



Count on it.

Form No. 3477-713 Rev A

Parts Catalog

Reelmaster® 5510-D Traction Unit

Model No. 03954—Serial No. 419000000 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.

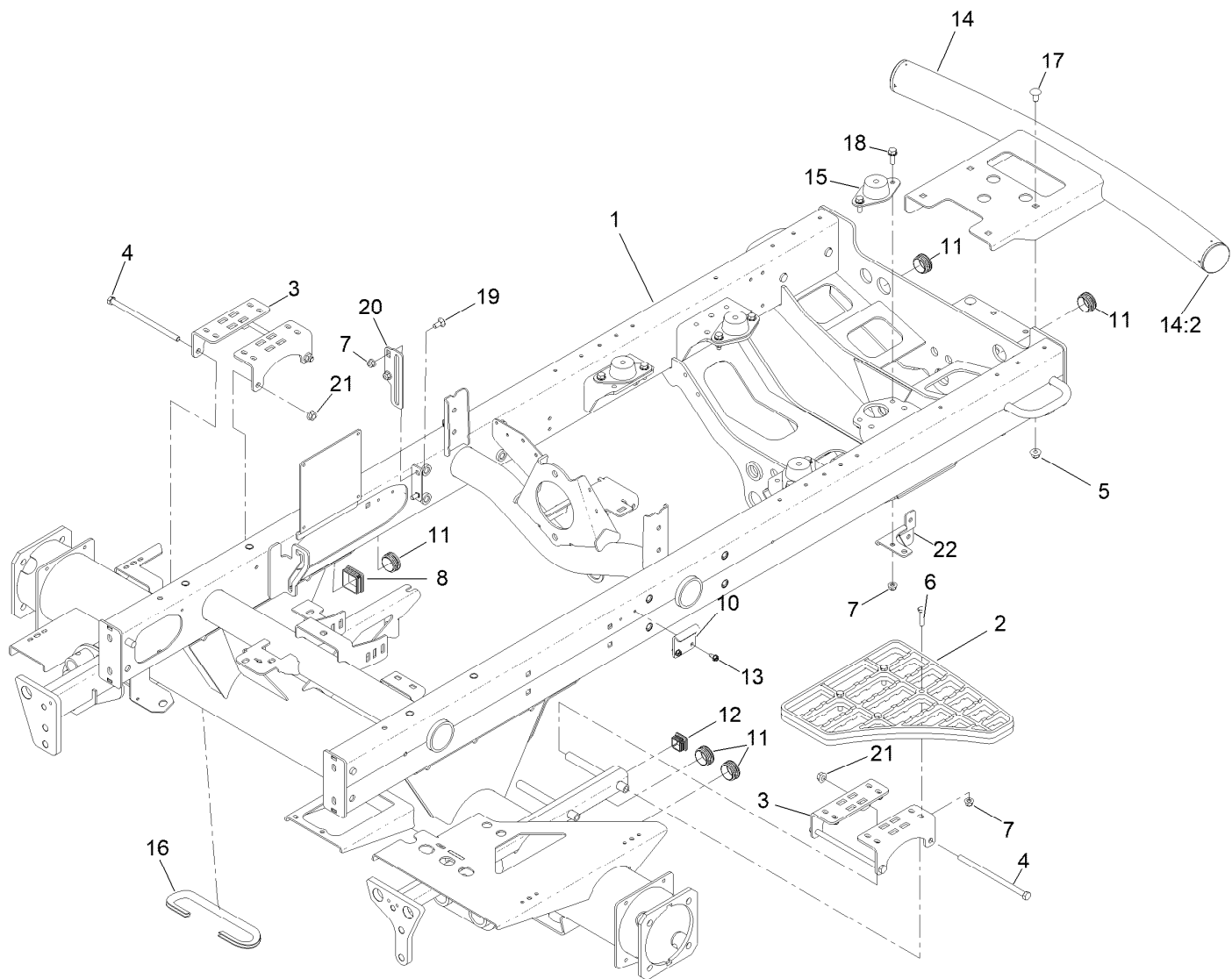
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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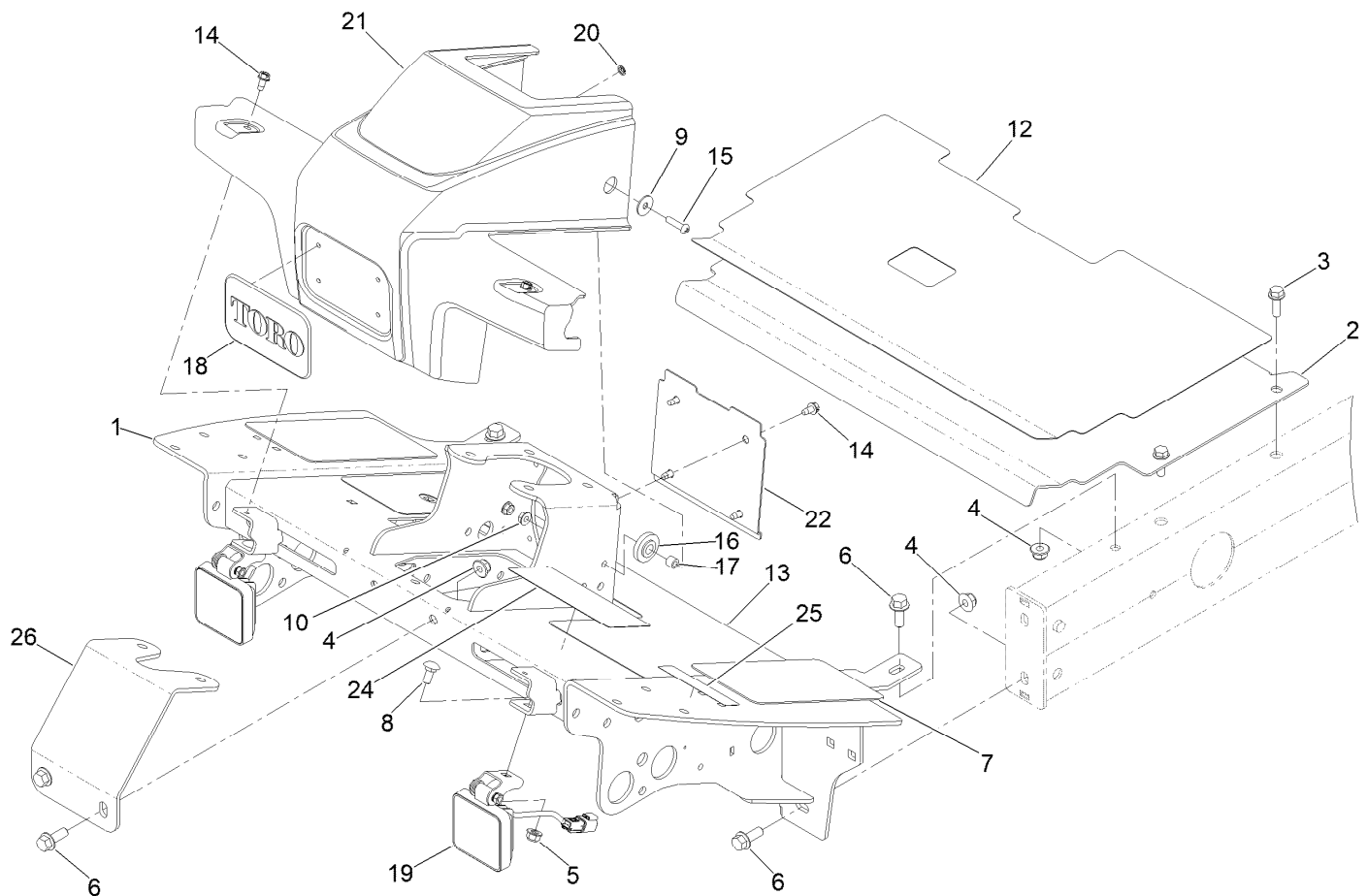
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Frame Assembly

Ref.	Part Number	Qty.	Description
1	145-2469	1	Frame ASM
2	110-9041	1	Step-Aluminum
3	127-2697-01	4	Bracket-Step
4	323-36	4	Screw-HH
5	104-8301	4	Nut-HF, NI
6	322-17	4	Screw-HH
7	104-8300	14	Nut-HF, NI
8	95-9495	1	Cap
10	110-8972	1	Hook-Latch
11	110-9012	3	Caplug
12	110-9013	1	Caplug

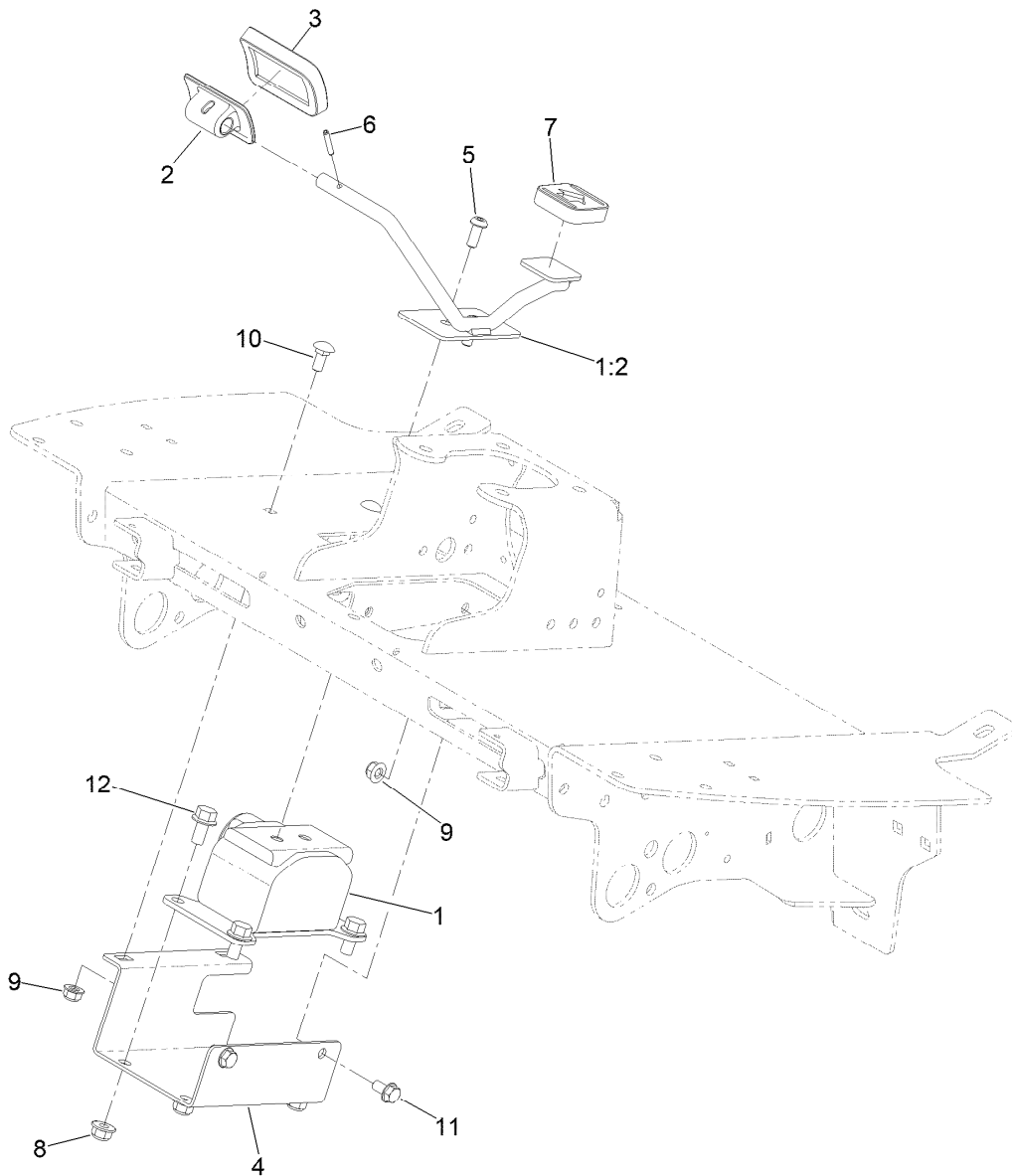
Ref.	Part Number	Qty.	Description
13	32104-17	2	Screw-HWH
14	147-3550	1	Bumper ASM
14:2	2410-42	2	Cap-End
15	120-6274	4	Mount-Engine
16	145-2520	1	Trim-Brake Hose
17	3231-21	4	Screw-CARR
18	3234-29	8	Screw-HHF
19	3230-1	2	Bolt-CARR
20	108-7584-01	1	Plate-Guide, Rod
21	32128-21	4	Nut-HF Lock
22	133-2985	1	Brkt-Tube Clamp



Platform and Shroud Assembly

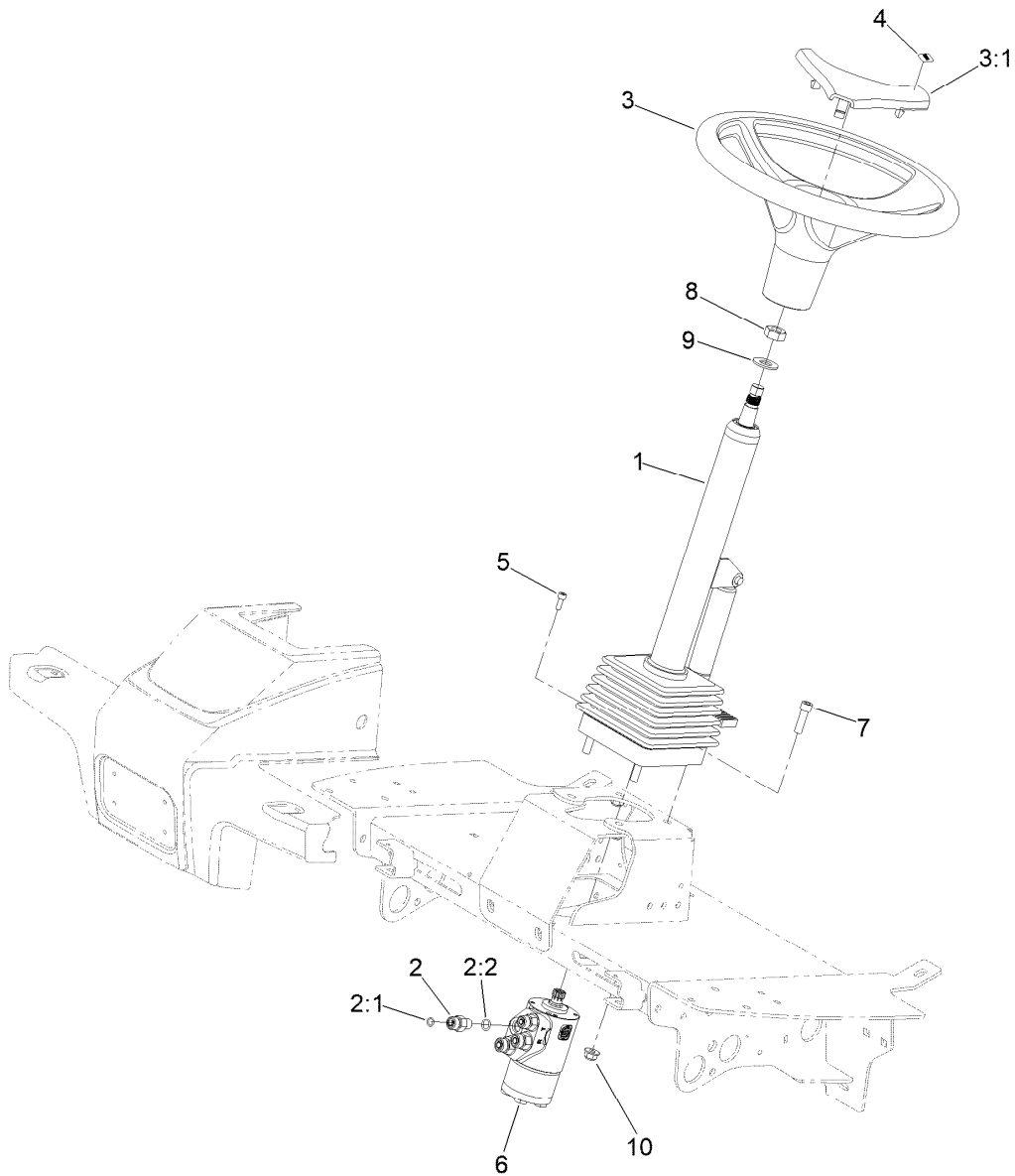
Ref.	Part Number	Qty.	Description
1	145-2490-01	1	Platform ASM
2	115-8064-01	1	Plate-Floor
3	3234-17	4	Screw-HHF
4	104-8301	6	Nut-HF, NI
5	104-8300	2	Nut-HF, NI
6	3234-11	6	Screw-HHF
7	125-2910	2	Tread-Floor, Side
8	3230-1	2	Bolt-CARR
9	87-6630	2	Washer-Plain
10	32128-33	2	Nut-HF
12	125-2911	1	Tread-Panel, Service
13	145-2510	1	Tread-Floor Board
14	32104-17	6	Screw-HWH

Ref.	Part Number	Qty.	Description
15	106-9518	2	Screw-PRH
16	240-11	2	Bushing-Flange
17	66-8010	2	Spacer
18	93-6028	1	Plate-Logo
19	145-2598	2	Light-Work, LED
20	138-6996	4	Nut-Push
21	110-0944	1	Shroud-Platform
22	110-0947-03	1	Plate-Cover
24	133-2930	1	Decal-Danger
24	133-2931	1	Decal-Danger (CE)
25	133-8062	1	Decal-Spark Arrestor
26	110-8876-0P	1	Brace-Column



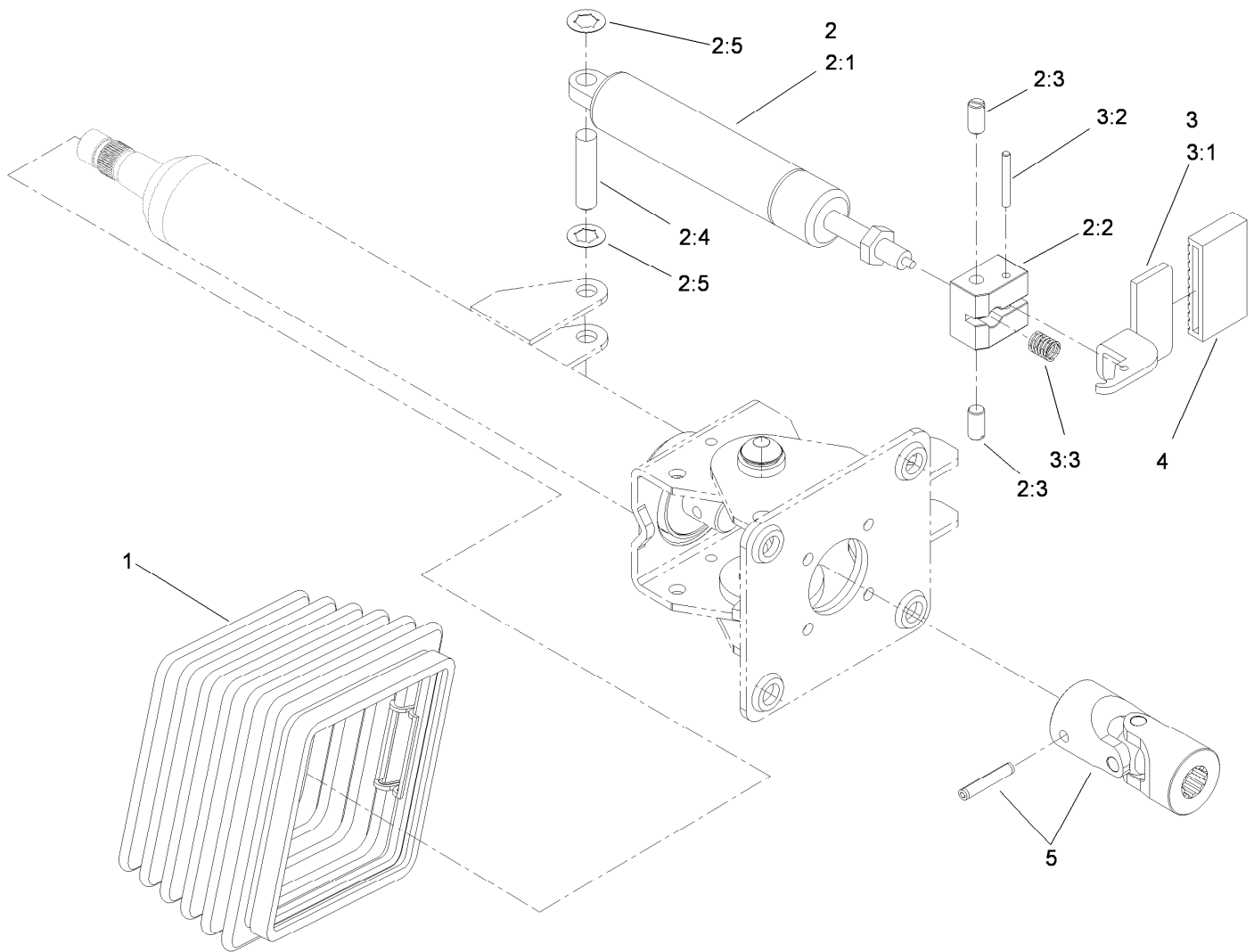
Pedal Assembly

Ref.	Part Number	Qty.	Description
1	145-2545	1	E-Pedal ASM
1:2	145-2521	1	Pedal ASM
2	117-9507	1	Pedal-Accelerator
3	74-9100	1	Pad-Pedal, Forward
4	145-2489-0P	1	Bracket-Pedal, Mount
5	3274-96	2	Screw-HSBH
6	32121-45	1	Pin-Spring
7	74-9110	1	Pad-Pedal, Reverse
8	104-8301	4	Nut-HF, NI
9	104-8300	4	Nut-HF, NI
10	3230-1	2	Bolt-CARR
11	3234-7	2	Screw-HHF
12	3234-1	4	Screw-HHF



Steering Assembly

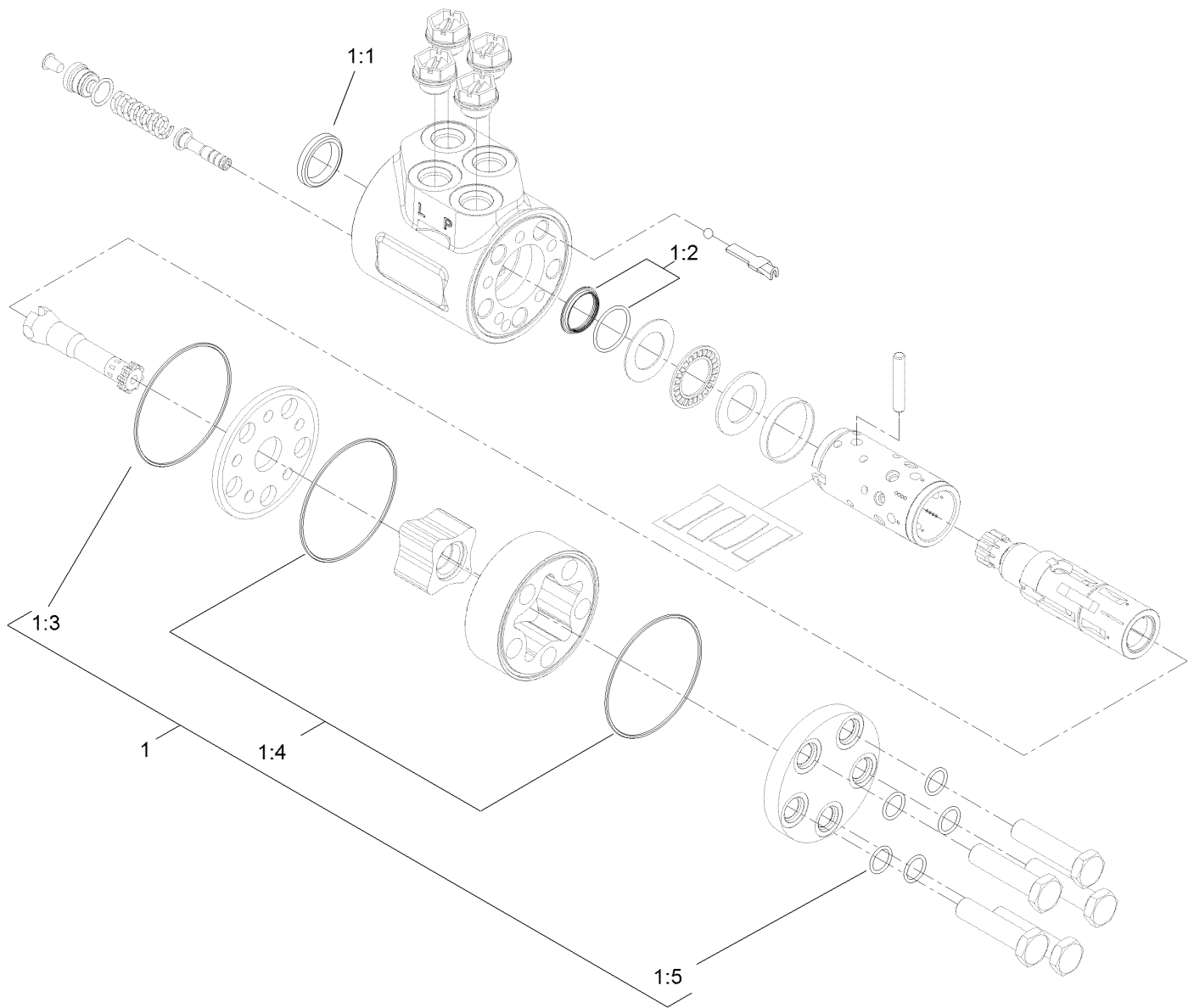
Ref.	Part Number	Qty.	Description
1	106-3622	1	Steering Tilt Column ASM
2	340-2	4	Fitting-Straight
2:1	237-22	1	O-Ring
2:2	237-42	1	O-Ring
3	98-1471	1	Wheel-Steering
3:1	98-1468	1	Cover-Wheel, Steering
4	98-1459	1	Decal
5	105-2409	4	Screw-HSH
6	106-3621	1	Steering Valve ASM
7	3274-1	4	Screw-HSH
8	3296-33	1	Nut-Lock, NI
9	3256-27	1	Washer-Flat
10	104-8301	4	Nut-HF, NI



Steering Tilt Column Assembly No. 106-3622

Ref.	Part Number	Qty.	Description
1	110-6462	1	Bellows-Rubber
2	110-6463	1	Cylinder Service Kit
2:1		1	Cylinder-Gas ●
2:2		1	Block-Pedal ●
2:3		2	Bolt ●
2:4		1	Pin ●
2:5		2	Washer-Lock ●
3	110-6464	1	Pedal Service Kit
3:1		1	Pedal ●
3:2		1	Pin ●
3:3		1	Spring ●
4	110-6465	1	Cover-Pedal
5	120-6256	1	Universal Joint Kit

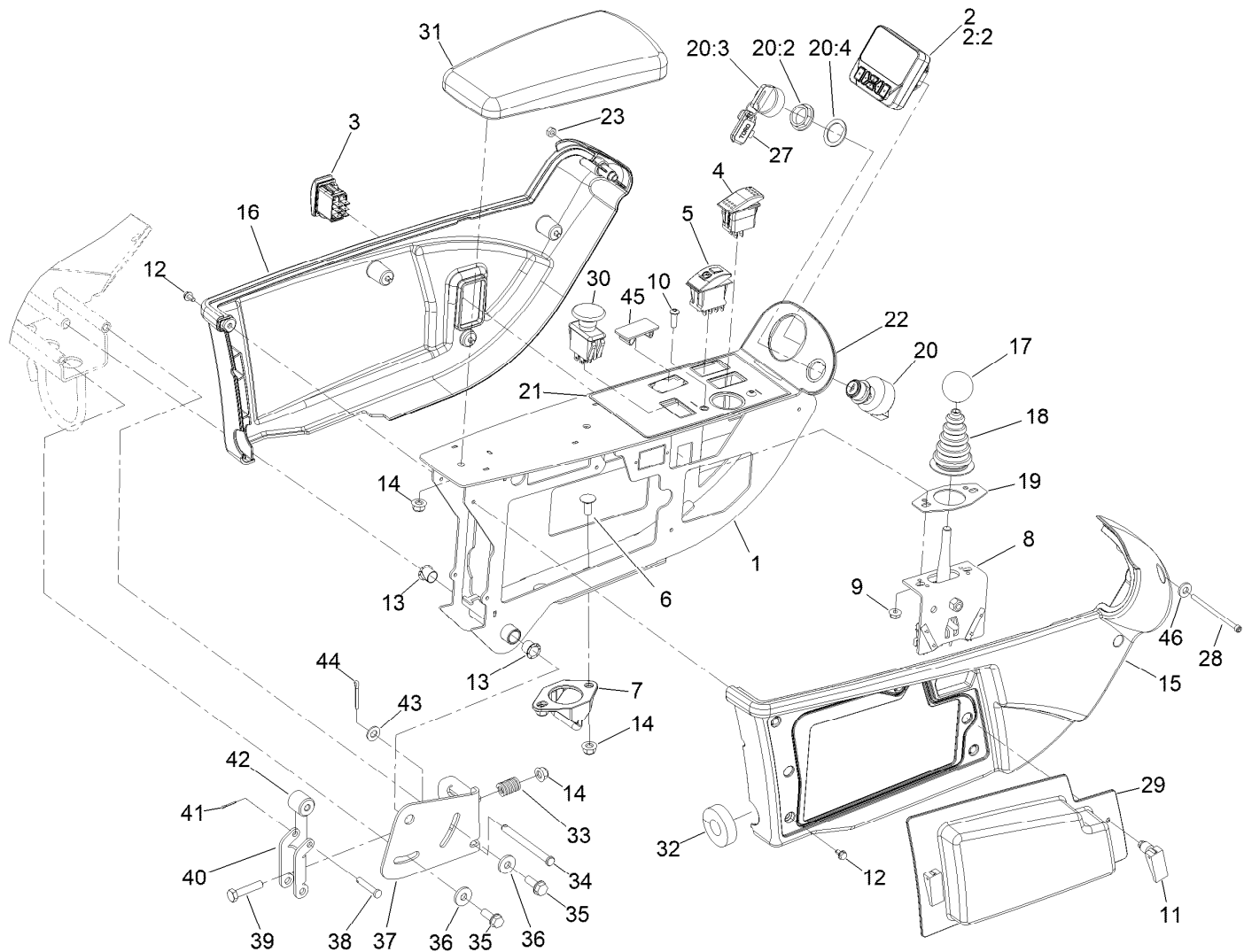
● Not serviced separately



Steering Valve Assembly No. 106-3621

Ref.	Part Number	Qty.	Description
1	106-6716	1	Seal Kit
1:1		1	Ring-Seal, Dust ●
1:2		1	Seal-Shaft ●
1:3		1	O-Ring ●
1:4		2	O-Ring ●
1:5		5	O-Ring ●

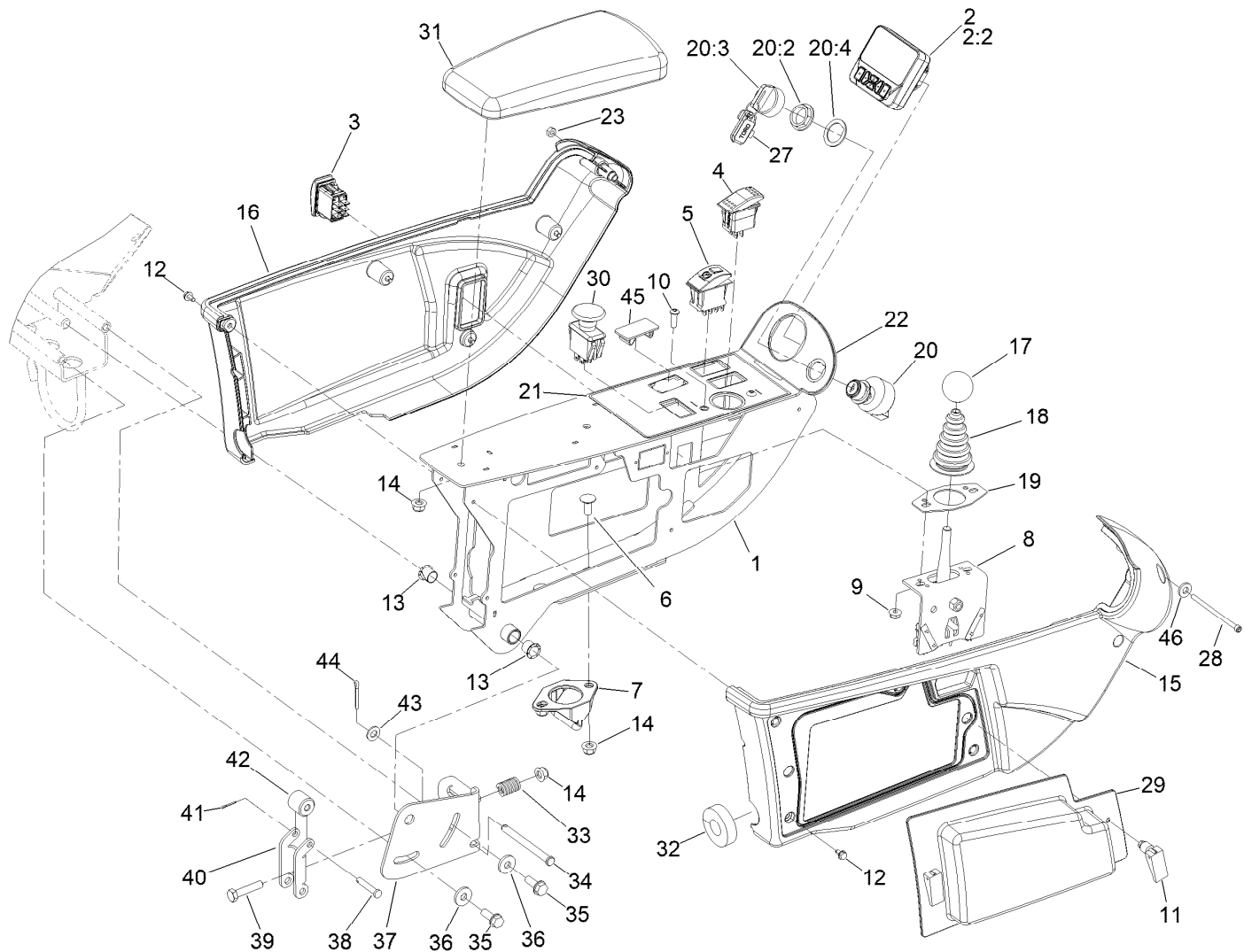
● Not serviced separately



Control Panel Assembly

Ref.	Part Number	Qty.	Description
1	145-2474-03	1	Frame ASM, Control Arm [black]
2	161-1700	1	Display-LCD
2:2	161-1723	1	Nut-Display
3	95-8999	1	Switch-Rocker, On-None-On
4	114-3329	1	Switch-Rocker
5	111-2254	1	Switch-Rocker, On-None-On
6	3230-23	2	Bolt-CARR
7	125-1938	1	Latch
8	120-5280	1	Bracket-Joystick
9	104-7201	2	Nut-HF, NI
10	3274-69	2	Screw-HSBH
11	74-5950	2	Latch-Swell
12	104-2065	10	Screw-HWH
13	256-257	2	Bushing-Nyliner
14	104-8300	5	Nut-HF, NI
15	108-7605	1	Cover-RH
16	108-7604	1	Cover-LH
17	233-42	1	Knob

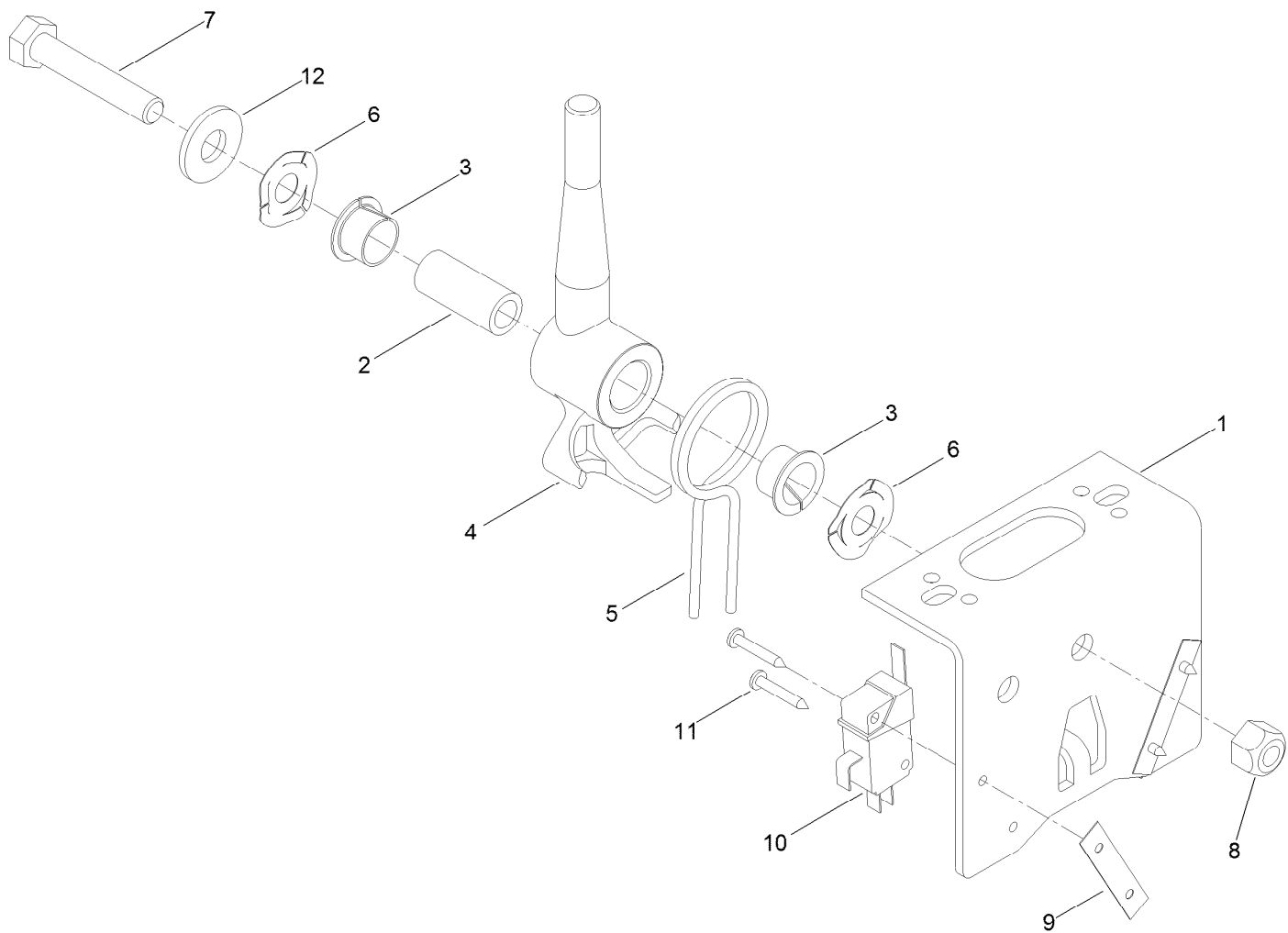
Ref.	Part Number	Qty.	Description
18	93-5961	1	Boot-Lever
19	112-9181	1	Plate-Boot
20	106-5269	1	Ignition Switch ASM
20:2	108-8660	1	Nut-Mounting
20:3	106-5270	1	Ignition Key Set
20:4	108-8659	1	Washer-Backup
21	145-2483	1	Decal-Control Panel
22	120-4158	1	Decal-Console, Upper
23	3296-2	1	Nut-Lock, NI
27	99-8970	1	Key-Latch, Hood
28	161-8374	1	Screw-HSH
29	114-0446	1	Panel-Access
30	93-9999	1	Switch-PTO
31	108-7602	1	Rest-Arm
32	145-2594	1	Seal-Foam
33	110-5331	1	Spring-Compression
34	283-88	1	Pin-Clevis
35	32144-41	2	Screw-Taptime
36	4-2390	2	Washer-Flat
37	110-5313-03	1	Bracket-Retainer
38	283-73	1	Pin-Clevis



Control Panel Assembly (continued)

Ref.	Part Number	Qty.	Description
39	322-7	1	Screw-HH
40	110-5314	1	Latch
41	3272-1	1	Pin-Cotter
42	110-8856	1	Spacer

Ref.	Part Number	Qty.	Description
43	3256-23	1	Washer-Plain
44	3272-11	1	Pin-Cotter
45	99-7420	1	Plug-Hole
46	3256-51	1	Washer-Flat



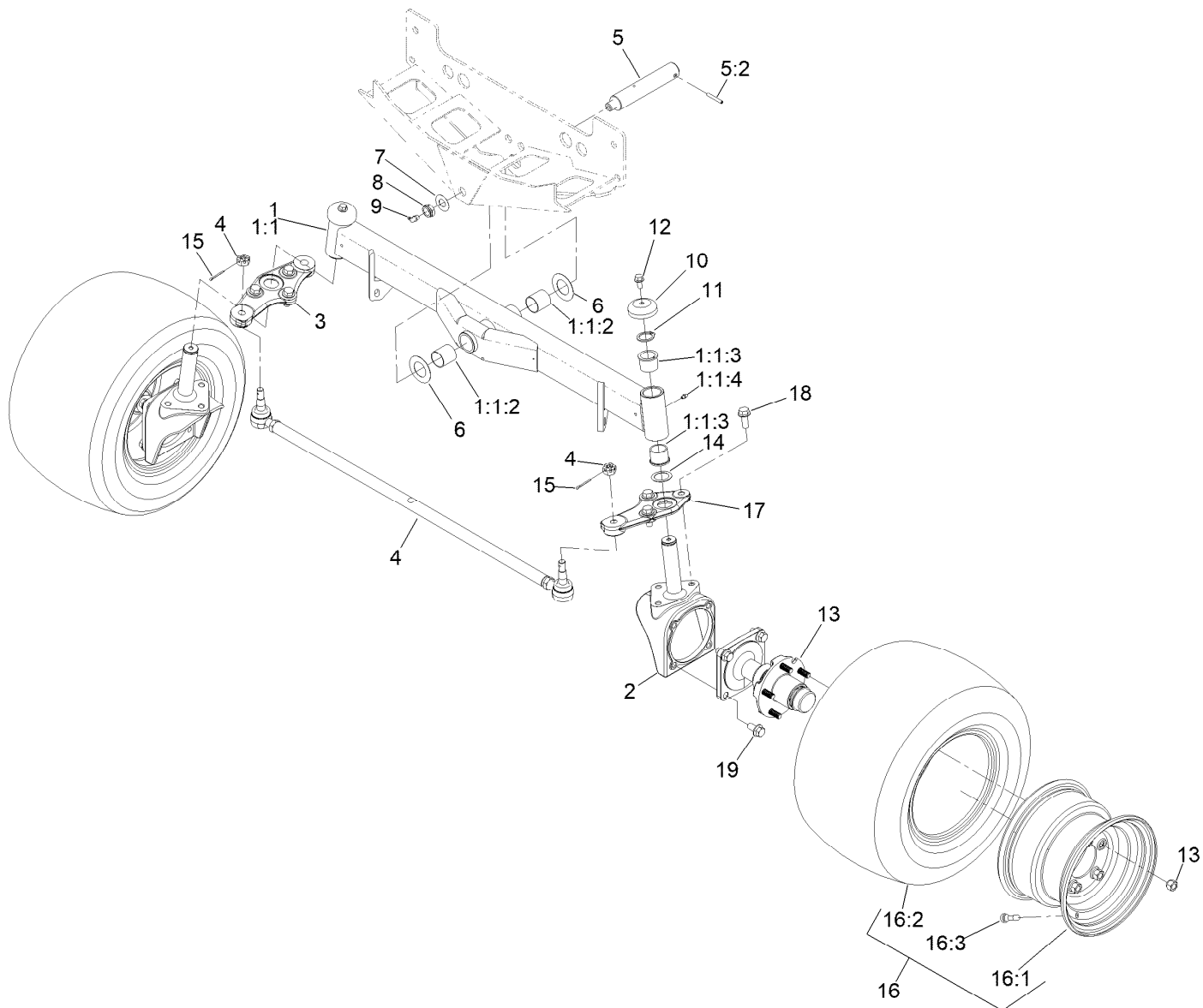
Joystick Bracket Assembly No. 120-5280

Ref.	Part Number	Qty.	Description
1	115-5357-03	1	Bracket-Joystick
2	106-4192	1	Spacer
3	93-5547	2	Bushing-Nylon
4	119-3540	1	Hub-Pivot, Joystick
5	105-8289	1	Spring-Torsion
6	106-4193	2	Washer-Finger, Spring
7	322-9	1	Screw-HH
8	3296-29	1	Nut-Lock, NI
9	3290-354	2	Nut-Speed
10	108-6496	2	Switch (W/Boot)
11	95-3003	4	Screw-PPHTF
12	3256-3	1	Washer-Flat



Front Axle Assembly

Ref.	Part Number	Qty.	Description
1	139-2564	12	Nut-Lug
2	144-2058	2	Hub ASM (1.50)
2:1	136-7971	1	Hub-Wheel
2:2	114-3918	6	Stud-Wheel
3	139-6048	2	Tire ASM
3:1	133-2724	1	Tire
3:2	139-6049	1	Wheel
3:3	232-27	1	Stem-Valve
4	117-3290	2	Nut-Hex
5	117-5198	2	Key-Square

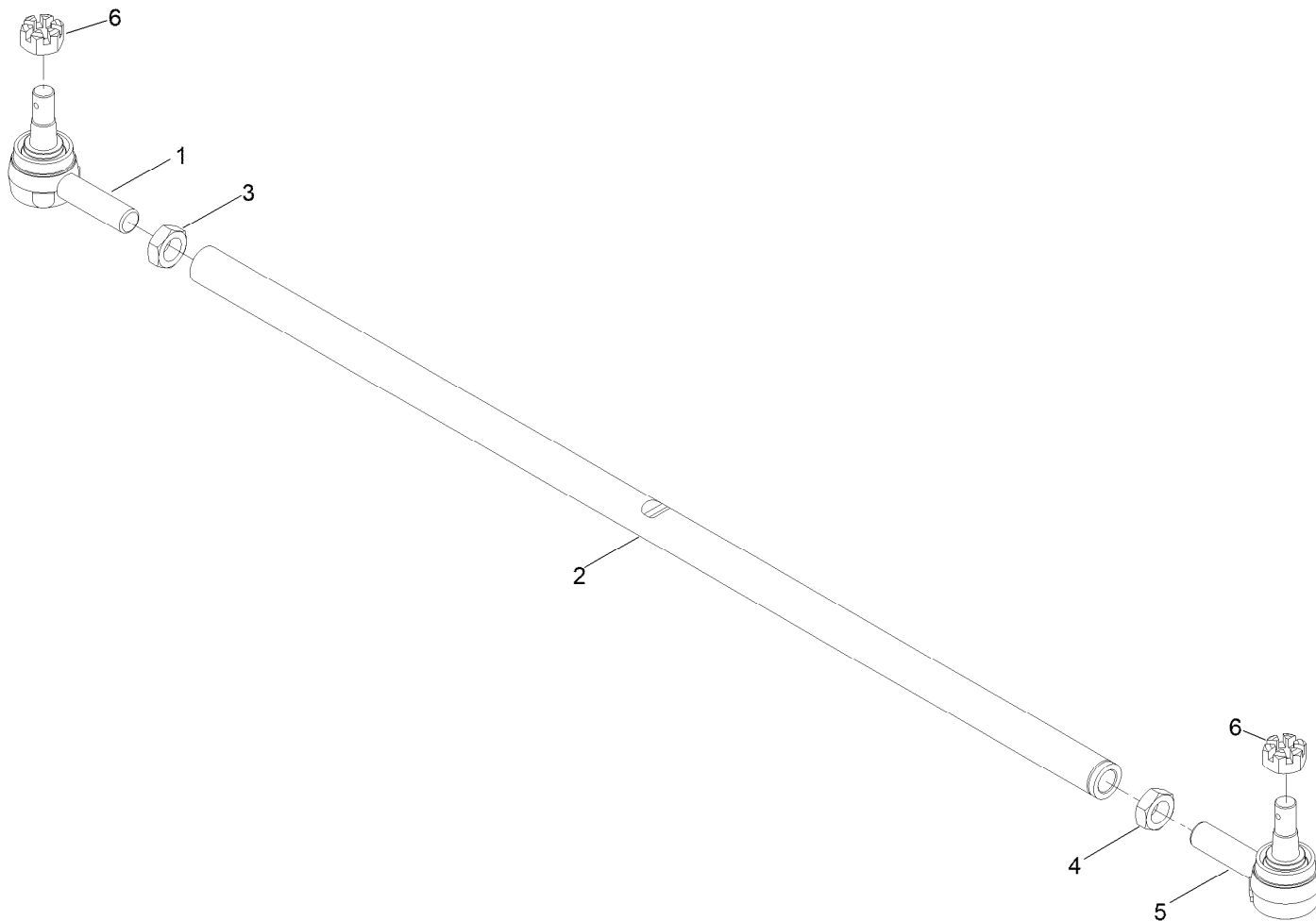


Rear Axle Assembly

Ref.	Part Number	Qty.	Description
1	107-4546-03	1	Axle ASM
1:1		1	Axle ●
1:1:2	99-6964	2	Bushing-Axle
1:1:3	104-0015	4	Bushing-Flange
1:1:4	302-5	2	Fitting-Grease
2	161-5128	2	Housing-Motor
3	140-3142	1	Link-Drag, RH
4	139-6029	1	Tie Rod ASM
5	140-6101	1	Pin ASM-Axle Pivot
5:2	32121-32	1	Pin-Roll
6	99-8432	2	Washer-Thrust
7	71-4540	1	Washer-Thrust
8	3296-15	1	Nut-Lock, NI
9	302-33	1	Fitting-Grease

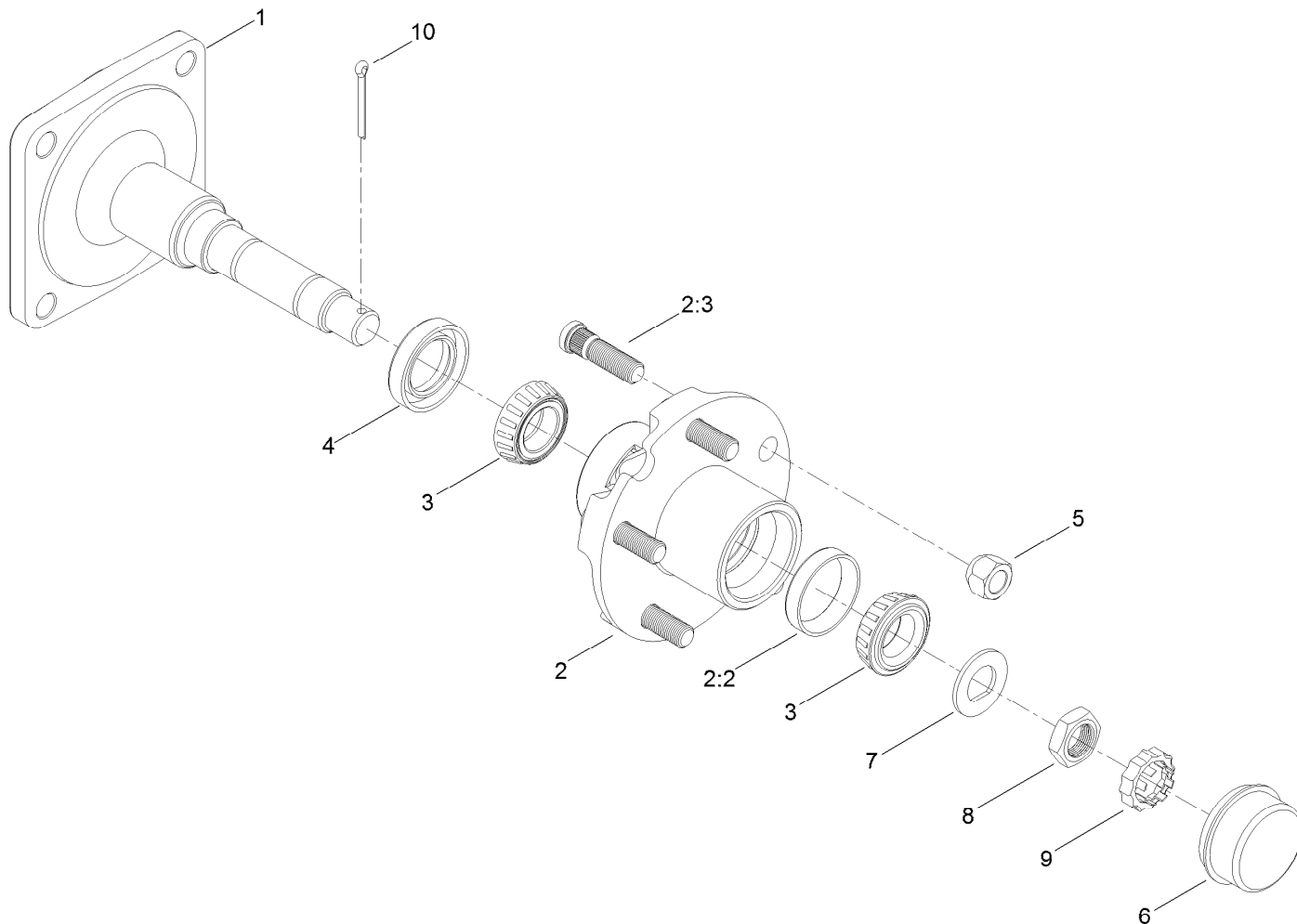
Ref.	Part Number	Qty.	Description
10	69-8890	2	Cap-Spindle
11	32151-77	2	Ring-Retaining, External
12	3234-1	2	Screw-HHF
13	117-8961	2	Hub And Spindle ASM
14	76-2980	2	Washer-Thrust
15	3272-12	2	Pin-Cotter
16	117-0281	2	Rim And Tire ASM
16:1	117-0280	1	Rim
16:2	117-5125	1	Tire
16:3	232-27	1	Stem-Valve
17	140-3144	1	Link-Drag, LH
18	3234-38	6	Screw-HHF
19	3234-6	8	Screw-HHF

● Not serviced separately



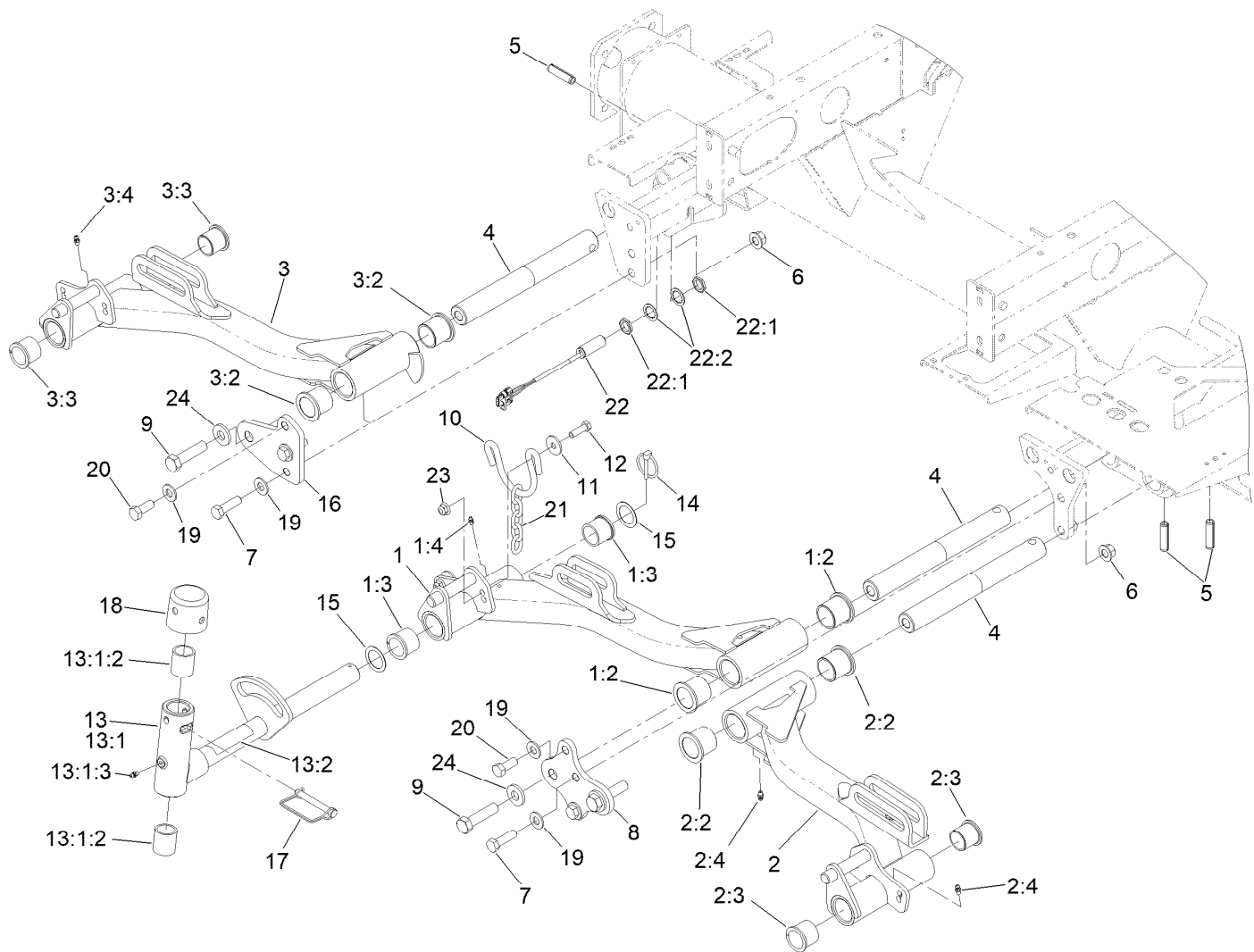
Tie Rod Assembly No. 139-6029

Ref.	Part Number	Qty.	Description
1	144-3901	1	Tie Rod End
2	139-6030	1	Rod-Tie
3	84-5300	1	Nut-Jam
4	110-5337	1	Nut-Jam
5	144-3902	1	Tie Rod End
6	140-6135	2	Nut-Hex, Slotted



Hub and Spindle Assembly No. 117-8961

Ref.	Part Number	Qty.	Description
1	117-8958	1	Spindle
2	117-8963	1	Hub ASM
2:2	254-72	2	Bearing-Cup, Tapered
2:3	114-3918	5	Stud-Wheel
3	254-94	2	Bearing-Cone, Tapered
4	112-1690	1	Seal-Oil
5	139-2564	5	Nut-Lug
6	241-119	1	Cap-Dust
7	117-8259	1	Washer-Spindle
8	117-8260	1	Nut
9	93-0307	1	Nut-Lock, Retainer
10	3272-18	1	Pin-Cotter

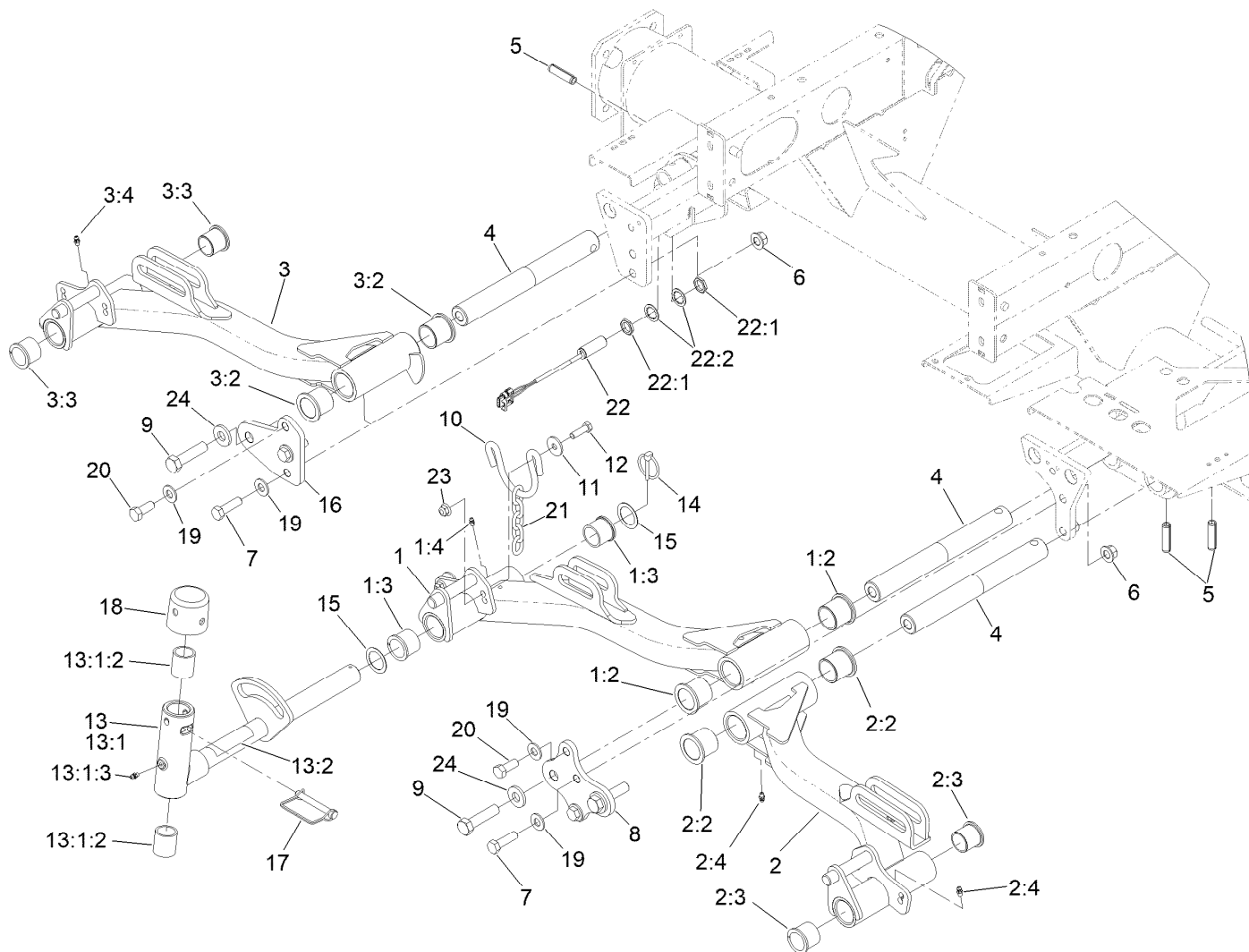


No. 1, 4 and 5 Lift Arm Assembly

Ref.	Part Number	Qty.	Description
1	133-2911	1	Lift Arm ASM #1
1:2	69-6470	2	Bushing-Caster
1:3	104-0015	2	Bushing-Flange
1:4	302-5	2	Fitting-Grease
2	133-2914	1	Lift Arm ASM #4
2:2	69-6470	2	Bushing-Caster
2:3	104-0015	2	Bushing-Flange
2:4	302-5	2	Fitting-Grease
3	133-2915	1	Lift Arm ASM #5
3:2	69-6470	2	Bushing-Caster
3:3	104-0015	2	Bushing-Flange
3:4	302-5	2	Fitting-Grease
4	117-0208	3	Shaft-Pivot, Liftarm
5	32121-122	3	Pin-Roll
6	99-5107	4	Nut-HF Nylock
7	325-7	4	Screw-HH
8	117-5154-01	1	Plate-Bridge 1 And 4
9	327-7	3	Screw-HH

Ref.	Part Number	Qty.	Description
10	110-0922	3	Hoop-Chain
11	63-8410	6	Washer
12	323-7	6	Screw-HH
13	138-1248	3	Pivot Yoke ASM
13:1		1	Yoke-Pivot ●
13:1:2	121-3187	2	Bushing
13:1:3	302-5	1	Fitting-Grease
13:2	110-9642	1	Decal-Warning
14	92-1298	3	Pin-Lynch
15	76-2980	6	Washer-Thrust
16	117-5153-01	1	Plate-Bridge 5
17	107-7400	3	Pin-Lynch
18	107-4027	3	Cap
19	87-7270	6	Washer-Thrust
20	325-5	2	Screw-HH
21	84-2451	3	Chain-Straight, 5 Link
22	115-5300	1	Proximity Switch ASM
22:1	117-3207	2	Nut-Hex

● Not serviced separately

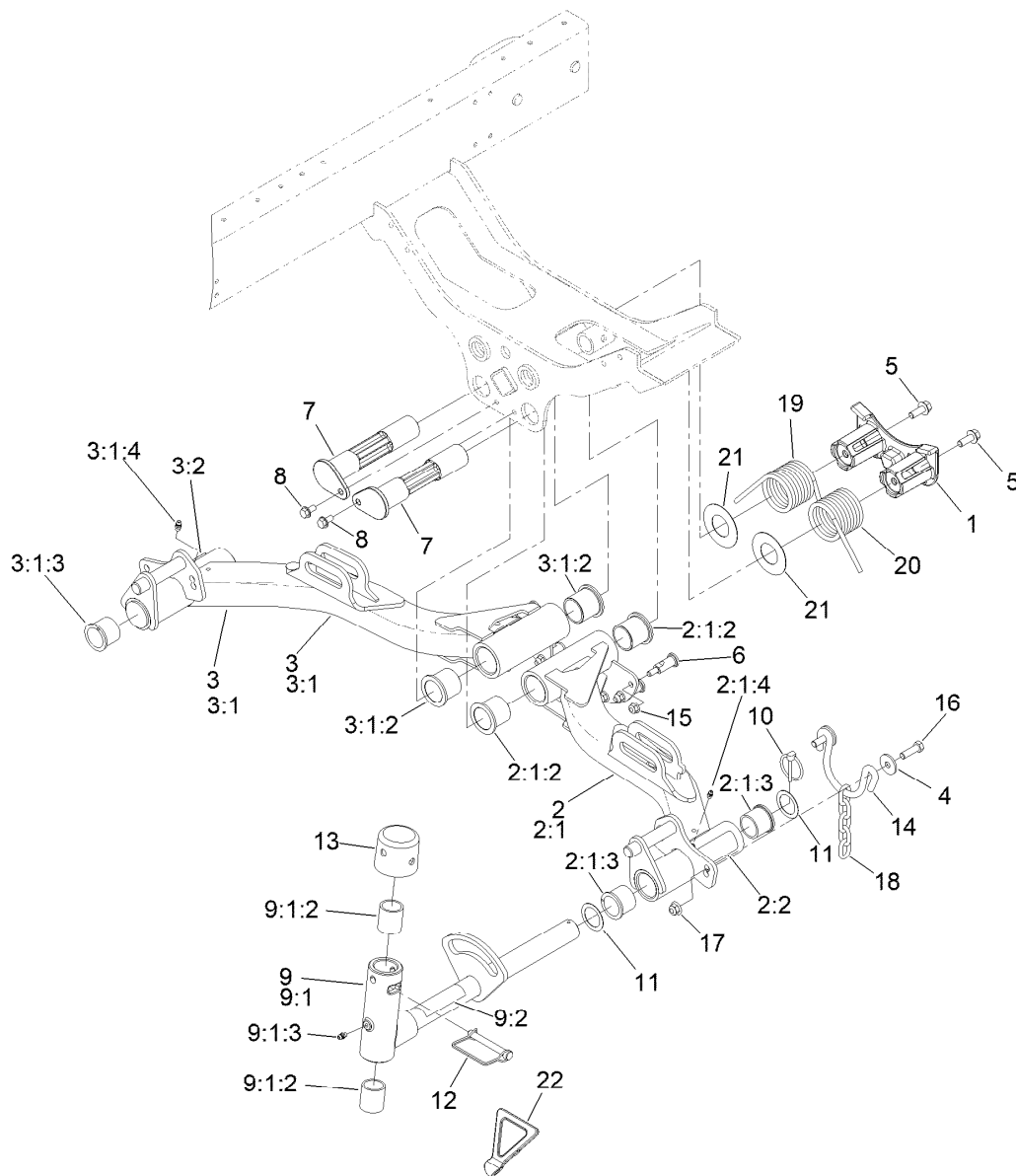


No. 1, 4 and 5 Lift Arm Assembly (continued)

Ref.	Part Number	Qty.	Description
22:2	117-3208	2	Washer-Lock, Internal Tooth

Ref.	Part Number	Qty.	Description
23	104-8301	6	Nut-HF, NI
24	99-7667	3	Washer-Flat

● Not serviced separately

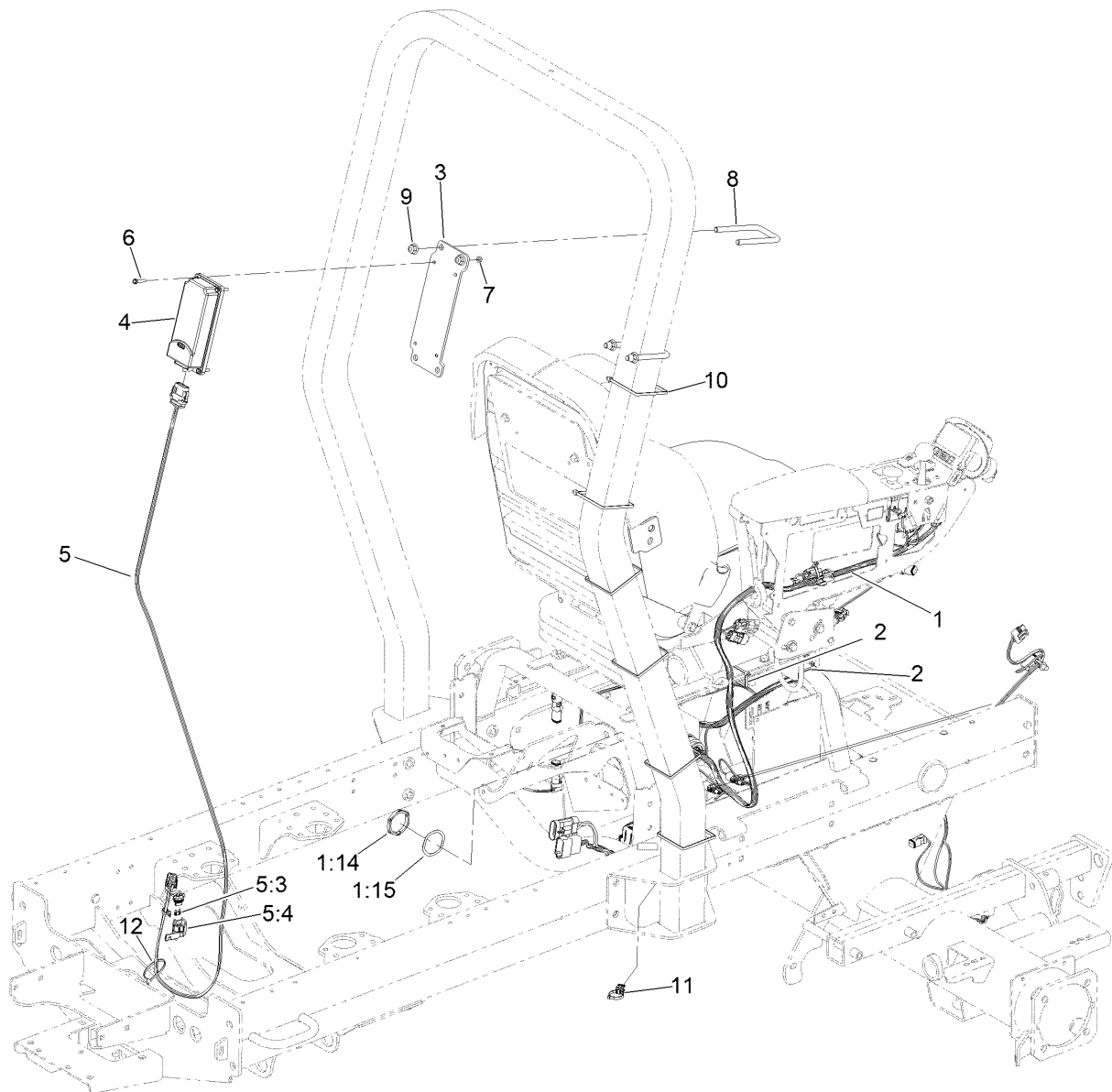


No. 2 and 3 Lift Arm Assembly

Ref.	Part Number	Qty.	Description
1	125-2018	1	Housing
2	136-8002	1	Lift Arm #2
2:1		1	Lift Arm ASM #2 ●
2:1:2	69-6470	2	Bushing-Caster
2:1:3	104-0015	2	Bushing-Flange
2:1:4	302-5	2	Fitting-Grease
2:2	93-6696	1	Decal-Warning
3	136-8003	1	Lift Arm #3
3:1		1	Lift Arm ASM #3 ●
3:1:2	69-6470	2	Bushing-Caster
3:1:3	104-0015	2	Bushing-Flange
3:1:4	302-5	2	Fitting-Grease
3:2	93-6696	1	Decal-Warning
4	63-8410	4	Washer
5	3234-11	2	Screw-HHF
6	120-6283	6	Stud-Shouldered
7	125-2037	2	Shaft
8	32144-14	2	Screw-HWHTF

Ref.	Part Number	Qty.	Description
9	138-1248	2	Pivot Yoke ASM
9:1		1	Yoke-Pivot ●
9:1:2	121-3187	2	Bushing
9:1:3	302-5	1	Fitting-Grease
9:2	110-9642	1	Decal-Warning
10	92-1298	2	Pin-Lynch
11	76-2980	4	Washer-Thrust
12	107-7400	2	Pin-Lynch
13	107-4027	2	Cap
14	110-0922	2	Hoop-Chain
15	104-8300	6	Nut-HF, NI
16	323-7	4	Screw-HH
17	104-8301	4	Nut-HF, NI
18	84-2451	2	Chain-Straight, 5 Link
19	99-5608-03	1	Spring-Torsion, RH
20	99-5609-03	1	Spring-Torsion, LH
21	110-5345	2	Washer
22	119-8010-03	1	Kickstand

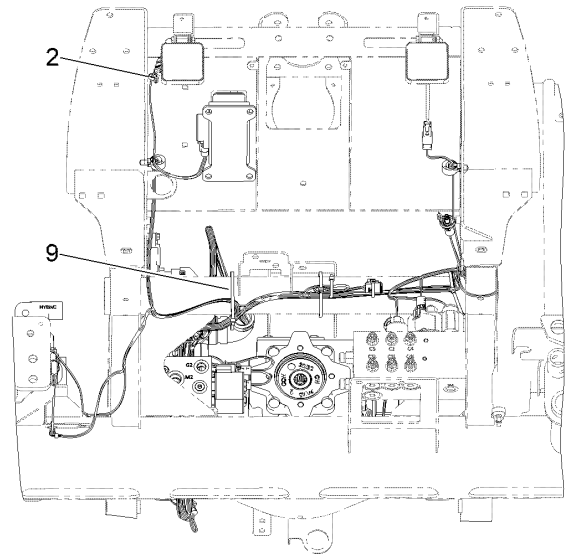
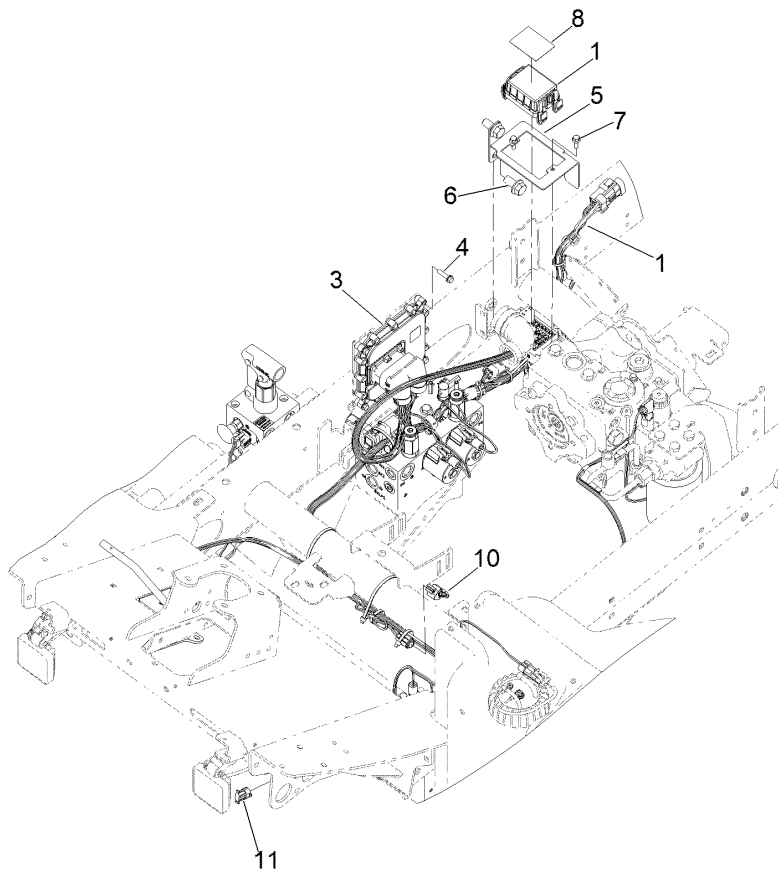
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Seat and Control Arm Wiring Harness Assembly

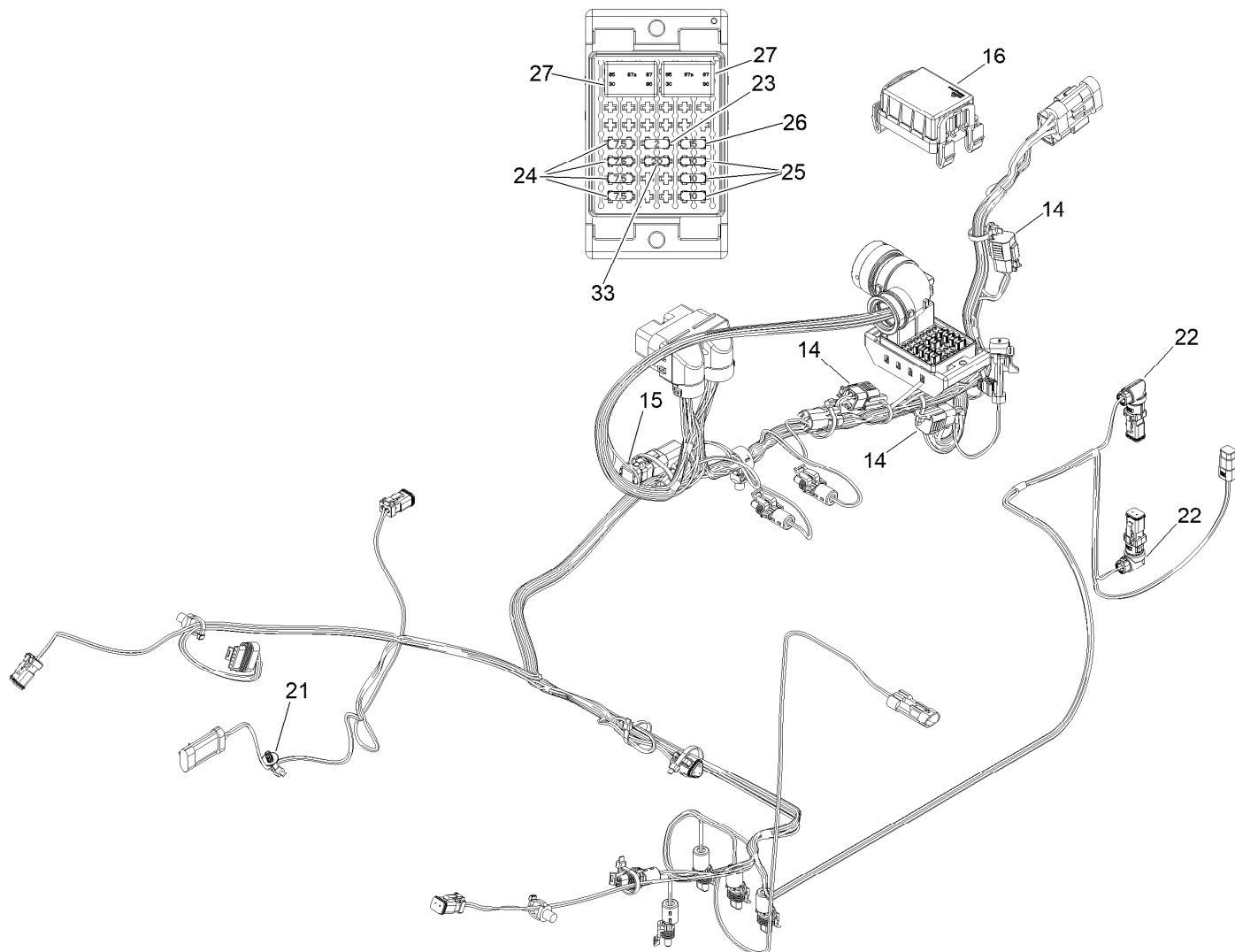
Ref.	Part Number	Qty.	Description
1	122-2126	1	Harness-Wire, Seat
1:14	32180-135	1	Nut-Connector
1:15	32180-143	1	Washer-Lock
2	3290-378	2	Tie-Cable
3	161-8398-03	1	Bracket-Hmu Mouting
4	161-9001	1	Gateway-Telematics
5	122-2163	1	Harness-Wire
5:3	121-8861	1	Fuse-Mini Blade, 2 Amp

Ref.	Part Number	Qty.	Description
5:4	32180-101	1	Cover-Fuse, Single
6	131-6456	4	Screw-HWH
7	3296-2	4	Nut-Lock, NI
8	138-8991	2	U-Bolt-Sq
9	104-8301	4	Nut-HF, NI
10	3290-379	6	Tie-Cable
11	32180-078	1	Clip-Edge
12	3290-378	2	Tie-Cable



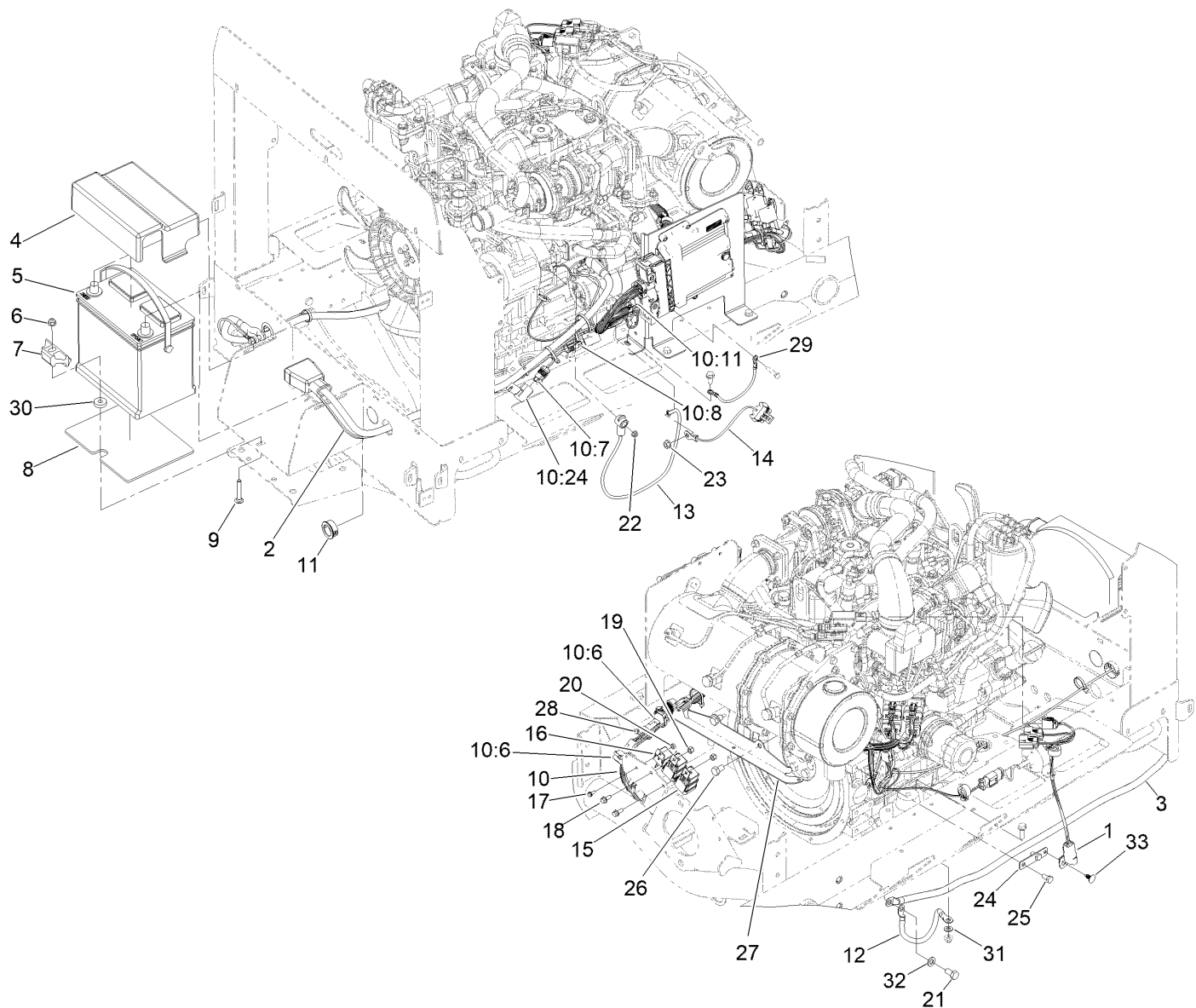
Main Wiring Harness Assembly

Ref.	Part Number	Qty.	Description
1	122-2912	1	Harness-Wire, Main
2	3290-378	1	Tie-Cable
3	127-2770	1	Controller
4	32144-86	4	Screw-HWHTF
5	145-2506-0P	1	Bracket-Pdm [primed]
6	3234-6	2	Screw-HHF
7	33103-020	2	Screw-HHF
8	145-2519	1	Decal-Fuses
9	3290-379	3	Tie-Cable
10	32180-089	1	Cap-Plug, 3 Way
11	32180-056	1	Cap



Wire Harness Assembly No. 122-2912

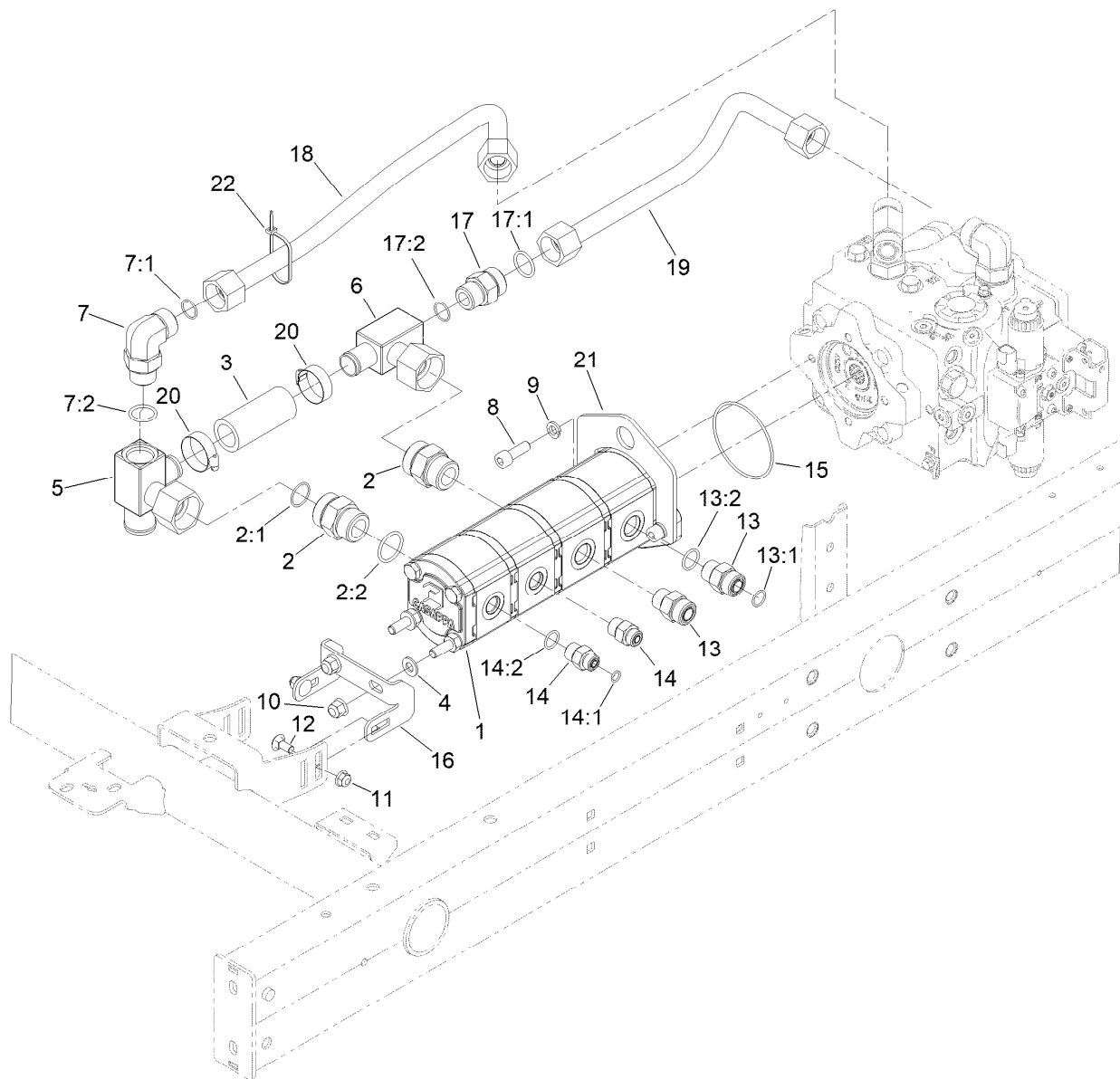
Ref.	Part Number	Qty.	Description
14	32180-156	3	Cap-Plug, 6 Way
15	122-1131	1	Conn, Capacitor-Sealed
16	32180-471	1	Cover-Chief, Bric
21	32180-400	1	Clip-Tie, Fir Tree W/Tie, 5MM/.196" Hole
22	32180-060	2	Backshell-Harnessflex, Dt06-2S 90 Degree
23	121-8861	1	Fuse-Mini Blade, 2 Amp
24	121-8865	4	Fuse-Mini Blade, 7.5 Amp
25	121-8866	3	Fuse-Mini Blade, 10 Amp
26	121-8867	1	Fuse-Mini Blade, 15 Amp
27	122-0368	2	Relay-280 ISO
33	121-8868	1	Fuse-Mini Blade, 20 Amp



Battery Mounting Assembly

Ref.	Part Number	Qty.	Description
1	122-2910	1	Harness-Wire, Yanmar Dpf Interface
2	121-8850	1	Cable-Battery, Positive
3	121-8851	1	Cable-Battery, Negative
4	121-5615	1	Cover-Battery
5	132-8621	1	Battery - Corrosive
6	104-8300	1	Nut-HF, NI
7	138-6335	1	Retainer-Battery
8	127-2781	1	Mat-Battery
9	3230-6	1	Bolt-CARR
10	122-2911	1	Harness-Wire, Engine
10:6	100-4918	2	Diode
10:7	121-8868	1	Fuse-Mini Blade, 20 Amp
10:8	121-8866	1	Fuse-Mini Blade, 10 Amp
10:11	32160-359	1	Connector (6M)
10:24	32180-101	2	Cover-Fuse, Single
11	32180-570	2	Bushing-Panel Snap,1.00"
12	121-8856	1	Cable-Ground, Engine
13	100-5552	1	Harness-Wire
14	99-3441	1	Harness-Wire, Fusible Link

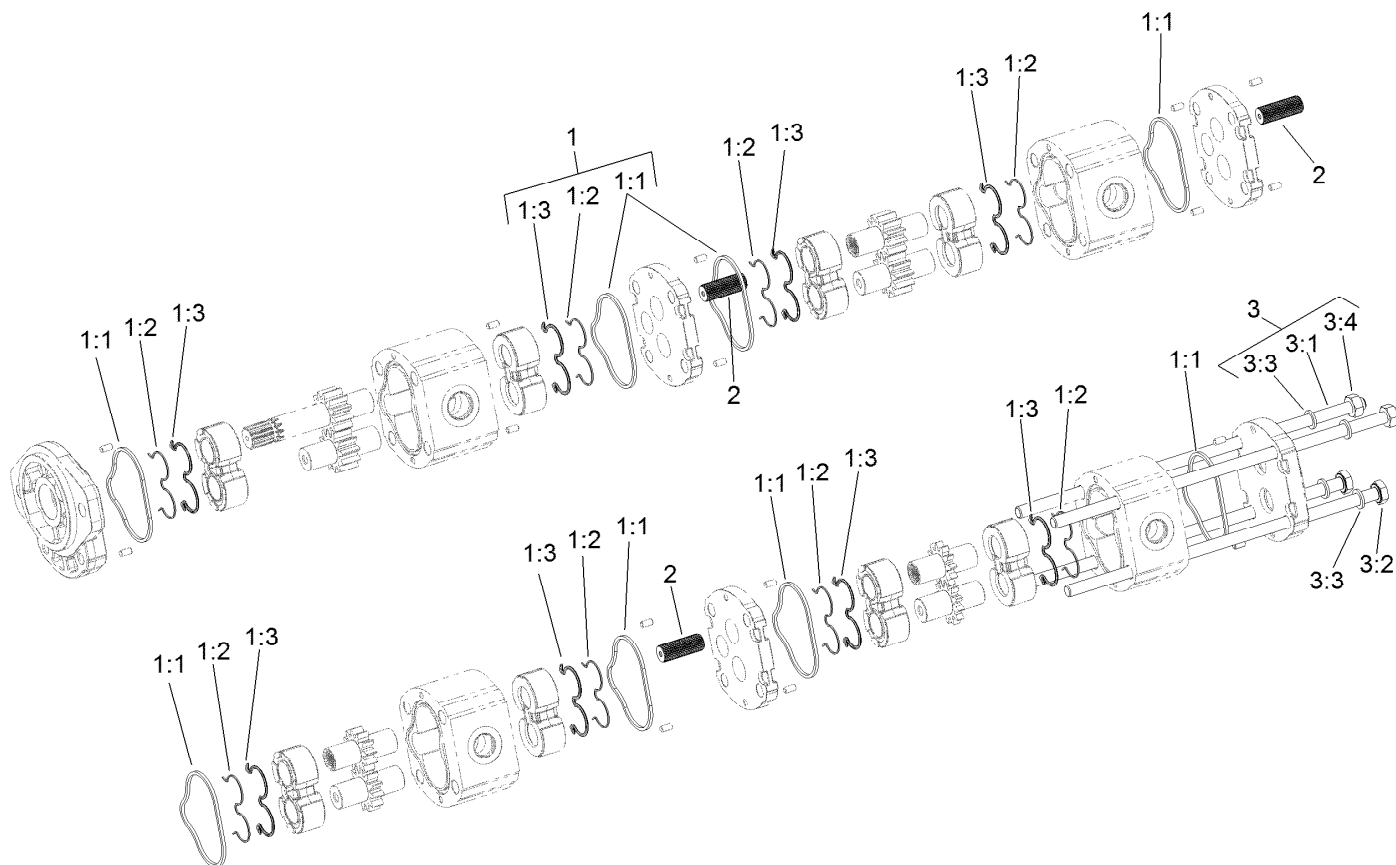
Ref.	Part Number	Qty.	Description
15	99-7430	2	Relay-Mini
16	99-7435	1	Relay
17	3290-321	1	Screw-HWH
18	3234-33	2	Screw-HHF
19	3296-42	2	Nut-Lock, NI
20	3296-2	1	Nut-Lock, NI
21	33115-020	1	Screw-HH
22	33003-00	1	Nut-HF
23	33004-00	1	Nut-HF
24	121-5636	1	Tab-Harness
25	33114-016	2	Screw-HH
26	33115-016	2	Screw-HH
27	132-9706-03	1	Bracket-Harness
28	3290-378	9	Tie-Cable
29	122-0058	1	Harness-Wire, Ground
30	62-6660	1	Spacer
31	120-9683	1	Washer-Plain
32	33095-00	1	Washer-Flat
33	117-2382	1	Plug-Plastic



Gear Pump Assembly

Ref.	Part Number	Qty.	Description
1	107-4547	1	Gear Pump ASM
2	104-3797	2	Fitting-Straight
2:1	237-146	1	O-Ring
2:2	340-65	1	O-Ring
3	144-2092	1	Hose-Formed
4	3256-24	2	Washer-Plain
5	145-2570	1	Manifold-Tube
6	144-2093	1	Manifold-Tube
7	340-142	1	Fitting-Elbow, 90 DEG
7:1	237-58	1	O-Ring
7:2	237-81	1	O-Ring
8	ST80801	2	Screw-HSH
9	48-9590	2	Washer-Lock
10	103-9511	2	Nut-Flg
11	104-8300	2	Nut-HF, NI
12	3230-1	2	Bolt-CARR

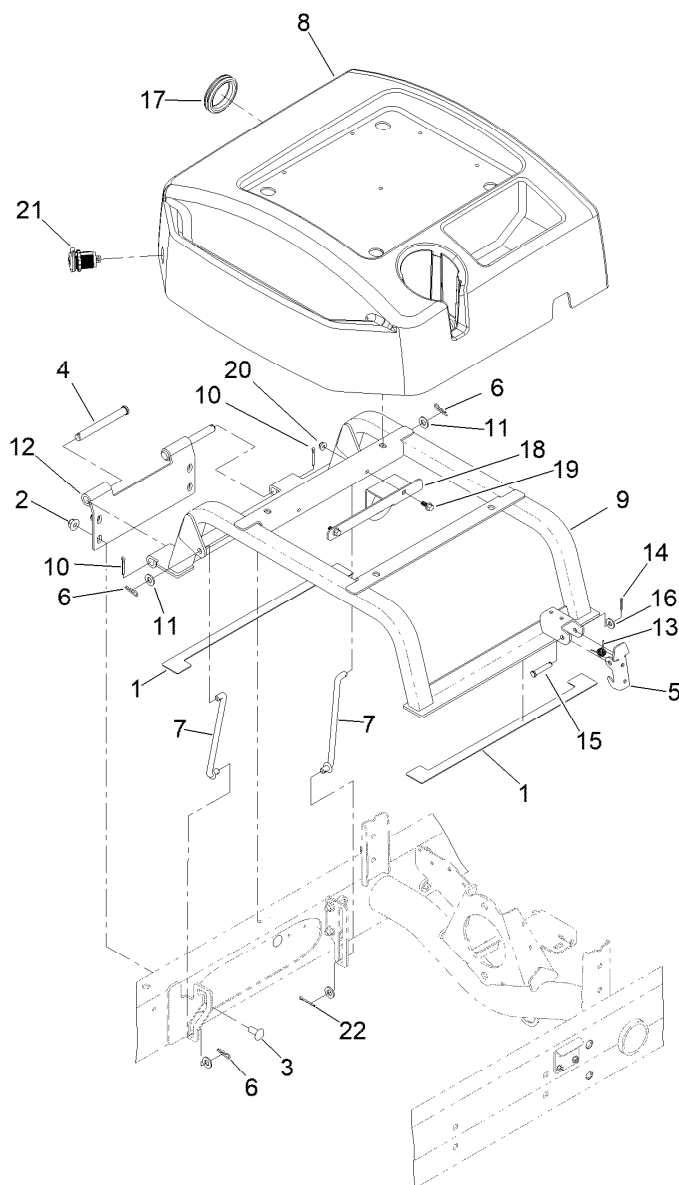
Ref.	Part Number	Qty.	Description
13	340-7	2	Fitting-Straight
13:1	237-65	1	O-Ring
13:2	237-80	1	O-Ring
14	340-3	2	Fitting-Straight
14:1	237-22	1	O-Ring
14:2	237-79	1	O-Ring
15	237-161	1	O-Ring
16	133-2946-0P	1	Brkt-Gear Pump
17	340-9	1	Fitting-STR
17:1	237-58	1	O-Ring
17:2	237-81	1	O-Ring
18	145-2561	1	Tube ASM-Hydraulic
19	145-2454	1	Tube ASM-Hydraulic
20	2412-34	2	Clamp-Hose
21	145-2548-0P	1	Bracket-Lift, Pump
22	3290-378	1	Tie-Cable



Gear Pump Assembly No. 107-4547

Ref.	Part Number	Qty.	Description
1	108-4595	1	Seal Kit
1:1		8	Seal ●
1:2		8	Seal ●
1:3		8	Ring-Back Up ●
2	120-6284	3	Hub-Connecting
3	125-8760	1	Kit-Bolt
3:1		2	Bolt-Stud ●
3:2		2	Screw ●
3:3		4	Washer ●
3:4		2	Nut ●

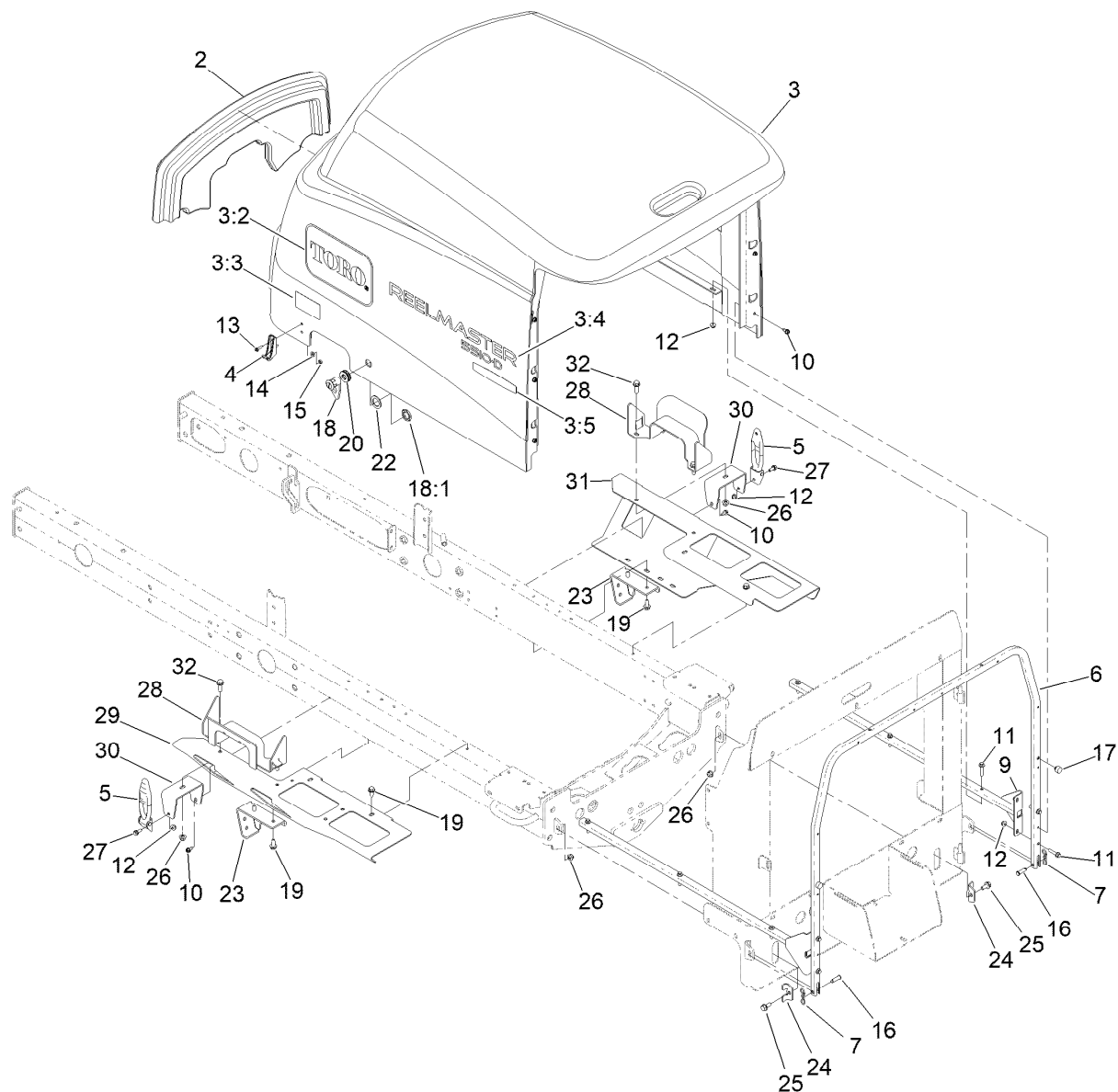
● Not serviced separately



Seat Base Assembly

Ref.	Part Number	Qty.	Description
1	110-5255	2	Bumper-Base, Seat
2	104-8301	4	Nut-HF, NI
3	3231-27	4	Screw-CARR
4	283-83	2	Pin-Clevis
5	110-8971	1	Latch
6	3290-307	3	Pin-Cotter
7	98-0917	2	Rod-Prop
8	145-2450	1	Cover-Seatbase
9	125-2122-03	1	Seat Base ASM
10	3272-11	2	Pin-Cotter
11	3256-24	4	Washer-Plain

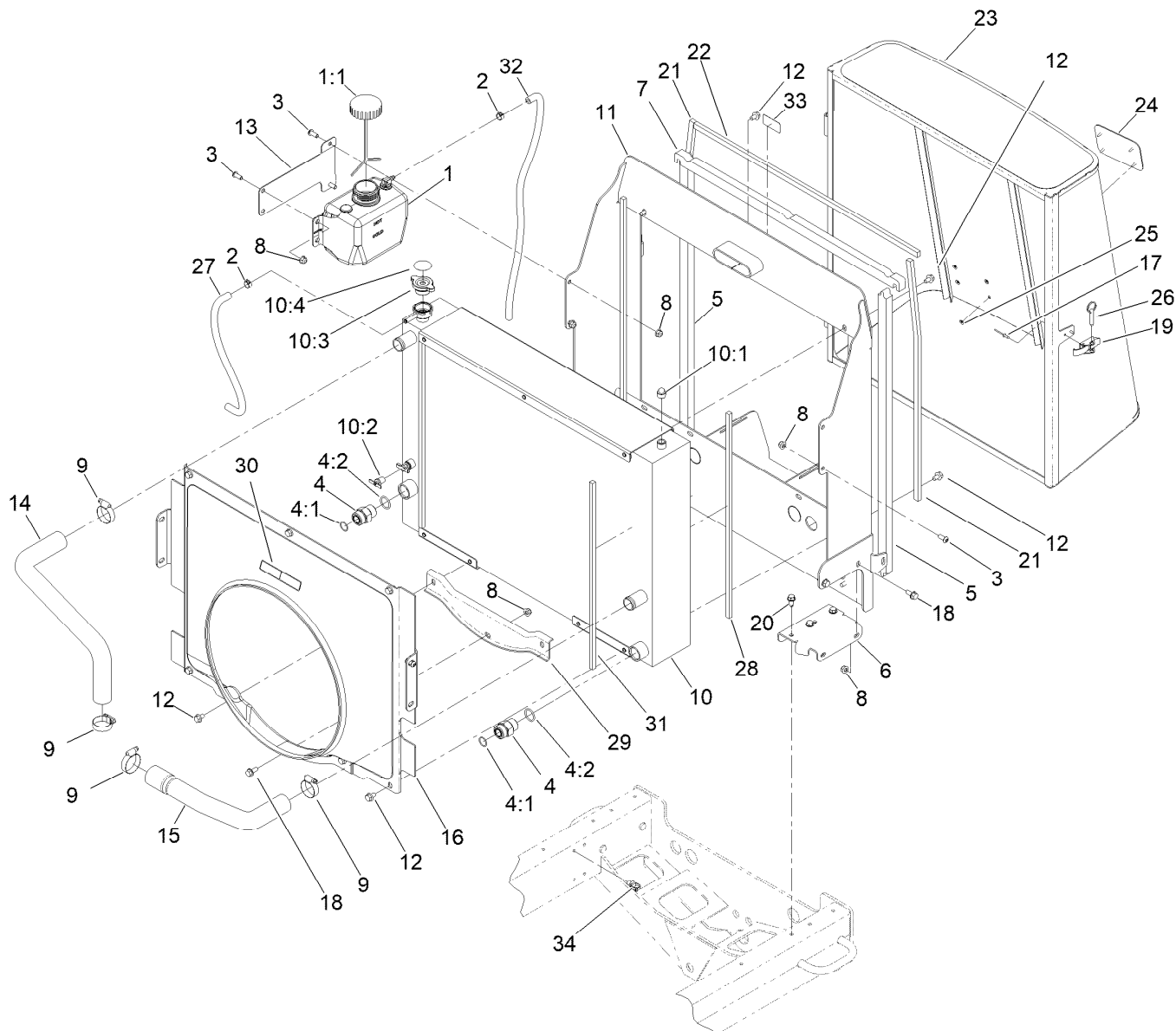
Ref.	Part Number	Qty.	Description
12	125-2121-03	1	Hinge-Seatbase
13	104-4821	1	Spring-Torsion
14	3272-6	1	Pin-Cotter
15	94-3829	1	Pin-Clevis
16	3256-2	1	Washer-Flat
17	240-12	1	Grommet-Rubber
18	145-2480-0P	1	Bracket-Harness
19	99-6810	2	Screw-HHF
20	104-7201	2	Nut-HF, NI
21	131-8388	1	Socket-USB
22	3272-4	1	Pin-Cotter



Hood Assembly

Ref.	Part Number	Qty.	Description
2	145-2456	1	Saddle-Hood
3	145-2539	1	Hood ASM (Rm5510D Service)
3:2	66-6140	2	Decal
3:3	106-6754	2	Decal-Danger
3:4	125-2929	2	Decal
3:5	121-1594	2	Decal-Smart Power
4	103-2897	2	Latch-Catch
5	103-2898	2	Latch-Rubber
6	125-8813-03	1	Tube-Frame, Hood
7	105-7512	2	Pin-Tie, Bow
9	108-1790-03	2	Tube
10	32104-17	12	Screw-HWH
11	3234-21	10	Screw-HHF
12	104-7201	12	Nut-HF, NI
13	32105-13	4	Screw-HWH
14	3256-14	4	Washer-Flat
15	3296-12	4	Nut-Lock, NI

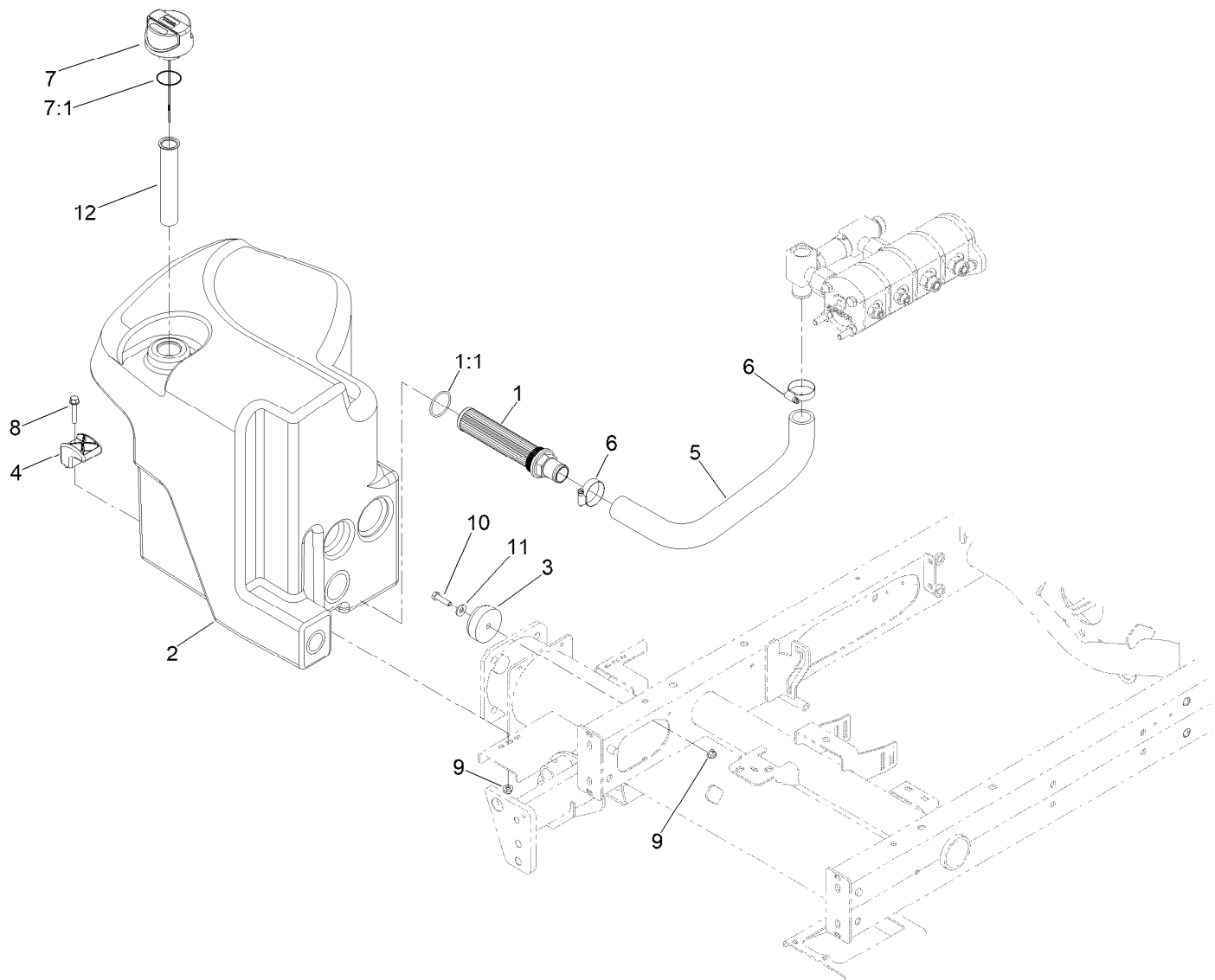
Ref.	Part Number	Qty.	Description
16	283-61	2	Pin-Yoke
17	107-8042	2	Bumper-Rubber
18	98-5398	1	Latch
18:1	3218-20	1	Nut-Jam
19	32104-32	6	Screw-HWH
20	104-1453	1	Grommet
22	99-4958	1	Spacer
23	110-0979-03	2	Bracket-Deflector
24	110-8946	2	Clamp-Frame, Radiator
25	3234-5	2	Screw-HHF
26	104-8300	6	Nut-HF, NI
27	3234-33	2	Screw-HHF
28	121-5627-03	2	Guide-Hood
29	110-5253-01	1	Adapter-Hood, LH
30	110-5256-01	2	Bracket-Latch, Hood
31	110-5254-01	1	Adapter-Hood, RH
32	3234-17	4	Screw-HHF



Radiator Assembly

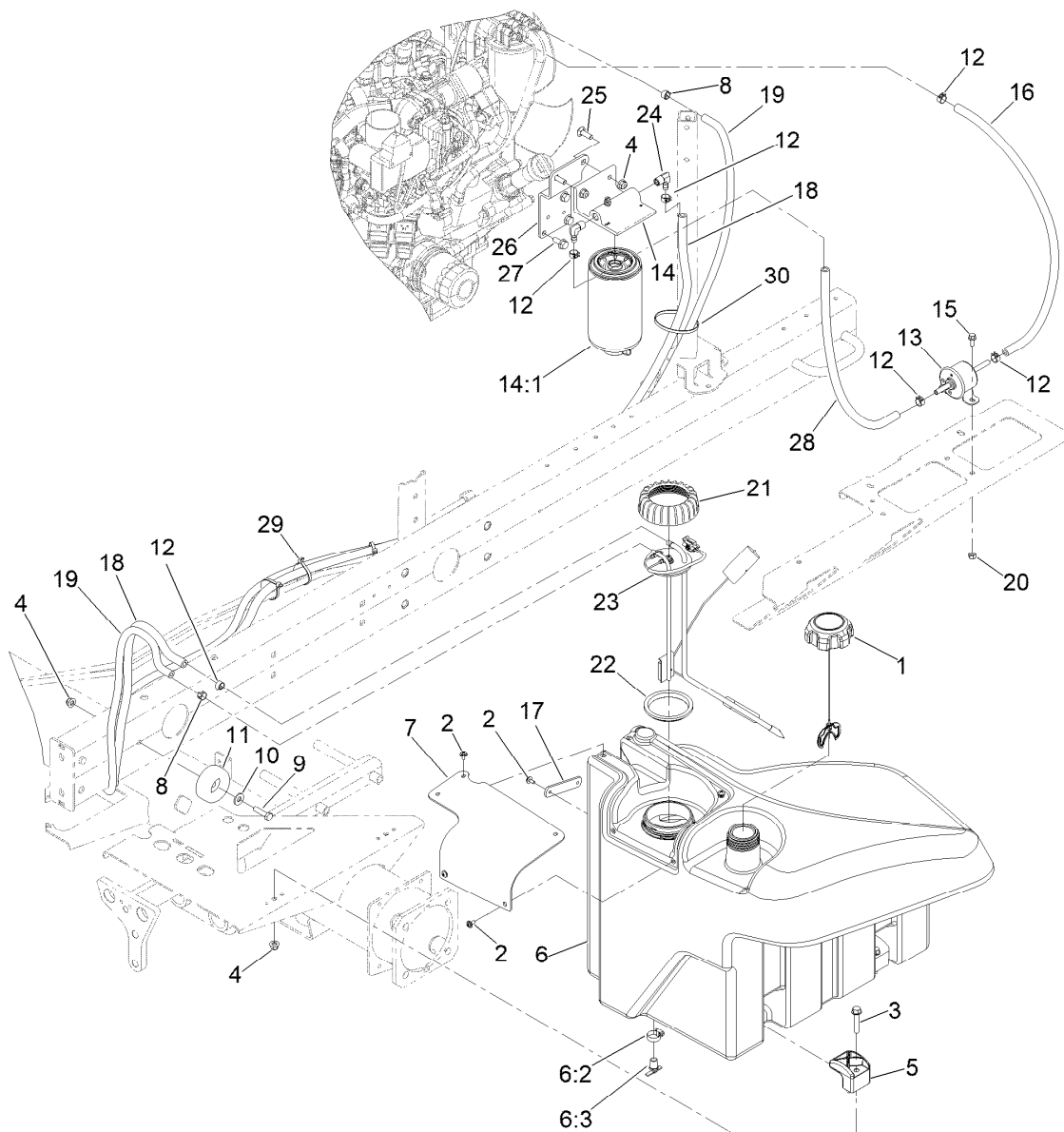
Ref.	Part Number	Qty.	Description
1	120-5573	1	Coolant Reservoir ASM
1:1	87-7050	1	Cap-Reservoir
2	92-2379	3	Clamp-Hose
3	3274-55	5	Screw-HSBH
4	340-9	2	Fitting-STR
4:1	237-58	1	O-Ring
4:2	237-81	1	O-Ring
5	121-5554	2	Seal-Foam
6	110-5310-0P	2	Bracket - Mounting
7	110-5276	2	Seal-Foam
8	104-8300	10	Nut-HF, NI
9	2412-3	4	Clamp-Hose
10	120-3840	1	Oil Cooler And Radiator ASM
10:1	281-13	1	Plug-Pipe
10:2	304-46	1	Draincock
10:3	93-5957	1	Cap-Radiator
10:4	106-6755	1	Decal-Cap, Radiator
11	120-3815-03	1	Frame-Radiator
12	3234-30	14	Screw-HHF
13	121-5568-0P	1	Bracket-Reservoir

Ref.	Part Number	Qty.	Description
14	133-2994	1	Hose-Formed
15	121-5558	1	Hose-Radiator, Lower
16	125-2904	1	Shroud-Fan, Diesel
17	3269-15	2	Rivet-Pop
18	3234-5	5	Screw-HHF
19	115-1554	1	Latch-Draw
20	32104-32	6	Screw-HWH
21	121-5575	2	Seal-Foam
22	121-5576	1	Seal-Foam
23	120-3844-03	1	Screen
24	93-6028	1	Plate-Logo
25	138-6996	4	Nut-Push
26	115-1556	1	Pin-Ball, Detent
27	110-8752	1	Hose-Fuel
28	110-0969	2	Seal-Foam
29	125-2905	1	Cap-Shroud, Diesel
30	93-7272	1	Decal-Warning
31	125-8767	2	Seal-Foam
32	110-3257	1	Hose-Fuel
33	137-8127	1	Decal-No Spray
34	32180-030	1	Clip-Tie



Hydraulic Tank Assembly

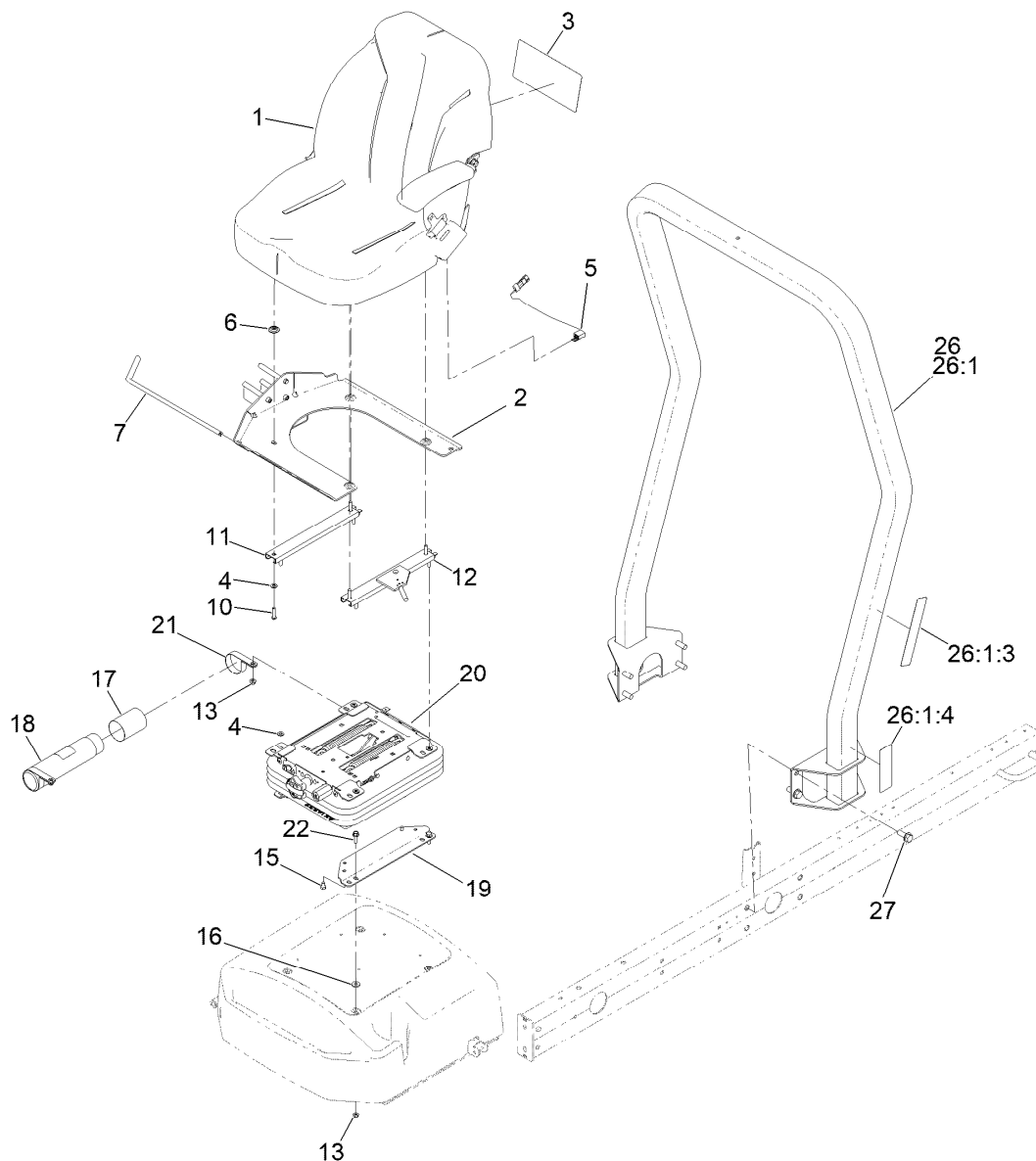
Ref.	Part Number	Qty.	Description
1	145-2463	1	Strainer-Tank, Hydraulic
1:1	340-136	1	O-Ring
2	145-2487	1	Tank-Hydraulic
3	108-1605	1	Bumper-Recess
4	107-4543	2	Clamp
5	144-2076	1	Hose-Suction
6	2412-3	2	Clamp-Hose
7	117-0193	1	Cap-Hydraulic, Vented Breather
7:1	237-101	1	O-Ring
8	94-5780	2	Screw-HWH
9	104-8300	3	Nut-HF, NI
10	322-6	1	Screw-HH
11	3256-3	1	Washer-Flat
12	61-2790	1	Filter-Screen



Fuel System Assembly

Ref.	Part Number	Qty.	Description
1	125-9173	1	Cap-Fuel, Diesel, Ultra Low Sulfur
2	109-2661	7	Screw-PPH
3	94-5780	2	Screw-HWH
4	104-8300	5	Nut-HF, NI
5	107-4543	2	Clamp
6	125-2907	1	Fuel Tank ASM
6:2	2412-36	1	Clamp-Hose
6:3	304-46	1	Draincock
7	125-2903	1	Cover-Pump/Sender
8	2412-98	1	Clamp-Hose
9	322-6	1	Screw-HH
10	3256-3	1	Washer-Flat
11	108-1605	1	Bumper-Recess
12	92-2379	7	Clamp-Hose
13	121-5613	1	Pump-Fuel, Electric
14	125-2914	1	Filter-Separator

Ref.	Part Number	Qty.	Description
14:1	125-2915	1	Filter-Fuel/Water Separator
15	3234-33	2	Screw-HHF
16	109-0308	1	Hose-Fuel
17	125-2945	1	Strap-Cable
18	161-8378	1	Hose-Fuel
19	161-8380	1	Hose-Fuel
20	3296-42	2	Nut-Lock, NI
21	140-6245	1	Cap-Pump, Fuel
22	140-6246	1	Gasket-Pump, Fuel,
23	121-5642	1	Sender-Fuel
24	353-781	2	Fitting-HYD, 90
25	3230-22	2	Screw-CARR
26	120-6299-0P	1	Bracket-Separator
27	33104-020	3	Screw-HHF
28	109-0274	1	Hose-Fuel
29	3290-378	4	Tie-Cable
30	3290-379	1	Tie-Cable

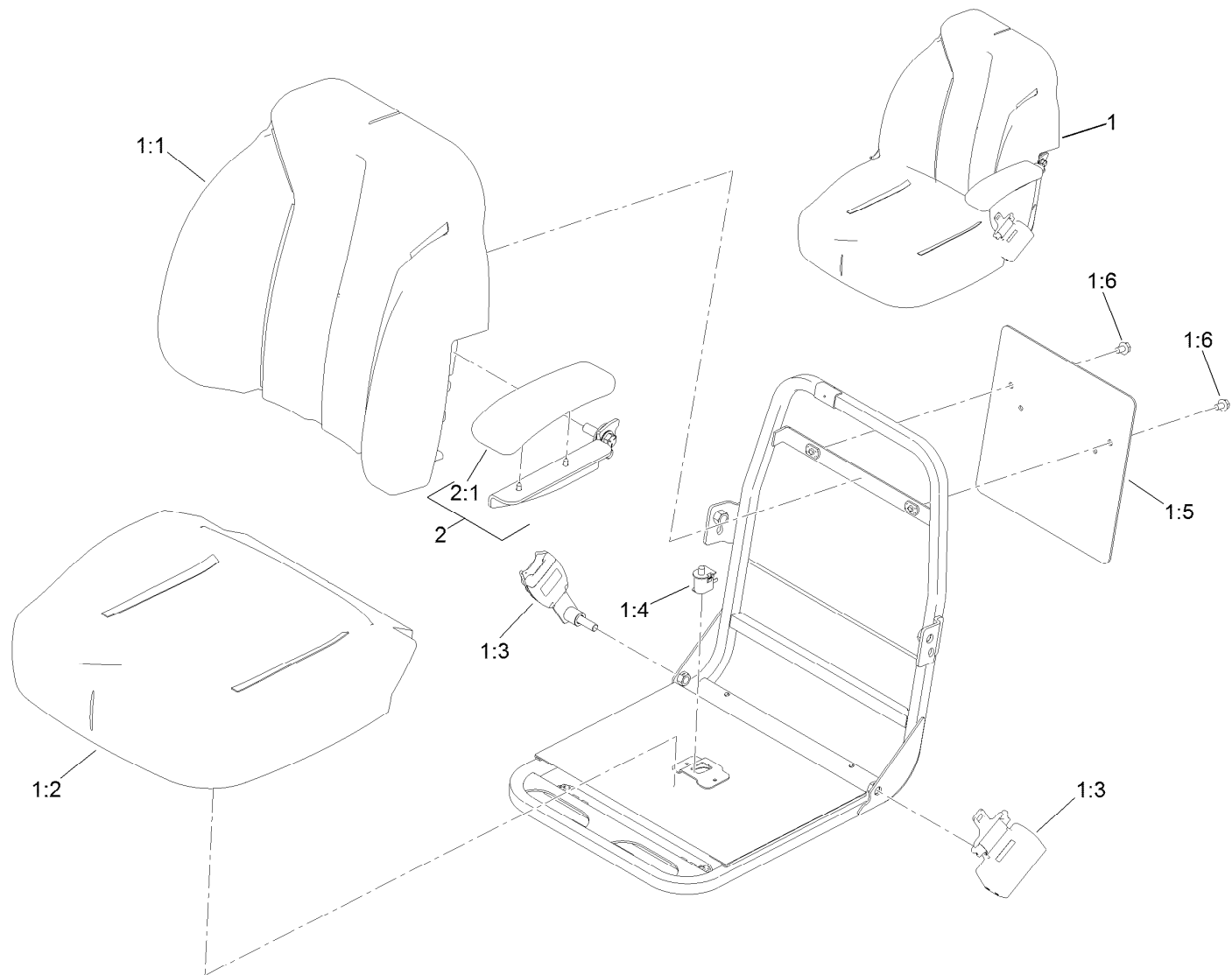


Seat and Roll-Over Protection System Assembly

Ref.	Part Number	Qty.	Description
1	139-2700	1	Seat ASM
2	138-6985-03	1	Mount-Seat
3	145-2573	1	Decal-Service
4	3256-23	8	Washer-Plain
5	108-8657	1	Harness-Wire, Seat
6	136-9002	4	Spacer-Mounting
7	130-7100	1	Trim-Seatbase
10	3290-511	4	Screw-HSBH
11	92-8990	1	Adjuster-Seat, Non-Locking
12	92-8991	1	Adjuster (W/Latch)
13	104-8300	8	Nut-HF, NI
15	48-7680	4	Screw-HH

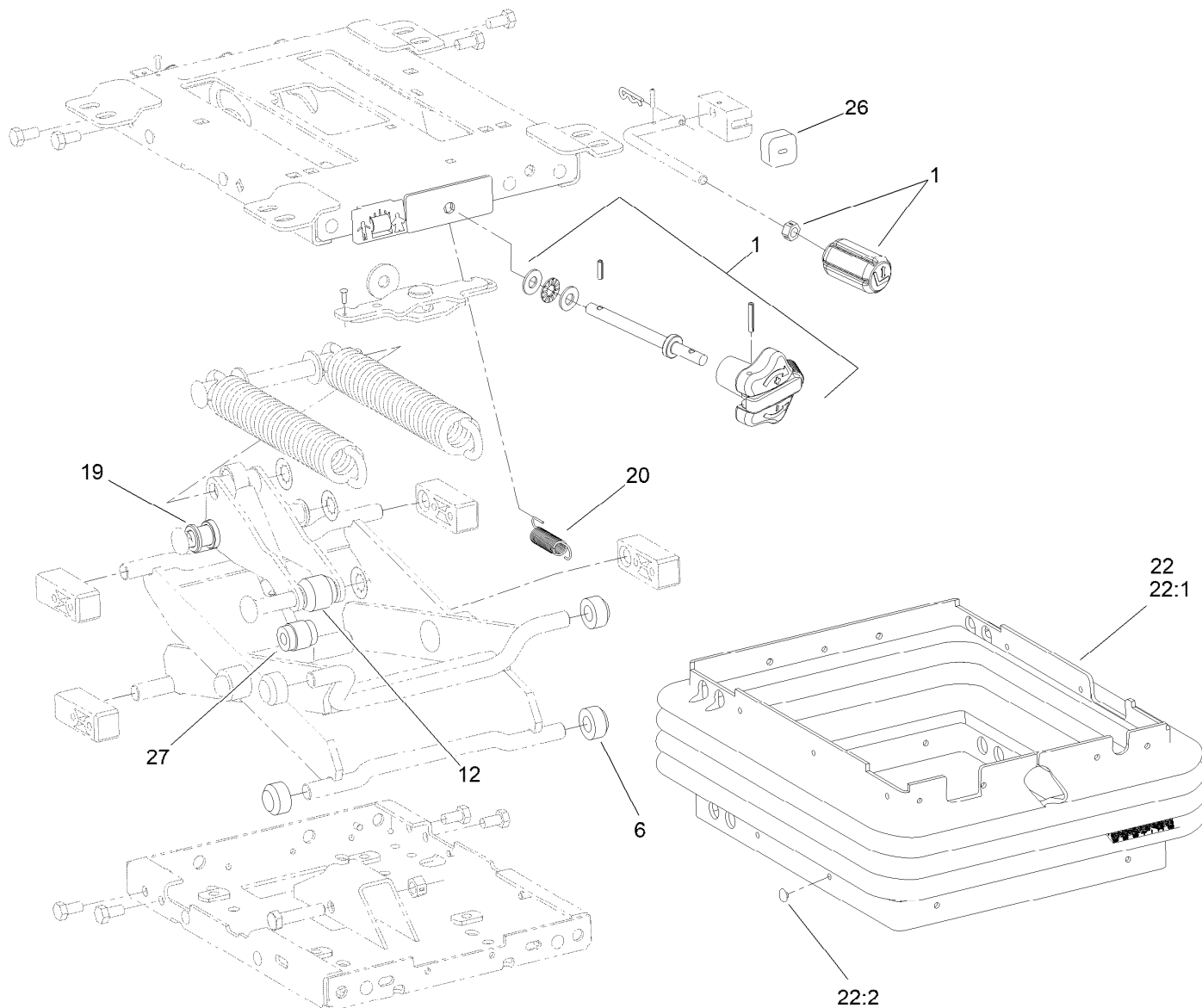
Ref.	Part Number	Qty.	Description
16	71-9310	4	Spacer
17	104-7048	1	Cap-Housing
18	104-7050	1	Tube-Manual
19	108-6590-0P	2	Bracket-Seat, Lower
20	145-5295	1	Suspension ASM
21	2412-133	2	Clamp-R
22	3234-17	4	Screw-HHF
26	136-7954	1	ROPS ASM
26:1		1	ROPS ASM ●
26:1:3	136-3702	1	Decal-Safety, ROPS
26:1:4	136-2159	1	Decal-Seat Service
27	3234-38	8	Screw-HHF

● Not serviced separately



Seat Assembly No. 139-2700

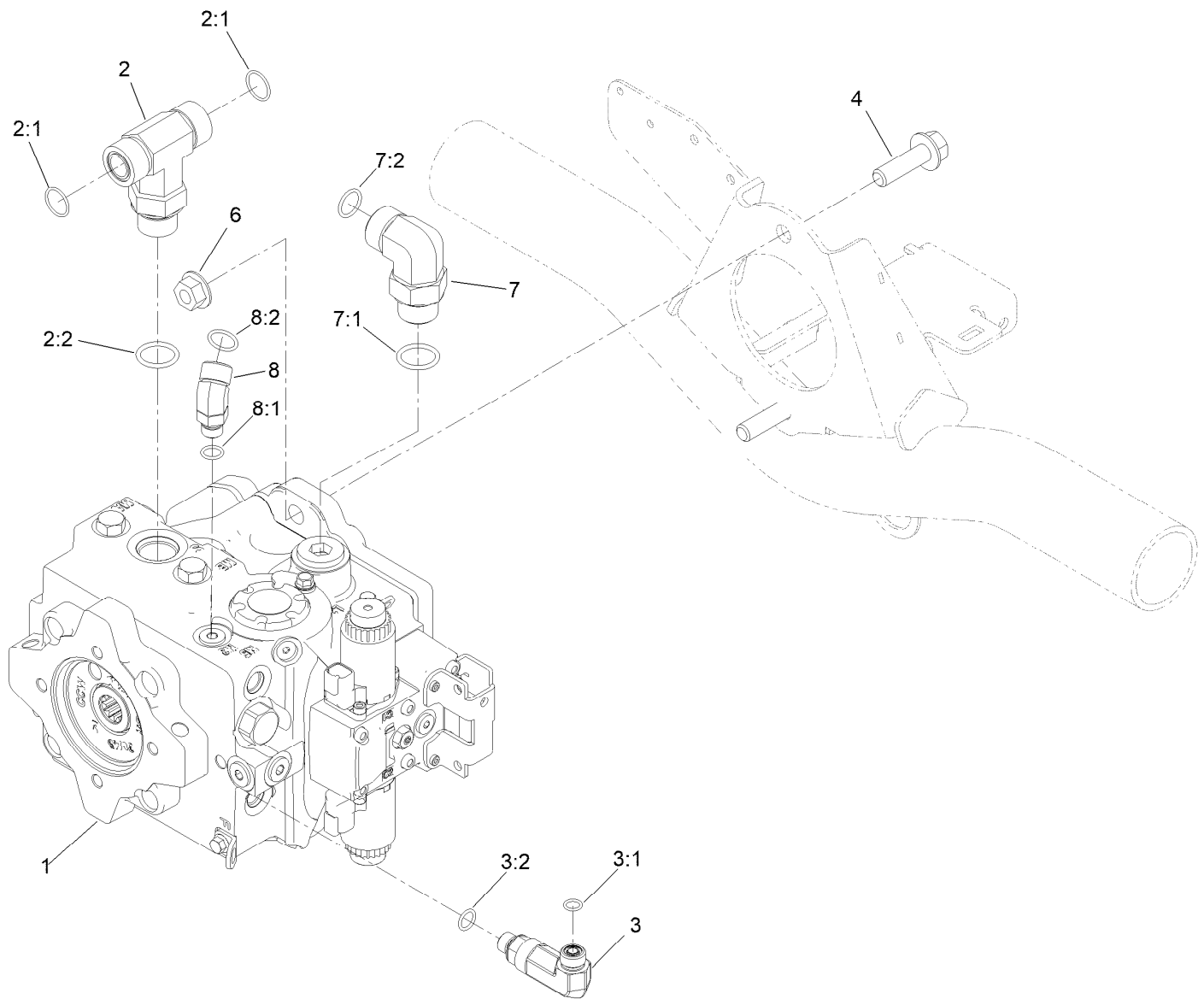
Ref.	Part Number	Qty.	Description
1	139-2680	1	Seat ASM
1:1	145-0083	1	Cover-Seat, Back
1:2	145-0084	1	Cover-Seat, Bottom
1:3	139-2707	1	Seat Belt Kit
1:4	82-2190	1	Switch-Bail
1:5	139-2701	1	Plate-Decal
1:6	3234-30	2	Screw-HHF
2	121-3660	1	LH Arm Rest Kit
2:1	110-4163	1	Cushion-Rest, Arm



Mechanical Seat Suspension Assembly No. 145-5295

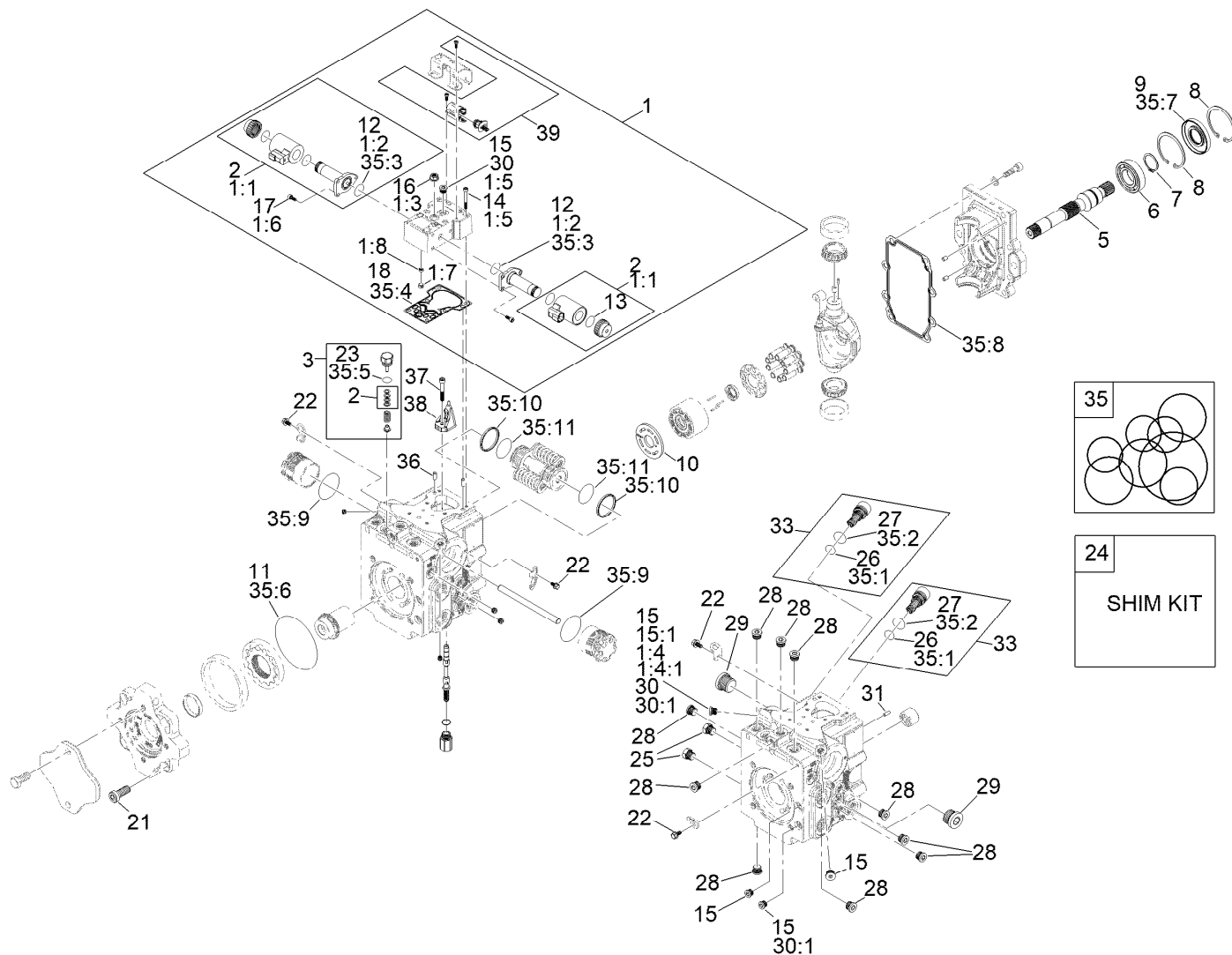
Ref.	Part Number	Qty.	Description
1	145-5296	1	Knob Service Kit
6	108-9632	4	Roller
12	145-5297	1	Roller-Plastic, 36MM
19	108-9622	2	Tube
20	108-9633	1	Spring-Extension
22	112-0164	1	Boot Kit
22:1		1	Boot-Suspension ●
22:2	108-9641	21	Clip-Plug
26	108-9634	1	Bumper
27	108-9614	1	Damper

● Not serviced separately



Traction Pump Mounting Assembly

Ref.	Part Number	Qty.	Description
1	144-2060	1	Pump-Hydraulic
2	104-4836	1	Fitting-Tee
2:1	237-58	2	O-Ring
2:2	237-81	1	O-Ring
3	145-2645	1	Fitting-Elbow 90 Long
3:1	237-22	1	O-Ring
3:2	237-42	1	O-Ring
4	130-6481	2	Screw-HHF
6	32128-49	2	Nut-HHF
7	340-142	1	Fitting-Elbow, 90 DEG
7:1	237-58	1	O-Ring
7:2	237-81	1	O-Ring
8	340-96	1	Adapter
8:1	237-30	1	O-Ring
8:2	237-42	1	O-Ring



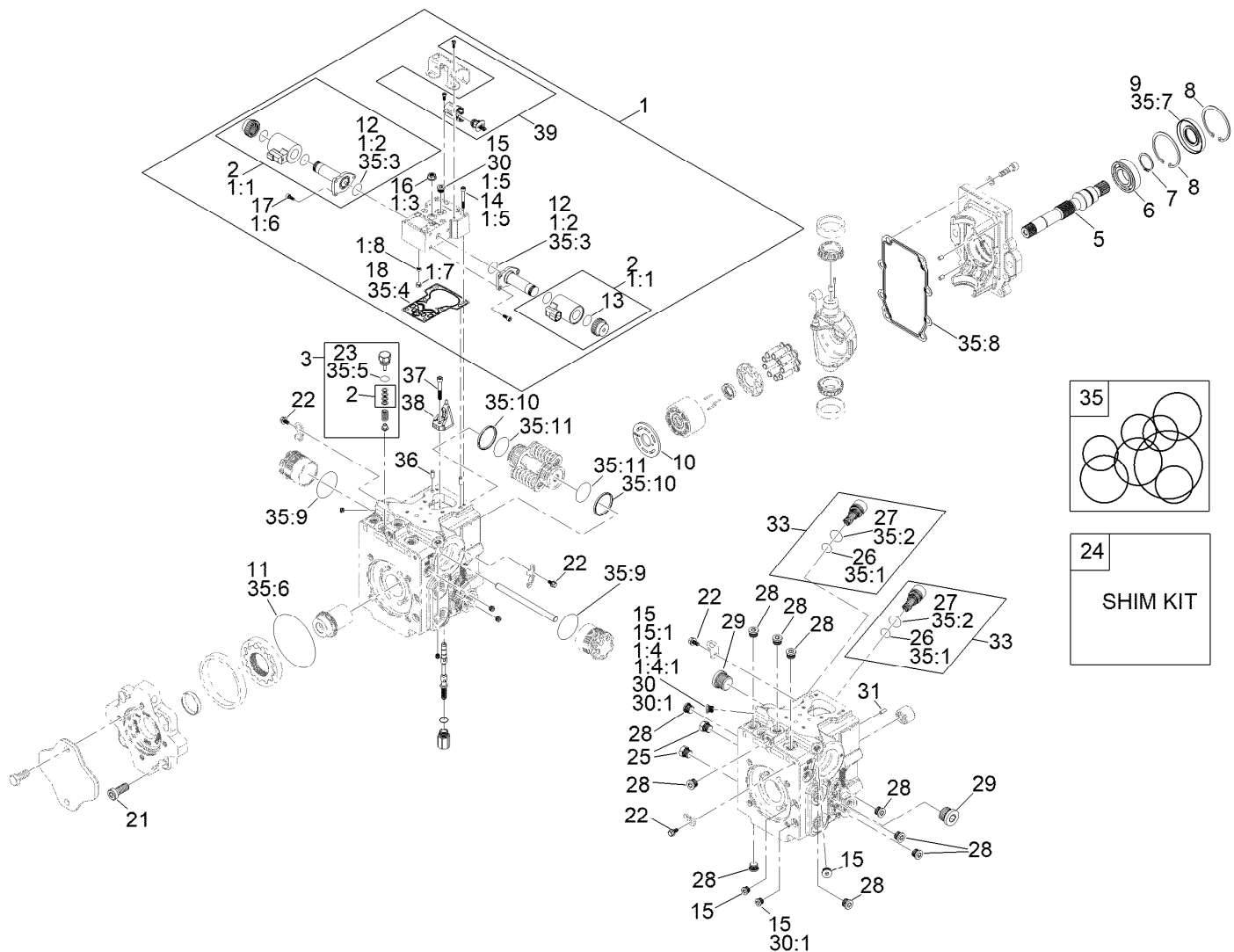
Hydraulic Pump Assembly No. 144-2060

Ref.	Part Number	Qty.	Description
1	136-3209	1	Control Kit (12 Volt)
1:1	132-6204	2	Coil Kit
1:2	125-5288	2	O-Ring
1:3	125-5273	1	Nut-Seal
1:4	75-0170	1	Plug-Thread, Straight
1:4:1	92-8777	1	O-Ring
1:5	125-5274	6	Screw
1:6	125-5272	6	Screw
1:7	136-3213	1	Gasket-Control
1:8	136-3218	1	Sensor Kit
2	125-5294	2	Coil Kit
3	161-7203	1	Charge Relief Valve
5	139-4811	1	Shaft-13Tooth
6	139-4820	1	Bearing-Ball
7	139-4806	1	Ring-Retaining
8	139-4831	2	Ring-Retaining
9	161-7202	1	Oil Seal-Black
10	139-4813	1	Plate-Valve

Ref.	Part Number	Qty.	Description
11	161-7206	1	O-Ring As568-244 Nbr90
12	125-5288	2	O-Ring
13	131-7388	2	O-Ring
14	125-5274	6	Screw
15	75-0170	4	Plug-Thread, Straight
15:1	92-8777	1	O-Ring
16	161-7200	1	Nut-Hex Seal
17	125-5272	6	Screw
18	125-5283	1	Gasket-Control
21	125-5282	4	Screw
22	125-5270	4	Screw
23	125-5298	1	O-Ring
24	92-1353	1	Shim Kit
25	136-1026	1	Plug ASM
26	75-0240	2	O-Ring
27	84-0560	2	O-Ring
28	69-3080	10	Plug
29	69-3130	1	Plug

● Not illustrated

■ Not serviced separately

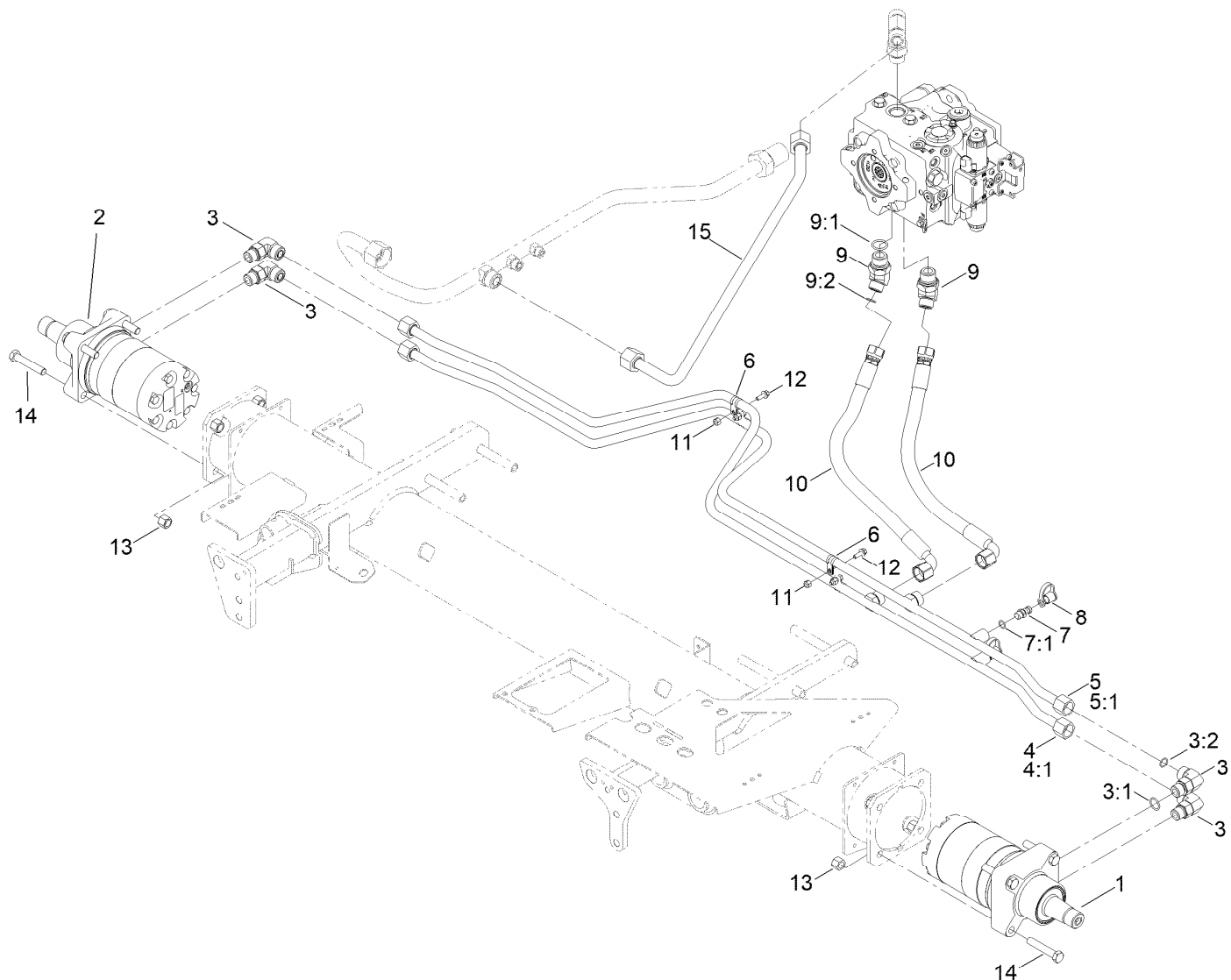


Hydraulic Pump Assembly No. 144-2060 (continued)

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
30	75-0170	4	Plug-Thread, Straight	35:6	132-6206	1	O-Ring
30:1	92-8777	1	O-Ring	35:7	127-6214	1	Seal-Lip
31	75-0510	1	Pin	35:8		1	Gasket ■
33	161-7204	1	Valve-Scr Assembly 260 Bar (3770 PSI)	35:9		2	O-Ring ■
35	132-6205	1	Overhaul Seal Kit	35:10		2	Piston Ring ■
35:1	75-0240	2	O-Ring	35:11		2	O-Ring ■
35:2	84-0560	2	O-Ring	36	136-3215	2	Pin
35:3	125-5288	2	O-Ring	37	136-3216	1	Screw, M6 X 35
35:4	125-5283	1	Gasket-Control	38	136-3217	1	Link - Swashplate Feedback
35:5	125-5298	1	O-Ring	39	136-3218	1	Sensor Kit ●

● Not illustrated

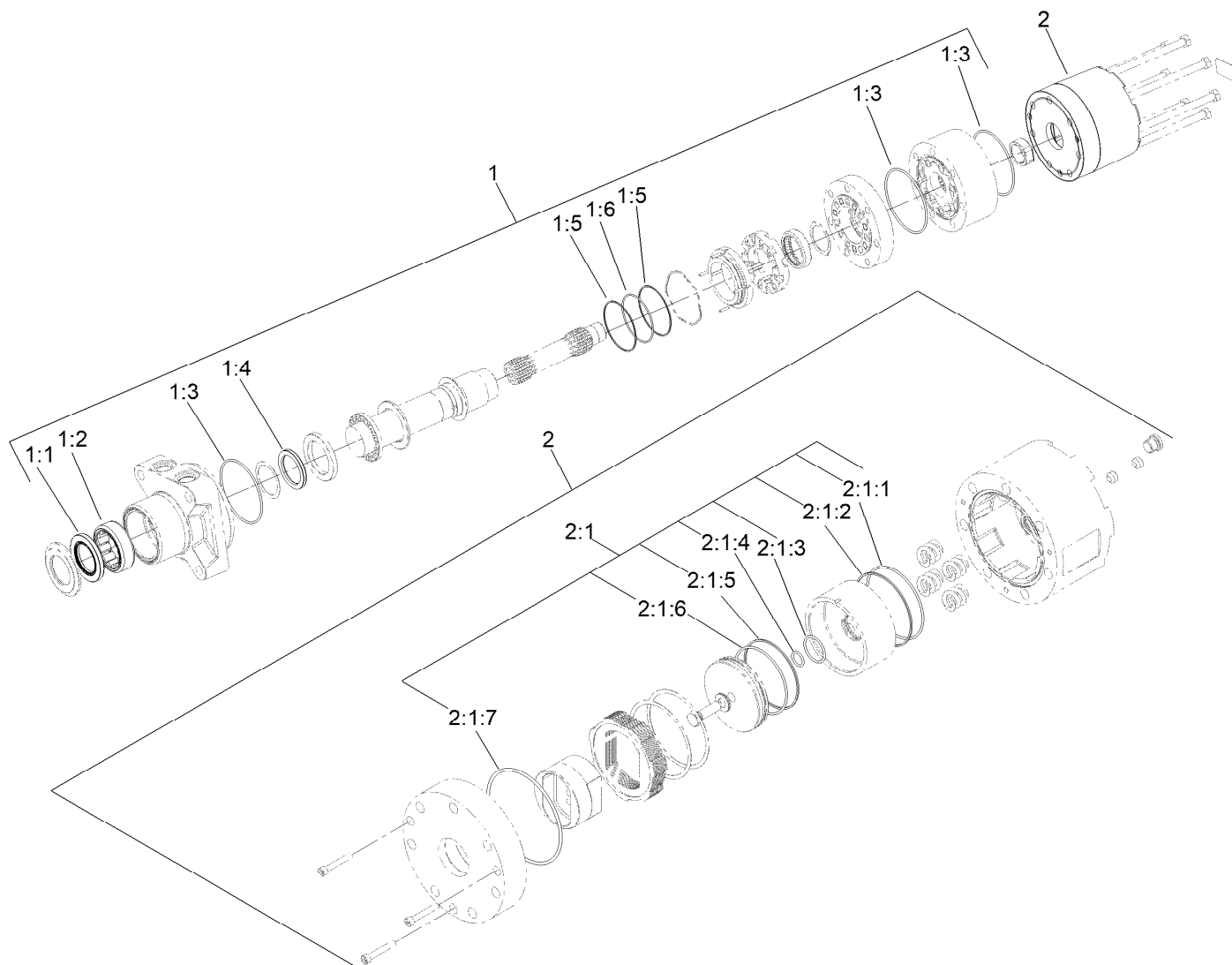
■ Not serviced separately



Traction Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	163-3542	1	Hydraulic Motor ASM
2	163-3543	1	Hydraulic Motor ASM
3	340-17	4	Fitting-Elbow, 90 DEG
3:1	237-65	1	O-Ring
3:2	237-80	1	O-Ring
4	108-7632	1	Hydraulic Tube ASM
4:1	237-65	1	O-Ring
5	108-7633	1	Tube ASM
5:1	237-65	1	O-Ring
6	2412-134	4	Clamp-R
7	59-7410	2	Fitting-Diagnostic

Ref.	Part Number	Qty.	Description
7:1	237-42	1	O-Ring
8	354-79	2	Cap-Dust
9	340-156	2	Fitting-Elbow 45
9:1	237-65	1	O-Ring
9:2	237-81	1	O-Ring
10	108-1679	2	Hose-HYD
11	3296-42	4	Nut-Lock, NI
12	3234-4	4	Screw-HHF
13	3296-23	8	Nut-Lock, NI
14	325-11	8	Screw-HH
15	145-2560	1	Hydraulic Tube ASM

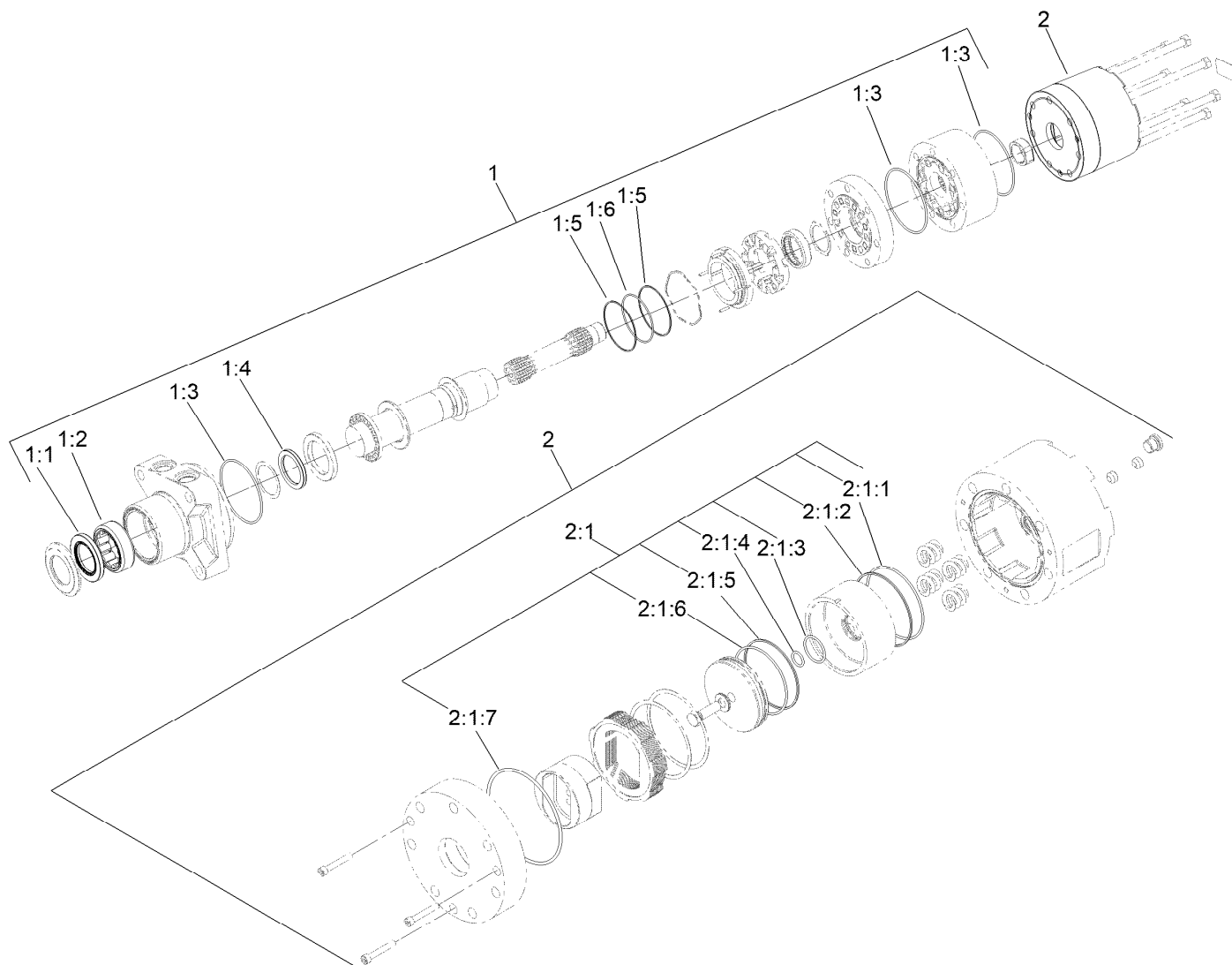


Hydraulic Motor Assembly No. 163-3543

Ref.	Part Number	Qty.	Description
1	161-7208	1	Seal Kit
1:1	161-7209	1	Seal, Grease
1:2	161-7210	1	Shell, Bearing
1:3	161-7211	3	O-Ring
1:4	161-7212	1	Shaft Seal (HP)
1:5	161-7213	2	Back-Up Ring
1:6	161-7214	1	O-Ring
2	163-2617	1	Brake Housing ASM
2:1	163-2627	1	Seal Kit-Brake ASM

Ref.	Part Number	Qty.	Description
2:1:1	161-8367	1	O-Ring
2:1:2	161-8368	1	Backup Ring
2:1:3	161-8369	1	O-Ring
2:1:4	161-8370	1	O-Ring
2:1:5	161-8371	1	Backup Ring
2:1:6	161-8372	1	O-Ring
2:1:7	161-7211	1	O-Ring
2:1:8	161-8373	1	O-Ring ●

● Not illustrated

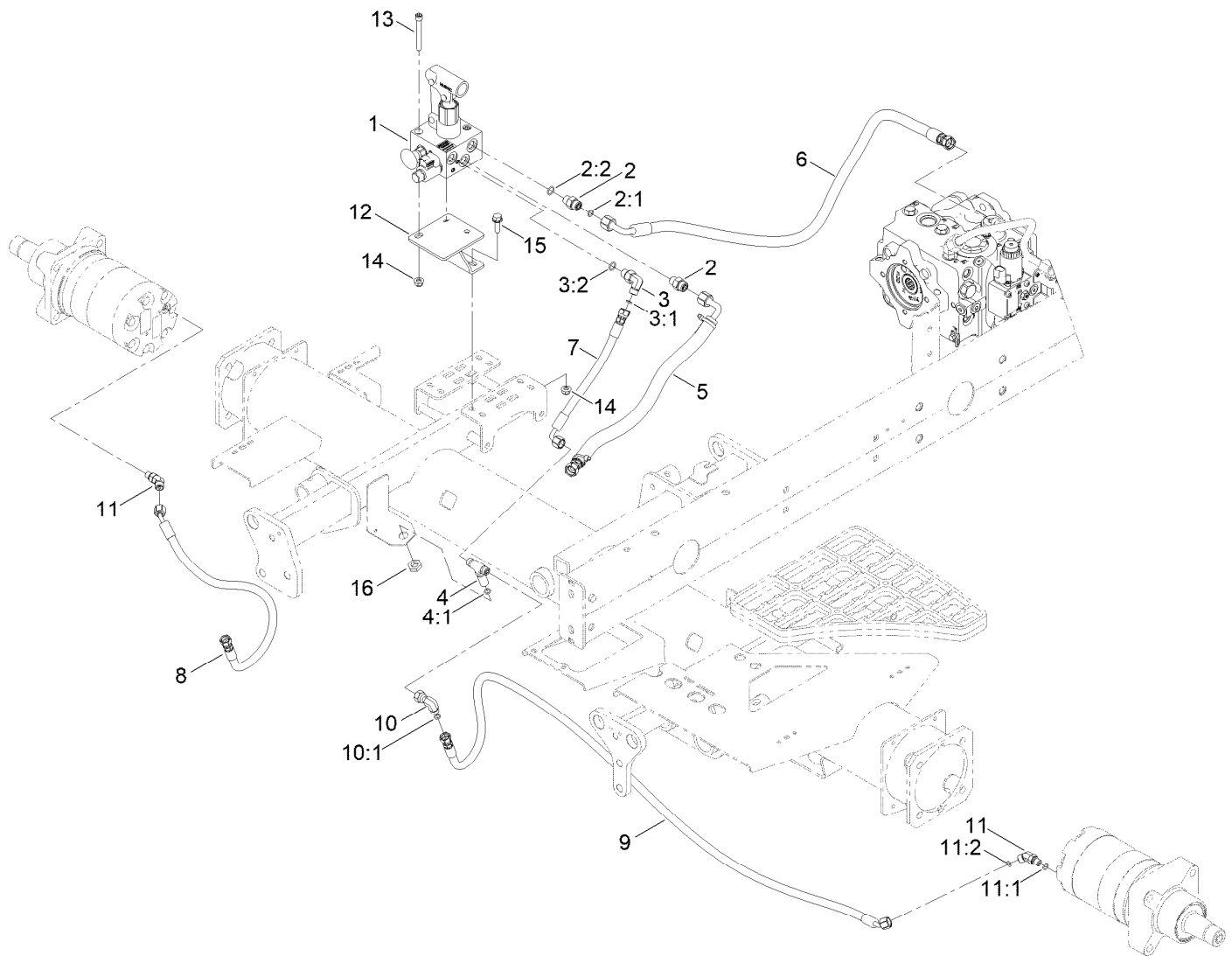


Hydraulic Motor Assembly No. 163-3542

Ref.	Part Number	Qty.	Description
1	161-7208	1	Seal Kit
1:1	161-7209	1	Seal, Grease
1:2	161-7210	1	Shell, Bearing
1:3	161-7211	3	O-Ring
1:4	161-7212	1	Shaft Seal (HP)
1:5	161-7213	2	Back-Up Ring
1:6	161-7214	1	O-Ring
2	163-2617	1	Brake Housing ASM
2:1	163-2627	1	Seal Kit-Brake ASM

Ref.	Part Number	Qty.	Description
2:1:1	161-8367	1	O-Ring
2:1:2	161-8368	1	Backup Ring
2:1:3	161-8369	1	O-Ring
2:1:4	161-8370	1	O-Ring
2:1:5	161-8371	1	Backup Ring
2:1:6	161-8372	1	O-Ring
2:1:7	161-7211	1	O-Ring
2:1:8	161-8373	1	O-Ring ●

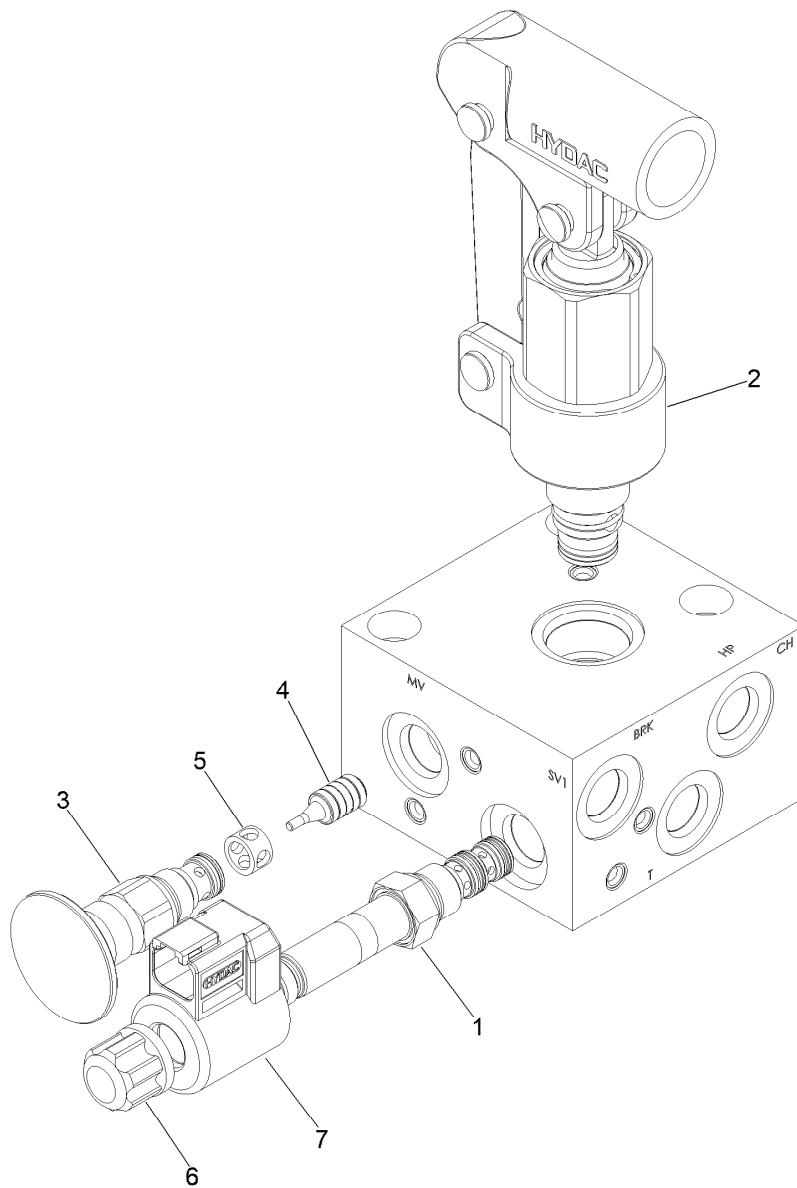
● Not illustrated



Hydraulic Brake Assembly

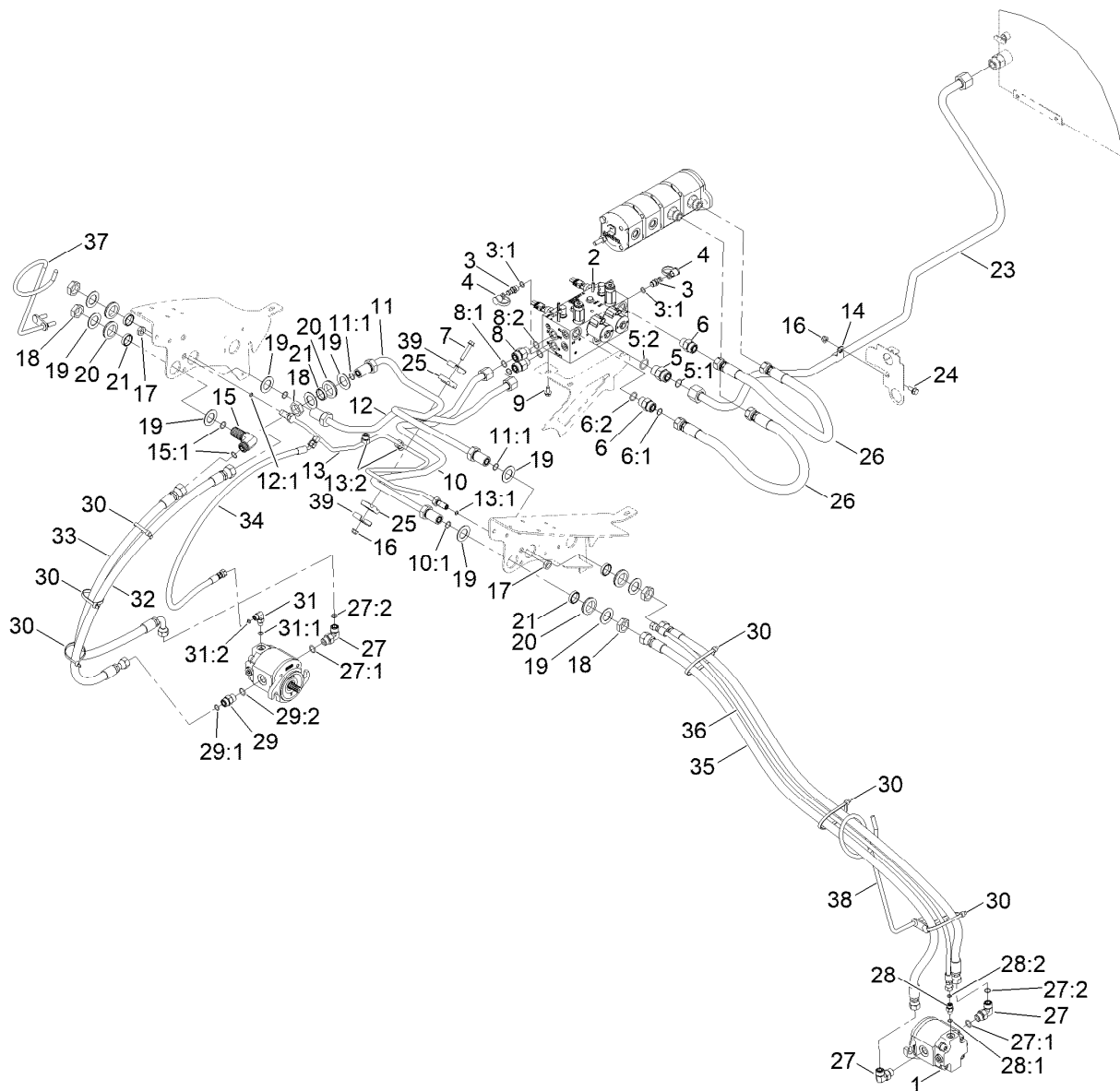
Ref.	Part Number	Qty.	Description
1	139-6046	1	Manifold-Brake Release
2	340-2	2	Fitting-Straight
2:1	237-22	1	O-Ring
2:2	237-42	1	O-Ring
3	340-82	1	Fitting-Elbow, 90 DEG
3:1	237-42	1	O-Ring
3:2	237-21	1	O-Ring
4	140-7452	1	Fitting-Tee, Bulkhead
4:1	237-21	3	O-Ring
5	163-3508	1	Hose ASM-HYD
6	145-2455	1	Hose ASM-Hydraulic
7	121-4455	1	Hose-HYD
8	145-2599	1	Hose ASM-HYD HP

Ref.	Part Number	Qty.	Description
9	115-2029	1	HYD Hose ASM
10	92-2745	1	Elbow-90
10:1	237-21	1	O-Ring
11	340-103	2	Fitting-HYD, 45 DEG
11:1	237-78	1	O-Ring
11:2	237-21	1	O-Ring
12	145-2459-03	1	Mount - Brake Release [black]
13	3274-40	3	Screw-HSH
14	104-8300	5	Nut-HF, NI
15	3234-29	2	Screw-HHF
16	340-78	1	Nut-Lock



Brake Release Manifold Assembly No. 139-6046

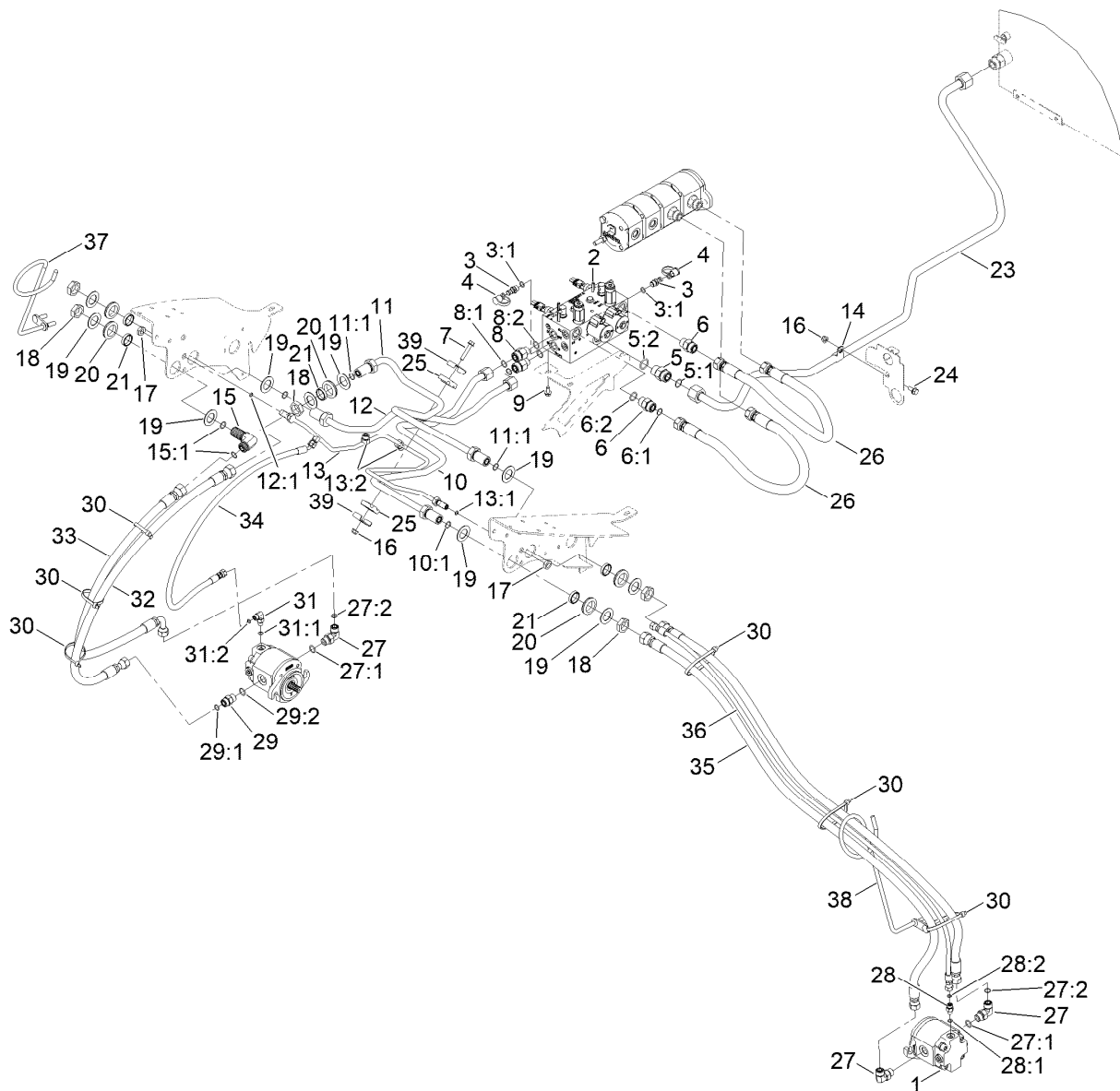
Ref.	Part Number	Qty.	Description
1	145-2563	1	Directional Valve, 3W/2P
2	145-2564	1	Hand Pump
3	145-2565	1	Manual Valve, N.O.
4	145-2566	1	Pilot Piston Assy, Rvs06
5	145-2567	1	Spacer
6	145-2569	1	Coil Nut, Tall (06 Valves)
S1	145-2568	1	Coil 12Dn01-32-1329



No. 1, 4 and 5 Reel Drive Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	120-6272	3	HYD Motor ASM
2	121-5628	1	Hydraulic Manifold ASM
3	59-7410	2	Fitting-Diagnostic
3:1	237-42	1	O-Ring
4	354-79	2	Cap-Dust
5	340-9	1	Fitting-STR
5:1	237-58	1	O-Ring
5:2	237-81	1	O-Ring
6	340-7	2	Fitting-Straight
6:1	237-65	1	O-Ring
6:2	237-80	1	O-Ring
7	94-5780	1	Screw-HWH
8	340-155	2	Fitting-Straight
8:1	237-79	1	O-Ring
8:2	237-151	1	O-Ring
9	3234-14	3	Screw-HHF
10	145-2530	1	Hydraulic Tube ASM
10:1	237-65	1	O-Ring
11	117-0137	1	Tube ASM
11:1	237-65	2	O-Ring
12	145-2529	1	Hydraulic Tube ASM

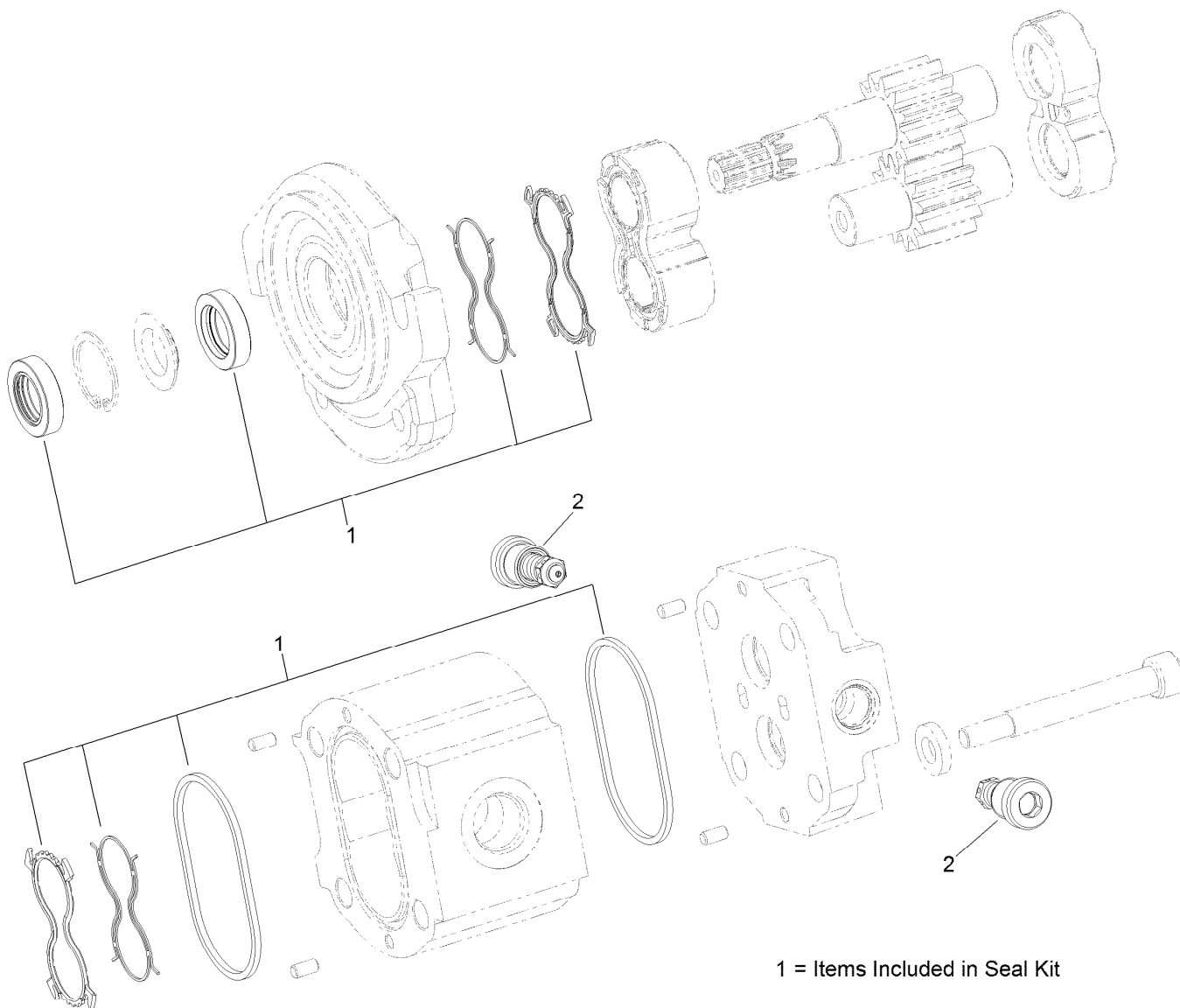
Ref.	Part Number	Qty.	Description
12:1	237-65	1	O-Ring
13	163-3513	1	Hydraulic Tube ASM
13:1	237-22	2	O-Ring
13:2	237-21	3	O-Ring
14	2412-4	1	Clamp-R
15	340-72	1	Fitting-Bulkhead, 90 DEG
15:1	237-65	2	O-Ring
16	104-8300	2	Nut-HF, NI
17	340-78	2	Nut-Lock
18	340-74	5	Nut-Lock, Bulkhead
19	69-9010	10	Washer
20	240-3	5	Grommet-Rubber
21	125-1984	5	Spacer
23	120-3769	1	Hydraulic Tube ASM
24	3234-5	1	Screw-HHF
25	56-7970	2	Clamp-Tube
26	108-1686	2	Hose-HYD
27	340-98	5	Fitting-Elbow, 90 DEG
27:1	237-79	1	O-Ring
27:2	237-30	1	O-Ring
28	340-92	2	Fitting-Straight



No. 1, 4 and 5 Reel Drive Hydraulic Assembly (continued)

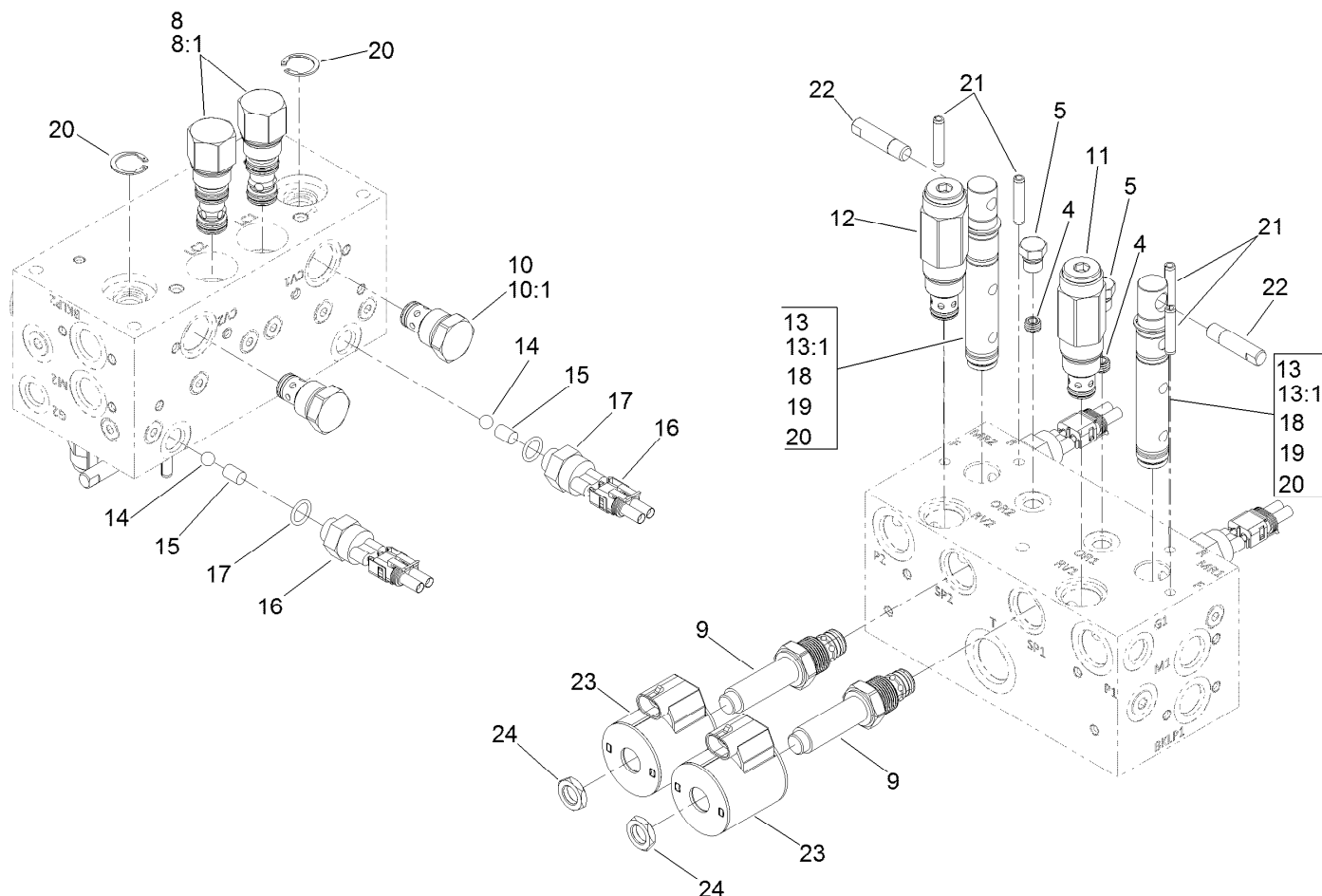
Ref.	Part Number	Qty.	Description
28:1	237-78	1	O-Ring
28:2	237-21	1	O-Ring
29	340-4	1	Fitting-Straight
29:1	237-30	1	O-Ring
29:2	237-79	1	O-Ring
30	3334-945	9	Tie-Cable
31	340-132	1	Fitting-Elbow, 90 DEG
31:1	237-78	1	O-Ring
31:2	237-21	1	O-Ring

Ref.	Part Number	Qty.	Description
32	114-0633	1	Hose-HYD
33	117-5190	1	Hose-HYD
34	140-7456	1	Hose ASM
35	117-5188	4	Hose-HYD
36	106-3680	2	Hose-HYD
37	139-5995	1	Guide-Hose, RH
38	139-5996	1	Hose Guide ASM-LH
39	119-1419	2	Plate-Clamp



Hydraulic Gear Motor Assembly No. 120-6272

Ref.	Part Number	Qty.	Description
1	145-2786	1	Seal Kit
2	117-5107	1	Valve-Check

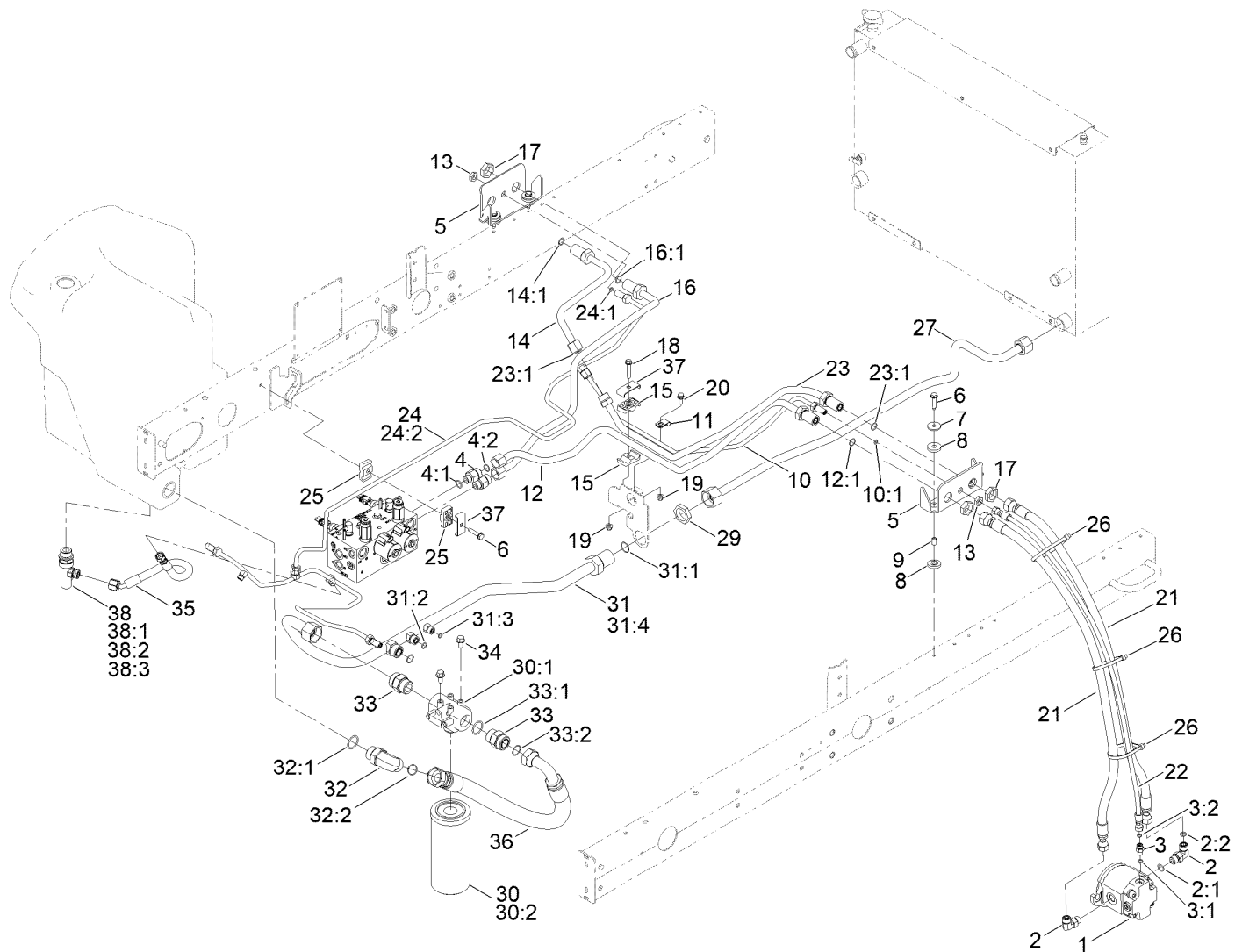


Manifold Assembly No. 121-5628

Ref.	Part Number	Qty.	Description
4	110-8883	1	Plug-Orifice (0.040)
5	117-0115	1	Plug
8	120-1693	2	Compensator-Pressure
8:1	119-2159	1	Seal Kit
9	138-6961	2	Valve-Proportional, NC
10	110-8881	2	Valve-Check
10:1	105-9159	1	Seal Kit ●
11	138-6962	1	Valve-Relief, 2500 PSI
12	138-6963	1	Valve-Relief, 3500 PSI
13	117-0108	2	Spool-Rotary
13:1	117-0109	1	Seal Kit

Ref.	Part Number	Qty.	Description
14	117-4605	2	Ball-SS
15	120-1650	2	Pin
16	72-4310	2	Switch-Ball
17	110-8757	2	O-Ring
18	117-4606	6	O-Ring
19	112-6534	4	Ring-Back Up
20	112-6532	4	Ring-Retaining
21	112-6531	4	Pin-Spring
22	110-8758	2	Handle-Spool
23	110-6344	2	Coil-12V, DC
24	110-2634	2	Nut-Coil

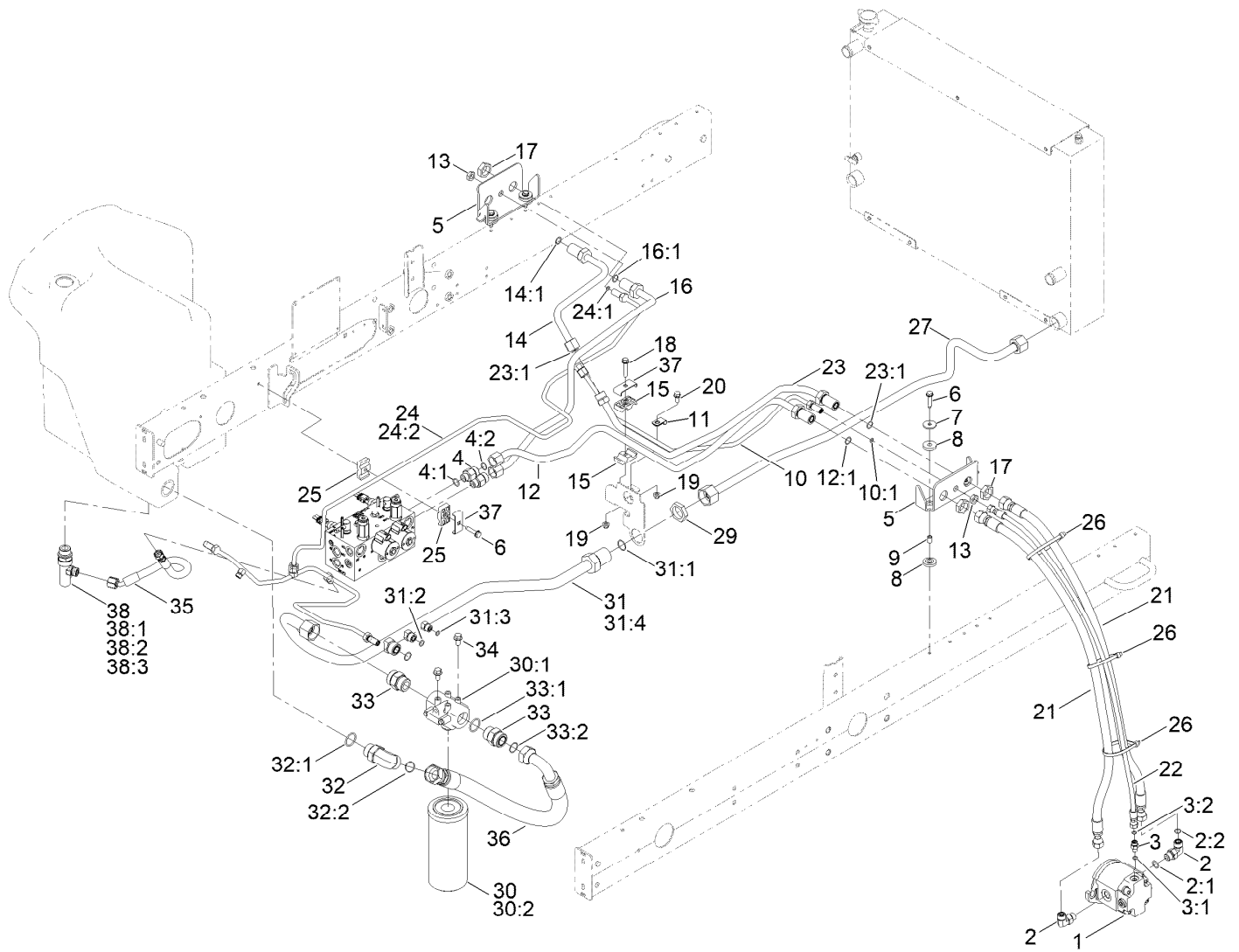
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No. 2 and 3 Reel Drive Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	120-6272	2	HYD Motor ASM
2	340-98	4	Fitting-Elbow, 90 DEG
2:1	237-79	1	O-Ring
2:2	237-30	1	O-Ring
3	340-92	2	Fitting-Straight
3:1	237-78	1	O-Ring
3:2	237-21	1	O-Ring
4	340-155	2	Fitting-Straight
4:1	237-79	1	O-Ring
4:2	237-151	1	O-Ring
5	117-0174-03	2	Bracket-Bulkhead
6	32144-57	5	Screw
7	105-3048	4	Washer-Flat
8	240-11	8	Bushing-Flange
9	99-8611	4	Spacer
10	120-3772	1	HYD Tube ASM
10:1	237-21	1	O-Ring
11	2412-113	1	Clamp-R
12	145-2534	1	Hydraulic Tube ASM
12:1	237-65	1	O-Ring
13	340-78	2	Nut-Lock

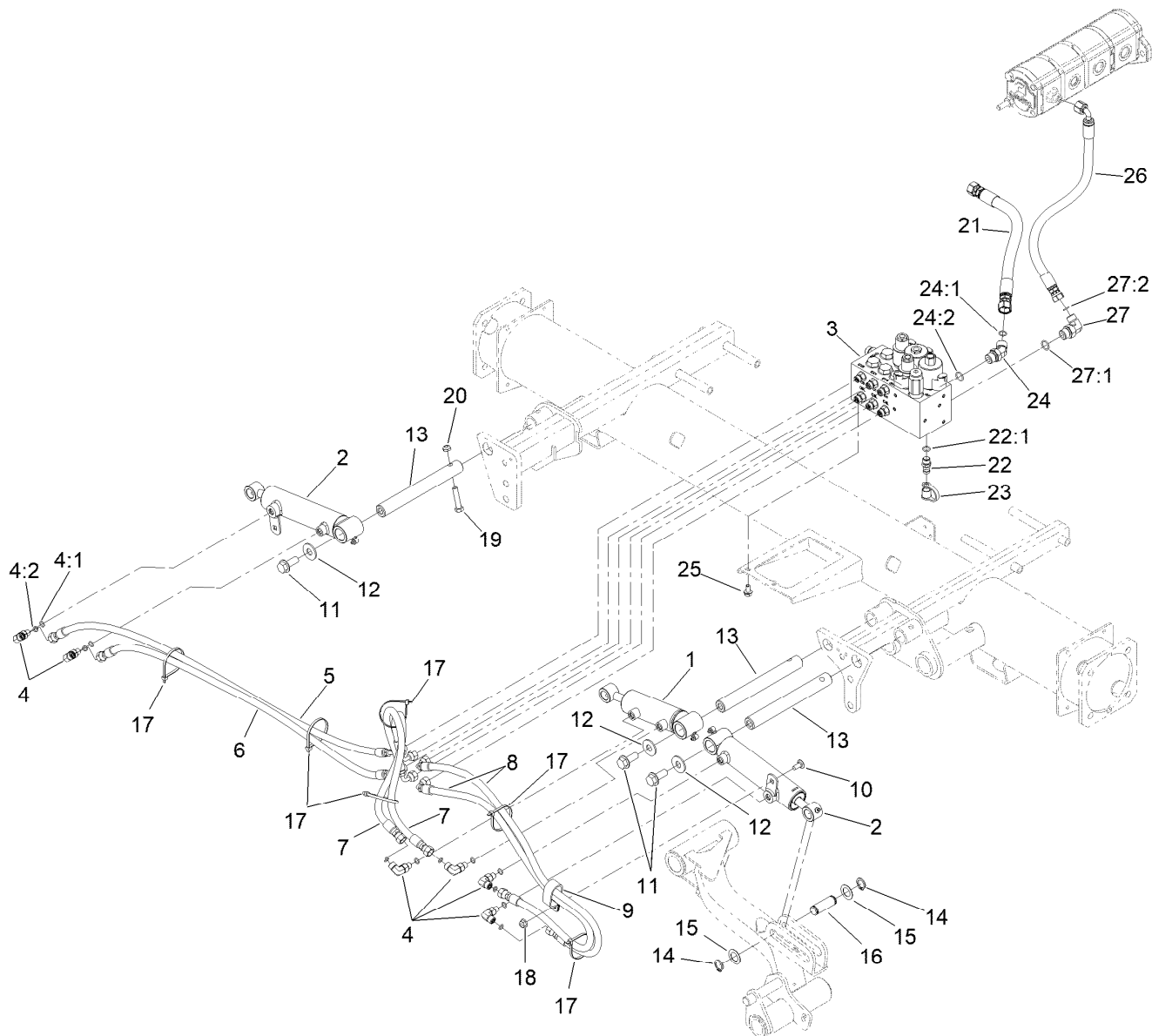
Ref.	Part Number	Qty.	Description
14	117-0140	1	Tube ASM
14:1	237-65	1	O-Ring
15	56-7971	2	Clamp-Tube
16	145-2527	1	Hydraulic Tube ASM
16:1	237-65	1	O-Ring
17	340-74	4	Nut-Lock, Bulkhead
18	94-5780	1	Screw-HWH
19	104-8300	2	Nut-HF, NI
20	3234-5	1	Screw-HHF
21	114-0633	4	Hose-HYD
22	98-4590	2	Hose-HYD
23	120-3775	1	HYD Tube ASM
23:1	237-65	2	O-Ring
24	145-2533	1	Hydraulic Tube ASM
24:1	237-21	1	O-Ring
24:2	237-22	1	O-Ring
25	56-7972	2	Clamp-Tube
26	3334-945	6	Tie-Cable
27	121-5600	1	HYD Tube ASM
29	340-128	1	Nut-Bulkhead
30	98-3923	1	Oil Filter ASM



No. 2 and 3 Reel Drive Hydraulic Assembly (continued)

Ref.	Part Number	Qty.	Description
30:1	104-0080	1	Filter Head ASM
30:2	94-2621	1	Element-Filter
31	144-2055	1	Tube ASM-Hydraulic
31:1	340-65	1	O-Ring
31:2	237-30	1	O-Ring
31:3	237-22	1	O-Ring
31:4	237-58	1	O-Ring
32	340-129	1	Fitting-Elbow, 90 DEG
32:1	237-146	1	O-Ring
32:2	340-65	1	O-Ring
33	104-3797	2	Fitting-Straight

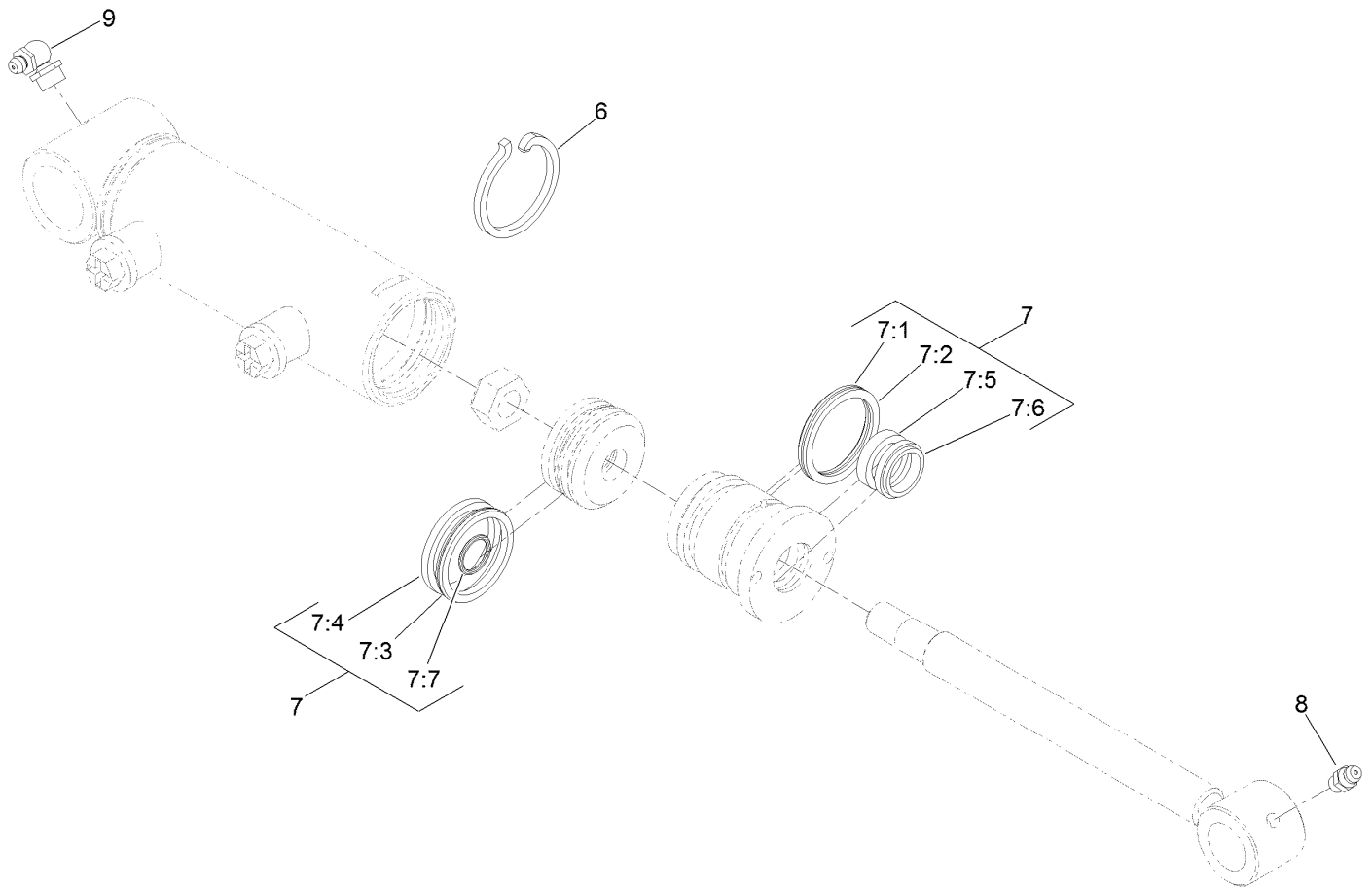
Ref.	Part Number	Qty.	Description
33:1	237-146	1	O-Ring
33:2	340-65	1	O-Ring
34	3234-1	2	Screw-HHF
35	163-3514	1	Hose ASM-HYD
36	108-1689	1	Hose-HYD
37	119-1419	2	Plate-Clamp
38	144-2080	1	Fitting-Manifold
38:1	237-81	1	O-Ring
38:2	237-30	1	O-Ring
38:3	237-22	1	O-Ring



No. 1, 4 and 5 Lift Arm Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	138-6999	1	HYD Cylinder ASM
2	163-3534	2	Cylinder-Hydraulic
3	105-7577	1	HYD Lift Block Manifold ASM
4	340-132	6	Fitting-Elbow, 90 DEG
4:1	237-78	1	O-Ring
4:2	237-21	1	O-Ring
5	106-3692	1	Hose-HYD
6	106-3693	1	Hose-HYD
7	93-6887	2	Hose-HYD
8	85-4940	2	Hose-HYD
9	2412-137	1	Clamp-R, Double
10	3230-23	1	Bolt-CARR
11	3234-38	3	Screw-HHF
12	3256-6	3	Washer-Flat
13	117-0148	3	Pin-Cylinder
14	32120-93	6	Ring-Retaining
15	3-6498	6	Washer-Thrust

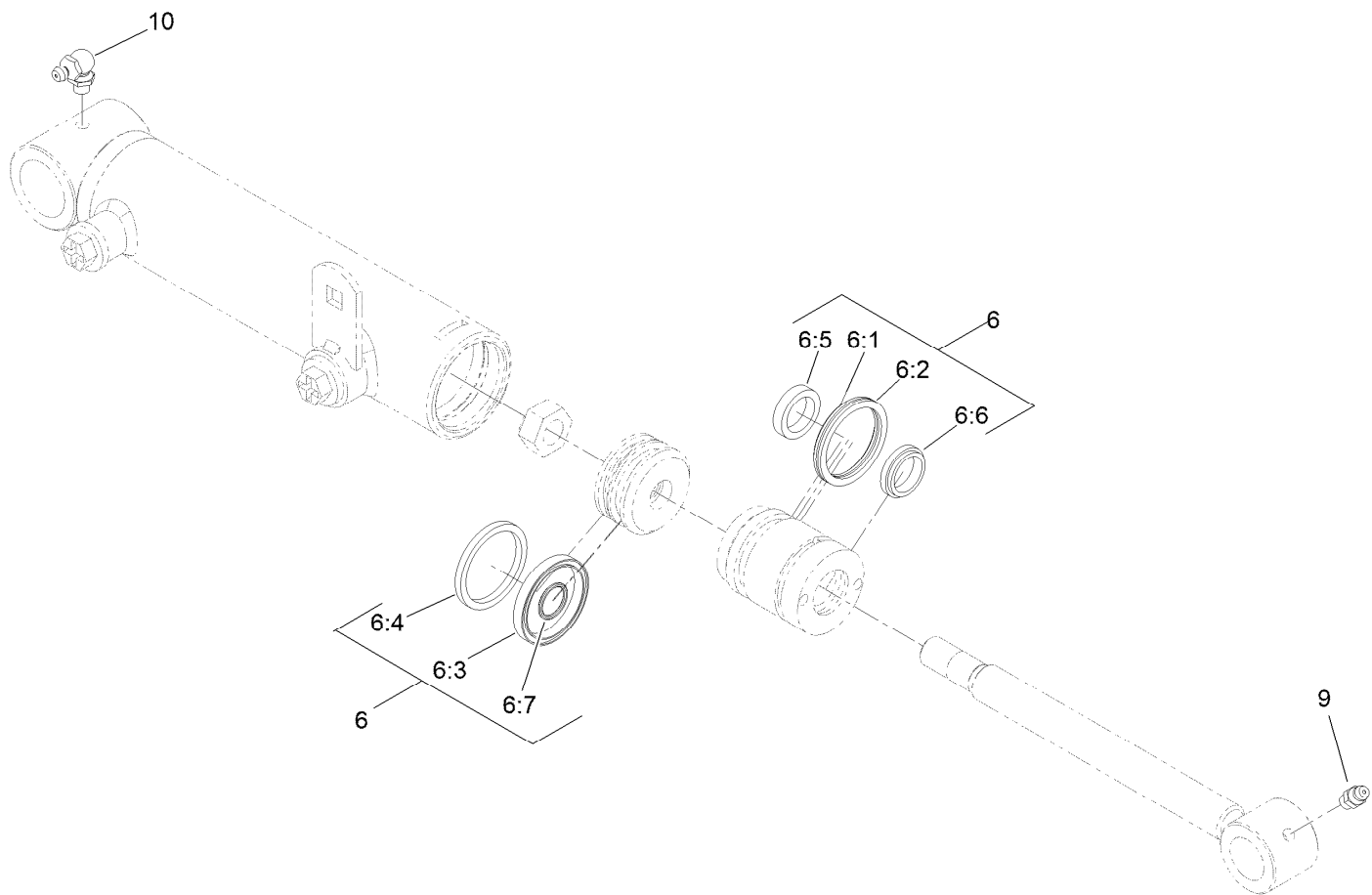
Ref.	Part Number	Qty.	Description
16	104-0046	3	Pin-Slide, Cylinder
17	3290-379	6	Tie-Cable
18	104-8300	1	Nut-HF, NI
19	323-9	3	Screw-HH
20	3296-59	3	Nut-Lock, NI
21	117-0729	1	Hose ASM
22	59-7410	1	Fitting-Diagnostic
22:1	237-42	1	O-Ring
23	354-79	1	Cap-Dust
24	340-101	1	Fitting-HYD, 45 DEG
24:1	237-30	1	O-Ring
24:2	237-79	1	O-Ring
25	3234-14	2	Screw-HHF
26	145-2585	1	Hose ASM-HYD
27	340-18	1	Fitting-HYD, 90 DEG
27:1	237-79	1	O-Ring
27:2	237-22	1	O-Ring



Hydraulic Cylinder Assembly No. 138-6999

Ref.	Part Number	Qty.	Description
6	84-1680	1	Ring-Retaining
7	133-2900	1	Seal Kit
7:1		1	O-Ring ●
7:2		1	Backup ●
7:3		1	Bp Seal ●
7:4		1	Wear Ring-Ht ●
7:5		1	Bt Seal ●
7:6		1	Dust Seal-Dt ●
7:7		1	O-Ring ●
8	302-5	1	Fitting-Grease
9	302-33	1	Fitting-Grease

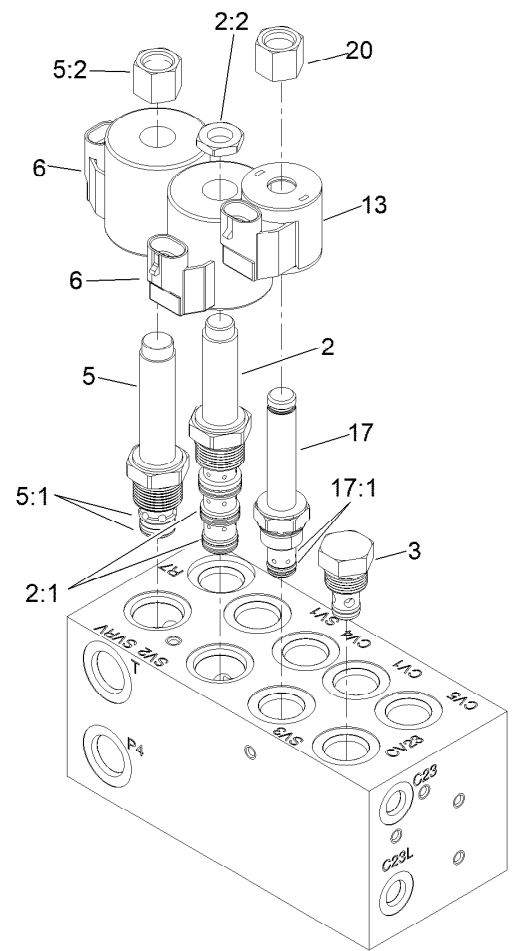
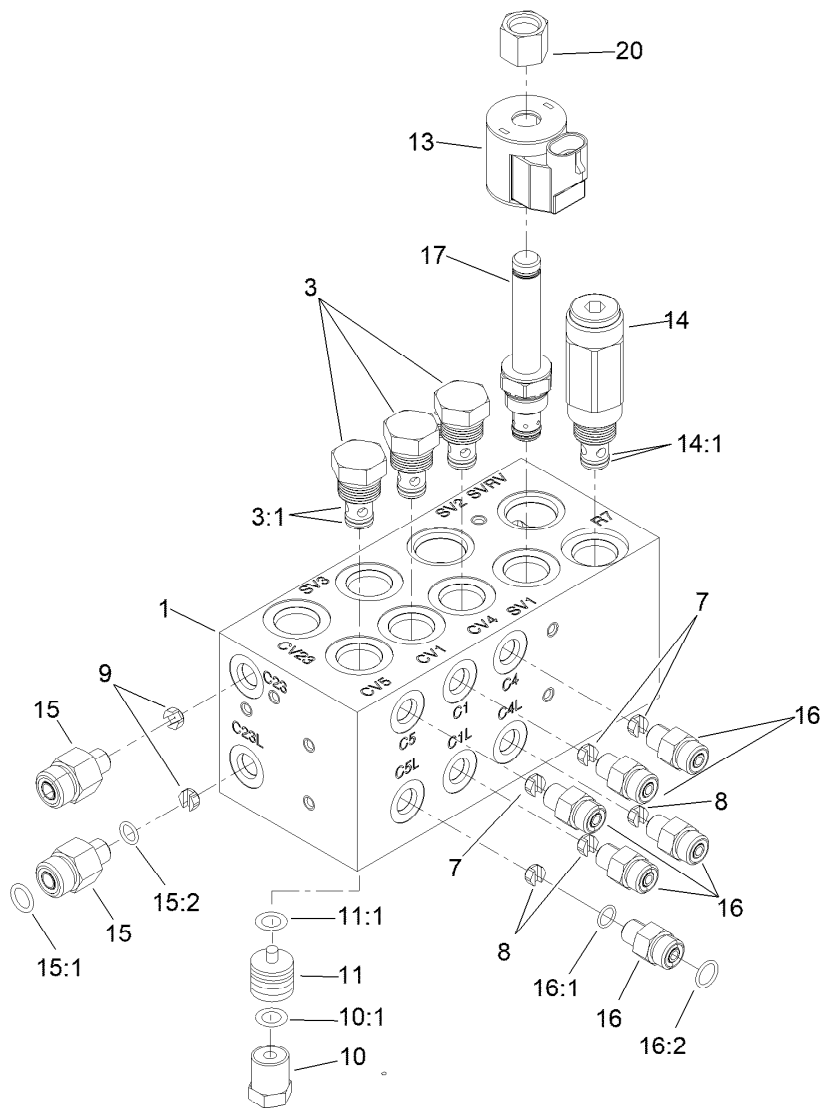
● Not serviced separately



Hydraulic Cylinder Assembly No. 163-3534

Ref.	Part Number	Qty.	Description
6	163-3529	1	Seal Kit
6:1		1	O-Ring ●
6:2		1	Backup ●
6:3		1	Pps Seal ●
6:4		1	Wear Ring-Ht ●
6:5		1	Bt Seal ●
6:6		1	Dust Seal-Dt ●
6:7		1	O-Ring ●
9	302-5	1	Fitting-Grease
10	302-60	1	Fitting-Grease

● Not serviced separately

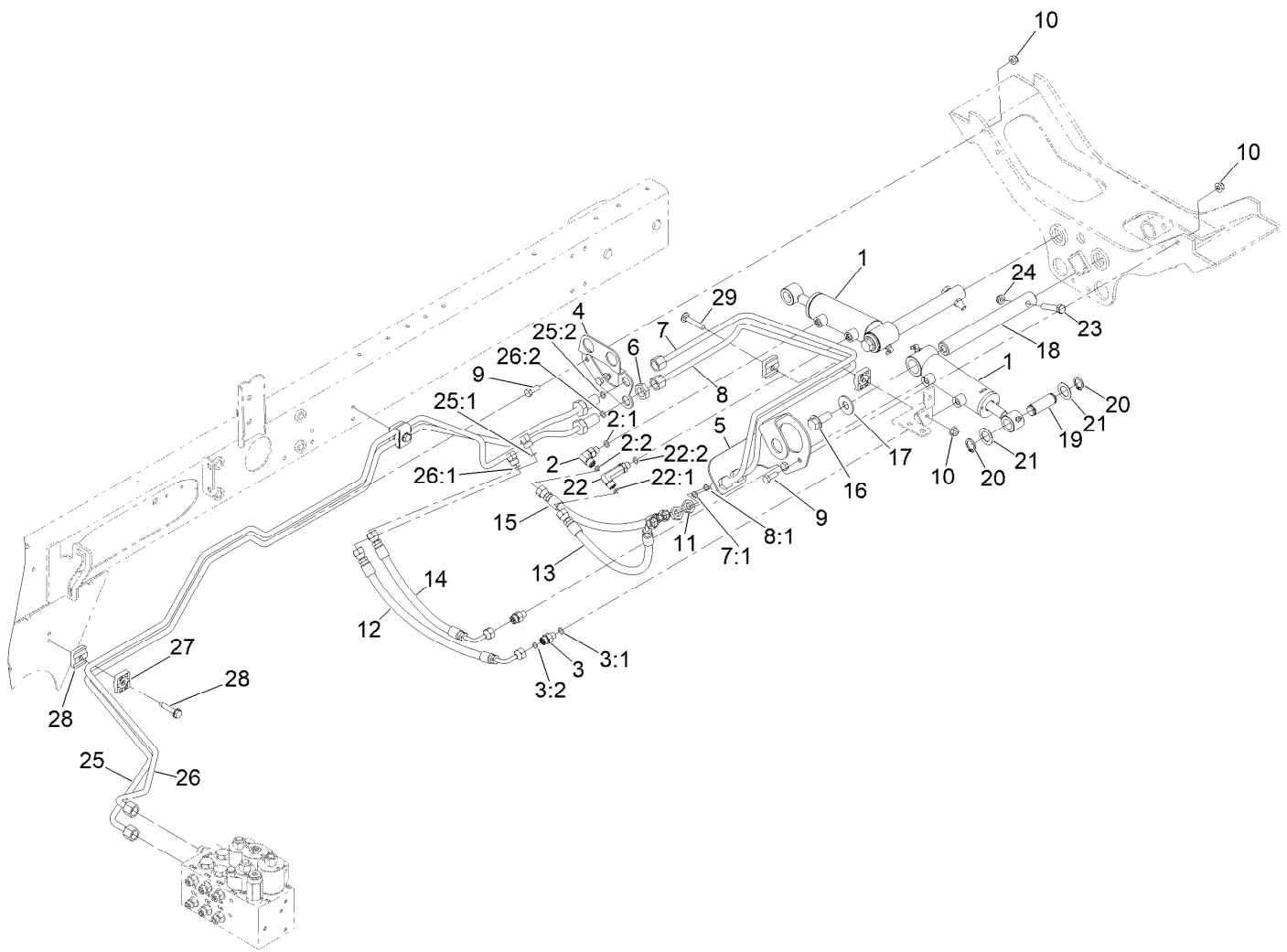


Hydraulic Manifold Block Assembly No. 105-7577

Ref.	Part Number	Qty.	Description
1		1	Block-Manifold ●
2	110-8906	1	Valve-Solenoid
2:1	110-8908	1	Spool Valve Seal Kit
2:2	110-2634	1	Nut-Coil
3	110-9006	4	Valve-Check
3:1	105-9156	1	Seal Kit
5	110-8905	1	Valve-Relief, Solenoid
5:1	110-6316	1	Seal Kit
5:2	130-8180	1	Nut-Coil (9/16-24 Unef-2B)
6	110-6344	2	Coil-12V, DC
7	110-8904	3	Orifice-Control, Flow (0.028)
8	110-8903	3	Orifice-Control, Flow (0.055)
9	110-8902	2	Orifice-Control, Flow (0.046)
10	354-70	4	Plug-Hex, Hollow
10:1	237-80	1	O-Ring

Ref.	Part Number	Qty.	Description
11	110-8901	4	Piston-Pilot
11:1	110-8900	1	O-Ring
13	110-0497	2	Coil-Solenoid
14	110-8899	1	Valve-Relief
14:1	105-9156	1	Seal Kit
15	340-88	2	Fitting-Straight
15:1	237-22	1	O-Ring
15:2	237-78	1	O-Ring
16	340-92	6	Fitting-Straight
16:1	237-78	1	O-Ring
16:2	237-21	1	O-Ring
17	147-3090	2	Valve-Solenoid
17:1	107-7527	1	Seal Kit
20	107-7812	2	Nut-Solenoid

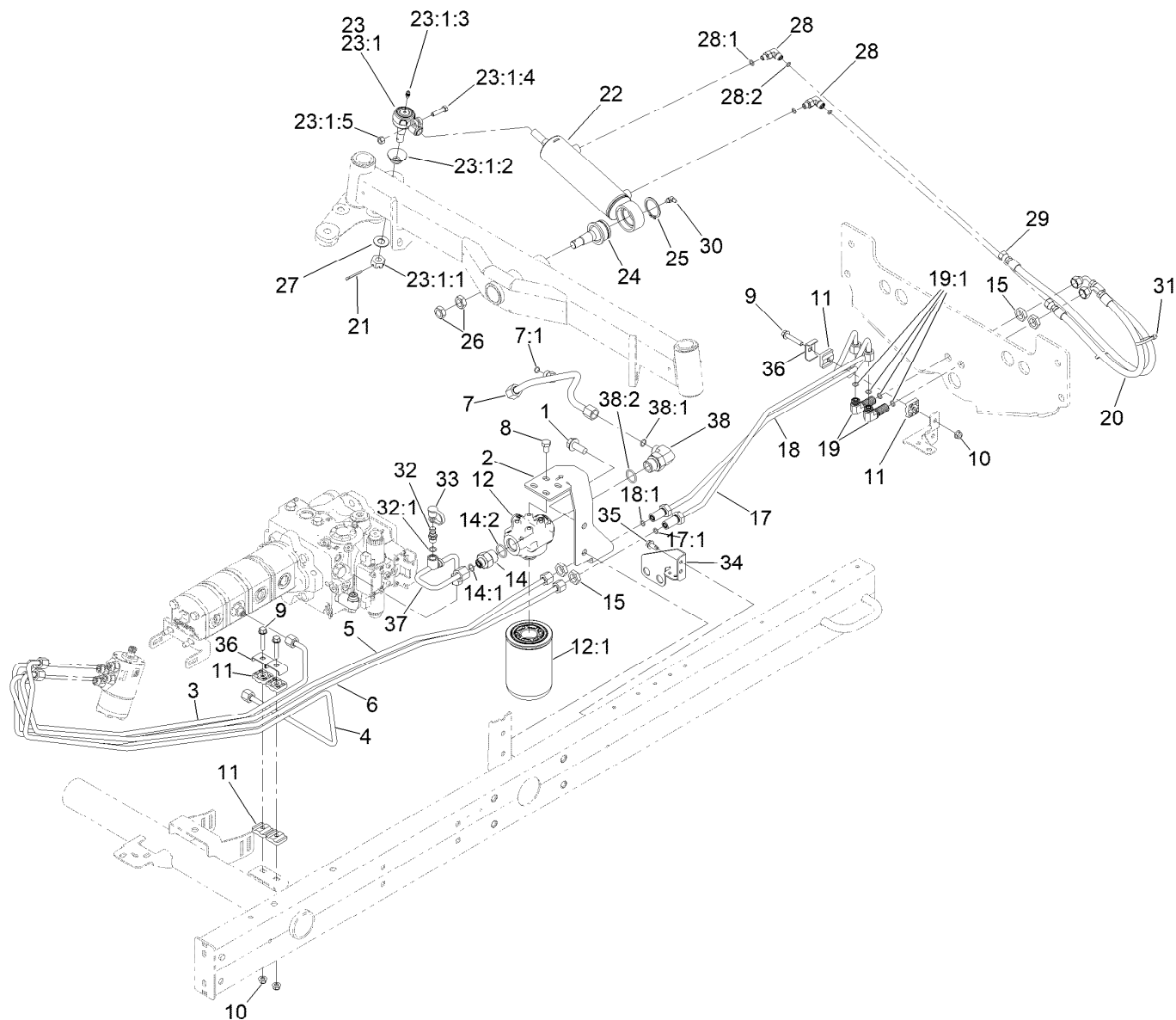
● Not serviced separately



Rear Lift Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	138-6999	2	HYD Cylinder ASM
2	340-132	1	Fitting-Elbow, 90 DEG
2:1	237-78	1	O-Ring
2:2	237-21	1	O-Ring
3	340-92	2	Fitting-Straight
3:1	237-78	1	O-Ring
3:2	237-21	1	O-Ring
4	120-3782-0P	1	Brkt-Bulhead, RH
5	110-0917-0P	1	Bracket-Bulkhead, LH
6	340-70	2	Nut-Lock
7	133-2987	1	Tube-ASM
7:1	237-21	1	O-Ring
8	133-2986	1	Tube-ASM
8:1	237-21	1	O-Ring
9	322-4	4	Screw-HH
10	104-8300	5	Nut-HF, NI
11	340-78	2	Nut-Lock
12	110-0930	1	Hose-HYD
13	110-8966	1	Hose-HYD
14	110-0929	1	Hose-HYD
15	110-0931	1	Hose-HYD

Ref.	Part Number	Qty.	Description
16	3234-38	2	Screw-HHF
17	3256-6	2	Washer-Flat
18	117-0148	2	Pin-Cylinder
19	104-0046	2	Pin-Slide, Cylinder
20	32120-93	4	Ring-Retaining
21	3-6498	4	Washer-Thrust
22	100-7695	1	Fitting-Elbow 90
22:1	237-78	1	O-Ring
22:2	237-21	1	O-Ring
23	323-9	2	Screw-HH
24	3296-59	2	Nut-Lock, NI
25	145-2552	1	Hydraulic Tube ASM
25:1	237-21	1	O-Ring
25:2	237-22	1	O-Ring
26	145-2553	1	Hydraulic Tube ASM
26:1	237-21	1	O-Ring
26:2	237-22	1	O-Ring
27	32144-57	2	Screw
28	56-7973	6	Clamp-Tube
29	3230-5	1	Bolt-CARR

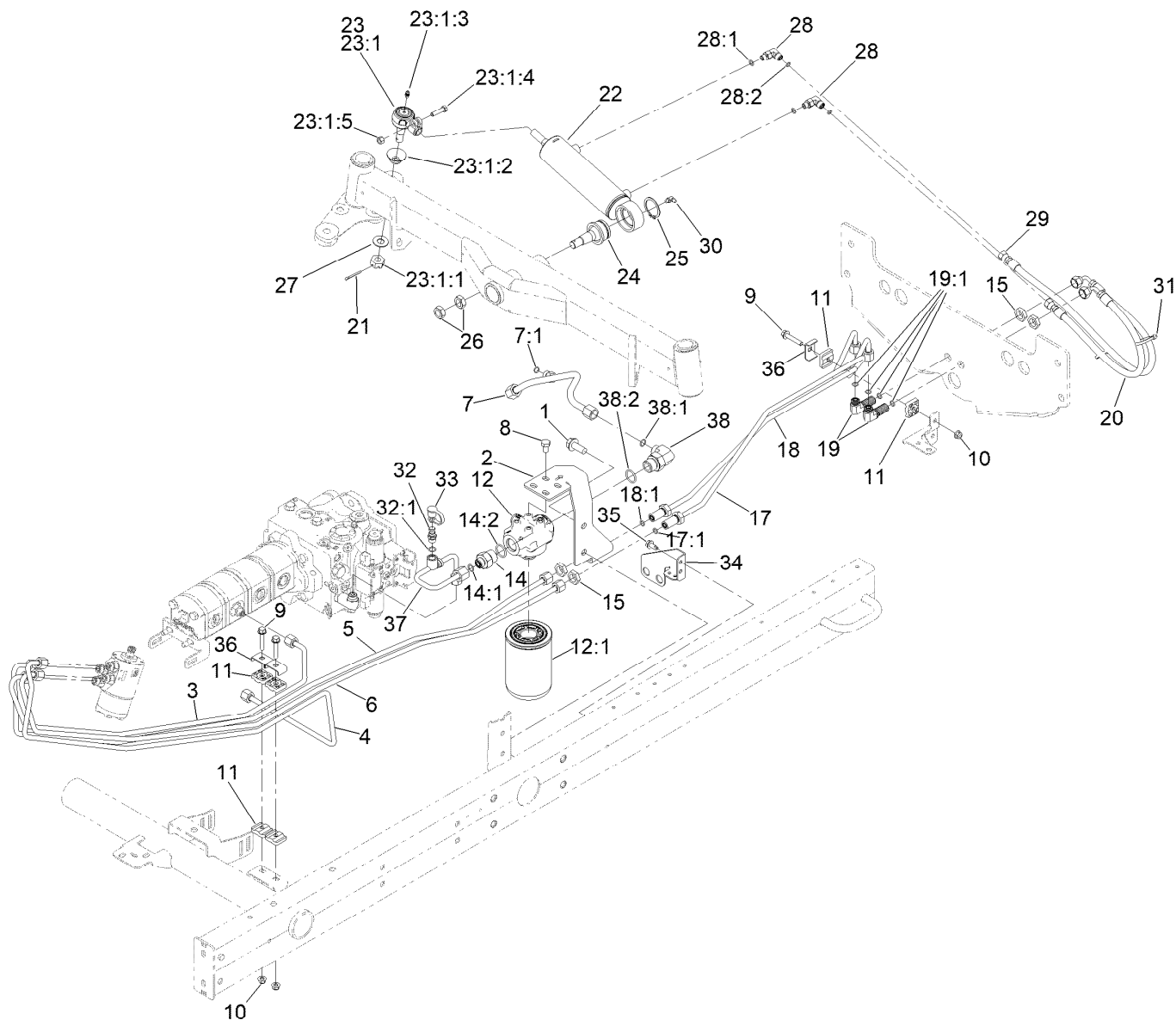


Steering Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	3234-38	2	Screw-HHF
2	145-2477-0P	1	Bracket-Mount, Filter
3	144-2096	1	Tube ASM-Hydraulic
4	144-2054	1	Tube ASM-Hydraulic
5	144-2094	1	Tube ASM-Hydraulic
6	144-2095	1	Tube ASM-Hydraulic
7	145-2562	1	Hydraulic Tube ASM
7:1	237-22	1	O-Ring
8	33115-016	4	Screw-HH
9	94-5780	3	Screw-HWH
10	104-8300	3	Nut-HF, NI
11	56-7973	6	Clamp-Tube
12	93-2242	1	Oil Filter ASM
12:1	75-1310	1	Filter-HYD
14	100-4240	1	Fitting-STR
14:1	237-30	1	O-Ring
14:2	237-81	1	O-Ring
15	340-70	4	Nut-Lock

Ref.	Part Number	Qty.	Description
17	133-2988	1	Tube ASM
17:1	237-22	1	O-Ring
18	133-2989	1	Tube ASM
18:1	237-22	1	O-Ring
19	340-154	2	Union-Bulkhead
19:1	237-22	2	O-Ring
20	110-0928	1	Hose-HYD
21	3272-12	1	Pin-Cotter
22	110-9035	1	HYD Cylinder ASM
23	106-6895-03	1	Ball Joint ASM
23:1		1	Joint-Ball ●
23:1:1	32136-13	1	Nut-SHH
23:1:2	106-6896	1	Seal
23:1:3	302-5	1	Fitting-Grease
23:1:4	3210-7	1	Screw-HH
23:1:5	32152-5	1	Nut-Hex
24	106-6774	1	Joint-Ball
25	32151-104	1	Ring-Retaining, External

● Not serviced separately



Steering Hydraulic Assembly (continued)

Ref.	Part Number	Qty.	Description
26	3220-6	2	Nut-Jam
27	69-8980	1	Washer
28	340-132	2	Fitting-Elbow, 90 DEG
28:1	237-78	1	O-Ring
28:2	237-21	1	O-Ring
29	110-0973	1	Hose-HYD
30	302-40	1	Fitting-Grease, 90 DEG
31	3290-378	2	Tie-Cable
32	59-7410	1	Fitting-Diagnostic

Ref.	Part Number	Qty.	Description
32:1	237-42	1	O-Ring
33	353-947	1	Cap-Dust, Black
34	120-3781-0P	1	Brkt-Bulhead Steer
35	32104-32	2	Screw-HWH
36	119-1418	3	Plate-Clamp, Short
37	145-2478	1	Tube ASM-Hydraulic
38	340-131	1	Fitting-HYD, 90 DEG
38:1	237-30	1	O-Ring
38:2	237-81	1	O-Ring

● Not serviced separately

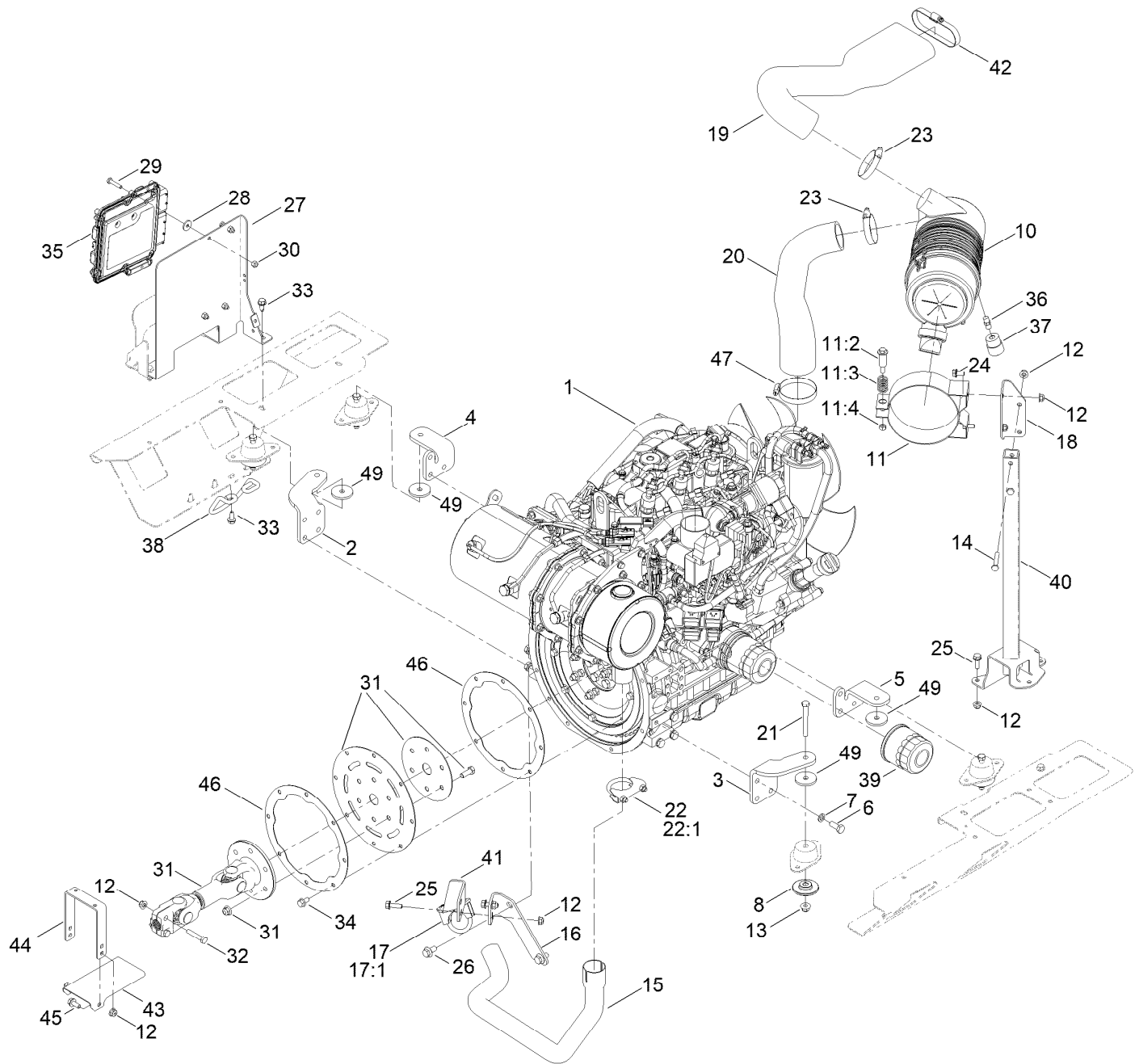
Hydraulic Cylinder Assembly No. 110-9035 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	114-8875	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	Backup ●
1:3		1	Bp Seal ●

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:4		1	Wear Ring ●
1:5		1	Bt Seal ●
1:6		1	Dust Seal ●
1:7		1	O-Ring ●

● Not serviced separately

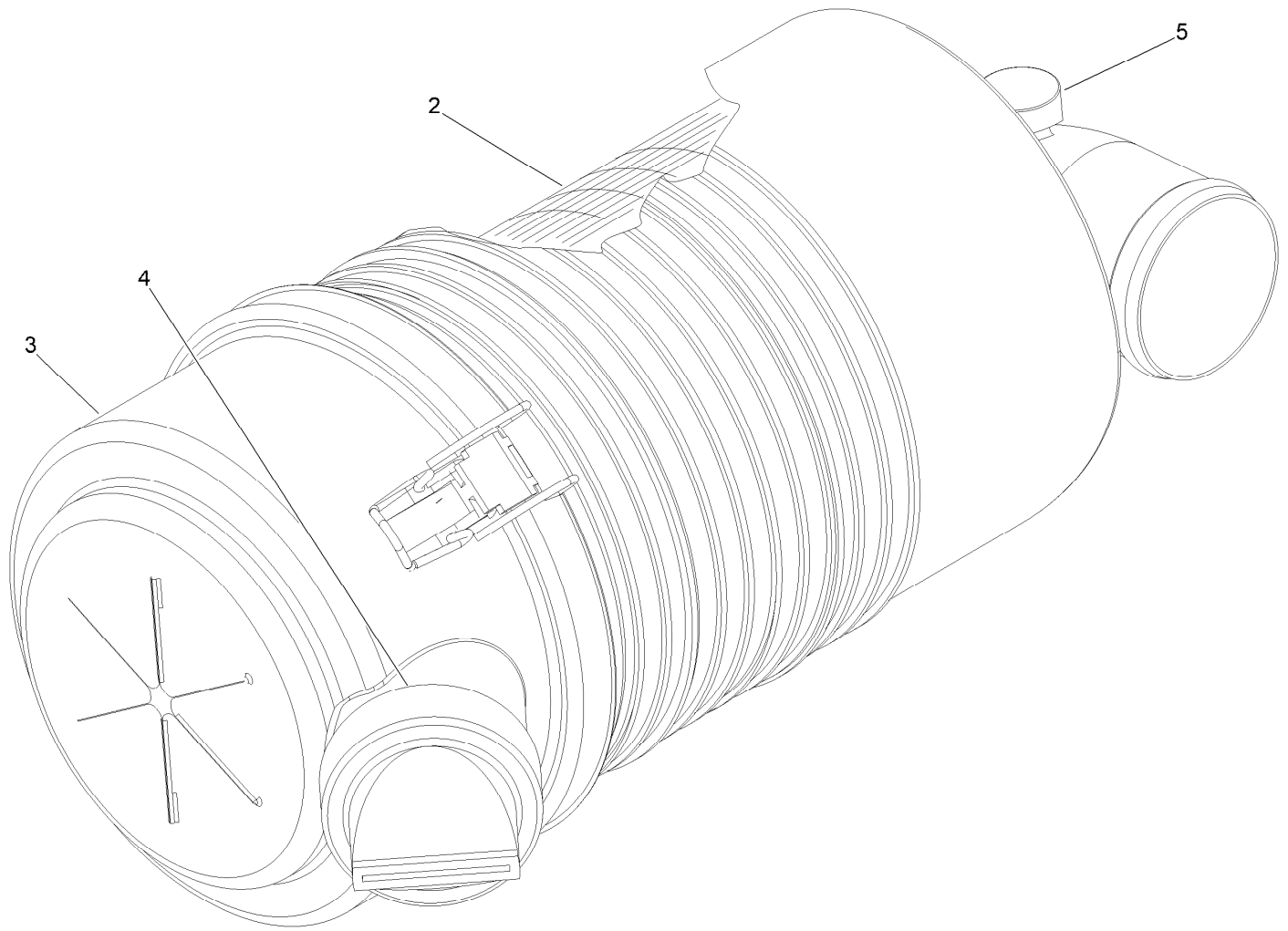
Engine, Air Cleaner and Drive Shaft Assembly



Engine, Air Cleaner and Drive Shaft Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	138-6915	1	Engine-Yanmar, 3Tnv88C-Dtr	23	2412-130	2	Clamp-Hose
2	120-3777-0P	1	Mount-Engine Rf	24	3234-14	2	Screw-HHF
3	120-3778-0P	1	Mount-Engine Lf	25	3234-29	4	Screw-HHF
4	120-3779-0P	1	Mount-Engine Rr	26	33105-020	2	Screw-HHF
5	120-3780-0P	1	Mount-Engine Lr	27	122-0898-0P	1	Bracket-Ecu
6	33115-025	14	Screw-HH	28	66-2921	4	Washer-Friction
7	48-9590	14	Washer-Lock	29	321-8	4	Screw-HH
8	138-6462	4	Support-Isolator	30	3296-42	4	Nut-Lock, NI
10	106-5277	1	Air Cleaner ASM	31	145-2508	1	Driveshaft ASM
11	100-4825	1	Band-Mounting, Air Cleaner	32	323-9	2	Screw-HH
11:2	94-3653	1	Bolt	33	32104-32	3	Screw-HWH
11:3	94-3654	1	Spring	34	33104-016	8	Screw-HHF
11:4	33024-00	1	Nut-Lock, NI	35	121-5592	1	Electronic Control Unit
12	104-8300	10	Nut-HF, NI	36	94-1416	1	Adapter-Indicator
13	104-8301	6	Nut-HF, NI	37	93-9164	1	Indicator-Mini
14	322-10	2	Screw-HH	38	127-2612	1	Guard-Pipe, Tail
15	125-8765	1	Tube-Exhaust	39	125-7025	1	Filter-Engine, Oil
16	125-8763-0P	1	Bracket-Tailpipe	40	120-2949-0P	1	Stand ASM [primed]
17	2112-9	1	Clamp	41	125-8764-0P	1	Bracket-Tailpipe
17:1	32128-20	2	Nut-HF	42	2412-46	1	Clamp
18	120-6298-0P	1	Bracket-Aircleaner	43	125-8766-0P	1	Shield-Heat
19	121-5559	1	Hose-Air Cleaner	44	108-1799-0P	1	Hoop - Guard
20	120-3786	1	Hose-Air Cleaner	45	3234-5	2	Screw-HHF
21	323-14	4	Screw-HH	46	136-8040-0P	2	Ring - Backup
22	2112-6	1	Clamp-Muffler	47	2412-53	1	Clamp-Drive, Worm
22:1	3218-2	2	Nut-Hex Jam	49	115-1485	4	Washer-Plain

Air Cleaner Assembly No. 106-5277

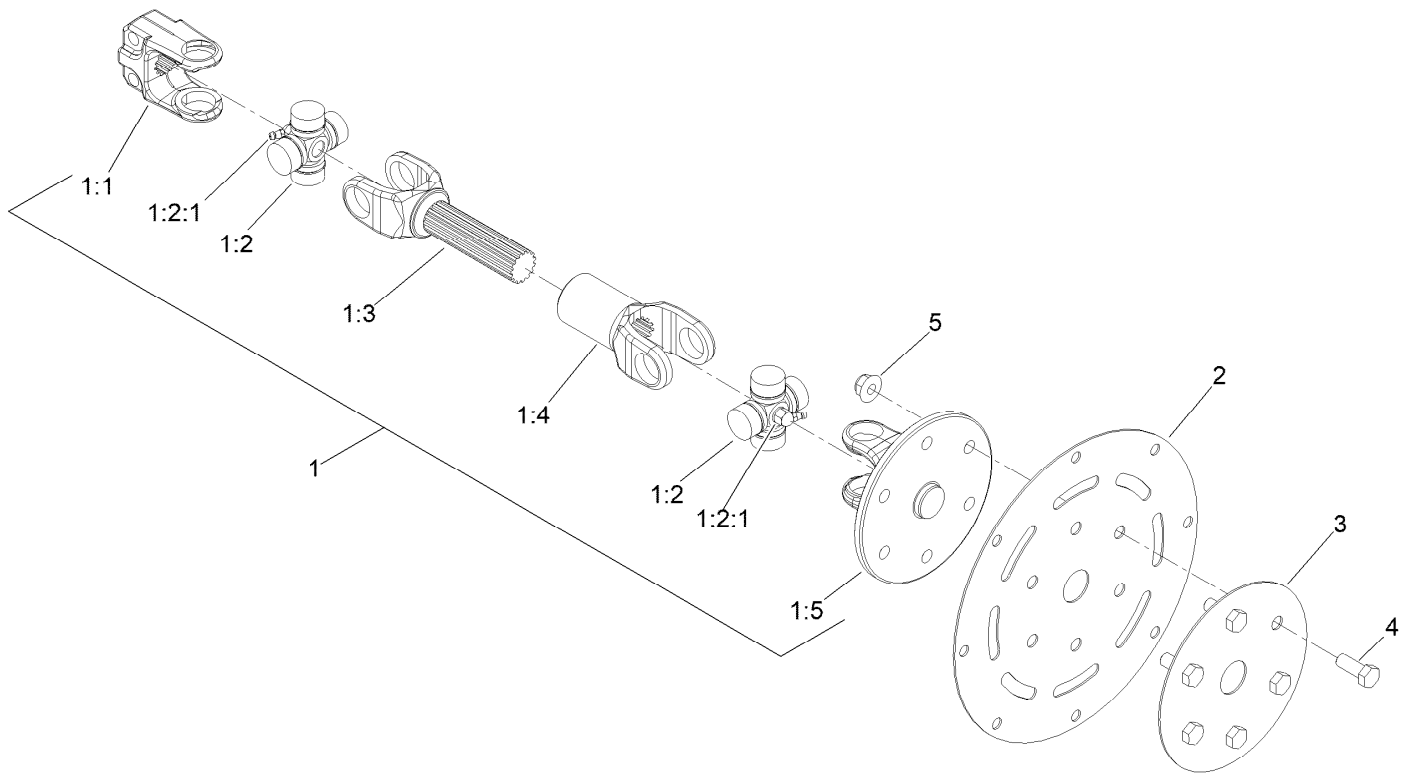


Air Cleaner Assembly No. 106-5277 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	108-3810	1	Filter-Air
3	98-9771	1	Cover ASM

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

Driveshaft Assembly No. 145-2508



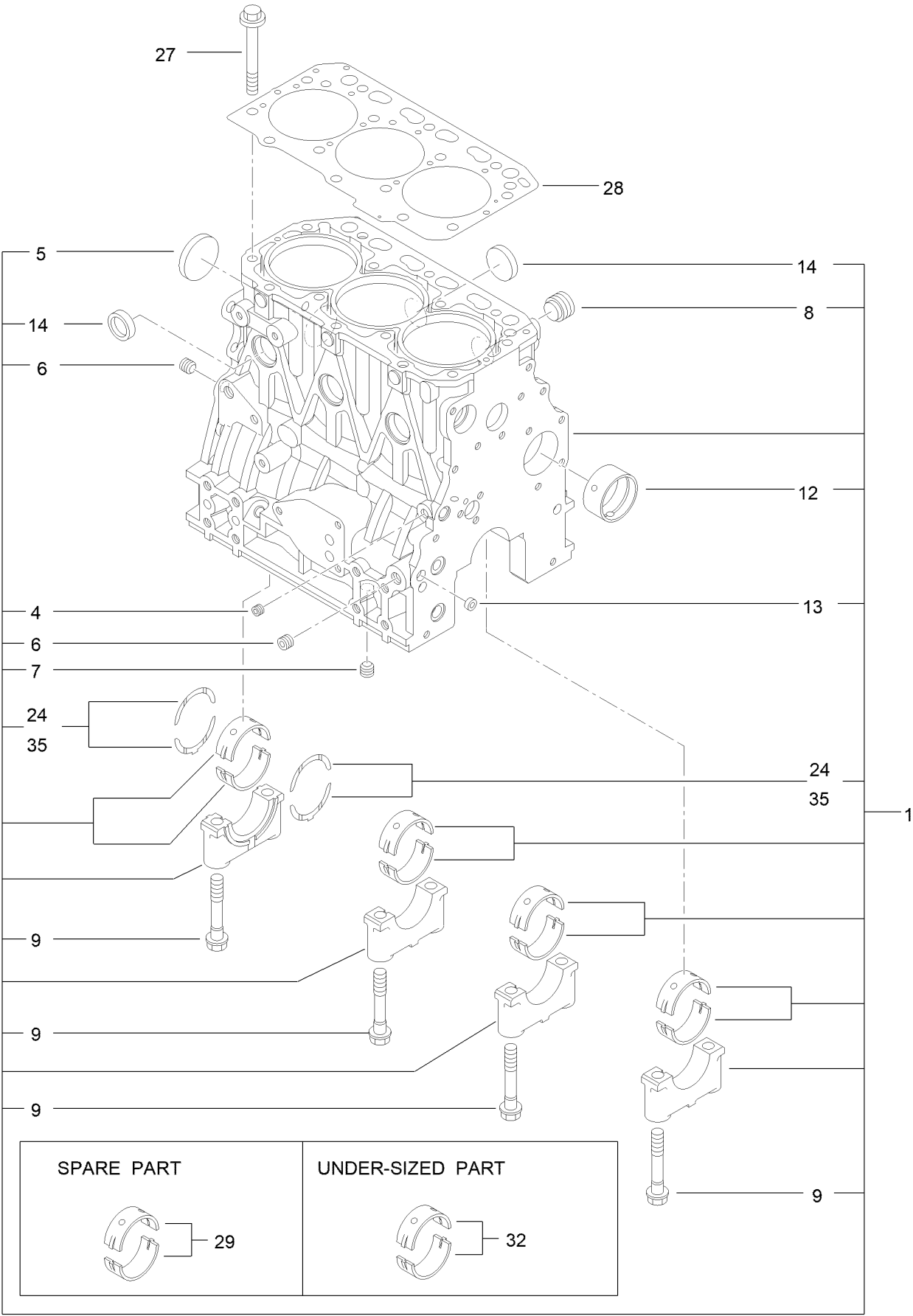
Driveshaft Assembly No. 145-2508 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Driveshaft ●
1:1	145-2535	1	Yoke-Driveshaft, 13T
1:2	54-9180	2	U-Joint Kit
1:2:1	62-3820	1	Fitting-Grease
1:3	108-0632	1	Yoke And Shaft ASM
1:4	108-0633	1	Yoke-Telescoping

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1:5	145-2546	1	Yoke ASM
2	138-6933-0P	1	Plate-Flywheel Adapter
3	133-2963-0P	1	Ring-Backup
4	323-6	6	Screw-HH
5	104-8301	6	Nut-HF, NI

● Not serviced separately

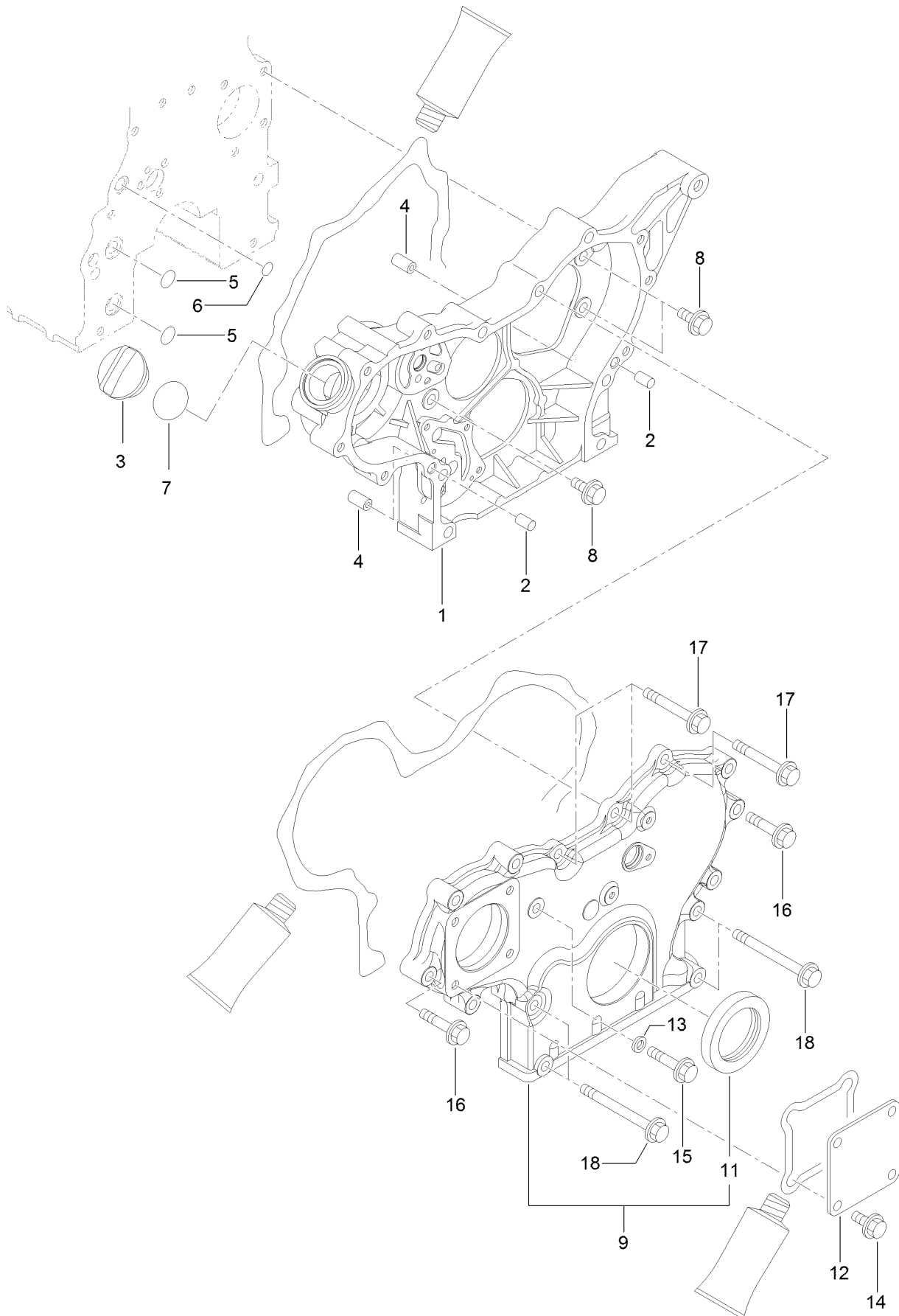
Cylinder Block Assembly



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	127-4717	1	Cylinder Block ASM	13	125-7237	1	Plug
4	125-6969	1	Plug	14	125-7239	6	Plug
5	125-6980	1	Plug	24	125-7010	2	Metal-Thrust
6	125-6973	2	Plug	27	125-7006	14	Bolt
7	125-6973	1	Plug	28	127-4716	1	Head Gasket ASM
8	125-7170	1	Plug	29	125-6981	4	Metal-Main
9	125-7007	8	Bolt	32	125-7009	4	Metal-Main (0.25)
12	125-7108	1	Bushing	35	125-7011	1	Metal-Thrust (0.25)

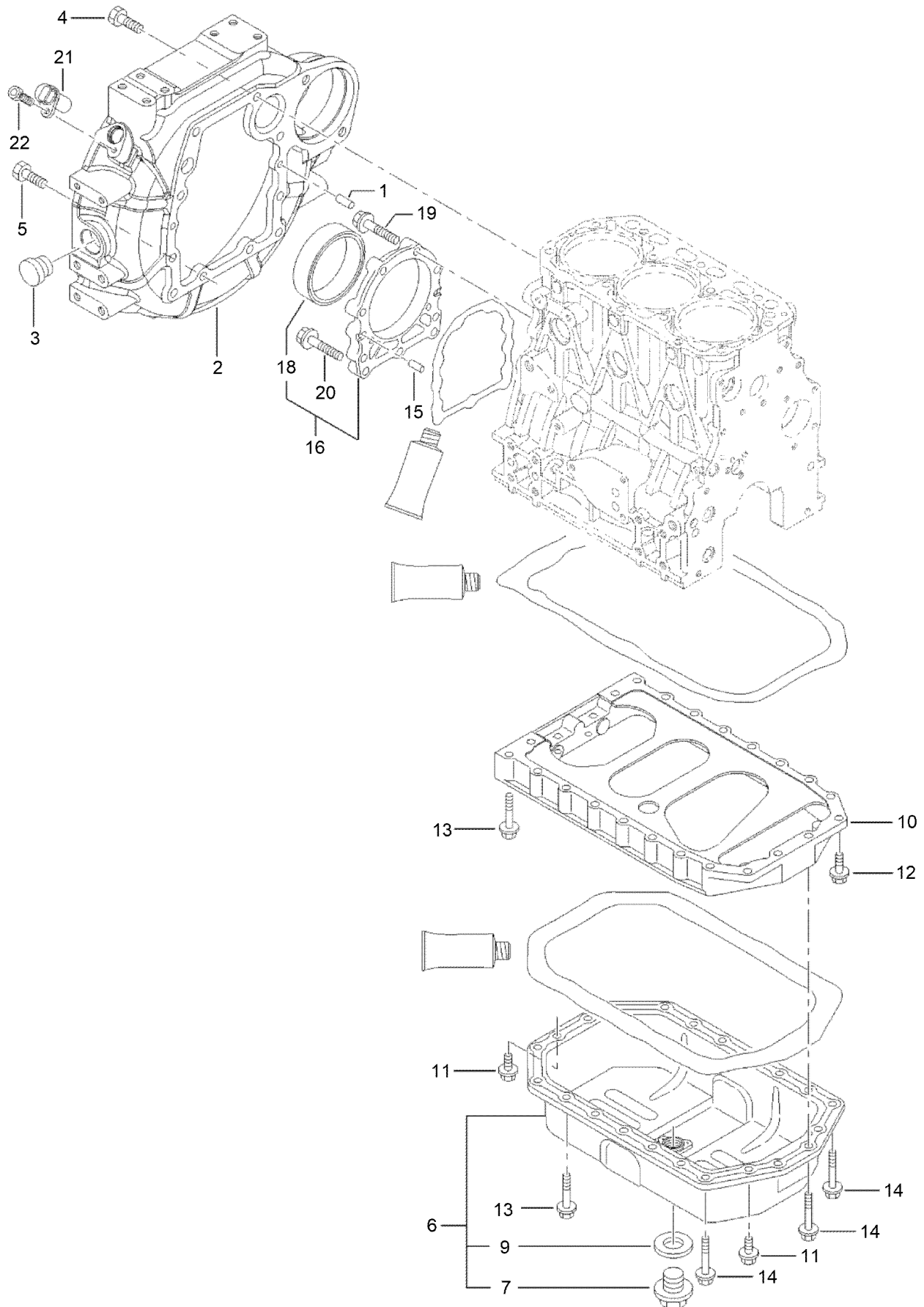
Gear Housing Assembly



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	127-3023	1	Case-Gear	11	125-6944	1	Seal-Oil
2	125-6995	2	Pin	12	125-6977	1	Cover
3	125-6972	1	Cover-Filler	13	125-7174	1	Washer-Seal
4	125-7107	2	Pipe	14	100-6928	4	Bolt
5	125-6909	2	O-Ring	15	125-7217	1	Bolt
6	127-2973	1	O-Ring	16	125-7218	7	Bolt
7	125-7197	1	O-Ring	17	125-7222	3	Bolt
8	100-6928	3	Bolt	18	125-7224	4	Bolt
9	127-3024	1	Gearcase Cover ASM				

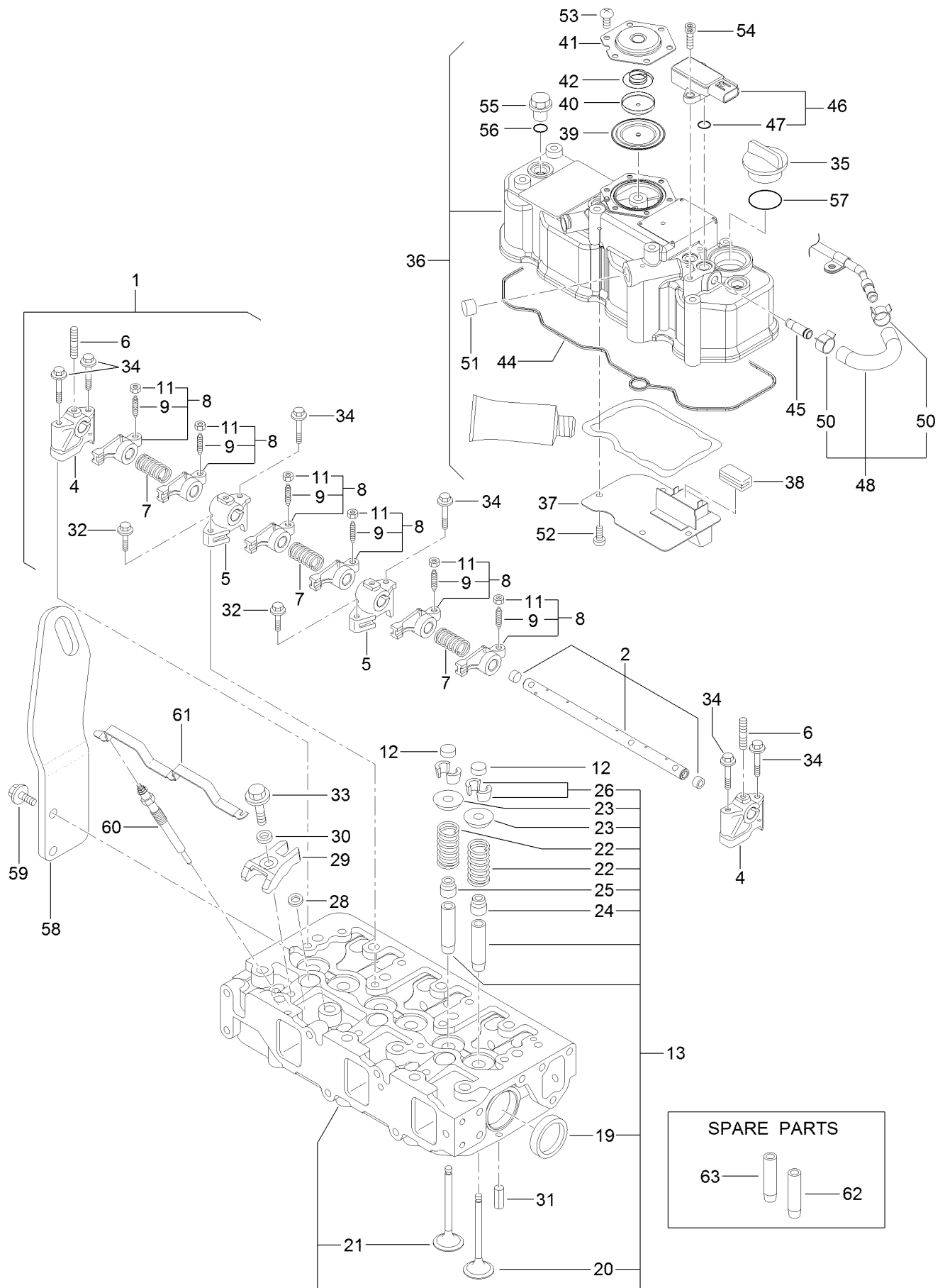
Flywheel Housing and Oil Sump Assembly



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	12	125-7215	2	Bolt
2	127-3025	1	Housing-Flywheel	13	125-7219	16	Bolt
3	125-6910	1	Cap	14	125-7220	4	Bolt
4	125-7226	6	Bolt	15	125-6995	2	Pin
5	125-7227	4	Bolt	16	125-6996	1	Case ASM
6	127-3755	1	Oil Pan ASM	18	125-7106	1	Seal-Oil
7	125-6912	1	Plug-Drain	19	125-7045	6	Bolt
9	125-7177	1	Washer-Seal	20	125-7217	3	Bolt
10	127-3756	1	Spacer	21	127-3062	1	Sensor-Rev, Flywheel
11	100-6928	4	Bolt	22	127-3184	1	Bolt

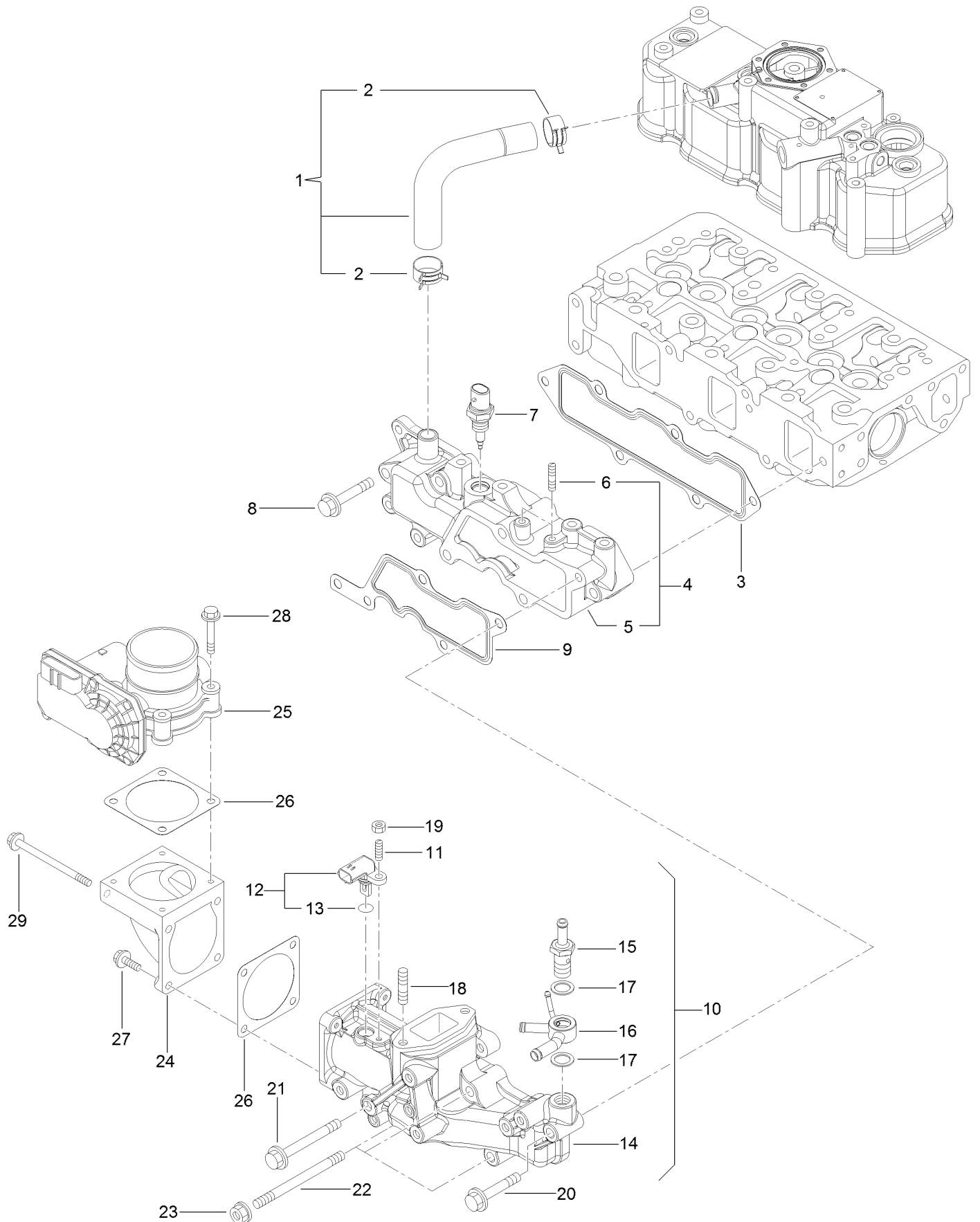
Cylinder Head and Cover Assembly



Cylinder Head and Cover Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3757	1	Shaft ASM	36	127-4719	1	Cylinder Head Cover ASM
2	127-3758	1	Shaft	37	127-2988	1	Plate
4	127-2974	2	Support	38	125-7012	1	Baffle
5	127-2975	2	Support	39	125-6959	1	Diaphragm
6	127-3759	3	Stud	40	125-6960	1	Plate
7	127-2995	3	Spring	41	125-6961	1	Plate-Breather
8	127-2989	6	Arm-Rocker	42	125-6962	1	Spring-Diaphragm
9	125-7013	6	Screw-Adjust, Valve	44	127-3856	1	Gasket-Valve Cover
11	125-7014	6	Nut	45	127-3026	1	Joint
12	127-2996	6	Cap-Valve	46	127-3029	1	Sensor-Pressure
13	127-4720	1	Cylinder Head ASM	47	127-3032	2	O Ring-Sensor, Pressure
19	125-7240	2	Plug	48	127-3040	1	Hose ASM
20	127-2990	3	Valve	50	127-3041	2	Clip-Hose
21	127-4710	3	Valve	51	125-6913	1	Plug
22	127-3012	6	Spring	52	125-7186	4	Screw
23	127-3013	6	Retainer-Spring	53	125-7186	6	Screw
24	127-2986	3	Seal-Stem, Valve	54	127-3184	2	Bolt
25	127-3027	3	Seal-Stem, Valve	55	125-6974	3	Knob
26	127-3186	6	Pin-Cotter	56	93-0418	3	O-Ring
28	127-3021	3	Gasket-Injector	57	125-7197	1	O-Ring
29	127-3028	3	Retainer-Injector	58	125-7111	1	Lifter
30	127-2980	3	Washer-Injector	59	100-6928	2	Bolt
31	125-7184	2	Pin-Spring	60	127-2991	3	Plug-Glow
32	125-7215	2	Bolt	61	127-3768	1	Connector-Plug, Glow
33	125-7217	3	Bolt	62	127-2979	3	Guide
34	125-7220	6	Bolt	63	127-2997	3	Guide-Valve
35	125-6972	1	Cover-Filler				

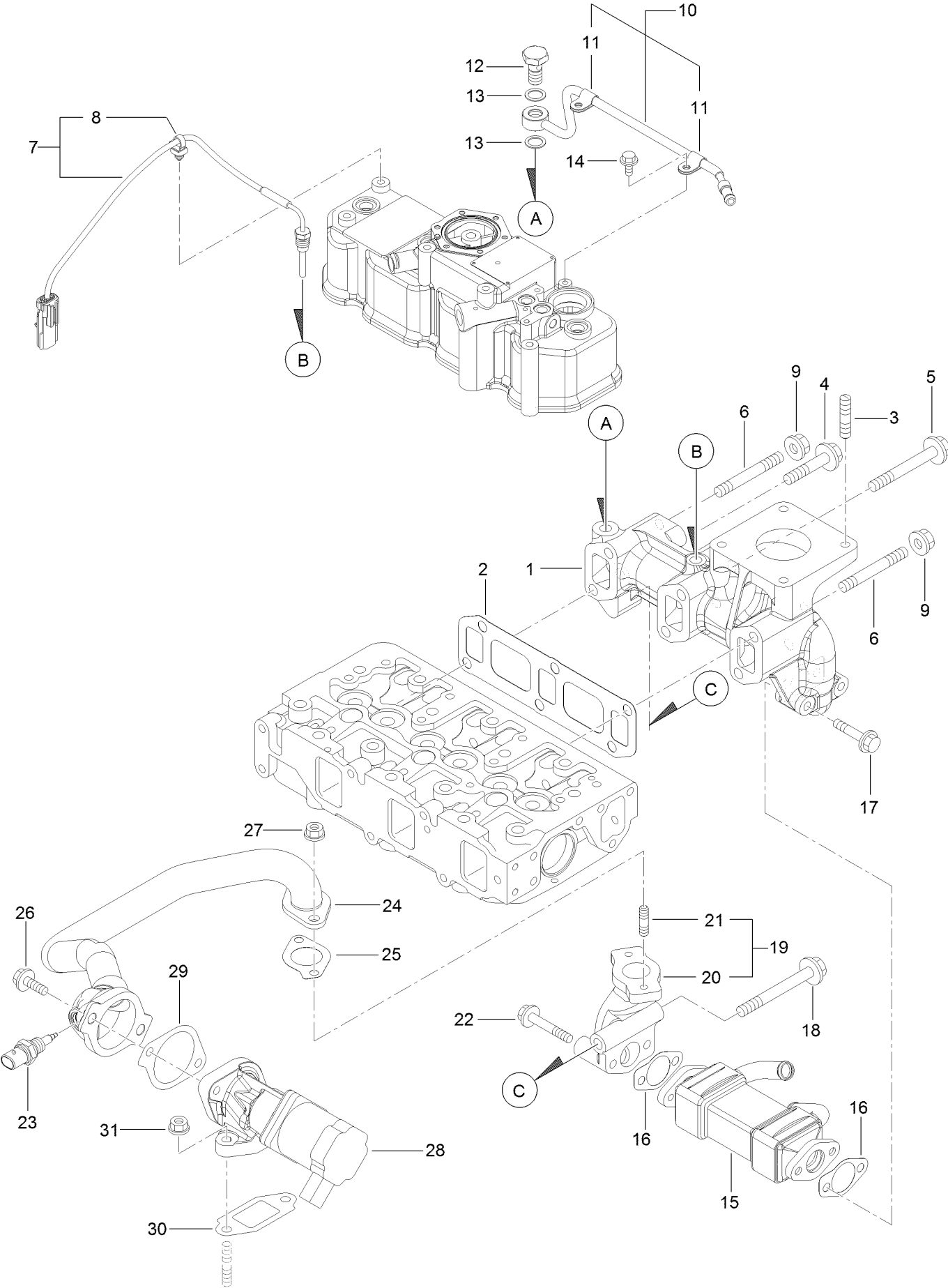
Suction Manifold Assembly



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	127-4704	1	Pipe	16	127-3081	1	Joint-Hose
2	125-7040	2	Clip-Hose	17	127-3166	2	Washer-Seal
3	127-3857	1	Gasket-Manifold, Intake	18	127-4774	2	Stud
4	127-4722	1	Intake Manifold ASM	19	127-4775	1	Nut
5	127-4721	1	Manifold-Intake	20	125-7220	1	Bolt
6	127-3180	2	Stud	21	127-3178	1	Bolt
7	127-3031	1	Sensor-Temp, Air	22	127-3182	3	Stud
8	125-7220	3	Bolt	23	125-7229	3	Nut
9	127-3034	1	Gasket-Collector	24	127-3035	1	Bend-Inlet
10	127-4725	1	Intake Collector ASM	25	127-3036	1	Body-Throttle
11	127-4701	1	Stud	26	127-3037	2	Gasket-Throttle
12	127-3030	1	Sensor-Temp, Air	27	125-7209	2	Bolt
13	127-3033	1	O-Ring	28	125-7211	4	Bolt
14	127-4724	1	Collector-Intake	29	127-3177	2	Bolt
15	127-3080	1	Joint-Hose				

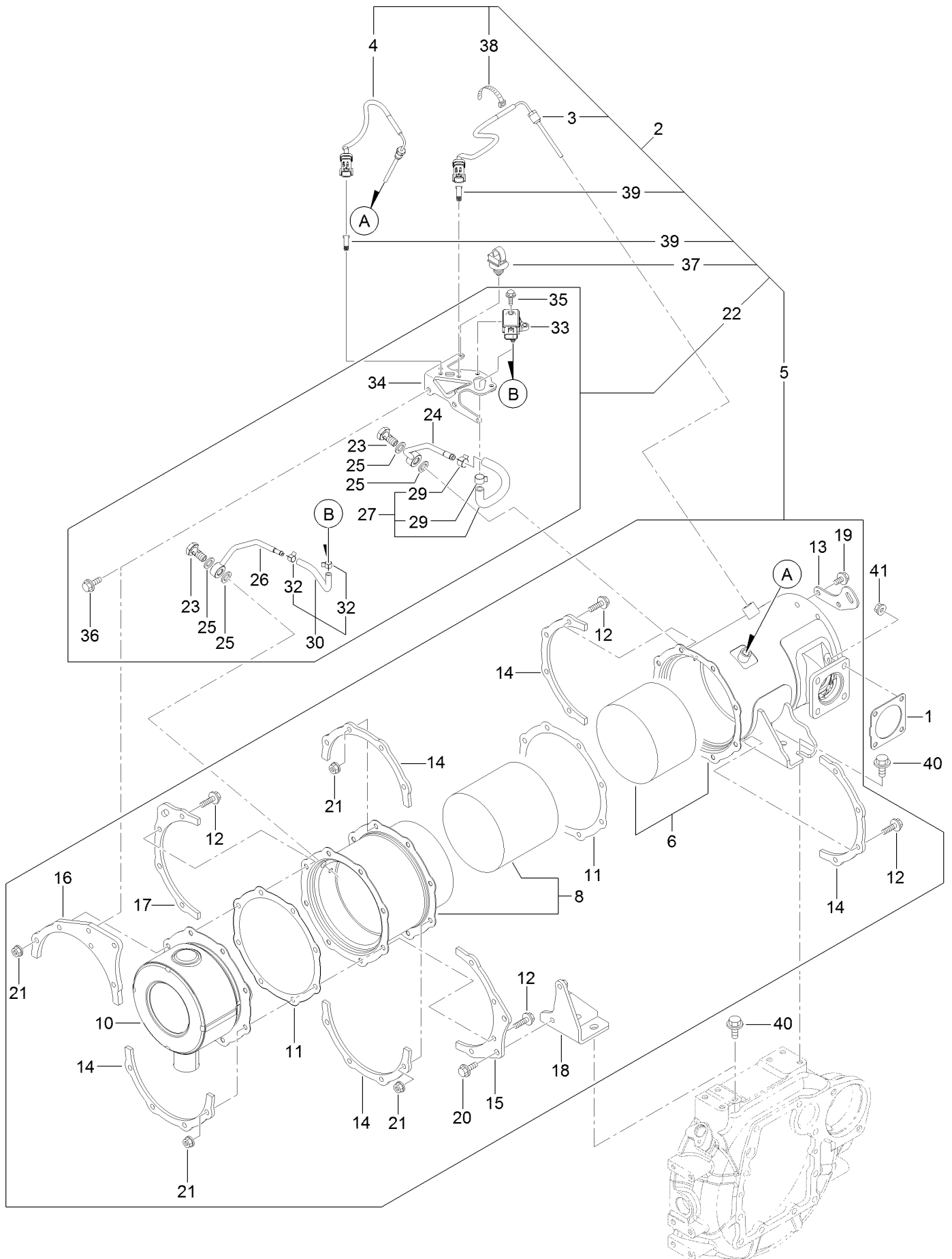
Exhaust Manifold Assembly



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	127-3775	1	Gasket-Manifold, Exhaust	17	127-2976	2	Bolt
2	127-4727	1	Manifold-Exhaust	18	127-3022	1	Bolt-Flange
3	127-3776	1	Bolt-Flange	19	127-3048	1	E G R Pipe ASM
4	127-3044	3	Bolt-M10	20	127-3049	1	Pipe-Out, E G R
5	127-4756	2	Stud	21	125-7043	2	Stud
6	127-3777	1	Sensor-Temp, Exhaust	22	125-7220	2	Bolt
7	127-3087	1	Band-Clip	23	127-3047	1	Sensor-Gas Temp, E G R
8	125-7043	4	Stud	24	127-3780	1	E G R Pipe ASM
9	125-7230	2	Nut	25	127-3016	1	Gasket
10	127-3038	1	Exhaust Pipe ASM	26	125-7215	2	Bolt
11	127-3173	2	Clamp	27	125-7229	2	Nut
12	127-3039	1	Bolt-Joint, Pipe	28	127-3781	1	Valve-E G R
13	127-3174	2	Gasket	29	127-3050	1	Gasket-Intake Valve, E G R
14	125-7206	2	Bolt	30	127-3051	1	Gasket-Out Valve, E G R
15	127-3042	1	Cooler-E G R	31	125-7229	2	Nut
16	127-3043	2	Gasket-Cooler, E G R				

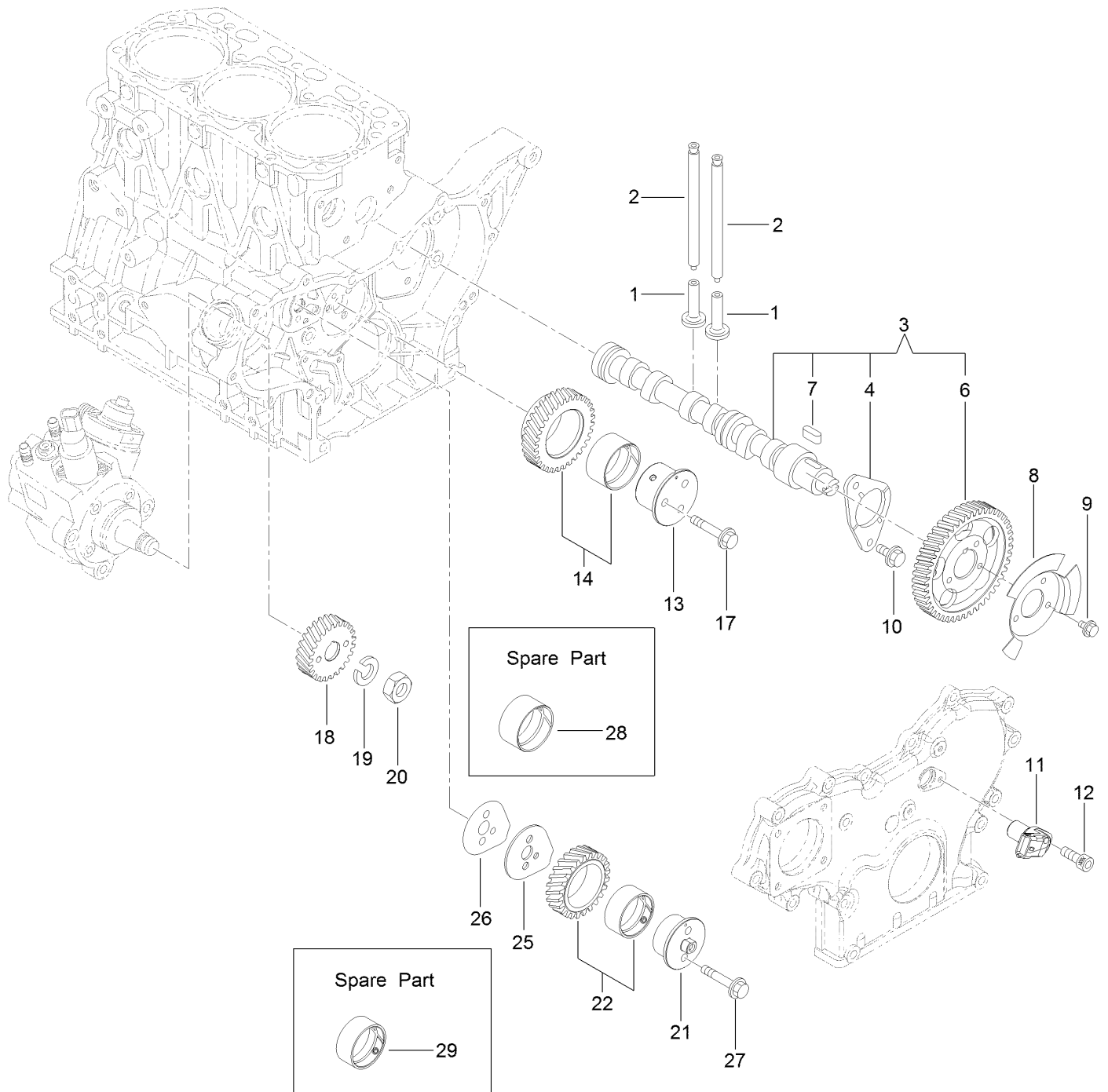
Diesel Particulate Filter Assembly



Diesel Particulate Filter Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3019	1	Gasket	22	127-4777	1	Sensor Pressure Unit
2	127-4742	1	Dpf Unit	23	127-3039	2	Bolt-Joint, Pipe
3	127-4764	1	Sensor-Temp, Exhaust	24	127-3795	1	Pipe-Sensor
4	127-3112	1	Sensor-Temp, Exhaust	25	127-3056	4	Gasket-Sensor
5	127-4730	1	D P F ASM	26	127-3796	1	Pipe-Sensor
6	127-4731	1	Case-Doc	27	127-4746	1	Exhaust Hose ASM
8	127-4733	1	Case-Soot Filter	29	127-3057	2	Clip-Hose
10	127-3786	1	Silencer-D P F	30	127-3059	1	Exhaust Pressure Hose
11	127-3859	2	Gasket-D P F				ASM
12	127-3055	16	Bolt	32	127-3058	2	Clip-Hose
13	127-3788	1	Lifter-D P F	33	127-4749	1	Sensor-Pressure
14	127-3789	5	Stiffener-D P F, A	34	127-3061	1	Bracket-Sensor, Pressure
15	127-3790	1	Stiffener-D P F, B	35	125-7208	2	Bolt
16	127-3791	1	Stiffener-D P F, C	36	125-7595	2	Bolt
17	127-3792	1	Stiffener-D P F, C	37	127-3087	1	Band-Clip
18	127-4737	1	Stay-Dpf	38	127-3124	1	Band
19	125-7213	2	Bolt	39	127-3088	2	Clip-Connector
20	125-7594	2	Bolt	40	127-4773	4	Bolt
21	125-7229	16	Nut	41	125-7229	4	Nut

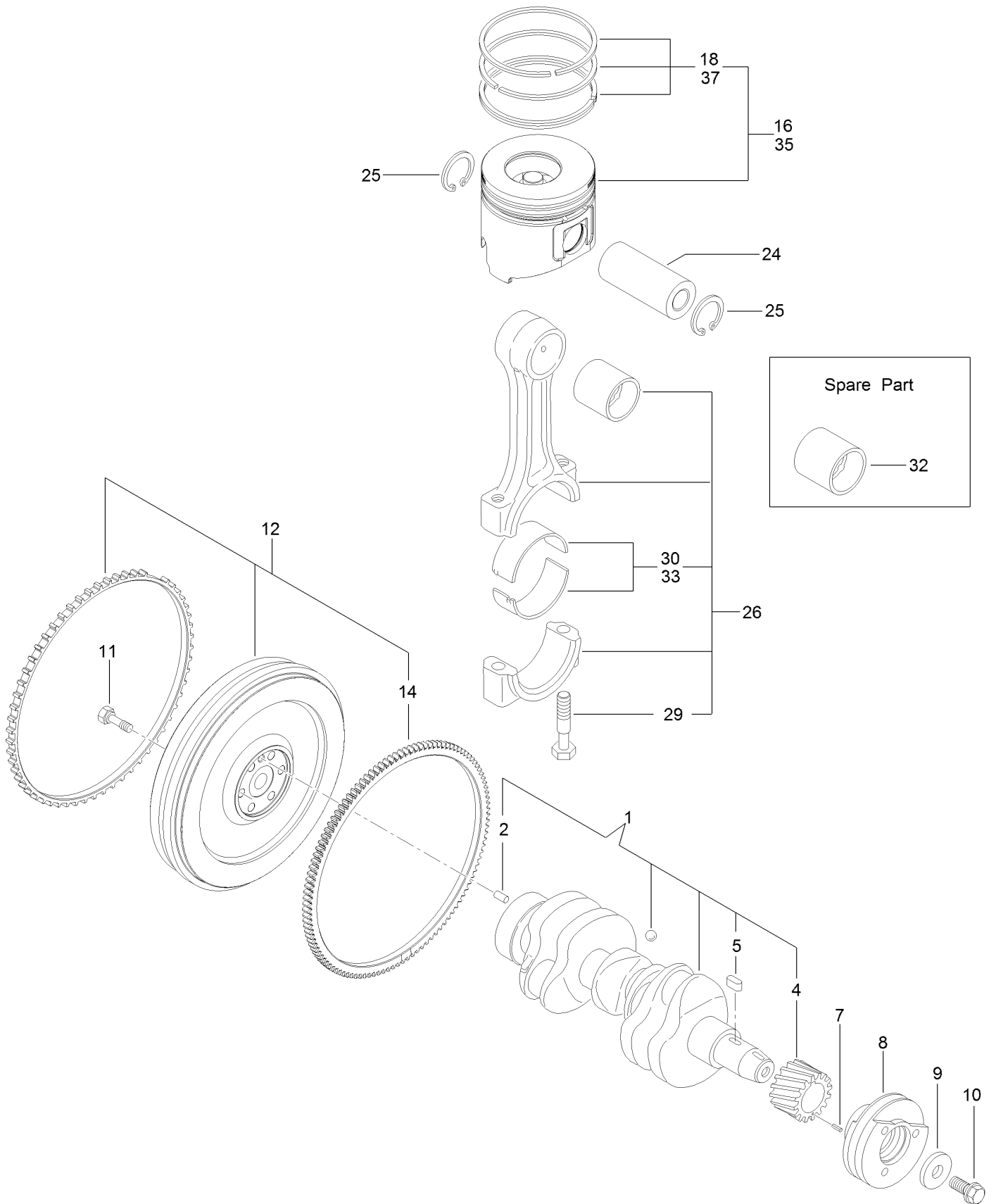
Camshaft and Driving Gear Assembly



Camshaft and Driving Gear 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	125-7016	6	Tappet	14	127-3066	1	Idle Gear A ASM
2	125-7017	6	Rod-Push	17	125-7219	3	Bolt
3	127-3797	1	Camshaft ASM	18	127-3070	1	Gear-Pump, Supply
4	125-7008	1	Metal-Thrust	19	127-3167	1	Washer-Spring
6	127-3052	1	Gear-Camshaft	20	127-3185	1	Nut-Lock
7	125-7185	1	Key	21	127-3064	1	Shaft-Idle, Gear B
8	127-3053	1	Pulser-Camshaft	22	127-3067	1	Idle Gear B ASM
9	125-7205	3	Bolt	25	127-3068	1	Plate-Idle, Shaft
10	125-7213	2	Bolt	26	127-3069	1	Gasket-Idle, Shaft B
11	127-3054	1	Sensor-Rev, Gear	27	125-7218	2	Bolt
12	127-3184	1	Bolt	28	125-6927	1	Bushing
13	127-3063	1	Shaft-Idle, Gear A	29	127-3065	1	Bushing

Crankshaft and Piston Assembly

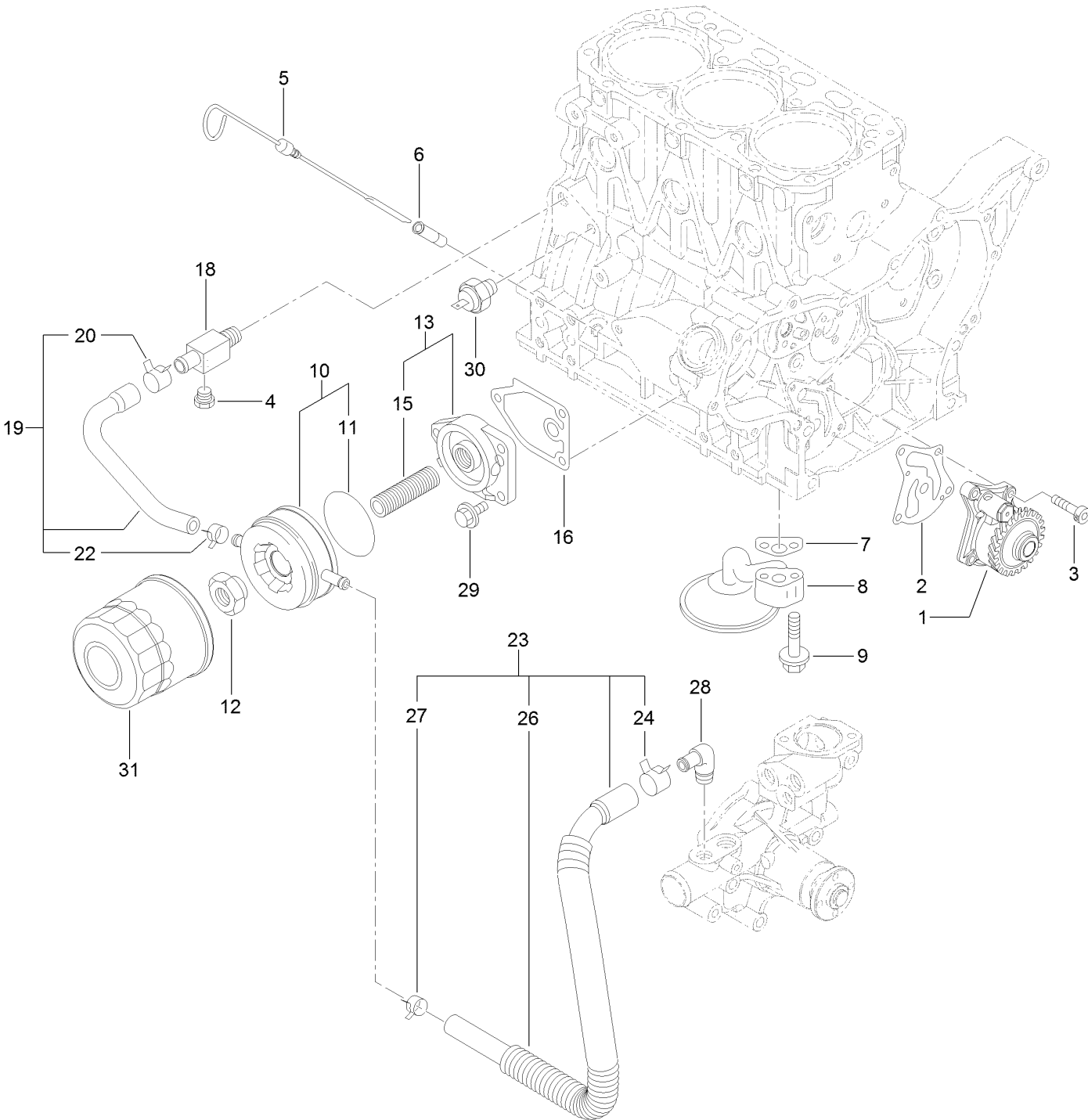


Crankshaft and Piston Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3800	1	Crankshaft ASM
2	125-6995	1	Pin
4	125-6937	1	Gear
5	125-7185	1	Key
7	125-7182	1	Pin-Spring
8	127-3801	1	Pulley-V
9	125-7109	1	Washer
10	125-6956	1	Bolt
11	125-6951	6	Bolt
12	127-3802	1	Flywheel ASM
14	125-6943	1	Gear

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
16	127-4766	3	Piston ASM
18	127-4751	3	Piston Ring ASM
24	125-7030	3	Pin
25	125-7180	6	Ring
26	125-7242	3	Connecting Rod ASM
29	125-6955	6	Bolt
30	125-7018	3	Pin-Crank
32	125-6997	3	Pin-Piston
33	125-7019	3	Pin-Crank (.25)
35	127-4767	3	Piston ASM (0.25 O S)
37	127-4752	3	Ring Set (0.25 O S)

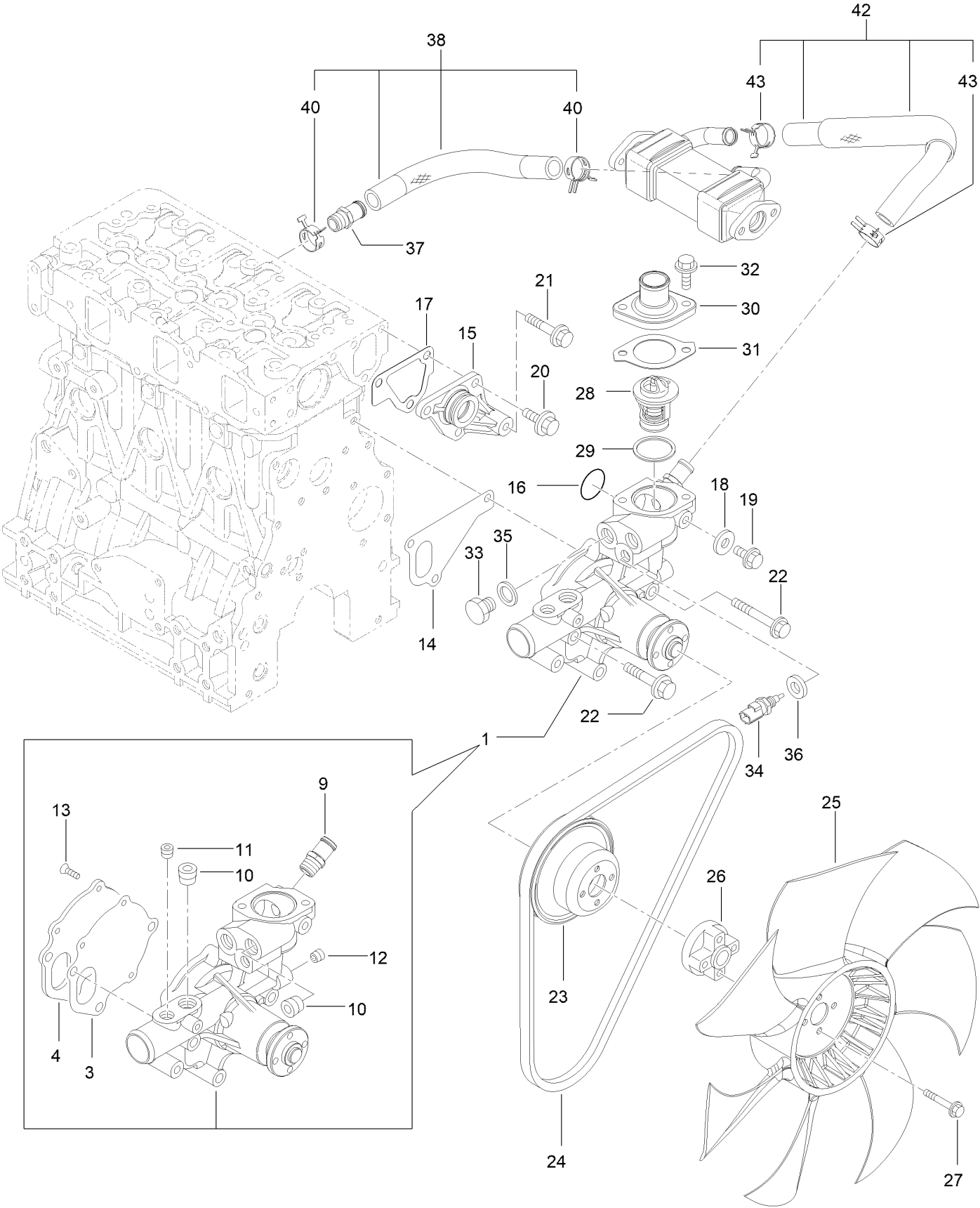
Lubrication and Oil System Assembly



Lubrication and Oil 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	127-4753	1	Oil Pump ASM	16	125-7024	1	Gasket
2	127-3004	1	Gasket	18	125-6990	1	Joint
3	125-7232	4	Bolt	19	125-7078	1	Pipe ASM
4	125-7171	1	Plug-Drain	20	125-7162	1	Clip
5	125-6987	1	Dipstick	22	125-7191	1	Clamp-Hose
6	125-6954	1	Guide-Dipstick	23	127-3804	1	Pipe ASM
7	125-7022	1	Gasket	24	125-7162	1	Clip
8	127-3803	1	Pipe ASM	26	127-3805	1	Tube
9	125-7217	2	Bolt	27	125-7191	1	Clamp-Hose
10	125-7074	1	Cooler ASM	28	125-7001	1	Elbow
11	125-7075	1	O-Ring	29	125-7595	3	Bolt
12	125-7041	1	Nut-Cooler, Oil	30	125-6918	1	Switch-Oil
13	125-6989	1	Bracket ASM	31	125-7025	1	Filter-Engine, Oil
15	125-7042	1	Stud				

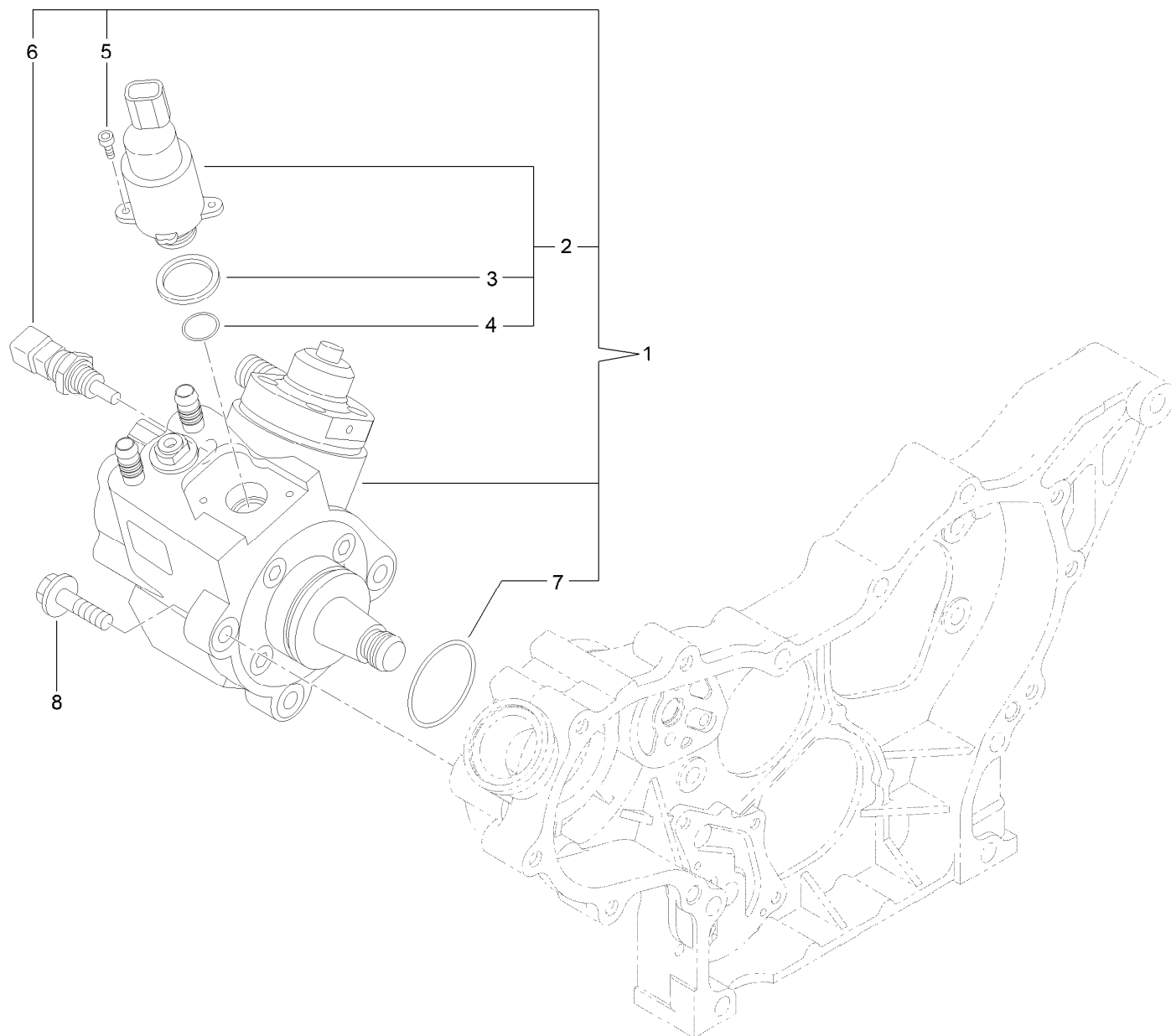
Cooling System Assembly



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	127-3071	1	Water Pump ASM	24	127-2998	1	V-Belt
3	125-6998	1	Gasket	25	127-4713	1	Fan
4	125-6999	1	Plate	26	127-4768	1	Spacer
9	127-3017	1	Joint	27	125-7211	4	Bolt
10	125-7123	2	Plug	28	125-7029	1	Thermostat
11	127-3175	1	Plug	29	125-7026	1	Gasket
12	125-7195	1	Plug	30	125-7034	1	Cover
13	125-7234	3	Screw	31	125-7110	1	Gasket
14	125-7047	1	Gasket	32	125-7594	2	Bolt
15	125-6986	1	Joint	33	125-6953	1	Plug
16	125-7048	1	O-Ring	34	125-7124	1	Sensor-Thermostat, CW
17	125-6978	1	Gasket	35	125-6979	1	Gasket
18	125-7192	1	Gasket	36	125-7176	1	Washer-Seal
19	93-0362	1	Bolt	37	127-3017	1	Joint
20	100-6928	3	Bolt	38	127-3072	1	Water In Pipe ASM
21	125-7219	1	Bolt	40	127-3020	2	Clip-Hose
22	125-7222	3	Bolt	42	127-3811	1	CW Pipe ASM
23	125-7039	1	V-Pulley	43	127-3020	2	Clip-Hose

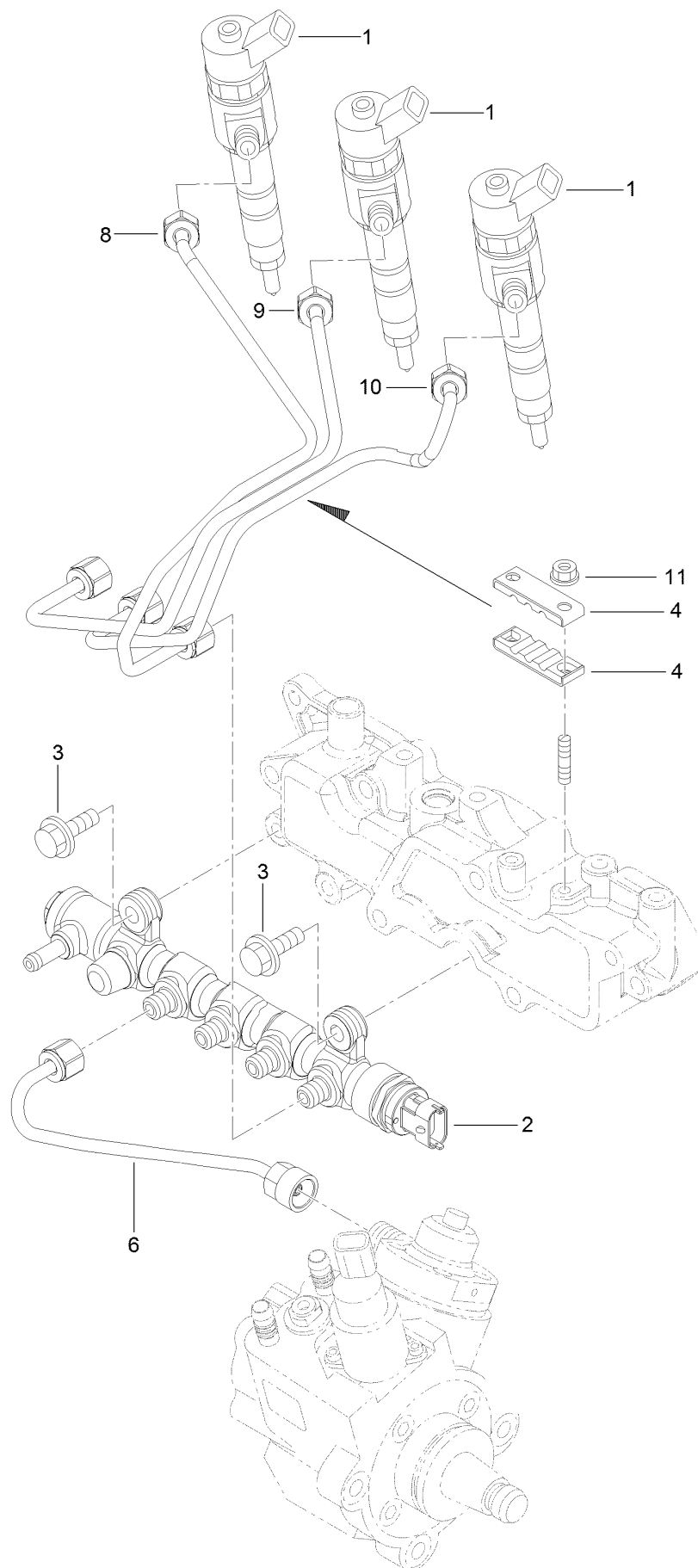
Fuel System Assembly



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	127-3073	1	Fuel Pump ASM	5	131-2107	2	Bolt
2	131-2103	1	Valve ASM	6	131-2108	1	Sensor-Temperature
3	131-2105	3	Ring-Sealing	7	127-3074	1	O-Ring
4	131-2106	1	O-Ring	8	125-7216	3	Bolt

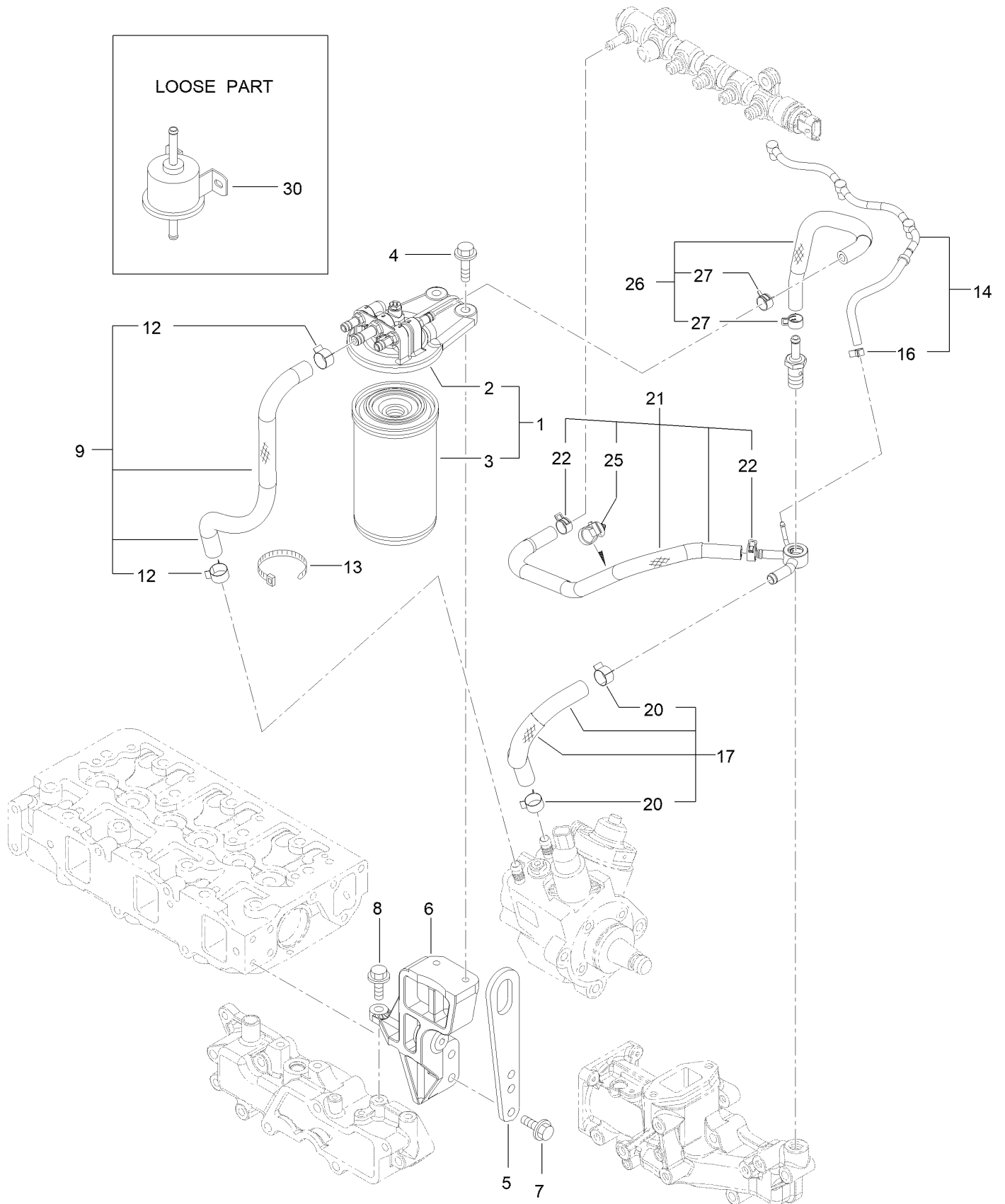
Fuel Injection Valve Assembly



Fuel Injection Valve Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-4754	3	Injector ASM	8	127-3814	1	Injection Pipe ASM
2	127-3812	1	Rail ASM	9	127-3083	1	Injection Pipe ASM
3	125-7215	2	Bolt	10	127-3084	1	Injection Pipe ASM
4	127-3813	2	Retainer	11	125-7231	2	Nut
6	127-3082	1	Rail In Pipe ASM				

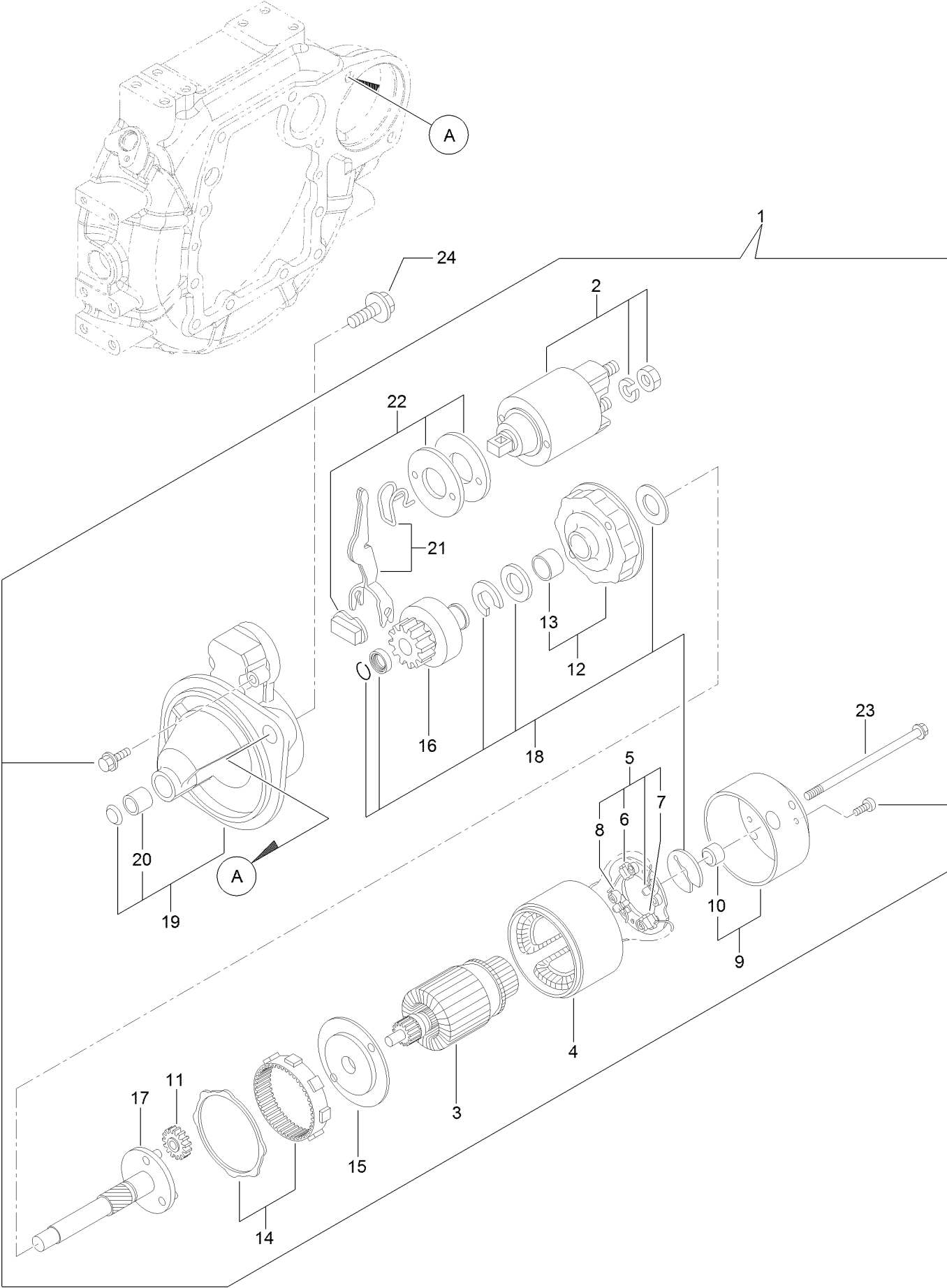
Fuel Line Assembly



Fuel Line Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3075	1	Fuel/Oil Filter ASM	14	127-3816	1	Fuel/Oil Return Pipe ASM
2	127-3076	1	Fuel/Oil Filter Bracket ASM	16	127-3172	1	Clamp-Hose
3	125-8752	1	Filter-Fuel/Oil	17	127-3078	1	Fuel Pipe ASM
4	125-7216	2	Bolt	20	125-7191	2	Clamp-Hose
5	125-7111	1	Lifter	21	127-3817	1	Fuel Pipe ASM
6	127-3815	1	Filter Bracket ASM	22	127-2950	2	Clip-Hose
7	125-7215	2	Bolt	25	127-3087	1	Band-Clip
8	125-7215	1	Bolt	26	127-3079	1	Fuel Pipe ASM
9	127-3077	1	Fuel Pipe ASM	27	127-2950	2	Clip-Hose
12	125-7191	2	Clamp-Hose	30	121-5613	1	Pump-Fuel, Electric
13	127-2981	1	Band				

Starting Motor Assembly

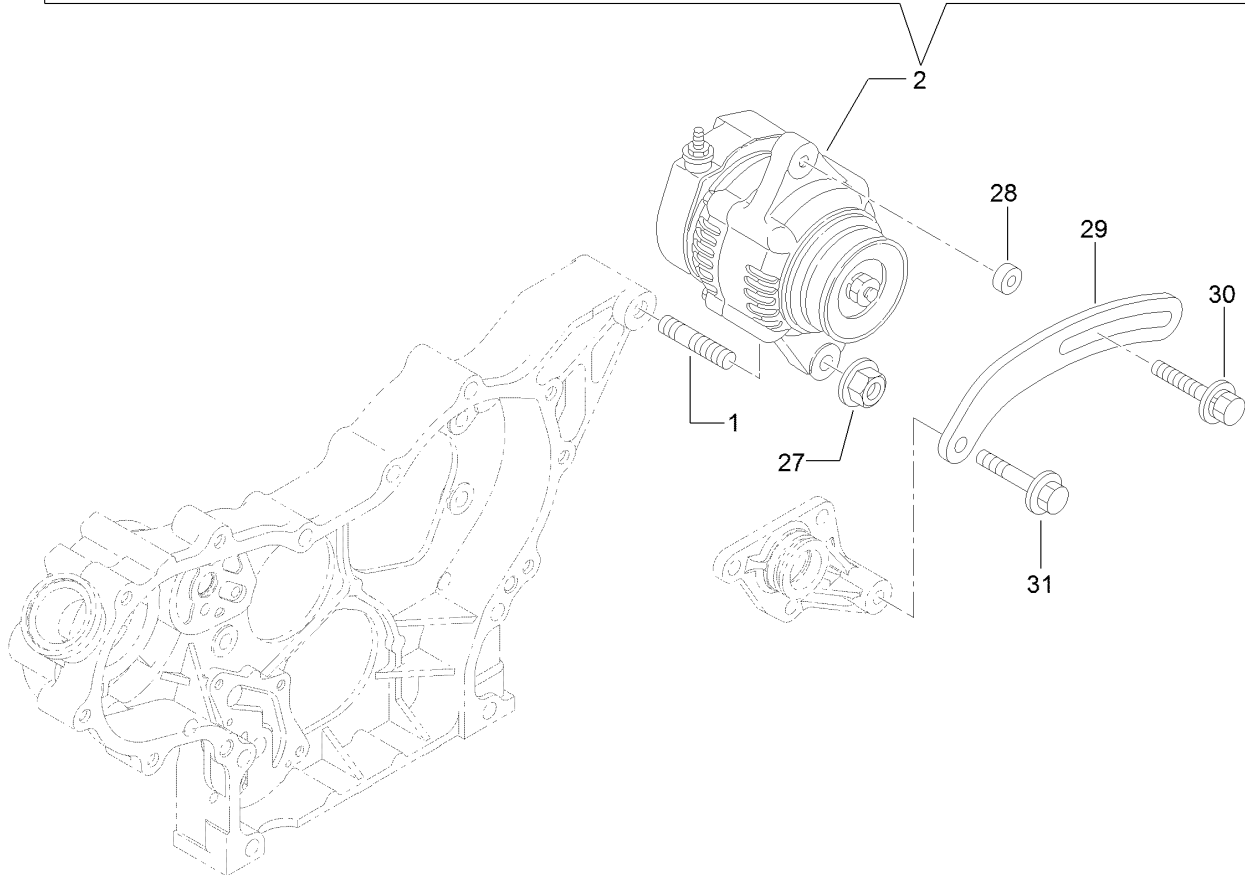
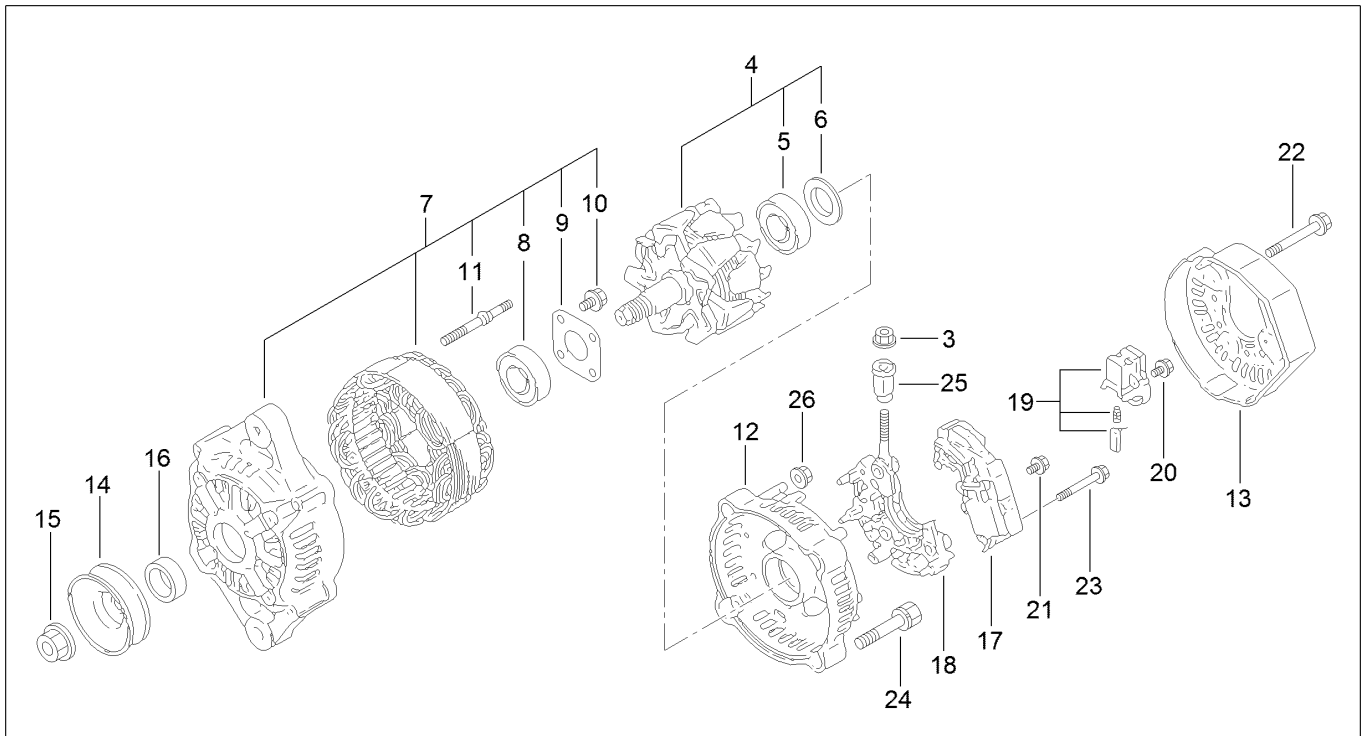


Starting Motor Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3818	1	Starter ASM
2	127-3819	1	Switch ASM
3	127-3820	1	Armature ASM
4	127-3821	1	Yoke ASM
5	127-3822	1	Brush Holder ASM
6	127-3823	2	Brush
7	127-3824	1	Brush Set
8	127-3825	4	Spring
9	127-3826	1	Cover ASM
10	127-3827	1	Metal
11	127-3828	3	Gear
12	127-3829	1	Bracket

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
13	127-3830	1	Bracket
14	127-3831	1	Gear
15	127-3832	1	Bracket
16	127-3833	1	Pinion ASM
17	127-3834	1	Shaft
18	127-3835	1	Washer Set
19	127-3836	1	Case ASM
20	127-3837	1	Metal-Starter
21	127-3838	1	Lever Set
22	127-3839	1	Dust Cover ASM
23	127-3840	2	Bolt-Through
24	125-7225	2	Bolt

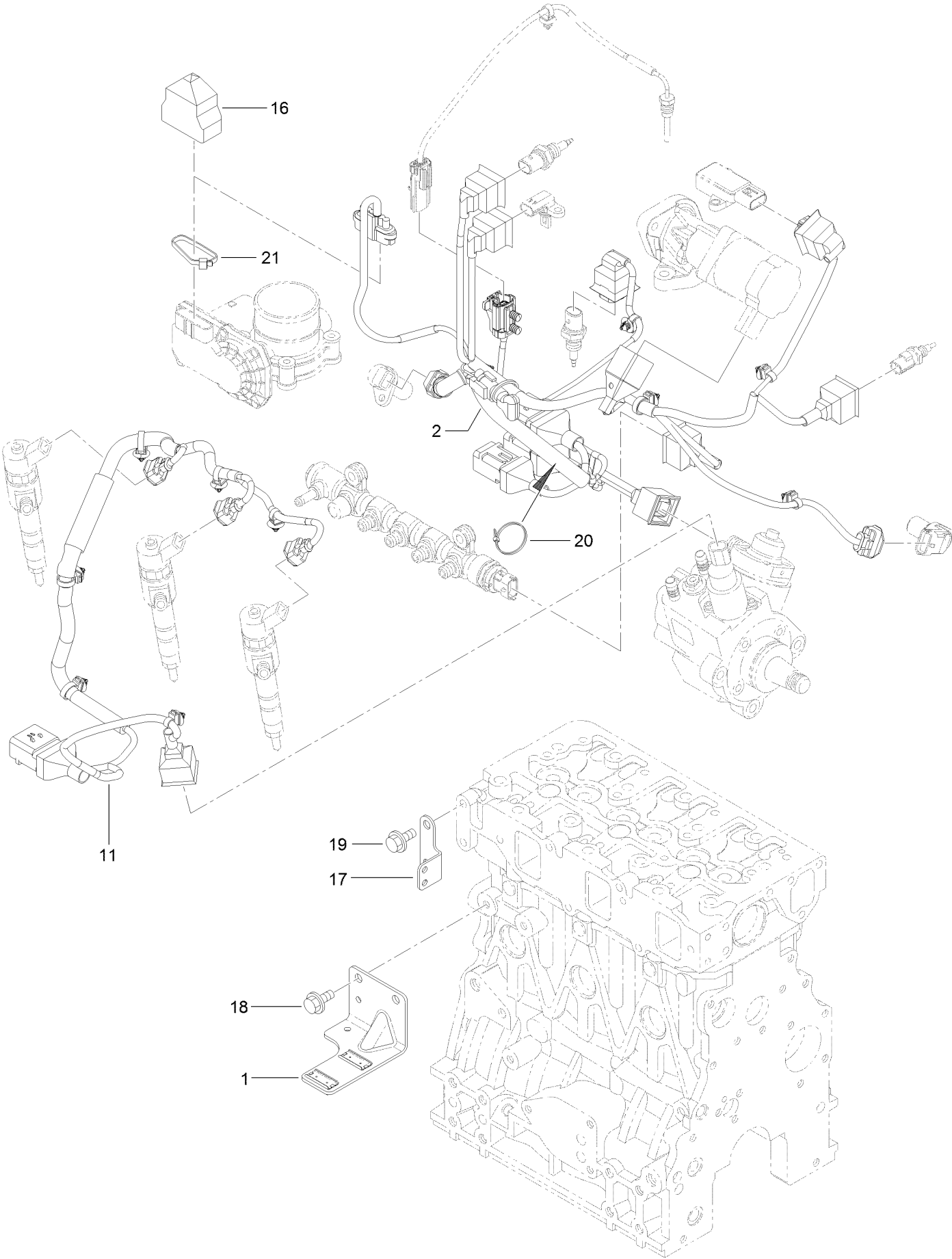
Generator Assembly



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	127-3011	1	Stud	17	127-3847	1	Regulator ASM
2	127-3841	1	Generator	18	127-3848	1	Holder
3	127-3190	1	Nut	19	127-2993	1	Holder
4	127-3843	1	Rotor ASM	20	127-2965	6	Screw
5	127-2983	1	Bearing-Ball	21	127-2966	1	Screw
6	127-2962	1	Cover	22	127-2967	3	Bolt
7	127-3844	1	Frame ASM	23	127-2968	2	Screw
8	127-2958	1	Bearing-Ball	24	127-2969	2	Bolt
9	127-2959	1	Plate-Retainer	25	127-2970	1	Bushing-Insulation
10	127-2960	4	Screw	26	127-2971	2	Nut
11	127-2961	2	Stud	27	125-7230	1	Nut
12	127-3845	1	Frame	28	125-6947	1	Spacer
13	127-3846	1	Cover	29	127-2977	1	Adjuster
14	127-2954	1	Pulley	30	125-7134	1	Bolt
15	127-2955	1	Nut	31	125-7219	1	Bolt
16	127-2957	1	Collar				

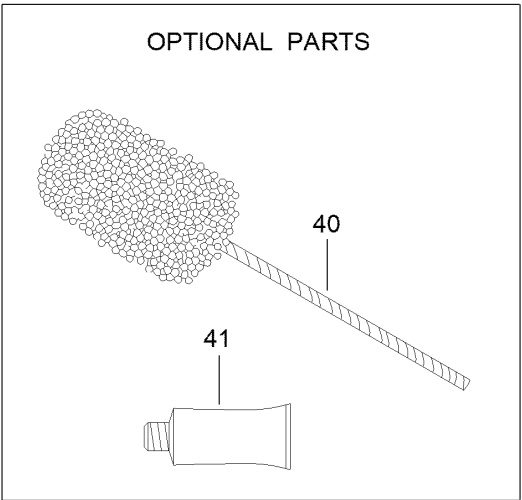
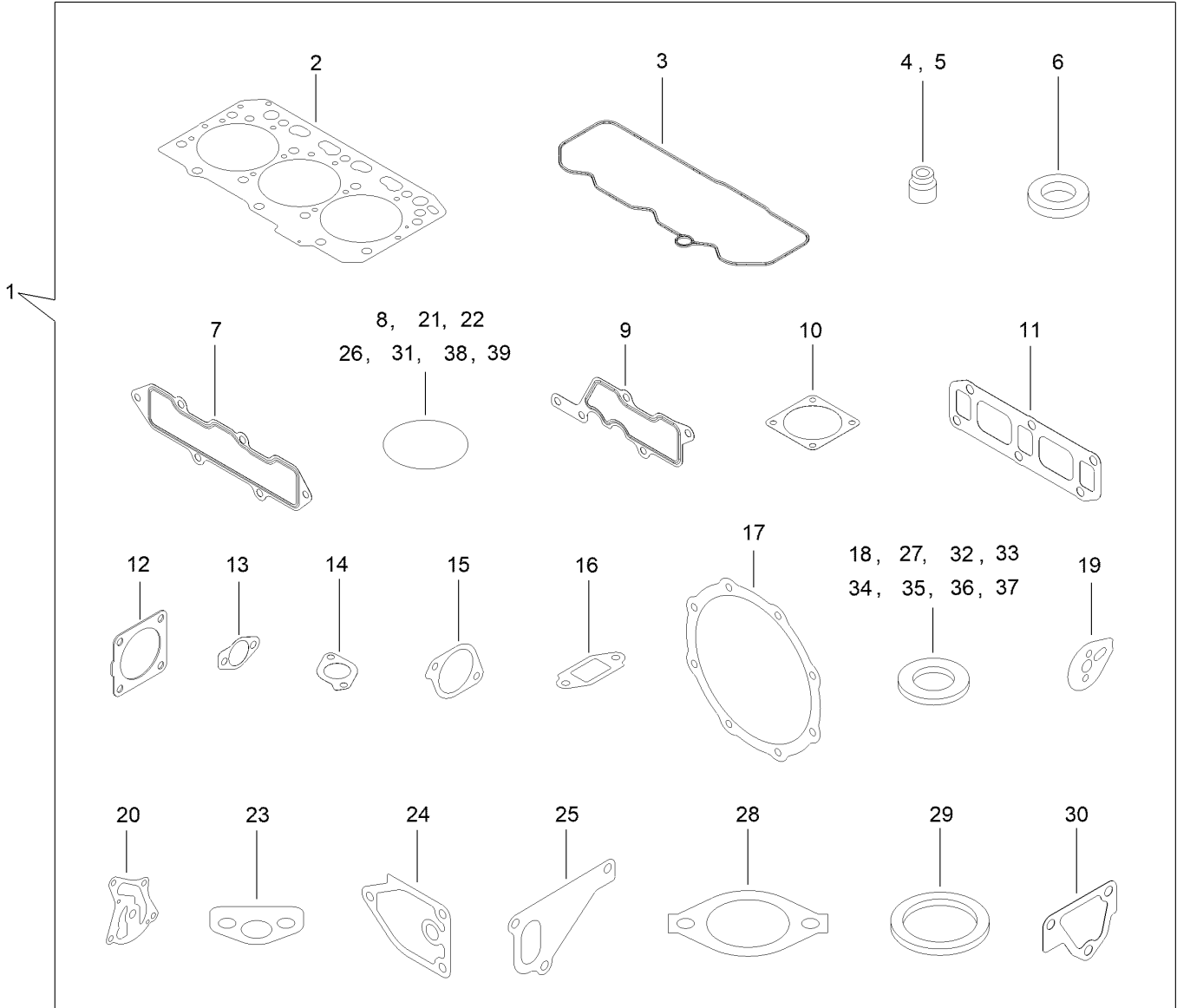
Electric Parts Assembly



Electric Parts Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	127-3086	1	Bracket-Connector	18	93-0362	2	Bolt
2	127-4755	1	Harness	19	93-0362	2	Bolt
11	130-7438	1	Harness	20	127-3187	1	Band
16	127-3089	1	Boot-Type, Cap	21	127-3188	1	Band
17	127-3090	1	Bracket-Harness				

Gasket Set



Gasket Set (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	127-4776	1	Gasket Kit	22	127-2973	1	O-Ring
2	127-4716	1	Head Gasket ASM	23	125-7022	1	Gasket
3	127-3856	1	Gasket-Valve Cover	24	125-7024	1	Gasket
4	127-2986	3	Seal-Stem, Valve	25	125-7047	1	Gasket
5	127-3027	3	Seal-Stem, Valve	26	125-7048	1	O-Ring
6	127-3021	3	Gasket-Injector	27	125-6979	1	Gasket
7	127-3857	1	Gasket-Manifold, Intake	28	125-7110	1	Gasket
8	127-3033	1	O-Ring	29	125-7026	1	Gasket
9	127-3034	1	Gasket-Collector	30	125-6978	1	Gasket
10	127-3037	2	Gasket-Throttle	31	127-3074	1	O-Ring
11	127-3775	1	Gasket-Manifold, Exhaust	32	125-7174	1	Washer-Seal
12	127-3019	1	Gasket	33	125-7176	1	Washer-Seal
13	127-3043	2	Gasket-Cooler, E G R	34	127-3166	2	Washer-Seal
14	127-3016	1	Gasket	35	125-7177	1	Washer-Seal
15	127-3050	1	Gasket-Intake Valve, E G R	36	125-7192	1	Gasket
16	127-3051	1	Gasket-Out Valve, E G R	37	127-3174	2	Gasket
17	127-3859	2	Gasket-D P F	38	93-0418	3	O-Ring
18	127-3056	4	Gasket-Sensor	39	125-7197	2	O-Ring
19	127-3069	1	Gasket-Idle, Shaft B	40	127-3000	1	Hone
20	127-3004	1	Gasket	41	125-7248	1	Gasket-Liquid
21	125-6909	2	O-Ring				

Attachments and Accessories

For 03954 Reelmaster 5510-D Traction Unit

Product Name	Model/Part
CrossTrax All-Wheel Drive Kit, Reelmaster 5010-H, 5410-D, or 5510-D Series Traction Unit	03645
Air Ride Seat Suspension Kit	03667
Hi-Back Seat Cover	133-1308
Brush and Handle Kit	29-9100
Verticutter for 7in Reel Cutting Unit	03619
8-Blade Radial Reel DPA Cutting Unit with 7in Reel	03638
8-Blade Forward Swept Reel DPA Cutting Unit with 7in Reel	03639
11-Blade Forward Swept Reel DPA Cutting Unit with 7in Reel	03641
PX Hydraulic Fluid (55 Gal).....	133-8087
PX Hydraulic Fluid (5 Gal)	133-8086
Premium Synthetic Bio-Degradable Hydraulic Fluid (5 Gallon Pail)	119-2157
Premium Synthetic Bio-Degradable Hydraulic Fluid (55 Gallon Drum).....	119-2158
Premium All Purpose Grease (Tube)	108-1190
Premium Engine Oil 10w30 (55 Gallon Drum)	121-6392
Premium Engine Oil 10w30 (5 Gallon Pail)	121-6393
5in Air Cleaner Safety Element	114-4057
MVP Kit 1000 Hour-rm5x10/gm4300 Yanmar	145-2580
MVP Kit-Hyd Hose	145-2576
Wheel Weight Kit	104-1478
Rear Lift Cylinder Limit Kit	110-9604
EU Light Kit.....	31579
Smooth Front Tire	133-2940
Smooth Rear Tire	127-2796
Pin and Lanyard Asm	136-8045
White Universal Sunshade	30669
Red Universal Sunshade	30671
Operator Cooling Fan	03247
Switch Panel-Universal Sunshade.....	03248
Beacon Kit	138-2699
Work Lights Kit, Groundsmaster and Reelmaster Traction Units with Universal Sunshade.....	140-1554
Power Harness Kit (RM5XXX)	138-2994
Operator Golf Ball Guard, Reelmaster 3100/3500/5010 or Groundsmaster 3500/4300 Series Traction Unit	03614
7-in, 11 Blade ES (RR) DPA Cutting Unit	03643
Fuel Cooler Kit [yanmar Rm5x10, Gm4300]	139-6040
Semi-Gloss Black Spray Paint.....	361-9
Dark Metallic Gray Aerosol Paint	361-12
New Red Paint - Gallon	361-11
Air Dry Red Paint - Qt	5340
Turf Evaluator	04399
Spark Arrestor	98-9099

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Count on it.