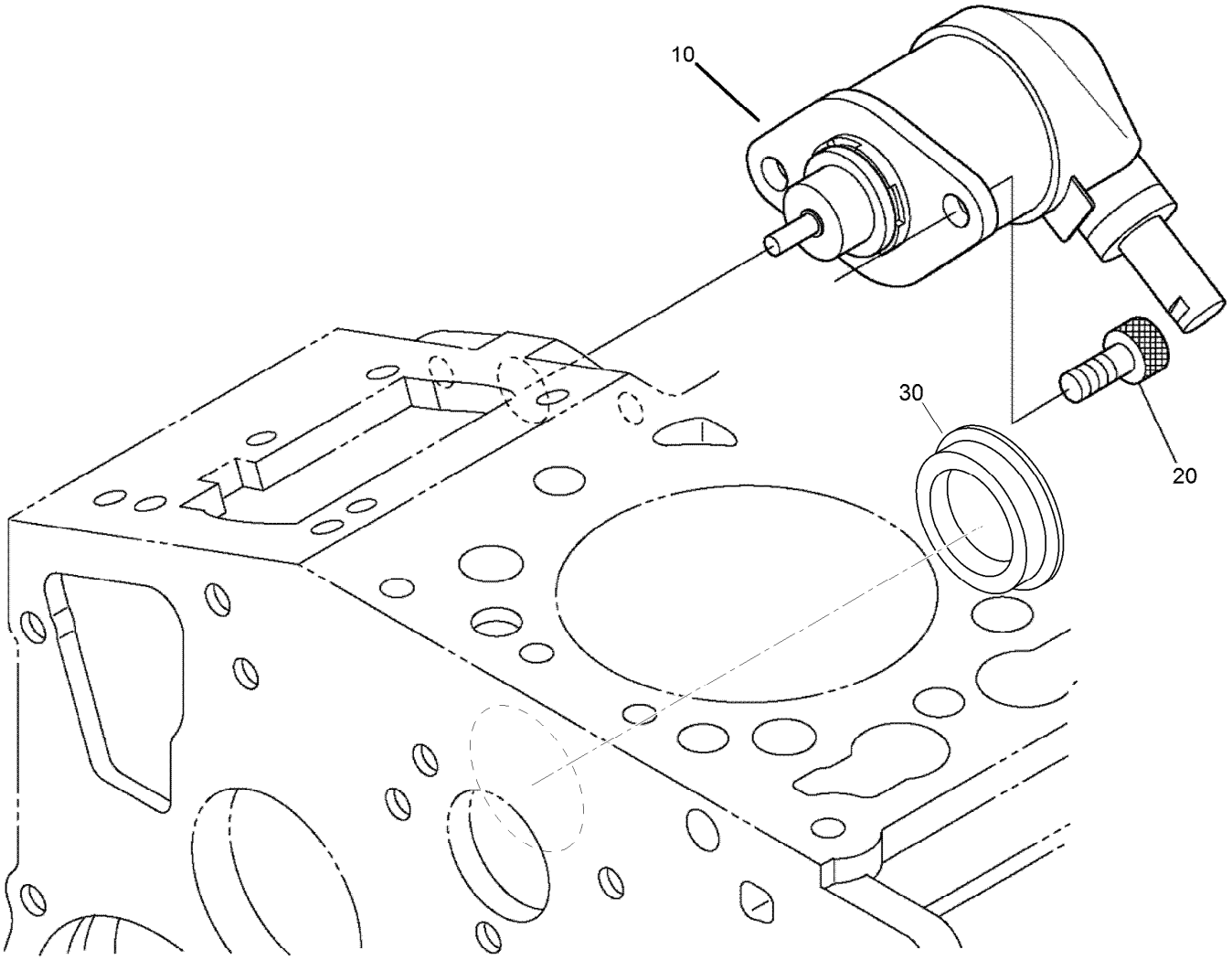
Ref.	Part Number	Qty.	Description
10	98-9459	1	Camshaft-Fuel
20	107-9077	1	Bearing-Ball
30	107-9078	1	Bearing-Ball
60	130-1512	1	Nut
70	130-1378	1	Gear-Injection Pump
80	98-9595	1	Key-Woodruff
90	98-9511	1	Stopper-Fuel, Camshaft
100	98-7692	2	Bolt
110	98-9644	1	Governor Shaft ASM
120	98-9562	1	Holder-Gear,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

Ref.	Part Number	Qty.	Description
130	98-9673	1	Gear-Governor
140	98-9561	1	Holder-Weight, Governor
150	98-9559	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



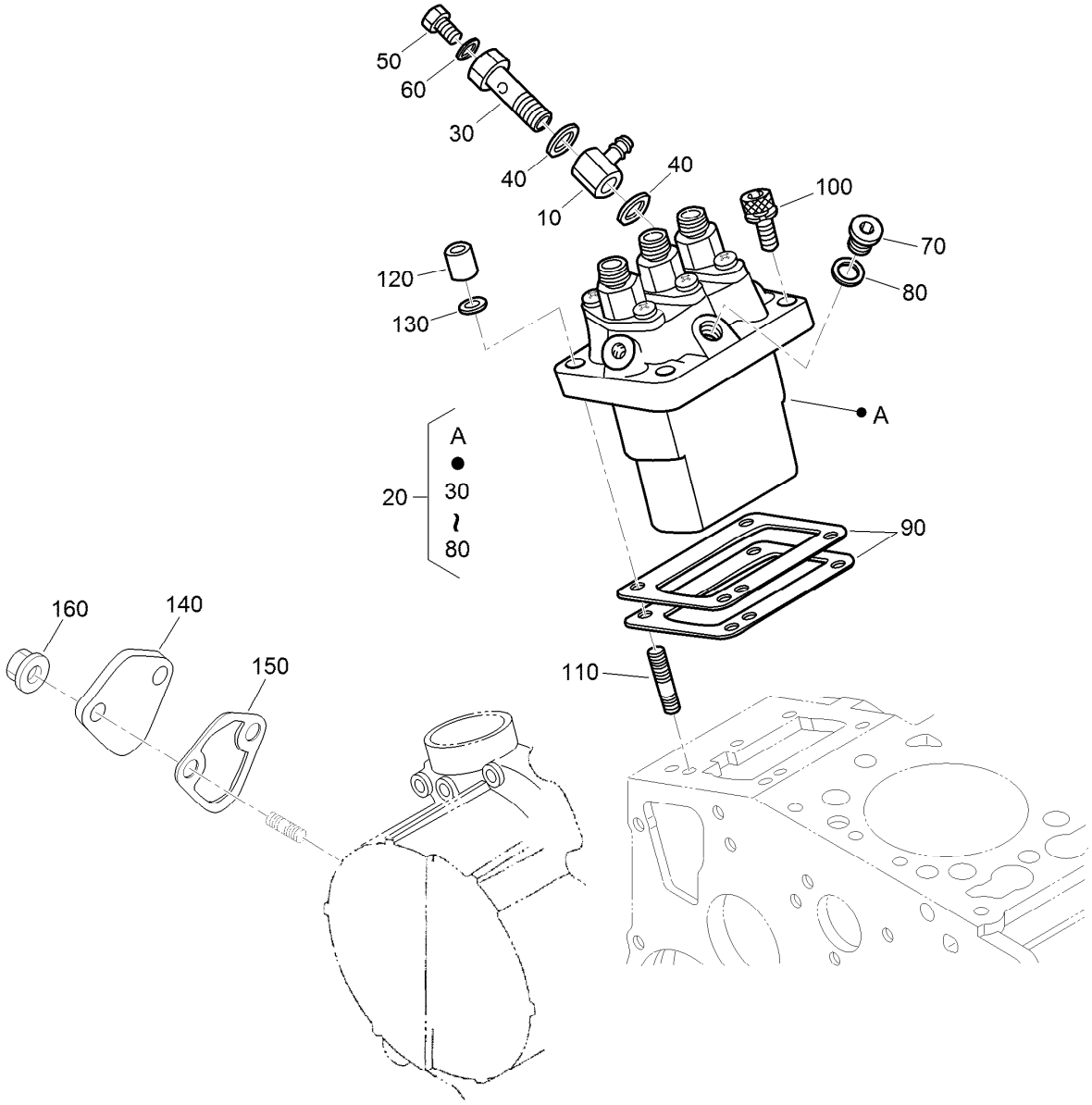
Idle Apparatus Assembly

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

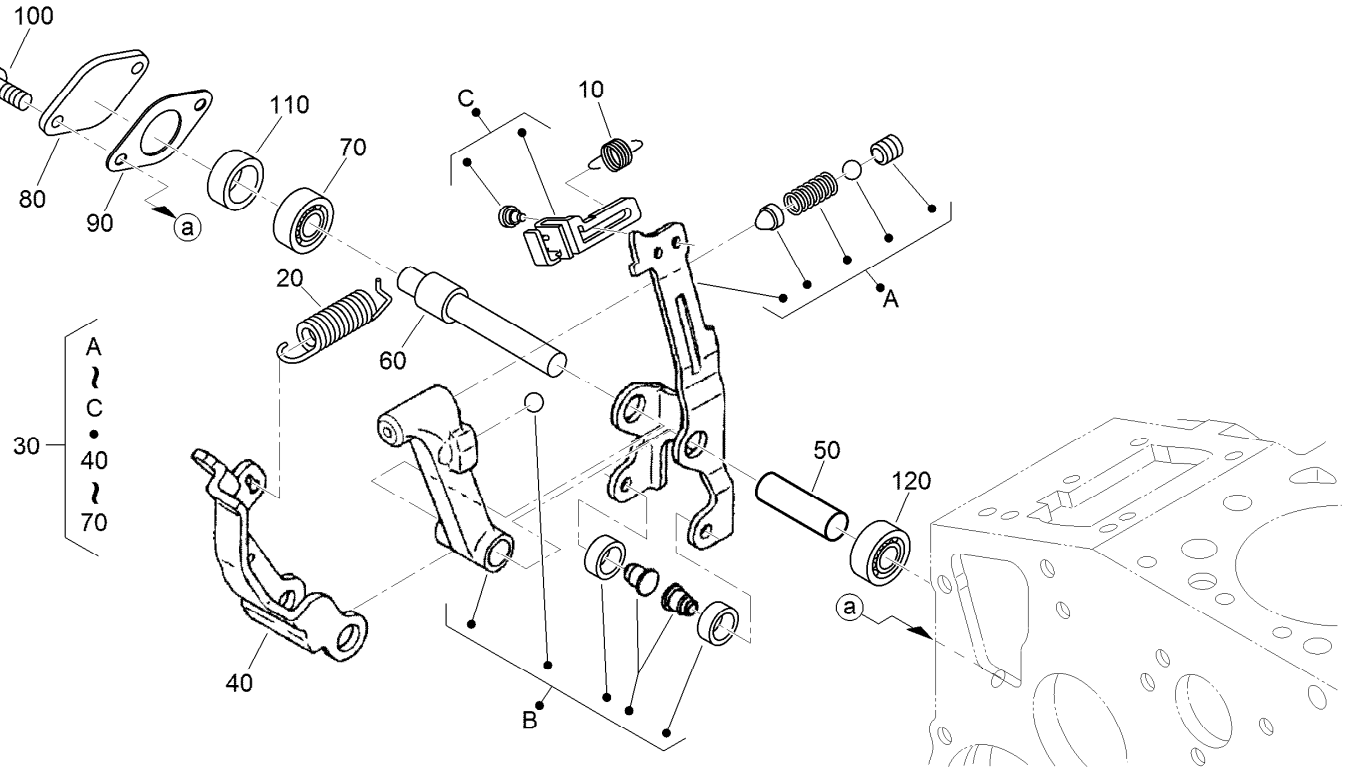
Ref.	*Part Number*	*Qty.*	*Description*
10	104-5155	1	Solenoid-Stop
20	130-1155	2	Screw-HSH
30	112-7016	1	Cover-Pump



Injection Pump Assembly

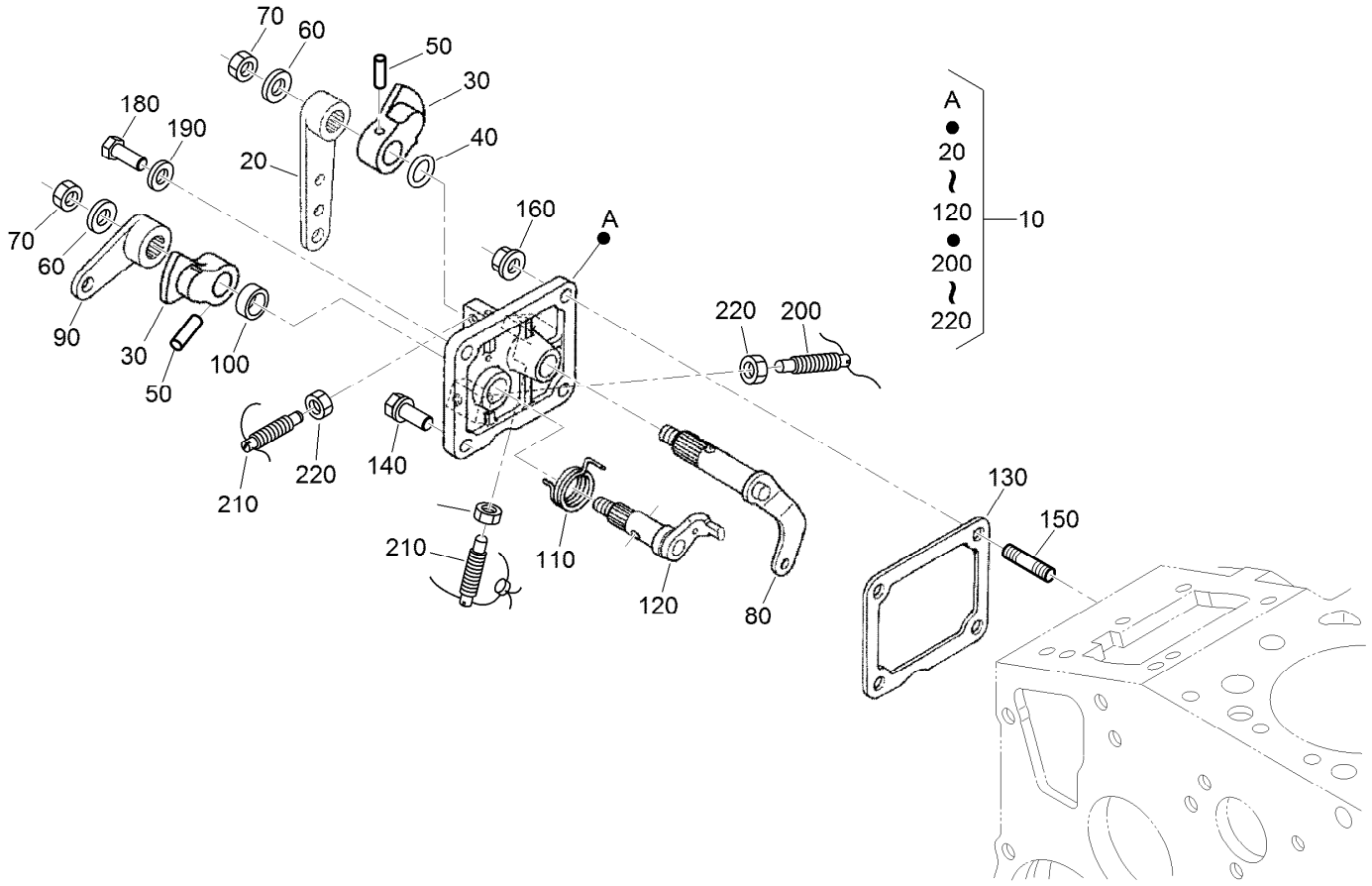
Ref.	Part Number	Qty.	Description
10	98-9596	1	Joint-Eye
20	98-9643	1	Injection Pump ASM
30	98-9464	1	Bolt-Joint
40	98-9445	2	Gasket
50	98-9430	1	Screw
60	98-9446	1	Gasket
70	98-9466	1	Plug
80	98-9451	1	Gasket
90	98-9456	1	Shim-Injection (0.20MM)
90	98-9457	1	Shim-Injection (0.25MM)

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



Governor Assembly

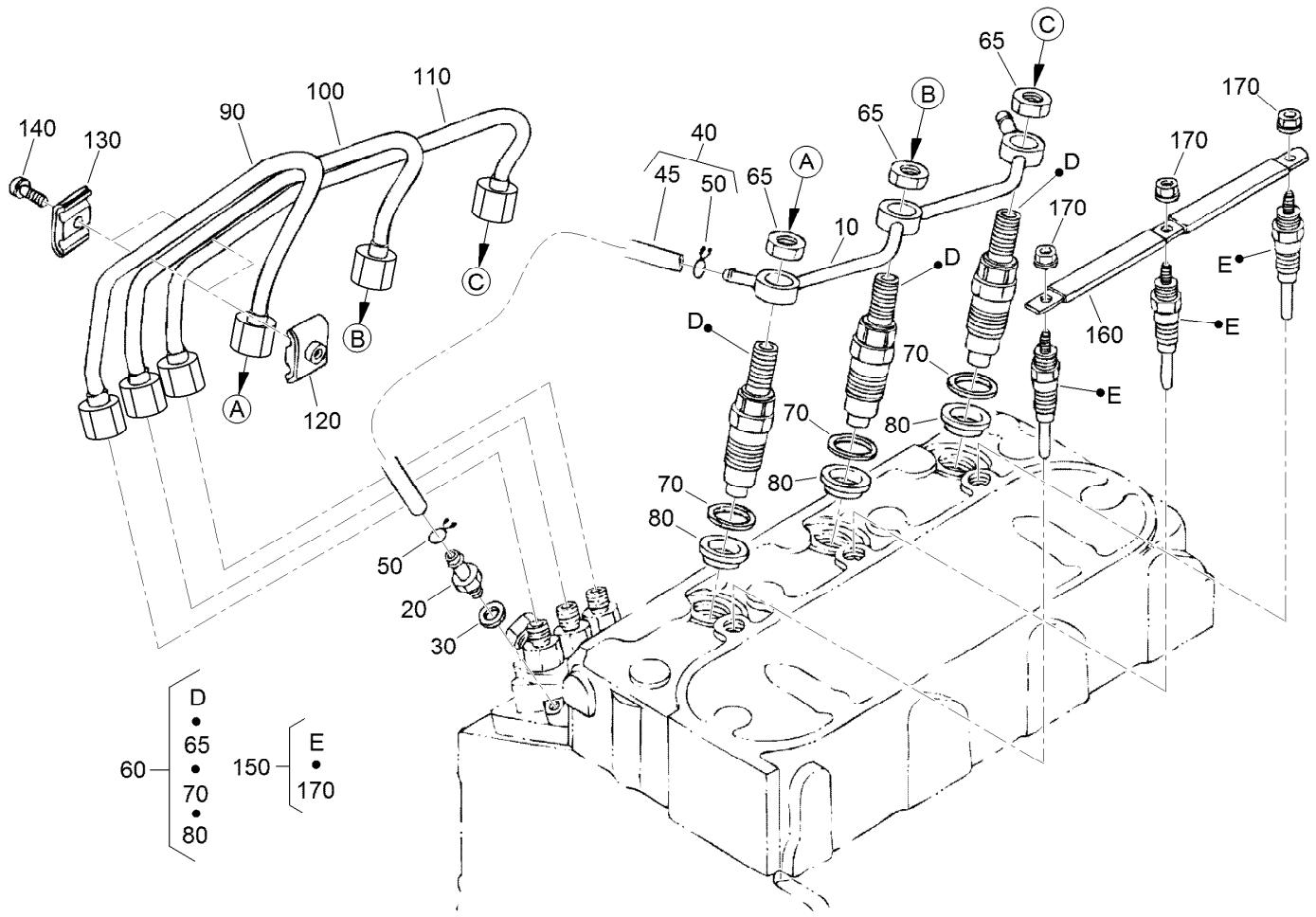
Ref.	*Part Number*	*Qty.*	*Description*
10	105-3786	1	Spring-Start
20	107-7839	1	Spring-Governor
30	115-4502	1	Fork Lever ASM
40	107-9084	1	Lever-Fork
50	107-9085	1	Shaft-Lever, Fork
60	107-9086	1	Shaft-Lever, Fork
70	98-9570	1	Bearing-Miniaturize
80	115-4122	1	Cover-Shaft, Fork Lever
90	98-9682	1	Gasket
100	98-9350	2	Bolt
110	98-9567	1	Collar
120	98-9571	1	Bearing-Miniaturize



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

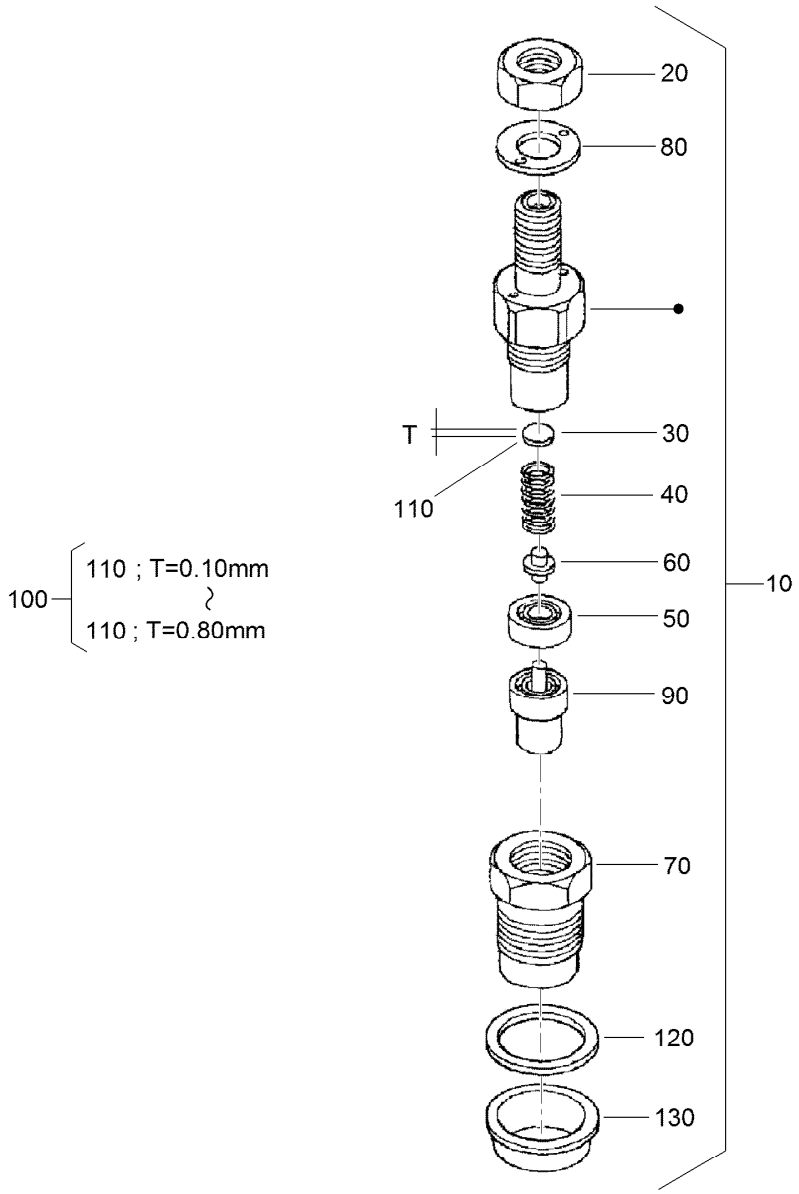
Ref.	Part Number	Qty.	Description
120	98-9664	1	Shaft-Lever, Stop
130	98-9637	1	Gasket
140	98-7692	1	Bolt
150	105-3710	2	Stud
160	100-2203	2	Nut-Flange
180	127-0401	1	Bolt-Hex
190	98-7654	1	Gasket
200	117-7566	1	Bolt-Adjusting
210	117-7565	2	Bolt-Adjusting
220	98-7572	3	Nut



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

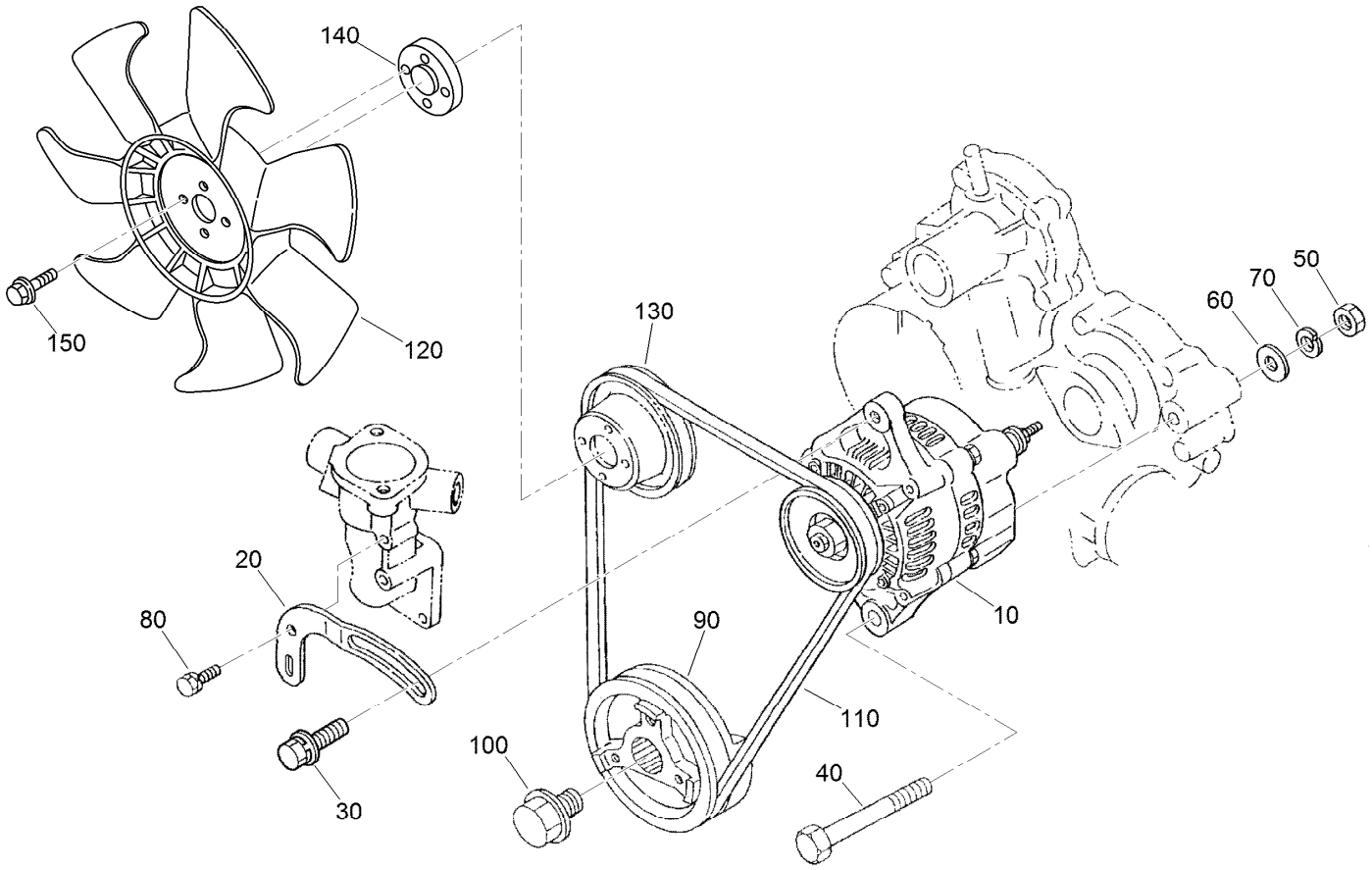
Ref.	Part Number	Qty.	Description
90	132-4945	1	Pipe Injection
100	132-4946	1	Pipe Injection
110	132-4947	1	Pipe Injection
120	98-7682	2	Clamp-Pipe
130	98-7683	2	Clamp-Pipe
140	98-7684	2	Screw (W/Washer)
150	130-1411	3	Plug-Glow
160	98-9631	1	Cord-Plug, Glow
170	99-8377	3	Nut-Flange



Nozzle Holder Assembly

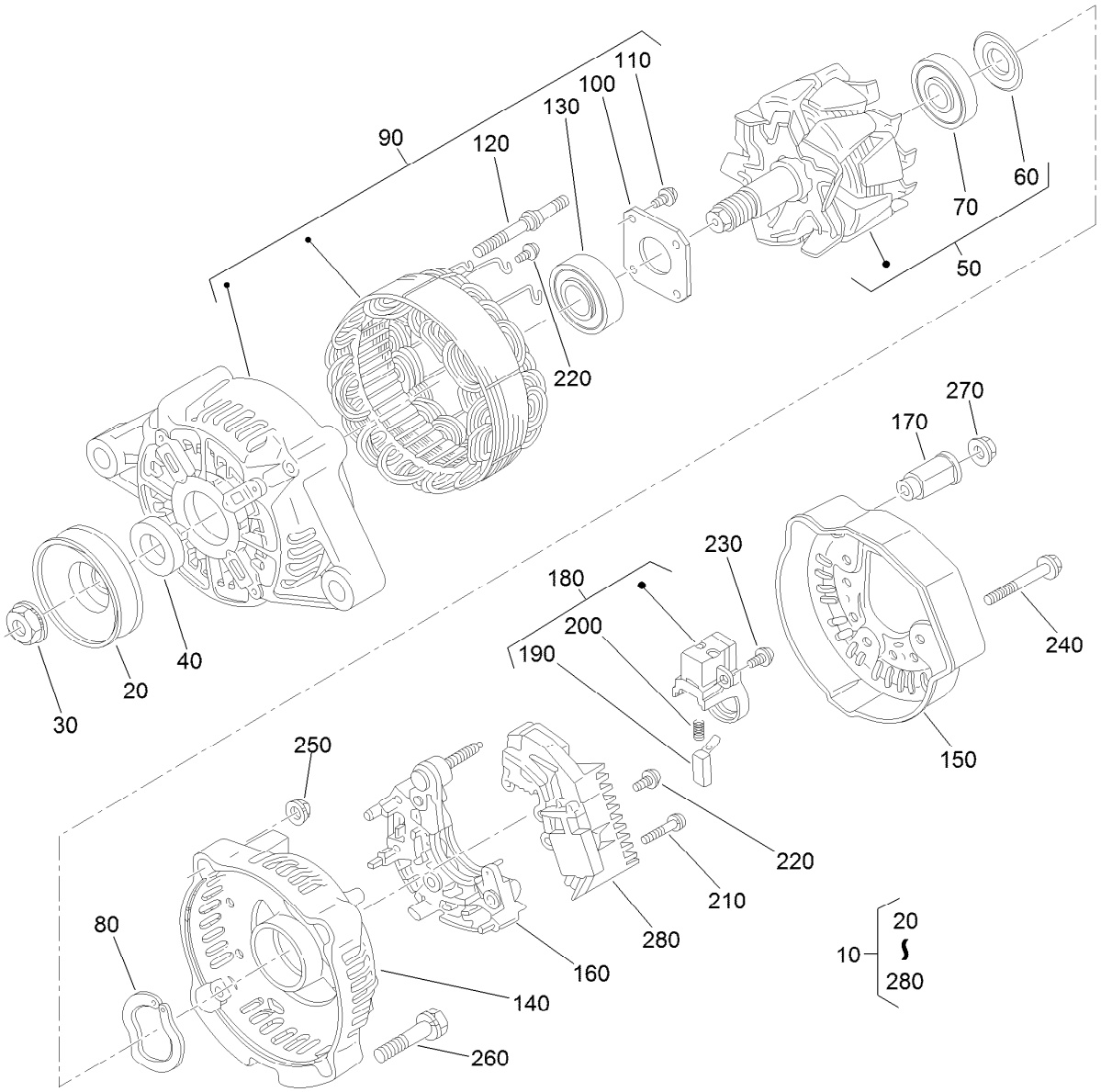
Ref.	Part Number	Qty.	Description
10	115-3018	3	Nozzle Holder Kit
20	121-2411	3	Nut
30	99-8302	3	Washer-Adjusting
40	99-8303	3	Spring-Nozzle
50	99-8304	3	Spacer-Distance
60	99-8305	3	Rod-Push
70	99-8306	3	Nut-Nozzle
80	99-8307	3	Washer-Plain
90	115-3020	3	Piece-Nozzle
100	99-8309	3	Adjusting Washer ASM
110	99-8310	3	Washer-Adjust (0.10MM)

Ref.	Part Number	Qty.	Description
110	99-8311	3	Washer-Adjust (0.20MM)
110	99-8312	3	Washer-Adjust (0.30MM)
110	99-8313	3	Washer-Adjust (0.40MM)
110	99-8314	3	Washer-Adjust (0.50MM)
110	99-8315	3	Washer-Adjust (0.52MM)
110	99-8316	3	Washer-Adjust (0.54MM)
110	99-8317	3	Washer-Adjust (0.56MM)
110	99-8318	3	Washer-Adjust (0.58MM)
110	99-8319	3	Washer-Adjust (0.80MM)
120	98-7676	3	Gasket
130	98-7677	3	Seal-Heat



Alternator and Pulley Assembly

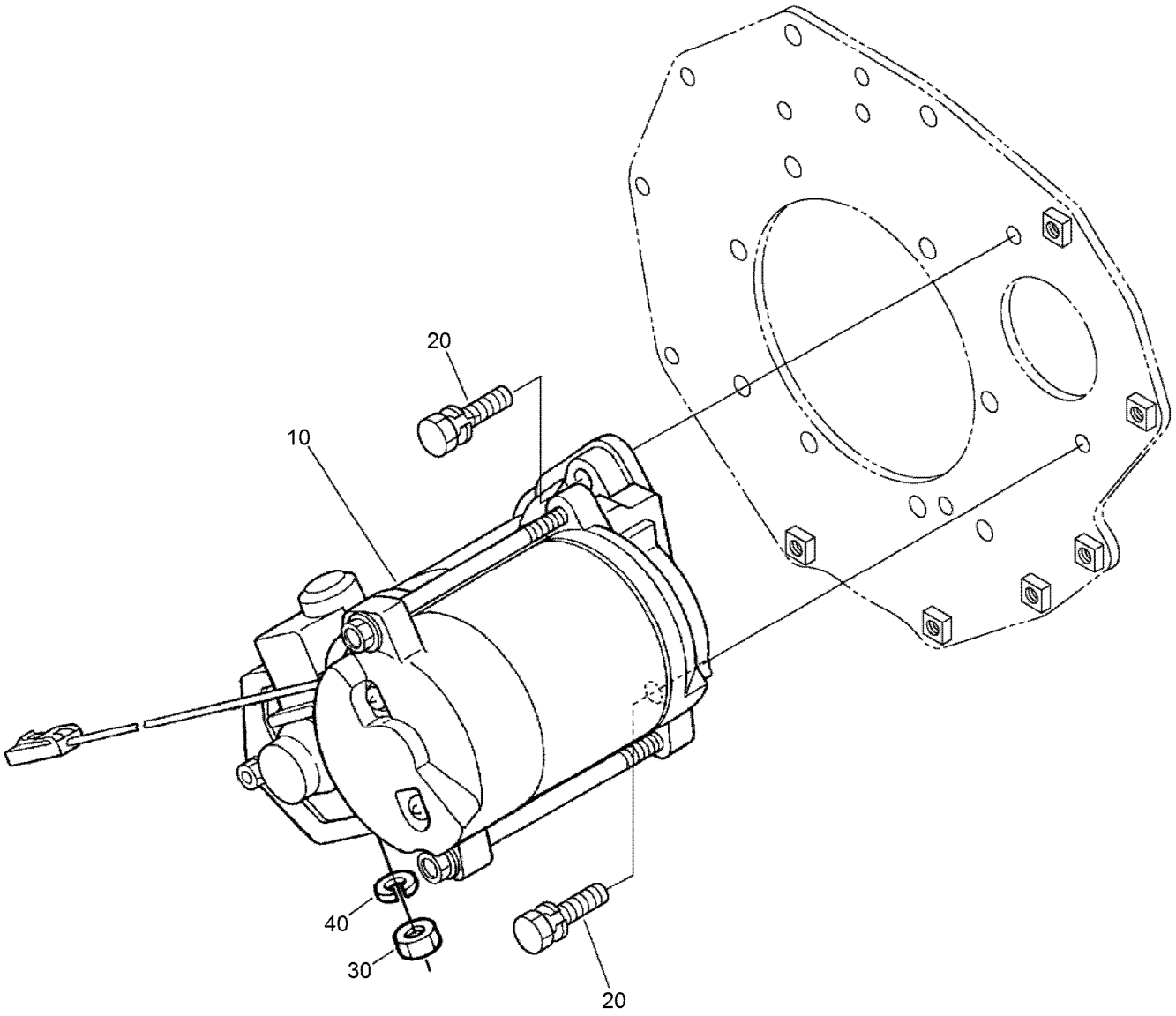
Ref.	*Part Number*	*Qty.*	*Description*
10	131-6557	1	Alternator ASM
20	112-7047	1	Stay-Dynamo
30	108-7088	1	Bolt
40	98-9360	1	Bolt
50	98-7737	1	Nut
60	98-9366	1	Washer-Plain
70	99-7527	1	Washer-Spring
80	98-7692	1	Bolt
90	117-8830	1	Pulley-Drive, Fan
100	98-9585	1	Bolt
110	98-9676	1	V-Belt
120	104-4246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



Alternator Components Assembly

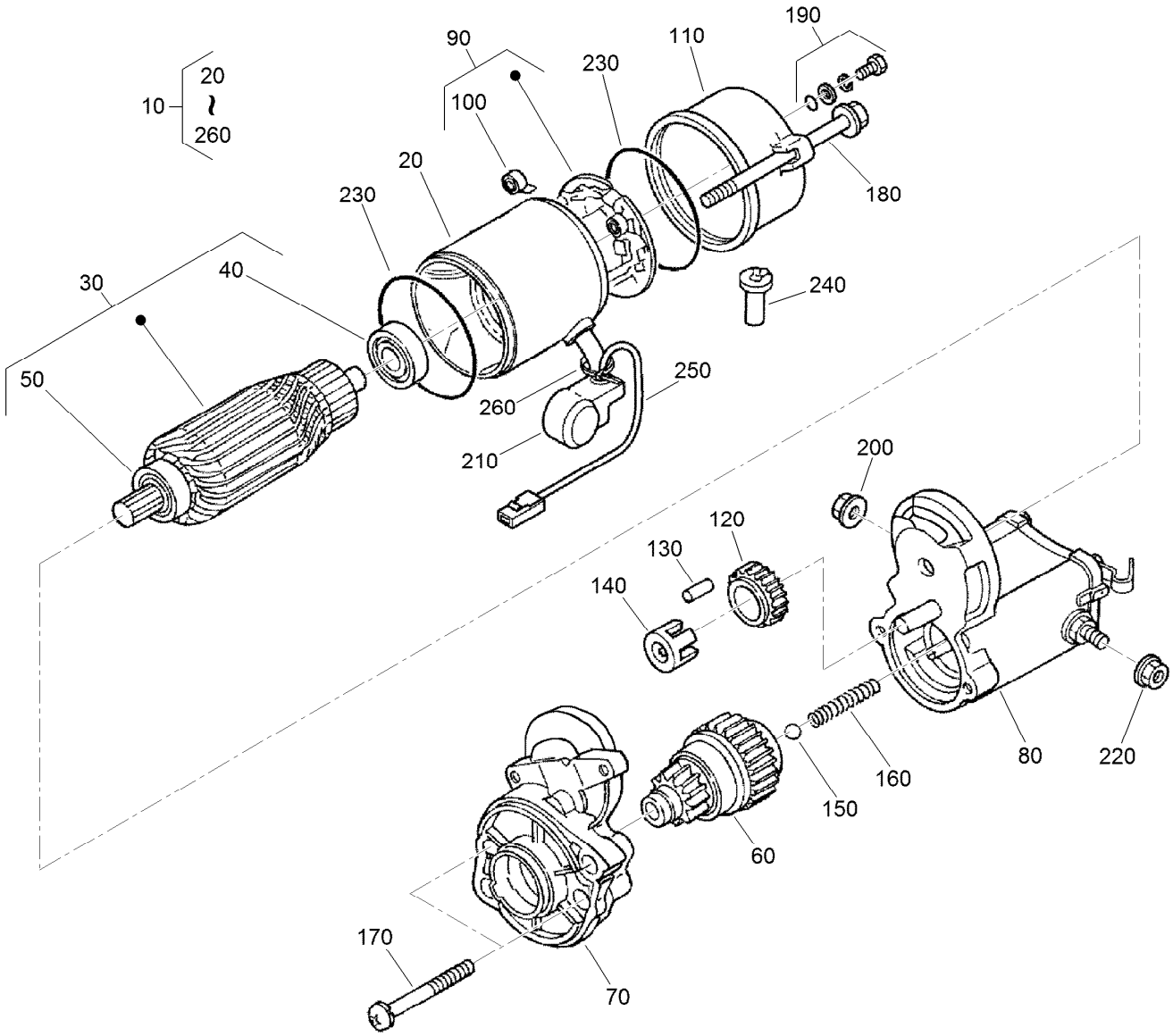
Ref.	Part Number	Qty.	Description
10	131-6557	1	Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	98-7709	1	Collar
50	107-0136	1	Rotor ASM
60	98-7711	1	Cover-Bearing
70	107-0138	1	Bearing-Ball
80	98-7713	1	Washer-Thrust
90	107-0139	1	Drive End Frame ASM
100	98-7715	1	Plate-Retainer
110	98-7716	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

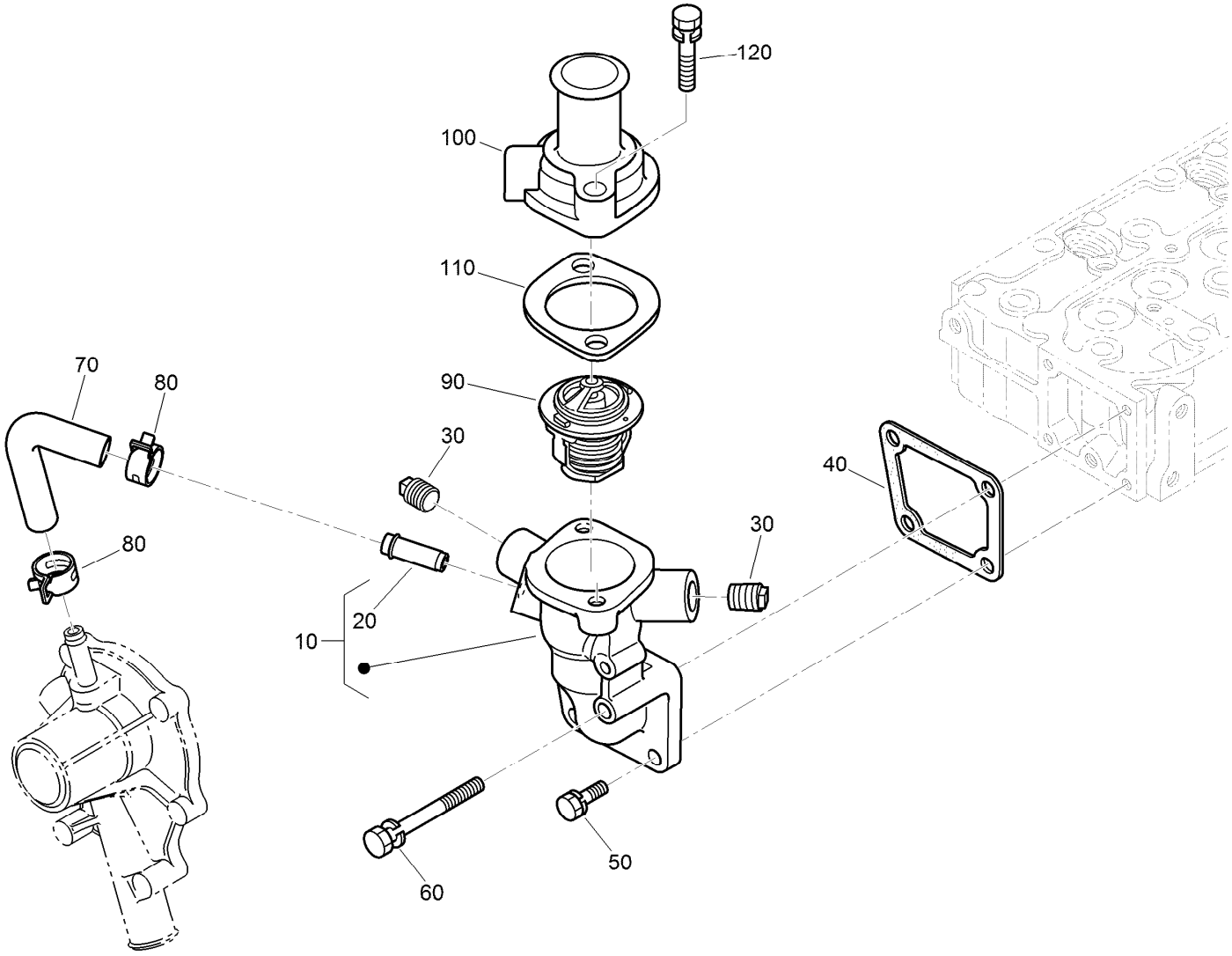
Ref.	*Part Number*	*Qty.*	*Description*
10	132-4948	1	Starter
20	98-7697	2	Bolt
30	98-7739	1	Nut
40	105-2893	1	Washer-Spring



Starter Component Assembly

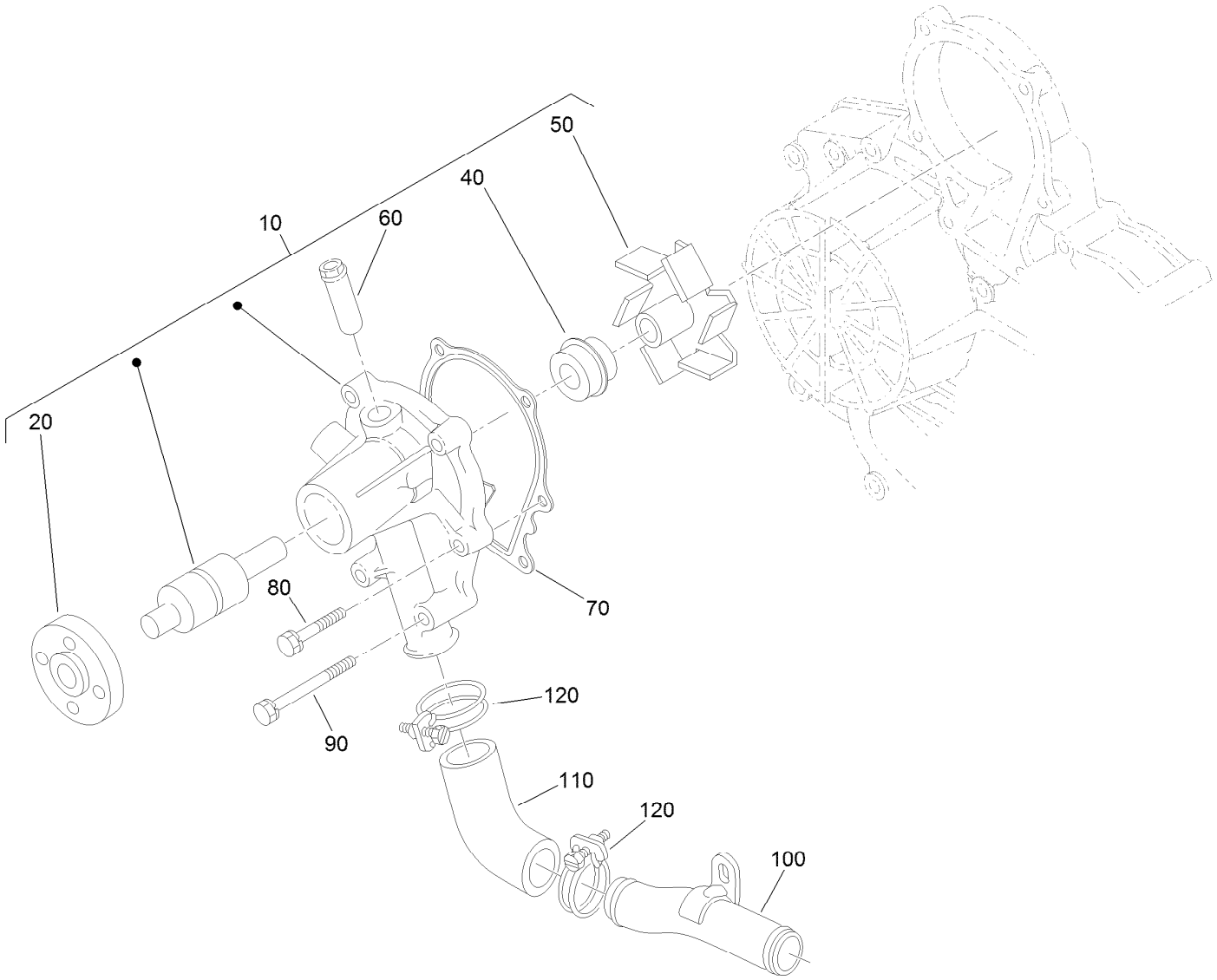
Ref.	Part Number	Qty.	Description
10	132-4948	1	Starter
20	132-4949	1	Yoke
30	132-4930	1	Armature
40	98-7743	1	Bearing
50	98-7744	1	Bearing
60	132-4934	1	Clutch ASM
70	132-4933	1	Housing ASM
80	105-3746	1	Magnetic Switch ASM
90	132-4932	1	Holder-Brush
100	132-4931	4	Spring-Brush
110	132-4935	1	Frame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



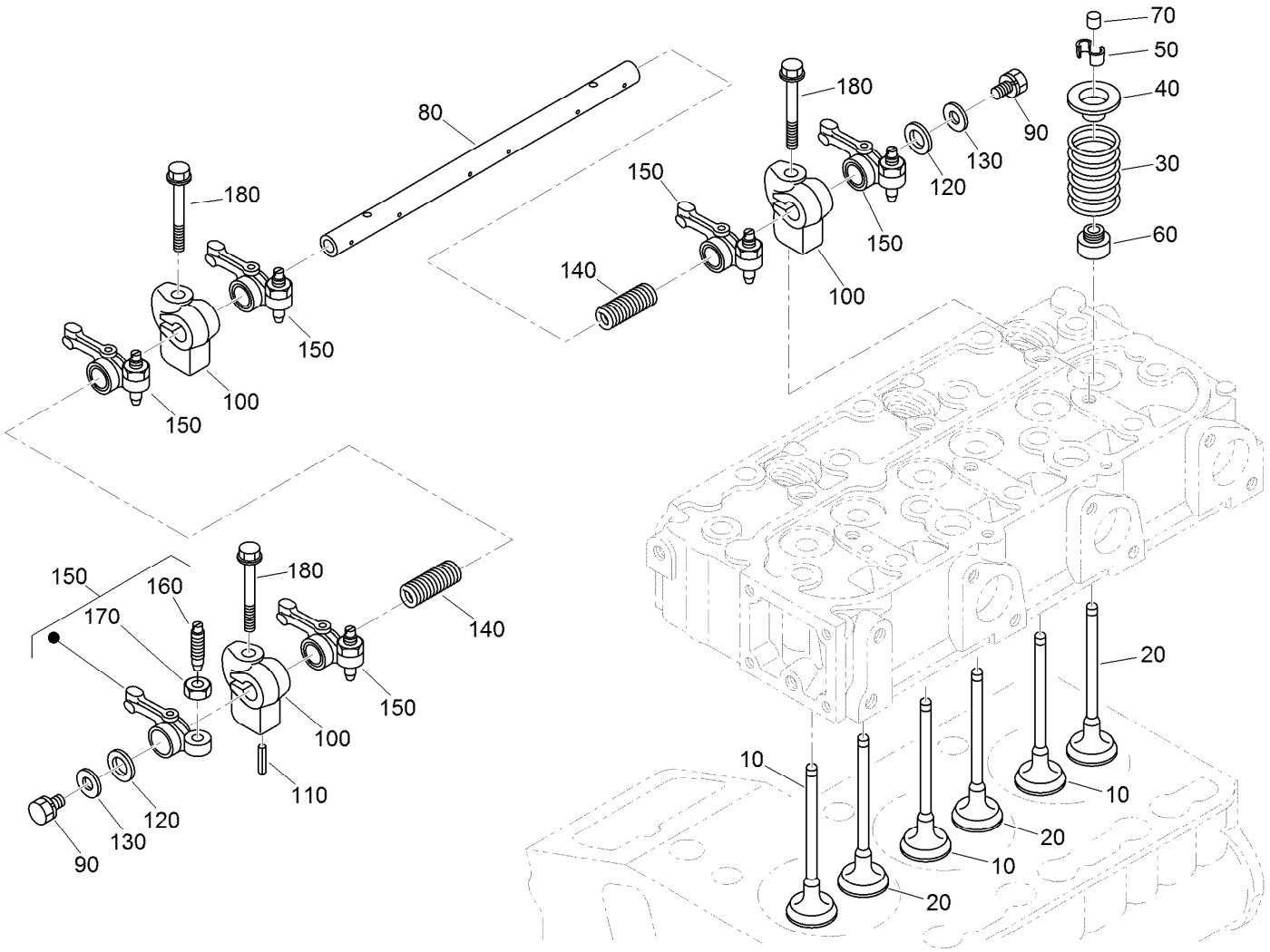
Water Flange and Thermostat Assembly

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

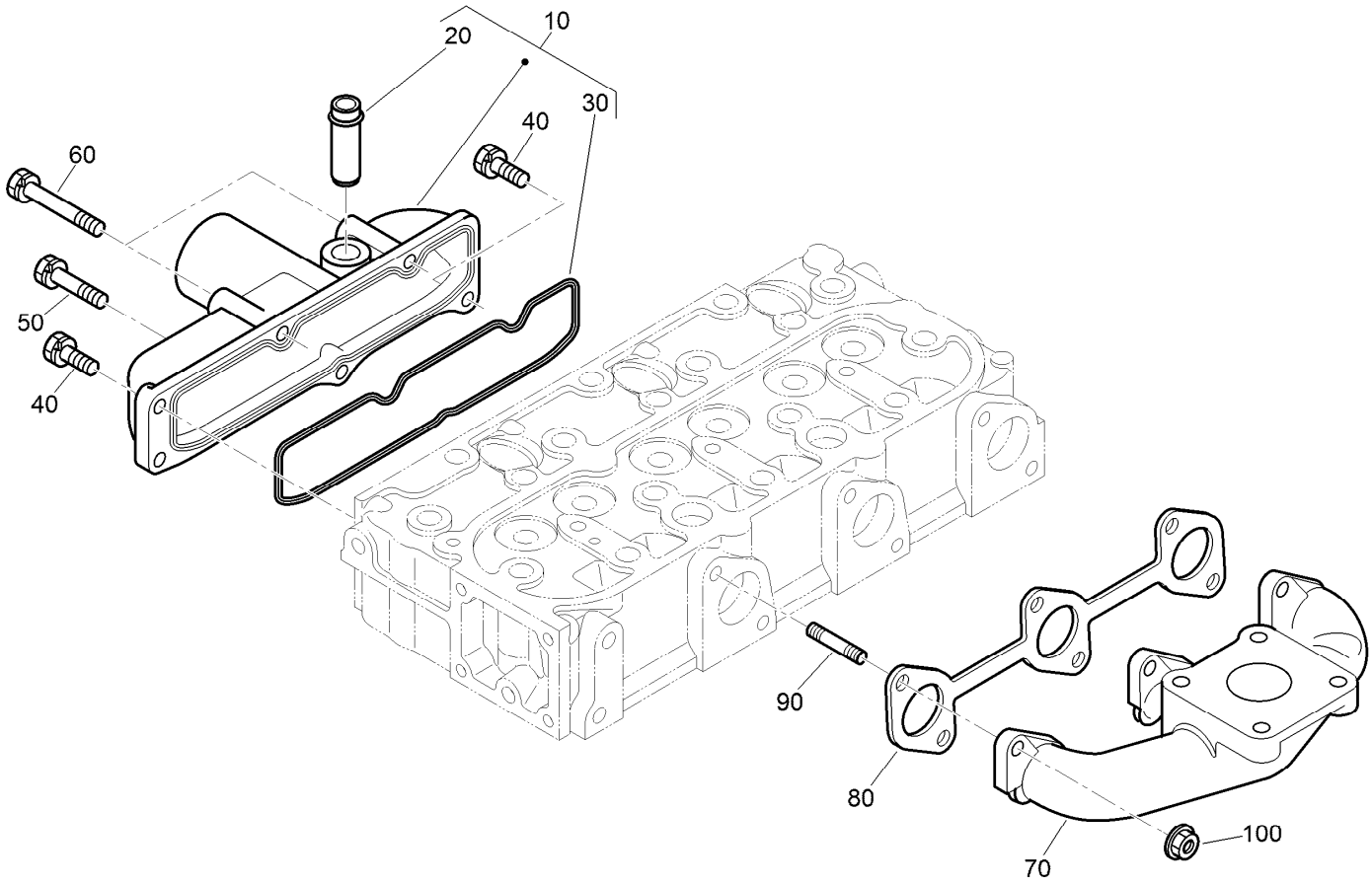
Ref.	*Part Number*	*Qty.*	*Description*
10	107-9089	1	Water Pump ASM
20	99-3516	1	Flange-Pump, Water
40	105-3750	1	Mechanical Seal ASM
50	112-7017	1	Impeller-Pump, Water
60	100-1932	1	Pipe-Return, Water
70	99-3454	1	Gasket-Pump, Water
80	98-9353	4	Bolt
90	107-9090	4	Bolt
100	98-9716	1	Pipe-Water
110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



Valve and Rocker Arm Assembly

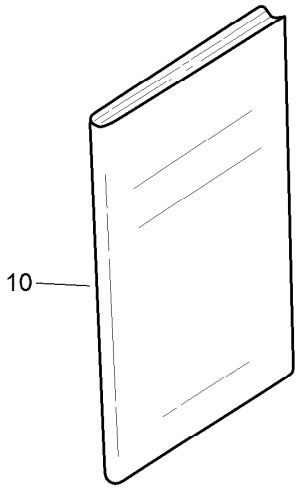
Ref.	Part Number	Qty.	Description
10	112-7018	3	Valve-Inlet
20	120-2564	3	Valve-Exhaust
30	98-9648	6	Spring-Valve
40	107-9092	6	Retainer-Spring
50	98-9390	6	Collet-Spring, Valve
60	99-8385	6	Seal-Stem, Valve
70	98-9497	6	Cap-Valve
80	130-1248	1	Shaft-Arm, Rocker
90	108-2873	2	Bolt-Flange

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



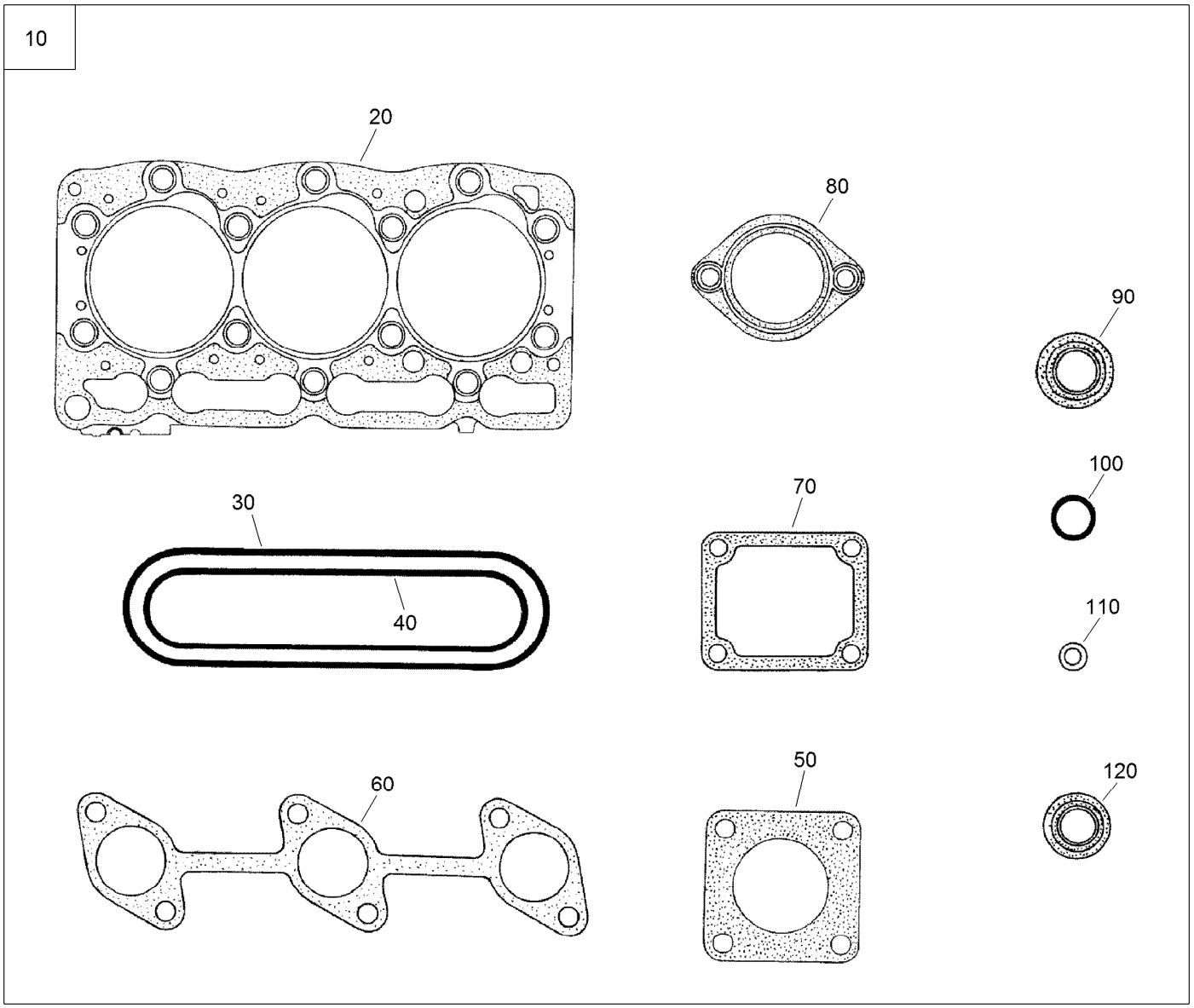
Inlet and Exhaust Manifold Assembly

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	107-9093	1	Manifold-Exhaust
80	99-8327	1	Gasket-Manifold, Exhaust
90	98-9588	6	Stud
100	98-9665	6	Nut



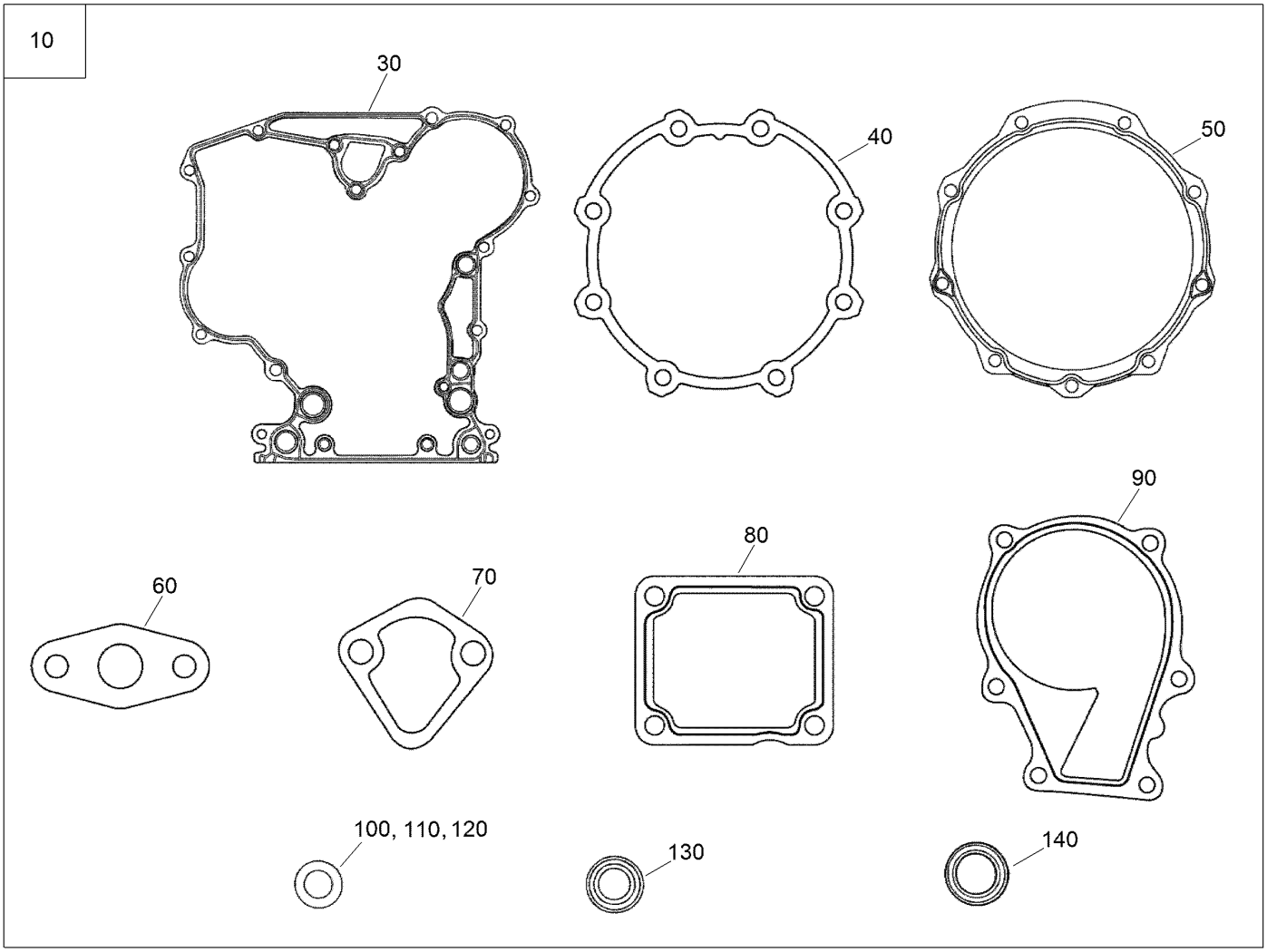
Accessories and Service Parts

Ref.	*Part Number*	*Qty.*	*Description*
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 22327 — TX 1000 Compact Tool Carrier

Product Name	Model/Part
Light Kit ASM	144-7100
Kit Road Wheel, 5-pack	144-7392
Kit Road Wheel, 5-pack	144-7393
Decal Kit - HERC	145-6943
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
Crumber Kit	22464
Trench Filler	22472
High-Torque Trencher Head	22473
High-Speed Trencher Head	22474
4-in-1 Bucket	22478
Narrow Bucket	22520
Standard Bucket with Spacer	22522
Grapple Rake	22577
Dingo Snow Canopy	22584
Snow Thrower	22585
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
Backhoe With 12in Bucket	23106
Backhoe Fit-Up Kit	23126
Low Flow Auxiliary Kit	23134
Concrete Breaker	23135
Leveler	23165
Double Detent Valve	23171

Attachments and Accessories (continued)

Stump Grinder Fit-Up Kit 23172
New Red Paint - Gallon 361-11
Dark Metallic Gray Aerosol Paint 361-12
Semi-Gloss Black Spray Paint 361-9
Air Dry Red Paint - Qt 5340
Spark Arrestor 98-9099

Notes:

Count on it.