



Count on it.

Parts Catalog

**Reelmaster® 5410-D
Traction Unit**

Model No. 03952—Serial No. 420300000 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.

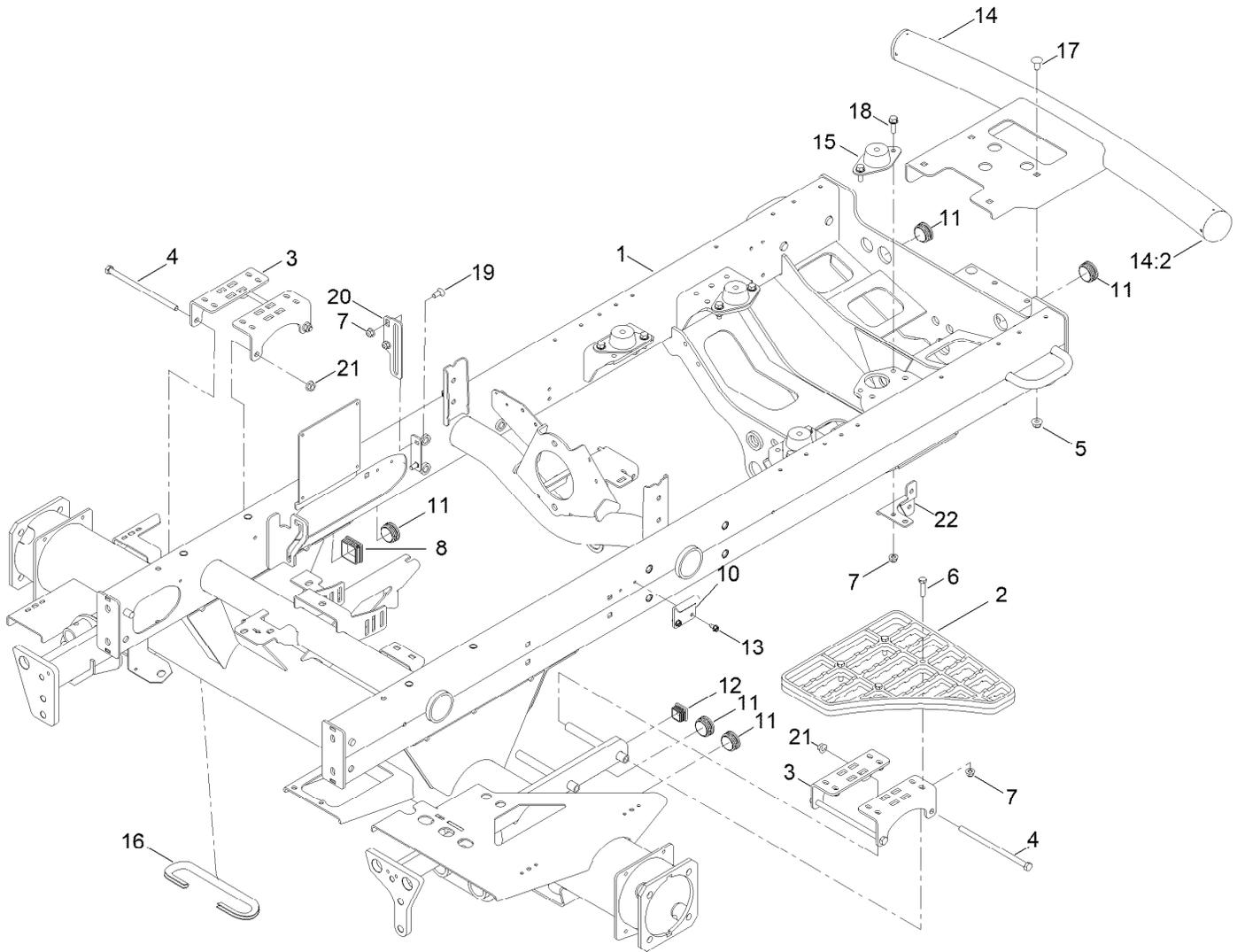
Contents

Frame Assembly	6
Platform and Shroud Assembly	8
Pedal Assembly	10
Steering Assembly	12
Steering Tilt Column Assembly No. 106-3622	14
Steering Valve Assembly No. 106-3621	15
Control Panel Assembly	16
Joystick Bracket Assembly No. 120-5280	18
Front Axle Assembly	19
Rear Axle Assembly	20
Tie Rod Assembly No. 139-6029	21
Hub and Spindle Assembly No. 117-8961	22
No. 1, 4 and 5 Lift Arm Hydraulic Assembly	23
No. 2 and 3 Lift Arm Assembly	25
Seat and Control Arm Wiring Harness Assembly	26
Main Wiring Harness Assembly	27
Wire Harness Assembly No. 122-2912	28
Battery Mounting Assembly	29
Gear Pump Assembly	30
Gear Pump Assembly No. 105-7576	31
Seat Base Assembly	32
Hood Assembly	33
Radiator Assembly	34
Hydraulic Tank Assembly	35
Fuel System Assembly	36
Seat and Roll-Over Protection System Assembly	37
Seat Assembly No. 139-2700	38
Mechanical Seat Suspension Assembly No. 145-5295	39
Traction Pump Mounting Assembly	40
Hydraulic Pump Assembly No. 144-2060	41
Traction Hydraulic Assembly	43
Hydraulic Motor Assembly No. 163-3542	44
Hydraulic Motor Assembly No. 163-3543	45
Hydraulic Brake Assembly	46
Brake Release Manifold Assembly No. 139-6046	47
No. 1, 4 and 5 Reel Drive Hydraulic Assembly	48
Hydraulic Reel Motor Assembly No. 120-2072	50
Manifold Assembly No. 121-5628	51
No. 2 and 3 Reel Drive Hydraulic Assembly	52
No. 1, 4 and 5 Lift Arm Hydraulic Assembly	54
Hydraulic Cylinder Assembly No. 163-2624	55
Hydraulic Cylinder Assembly No. 163-3534	56
Hydraulic Manifold Block Assembly No. 105-7577	57
Rear Lift Hydraulic Assembly	58
Steering Hydraulic Assembly	59
Hydraulic Cylinder Assembly No. 110-9035	61
Engine, Air Cleaner and Drive Shaft Assembly	62
Air Cleaner Assembly No. 106-5277	64
Driveshaft Assembly No. 145-2508	66
Crankcase Assembly	68
Oil Pan Assembly	69
Cylinder Head Assembly	70
Gear Case Assembly	71
Cylinder Head Cover Assembly	72

Contents (continued)

Dipstick and Guide Assembly	73
Main Bearing Case Assembly	74
Camshaft and Idle Gear Assembly	75
Piston and Crankshaft Assembly	76
Flywheel Assembly	77
Fuel Camshaft and Governor Shaft Assembly	78
Idle Apparatus Assembly	79
Injection Pump Assembly	80
Governor Assembly	81
Speed Control Plate Assembly	82
Nozzle Holder and Glow Plug Assembly	83
Nozzle Holder Component Assembly	84
Alternator and Pulley Assembly	85
Alternator Components Assembly	86
Starter Assembly	87
Starter Component Part Assembly No. 111-7496	88
Thermostat Assembly	89
Water Pump Assembly	90
Valve and Rocker Arm Assembly	91
Intake and Exhaust Manifold Assembly	92
Muffler Gasket and Operator Manual Assembly	93
Attachments and Accessories	94

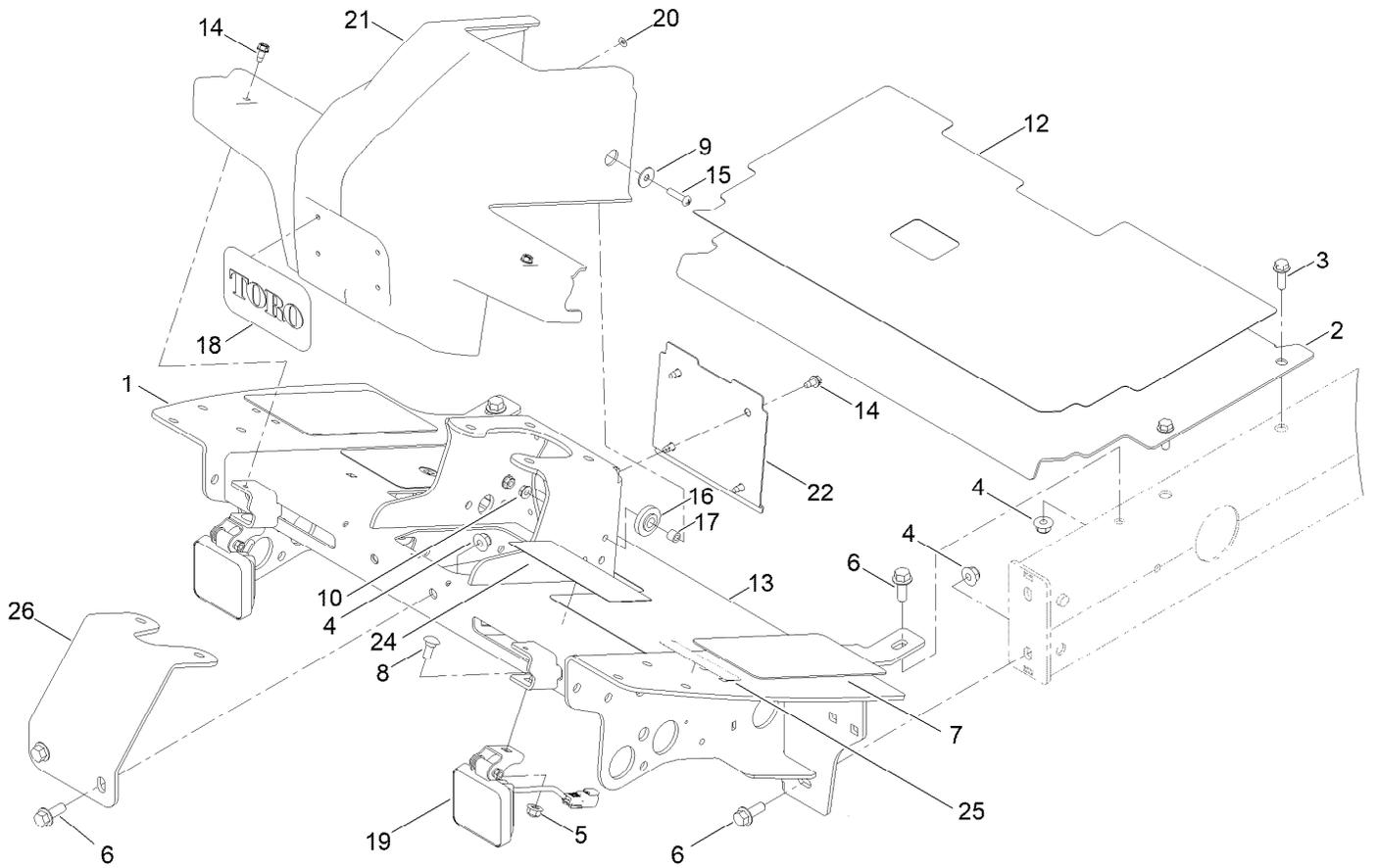
Frame Assembly



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	145-2469	1	Frame ASM	13	32104-17	2	Screw-HWH
2	110-9041	1	Step-Aluminum	14	147-3550	1	Bumper ASM
3	127-2697-01	4	Bracket-Step	14:2	2410-42	2	Cap-End
4	323-36	4	Screw-HH	15	120-6274	4	Mount-Engine
5	119-4042	4	Nut-HF, NI	16	145-2520	1	Trim-Brake Hose
6	322-17	4	Screw-HH	17	3231-21	4	Screw-CARR
7	119-4041	14	Nut-HF	18	3234-29	8	Screw-HHF
8	95-9495	1	Cap	19	3230-1	2	Bolt-CARR
10	110-8972	1	Hook-Latch	20	108-7584-01	1	Plate-Guide, Rod
11	110-9012	3	Caplug	21	32128-21	4	Nut-HF Lock
12	110-9013	1	Caplug	22	133-2985	1	Brkt-Tube Clamp

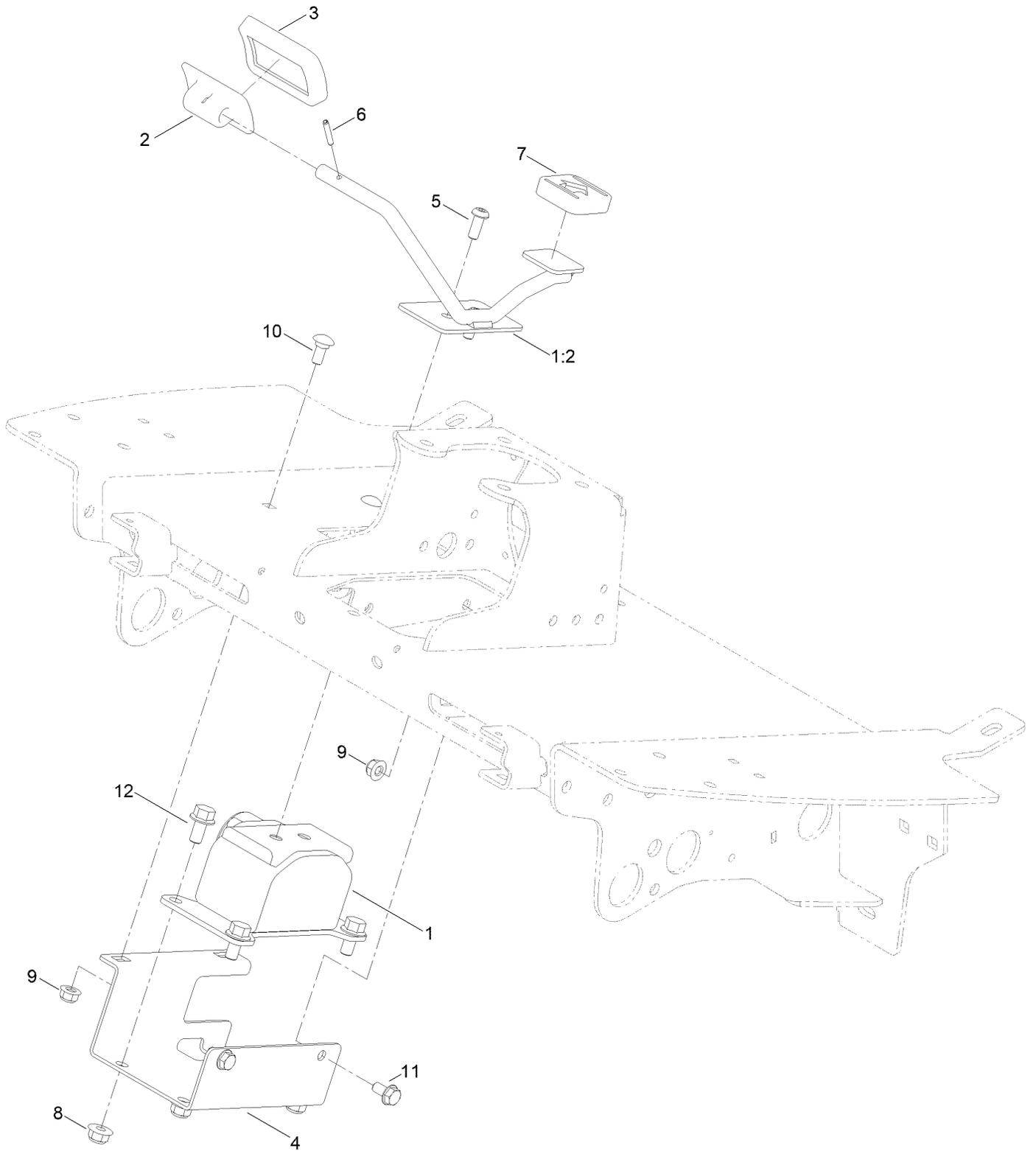
Platform and Shroud Assembly



Platform and Shroud 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	145-2490-01	1	Platform ASM	15	106-9518	2	Screw-PRH
2	115-8064-01	1	Plate-Floor	16	240-11	2	Bushing-Flange
3	3234-17	4	Screw-HHF	17	66-8010	2	Spacer
4	119-4042	6	Nut-HF, NI	18	93-6028	1	Plate-Logo
5	119-4041	2	Nut-HF	19	145-2598	2	Light-Work, LED
6	3234-11	6	Screw-HHF	20	138-6996	4	Nut-Push
7	125-2910	2	Tread-Floor, Side	21	110-0944	1	Shroud-Platform
8	3230-1	2	Bolt-CARR	22	110-0947-03	1	Plate-Cover
9	87-6630	2	Washer-Plain	24	133-2930	1	Decal-Danger
10	32128-33	2	Nut-HF	24	133-2931	1	Decal-Danger (CE)
12	125-2911	1	Tread-Panel, Service	25	133-8062	1	Decal-Spark Arrestor
13	145-2510	1	Tread-Floor Board	26	110-8876-0P	1	Brace-Column
14	32104-17	6	Screw-HWH				

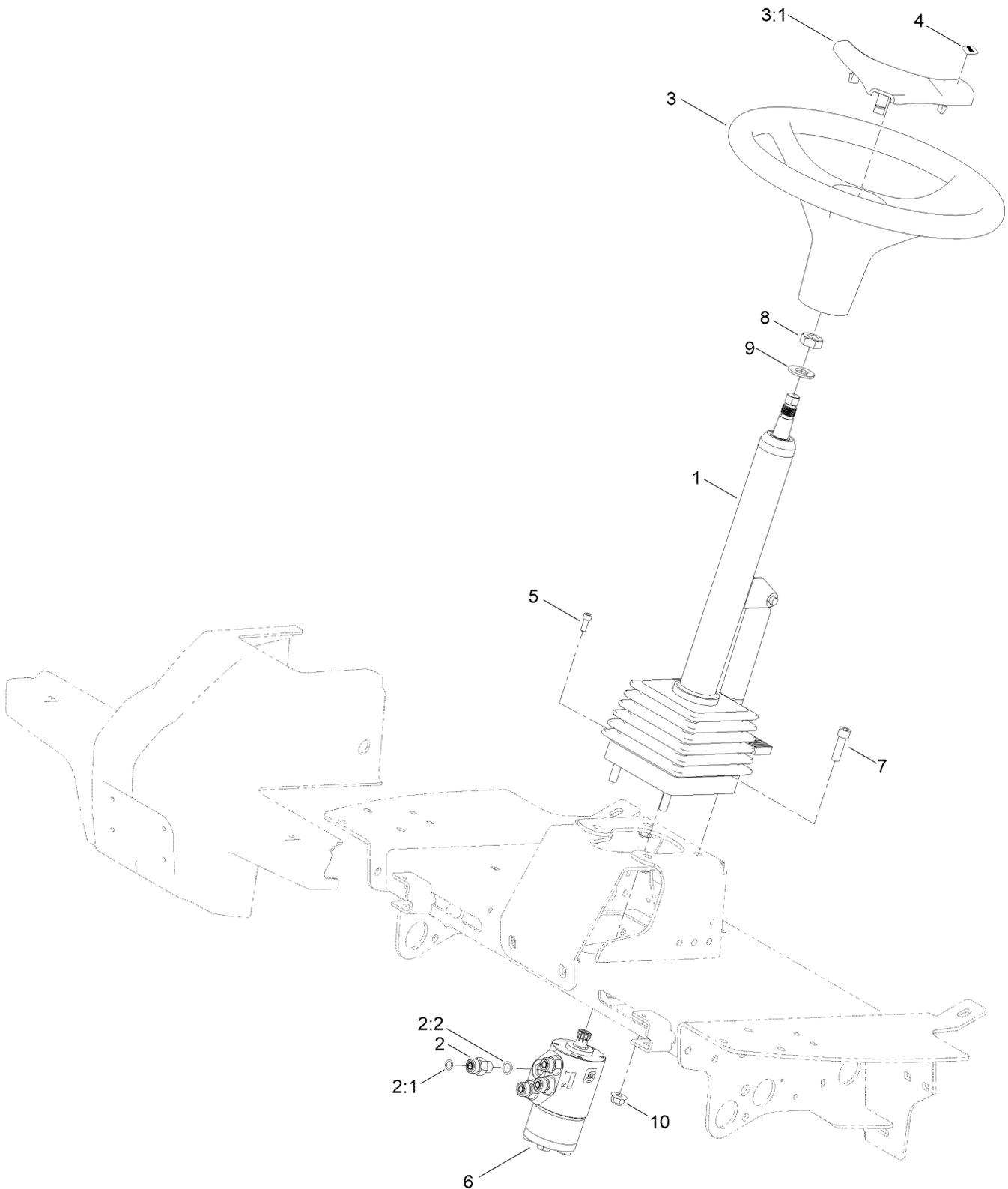
Pedal Assembly



Pedal Assembly (continued)

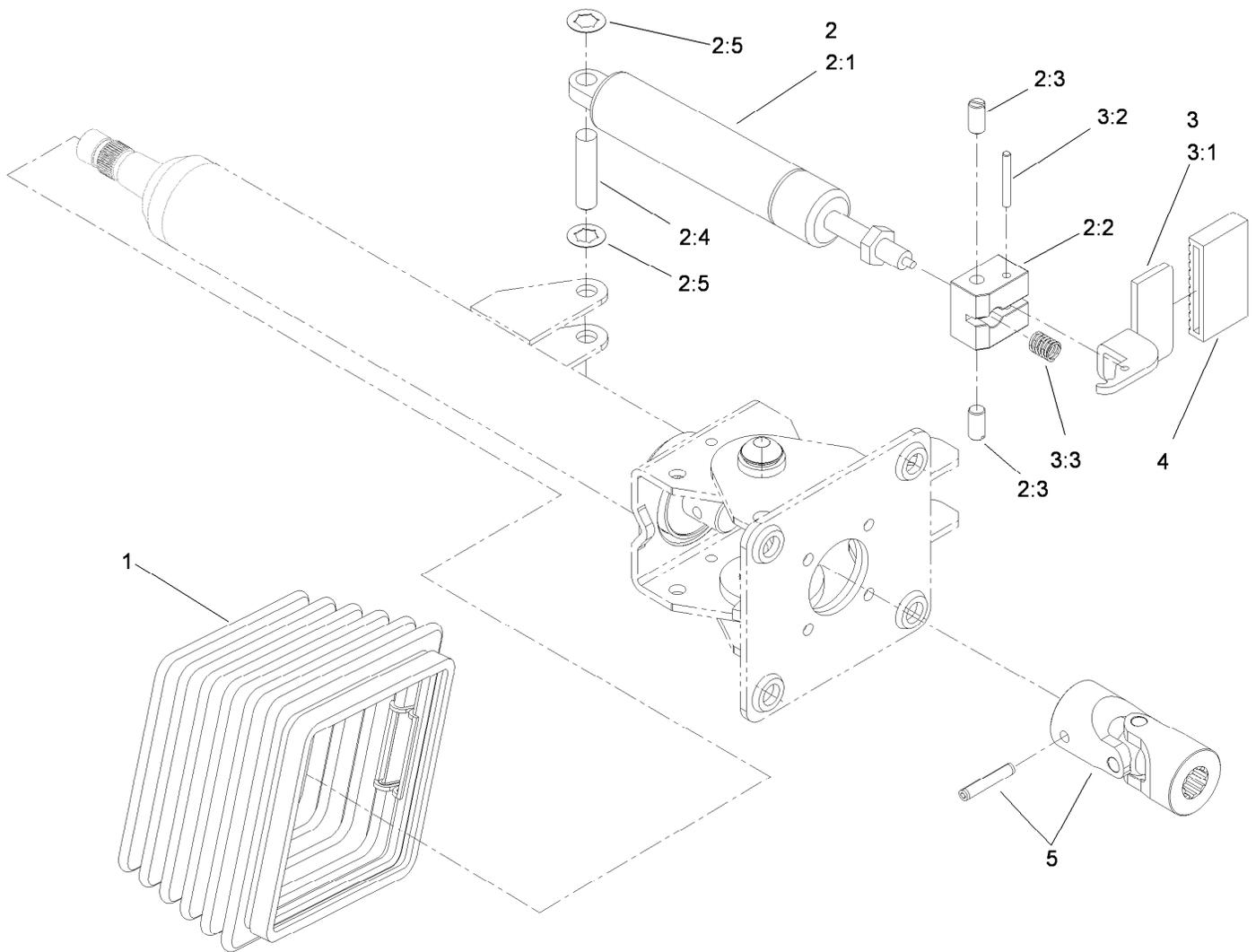
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	145-2545	1	E-Pedal ASM	7	74-9110	1	Pad-Pedal, Reverse
1:2	145-2521	1	Pedal ASM	8	119-4042	4	Nut-HF, NI
2	117-9507	1	Pedal-Accelerator	9	119-4041	4	Nut-HF
3	74-9100	1	Pad-Pedal, Forward	10	3230-1	2	Bolt-CARR
4	145-2489-0P	1	Bracket-Pedal, Mount	11	3234-7	2	Screw-HHF
5	3274-96	2	Screw-HSBH	12	3234-1	4	Screw-HHF
6	32121-45	1	Pin-Spring				

Steering Assembly



Steering Assembly (continued)

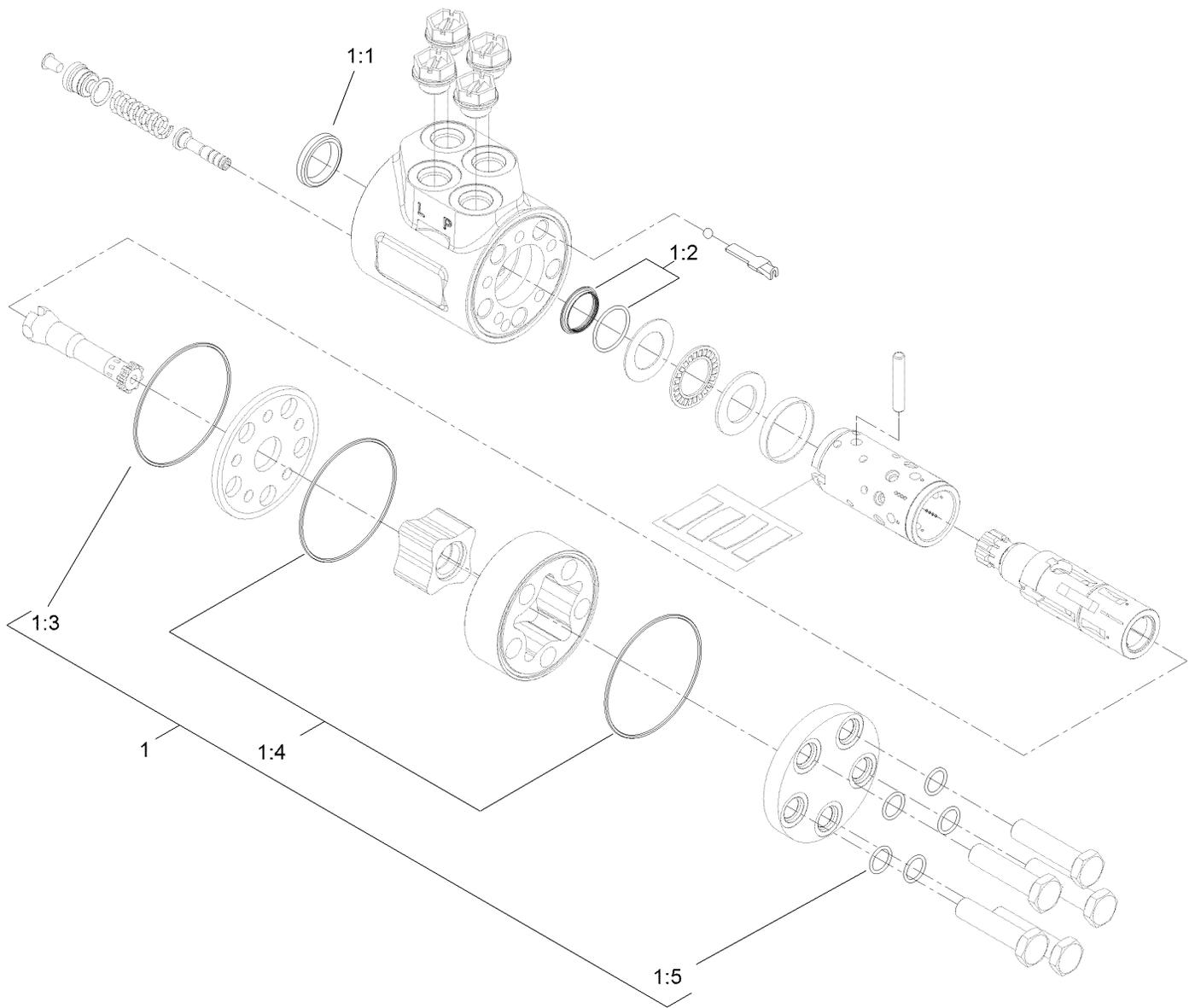
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	106-3622	1	Steering Tilt Column ASM	5	105-2409	4	Screw-HSH
2	340-2	4	Fitting-Straight	6	106-3621	1	Steering Valve ASM
2:1	237-22	1	O-Ring	7	3274-1	4	Screw-HSH
2:2	237-42	1	O-Ring	8	3296-33	1	Nut-Lock, NI
3	98-1471	1	Wheel-Steering	9	3256-27	1	Washer-Flat
3:1	98-1468	1	Cover-Wheel, Steering	10	119-4042	4	Nut-HF, NI
4	98-1459	1	Decal				



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

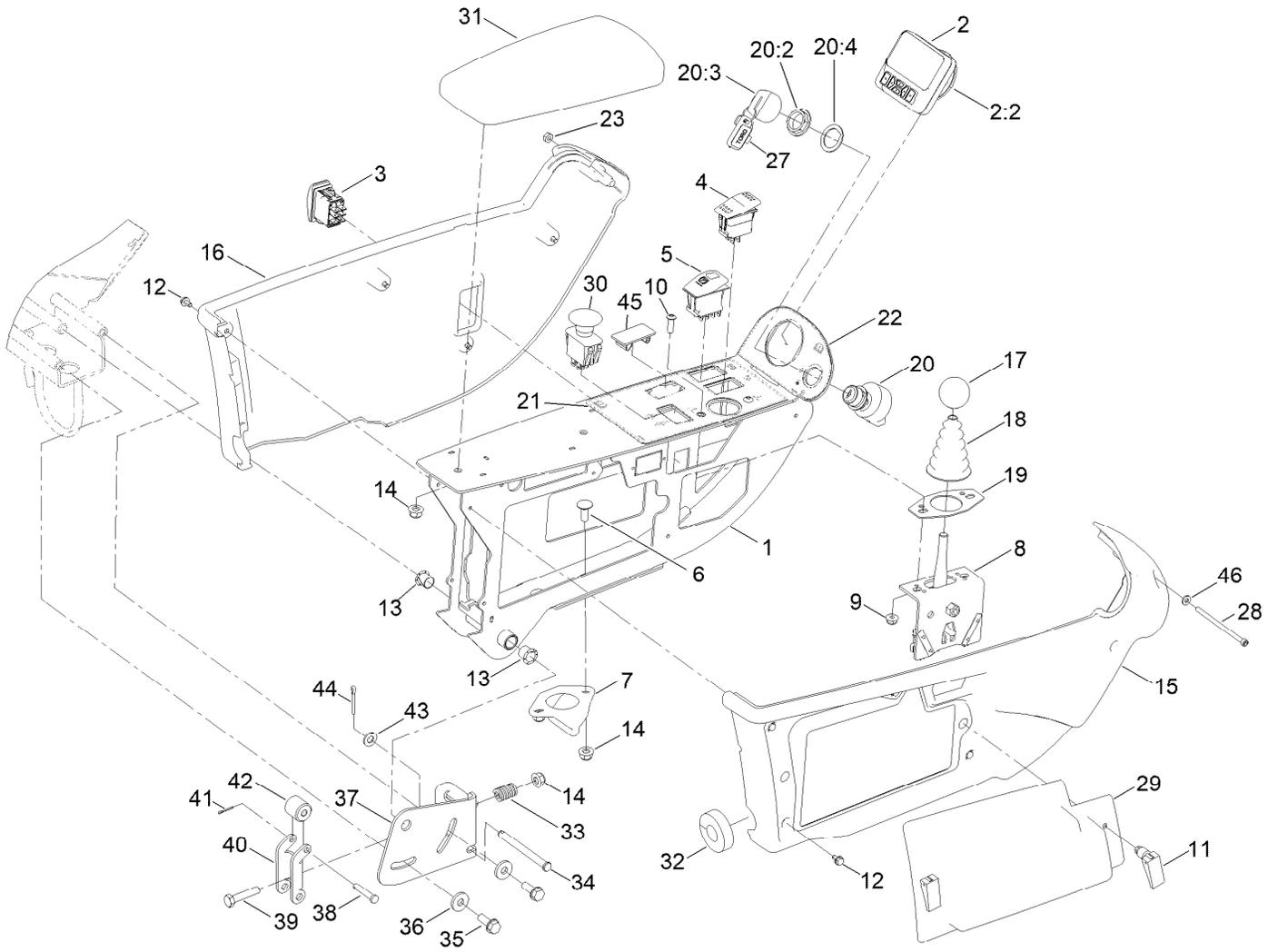


Steering Valve Assembly No. 106-3621

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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 ●

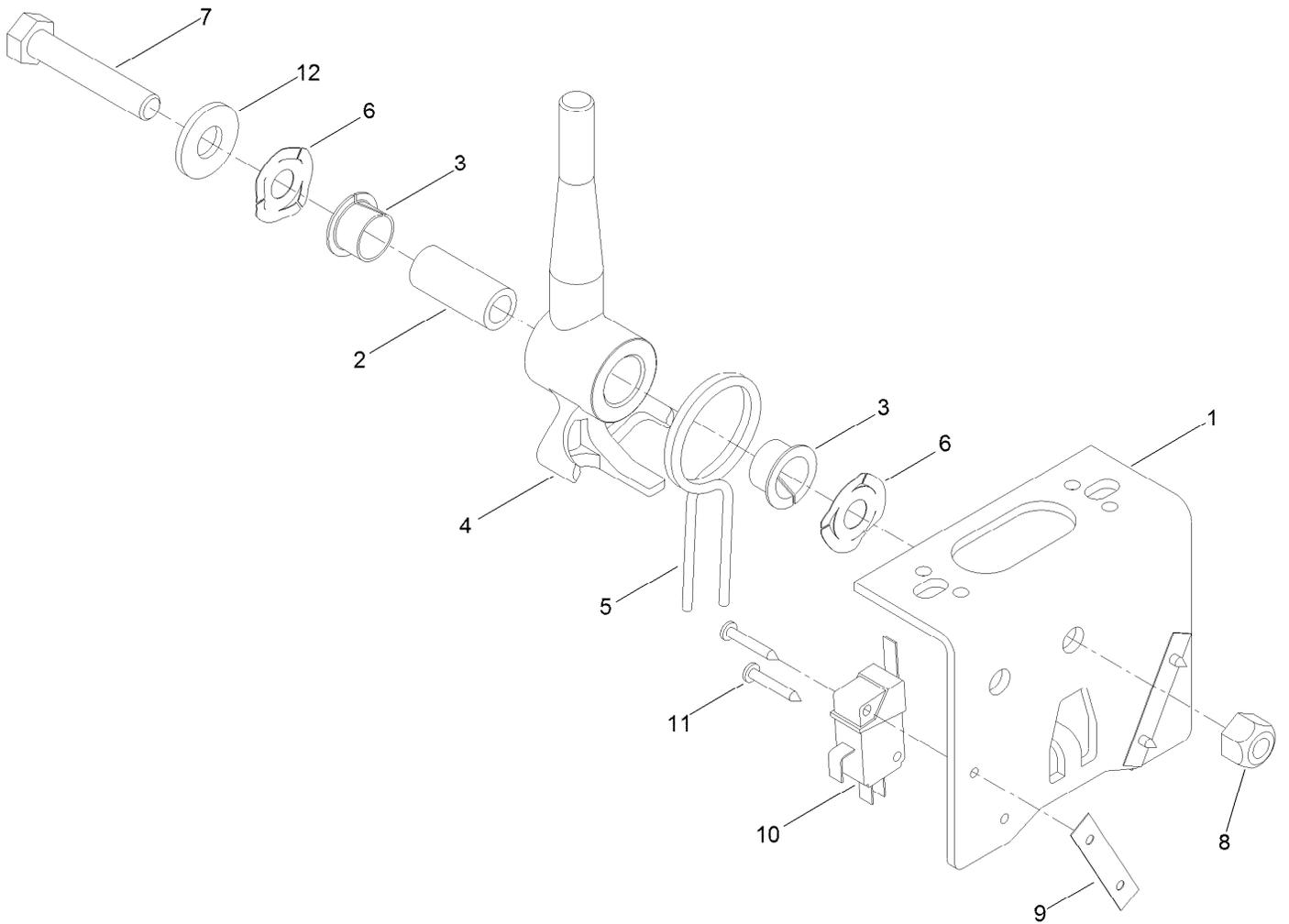
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Control Panel Assembly



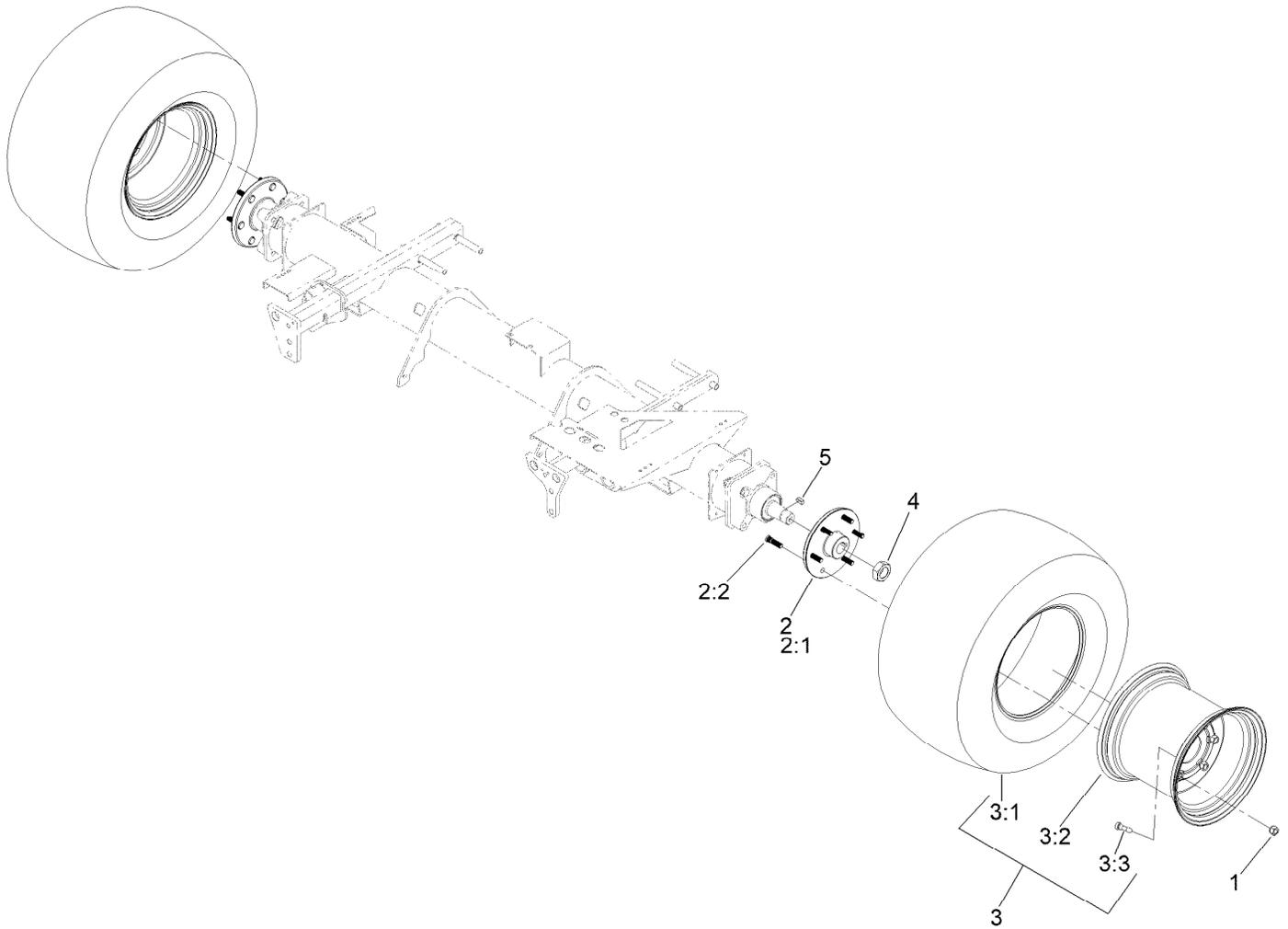
Control Panel Assembly (continued)

<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	145-2474-03	1	Frame-Arm, Control	20:4	108-8659	1	Washer-Backup
2	161-1700	1	Display-LCD	21	145-2483	1	Decal-Control Panel
2:2	161-1723	1	Nut-Display	22	120-4158	1	Decal-Console, Upper
3	95-8999	1	Switch-Rocker, On-None-On	23	3296-2	1	Nut-Lock, NI
4	114-3329	1	Switch-Rocker	27	99-8970	1	Key-Latch, Hood
5	111-2254	1	Switch-Rocker, On-None-On	28	161-8374	1	Screw-HSH
6	137-3061	2	Bolt-CARR	29	114-0446	1	Panel-Access
7	125-1938	1	Latch	30	93-9999	1	Switch-PTO
8	120-5280	1	Bracket-Joystick	31	108-7602	1	Rest-Arm
9	104-7201	2	Nut-HF, NI	32	145-2594	1	Seal-Foam
10	3274-69	2	Screw-HSBH	33	110-5331	1	Spring-Compression
11	74-5950	2	Latch-Swell	34	283-88	1	Pin-Clevis
12	104-2065	10	Screw-HWH	35	32144-41	2	Screw-Taptite
13	256-257	2	Bushing-Nyliner	36	4-2390	2	Washer-Flat
14	119-4041	5	Nut-HF	37	110-5313-03	1	Bracket-Retainer
15	108-7605	1	Cover-RH	38	283-73	1	Pin-Clevis
16	108-7604	1	Cover-LH	39	322-7	1	Screw-HH
17	233-42	1	Knob	40	110-5314	1	Latch
18	93-5961	1	Boot-Lever	41	3272-1	1	Pin-Cotter
19	112-9181	1	Plate-Boot	42	110-8856	1	Spacer
20	106-5269	1	Ignition Switch ASM	43	3256-23	1	Washer-Plain
20:2	108-8660	1	Nut-Mounting	44	3272-11	1	Pin-Cotter
20:3	106-5270	1	Ignition Key Set	45	99-7420	1	Plug-Hole
				46	3256-51	1	Washer-Flat



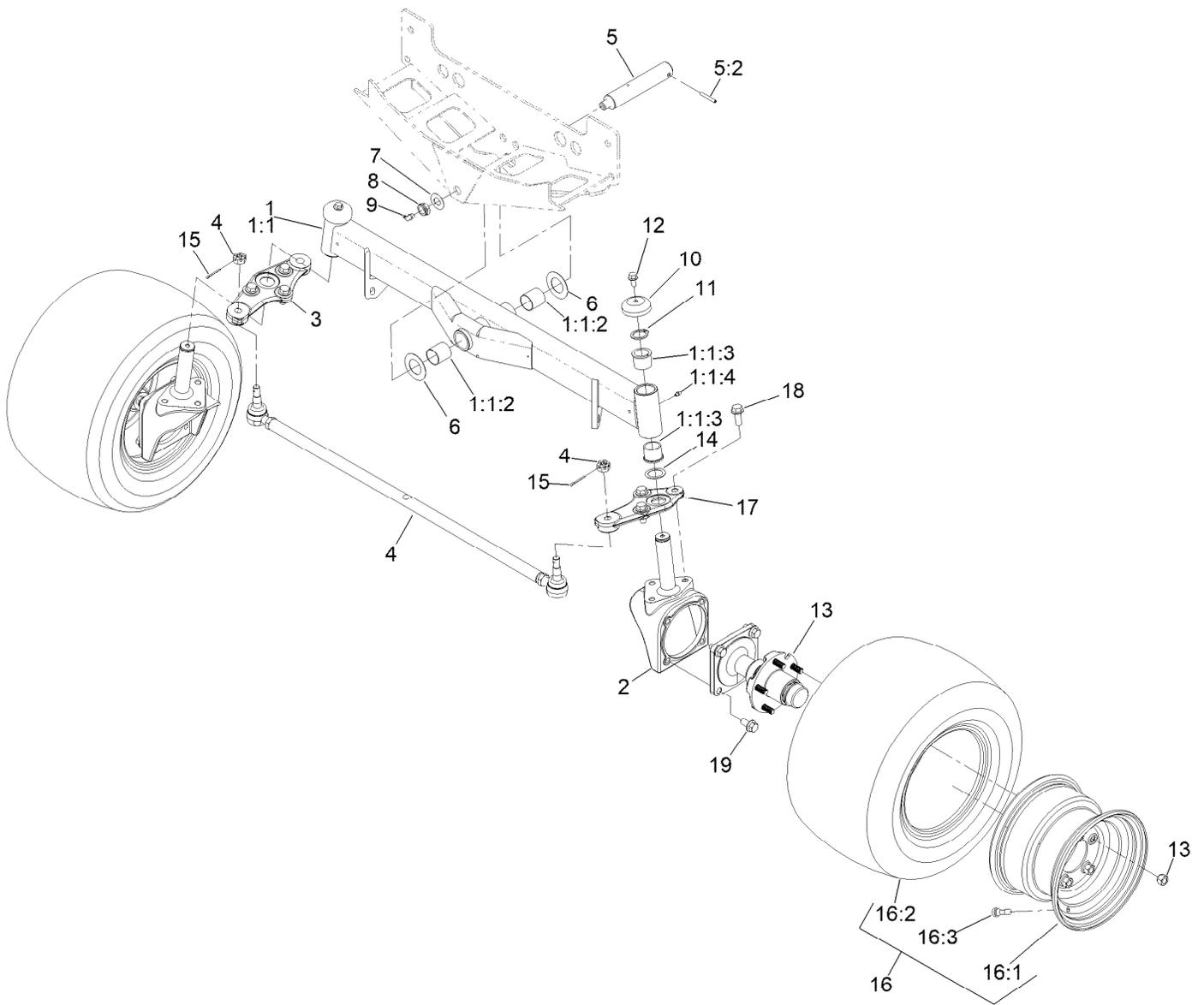
Joystick Bracket Assembly No. 120-5280

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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

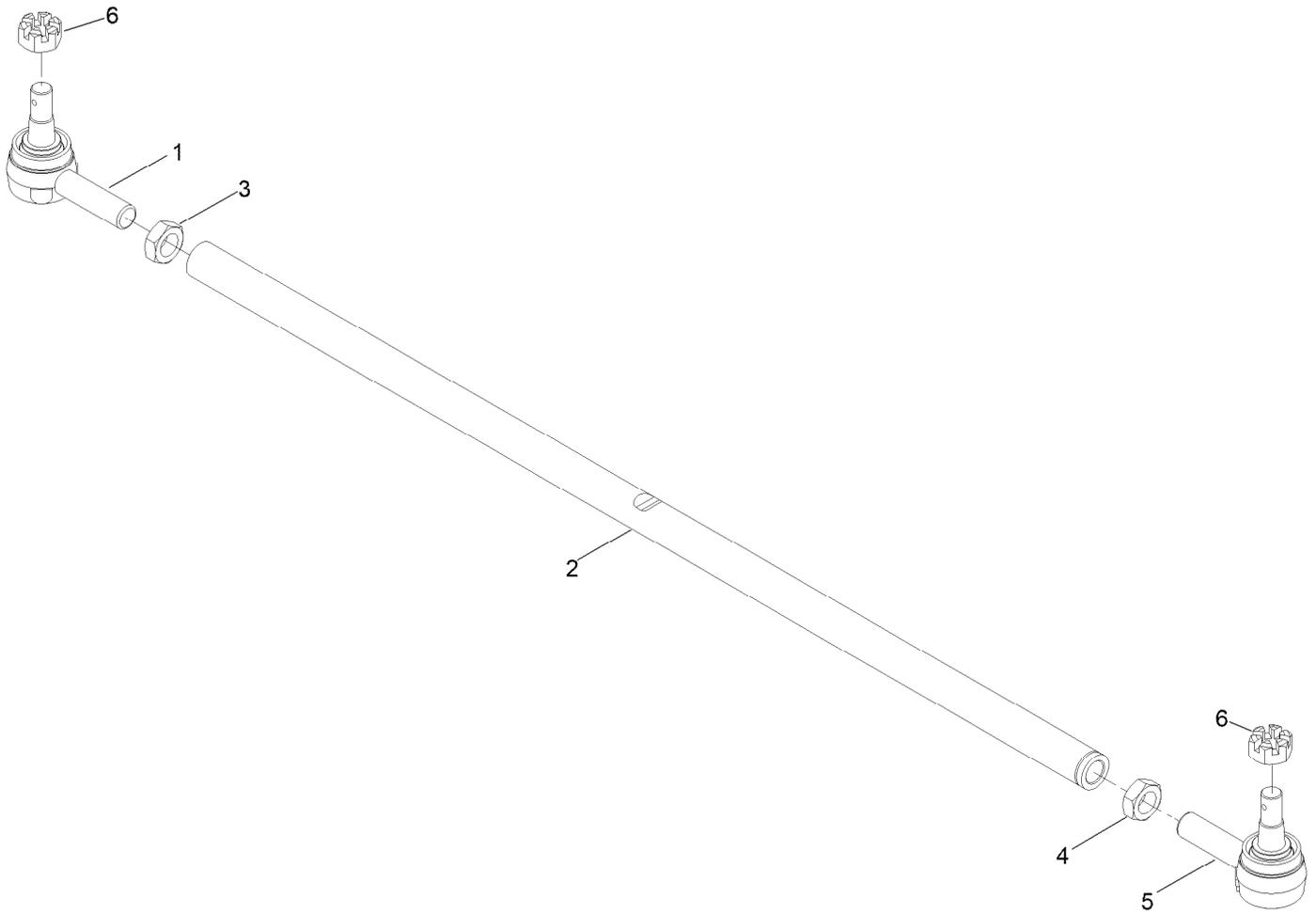
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-2564	12	Nut-Lug
2	144-2058	2	Hub ASM (1.50)
2:1	136-7971	1	Hub-Wheel
2:2	114-3918	6	Stud-Wheel
3	139-6048	2	Tire ASM
3:1	133-2724	1	Tire
3:2	139-6049	1	Wheel
3:3	232-27	1	Stem-Valve
4	117-3290	2	Nut-Hex
5	117-5198	2	Key-Square



Rear Axle Assembly

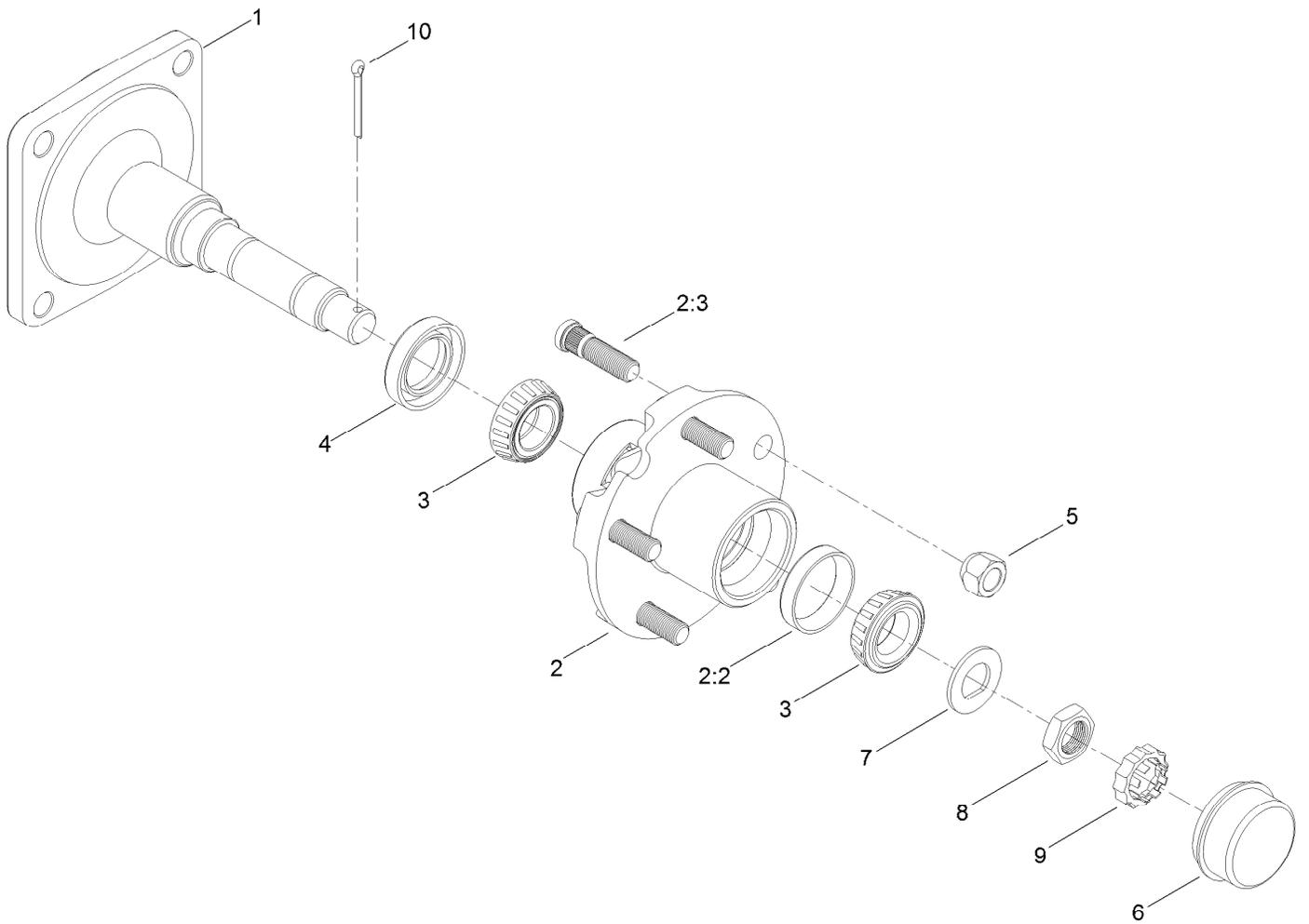
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	107-4546-03	1	Axle ASM	10	69-8890	2	Cap-Spindle
1:1		1	Axle ●	11	32151-77	2	Ring-Retaining, External
1:1:2	99-6964	2	Bushing-Axle	12	3234-1	2	Screw-HHF
1:1:3	104-0015	4	Bushing-Flange	13	117-8961	2	Hub And Spindle ASM
1:1:4	302-5	2	Fitting-Grease	14	76-2980	2	Washer-Thrust
2	161-5128	2	Housing-Motor	15	3272-12	2	Pin-Cotter
3	140-3142	1	Link-Drag, RH	16	117-0281	2	Rim And Tire ASM
4	139-6029	1	Tie Rod ASM	16:1	117-0280	1	Rim
5	140-6101	1	Pin ASM-Axle Pivot	16:2	117-5125	1	Tire
5:2	32121-32	1	Pin-Roll	16:3	232-27	1	Stem-Valve
6	99-8432	2	Washer-Thrust	17	140-3144	1	Link-Drag, LH
7	71-4540	1	Washer-Thrust	18	3234-38	6	Screw-HHF
8	3296-15	1	Nut-Lock, NI	19	3234-6	8	Screw-HHF
9	302-33	1	Fitting-Grease				

● Not serviced separately



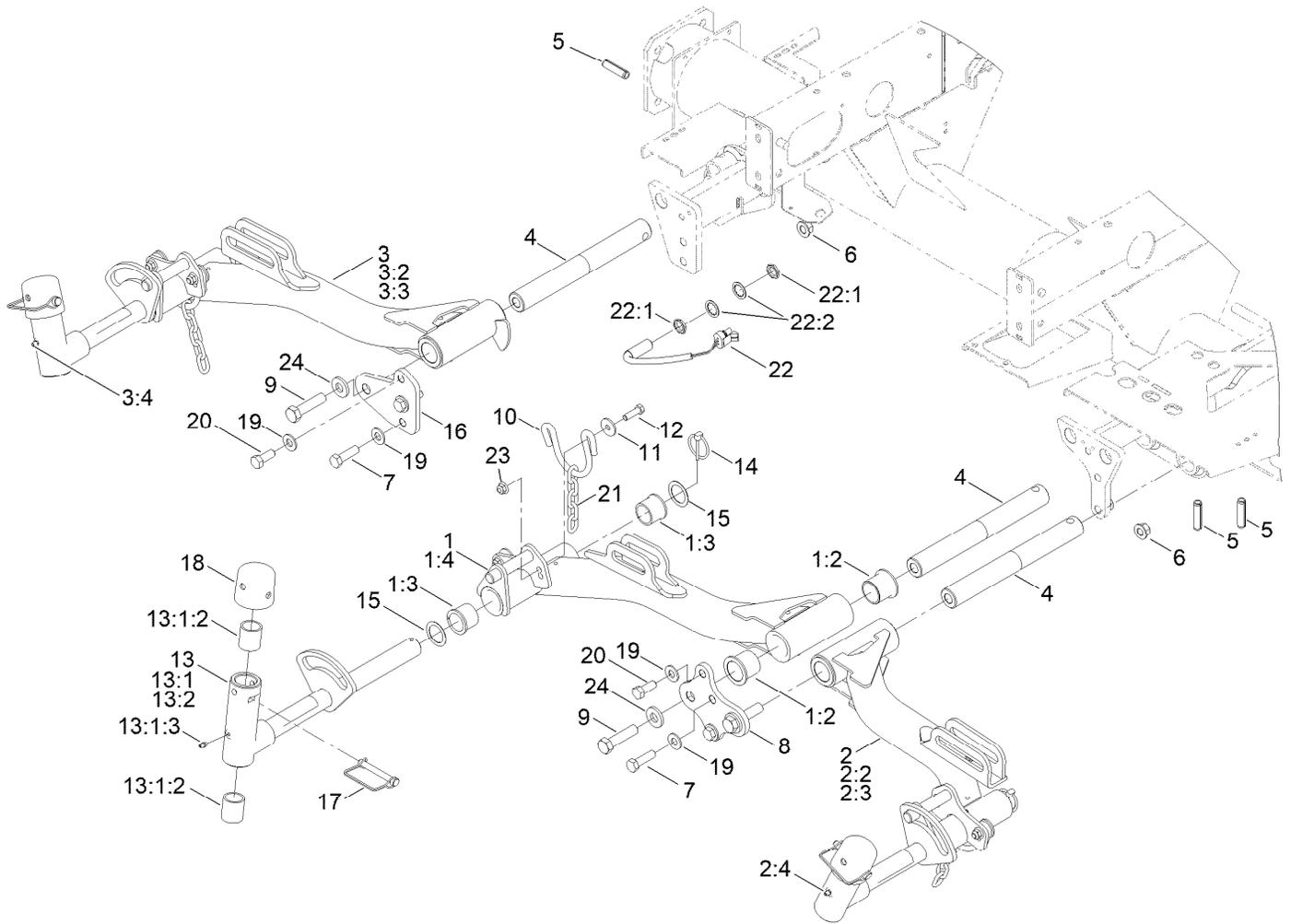
Tie Rod Assembly No. 139-6029

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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

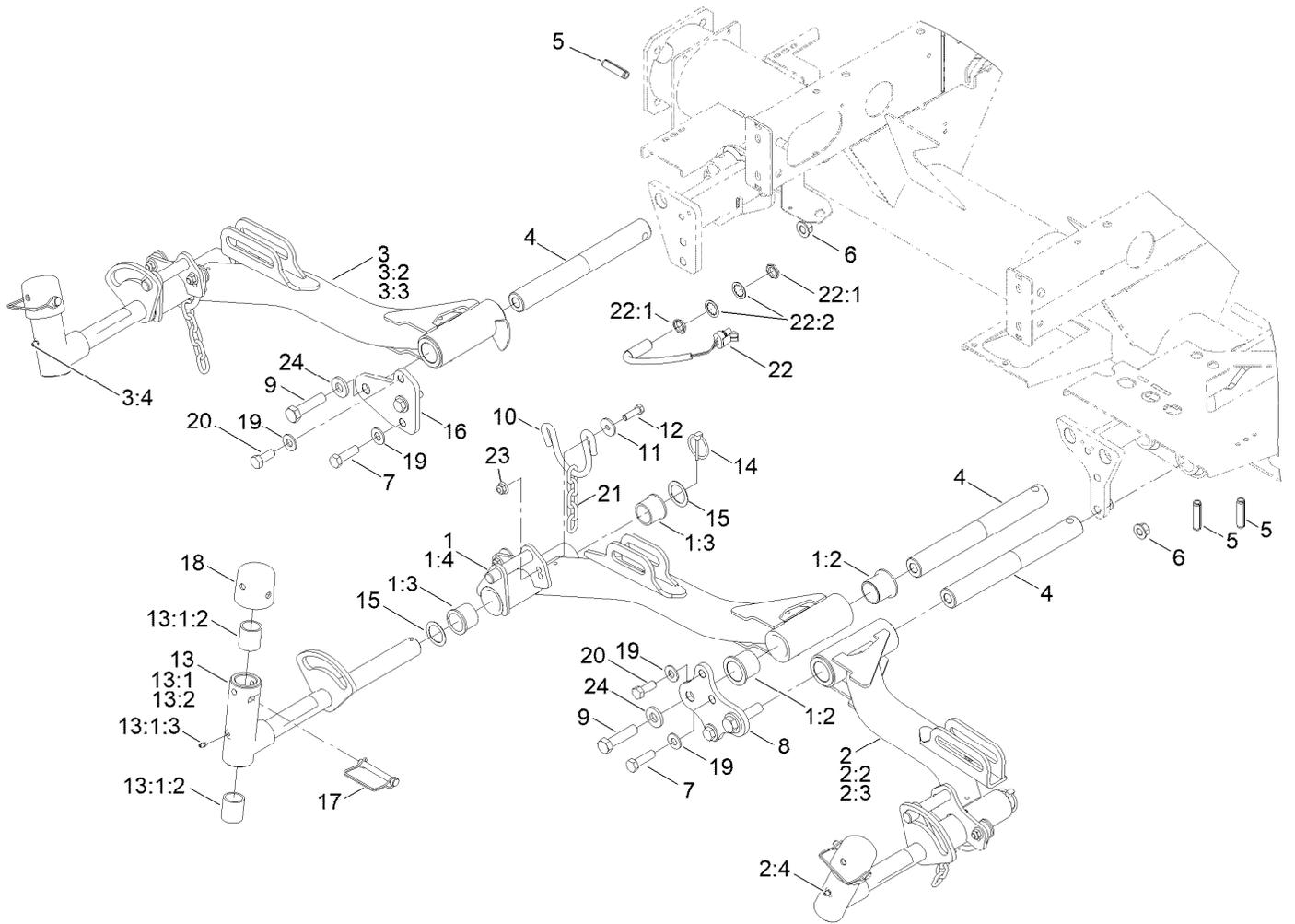
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	117-8958	1	Spindle
2	117-8963	1	Hub ASM
2:2	254-72	2	Bearing-Cup, Tapered
2:3	114-3918	5	Stud-Wheel
3	254-94	2	Bearing-Cone, Tapered
4	112-1690	1	Seal-Oil
5	139-2564	5	Nut-Lug
6	241-119	1	Cap-Dust
7	117-8259	1	Washer-Spindle
8	117-8260	1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



No. 1, 4 and 5 Lift Arm Hydraulic Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	133-2911	1	Lift Arm ASM #1	10	110-0922	3	Hoop-Chain
1:2	69-6470	2	Bushing-Caster	11	63-8410	6	Washer
1:3	104-0015	2	Bushing-Flange	12	323-7	6	Screw-HH
1:4	302-5	2	Fitting-Grease	13	138-1248	3	Pivot Yoke ASM
2	133-2914	1	Lift Arm ASM #4	13:1		1	Yoke-Pivot ●
2:2	69-6470	2	Bushing-Caster	13:1:2	121-3187	2	Bushing
2:3	104-0015	2	Bushing-Flange	13:1:3	302-5	1	Fitting-Grease
2:4	302-5	2	Fitting-Grease	13:2	110-9642	1	Decal-Warning
3	133-2915	1	Lift Arm ASM #5	14	92-1298	3	Pin-Lynch
3:2	69-6470	2	Bushing-Caster	15	76-2980	6	Washer-Thrust
3:3	104-0015	2	Bushing-Flange	16	117-5153-01	1	Plate-Bridge 5
3:4	302-5	2	Fitting-Grease	17	107-7400	3	Pin-Lynch
4	117-0208	3	Shaft-Pivot, Liftarm	18	107-4027	3	Cap
5	32121-122	3	Pin-Roll	19	87-7270	6	Washer-Thrust
6	139-1689	4	Nut-HF	20	325-5	2	Screw-HH
7	325-7	4	Screw-HH	21	84-2450	3	Chain-Straight, 4-Link
8	117-5154-01	1	Plate-Bridge 1 And 4	22	115-5300	1	Proximity Switch ASM
9	327-7	3	Screw-HH	22:1	117-3207	2	Nut-Hex

● Not serviced separately

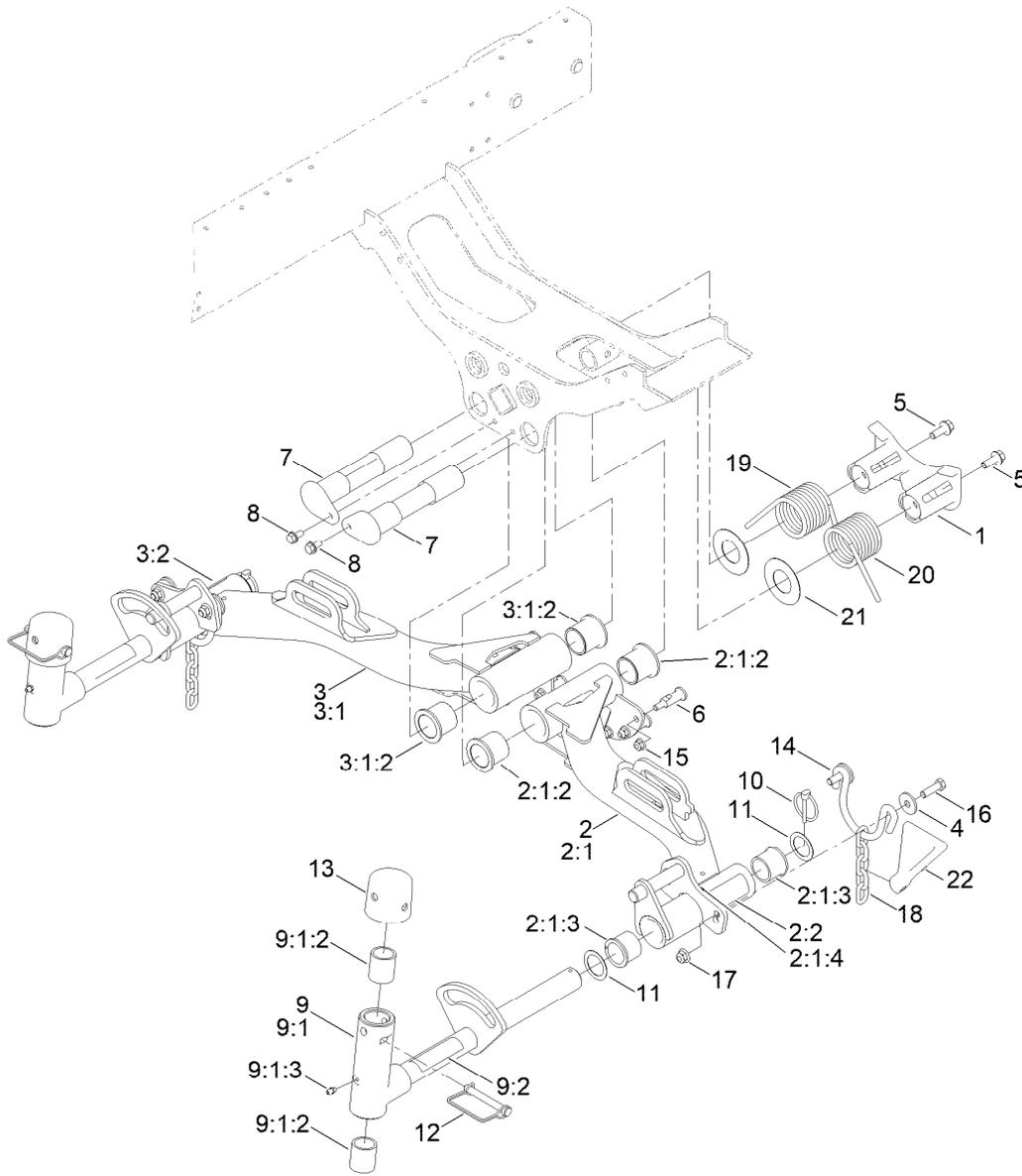


No. 1, 4 and 5 Lift Arm Hydraulic Assembly (continued)

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

Ref.	Part Number	Qty.	Description
23	119-4042	6	Nut-HF, NI
24	99-7667	3	Washer-Flat

● Not serviced separately

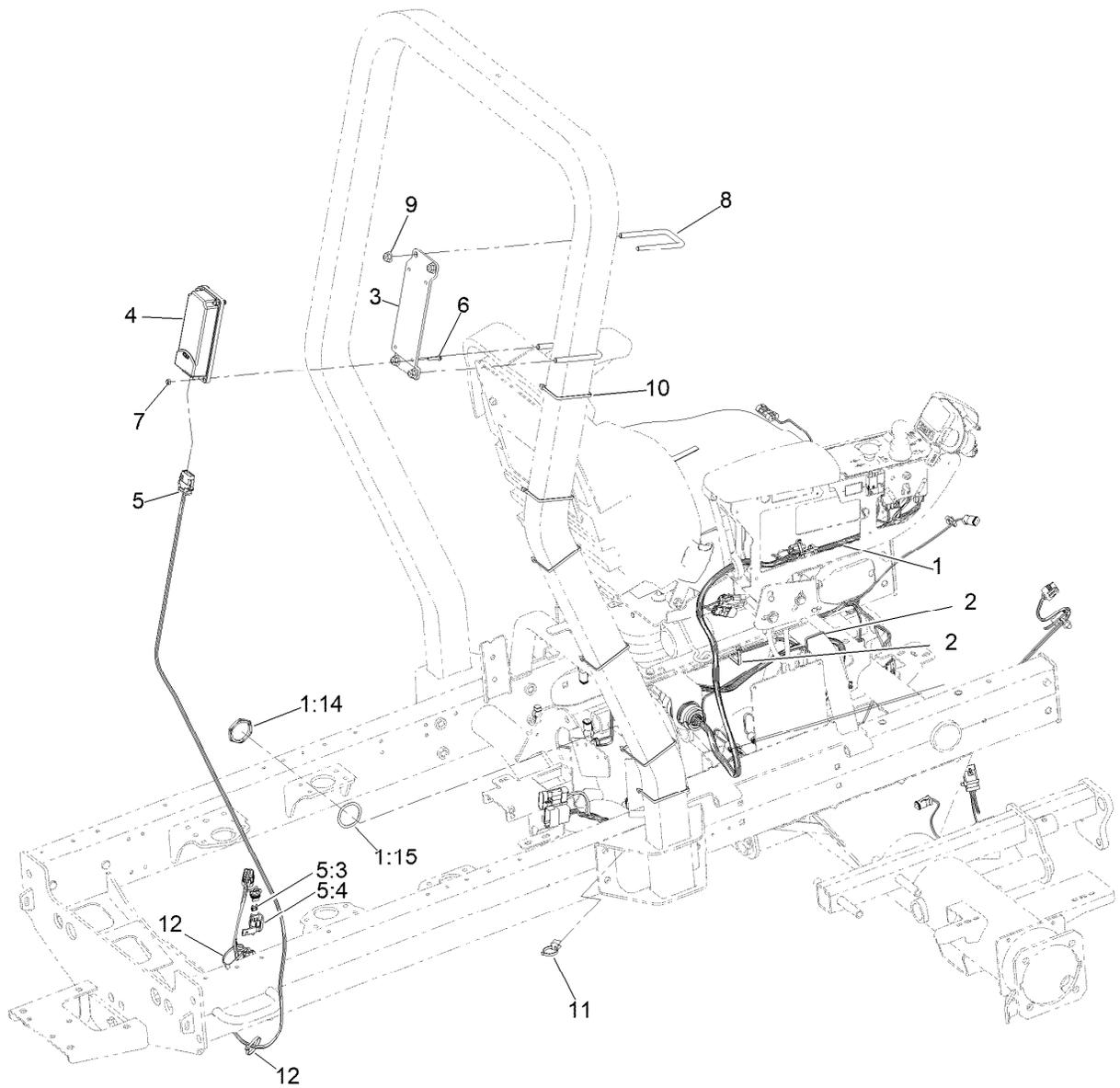


No. 2 and 3 Lift Arm Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	125-2018	1	Housing	9	138-1248	2	Pivot Yoke ASM
2	136-8002	1	Lift Arm #2	9:1		1	Yoke-Pivot ■
2:1		1	Lift Arm ASM #2 ■	9:1:2	121-3187	2	Bushing
2:1:2	69-6470	2	Bushing-Caster	9:1:3	302-5	1	Fitting-Grease
2:1:3	104-0015	2	Bushing-Flange	9:2	110-9642	1	Decal-Warning
2:1:4	302-5	2	Fitting-Grease	10	92-1298	2	Pin-Lynch
2:2	93-6696	1	Decal-Warning	11	76-2980	4	Washer-Thrust
3	136-8003	1	Lift Arm #3	12	107-7400	2	Pin-Lynch
3:1		1	Lift Arm ASM #3 ■	13	107-4027	2	Cap
3:1:2	69-6470	2	Bushing-Caster	14	110-0922	2	Hoop-Chain
3:1:3	104-0015	2	Bushing-Flange ●	15	119-4041	6	Nut-HF
3:1:4	302-5	2	Fitting-Grease ●	16	323-7	4	Screw-HH
3:2	93-6696	1	Decal-Warning	17	119-4042	4	Nut-HF, NI
4	63-8410	4	Washer	18	84-2450	2	Chain-Straight, 4-Link
5	3234-11	2	Screw-HHF	19	99-5608-03	1	Spring-Torsion, RH
6	120-6283	6	Stud-Shouldered	20	99-5609-03	1	Spring-Torsion, LH
7	125-2037	2	Shaft	21	110-5345	2	Washer
8	32144-14	2	Screw-HWHTF	22	119-8010-03	1	Kickstand

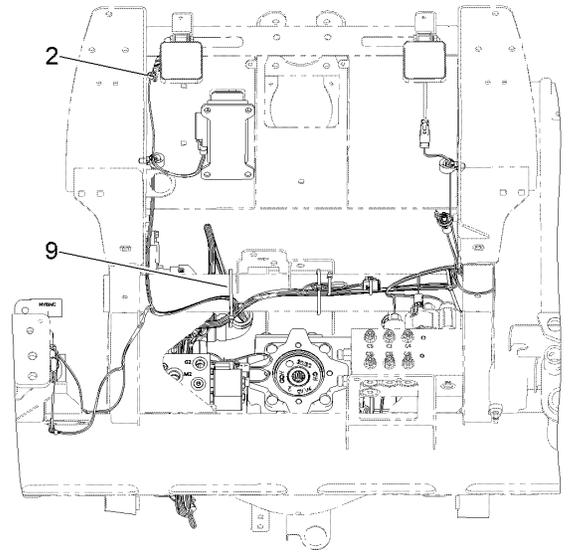
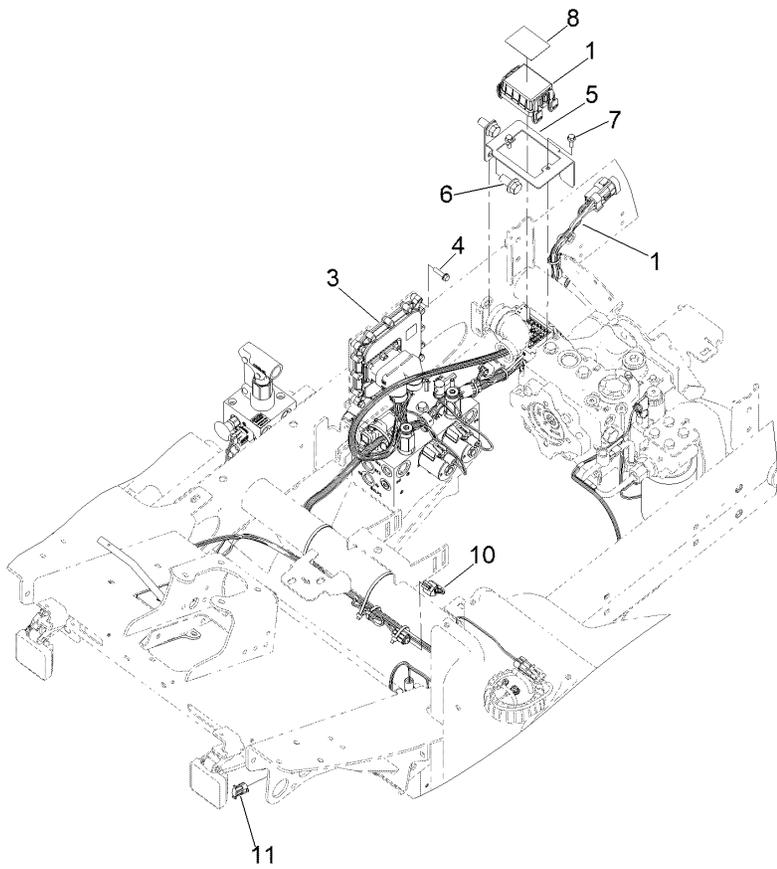
● Not illustrated

■ Not serviced separately



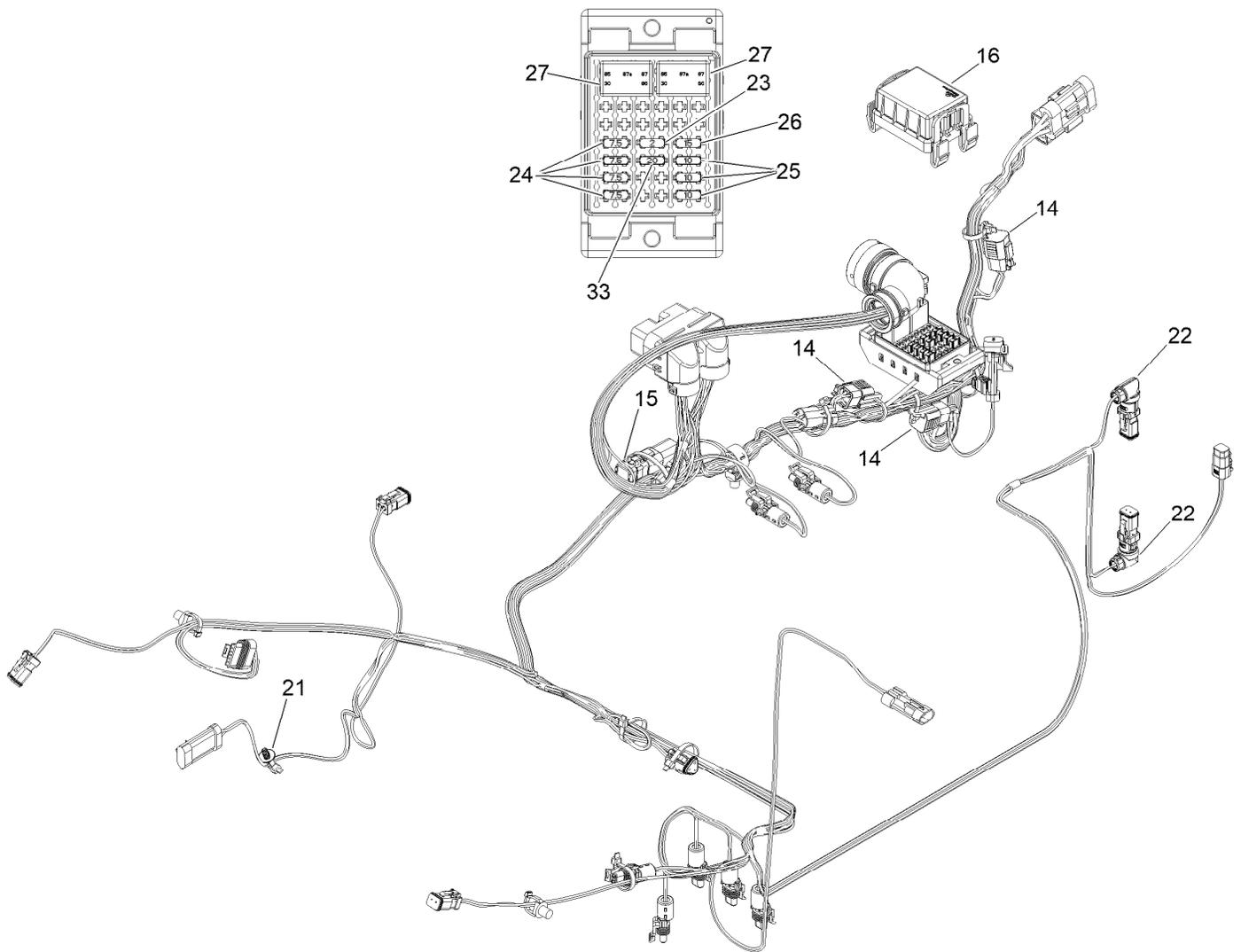
Seat and Control Arm Wiring Harness Assembly

<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	122-2126	1	Harness-Wire, Seat	5:4	32180-101	1	Cover-Fuse, Single
1:14	32180-135	1	Nut-Connector	6	131-6456	4	Screw-HWH
1:15	32180-143	1	Washer-Lock	7	3296-2	4	Nut-Lock, NI
2	3290-378	2	Tie-Cable	8	138-8991	2	U-Bolt-Sq
3	161-8398-03	1	Bracket-Hmu Mouting	9	119-4042	4	Nut-HF, NI
4	161-9001	1	Gateway-Telematics	10	3290-379	6	Tie-Cable
5	122-2163	1	Harness-Wire	11	32180-078	1	Clip-Edge
5:3	121-8861	1	Fuse-Mini Blade, 2 Amp	12	3290-378	2	Tie-Cable



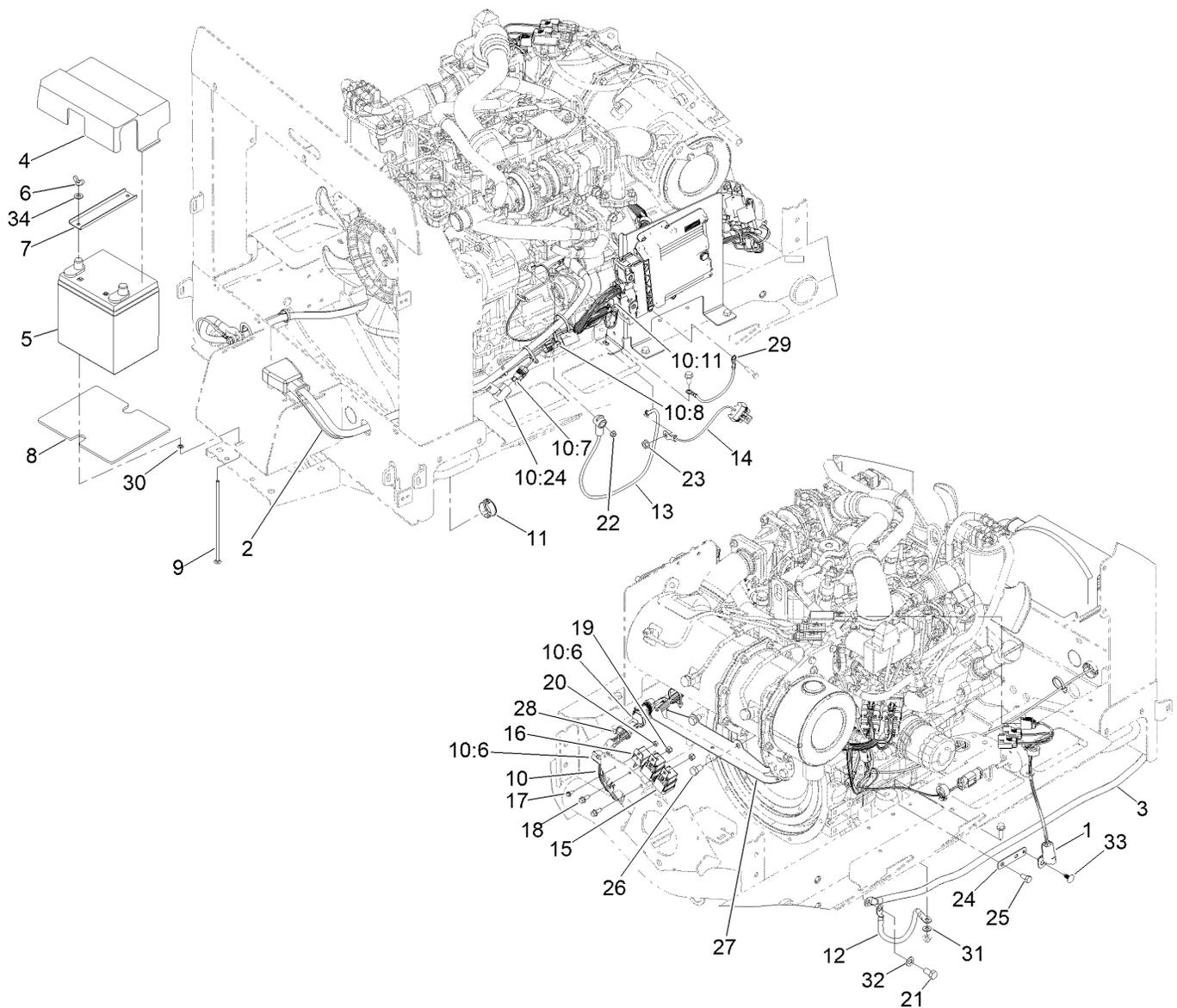
Main Wiring Harness Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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



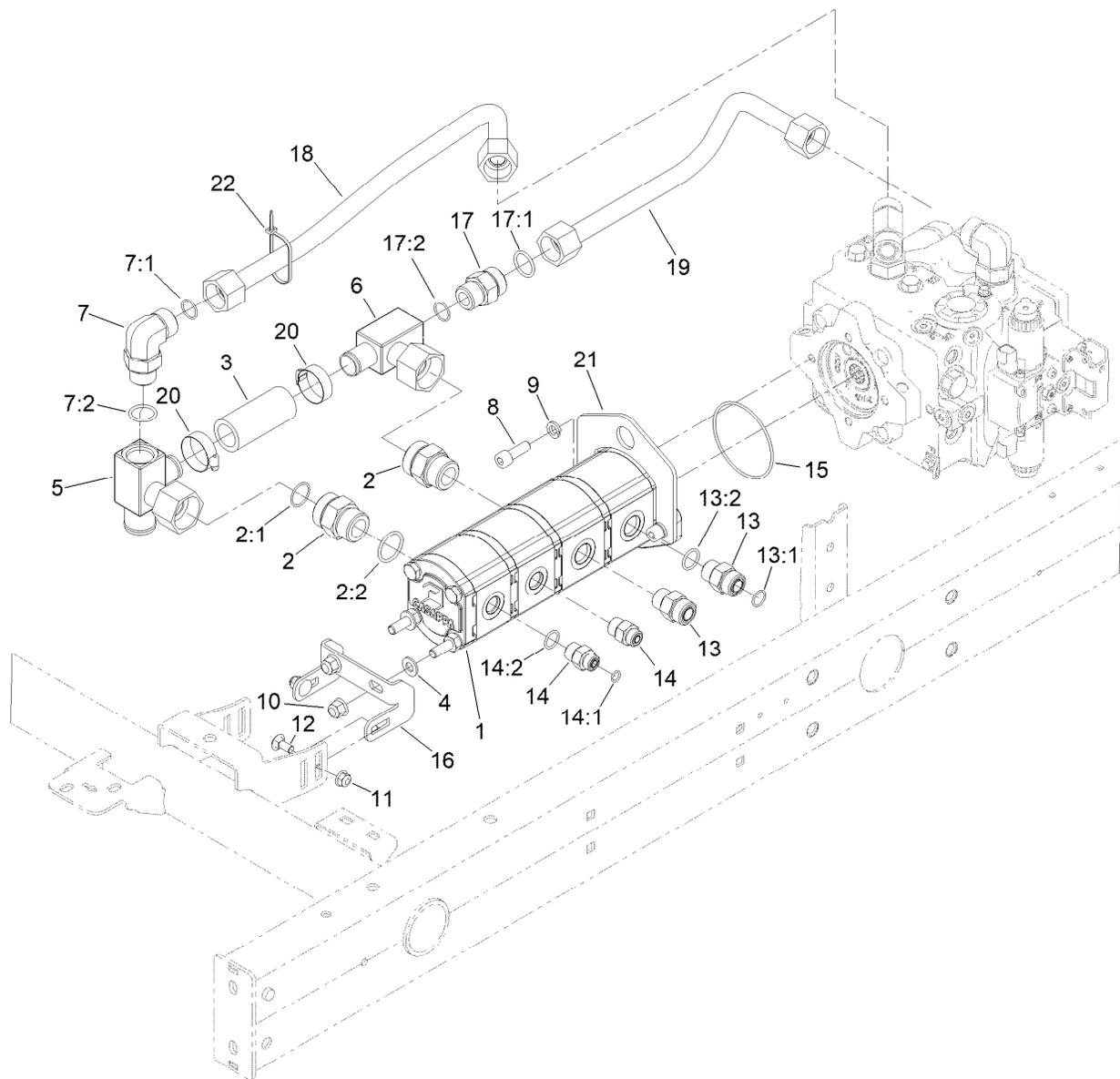
Wire Harness Assembly No. 122-2912

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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



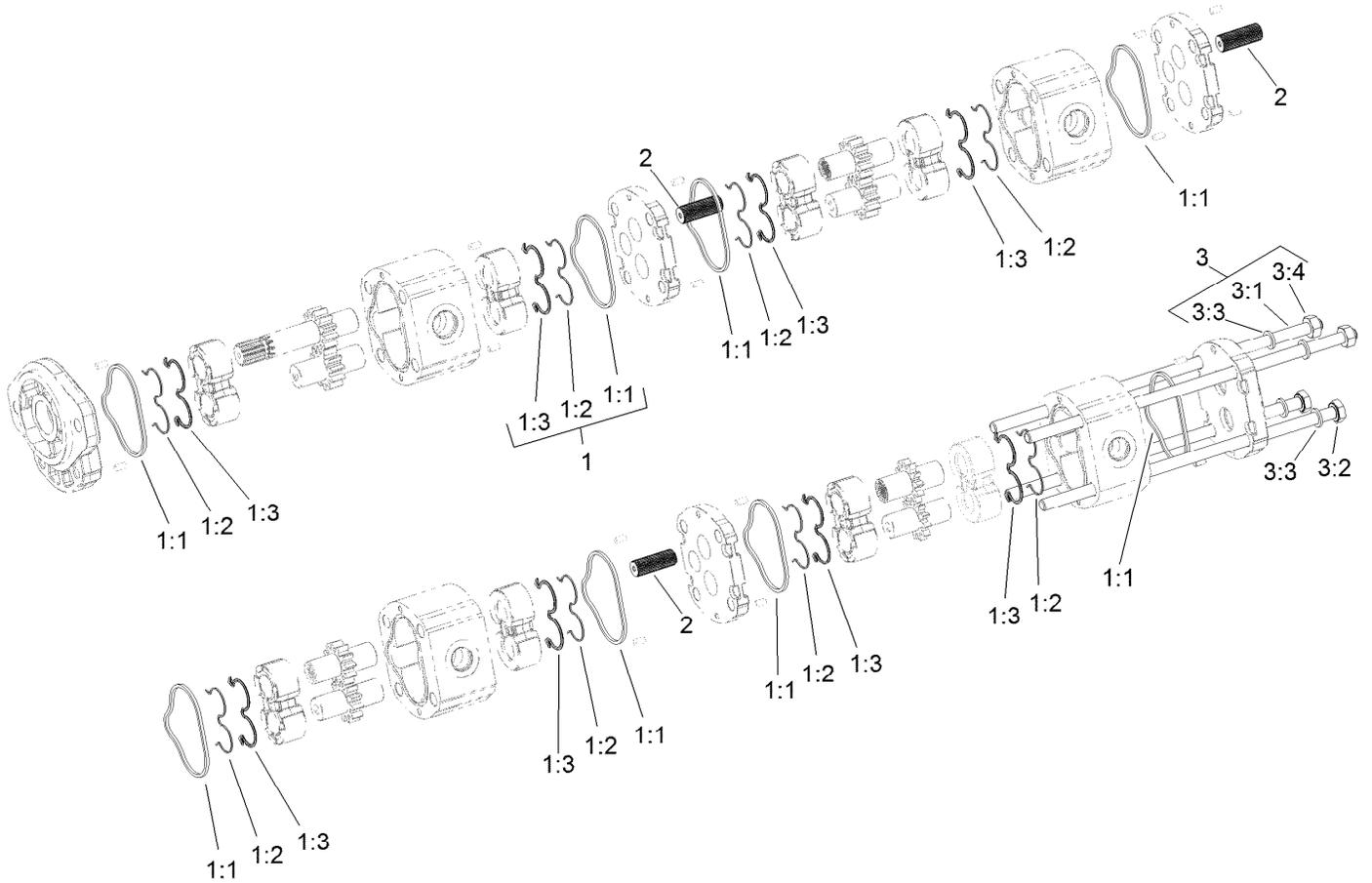
Battery Mounting Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	122-2910	1	Harness-Wire, Yanmar Dpf Interface	15	99-7430	2	Relay-Mini
2	121-8850	1	Cable-Battery, Positive	16	99-7435	1	Relay
3	121-8851	1	Cable-Battery, Negative	17	3290-321	1	Screw-HWH
4	163-3523	1	Cover-Battery	18	3234-33	2	Screw-HHF
5	161-6891	1	Battery-Wet, 12V, 540 CCA	19	3296-42	2	Nut-Lock, NI
6	32103-22	1	Nut-Wing	20	3296-2	1	Nut-Lock, NI
7	163-3515-0P	1	Channel-Clamp, Battery	21	33115-020	1	Screw-HH
8	163-3527	1	Mat-Battery	22	33003-00	1	Nut-HF
9	137-8106	1	Screw-CARR	23	33004-00	1	Nut-HF
10	122-2911	1	Harness-Wire, Engine	24	121-5636	1	Tab-Harness
10:6	100-4918	2	Diode	25	33114-016	2	Screw-HH
10:7	121-8868	1	Fuse-Mini Blade, 20 Amp	26	33115-016	2	Screw-HH
10:8	121-8866	1	Fuse-Mini Blade, 10 Amp	27	132-9706-03	1	Bracket-Harness
10:11	32160-359	1	Connector (6M)	28	3290-378	9	Tie-Cable
10:24	32180-101	2	Cover-Fuse, Single	29	122-0058	1	Harness-Wire, Ground
11	32180-570	2	Bushing-Panel Snap, 1.00"	30	32115-15	2	Nut-Push
12	121-8856	1	Cable-Ground, Engine	31	120-9683	1	Washer-Plain
13	100-5552	1	Harness-Wire	32	33095-00	1	Washer-Flat
14	99-3441	1	Harness-Wire, Fusible Link	33	117-2382	1	Plug-Plastic
				34	3256-23	2	Washer-Plain



Gear Pump Assembly

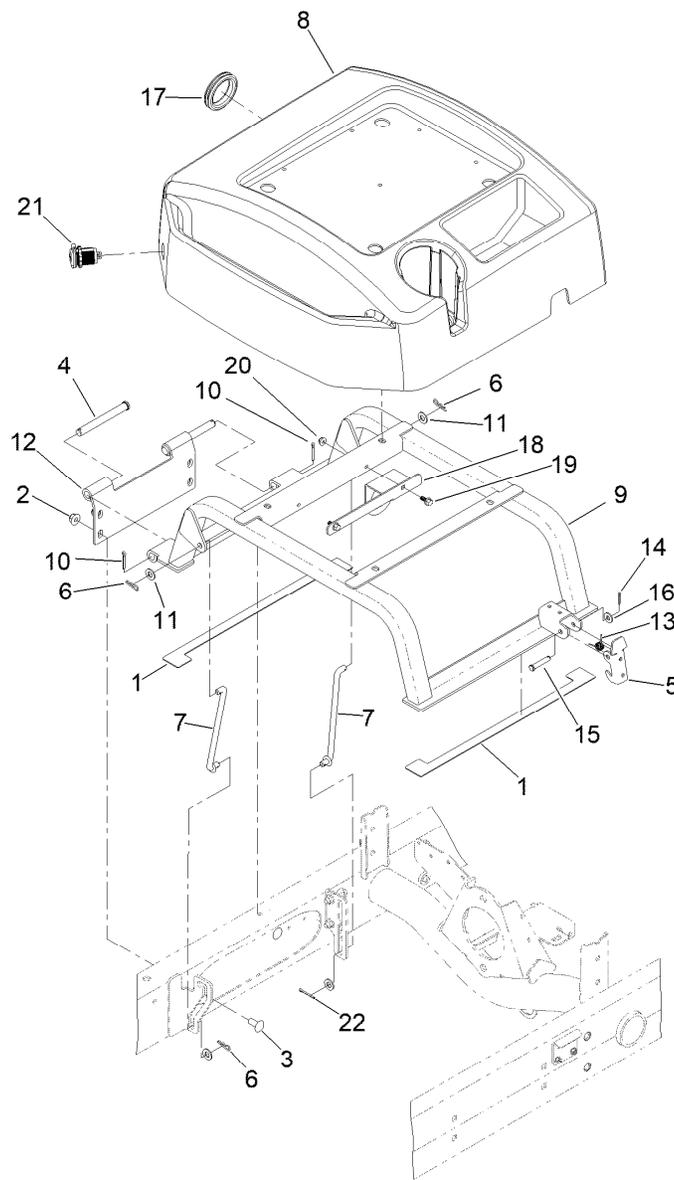
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	105-7576	1	Gear Pump ASM	13	340-7	2	Fitting-Straight
2	104-3797	2	Fitting-Straight	13:1	237-65	1	O-Ring
2:1	237-146	1	O-Ring	13:2	237-80	1	O-Ring
2:2	340-65	1	O-Ring	14	340-3	2	Fitting-Straight
3	144-2092	1	Hose-Formed	14:1	237-22	1	O-Ring
4	3256-24	2	Washer-Plain	14:2	237-79	1	O-Ring
5	145-2570	1	Manifold-Tube	15	237-161	1	O-Ring
6	144-2093	1	Manifold-Tube	16	133-2946-0P	1	Brkt-Gear Pump
7	340-142	1	Fitting-Elbow, 90 DEG	17	340-9	1	Fitting-STR
7:1	237-58	1	O-Ring	17:1	237-58	1	O-Ring
7:2	237-81	1	O-Ring	17:2	237-81	1	O-Ring
8	ST80801	2	Screw-HSH	18	145-2593	1	Tube ASM-Hydraulic
9	48-9590	2	Washer-Lock	19	145-2586	1	Tube ASM-Hydraulic
10	103-9511	2	Nut-Fig	20	2412-34	2	Clamp-Hose
11	119-4041	2	Nut-HF	21	145-2548-0P	1	Bracket-Lift, Pump
12	3230-1	2	Bolt-CARR	22	3290-378	1	Tie-Cable



Gear Pump Assembly No. 105-7576

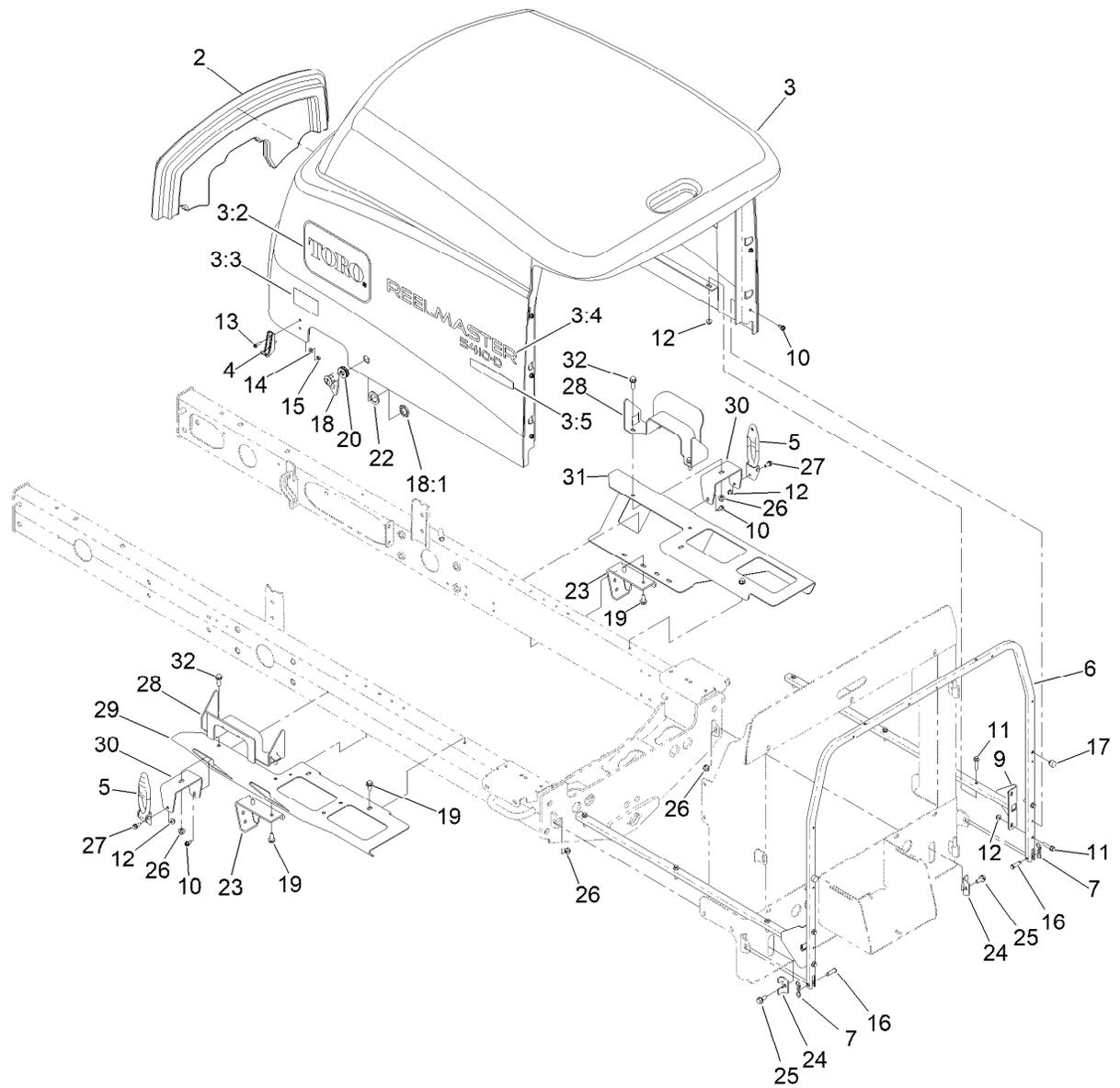
Ref.	Part Number	Qty.	Description
1	108-4595	1	Seal Kit
1:1		8	Seal ●
1:2		8	Seal ●
1:3		8	Ring-Back Up ●
2	120-6284	3	Hub-Connecting
3	125-8759	1	Kit-Bolt
3:1		2	Bolt-Stud ●
3:2		2	Screw ●
3:3		4	Washer ●
3:4		2	Nut ●

● Not serviced separately



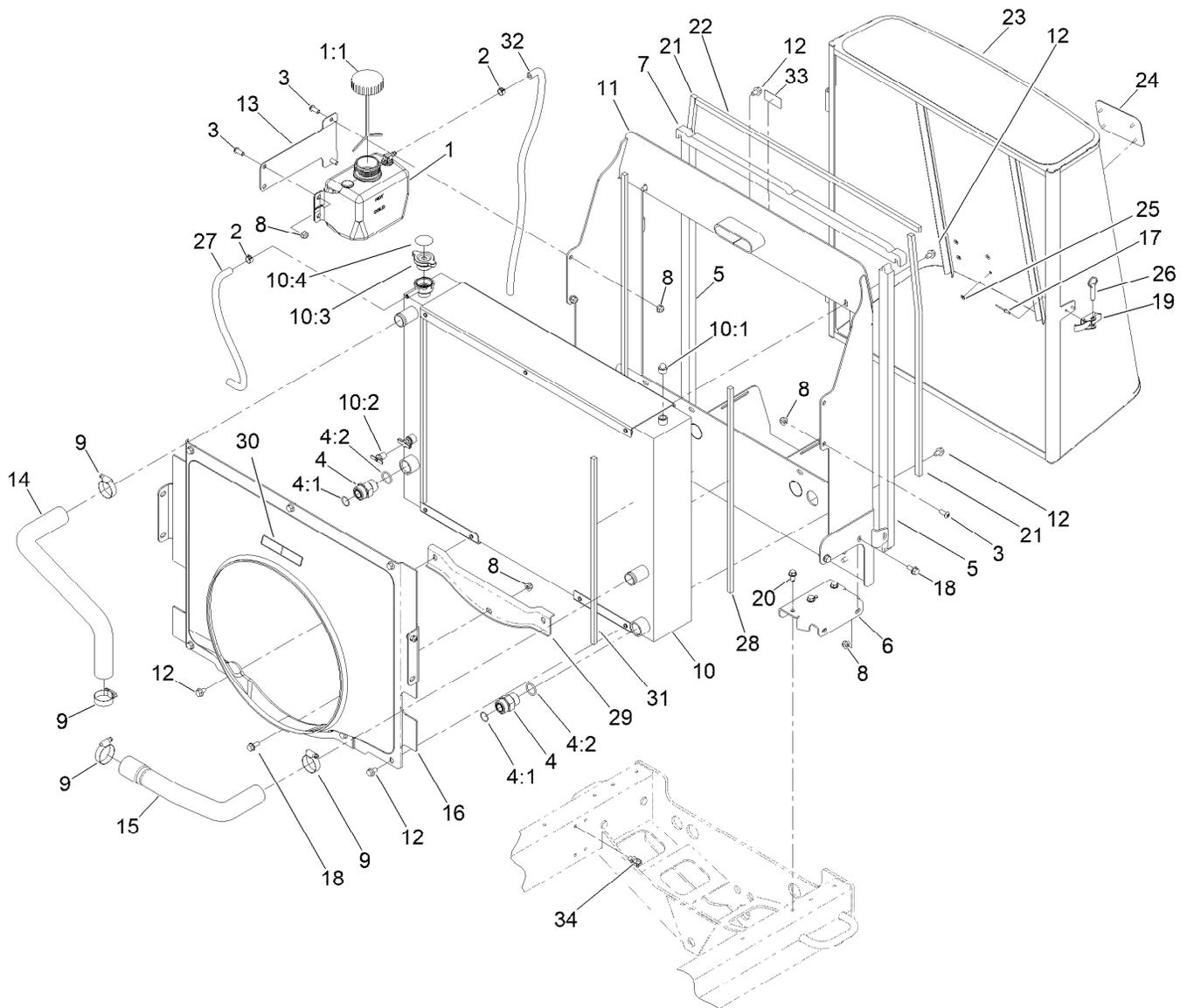
Seat Base Assembly

<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	110-5255	2	Bumper-Base, Seat	12	125-2121-03	1	Hinge-Seatbase
2	119-4042	4	Nut-HF, NI	13	104-4821	1	Spring-Torsion
3	3231-27	4	Screw-CARR	14	3272-6	1	Pin-Cotter
4	283-83	2	Pin-Clevis	15	94-3829	1	Pin-Clevis
5	110-8971	1	Latch	16	3256-2	1	Washer-Flat
6	3290-307	3	Pin-Cotter	17	240-12	1	Grommet-Rubber
7	98-0917	2	Rod-Prop	18	145-2480-0P	1	Bracket-Harness
8	145-2450	1	Cover-Seatbase	19	99-6810	2	Screw-HHF
9	125-2122-03	1	Seat Base ASM	20	104-7201	2	Nut-HF, NI
10	3272-11	2	Pin-Cotter	21	131-8388	1	Socket-USB
11	3256-24	4	Washer-Plain	22	3272-4	1	Pin-Cotter



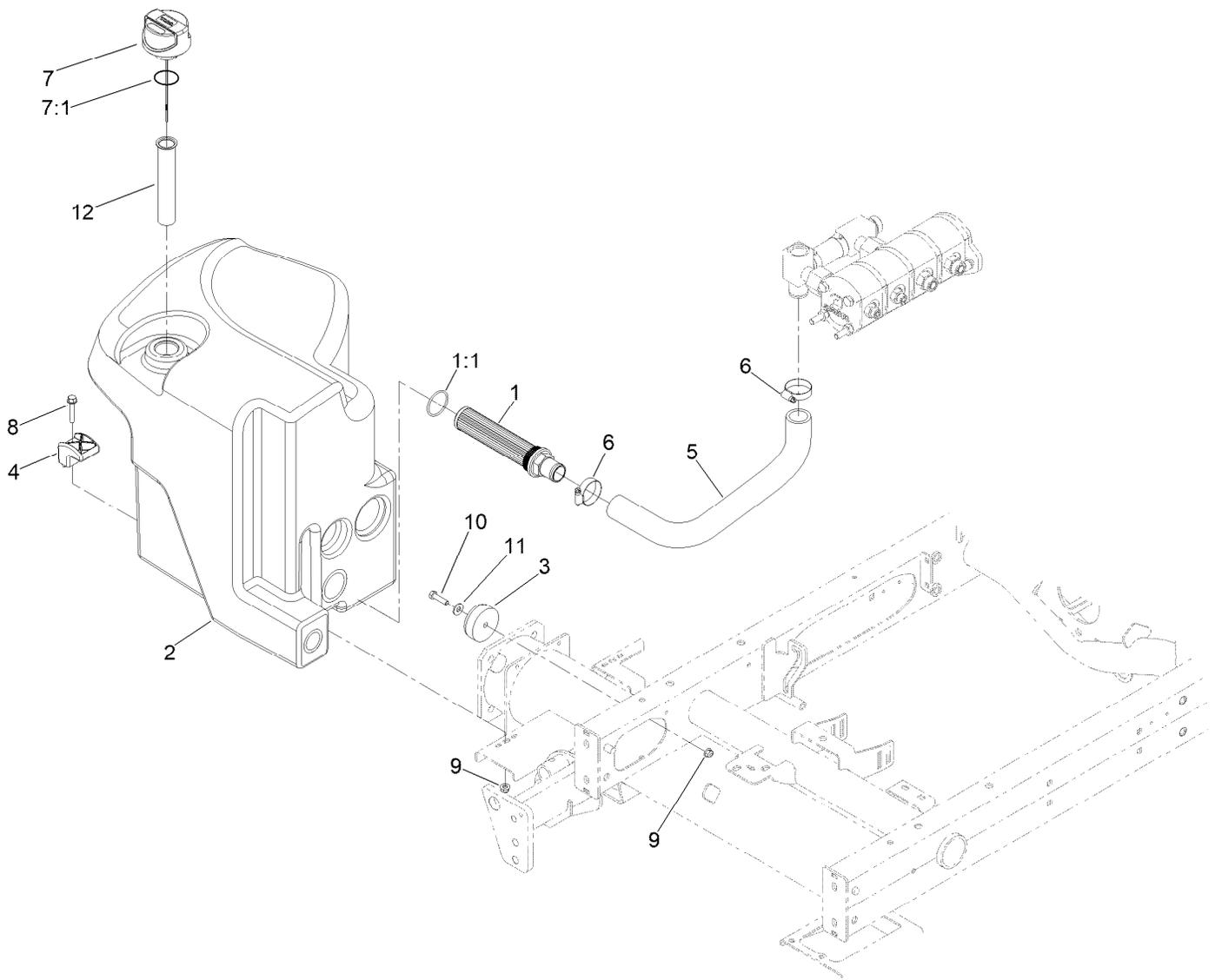
Hood Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
2	145-2456	1	Saddle-Hood	16	283-61	2	Pin-Yoke
3	145-2537	1	Hood ASM (Rm5410D Service)	17	107-8042	2	Bumper-Rubber
3:2	66-6140	2	Decal	18	98-5398	1	Latch
3:3	106-6754	2	Decal-Danger	18:1	3218-20	1	Nut-Jam
3:4	125-2928	2	Decal	19	32104-32	6	Screw-HWH
3:5	121-1594	2	Decal-Smart Power	20	104-1453	1	Grommet
4	103-2897	2	Latch-Catch	22	99-4958	1	Spacer
5	103-2898	2	Latch-Rubber	23	110-0979-03	2	Bracket-Deflector
6	125-8813-03	1	Tube-Frame, Hood	24	110-8946	2	Clamp-Frame, Radiator
7	105-7512	2	Pin-Tie, Bow	25	3234-5	2	Screw-HHF
9	108-1790-03	2	Tube	26	119-4041	6	Nut-HF
10	32104-17	12	Screw-HWH	27	3234-33	2	Screw-HHF
11	3234-21	10	Screw-HHF	28	121-5627-03	2	Guide-Hood
12	104-7201	12	Nut-HF, NI	29	110-5253-01	1	Adapter-Hood, LH
13	32105-13	4	Screw-HWH	30	110-5256-01	2	Adapter-Latch, Hood
14	3256-14	4	Washer-Flat	31	110-5254-01	1	Adapter-Hood, RH
15	3296-12	4	Nut-Lock, NI	32	3234-17	4	Screw-HHF



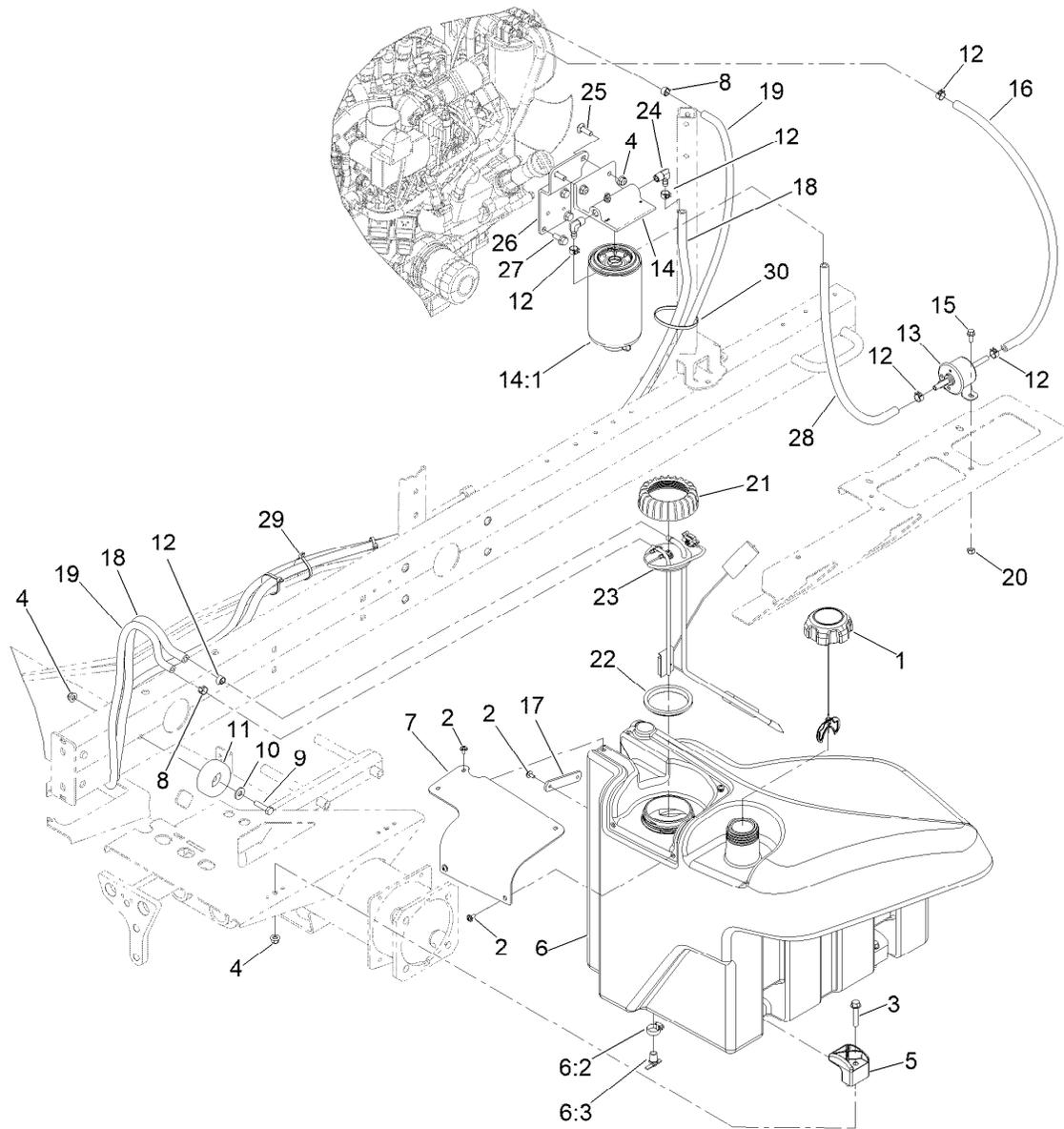
Radiator Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	120-5573	1	Coolant Reservoir ASM	14	133-2994	1	Hose-Formed
1:1	87-7050	1	Cap-Reservoir	15	121-5558	1	Hose-Radiator, Lower
2	92-2379	3	Clamp-Hose	16	125-2904	1	Shroud-Fan, Diesel
3	3274-55	5	Screw-HSBH	17	3269-15	2	Rivet-Pop
4	340-9	2	Fitting-STR	18	3234-5	5	Screw-HHF
4:1	237-58	1	O-Ring	19	115-1554	1	Latch-Draw
4:2	237-81	1	O-Ring	20	32104-32	6	Screw-HWH
5	121-5554	2	Seal-Foam	21	121-5575	2	Seal-Foam
6	110-5310-0P	2	Bracket - Mounting	22	121-5576	1	Seal-Foam
7	110-5276	2	Seal-Foam	23	120-3844-03	1	Screen
8	119-4041	10	Nut-HF	24	93-6028	1	Plate-Logo
9	2412-3	4	Clamp-Hose	25	138-6996	4	Nut-Push
10	120-3840	1	Oil Cooler And Radiator ASM	26	115-1556	1	Pin-Ball, Detent
10:1	281-13	1	Plug-Pipe	27	110-8752	1	Hose-Fuel
10:2	304-46	1	Draincock	28	110-0969	2	Seal-Foam
10:3	93-5957	1	Cap-Radiator	29	125-2905	1	Cap-Shroud, Diesel
10:4	106-6755	1	Decal-Cap, Radiator	30	93-7272	1	Decal-Warning
11	163-3540-03	1	Frame-Radiator	31	125-8767	2	Seal-Foam
12	3234-30	14	Screw-HHF	32	110-3257	1	Hose-Fuel
13	121-5568-0P	1	Bracket-Reservoir	33	137-8127	1	Decal-No Spray
				34	32180-030	1	Clip-Tie



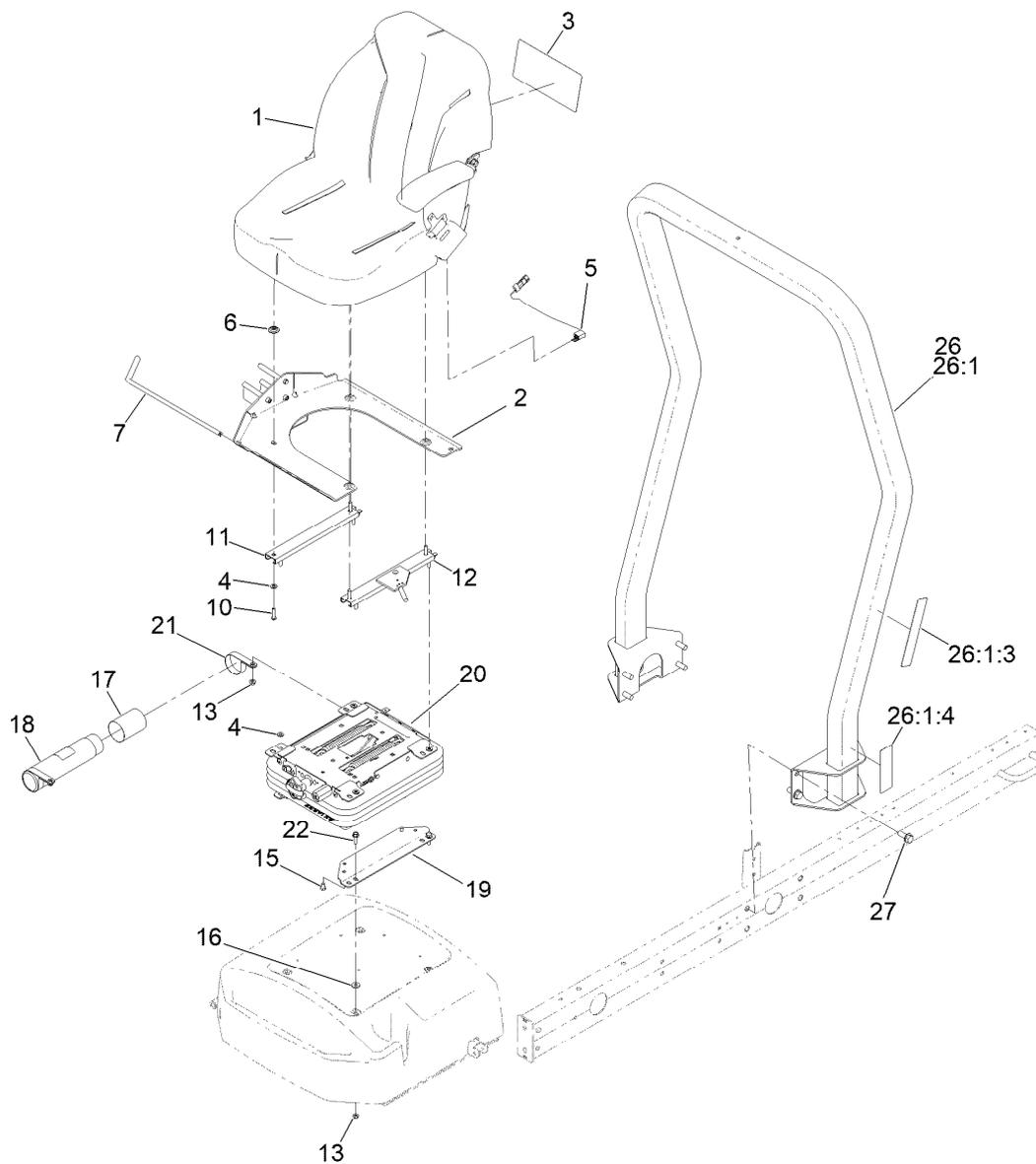
Hydraulic Tank Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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	119-4041	3	Nut-HF
10	322-6	1	Screw-HH
11	3256-3	1	Washer-Flat
12	61-2790	1	Filter-Screen



Fuel System Assembly

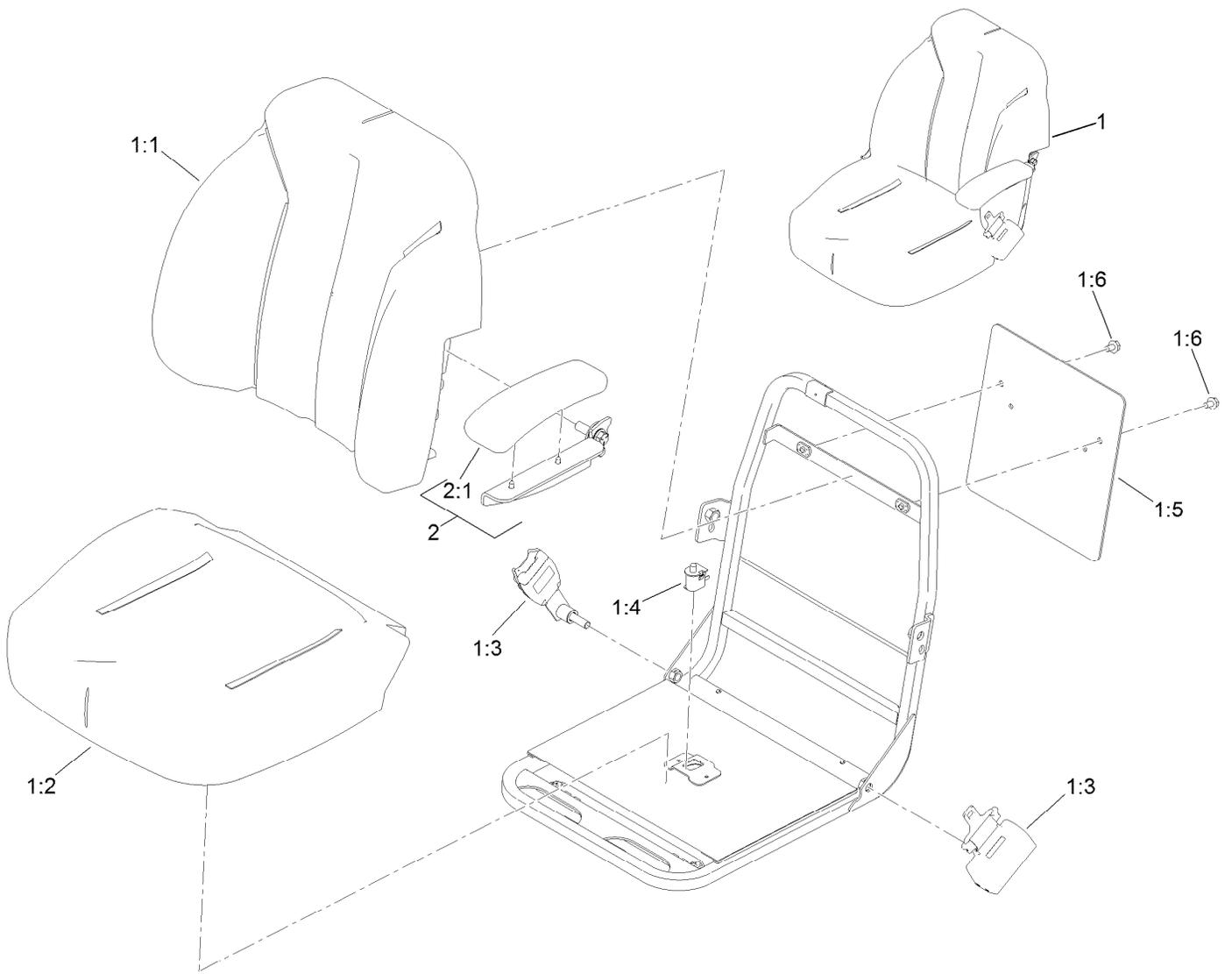
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	125-9173	1	Cap-Fuel, Diesel, Ultra Low Sulfur	14:1	125-2915	1	Filter-Fuel/Water Separator
2	109-2661	7	Screw-PPH	15	3234-33	2	Screw-HHF
3	94-5780	2	Screw-HWH	16	109-0308	1	Hose-Fuel
4	119-4041	5	Nut-HF	17	125-2945	1	Strap-Cable
5	107-4543	2	Clamp	18	161-8378	1	Hose-Fuel
6	125-2907	1	Fuel Tank ASM	19	161-8380	1	Hose-Fuel
6:2	2412-36	1	Clamp-Hose	20	3296-42	2	Nut-Lock, NI
6:3	304-46	1	Draincock	21	140-6245	1	Cap-Pump, Fuel
7	125-2903	1	Cover-Pump/Sender	22	140-6246	1	Gasket-Pump, Fuel,
8	2412-98	1	Clamp-Hose	23	121-5642	1	Sender-Fuel
9	322-6	1	Screw-HH	24	353-781	2	Fitting-HYD, 90
10	3256-3	1	Washer-Flat	25	3230-22	2	Screw-CARR
11	108-1605	1	Bumper-Recess	26	120-6299-0P	1	Bracket-Separator
12	92-2379	7	Clamp-Hose	27	33104-020	3	Screw-HHF
13	121-5613	1	Pump-Fuel, Electric	28	109-0274	1	Hose-Fuel
14	125-2914	1	Filter-Separator	29	3290-378	4	Tie-Cable
				30	3290-379	1	Tie-Cable



Seat and Roll-Over Protection System Assembly

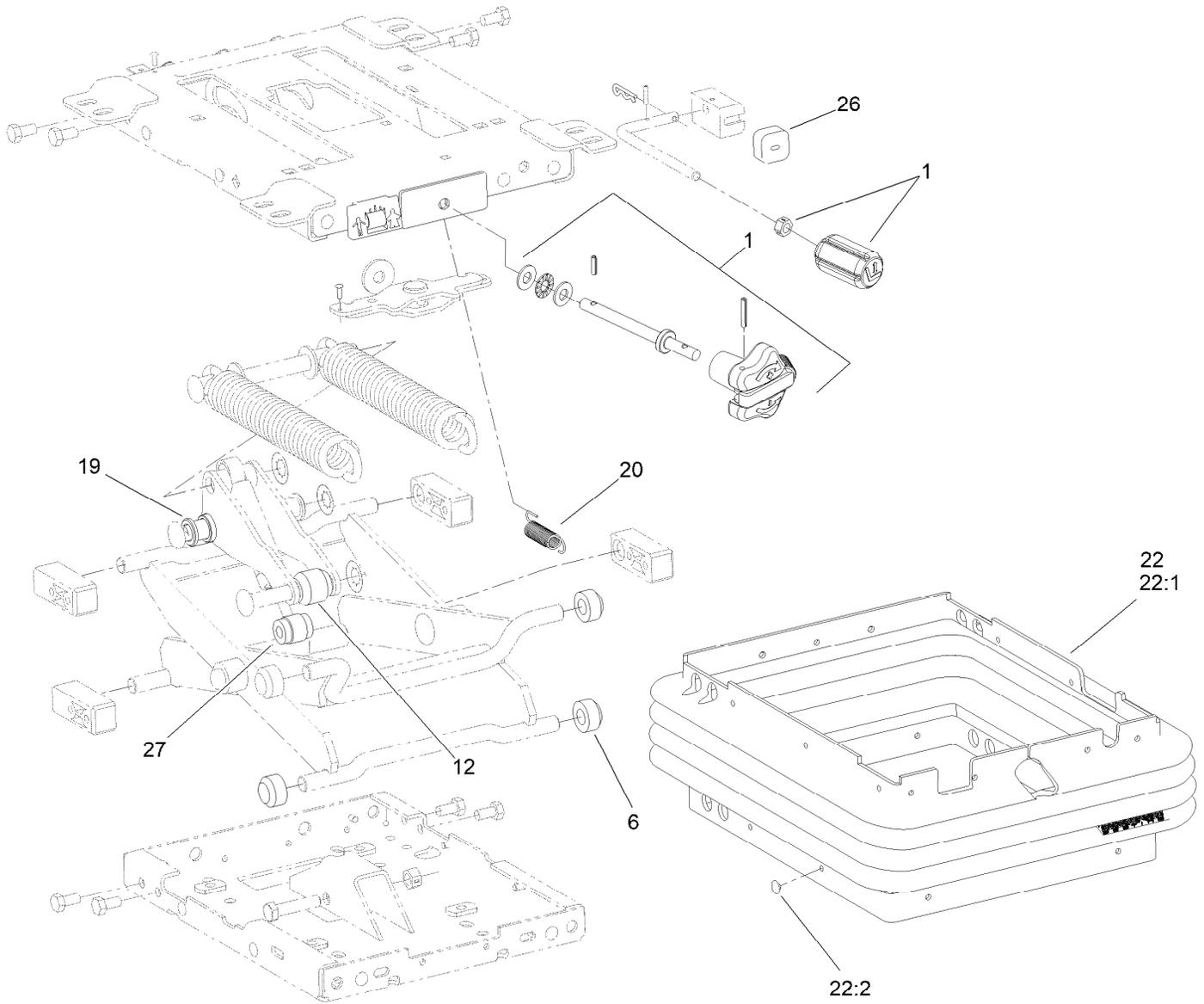
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-2700	1	Seat ASM	16	71-9310	4	Spacer
2	138-6985-03	1	Mount-Seat	17	104-7048	1	Cap-Housing
3	145-2573	1	Decal-Service	18	104-7050	1	Tube-Manual
4	3256-23	8	Washer-Plain	19	108-6590-0P	2	Bracket-Seat, Lower
5	108-8657	1	Harness-Wire, Seat	20	145-5295	1	Suspension ASM
6	136-9002	4	Spacer-Mounting	21	2412-133	2	Clamp-R
7	130-7100	1	Trim-Seatbase	22	3234-17	4	Screw-HHF
10	3290-511	4	Screw-HSBH	26	136-7954	1	ROPS ASM
11	92-8990	1	Adjuster-Seat, Non-Locking	26:1		1	ROPS ASM ●
12	92-8991	1	Adjuster (W/Latch)	26:1:3	136-3702	1	Decal-Safety, ROPS
13	119-4041	8	Nut-HF	26:1:4	136-2159	1	Decal-Seat Service
15	48-7680	4	Screw-HH	27	3234-38	8	Screw-HHF

● Not serviced separately



Seat Assembly No. 139-2700

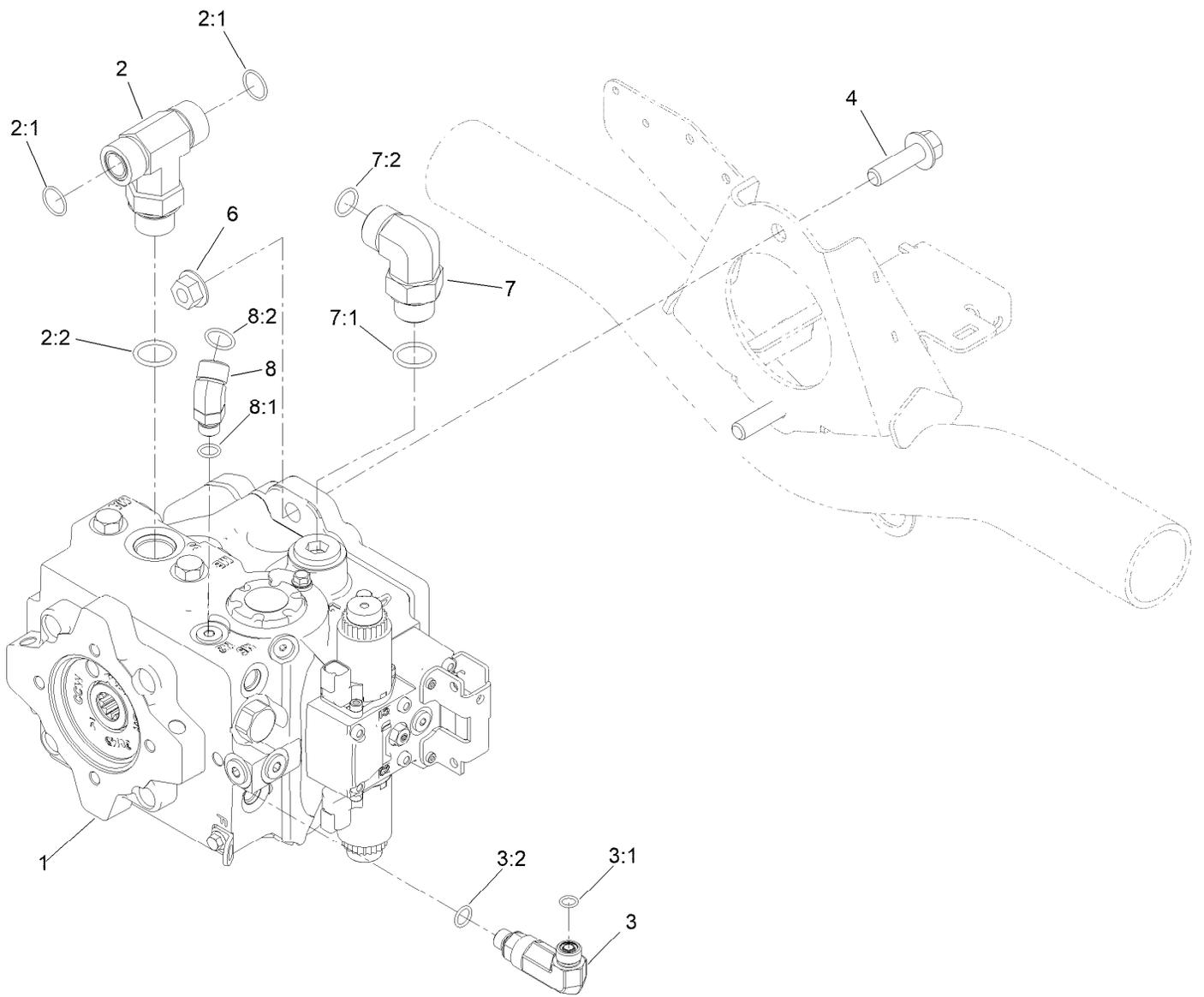
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	139-2680	1	Seat ASM
1:1	145-0083	1	Cover-Seat, Back
1:2	145-0084	1	Cover-Seat, Bottom
1:3	139-2707	1	Seat Belt Kit
1:4	82-2190	1	Switch-Bail
1:5	139-2701	1	Plate-Decal
1:6	3234-30	2	Screw-HHF
2	121-3660	1	LH Arm Rest Kit
2:1	110-4163	1	Cushion-Rest,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



Mechanical Seat Suspension Assembly No. 145-5295

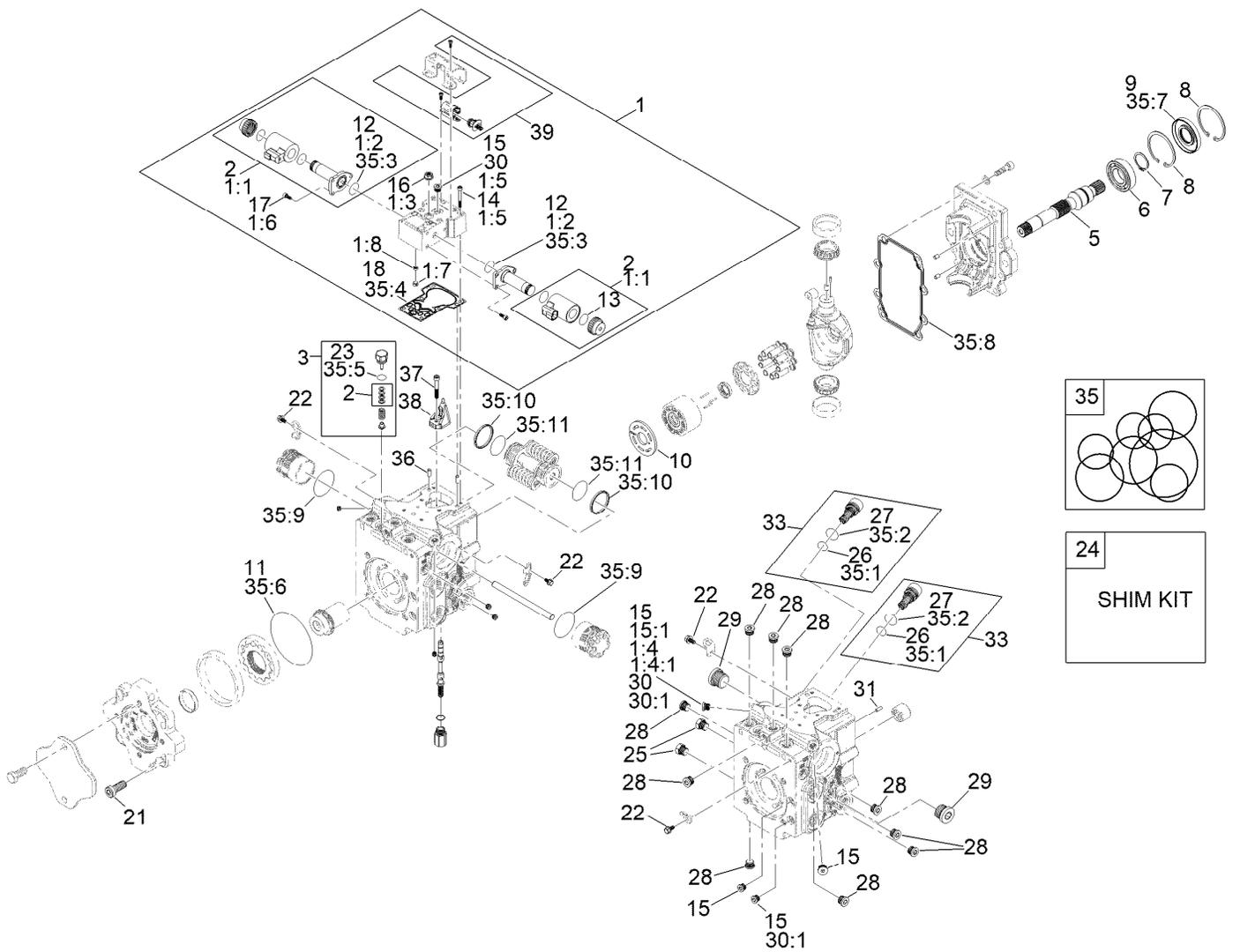
Ref.	Part Number	Qty.	Description
1	145-5296	1	Knob Service Kit
6	108-9632	4	Roller
12	145-5297	1	Roller-Plastic, 36MM
19	108-9622	2	Tube
20	108-9633	1	Spring-Extension
22	112-0164	1	Boot Kit
22:1		1	Boot-Suspension ●
22:2	108-9641	21	Clip-Plug
26	108-9634	1	Bumper
27	108-9614	1	Damper

● 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

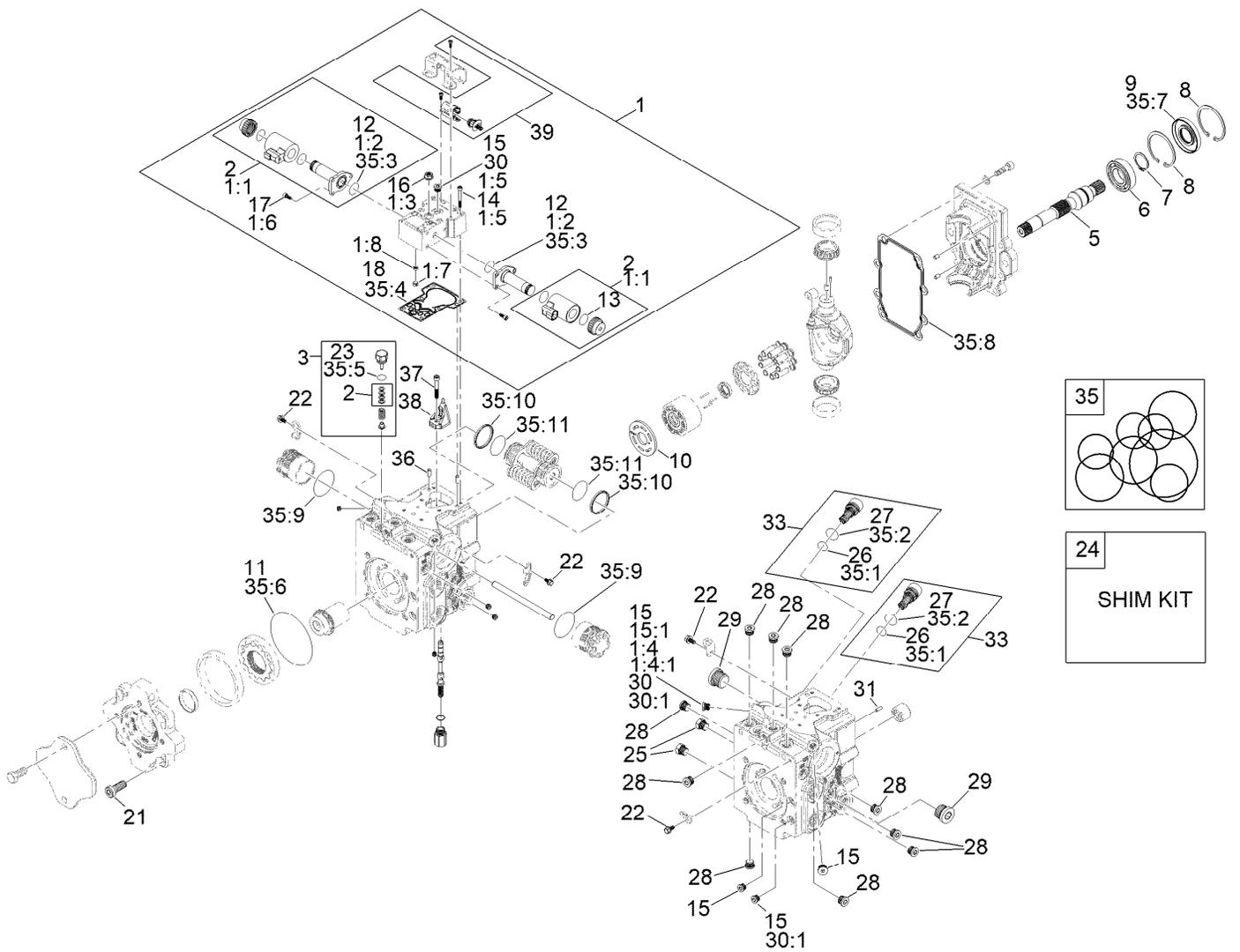


Hydraulic Pump Assembly No. 144-2060

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	136-3209	1	Control Kit (12 Volt)	11	161-7206	1	O-Ring As568-244 Nbr90
1:1	132-6204	2	Coil Kit	12	125-5288	2	O-Ring
1:2	125-5288	2	O-Ring	13	131-7388	2	O-Ring
1:3	125-5273	1	Nut-Seal	14	125-5274	6	Screw
1:4	75-0170	1	Plug-Thread, Straight	15	75-0170	4	Plug-Thread, Straight
1:4:1	92-8777	1	O-Ring	15:1	92-8777	1	O-Ring
1:5	125-5274	6	Screw	16	161-7200	1	Nut-Hex Seal
1:6	125-5272	6	Screw	17	125-5272	6	Screw
1:7	136-3213	1	Gasket-Control	18	125-5283	1	Gasket-Control
1:8	136-3218	1	Sensor Kit	21	125-5282	4	Screw
2	125-5294	2	Coil Kit	22	125-5270	4	Screw
3	161-7203	1	Charge Relief Valve	23	125-5298	1	O-Ring
5	139-4811	1	Shaft-13Tooth	24	92-1353	1	Shim Kit
6	139-4820	1	Bearing-Ball	25	136-1026	1	Plug ASM
7	139-4806	1	Ring-Retaining	26	75-0240	2	O-Ring
8	139-4831	2	Ring-Retaining	27	84-0560	2	O-Ring
9	161-7202	1	Oil Seal-Black	28	69-3080	10	Plug
10	139-4813	1	Plate-Valve	29	69-3130	1	Plug

● Not illustrated

■ Not serviced separately

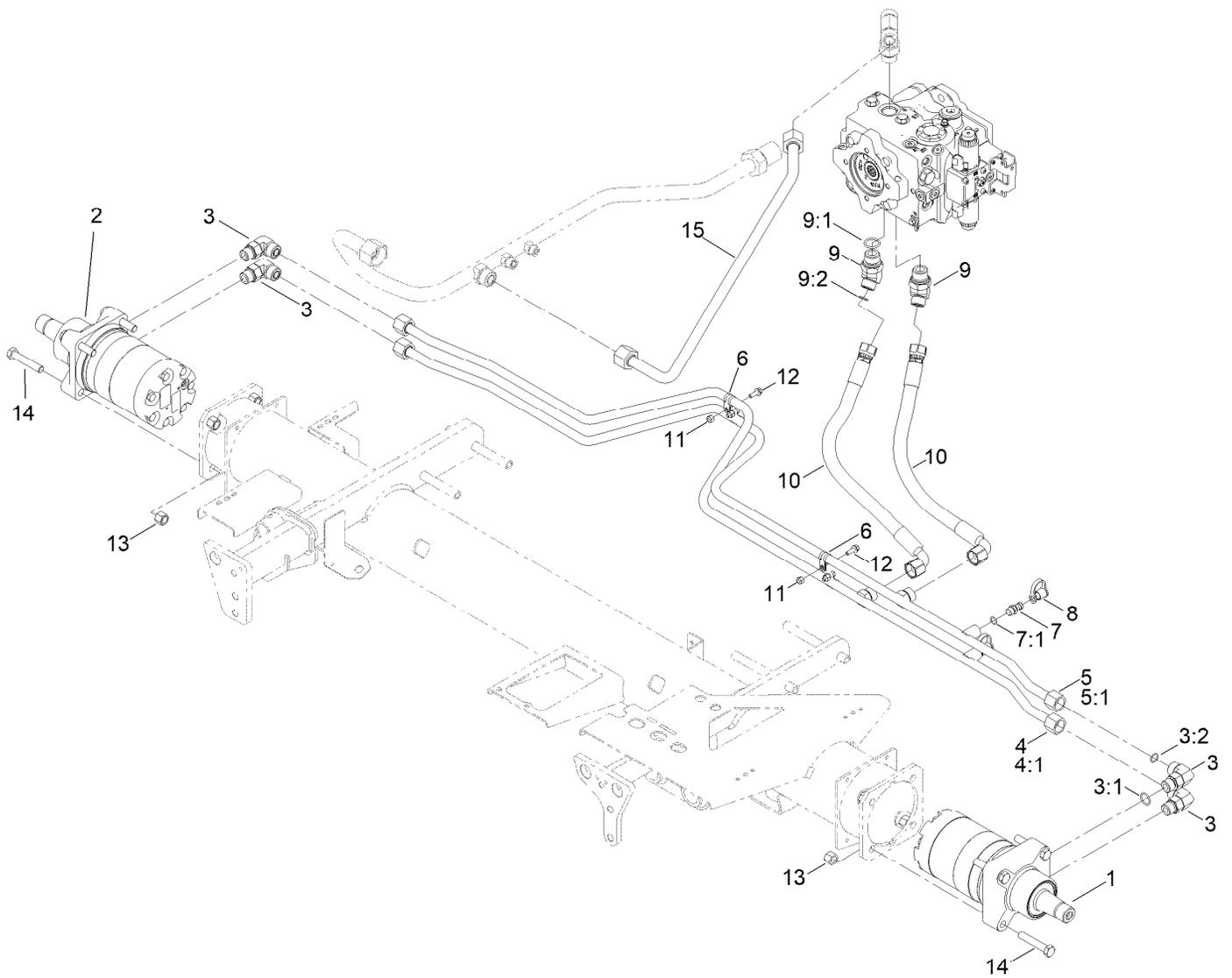


Hydraulic Pump Assembly No. 144-2060 (continued)

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 ●

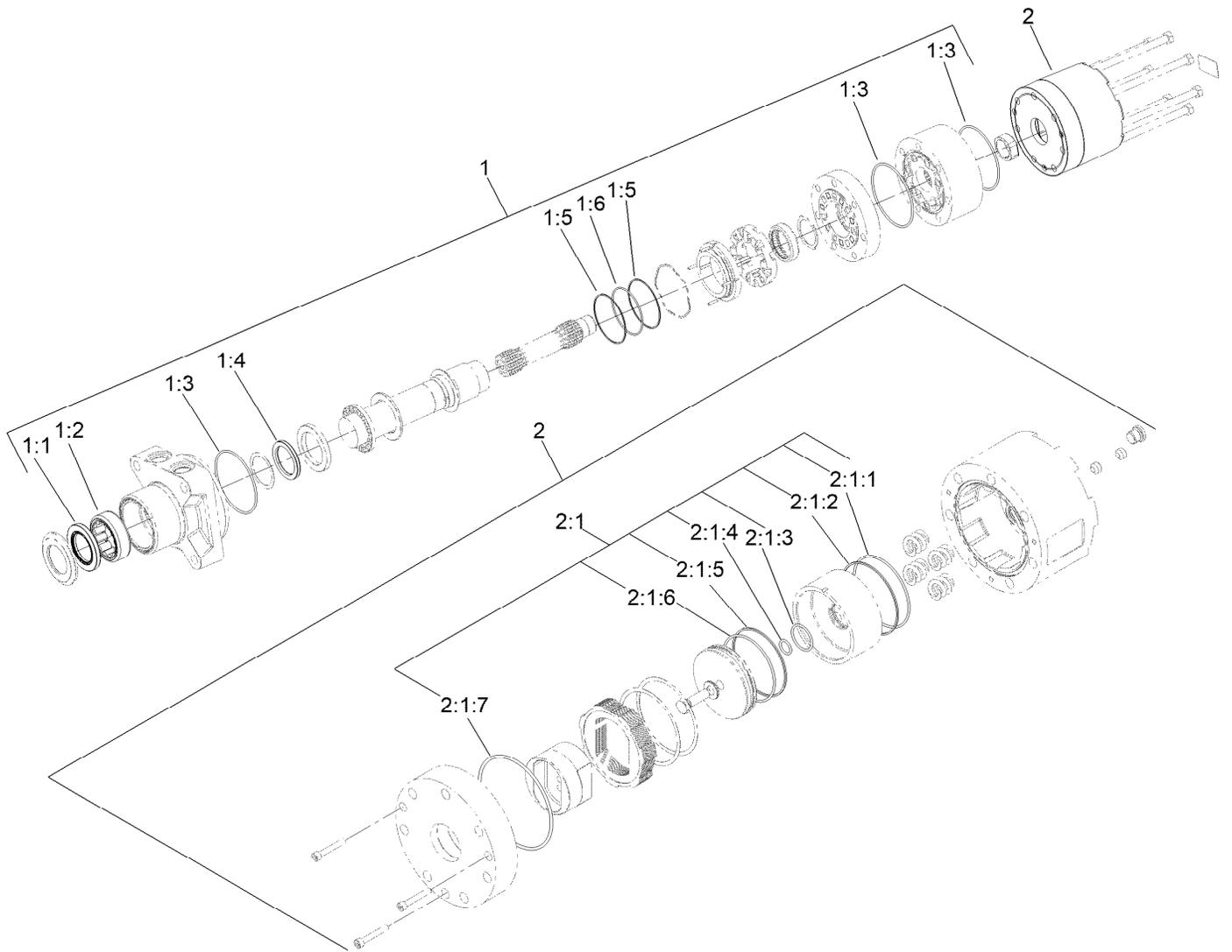
● Not illustrated

■ Not serviced separately



Traction Hydraulic Assembly

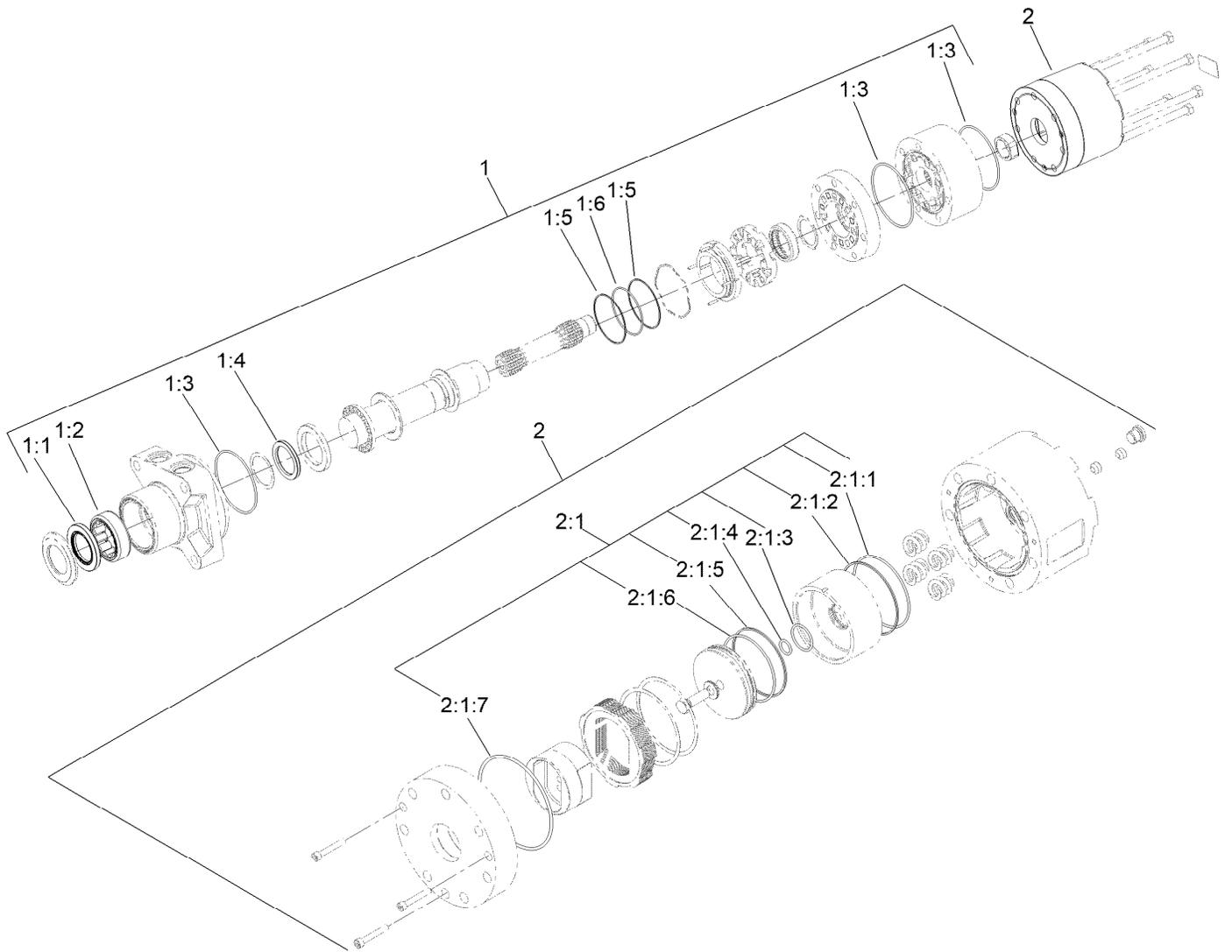
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	163-3542	1	Hydraulic Motor ASM	7:1	237-42	1	O-Ring
2	163-3543	1	Hydraulic Motor ASM	8	354-79	2	Cap-Dust
3	340-17	4	Fitting-Elbow, 90 DEG	9	340-156	2	Fitting-Elbow 45
3:1	237-65	1	O-Ring	9:1	237-65	1	O-Ring
3:2	237-80	1	O-Ring	9:2	237-81	1	O-Ring
4	108-7632	1	Hydraulic Tube ASM	10	108-1679	2	Hose-HYD
4:1	237-65	1	O-Ring	11	3296-42	4	Nut-Lock, NI
5	108-7633	1	Tube ASM	12	3234-4	4	Screw-HHF
5:1	237-65	1	O-Ring	13	3296-23	8	Nut-Lock, NI
6	2412-134	4	Clamp-R	14	325-11	8	Screw-HH
7	59-7410	2	Fitting-Diagnostic	15	145-2560	1	Hydraulic Tube ASM



Hydraulic Motor Assembly No. 163-3542

<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	161-7208	1	Seal Kit	2:1:1	161-8367	1	O-Ring
1:1	161-7209	1	Seal, Grease	2:1:2	161-8368	1	Backup Ring
1:2	161-7210	1	Shell, Bearing	2:1:3	161-8369	1	O-Ring
1:3	161-7211	3	O-Ring	2:1:4	161-8370	1	O-Ring
1:4	161-7212	1	Shaft Seal (HP)	2:1:5	161-8371	1	Backup Ring
1:5	161-7213	2	Back-Up Ring	2:1:6	161-8372	1	O-Ring
1:6	161-7214	1	O-Ring	2:1:7	161-7211	1	O-Ring
2	163-2617	1	Brake Housing ASM	2:1:8	161-8373	1	O-Ring ●
2:1	163-2627	1	Seal Kit-Brake ASM				

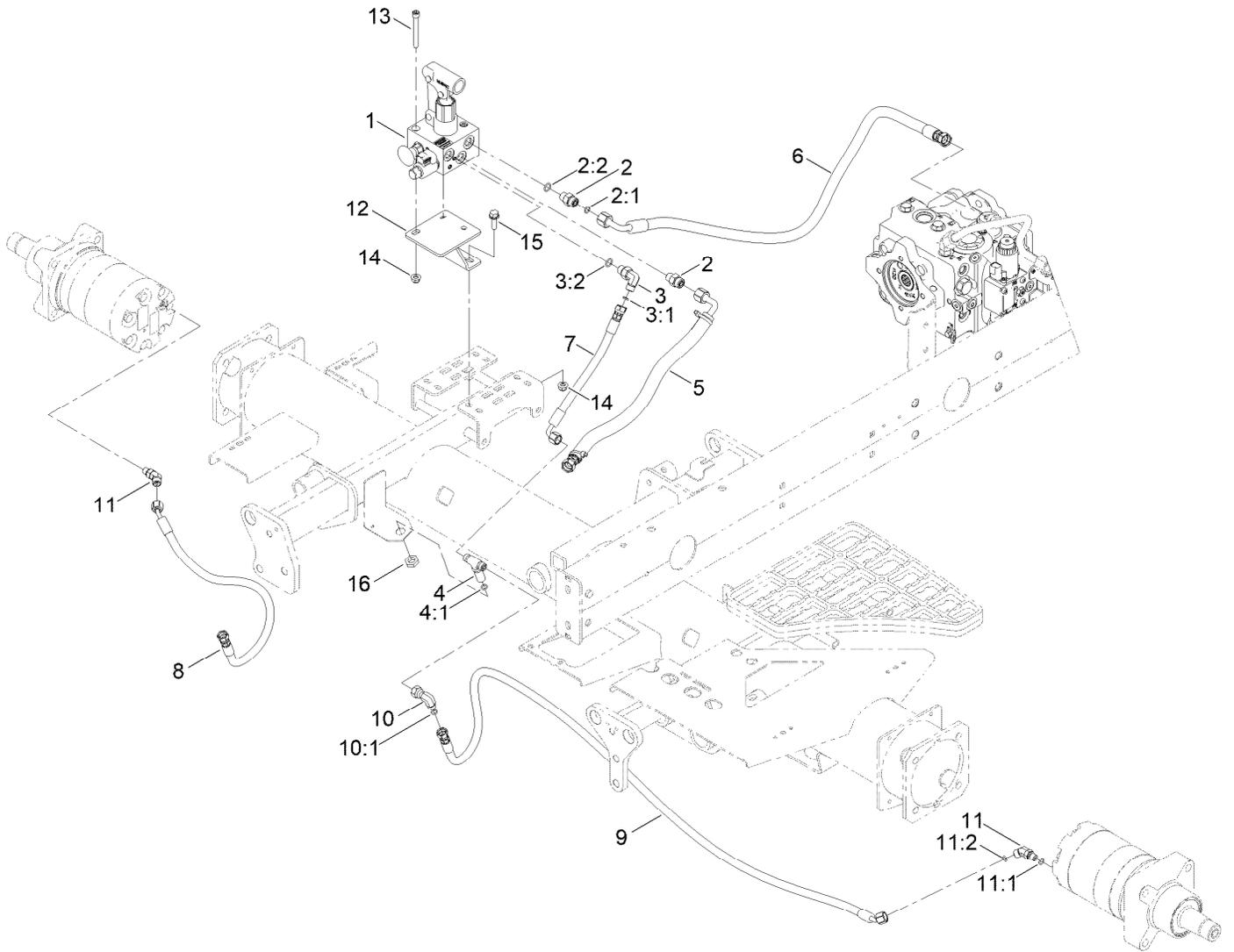
● Not illustrated



Hydraulic Motor Assembly No. 163-3543

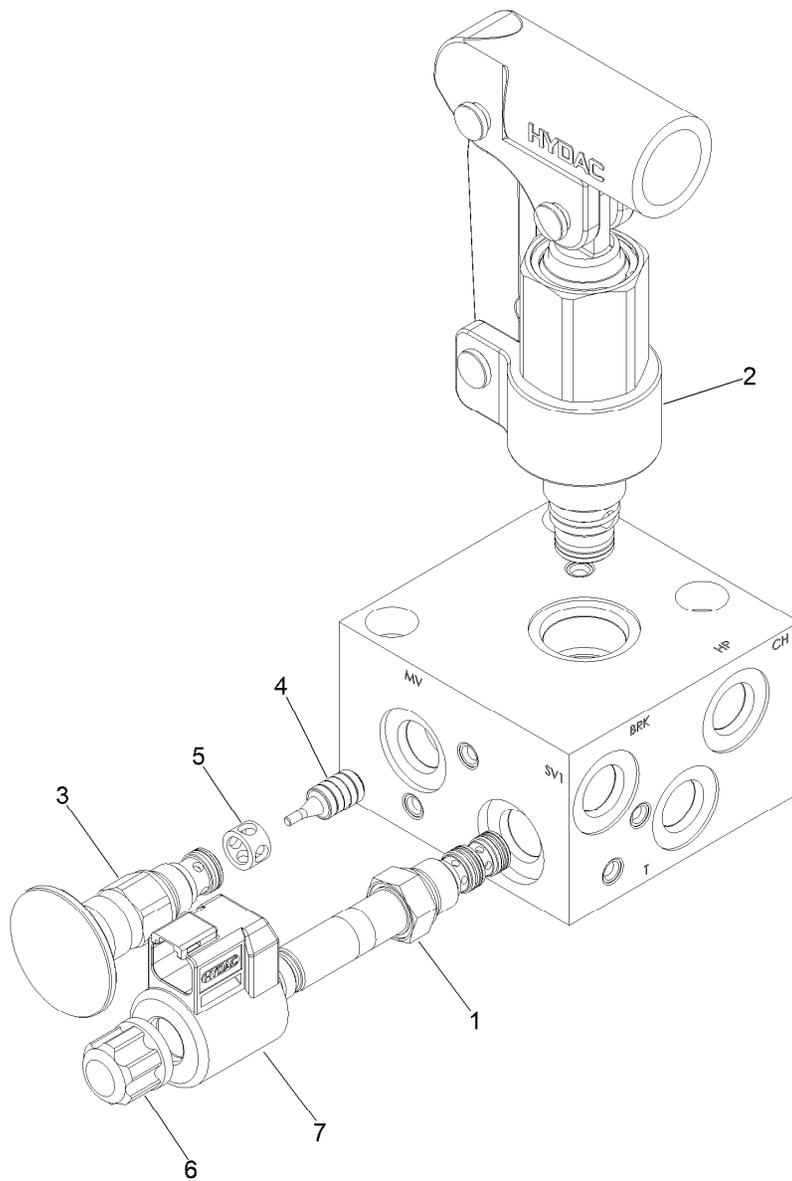
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	161-7208	1	Seal Kit	2:1:1	161-8367	1	O-Ring
1:1	161-7209	1	Seal, Grease	2:1:2	161-8368	1	Backup Ring
1:2	161-7210	1	Shell, Bearing	2:1:3	161-8369	1	O-Ring
1:3	161-7211	3	O-Ring	2:1:4	161-8370	1	O-Ring
1:4	161-7212	1	Shaft Seal (HP)	2:1:5	161-8371	1	Backup Ring
1:5	161-7213	2	Back-Up Ring	2:1:6	161-8372	1	O-Ring
1:6	161-7214	1	O-Ring	2:1:7	161-7211	1	O-Ring
2	163-2617	1	Brake Housing ASM	2:1:8	161-8373	1	O-Ring ●
2:1	163-2627	1	Seal Kit-Brake ASM				

● Not illustrated



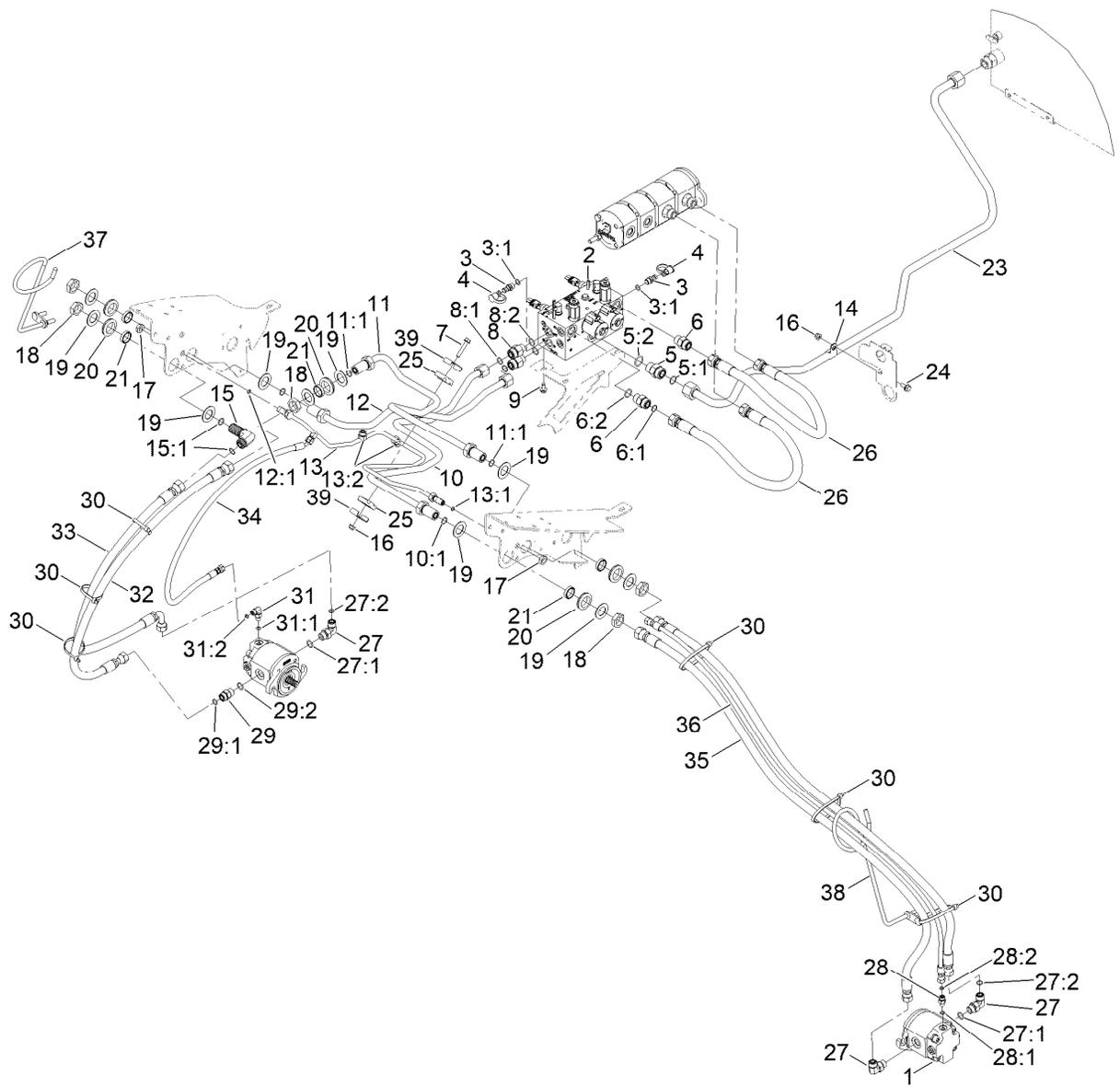
Hydraulic Brake Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	139-6046	1	Manifold-Brake Release	9	115-2029	1	HYD Hose ASM
2	340-2	2	Fitting-Straight	10	92-2745	1	Elbow-90
2:1	237-22	1	O-Ring	10:1	237-21	1	O-Ring
2:2	237-42	1	O-Ring	11	340-103	2	Fitting-HYD, 45 DEG
3	340-82	1	Fitting-Elbow, 90 DEG	11:1	237-78	1	O-Ring
3:1	237-42	1	O-Ring	11:2	237-21	1	O-Ring
3:2	237-21	1	O-Ring	12	145-2459-03	1	Mount - Brake Release [black]
4	140-7452	1	Fitting-Tee, Bulkhead	13	3274-40	3	Screw-HSH
4:1	237-21	3	O-Ring	14	119-4041	5	Nut-HF
5	163-3508	1	Hose ASM-HYD	15	3234-29	2	Screw-HHF
6	145-2455	1	Hose ASM-Hydraulic	16	340-78	1	Nut-Lock
7	121-4455	1	Hose-HYD				
8	145-2599	1	Hose ASM-HYD HP				



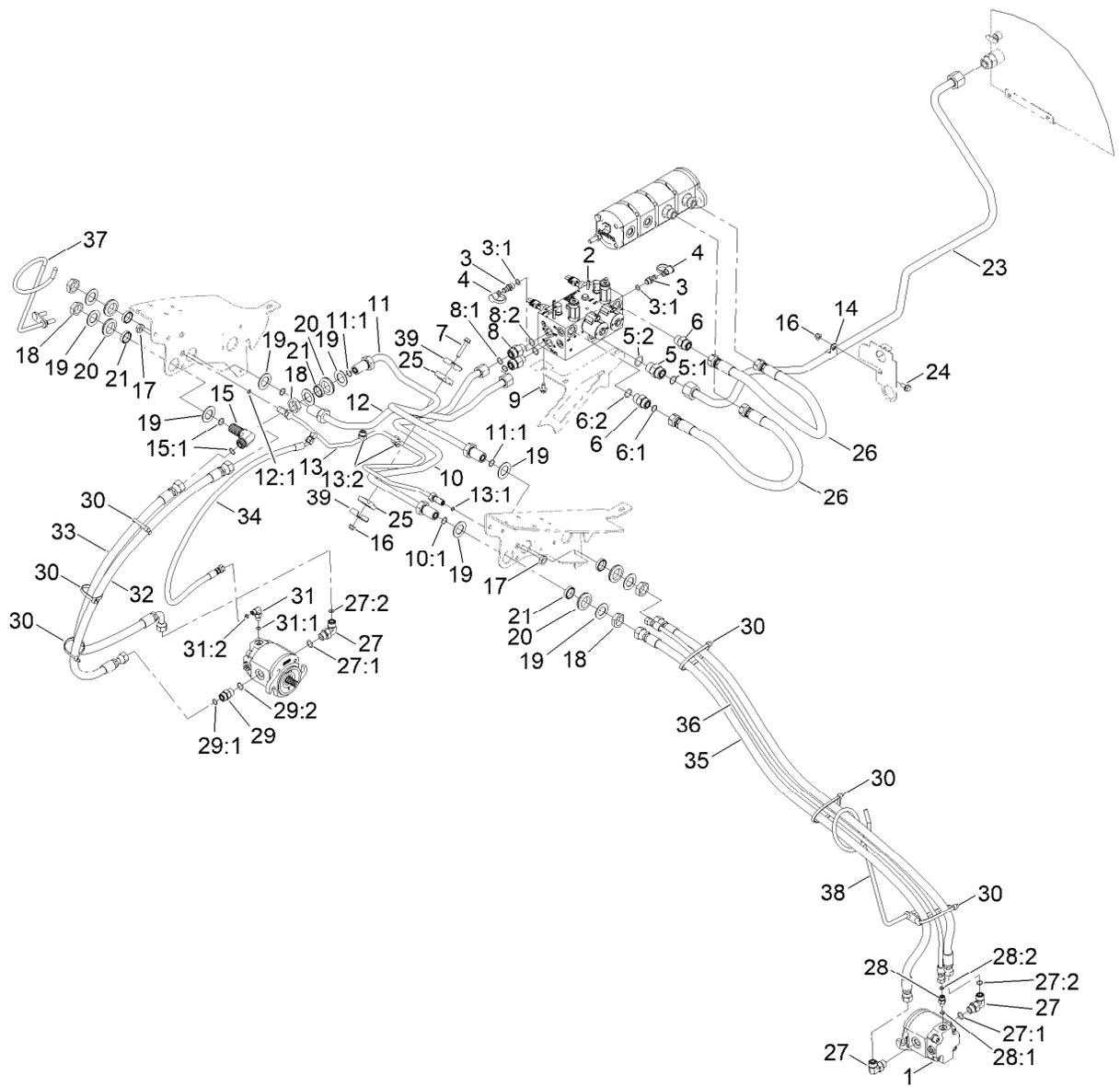
Brake Release Manifold Assembly No. 139-6046

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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



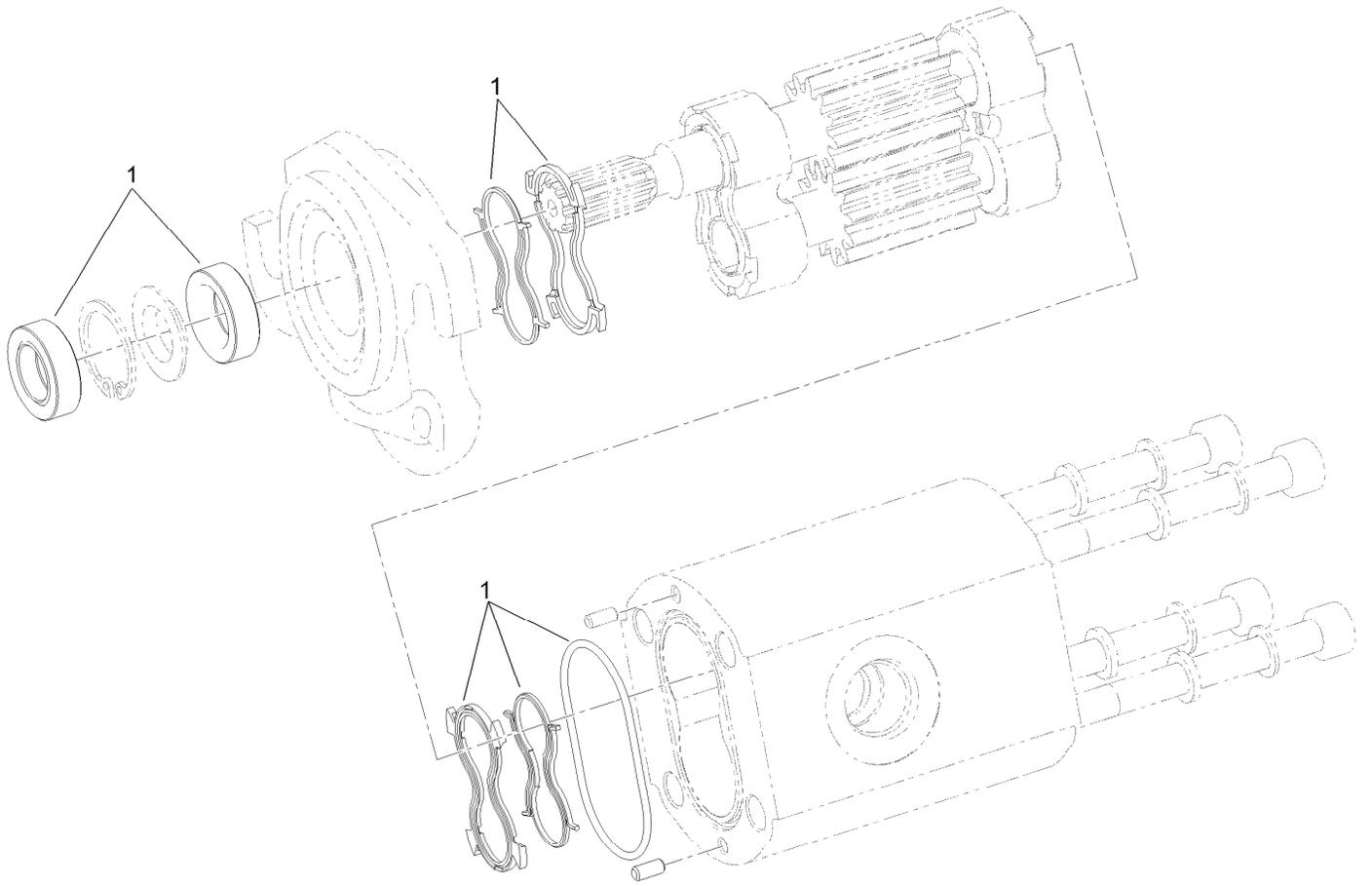
No. 1, 4 and 5 Reel Drive Hydraulic Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	120-2072	3	HYD Motor ASM	12:1	237-65	1	O-Ring
2	121-5628	1	Hydraulic Manifold ASM	13	163-3513	1	Hydraulic Tube ASM
3	59-7410	2	Fitting-Diagnostic	13:1	237-22	2	O-Ring
3:1	237-42	1	O-Ring	13:2	237-21	3	O-Ring
4	354-79	2	Cap-Dust	14	2412-4	1	Clamp-R
5	340-9	1	Fitting-STR	15	340-72	1	Fitting-Bulkhead, 90 DEG
5:1	237-58	1	O-Ring	15:1	237-65	2	O-Ring
5:2	237-81	1	O-Ring	16	119-4041	2	Nut-HF
6	340-7	2	Fitting-Straight	17	340-78	2	Nut-Lock
6:1	237-65	1	O-Ring	18	340-74	5	Nut-Lock, Bulkhead
6:2	237-80	1	O-Ring	19	69-9010	10	Washer
7	94-5780	1	Screw-HWH	20	240-3	5	Grommet-Rubber
8	340-155	2	Fitting-Straight	21	125-1984	5	Spacer
8:1	237-79	1	O-Ring	23	120-3769	1	Hydraulic Tube ASM
8:2	237-151	1	O-Ring	24	3234-5	1	Screw-HHF
9	3234-14	3	Screw-HHF	25	56-7970	2	Clamp-Tube
10	145-2530	1	Hydraulic Tube ASM	26	108-1686	2	Hose-HYD
10:1	237-65	1	O-Ring	27	340-98	5	Fitting-Elbow, 90 DEG
11	117-0137	1	Tube ASM	27:1	237-79	1	O-Ring
11:1	237-65	2	O-Ring	27:2	237-30	1	O-Ring
12	145-2529	1	Hydraulic Tube ASM	28	340-92	2	Fitting-Straight



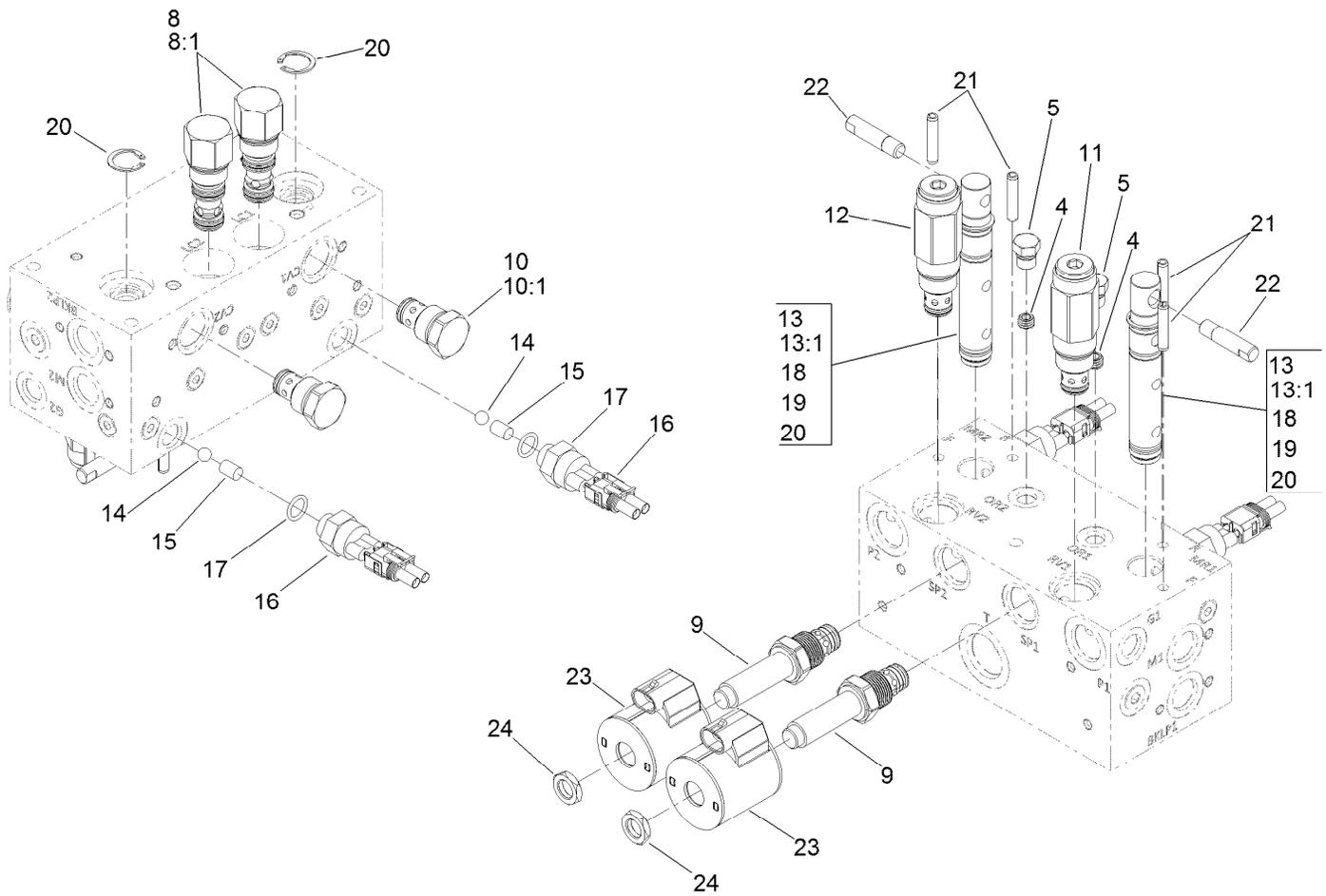
No. 1, 4 and 5 Reel Drive Hydraulic Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
28:1	237-78	1	O-Ring	32	114-0633	1	Hose-HYD
28:2	237-21	1	O-Ring	33	117-5190	1	Hose-HYD
29	340-4	1	Fitting-Straight	34	140-7456	1	Hose ASM
29:1	237-30	1	O-Ring	35	117-5188	4	Hose-HYD
29:2	237-79	1	O-Ring	36	106-3680	2	Hose-HYD
30	3334-945	9	Tie-Cable	37	139-5995	1	Guide-Hose, RH
31	340-132	1	Fitting-Elbow, 90 DEG	38	139-5996	1	Hose Guide ASM-LH
31:1	237-78	1	O-Ring	39	119-1419	2	Plate-Clamp
31:2	237-21	1	O-Ring				



Hydraulic Reel Motor Assembly No. 120-2072

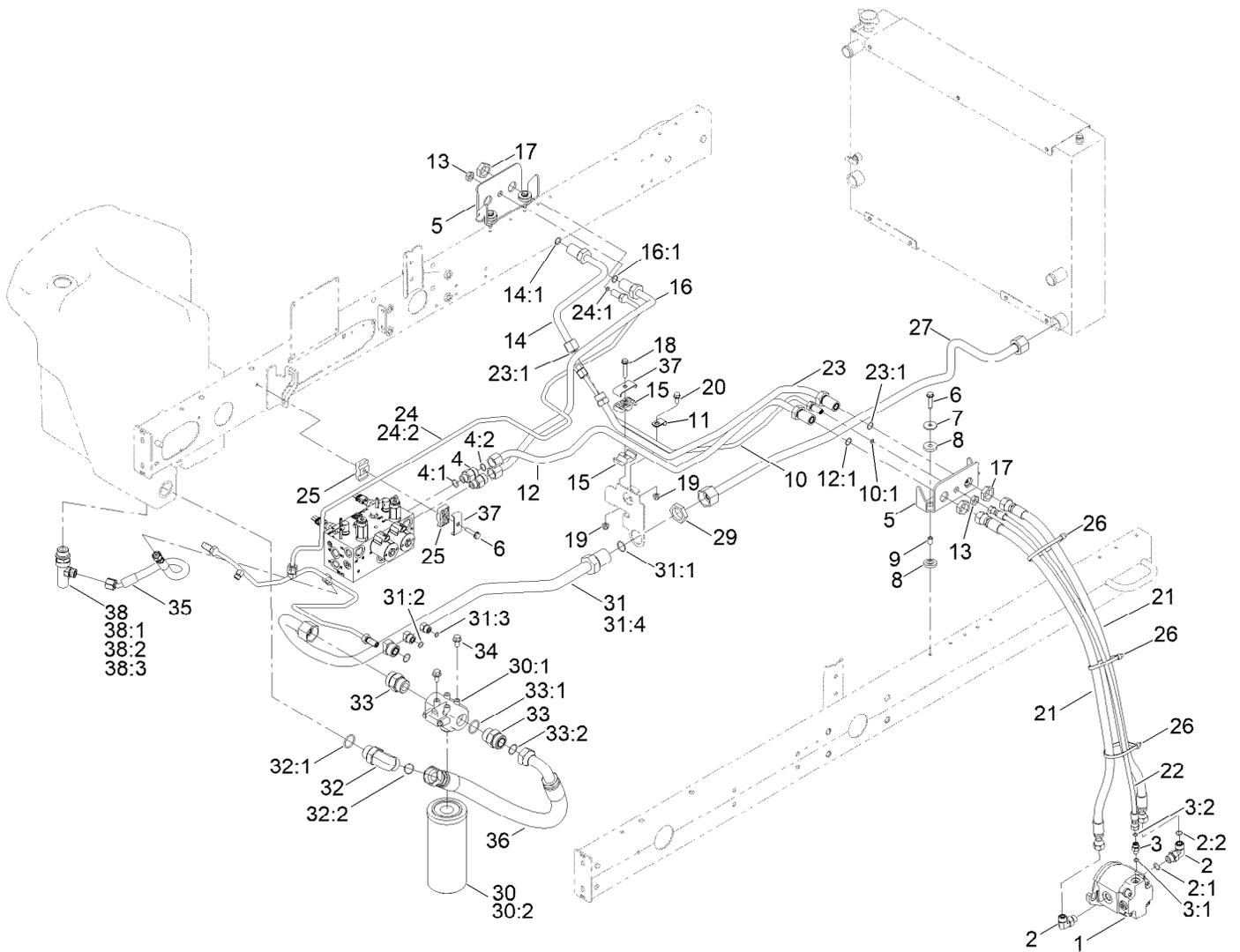
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	145-2785	1	Seal Kit



Manifold Assembly No. 121-5628

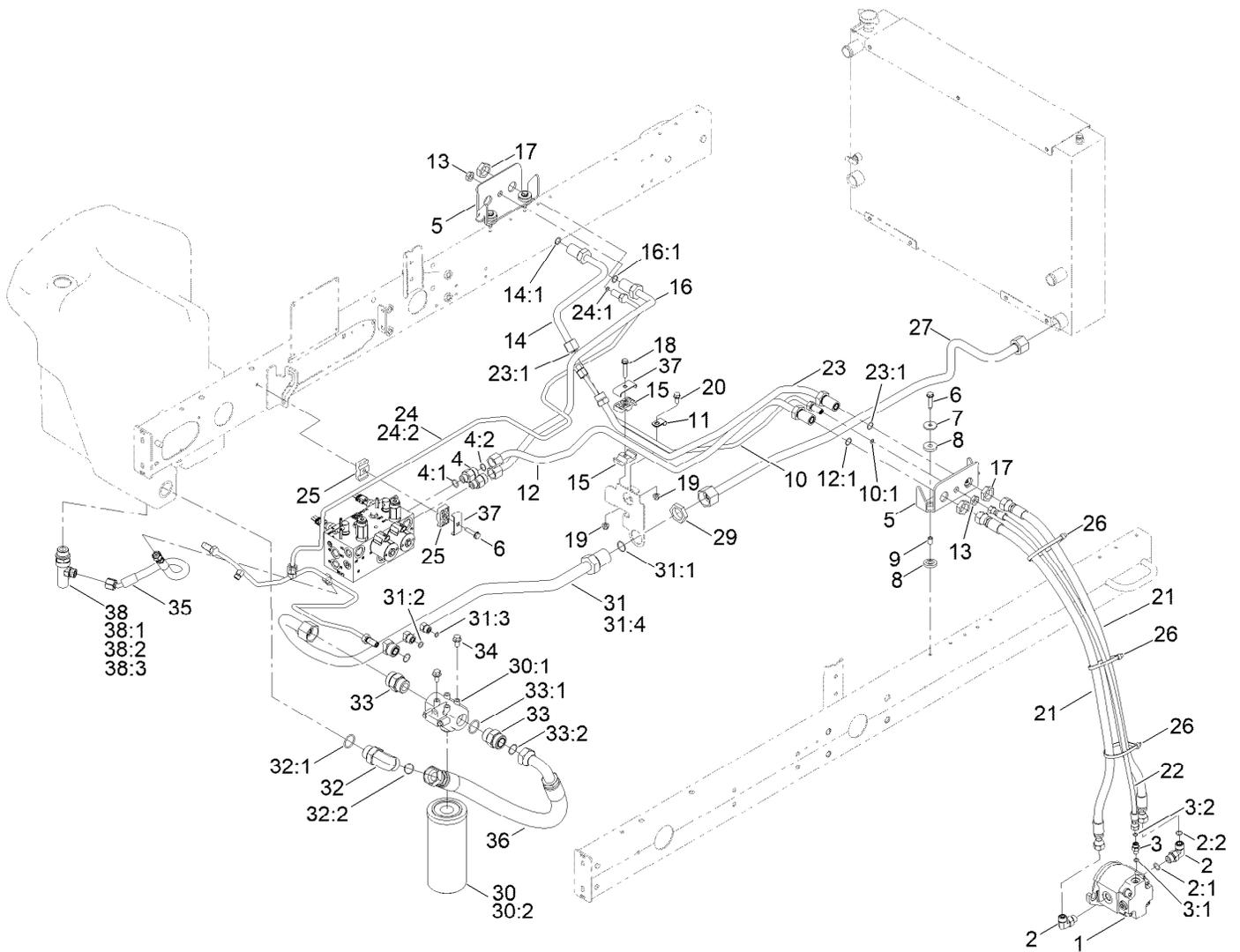
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
4	110-8883	1	Plug-Orifice (0.040)	14	117-4605	2	Ball-SS
5	117-0115	1	Plug	15	120-1650	2	Pin
8	120-1693	2	Compensator-Pressure	16	72-4310	2	Switch-Ball
8:1	119-2159	1	Seal Kit	17	110-8757	2	O-Ring
9	138-6961	2	Valve-Proportional, NC	18	117-4606	6	O-Ring
10	110-8881	2	Valve-Check	19	112-6534	4	Ring-Back Up
10:1	105-9159	1	Seal Kit ●	20	112-6532	4	Ring-Retaining
11	138-6962	1	Valve-Relief, 2500 PSI	21	112-6531	4	Pin-Spring
12	138-6963	1	Valve-Relief, 3500 PSI	22	110-8758	2	Handle-Spool
13	117-0108	2	Spool-Rotary	23	110-6344	2	Coil-12V, DC
13:1	117-0109	1	Seal Kit	24	110-2634	2	Nut-Coil

● Not illustrated



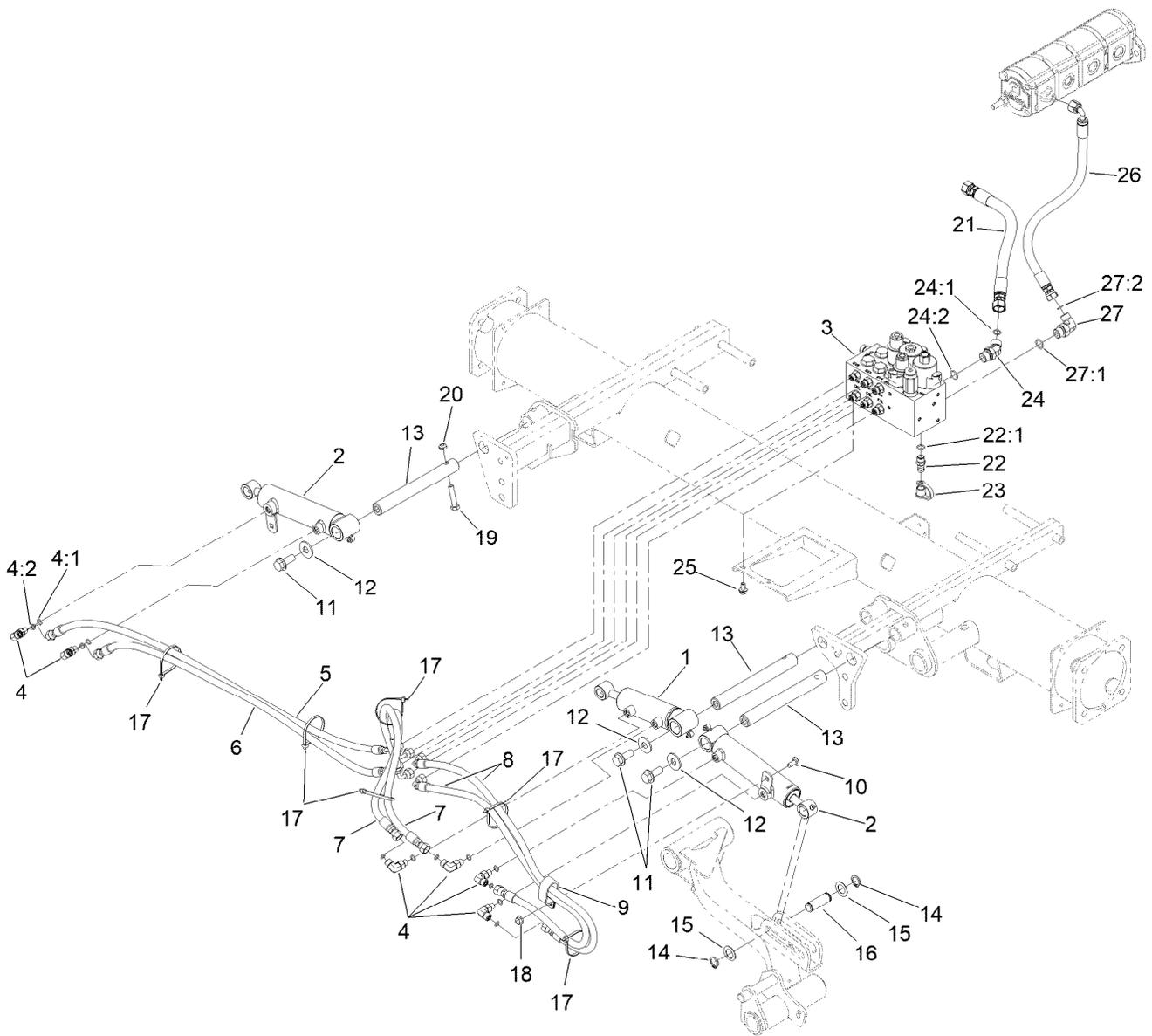
No. 2 and 3 Reel Drive Hydraulic Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	120-2072	2	HYD Motor ASM	14	117-0140	1	Tube ASM
2	340-98	4	Fitting-Elbow, 90 DEG	14:1	237-65	1	O-Ring
2:1	237-79	1	O-Ring	15	56-7971	2	Clamp-Tube
2:2	237-30	1	O-Ring	16	145-2527	1	Hydraulic Tube ASM
3	340-92	2	Fitting-Straight	16:1	237-65	1	O-Ring
3:1	237-78	1	O-Ring	17	340-74	4	Nut-Lock, Bulkhead
3:2	237-21	1	O-Ring	18	94-5780	1	Screw-HWH
4	340-155	2	Fitting-Straight	19	119-4041	2	Nut-HF
4:1	237-79	1	O-Ring	20	3234-5	1	Screw-HHF
4:2	237-151	1	O-Ring	21	114-0633	4	Hose-HYD
5	117-0174-03	2	Bracket-Bulkhead	22	98-4590	2	Hose-HYD
6	32144-57	5	Screw-Thd Roll	23	120-3775	1	HYD Tube ASM
7	105-3048	4	Washer-Flat	23:1	237-65	2	O-Ring
8	240-11	8	Bushing-Flange	24	145-2533	1	Hydraulic Tube ASM
9	99-8611	4	Spacer	24:1	237-21	1	O-Ring
10	120-3772	1	HYD Tube ASM	24:2	237-22	1	O-Ring
10:1	237-21	1	O-Ring	25	56-7972	2	Clamp-Tube
11	2412-113	1	Clamp-R	26	3334-945	6	Tie-Cable
12	145-2534	1	Hydraulic Tube ASM	27	121-5600	1	HYD Tube ASM
12:1	237-65	1	O-Ring	29	340-128	1	Nut-Bulkhead
13	340-78	2	Nut-Lock	30	98-3923	1	Oil Filter ASM



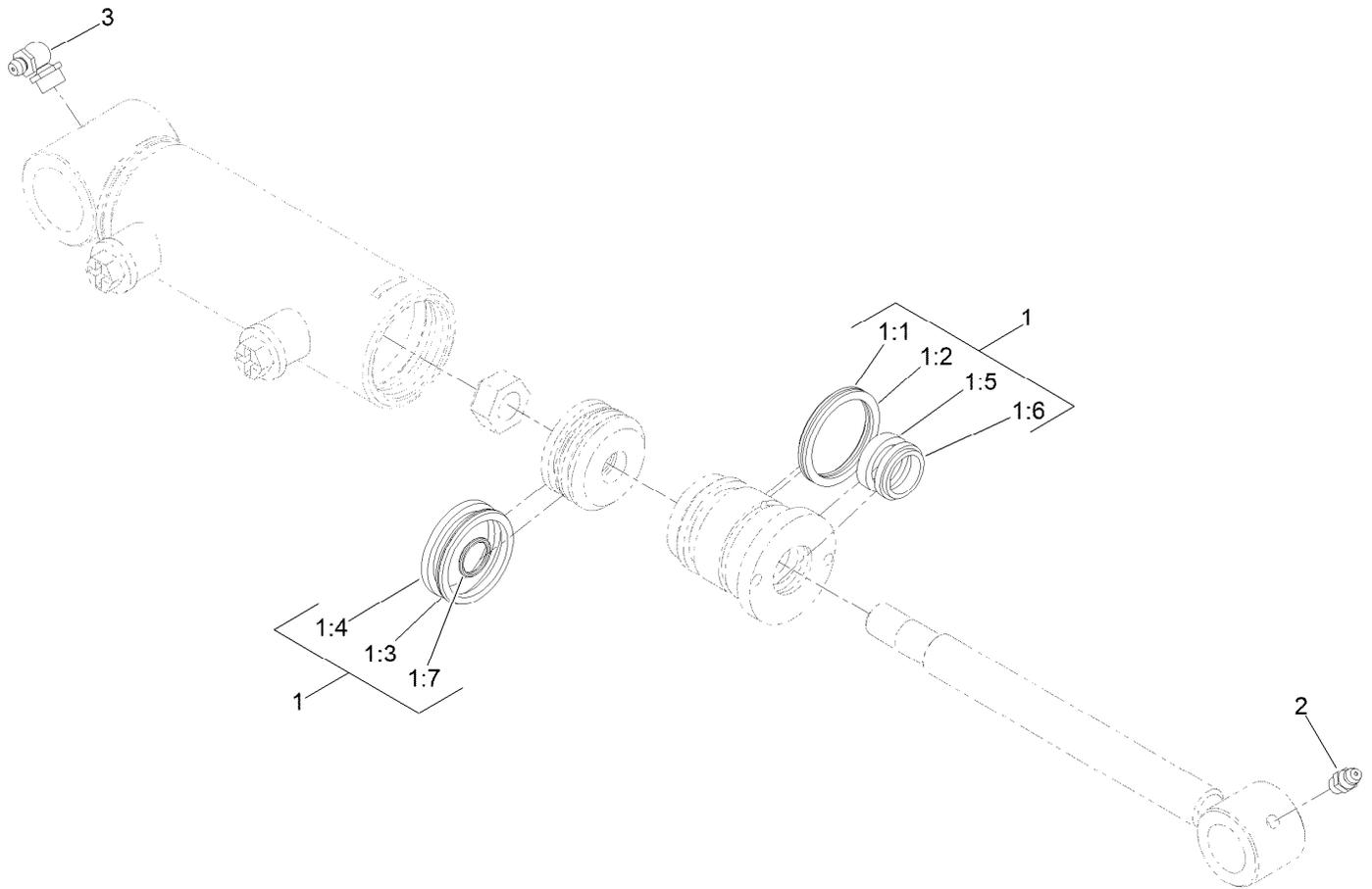
No. 2 and 3 Reel Drive Hydraulic Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
30:1	104-0080	1	Filter Head ASM	33:1	237-146	1	O-Ring
30:2	94-2621	1	Element-Filter	33:2	340-65	1	O-Ring
31	144-2055	1	Tube ASM-Hydraulic	34	3234-1	2	Screw-HHF
31:1	340-65	1	O-Ring	35	163-3514	1	Hose ASM-HYD
31:2	237-30	1	O-Ring	36	108-1689	1	Hose-HYD
31:3	237-22	1	O-Ring	37	119-1419	2	Plate-Clamp
31:4	237-58	1	O-Ring	38	144-2080	1	Fitting-Manifold
32	340-129	1	Fitting-Elbow, 90 DEG	38:1	237-81	1	O-Ring
32:1	237-146	1	O-Ring	38:2	237-30	1	O-Ring
32:2	340-65	1	O-Ring	38:3	237-22	1	O-Ring
33	104-3797	2	Fitting-Straight				



No. 1, 4 and 5 Lift Arm Hydraulic Assembly

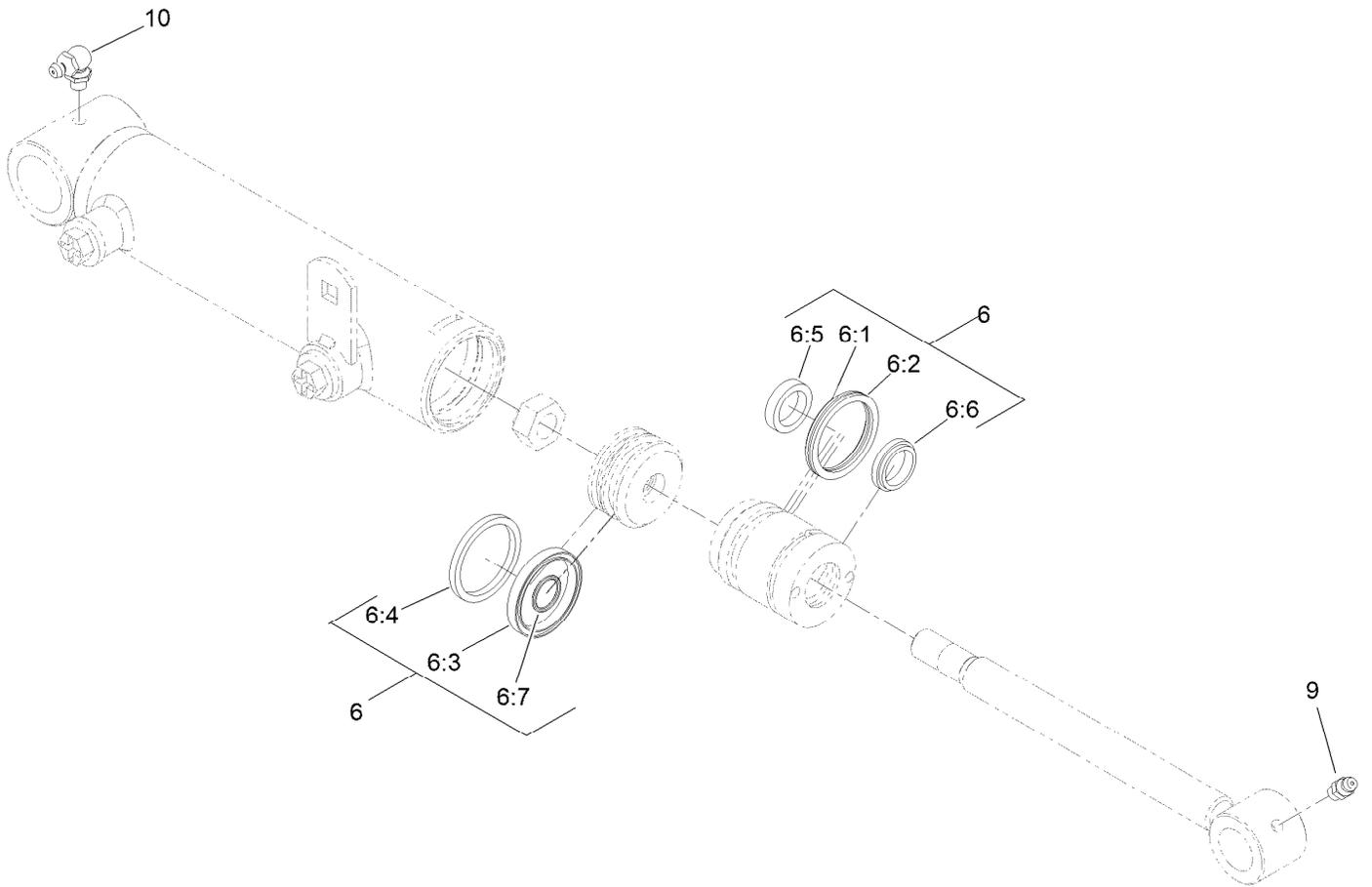
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	163-2624	1	Cylinder-Hydraulic	16	104-0046	3	Pin-Slide, Cylinder
2	163-3534	2	Cylinder-Hydraulic	17	3290-379	6	Tie-Cable
3	105-7577	1	HYD Lift Block Manifold ASM	18	119-4041	1	Nut-HF
4	340-132	6	Fitting-Elbow, 90 DEG	19	323-9	3	Screw-HH
4:1	237-78	1	O-Ring	20	3296-59	3	Nut-Lock, NI
4:2	237-21	1	O-Ring	21	117-0729	1	Hose ASM
5	106-3692	1	Hose-HYD	22	59-7410	1	Fitting-Diagnostic
6	106-3693	1	Hose-HYD	22:1	237-42	1	O-Ring
7	93-6887	2	Hose-HYD	23	354-79	1	Cap-Dust
8	85-4940	2	Hose-HYD	24	340-101	1	Fitting-HYD, 45 DEG
9	2412-137	1	Clamp-R, Double	24:1	237-30	1	O-Ring
10	137-3061	1	Bolt-CARR	24:2	237-79	1	O-Ring
11	3234-38	3	Screw-HHF	25	3234-14	2	Screw-HHF
12	3256-6	3	Washer-Flat	26	145-2585	1	Hose ASM-HYD
13	117-0148	3	Pin-Cylinder	27	340-18	1	Fitting-HYD, 90 DEG
14	32120-93	6	Ring-Retaining	27:1	237-79	1	O-Ring
15	3-6498	6	Washer-Thrust	27:2	237-22	1	O-Ring



Hydraulic Cylinder Assembly No. 163-2624

Ref.	Part Number	Qty.	Description
1	163-3529	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	Backup ●
1:3		1	Pps Seal ●
1:4		1	Wear Ring-Ht ●
1:5		1	Bt Seal ●
1:6		1	Dust Seal-Dt ●
1:7		1	O-Ring ●
2	302-5	1	Fitting-Grease
3	302-33	1	Fitting-Grease

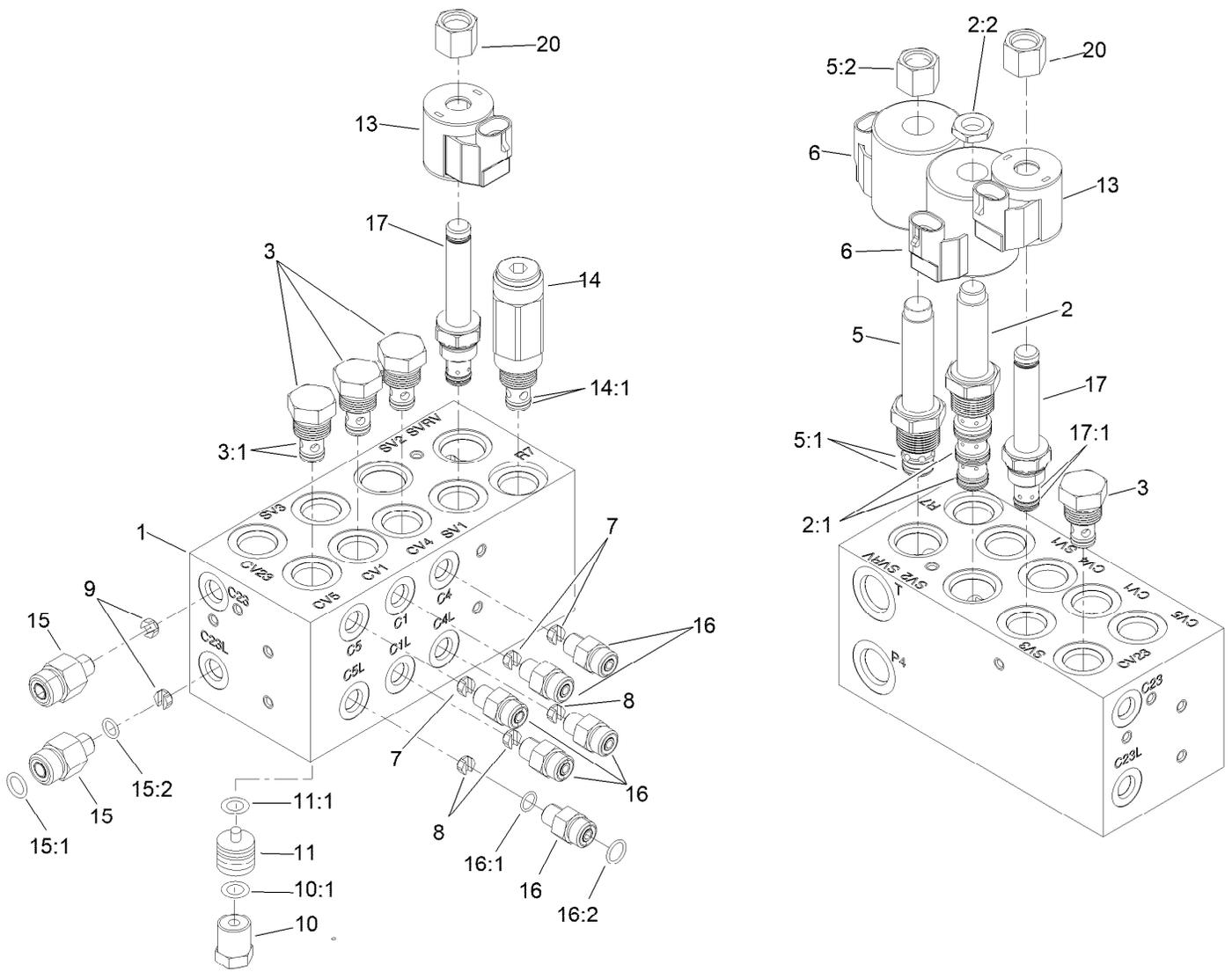
● Not serviced separately



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

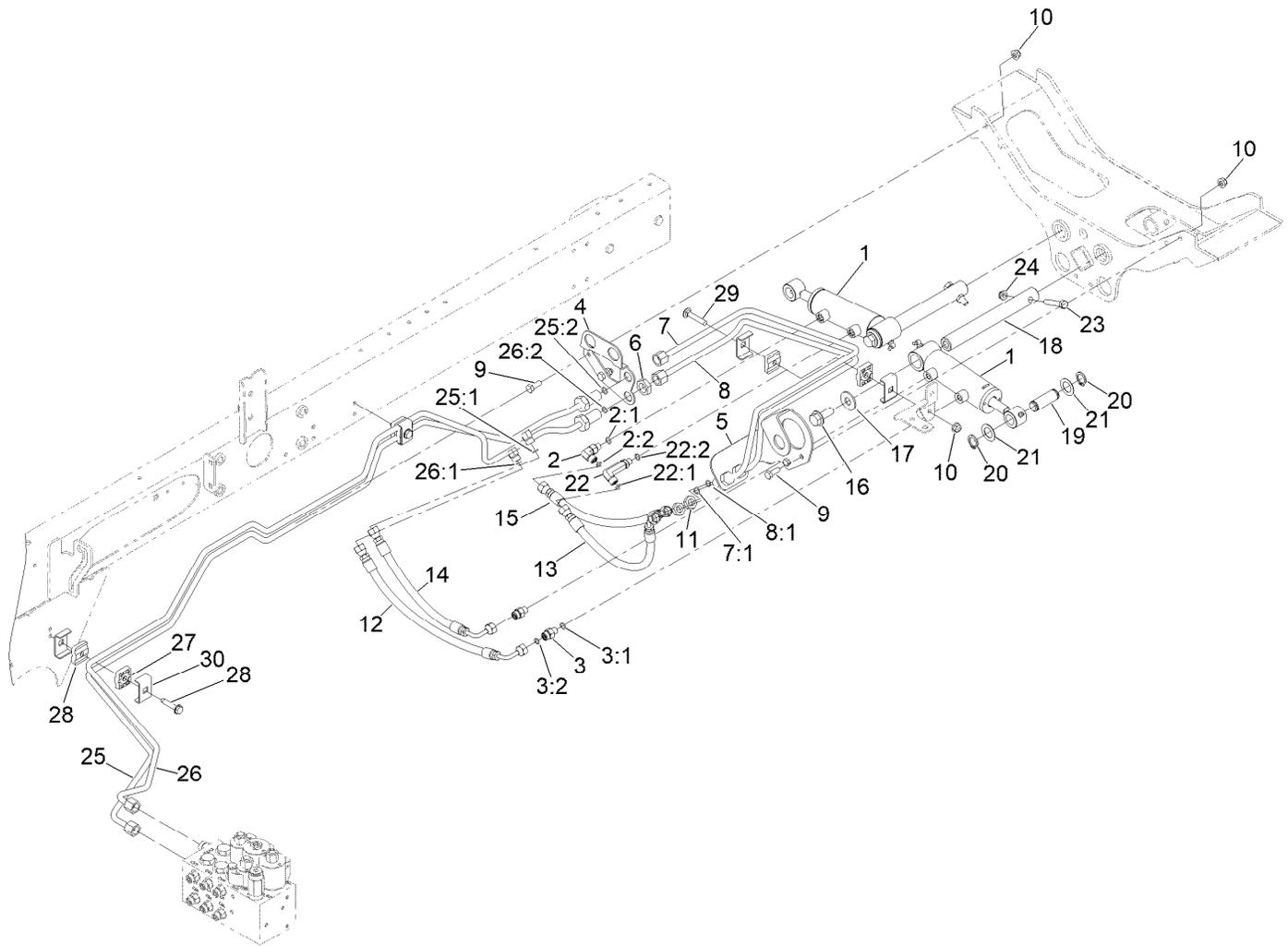
● Not serviced separately



Hydraulic Manifold Block Assembly No. 105-7577

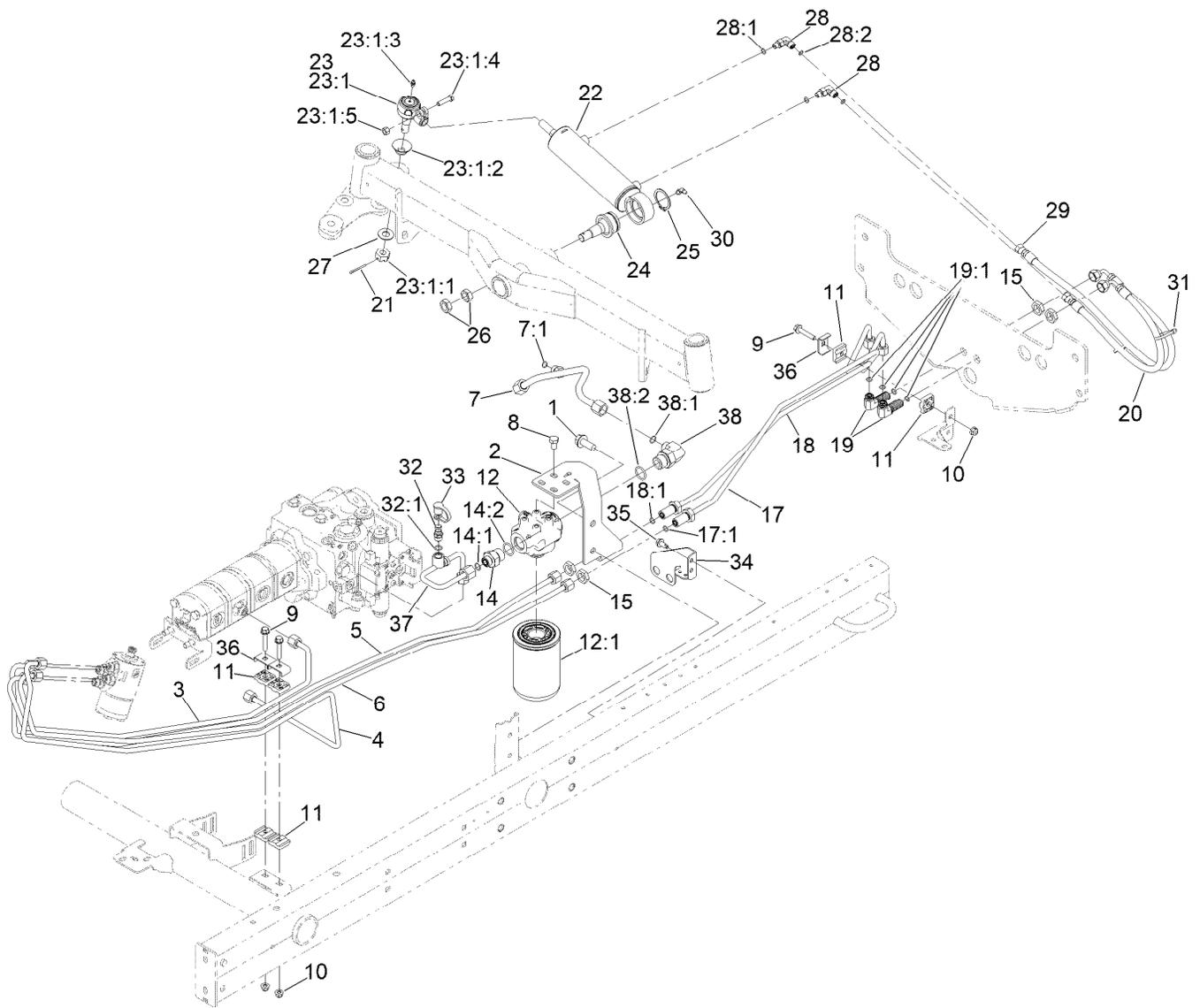
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1		1	Block-Manifold ●	11	110-8901	4	Piston-Pilot
2	110-8906	1	Valve-Solenoid	11:1	110-8900	1	O-Ring
2:1	110-8908	1	Spool Valve Seal Kit	13	110-0497	2	Coil-Solenoid
2:2	110-2634	1	Nut-Coil	14	110-8899	1	Valve-Relief
3	110-9006	4	Valve-Check	14:1	105-9156	1	Seal Kit
3:1	105-9156	1	Seal Kit	15	340-88	2	Fitting-Straight
5	110-8905	1	Valve-Relief, Solenoid	15:1	237-22	1	O-Ring
5:1	110-6316	1	Seal Kit	15:2	237-78	1	O-Ring
5:2	130-8180	1	Nut-Coil (9/16-24 Unef-2B)	16	340-92	6	Fitting-Straight
6	110-6344	2	Coil-12V, DC	16:1	237-78	1	O-Ring
7	110-8904	3	Orifice-Control, Flow (0.028)	16:2	237-21	1	O-Ring
8	110-8903	3	Orifice-Control, Flow (0.055)	17	147-3090	2	Valve-Solenoid
9	110-8902	2	Orifice-Control, Flow (0.046)	17:1	107-7527	1	Seal Kit
10	354-70	4	Plug-Hex, Hollow	20	107-7812	2	Nut-Solenoid
10:1	237-80	1	O-Ring				

● Not serviced separately



Rear Lift Hydraulic Assembly

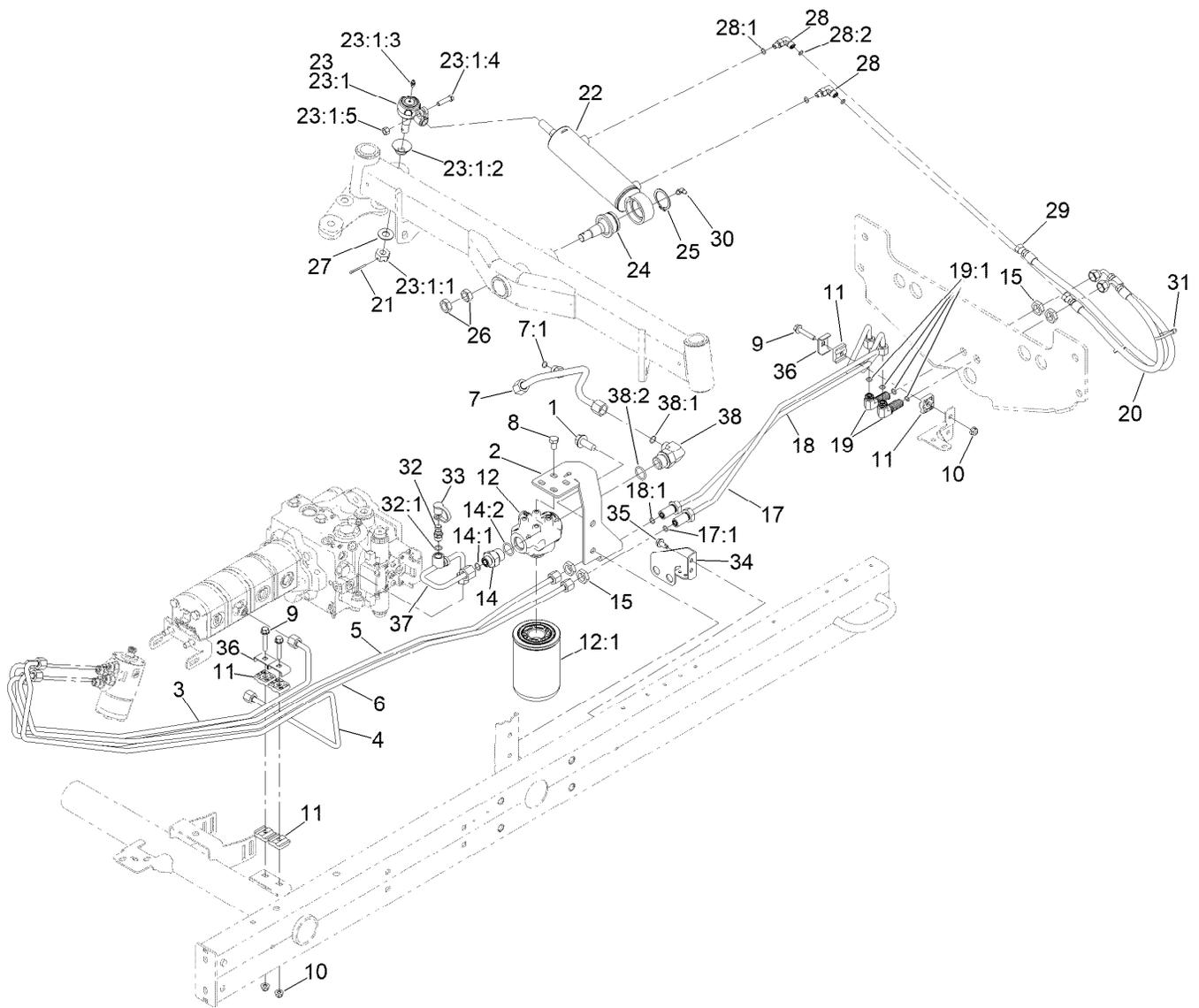
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	163-2624	2	Cylinder-Hydraulic	16	3234-38	2	Screw-HHF
2	340-132	1	Fitting-Elbow, 90 DEG	17	3256-6	2	Washer-Flat
2:1	237-78	1	O-Ring	18	117-0148	2	Pin-Cylinder
2:2	237-21	1	O-Ring	19	104-0046	2	Pin-Slide, Cylinder
3	340-92	2	Fitting-Straight	20	32120-93	4	Ring-Retaining
3:1	237-78	1	O-Ring	21	3-6498	4	Washer-Thrust
3:2	237-21	1	O-Ring	22	100-7695	1	Fitting-Elbow 90
4	120-3782-0P	1	Brkt-Bulhead, RH	22:1	237-78	1	O-Ring
5	110-0917-0P	1	Bracket-Bulkhead, LH	22:2	237-21	1	O-Ring
6	340-70	2	Nut-Lock	23	323-9	2	Screw-HH
7	133-2987	1	Tube-ASM	24	3296-59	2	Nut-Lock, NI
7:1	237-21	1	O-Ring	25	145-2552	1	Hydraulic Tube ASM
8	133-2986	1	Tube-ASM	25:1	237-21	1	O-Ring
8:1	237-21	1	O-Ring	25:2	237-22	1	O-Ring
9	322-4	4	Screw-HH	26	145-2553	1	Hydraulic Tube ASM
10	119-4041	5	Nut-HF	26:1	237-21	1	O-Ring
11	340-78	2	Nut-Lock	26:2	237-22	1	O-Ring
12	110-0930	1	Hose-HYD	27	32144-57	2	Screw-Thd Roll
13	110-8966	1	Hose-HYD	28	56-7973	6	Clamp-Tube
14	110-0929	1	Hose-HYD	29	3230-5	1	Bolt-CARR
15	110-0931	1	Hose-HYD	30	119-1418	4	Plate-Clamp, Short



Steering Hydraulic Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	3234-38	2	Screw-HHF	17	133-2988	1	Tube ASM
2	145-2477-0P	1	Bracket-Mount, Filter	17:1	237-22	1	O-Ring
3	144-2096	1	Tube ASM-Hydraulic	18	133-2989	1	Tube ASM
4	144-2054	1	Tube ASM-Hydraulic	18:1	237-22	1	O-Ring
5	144-2094	1	Tube ASM-Hydraulic	19	340-154	2	Union-Bulkhead
6	144-2095	1	Tube ASM-Hydraulic	19:1	237-22	2	O-Ring
7	145-2562	1	Hydraulic Tube ASM	20	110-0928	1	Hose-HYD
7:1	237-22	1	O-Ring	21	3272-12	1	Pin-Cotter
8	33115-016	4	Screw-HH	22	110-9035	1	HYD Cylinder ASM
9	94-5780	3	Screw-HWH	23	106-6895-03	1	Ball Joint ASM
10	119-4041	3	Nut-HF	23:1		1	Joint-Ball ●
11	56-7973	6	Clamp-Tube	23:1:1	32136-13	1	Nut-SHH
12	93-2242	1	Oil Filter ASM	23:1:2	106-6896	1	Seal
12:1	75-1310	1	Filter-HYD	23:1:3	302-5	1	Fitting-Grease
14	100-4240	1	Fitting-STR	23:1:4	3210-7	1	Screw-HH
14:1	237-30	1	O-Ring	23:1:5	32152-5	1	Nut-Hex
14:2	237-81	1	O-Ring	24	106-6774	1	Joint-Ball
15	340-70	4	Nut-Lock	25	32151-104	1	Ring-Retaining, External

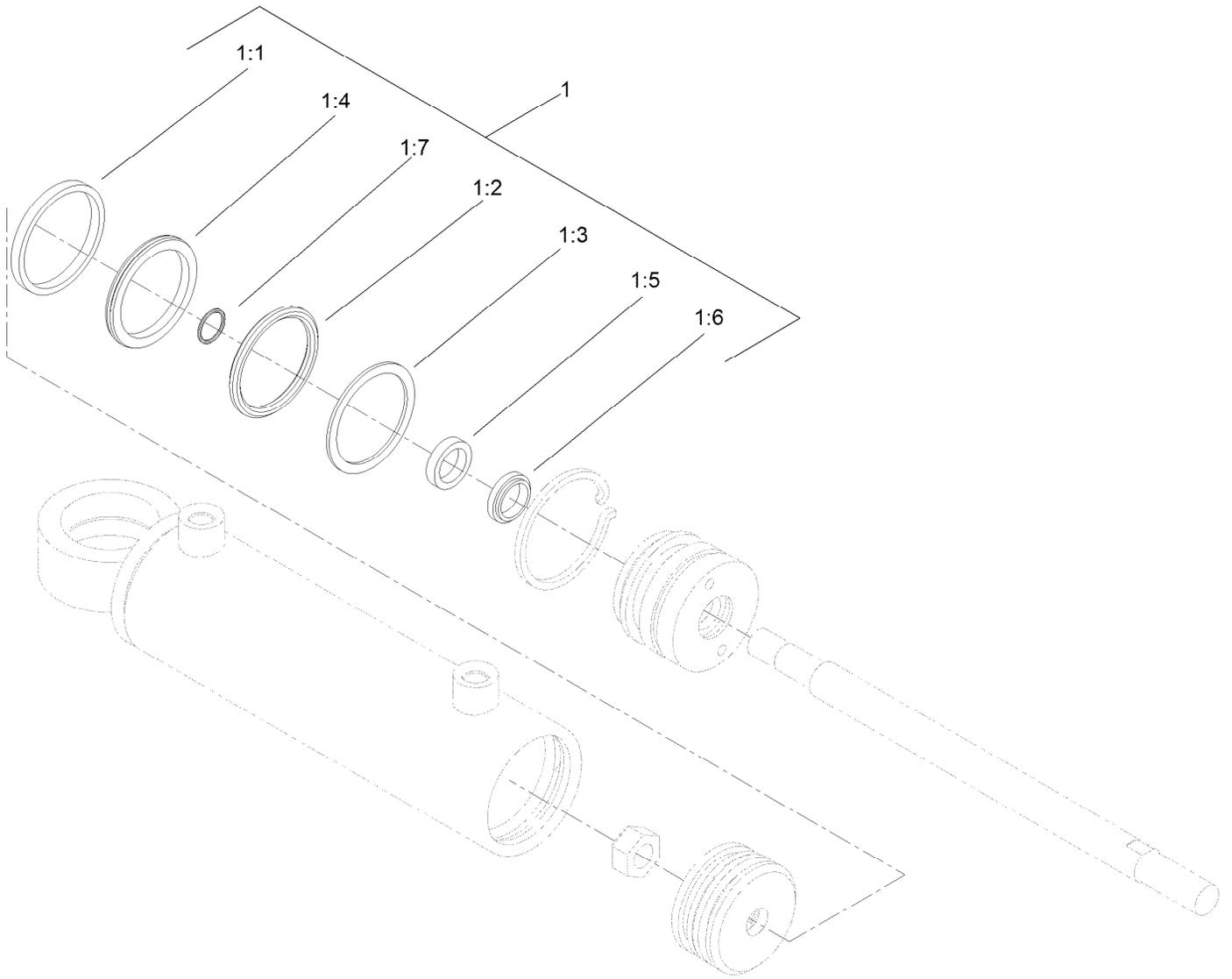
● Not serviced separately



Steering Hydraulic Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
26	3220-6	2	Nut-Jam	32:1	237-42	1	O-Ring
27	69-8980	1	Washer	33	353-947	1	Cap-Dust, Black
28	340-132	2	Fitting-Elbow, 90 DEG	34	120-3781-0P	1	Brkt-Bulhead Steer
28:1	237-78	1	O-Ring	35	32104-32	2	Screw-HWH
28:2	237-21	1	O-Ring	36	119-1418	2	Plate-Clamp, Short
29	110-0973	1	Hose-HYD	37	145-2478	1	Tube ASM-Hydraulic
30	302-40	1	Fitting-Grease, 90 DEG	38	340-131	1	Fitting-HYD, 90 DEG
31	3290-378	2	Tie-Cable	38:1	237-30	1	O-Ring
32	59-7410	1	Fitting-Diagnostic	38:2	237-81	1	O-Ring

● Not serviced separately

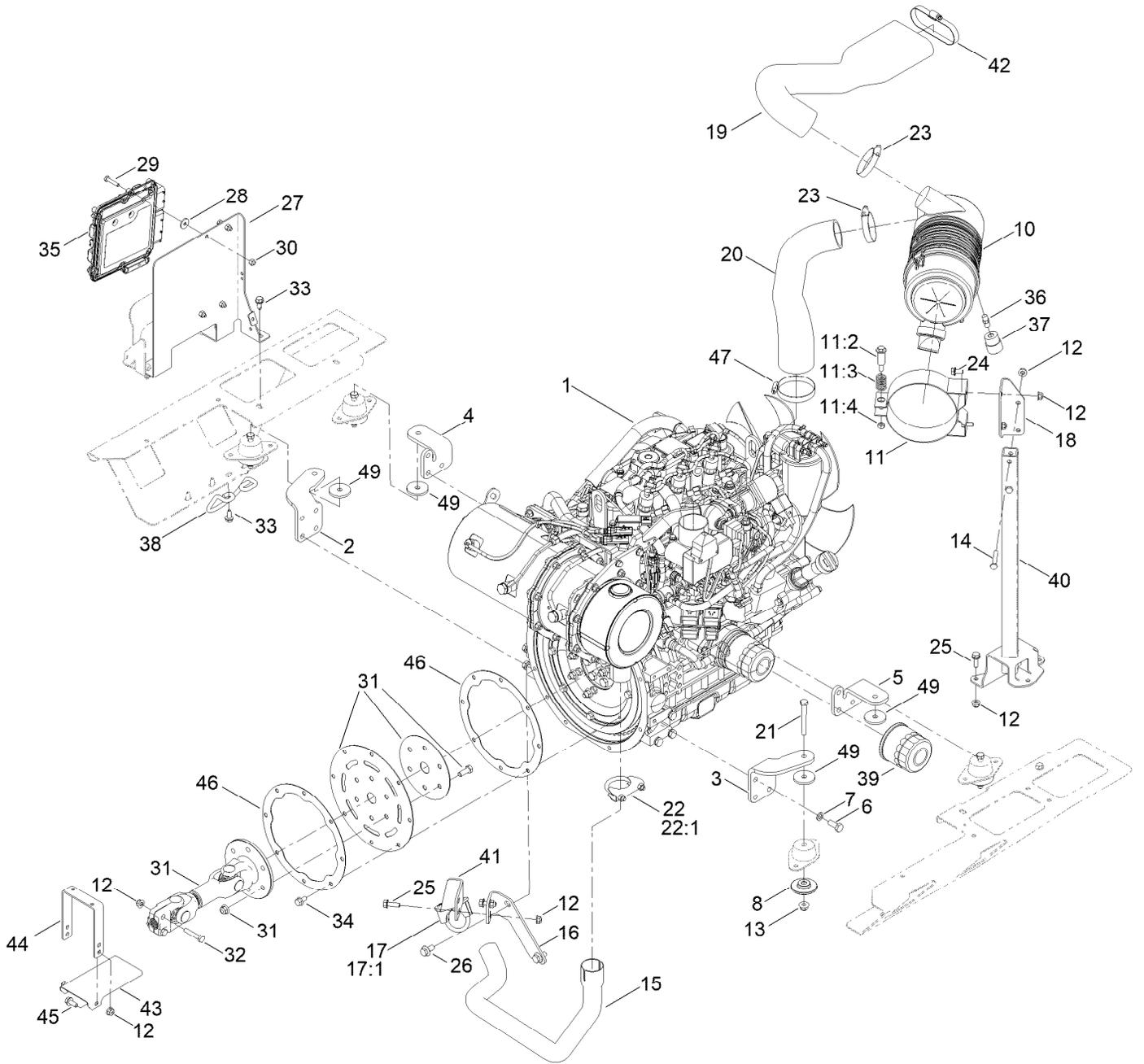


Hydraulic Cylinder Assembly No. 110-9035

<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 ●
1:4		1	Wear Ring ●
1:5		1	Bt Seal ●
1:6		1	Dust Seal ●
1:7		1	O-Ring ●

● Not serviced separately

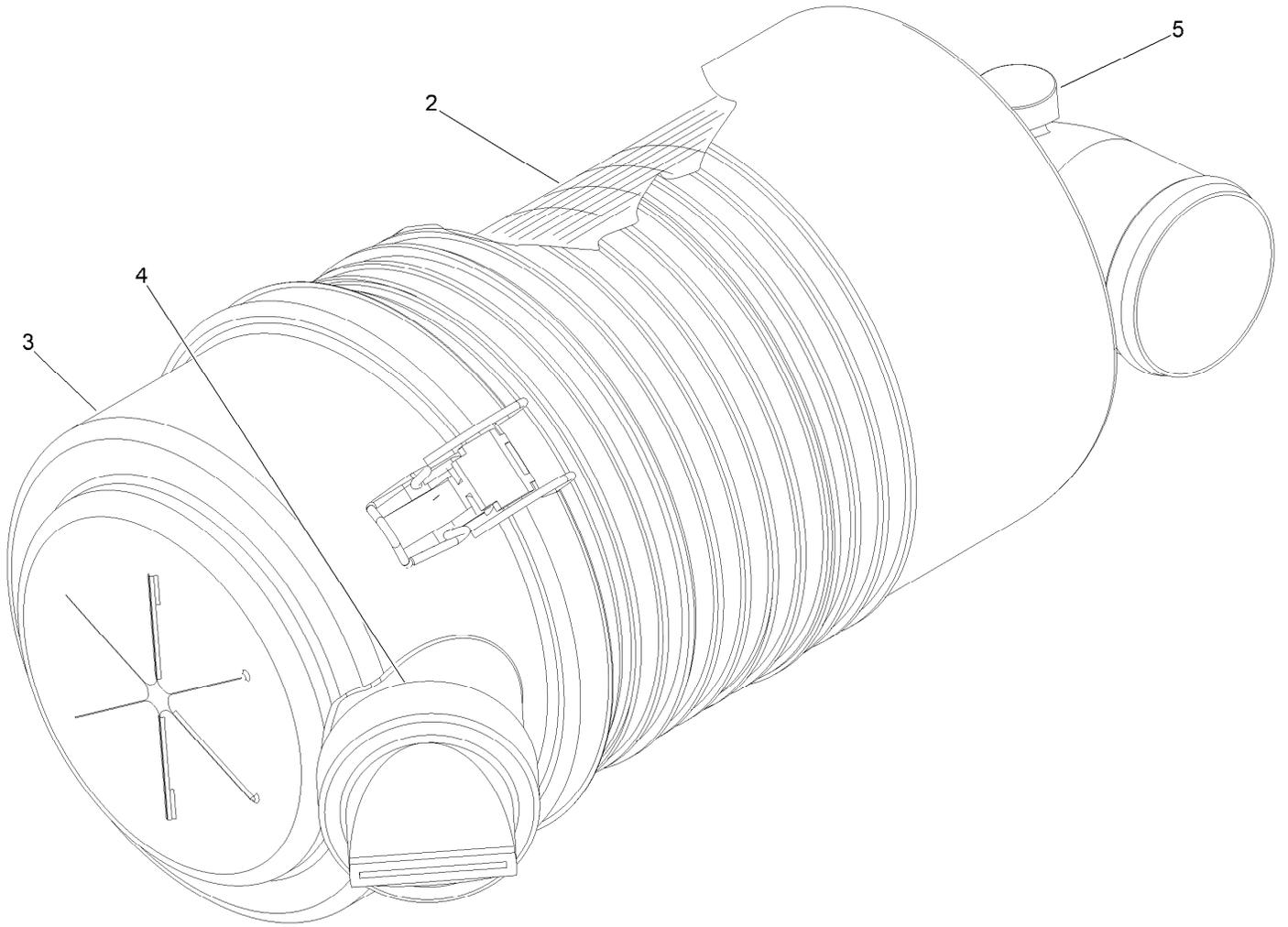
Engine, Air Cleaner and Drive Shaft Assembly



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	161-1741SP	1	Engine-Yanmar, 3Tnv88C-1Dtr	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	161-1751	1	Electronic Control Unit
12	119-4041	10	Nut-HF	36	94-1416	1	Adapter-Indicator
13	119-4042	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

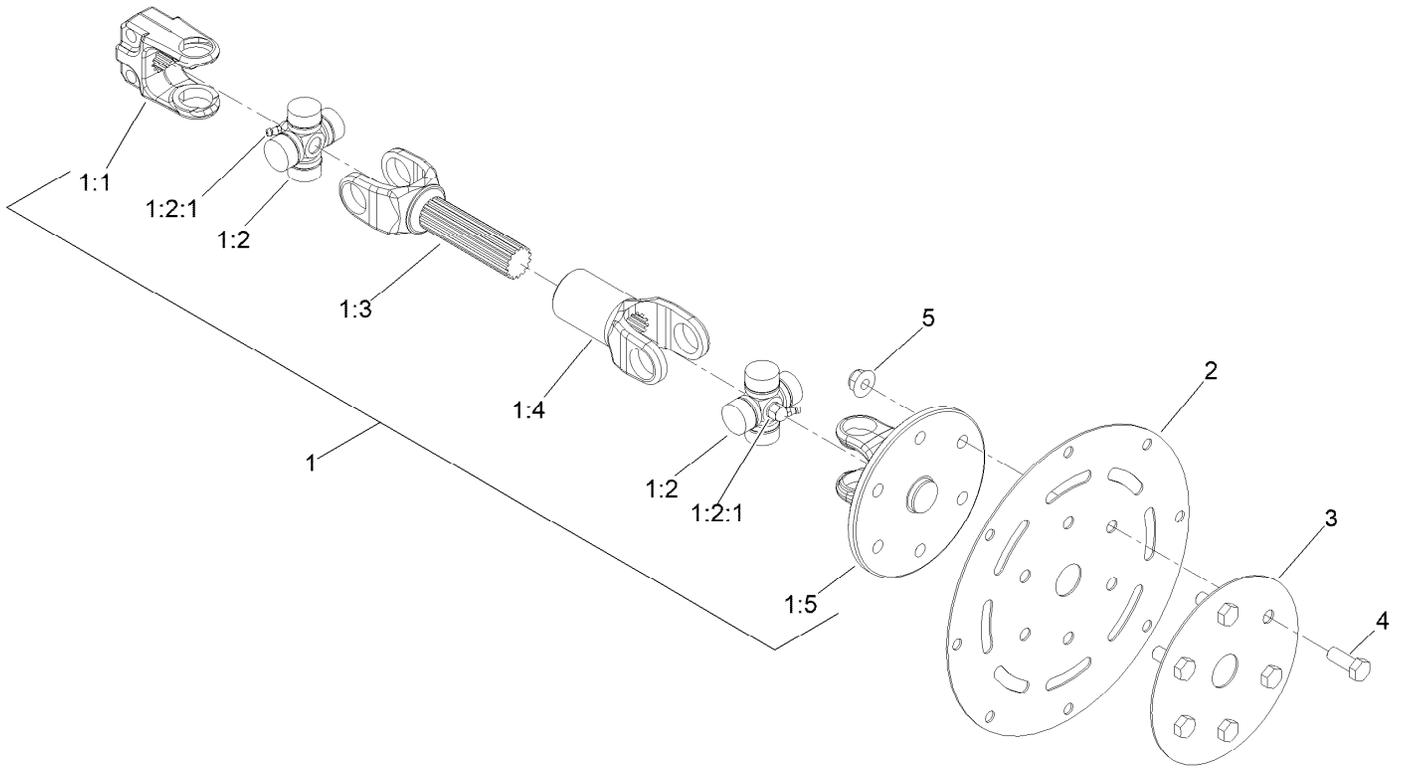
Air Cleaner Assembly No. 106-5277



Air Cleaner Assembly No. 106-5277 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	108-3810	1	Filter-Air	4	87-9400	1	Valve-Vacuator
3	98-9771	1	Cover ASM	5	285-17	1	Plug-Pipe

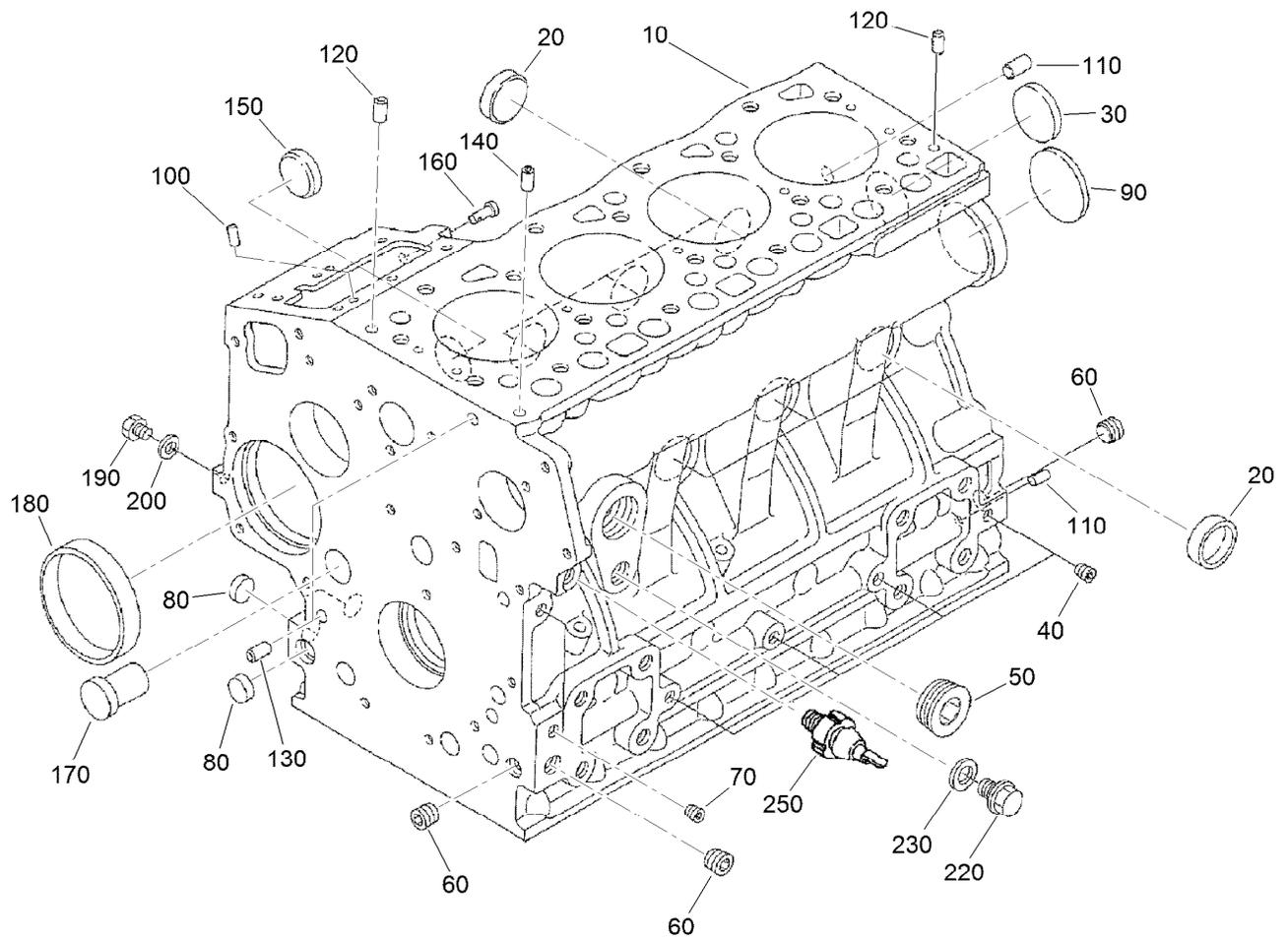
Driveshaft Assembly No. 145-2508



Driveshaft Assembly No. 145-2508 (continued)

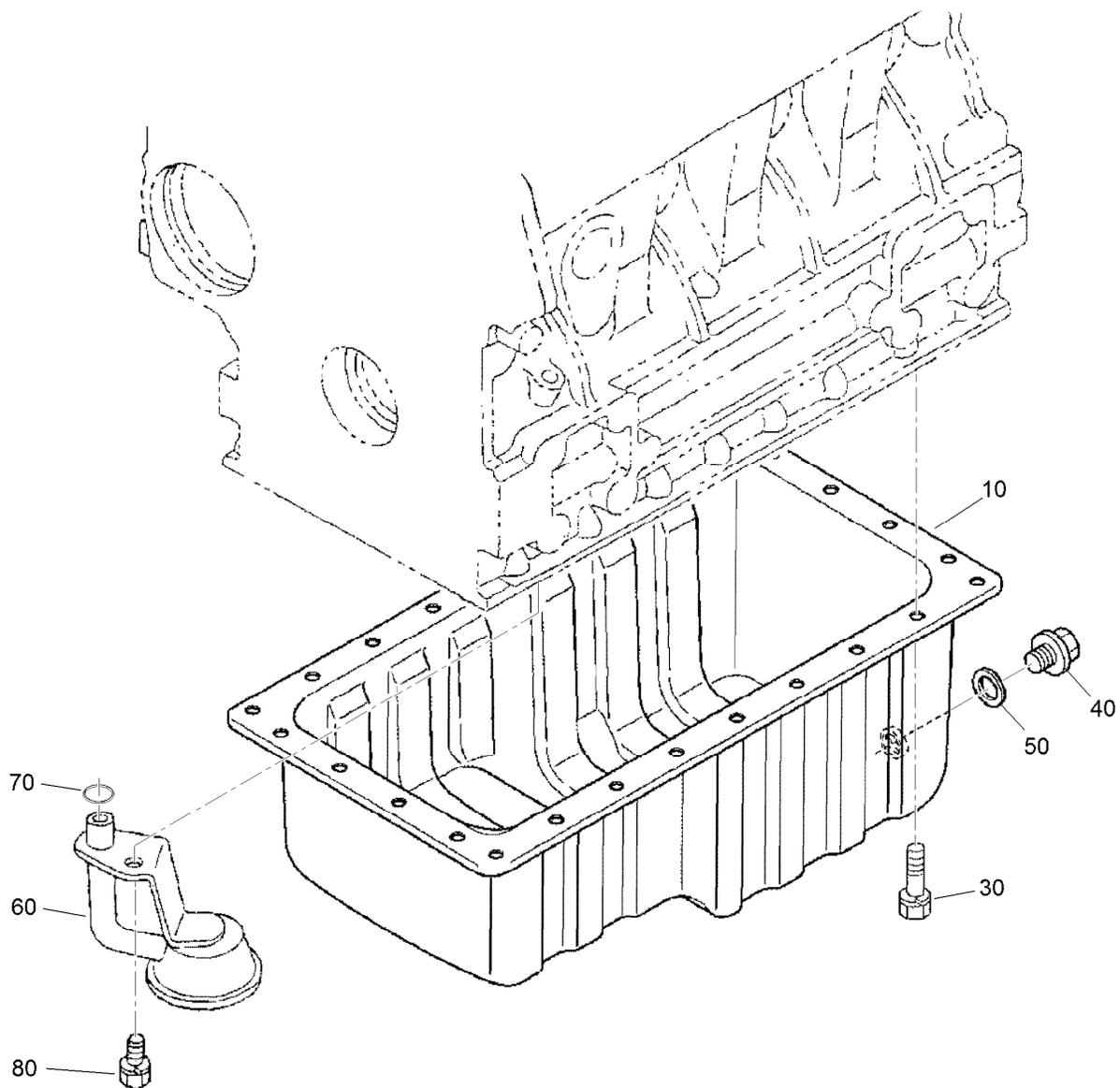
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Driveshaft ●	1:5	145-2546	1	Yoke ASM
1:1	145-2535	1	Yoke-Driveshaft, 13T	2	138-6933-0P	1	Plate-Flywheel Adapter
1:2	54-9180	2	U-Joint Kit	3	133-2963-0P	1	Ring-Backup
1:2:1	62-3820	1	Fitting-Grease	4	323-6	6	Screw-HH
1:3	108-0632	1	Yoke And Shaft ASM	5	119-4042	6	Nut-HF, NI
1:4	108-0633	1	Yoke-Telescoping				

● Not serviced separately



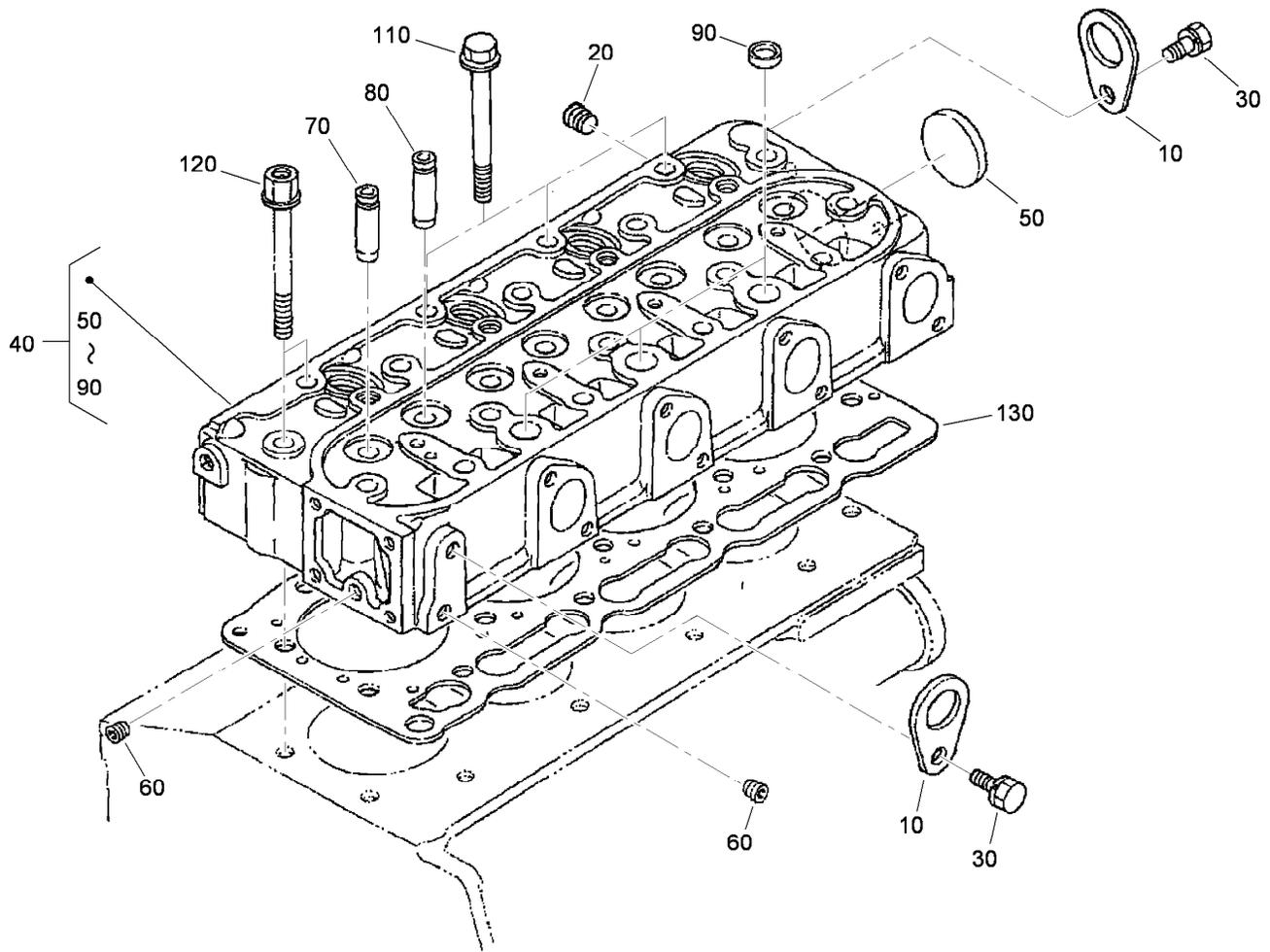
Crankcase Assembly

<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>
10	120-2558	1	Crankcase ASM	130	98-9387	2	Pin-Pipe
20	98-9398	6	Cap-Sealing	140	98-9539	1	Pin-Pipe
30	98-7539	1	Cap-Sealing	150	98-9599	1	Plug
40	98-9687	4	Plug	160	105-3796	1	Pin-Spring, Start
50	105-3779	1	Plug	170	98-9675	1	Plug
60	98-9597	3	Plug	180	98-9656	1	Bushing-Governor, Gear
70	98-7487	2	Plug	190	98-7507	1	Plug
80	98-9379	3	Plug-Expansion	200	98-7428	1	Gasket
90	98-9668	1	Plug-Expansion	220	99-3447	1	Plug
100	98-9375	2	Pin-Straight	230	106-7056	1	Gasket
110	98-9377	2	Pin-Straight	250	98-9416	1	Switch-Oil
120	98-9376	2	Pin-Straight				



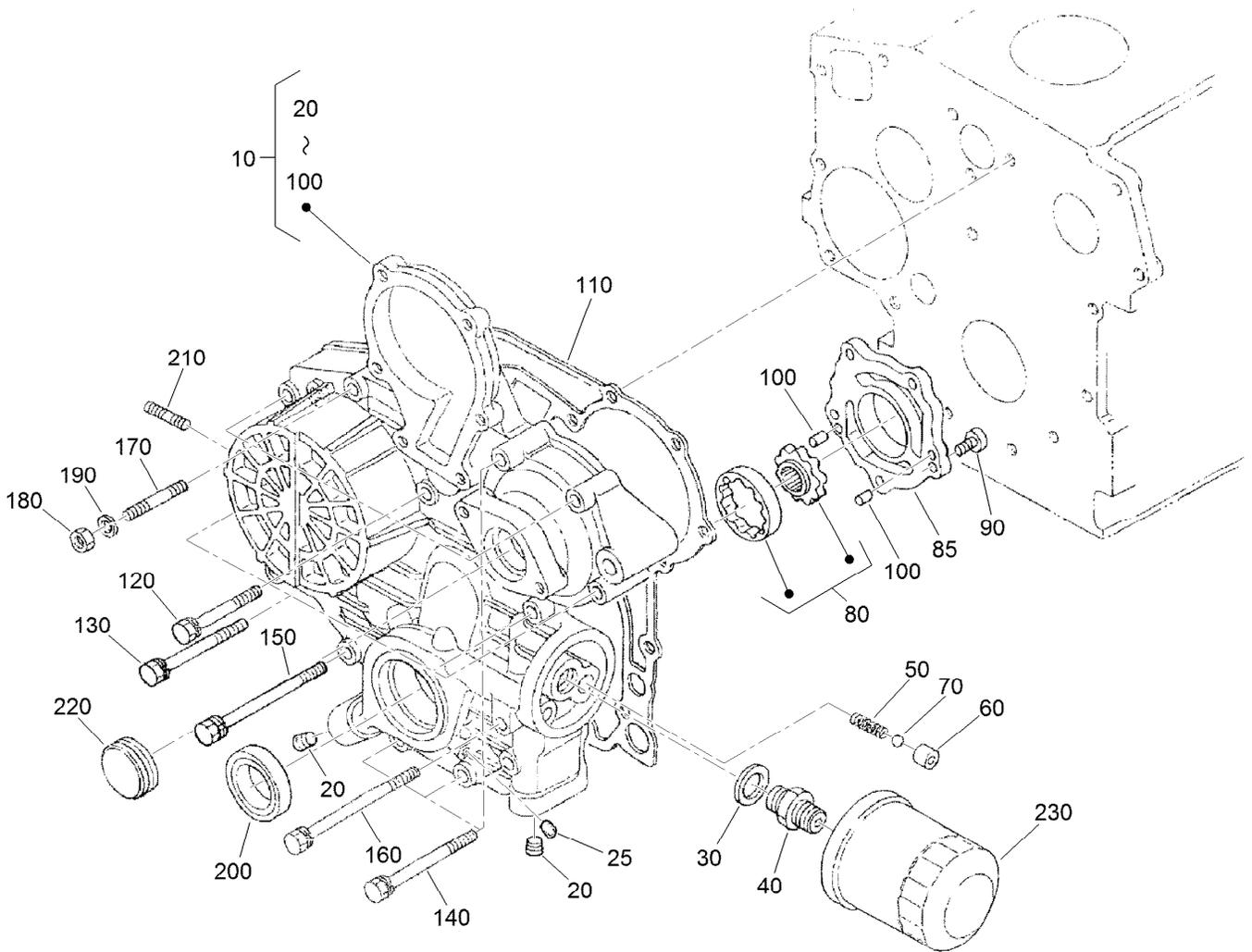
Oil Pan Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	112-0186	1	Oil Pan ASM
30	98-9351	26	Bolt
40	114-8151	1	Plug-Drain
50	98-7524	1	Gasket
60	112-7003	1	Head-Filter, Oil
70	105-3776	1	O-Ring
80	98-7526	1	Bolt



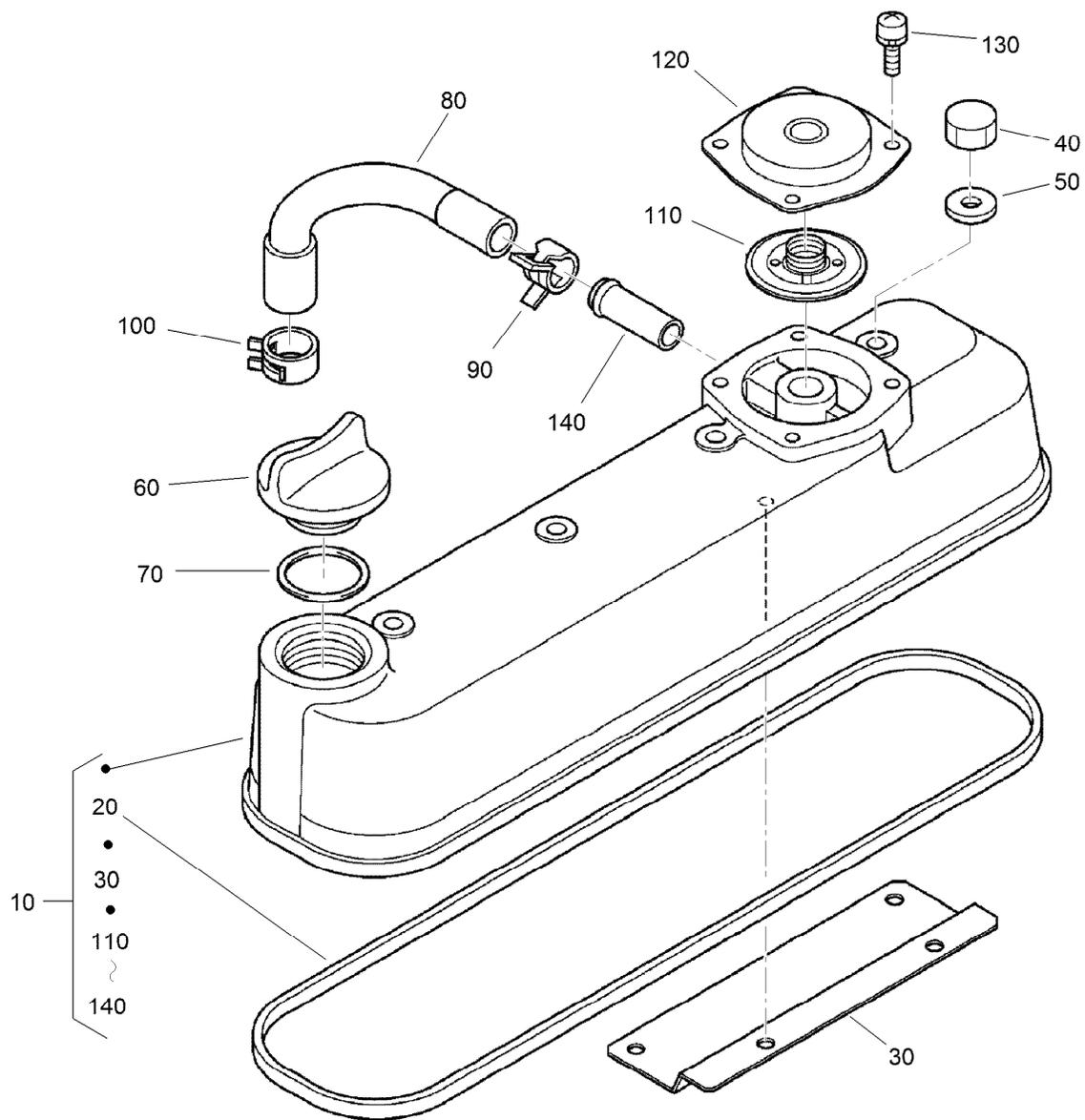
Cylinder Head Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-7531	2	Hook-Engine
20	98-9444	1	Plug
30	100-9195	2	Bolt
40	115-3012	1	Cylinder Head ASM
50	105-3705	1	Cap-Sealing
60	98-9687	2	Plug
70	107-9066	4	Guide-Valve, Inlet
80	107-9067	4	Guide-Valve, Exhaust
90	98-9389	3	Cap-Sealing
110	98-9479	16	Bolt-Head, Cylinder
120	98-9647	2	Bolt-Head, Cylinder
130	108-2855	1	Gasket-Head, Cylinder



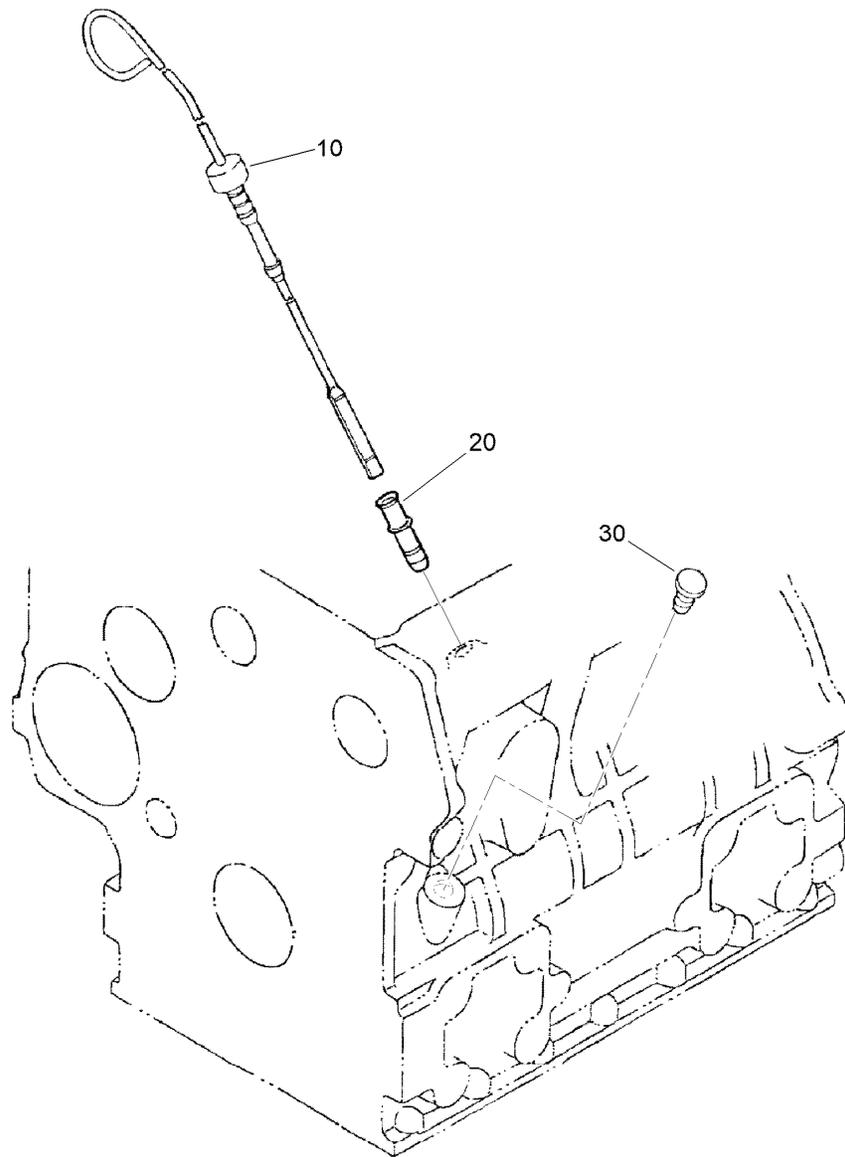
Gear Case Assembly

<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>
10	115-4111	1	Gear Case ASM	120	100-1765	3	Bolt
20	127-0425	2	Plug	130	105-3797	4	Bolt
25	98-7487	1	Plug	140	98-9356	4	Bolt
30	98-7562	1	Washer-Plain	150	107-9074	1	Bolt
40	98-9388	1	Joint-Pipe	160	98-9586	1	Bolt
50	98-9544	1	Spring	170	105-3709	1	Stud
60	98-9543	1	Seat-Valve	180	98-7572	1	Nut
70	98-9380	1	Ball	190	98-7699	1	Washer-Spring
80	98-9540	1	Oil Pump Rotor ASM	200	98-9482	1	Seal-Oil
85	107-9069	1	Cover-Pump, Oil	210	105-3710	2	Stud
90	107-9071	5	Screw	220	99-3515	1	Plug-Gearcase
100	107-9072	2	Pin-Straight	230	108-3841	1	Filter-Oil
110	98-9633	1	Gasket-Case, Gear				



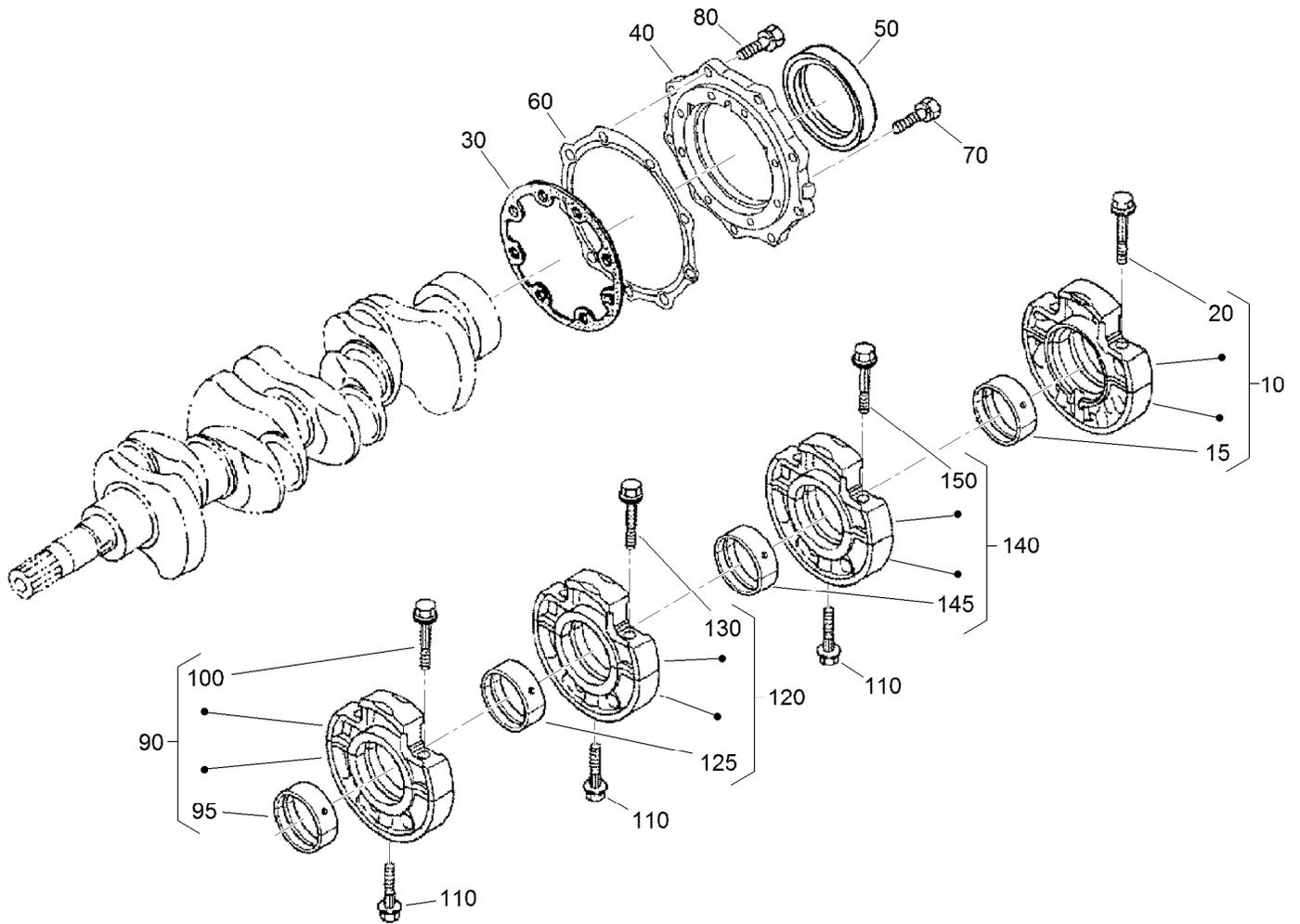
Cylinder Head Cover Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	115-4130	1	Cylinder Head Cover ASM
20	105-3712	1	Gasket-Cover, Head
30	108-2857	1	Shield-Breather
40	98-9455	4	Nut-Cap
50	98-9454	4	Gasket
60	107-9075	1	Plug-Filler, Oil
70	99-3446	1	O-Ring
80	108-2858	1	Tube-Breather
90	108-2859	1	Clamp-Hose
100	108-2860	1	Clamp-Hose
110	110-3715	1	Valve-Breather
120	110-3714	1	Cover-Breather
130	98-9364	4	Screw (With Washer)
140	98-7766	1	Pipe-Return, Water



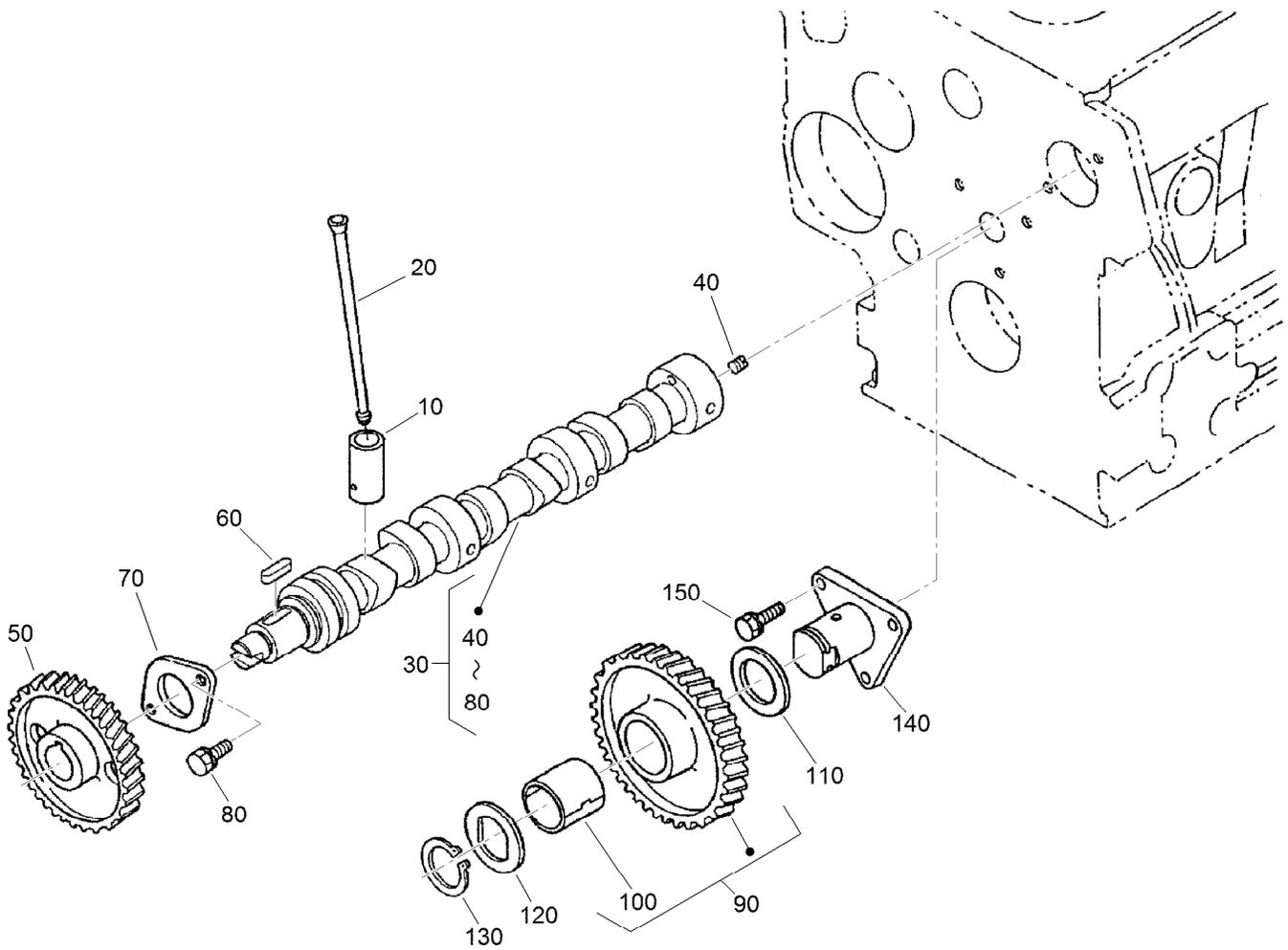
Dipstick and Guide Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	105-3714	1	Gauge-Oil
20	105-4580	1	Guide-Gauge, Oil
30	110-3720	1	Plug-Gauge, Oil



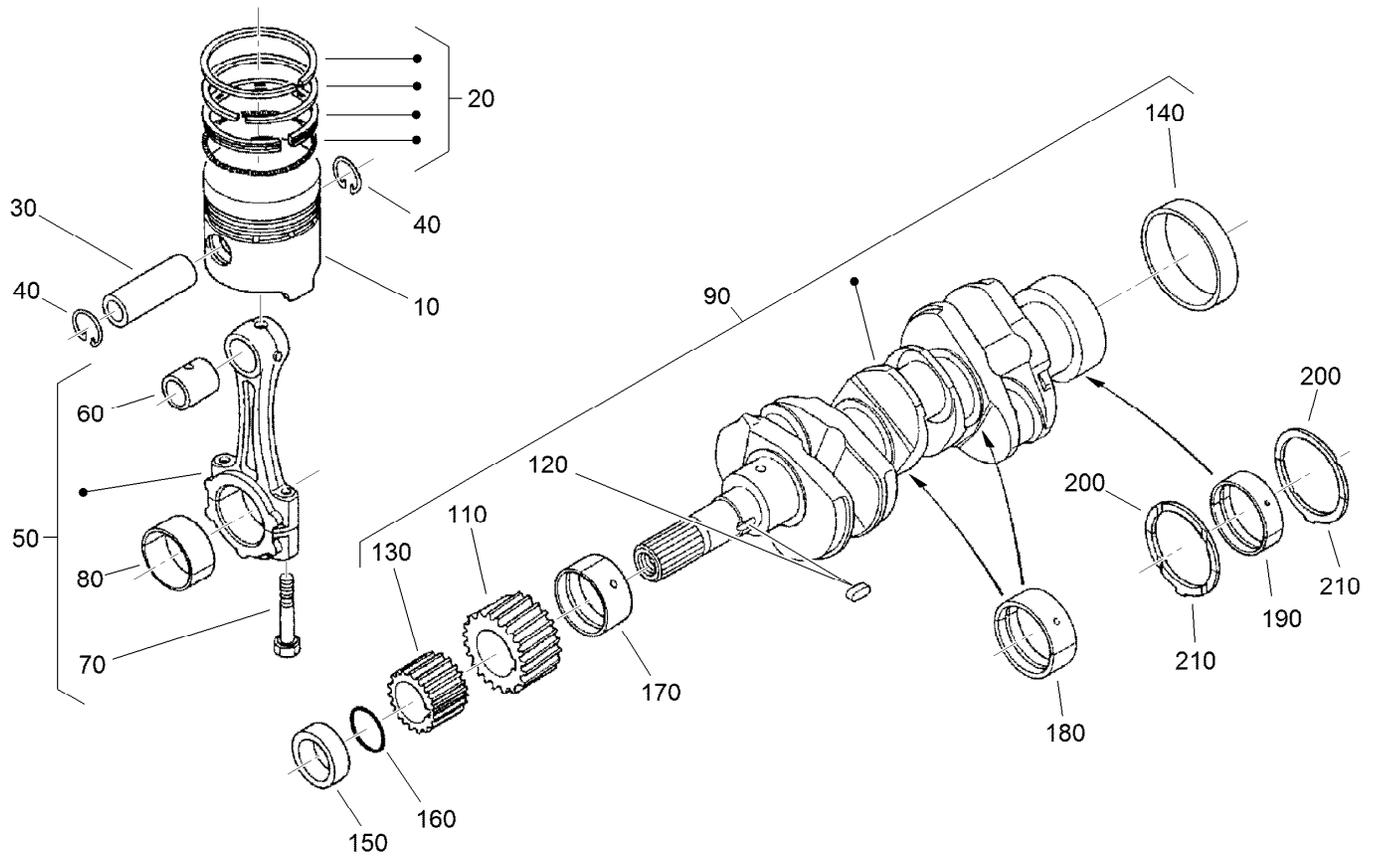
Main Bearing Case Assembly

<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>
10	112-7026	1	Wheel Bearing Case ASM	95	98-9524	1	Metal-Crankshaft (STD Set)
15	112-7045	1	Metal-Crankshaft	100	98-9484	2	Bolt-Case, Bearing
20	98-9484	2	Bolt-Case, Bearing	110	98-9485	3	Bolt-Case, Bearing
30	98-9634	1	Gasket-Case, Bearing	120	115-4107	1	Main Bearing Case ASM
40	112-7046	1	Cover-Case, Bearing	125	115-4106	1	Main Bearing Case ASM
50	112-0180	1	Seal-Oil	130	98-9484	2	Bolt-Case, Bearing
60	112-7037	1	Gasket-Cover, Case	140	130-1265	1	Main Bearing Case ASM
70	98-9352	8	Bolt	145	115-4106	1	Main Bearing Case ASM
80	98-7568	9	Bolt	150	98-9484	2	Bolt-Case, Bearing
90	115-4106	1	Main Bearing Case ASM				



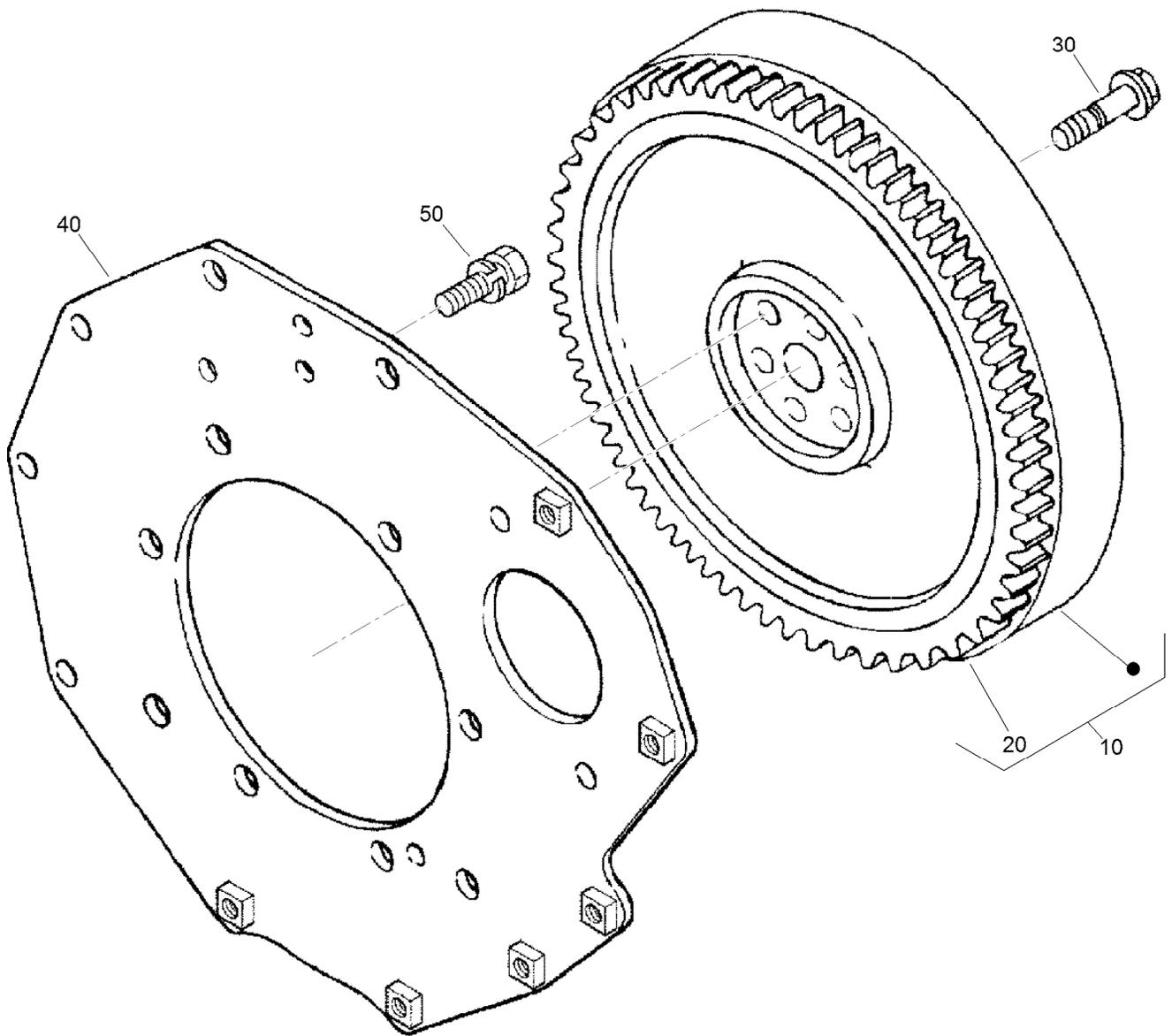
Camshaft and Idle Gear Assembly

Ref.	Part Number	Qty.	Description
10	112-0185	8	Tappet
20	98-9509	8	Rod-Push
30	115-4128	1	Camshaft ASM
40	98-7449	1	Screw-Set
50	120-3116	1	Camshaft ASM
60	98-9378	1	Key-Feather
70	98-9510	1	Stopper-Camshaft
80	98-7692	2	Bolt
90	98-9649	1	Idle Gear ASM
100	98-9650	1	Bushing-Gear, Idle
110	98-9535	1	Collar-Gear, Idle
120	98-9536	1	Collar-Gear, Idle
130	98-9534	1	Circlip-Gear, Idle
140	98-9533	1	Shaft-Gear, Idle
150	98-7692	3	Bolt



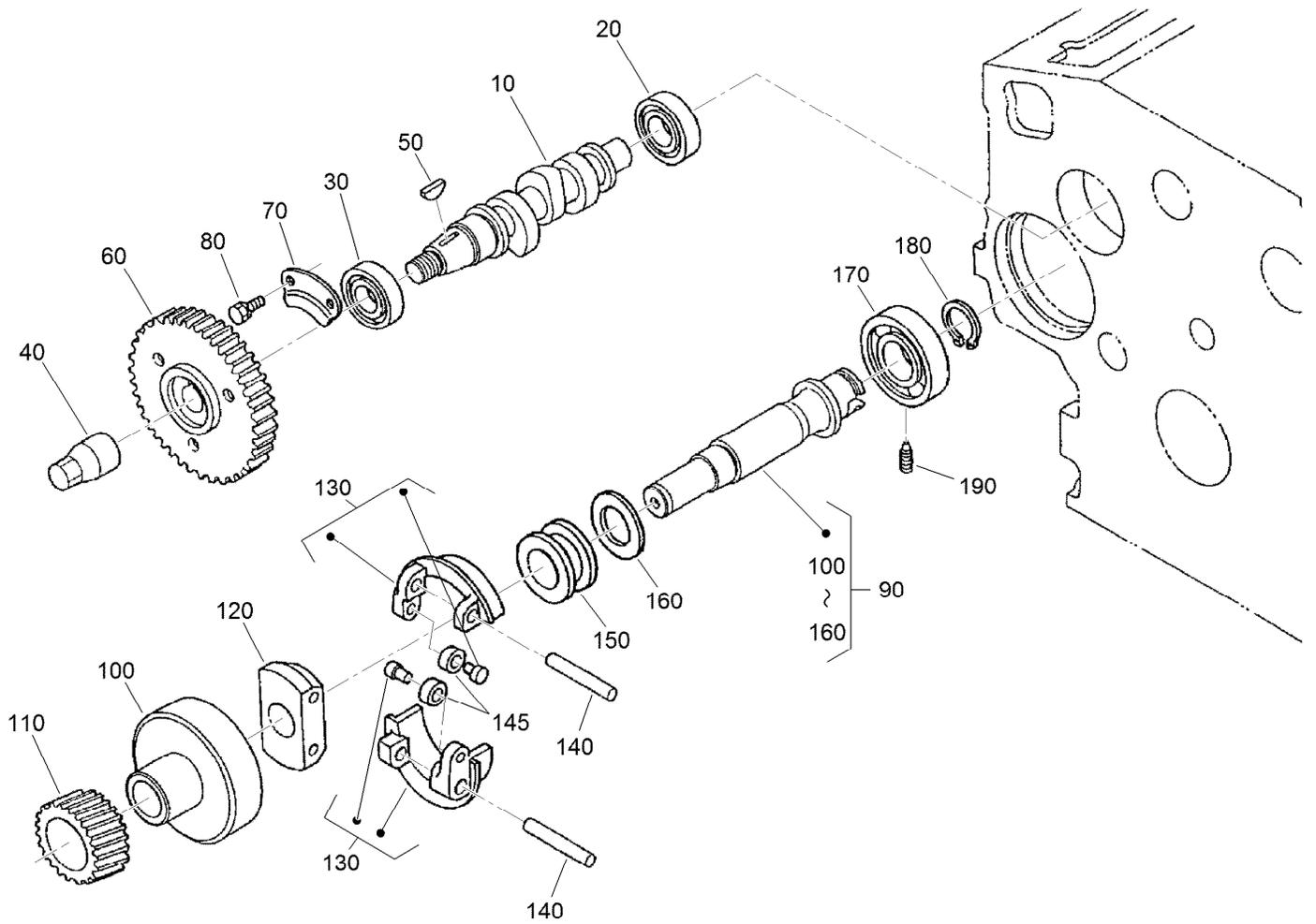
Piston and Crankshaft Assembly

<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>
10	112-8404	4	Piston (STD)	150	98-9521	1	Collar-Crankshaft
10	112-8414	4	Piston (+0.5Mm)	160	105-3783	1	O-Ring
20	98-9551	4	Piston Ring ASM (STD)	170	98-9523	1	Metal Crankshaft (STD)
20	108-1404	4	Piston Ring ASM (+0.5MM)	170	98-9528	1	Bearing-Main (-0.2MM)
30	98-9513	4	Pin-Piston	170	98-9529	1	Bearing-Main (0.4MM)
40	98-9514	8	Circlip-Pin, Piston	180	98-9524	3	Metal-Crankshaft (STD Set)
50	117-7586	4	Connecting Rod ASM	180	127-0433	3	Metal-Crankshaft (-0.2MM)
60	115-3014	4	Bushing-Pin, Piston	180	98-9531	3	Bearing-Main (0.4MM)
70	98-9517	8	Bolt-Rod, Connecting	190	112-7006	1	Bearing-Main (STD)
80	98-9520	4	Bearing-Rod (0.4MM)	190	112-7007	1	Metal-Crankshaft (.2MM)
80	98-9519	4	Bearing-Rod (-0.2MM)	190	112-7008	1	Metal-Crankshaft (.4MM)
80	98-9518	4	Metal-Crankpin (STD)	200	112-7045	2	Metal-Crankshaft
90	105-3718	1	Crankshaft ASM	200	112-7039	2	Metal-Crankshaft (0.2Mm)
110	98-9532	1	Gear-Crankshaft	200	112-7040	2	Metal-Crankshaft (-0.4Mm)
120	98-9666	1	Key	210	98-9688	2	Bearing-Thrust (STD)
130	98-9542	1	Gear-Drive, Oil Pump	210	127-0437	2	Metal-Side (+0.2MM)
140	98-9522	1	Sleeve-Crankshaft	210	127-0438	2	Metal-Side (+0.40MM)



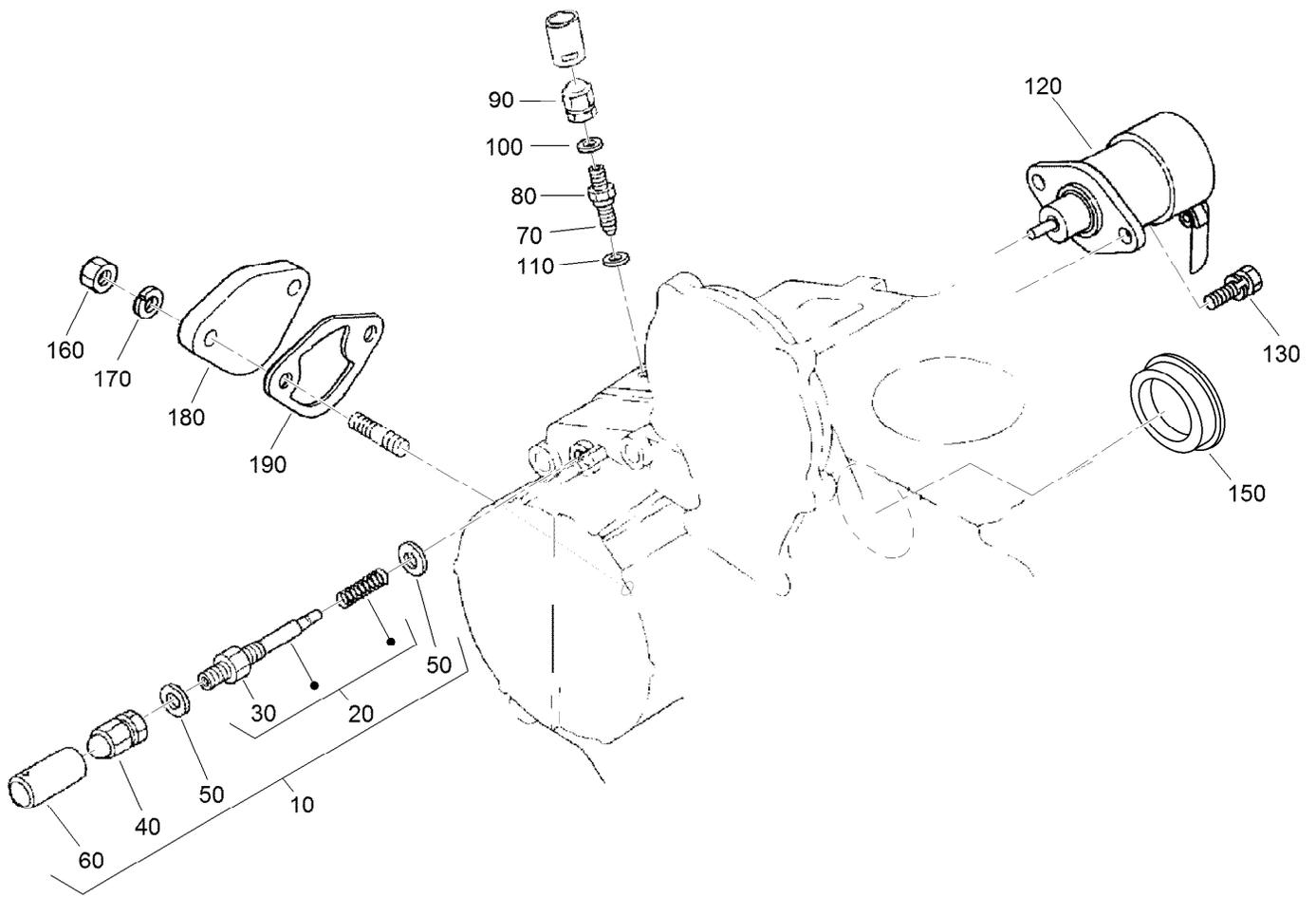
Flywheel Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	105-3721	1	Flywheel ASM
20	115-3015	1	Gear-Ring
30	98-9537	6	Bolt-Flywheel
40	98-9486	1	Plate-End, Rear
50	98-9392	8	Bolt



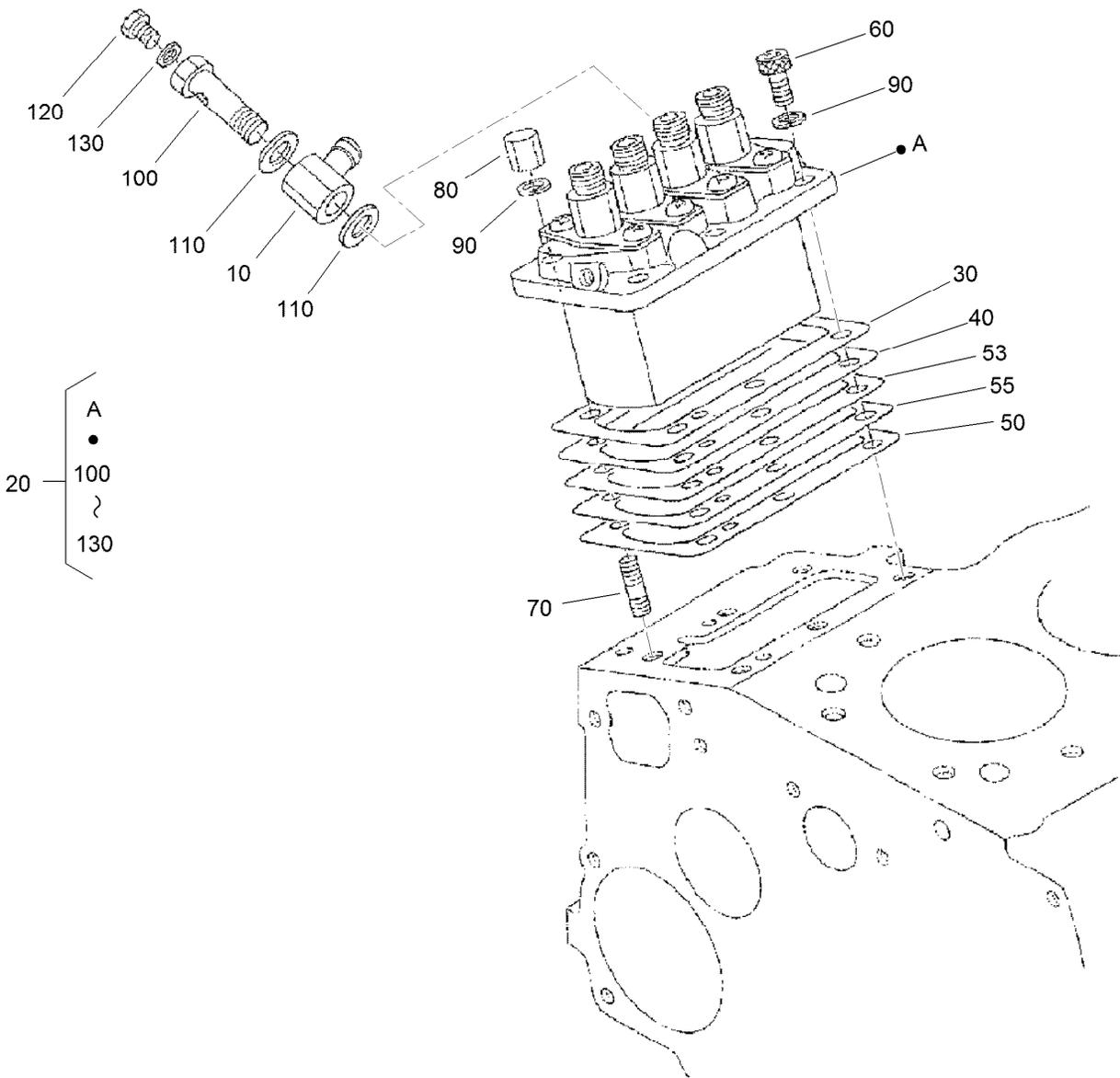
Fuel Camshaft and Governor Shaft Assembly

<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>
10	105-3723	1	Camshaft-Fuel	110	98-9673	1	Gear-Governor
20	107-9077	1	Bearing-Ball	120	98-9561	1	Holder-Weight, Governor
30	107-9078	1	Bearing-Ball	130	98-9559	2	Governor Weight ASM
40	98-9590	1	Nut-Cap	140	98-9560	2	Shaft-Weight, Governor
50	98-9595	1	Key-Woodruff	145	98-9692	2	Roller
60	98-9669	1	Gear-Pump, Injection	150	98-9563	1	Sleeve-Governor
70	98-9511	1	Stopper-Fuel, Camshaft	160	98-9564	1	Washer-Thrust
80	98-7692	2	Bolt	170	107-9079	1	Bearing-Ball
90	105-3724	1	Governor Shaft ASM	180	98-9657	1	Circlip-Shaft, Governor
100	98-9562	1	Holder-Gear, Governor	190	98-9565	1	Screw-Set



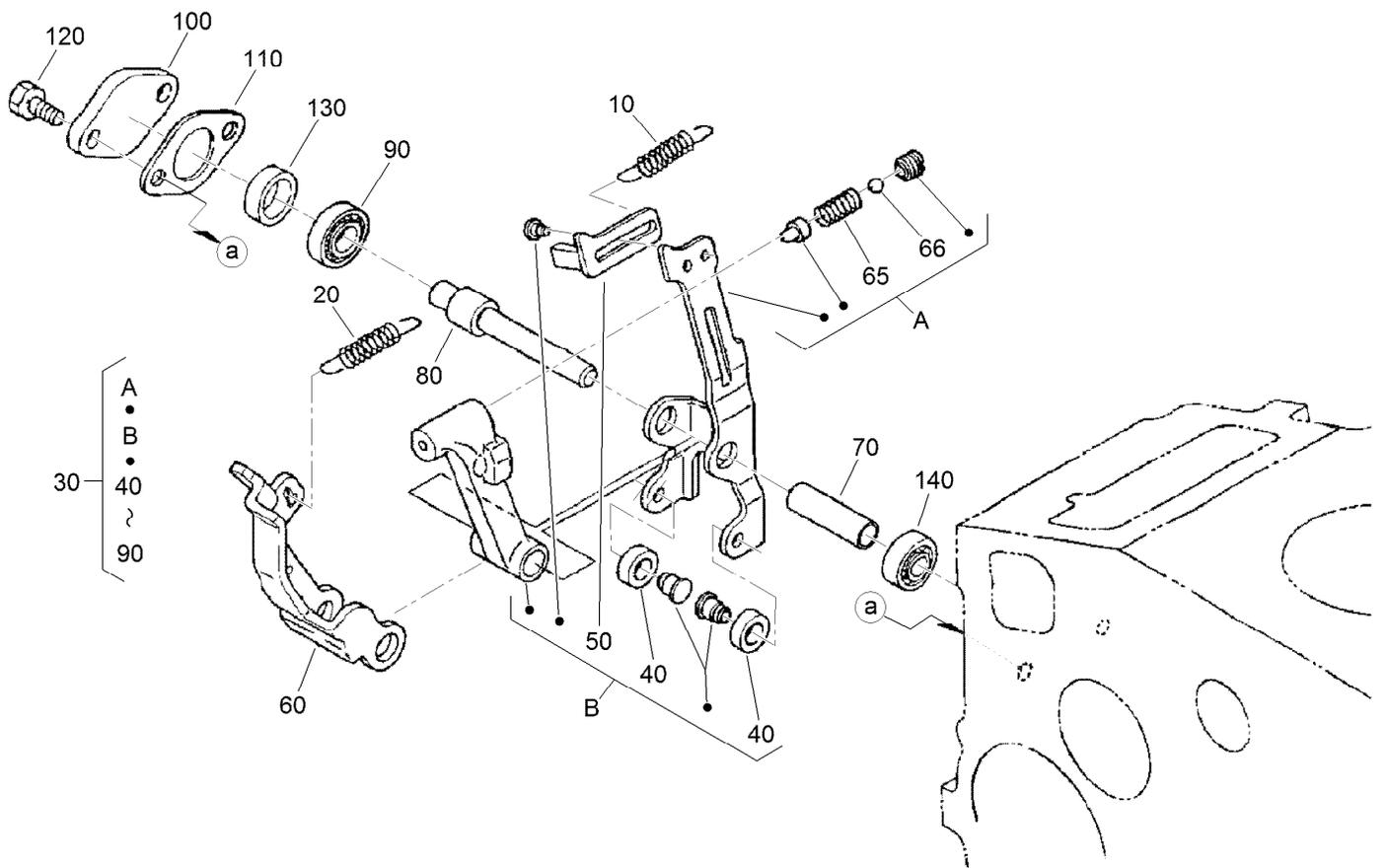
Idle Apparatus Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9678	1	Idle Apparatus ASM
20	112-7014	1	Adjusting Bolt ASM
30	98-9439	1	Nut
40	112-0181	1	Nut
50	98-7654	2	Gasket
60	98-7656	1	Cap
70	112-7015	1	Bolt-Adjusting
80	100-2175	1	Nut-Lock
90	112-0181	1	Nut
100	98-7654	1	Gasket
110	107-9081	1	Gasket
120	104-5155	1	Solenoid-Stop
130	115-3039	2	Bolt-HSH
150	112-7016	1	Cover-Pump
160	98-7572	2	Nut
170	98-7699	2	Washer-Spring
180	99-3514	1	Cover
190	98-9636	1	Gasket-Pump, Fuel



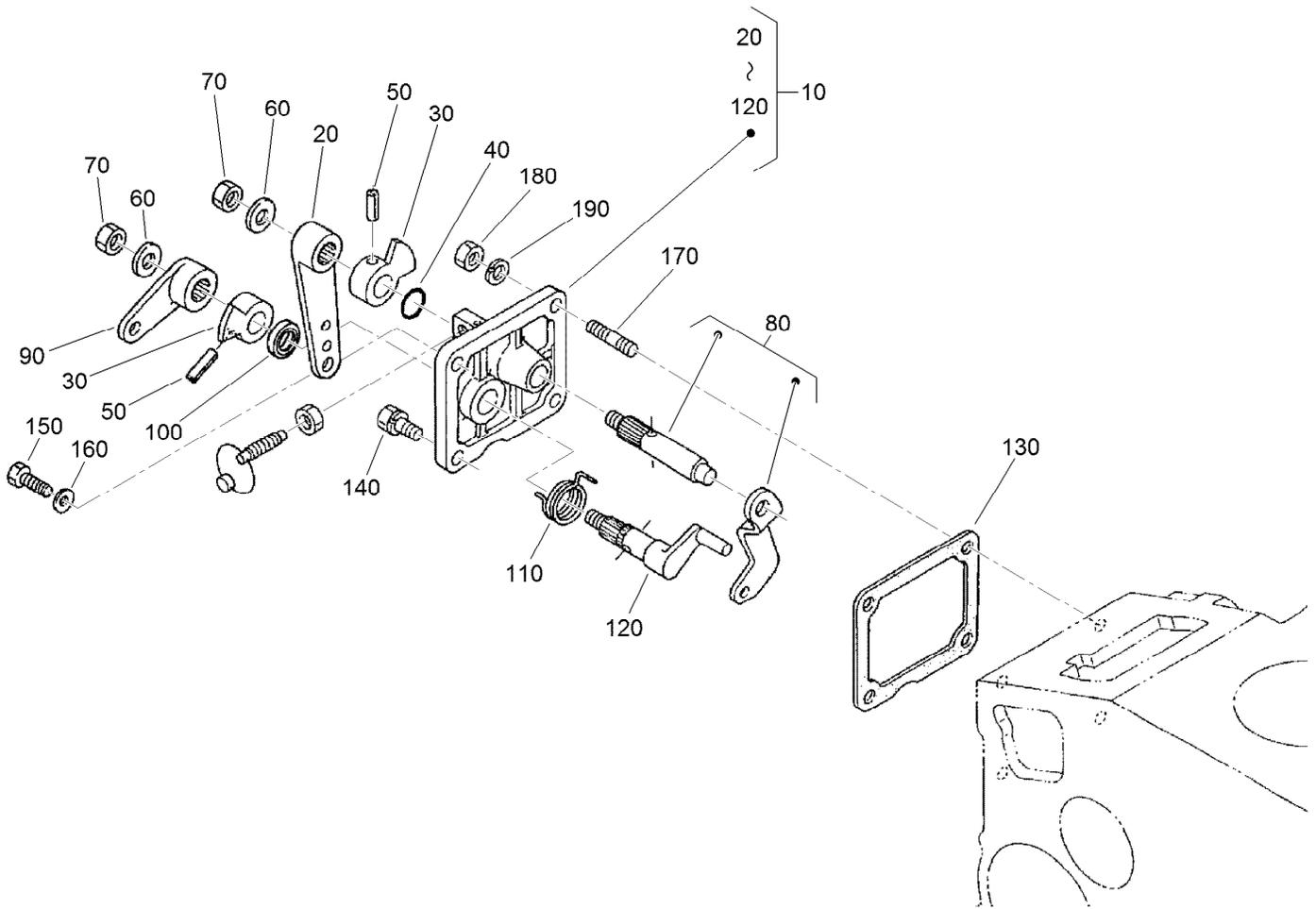
Injection Pump Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9596	1	Joint-Eye
20	105-3727	1	Injection Pump ASM
30	105-3728	1	Shim-Pump, Injection (.20MM)
40	105-3729	1	Shim-Pump, Injection (.25MM)
50	105-3730	1	Shim-Pump, Injection (.30MM)
53	115-3016	1	Shim-Pump, Injection (.350MM)
55	115-3017	1	Shim-Pump, Injection (.175MM)
60	98-9361	3	Bolt-HSH
70	98-9438	3	Stud
80	98-9440	3	Nut-Cap
90	98-7699	6	Washer-Spring
100	98-9464	1	Bolt-Joint
110	98-9445	2	Gasket
120	98-9430	1	Screw
130	98-9446	1	Gasket



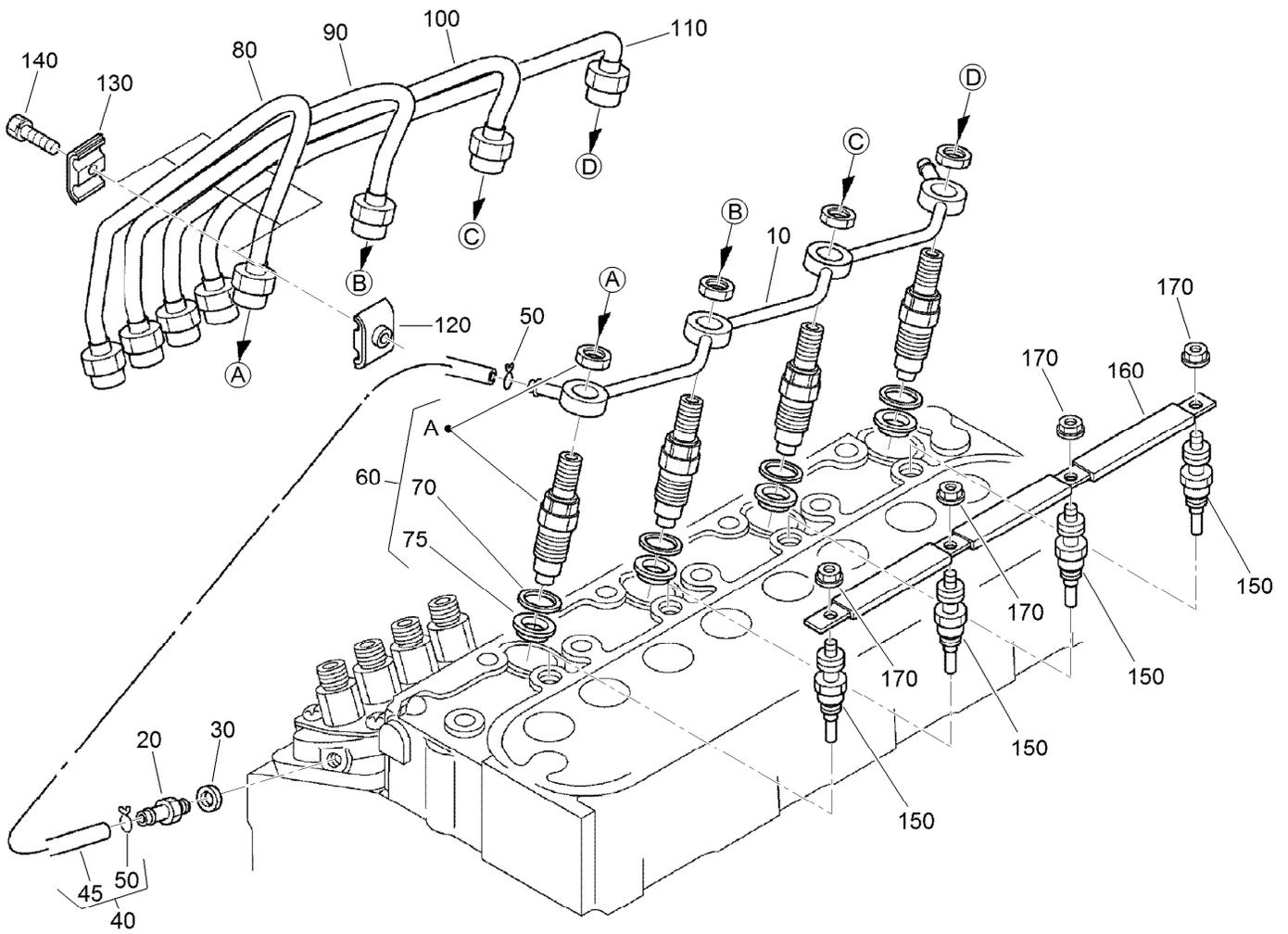
Governor Assembly

<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>
10	105-3741	1	Spring-Start	70	107-9085	1	Shaft-Lever, Fork
20	98-9681	1	Spring-Governor	80	107-9086	1	Shaft-Lever, Fork
30	115-4502	1	Fork Lever ASM	90	98-9570	1	Bearing-Miniaturize
40	98-9692	2	Roller	100	115-4122	1	Cover-Shaft, Fork Lever
50	107-9083	1	Lever-Thrust	110	98-9682	1	Gasket
60	107-9084	1	Lever-Fork	120	98-9350	2	Bolt
65	108-2867	1	Spring	130	98-9567	1	Collar
66	98-7580	2	Ball	140	98-9571	1	Bearing-Miniaturize



Speed Control Plate Assembly

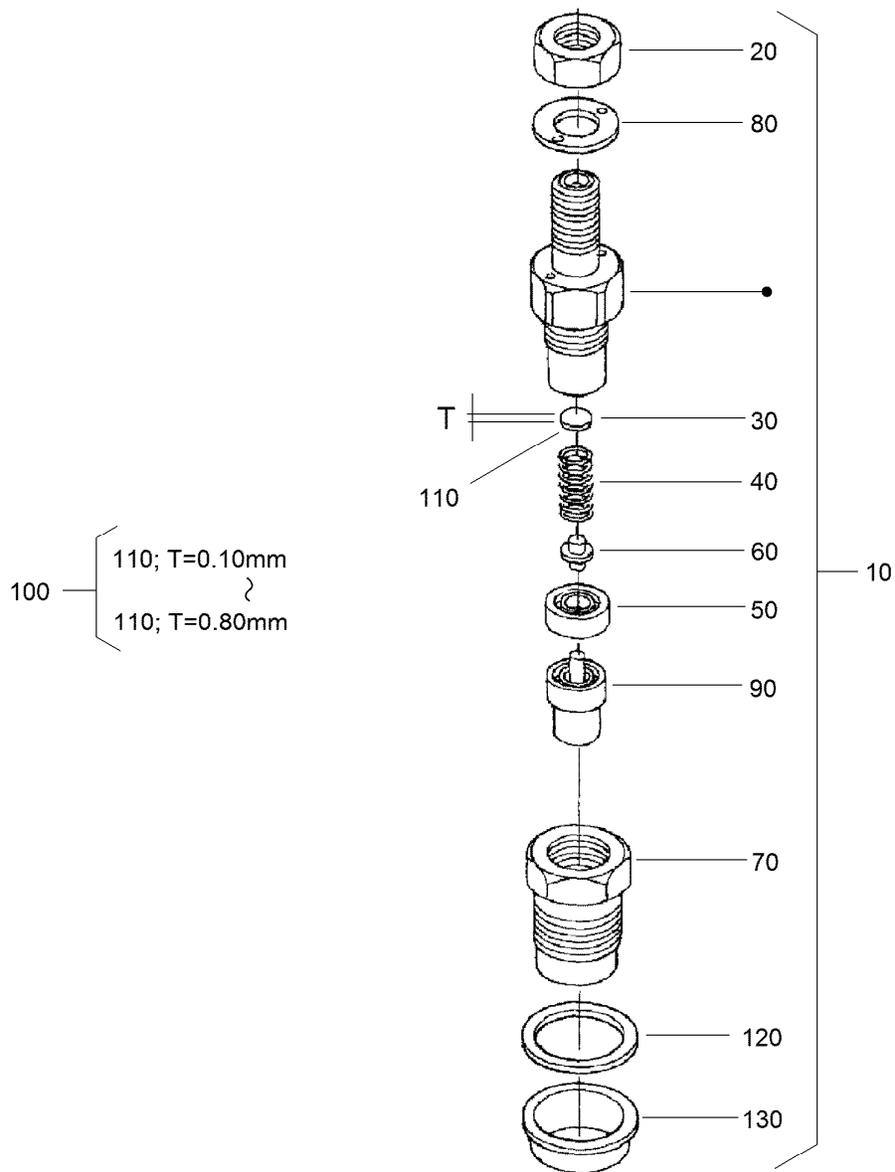
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	105-3735	1	Control Plate ASM	110	98-9472	1	Spring-Return
20	98-9662	1	Lever-Control, Speed	120	98-9664	1	Shaft-Lever, Stop
30	98-9572	2	Lever-Control, Speed	130	98-9637	1	Gasket
40	105-3788	1	O-Ring	140	98-7692	1	Bolt
50	98-7602	2	Pin-Spring	150	99-8348	1	Bolt
60	98-9594	2	Washer-Plain	160	98-7654	2	Gasket
70	98-9589	2	Nut	170	105-3710	2	Stud
80	98-9658	1	Governor Lever ASM	180	98-7572	2	Nut
90	98-9663	1	Lever-Stop, Engine	190	98-7699	2	Washer-Spring
100	98-7601	1	Seal-Oil				



Nozzle Holder and Glow Plug Assembly

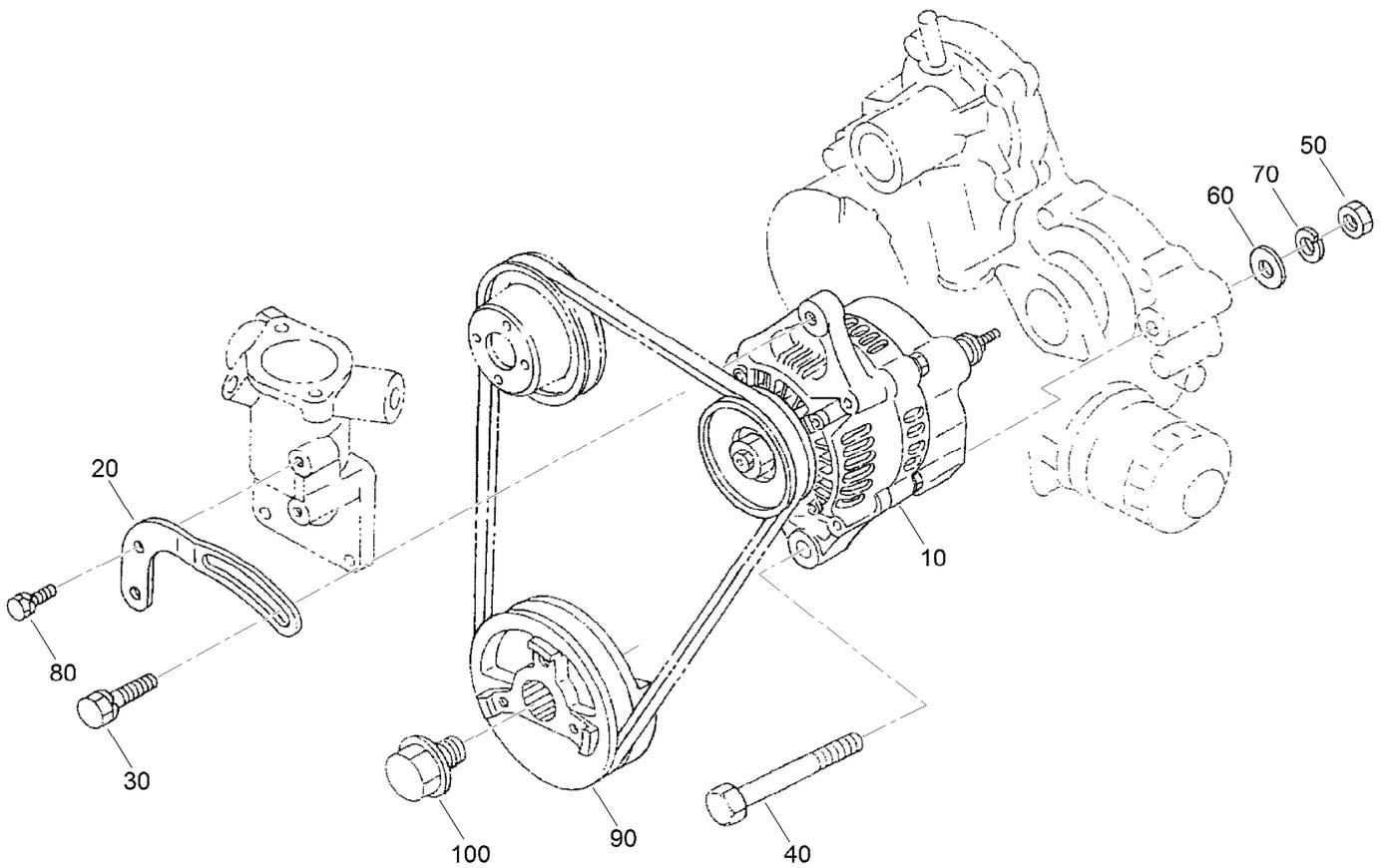
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	105-3737	1	Over Flow Pipe ASM
20	98-9431	1	Screw-Bleeder, Air
30	98-7654	1	Gasket
40	98-9420	1	Overflow Pipe ASM
45	112-0182	1	Pipe-Overflow
50	98-7671	2	Clip-Pipe
60	115-3018	4	Nozzle Holder Kit
70	98-7676	4	Gasket
75	98-7677	4	Seal-Heat
80	98-9653	1	Pipe-Injection

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
90	98-9654	1	Pipe-Injection
100	98-9655	1	Pipe-Injection
110	105-3738	1	Pipe-Injection
120	98-7682	3	Clamp-Pipe
130	98-7683	3	Clamp-Pipe
140	98-7684	3	Screw (W/Washer)
150	115-3019	4	Plug-Glow
160	105-3739	1	Cord-Plug, Glow
170	99-8377	4	Nut-Flange



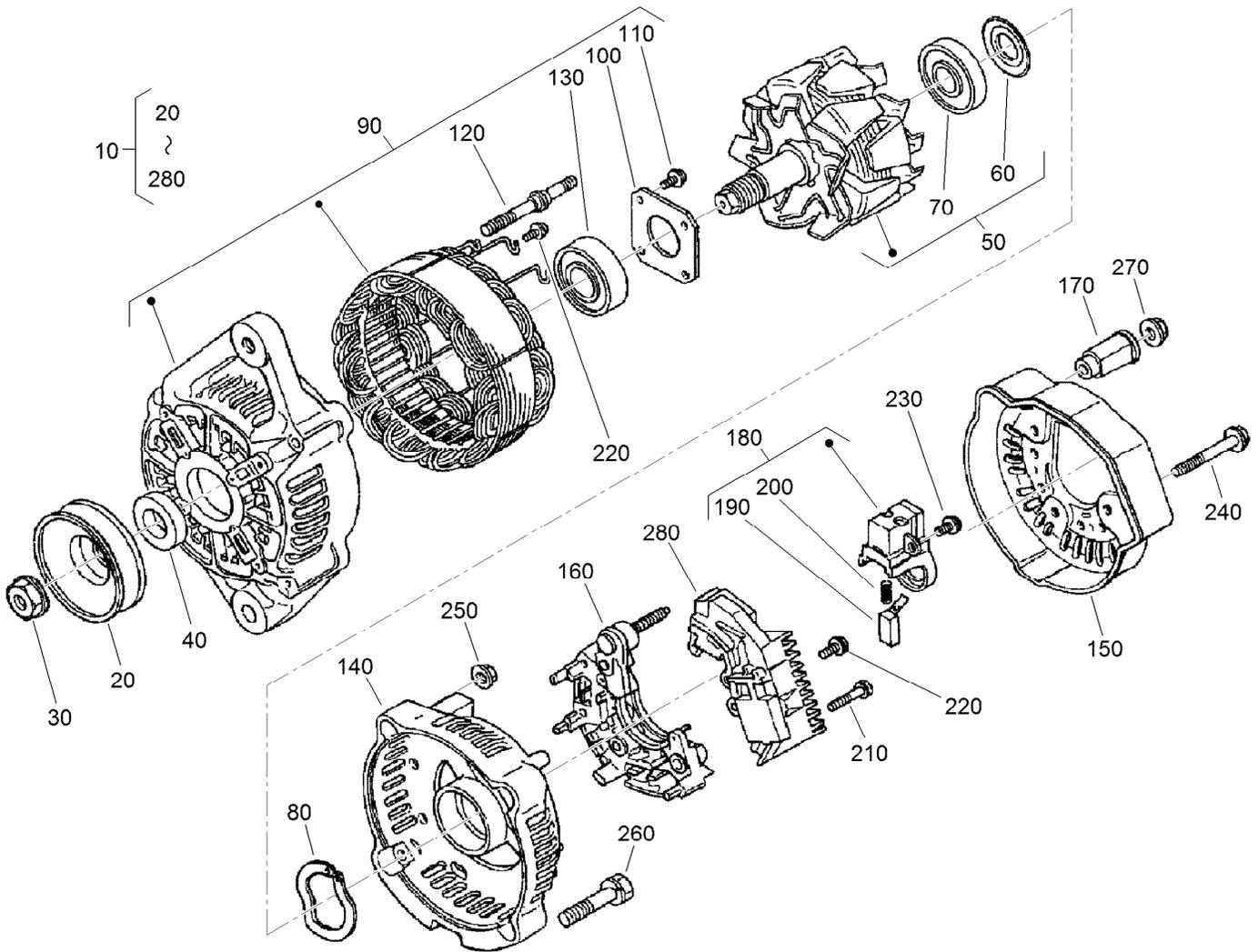
Nozzle Holder Component Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
10	115-3018	4	Nozzle Holder Kit	110	99-8311	4	Washer-Adjust (0.20MM)
20	99-8301	4	Nut	110	99-8312	4	Washer-Adjust (0.30MM)
30	99-8302	4	Washer-Adjusting	110	99-8313	4	Washer-Adjust (0.40MM)
40	99-8303	4	Spring-Nozzle	110	99-8314	4	Washer-Adjust (0.50MM)
50	99-8304	4	Spacer-Distance	110	99-8315	4	Washer-Adjust (0.52MM)
60	99-8305	4	Rod-Push	110	99-8316	4	Washer-Adjust (0.54MM)
70	99-8306	4	Nut-Nozzle	110	99-8317	4	Washer-Adjust (0.56MM)
80	99-8307	4	Washer-Plain	110	99-8318	4	Washer-Adjust (0.58MM)
90	115-3020	4	Piece-Nozzle	110	99-8319	4	Washer-Adjust (0.80MM)
100	99-8309	4	Adjusting Washer ASM	120	98-7676	4	Gasket
110	99-8310	4	Washer-Adjust (0.10MM)	130	98-7677	4	Seal-Heat



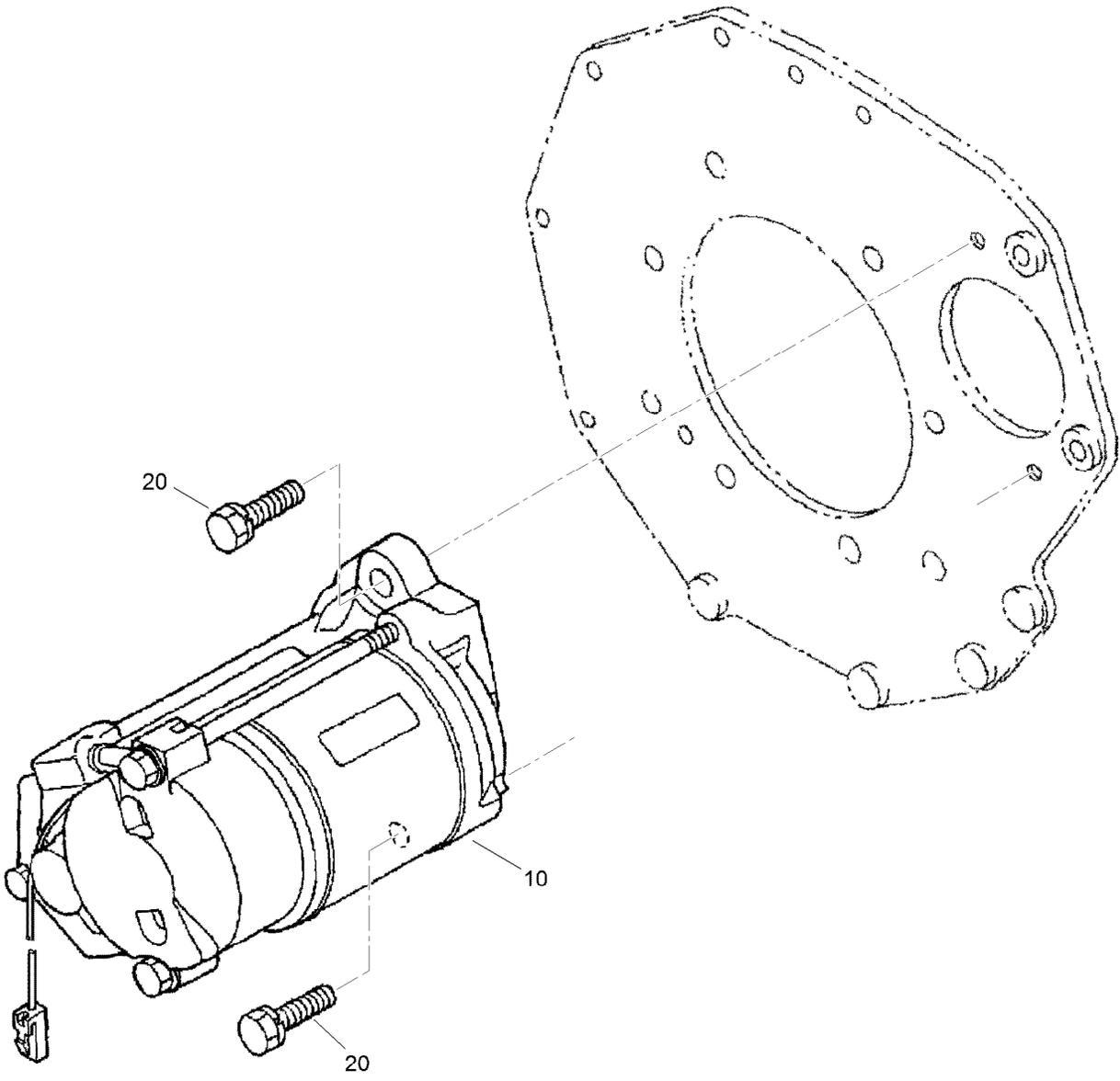
Alternator and Pulley Assembly

Ref.	Part Number	Qty.	Description
10	98-9474	1	Alternator ASM
20	112-7047	1	Stay-Dynamo
30	108-7088	1	Bolt
40	98-9360	1	Bolt
50	98-7737	1	Nut
60	98-9366	1	Washer-Plain
70	98-7738	1	Washer-Spring
80	98-7692	1	Bolt
90	105-3745	1	Pulley-Drive, Fan
100	98-9585	1	Bolt



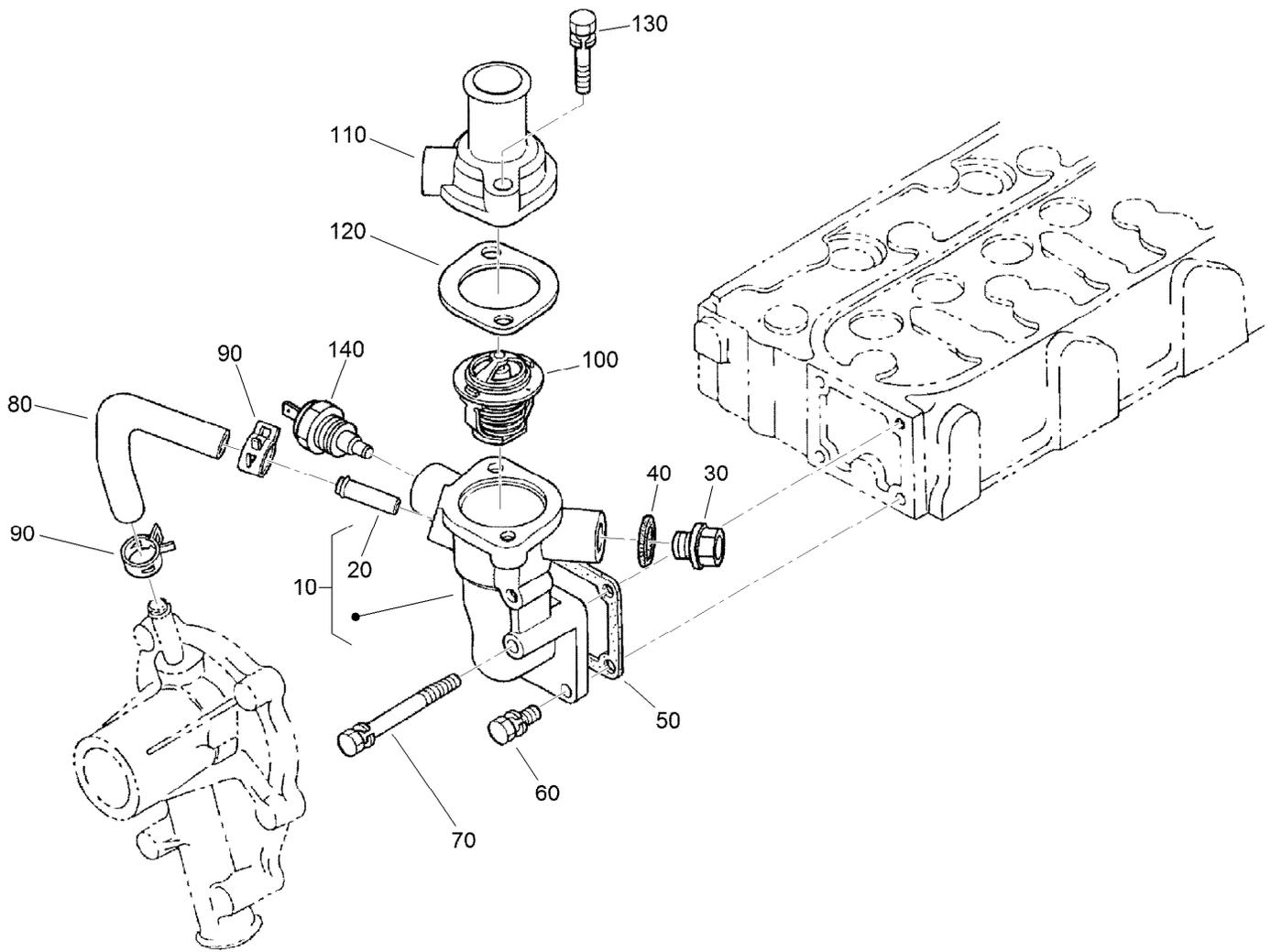
Alternator Components Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
10	98-9474	1	Alternator ASM	150	107-0140	1	Cover-End
20	98-9453	1	Pulley-Dynamo	160	98-7721	1	Rectifier ASM
30	98-7708	1	Nut	170	98-7722	1	Bushing-Insulation
40	98-7709	1	Collar	180	107-0141	1	Brush Holder ASM
50	107-0136	1	Rotor ASM	190	98-7724	2	Brush
60	98-7711	1	Cover-Bearing	200	98-7725	2	Spring-Brush
70	107-0138	1	Bearing-Ball	210	98-7726	2	Screw-Head, Round
80	98-7713	1	Washer-Thrust	220	98-7727	6	Screw-Head, Round
90	107-0139	1	Drive End Frame ASM	230	98-7728	1	Screw-Head, Round
100	98-7715	1	Plate-Retainer	240	98-7729	3	Bolt
110	98-7716	4	Screw-Head, Round	250	98-7730	2	Nut
120	98-7717	2	Bolt-Through	260	98-7731	2	Bolt
130	133-2811	1	Bearing	270	98-7732	1	Nut
140	107-9087	1	Frame-End	280	110-3799	1	Regulator ASM



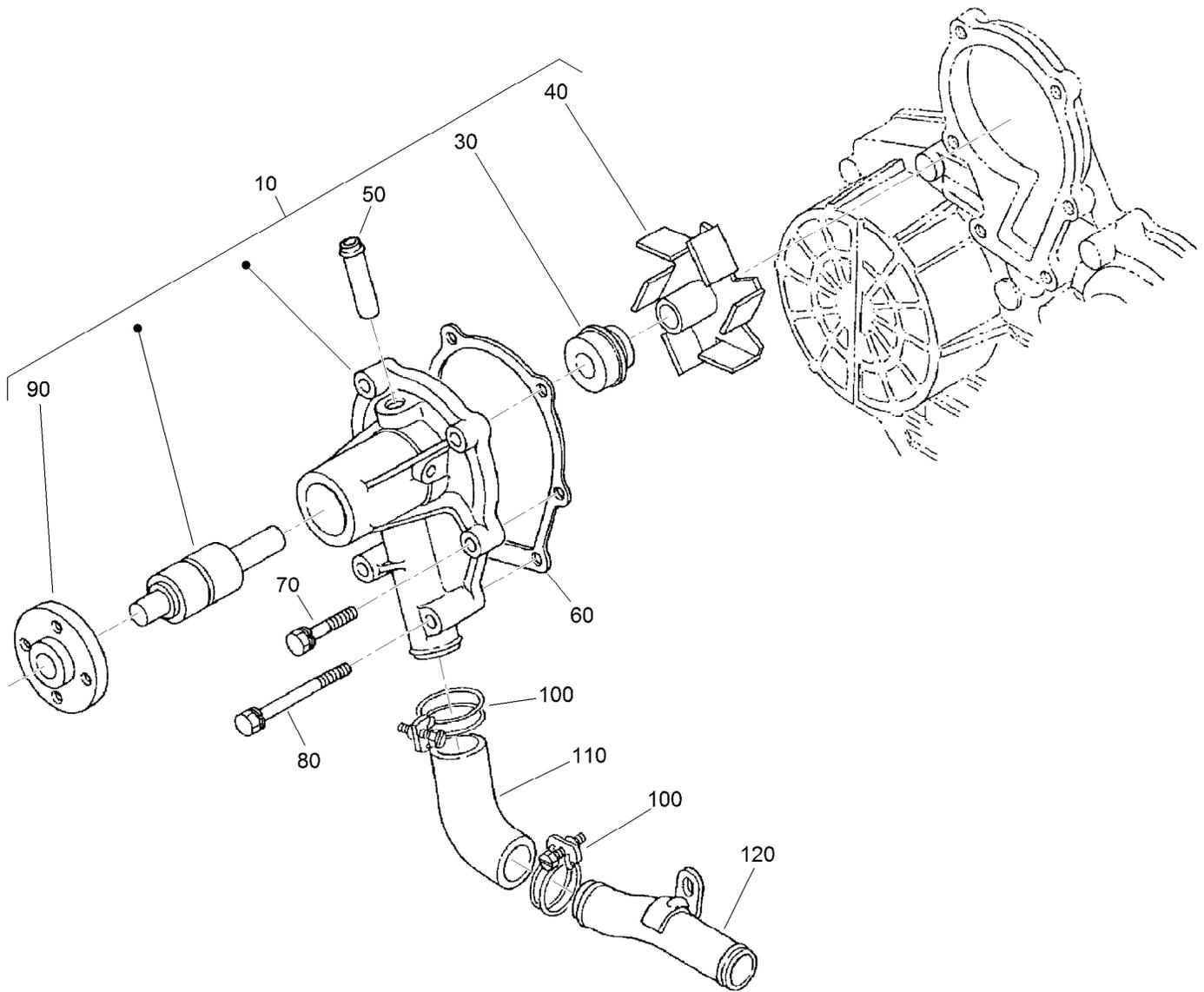
Starter Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9705	1	Starter ASM
20	98-7697	2	Bolt



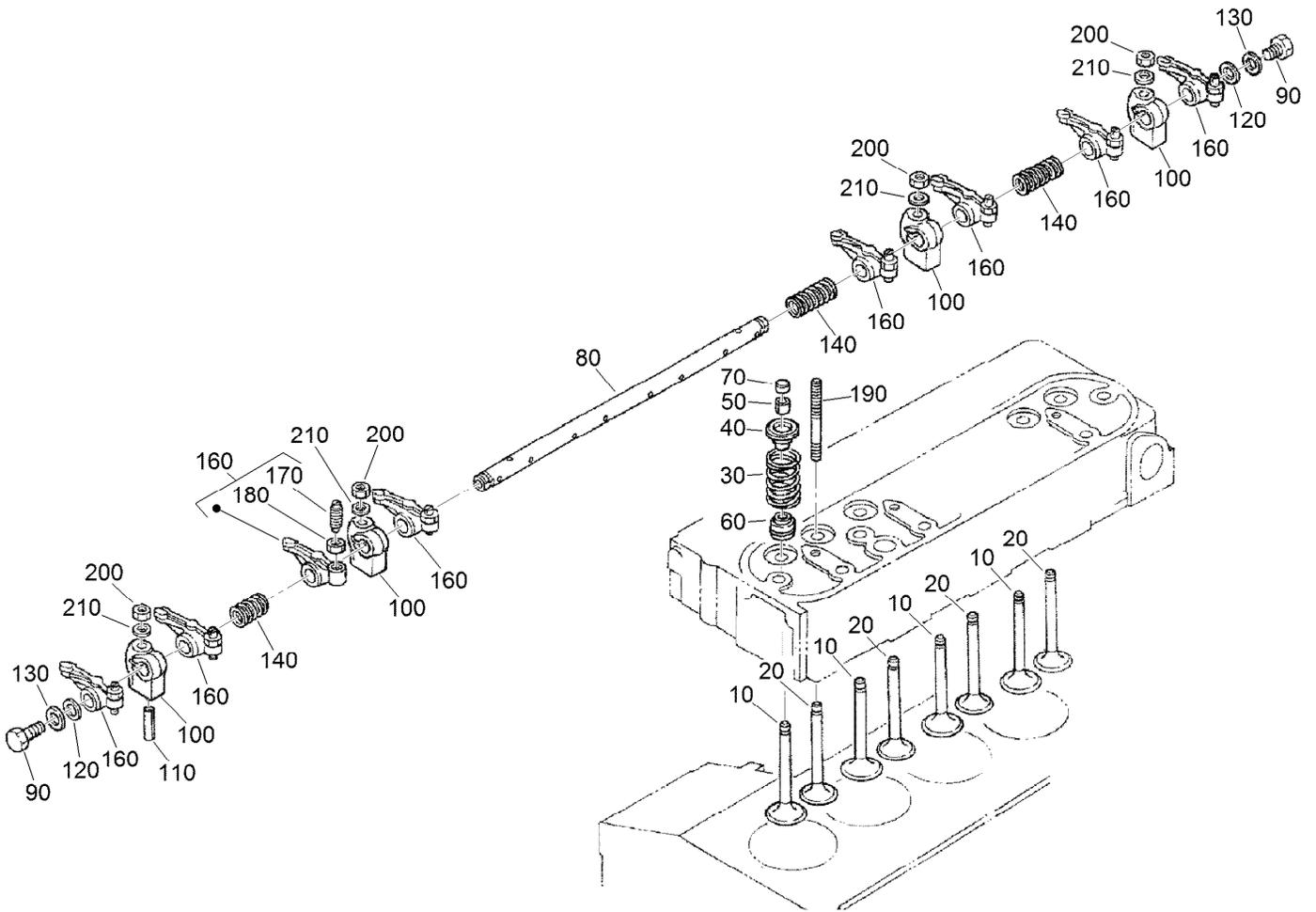
Thermostat Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9713	1	Water Flange ASM
20	98-9580	1	Pipe-Return, Water
30	105-3747	1	Plug
40	99-3583	1	Gasket
50	98-9638	1	Gasket-Flange, Water
60	98-7692	3	Bolt
70	98-9356	1	Bolt
80	98-9578	1	Pipe-Return, Water
90	98-9579	2	Band-Pipe
100	98-7778	1	Thermostat ASM
110	98-9471	1	Cover-Thermostat
120	105-3748	1	Gasket-Thermostat
130	98-7777	2	Bolt
140	112-0183	1	Switch-Thermometer



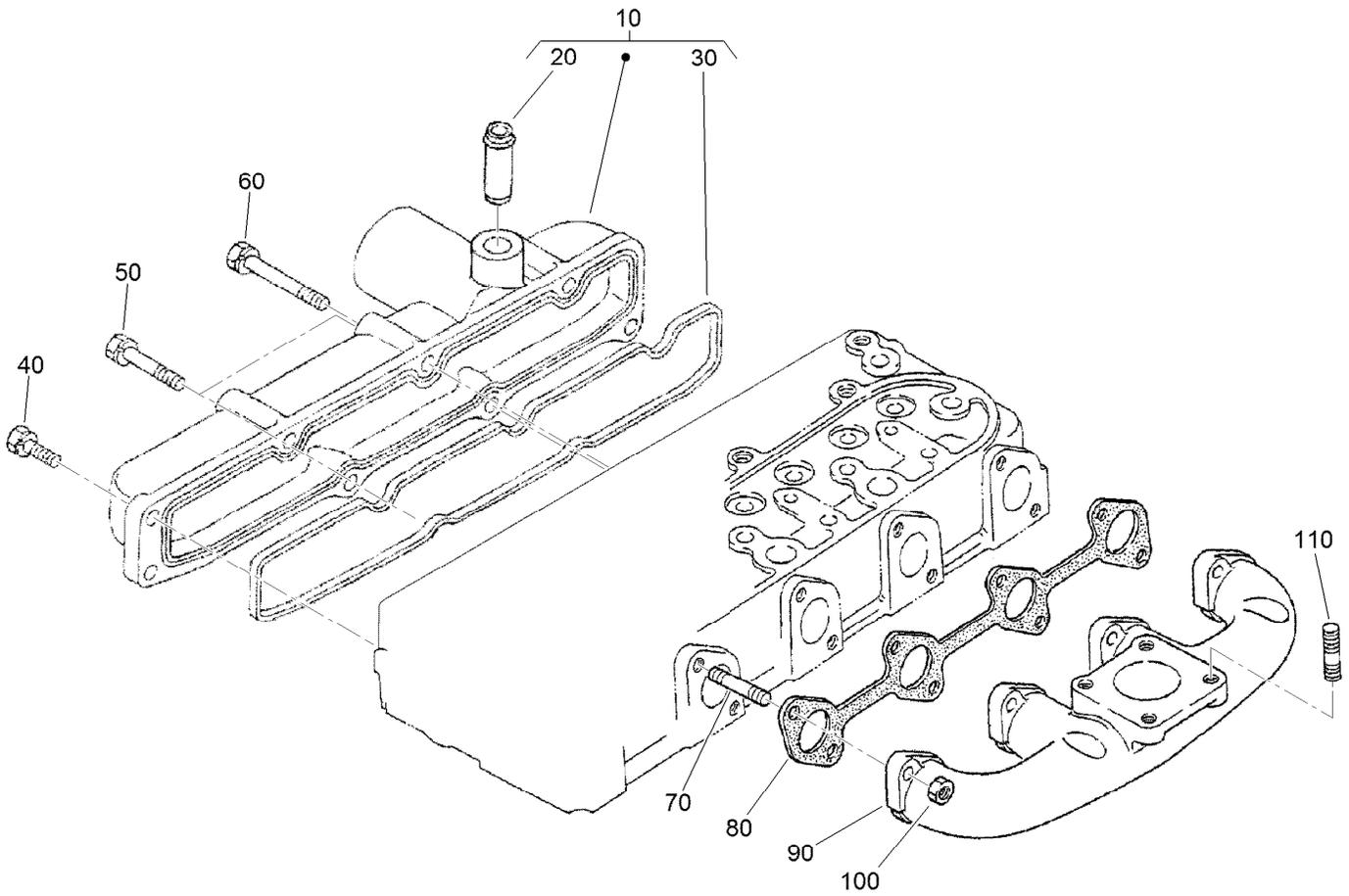
Water Pump Assembly

Ref.	Part Number	Qty.	Description
10	107-9089	1	Water Pump ASM
30	105-3750	1	Mechanical Seal ASM
40	112-7017	1	Impeller-Pump, Water
50	100-1932	1	Pipe-Return, Water
60	99-3454	1	Gasket-Pump, Water
70	98-9353	4	Bolt
80	107-9090	2	Bolt
90	99-3516	1	Flange-Pump, Water
100	98-9717	2	Clamp
110	107-9091	1	Pipe-Water
120	98-9716	1	Pipe-Water



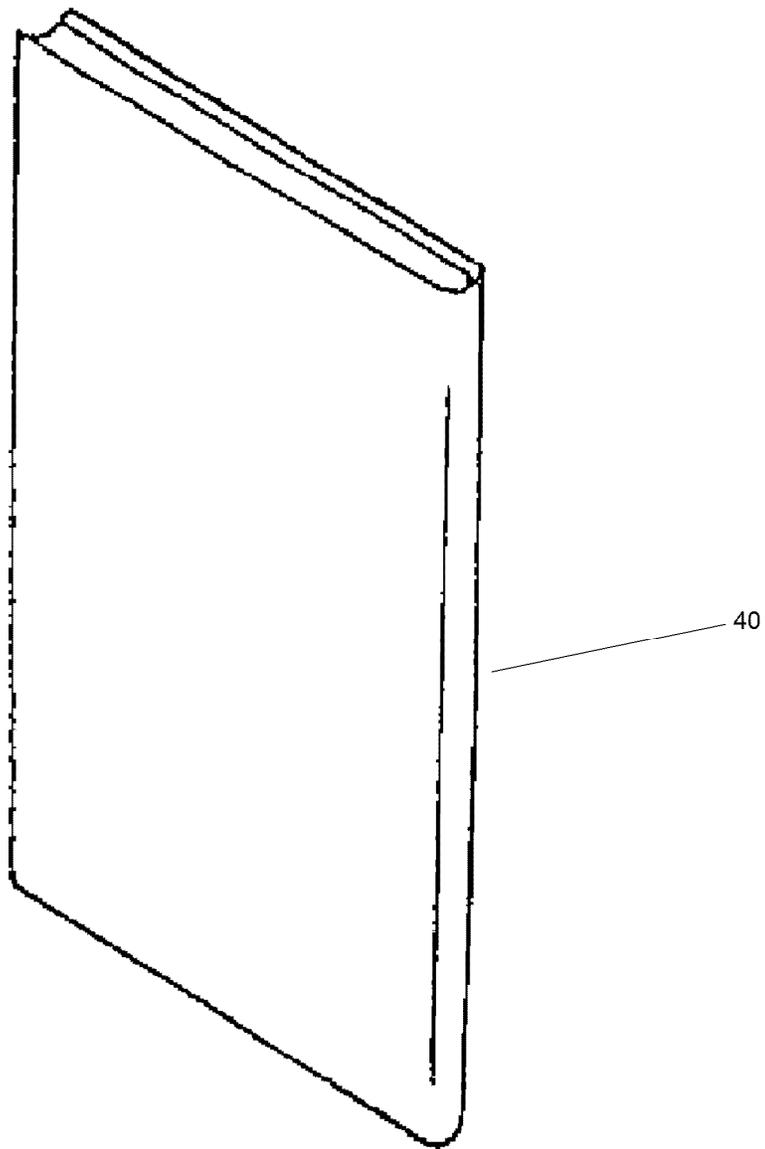
Valve and Rocker Arm Assembly

<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>
10	112-7018	4	Valve-Inlet	110	105-3758	1	Pin-Spring
20	112-7021	4	Valve-Exhaust	120	98-9507	2	Washer-Shaft, Rocker Arm
30	98-9648	8	Spring-Valve	130	110-3832	2	Washer-Plain
40	107-9092	8	Retainer-Spring	140	98-9504	2	Spring-Arm, Rocker
50	98-9390	8	Collet-Spring, Valve	160	112-7020	8	Rocker Arm ASM
60	99-8385	8	Seal-Stem, Valve	170	98-9502	8	Screw-Adjusting
70	98-9497	8	Cap-Valve	180	98-9503	8	Nut
80	105-3790	1	R-Arm Shaft ASM	190	98-9506	4	Stud
90	100-1762	2	Bolt	200	98-9393	4	Nut
100	98-9505	4	Bracket-Arm, Rocker	210	98-9385	4	Washer-Flat



Intake and Exhaust Manifold Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	108-2874	1	Intake Manifold ASM
20	98-9492	1	Joint-Pipe, Breather
30	105-3760	1	Gasket-Manifold, Intake
40	98-7605	3	Bolt
50	98-9353	2	Bolt
60	105-3797	3	Bolt
70	98-9588	8	Stud
80	105-3765	1	Gasket-Manifold, Exhaust
90	112-0187	1	Manifold-Exhaust
100	98-9665	8	Nut
110	98-7769	4	Stud



Muffler Gasket and Operator Manual Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
40	115-4104	1	Operator Manual

Attachments and Accessories

For 03952 — Reelmaster 5410-D Traction Unit

Product Name	Model/Part
Operator Cooling Fan	03247
Switch Panel-Universal Sunshade.....	03248
Operator Golf Ball Guard, Reelmaster 3100/3500/5010 or Groundsmaster 3500/4300 Series Traction Unit	03614
5 Inch Reel Verticutter	03618
8-Blade EdgeSeries Radial Reel DPA Cutting Unit with 5in Reel, Reelmaster 5010 Series Traction Unit	03621
11-Blade EdgeSeries Forward Swept Reel DPA Cutting Unit with 5in Reel, Reelmaster 5010 Series Traction Unit	03623
22in 5in 11 Bld (rr) Dpa Cu (5010).....	03624
CrossTrax All-Wheel Drive Kit, Reelmaster 5010-H, 5410-D, or 5510-D Series Traction Unit	03645
Air Ride Seat Suspension Kit.....	03667
Turf Evaluator	04399
Wheel Weight Kit	104-1478
Premium All Purpose Grease (Tube)	108-1190
Rear Lift Cylinder Limit Kit	110-9604
5in Air Cleaner Safety Element.....	114-4057
Premium Engine Oil 10w30 (55 Gallon Drum)	121-6392
Premium Engine Oil 10w30 (5 Gallon Pail)	121-6393
Smooth Rear Tire	127-2796
Hi-Back Seat Cover	133-1308
Smooth Front Tire	133-2940
PX Hydraulic Fluid (5 Gal)	133-8086
PX Hydraulic Fluid (55 Gal).....	133-8087
Pin and Lanyard Asm	136-8045
Beacon Kit	138-2699
Power Harness Kit (RM5XXX).....	138-2994
Fuel Cooler Kit [yanmar Rm5x10, Gm4300]	139-6040
Work Lights Kit, Groundsmaster and Reelmaster Traction Units with Universal Sunshade.....	140-1554
MVP Kit-Hyd Hose.....	145-2576
MVP Kit 1000 Hour-rm5x10/gm4300 Yanmar	145-2580
Brush and Handle Kit.....	29-9100
White Universal Sunshade	30669
Red Universal Sunshade	30671
EU Light Kit.....	31579
New Red Paint - Gallon	361-11
Dark Metallic Gray Aerosol Paint	361-12
Semi-Gloss Black Spray Paint.....	361-9
Air Dry Red Paint - Qt	5340
Spark Arrestor	98-9099

Notes:



Count on it.