



Form No. 3470-924 Rev C

Count on it.

Parts Catalog

TX 1000 Turbo

Wide Track Compact Tool Carrier

Model No. 22588HD—Serial No. 417200000 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

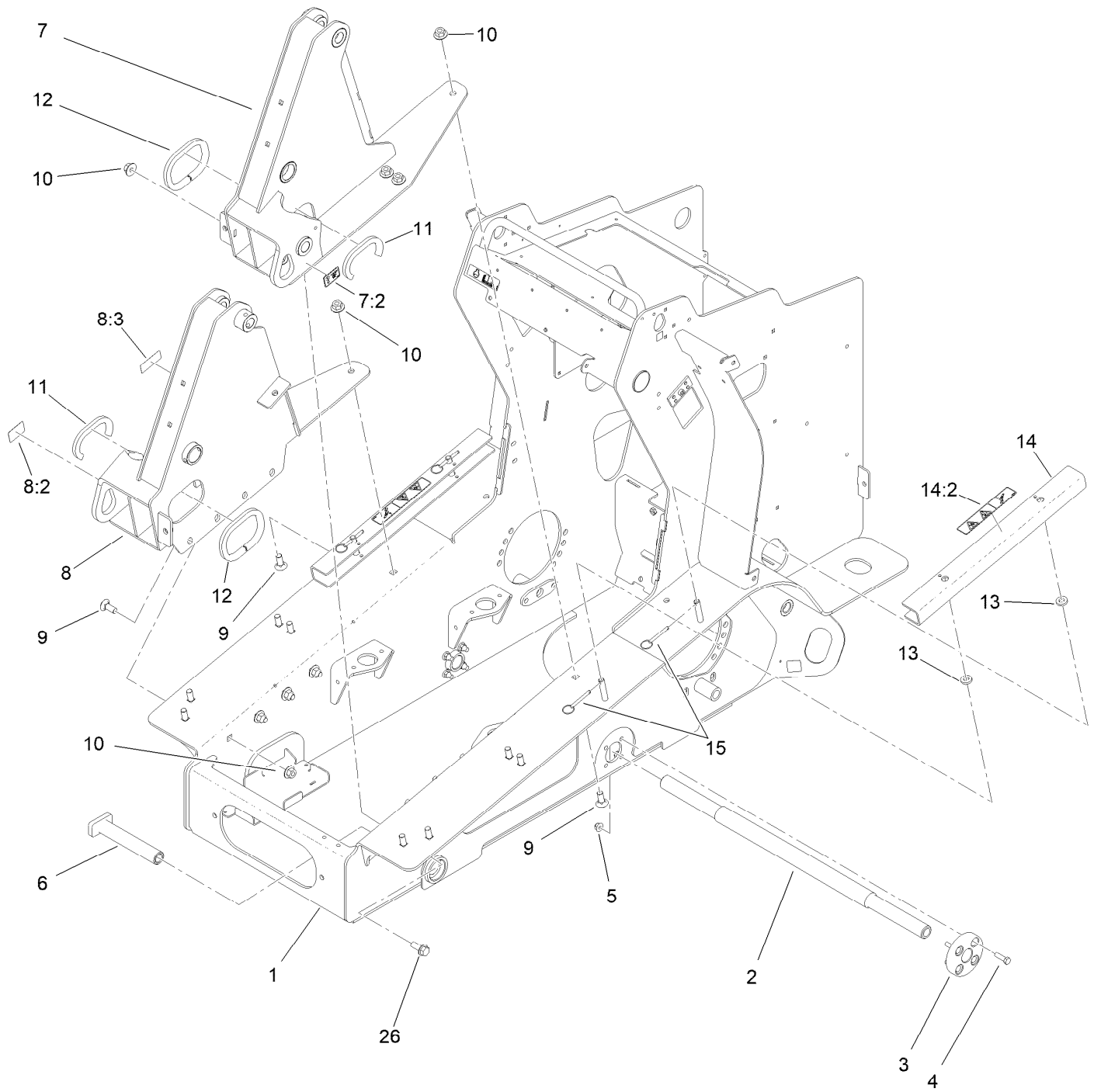
In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

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 Assembly	4
Main Frame Assembly No. 145-4421	6
Track Assembly	8
LH Track Assembly No. 139-7294	10
RH Track Assembly No. 139-7293	12
Engine and Muffler Assembly	14
Air Cleaner Assembly No. 147-6793	16
Fuel System Assembly	18
Fuel Tank Assembly No. 145-4466	20
Cooling System Assembly	22
Principal Hydraulics Assembly	24
Hydraulic Loader Valve Assembly No. 147-6885	26
Controls Assembly	28
Control Valve Assembly No. 145-3279	30
Loader Arm Assembly	32
Loader Arm Assembly No. 145-4307	34
Attachment Plate Assembly No. 140-6017	36
Hydraulic Cylinder Assembly No. 140-7634	38
Hydraulic Cylinder Assembly No. 147-6889	40
Platform Assembly	42
Hood and Covers Assembly	44
Electrical Assembly	46
Main Wire Harness Assembly No. 122-2549	48
Traction Hydraulics Assembly	50
Hydraulic Tank Assembly No. 145-4467	52
Parking Brake Assembly	54
Cylinder Block Assembly	56
Gear Housing Assembly	58
Fywheel Housing and Oil Sump Assembly	60
Cylinder Head and Bonnet Assembly	62
Suction Manifold Assembly	64
Exhaust Manifold Assembly	66
Camshaft and Driving Gear Assembly	68
Turbine Assembly	70
Crankshaft and Piston Assembly	72
Lube Oil System Assembly	74
Oil Pump Assembly	76
Cooling Water System Assembly	78
Fuel Injection Pump Assembly	80
Governor Assembly	82
Fuel Injection Valve Assembly	84
Starter Motor Assembly	86
Generator Assembly	88
Electronic Control Unit Assembly	90
Accessories	92
Attachments and Accessories	94

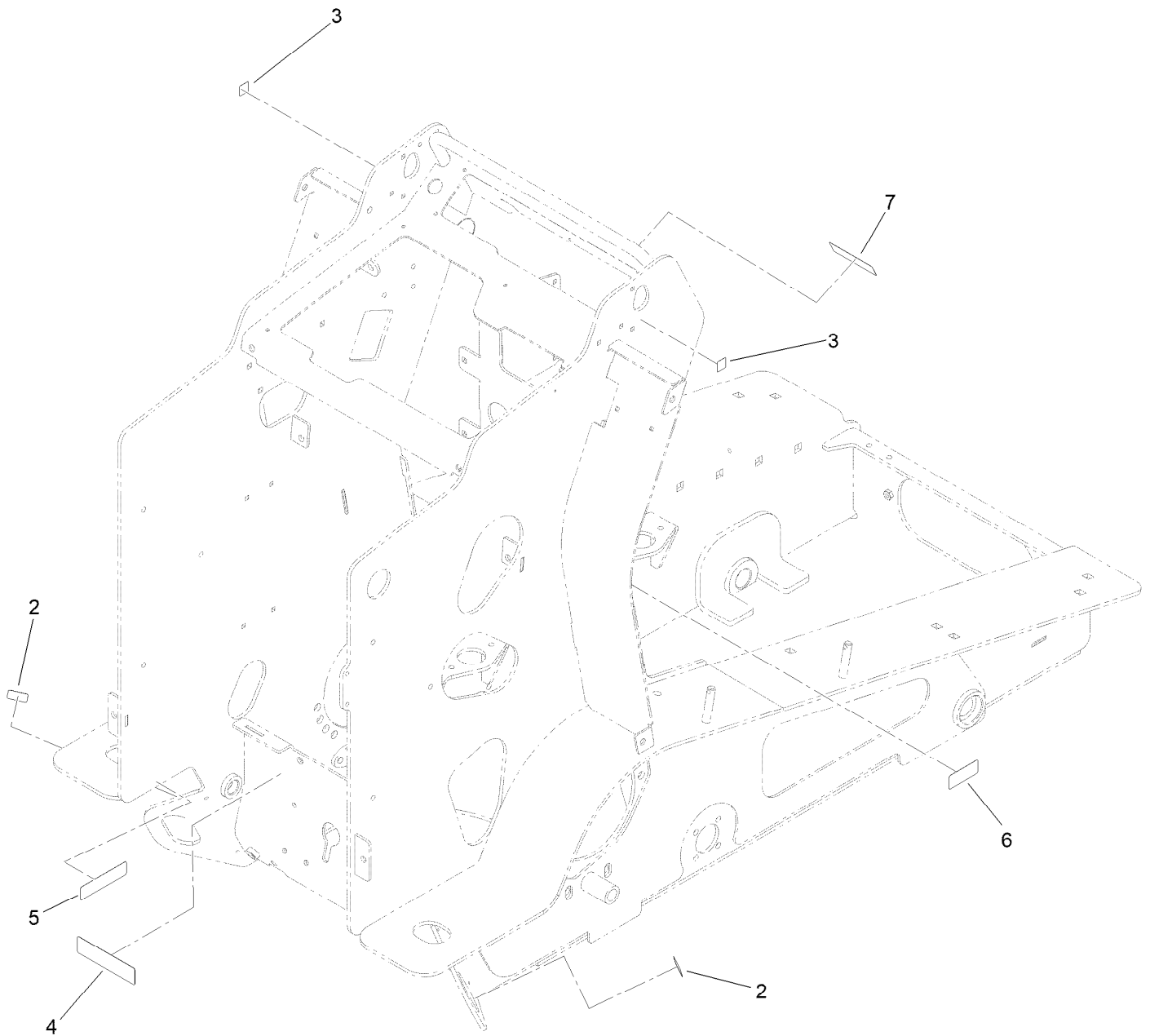
Frame Assembly



Frame 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	145-4421	1	Main Frame ASM	8:3	127-0392	1	Decal-Hot Surface
2	125-0425	1	Shaft-Track	9	3233-1	16	Screw-CARR
3	132-9074	2	Hub-Shaft	10	32128-52	18	Nut-Lock, Flg
4	323-44	8	Screw-HH	11	133-8571	2	Trim-Seal
5	104-8301	8	Nut-HF, NI	12	133-8572	2	Trim-Seal
6	145-3322	2	Pin-Track	13	83-1470	4	Washer-Neoprene
7	145-4471	1	Tower ASM-LH	14	130-5315	2	Arm-Locking
7:2	147-6707	1	Decal-Lift, Tie Down	14:2	115-4858	1	Decal-Danger
8	145-4472	1	Tower ASM-RH	15	108-0094	4	Pin-Cotterless
8:2	147-6707	1	Decal-Lift, Tie Down	26	3234-38	2	Screw-HHF

Main Frame Assembly No. 145-4421

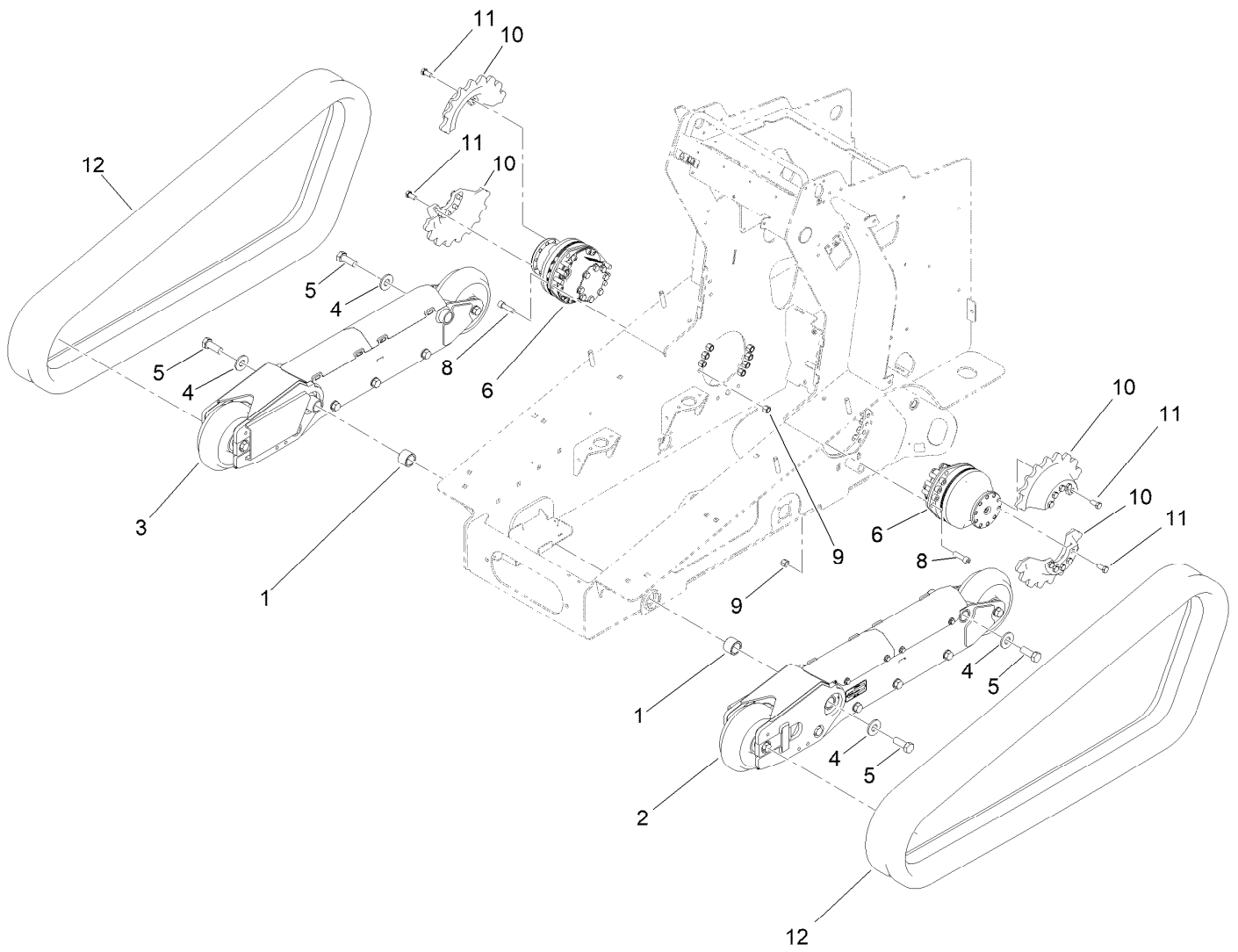


Main Frame Assembly No. 145-4421 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	132-9051	2	Decal-Tiedown
3	125-4967	2	Decal-Lift Here
4	131-0709	1	Decal-Parking Brake

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	133-8062	1	Decal-Spark Arrestor
6	127-0392	1	Decal-Hot Surface
7	115-4865	1	Decal-Fill, Radiator

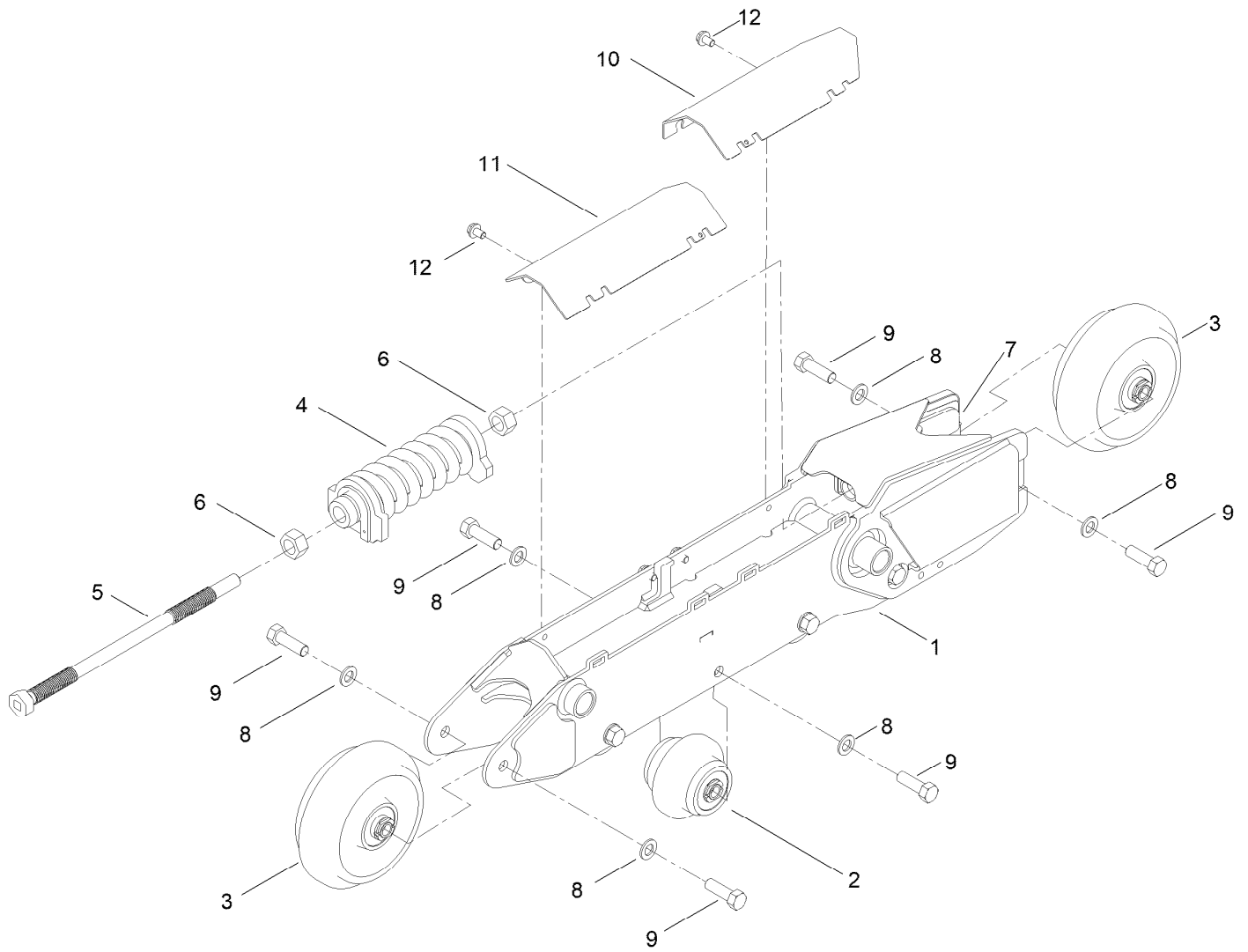
Track Assembly



Track 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	144-4268	4	Spacer-Track	8	131-0661	16	Screw-HSH
2	139-7294	1	Track ASM-LH	9	3296-23	16	Nut-Lock, NI
3	139-7293	1	Track ASM-RH	10	139-7118	4	Sprocket-Drive
4	99-2659	4	Washer	11	33116-025	20	Screw-HH
5	AU426-1256	4	Screw-HH	12	138-0777	2	Track-Wide,
6	145-4545	2	Wheelmotor ASM				

LH Track Assembly No. 139-7294

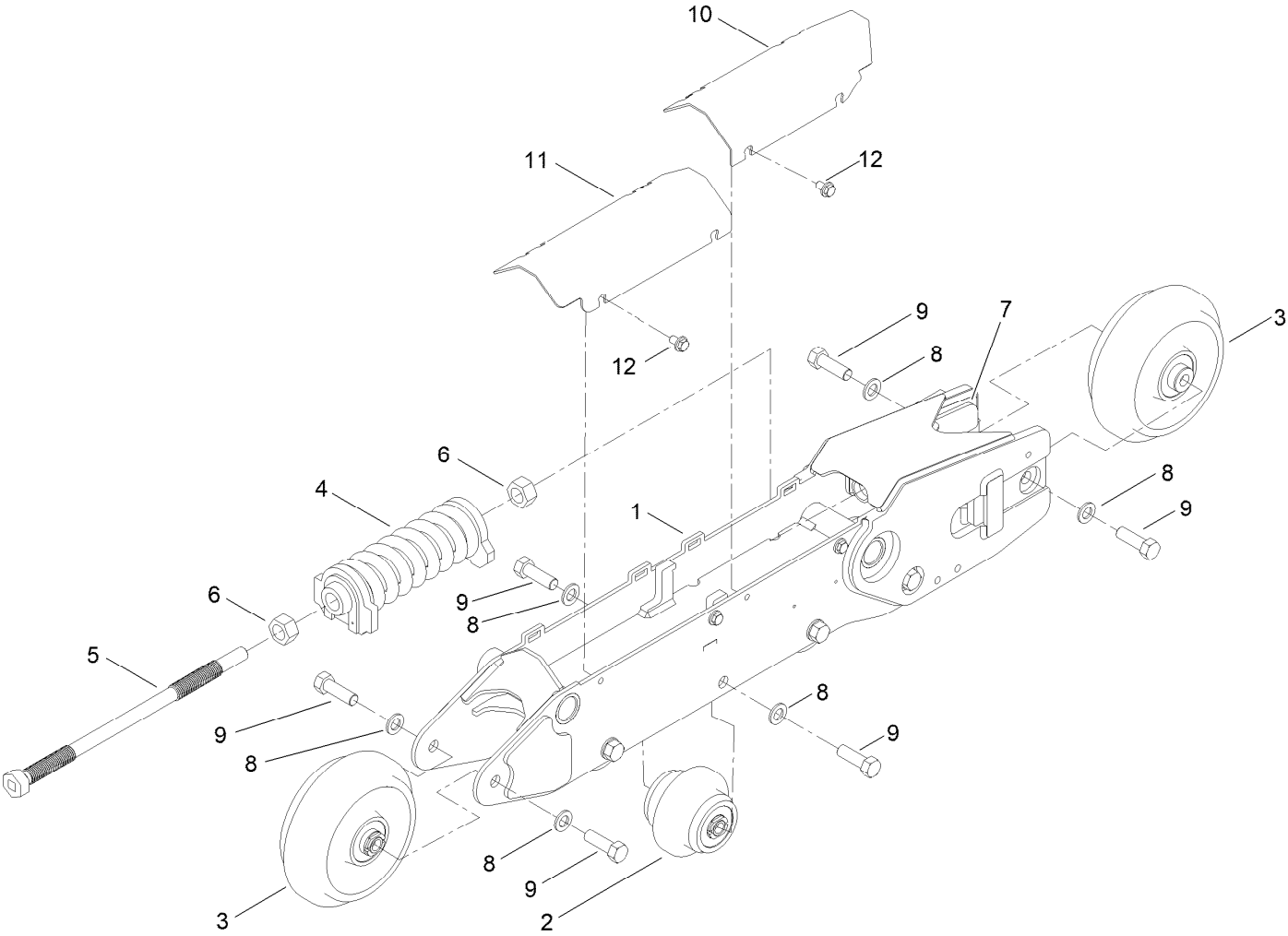


LH Track Assembly No. 139-7294 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-7303	1	Frame-Track LH
2	137-8808	4	Wheel ASM,
3	137-8807	2	Tensioner Wheel ASM
4	140-5872	1	Kit-Spring Tension
5	139-7298	1	Screw-Tensioner
6	3217-15	2	Nut-Hex

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
7	139-7301	1	Yoke-Tensioner
8	139-7310	12	Washer
9	111-3484	12	Screw-HH
10	139-7304	1	Plate-Cover LH
11	139-7305	1	Plate-Cover LH
12	63-11-019	4	Screw-HHF

RH Track Assembly No. 139-7293

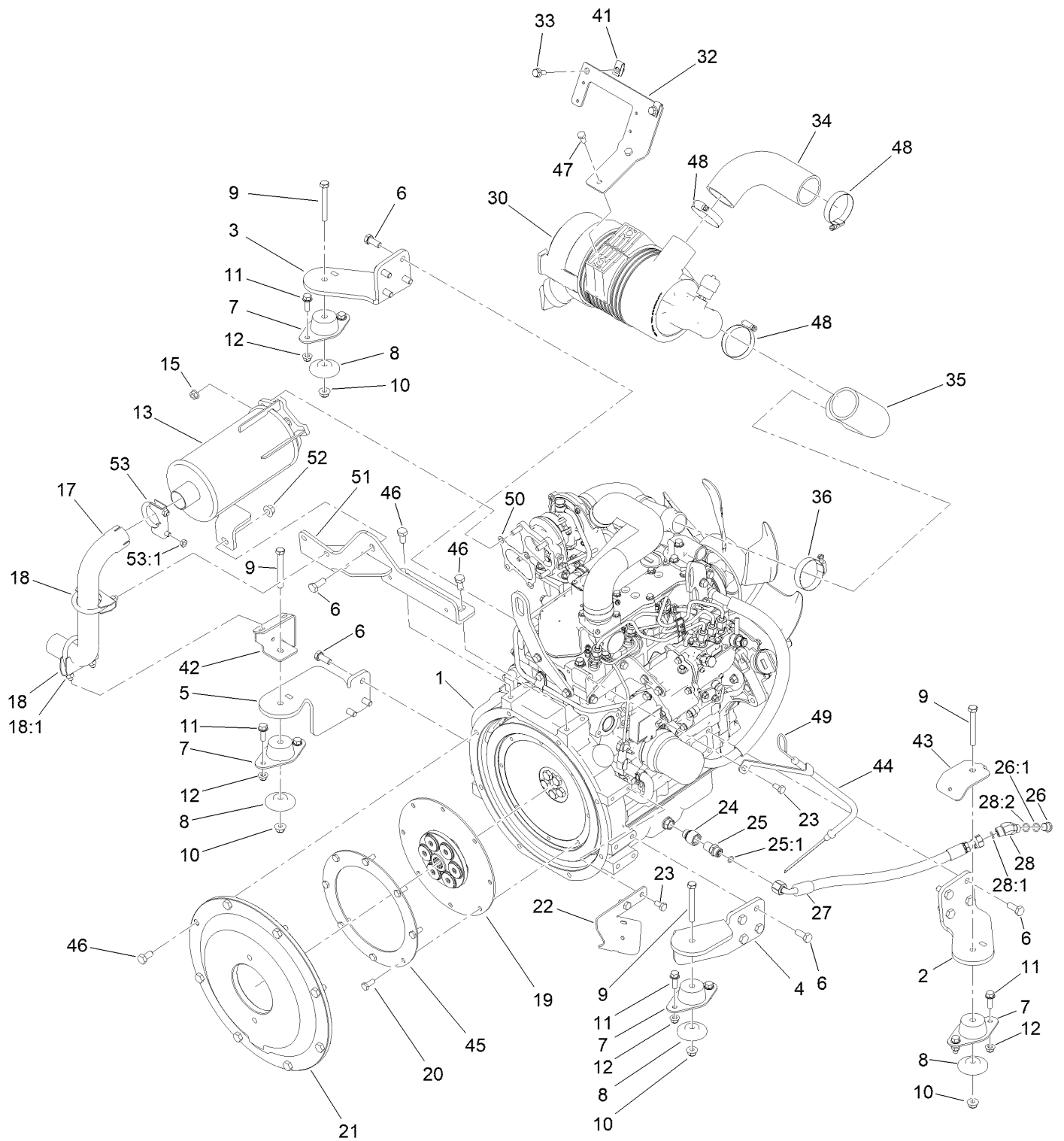


RH Track Assembly No. 139-7293 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-7292	1	Frame-Track RH
2	137-8808	4	Wheel ASM,
3	137-8807	2	Tensioner Wheel ASM
4	140-5872	1	Kit-Spring Tension
5	139-7298	1	Screw-Tensioner
6	3217-15	2	Nut-Hex

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
7	139-7301	1	Yoke-Tensioner
8	139-7310	12	Washer
9	111-3484	12	Screw-HH
10	139-7311	1	Plate-Cover RH
11	139-7312	1	Plate-Cover RH
12	63-11-019	4	Screw-HHF

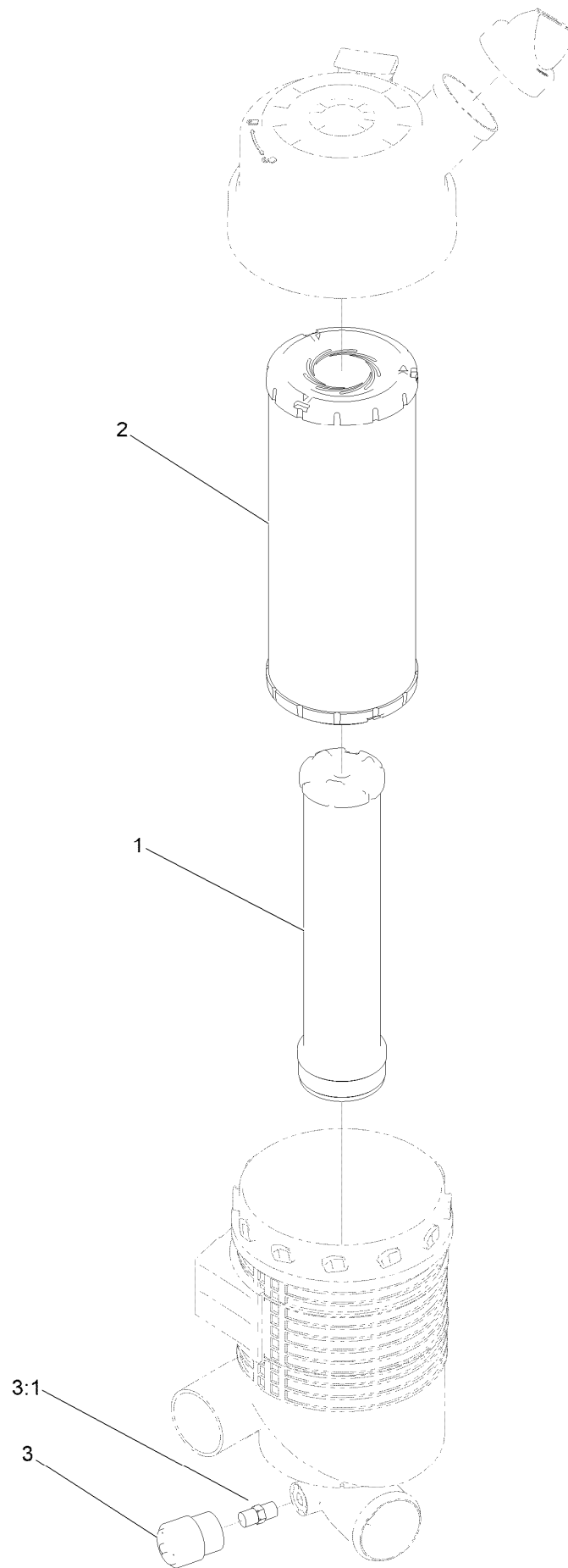
Engine and Muffler Assembly



Engine 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	145-4547	1	Engine-Yanmar, 3Tnv80Ft-Zmtr2	26	353-989	1	Plug-Hex, Hollow
2	144-4417-03	1	Mount-Engine, LH, Rear	26:1	237-42	1	O-Ring
3	144-4418-03	1	Mount-Engine, RH, Rear	27	140-5968	1	HYD Hose ASM
4	144-4419-03	1	Mount-Engine, LH, Front	28	340-87	1	Fitting-Elbow, 45 DEG
5	144-4420-03	1	Mount-Engine, RH, Front	28:1	237-22	1	O-Ring
6	33115-025	16	Screw-HH	28:2	237-42	1	O-Ring
7	120-6274	4	Mount-Engine	30	147-6793	1	Air Cleaner ASM
8	138-6462	4	Support-Isolator	32	147-6788-0P	1	Bracket-Air Cleaner
9	323-14	4	Screw-HH	33	3234-47	2	Screw-HHF
10	104-8301	4	Nut-HF, NI	34	147-6786	1	Hose-Intake
11	3234-29	8	Screw-HHF	35	147-6787	1	Hose-Intake
12	104-8300	8	Nut-HF, NI	36	163-7710	1	Clamp-Hose, Lined
13	147-6859	1	Muffler ASM	41	115-7721	2	Nut-Clip, U
15	33004-00	4	Nut-HF	42	147-6866-0P	1	Bracket-Tailpipe, Foot
17	147-6865	1	Pipe-Exhaust	43	147-6759-0P	2	Bracket-Hose Guide
18	2112-6	2	Clamp-Muffler	44	147-6768	1	Dipstick
18:1	3218-2	2	Nut-Hex Jam	45	147-6791	1	Ring-Flywheel
19	126-6531	1	Coupler-Flywheel	46	33115-020	10	Screw-HH
20	33114-020	8	Screw-HH	47	139-9940	2	Screw-HH,Patch
21	145-3210-0P	1	Cover-Flywheel	48	2412-130	3	Clamp-Hose
22	145-4305-0P	1	Bracket-Guide, Hose	49	163-1158	1	Dipstick, Lub.Oil
23	33114-010	3	Screw-HH	50	147-6795	1	Gasket-Exhaust
24	139-2218	1	Adaptor-STR	51	147-6867-0P	1	Bracket-Muffler
25	340-12	1	Fitting-Straight	52	136-8683	1	Nut-Lock
25:1	237-22	1	O-Ring	53	2112-9	1	Clamp
				53:1	32128-20	2	Nut-HF

Air Cleaner Assembly No. 147-6793



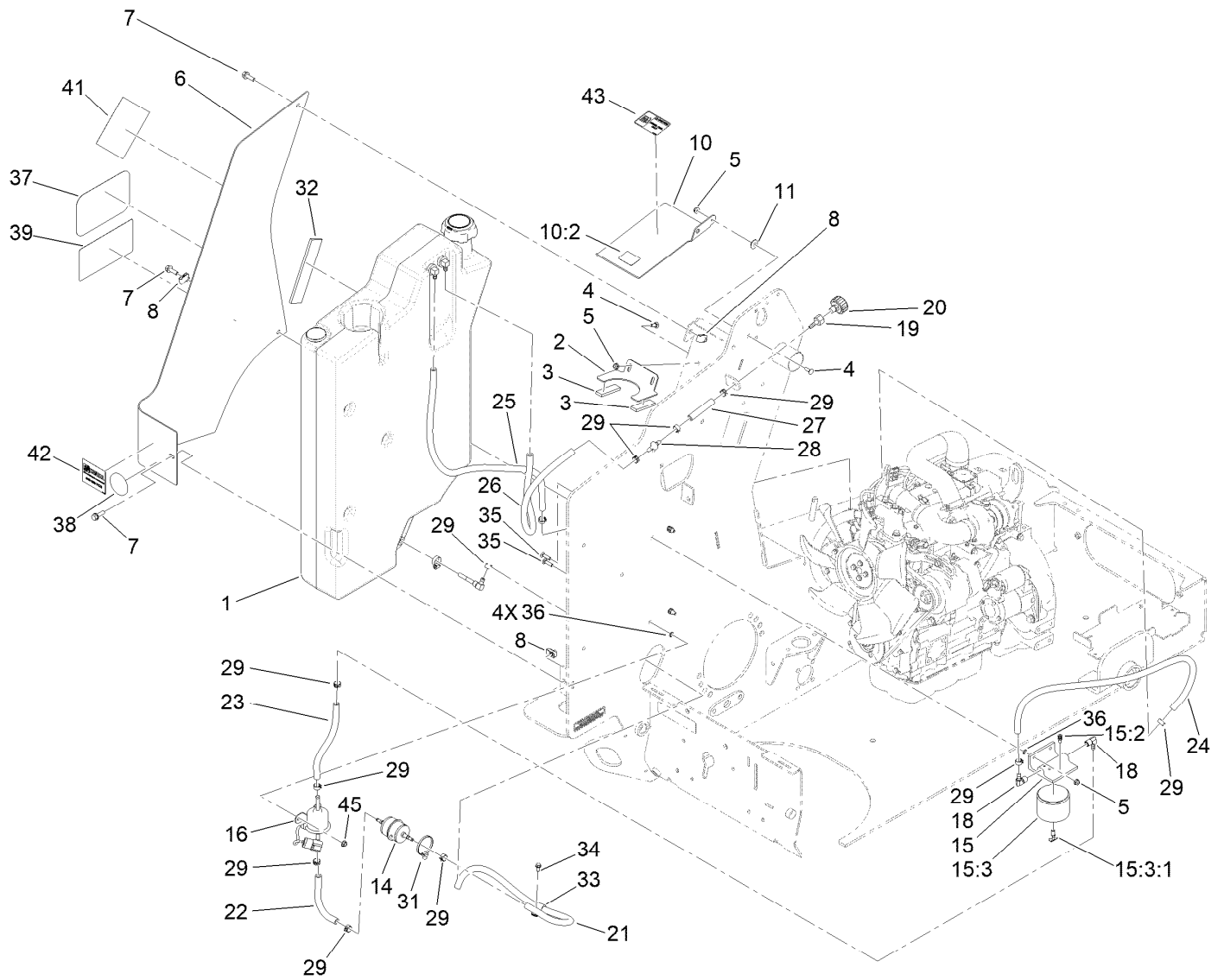
Air Cleaner Assembly No. 147-6793 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	114-4057	1	Element-Safety
2	147-6812	1	Filter-Air

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	104-3563	1	Indicator
3:1	94-1416	1	Adapter-Indicator ●

● Not illustrated

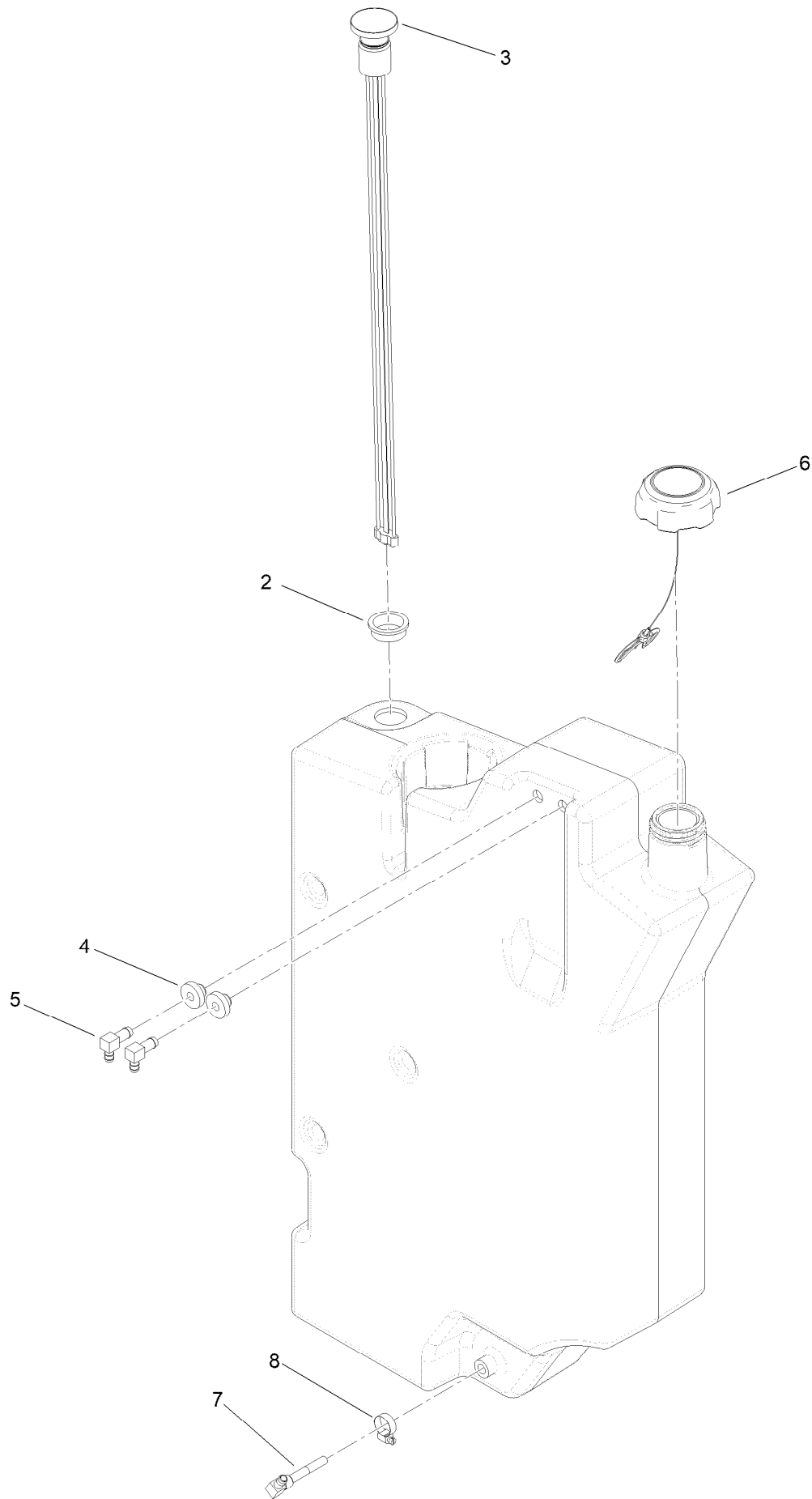
Fuel System Assembly



Fuel System 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	145-4466	1	Tank ASM-Fuel	22	117-4026	1	Hose-Fuel
2	145-4429-03	1	Bracket-Tank, Hold Down	23	136-6098	1	Hose-Fuel
3	145-4430	2	Pad-Foam	24	110-9662	1	Hose-Fuel
4	3229-1	3	Screw-CARR	25	109-0309	1	Hose-Fuel
5	104-7201	5	Nut-HF, NI	26	110-6187	1	Hose-Fuel
6	145-4474	1	Tank Cover ASM-Fuel	27	112-6388	1	Hose-Fuel
7	3234-29	3	Screw-HHF	28	99-5000	1	Valve-Check, Fuel
8	115-7721	3	Nut-Clip, U	29	92-2379	14	Clamp-Hose
10	145-4473	1	Tank Bracket ASM-Fuel	31	32180-118	1	Clip-Tie
10:2	130-2845	1	Decal-Ultra Low Sulfur Diesel	32	112-2401	1	Pad-Rubber
11	3290-456	1	Washer-Belleville	33	92-6064	1	Clamp-R
14	108-3828	1	Filter-Fuel	34	32144-4	1	Screw-HWH
15	109-2678	1	Filter ASM	35	3229-2	4	Screw-CARR
15:2	63-8290	1	Vent-Air	36	1-803037	6	Nut-Retaining
15:3	63-8300	1	Element-Spin On	37	145-0609	1	Decal-Toro Logo
15:3:1	63-8310	1	Valve-Drain	38	139-1937	1	Reflector-Red
16	121-5613	1	Pump-Fuel, Electric	39	147-6708	1	Decal-Tx1000 Turbo
18	353-781	2	Fitting-HYD, 90	41	131-0714	1	Decal-Cper0001
19	354-95	1	Fitting-Straight	42	132-8779	1	Decal-Rhsqg3X3
20	68-6150	1	Breather	43	161-7276	1	Decal - Cper0010
21	110-4112	1	Hose-Fuel	45	32128-33	2	Nut-HF

Fuel Tank Assembly No. 145-4466

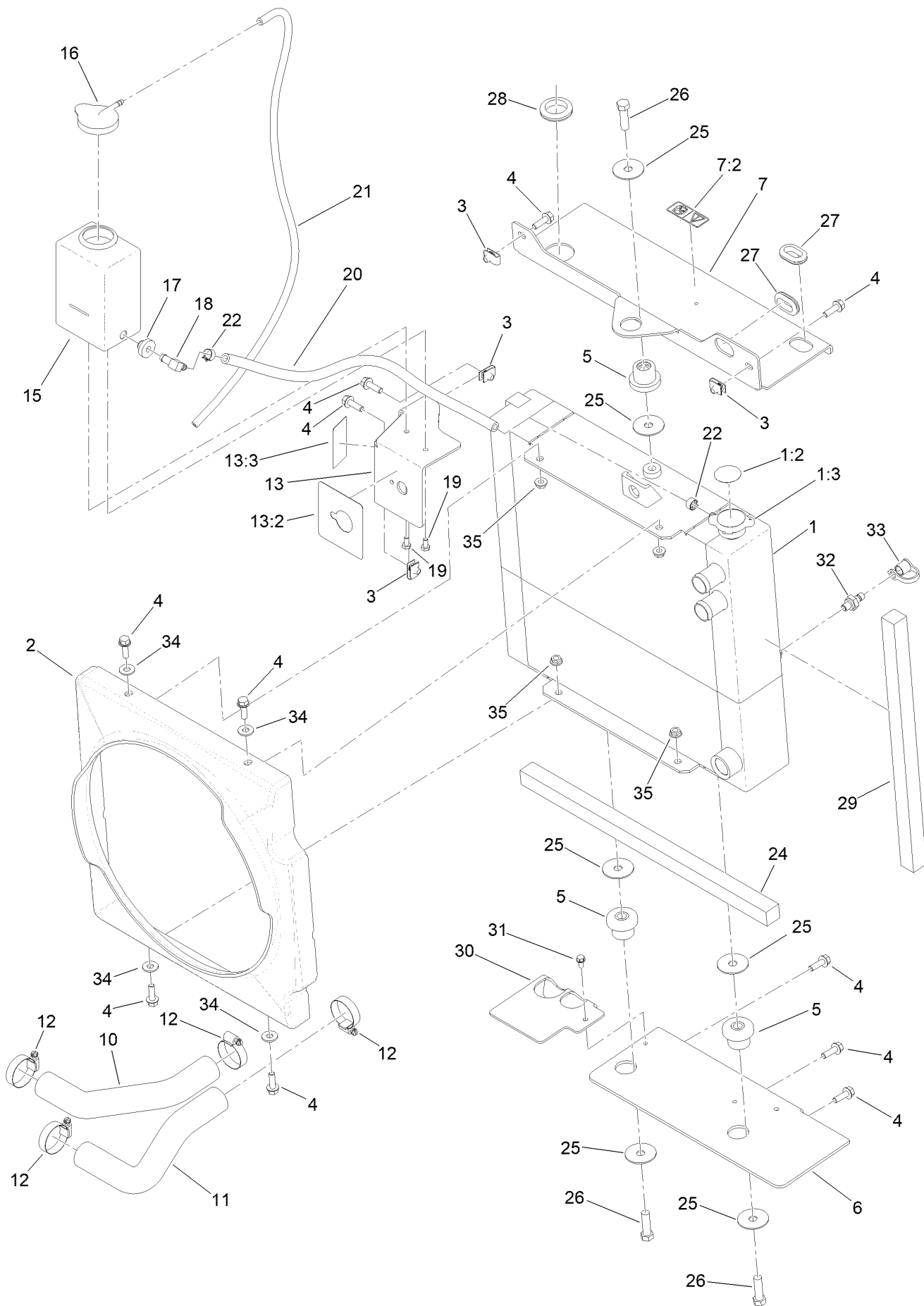


Fuel Tank Assembly No. 145-4466 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	95-8972	1	Grommet
3	133-6992	1	Gauge-Level, Fuel
4	46-6560	2	Bushing
5	46-6550	2	Fitting-Elbow, 90 DEG

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	144-4373	1	Cap-Diesel
7	115-4518	1	Pipe-Stand
8	2412-36	1	Clamp-Hose

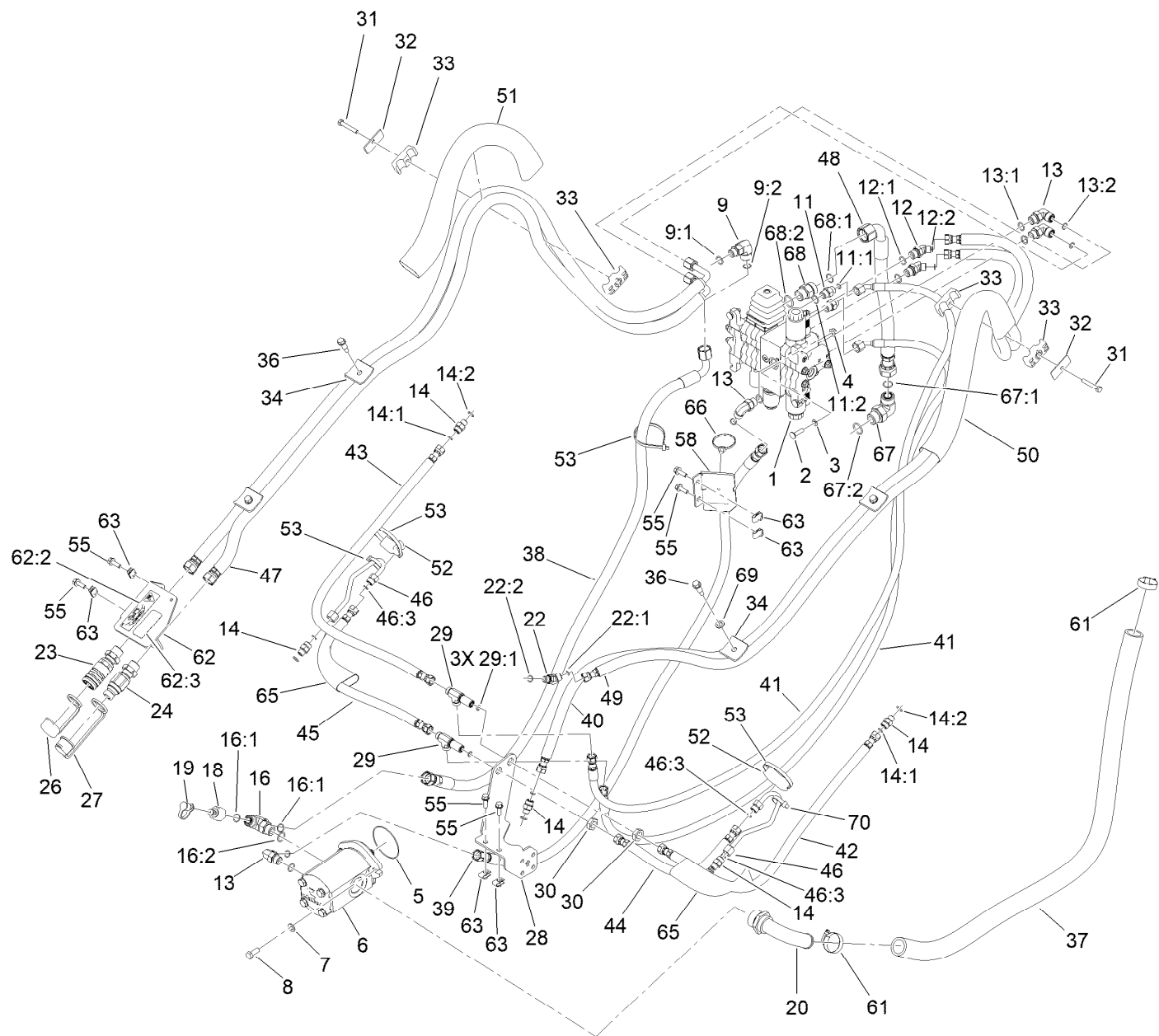
Cooling System Assembly



Cooling System 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	147-6714	1	Cooler ASM	17	46-6560	1	Bushing
1:2	106-6755	1	Decal-Cap, Radiator	18	46-6550	1	Fitting-Elbow, 90 DEG
1:3	163-7797	1	Cap - Radiator	19	321-2	2	Screw-HH
2	144-4423	1	Shroud-Cooler	20	108-3284	1	Hose-Fuel
3	115-7721	4	Nut-Clip, U	21	108-6344	1	Hose-Fuel
4	3234-29	11	Screw-HHF	22	92-2379	2	Clamp-Hose
5	119-1422	3	Mount-Isolator	24	145-4549	2	Foam-Radiator
6	145-4521-03	1	Plate-Mount, Cooler	25	147-6703	6	Washer
7	147-6701	1	Bracket-Cooler	26	324-6	3	Screw-HH
7:2	127-0392	1	Decal-Hot Surface	27	240-5	2	Grommet
10	145-4527	1	Hose-Radiator, Upper	28	240-3	1	Grommet-Rubber
11	145-4528	1	Hose-Radiator, Lower	29	147-6700	2	Foam-Radiator
12	2412-111	4	Clamp-Hose, W/Liner	30	147-6732	1	Baffle-Air
13	145-4475	1	Bottle Bracket	31	32144-4	1	Screw-HWH
			ASM-Radiator	32	99-4443	1	Fitting
13:2	131-8026	1	Decal-Battery Disconnect	33	354-79	1	Cap-Dust
13:3	147-6709	1	Decal-Warning, Fan	34	3256-3	4	Washer-Flat
15	1-643163	1	Tank-Overflow	35	32128-20	4	Nut-HF
16	1-643164	1	Cap-Tank, Overflow				

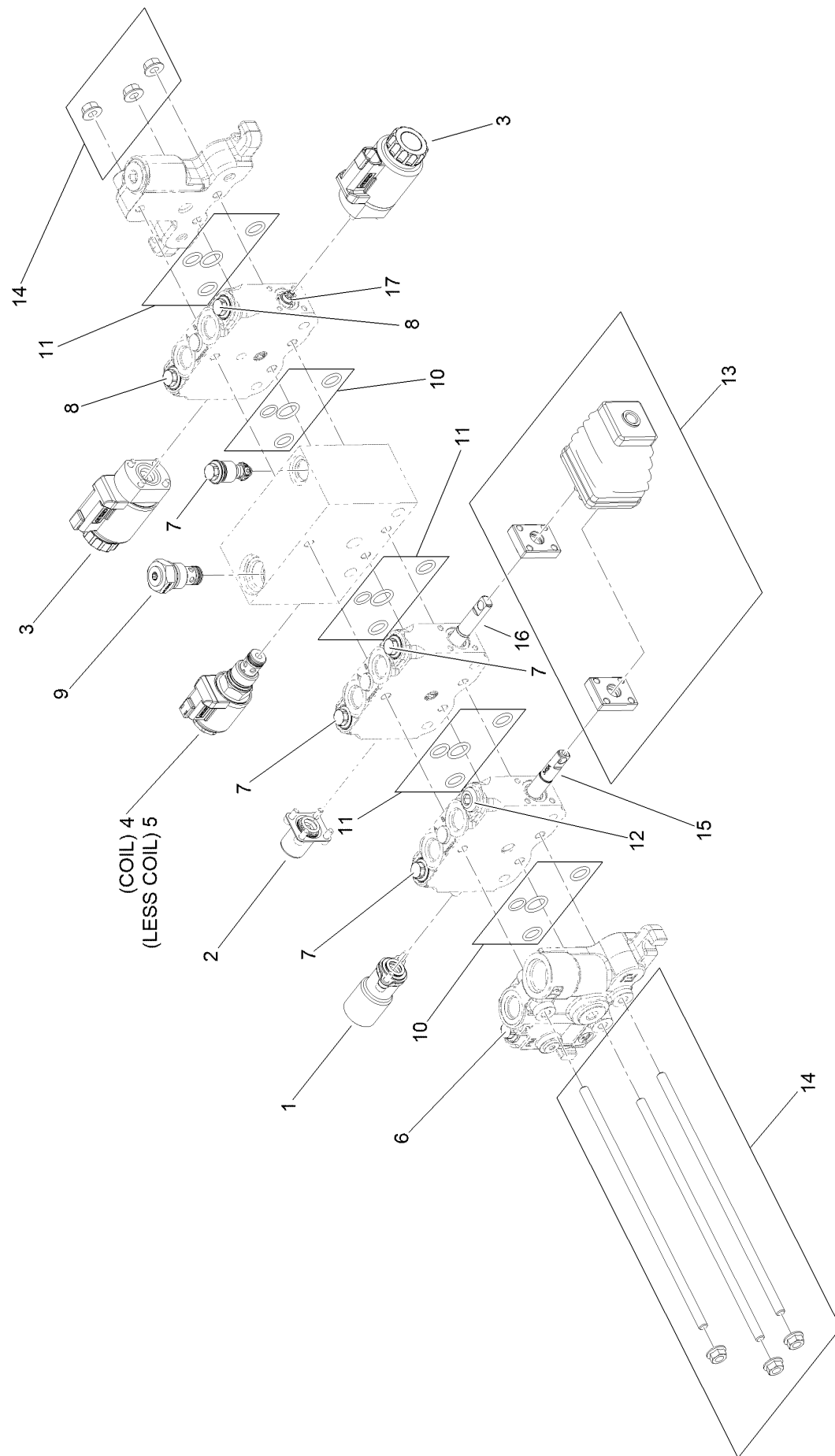
Principal Hydraulics Assembly



Principal Hydraulics 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	147-6885	1	Valve-Loader	31	322-11	2	Screw-HH
2	3230-3	3	Screw-CARR	32	69-9761	2	Plate-Cover
3	109-5667	3	Nut-Push	33	94-8105	4	Clamp-Tube
4	104-8300	3	Nut-HF, NI	34	145-4534	4	Plate-Hold Down
5	353-949	1	O-Ring	36	140-3759	4	Bolt-Shoulder,HHF
6	145-4384	1	Pump-Gear	37	145-4383	1	HYD Hose
7	33095-00	2	Washer-Flat	38	145-4376	1	HYD Hose ASM
8	33115-025	2	Screw-HH	39	145-4370	1	HYD Hose ASM
9	340-153	1	Fitting-Elbow, 90 DEG	40	145-4371	1	HYD Hose ASM
9:1	237-79	1	O-Ring	41	145-4372	2	HYD Hose ASM
9:2	237-151	1	O-Ring	42	145-4361	1	HYD Hose ASM
11	340-3	2	Fitting-Straight	43	145-4362	1	HYD Hose ASM
11:1	237-22	1	O-Ring	44	145-4363	1	HYD Hose ASM
11:2	237-79	1	O-Ring	45	145-4364	1	HYD Hose ASM
12	340-138	2	Fitting-HYD, 45 DEG	46	140-5724	2	Tube-HYD
12:1	237-79	1	O-Ring	46:3	237-22	1	O-Ring
12:2	237-22	1	O-Ring	47	145-4375	2	HYD Hose ASM
13	340-98	4	Fitting-Elbow, 90 DEG	48	147-6702	1	HYD Hose ASM
13:1	237-79	1	O-Ring	49	145-4489	1	HYD Hose ASM
13:2	237-30	1	O-Ring	50	100-6128	1	Sleeve-Protective
14	340-2	5	Fitting-Straight	51	130-7718	1	Sleeve-Protective
14:1	237-22	1	O-Ring	52	137-0146	2	Block-Hardline
14:2	237-42	1	O-Ring	53	3334-945	3	Tie-Cable
16	340-93	1	Tee-Adapter	55	3234-29	6	Screw-HHF
16:1	237-65	2	O-Ring	58	145-4540-0P	1	Bracket-Guide, Hose
16:2	237-80	1	O-Ring	61	2412-92	2	Clamp-Hose
18	86-5860	1	Nipple	62	145-4478	1	Bracket ASM-Qc
19	354-79	1	Cap-Dust	62:2	115-4855	1	Decal-Caution
20	147-6805	1	Elbow-90DEG	62:3	139-1173	1	Decal-Warning
22	340-87	1	Fitting-Elbow, 45 DEG	63	115-7721	6	Nut-Clip, U
22:1	237-22	1	O-Ring	65	133-8568	2	Sleeve-Protective
22:2	237-42	1	O-Ring	66	32180-118	1	Clip-Tie
23	139-4798	1	Coupler ASM,Bulkhead,	67	340-142	1	Fitting-Elbow, 90 DEG
24	139-4799	1	Coupler ASM,Bulkhead,	67:1	237-58	1	O-Ring
26	100-8816	1	Cap-Dust, Coupler	67:2	237-81	1	O-Ring
27	100-8815	1	Cap-Dust, Nipple	68	340-9	1	Fitting-STR
28	145-4328-03	1	Bracket-Bulkhead	68:1	237-58	1	O-Ring
29	340-68	2	Fitting-Tee, Bulkhead	68:2	237-81	1	O-Ring
29:1	237-22	3	O-Ring	69	133-4553	2	Spacer-Bearing
30	340-70	2	Nut-Lock	70	3290-378	2	Tie-Cable

Hydraulic Loader Valve Assembly No. 147-6885

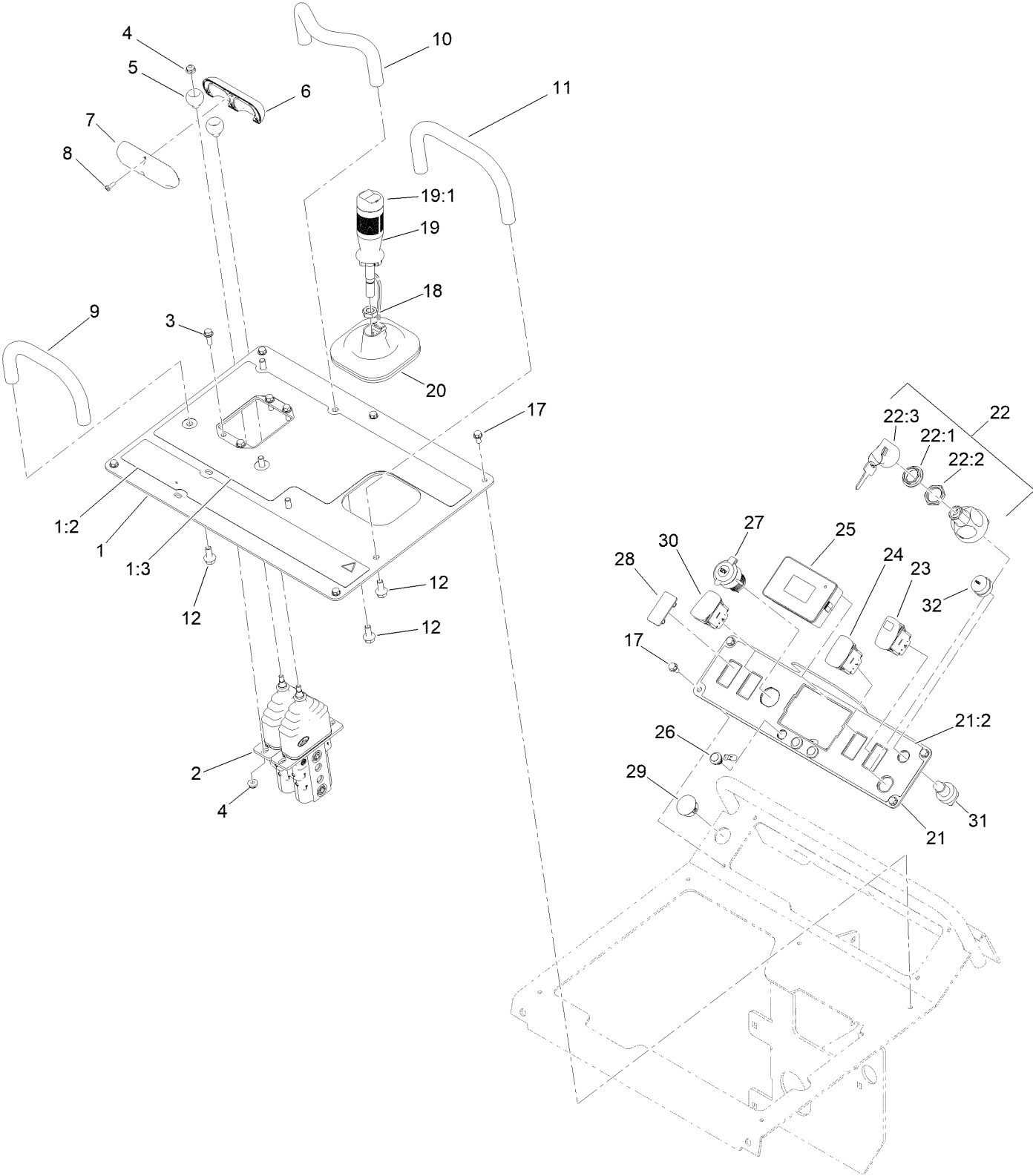


Hydraulic Loader Valve Assembly No. 147-6885 (continued)

<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	163-1183	1	Spool Control	13:3	163-3075	2	Bushing ●
2	163-1184	1	Spool Control	13:4	163-3076	3	End-Rod ●
3	163-1185	2	Spool Control	13:5	163-3077	2	Bolt ●
4	163-1186	1	Valve-Solenoid	13:6	163-3078	1	Longpin-Joystick ●
5	163-1187	1	Valve-Solenoid	13:7	163-3079	3	Nut-Hex ●
6	163-1188	1	Valve-Relief, Main	13:8	163-3080	3	Screw ●
7	163-1189	4	Valve-Relief	13:9	163-3081	1	Plate-Coord, Joystick ●
8	163-1190	2	Valve-Relief	13:10	163-3082	1	O-Ring ●
9	163-1191	1	Valve-Check	13:11	163-3083	2	Plate-Adapter ●
10	163-1192	2	Kit-Seal	13:12	163-3084	2	O-Ring ●
11	163-1193	3	Kit-Seal	13:13	163-3085	1	O-Ring ●
12	163-1194	1	Plug-Cavity	14	163-1196	1	Kit-Tie Rod
13	163-1195	1	Kit-Joystick	15	163-1197	1	Spool-Valve
13:1	163-3073	1	Plate-Joystick ●	16	163-1198	1	Spool-Valve
13:2	163-3074	4	Screw ●	17	163-1202	1	Spool-Valve

● Not illustrated

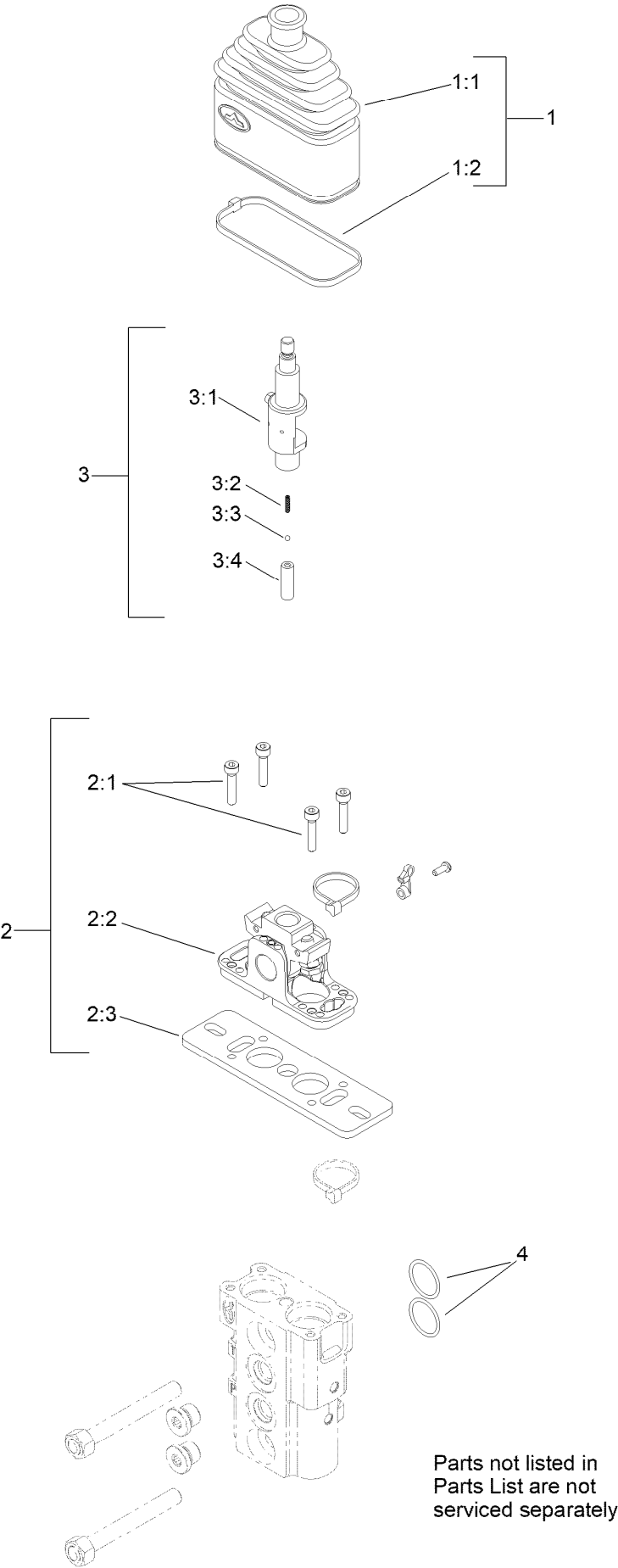
Controls Assembly



Controls 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	145-4479	1	Plate ASM-Controls	21	145-4480	1	Plate ASM-Console
1:2	147-6765	1	Decal-Safety	21:2	145-4484	1	Decal-Console
1:3	147-6883	1	Decal-Controls	22	161-4693	1	Switch-Ignition
2	145-3279	1	Valve-Control (Traction)	22:1	121-5160	1	Nut-Hex
3	115-5103	4	Screw-HHF	22:2	122-2704	1	Nut-Face, M22 (Plastic)
4	104-7201	6	Nut-HF, NI	22:3	121-5162	1	Set-Key, Ignition
5	130-7723	2	Ball-Traction	23	122-2719	1	Switch-Rocker, On-None-(On)
6	130-7692	1	Handle-Control	24	122-3203	1	Switch-Rocker,(On)-Off-(On)
7	131-9162	1	Handle-Traction	25	122-1201	1	Module-Display
8	94-6961	4	Screw	26	136-9678	3	Switch-Pushbutton
9	112-2620	1	Bar-Reference	27	109-9376	1	Receptacle-12V
10	138-0791	1	Bar-Reference	28	99-7420	1	Plug-Hole
11	145-4760	1	Bar-Reference	29	127-1842	1	Plug-Dome
12	3234-47	6	Screw-HHF	30	122-3145	1	Switch-Rocker, On - None - On
17	32144-4	9	Screw-HWH	31	112-3324	1	Switch-Horn
18	51-2070	1	Nut	32	112-3313	1	Nut-Weatherproof
19	140-5742	1	Handle-Auxiliary ASM				
19:1	147-6873	1	Boot-Switch, Joystick				
20	145-4746	1	Boot-Joystick				

Control Valve Assembly No. 145-3279

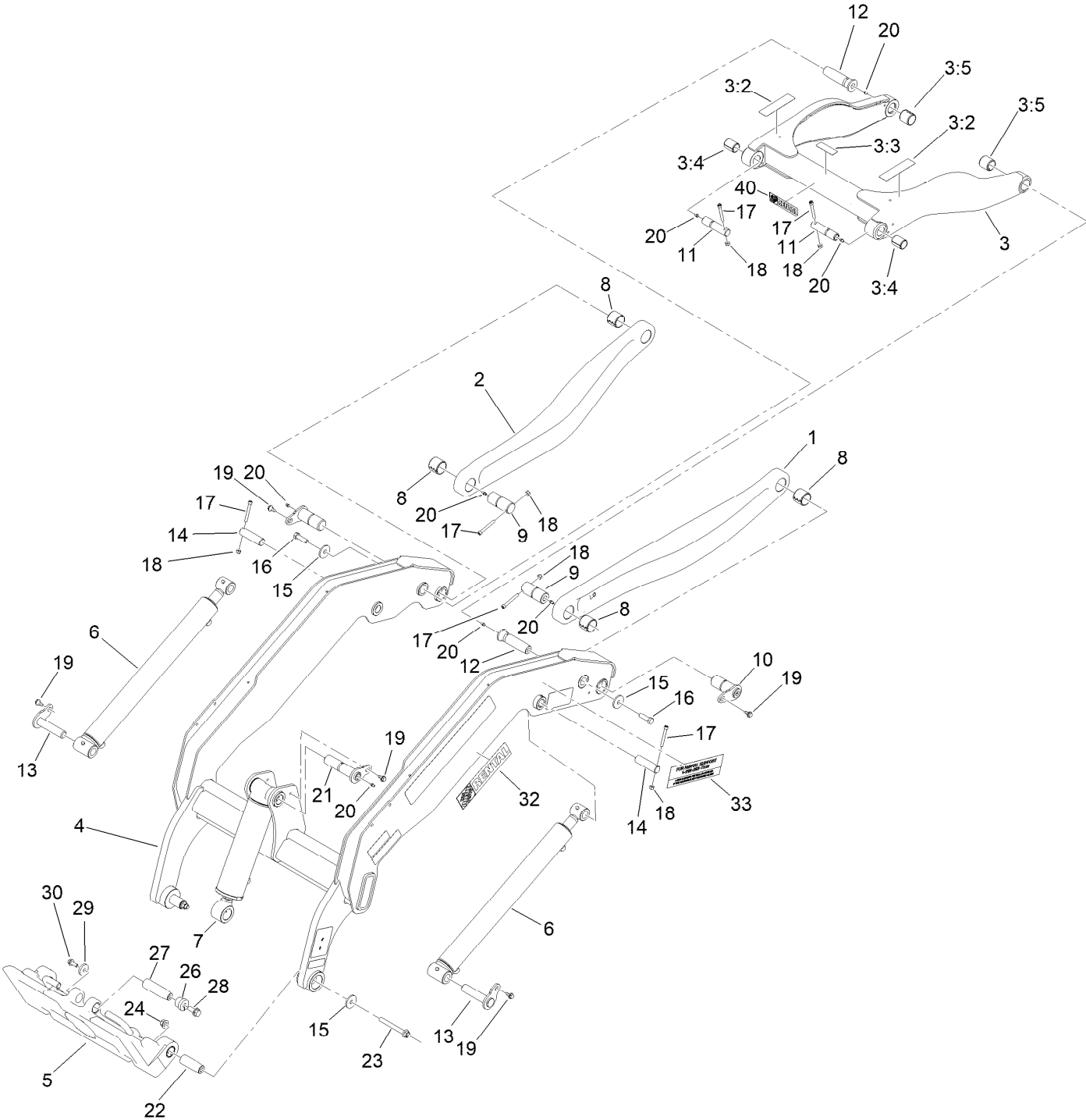


Control Valve Assembly No. 145-3279 (continued)

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

● Not serviced separately

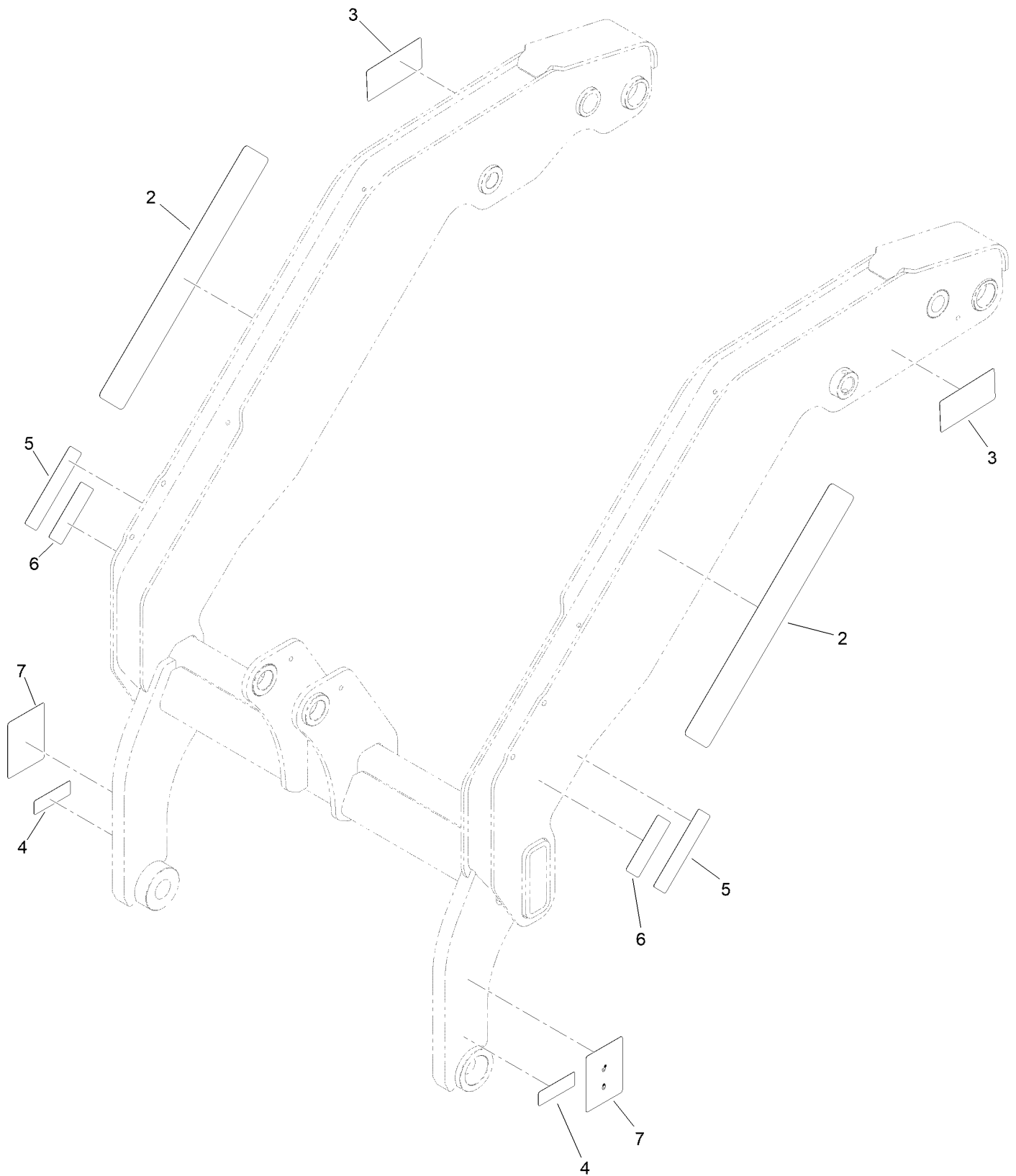
Loader Arm Assembly



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	147-6797-05	1	Link-Lower, LH [blk-Txt]	15	106-2008	4	Washer-Case Hard
2	147-6799-05	1	Link-Lower, RH [blk-Txt]	16	121-1524	2	Screw-HH
3	145-4314	1	Upper Link ASM-Loader	17	3274-40	6	Screw-HSH
3:2	139-1158	2	Decal-Warning	18	3296-29	6	Nut-Lock, NI
3:3	120-0625	1	Decal-Warning	19	99-5105	5	Screw-Shoulder
3:4	130-5200	2	Bushing-Spring	20	302-5	9	Fitting-Grease
3:5	139-5737	2	Bushing-Spring	21	137-0134	1	Flag Pin ASM
4	145-4307	1	Loader Arm ASM-Wt	22	140-6019	2	Pin-Link,Taper
5	140-6017	1	Attachment Plate ASM	23	117-3176	2	Screw-HHF
6	140-7634	2	Cylinder HYD (2.25X20.16 Double Action)	24	99-5107	2	Nut-Lock
7	147-6889	1	CYL-HYD	26	181-1002	1	Insert-Tapered
8	130-5199	4	Bushing-Spring	27	140-6076	1	Pin-Tapered
9	125-3748	2	Pin-Arm	28	137-4653	1	Screw-HHF
10	136-4708	2	Pin-Pivot	29	1-543610	1	Washer-Flat
11	125-3695	2	Pin-Link	30	3234-42	1	Screw-HHF
12	145-4312	2	Pin-Taper	32	161-2307	2	Decal - Hdhlw3X10
13	147-6705	2	Pin-Flag	33	131-0715	1	Decal-Cper0002
14	130-5178	2	Pin-Pivot	40	161-2308	1	Decal - Hdhlw1X5

Loader Arm Assembly No. 145-4307

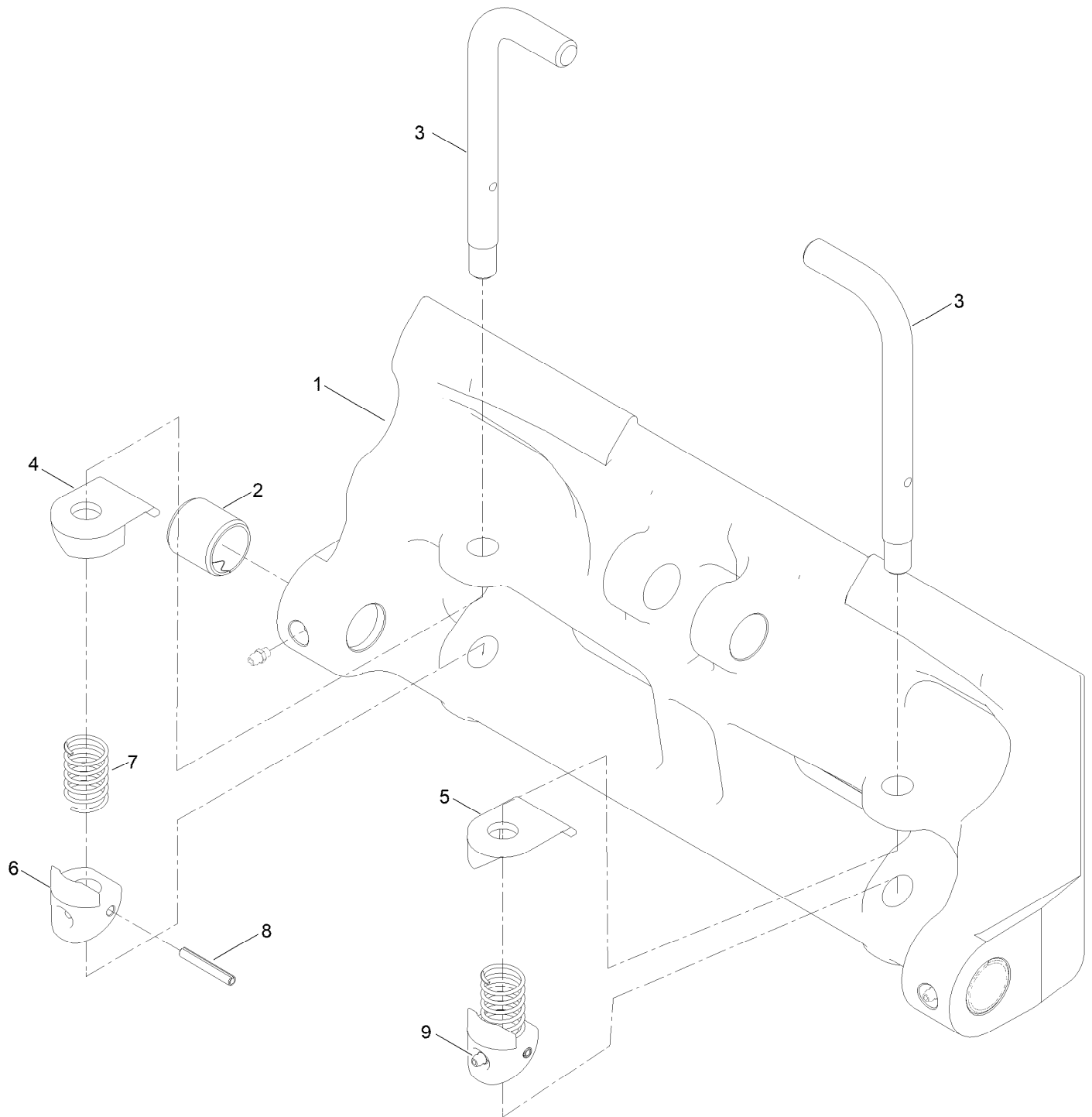


Loader Arm Assembly No. 145-4307 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	163-1207	2	Decal-Vertical Lift, Red
3	131-0711	2	Decal-Warning
4	120-0625	2	Decal-Warning

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	139-1158	2	Decal-Warning
6	139-1159	2	Decal-Warning
7	145-3252	2	Decal - Warning, Bucket

Attachment Plate Assembly No. 140-6017

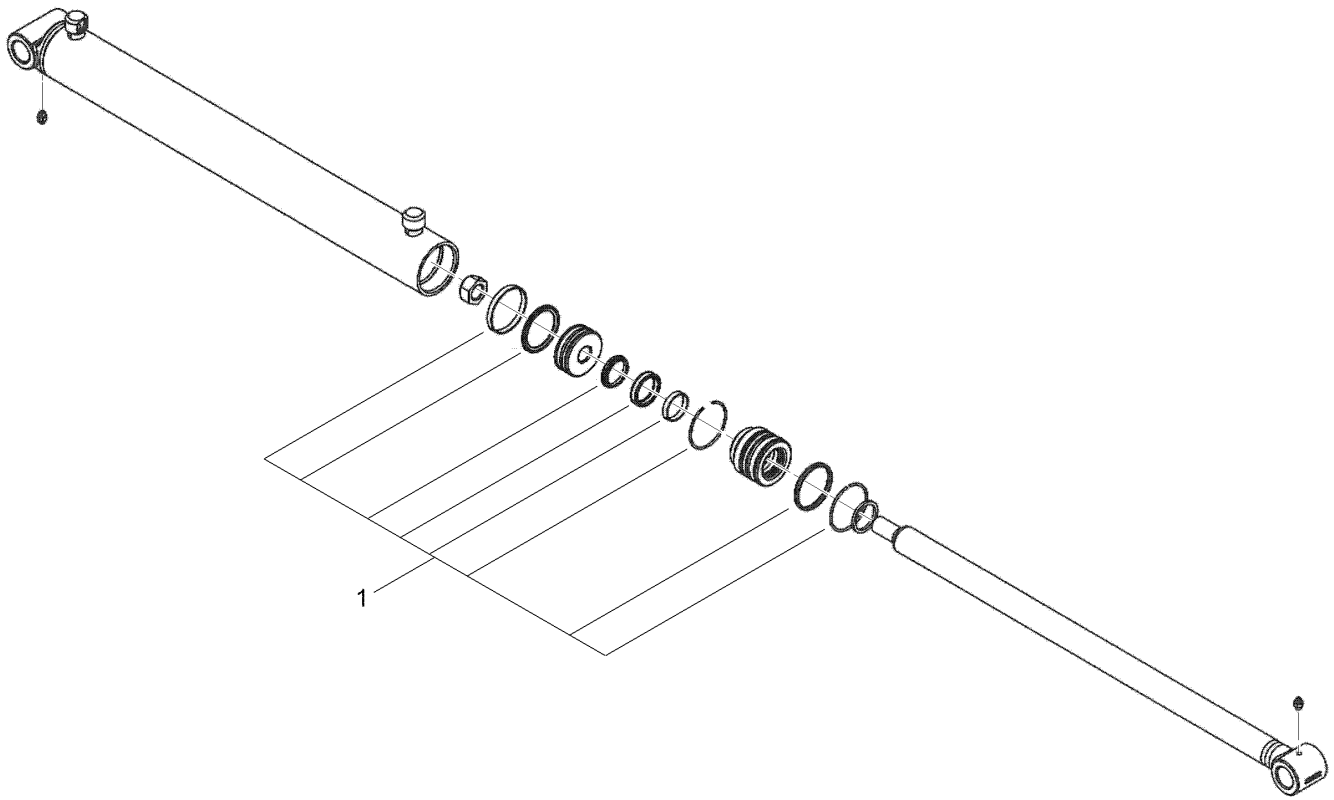


Attachment Plate Assembly No. 140-6017 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	140-5992	1	Qtach
2	147-6875	2	Bushing-Spring
3	163-1160	2	Pin-Locking
4	140-5983	1	Stop-Pin, LH
5	140-5991	1	Stop-Pin, RH

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
6	140-5981	2	Cam-Qtach
7	100-9782	2	Spring-Compression
8	32121-32	2	Pin-Roll
9	302-5	4	Fitting-Grease

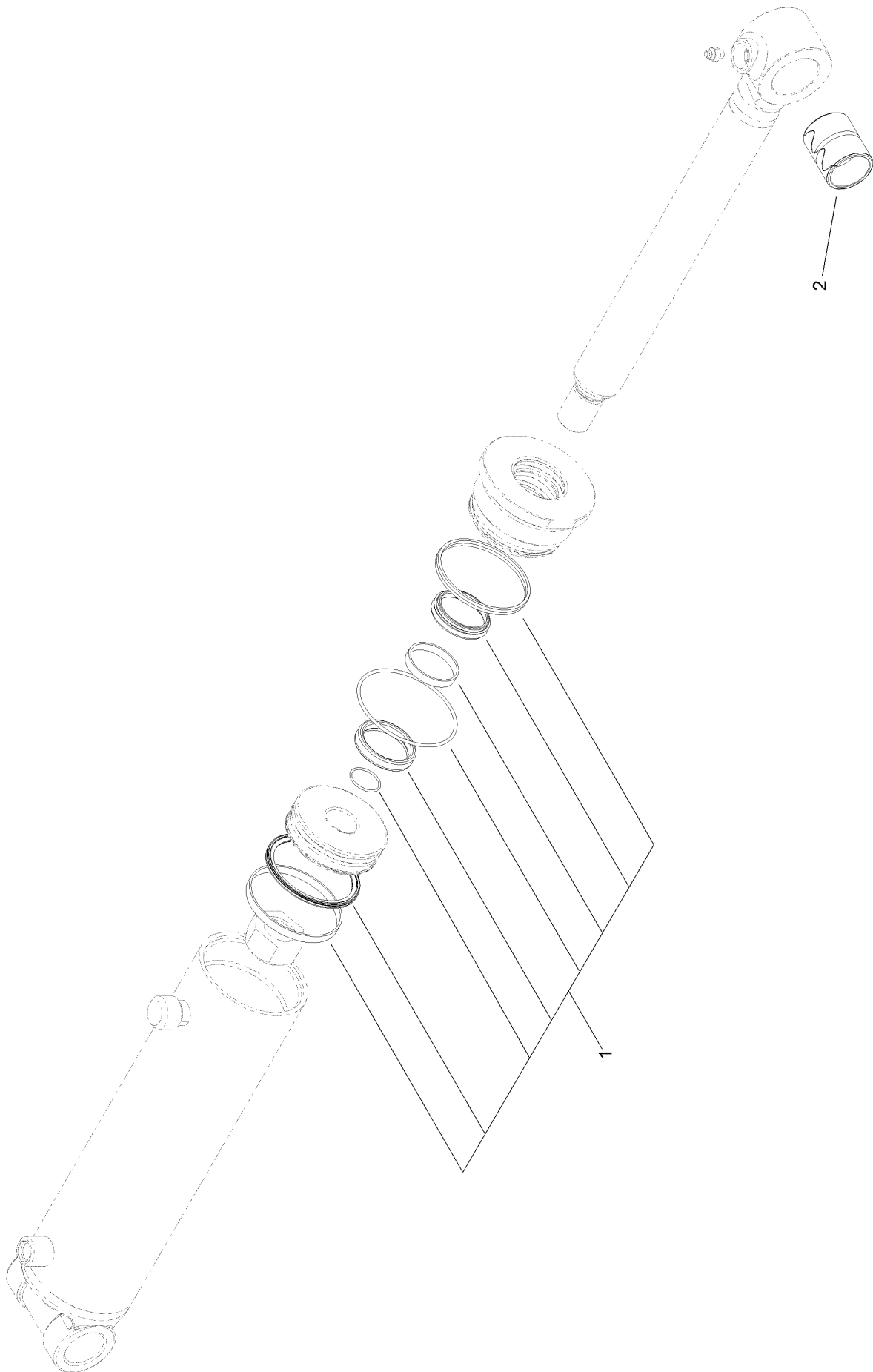
Hydraulic Cylinder Assembly No. 140-7634



Hydraulic Cylinder Assembly No. 140-7634 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	140-5309	1	Kit-Seal, Hydraulic CYL

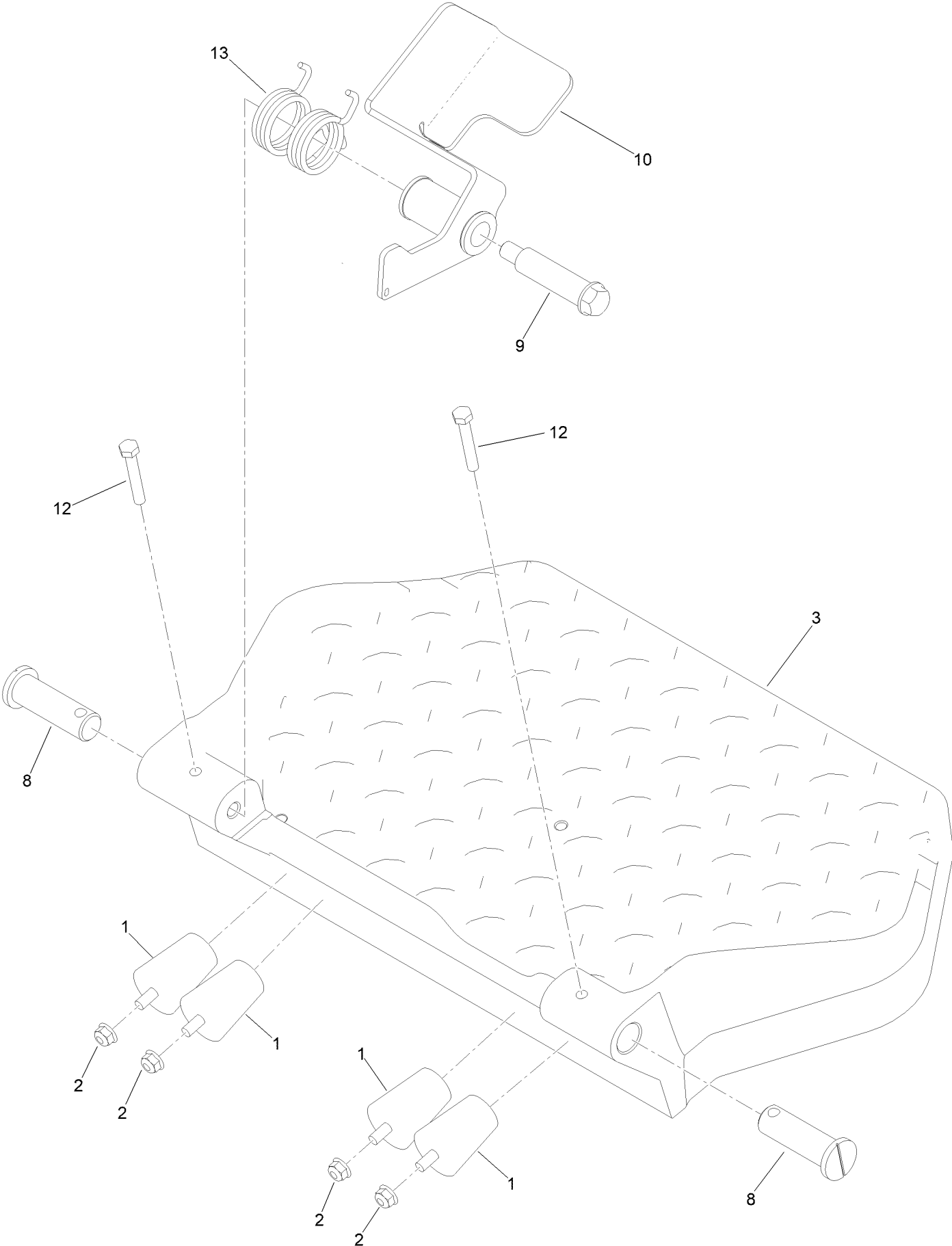
Hydraulic Cylinder Assembly No. 147-6889



Hydraulic Cylinder Assembly No. 147-6889 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	137-5209	1	Seal Repair Kit
2	147-6875	1	Bushing-Spring

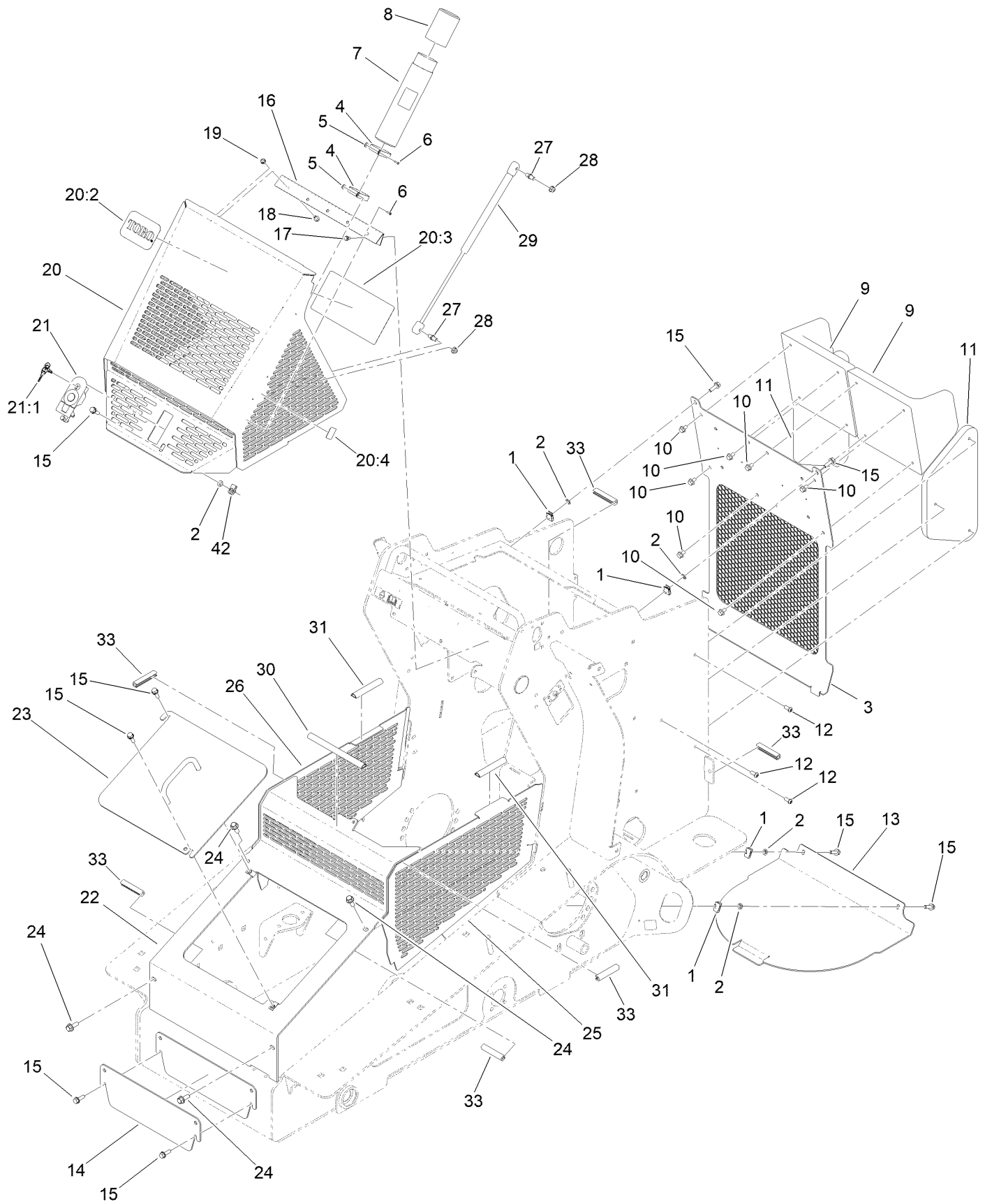
Platform Assembly



Platform 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	110-5070	4	Bumper	9	126-9209	1	Bolt-Shoulder
2	104-8300	4	Nut-HF, NI	10	147-6774-05	1	Pedal ASM [blk-Txt]
3	147-9003-05	1	Operator Platform [blk-Txt]	12	322-10	2	Screw-HH
8	147-6772	2	Pin-Platform	13	147-6857	1	Spring-Torsion, Twin Coils

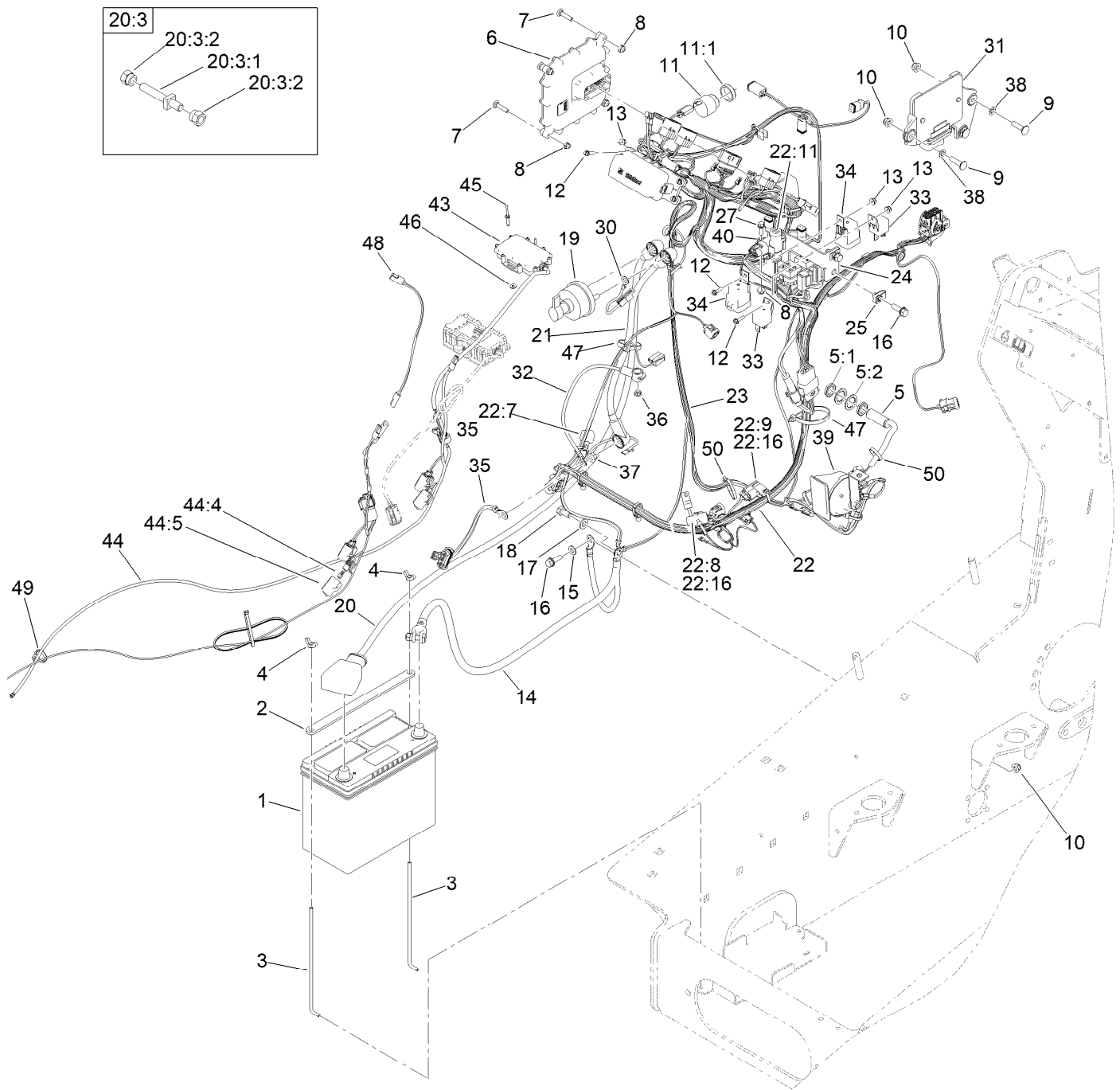
Hood and Covers Assembly



Hood and Covers 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	115-7721	6	Nut-Clip, U	20:2	161-6663	1	Decal-Toro Logo
2	109-5667	5	Nut-Push	20:3	145-4486	1	Decal-Service Interval
3	144-4365-05	1	Cover-Rear [blk-Txt]	20:4	147-6827	1	Decal-Operator Manual
4	2412-120	2	Clamp-R	21	144-4364	1	Latch-Compression, Locking
5	3269-10	2	Washer-Back	21:1	145-4488	1	Keys-Latch
6	3269-17	2	Rivet-Pop	22	163-3072-05	1	Panel-Cover, Front
7	104-7050	1	Tube-Manual	23	145-4338-05	1	Cover-Access, Battery [blk-Txt]
8	104-7048	1	Cap-Housing	24	3234-42	4	Screw-HHF
9	140-5943	2	Pad-Operator	25	147-6821-05	1	Cover-Side, LH
10	3234-30	8	Screw-HHF	26	147-6822-05	1	Cover-Side, RH
11	145-4343	2	Pad-Operator, Knee	27	98-3104	2	Stud-Ball
12	3274-55	6	Screw-HSBH	28	104-8300	2	Nut-HF, NI
13	144-4397-01	1	Cover-Access, Bottom	29	147-6766	1	Spring-Gas
14	144-4352-01	1	Cover-Access, Front	30	140-5942	1	Seal-Bulb
15	3234-29	9	Screw-HHF	31	138-2449	2	Seal-Bulb
16	100-1284	1	Hinge-Hood	33	70-2041	6	Trim - Edge
17	32144-4	4	Screw-HWH	42	112-3306	1	Nut
18	3234-13	5	Screw-HHF				
19	104-7201	5	Nut-HF, NI				
20	145-4470	1	Hood ASM				

Electrical Assembly

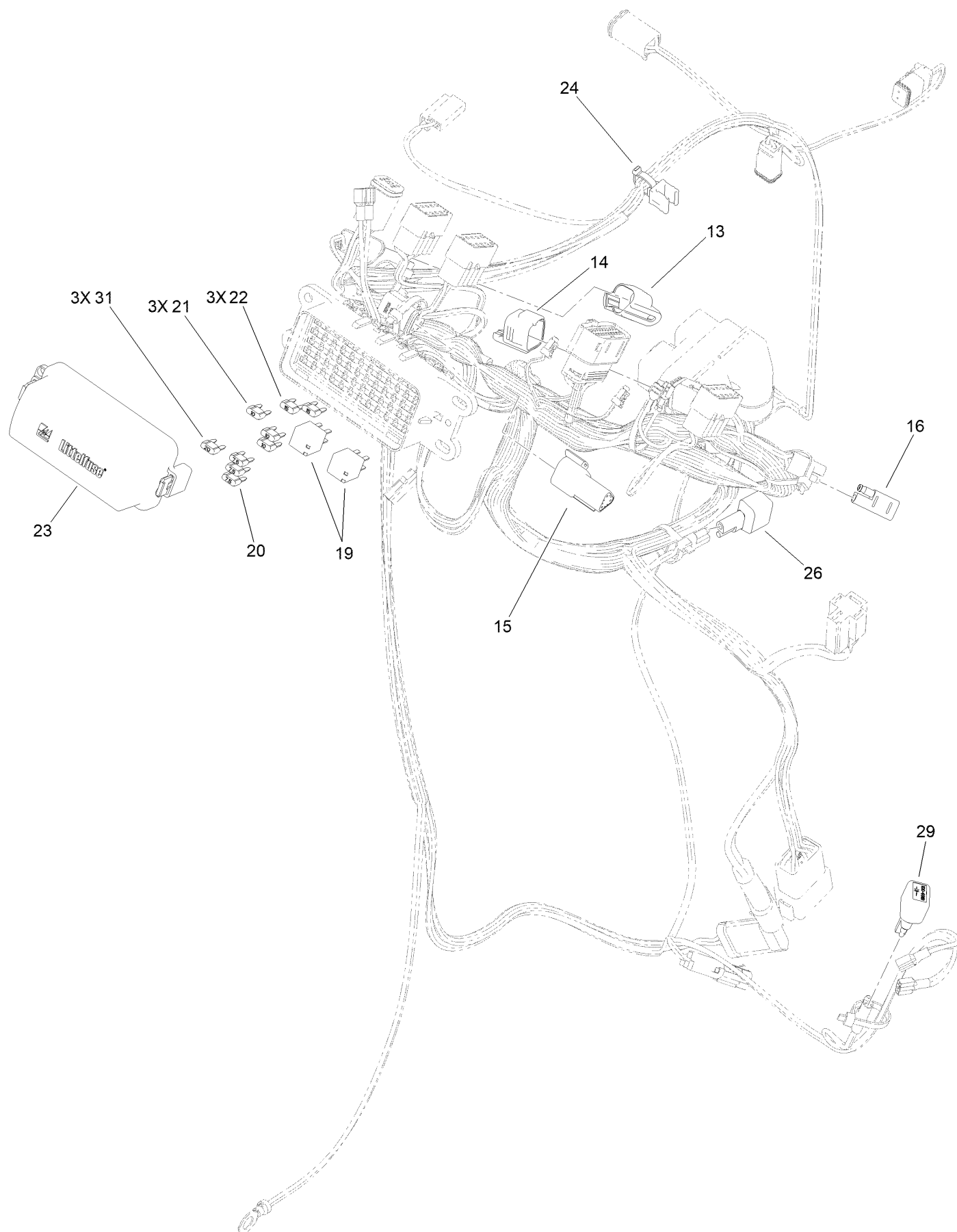


Electrical Assembly (continued)

<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	140-5760	1	Battery- Wet, 12V, 450 CCA	22:7	100-4918	1	Diode
2	145-4426-03	1	Plate-Hold Down, Battery	22:8	121-8861	1	Fuse-Mini Blade, 2 Amp
3	136-5756	2	Rod-Hold Down, Battery	22:9	121-8866	1	Fuse-Mini Blade, 10 Amp
4	1-803038	2	Wingnut	22:11	32160-359	1	Connector (6M)
5	115-5300	1	Proximity Switch ASM	22:16	32180-101	2	Cover-Fuse, Single
5:1	117-3207	2	Nut-Hex	23	122-2549	1	Harness-Wire, Main
5:2	117-3208	2	Washer-Lock, Internal Tooth	24	145-4397-0P	1	Bracket-Relay
6	127-2770	1	Controller	25	115-7721	2	Nut-Clip, U
7	3229-3	4	Screw-CARR	27	115-5103	2	Screw-HHF
8	104-7201	6	Nut-HF, NI	30	136-4862	1	Harness-Wire, Fusible Link
9	3230-3	3	Screw-CARR	31	144-4448	1	Controller-Engine
10	104-8300	4	Nut-HF, NI	32	100-5552	1	Harness-Wire
11	80-9330	1	Audio Alarm ASM	33	99-7435	2	Relay
11:1	104-5107	1	Nut-Plastic, Knurled	34	99-7430	2	Relay-Mini
12	32105-13	6	Screw-HWH	35	99-3441	1	Harness-Wire, Fusible Link
13	120-4578	6	Nut-HF	36	33003-00	1	Nut-HF
14	105-0115	1	Cable-Battery, Negative	37	33004-00	1	Nut-HF
15	120-9683	1	Washer-Plain	38	109-5667	3	Nut-Push
16	3234-29	3	Screw-HHF	39	116749	1	Horn
17	33095-00	1	Washer-Flat	40	126-9261	1	Sensor-Atm
18	33115-020	1	Screw-HH	43	131-0560	1	GPS ASM
19	AUR52278	1	Switch-Disconnect, Master	44	131-0567	1	Harness-Wire, GPS
19:1	3253-21	2	Washer-Lock ●	44:4	121-8864	2	Fuse-Mini Blade, 5 Amp
19:2	126-0687	2	Nut-Hex ●	44:5	32180-101	2	Cover-Fuse, Single
19:3	515-0040	1	Washer,Lock,Int,.91X1.387X.056,Std Bohs ●	45	3269-28	2	Rivet-Pop
20	122-2244	1	Cable-Battery, Rd ASM	46	3269-26	2	Washer-Plain
20:3	112-9921	1	Bolt ASM	47	3334-945	2	Tie-Cable
20:3:1	32180-107	1	Bolt-Clamp, Battery	48	122-3732	1	Harness-Wire, SAE J928-2, 12" Jumper
20:3:2	32180-108	2	Nut-Hex Shoulder	49	3290-378	4	Tie-Cable
21	122-2245	1	Cable-Battery, Rd ASM	50	3290-378	3	Tie-Cable
22	122-2548	1	Harness-Wire, Engine				

● Not illustrated

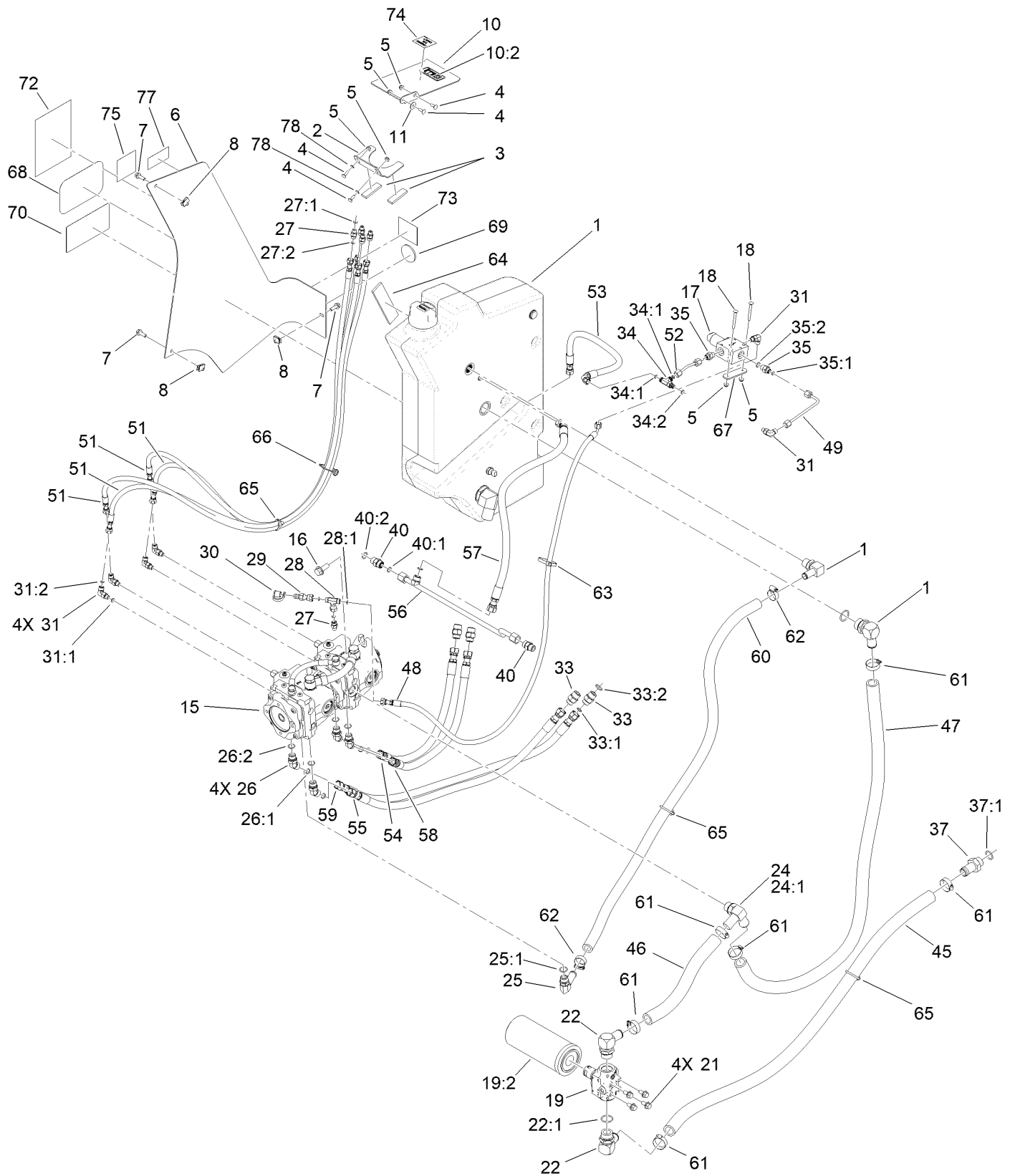
Main Wire Harness Assembly No. 122-2549



Main Wire Harness Assembly No. 122-2549 (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>
13	32180-089	1	Cap-Plug, 3 Way	22	121-8867	3	Fuse-Mini Blade, 15 Amp
14	32180-156	1	Cap-Plug, 6 Way	23	32180-229	2	Cover-Littelfuse, Pdm 60F
15	32180-043	1	Resistor-120 Ohm	24	32180-078	1	Clip-Edge
16	116-0053	1	Cap-Plug	26	104-4022	1	Resistor-75 Ohm
19	126-3991	2	Relay-Micro	29	100-4918	1	Diode
20	121-8865	3	Fuse-Mini Blade, 7.5 Amp	31	121-8868	1	Fuse-Mini Blade, 20 Amp
21	121-8866	3	Fuse-Mini Blade, 10 Amp				

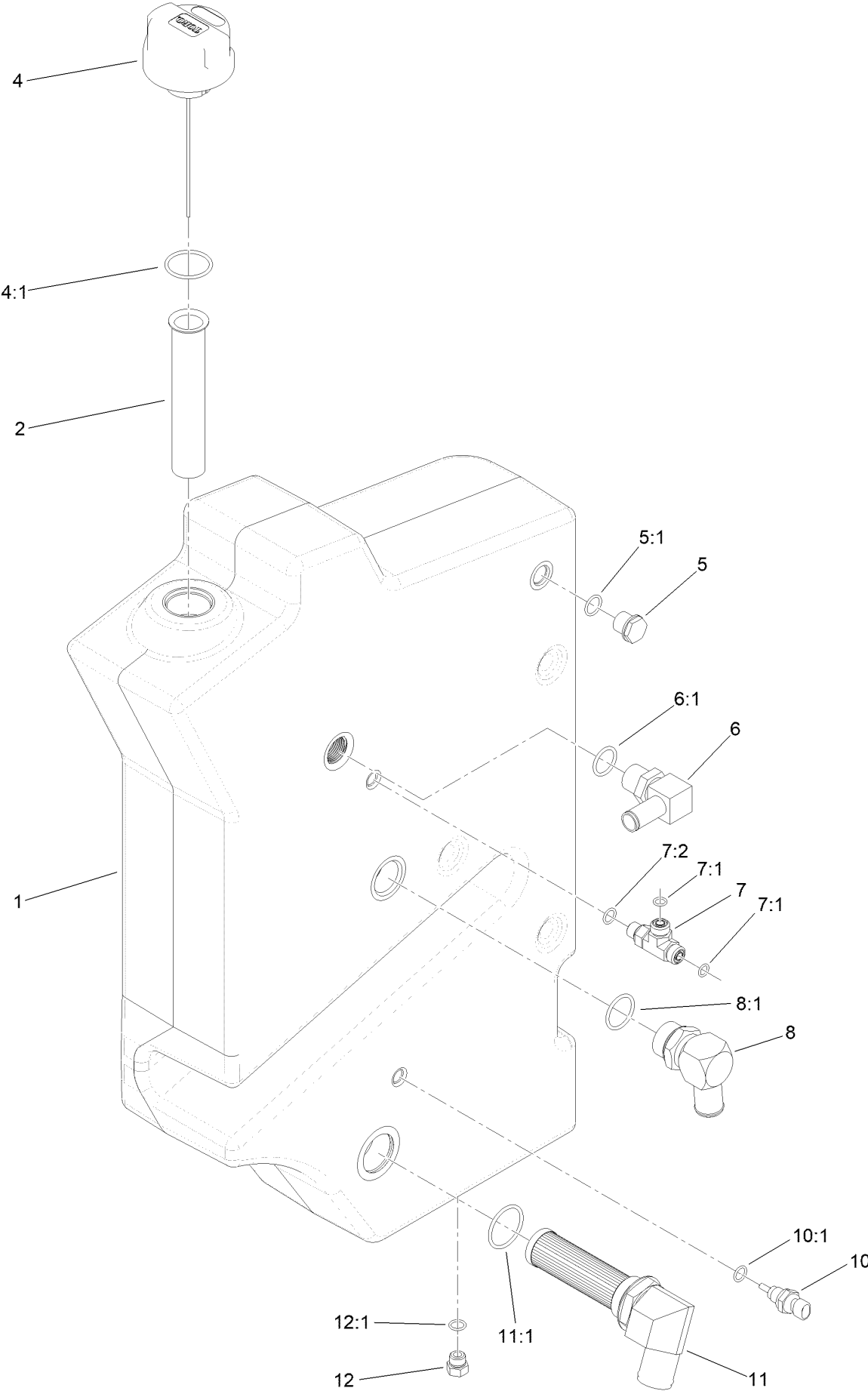
Traction Hydraulics Assembly



Traction Hydraulics 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	145-4467	1	Tank ASM-HYD	34:1	237-21	2	O-Ring
2	145-4429-03	1	Bracket-Tank, Hold Down	34:2	237-78	1	O-Ring
3	145-4430	2	Pad-Foam	35	340-1	2	Fitting-Straight
4	3229-1	4	Screw-CARR	35:1	237-21	1	O-Ring
5	104-7201	6	Nut-HF, NI	35:2	237-42	1	O-Ring
6	145-4483	1	Tank Cover ASM-HYD	37	99-3017	1	Fitting
7	3234-29	3	Screw-HHF	37:1	237-81	1	O-Ring
8	115-7721	3	Nut-Clip, U	40	340-4	2	Fitting-Straight
10	145-4482	1	Tank Bracket ASM-HYD	40:1	237-30	1	O-Ring
10:2	125-8483	1	Decal-HYD Fluid	40:2	237-79	1	O-Ring
11	3290-456	1	Washer-Belleville	45	145-4380	1	HYD Hose
15	147-6767	1	Pump-Tandem	46	145-4381	1	HYD Hose
16	147-6874	2	Screw-HF	47	145-4382	1	HYD Hose
17	145-4324	1	Valve-Proportional Pressure Reducing	48	145-4365	1	HYD Hose ASM
18	120-9699	2	Screw-CARR	49	147-6713	1	HYD Tube ASM
19	139-1010	1	Filter Head ASM	51	145-4368	4	HYD Hose ASM
19:2	94-2621	1	Element-Filter	52	147-6711	1	HYD Tube ASM
21	3234-1	4	Screw-HHF	53	145-4374	1	HYD Hose ASM
22	23-8910	2	Stem-Barb-90	54	145-4377	1	HYD Hose ASM
22:1	237-146	1	O-Ring	55	145-4378	1	HYD Hose ASM
24	AU375462A1	1	Connector	56	147-6770	1	HYD Tube ASM
24:1	237-81	1	O-Ring	57	147-6769	1	HYD Hose ASM
25	87-8170	1	Fitting-90	58	145-4490	1	HYD Hose ASM
25:1	237-80	1	O-Ring	59	145-4491	1	HYD Hose ASM
26	340-101	4	Fitting-HYD, 45 DEG	60	145-4492	1	HYD Hose
26:1	237-30	1	O-Ring	61	2412-111	6	Clamp-Hose, W/Liner
26:2	237-79	1	O-Ring	62	2412-129	2	Clamp-Hose
27	340-92	5	Fitting-Straight	63	3334-945	1	Tie-Cable
27:1	237-78	1	O-Ring	64	112-2401	1	Pad-Rubber
27:2	237-21	1	O-Ring	65	32180-118	3	Clip-Tie
28	99-3477	1	Fitting-Tee	66	32180-139	1	Mount-Tie Wrap, Magnetic
28:1	237-21	2	O-Ring	67	147-6790	1	Bracket-Clamp, Valve
29	115-8886	1	Nipple-Test	68	145-0609	1	Decal-Toro Logo
30	353-947	1	Cap-Dust, Black	69	139-1937	1	Reflector-Red
31	340-132	6	Fitting-Elbow, 90 DEG	70	147-6708	1	Decal-Tx1000 Turbo
31:1	237-78	1	O-Ring	72	147-7003	1	Decal-Rhvsq6X8
31:2	237-21	1	O-Ring	73	132-8779	1	Decal-Rhsqg3X3
33	340-6	4	Fitting-Straight	74	131-0716	1	Decal-Cper0003
33:1	237-30	1	O-Ring	75	131-0720	1	Decal-Cper0811
33:2	237-80	1	O-Ring	77	161-2309	1	Decal - Cper0009-03
34	340-140	1	Fitting-Tee	78	1-803037	2	Nut-Retaining

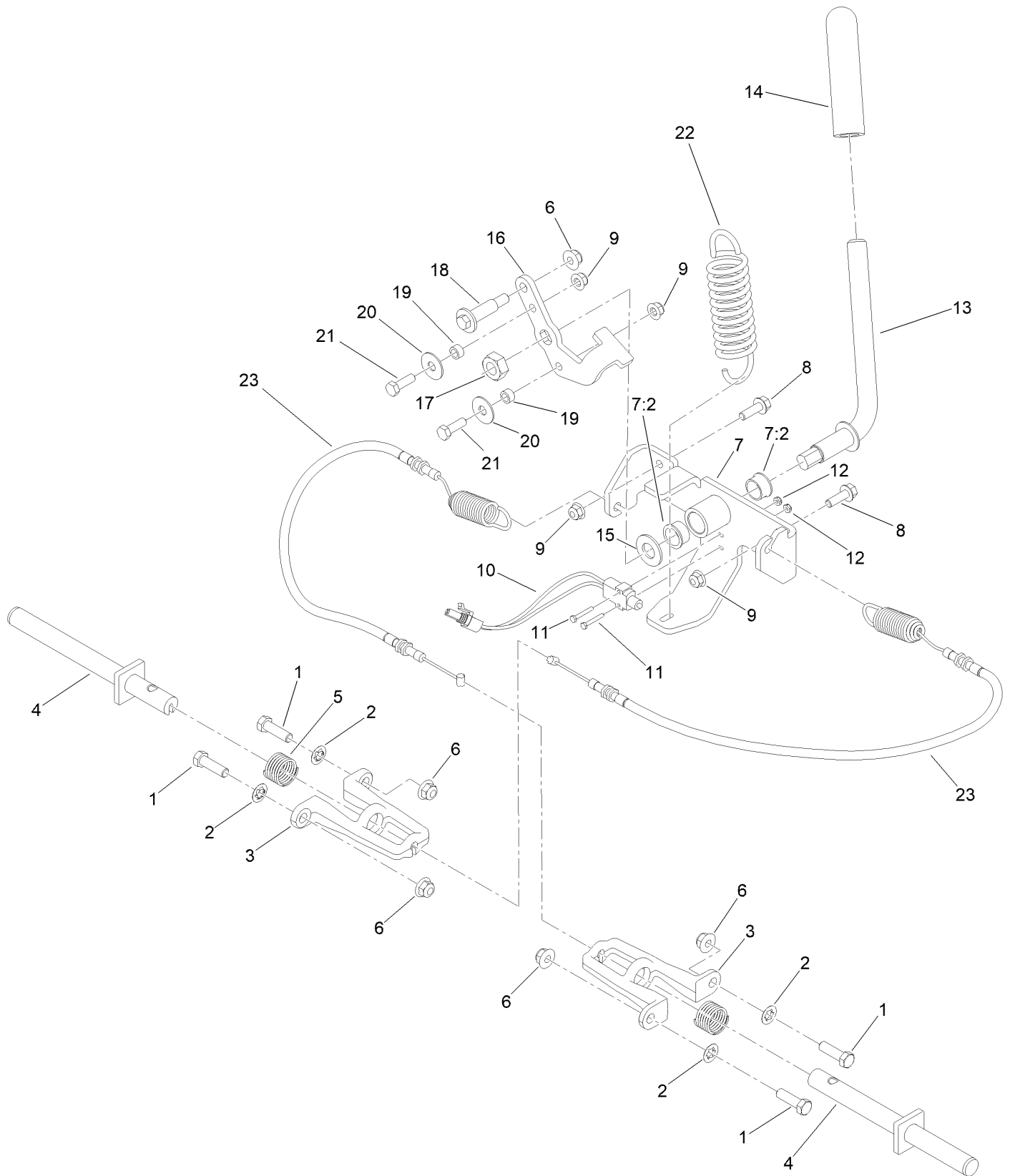
Hydraulic Tank Assembly No. 145-4467



Hydraulic Tank Assembly No. 145-4467 (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	147-6712	1	Tank ASM-HYD	7:1	237-22	2	O-Ring
2	61-2790	1	Filter-Screen	7:2	237-42	1	O-Ring
4	117-0193	1	Cap-Hydraulic, Vented Breather	8	23-8910	1	Stem-Barb-90
4:1	237-101	1	O-Ring	8:1	237-146	1	O-Ring
5	114-3075	1	Sight Glass ASM	10	110-8829	1	Sender-Temperature
5:1	237-79	1	O-Ring	10:1	237-42	1	O-Ring
6	353-987	1	Fitting-Elbow, 90	11	145-0622	1	Strainer Fitting ASM
6:1	237-81	1	O-Ring	11:1	237-101	1	O-Ring
7	340-86	1	Fitting-Tee	12	353-508	1	Plug-HH
				12:1	237-42	1	O-Ring

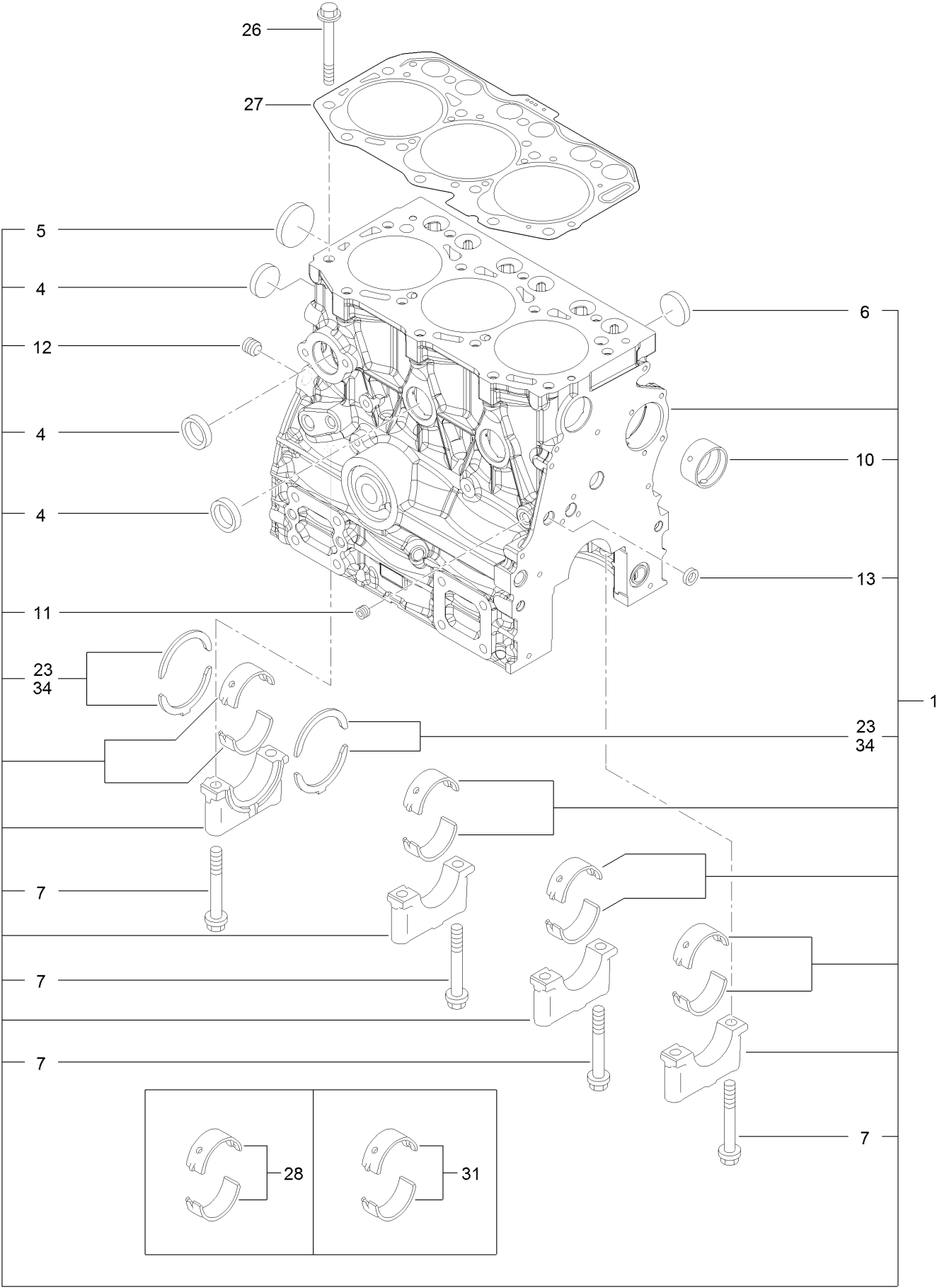
Parking Brake Assembly



Parking 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	323-7	4	Screw-HH	12	3296-9	2	Nut-Hex
2	107-3154	4	Nut-Push	13	133-0232	1	Lever-Brake
3	138-0207-03	2	Mount-Pin [black]	14	110-1037	1	Grip-Handle
4	145-3170	2	Brake Rod ASM	15	3256-27	1	Washer-Flat
5	125-0344	2	Spring-Compression	16	138-0205-0P	1	Plate-Brake Linkage
6	104-8301	5	Nut-HF, NI	17	3296-33	1	Nut-Lock, NI
7	136-4798	1	Bracket-Brake	18	136-7198	1	Bolt-Shoulder
7:2	256-252	2	Bearing-Flange	19	85-9120	2	Spacer-Pivot, Tilt
8	3234-29	2	Screw-HHF	20	52-2860	2	Washer
9	104-8300	4	Nut-HF, NI	21	322-5	2	Screw-HH
10	95-8900	1	Switch	22	136-4787	1	Spring-EXT
11	32105-9	2	Screw-HH	23	136-4789	2	Cable-Brake

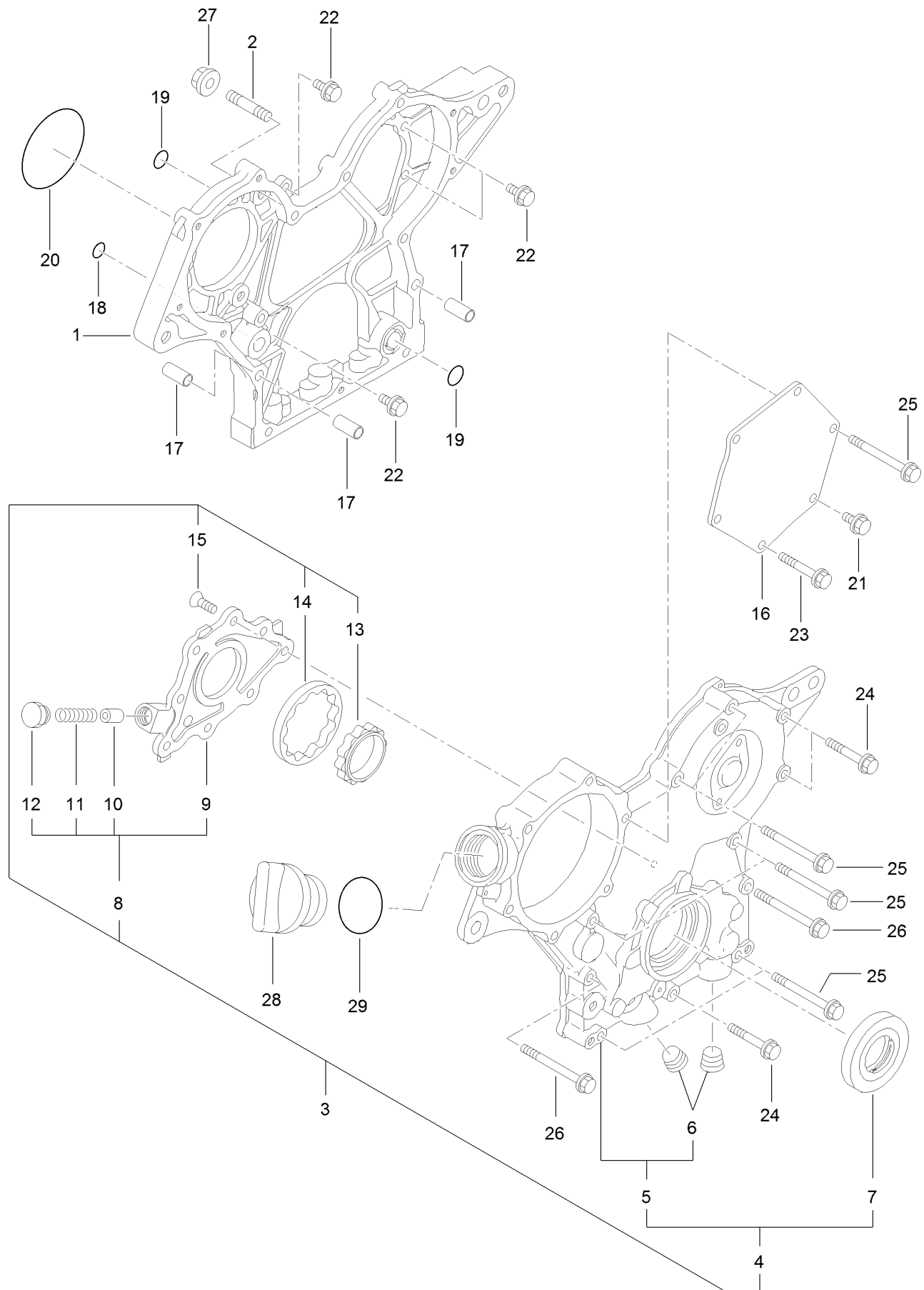
Cylinder Block Assembly



Cylinder Block 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	135-4030	1	Cylinder Block ASM	13	125-7237	1	Plug
4	135-4031	4	Plug-Cup	23	135-4036	2	Thrust Bearing ASM
5	135-4032	1	Plug-Dish	26	135-4037	14	Bolt-Head, Cylinder
6	135-4033	3	Plug-Cup	27	135-4038	1	Head Gasket Set
7	135-4034	8	Bolt-Cap	28	135-4039	4	Main Bearing ASM
10	135-4035	1	Bushing-Camshaft	31	135-4040	4	Main Bearing ASM
11	125-6969	1	Plug	34	135-4041	2	Bearing-Thrust
12	125-6973	1	Plug				

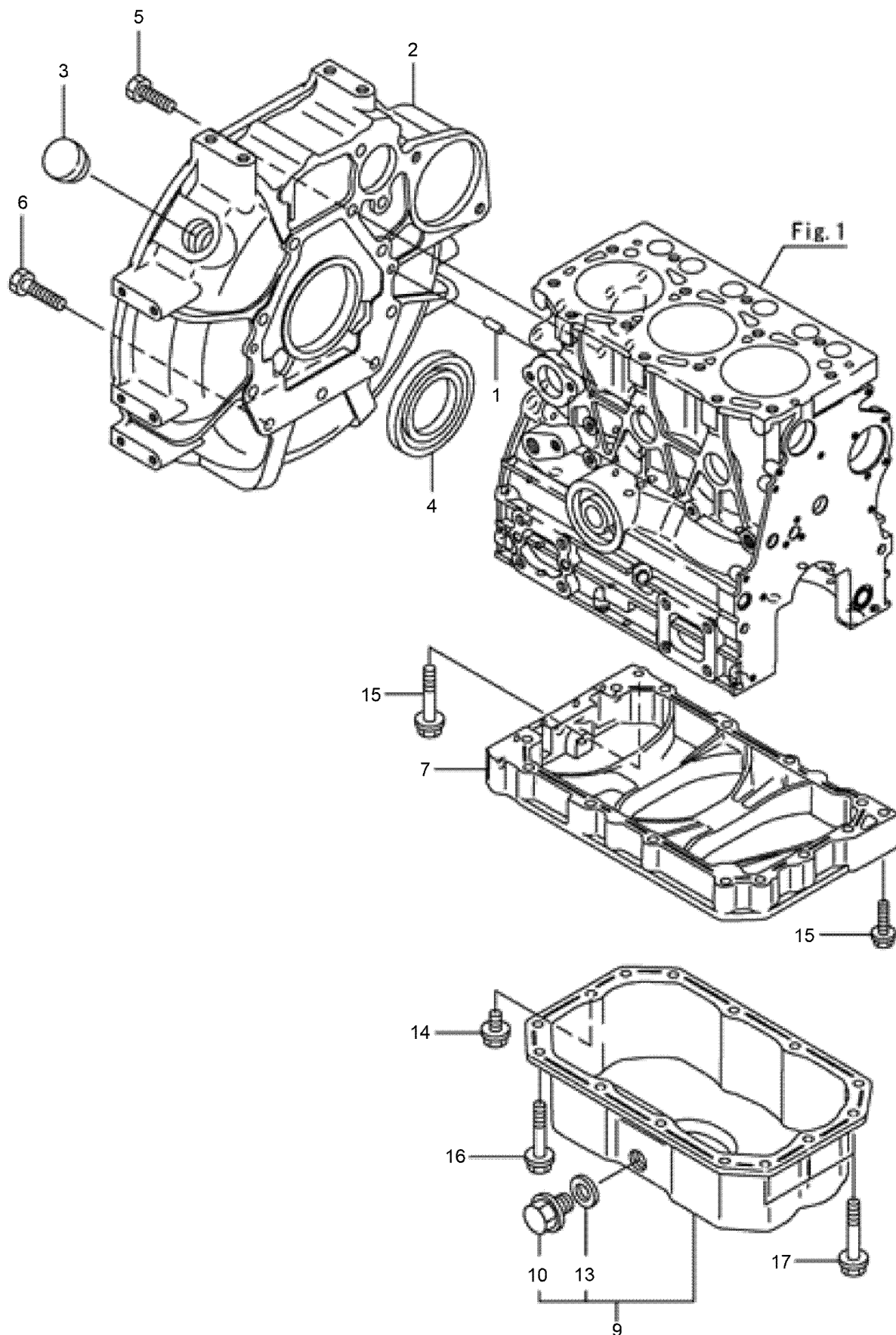
Gear Housing Assembly



Gear Housing 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	135-4042	1	Case-Gear	16	135-4056	1	Cover-Pump
2	135-4043	3	Bolt-Stud	17	135-4057	4	Dowel-Pipe
3	135-4044	1	Gear Case Cover ASM	18	127-2973	1	O-Ring
4	135-4045	1	Gear Case Cover ASM	19	135-4058	3	O-Ring
5	135-4046	1	Cover-Case, Gear	20	125-6957	1	O-Ring
6	133-6798	2	Plug	21	125-7206	1	Bolt
7	135-4047	1	Seal-Oil	22	125-7208	4	Bolt
8	135-4048	1	Cover ASM	23	125-7211	4	Bolt
9	135-4049	1	Cover-Pump	24	125-7211	3	Bolt
10	135-4050	1	Valve-Relief	25	135-4059	7	Bolt
11	135-4051	1	Spring	26	136-8257	2	Bolt
12	135-4052	1	Plug	27	125-7229	3	Nut
13	135-4053	1	Rotor-Inner	28	125-6972	1	Cover-Filler
14	135-4054	1	Rotor-Outer	29	125-7197	1	O-Ring
15	135-4055	8	Screw				

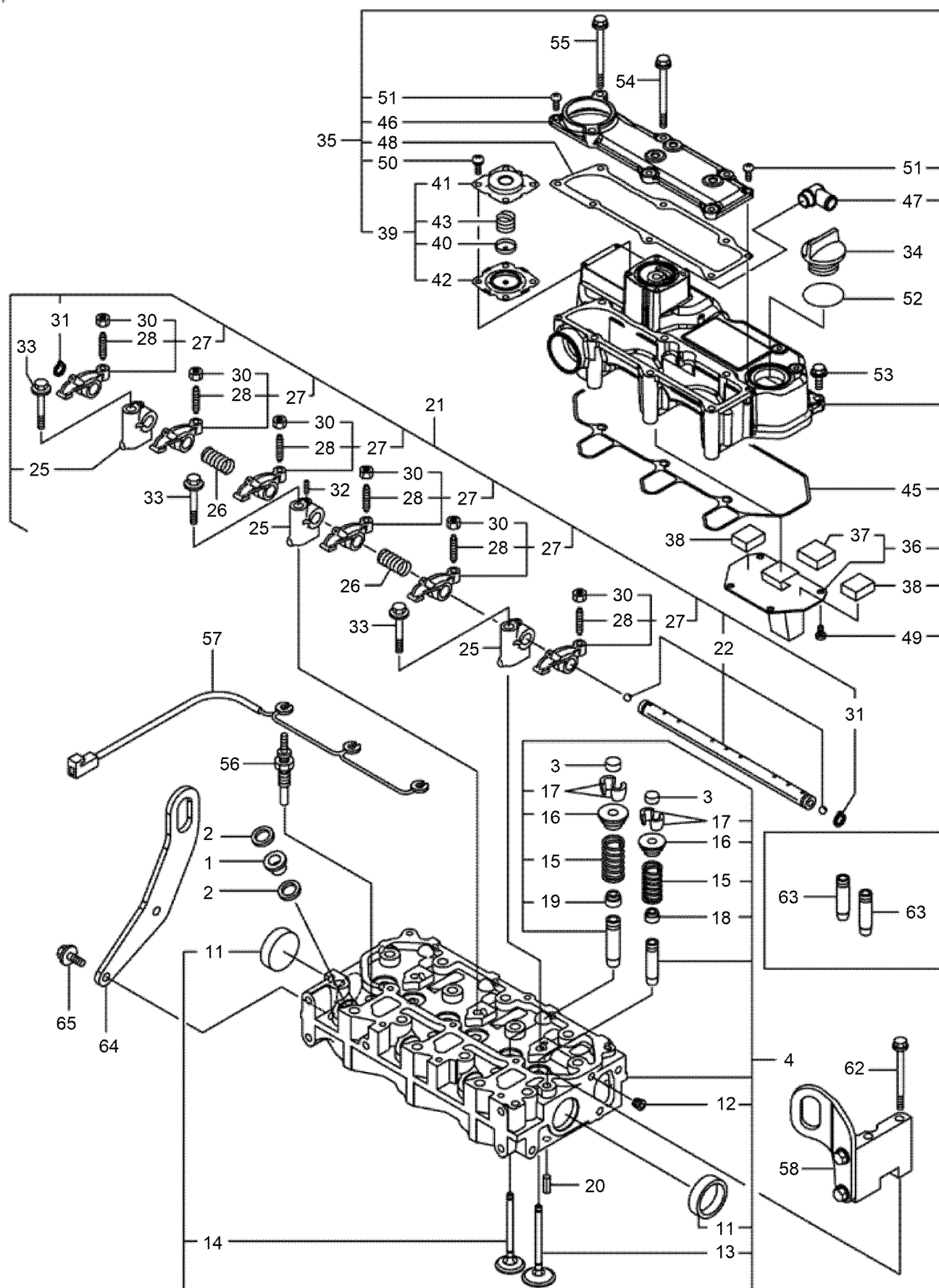
Fywheel Housing and Oil Sump Assembly



Flywheel Housing and Oil Sump 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	125-6995	2	Pin	9	134-1398	1	Oil Pan ASM
2	134-1397	1	Housing-Flywheel	10	135-4068	1	Plug
3	125-6910	1	Cap	13	136-8236	1	Washer-Seal
4	135-4064	1	Seal-Oil	14	125-7212	1	Bolt
5	125-7226	8	Bolt	15	125-7216	1	Bolt
6	125-7227	3	Bolt	16	125-7219	11	Bolt
7	135-4066	1	Spacer-Pan, Oil	17	125-7220	3	Bolt

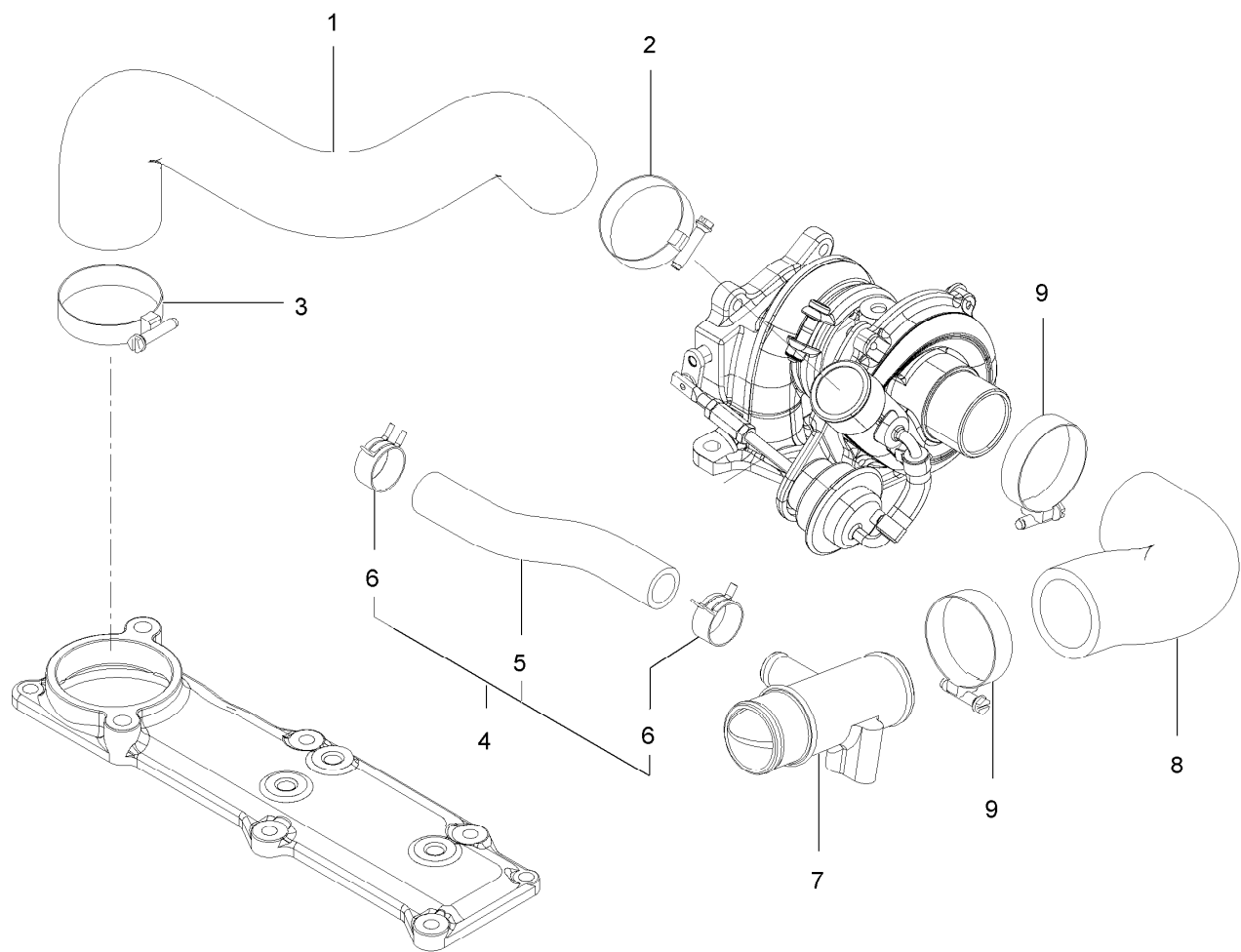
Cylinder Head and Bonnet Assembly



Cylinder Head and Bonnet 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	135-4069	3	Protector-Nozzle	37	135-4086	1	Baffle-Breather
2	135-4070	6	Gasket-Nozzle	38	135-4086	2	Baffle-Breather
3	135-4071	6	Cap-Valve	39	135-4088	1	Diaphragm ASM
4	135-4072	1	Head ASM-Cylinder	40	135-4089	1	Plate-Diaphragm
11	135-4073	2	Plug-Cup	41	135-4090	1	Cover-Diaphragm
12	133-6797	1	Plug	42	135-4091	1	Diaphragm
13	135-4074	3	Valve-Suction	43	135-4092	1	Spring-Diaphragm
14	135-4075	3	Valve-Exhaust	45	135-4093	1	Gasket-Cover, Cylinder Head
15	135-4076	6	Spring-Valve	46	135-4094	1	Cover ASM-Bonnet
16	125-7054	6	Retainer	47	133-6603	1	Elbow
17	125-6914	12	Cotter	48	135-4095	1	Gasket
18	125-6915	3	Seal-Stem, Valve	49	125-7186	4	Screw
19	125-6916	3	Seal-Stem, Valve	50	125-7186	4	Screw
20	125-7184	2	Pin-Spring	51	127-3168	2	Screw
21	135-4077	1	Rocker Support ASM	52	125-7197	1	O-Ring
22	135-4078	1	Rocker Shaft ASM	53	125-7209	3	Bolt
25	135-4079	3	Support-Arm, Rocker	54	135-4096	4	Bolt
26	135-4080	2	Spring-Rocker	55	163-1100	2	Bolt, M6X 85 Plated
27	135-4081	6	Rocker Arm ASM	56	163-1101	3	Plug, Glow 12V
28	125-7013	6	Screw-Adjust, Valve	57	134-1443	1	Connector-Plug, Glow
30	125-7014	6	Nut	58	135-4292	1	Lifter ASM
31	135-7082	2	Ring	62	127-3178	2	Bolt
32	145-7836	1	Screw	63	125-6917	6	Guide
33	125-7218	3	Bolt	64	135-4097	1	Lifter-Engine
34	125-6972	1	Cover-Filler	65	125-7214	2	Bolt
35	135-4084	1	Bonnet ASM				
36	135-4085	1	Plate-Baffle				

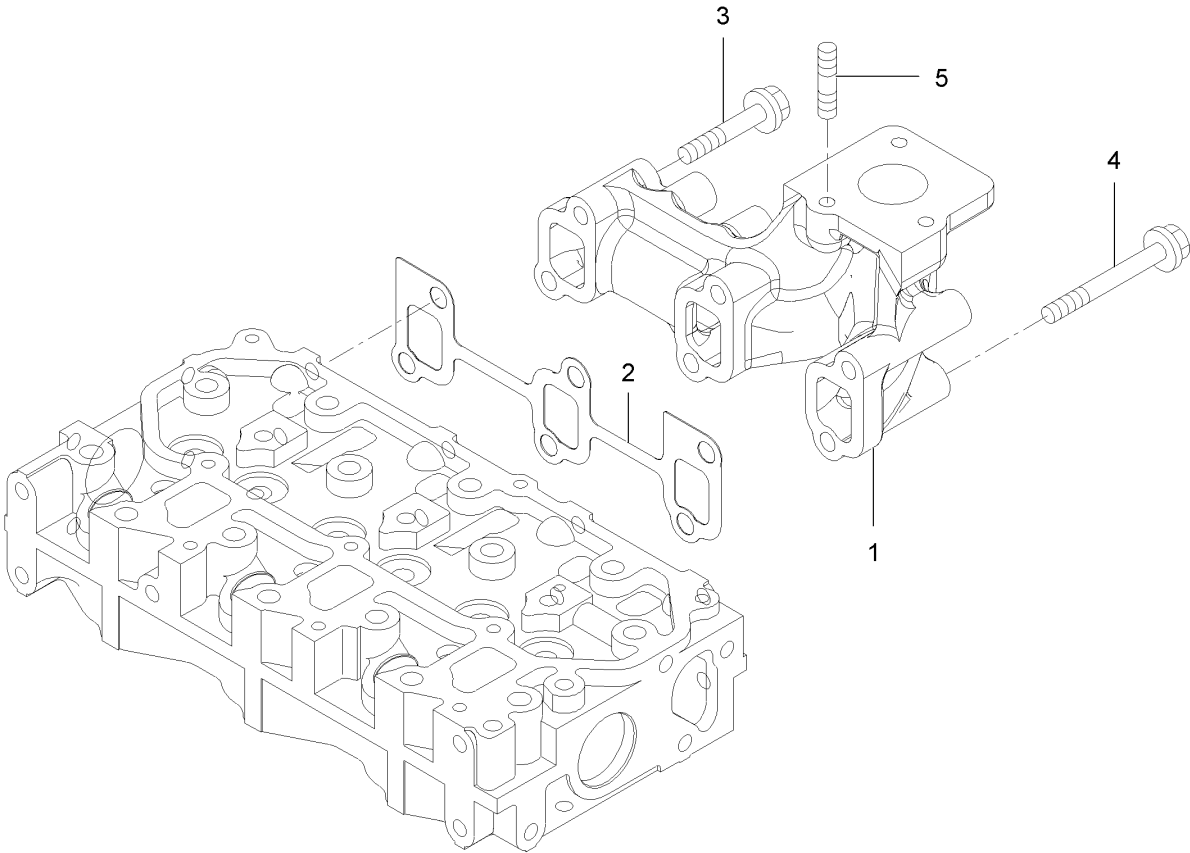
Suction Manifold Assembly



Suction Manifold 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	135-4101	1	Hose-Air Intake	6	125-7040	2	Clip-Hose
2	125-7189	1	Clamp-Hose	7	135-4104	1	Joint-Breather
3	127-3170	1	Clamp-Hose	8	135-4105	1	Hose-Intake, Air
4	135-4102	1	Hose ASM-Breather	9	127-3170	2	Clamp-Hose
5	135-4103	1	Hose-Breather				

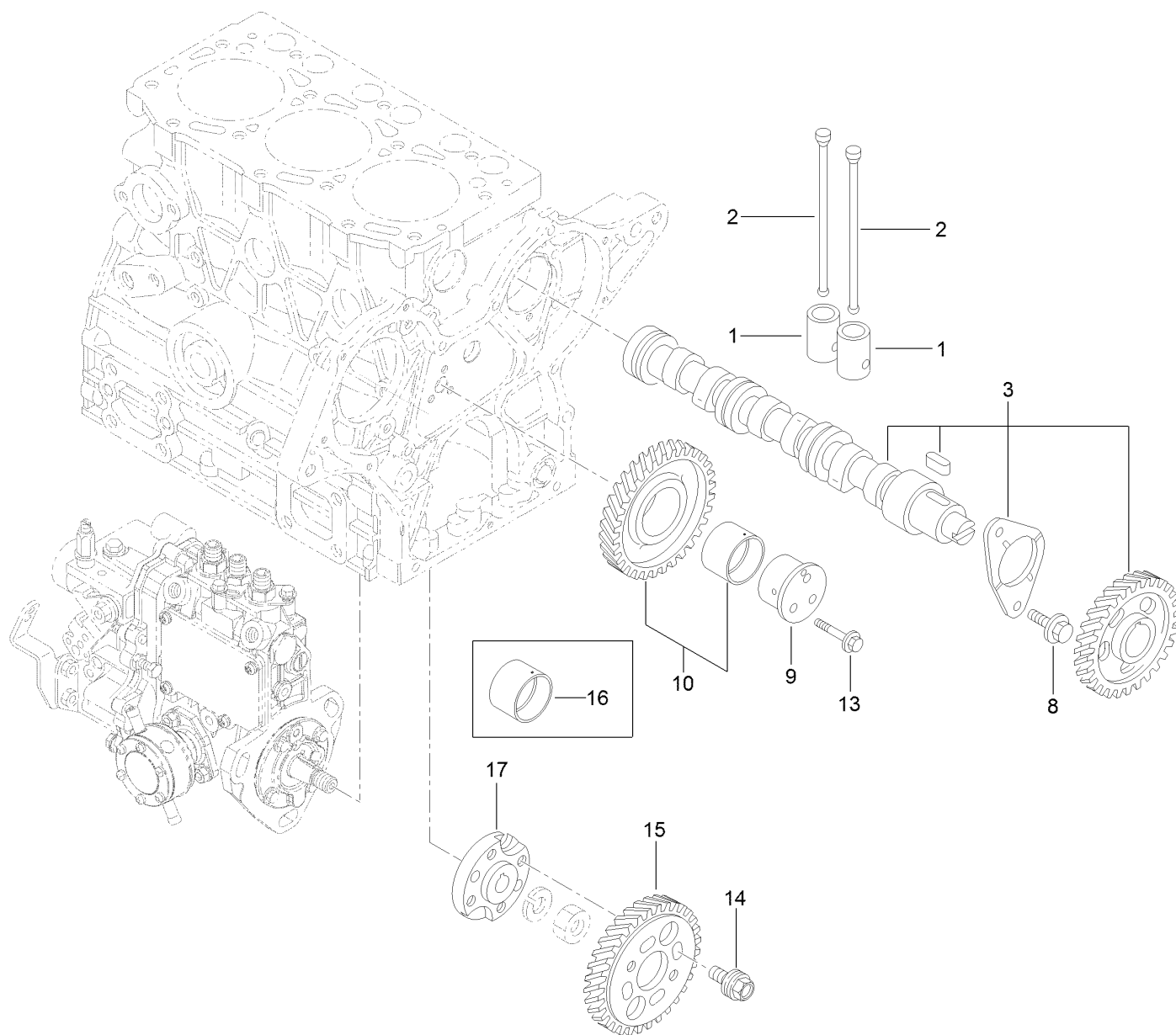
Exhaust Manifold Assembly



Exhaust Manifold 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	135-4106	1	Manifold-Exhaust	4	133-6606	3	Bolt
2	135-4107	1	Gasket-Manifold, Exhaust	5	125-7043	3	Stud
3	133-6714	3	Bolt				

Camshaft and Driving Gear Assembly

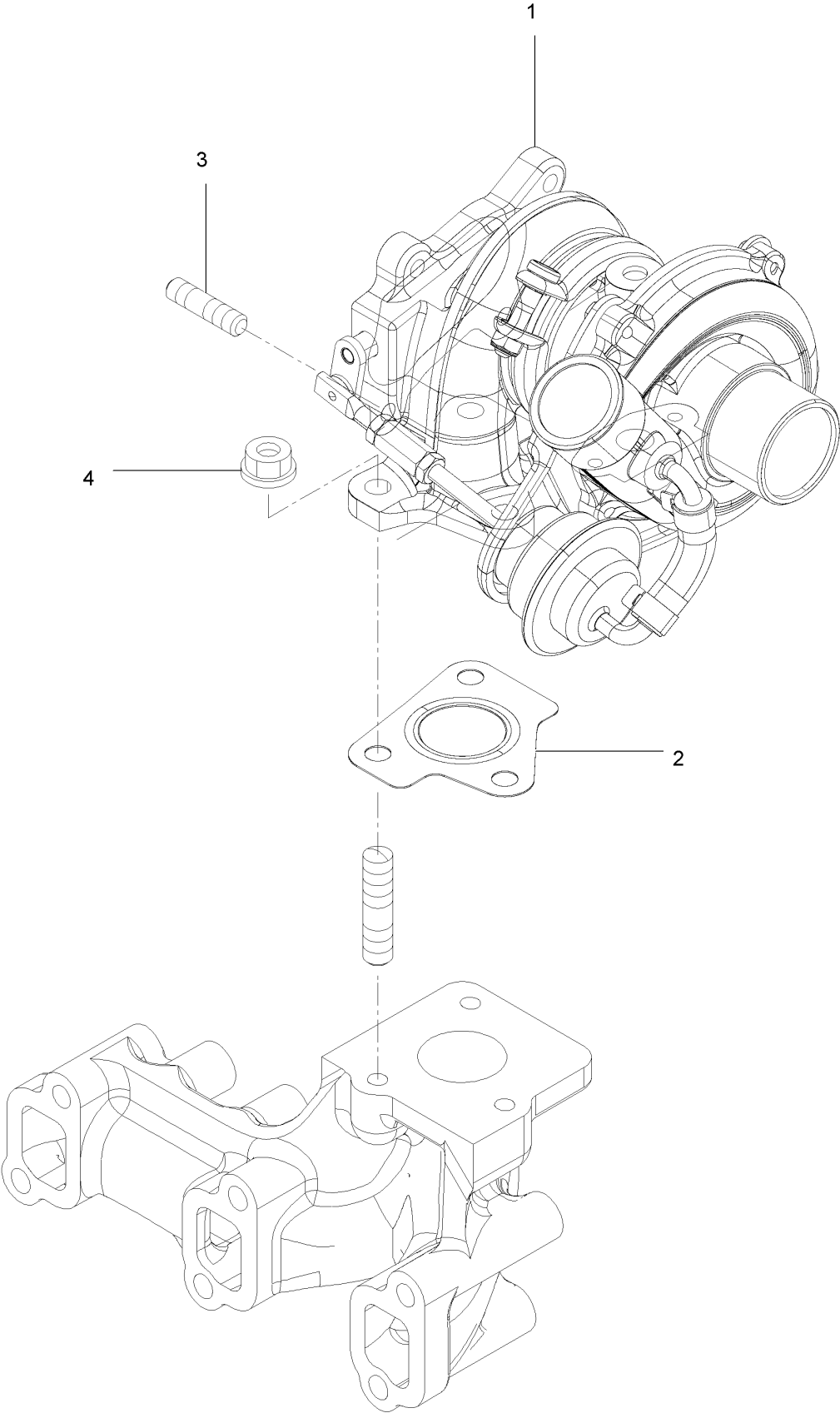


Camshaft and Driving Gear Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	135-4108	6	Tappet
2	135-4109	6	Push-Rod
3	135-4110	1	Camshaft ASM
8	125-7206	2	Bolt
9	135-4145	1	Shaft-Idle
10	135-4146	1	Idle Gear ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
13	135-4147	3	Bolt
14	125-7020	4	Bolt
15	135-4148	1	Gear-Pump
16	135-4149	1	Bushing-Gear, Idle
17	135-4150	1	Flange

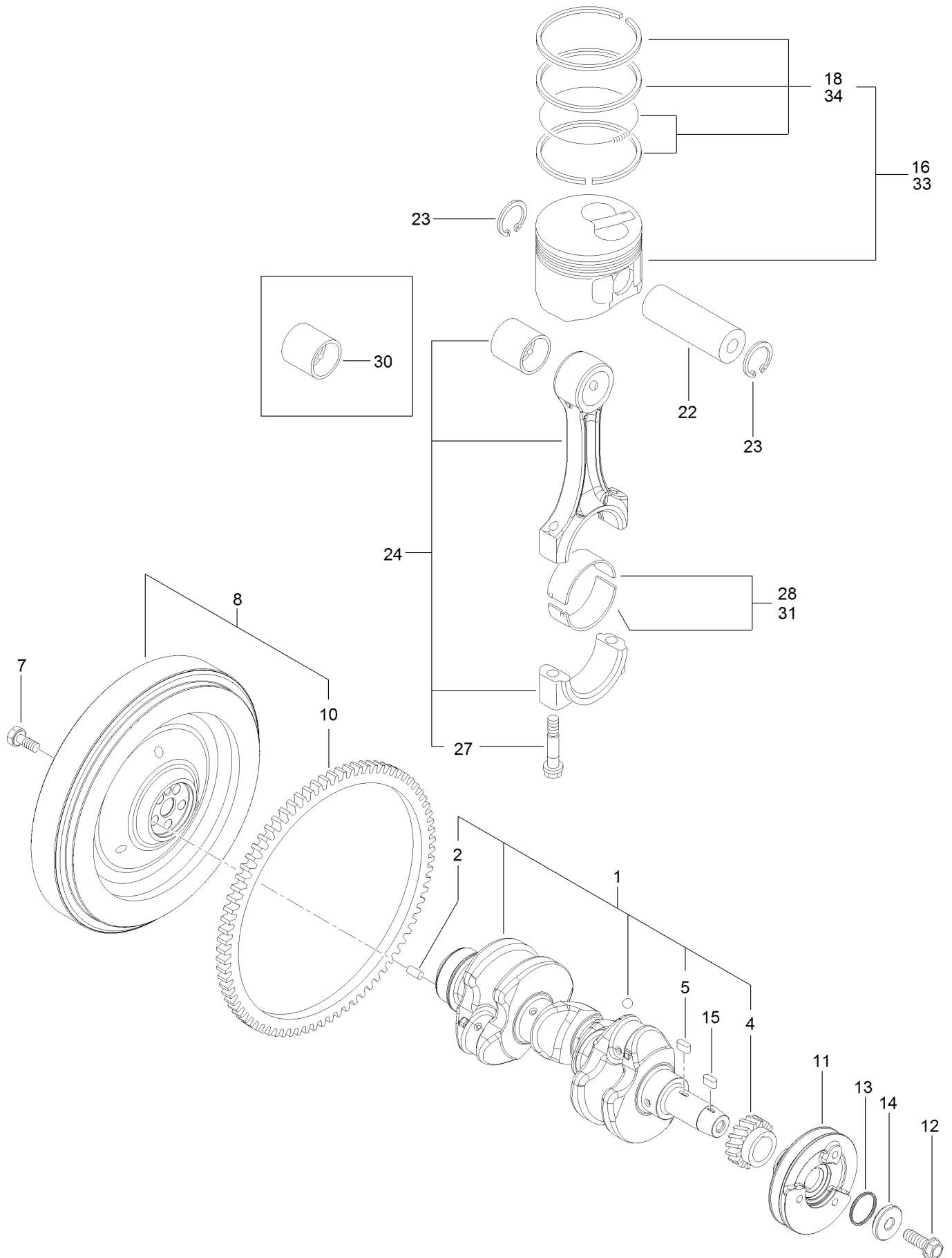
Turbine Assembly



Turbine 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	135-4151	1	Turbocharger	3	125-6906	4	Stud
2	127-3799	1	Gasket-In, T C	4	125-7229	3	Nut

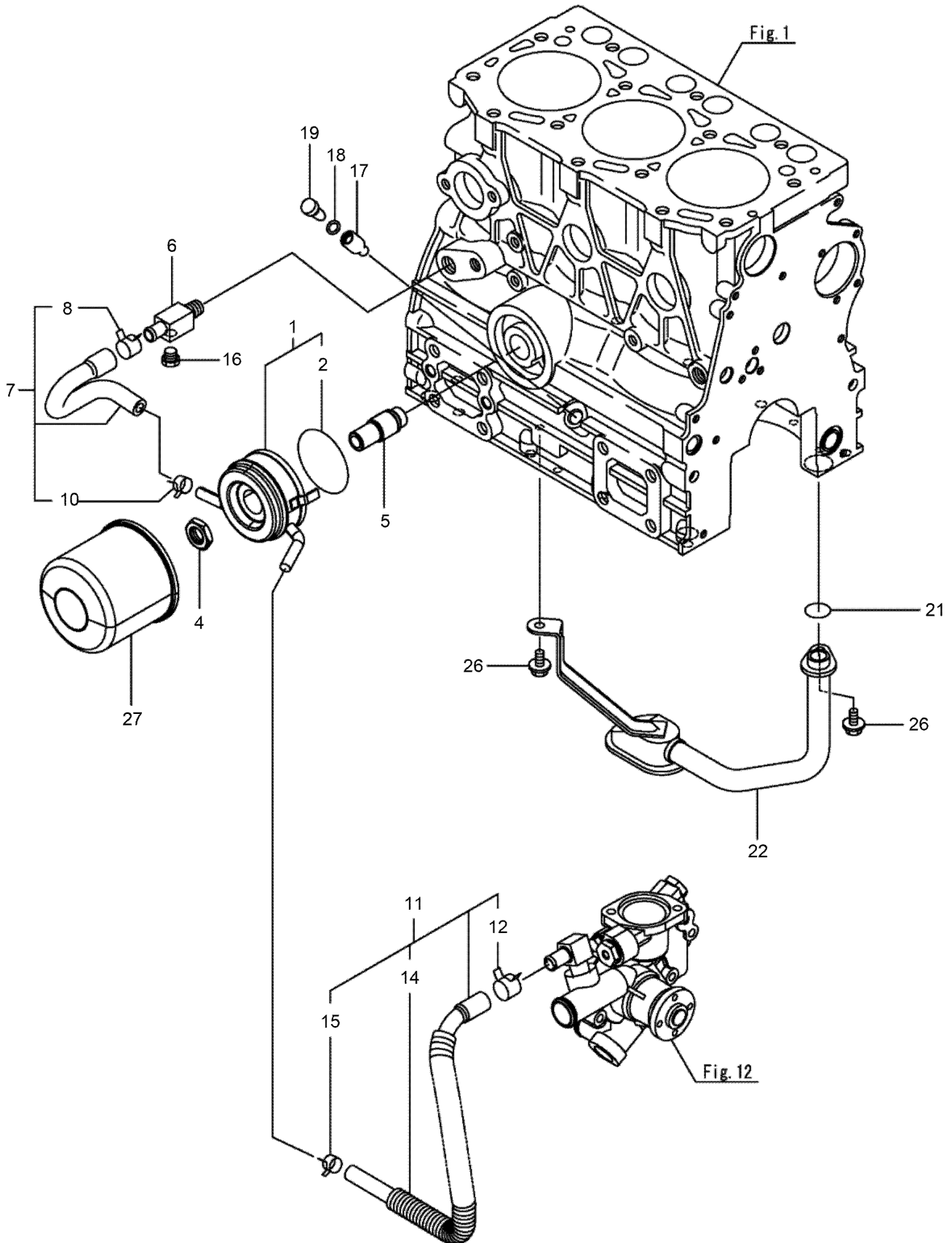
Crankshaft and Piston Assembly



Crankshaft and Piston 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	135-4152	1	Crankshaft ASM	16	135-4163	3	Piston ASM
2	125-6995	1	Pin	18	135-4164	3	Ring ASM
4	135-4153	1	Gear-Crankshaft	22	135-4165	3	Pin-Piston
5	135-4154	1	Key	23	135-4166	6	Ring
7	125-6951	5	Bolt	24	134-4005	3	Connecting Rod ASM
8	140-7164	1	Flywheel ASM	27	135-4168	6	Bolt-Rod, Connecting
10	125-6943	1	Gear	28	135-4169	3	Bearing-Pin, Crank
11	135-4158	1	V-Pulley, Crankshaft	30	134-4006	3	Bushing-Pin, Piston
12	135-4159	1	Bolt-Flange	31	135-4171	3	Bearing-Pin (0.25)
13	134-4004	1	Packing-Washer	33	134-4007	3	Piston ASM (0.25 Os)
14	135-4161	1	Washer	34	135-4173	3	Ring ASM
15	135-4154	1	Key				

Lube Oil System Assembly

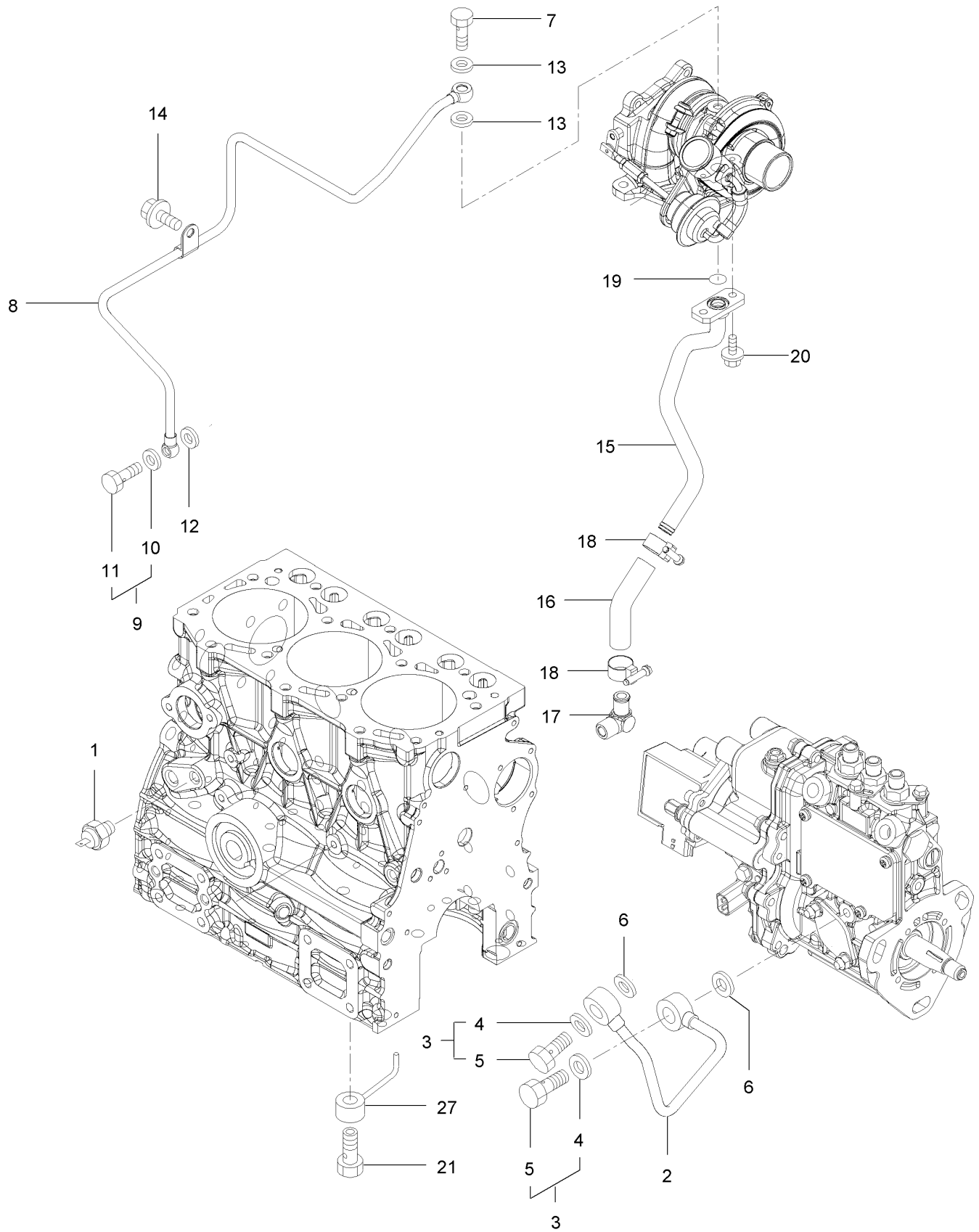


Lube Oil System Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	163-1102	1	Cooler Assy, Oil
2	135-4019	1	Packing-Oil Cooler
4	135-4020	1	Nut
5	163-1103	1	Stud, Lo Filter
6	125-6990	1	Joint
7	135-4176	1	Pipe ASM-Cooler In
8	125-7162	1	Clip
10	125-7191	1	Clamp-Hose
11	125-7079	1	Pipe ASM
12	125-7162	1	Clip

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
14	125-6946	1	Tube
15	125-7191	1	Clamp-Hose
16	125-7171	1	Plug-Drain
17	145-7837	1	Guide, Dipstick
18	145-7887	1	O-Ring, 4Dp10A
19	137-5132	1	Plug-Dipstick
21	135-4178	1	O-Ring
22	134-1414	1	Oil Inlet Pipe ASM
26	125-7205	2	Bolt
27	135-4181	1	Filter-Oil, Engine

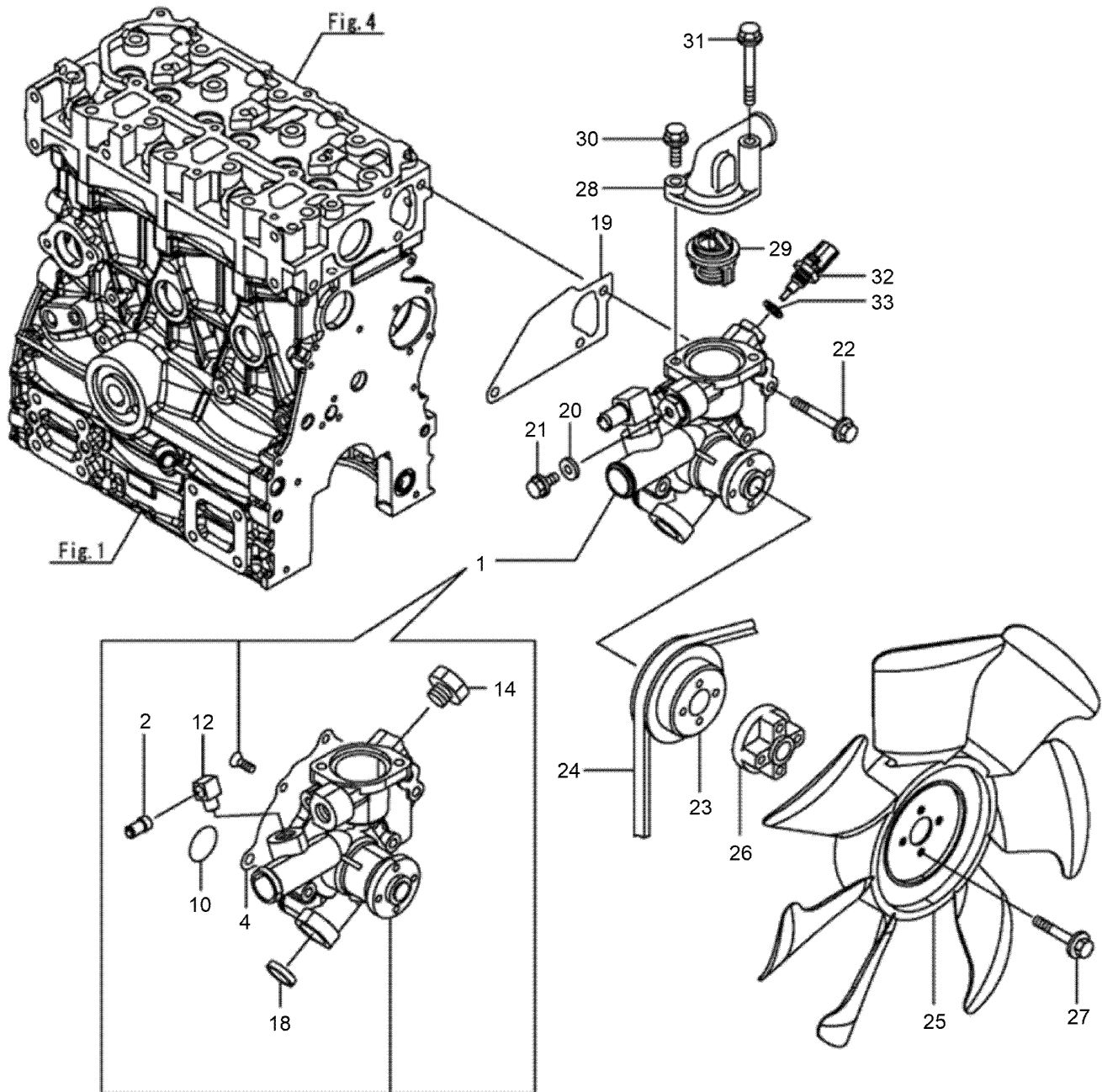
Oil Pump Assembly



Oil 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	125-6918	1	Switch-Oil	12	125-7174	1	Washer-Seal
2	135-4182	1	Pipe-Oil	13	125-7193	2	Gasket
3	125-6988	2	Joint Bolt ASM	14	125-7212	1	Bolt
4	125-7174	2	Washer-Seal	15	135-4184	1	Pipe-Lo Return
5	125-7194	2	Bolt-Joint	16	127-2992	1	Joint
6	125-7174	2	Washer-Seal	17	127-3003	1	Elbow
7	125-6952	1	Bolt-Joint, Pipe	18	127-3169	2	Clamp-Hose
8	135-4183	1	Pipe ASM-Lo	19	125-7198	1	O-Ring
9	125-6988	1	Joint Bolt ASM	20	125-7208	2	Bolt
10	125-7174	1	Washer-Seal	21	135-4185	3	Valve ASM-Check
11	125-7194	1	Bolt-Joint	27	135-4186	3	Nozzle ASM-Piston

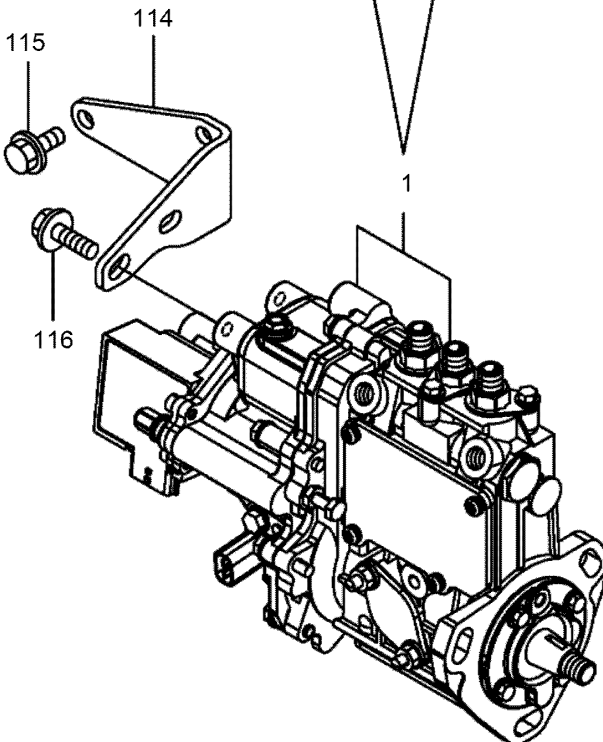
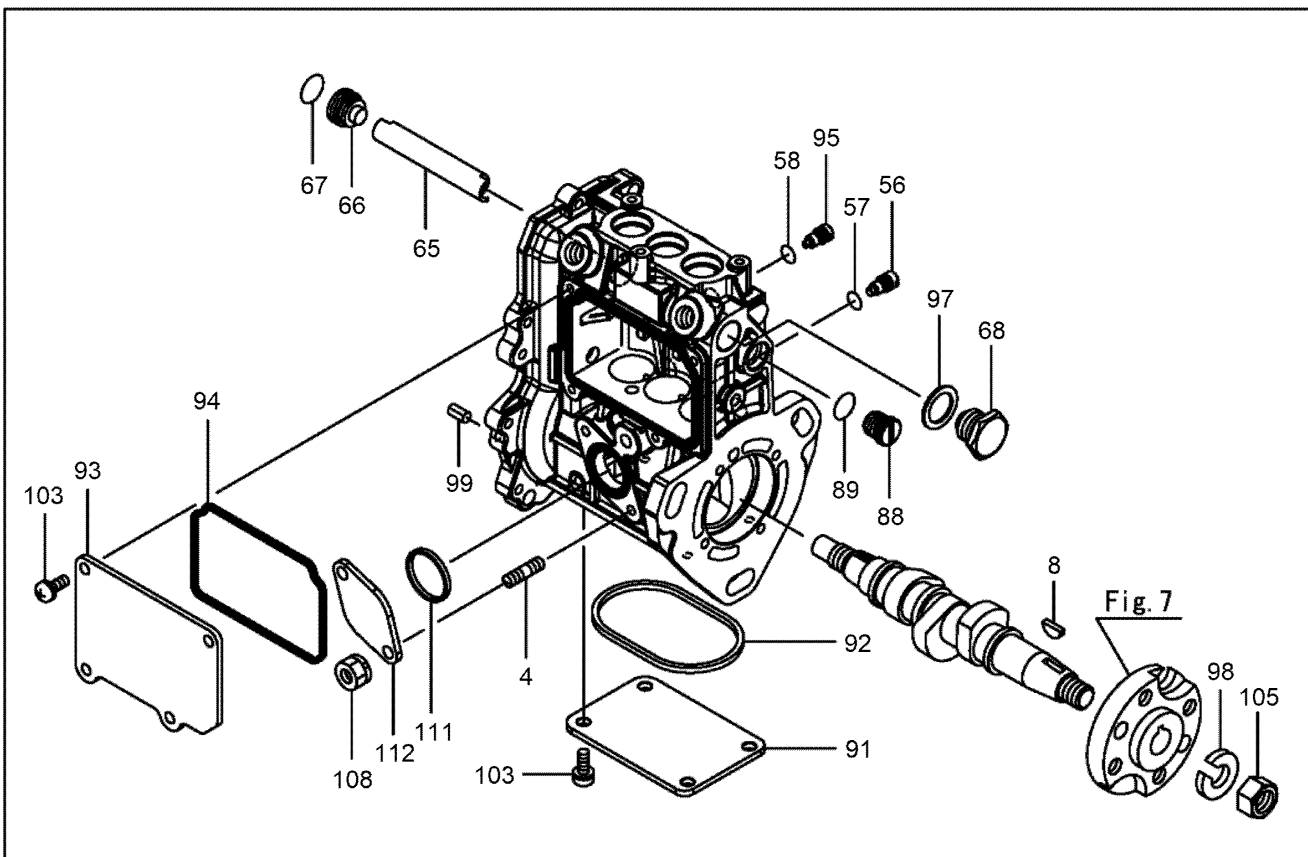
Cooling Water System Assembly



Cooling Water System 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	163-1104	1	Pump Assy, CW	23	134-1417	1	V-Pulley
2	135-4191	1	Joint-Pipe	24	163-1107	1	V-Belt, A36
4	135-4188	1	Gasket	25	135-4196	1	Fan-Cooling 1
10	135-4190	1	O-Ring	26	127-4768	1	Spacer
12	163-1105	1	Joint, Water Return	27	135-4147	4	Bolt
14	135-4203	1	Joint	28	135-4199	1	Cover-Thermostat
18	163-1106	1	Plug, 25	29	135-4200	1	Thermostat
19	135-4193	1	Gasket-Pump, Water	30	135-4201	1	Bolt
20	125-7192	1	Gasket	31	135-4202	1	Bolt
21	125-7212	1	Bolt	32	125-7124	1	Sensor-Thermostat, CW
22	125-7220	3	Bolt	33	125-7176	1	Washer-Seal

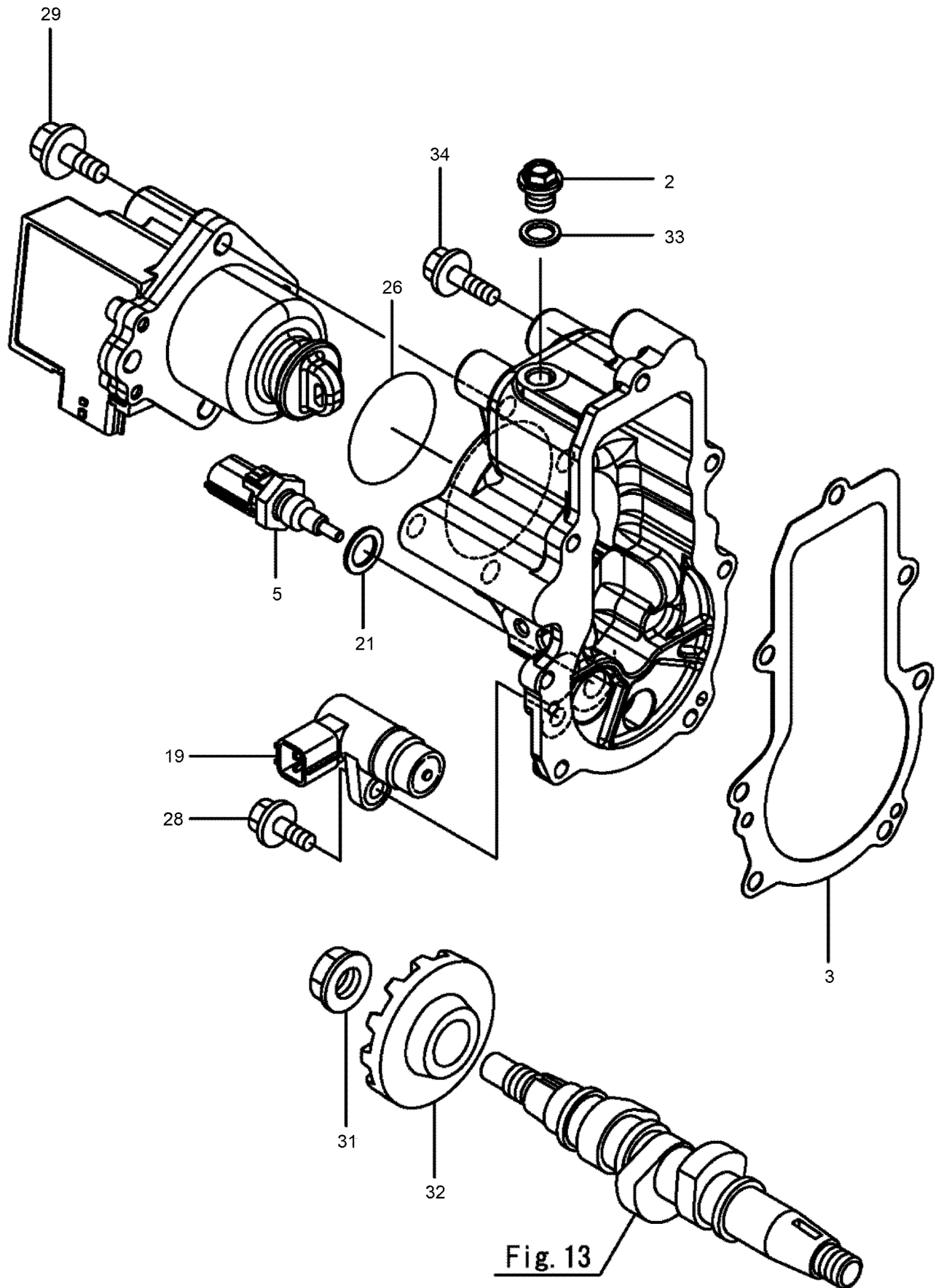
Fuel Injection Pump Assembly



Fuel Injection 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	163-1108	1	Fie Assy	93	135-4217	1	Cover
4	135-4205	2	Bolt-Stud	94	135-4218	1	Gasket
8	135-4206	1	Key-Feather, Woodruff	95	135-4219	1	Stopper-Rack
56	125-7156	3	Stopper	97	136-8236	1	Washer-Seal
57	135-4207	3	O-Ring	98	135-4220	1	Washer-Spring
58	135-4207	1	O-Ring	99	125-7183	2	Pin-Spring
65	135-4209	1	Deflector	103	135-4221	8	Screw
66	135-4210	1	Plug-Deflector	105	133-2506	1	Nut
67	135-4211	1	O-Ring	108	135-4222	2	Nut
68	135-4212	1	Plug-Deflector	111	135-4223	1	Gasket
88	135-4213	1	Plug-Rack	112	135-4224	1	Cover-Pump
89	135-4214	1	O-Ring	114	135-4225	1	Support
91	135-4215	1	Cover	115	125-7213	2	Bolt
92	135-4216	1	Gasket	116	125-7595	2	Bolt

Governor Assembly

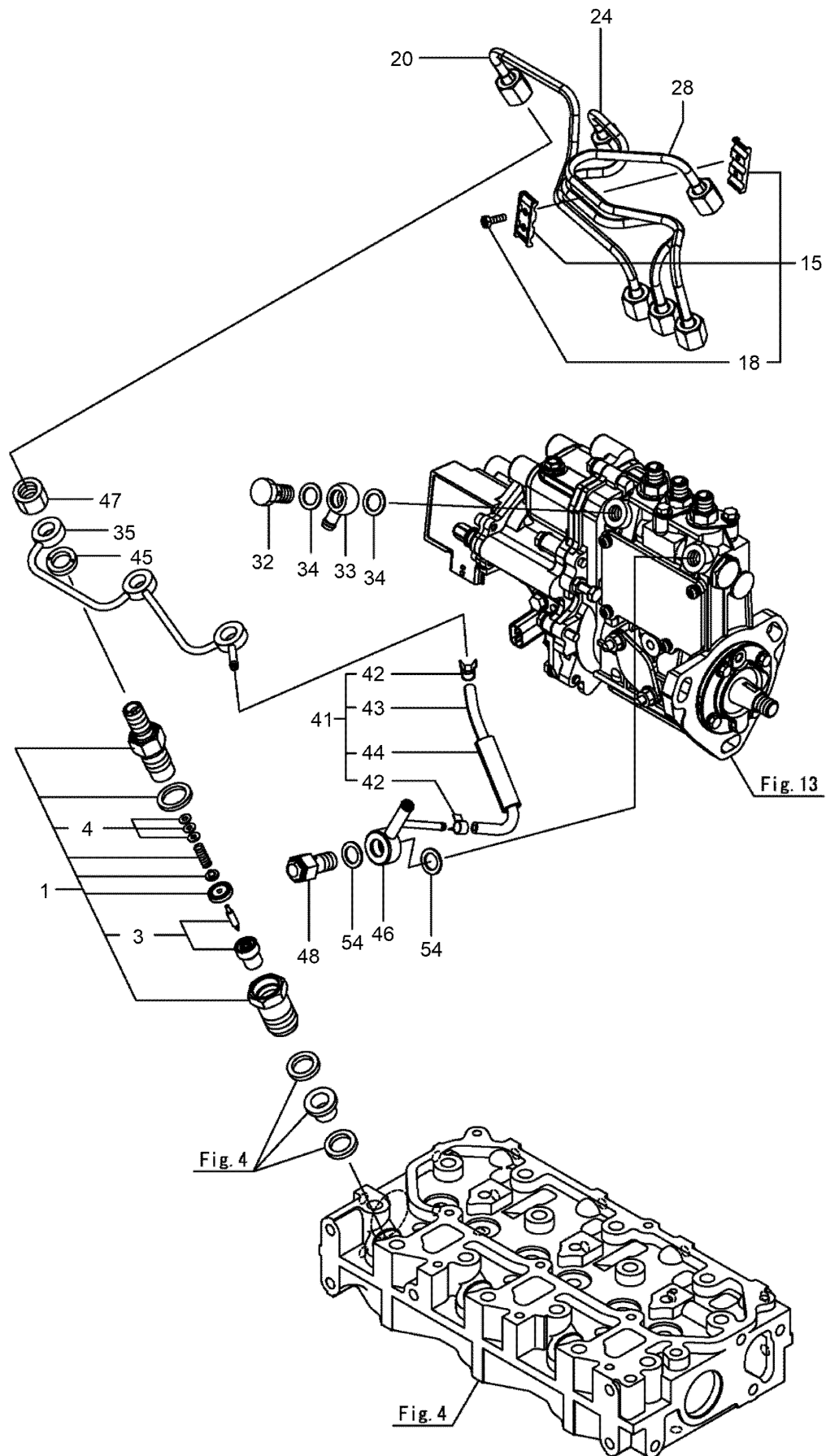


Governor Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	135-4226	1	Plug
3	135-4227	1	Gasket
5	135-4228	1	Sensor-Oil Temp
19	125-7152	1	Sensor
21	125-7176	1	Washer-Seal
26	125-7200	1	O-Ring

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
28	125-7208	1	Bolt
29	125-7594	4	Bolt
31	125-6993	1	Nut
32	163-1109	1	Gear
33	125-7175	1	Washer-Seal
34	125-7209	7	Bolt

Fuel Injection Valve Assembly

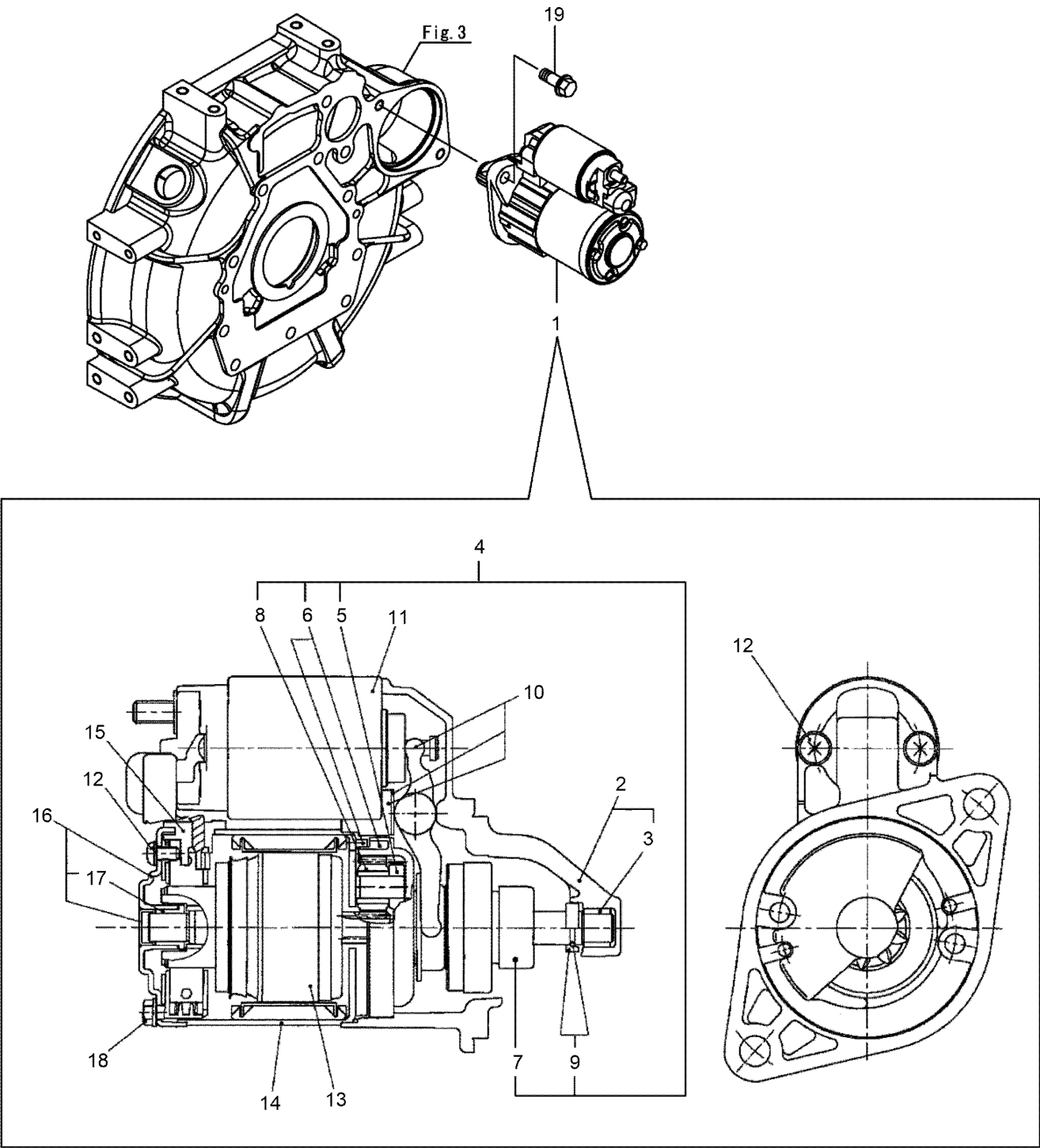


Fuel Injection Valve Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	135-4229	3	Nozzle ASM
3	135-4230	3	Nozzle ASM
4	135-4231	3	Adjusting Shim Set
15	134-1488	1	Retainer-Pipe
18	125-7027	2	Bolt
20	135-4233	1	Pipe ASM (Inj No1)
24	135-4234	1	Pipe ASM (Inj No2)
28	135-4235	1	Pipe ASM (Inj No3)
32	135-4242	1	Bolt-Joint, Pipe
33	135-4243	1	Joint-Pipe
34	125-7176	2	Washer-Seal

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
35	135-4236	1	Pipe ASM
41	145-3245	1	Pipe Assy, Fo Return
42	136-8225	2	Clamp-Hose
43	145-3246	1	Pipe, Fo Return
44	145-3247	1	Tube, Corrugated
45	135-4237	3	Gasket
46	135-4239	1	Joint-Over Flow
47	135-4240	3	Nut-Nozzle
48	135-4241	1	Check Valve ASM
54	125-7176	2	Washer-Seal

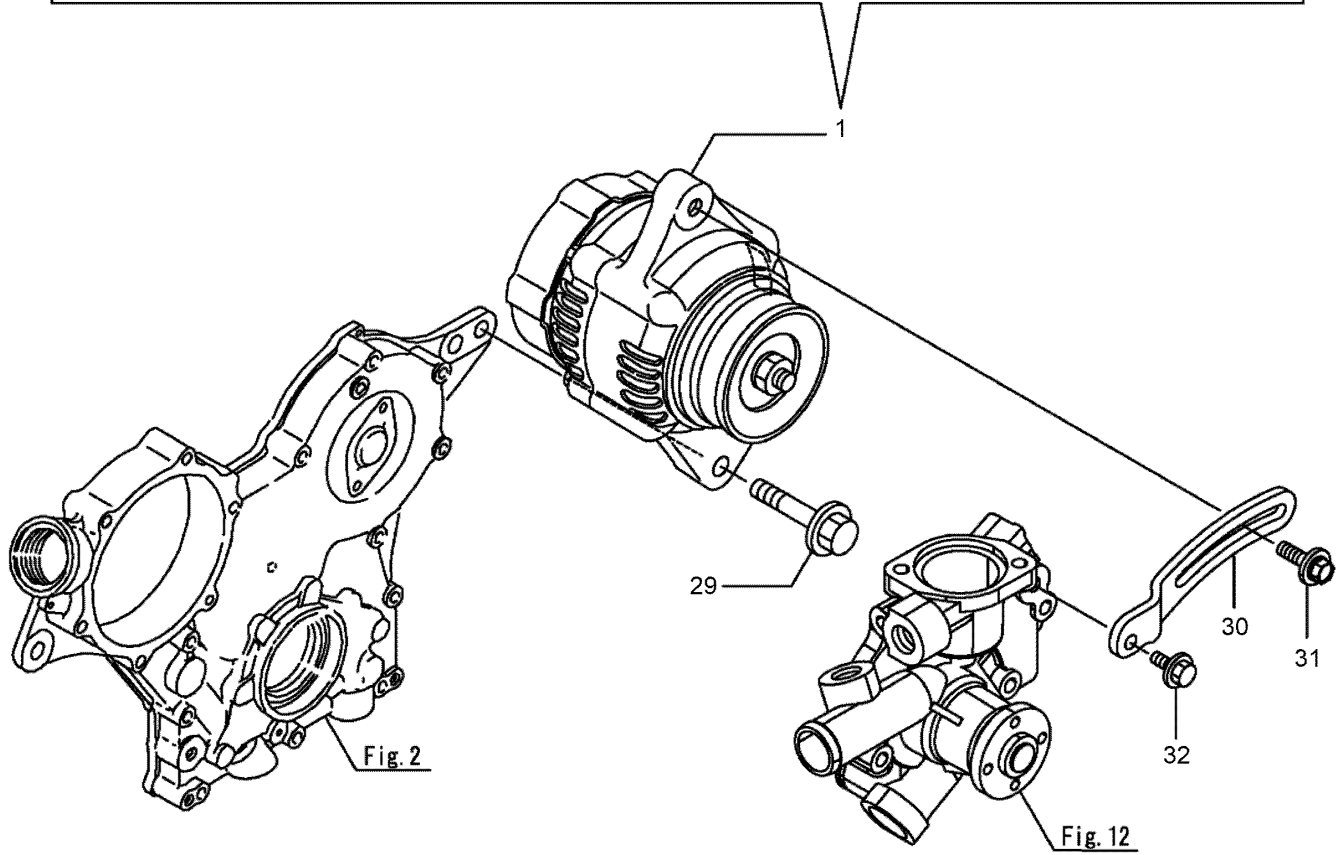
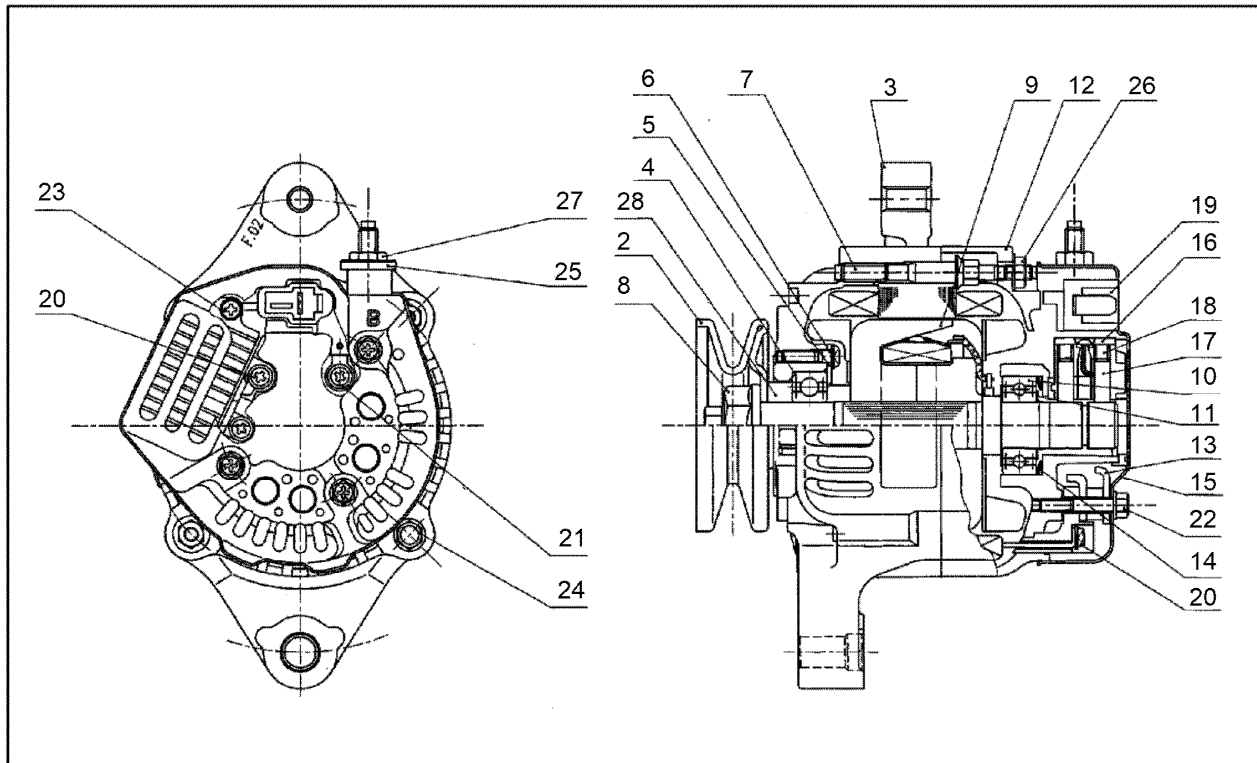
Starter Motor Assembly



Starter Motor 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	163-1110	1	Starter, 12V-1.1Kw	11	163-1120	1	Switch Assy
2	163-1111	1	Bracket Assy, Front	12	163-1121	1	Screw Set
3	163-1112	1	Metal, Fr	13	163-1122	1	Armature
4	163-1113	1	Shaft Assy, Clutch	14	163-1123	1	Yoke Assy
5	163-1114	1	Shaft Assy, Gear	15	163-1124	1	Brush Assy
6	163-1115	1	Gear Assy, Internal	16	163-1125	1	Cover Assy
7	163-1116	1	Clutch, Over Running	17	163-1126	1	Metal, Rr
8	163-1117	3	Gear Assy	18	163-1127	1	Bolt Set
9	163-1118	1	Stopper Set	19	133-2496	2	Bolt
10	163-1119	1	Lever				

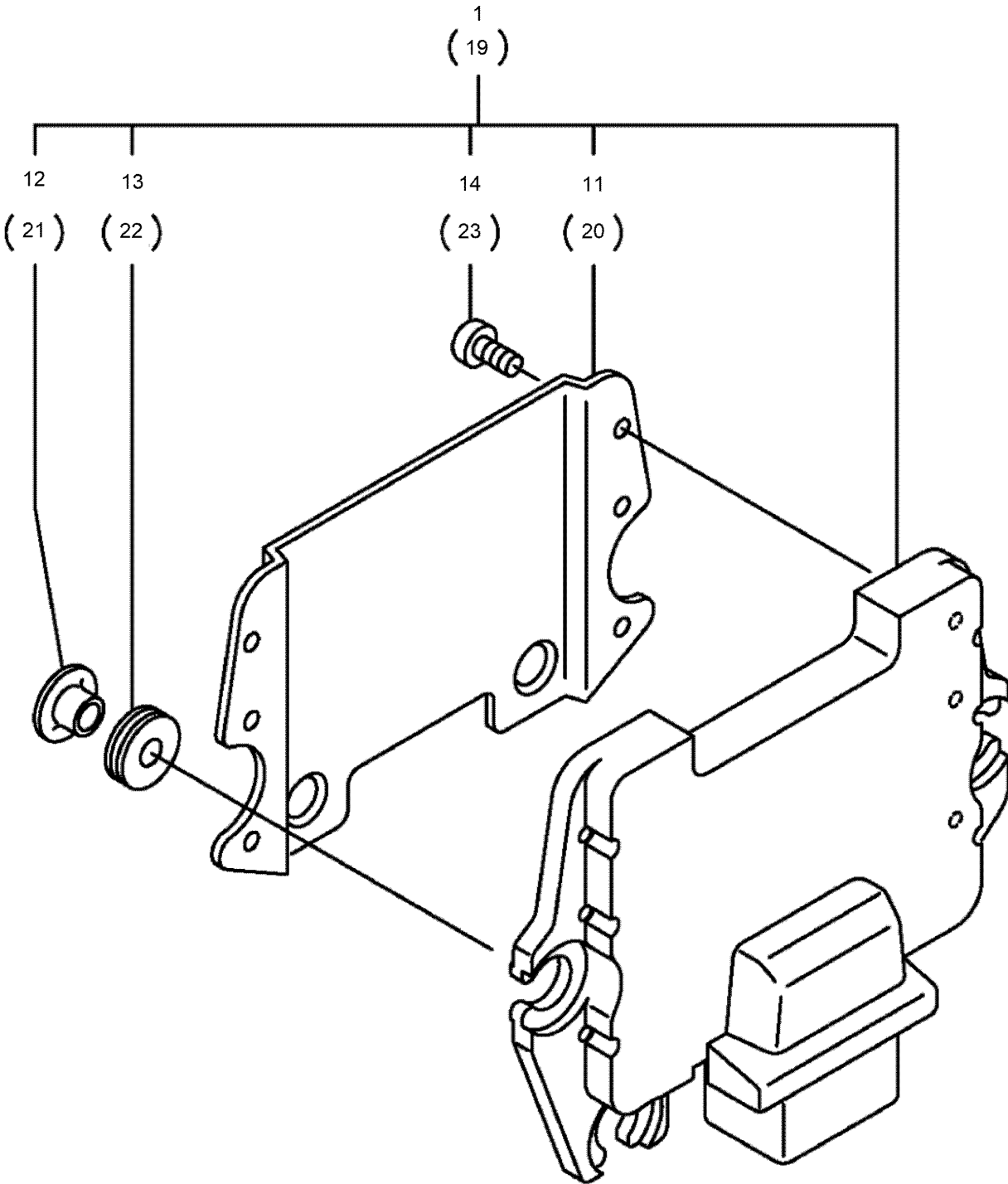
Generator Assembly



Generator 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	163-1128	1	Alternator, 12V-40A	17	163-1144	2	Brush Assy, Sub
2	163-1129	1	Pulley, Generator	18	163-1145	2	Spring, Coil
3	163-1130	1	Frame Assy, Drive	19	163-1146	1	Regulator Assy
4	163-1131	1	Bearing, Ball	20	163-1147	6	Screw
5	163-1132	1	Plate, Retainer	21	163-1148	1	Screw
6	163-1133	4	Screw	22	163-1149	3	Bolt
7	163-1134	2	Stud	23	163-1150	2	Screw, W/Washer
8	163-1135	1	Nut	24	163-1151	2	Bolt
9	163-1136	1	Rotor Assy	25	163-1152	1	Bush, Insulation
10	163-1137	1	Bearing, Ball	26	163-1153	2	Nut
11	163-1138	1	Cover, Bearing	27	163-1154	1	Nut
12	163-1139	1	Frame, End Rr	28	163-1155	1	Collar
13	163-1140	1	Holder Assy, Rectifi	29	135-4277	1	Bolt
14	163-1141	1	Washer	30	163-1156	1	Adjuster, Belt
15	163-1142	1	Cover, End Rr	31	137-5131	1	Bolt-Adjusting
16	163-1143	1	Holder Assy, Brush	32	125-7595	1	Bolt

Electronic Control Unit Assembly

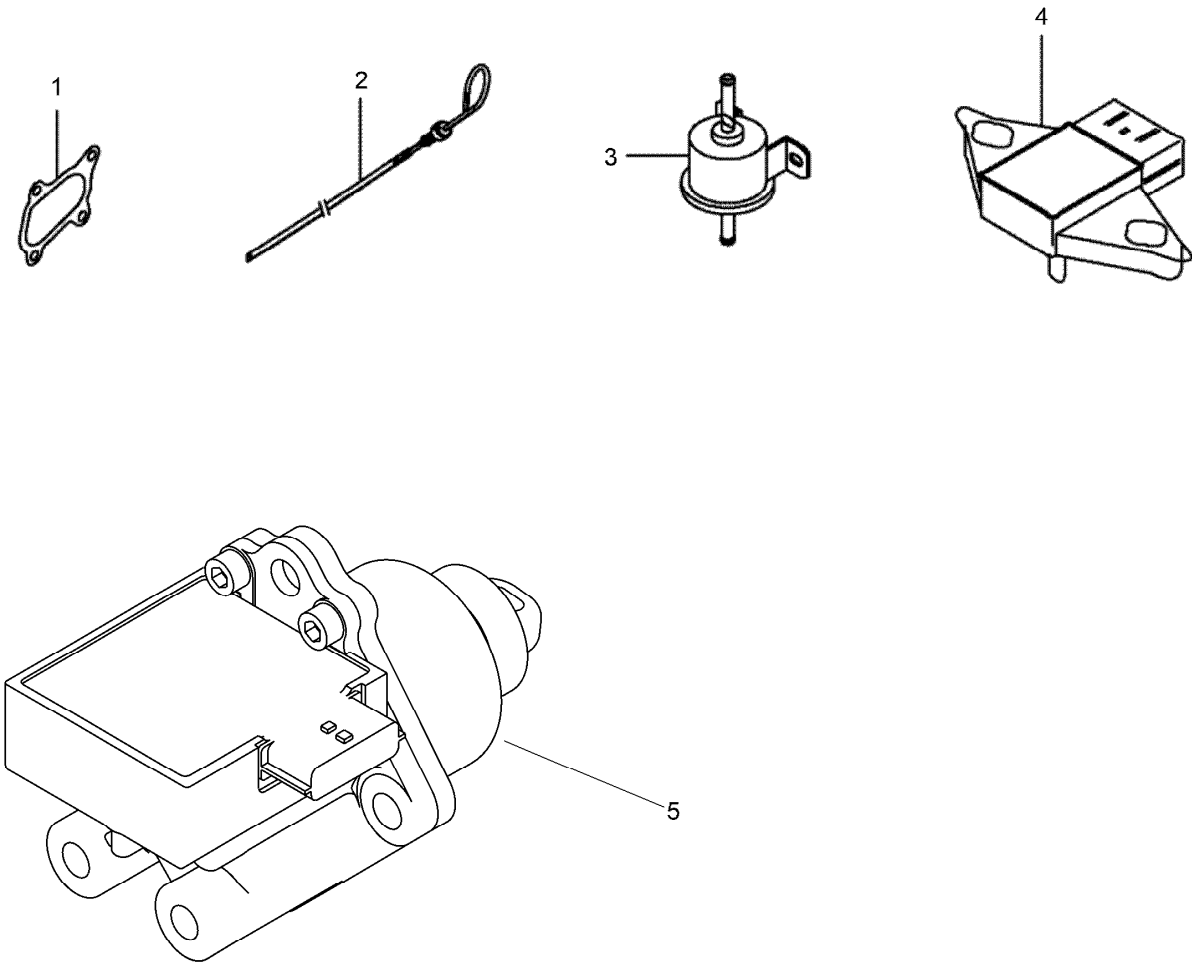


Electronic Control Unit Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	163-1157	1	Ecu Assy,380Ft-Zmtr2
11	125-7129	1	Shield
12	125-7130	3	Collar
13	125-6908	3	Absorber
14	125-7187	6	Screw

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
19	121-1591	1	Controller-Engine
20	125-7129	1	Shield
21	125-7130	3	Collar
22	125-6908	3	Absorber
23	125-7187	6	Screw

Accessories



Accessories (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	127-3779	1	Gasket-Out, T C	4	126-9261	1	Sensor-Atm
2	163-1158	1	Dipstick, Lub.Oil	5	163-4282	1	3Tnv80Ft-Zmtr2 - Rack
3	121-5613	1	Pump-Fuel, Electric				Actuator

Attachments and Accessories

For 22588HD TX 1000 Turbo Wide Track Compact Tool Carrier

Product Name	Model/Part
Premium Engine Oil 10w30 (55 Gallon Drum)	121-6392
Premium Engine Oil 10w30 (5 Gallon Pail)	121-6393
Premium Engine Oil 15w40 (55 Gallon Drum)	121-6394
Premium Engine Oil 15w40 (5 Gallon Pail)	121-6395
PX Hydraulic Fluid (5 Gal)	133-8086
PX Hydraulic Fluid (55 Gal).....	133-8087
PX Hydraulic Fluid-4 Pack (Gallon).....	138-9460
Kit-Filter, 250 Hour	147-6854
Kit-Filter, 1000 Hour.....	147-6855
Standard Bucket	22340
High Volume Bucket	22342
Loose Materials Bucket	22410
48in Hydraulic Blade	22414
Bore Drive Head	22420
Rod and Reamer	22421
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
Crumber Kit	22477
4-in-1 Bucket	22478
24in X 4in Soil Chain.....	22480
24in X 4in Combination Chain	22481
24in X 4in Rock Tooth Chain.....	22482
24in X 6in Soil Chain.....	22483
24in X 6in Combination Chain	22484
24in X 6in Rock Tooth Chain.....	22485
36in X 4in Soil Chain.....	22486
36in X 4in Combination Chain	22487
36in X 4in Rock Tooth Chain.....	22488
36in X 6in Rock Tooth Chain.....	22489
36in X 6in Soil Chain.....	22490
36in X 6in Combination Chain	22491
48in x 4in Soil Chain	22492
48in x 4in Combination Chain	22493
48in x 6in Soil Chain	22494
48in x 6in Combination Chain	22495
Narrow Bucket.....	22520
Grapple Rake	22577
Snow Thrower	22585
Adjustable Forks.....	22586
Grapple Bucket.....	22590

Attachments and Accessories (continued)

Multi-Purpose Tool	22672
Floor Scraper	22673
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
Hydraulic Breaker	23136
Leveler.....	23165
30in Standard Bucket	23174
30in Pallet Fork.....	23175
30in Grapple	23176
Power Box Rake	23702
New Red Paint - Gallon	361-11
Dark Metallic Gray Aerosol Paint	361-12
Paint-Spray, Toro Textured Black.....	361-13
Semi-Gloss Black Spray Paint.....	361-9
Air Dry Red Paint - Qt	5340



Count on it.