Form No. 3356-883 Rev D

TORO®

Count on it.

Parts Catalog

Reelmaster®

5510 Traction Unit

Model No. 03680—Serial No. 270000001 and Up

Register at www.Toro.com.
Original Instructions (EN)

3356-883 D

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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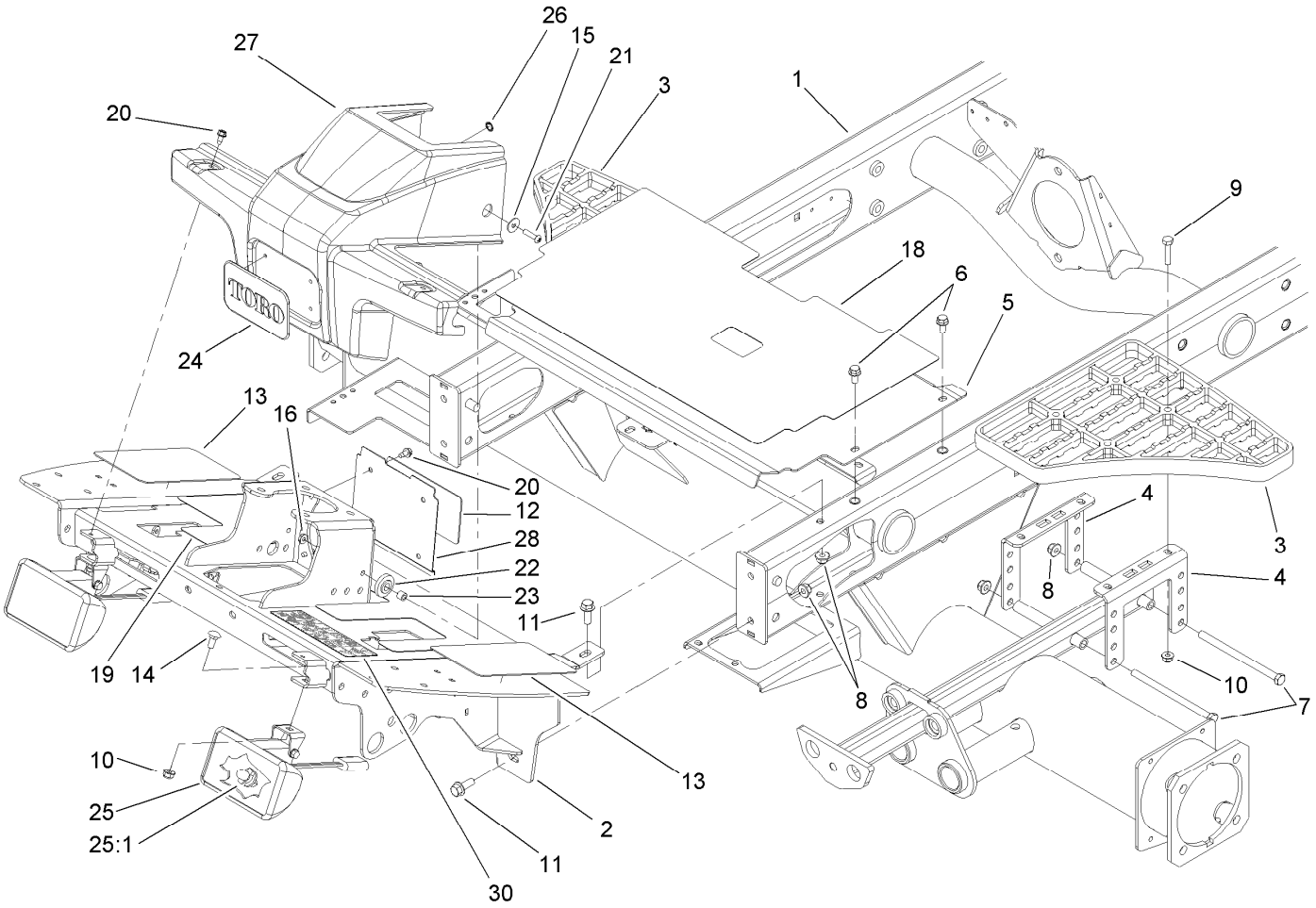
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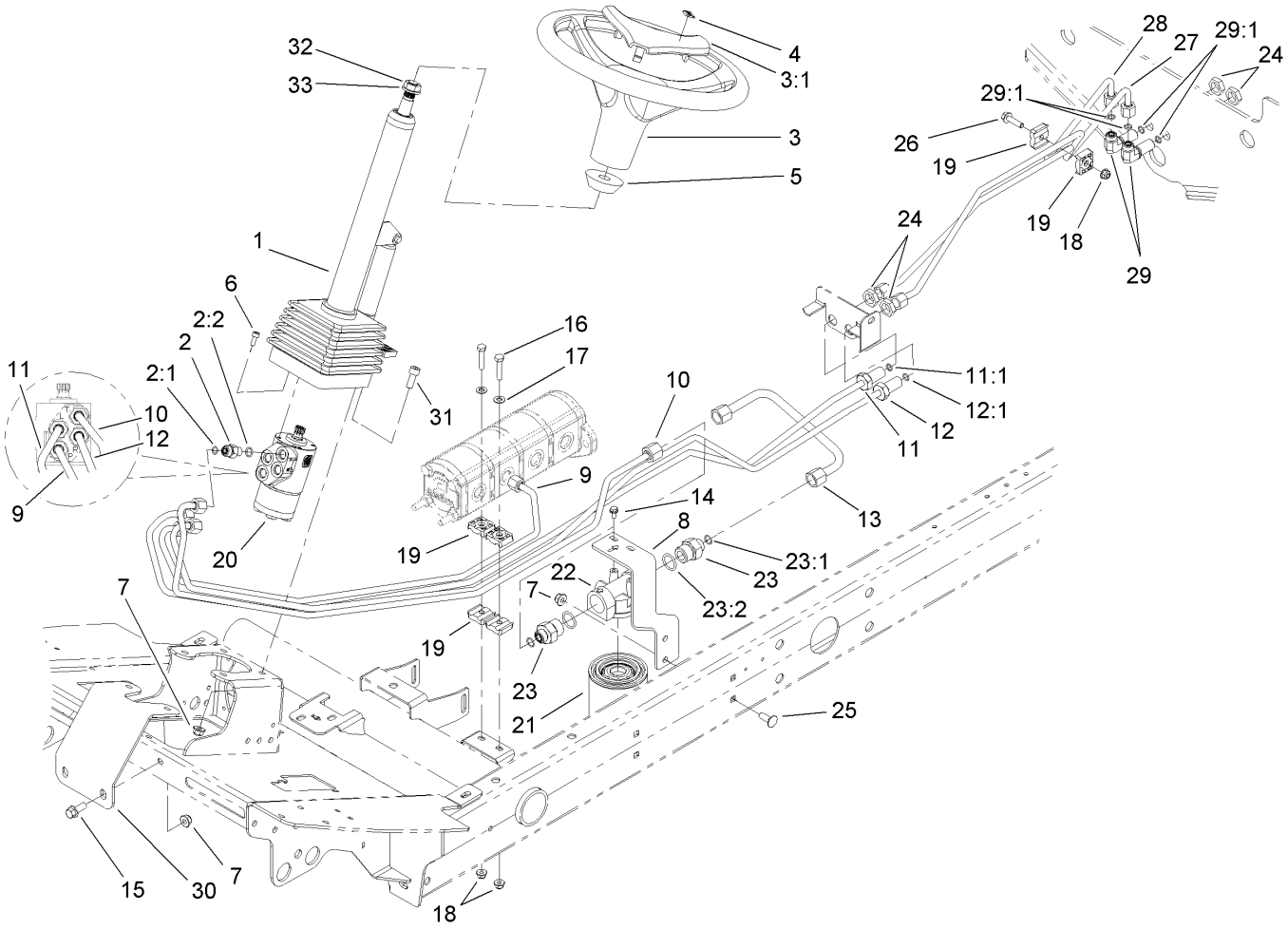
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Front Frame Assembly

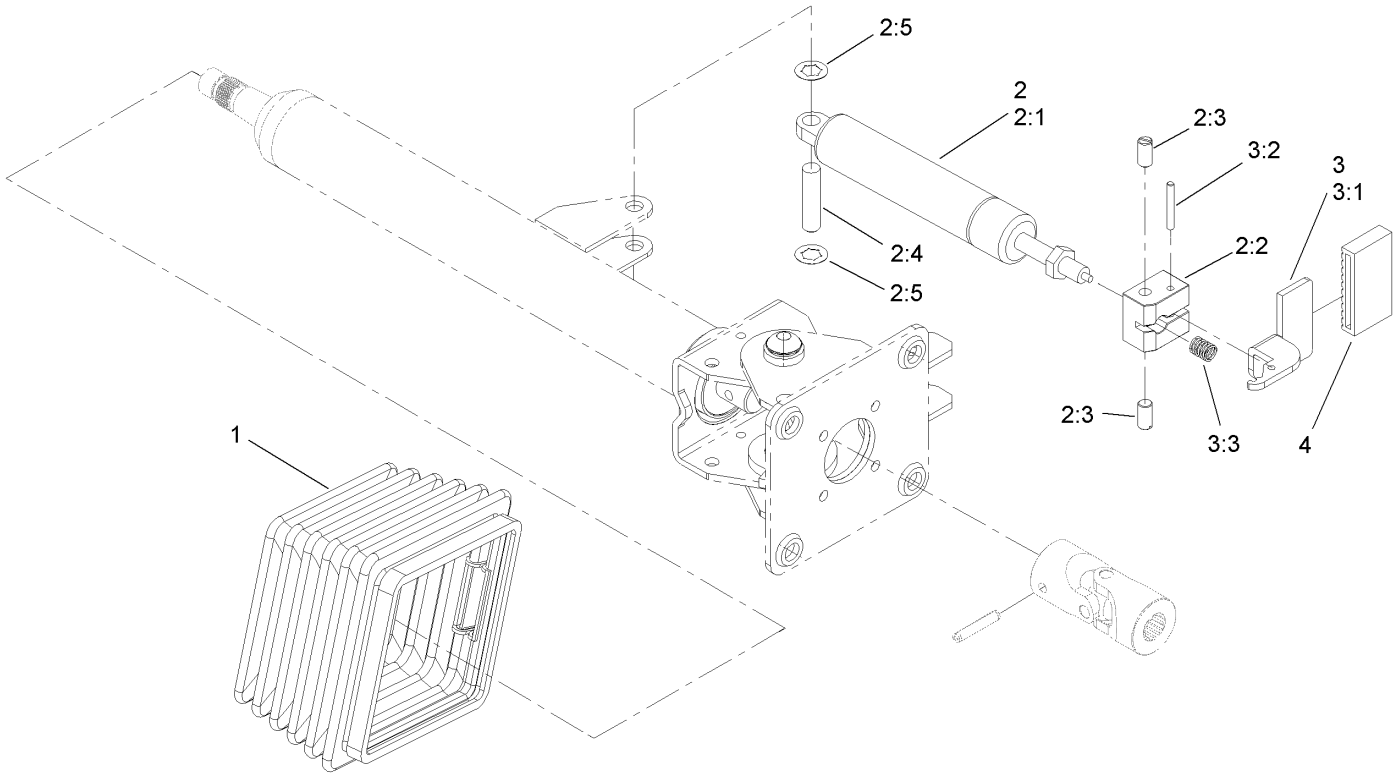
Ref.	Part Number	Qty.	Description
1	110-5312	1	Frame ASM
2	107-4501-01	1	Platform ASM
3	108-1670	2	Step-Aluminum
4	108-1671-01	4	Bracket-Step
5	108-1806-01	1	Plate-Floor
6	3234-17	4	Screw-HHF
7	323-58	4	Bolt-TAP, HH
8	104-8301	8	Nut-HF, NI
9	322-17	8	Screw-HH
10	104-8300	10	Nut-HF, NI
11	3234-11	4	Screw-HHF
12	110-0986	1	Decal-Plate, Cover
13	110-0988	2	Tread-Floor, Side
14	3230-1	2	Bolt-CARR
15	87-6630	2	Washer-Plain
16	32128-33	2	Nut-HF
18	108-1844	1	Tread-Panel, Service
19	108-1845	1	Tread-Board, Floor
20	32104-17	6	Screw-HWH
21	106-9518	2	Screw-PRH
22	240-11	2	Bushing-Flange
23	66-8010	2	Spacer
24	93-6028	1	Plate-Logo
25	94-9024	2	Lamp ASM
25:1	95-0909	1	Lamp-12 Volt
26	3254-9	4	Washer-Lock, Internal
27	110-0944	1	Shroud-Platform
28	110-0947-03	1	Plate-Cover
30	110-8924	1	Decal-Danger
30	110-8986	1	Decal-Danger



Steering Valve Hydraulic Plumbing 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	93-5429	1	Collar-Foam
6	105-2409	4	Screw-HSH
7	104-8301	6	Nut-HF, NI
8	110-0906-01	1	Support-Filter, Oil
9	108-1710	1	Tube ASM
10	108-1711	1	Tube-HYD
11	108-1712	1	Tube ASM
11:1	237-22	1	O-Ring
12	108-1713	1	Tube ASM
12:1	237-22	1	O-Ring
13	108-1714	1	Tube ASM
14	3234-33	2	Screw-HHF
15	3234-11	2	Screw-HHF
16	322-7	2	Screw-HH

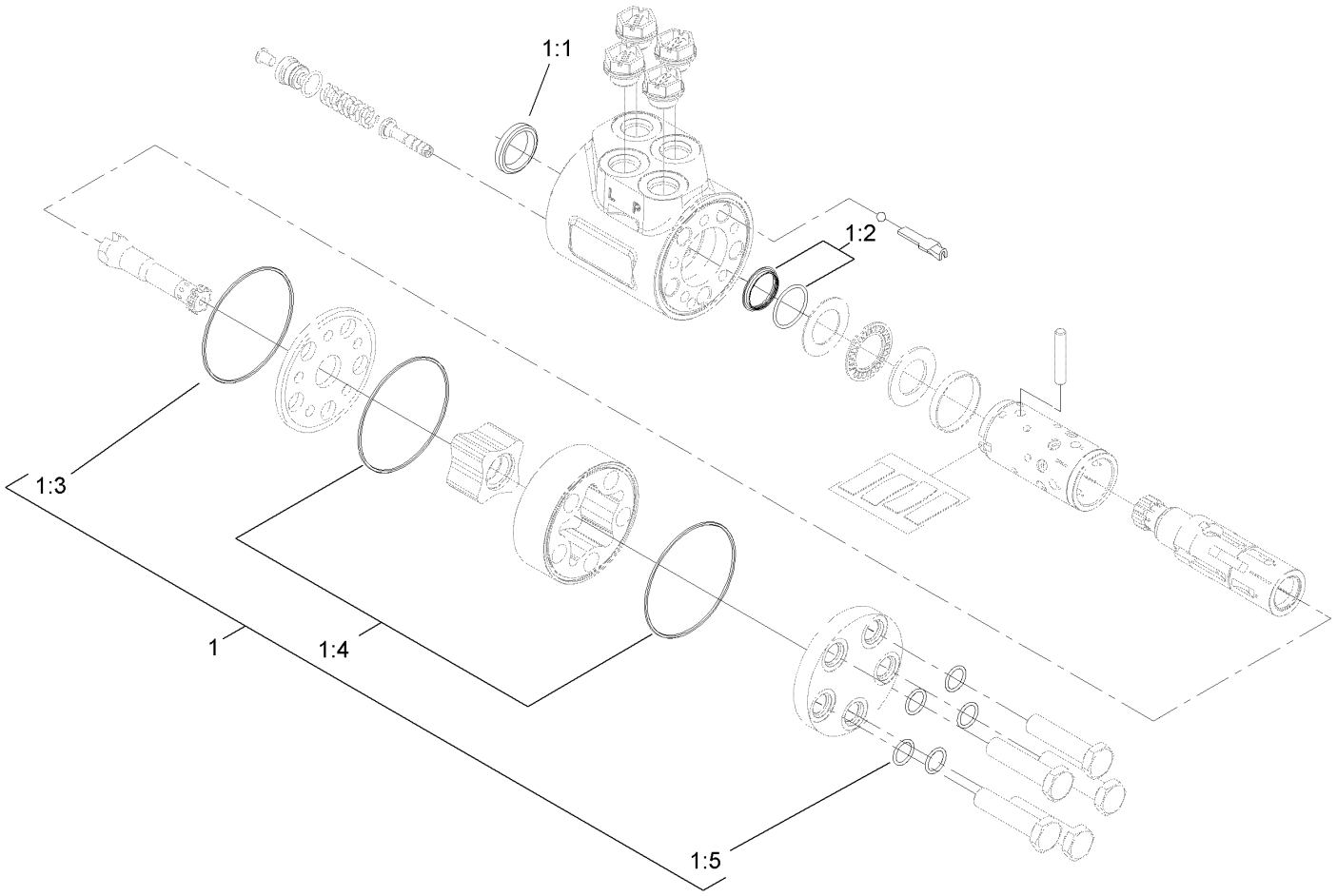
Ref.	Part Number	Qty.	Description
17	3256-23	2	Washer-Plain
18	104-8300	3	Nut-HF, NI
19	56-7973	6	Clamp-Tube
20	106-3621	1	Steering Valve ASM
21	86-3010	1	Filter-Oil
22	92-5821	1	Head-Filter
23	100-4240	2	Fitting-STR
23:1	237-30	1	O-Ring
23:2	237-81	1	O-Ring
24	340-70	4	Nut-Lock
25	3231-27	2	Screw-CARR
26	3234-36	1	Screw-HHF
27	108-7629	1	Tube ASM
28	108-7630	1	Tube ASM
29	340-154	2	Union-Bulkhead
29:1	237-22	2	O-Ring
30	110-8876-01	1	Brace-Column
31	3274-1	4	Screw-HSH
32	3296-33	1	Nut-Lock, NI
33	3256-27	1	Washer-Flat



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

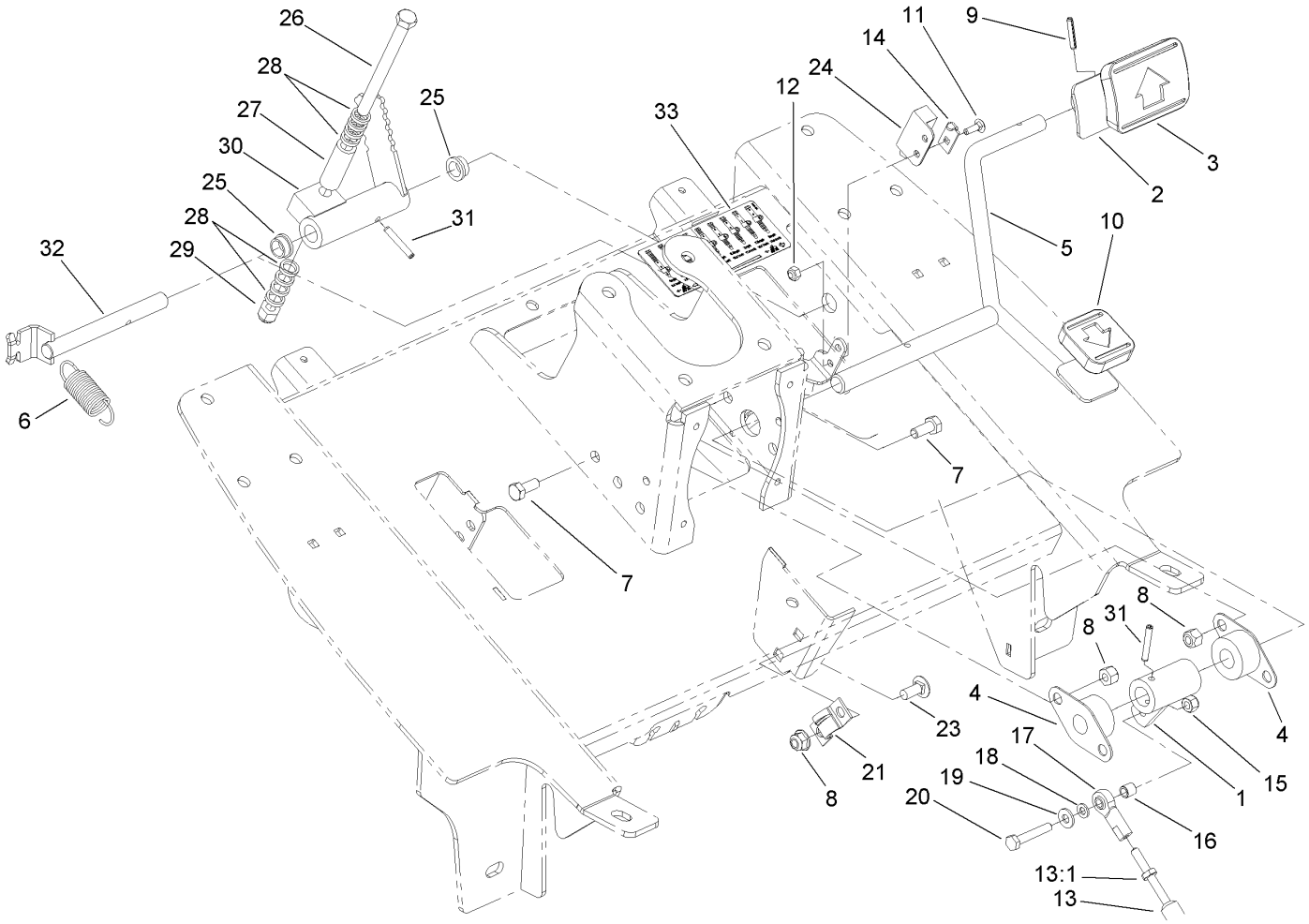
● Not serviced separately



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 ●

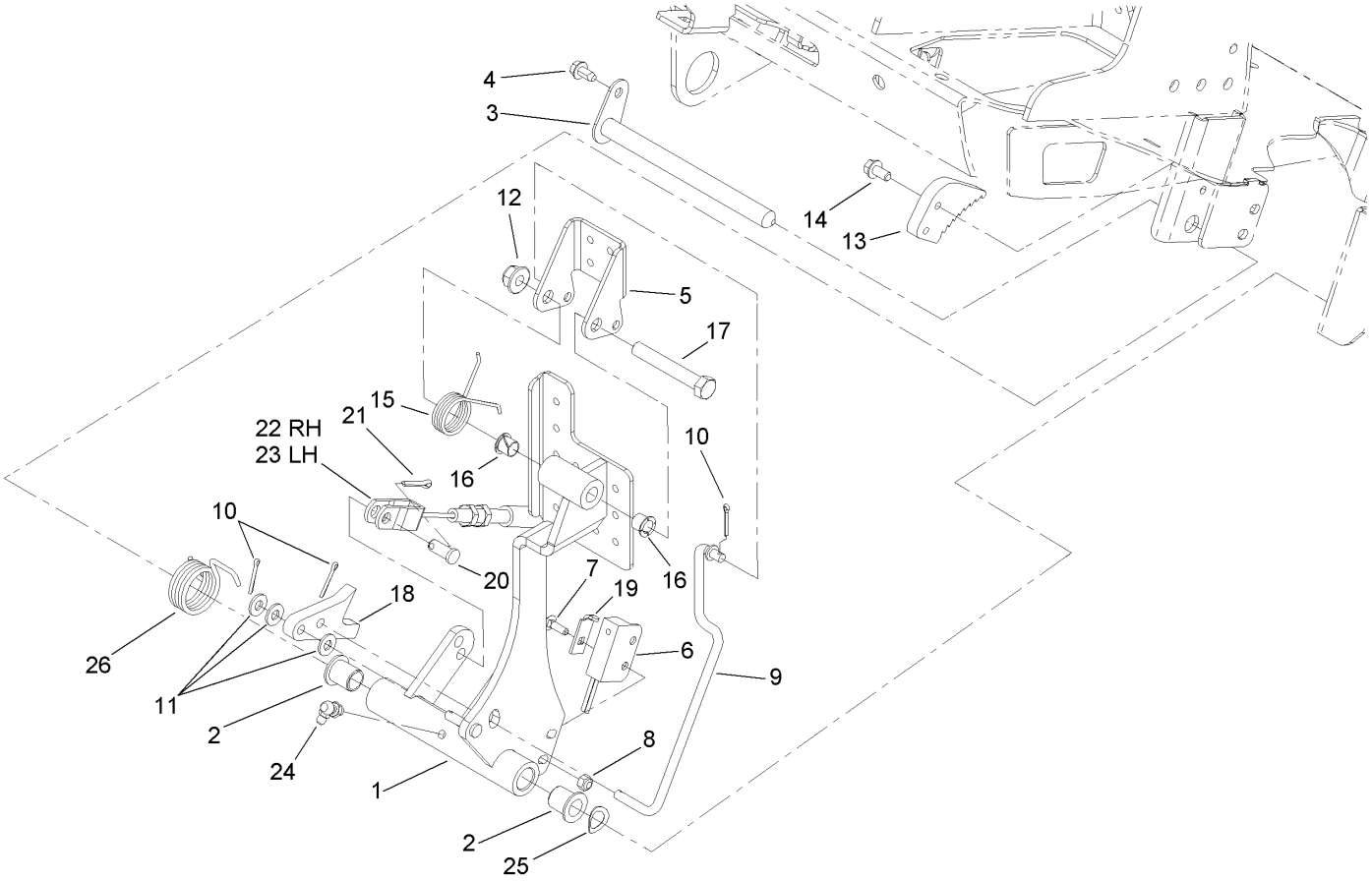
● Not serviced separately



Traction Pedal Assembly

Ref.	Part Number	Qty.	Description
1	106-3719	1	Hub-Pedal, Traction
2	49-6440-03	1	Pedal-Forward
3	74-9100	1	Pad-Pedal, Forward
4	256-236	2	Bearing-Mount, Flange
5	106-3840	1	Pedal-Traction
6	92-7305	1	Spring-Extension
7	322-3	4	Screw-HH
8	3296-29	6	Nut-Lock, NI
9	32121-45	1	Pin-Spring
10	74-9110	1	Pad-Pedal, Reverse
11	3229-34	1	Screw-CARR
12	3296-2	1	Nut-Lock, NI
13	107-2084	1	Traction Cable ASM
13:1	3220-1	2	Nut-Jam
14	100-4872	1	Plate-Switch, Neutral
15	3296-42	1	Nut-Lock, NI
16	99-3545	1	Spacer

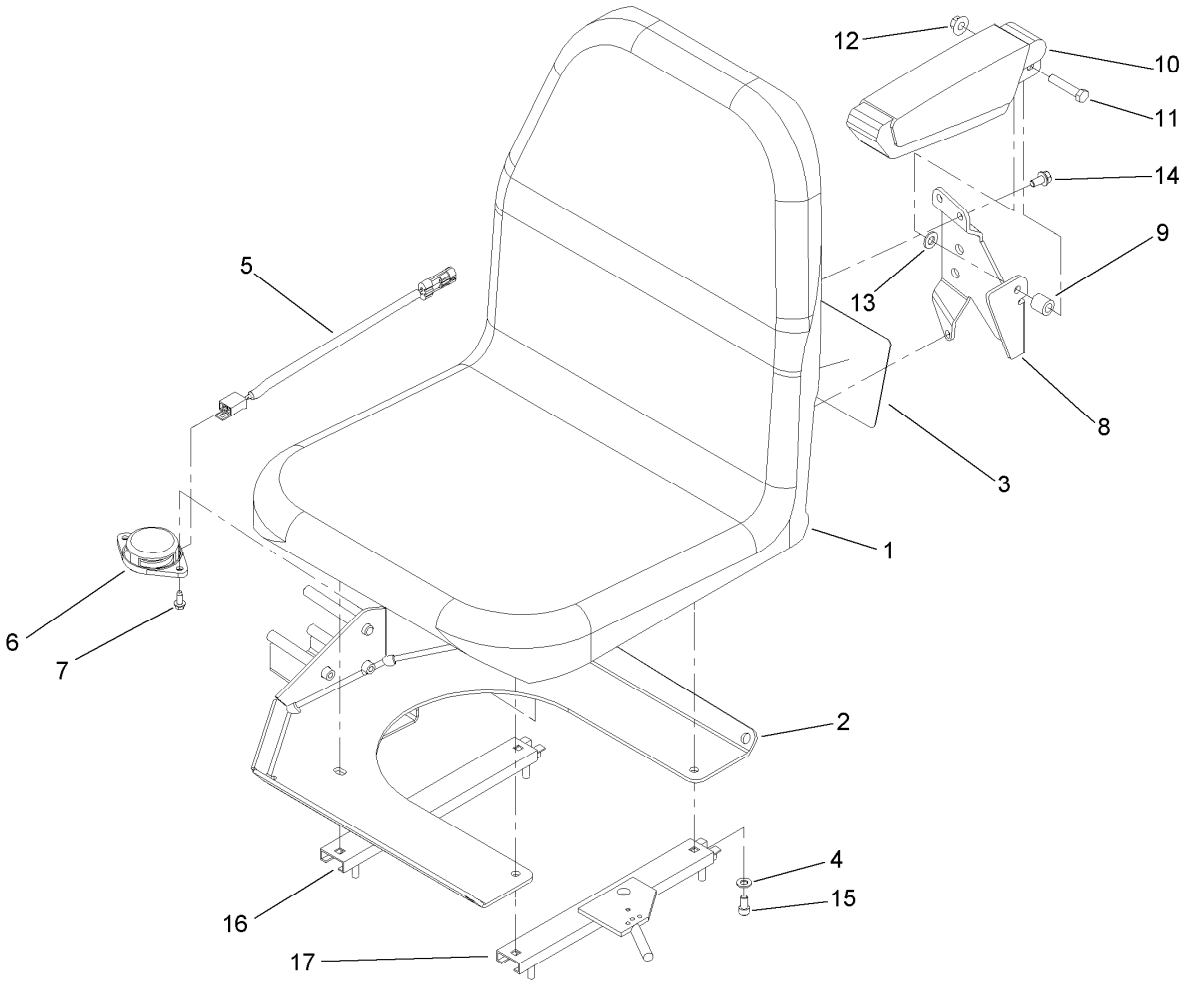
Ref.	Part Number	Qty.	Description
17	2411-41	1	Rod End-Ball Joint
18	33093-00	1	Washer-Flat
19	3256-22	1	Washer-Flat
20	321-9	1	Screw-HH
21	93-2092	1	Clamp-Cable
23	3234-5	2	Screw-HHF
24	104-1414	1	Sensor-Proximity, Ferrous (NC)
25	256-156	2	Bushing-Flange
26	323-17	1	Screw-HH
27	95-6448	1	Spacer
28	62-4420	8	Washer
29	3296-39	1	Nut-Lock, NI
30	106-3734	1	Stop-Mow
31	32121-6	2	Pin-Roll, Slotted
32	106-3731	1	Rod-Pivot
33	110-8921	1	Decal-Speed, Mow



Brake Pedal Assembly

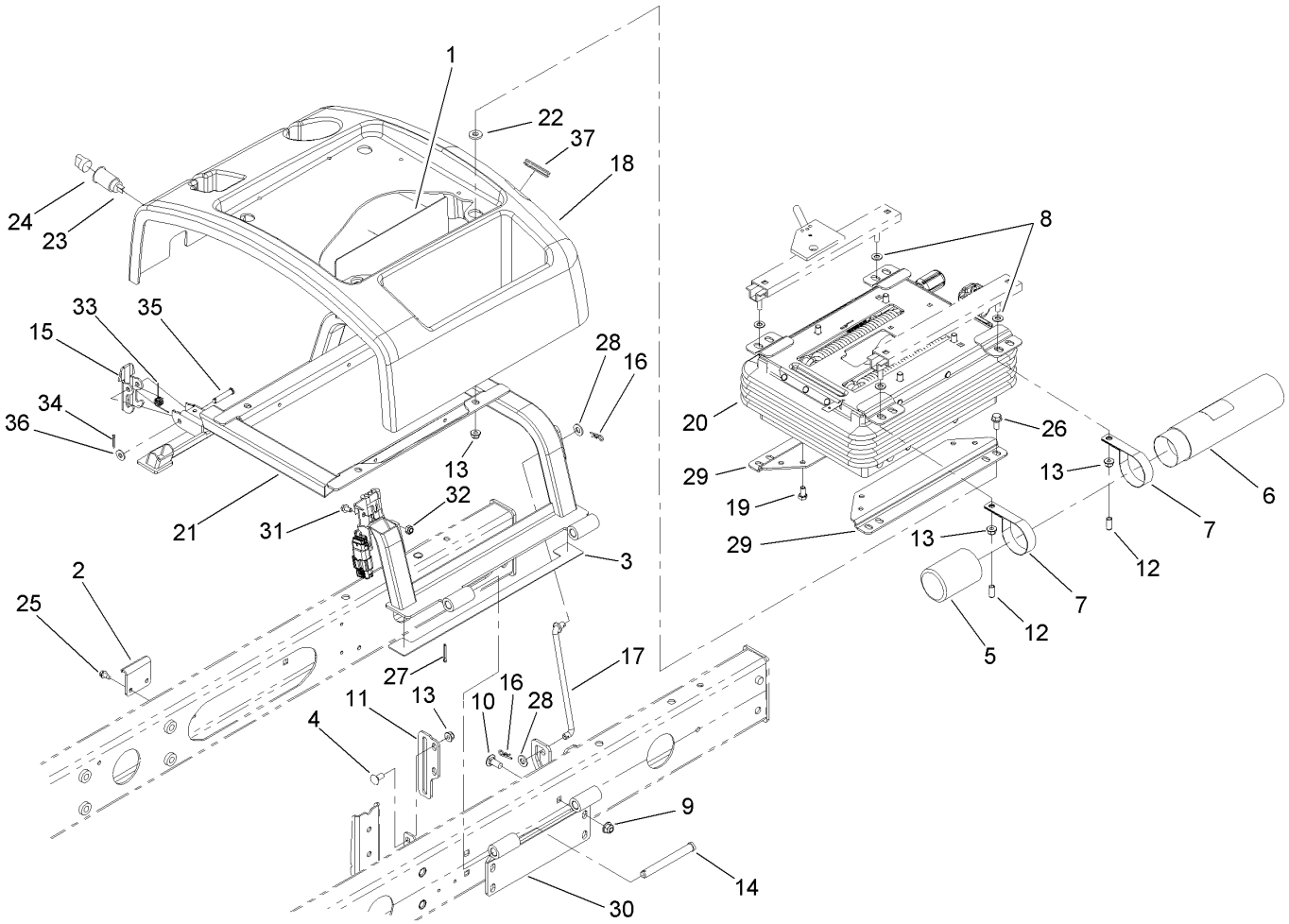
Ref.	Part Number	Qty.	Description
1	106-3712-03	1	Pedal-Brake
2	256-155	2	Bushing-Flange
3	104-7179	1	Pivot-Pedal
4	12-3270	1	Screw
5	99-7963-03	1	Pedal-Park
6	100-1270	1	Switch-Proximity
7	3229-34	1	Screw-CARR
8	3296-2	1	Nut-Lock, NI
9	110-0914	1	Rod-Pawl, Brake
10	3272-6	3	Pin-Cotter
11	3256-22	3	Washer-Flat
12	104-8301	1	Nut-HF, NI
13	99-7214	1	Pawl-Brake

Ref.	Part Number	Qty.	Description
14	3234-13	2	Screw-HHF
15	99-7140	1	Spring-Torsion
16	52-2891	2	Bushing-Flanged, Nylon
17	323-12	1	Screw-HH
18	106-3713	1	Detent
19	100-4872	1	Plate-Switch, Neutral
20	283-62	2	Pin-Clevis
21	3272-10	2	Pin-Cotter
22	106-3746	1	RH Brake Cable ASM
23	106-3747	1	LH Brake Cable ASM
24	302-60	1	Fitting-Grease
25	110-8982	1	Washer-Spring
26	110-9001	1	Spring-Torsion



Seat and Armrest Assembly

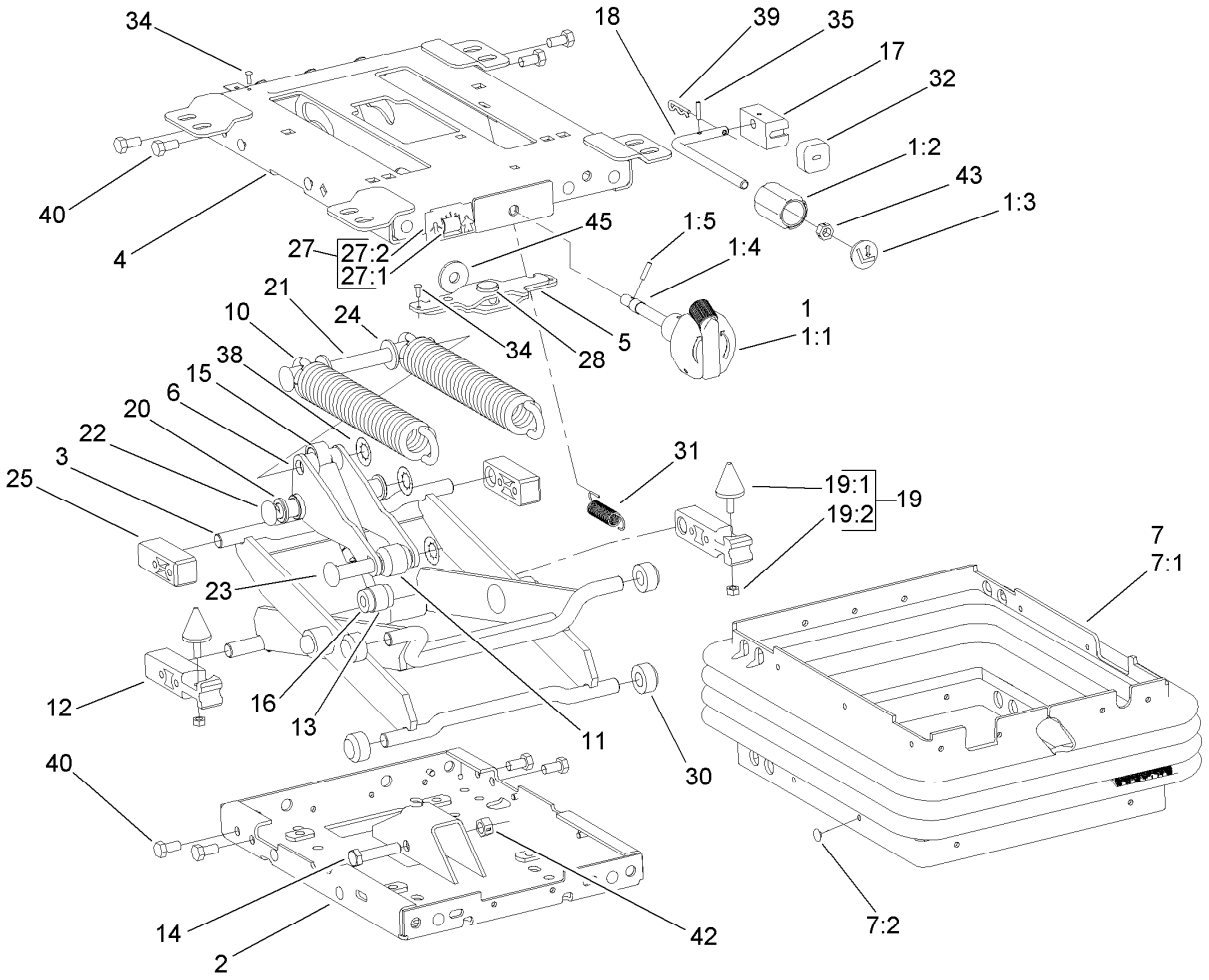
Ref.	*Part Number*	*Qty.*	*Description*
1	104-4620	1	Seat
2	108-7591-03	1	Mount-Seat / Control
3	110-0990	1	Decal-Service
4	3256-23	4	Washer-Plain
5	108-8657	1	Harness-Wire, Seat
6	92-6282	1	Switch-Seat
7	32144-10	2	Screw-HWH
8	69-0760	1	Bracket-Arm, LH
9	92-7301	1	Spacer
10	69-1180	1	Armrest
11	323-9	1	Screw-HH
12	32128-19	1	Nut-HF Lock,Large Flg
13	3256-24	1	Washer-Flat
14	3234-14	3	Screw-HHF
15	3274-12	4	Screw-HSH
16	92-8990	1	Adjuster-Seat, Non-Locking
17	92-8991	1	Adjuster (W/Latch)



Seat Base and Suspension Assembly

Ref.	Part Number	Qty.	Description
1	110-0996	1	Decal-Solenoid
2	110-8972	1	Hook-Latch
3	110-5255	2	Bumper-Base, Seat
4	3230-1	2	Bolt-CARR
5	104-7048	1	Cap-Housing
6	104-7050	1	Tube-Manual
7	2412-133	2	Clamp-R
8	3256-23	4	Washer-Plain
9	104-8301	4	Nut-HF, NI
10	3231-27	4	Screw-CARR
11	108-7584-01	1	Plate-Guide, Rod
12	94-2782	4	Cap-Wire, Lite
13	104-8300	10	Nut-HF, NI
14	93-5343	2	Pin-Clevis
15	110-8971	1	Latch
16	3290-307	4	Pin-Cotter
17	98-0917	2	Rod-Prop
18	108-1757	1	Cover-Seatbase
19	48-7680	4	Screw-HH

Ref.	Part Number	Qty.	Description
20	110-8851	1	Mechanical Suspension ASM
21	108-7577-03	1	Seat Base
22	71-9310	4	Spacer
23	99-7411	1	Point-Power
24	99-7416	1	Cap
25	32104-17	2	Screw-HWH
26	3234-17	4	Screw-HHF
27	3272-11	2	Pin-Cotter
28	3256-24	4	Washer-Flat
29	108-6590-03	2	Bracket-Seat, Lower
30	108-7582-03	1	Plate-Pivot
31	3234-13	1	Screw-HHF
32	3296-16	1	Nut-Lock, NI
33	104-4821	1	Spring-Torsion
34	3272-6	1	Pin-Cotter
35	94-3829	1	Pin-Clevis
36	3256-2	1	Washer-Flat
37	240-12	1	Grommet-Rubber

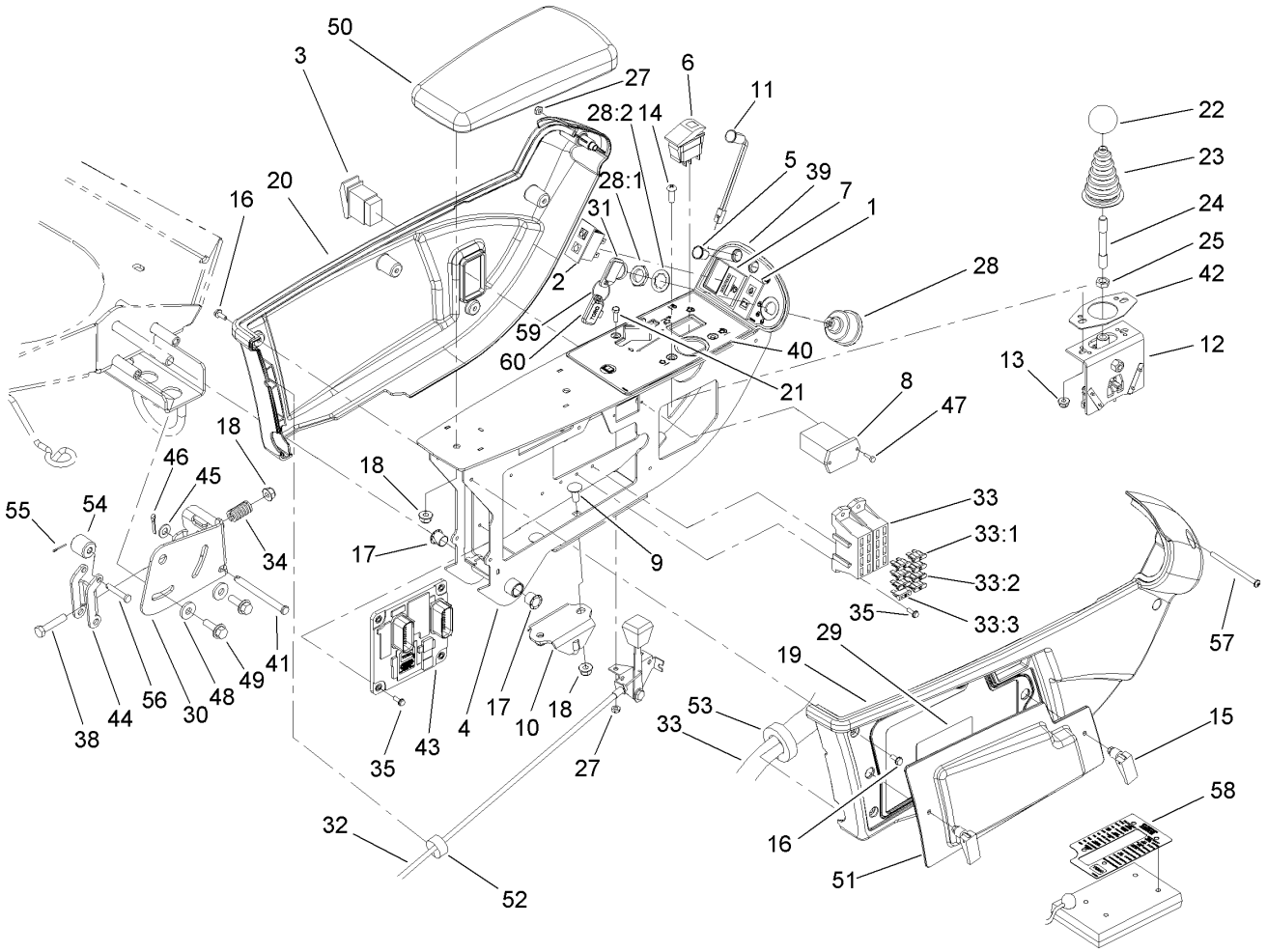


Mechanical Seat Suspension Assembly No. 110-8851

Ref.	Part Number	Qty.	Description
1	108-4583	1	Knob Service Kit
1:1		1	Knob-Weight, Adjust ●
1:2		1	Knob-Adjust, Height ●
1:3		1	Cap-Knob, Height Adjust ●
1:4		1	Spacer-Adjust, Weight ●
1:5		1	Pin-Roll ●
2		1	Housing-Lower ●
3		1	Scissors-Compact ●
4		1	Housing-Upper ●
5		1	Adjuster-Weight ●
6		1	Drive Arm ●
7	112-0164	1	Boot Kit
7:1		1	Boot-Suspension ●
7:2	108-9641	21	Clip-Plug
10		2	Spring-Extension ●
11		1	Guide-Roller ●
12		2	Block-Scissors Pivot, Side Mount ●
13	108-9614	1	Damper
14		1	Bolt-Shock, Lower ●
15		2	Bushing-Shock, Upper ●
16		2	Bushing-Shock, Lower ●
17		1	Block-Bumper, Up Stop ●
18		1	Rod-Adjust, Height ●

Ref.	Part Number	Qty.	Description
19	108-4585	2	Bumper Service Kit
19:1		2	Bumper-Stop ●
19:2		2	Nut ●
20	108-9622	2	Tube
21		1	Shaft-Spring ●
22		1	Pin-Pivot ●
23		1	Pin-Roller ●
24		2	Bushing-Spring ●
25		2	Block-Shaft ●
27	108-4584	1	Weight Indicator Service Kit
27:1		1	Tape-Weight Adjust ●
27:2		1	Guide-Weight Adjust ●
28		1	Nut-Adjust, Weight ●
30	108-9632	4	Roller
31	108-9633	1	Spring-Extension
32	108-9634	1	Bumper
34	3269-16	2	Rivet
35		1	Pin-Roll ●
38		3	Retainer ●
39	3272-9	1	Pin-Cotter
40		8	Screw-HWHTF ●
42	32152-2	1	Nut-Lock, Cone
43	32152-1	1	Nut-Lock, Cone
45	3256-24	1	Washer-Flat

● Not serviced separately

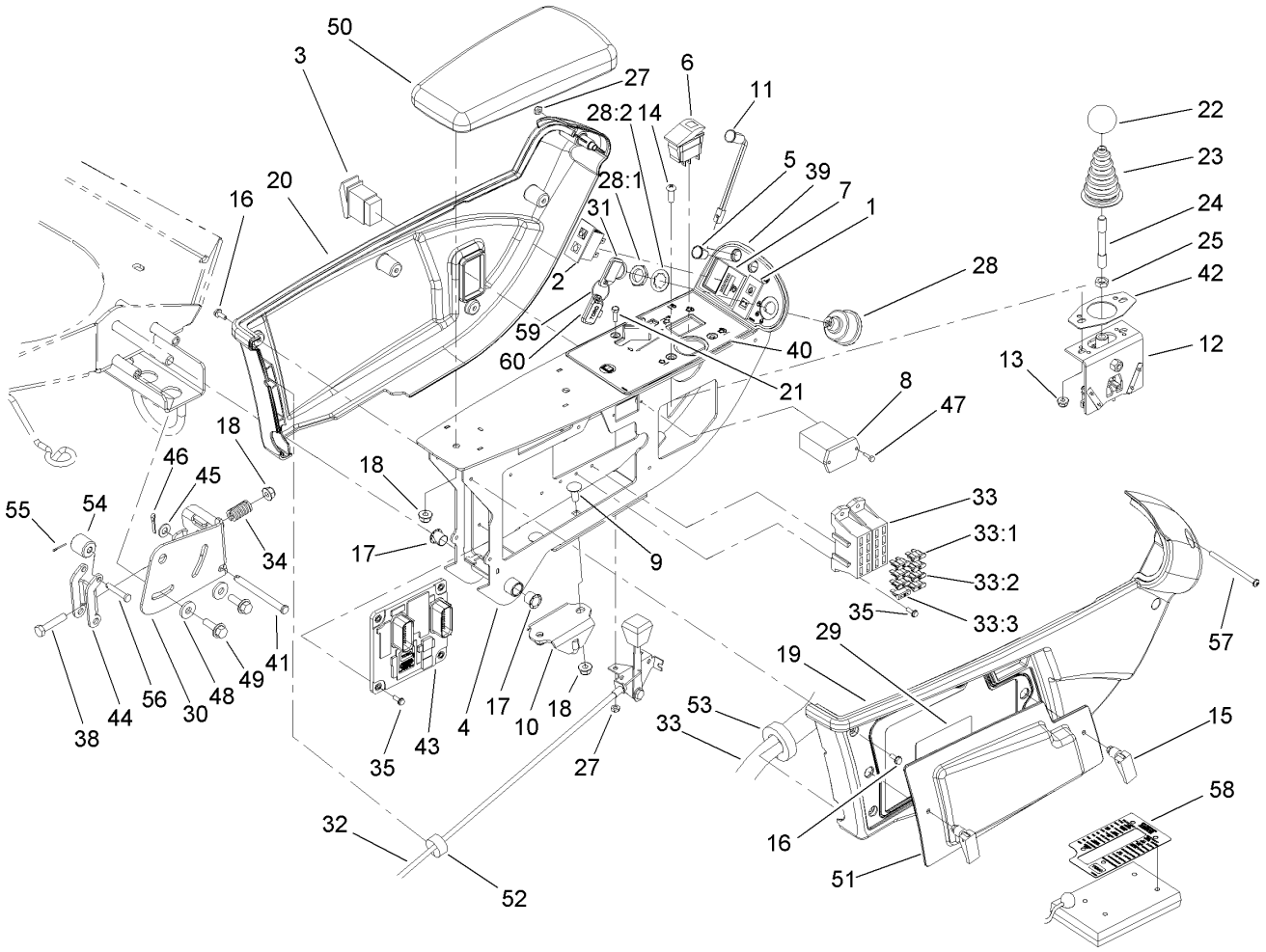


Console and Control Arm Assembly

Ref.	Part Number	Qty.	Description
1	100-8070	1	Lamp-Warning
2	100-8071	1	Lamp-Warning
3	95-8999	1	Switch
4	108-7599-03	1	Control Arm ASM
5	2410-64	1	Plug-Button
6	105-4232	1	Switch
7	110-0941	1	Gauge-Temperature
8	75-6820	1	Hourmeter
9	3230-23	2	Bolt-CARR
10	110-5340	1	Latch
11	95-7652	1	Light-Indicator
12	106-4167	1	Joystick Bracket ASM
13	104-7201	2	Nut-HF, NI
14	3258-166	2	Screw-PRH
15	74-5950	2	Latch-Swell
16	32144-112	10	Screw-HWH
17	256-257	2	Bushing-Nyliner
18	104-8300	4	Nut-HF, NI
19	108-7605	1	Cover-RH
20	108-7604	1	Cover-LH
21	3290-134	2	Screw
22	233-42	1	Knob
23	93-5961	1	Boot-Lever
24	105-8288	1	Rod-Joystick
25	3218-3	1	Nut-Jam

Ref.	Part Number	Qty.	Description
27	3296-12	2	Nut-Lock, NI
28	104-2541	1	Ignition Switch ASM
28:1	218-461	1	Nut-HH
28:2	3254-5	1	Washer-Lock
29	110-0989	1	Decal-Fuse
30	110-5313-03	1	Bracket-Retainer
31	63-8360	1	Key-Ignition
32	110-0913	1	Control-Throttle
33	106-3617	1	Harness-Wire, Seat
33:1	94-6710	1	Fuse-2 Amp
33:2	218-578	6	Fuse-Blade, 10 Amp
33:3	109355	1	Fuse-Blade, 15 Amp
33:4	85-4650	1	Connector ●
34	110-5331	1	Spring-Compression
35	32144-87	9	Screw-HWHTF
38	322-7	1	Screw-HH
39	110-0984	1	Decal-Console
40	110-0998	1	Decal-Panel, Control
41	283-88	1	Pin-Clevis
42	106-4188-03	1	Plate-Boot
43	110-0650	1	Module-Control, Electronic
44	110-5314	1	Latch
45	3256-23	1	Washer-Plain
46	3272-10	1	Pin-Cotter
47	32144-18	2	Screw-HWH

● Not illustrated

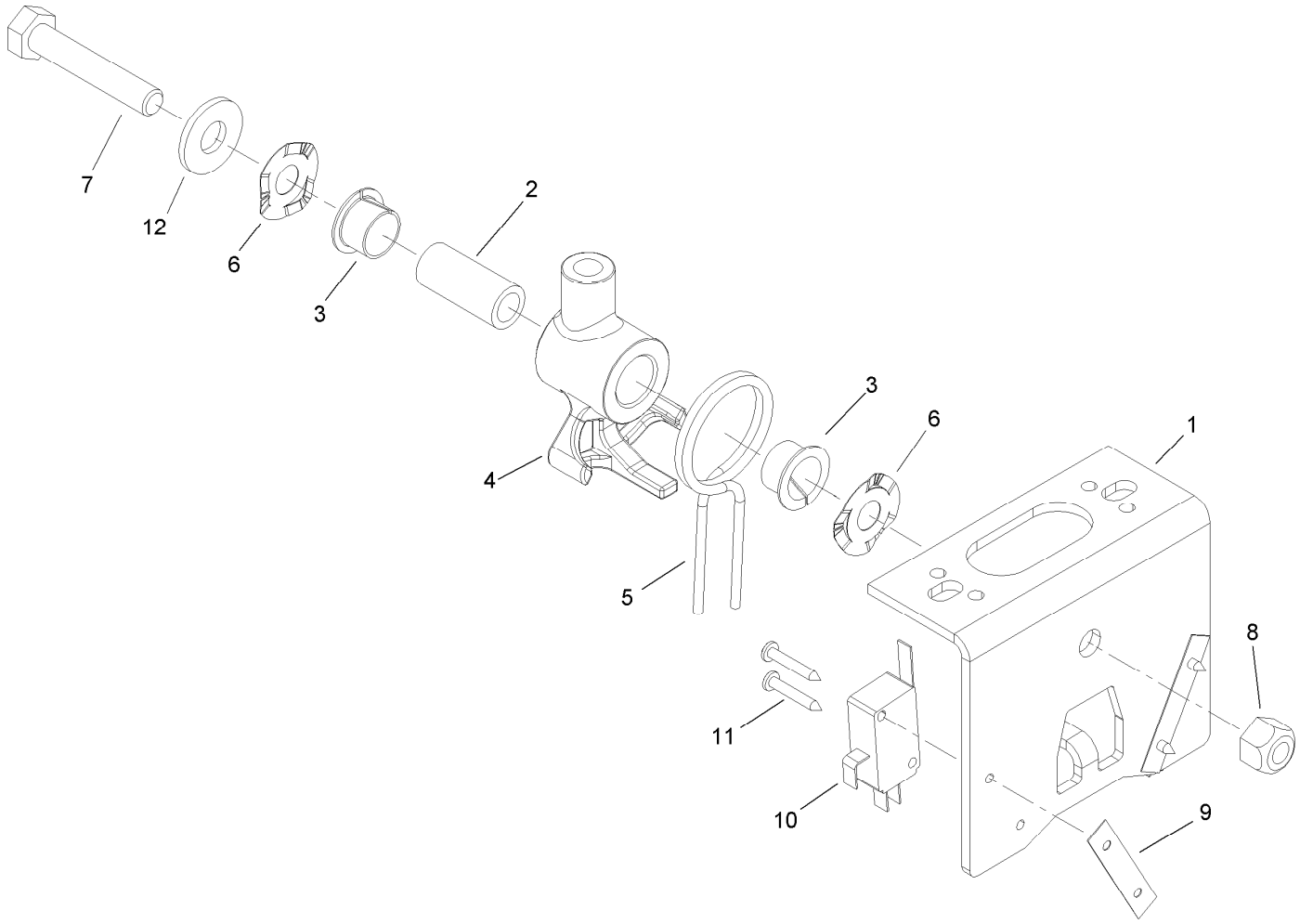


Console and Control Arm Assembly (continued)

Ref.	Part Number	Qty.	Description
48	4-2390	2	Washer-Flat
49	3234-29	2	Screw-HHF
50	108-7602	1	Rest-Arm
51	108-7616	1	Panel-Access
52	110-8911	1	Seal-Foam
53	110-8912	1	Seal-Foam
54	110-8856	1	Spacer

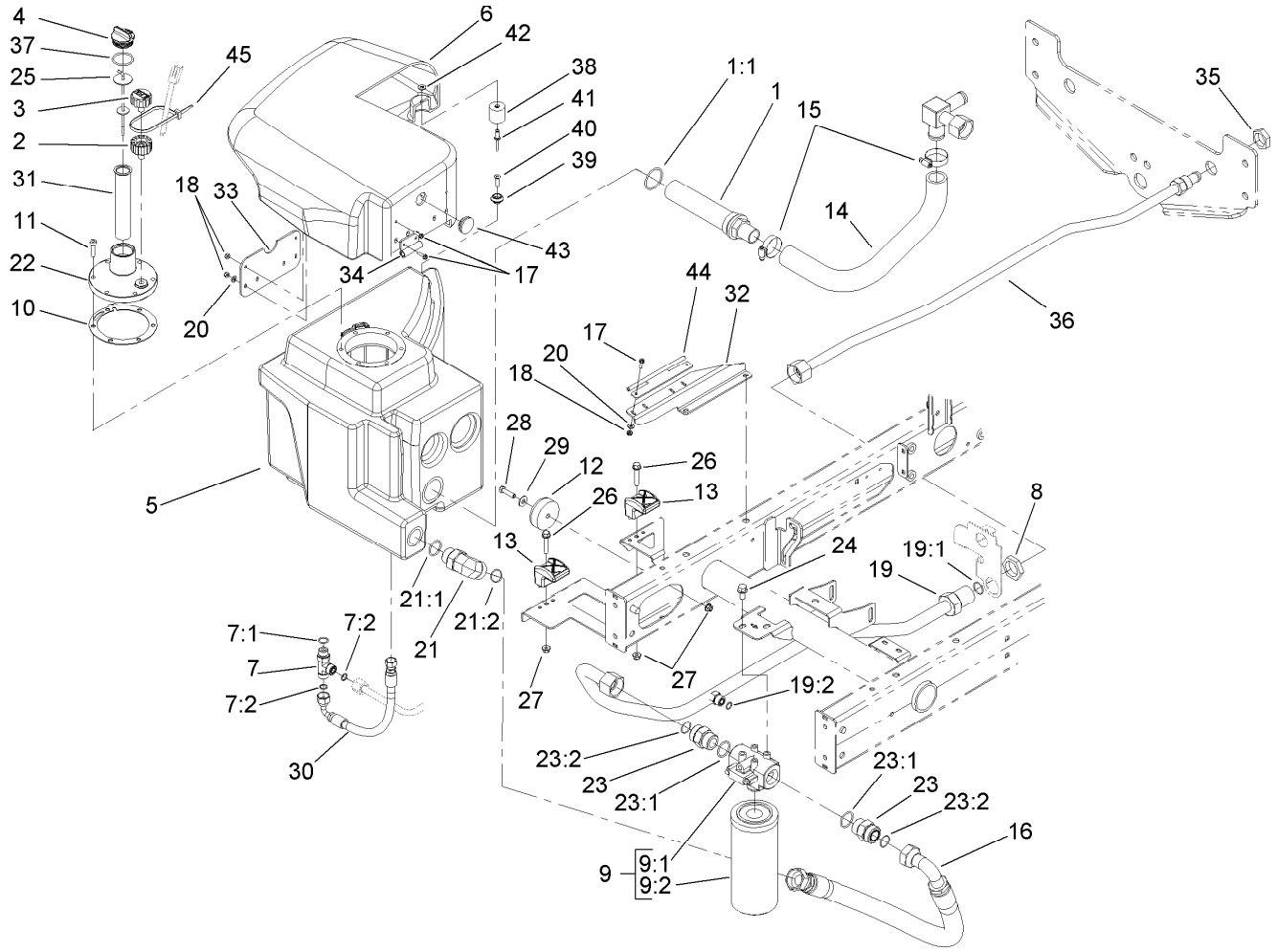
Ref.	Part Number	Qty.	Description
55	3272-1	1	Pin-Cotter
56	283-73	1	Pin-Clevis
57	95-6354	1	Screw
58	110-0666	1	Overlay-Diagnostics
59	98-9321	1	Ring-Key
60	99-8970	1	Key-Latch, Hood

● Not illustrated



Joystick Bracket Assembly No. 106-4167

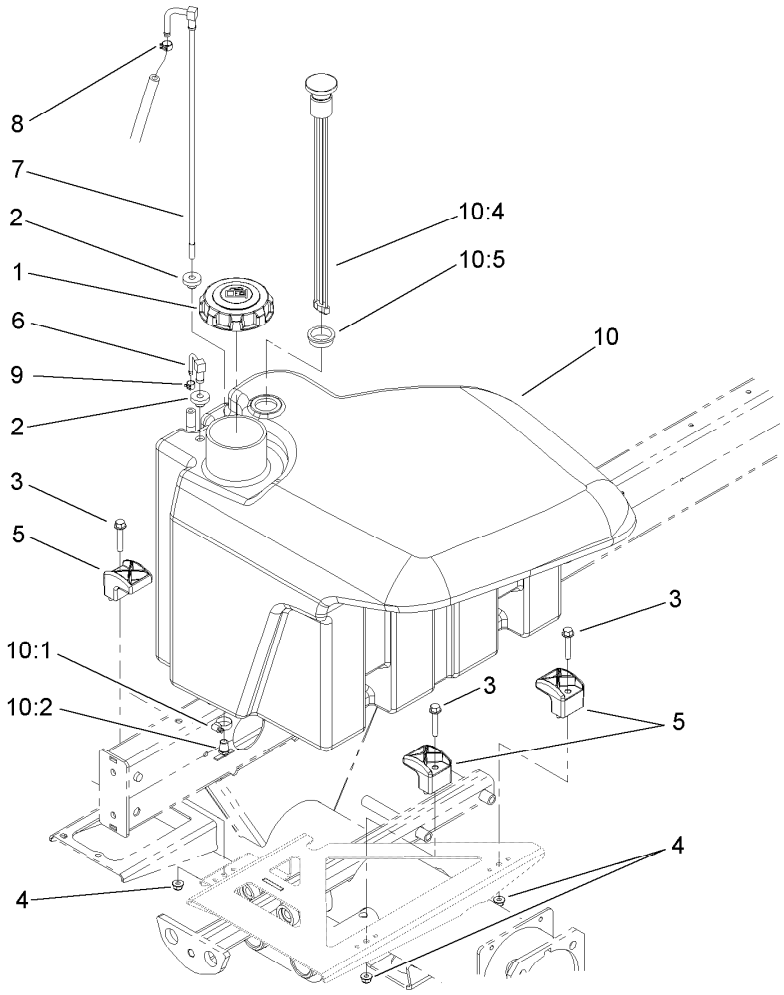
Ref.	*Part Number*	*Qty.*	*Description*
1	106-4168-03	1	Bracket-Joystick
2	106-4192	1	Spacer
3	93-5547	2	Bushing-Nylon
4	105-7507	1	Hub-Pivot, Joystick
5	105-8289	1	Spring-Torsion
6	106-4193	2	Washer-Finger, Spring
7	322-9	1	Screw-HH
8	3296-29	1	Nut-Lock, NI
9	3290-354	2	Nut-Speed
10	108-6496	2	Switch (W/Boot)
11	95-3003	4	Screw-PPHTF
12	3256-3	1	Washer-Flat



Hydraulic Tank Assembly

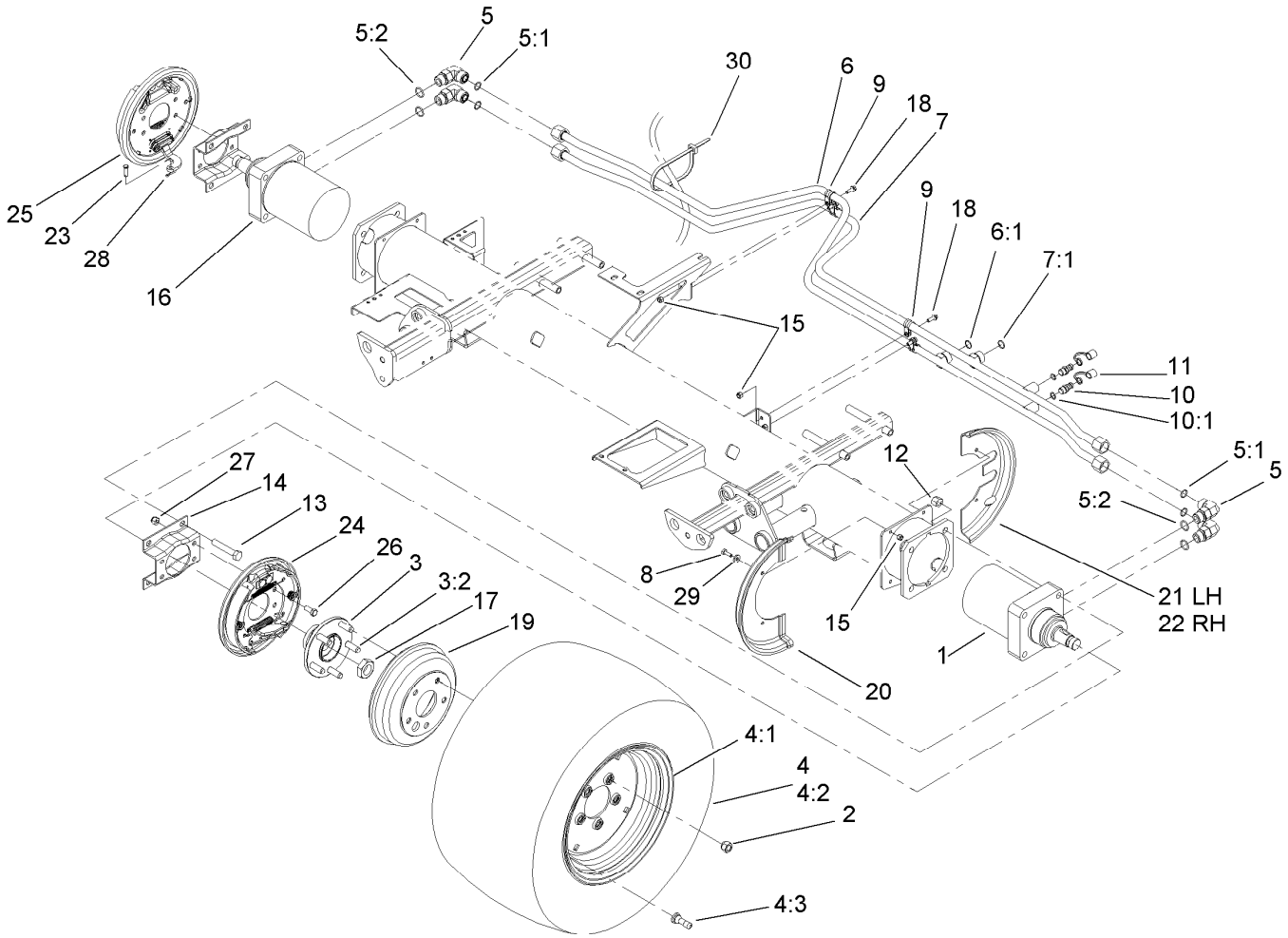
Ref.	Part Number	Qty.	Description
1	105-0131	1	Strainer-Tank, Oil
1:1	340-136	1	O-Ring
2	92-8020	1	Adapter-Breather
3	68-6150	1	Breather
4	93-7498	1	Plug-Plastic
5	107-4513	1	Tank-Oil
6	107-4545	1	Cover-Tank
7	340-109	1	Fitting-Tee
7:1	237-79	1	O-Ring
7:2	237-30	2	O-Ring
8	340-128	1	Nut-Bulkhead
9	98-3923	1	Oil Filter ASM
9:1	104-0080	1	Filter Head ASM
9:2	94-2621	1	Element-Filter
10	94-2660	1	Gasket-Flange
11	94-3559	6	Screw-HSH
12	108-1605	1	Bumper-Recess
13	107-4543	2	Clamp
14	108-1685	1	Hose-Formed
15	2412-111	2	Clamp-Hose, W/Liner
16	108-1689	1	Hose-HYD
17	32105-13	8	Screw-HWH
18	3296-2	8	Nut-Lock, NI
19	108-1699	1	Tube ASM
19:1	340-65	1	O-Ring
19:2	237-30	1	O-Ring
20	3256-14	6	Washer-Flat
21	340-129	1	Fitting-Elbow, 90 DEG

Ref.	Part Number	Qty.	Description
21:1	237-146	1	O-Ring
21:2	340-65	1	O-Ring
22	108-7641	1	Cap-Tank, HYD
23	104-3797	2	Fitting-Straight
23:1	237-146	1	O-Ring
23:2	340-65	1	O-Ring
24	3234-1	2	Screw-HHF
25	94-9411	1	Dipstick
26	94-5780	2	Screw-HWH
27	104-8300	3	Nut-HF, NI
28	322-6	1	Screw-HH
29	3256-3	1	Washer-Flat
30	108-8428	1	HYD Hose ASM
31	61-2790	1	Filter-Screen
32	108-1606-03	1	Bracket-Hinge
33	108-1607-03	1	Plate-Hinge
34	110-8925	2	Hinge ASM
35	340-126	1	Nut-Bulkhead
36	108-1691	1	Tube ASM
37	237-101	1	O-Ring
38	99-7830	1	Receptical-Rubber
39	99-7833	1	Post-Holding
40	32108-5	1	Screw-FH
41	3290-412	1	Rivet-Blind
42	3256-22	1	Washer-Flat
43	110-5333	1	Grommet-Plug
44	110-8928	1	Pin ASM
45	3290-378	1	Tie-Cable



Fuel Tank Assembly

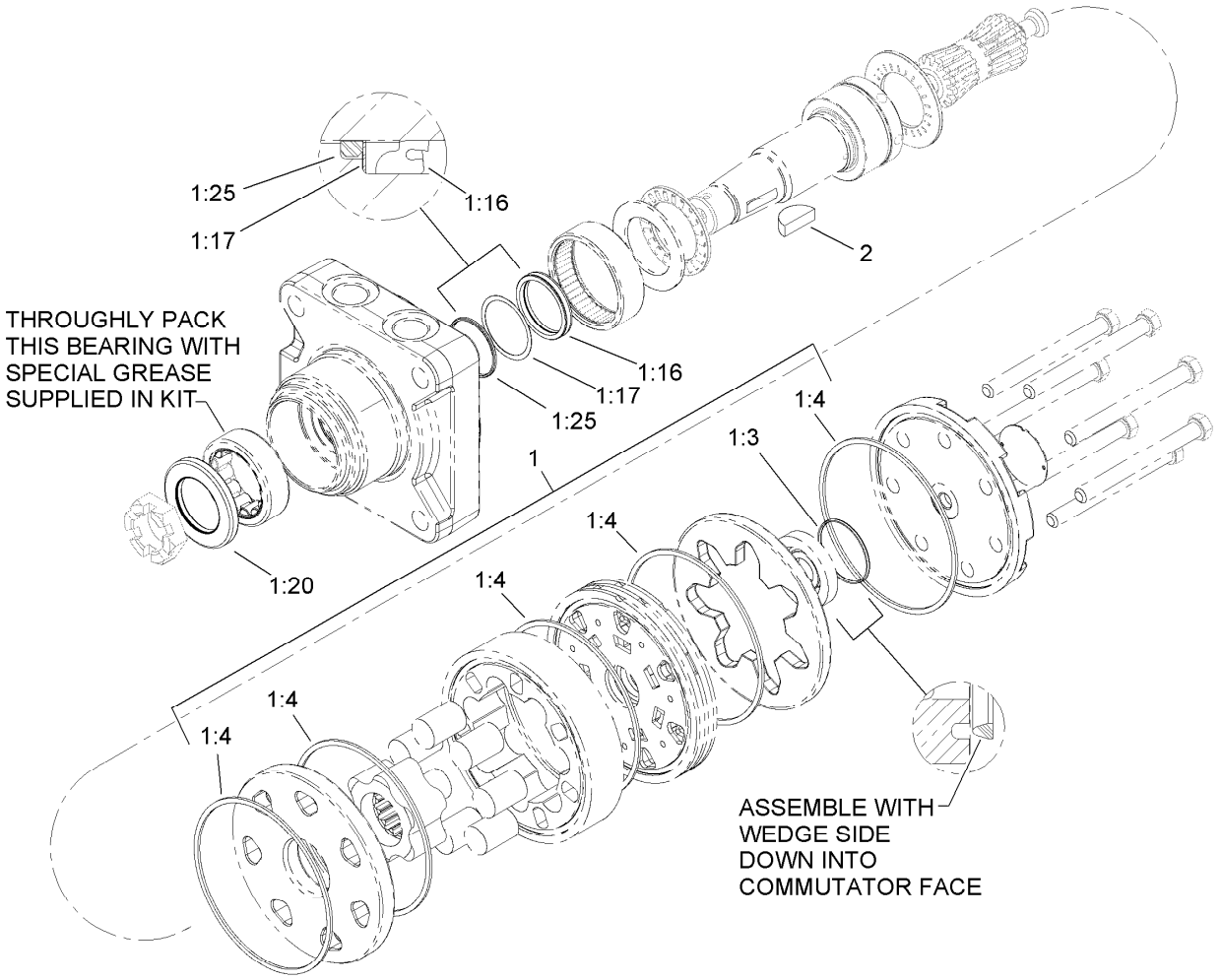
Ref.	*Part Number*	*Qty.*	*Description*
1	110-0897	1	Cap-Fuel, Diesel
2	46-6560	2	Bushing
3	94-5780	3	Screw-HWH
4	104-8300	3	Nut-HF, NI
5	107-4543	3	Clamp
6	108-1643	1	Fitting-Return
7	108-1642	1	Fitting-Suction
8	92-2379	1	Clamp-Hose
9	2412-146	1	Clamp-Hose
10	108-1842	1	Fuel Tank ASM
10:1	2412-36	1	Clamp-Hose
10:2	304-46	1	Draincock
10:4	108-1640	1	Gauge-Fuel
10:5	95-8972	1	Grommet



Front Wheel, Brake and Hydraulic Motor Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	106-3874	1	Hydraulic Motor ASM
2	242-50	10	Nut-Lug
3	106-3605	2	Hub ASM
3:2	10-6830	5	Stud-Type, Drive
4	108-1603	2	Wheel And Tire ASM
4:1	106-3842	1	Rim
4:2	98-2373	1	Tire-Ultra Trac
4:3	232-27	1	Stem-Valve
5	340-17	4	Fitting-Elbow, 90 DEG
5:1	237-65	1	O-Ring
5:2	237-80	1	O-Ring
6	108-7632	1	Tube ASM
6:1	237-65	1	O-Ring
7	108-7633	1	Tube ASM
7:1	237-65	1	O-Ring
8	321-4	8	Screw-HH
9	2412-134	4	Clamp-R
10	59-7410	2	Fitting-Diagnostic
10:1	237-42	1	O-Ring
11	354-79	2	Cap-Dust

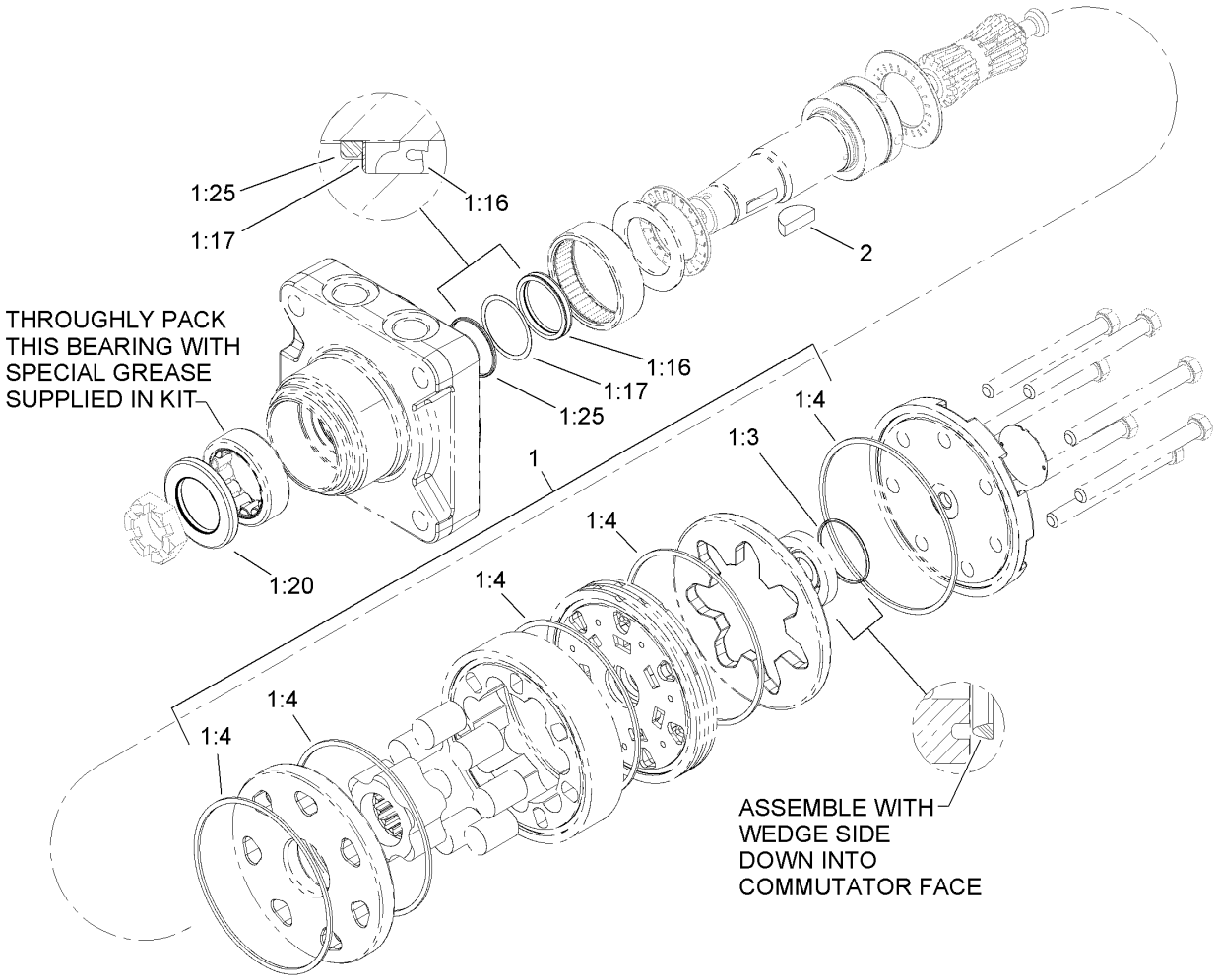
Ref.	*Part Number*	*Qty.*	*Description*
12	3296-23	8	Nut-Lock, NI
13	325-11	8	Screw-HH
14	110-5343-03	2	Bracket-Brake
15	3296-42	12	Nut-Lock, NI
16	106-3875	1	Hydraulic Motor ASM
17	26-3790	2	Nut-Lock
18	3234-4	4	Screw-HHF
19	108-6980	2	Drum-Brake, 8 Inch
20	110-0950	2	Shield-Wheel, Front
21	110-0951	1	Shield-Wheel, Rear (LH)
22	110-8878	1	Shield-Wheel, Rear (RH)
23	283-62	2	Pin-Clevis
24	110-8872	1	LH Brake ASM
25	110-8871	1	RH Brake ASM
26	323-5	8	Screw-HH
27	3296-39	8	Nut-Lock, NI
28	3272-10	2	Pin-Cotter
29	3256-67	8	Washer
30	3290-378	2	Tie-Cable



Hydraulic Motor Assembly No. 106-3874

Ref.	*Part Number*	*Qty.*	*Description*
1	110-8896	1	Seal Kit
1:3		1	Seal-Commutator, Vespel ●
1:4		6	Seal-Body, Buna ●
1:16		1	Seal-Shaft ●
1:17		1	Washer-Back Up ●
1:20		1	Seal-Dirt/Water ●
1:25		1	Ring-Back Up ●
2	3257-42	1	Key-Woodruff

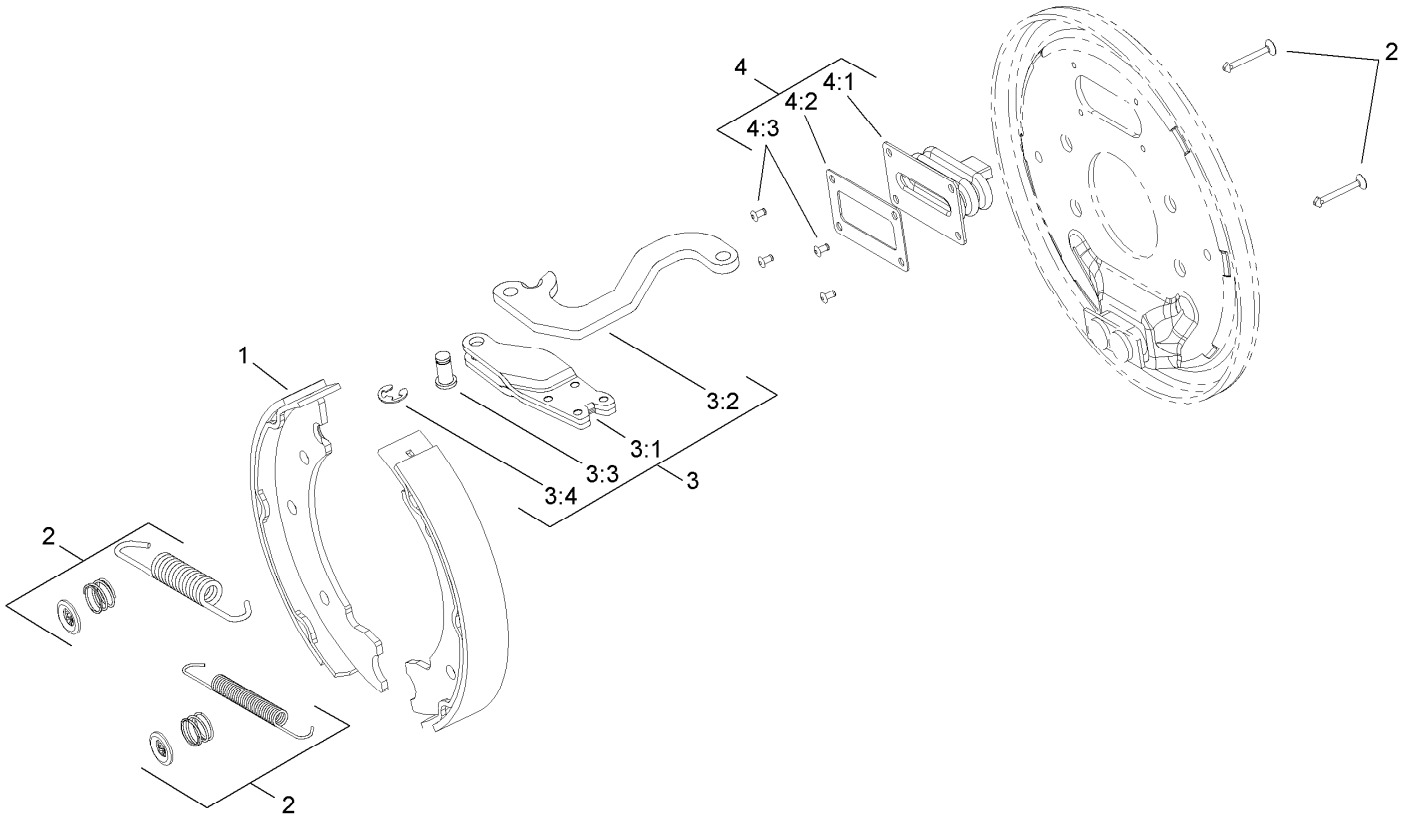
● Not serviced separately



Hydraulic Motor Assembly No. 106-3875

Ref.	*Part Number*	*Qty.*	*Description*
1	110-8896	1	Seal Kit
1:3		1	Seal-Commutator, Vespel ●
1:4		6	Seal-Body, Buna ●
1:16		1	Seal-Shaft ●
1:17		1	Washer-Back Up ●
1:20		1	Seal-Dirt/Water ●
1:25		1	Ring-Back Up ●
2	3257-42	1	Key-Woodruff

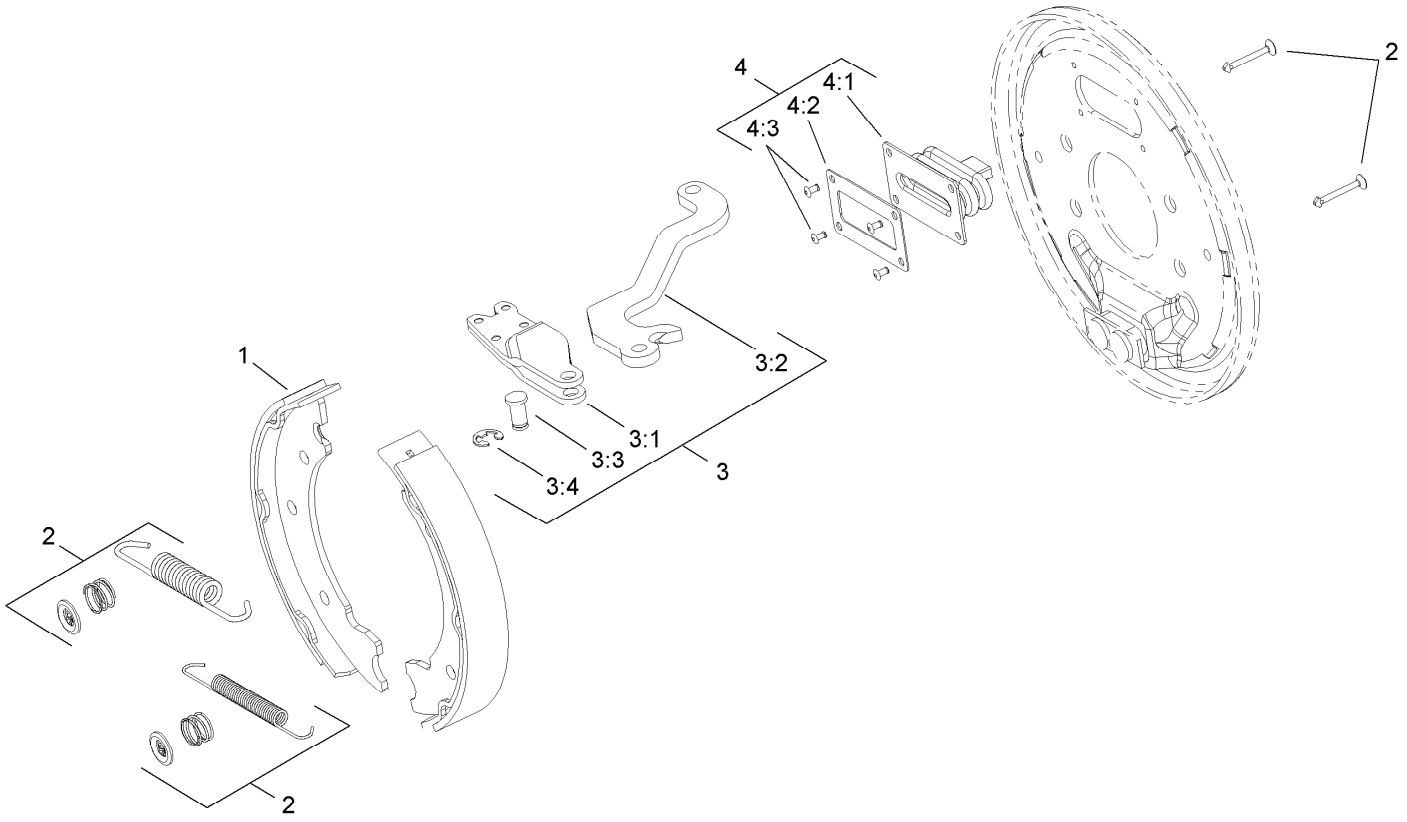
● Not serviced separately



LH Brake Assembly No. 110-8872

Ref.	*Part Number*	*Qty.*	*Description*
1	108-6981	1	Brake Shoe Kit
2	108-6983	1	Brake Hardware Kit
3	110-8910	1	LH Actuator Kit
3:1		1	Housing ●
3:2		1	Lever-LH ●
3:3		1	Pin-Pivot ●
3:4		1	E-Ring ●
4	110-8885	1	Dust Boot Kit
4:1		1	Boot ●
4:2		1	Plate-Back Up ●
4:3		2	Rivet ●

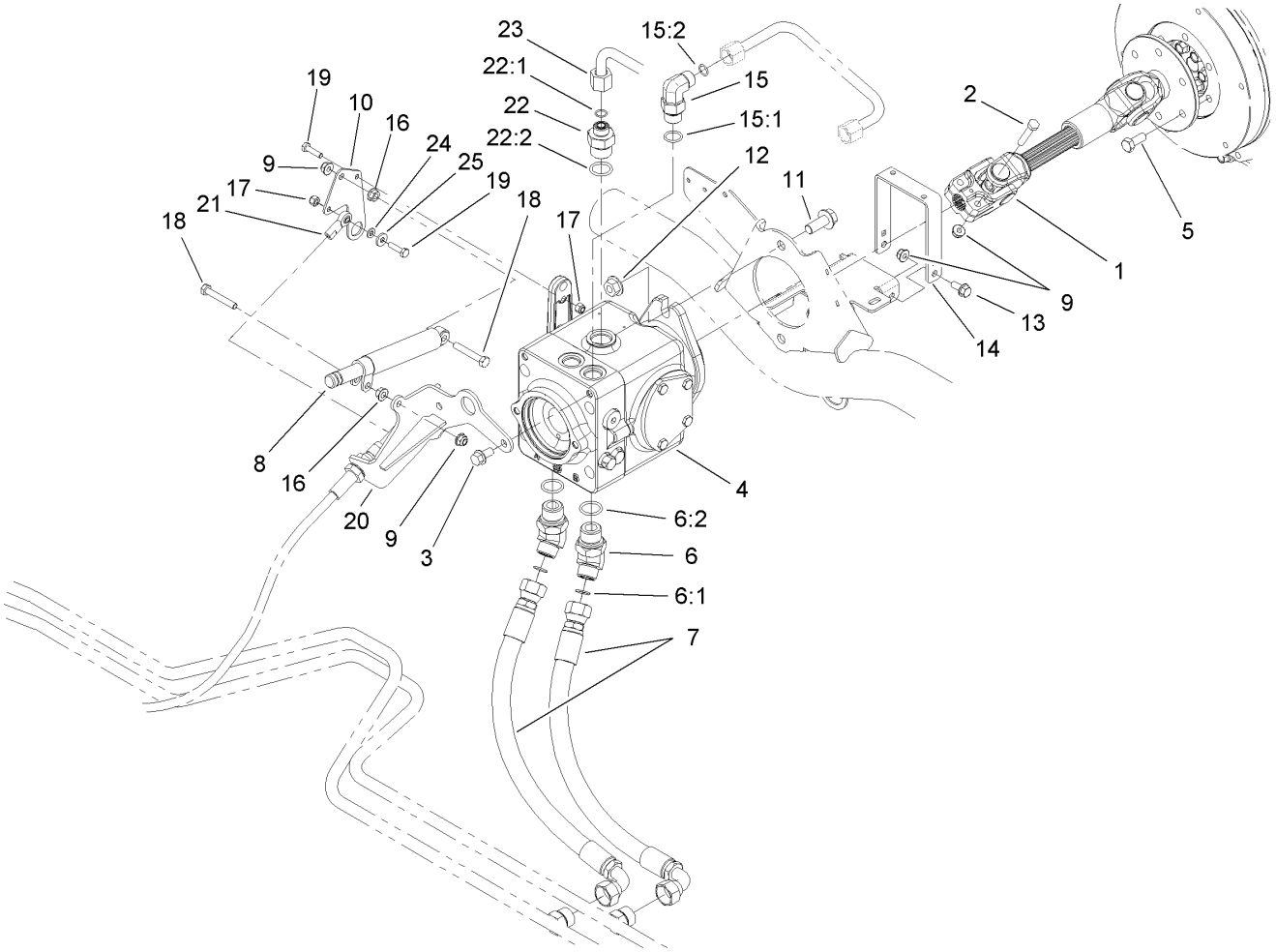
● Not serviced separately



RH Brake Assembly No. 110-8871

Ref.	*Part Number*	*Qty.*	*Description*
1	108-6981	1	Brake Shoe Kit
2	108-6983	1	Brake Hardware Kit
3	110-8884	1	RH Actuator Kit
3:1		1	Housing ●
3:2		1	Lever-RH ●
3:3		1	Pin-Pivot ●
3:4		1	E-Ring ●
4	110-8885	1	Dust Boot Kit
4:1		1	Boot ●
4:2		1	Plate-Back Up ●
4:3		2	Rivet ●

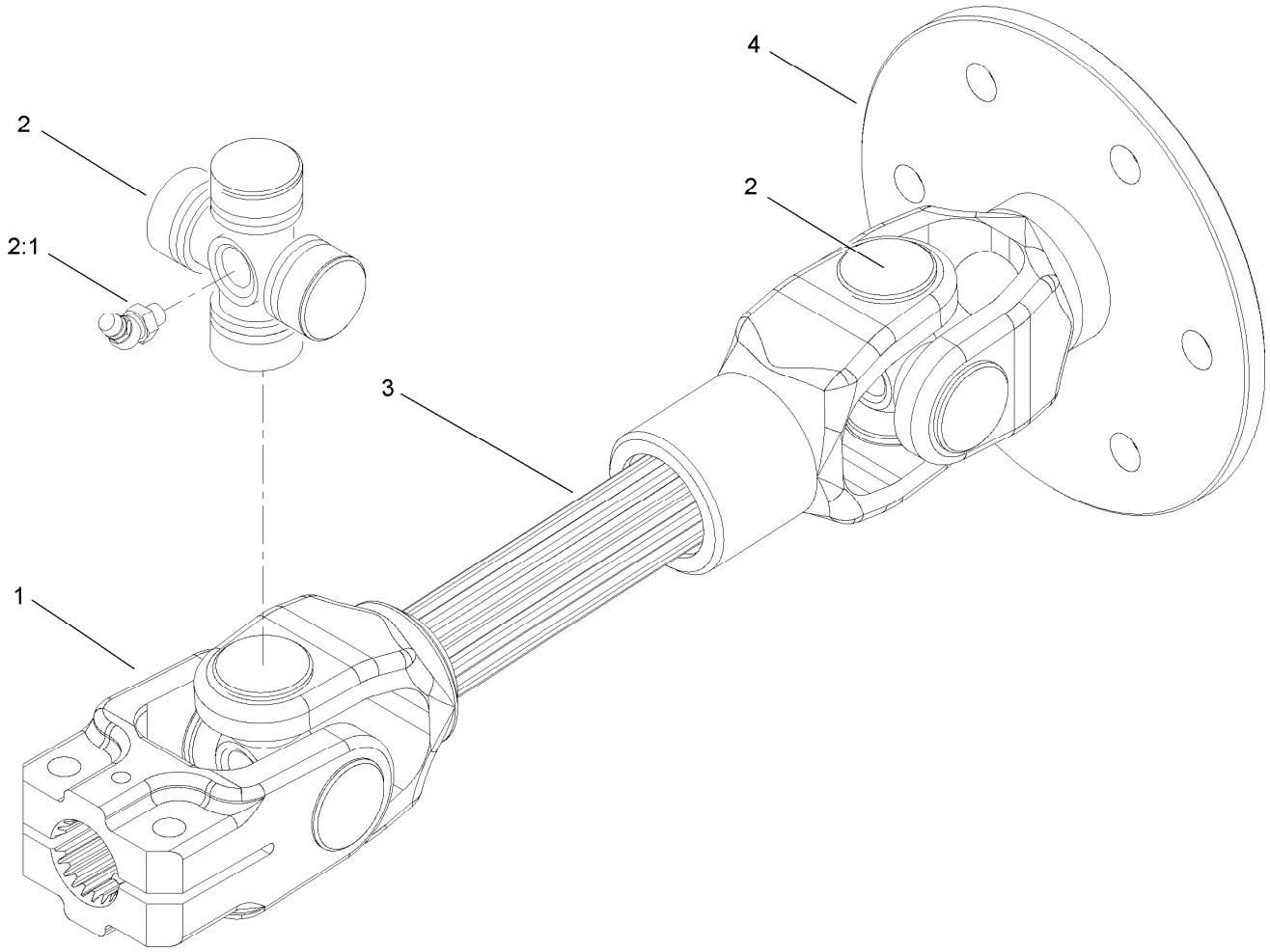
● Not serviced separately



Driveshaft and Variable Pump Hydraulic Fitting Assembly

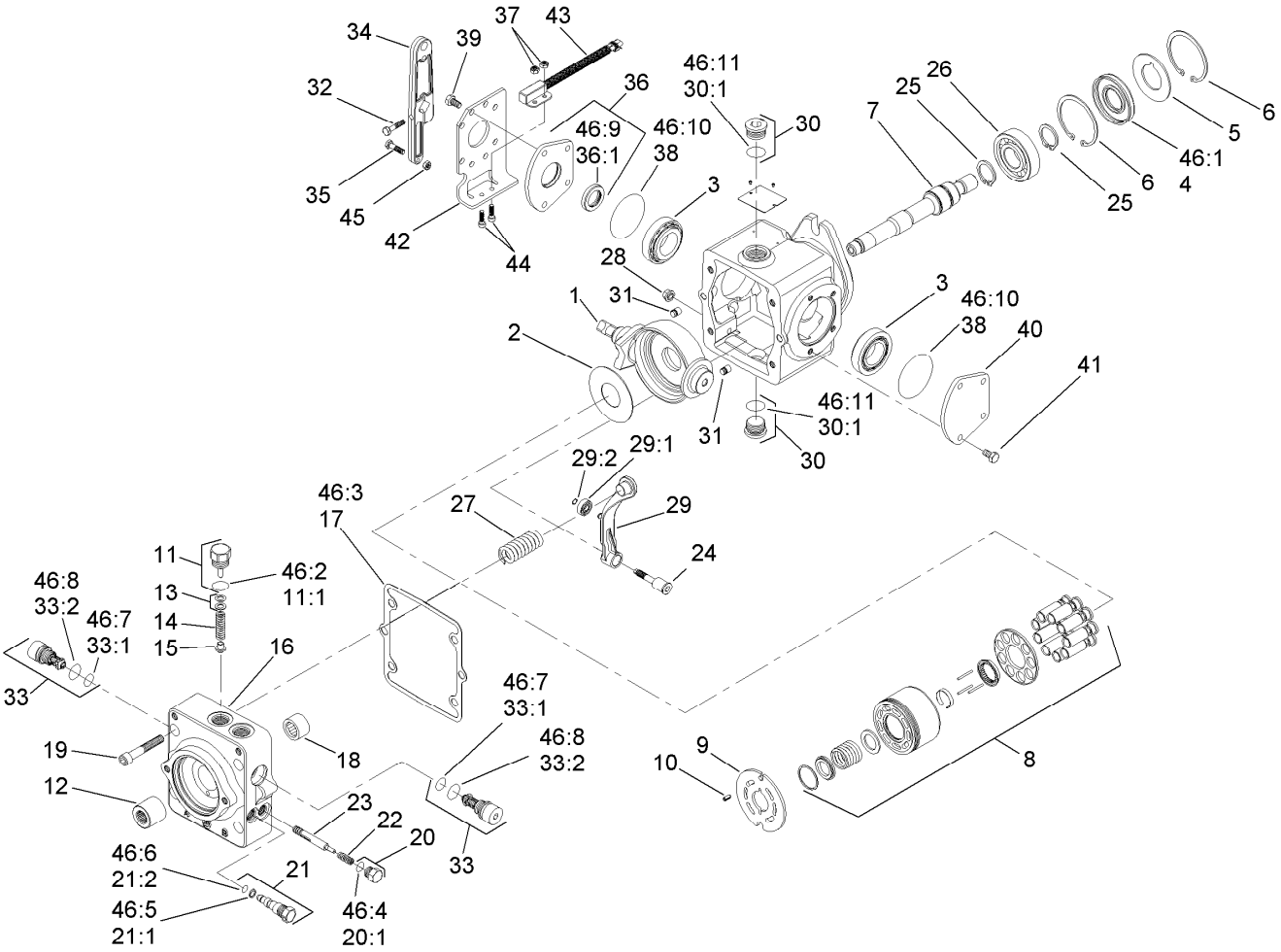
Ref.	*Part Number*	*Qty.*	*Description*
1	108-1641	1	Driveshaft ASM
2	322-9	2	Screw-HH
3	3234-1	2	Screw-HHF
4	107-4470	1	Variable Pump ASM
5	43-0090	6	Screw-HH
6	340-156	2	Fitting-Elbow 45
6:1	237-65	1	O-Ring
6:2	237-81	1	O-Ring
7	108-1679	2	Hose-HYD
8	76-8870	1	Damper-Lever
9	104-8300	6	Nut-HF, NI
10	108-7639-03	1	Plate
11	3234-32	2	Screw-HHF
12	32128-49	2	Nut-HHF
13	3234-5	2	Screw-HHF
14	108-1799-03	1	Hoop-Guard

Ref.	*Part Number*	*Qty.*	*Description*
15	340-105	1	Fitting-Elbow, 90 DEG
15:1	237-80	1	O-Ring
15:2	237-30	1	O-Ring
16	32128-20	2	Nut-HF
17	3296-42	2	Nut-Lock, NI
18	322-10	2	Screw-HH
19	321-6	2	Screw-HH
20	110-5323-03	1	Bracket
21	2411-41	1	Rod End-Ball Joint
22	100-4240	1	Fitting-STR
22:1	237-30	1	O-Ring
22:2	237-81	1	O-Ring
23	110-8915	1	HYD Tube ASM
24	33093-00	1	Washer-Flat
25	3256-22	1	Washer-Flat



Driveshaft Assembly No. 108-1641

Ref.	*Part Number*	*Qty.*	*Description*
1	54-9040	1	Yoke-End
2	54-9180	2	U-Joint Kit
2:1	62-3820	1	Fitting-Grease
3	108-4574	1	Joint And Shaft ASM
4	108-4575	1	Joint And Yoke ASM

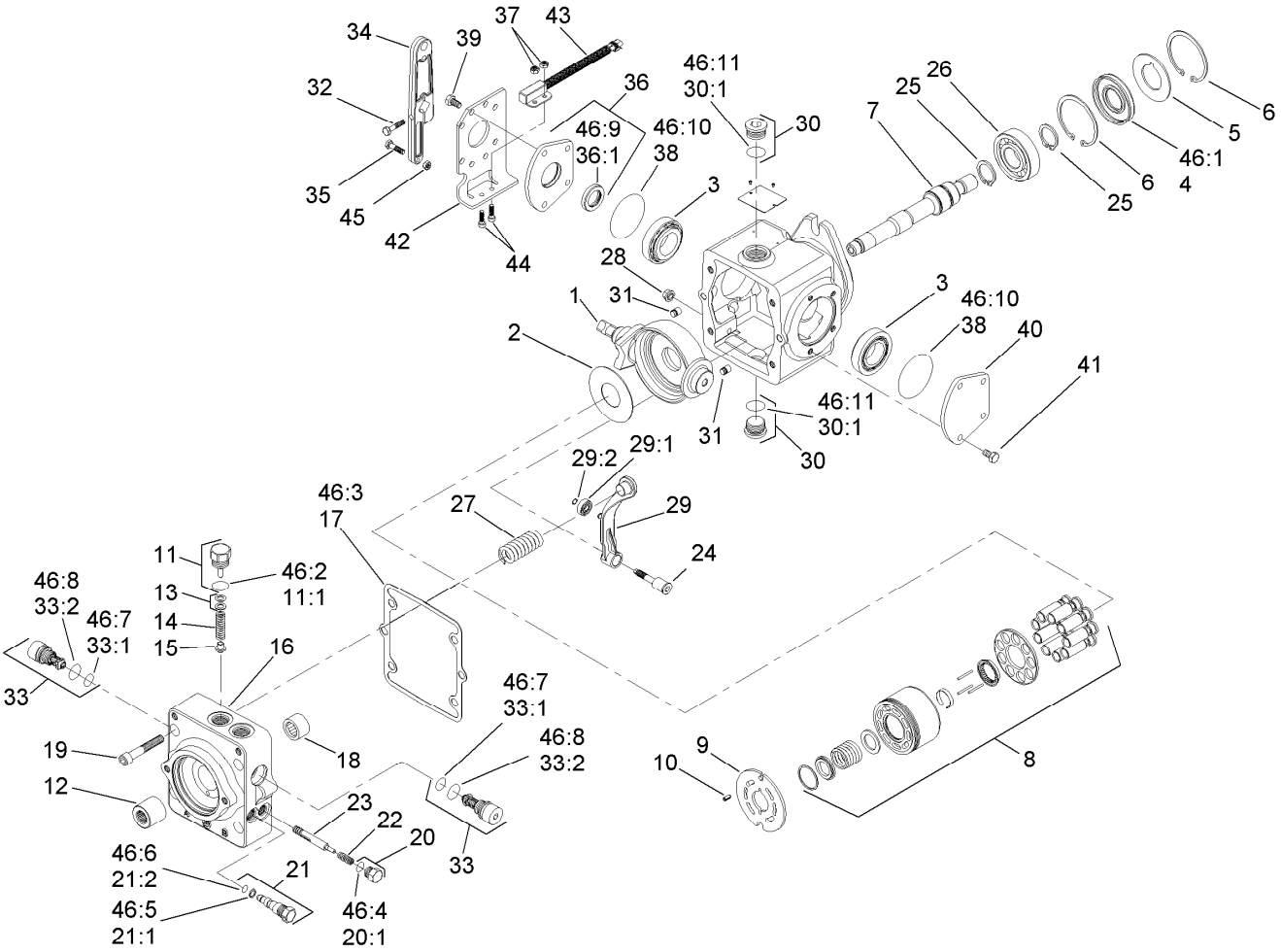


Variable Pump Assembly No. 107-4470

Ref.	Part Number	Qty.	Description
1	110-6482	1	Swashplate
2	75-0400	1	Plate-Thrust
3	110-6483	2	Bearing Kit
4	110-6471	1	Seal-Lip
5	95-4400	1	Washer-Backup
6	69-3200	2	Ring-Retaining
7	110-6484	1	Shaft-Auxiliary
8	110-6472	1	Cylinder Block Kit ASM
9	110-6473	1	Plate-Valve (Clockwise)
10	110-6485	1	Pin-Slotted
11	110-6486	1	Plug-Relief, Charge
11:1	28-3570	1	O-Ring
12	110-6480	1	Coupling
13	92-1353	1	Shim Kit
14	110-6474	1	Spring
15	110-6475	1	Poppet
16	110-6487	1	Cap-End
17	110-6476	1	Gasket-Cap, End
18	75-0500	1	Bearing-Needle
19	110-6489	4	Screw
20	94-9415	2	Plug ASM
20:1		1	O-Ring ●
21	107-4364	1	Bypass Valve ASM
21:1	25-2630	1	Ring-Back Up
21:2	110-6498	1	O-Ring

Ref.	Part Number	Qty.	Description
22	110-6491	2	Spring
23	110-6492	1	Spool-Loop, Flush
24	110-6493	1	Pivot-Return, Neutral
25	69-3170	2	Ring-Retaining
26	75-0460	1	Bearing-Ball
27	110-6495	1	Spring-Return, Neutral
28	110-6496	1	Nut-Seal
29	110-6497	1	Neutral Return Arm ASM
29:1	110-6494	1	Bearing-Cam
29:2	110-3056	1	Ring-Retaining
30	69-3130	2	Plug
30:1		1	O-Ring ●
31	112-0158	2	Pin
32	112-0157	1	Screw
33	110-6477	2	Valve-Relief
33:1	75-0240	1	O-Ring
33:2	84-0560	1	O-Ring
34	112-0156	1	Arm-Control
35	112-0155	1	Screw
36	110-6499	1	Trunnion Cover ASM
36:1	110-6478	1	Seal-Lip
37	94-3936	2	Nut-Lock, Hex
38	84-0430	2	O-Ring
39	112-0150	4	Screw
40	84-0440	1	Cover-Trunnion

● Not serviced separately

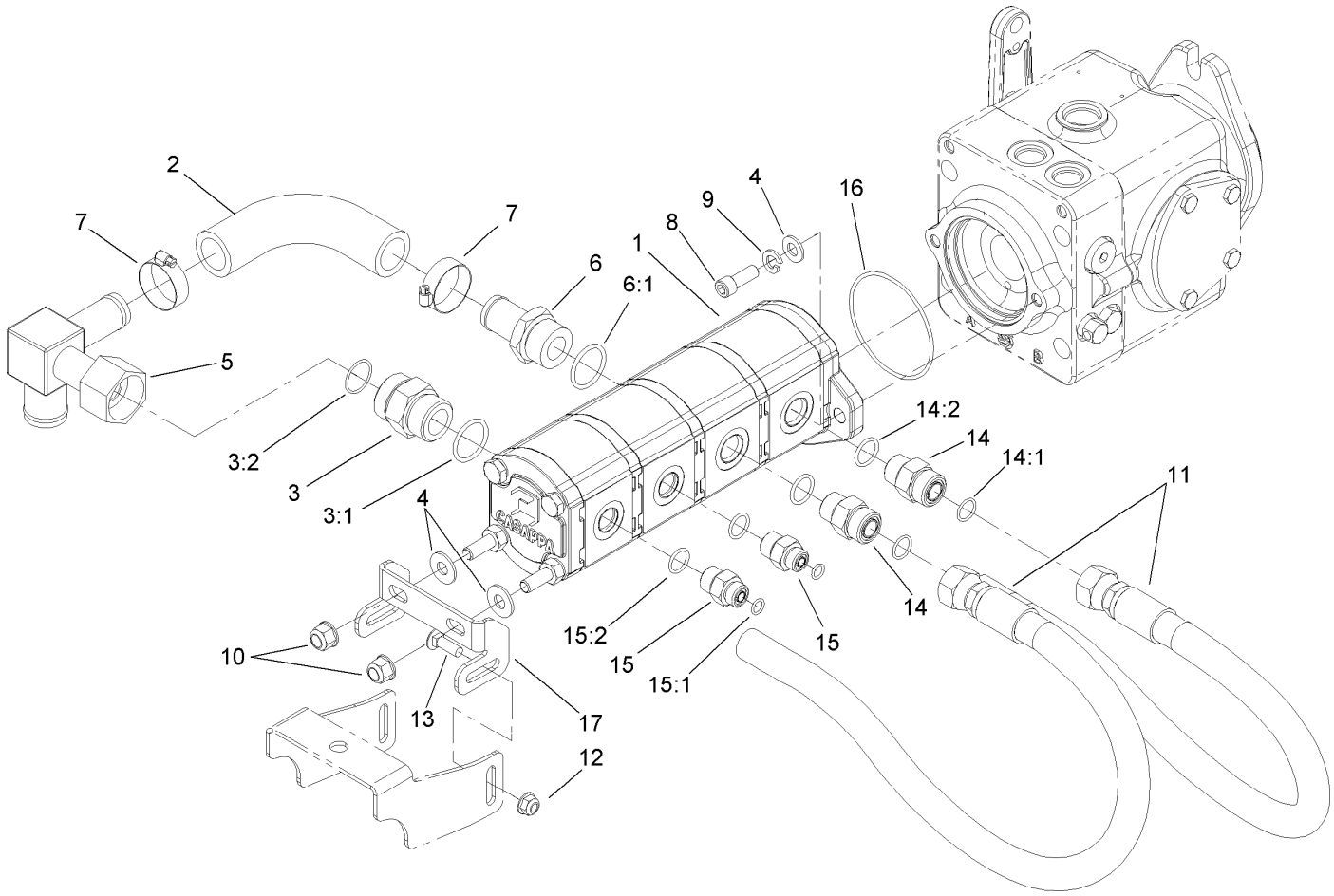


Variable Pump Assembly No. 107-4470 (continued)

Ref.	Part Number	Qty.	Description
41	112-0151	4	Screw
42	112-0152	1	Bracket-Switch, Neutral Start
43	100-1270	1	Switch-Proximity
44	112-0153	2	Screw
45	112-0154	1	Nut-Lock
46	110-6481	1	Seal Kit
46:1	110-6471	1	Seal-Lip
46:2	28-3570	1	O-Ring

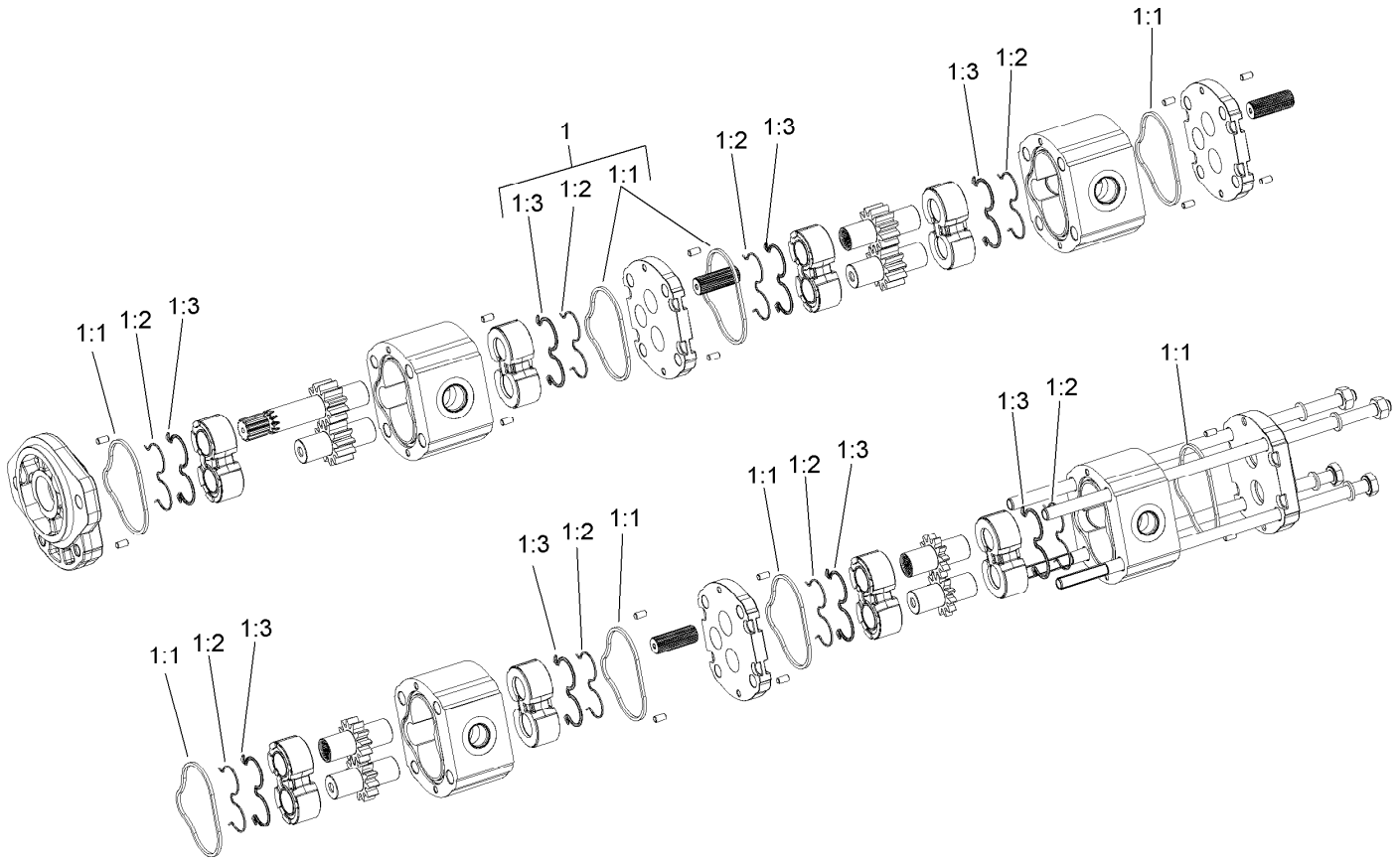
Ref.	Part Number	Qty.	Description
46:3	110-6476	1	Gasket-Cap, End
46:4		1	O-Ring ●
46:5	25-2630	1	Ring-Back Up
46:6	110-6498	1	O-Ring
46:7	75-0240	2	O-Ring
46:8	84-0560	2	O-Ring
46:9	110-6478	1	Seal-Lip
46:10	84-0430	2	O-Ring
46:11		2	O-Ring ●

● Not serviced separately



Gear Pump Hydraulic Plumbing Assembly

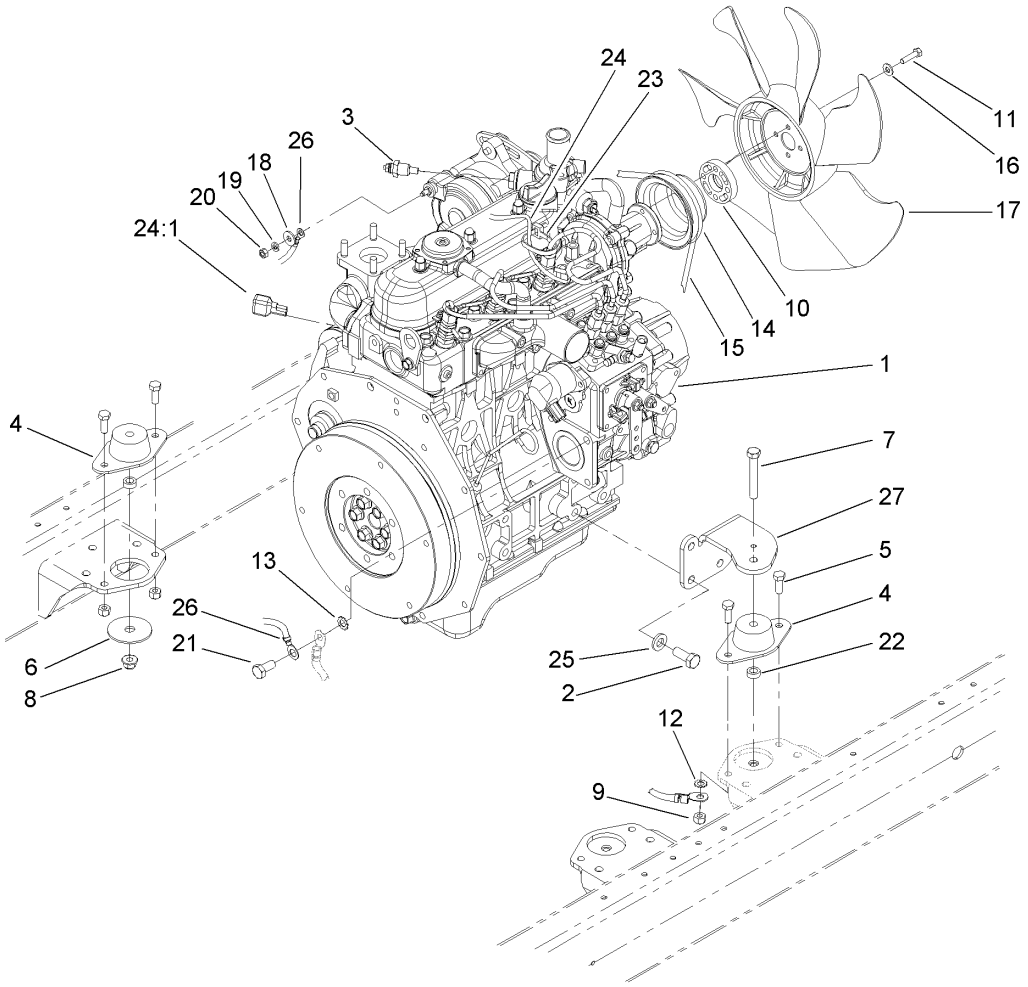
Ref.	*Part Number*	*Qty.*	*Description*
1	107-4547	1	Gear Pump ASM
2	108-1683	1	Hose-Formed
3	104-3797	1	Fitting-Straight
3:1	237-146	1	O-Ring
3:2	340-65	1	O-Ring
4	3256-24	4	Washer-Flat
5	108-1672	1	Manifold-Tube
6	354-78	1	Fitting-STR
6:1	237-146	1	O-Ring
7	2412-34	2	Clamp-Hose
8	3274-1	2	Screw-HSH
9	3253-5	2	Washer-Lock
10	103-9511	2	Nut-Lock, NI
11	108-1686	2	Hose-HYD
12	104-8300	2	Nut-HF, NI
13	3230-1	2	Bolt-CARR
14	340-7	2	Fitting-Straight
14:1	237-65	1	O-Ring
14:2	237-80	1	O-Ring
15	340-3	2	Fitting-Straight
15:1	237-22	1	O-Ring
15:2	237-79	1	O-Ring
16	237-161	1	O-Ring
17	108-1801-01	1	Bracket-Support, Pump



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 ●

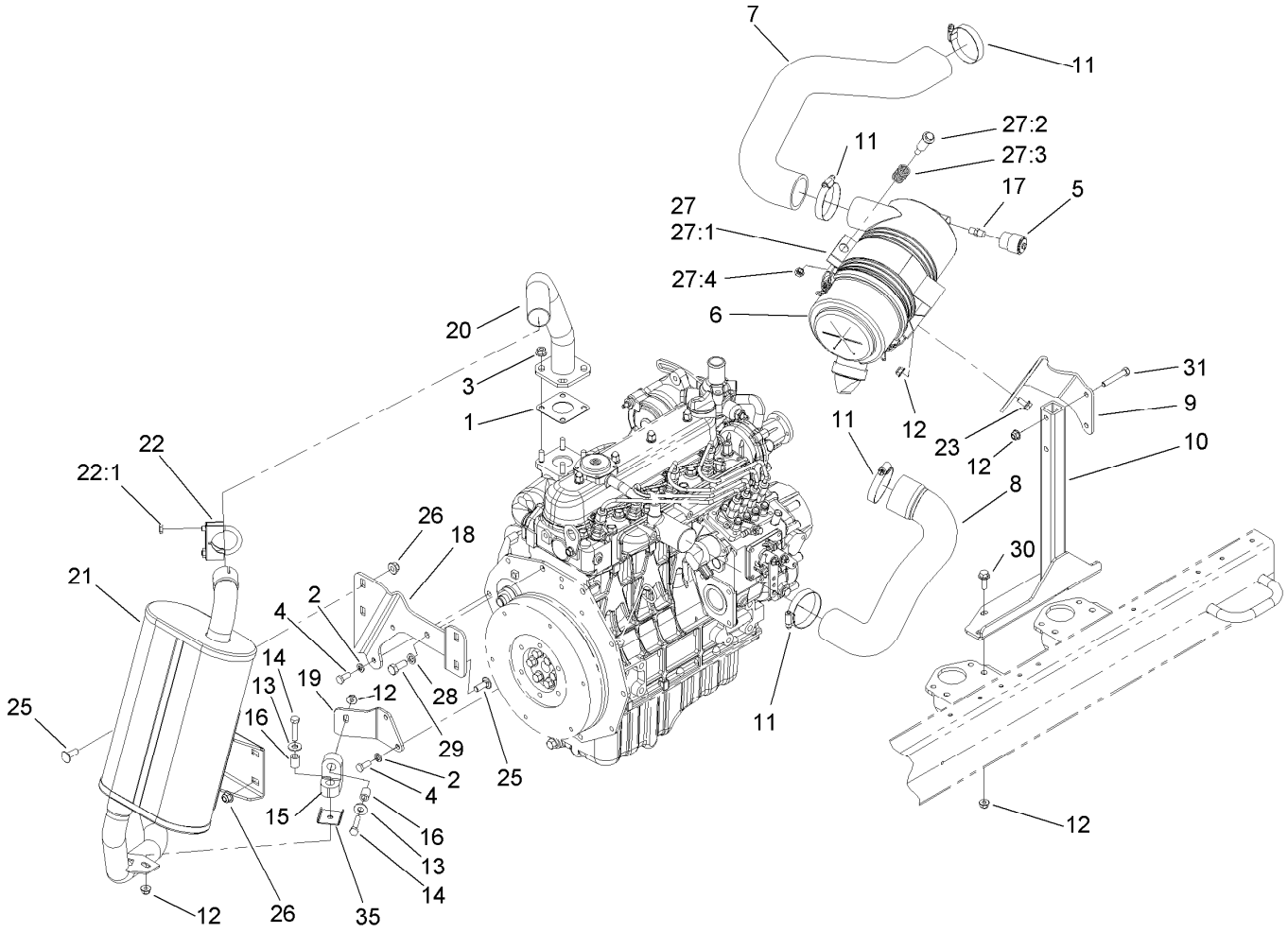
● Not serviced separately



Engine Mounting and Electrical Assembly

Ref.	Part Number	Qty.	Description
1	107-4542	1	Engine ASM
2	43-0090	12	Screw-HH
3	98-9346	1	Sender-Temperature
4	83-1030	4	Mount-Engine
5	322-4	8	Screw-HH
6	87-5100	4	Washer-Snubbing
7	323-12	4	Screw-HH
8	104-8301	4	Nut-HF, NI
9	3296-29	8	Nut-Lock, NI
10	104-4247	1	Spacer-Fan
11	33113-025	4	Screw-HH
12	3255-8	1	Washer-Lock
13	3255-9	1	Washer-Lock
14	110-0972	1	Pulley

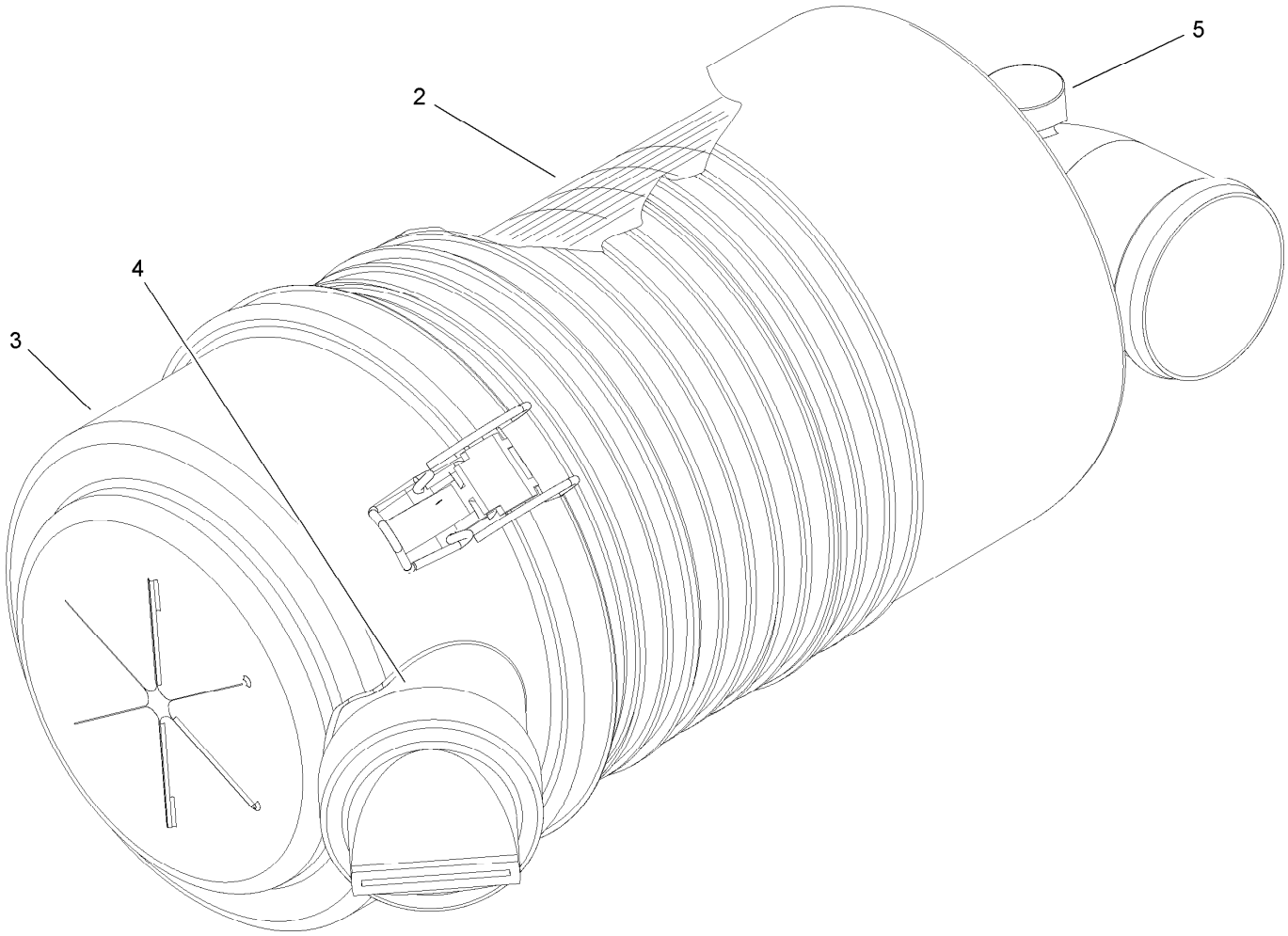
Ref.	Part Number	Qty.	Description
15	98-9676	1	V-Belt
16	3256-22	4	Washer-Flat
17	110-0966	1	Fan-Cooling
18	3256-78	1	Washer-Flat
19	43-5930	1	Washer-Lock, Spring
20	48-7890	1	Nut-Hex
21	63-7790	1	Screw-Cap
22	83-1050	4	Spacer
23	3290-378	1	Tie-Cable
24	106-3615	1	Harness-Wire, Engine
24:1	100-4918	1	Diode
25	48-9590	12	Washer-Lock
26	99-3441	1	Harness-Wire, Fusible Link
27	107-4496-03	4	Bracket-Engine



Engine Intake and Exhaust Assembly

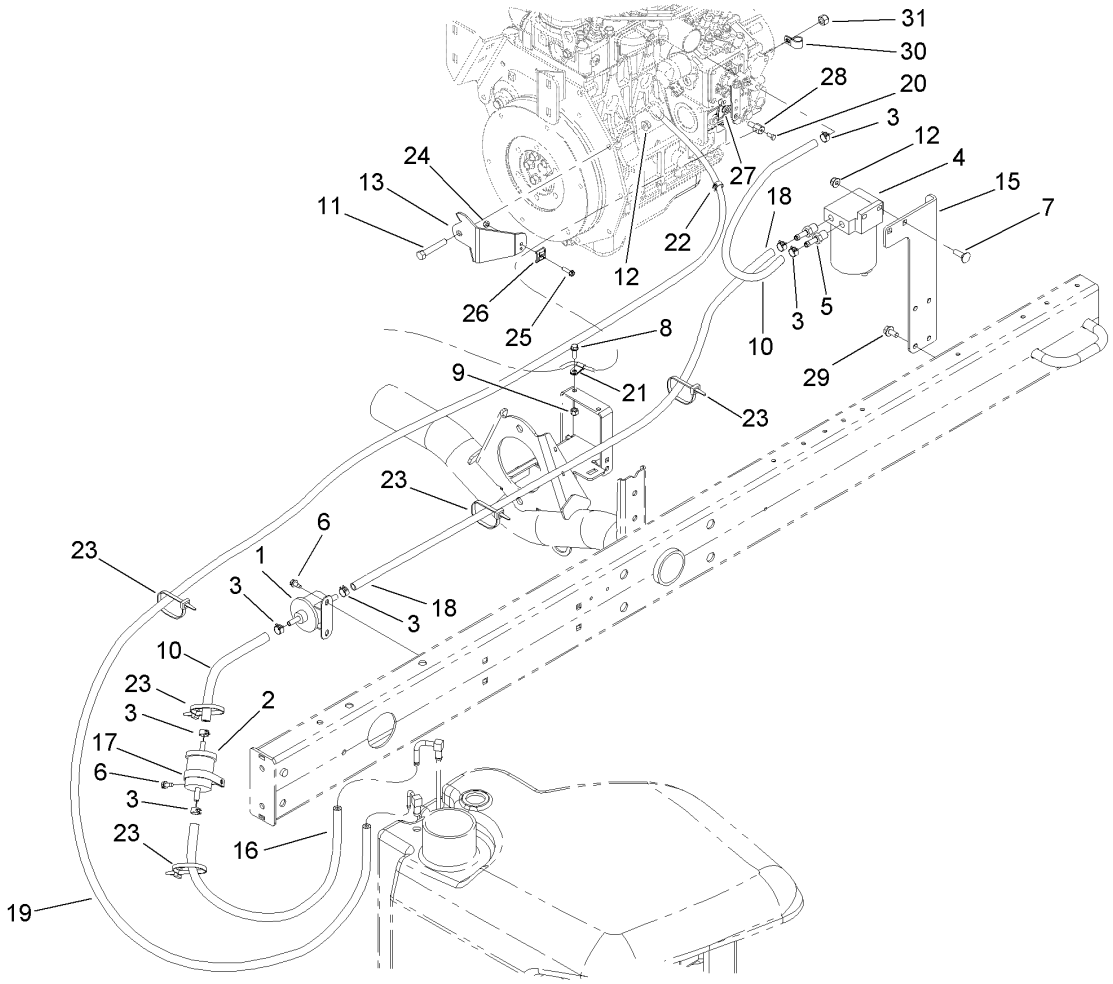
Ref.	Part Number	Qty.	Description
1	99-8343	1	Gasket-Muffler
2	3253-4	4	Washer-Lock
3	104-2612	4	Nut-HF
4	33114-020	4	Screw-HH
5	93-9164	1	Indicator-Mini
6	106-5277	1	Air Cleaner ASM
7	108-7550	1	Hose-Formed
8	108-1745	1	Hose-Formed
9	110-8980-03	1	Bracket-Mount
10	110-8977-03	1	Stand-Air Cleaner
11	2412-130	4	Clamp-Hose
12	104-8300	10	Nut-HF, NI
13	3256-3	2	Washer-Flat
14	322-9	2	Screw-HH
15	95-5622	1	Hanger-Rubber
16	93-5023	2	Spacer
17	94-1416	1	Adapter-Indicator
18	108-1785-03	1	Bracket-Support, Muffler
19	110-8974-03	1	Bracket-Pipe, Tail
20	108-1782	1	Header
21	110-8992	1	Muffler ASM
22	2112-9	1	Clamp
22:1	32128-20	2	Nut-HF
23	3234-14	2	Screw-HHF
25	3231-27	4	Screw-CARR
26	104-8301	4	Nut-HF, NI
27	100-4825	1	Band-Mounting, Air Cleaner
27:1		1	Clamp ASM ●
27:2	94-3653	1	Bolt
27:3	94-3654	1	Spring
27:4	48-9510	1	Nut
28	48-9590	1	Washer-Lock
29	43-0090	1	Screw-HH
30	3234-29	4	Screw-HHF
31	322-10	2	Screw-HH
35	110-8976	1	Plate-Support, Isolator

● Not serviced separately



Air Cleaner Assembly No. 106-5277

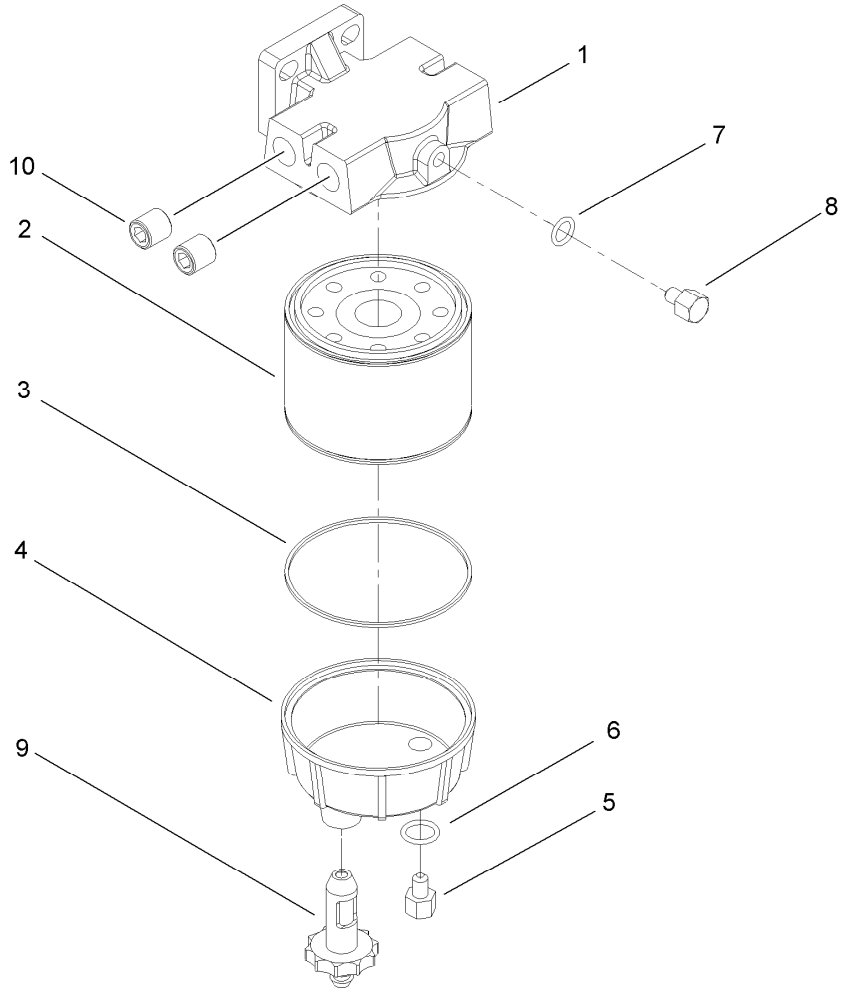
Ref.	*Part Number*	*Qty.*	*Description*
2	108-3810	1	Filter-Air
3	98-9771	1	Cover ASM
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



Fuel System Delivery Assembly

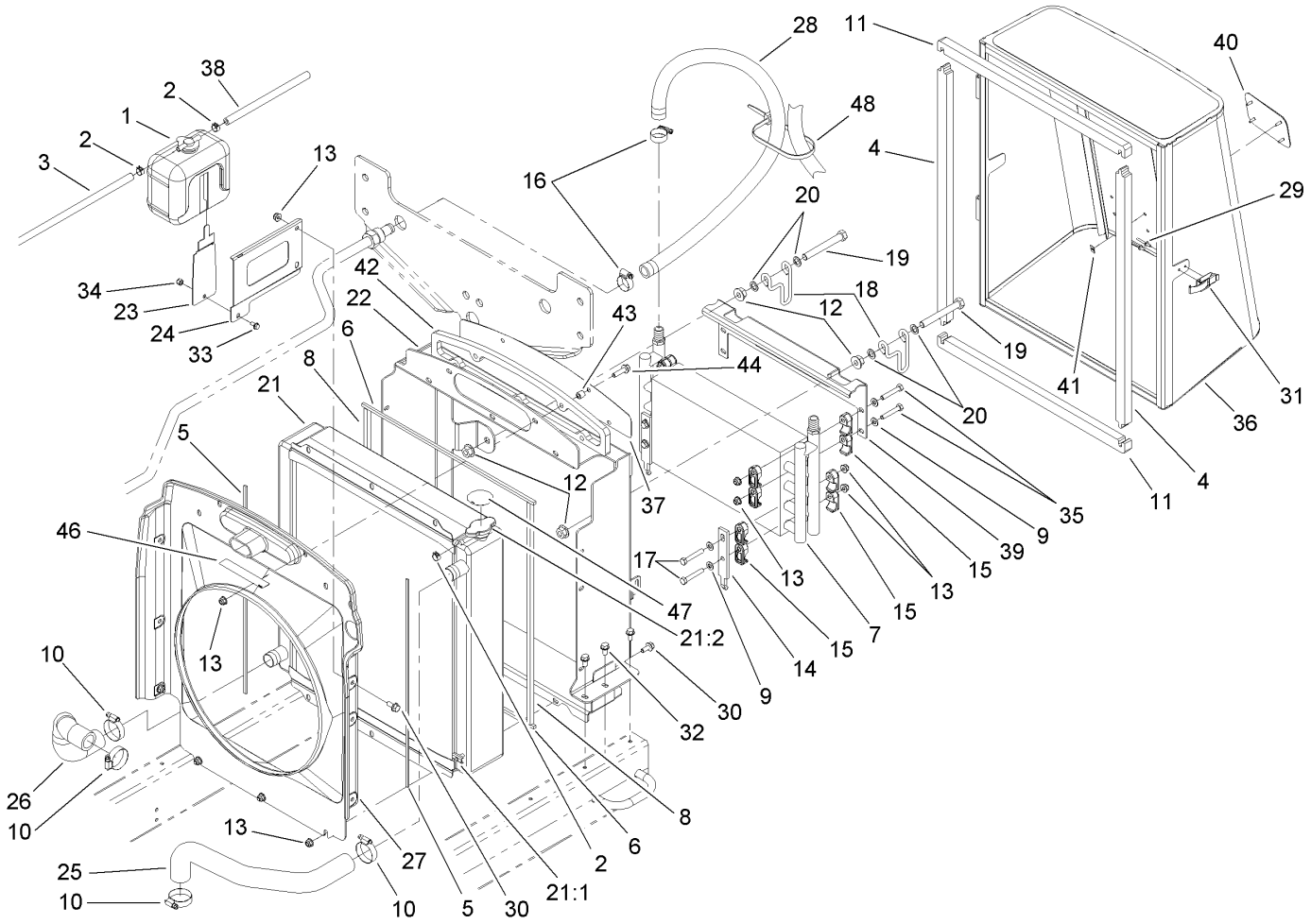
Ref.	Part Number	Qty.	Description
1	104-5215	1	Pump-Fuel, Electric
2	98-7612	1	Filter-Fuel
3	92-2379	7	Clamp-Hose
4	98-9305	1	Water / Fuel Filter ASM
5	353-783	2	Fitting-STR
6	32104-17	3	Screw-HWH
7	3230-22	2	Screw-CARR
8	3234-4	1	Screw-HHF
9	3296-42	1	Nut-Lock, NI
10	110-4107	2	Hose-Fuel
11	322-7	1	Screw-HH
12	104-8300	3	Nut-HF, NI
13	108-7603-03	1	Support-Cable, Throttle
15	110-8968-01	1	Mount-Separator, Water
16	108-3284	1	Hose-Fuel

Ref.	Part Number	Qty.	Description
17	2412-148	1	Clamp-R
18	110-3259	1	Hose-Fuel
19	110-9011	1	Hose-Fuel
20	25-8640	1	Screw-HH
21	2412-149	1	Clamp-R
22	2412-146	1	Clamp-Hose
23	3290-378	5	Tie-Cable
24	3296-2	1	Nut-Lock, NI
25	32105-13	1	Screw-HWH
26	81-1690	1	Clamp-Cable
27	3296-20	1	Nut-Lock, NI
28	98-9311	1	Swivel-Throttle
29	32144-14	4	Screw-HWHTF
30	2412-41	1	Clamp-R
31	3296-29	1	Nut-Lock, NI



Water and Fuel Filter Assembly No. 98-9305

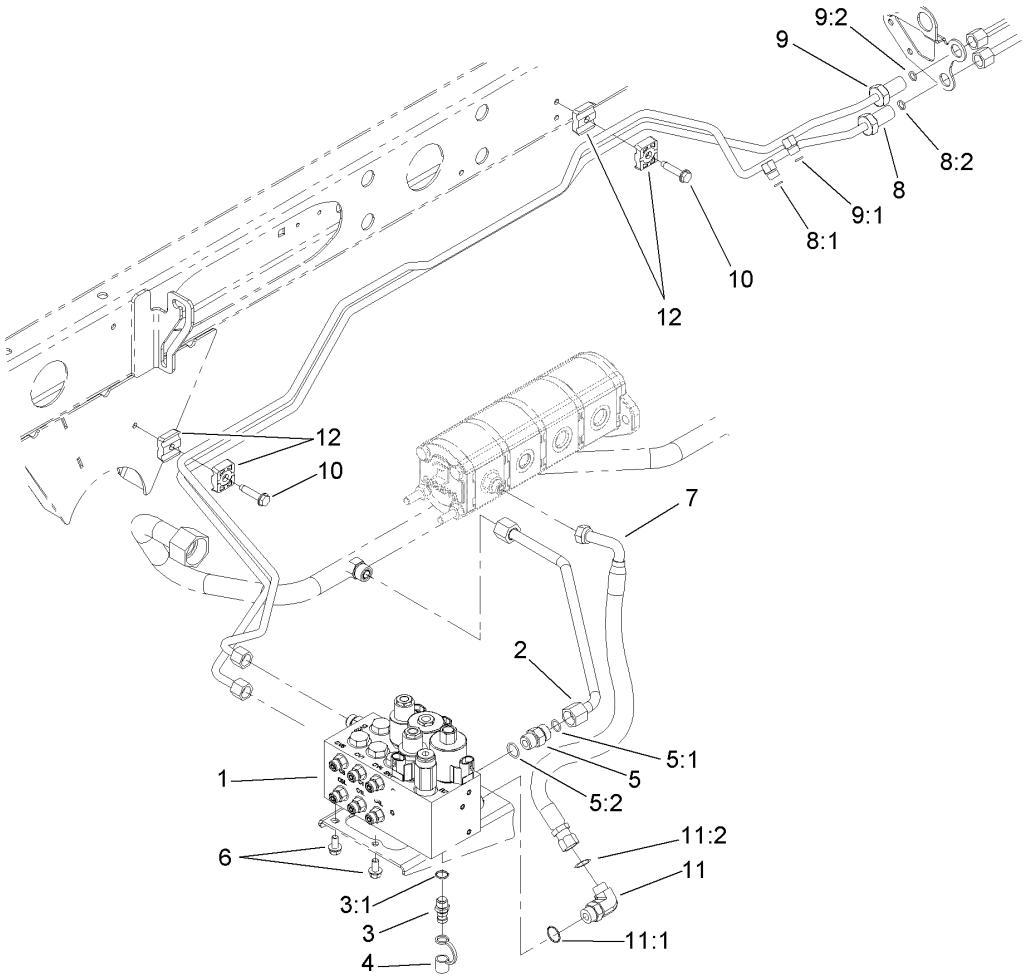
Ref.	*Part Number*	*Qty.*	*Description*
1	98-9772	1	Head-Filter
2	98-9764	1	Element
3	98-9774	1	O-Ring
4	98-9775	1	Base-Filter
5	98-9773	1	Plug-Base, Filter
6	237-42	1	O-Ring
7	237-78	1	O-Ring
8	98-9776	1	Plug-Head, Filter
9	98-9777	1	Drain Valve ASM
10	285-22	2	Plug-Pipe



Radiator and Hydraulic Cooler Assembly

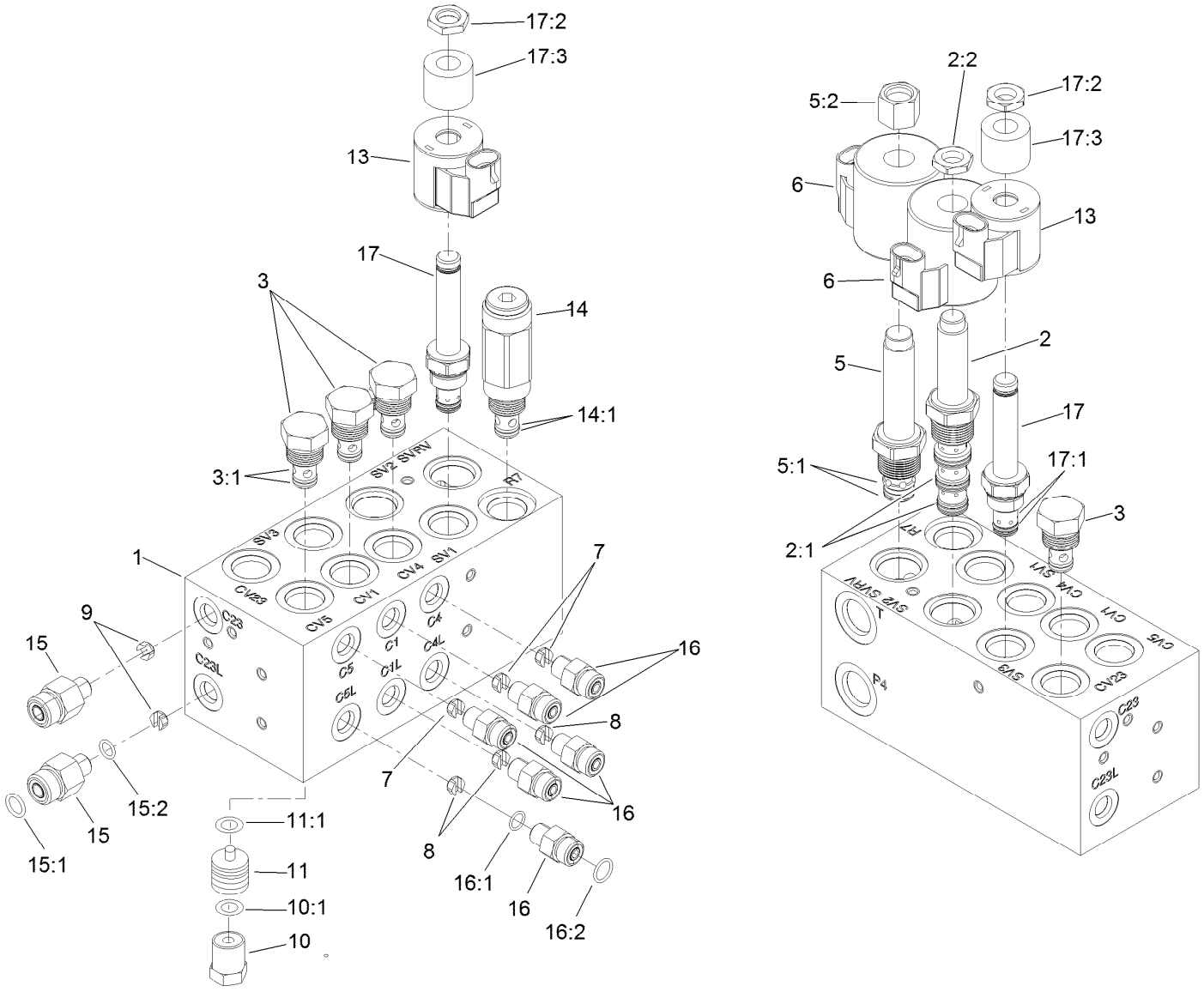
Ref.	Part Number	Qty.	Description
1	104-9318	1	Bottle-Overflow
2	92-2379	3	Clamp-Hose
3	110-3257	1	Hose-Fuel
4	110-0967	2	Seal-Foam
5	110-0971	2	Seal-Foam
6	110-0970	2	Seal-Foam
7	100-4869	1	Cooler-Oil
8	110-0969	2	Seal-Foam
9	3256-23	8	Washer-Plain
10	2412-34	4	Clamp-Hose
11	110-0968	2	Seal-Foam
12	32128-49	4	Nut-HHF
13	104-8300	22	Nut-HF, NI
14	104-5460-03	2	Plate-Mount, Oil Cooler
15	105-3943	16	Clamp-Cooler, Oil
16	2412-129	4	Clamp-Hose
17	322-10	4	Screw-HH
18	104-5429	2	Clamp-Form, Wire
19	325-17	2	Screw-HH
20	41-8440	4	Washer
21	108-7628	1	Radiator
21:1	304-46	1	Draincock
21:2	93-5957	1	Cap-Radiator
22	108-1617-03	1	Frame-Radiator
23	108-1665-03	1	Bracket-Reservior

Ref.	Part Number	Qty.	Description
24	108-1666-03	1	Bracket-Reservoir
25	108-1696	1	Hose-Formed
26	108-1697	1	Hose-Formed
27	108-1791	1	Shroud-Fan
28	108-1693	2	Hose
29	3269-15	2	Rivet-Pop
30	3234-5	9	Screw-HHF
31	105-3912	1	Latch-Draw
32	32104-32	6	Screw-HWH
33	3234-13	1	Screw-HHF
34	3296-42	1	Nut-Lock, NI
35	322-21	4	Screw-HH
36	110-0952-03	1	Screen ASM
37	108-1843-03	1	Screen-Intake, Air
38	110-4104	1	Hose-Fuel
39	107-2043-03	1	Bracket-Oil Cooler, Top
40	93-6028	1	Plate-Logo
41	94-2638	4	Nut-Flat
42	110-5324	1	Seal-Foam
43	1-603903	5	Spacer
44	3234-36	5	Screw-HHF
46	93-7272	1	Decal-Warning
47	106-6755	1	Decal-Cap, Radiator
48	3290-378	1	Tie-Cable



Hydraulic Lift Block and Plumbing Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	105-7577	1	HYD Lift Block Manifold ASM
2	108-1698	1	Tube ASM
3	59-7410	1	Fitting-Diagnostic
3:1	237-42	1	O-Ring
4	354-79	1	Cap-Dust
5	340-4	1	Fitting-Straight
5:1	237-30	1	O-Ring
5:2	237-79	1	O-Ring
6	3234-14	2	Screw-HHF
7	107-1135	1	Hose ASM
8	108-1720	1	Tube ASM
8:1	237-21	1	O-Ring
8:2	237-22	1	O-Ring
9	108-1721	1	Tube ASM
9:1	237-21	1	O-Ring
9:2	237-22	1	O-Ring
10	32144-57	2	Screw
11	340-18	1	Fitting-HYD, 90 DEG
11:1	237-79	1	O-Ring
11:2	237-22	1	O-Ring
12	56-7973	4	Clamp-Tube



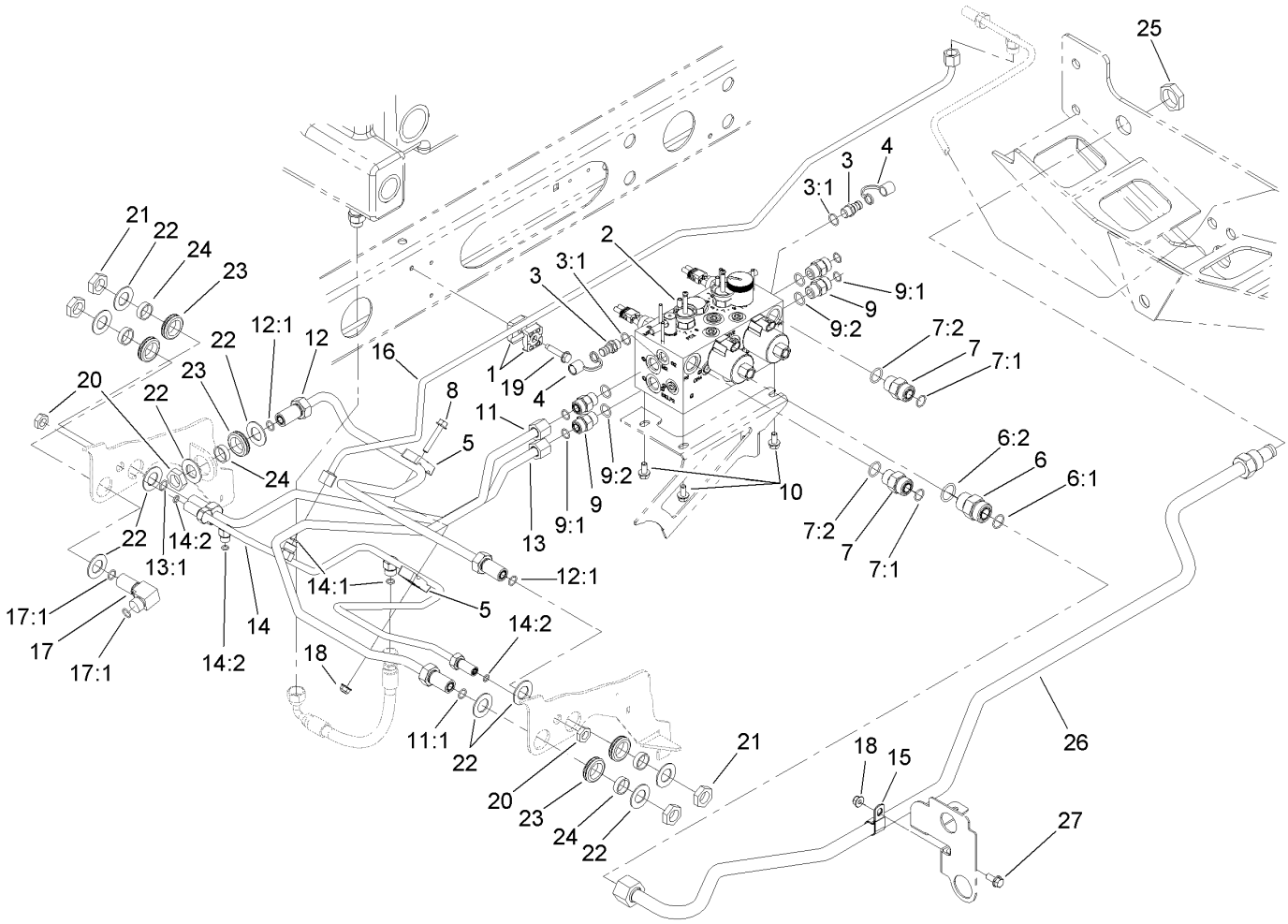
Hydraulic Manifold Block Assembly No. 105-7577

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)
7	125-8849	3	Orifice-Flow Control ●
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	110-8898	2	Valve-Solenoid
17:1	107-7527	1	Seal Kit
17:2	110-2634	1	Nut-Coil
17:3	110-8909	1	Spacer-Coil

● Optional Equipment

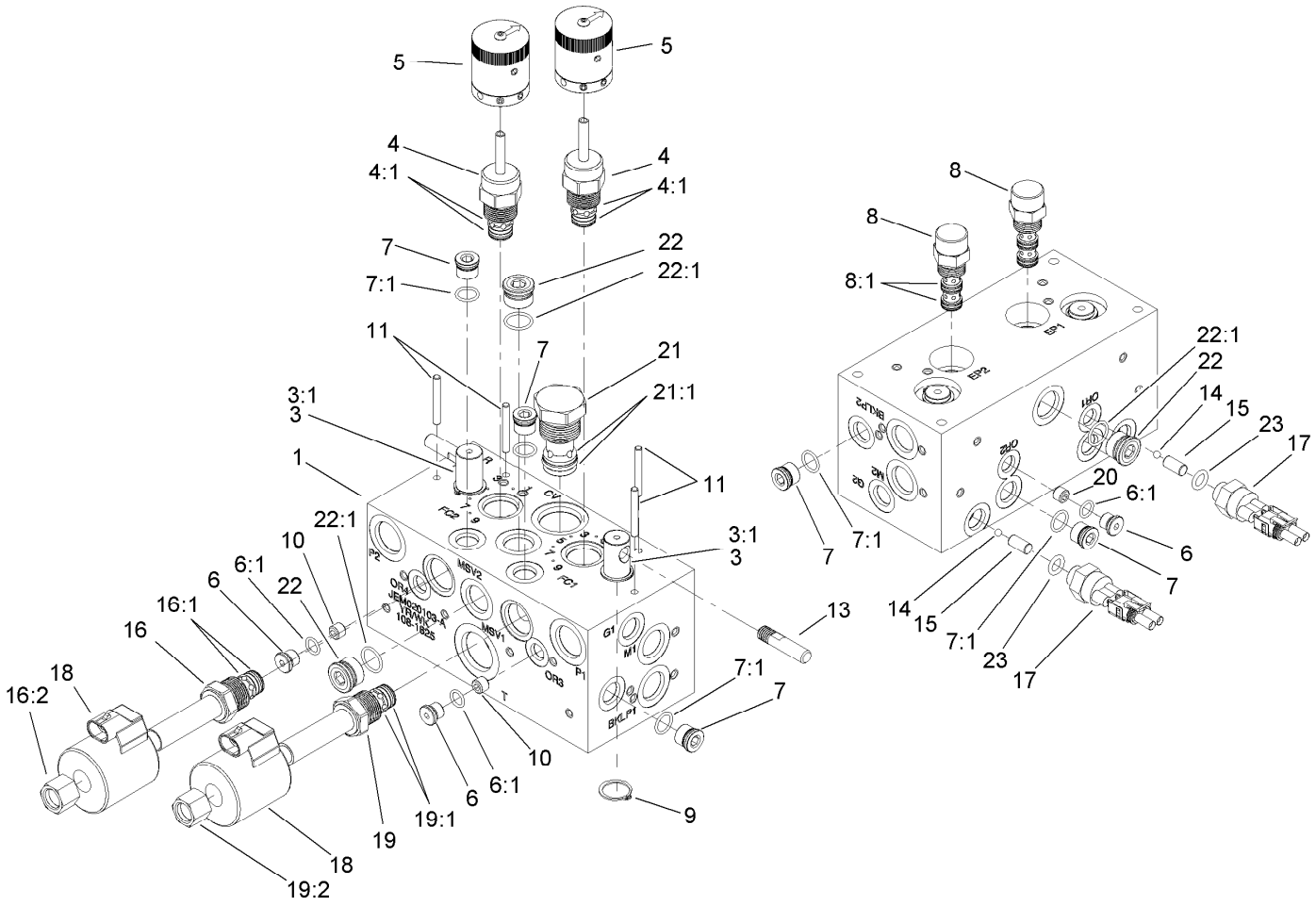
■ Not serviced separately



Reel Control Block Hydraulic Plumbing Assembly

Ref.	Part Number	Qty.	Description
1	56-7973	2	Clamp-Tube
2	108-1625	1	HYD Mow Block Manifold ASM
3	59-7410	2	Fitting-Diagnostic
3:1	237-42	1	O-Ring
4	354-79	2	Cap-Dust
5	56-7972	2	Clamp-Tube
6	340-9	1	Fitting-STR
6:1	237-58	1	O-Ring
6:2	237-81	1	O-Ring
7	340-7	2	Fitting-Straight
7:1	237-65	1	O-Ring
7:2	237-80	1	O-Ring
8	94-5780	1	Screw-HWH
9	340-4	4	Fitting-Straight
9:1	237-30	1	O-Ring
9:2	237-79	1	O-Ring
10	3234-14	3	Screw-HHF
11	110-5287	1	Tube ASM
11:1	237-30	1	O-Ring
12	110-5288	1	Tube ASM

Ref.	Part Number	Qty.	Description
12:1	237-30	2	O-Ring
13	108-1708	1	Tube ASM
13:1	237-30	1	O-Ring
14	110-5286	1	Tube ASM
14:1	237-22	2	O-Ring
14:2	237-21	3	O-Ring
15	2412-4	1	Clamp-R
16	108-1705	1	Tube ASM
17	93-9151	1	Fitting-HYD
17:1	237-30	2	O-Ring
18	104-8300	2	Nut-HF, NI
19	32144-57	1	Screw
20	340-78	2	Nut-Lock
21	340-127	5	Nut-Bulkhead
22	69-8930	10	Washer
23	240-5	5	Grommet
24	69-8960	5	Spacer
25	340-126	1	Nut-Bulkhead
26	108-1700	1	Tube ASM
27	3234-5	1	Screw-HHF

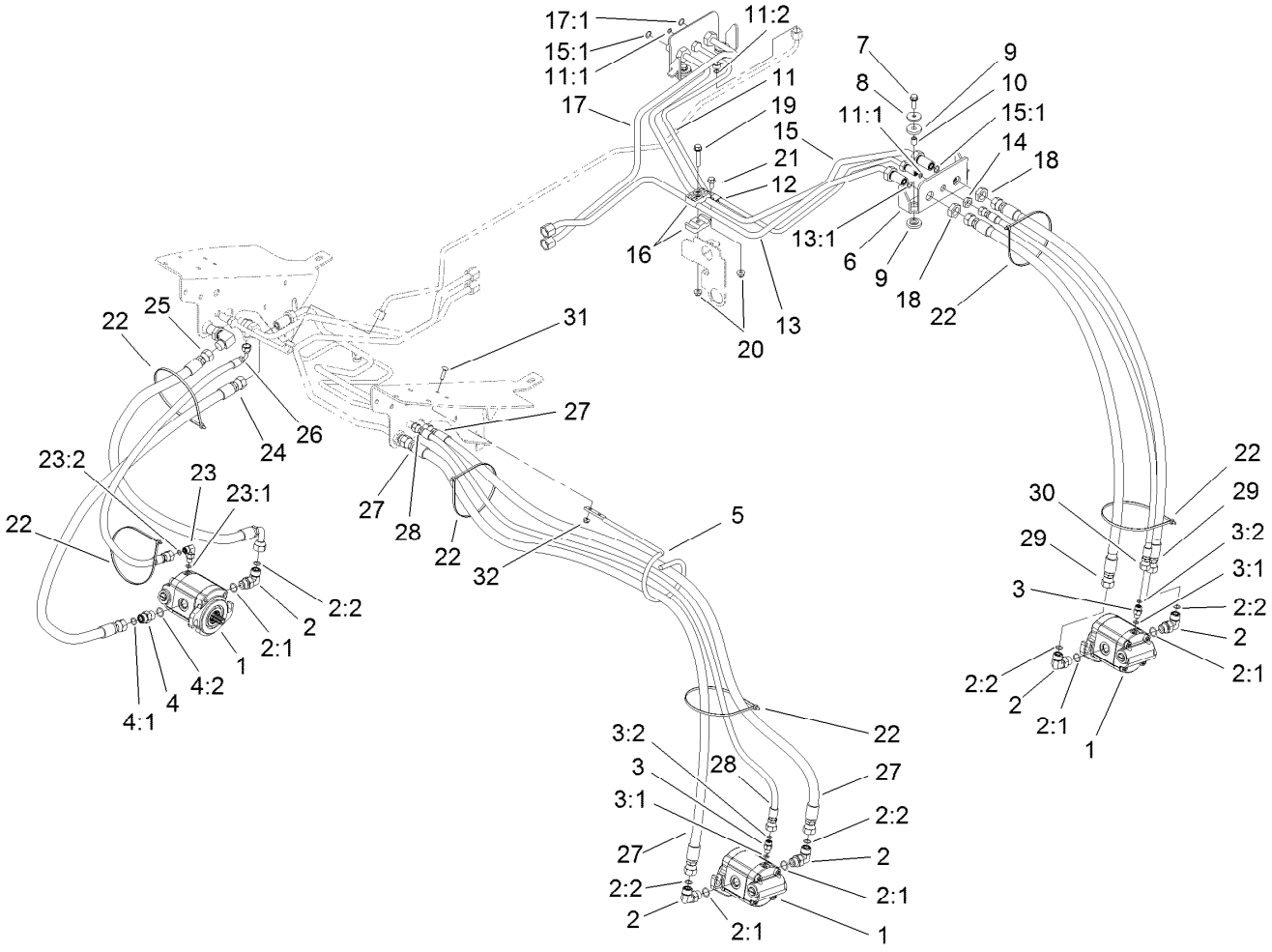


Hydraulic Manifold Block Assembly No. 108-1625

Ref.	Part Number	Qty.	Description
1		1	Block-Manifold ●
3	110-8766	2	Spool-Rotary
3:1	110-8763	1	Seal Kit
4	110-8769	2	Valve-Control, Manual Flow
4:1	110-2633	1	Seal Kit
5	110-8767	2	Rotary Handle ASM
6	353-990	4	Plug ASM
6:1	237-78	1	O-Ring
7	106-1026	6	Plug-HYD
7:1	237-42	1	O-Ring
8	110-8890	2	Element-Logic
8:1	110-8773	1	Seal Kit
9	110-8765	4	Ring-Snap
10	110-8987	2	Plug-Orifice (0.015 Rw)
11	110-8764	4	Pin-Groove
13	110-8758	2	Handle-Spool

Ref.	Part Number	Qty.	Description
14	110-8762	2	Ball-Chrome
15	110-8761	2	Pin-Dowel
16	110-8888	1	Valve-Relief, Solenoid
16:1	110-6316	1	Seal Kit
16:2	110-2635	1	Nut-Coil
17	72-4310	2	Switch-Ball
18	110-6344	2	Coil-12V, DC
19	110-6345	1	Valve-Relief, Solenoid
19:1	110-6316	1	Seal Kit
19:2	110-2635	1	Nut-Coil
20	110-8887	2	Plug-Orifice (0.055)
21	110-8886	1	Valve-Check
21:1	110-0470	1	Seal Kit
22	106-1027	3	Plug
22:1	237-79	1	O-Ring
23	110-8757	2	O-Ring

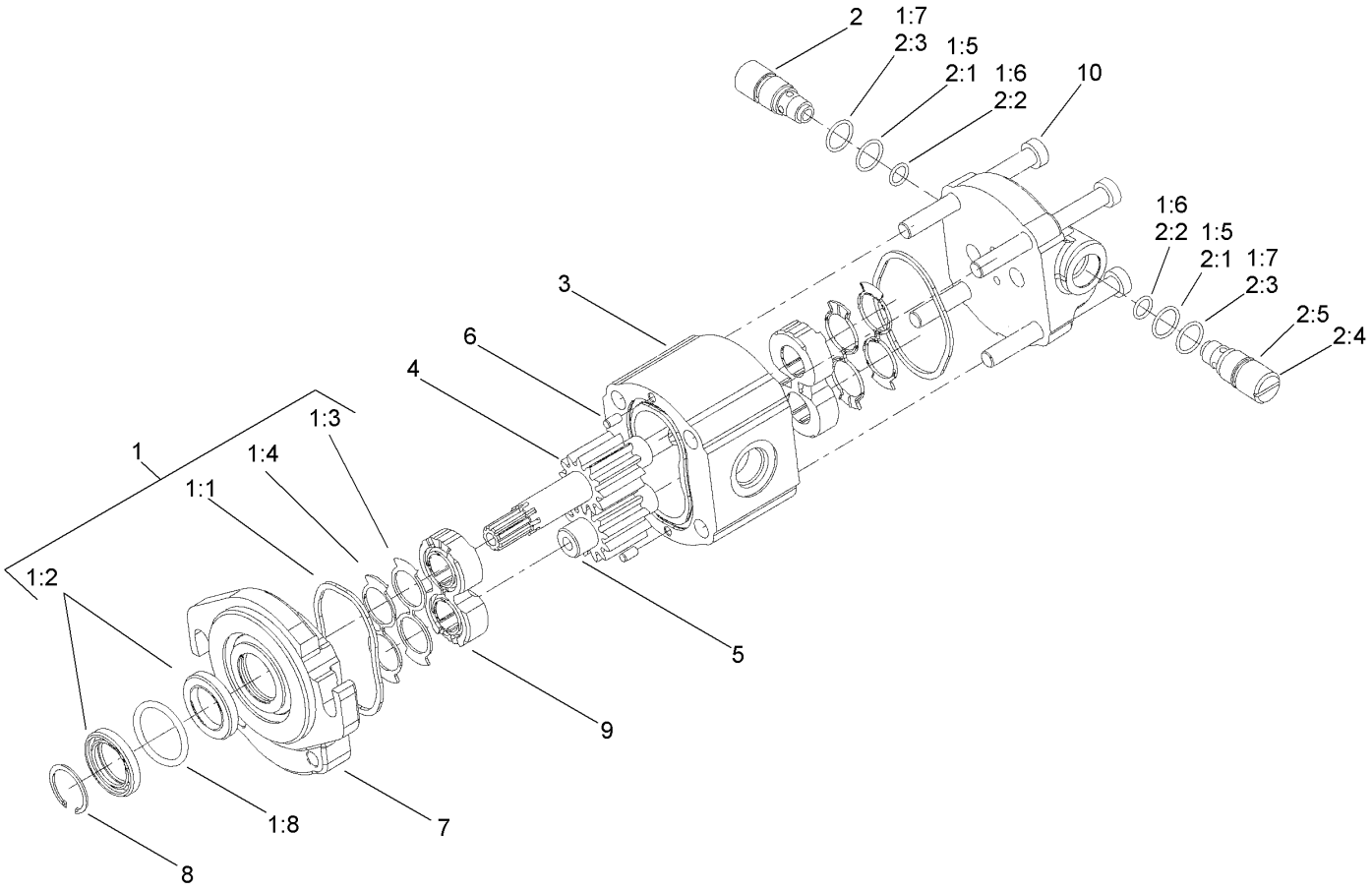
● Not serviced separately



Rear Reel Drive System Plumbing and Front Hose Assembly

Ref.	Part Number	Qty.	Description
1	110-1717	5	HYD Motor ASM
2	340-98	9	Fitting-Elbow, 90 DEG
2:1	237-79	1	O-Ring
2:2	237-30	1	O-Ring
3	340-92	4	Fitting-Straight
3:1	237-78	1	O-Ring
3:2	237-21	1	O-Ring
4	340-4	1	Fitting-Straight
4:1	237-30	1	O-Ring
4:2	237-79	1	O-Ring
5	108-7585	2	Guide-Hose
6	108-1814-03	2	Bracket-Bulkhead
7	32144-57	4	Screw
8	105-3048	4	Washer-Flat
9	240-11	8	Bushing-Flange
10	99-8611	4	Spacer
11	108-1704	1	Tube ASM
11:1	237-22	1	O-Ring
11:2	237-21	2	O-Ring
12	2412-113	1	Clamp-R
13	108-1701	1	Tube ASM
13:1	237-30	1	O-Ring
14	340-78	2	Nut-Lock

Ref.	Part Number	Qty.	Description
15	108-1702	1	Tube ASM
15:1	237-30	2	O-Ring
16	56-7976	2	Clamp-Tube
17	108-1703	1	Tube ASM
17:1	237-30	1	O-Ring
18	340-127	4	Nut-Bulkhead
19	94-5780	1	Screw-HWH
20	104-8300	2	Nut-HF, NI
21	3234-5	1	Screw-HHF
22	3334-945	15	Tie-Cable
23	340-132	1	Fitting-Elbow, 90 DEG
23:1	237-78	1	O-Ring
23:2	237-21	1	O-Ring
24	106-3669	1	HYD Hose ASM
25	106-3670	1	HYD Hose ASM
26	106-3671	1	Hose-HYD
27	106-3678	4	Hose ASM
28	106-3680	2	Hose-HYD
29	106-3672	4	HYD Hose ASM
30	98-4590	2	Hose-HYD
31	3229-1	4	Screw-CARR
32	104-7201	4	Nut-HF, NI

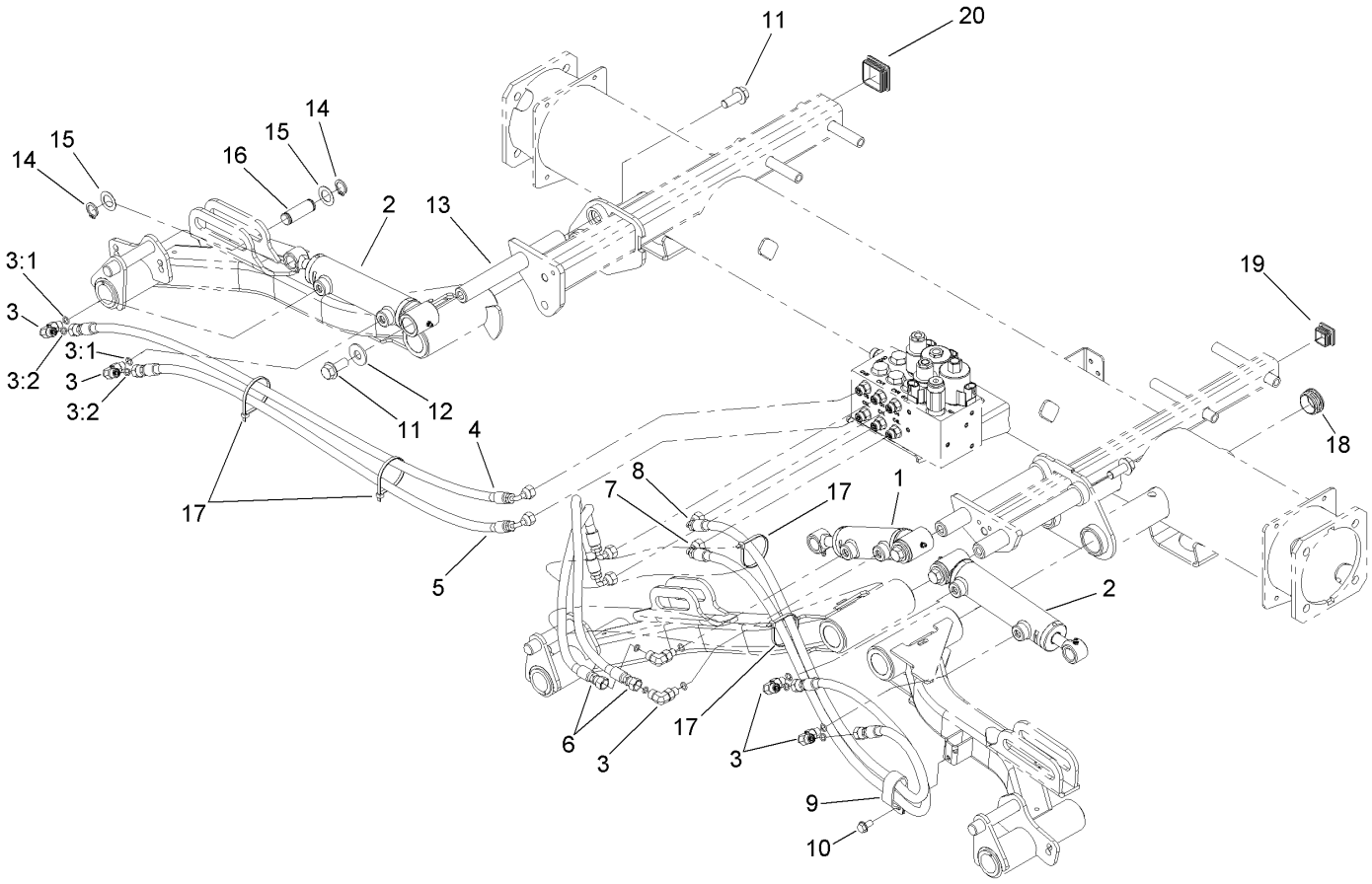


Hydraulic Motor Assembly No. 110-1717

Ref.	*Part Number*	*Qty.*	*Description*
1	110-0040	1	Seal Kit
1:1		2	Ring ■
1:2		2	Seal-Shaft ■
1:3		2	Seal ■
1:4		2	Seal-Anti Extrusion ■
1:5		2	Seal-Valve, Relief ■
1:6		2	Seal-Valve, Relief ■
1:7		2	Ring-Backup ■
1:8		1	Ring-Spacer ■
1:9		1	Service Script ■ ●
2	110-0041	2	Relief Cartridge Kit
2:1		1	Seal ■
2:2		1	Seal ■
2:3		1	Ring-Backup ■
2:4		1	Cap-Relief ■
2:5		1	Valve-Relief ■
3		1	Body ■
4		1	Gear-Drive ■
5		1	Gear-Driven ■
6		2	Pin-Dowel ■
7		1	Cover-Front ■
8		1	Ring-Retaining ■
9		2	Block-Bearing ■
10		4	Washer ■

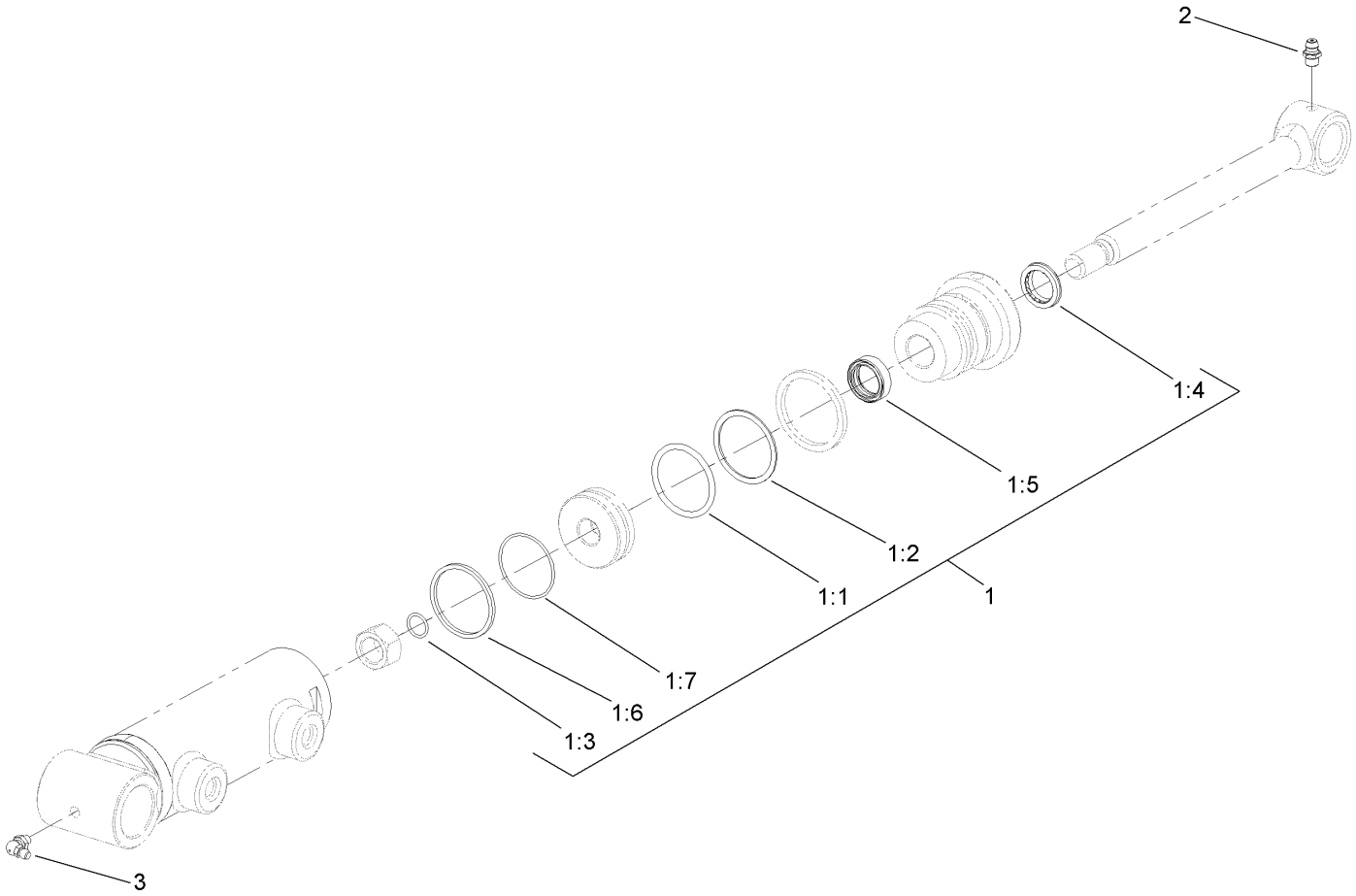
● Not illustrated

■ Not serviced separately



Front Lift Cylinder and Plumbing Assembly

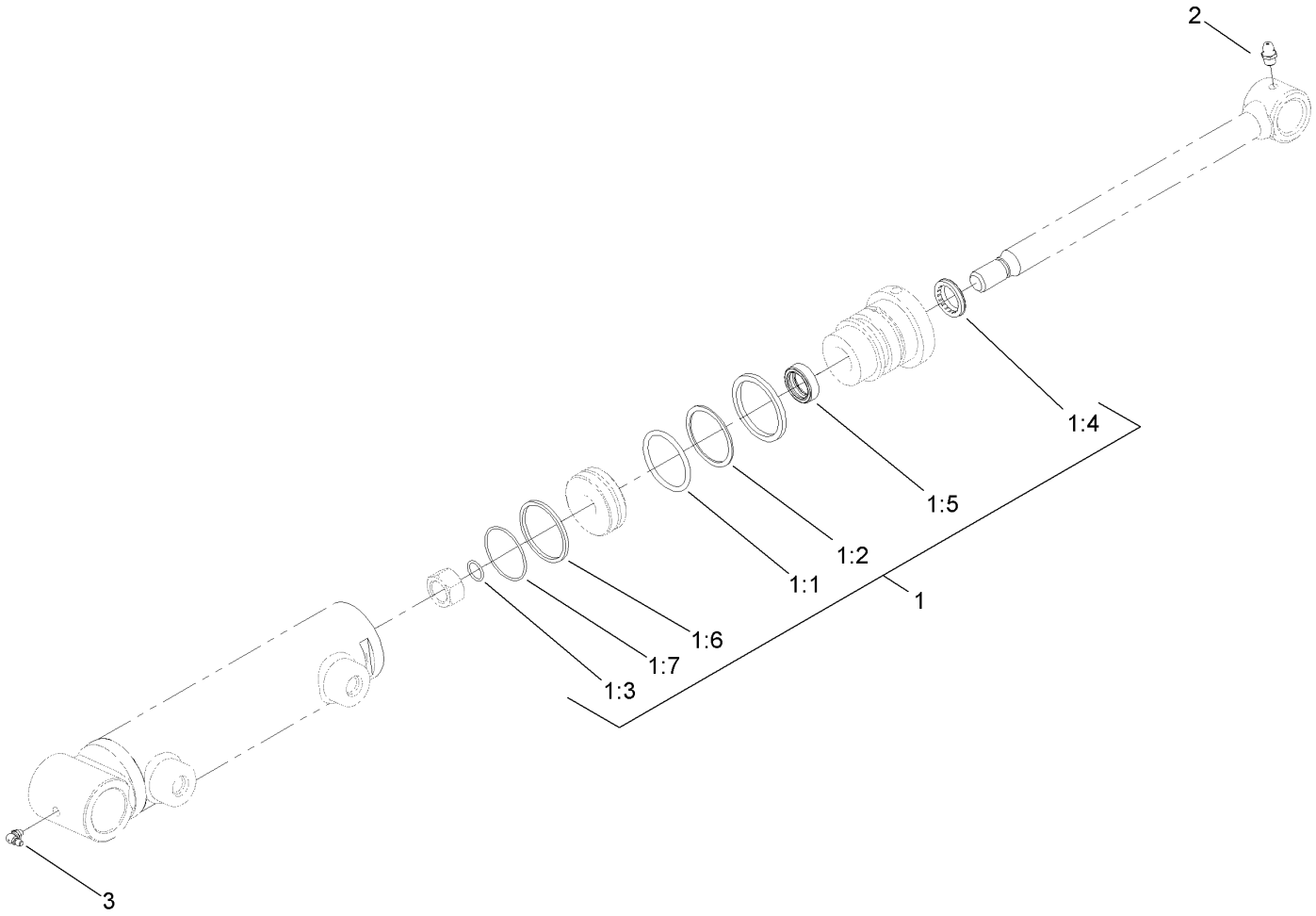
Ref.	*Part Number*	*Qty.*	*Description*
1	107-2034	1	Cylinder-HYD
2	107-2033	2	Cylinder-HYD
3	340-132	6	Fitting-Elbow, 90 DEG
3:1	237-78	1	O-Ring
3:2	237-21	1	O-Ring
4	106-3692	1	Hose-HYD
5	106-3693	1	Hose-HYD
6	93-6887	2	Hose-HYD
7	106-3691	1	Hose-HYD
8	85-4940	1	Hose-HYD
9	2412-137	1	Clamp-R, Double
10	32144-14	1	Screw-HWHTF
11	3234-32	6	Screw-HHF
12	3256-6	3	Washer-Flat
13	107-2077	3	Pin-Cylinder
14	32120-93	6	Ring-Retaining
15	3-6498	6	Washer-Thrust
16	104-0046	3	Pin-Slide, Cylinder
17	3290-379	4	Tie-Cable
18	110-9012	3	Caplug
19	110-9013	1	Caplug
20	110-9014	1	Caplug



Hydraulic Cylinder Assembly No. 107-2034

Ref.	*Part Number*	*Qty.*	*Description*
1	110-6460	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	Ring-Back Up ●
1:3		1	O-Ring ●
1:4		1	Wiper ●
1:5		1	Seal ●
1:6		1	Capseal ●
1:7		1	O-Ring ●
2	302-5	1	Fitting-Grease
3	302-60	1	Fitting-Grease

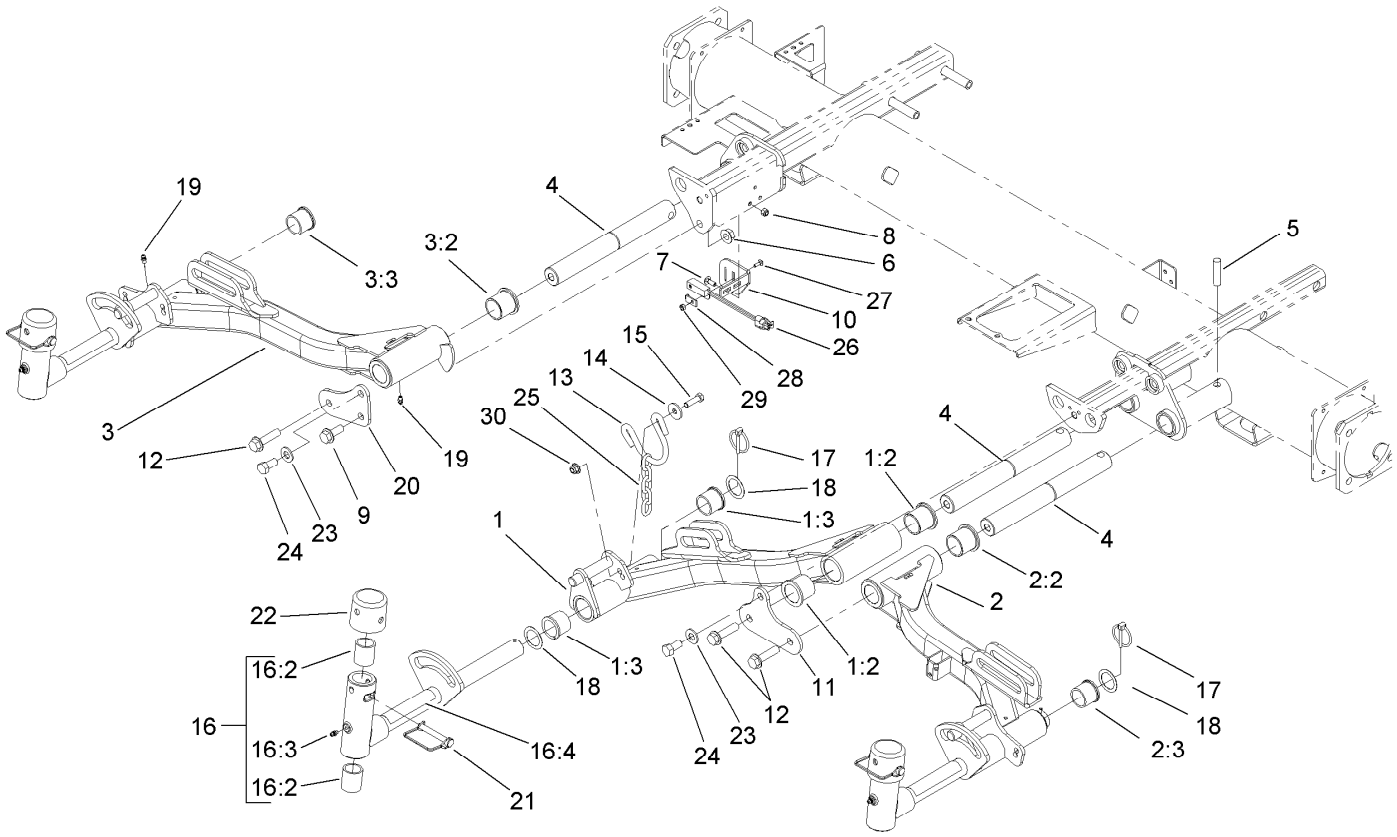
● Not serviced separately



Hydraulic Cylinder Assembly No. 107-2033

Ref.	*Part Number*	*Qty.*	*Description*
1	110-6460	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	Ring-Back Up ●
1:3		1	O-Ring ●
1:4		1	Wiper ●
1:5		1	Seal ●
1:6		1	Capseal ●
1:7		1	O-Ring ●
2	302-5	1	Fitting-Grease
3	302-60	1	Fitting-Grease

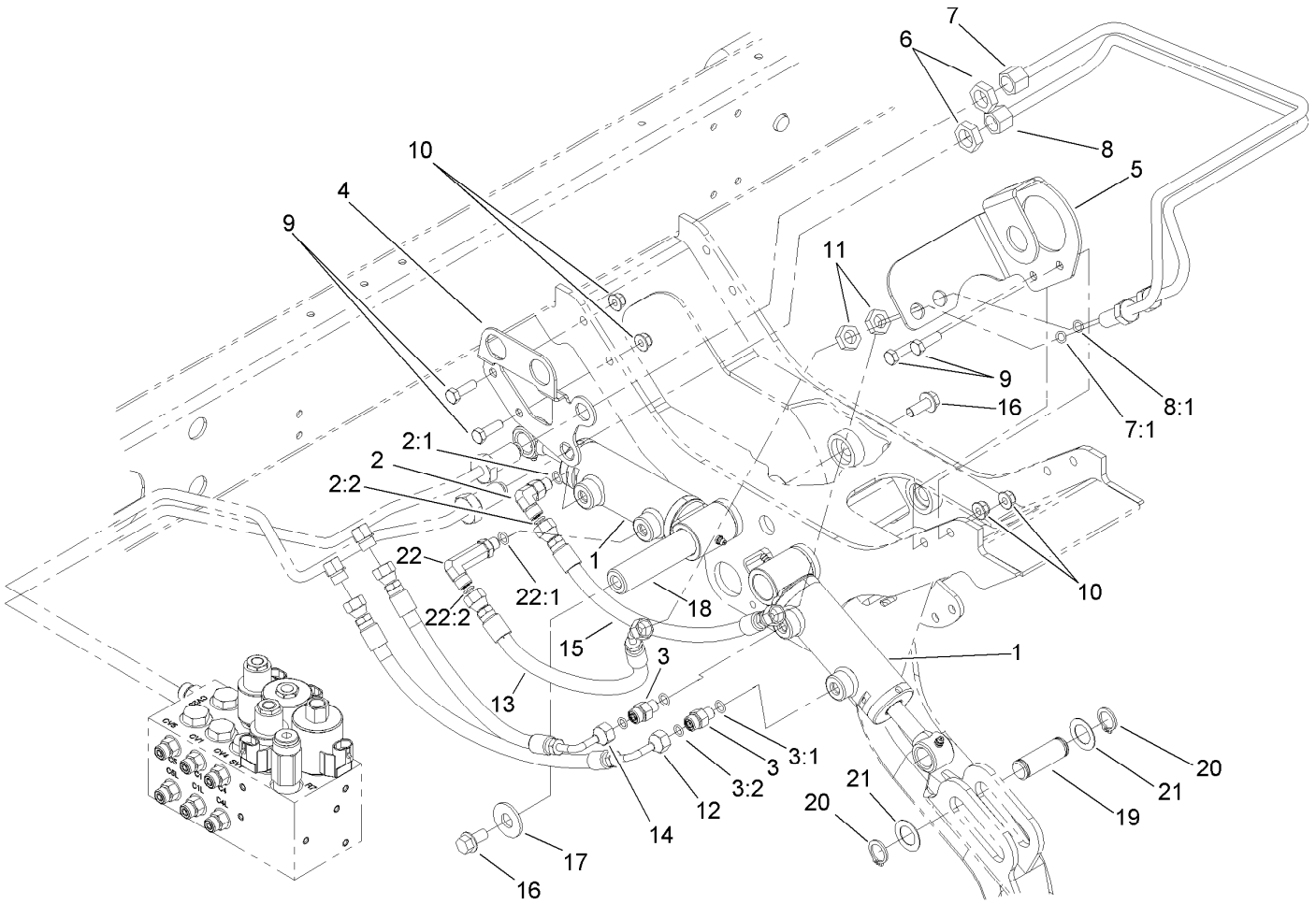
● Not serviced separately



Front Lift Arm Assembly

Ref.	Part Number	Qty.	Description
1	110-0991	1	No. 1 Lift Arm ASM
1:2	69-6470	2	Bushing-Caster
1:3	104-0015	2	Bushing-Flange
2	110-0994	1	No. 4 Lift Arm ASM
2:2	69-6470	2	Bushing-Caster
2:3	104-0015	2	Bushing-Flange
3	110-0995	1	No. 5 Lift Arm ASM
3:2	69-6470	2	Bushing-Caster
3:3	104-0015	2	Bushing-Flange
4	95-8531	3	Shaft-Pivot, Liftarm
5	32121-122	3	Pin-Roll
6	32128-23	1	Nut-HF
7	3229-1	2	Screw-CARR
8	3296-42	2	Nut-Lock, NI
9	3234-38	1	Screw-HHF
10	110-0919	1	Bracket-Switch
11	110-0938-01	1	Plate-Bridge
12	3234-27	3	Screw-HHF
13	110-0922	3	Hoop-Chain
14	63-8410	6	Washer

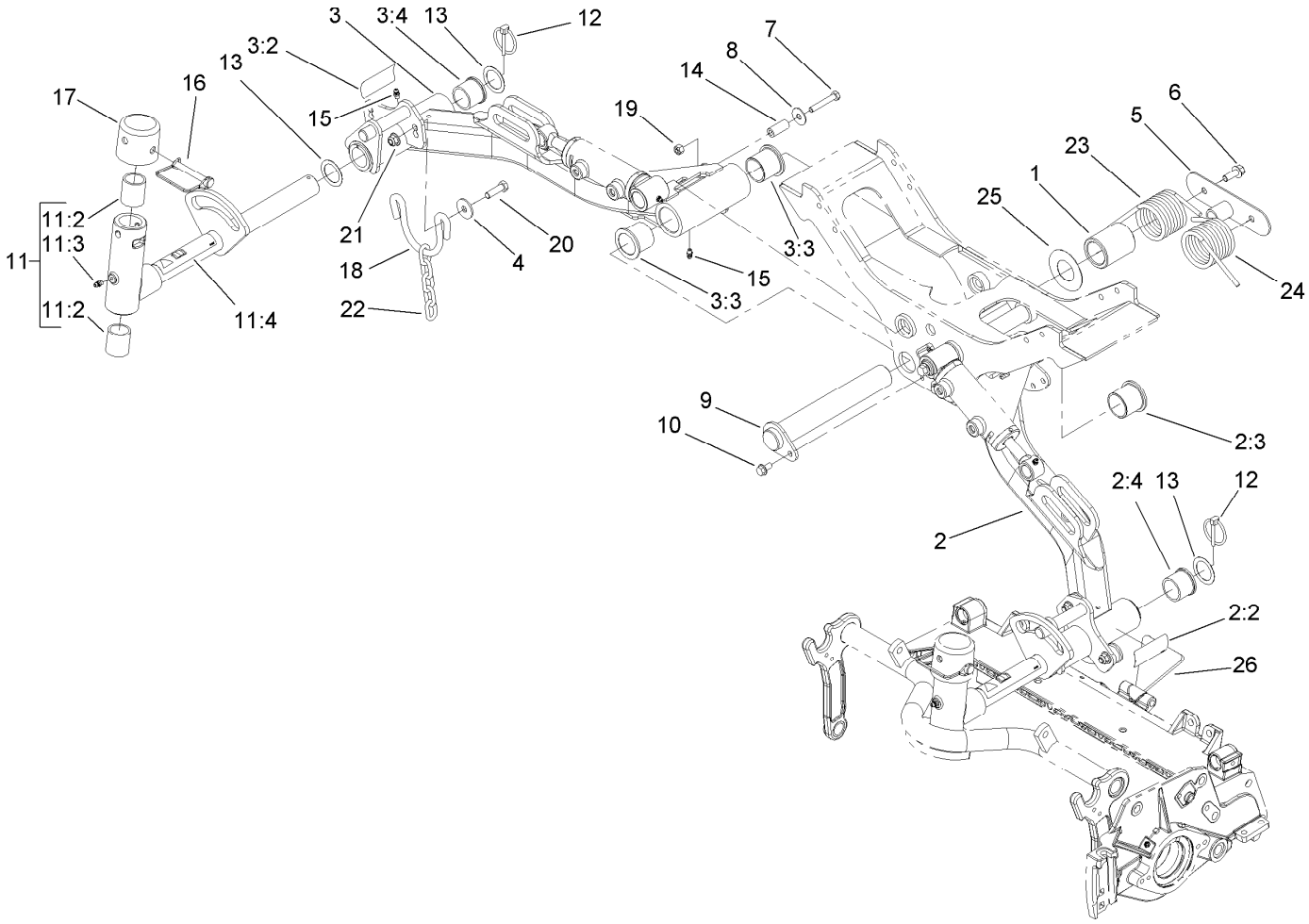
Ref.	Part Number	Qty.	Description
15	323-7	6	Screw-HH
16	107-2052	3	Pivot Yoke ASM
16:2	256-254	2	Bushing
16:3	302-5	1	Fitting-Grease
16:4	110-9642	1	Decal-Warning
17	92-1298	3	Pin-Lynch
18	76-2980	6	Washer-Thrust
19	302-5	6	Fitting-Grease
20	110-0939-01	1	Plate-Bridge, No. 5
21	107-7400	3	Pin-Lynch
22	107-4027	3	Cap
23	87-7270	2	Washer-Thrust
24	3213-1	2	Screw-HH
25	84-2451	3	Chain-Straight, 5 Link
26	105-0023	1	Switch-Proximity
27	3229-34	1	Screw-CARR
28	100-4872	1	Plate-Switch, Neutral
29	3296-2	1	Nut-Lock, NI
30	104-8301	6	Nut-HF, NI



Rear Lift Cylinder and Plumbing Assembly

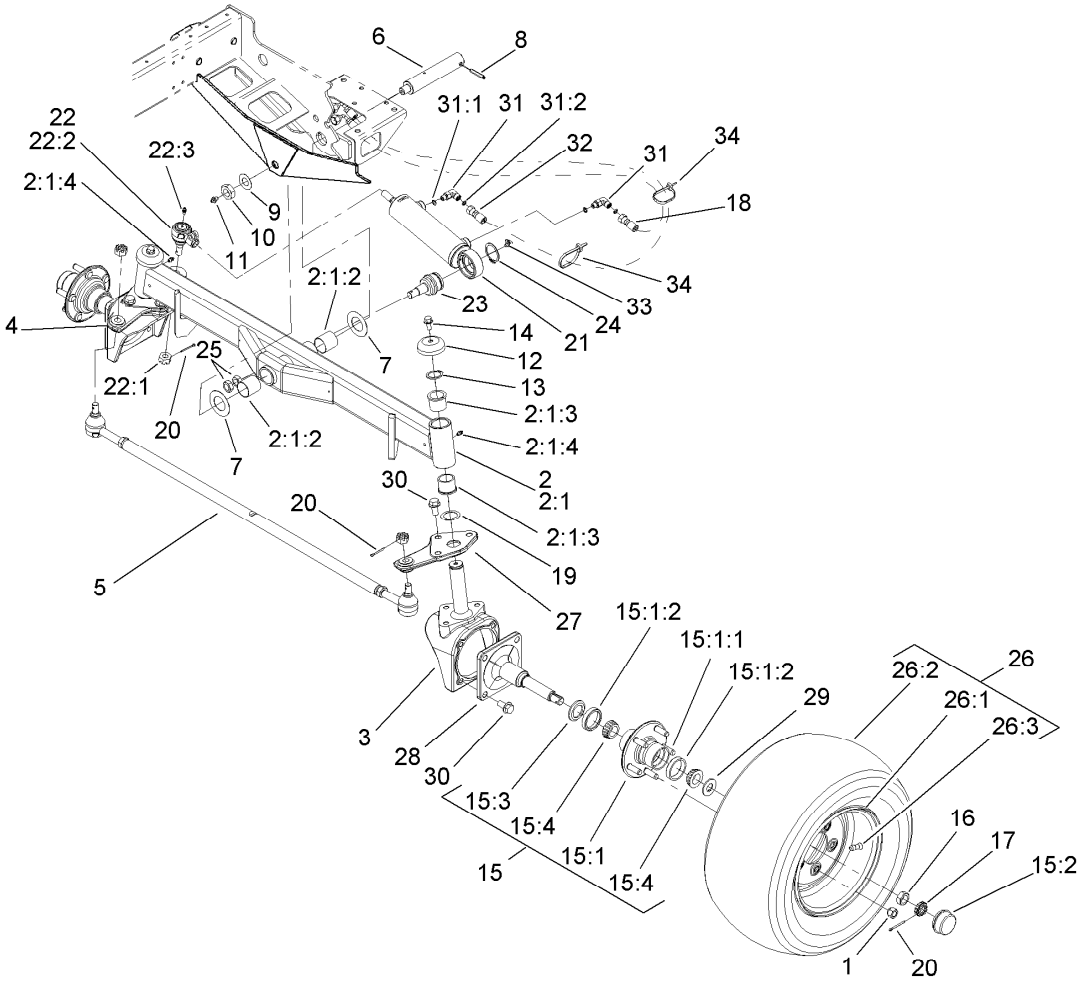
Ref.	Part Number	Qty.	Description
1	107-2034	2	Cylinder-HYD
2	340-132	1	Fitting-Elbow, 90 DEG
2:1	237-78	1	O-Ring
2:2	237-21	1	O-Ring
3	340-92	2	Fitting-Straight
3:1	237-78	1	O-Ring
3:2	237-21	1	O-Ring
4	110-0918-01	1	Bracket-Bulkhead, RH
5	110-0917-01	1	Bracket-Bulkhead, LH
6	340-70	2	Nut-Lock
7	110-0915	1	Tube ASM
7:1	237-21	1	O-Ring
8	110-0916	1	Tube ASM
8:1	237-21	1	O-Ring
9	322-4	4	Screw-HH

Ref.	Part Number	Qty.	Description
10	104-8300	4	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
16	3234-32	4	Screw-HHF
17	3256-6	2	Washer-Flat
18	107-2077	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



Rear Lift Arm Assembly

Ref.	Part Number	Qty.	Description
1	110-5339	2	Spacer
2	110-0992	1	No. 2 Lift Arm ASM
2:2	93-6696	1	Decal-Warning
2:3	69-6470	2	Bushing-Caster
2:4	104-0015	2	Bushing-Flange
3	110-0993	1	No. 3 Lift Arm ASM
3:2	93-6696	1	Decal-Warning
3:3	69-6470	2	Bushing-Caster
3:4	104-0015	2	Bushing-Flange
4	63-8410	4	Washer
5	110-8874-03	1	Catch
6	3234-11	2	Screw-HHF
7	322-10	2	Screw-HH
8	3256-35	2	Washer-Flat
9	107-2062	2	Pin
10	32144-14	2	Screw-HWHTF
11	107-2052	2	Pivot Yoke ASM
11:2	256-254	2	Bushing
11:3	302-5	1	Fitting-Grease
11:4	110-9642	1	Decal-Warning
12	92-1298	2	Pin-Lynch
13	76-2980	4	Washer-Thrust
14	103-0384	2	Spacer
15	302-5	4	Fitting-Grease
16	107-7400	2	Pin-Lynch
17	107-4027	2	Cap
18	110-0922	2	Hoop-Chain
19	3296-29	2	Nut-Lock, NI
20	323-7	4	Screw-HH
21	104-8301	4	Nut-HF, NI
22	84-2451	2	Chain-Straight, 5 Link
23	99-5608-03	1	Spring-Torsion, RH
24	99-5609-03	1	Spring-Torsion, LH
25	110-5345	2	Washer
26	110-4088-03	1	Kickstand

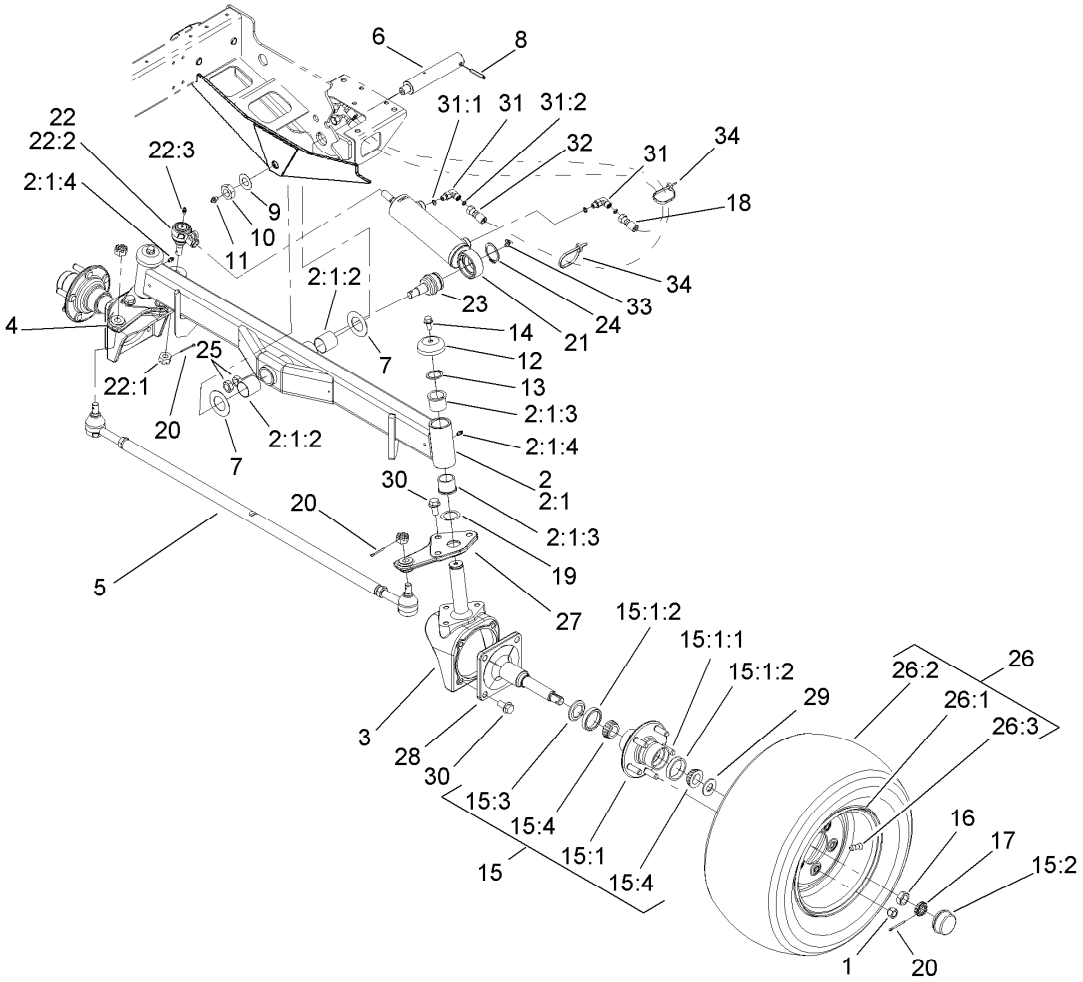


Rear Axle Assembly

Ref.	Part Number	Qty.	Description
1	242-50	10	Nut-Lug
2	107-4546-03	1	Axle ASM
2:1		1	Axle ●
2:1:2	99-6964	2	Bushing-Axle
2:1:3	104-0015	4	Bushing-Flange
2:1:4	302-5	2	Fitting-Grease
3	107-4517-03	2	Housing-Motor
4	110-5295-03	1	Link-Drag, RH
5	110-5334-03	1	Tie Rod ASM
6	98-8173	1	Pin-Pivot, Axle
7	99-8432	2	Washer-Thrust
8	32121-32	1	Pin-Roll
9	71-4540	1	Washer-Thrust
10	32146-20	1	Nut-Hex
11	302-33	1	Fitting-Grease
12	69-8890	2	Cap-Spindle
13	32151-77	2	Ring-Retaining, External
14	3234-1	2	Screw-HHF
15	21-0180	2	Hub ASM
15:1	21-2820	1	Hub
15:1:1	10-6830	5	Stud-Type, Drive
15:1:2	254-72	2	Bearing-Cup, Tapered
15:2	241-119	1	Cap-Dust
15:3	253-129	1	Seal
15:4	254-94	2	Bearing-Cone, Tapered

Ref.	Part Number	Qty.	Description
16	3220-7	2	Nut-Jam
17	93-0307	2	Nut-Lock, Retainer
18	110-0928	1	Hose-HYD
19	76-2980	2	Washer-Thrust
20	3272-12	5	Pin-Cotter
21	107-4458	1	Cylinder-HYD
22	106-6895	1	Joint-Ball
22:1	32136-13	1	Nut-SHH
22:2	106-6896	1	Seal
22:3	302-5	1	Fitting-Grease
23	106-6774	1	Joint-Ball
24	32151-104	1	Ring-Retaining, External
25	3220-6	2	Nut-Jam
26	108-1602	2	Wheel And Tire ASM
26:1	108-1600	1	Rim
26:2	104-0451	1	Tire-Turf, Trac
26:3	232-27	1	Stem-Valve
27	110-5297-03	1	Link-Drag, LH
28	110-5299-03	2	Spindle
29	93-0309	2	Washer-Tab
30	3234-6	14	Screw-HHF
31	340-132	2	Fitting-Elbow, 90 DEG
31:1	237-78	1	O-Ring
31:2	237-21	1	O-Ring
32	110-0973	1	Hose-HYD

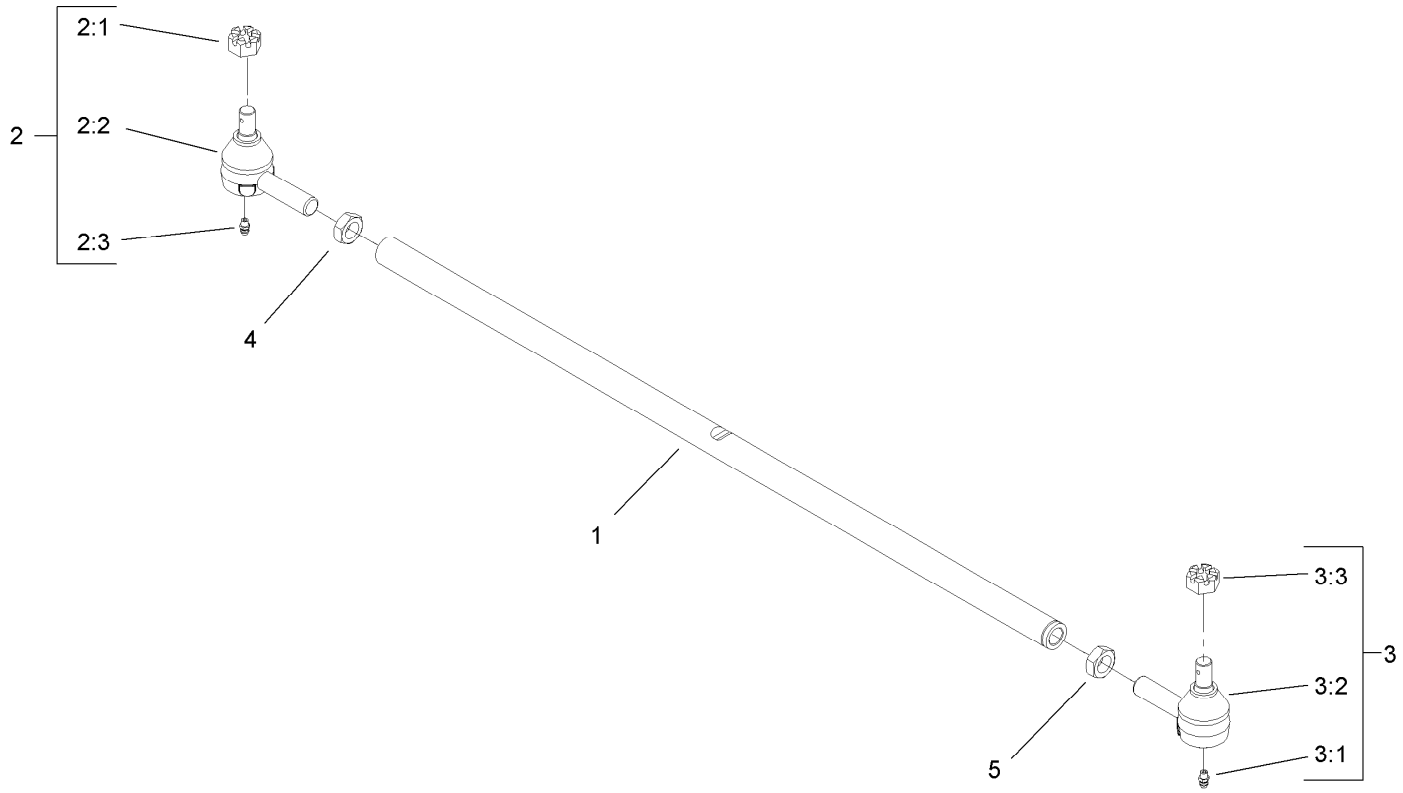
● Not serviced separately



Rear Axle Assembly (continued)

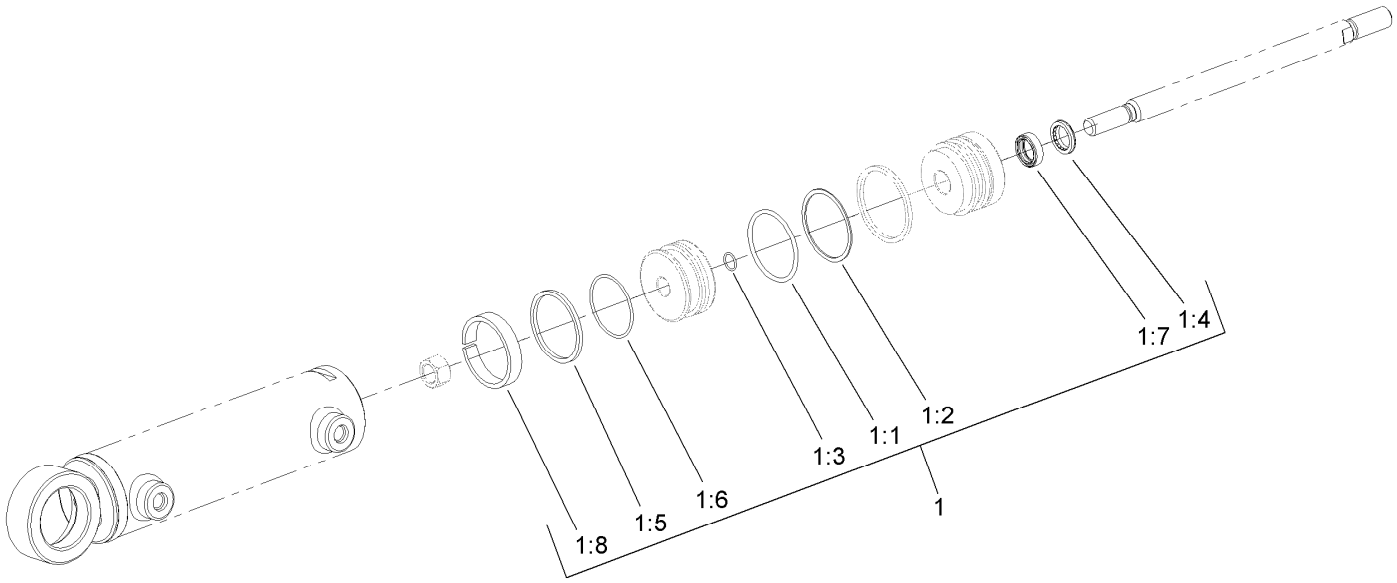
Ref.	*Part Number*	*Qty.*	*Description*
33	302-40	1	Fitting-Grease, 90 DEG
34	3290-378	2	Tie-Cable

● Not serviced separately



Tie Rod Assembly No. 110-5334-03

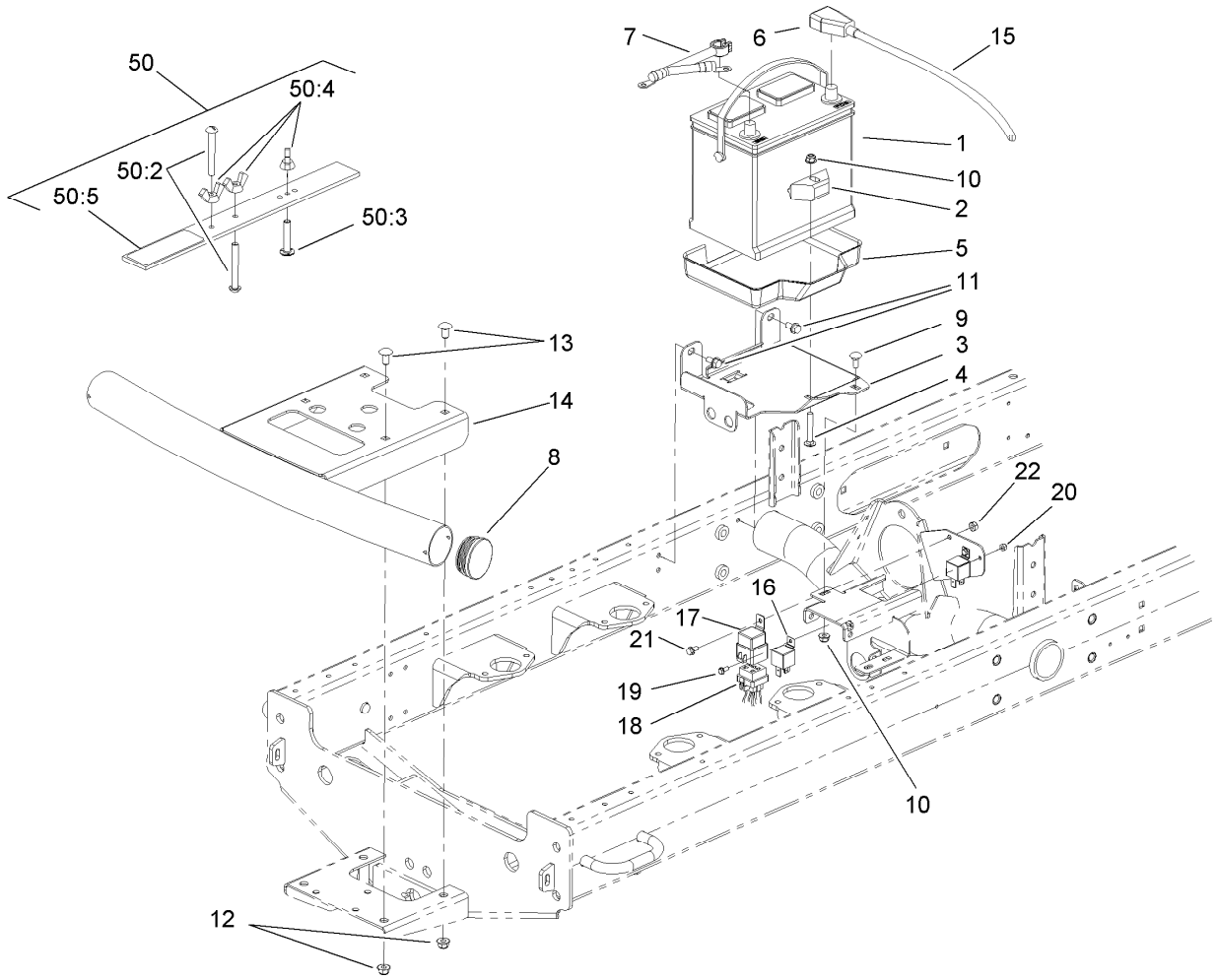
Ref.	*Part Number*	*Qty.*	*Description*
1	110-5335	1	Rod-Tie
2	71-4740	1	End-Rod, Tie (RH)
2:1	105-7941	1	Nut-Hex, Slotted
2:2	105-7835	1	Seal
2:3	302-5	1	Fitting-Grease
3	2411-46	1	End-Rod, Tie (LH)
3:1	302-5	1	Fitting-Grease
3:2	105-7835	1	Seal
3:3	105-7941	1	Nut-Hex, Slotted
4	84-5300	1	Nut-Jam
5	110-5337	1	Nut-Jam



Hydraulic Cylinder Assembly No. 107-4458

Ref.	*Part Number*	*Qty.*	*Description*
1	110-6461	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	Ring-Back Up ●
1:3		1	O-Ring ●
1:4		1	Wiper ●
1:5		1	Seal ●
1:6		1	O-Ring ●
1:7		1	Seal ●
1:8		1	Ring-Wear ●

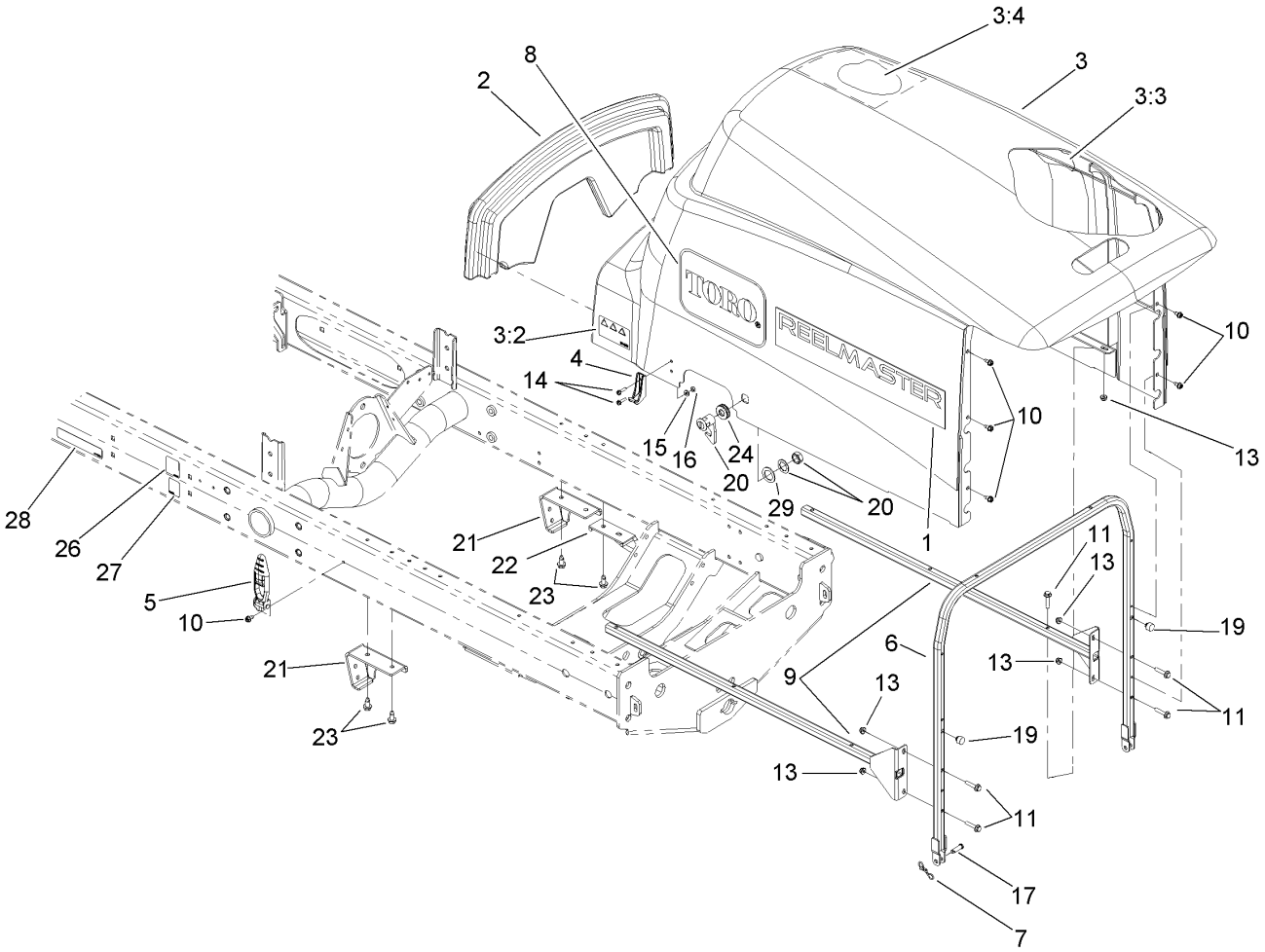
● Not serviced separately



Battery and Bumper Assembly

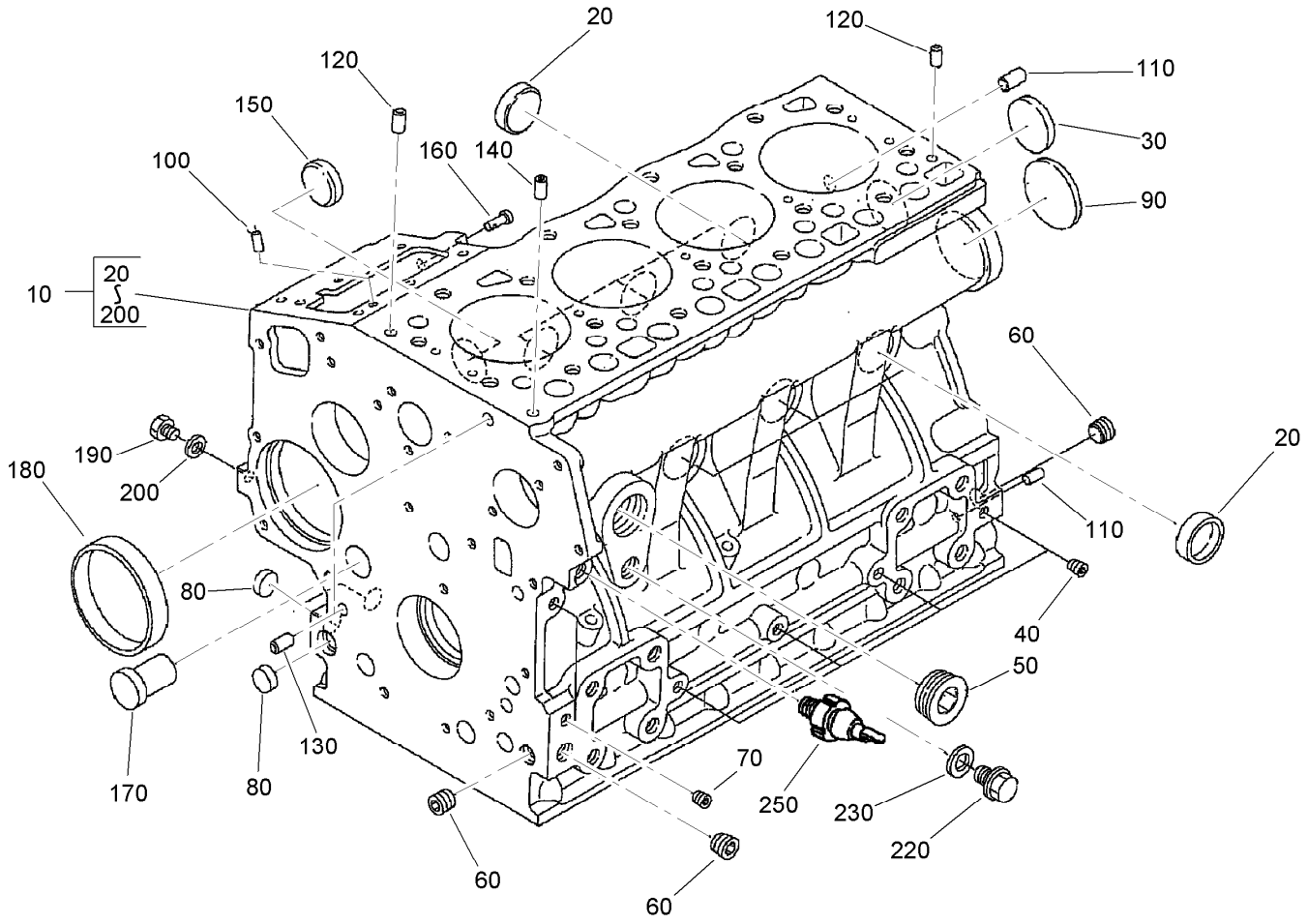
Ref.	Part Number	Qty.	Description
1	104-9979	1	Battery
2	66-2490	1	Retainer-Battery
3	110-0907-01	1	Bracket-Battery
4	3230-6	1	Bolt-CARR
5	99-3513	1	Tray-Battery
6	108-1802	1	Cable-Battery, Positive
7	110-8813	1	Cable-Battery, Negative
8	2410-42	2	Cap-End
9	3230-1	1	Bolt-CARR
10	104-8300	2	Nut-HF, NI
11	32104-32	2	Screw-HWH
12	104-8301	4	Nut-HF, NI
13	3231-21	4	Screw-CARR
14	110-8951-03	1	Bumper

Ref.	Part Number	Qty.	Description
15	108-9455	1	Harness-Wire, Fusible Link
16	99-7435	2	Relay
17	99-7430	1	Relay-Mini
18	106-3616	1	Harness-Wire, Main
19	3290-321	2	Screw-HWH
20	3296-2	2	Nut-Lock, NI
21	3234-13	1	Screw-HHF
22	3296-42	1	Nut-Lock, NI
50	108-6715	1	Gauge Bar ASM
50:2	32122-54	2	Screw-Head, Truss
50:3	108-6714	1	Stud-Weld
50:4	32103-3	3	Nut-Wing
50:5	108-6712	1	Decal-Gauge, Bar



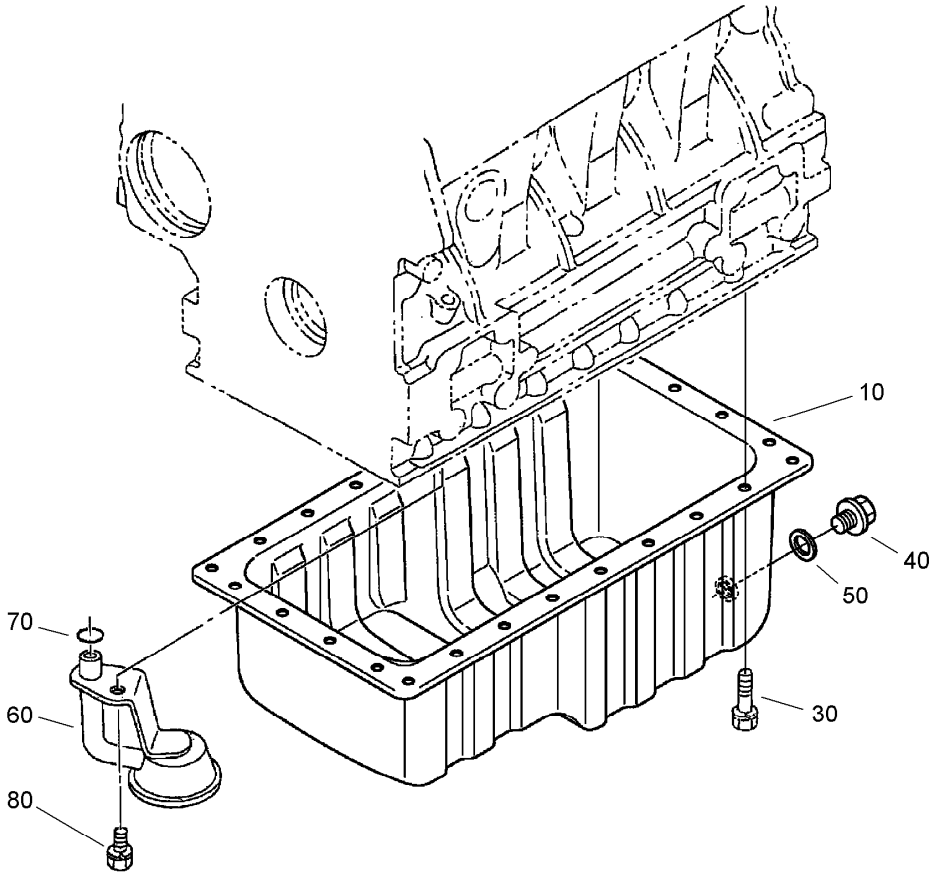
Hood and Body Panel Assembly

Ref.	Part Number	Qty.	Description
1	110-0964	2	Decal
2	108-7587	1	Saddle-Hood
3	110-8994	1	Hood ASM
3:2	106-6754	1	Decal-Danger
3:3	110-5252	1	Foam-Sealed
3:4	110-9002	1	Foil Tape Kit
4	103-2897	2	Latch-Catch
5	103-2898	2	Latch-Rubber
6	108-1762-03	1	Tube ASM
7	105-7512	2	Pin-Tie, Bow
8	66-6140	2	Decal
9	108-1790-03	2	Tube
10	32104-17	8	Screw-HWH
11	3234-21	10	Screw-HHF
13	104-7201	10	Nut-HF, NI
14	32105-13	4	Screw-HWH
15	3256-14	4	Washer-Flat
16	3296-12	4	Nut-Lock, NI
17	283-61	2	Pin-Yoke
19	107-8042	2	Bumper-Rubber
20	98-5398	1	Latch
21	110-0979-03	2	Bracket-Deflector
22	110-8999	1	Guard-Muffler
23	32104-32	6	Screw-HWH
24	104-1453	1	Grommet
26	105-4674	1	Decal-Noise
27	93-7252	1	Decal
28	93-6689	2	Decal-No Riders
29	99-4958	1	Spacer



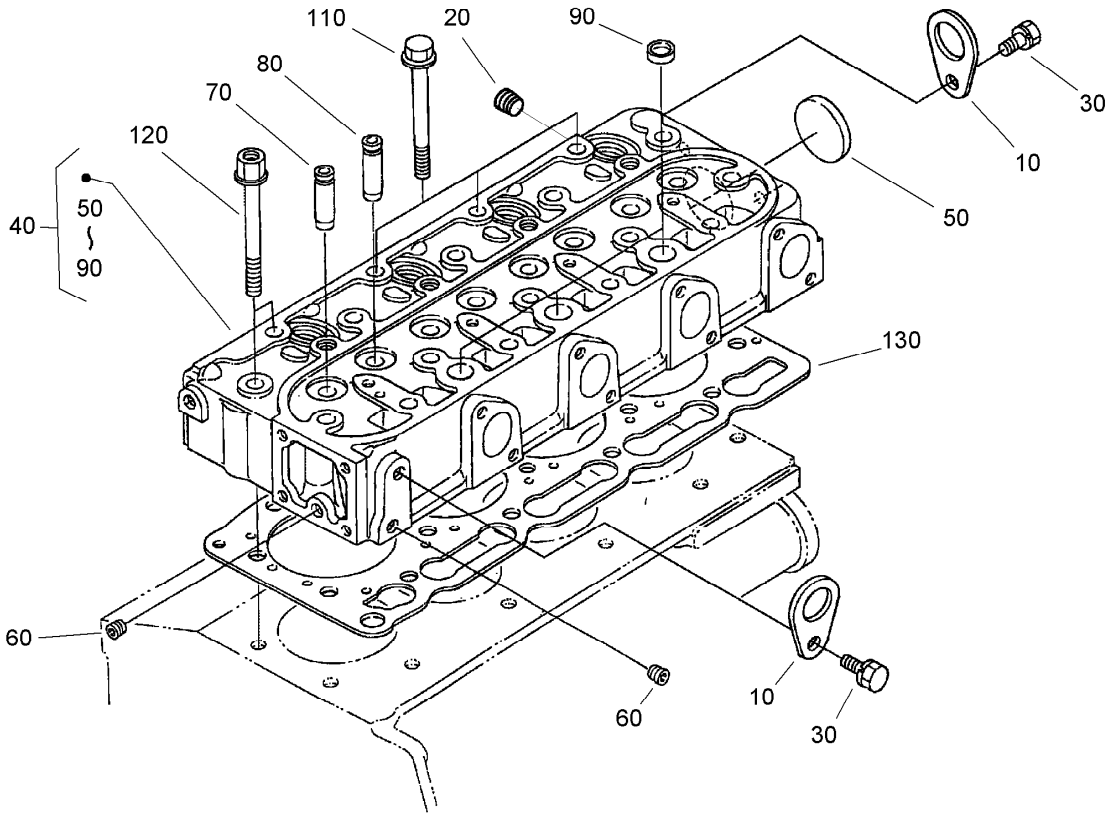
Crankcase Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	108-2851	1	Crankcase ASM
20	98-9398	6	Cap-Sealing
30	98-7539	1	Cap-Sealing
40	98-7540	4	Plug
50	105-3779	1	Plug
60	98-9597	3	Plug
70	98-7487	2	Plug
80	98-7489	3	Plug
90	98-9668	1	Plug-Expansion
100	98-9375	2	Pin-Straight
110	98-9377	2	Pin-Straight
120	105-3795	2	Pin-Straight
130	98-9387	2	Pin-Pipe
140	98-9539	1	Pin-Pipe
150	98-9599	1	Plug
160	105-3796	1	Pin-Spring, Start
170	98-9675	1	Plug
180	98-9656	1	Bushing-Governor, Gear
190	98-7507	1	Plug
200	98-7428	1	Gasket
220	99-3447	1	Plug
230	106-7056	1	Gasket
250	98-9416	1	Switch-Oil



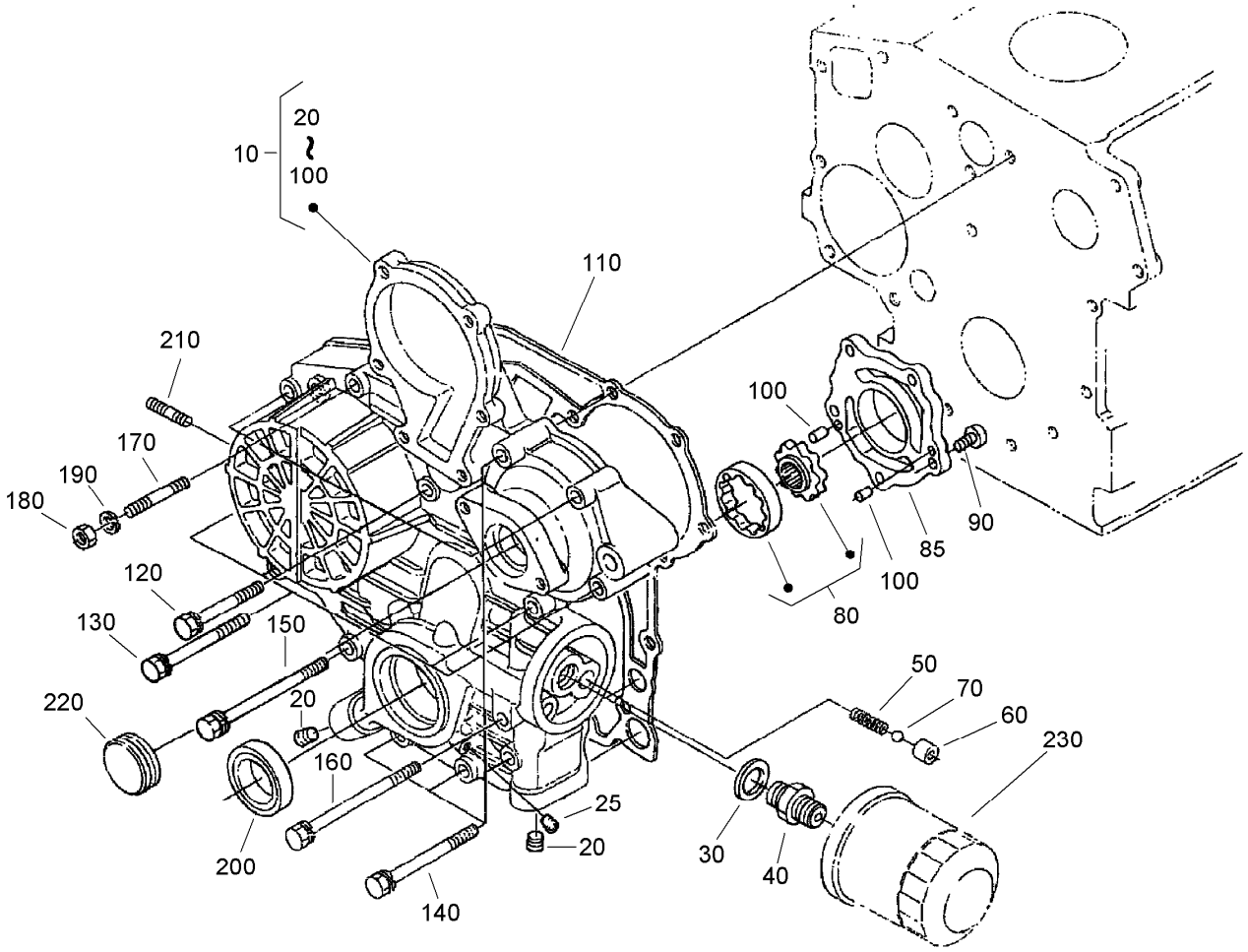
Oil Pan Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	112-0186	1	Oil Pan ASM
30	107-9065	26	Bolt
40	108-6572	1	Plug-Drain
50	110-3704	1	Gasket
60	108-2853	1	Head-Oil Filter
70	105-3776	1	O-Ring
80	98-7526	1	Bolt



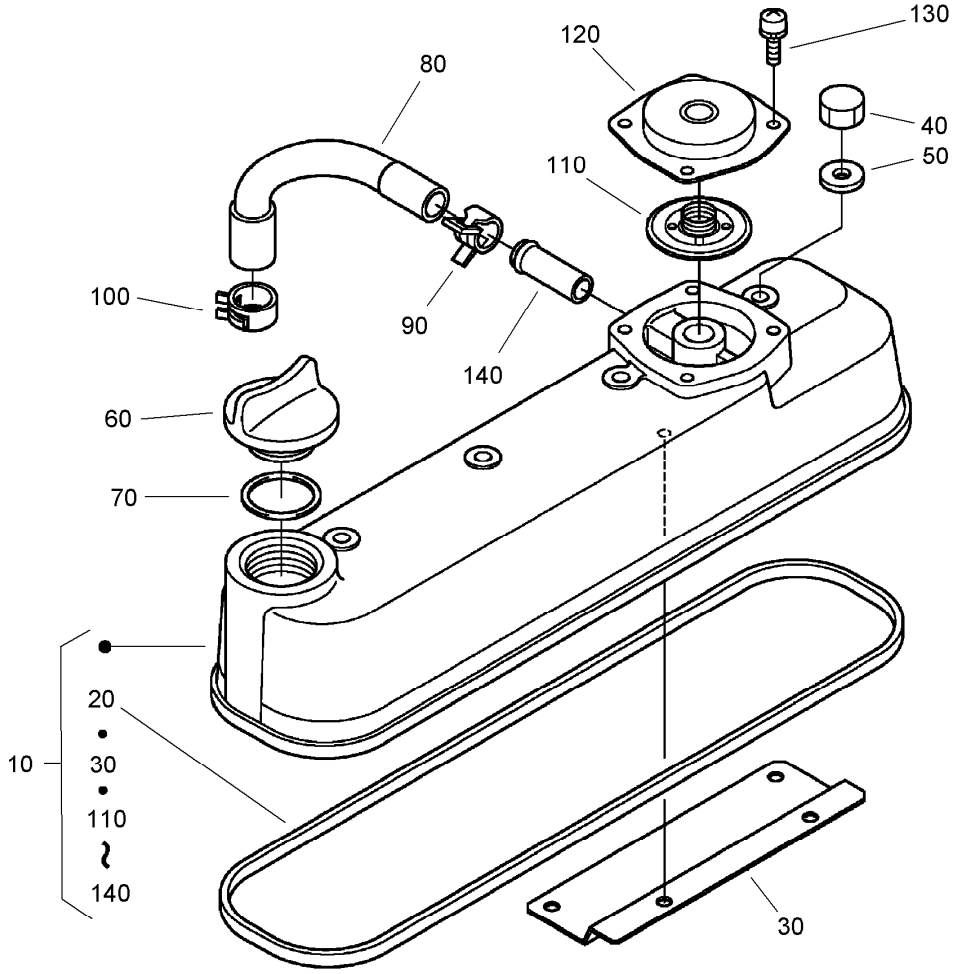
Cylinder Head Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-7531	2	Hook-Engine
20	98-9444	1	Plug
30	100-9195	2	Bolt
40	108-2854	1	Cylinder Head ASM
50	98-9395	1	*obs* Cap-Sealing
60	98-7540	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



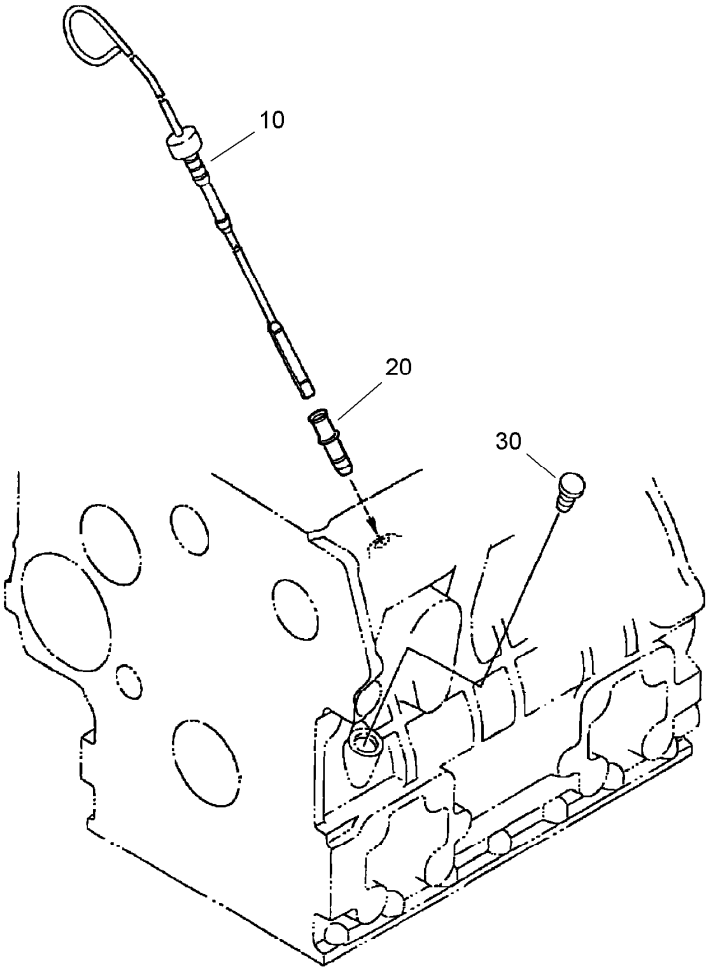
Gear Case Assembly

Ref.	Part Number	Qty.	Description
10	107-9068	1	Gear Case ASM
20	98-9598	2	Plug
25	98-7487	1	Plug
30	98-7562	1	Washer-Plain
40	98-9388	1	Joint-Pipe
50	98-9544	1	Spring
60	98-9543	1	Seat-Valve
70	98-9380	1	Ball
80	98-9540	1	Oil Pump Rotor ASM
85	107-9069	1	Cover-Pump, Oil
90	107-9071	5	Screw
100	107-9072	2	Pin-Straight
110	98-9633	1	Gasket-Case, Gear
120	107-9073	3	Bolt
130	105-3797	4	Bolt
140	98-9356	4	Bolt
150	107-9074	1	Bolt
160	98-9586	1	Bolt
170	105-3709	1	Stud
180	98-7572	1	Nut
190	98-7699	1	Washer-Spring
200	98-9482	1	Seal-Oil
210	105-3710	2	Stud
220	98-9641	1	Cover-Case, Gear
230	108-3841	1	Filter-Oil



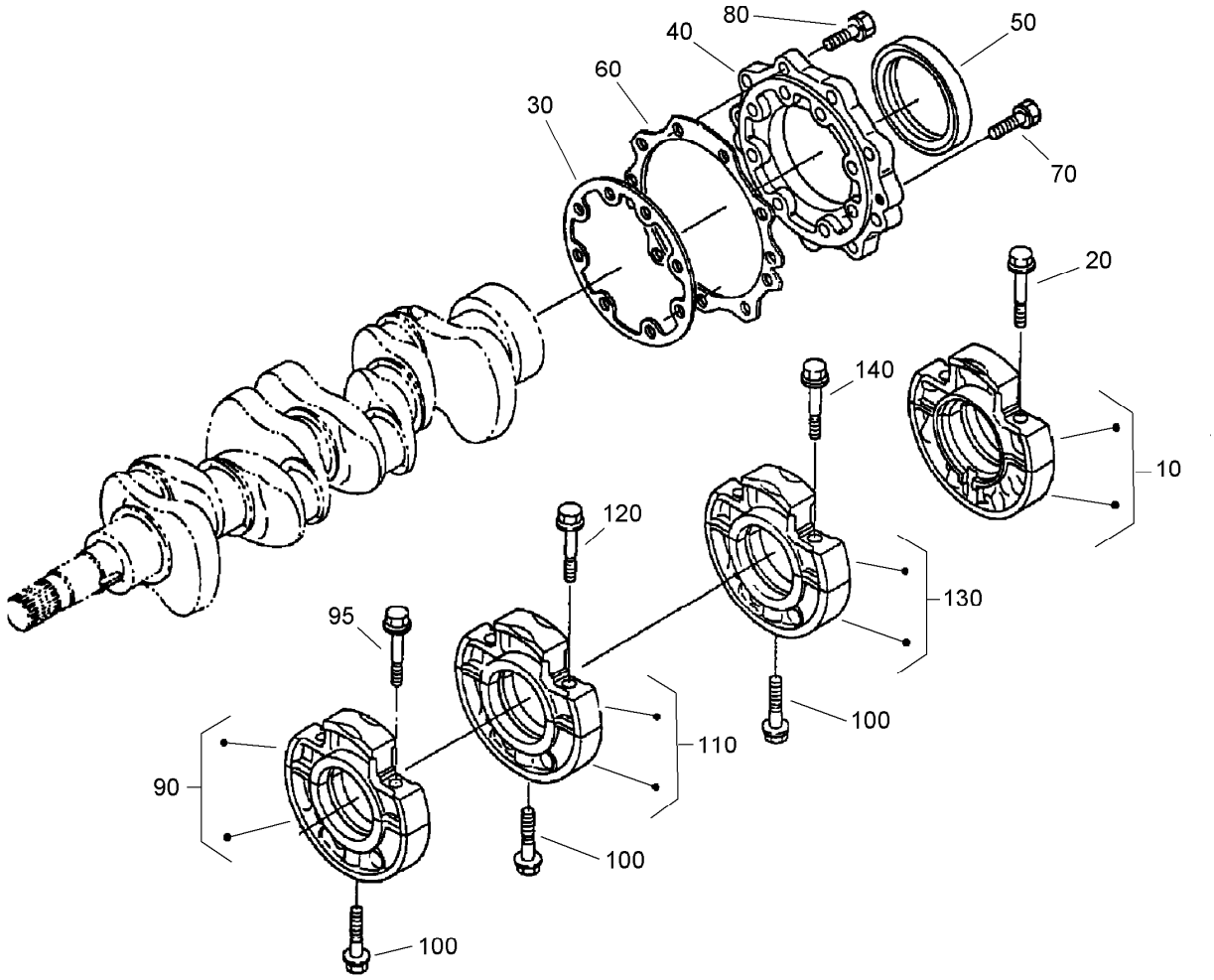
Cylinder Head Cover Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	108-2856	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



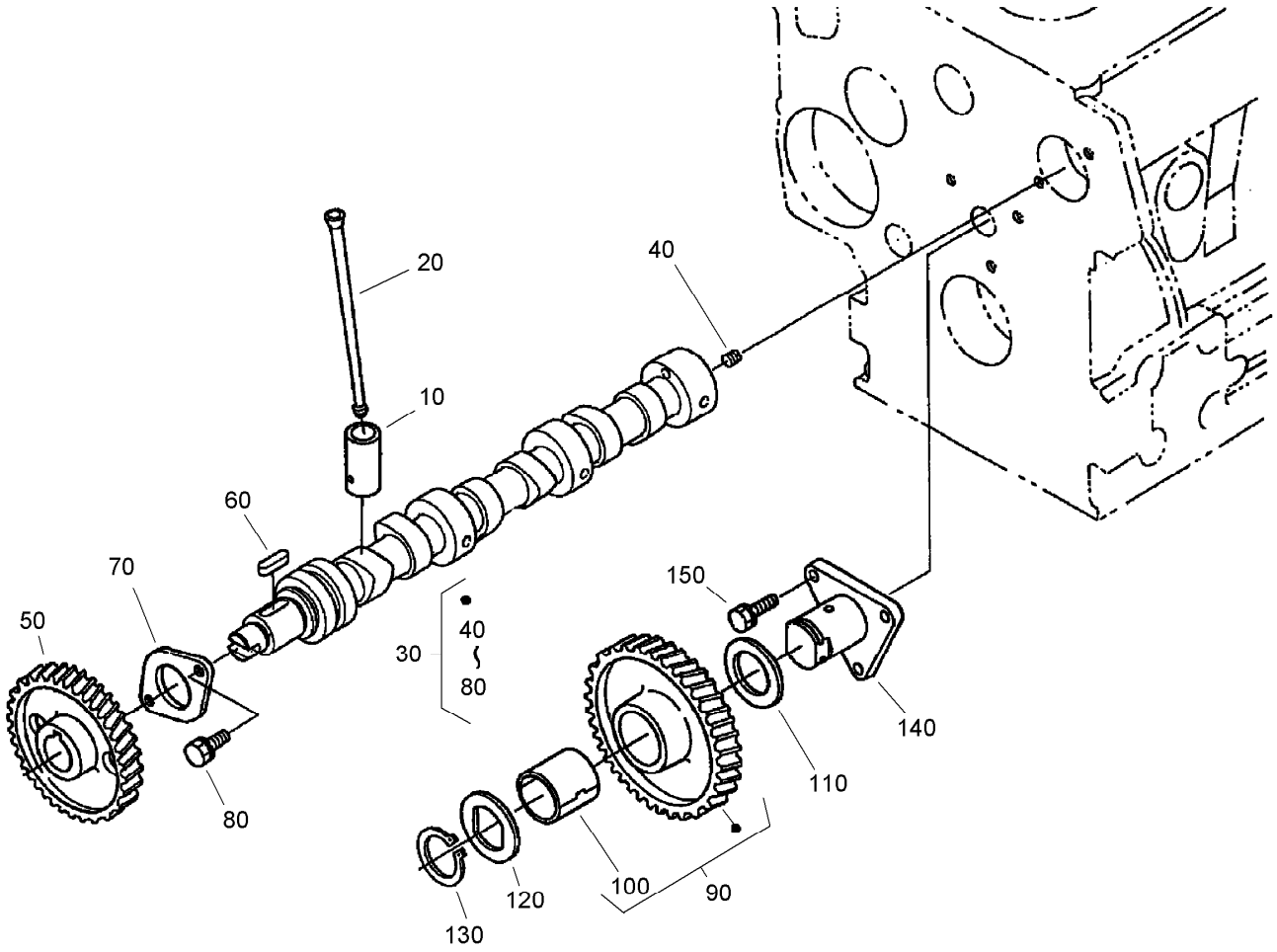
Oil Gauge Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	105-3714	1	Gauge-Oil
20	105-3713	1	Guide-Gauge, Oil
30	110-3720	1	Plug-Gauge, Oil



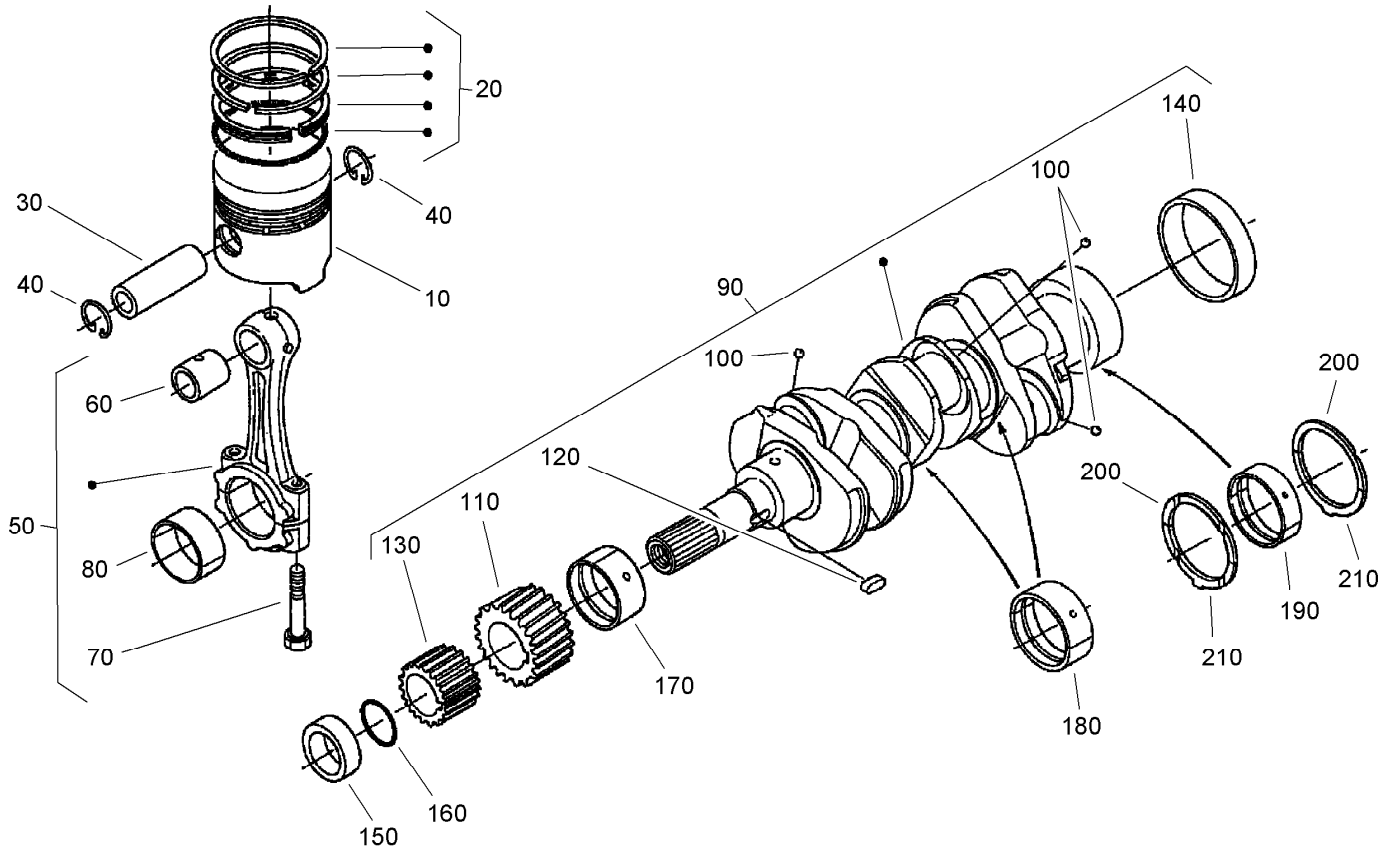
Main Bearing Case Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-9480	1	Main Bearing Case ASM
20	98-9484	2	Bolt-Case, Bearing
30	98-9634	1	Gasket-Case, Bearing
40	98-9487	1	Cover-Case, Bearing
50	112-0180	1	Seal-Oil
60	98-9635	1	Gasket-Cover, Bearing Case
70	98-9352	8	Bolt
80	98-7568	9	Bolt
90	98-9606	1	Main Bearing Case ASM
95	98-9484	2	Bolt-Case, Bearing
100	98-9485	3	Bolt-Case, Bearing
110	98-9607	1	Main Bearing Case ASM
120	98-9484	2	Bolt-Case, Bearing
130	108-2864	1	Main Bearing Case ASM
140	98-9484	2	Bolt-Case, Bearing



Cam Shaft and Idle Gear Assembly

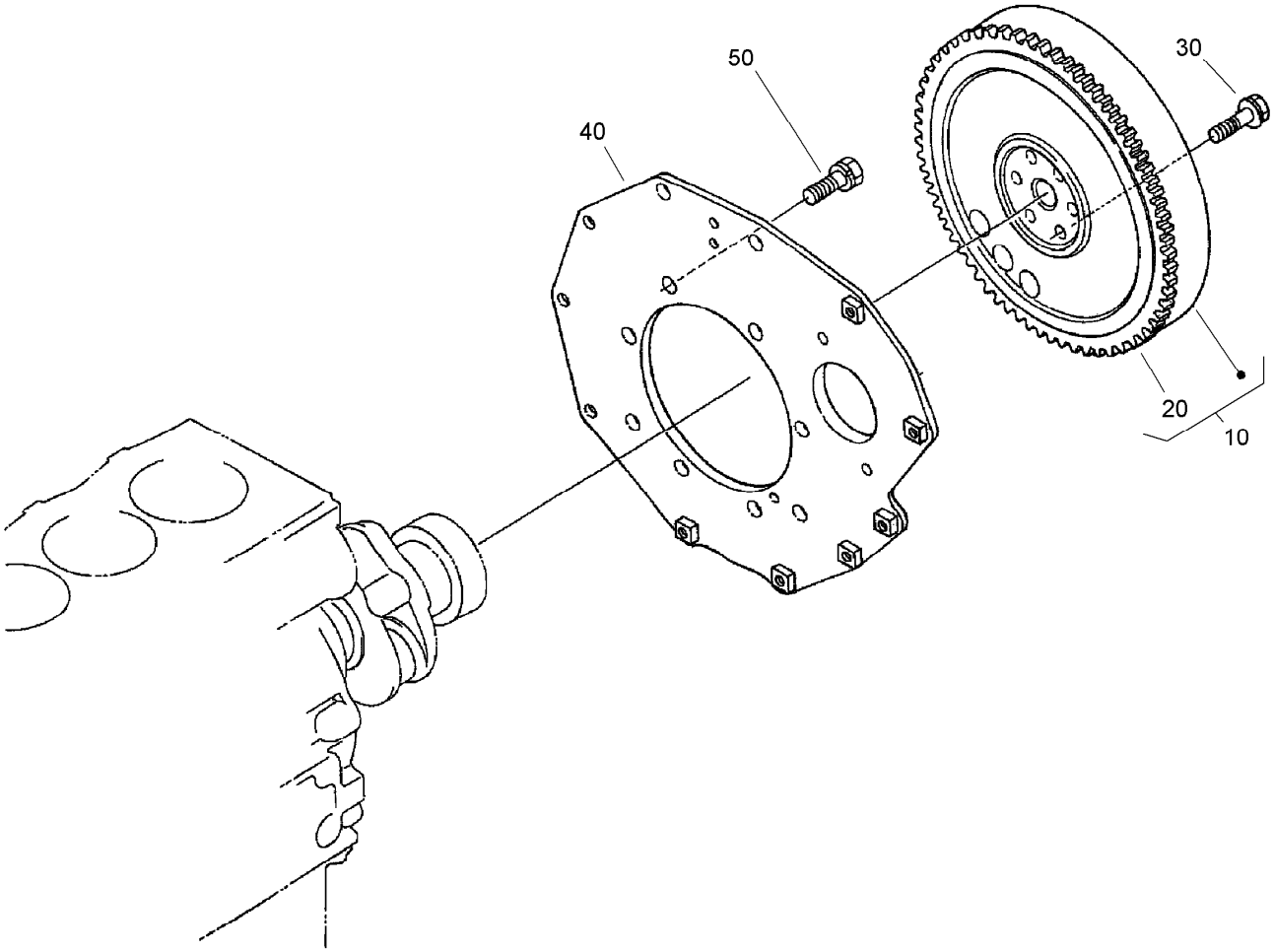
Ref.	*Part Number*	*Qty.*	*Description*
10	112-0185	8	Tappet
20	98-9509	8	Rod-Push
30	108-2865	1	Camshaft ASM
40	98-7449	1	Screw-Set
50	98-9512	1	Gear-Cam
60	98-9378	1	Key-Feather
70	98-9510	1	Stopper-Camshaft
80	98-7692	2	Bolt
90	98-9649	1	Idle Gear ASM
100	98-9650	1	Bushing-Gear, Idle
110	98-9535	1	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



Connecting Rod and Piston Assembly

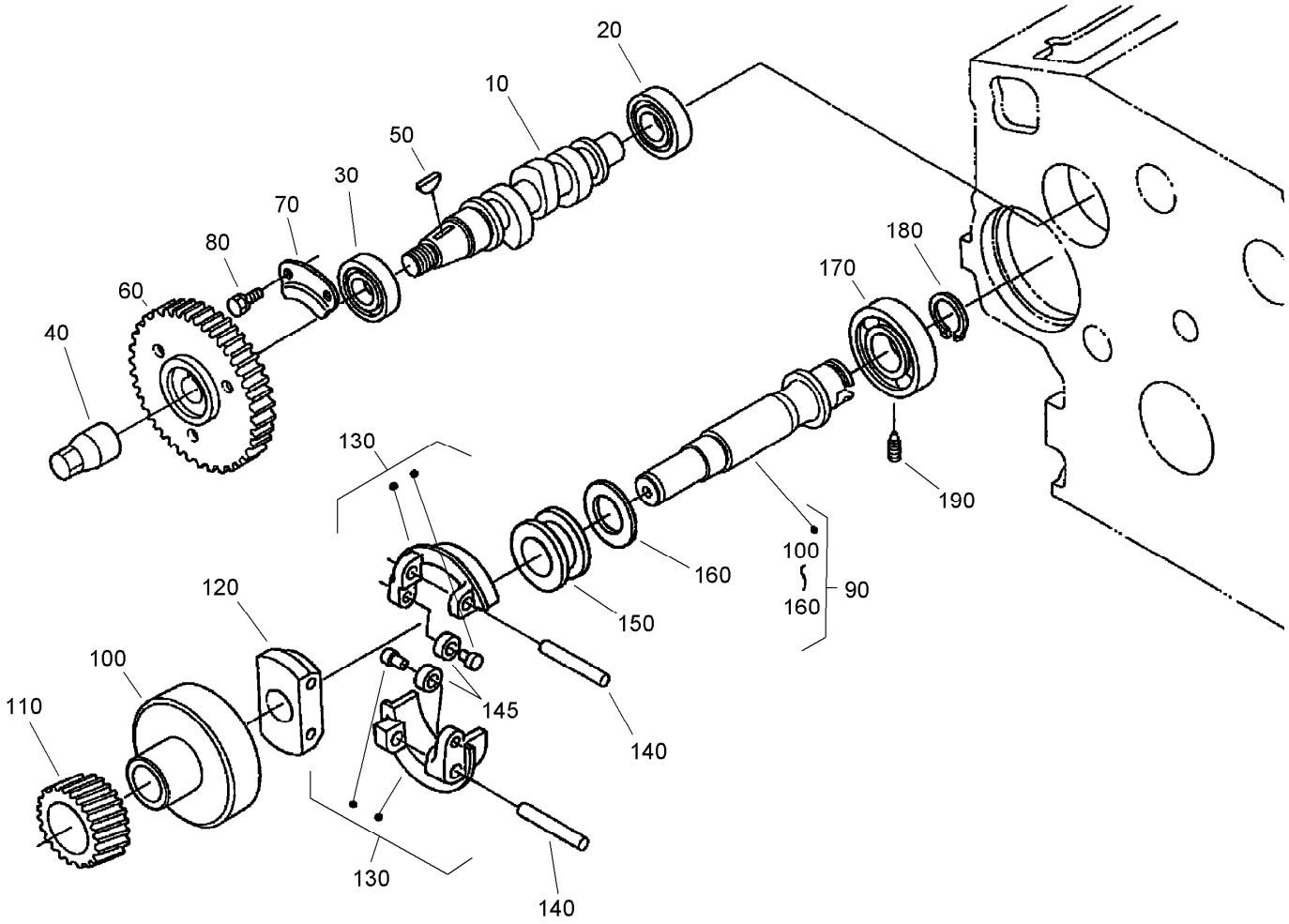
Ref.	Part Number	Qty.	Description
10	98-9470	4	Piston (0.5MM)
10	98-9469	4	*obs* Piston (STD)
20	98-9551	4	Piston Ring ASM (STD)
20	108-1404	4	Piston Ring ASM (+0.5MM)
30	98-9513	4	Pin-Piston
40	98-9514	8	Circlip-Pin, Piston
50	98-9516	4	Connecting Rod ASM
60	98-9515	4	Bushing-Pin, Piston
70	98-9517	8	Bolt-Rod, Connecting
80	98-9520	4	Bearing-Rod (0.4MM)
80	98-9519	4	Bearing-Rod (-0.2MM)
80	98-9518	4	Metal-Crankpin (STD)
90	105-3718	1	Crankshaft ASM
100	110-3729	4	Ball
110	98-9532	1	Gear-Crankshaft
120	98-9666	1	Key
130	98-9542	1	Gear-Drive, Oil Pump
140	98-9522	1	Sleeve-Crankshaft

Ref.	Part Number	Qty.	Description
150	98-9521	1	Collar-Crankshaft
160	105-3783	1	O-Ring
170	98-9523	1	Metal Crankshaft (STD)
170	98-9528	1	Bearing-Main (-0.2MM)
170	98-9529	1	Bearing-Main (0.4MM)
180	98-9524	3	Metal-Crankshaft (STD Set)
180	98-9530	3	Bearing-Main (0.2MM)
180	98-9531	3	Bearing-Main (0.4MM)
190	98-9556	1	Bearing-Main (STD)
190	105-3719	1	Metal-Crankshaft (.2MM)
190	105-3720	1	Metal-Crankshaft (.4MM)
200	98-9413	2	Bearing-Thrust (STD)
200	98-9414	2	Bearing-Thrust (0.2MM)
200	98-9415	2	Bearing-Thrust (0.4MM)
210	98-9688	2	Bearing-Thrust (STD)
210	98-9689	2	Bearing-Thrust (0.2MM)
210	98-9690	2	Bearing-Thrust (0.4MM)



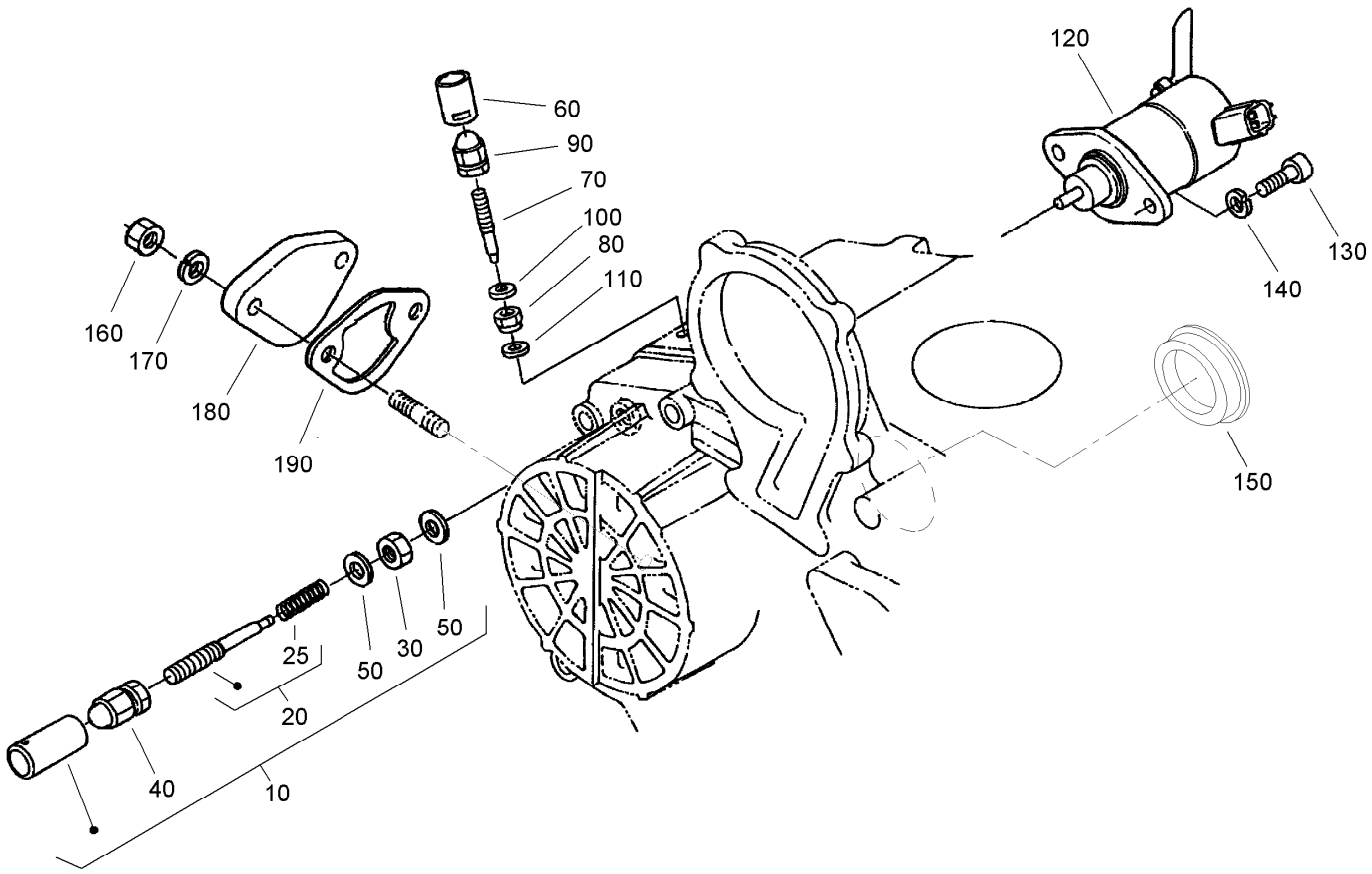
Flywheel Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	105-3721	1	Flywheel ASM
20	105-3722	1	Gear-Ring
30	98-9537	6	Bolt-Flywheel
40	98-9486	1	Plate-End, Rear
50	98-9392	8	Bolt



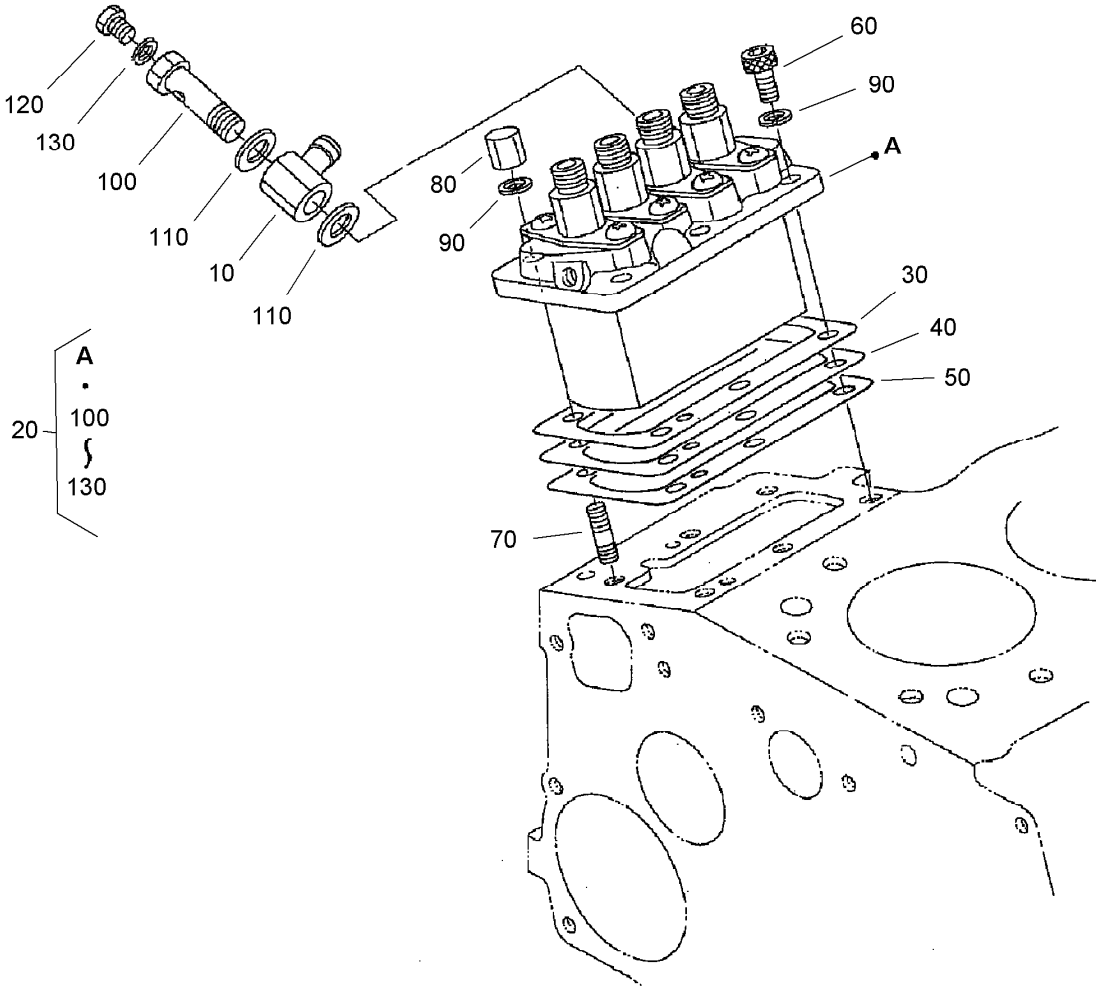
Fuel Camshaft and Governor Shaft Assembly

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



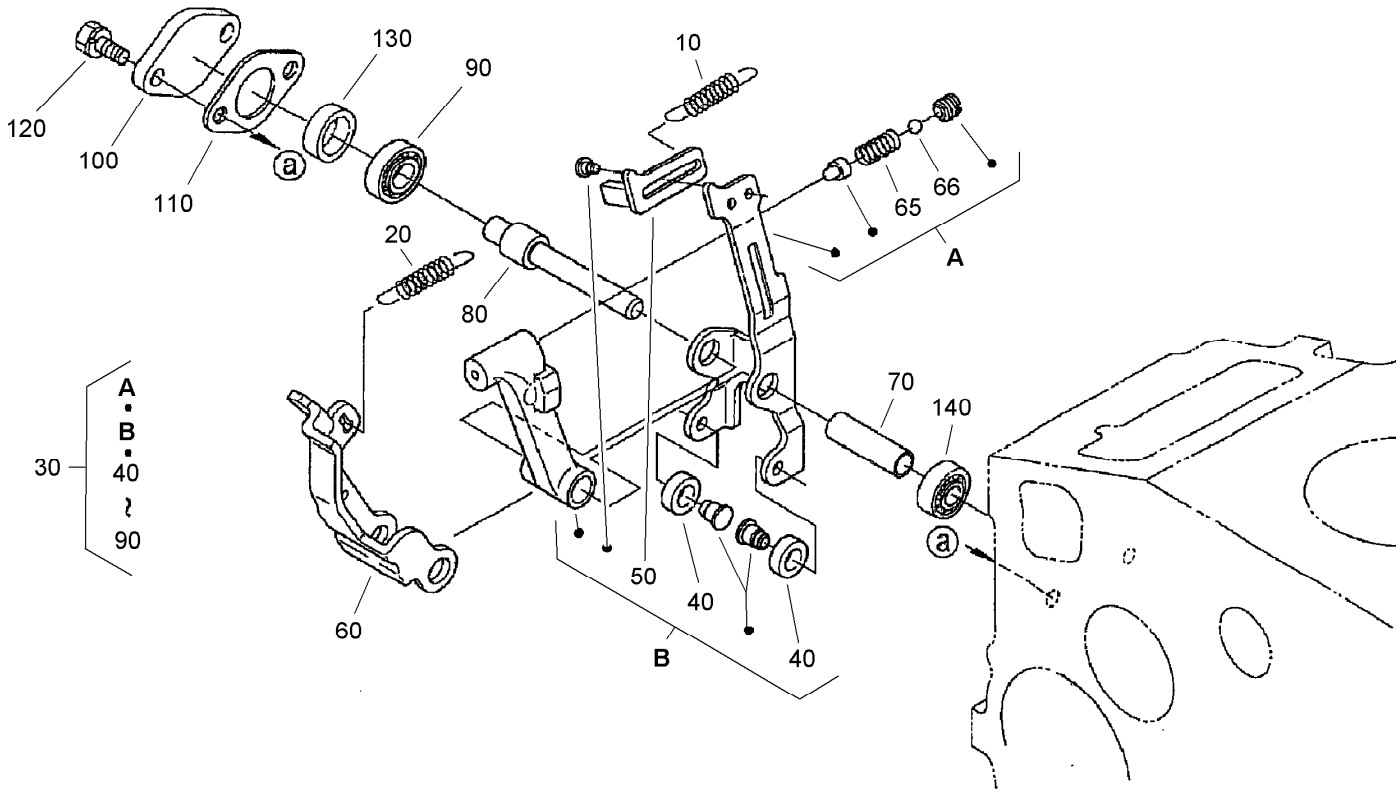
Idle Apparatus and Solenoid Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-9678	1	Idle Apparatus ASM
20	98-9679	1	Adjusting Bolt ASM
25	107-9080	1	Spring
30	98-9439	1	Nut
40	112-0181	1	Nut
50	98-7654	2	Gasket
60	98-7656	1	Cap
70	98-9557	1	Bolt-Adjusting
80	99-3512	1	Nut
90	112-0181	1	Nut
100	98-7654	1	Gasket
110	107-9081	1	Gasket
120	104-5155	1	Solenoid-Stop
130	105-3799	2	Bolt-HSH
140	98-7699	2	Washer-Spring
150	98-9640	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



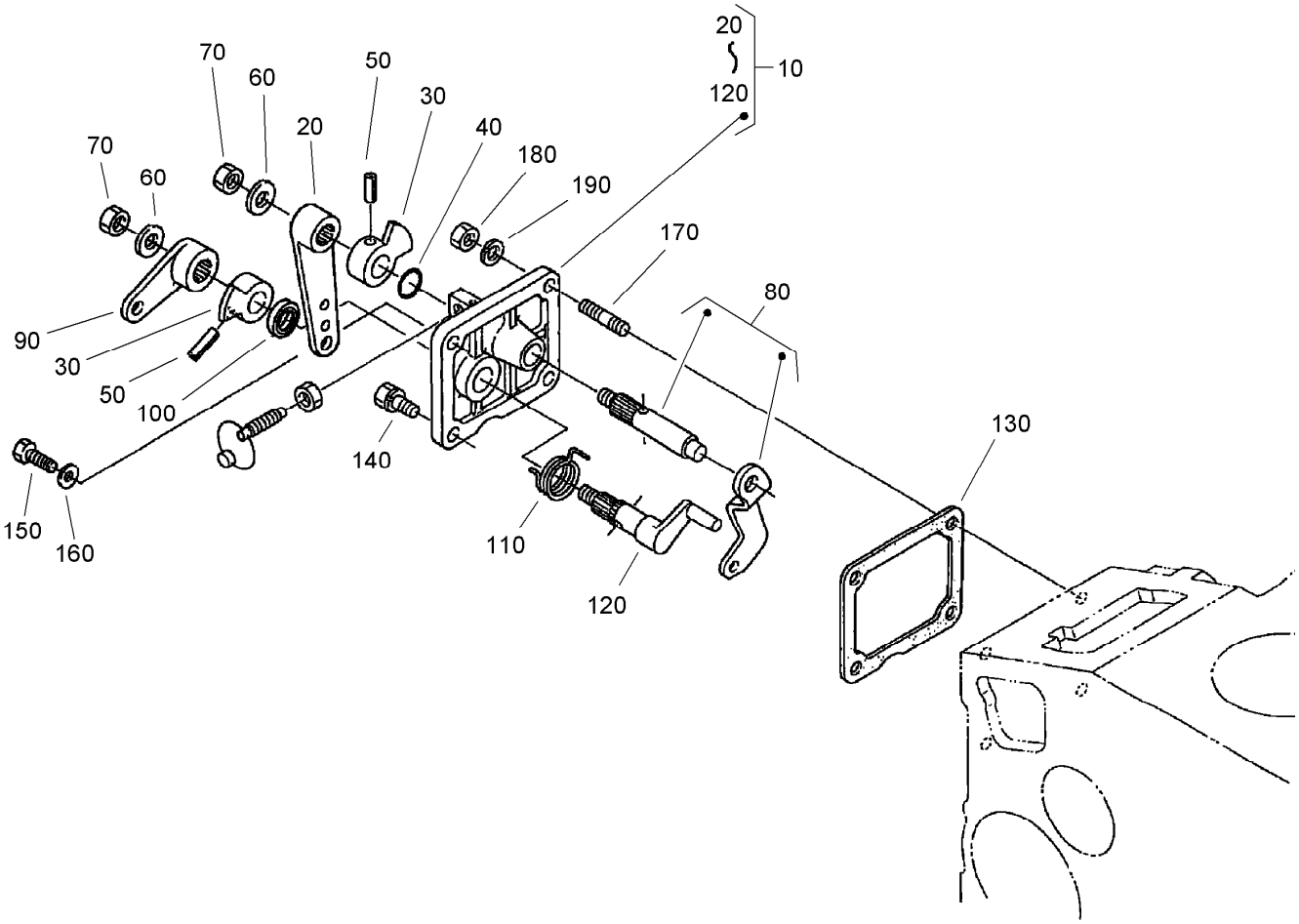
Injection Pump Assembly

Ref.	*Part Number*	*Qty.*	*Description*
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)
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



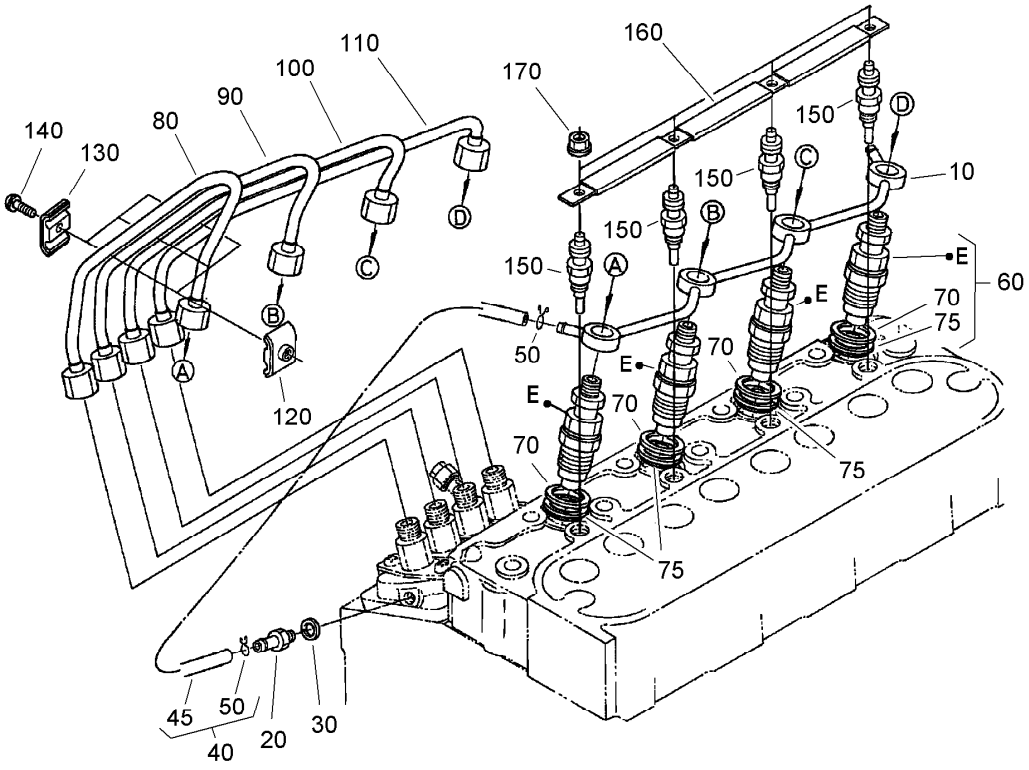
Governor Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	105-3741	1	Spring-Start
20	98-9681	1	Spring-Governor
30	107-9082	1	Fork Lever ASM
40	98-9692	2	Roller
50	107-9083	1	Lever-Thrust
60	107-9084	1	Lever-Fork
65	108-2867	1	Spring
66	98-7580	2	Ball
70	107-9085	1	Shaft-Lever, Fork
80	107-9086	1	Shaft-Lever, Fork
90	98-9570	1	Bearing-Miniaturize
100	98-9569	1	Cover-Shaft, Fork Lever
110	98-9682	1	Gasket
120	98-9351	2	Bolt
130	98-9567	1	Collar
140	98-9571	1	Bearing-Miniaturize



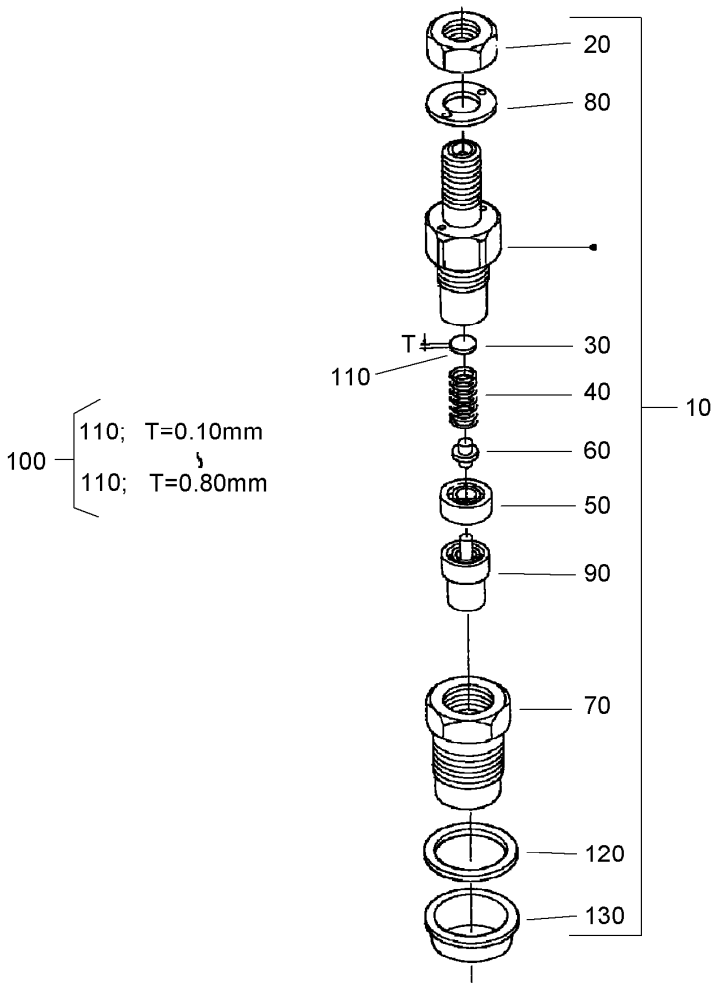
Speed Control Plate Assembly

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



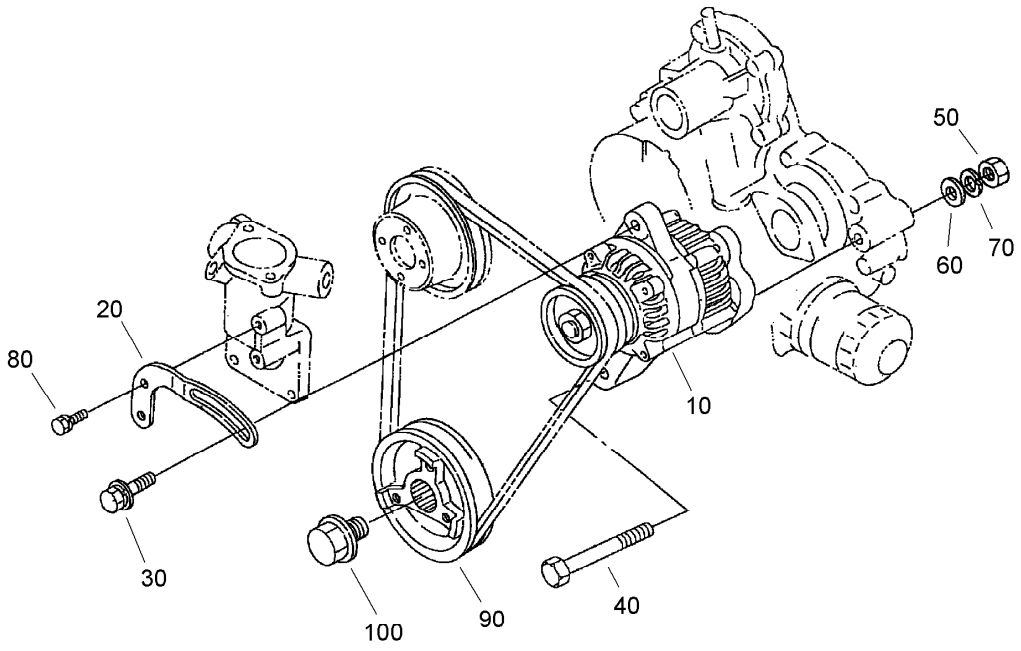
Injector Assembly

Ref.	*Part Number*	*Qty.*	*Description*
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	108-2866	4	Nozzle Holder Kit
70	98-7676	4	Gasket
75	98-7677	4	Seal-Heat
80	98-9653	1	Pipe-Injection
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	98-9695	4	Plug-Glow
160	105-3739	1	Cord-Plug, Glow
170	99-8377	4	Nut-Flange



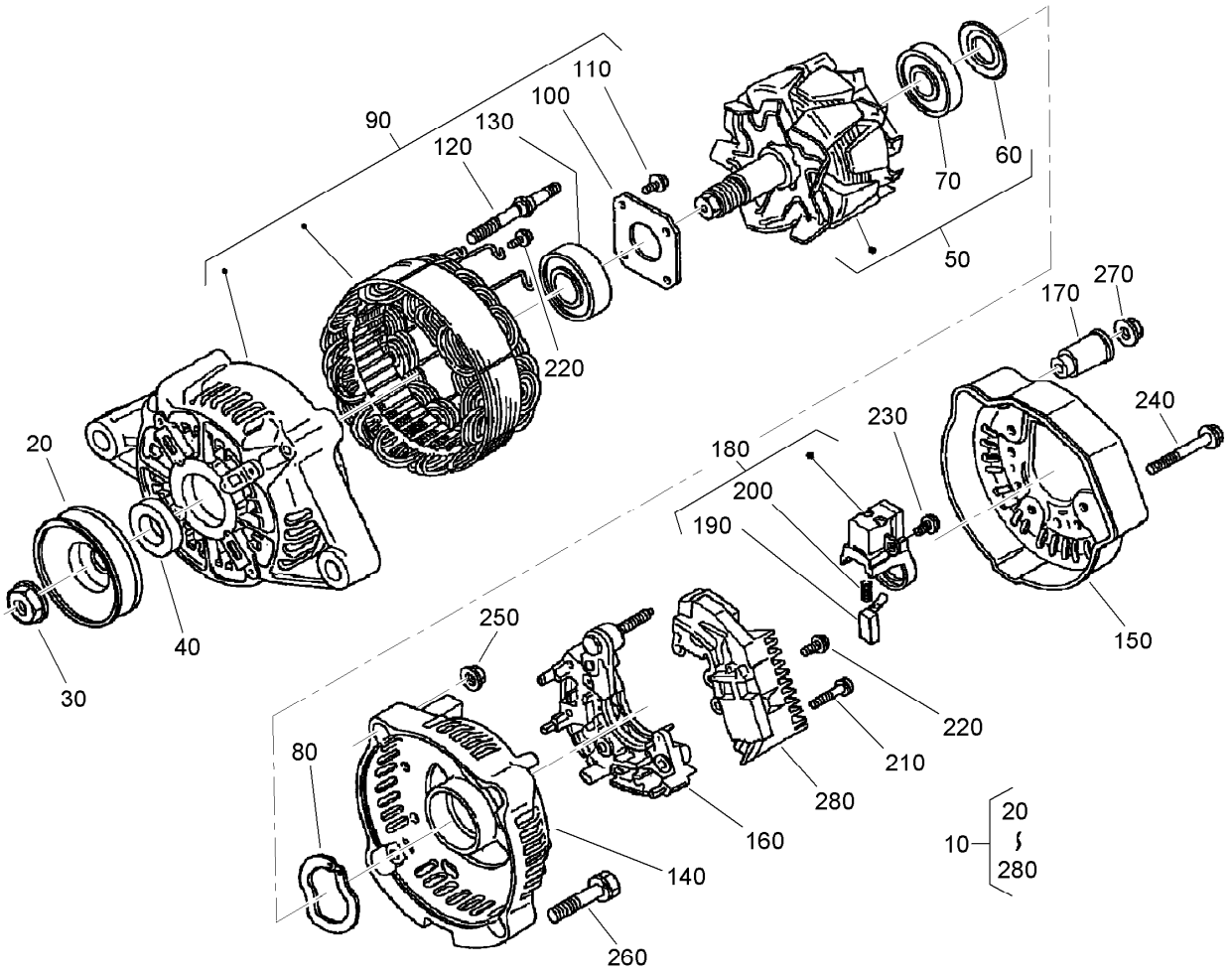
Nozzle Holder Component Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	108-2866	4	Nozzle Holder Kit
20	99-8301	4	Nut
30	99-8302	4	Washer-Adjusting
40	99-8303	4	Spring-Nozzle
50	99-8304	4	Spacer-Distance
60	99-8305	4	Rod-Push
70	99-8306	4	Nut-Nozzle
80	99-8307	4	Washer-Plain
90	107-7826	4	Piece-Nozzle
100	99-8309	4	Adjusting Washer ASM
110	99-8310	4	Washer-Adjust (0.10MM)
110	99-8311	4	Washer-Adjust (0.20MM)
110	99-8312	4	Washer-Adjust (0.30MM)
110	99-8313	4	Washer-Adjust (0.40MM)
110	99-8314	4	Washer-Adjust (0.50MM)
110	99-8315	4	Washer-Adjust (0.52MM)
110	99-8316	4	Washer-Adjust (0.54MM)
110	99-8317	4	Washer-Adjust (0.56MM)
110	99-8318	4	Washer-Adjust (0.58MM)
110	99-8319	4	Washer-Adjust (0.80MM)
120	98-7676	4	Gasket
130	98-7677	4	Seal-Heat



Alternator Assembly

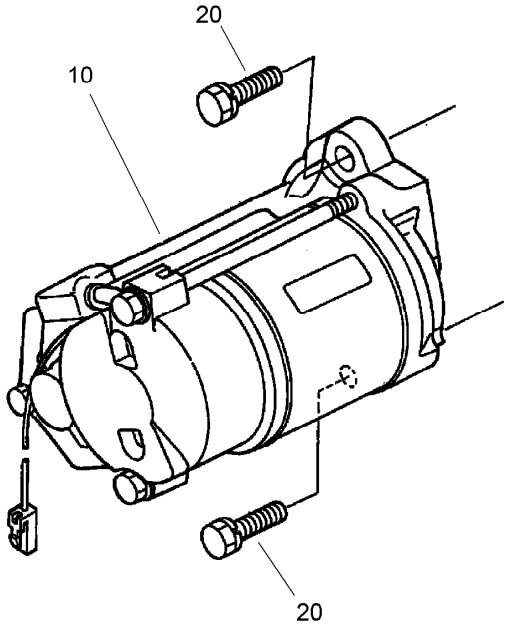
Ref.	*Part Number*	*Qty.*	*Description*
10	98-9474	1	Alternator ASM
20	98-9573	1	Stay-Dynamo
30	108-7088	1	Bolt
40	98-9360	1	Bolt
50	98-7737	1	Nut
60	98-7696	1	Washer-Plain
70	98-7738	1	Washer-Spring
80	98-7692	1	Bolt
90	105-3745	1	Pulley-Drive, Fan
100	98-9585	1	Bolt



Alternator Assembly No. 98-9474

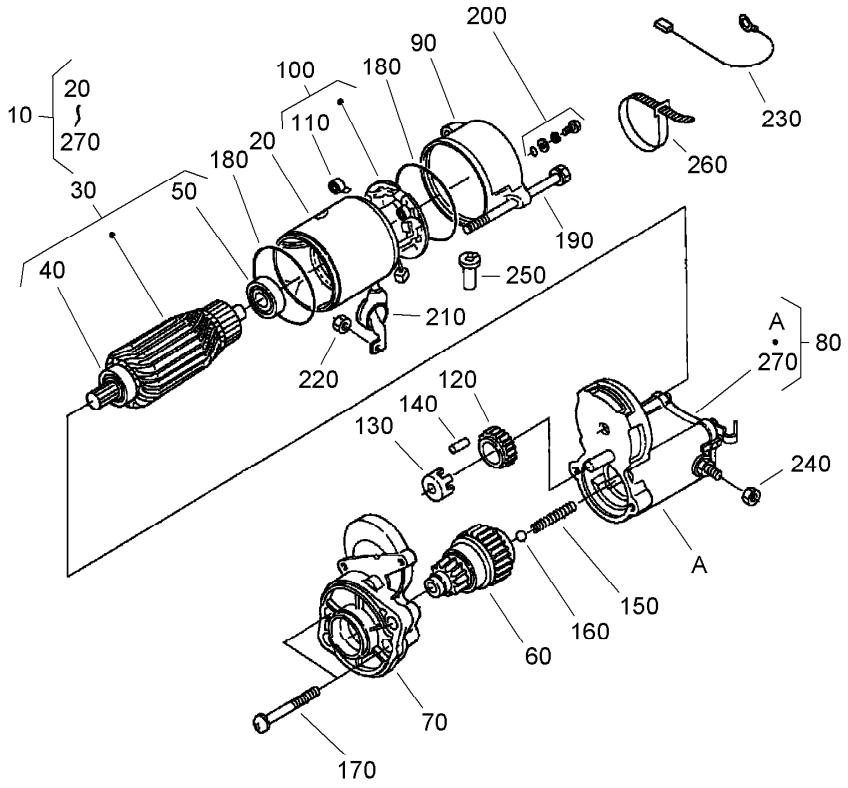
Ref.	Part Number	Qty.	Description
10	98-9474	1	Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	98-7709	1	Collar
50	107-0136	1	Rotor ASM
60	98-7711	1	Cover-Bearing
70	107-0138	1	Bearing-Ball
80	98-7713	1	Washer-Thrust
90	107-0139	1	Drive End Frame ASM
100	98-7715	1	Plate-Retainer
110	98-7716	4	Screw-Head, Round
120	98-7717	2	Bolt-Through
130	107-0137	1	Bearing-Ball
140	107-9087	1	Frame-End

Ref.	Part Number	Qty.	Description
150	107-0140	1	Cover-End
160	98-9476	1	Rectifier ASM
170	98-7722	1	Bushing-Insulation
180	107-0141	1	Brush Holder ASM
190	98-7724	2	Brush
200	98-7725	2	Spring-Brush
210	98-7726	2	Screw-Head, Round
220	98-7727	6	Screw-Head, Round
230	98-7728	1	Screw-Head, Round
240	98-7729	3	Bolt
250	98-7730	2	Nut
260	98-7731	2	Bolt
270	98-7732	1	Nut
280	110-3799	1	Regulator ASM



Starter Assembly

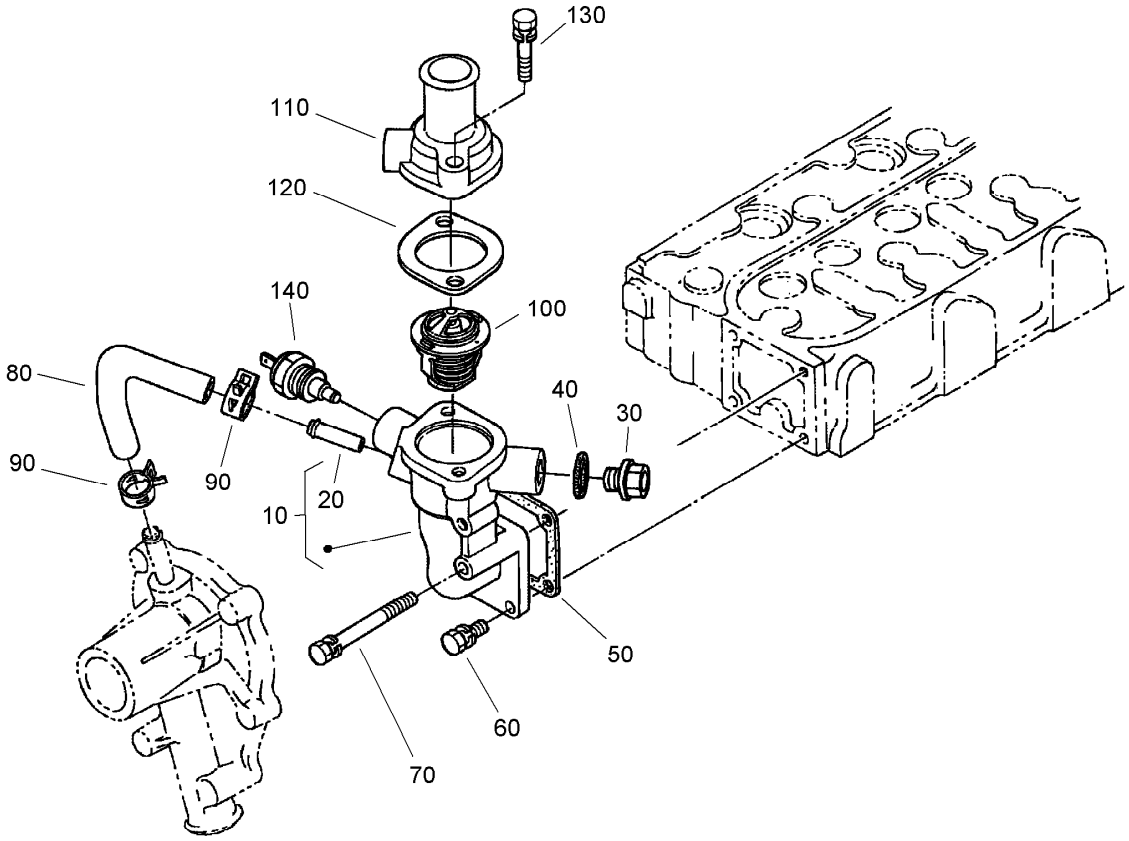
Ref.	*Part Number*	*Qty.*	*Description*
10	98-9705	1	Starter ASM
20	98-7697	2	Bolt



Starter Assembly No. 98-9705

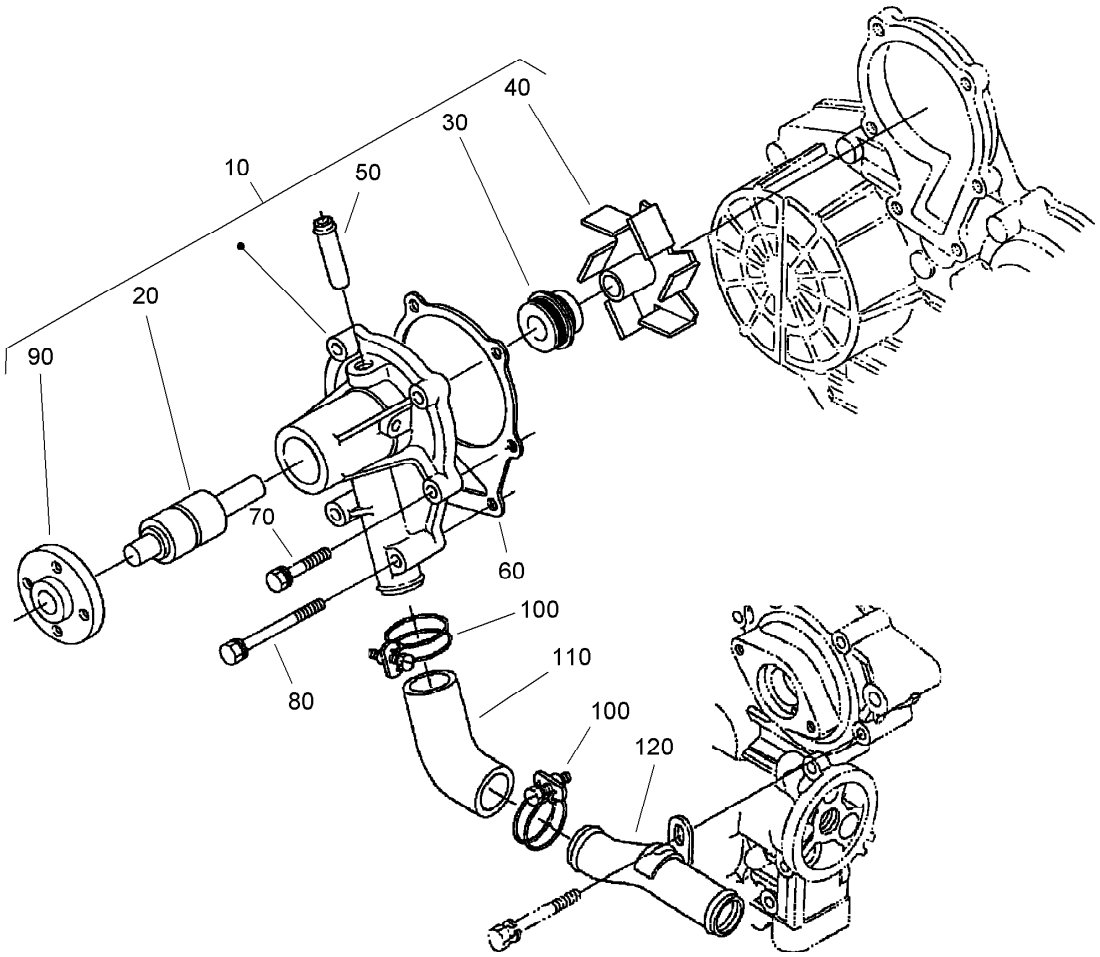
Ref.	Part Number	Qty.	Description
10	98-9705	1	Starter ASM
20	104-8608	1	Yoke ASM
30	98-7742	1	Armature ASM
40	98-7744	1	Bearing
50	98-7743	1	Bearing
60	99-8373	1	Clutch-Running, Over
70	99-8374	1	Frame-End, Drive
80	105-3746	1	Magnetic Switch ASM
90	98-7748	1	Frame-End
100	98-7749	1	Brush Holder ASM
110	98-7750	4	Spring-Brush
120	98-7751	1	Gear
130	98-7752	1	Retainer
140	98-7753	5	Roller

Ref.	Part Number	Qty.	Description
150	98-7754	1	Spring
160	98-7755	1	Ball
170	98-7756	2	Bolt
180	98-7757	2	O-Ring
190	100-9240	2	Bolt
200	98-7758	2	Bolt ASM
210	99-8375	1	Cover
220	99-8371	1	Nut-Hex
230	98-9711	1	Cord-Solenoid, Stop
240	99-8376	1	Nut-Hex
250	98-7759	1	Pipe-Drain
260	98-9712	1	Band-Cover
270	105-2886	1	Cover ASM



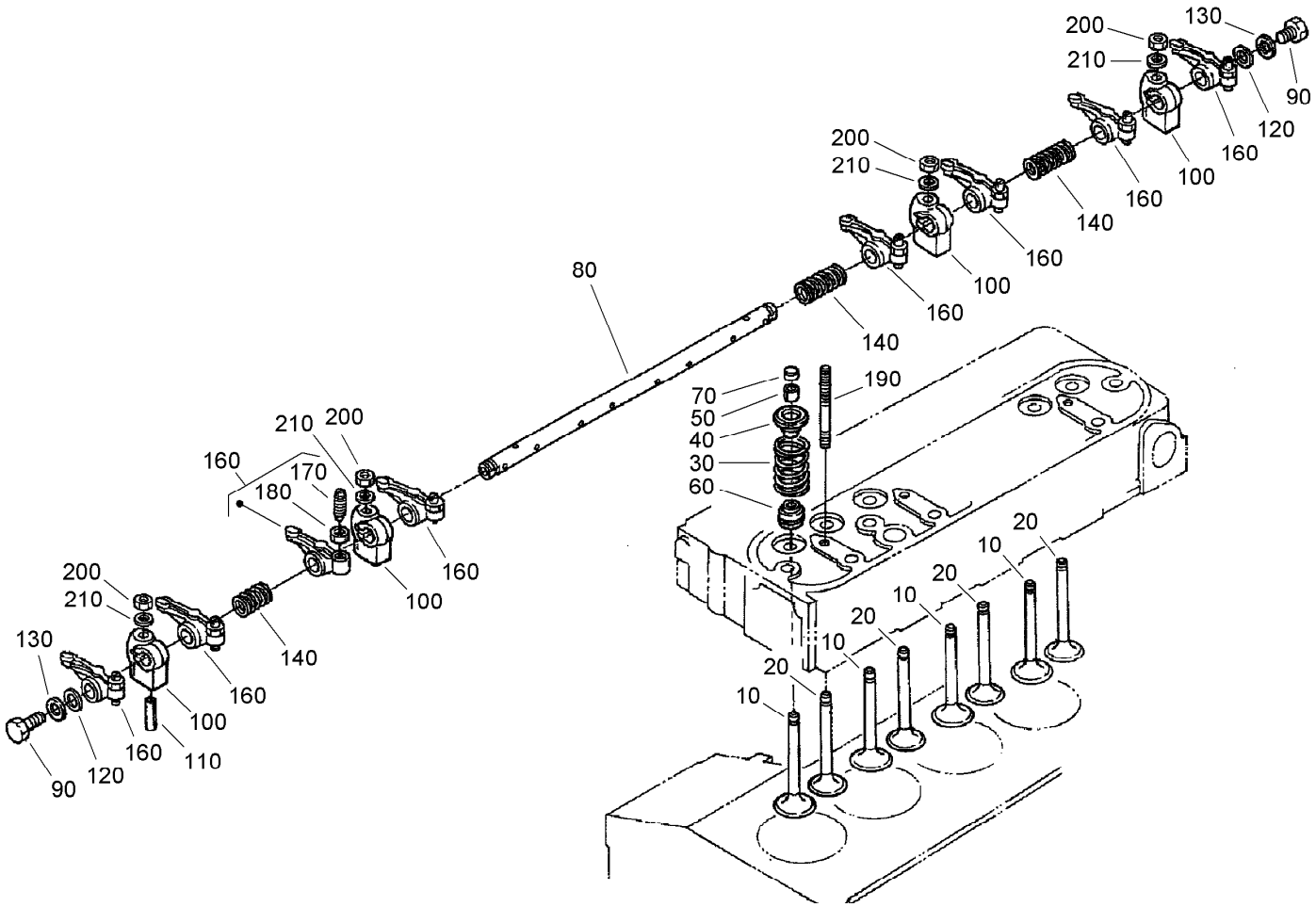
Thermostat Assembly

Ref.	*Part Number*	*Qty.*	*Description*
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



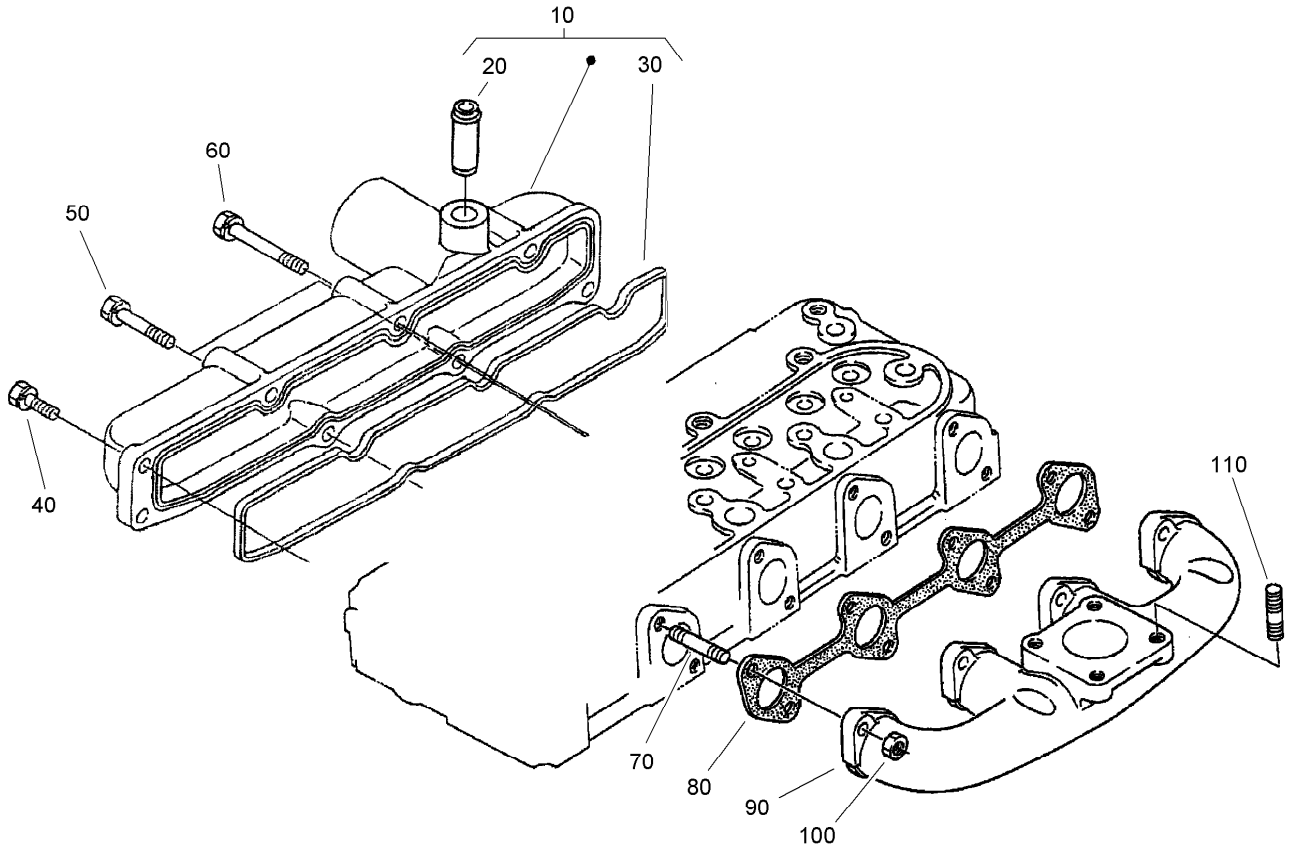
Water Pump Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	107-9089	1	Water Pump ASM
20	99-3517	1	Bearing-Pump, Water
30	105-3750	1	Mechanical Seal ASM
40	99-3519	1	Impeller-Pump, Water
50	98-9577	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



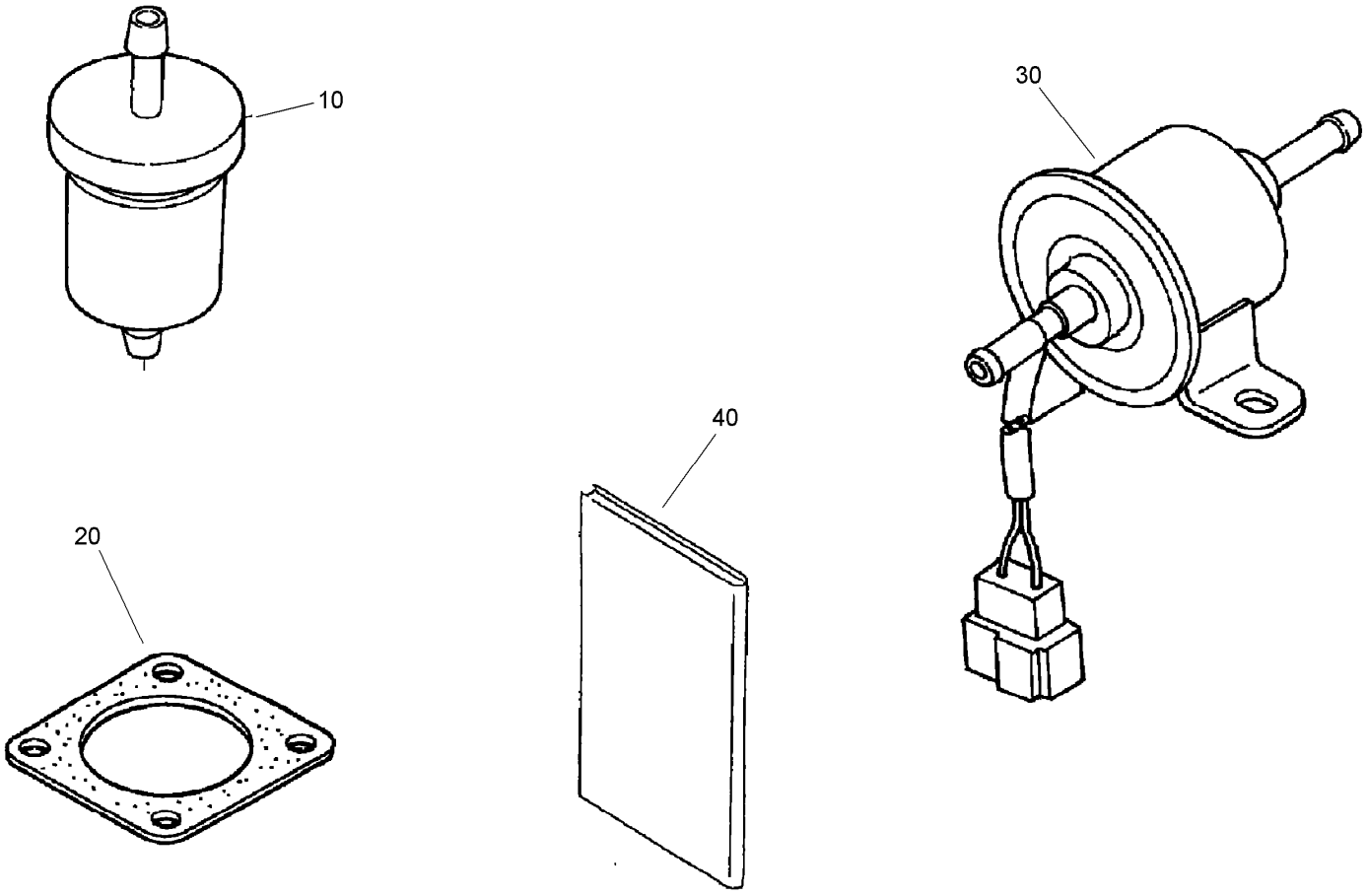
Valve and Rocker Arm Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-9494	4	Valve-Inlet
20	98-9495	4	Valve-Exhaust
30	98-9648	8	Spring-Valve
40	107-9092	8	Retainer-Spring
50	98-9390	8	Collet-Spring, Valve
60	99-8385	8	Seal-Stem, Valve
70	98-9497	8	Cap-Valve
80	105-3790	1	R-Arm Shaft ASM
90	100-9265	2	Bolt
100	98-9505	4	Bracket-Arm, Rocker
110	105-3758	1	Pin-Spring
120	98-9507	2	Washer-Shaft, Rocker Arm
130	110-3832	2	Washer-Plain
140	98-9504	2	Spring-Arm, Rocker
160	98-9501	8	Rocker Arm ASM
170	98-9502	8	Screw-Adjusting
180	98-9503	8	Nut
190	98-9506	4	Stud
200	98-9393	4	Nut
210	98-9385	4	Washer-Flat



Intake and Exhaust Manifold Assembly

Ref.	*Part Number*	*Qty.*	*Description*
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



Fuel Filter, Fuel Pump, Muffler Gasket and Engine Operator Manual

Ref.	*Part Number*	*Qty.*	*Description*
10	98-7612	1	Filter-Fuel
20	99-8343	1	Gasket-Muffler
30	104-5215	1	Pump-Fuel, Electric
40	107-7827	1	Manual-Operator, Kubota

Attachments and Accessories

For 03680 Reelmaster 5510 Traction Unit

Product Name	Model/Part
Turf Defender Electronic Leak Detector Kit	03521
Air Ride Seat Suspension Kit	03667
Four-Wheel Drive Kit	03671
8-Blade DPA Cutting Unit with 7in Reel	03681
11-Blade DPA Cutting Unit with 7in Reel	03682
7 Inch Verticutter	03684
Turf Evaluator	04399
Gauge Bar Assembly	108-6715
Operator Fan Kit - US Sales Only, 3in ROPS Post	110-8804
Two-Post ROPS Kit	110-8860
Weight Plate	110-8985-03
Brush and Handle Kit	29-9100
Hardtop Sunshade	30359
Diagnostic Display Box	85-4750
Plastic Plug	93-7498

Notes:

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Count on it.