



Count on it.

Parts Catalog

Groundsmaster® 360 4-Wheel Drive Multi-Purpose Machine with Cab

Model No. 31222N—Serial No. 313000001 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.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

LP: Liquefied Petroleum Gas

LPG: Liquefied Petroleum Gas

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

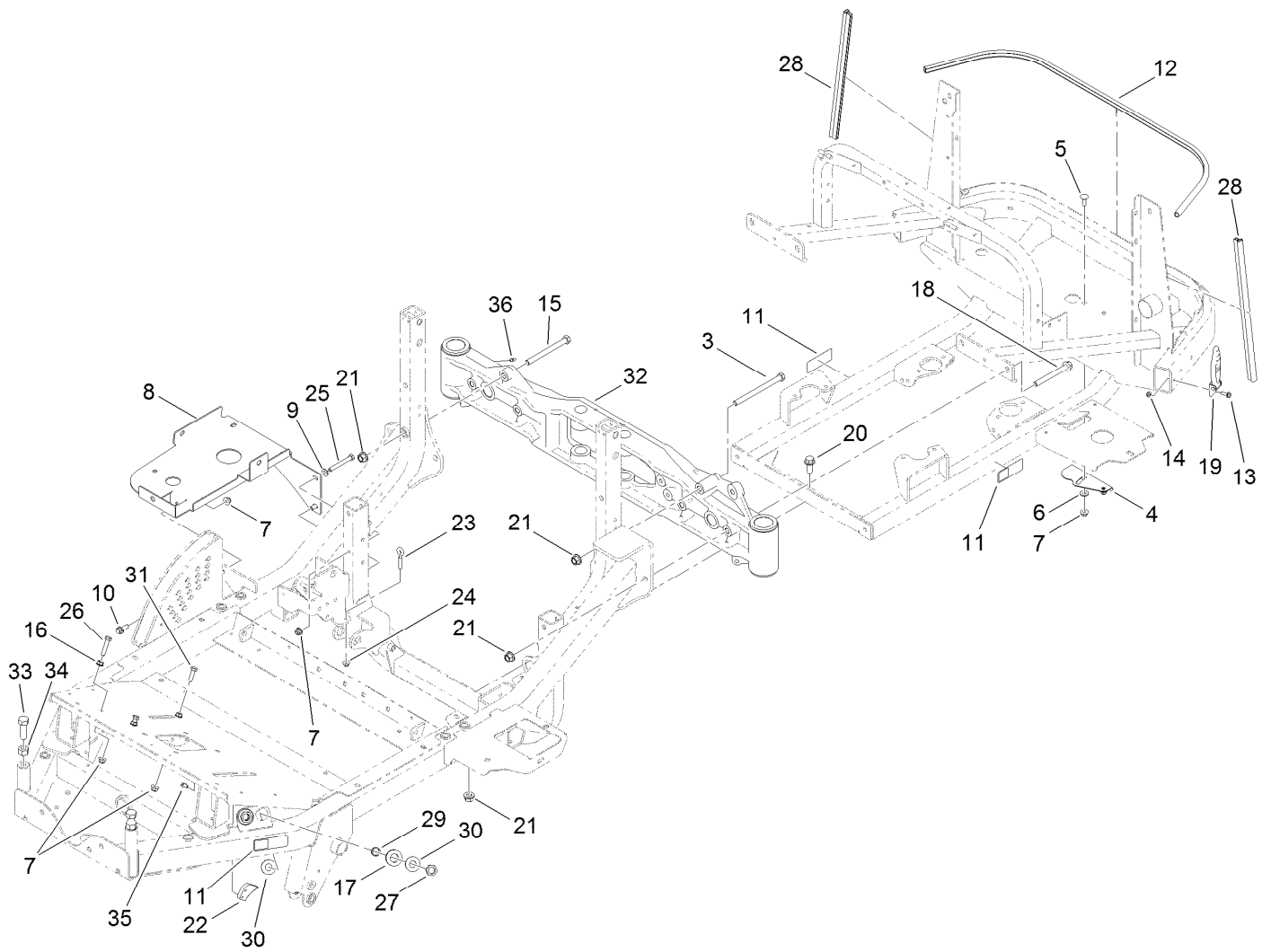
TTH: torx truss head

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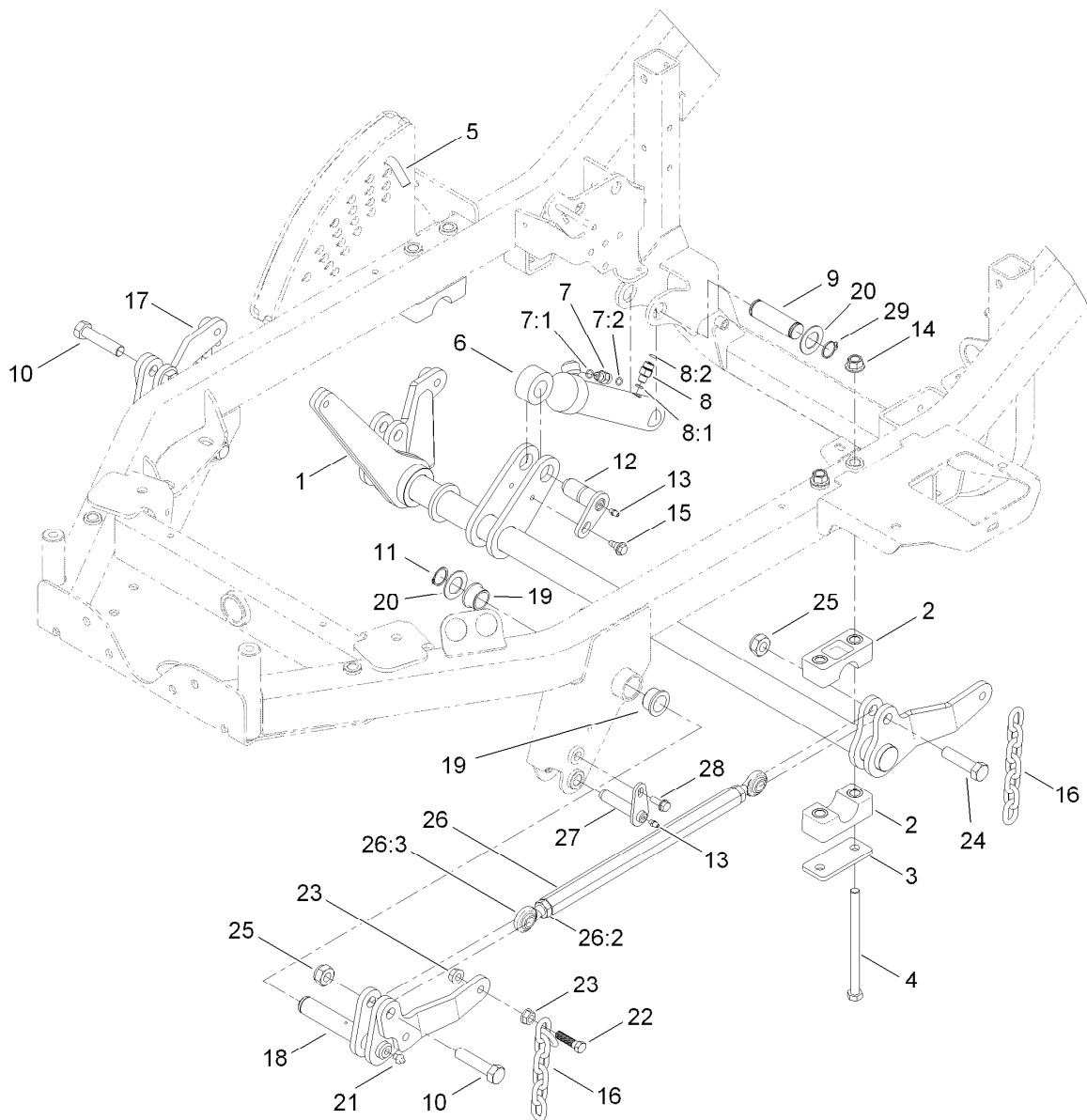
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Frame and Axle Assembly

Ref.	Part Number	Qty.	Description
3	325-33	1	Screw-HH
4	117-3190	1	Cover-Lower
5	3231-22	2	Screw-CARR
6	66-2920	2	Washer-Friction
7	104-8301	8	Nut-Flange, NI
8	117-3385-03	1	Bracket-Tank, HYD
9	3256-24	2	Washer-Flat
10	3234-24	1	Screw-HHF
11	106-9206	4	Decal-Torque, Wheel
12	117-3311	1	Seal-Bulb
13	3234-4	2	Screw-HHF
14	104-7201	2	Nut-HF
15	325-22	1	Screw-HH
16	3290-357	3	Nut-HHF, Whiz
17	240-4	2	Grommet-Rubber
18	117-3176	4	Screw-HHF
19	103-2898	2	Latch-Rubber

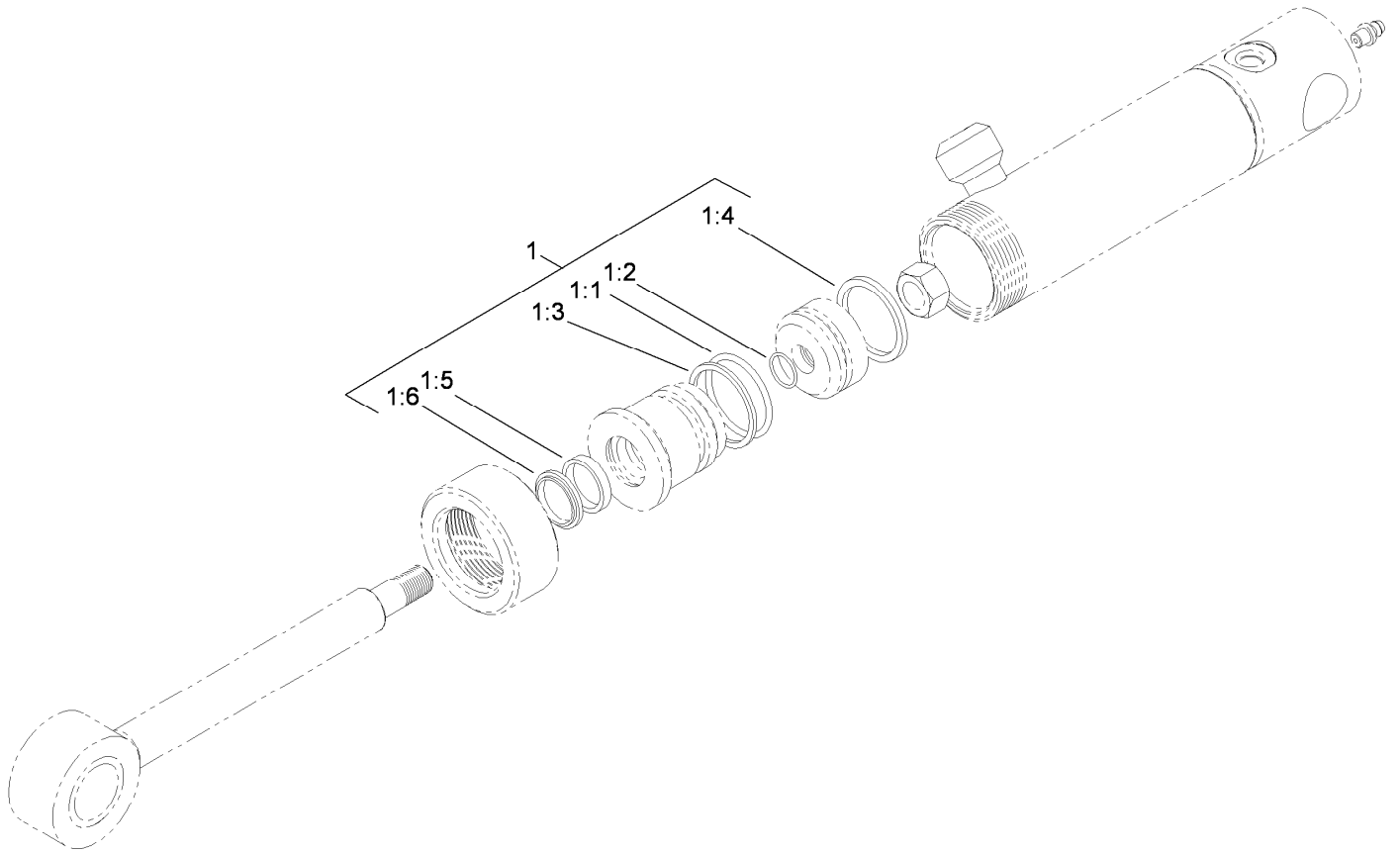
Ref.	Part Number	Qty.	Description
20	3234-38	3	Screw-HHF
21	99-5107	9	Nut-Lock
22	99-7214	1	Pawl-Brake
23	1-303238	1	Eyebolt-Thread, RH
24	104-8300	1	Nut-Flange, NI
25	323-14	2	Screw-HH
26	323-53	2	Screw-HH
27	340-70	2	Nut-Lock
28	107-2269	2	Seal-Bulb
29	69-8970	2	Spacer
30	69-8940	4	Washer
31	323-7	1	Screw-HH
32	119-1448	1	Rear Axle ASM
33	327-6	2	Screw-HH
34	3217-11	2	Nut-Hex
35	3234-13	2	Screw-HHF
36	302-5	2	Fitting-Grease



Lift Shaft and Linkage Assembly

Ref.	Part Number	Qty.	Description
1	115-0190-03	1	Shaft-Lift
2	115-0491	4	Cap-Bearing
3	117-2903	2	Plate-Bearing
4	325-37	4	Screw-HH
5	112-9544	1	Pin-HOC
6	110-9834	1	HYD Cylinder ASM
7	340-92	1	Fitting-HYD, Straight
7:1	237-78	1	O-Ring
7:2	237-21	1	O-Ring
8	95-1639	1	Fitting-HYD
8:1	237-78	1	O-Ring
8:2	237-21	1	O-Ring
9	115-0183	1	Shaft-Cylinder, Lift
10	327-8	2	Screw-HH
11	32151-29	2	Ring-Retaining
12	98-2654	1	Pin-Pivot
13	302-5	3	Fitting-Grease
14	99-5107	4	Nut-Lock

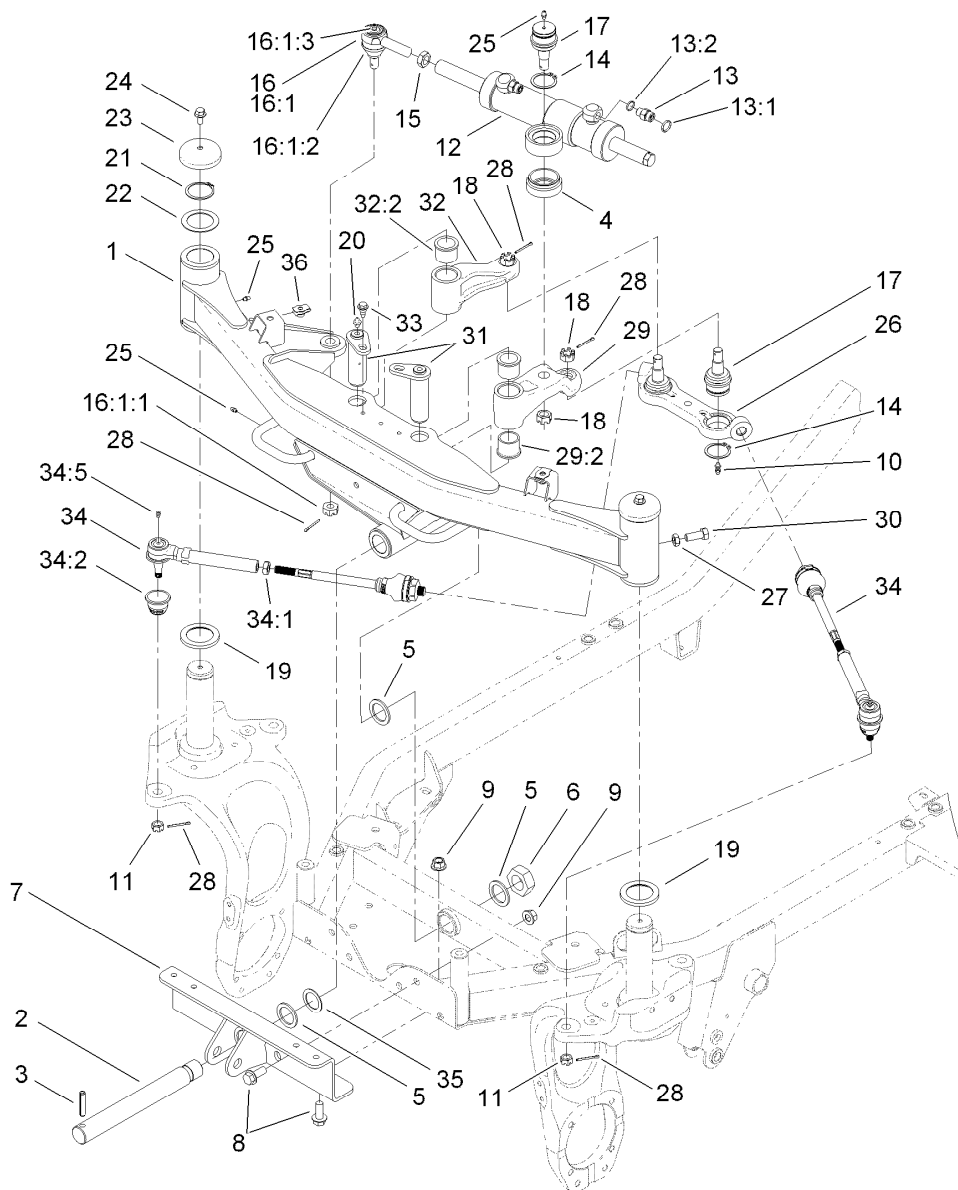
Ref.	Part Number	Qty.	Description
15	99-5105	1	Bolt-Shoulder
16	119-1385	4	Chain-HOC
17	119-1380-03	1	Lift-RH
18	119-1383-03	1	Lift-LH
19	114-5680	4	Bushing-Flange
20	69-9010	4	Washer
21	302-2	2	Fitting-Grease
22	103-1898	4	Screw-HH
23	32128-37	8	Nut-HF
24	327-7	2	Screw-HH
25	3296-61	4	Nut-Lock
26	114-4059	2	Link ASM
26:2	3220-6	2	Nut-Jam
26:3	1-633029	2	Balljoint-Spherical
27	112-1602	2	Pin-Retainer
28	32144-41	2	Screw-Tapite
29	32151-36	2	Ring-Retaining



Hydraulic Cylinder Assembly No. 110-9834

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	112-6353	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	O-Ring ●
1:3		1	Backup ●
1:4		1	Seal-Bp ●
1:5		1	Seal-Rod ●
1:6		1	Seal-Dust ●

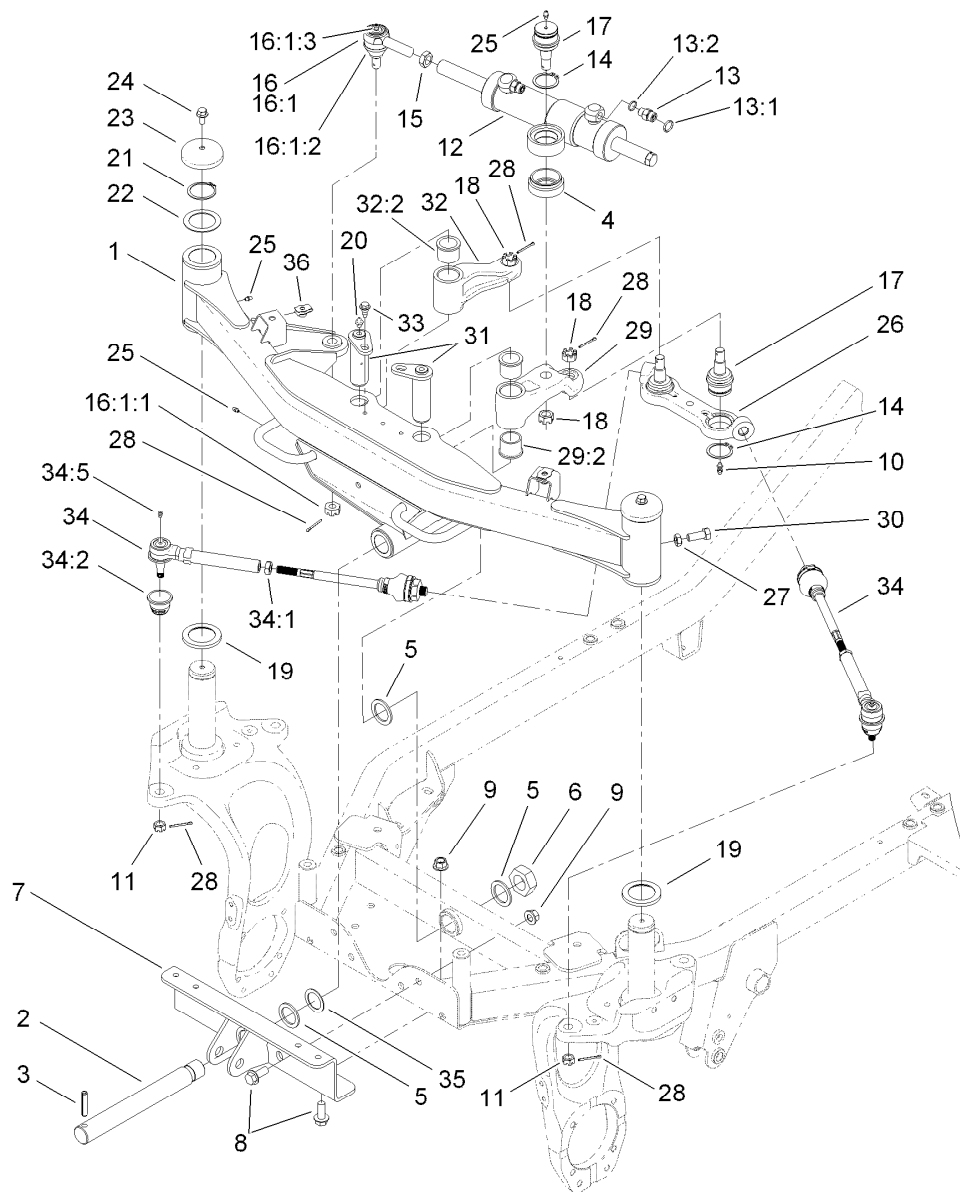
● Not serviced separately



Front Axle and Tie Rod Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	119-1447	1	Front Axle ASM	16:1		1	End-Rod, Tie (RH) ●
2	119-1376	1	Shaft-Pivot	16:1:1	105-7941	1	Nut-Hex, Slotted
3	32121-110	1	Pin-Roll, Slotted	16:1:2	105-7835	1	Seal
4	120-0238	1	Spacer-Cylinder	16:1:3	302-5	1	Fitting-Grease
5	98-1452	3	Washer-Thrust	17	106-6774	3	Joint-Ball
6	3296-68	1	Nut-Lock, NI	18	32136-2	3	Nut-SHH
7	117-2920-03	1	Support-Axle	19	100-2508	2	Washer-Thrust
8	3234-38	6	Screw-HHF	20	302-2	2	Fitting-Grease
9	99-5107	6	Nut-Lock	21	100-4196	2	Ring-Retaining
10	302-60	2	Fitting-Grease	22	115-0169	2	Washer-Thrust
11	32136-3	2	Nut-SHH	23	100-3362	2	Cap-Spindle
12	115-0060	1	HYD Cylinder ASM	24	3234-12	2	Screw-HHF
13	340-2	2	Fitting-HYD, Straight	25	302-5	4	Fitting-Grease
13:1	237-22	1	O-Ring	26	117-2986	1	Centerlink
13:2	237-42	1	O-Ring	27	3218-5	2	Nut-Jam
14	32151-104	3	Ring-Retaining, External	28	3272-12	6	Pin-Cotter
15	84-5300	1	Nut-Jam	29	120-0391	1	Front LH Arm ASM
16	71-4740-03	1	End-Rod, Tie	29:2	94-8947	2	Bushing-Flange

● Not serviced separately

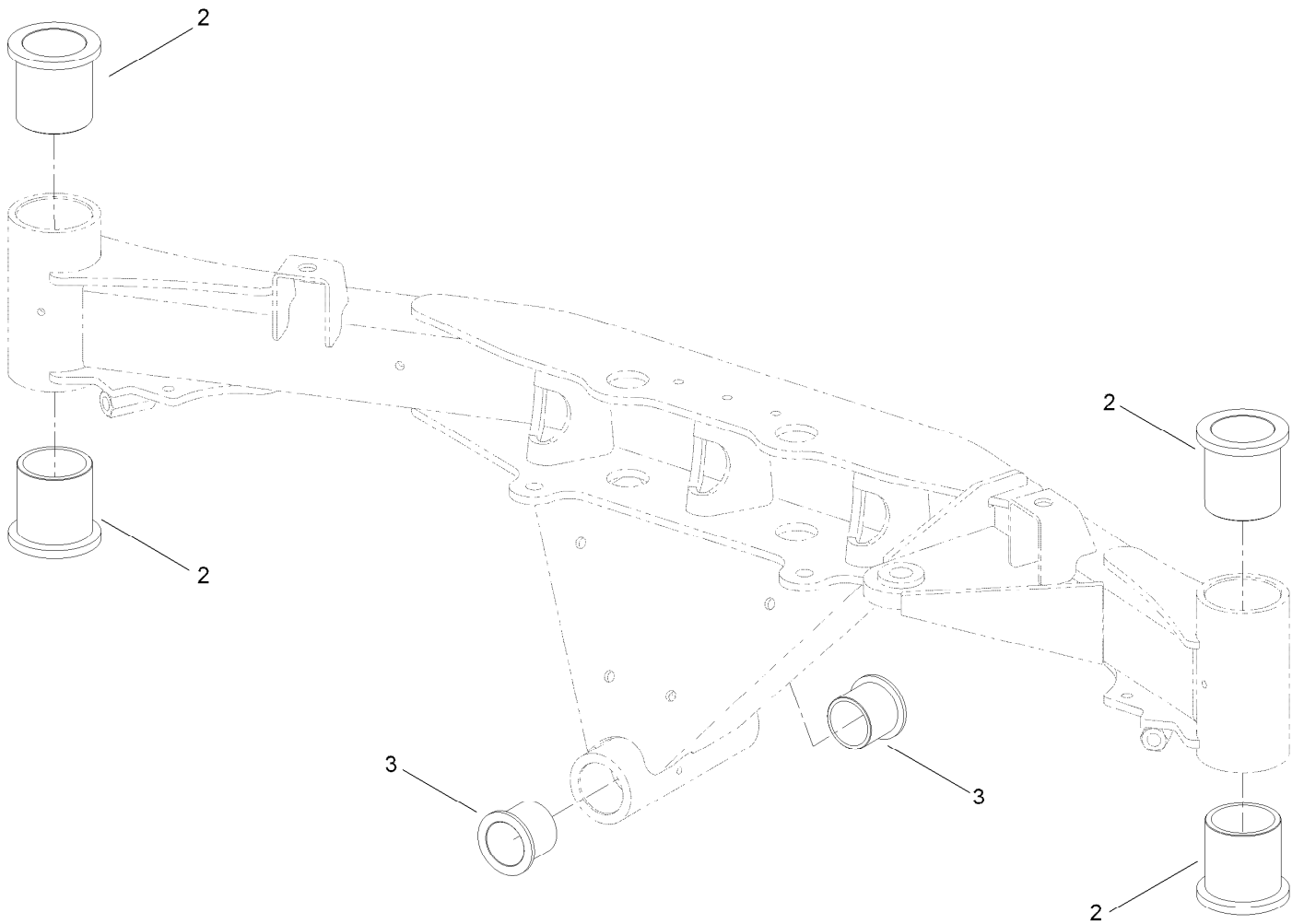


Front Axle and Tie Rod Assembly (continued)

Ref.	Part Number	Qty.	Description
30	325-6	2	Screw-HH
31	117-3167	2	Front Pin ASM
32	120-0390	1	Front RH Arm ASM
32:2	94-8947	2	Bushing-Flange
33	99-5105	2	Bolt-Shoulder
34	117-2983	2	Rod-Tie, Front

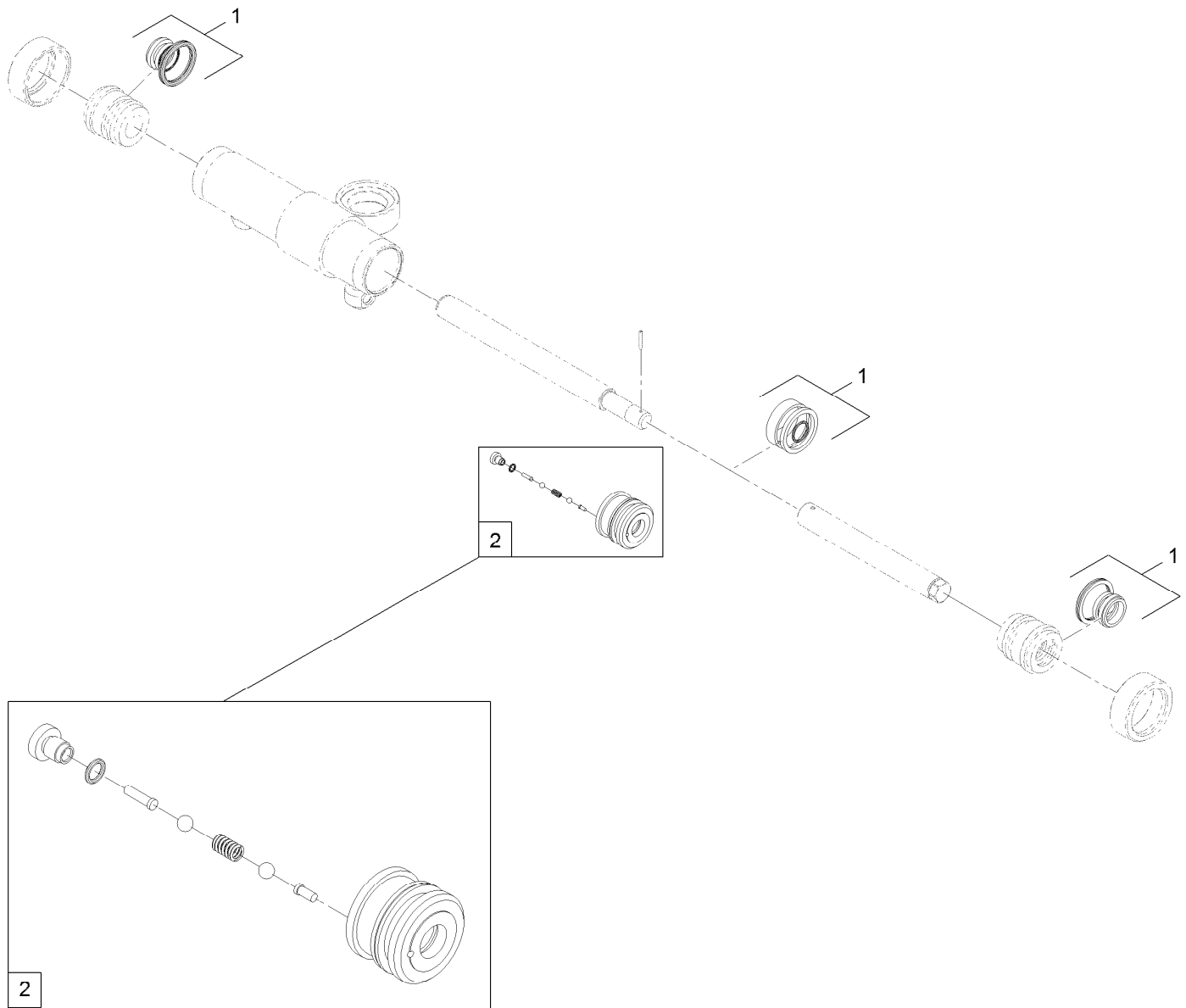
Ref.	Part Number	Qty.	Description
34:1	42-9650	1	Nut-Hex, Jam
34:2	117-3287	1	Dust Boot
34:5	302-5	1	Fitting-Grease
35	93-4628	1	Washer
36	105-4886	2	Nut-Tinnerman

● Not serviced separately



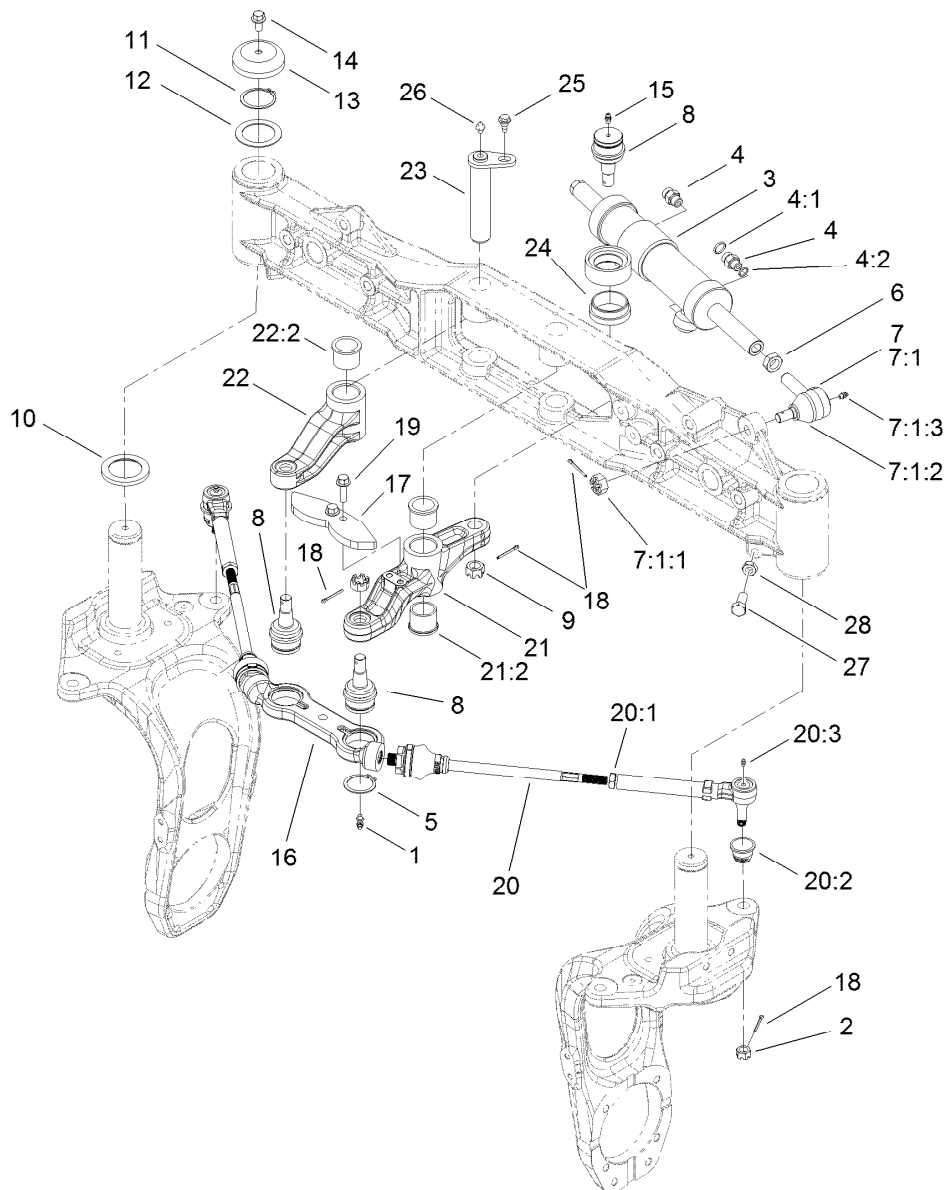
Front Axle Assembly No. 119-1447

Ref.	Part Number	Qty.	Description
2	100-2506	4	Bushing-Castor
3	69-6470	2	Bushing-Castor



Hydraulic Cylinder Assembly No. 115-0060

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	120-2557	1	Seal Kit
2	120-2556	1	Valve-Check, Rephasing

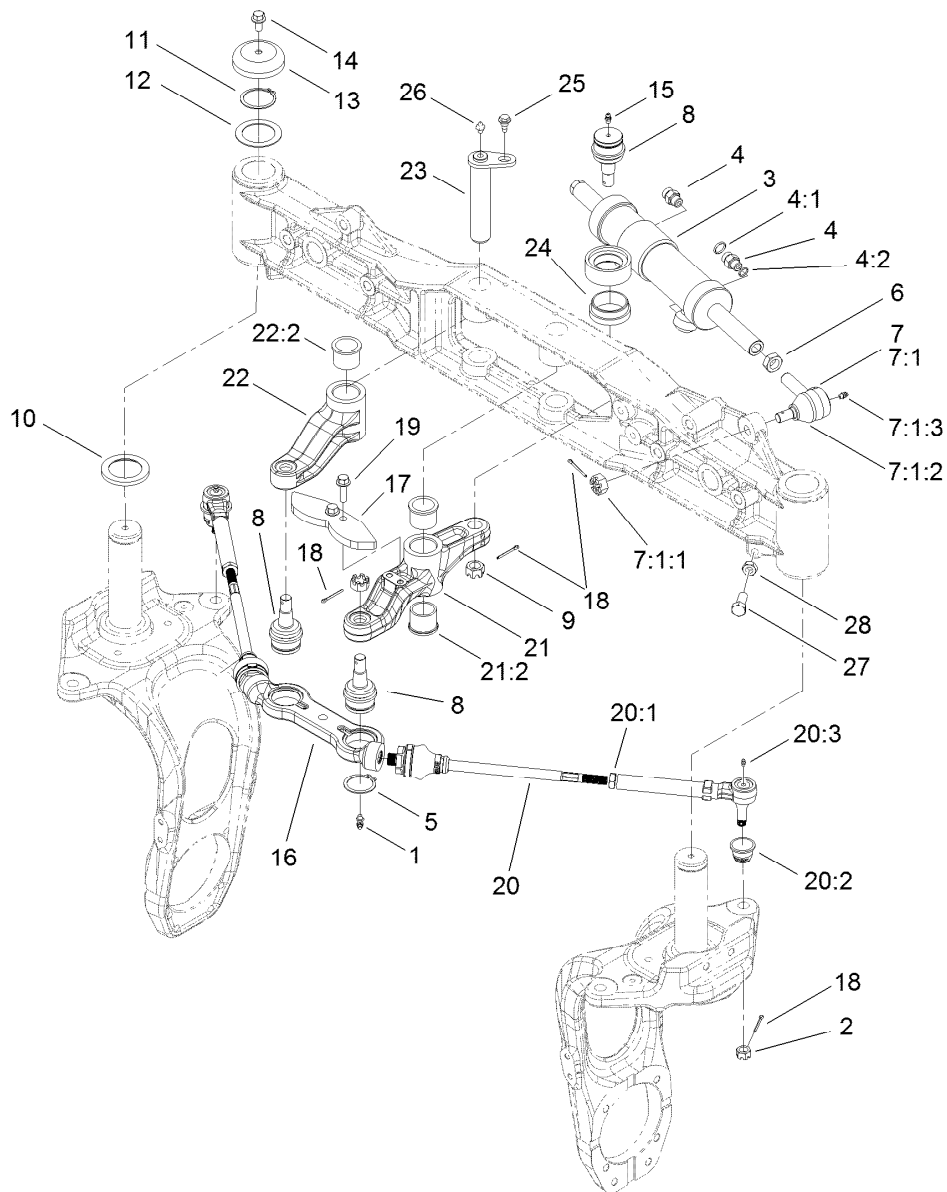


Rear Steering Assembly

Ref.	Part Number	Qty.	Description
1	302-60	2	Fitting-Grease
2	32136-3	2	Nut-SHH
3	115-0060	1	HYD Cylinder ASM
4	340-2	2	Fitting-HYD, Straight
4:1	237-22	1	O-Ring
4:2	237-42	1	O-Ring
5	32151-104	3	Ring-Retaining, External
6	84-5300	1	Nut-Jam
7	71-4740-03	1	End-Rod, Tie
7:1		1	End-Rod, Tie (RH) ●
7:1:1	105-7941	1	Nut-Hex, Slotted
7:1:2	105-7835	1	Seal
7:1:3	302-5	1	Fitting-Grease
8	106-6774	3	Joint-Ball
9	32136-2	3	Nut-SHH
10	100-2508	2	Washer-Thrust
11	100-4196	2	Ring-Retaining
12	115-0169	2	Washer-Thrust

Ref.	Part Number	Qty.	Description
13	100-3362	2	Cap-Spindle
14	3234-12	2	Screw-HHF
15	302-5	1	Fitting-Grease
16	117-2986	1	Centerlink
17	117-3376-03	1	Plate-Cam, Pittman
18	3272-12	6	Pin-Cotter
19	3234-24	2	Screw-HHF
20	117-2984	2	Rod-Tie, Rear
20:1	42-9650	1	Nut-Hex, Jam
20:2	117-3287	1	Dust Boot
20:3	302-5	1	Fitting-Grease
21	120-0393	1	Rear LH Arm ASM
21:2	94-8947	2	Bushing-Flange
22	120-0392	1	Rear RH Arm ASM
22:2	94-8947	2	Bushing-Flange
23	117-3137	2	Pin ASM
24	120-0238	1	Spacer-Cylinder
25	99-5105	2	Bolt-Shoulder

● Not serviced separately

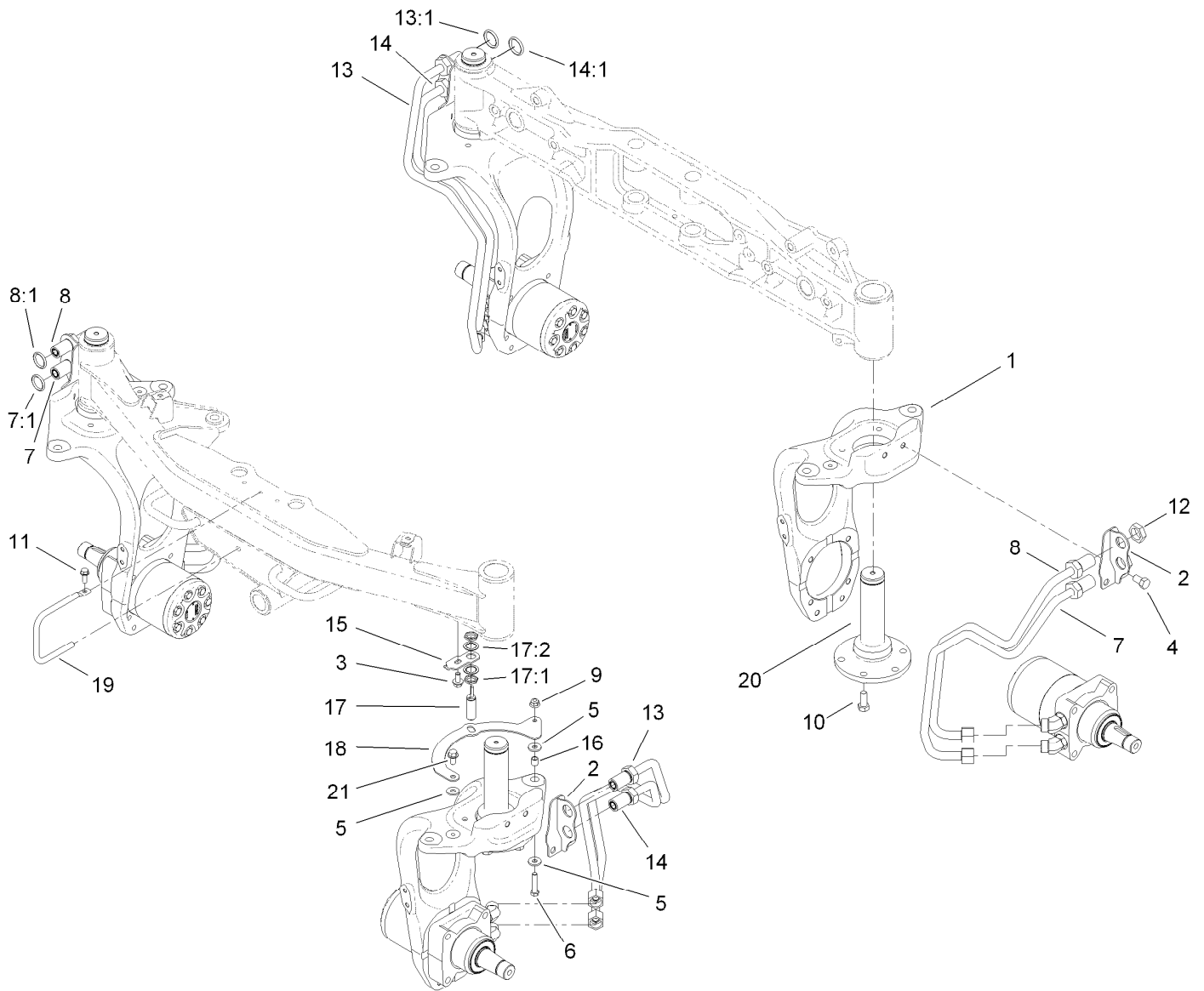


Rear Steering Assembly (continued)

Ref.	Part Number	Qty.	Description
26	302-2	2	Fitting-Grease

Ref.	Part Number	Qty.	Description
27	325-6	2	Screw-HH
28	3218-5	2	Nut-Jam

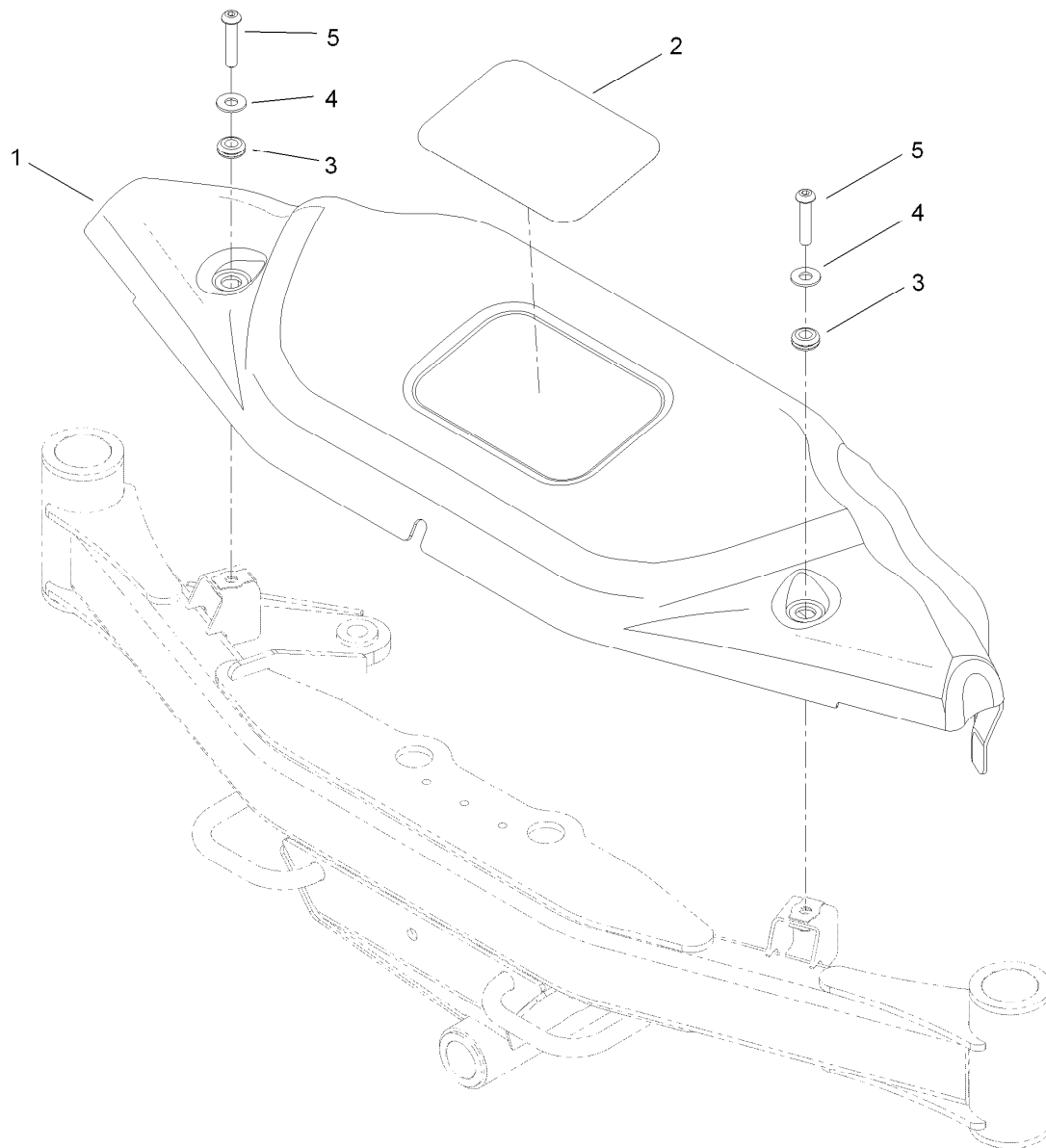
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4 Wheel Drive Steering Assembly

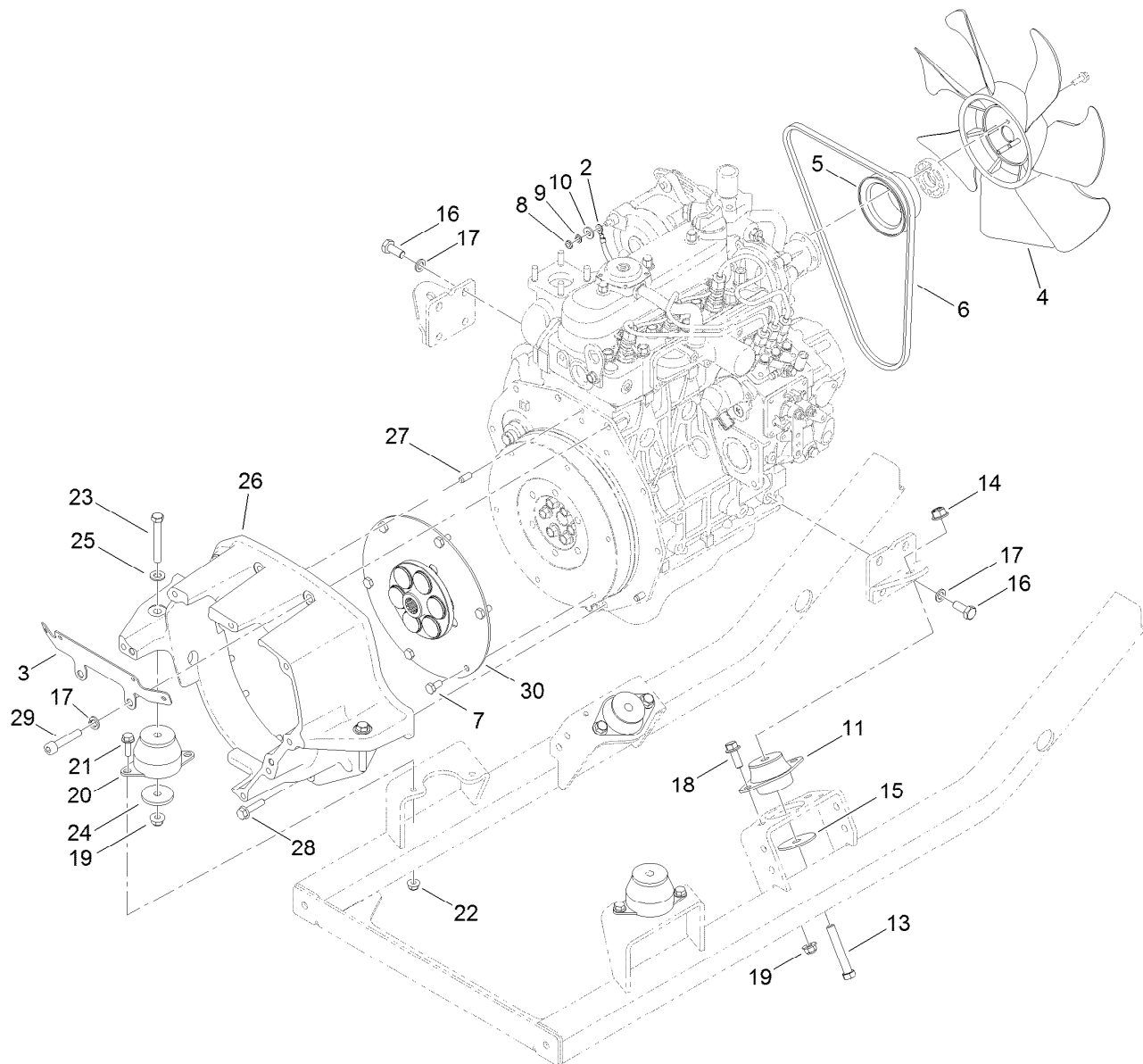
Ref.	Part Number	Qty.	Description
1	117-2951	4	Base-Fork, Steer
2	119-1410-03	4	Bracket-Bulkhead
3	110-9380	1	Screw-HWH
4	325-3	8	Screw-HH
5	5-0838	3	Washer
6	32128-21	1	Nut-HF
7	117-2948	2	Upper Tube ASM (Lrrf)
7:1	237-65	1	O-Ring
8	117-2949	2	Lower Tube ASM (Lrrf)
8:1	237-65	1	O-Ring
9	323-8	1	Screw-HH
10	117-3266	20	Screw-HH
11	32144-41	1	Screw-Taptite
12	340-74	8	Nut-Lock, Bulkhead

Ref.	Part Number	Qty.	Description
13	117-2946	2	Upper Tube ASM (Rlrf)
13:1	237-65	1	O-Ring
14	117-2947	2	Lower Tube ASM (Rlrf)
14:1	237-65	1	O-Ring
15	119-1413	1	Bracket-Sensor
16	103-1166	1	Spacer-Tube, Pump Link
17	115-5300	1	Proximity Switch ASM
17:1	117-3207	2	Nut-Hex
17:2	117-3208	2	Washer-Lock, Internal Tooth
18	117-2216-03	1	Bracket-Target
19	117-3178	1	Rod-Guide
20	117-3361	4	Spindle-Steer
21	3234-47	1	Screw-HHF



Front Cover Assembly

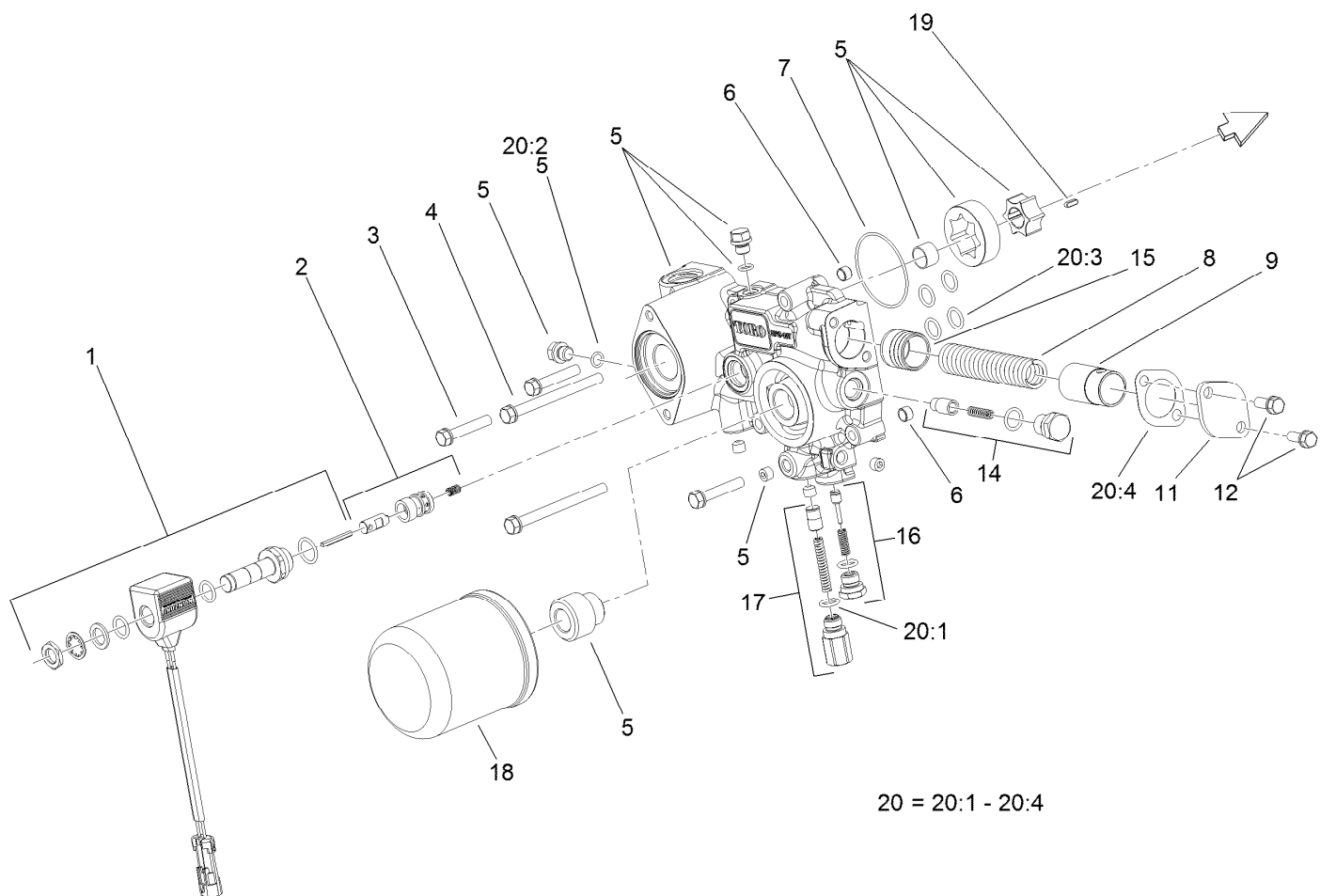
Ref.	Part Number	Qty.	Description
1	119-9889	1	Cover-Front
2	104-7213	1	Decal
3	1-633630	2	Grommet
4	100-7403	2	Washer-Flat
5	95-3857	2	Screw-HSBH



Engine Component Assembly

Ref.	Part Number	Qty.	Description
2	100-5552	1	Harness-Wire
3	117-3173-03	1	Support-Cable
4	107-9096	1	Fan-Cooling
5	99-3453	1	Pulley-Fan
6	115-0123	1	V-Belt
7	99-5132	6	Bolt
8	33013-00	1	Nut-Hex
9	43-5930	1	Washer-Lock, Spring
10	3256-2	1	Washer-Flat
11	53-9681	2	Mount-Engine
13	324-11	2	Screw-HH
14	114-8417	2	Nut-HF, NI
15	87-5100	2	Washer-Snubbing
16	43-0090	8	Screw-HH

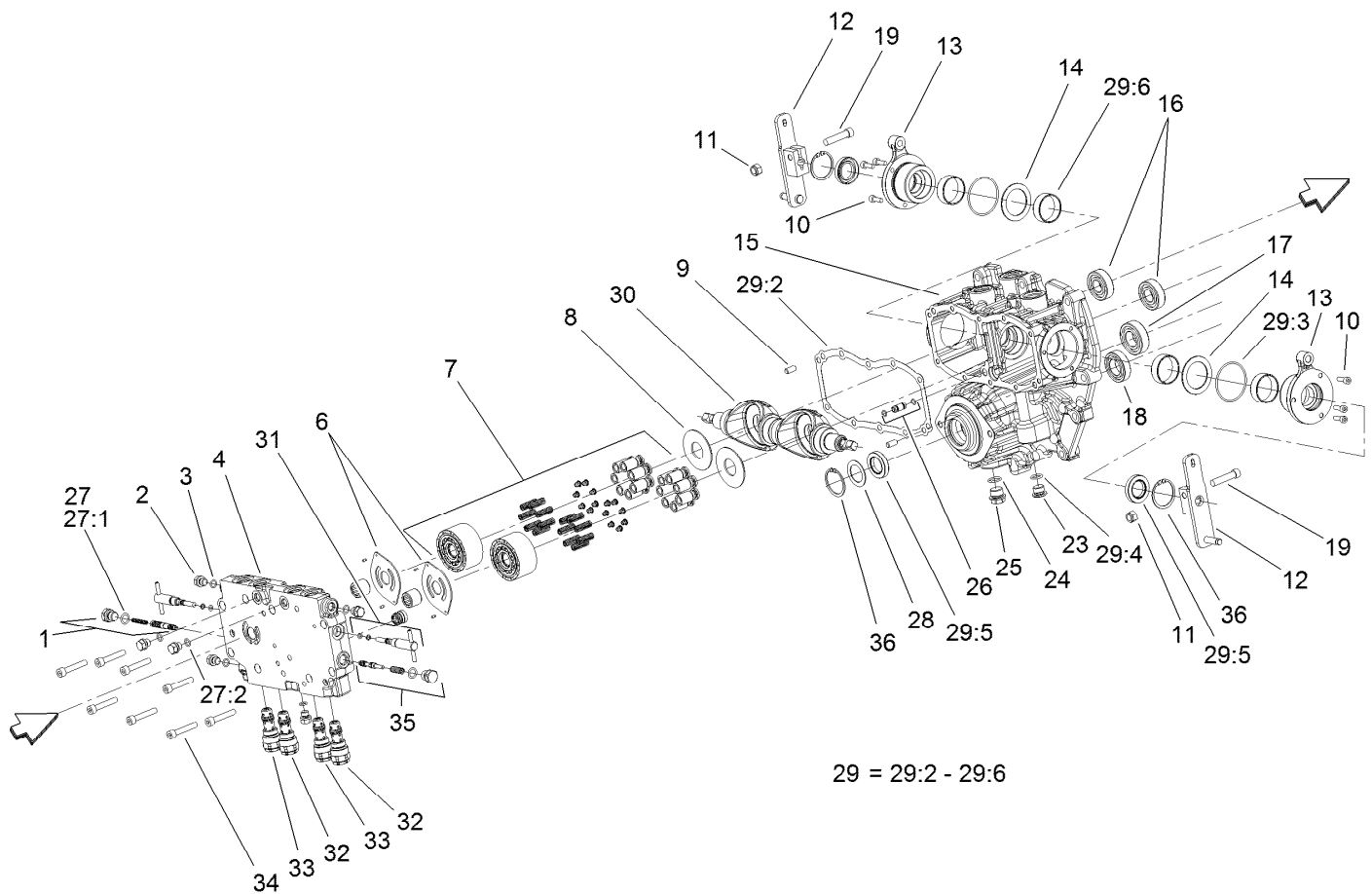
Ref.	Part Number	Qty.	Description
17	48-9590	10	Washer-Lock
18	3234-42	4	Screw-HHF
19	104-8301	6	Nut-Flange, NI
20	107-2289	2	Mount-Motor
21	3234-17	4	Screw-HHF
22	104-8300	4	Nut-Flange, NI
23	323-13	2	Screw-HH
24	80-8560	2	Washer-Hardened
25	3256-24	2	Washer-Flat
26	108-5193	1	Housing-Flywheel
27	87-1910	2	Pin-Dowel
28	33104-035	6	Screw-HHF
29	3274-106	2	Screw-HSH
30	110-9729	1	Coupling-Flywheel



Charge Pump Housing Assembly Transmission Assembly No. 120-9140

Ref.	Part Number	Qty.	Description
1	107-0851	1	Solenoid ASM
2	107-0850	1	Solenoid Valve ASM
3	107-0863	3	Bolt
4	107-0864	2	Bolt
5	107-0840	1	Pump Body ASM
6	107-0848	2	Pin
7	107-0856	1	O-Ring
8	107-0845	1	Spring
9	107-0844	1	Collar
11	107-0846	1	Cover
12	93-0457	2	Bolt And Washer ASM

Ref.	Part Number	Qty.	Description
14	107-0843	1	Filter Bypass Valve ASM
15	107-0818	1	Piston
16	120-5153	1	Charge Relief Valve ASM
17	107-0841	1	Pressure Valve ASM
18	108-5194	1	Filter-Oil, HYD
19	107-0865	1	Key
20	107-0855	1	Charge Pump Seal Kit
20:1	93-0418	2	O-Ring
20:2	107-0817	2	O Ring-Plug
20:3	104-3298	6	Packing
20:4	107-0847	1	Gasket

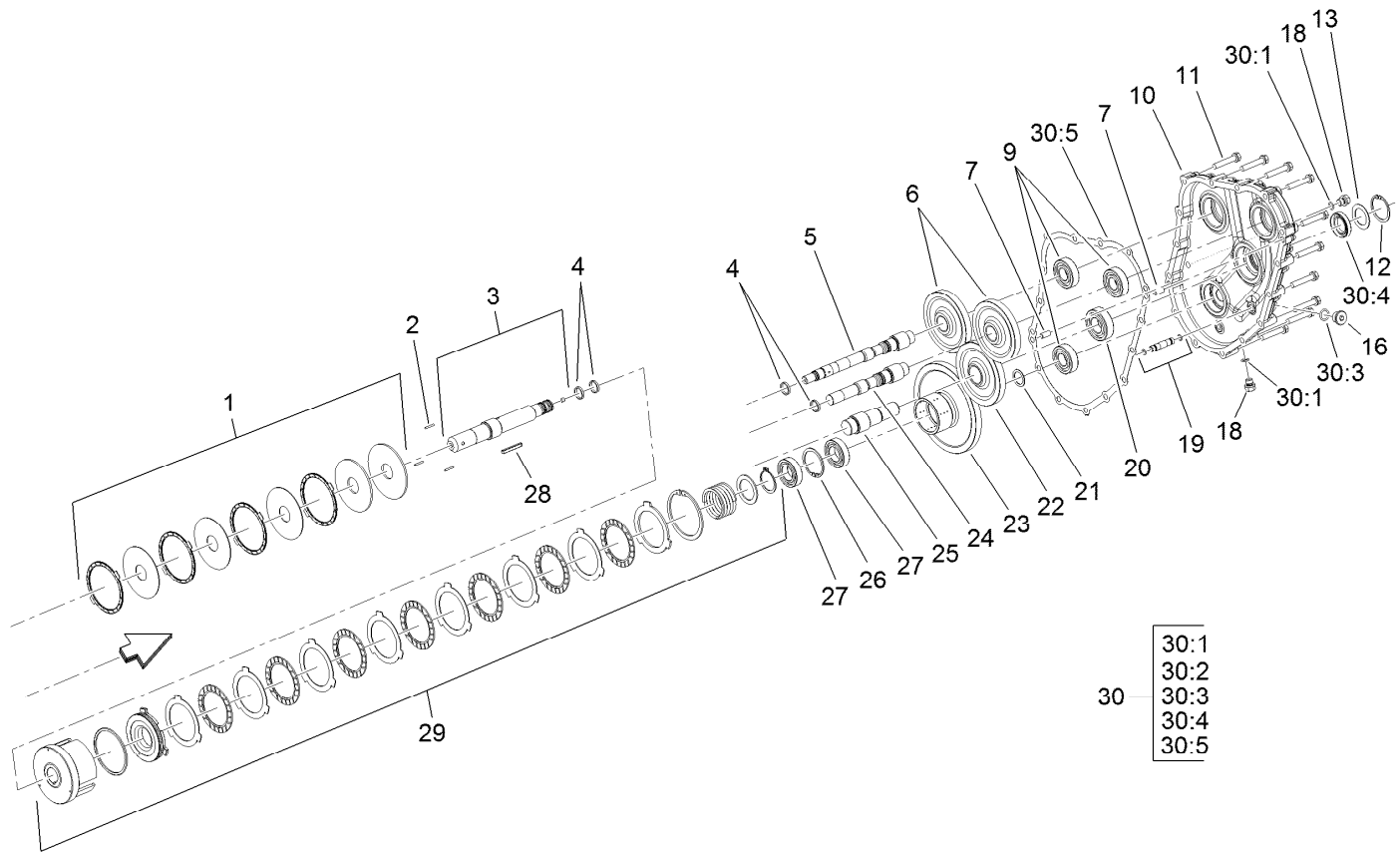


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Center Section Assembly Transmission Assembly No. 120-9140

Ref.	Part Number	Qty.	Description
1	107-0807	1	Valve-Flushing, RH
2	107-0857	6	Plug
3	107-0817	6	O Ring-Plug
4	120-5150	1	Center Case ASM
6	107-0805	2	Plate-Valve
7	107-0824	2	Cylinder Block ASM
8	107-0830	2	Plate-Thrust
9	92-0765	4	Pin-Parallel
10	107-0859	6	Bolt
11	120-6681	2	U-Nut
12	120-6680	2	Arm-Control
13	107-0832	2	Side Cover ASM
14	107-0829	2	Washer
15	120-5151	1	Pump Housing ASM
16	107-0826	2	Bearing
17	107-0821	1	Bearing
18	107-0838	1	Bearing
19	120-6682	2	Bolt (10 X 40)
23	107-0861	1	Plug-NPTF
24	107-0862	1	O-Ring

Ref.	Part Number	Qty.	Description
25	107-0867	1	Plug
26	107-0812	1	Pipe
27	107-0852	1	Center Case Seal Kit
27:1	93-0418	2	O-Ring
27:2	107-0817	6	O Ring-Plug
28	107-0813	1	Spacer
29	107-0853	1	Pump Housing Seal Kit
29:2	107-0810	1	Gasket-Case, Center
29:3	107-0817	2	O Ring-Plug
29:4	104-3298	1	Packing
29:5	107-0814	3	Seal
29:6	107-0825	4	Ring-Seal
30	120-6679	2	Plate-Swash
31	107-0808	2	Valve-Bypass
32	120-6754	2	Valve-Rear
33	107-0803	2	Valve-Front
34	107-0863	8	Bolt
35	107-0806	1	Valve-Flushing, LH
36	92-0757	2	Ring-Snap

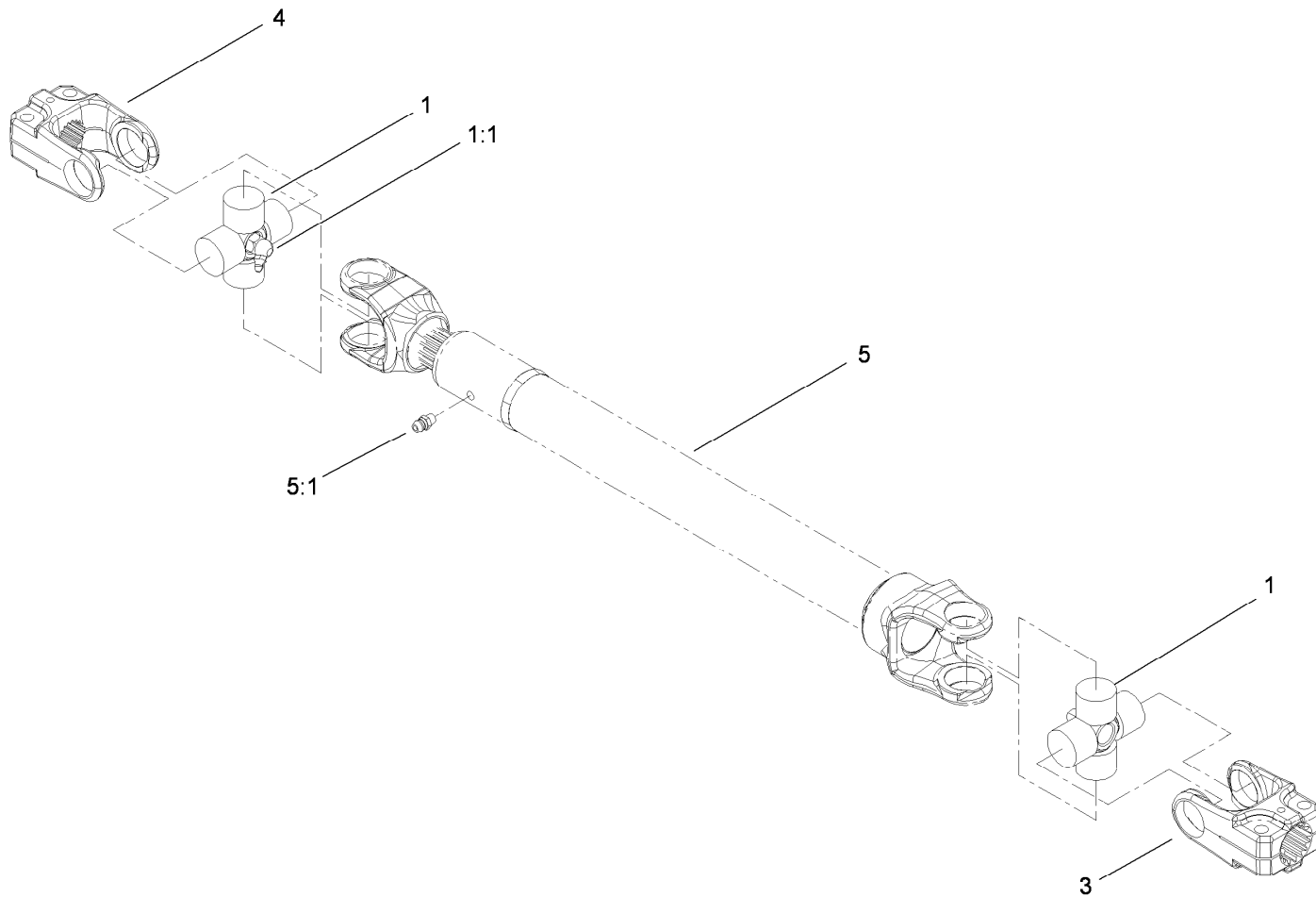


Gear Case and Clutch Assembly Transmission Assembly No. 120-9140

Ref.	Part Number	Qty.	Description
1	107-0839	1	PTO Brake ASM
2	107-0837	3	Rod-Push
3	107-0833	1	PTO Shaft ASM
4	107-0825	2	Ring-Seal
5	107-0827	1	Shaft-Pump
6	107-0823	2	Gear-Pump
7	92-0765	4	Pin-Parallel
9	107-0826	4	Bearing
10	120-5152	1	Housing-Case, Gear
11	107-0863	13	Bolt
12	92-0757	1	Ring-Snap
13	107-0813	1	Spacer
16	107-0861	1	Plug-NPTF
18	107-0857	6	Plug
19	107-0811	1	Pipe
20	107-0821	2	Bearing

Ref.	Part Number	Qty.	Description
21	107-0836	1	Spacer
22	107-0820	1	Gear-Input
23	107-0834	1	Gear-PTO
24	107-0822	1	Shaft-Pump
25	107-0819	1	Shaft-Input
26	92-0758	1	Ring-Snap
27	107-0838	3	Bearing
28	107-0866	1	Key
29	107-0835	1	Clutch Cylinder ASM
30	107-0854	1	Gear Housing Seal Kit
30:1	107-0817	2	O Ring-Plug
30:2		2	O-Ring ●
30:3	104-3298	1	Packing
30:4	107-0814	1	Seal
30:5	107-0816	1	Gasket-Housing, Gear

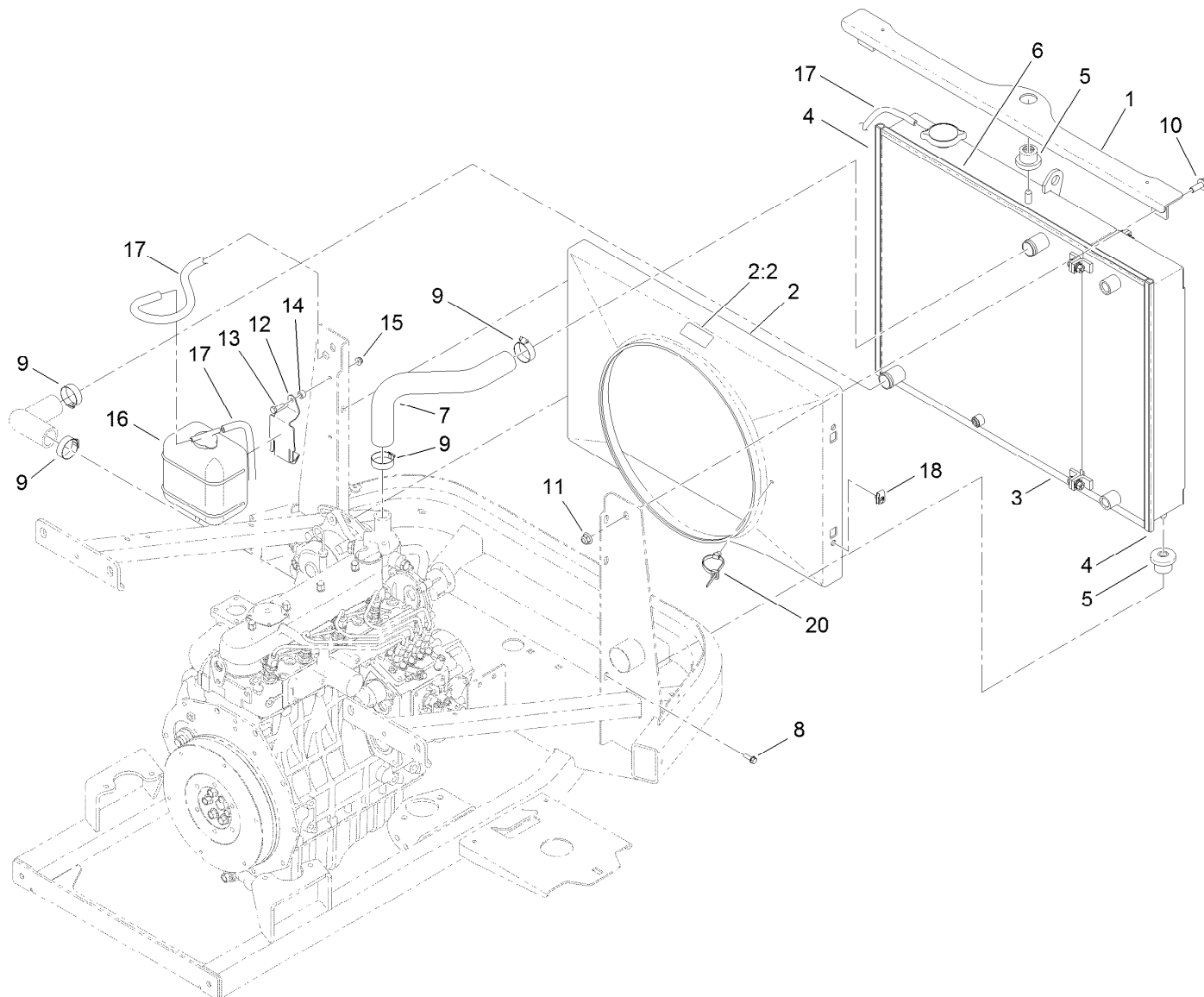
● Not serviced separately



Driveshaft Assembly No. 110-3575

Ref.	Part Number	Qty.	Description
1	112-1687	2	Cross And Bearing Kit
1:1	62-3820	1	Fitting-Grease
3	54-9040	1	Yoke-End
4	54-9090	1	Yoke-End
5		1	Tube-Yoke, Slip ●
5:1	302-22	1	Fitting-Grease

● Not serviced separately

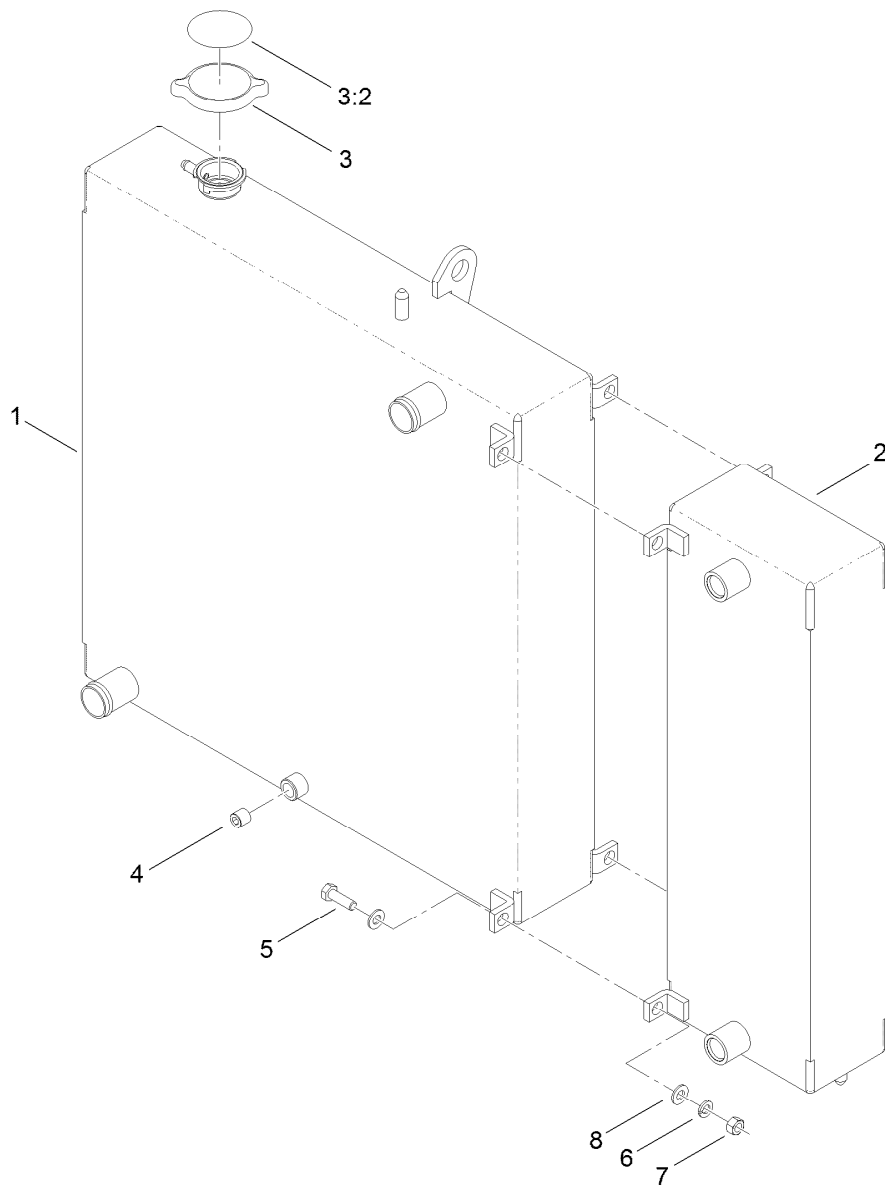


Radiator Component Assembly

Ref.	Part Number	Qty.	Description
1	119-1423-03	1	Support-Radiator
2	117-3268	1	Shroud Fan ASM
2:2	117-4766	1	Decal-Warning, Fan
3		1	Radiator And Cooler ASM ●
4	119-1426	2	Seal-Bulb
5	119-1422	3	Mount-Isolator
6	119-1427	2	Seal-Bulb
7	115-0330	1	Hose-Radiator, Upper
8	32105-15	4	Screw-HWH
9	2412-34	4	Clamp-Hose

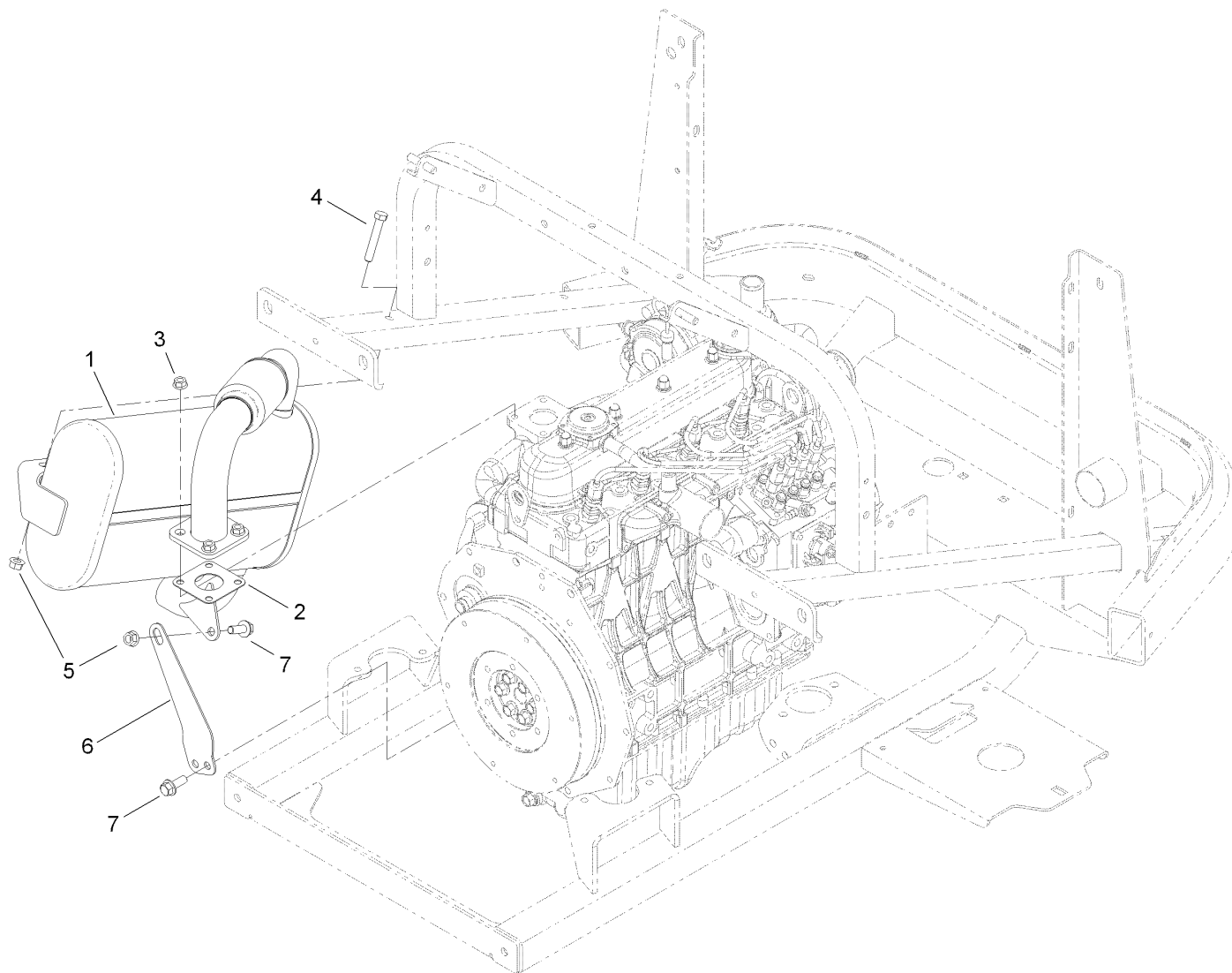
Ref.	Part Number	Qty.	Description
10	3234-42	2	Screw-HHF
11	104-8301	2	Nut-Flange, NI
12	108-9930-03	1	Bracket-Bottle
13	321-5	2	Screw-HH
14	98-4799	2	Spacer
15	104-7201	2	Nut-HF
16	104-9318	1	Bottle-Overflow
17	108-3284	2	Hose-Fuel
18	107069	4	Clip
20	32180-030	1	Clip-Tie

● Not serviced separately



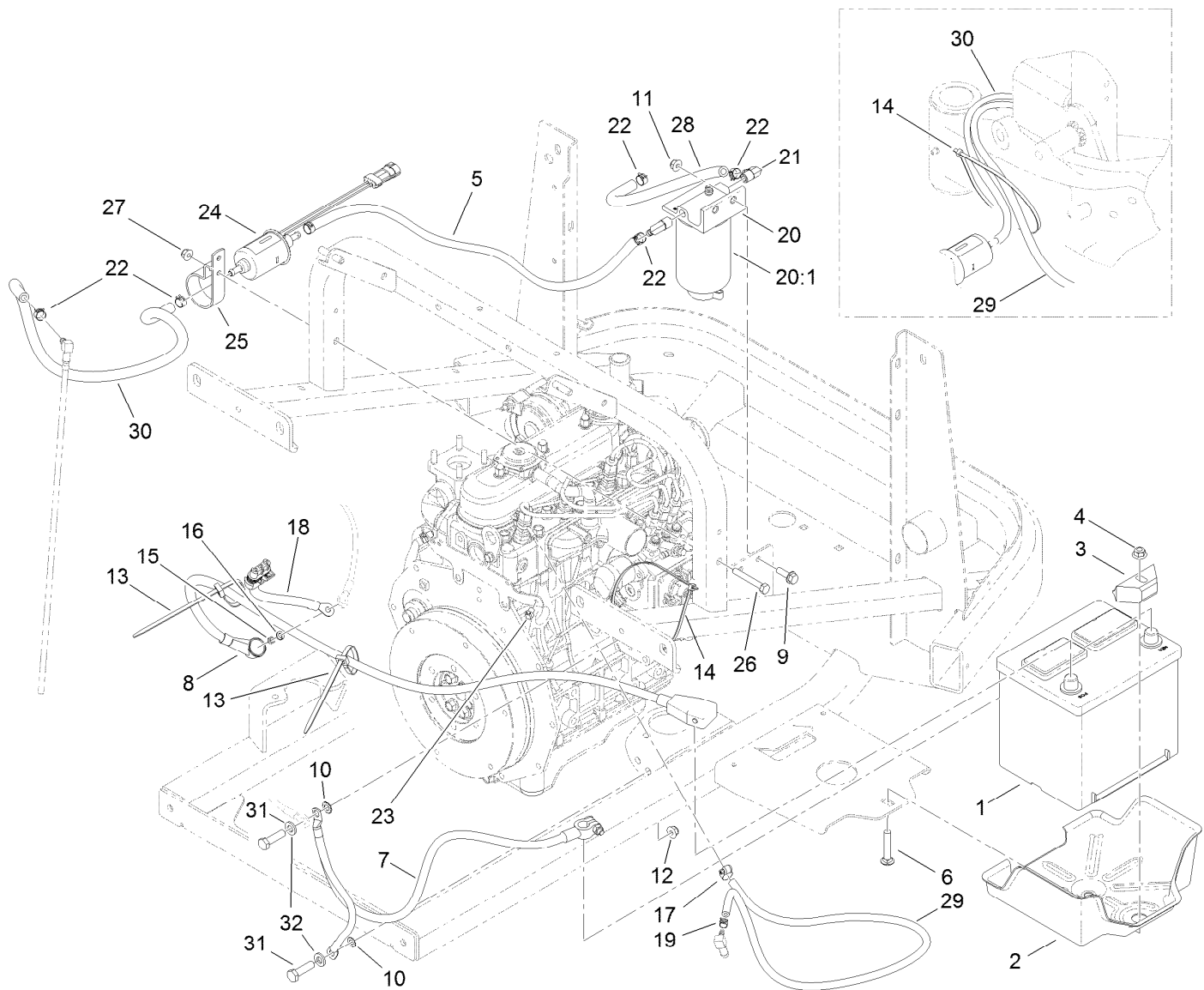
Radiator and Cooler Assembly

Ref.	Part Number	Qty.	Description
1	115-0050	1	Radiator
2	115-0051	1	Cooler
3	119-1430	1	Radiator Cap ASM
3:2	117-3276	1	Decal-Danger
4	99-8551	1	Plug-Pipe
5	322-5	4	Screw-HH
6	3253-4	4	Washer-Lock
7	3217-6	4	Nut-Hex
8	3256-23	8	Washer-Flat



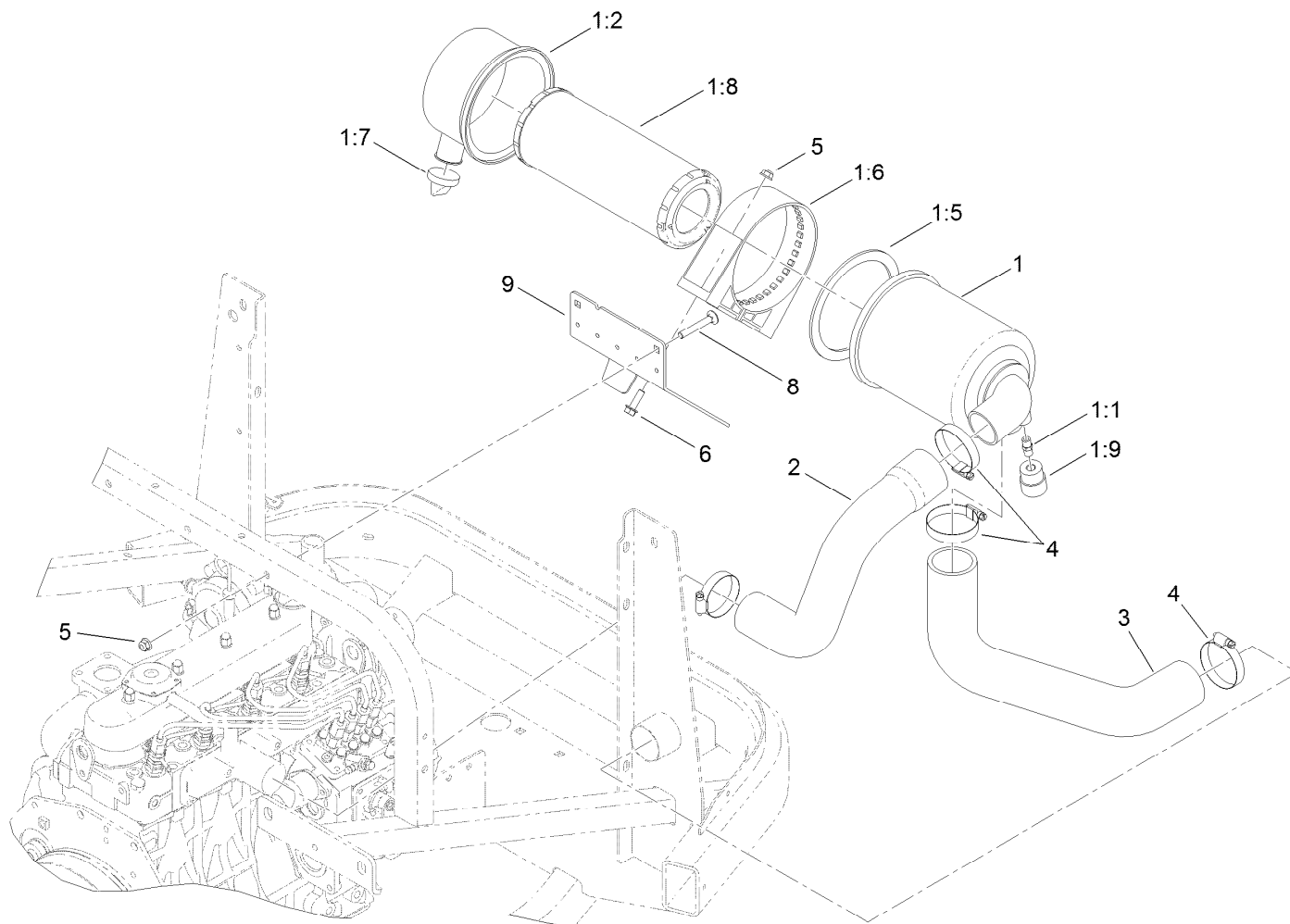
Muffler Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	115-0419	1	Muffler
2	98-9611	1	Gasket
3	33004-00	4	Nut-HF
4	323-11	2	Screw-HH
5	32128-21	5	Nut-HF
6	117-3033-03	1	Support-Muffler
7	3234-42	3	Screw-HHF



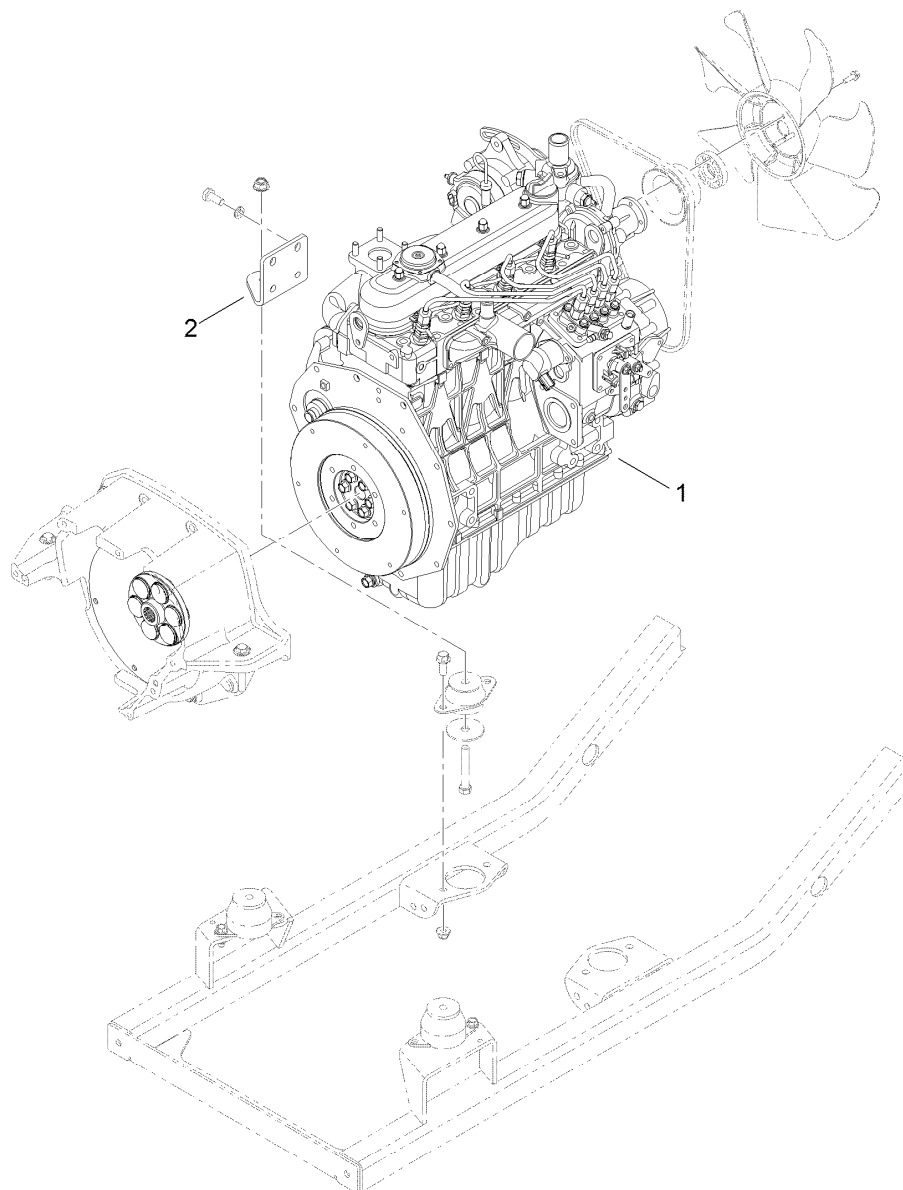
Battery and Fuel Delivery Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	106-5187	1	Battery-Dry	18	99-3441	1	Harness-Wire, Fusible Link
2	117-3027	1	Tray-Battery	19	2412-80	1	Clamp-Hose
3	66-2490	1	Retainer-Battery	20	110-9044	1	Seperator Filter ASM
4	104-8301	1	Nut-Flange, NI	20:1	110-9049	1	Filter-Spin On
5	109-0274	1	Hose-Fuel	21	353-781	2	Fitting-Elbow
6	3231-6	1	Screw-CARR	22	92-2379	6	Clamp-Hose
7	105-0040	1	Cable-Battery, Negative	23	32180-030	2	Clip-Tie
8	104-0086	1	Cable-Battery, Positive	24	110-8806	1	Pump-Fuel
9	3234-17	2	Screw-HHF	25	110-8817	1	Bracket-Pump, Fuel
10	3255-8	2	Washer-Lock	26	321-15	1	Screw-HH
11	104-8300	2	Nut-Flange, NI	27	104-7201	1	Nut-HF
12	32128-25	2	Nut-HF	28	110-4105	1	Hose-Fuel
13	3290-378	2	Tie-Cable	29	110-3958	1	Hose-Fuel
14	3290-379	1	Tie-Cable	30	110-3257	1	Hose-Fuel
15	33014-00	1	Nut-Hex	31	322-6	2	Screw-HH
16	3253-4	1	Washer-Lock	32	3256-23	2	Washer-Flat
17	2412-108	1	Clamp-Worm				



Air Cleaner Assembly

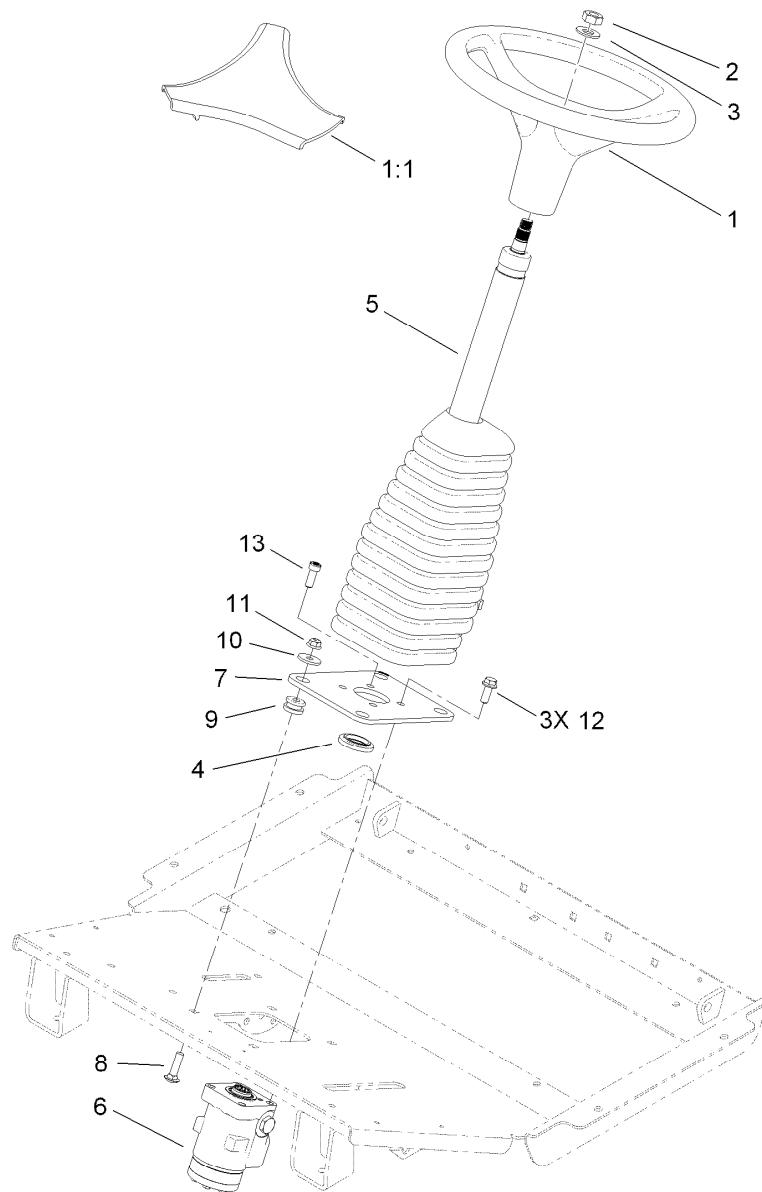
Ref.	Part Number	Qty.	Description
1	104-3428	1	Air Cleaner ASM
1:1	105-4292	1	Nipple-Pipe
1:2	104-0497	1	Cover
1:5	104-4897	1	Gasket
1:6	98-4525	1	Bracket-Cleaner, Air
1:7	104-0498	1	Valve-Vacuator
1:8	108-3810	1	Filter-Air
1:9	93-9164	1	Indicator-Mini
2	117-3020	1	Hose-Air Intake, Engine
3	117-3021	1	Hose-Inlet, Air
4	2412-130	4	Clamp-Hose
5	104-8300	4	Nut-Flange, NI
6	3234-17	2	Screw-HHF
8	3230-7	2	Bolt-CARR
9	119-1350-03	1	Plate-Air Cleaner



Engine Assembly

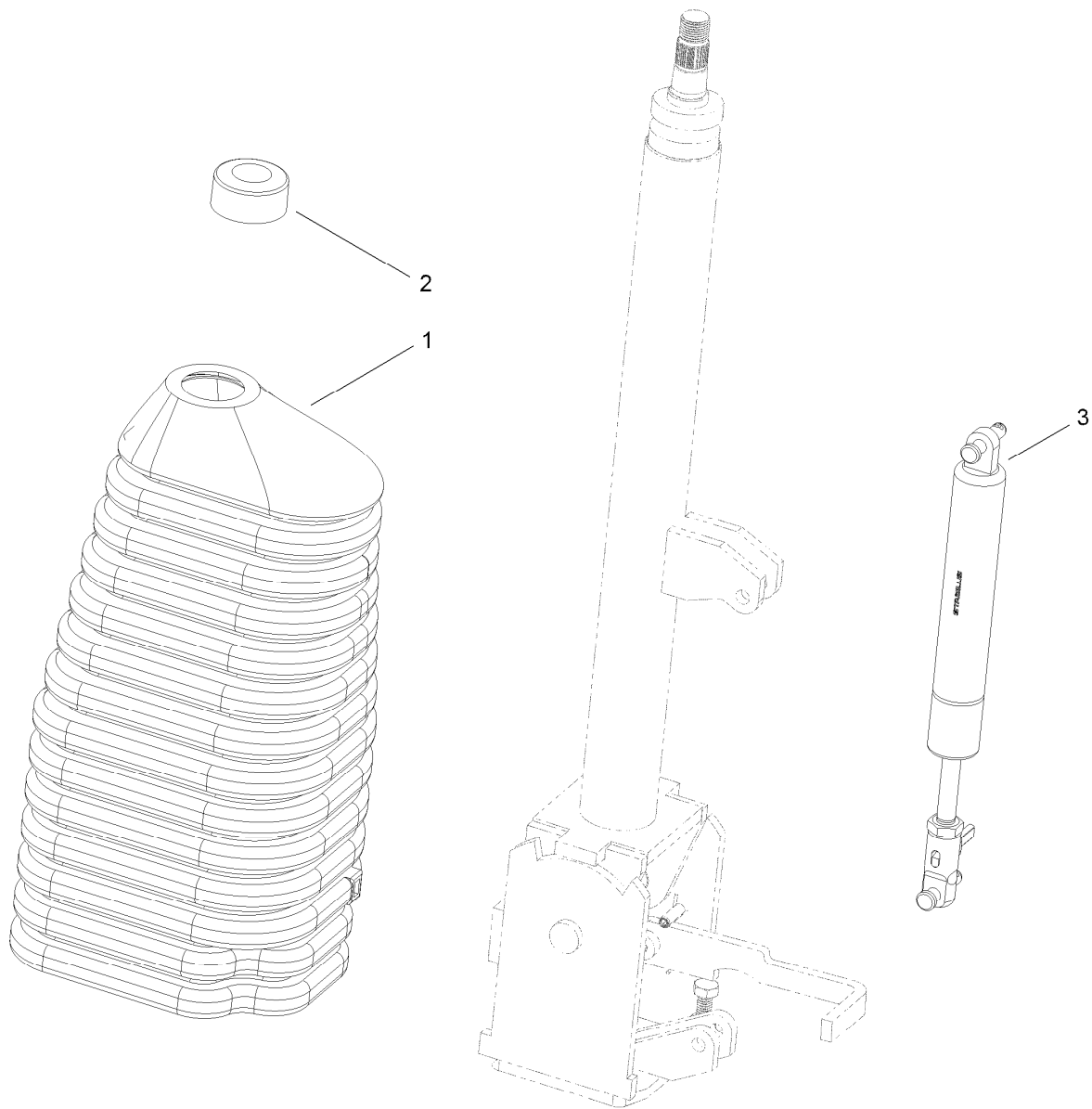
Ref.	Part Number	Qty.	Description
1		1	Engine-Kubota, V1505-E3B-Toro-3 ●
2	115-0059-03	1	Plate-Mount, Motor

● Not serviced separately



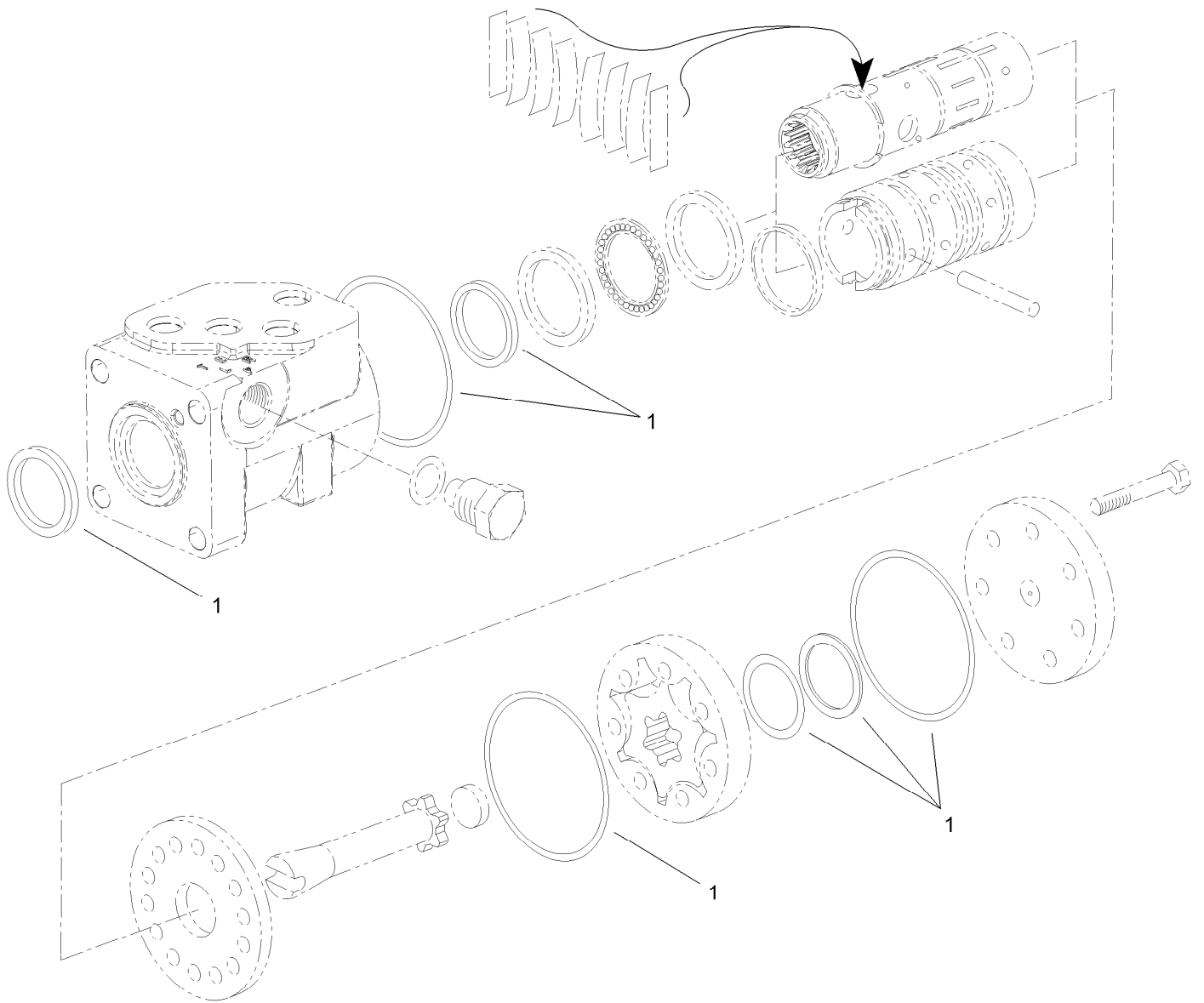
Steering Column Assembly

Ref.	Part Number	Qty.	Description
1	98-1471	1	Wheel-Steering
1:1	98-1468	1	Cover-Wheel, Steering
2	3296-33	1	Nut-Lock, NI
3	3256-27	1	Washer-Flat
4	117-3373	1	Bushing-Alignment
5	117-3371	1	Column-Steering
6	117-3265	1	Valve-Steering
7	117-3234-03	1	Plate-Steering
8	3231-26	4	Screw-CARR
9	63-9750	4	Mount
10	63-8410	4	Washer
11	104-8301	4	Nut-Flange, NI
12	108-1531	3	Screw-HHF
13	3273-41	1	Screw-HSH



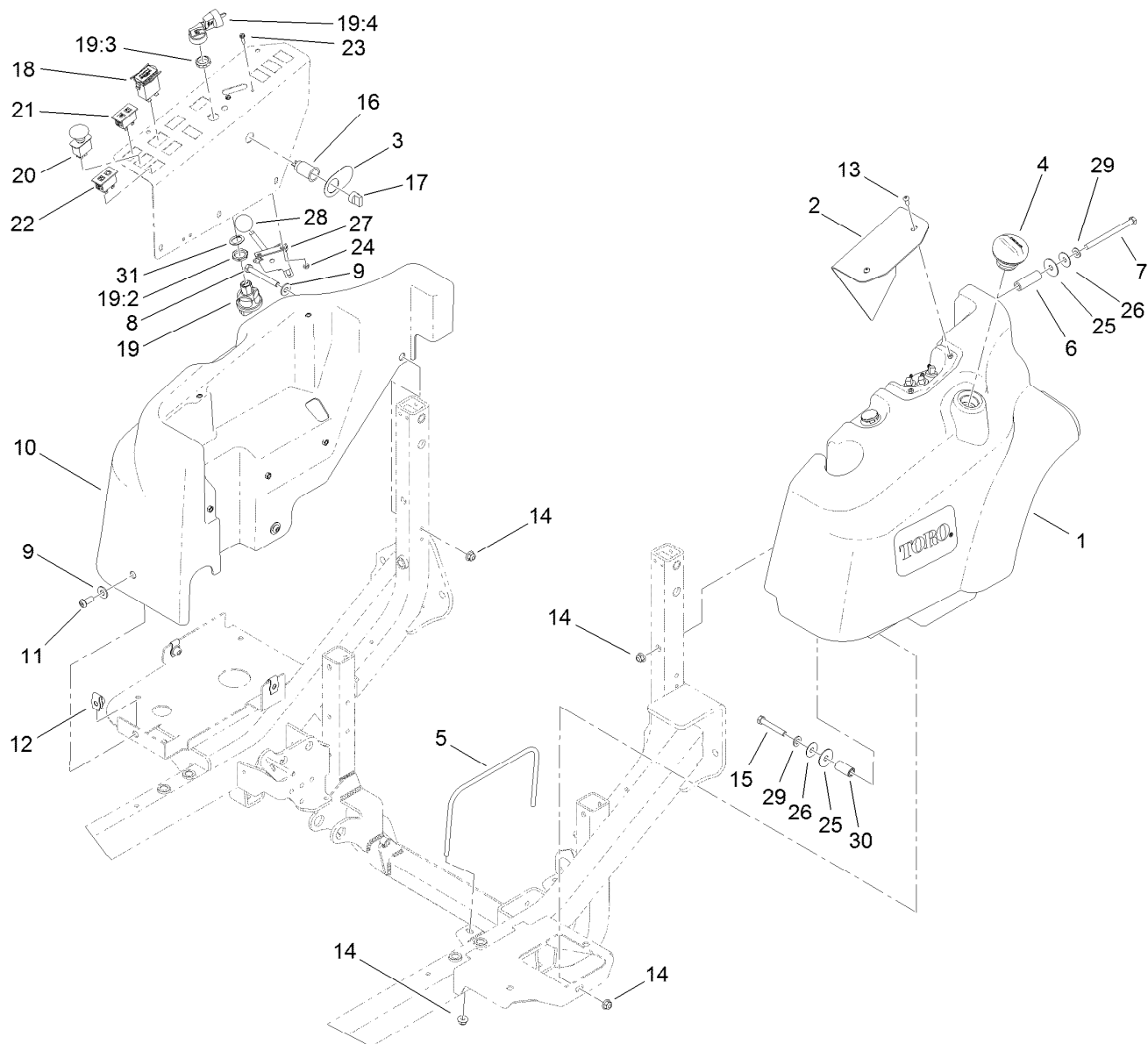
Steering Column Assembly No. 117-3371

Ref.	Part Number	Qty.	Description
1	120-2592	1	Boot-Rubber, Column
2	120-2593	1	Boot-Rubber, Bearing
3	120-2594	1	Gas Spring ASM



Steering Valve Assembly No. 117-3265

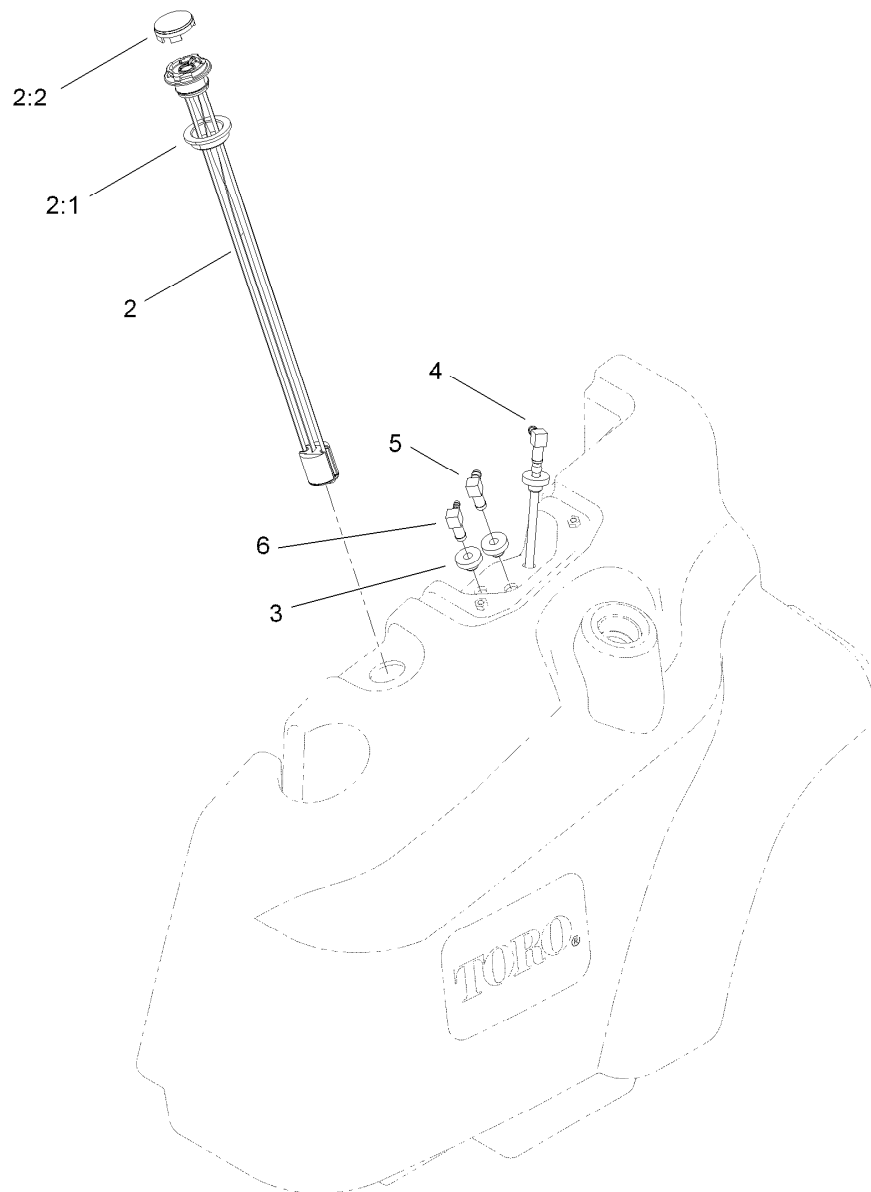
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	108-1519	1	Seal Kit



Fuel Tank and Control Panel Component Assembly

Ref.	Part Number	Qty.	Description
1	120-0255	1	Fuel Tank ASM
2	117-3359-03	1	Plate-Cover
3	106-2353	1	Decal-Powerpoint
4	115-5305	1	Cap-Fuel
5	117-3394	1	Bracket-Tank
6	117-3387	1	Tube-Spacer
7	323-39	1	Screw-HH
8	323-14	1	Screw-HH
9	100-7403	4	Washer-Flat
10	117-3353	1	Cover-Tank, HYD
11	3274-94	3	Screw-HSBH
12	105-4886	3	Nut-Tinnerman
13	3274-31	2	Screw-HSBH
14	104-8301	5	Nut-Flange, NI
15	323-12	1	Screw-HH
16	99-7411	1	Point-Power
17	99-7416	1	Cap

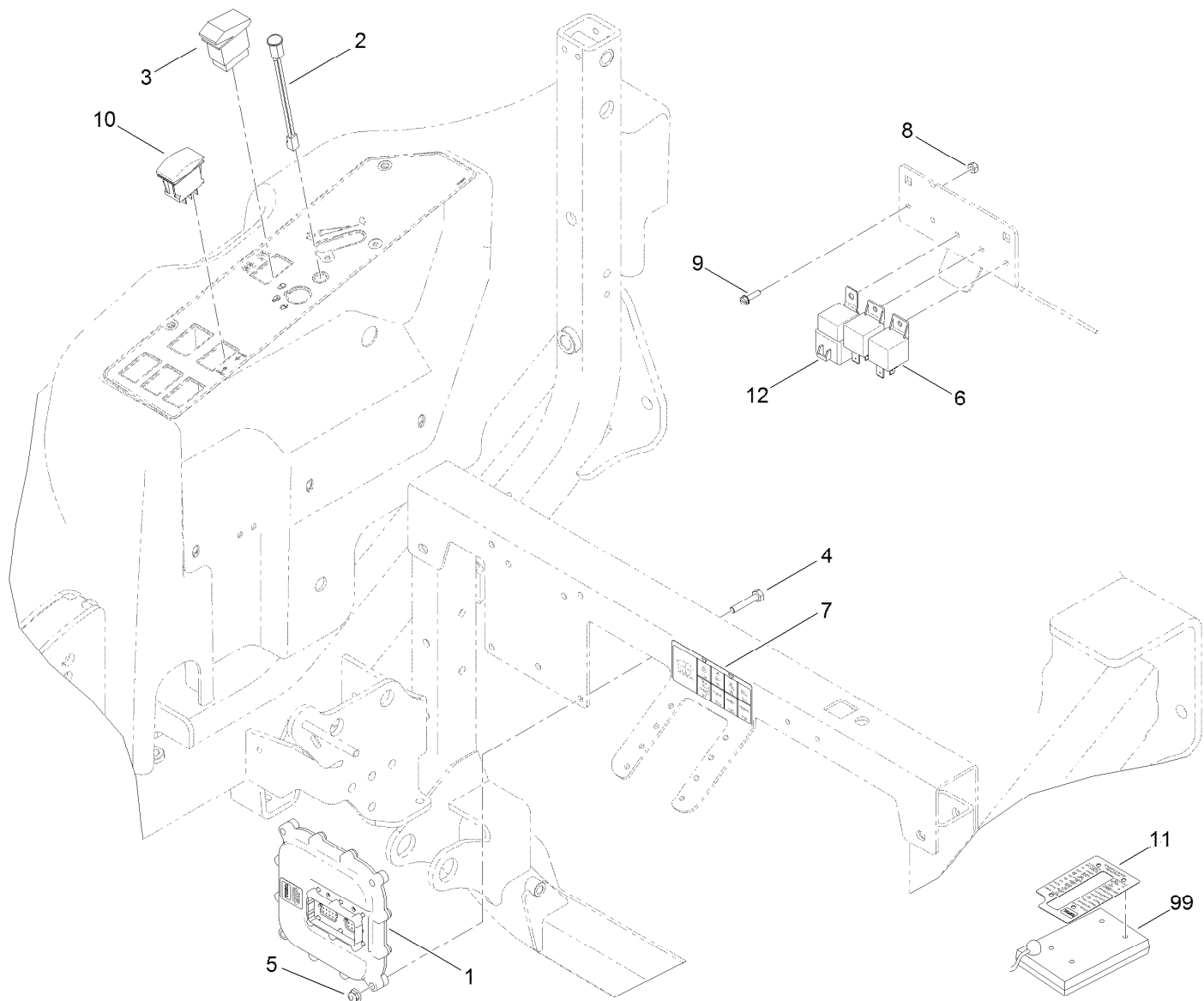
Ref.	Part Number	Qty.	Description
18	1-513374	1	Meter-Hour
19	121-5159	1	Ignition Switch ASM
19:2	121-5160	1	Nut-Hex
19:3	121-5161	1	Nut-Face
19:4	121-5162	1	Ignition Key Set
20	95-4108	1	Switch-PTO
21	100-8070	1	Lamp-Warning
22	100-8071	1	Lamp-Warning
23	32105-13	2	Screw-HWH
24	3296-2	2	Nut-Lock, NI
25	95-1905	2	Washer-Rubber
26	105-6814	2	Washer-Plain
27	110-5547	1	Lever-Control
28	233-42	1	Knob
29	3256-24	2	Washer-Flat
30	110-3726	1	Spacer
31	120-2036	1	Washer-Switch



Fuel Tank Assembly No. 120-0255

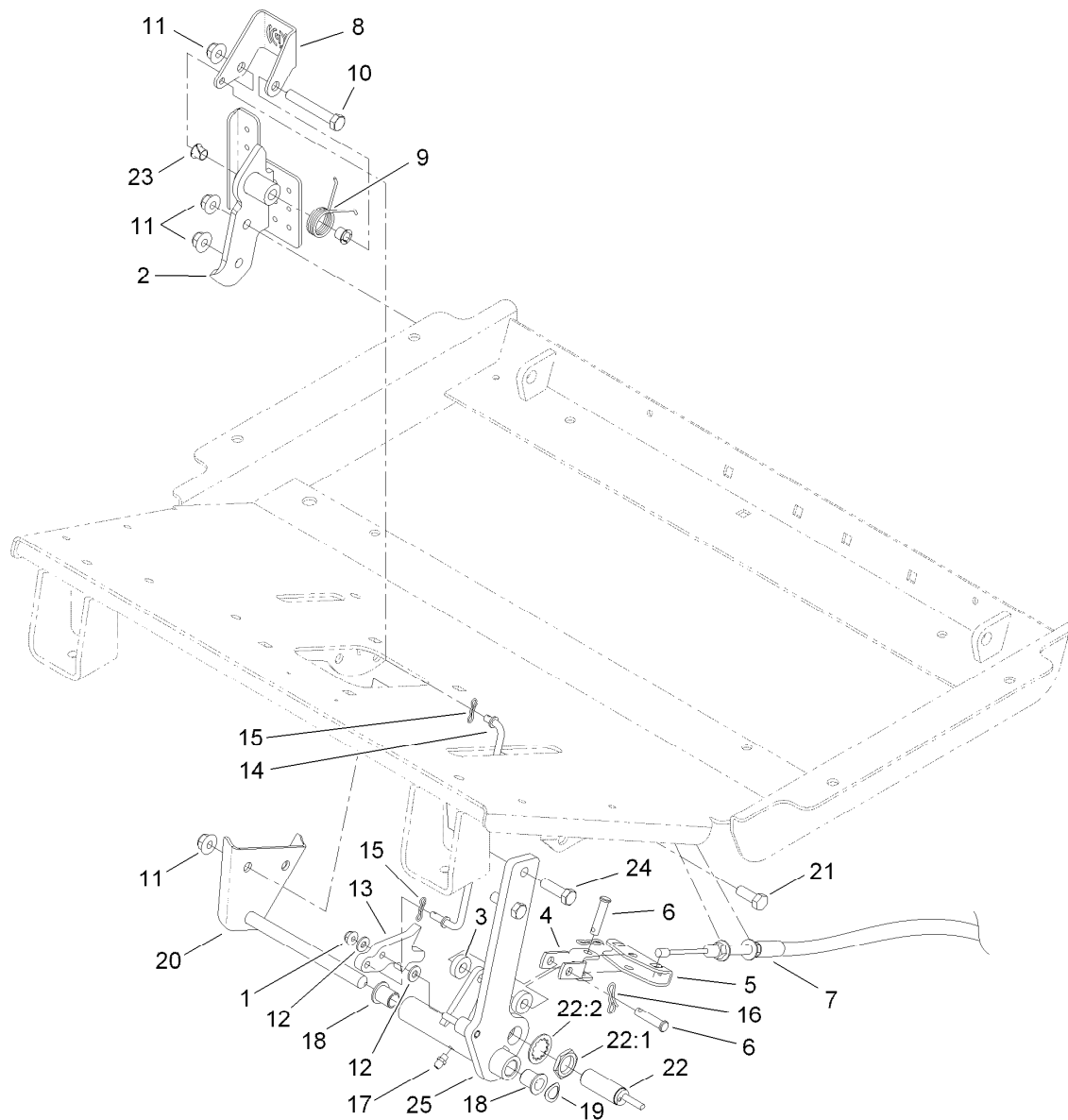
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	117-3238	1	Gauge-Fuel
2:1	119-0508	1	Seal
2:2	117-8404	1	Dial-Gauge
3	46-6560	3	Bushing
4	117-3370	1	Pipe-Stand
5	46-6550	1	Fitting-Elbow, 90 DEG
6	104-5228	1	Fitting-Elbow, 90 DEG

3374-334B



4 Wheel Drive Module Control and Relay Assembly

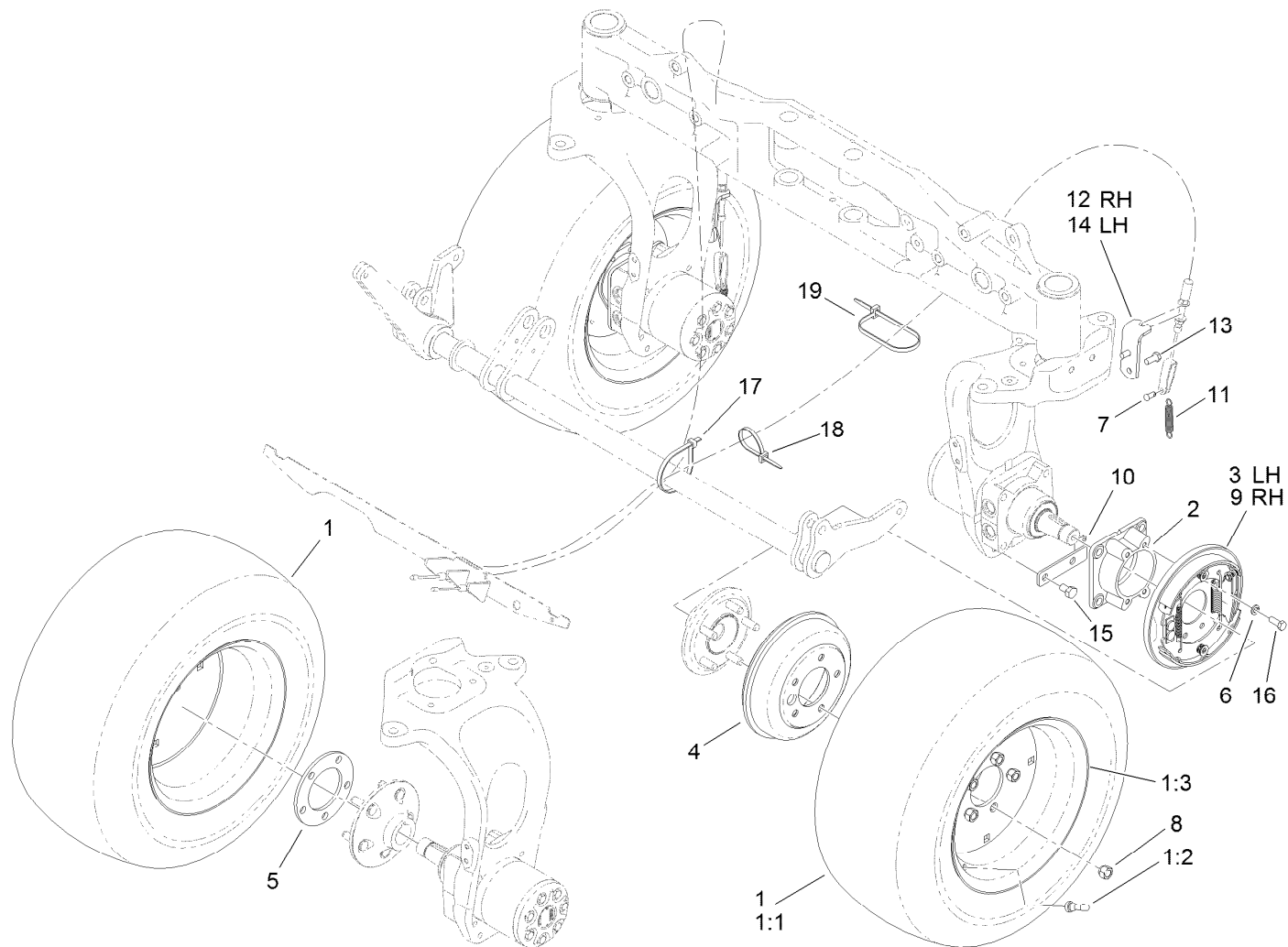
Ref.	Part Number	Qty.	Description
1	115-1900	1	Controller
2	95-7652	1	Light-Indicator
3	100-8490	1	Switch-Rocker
4	321-13	4	Screw-HH
5	104-7201	4	Nut-HF
6	99-7435	2	Relay-Power
7	117-3233	1	Decal-Fuseblock
8	3296-2	3	Nut-Lock, NI
9	32105-13	3	Screw-HWH
10	100-1535	1	Switch
11	120-0273	1	Decal-Diagnostic, Master
12	99-7430	1	Relay
99	85-4750	1	Box-Display, Diagnostic



Brake Pedal Assembly

Ref.	Part Number	Qty.	Description
1	104-7201	1	Nut-HF
2	119-1403-03	1	Pedal-Brake
3	5-0652	2	Spacer
4	115-8060	1	Clevis-Double
5	115-8059	1	Yoke-Cable
6	283-14	2	Pin-Clevis
7	117-3214	2	Cable-Brake
8	119-1407	1	Pedal-Park
9	99-7140	1	Spring-Torsion
10	323-12	1	Screw-HH
11	104-8301	5	Nut-Flange, NI
12	3256-22	2	Washer-Flat
13	119-1406	1	Detent-Brake
14	119-1405	1	Rod-Brake Pawl

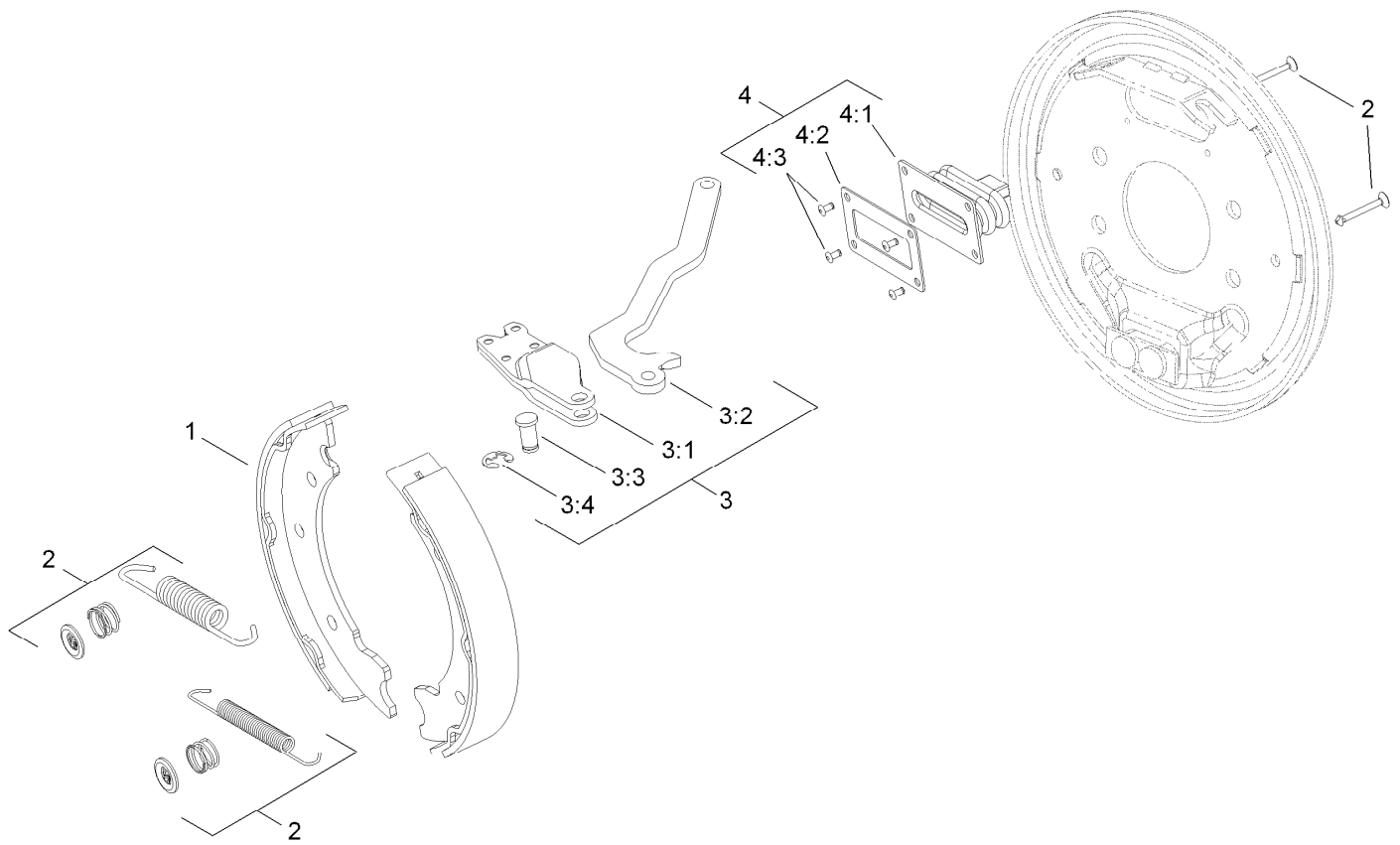
Ref.	Part Number	Qty.	Description
15	119-1414	2	Pin-Cotter, Locking
16	119-1415	2	Pin-Cotter, Locking
17	302-5	1	Fitting-Grease
18	256-155	2	Bushing-Flange
19	3290-221	1	Washer-Spring
20	119-1388	1	Brake Pin ASM
21	323-6	2	Screw-HH
22	115-5300	1	Proximity Switch ASM
22:1	117-3207	2	Nut-Hex
22:2	117-3208	2	Washer-Lock, Internal Tooth
23	52-2891	2	Bushing-Flanged, Nylon
24	323-7	2	Screw-HH
25	119-1400-03	1	Lever-Brake



Wheel and Brake Assembly

Ref.	Part Number	Qty.	Description
1	117-2900	4	Tire And Wheel ASM
1:1	117-2901	1	Tire
1:2	232-27	1	Stem-Valve
1:3	117-2902	1	Rim
2	120-0248-03	2	Adapter-Brake
3	120-0235	1	LH Brake ASM
4	114-8864	2	Drum-Brake
5	115-0199-03	2	Spacer-Wheel
6	3253-21	8	Washer-Lock
7	283-62	2	Pin-Clevis
8	242-50	10	Nut-Lug

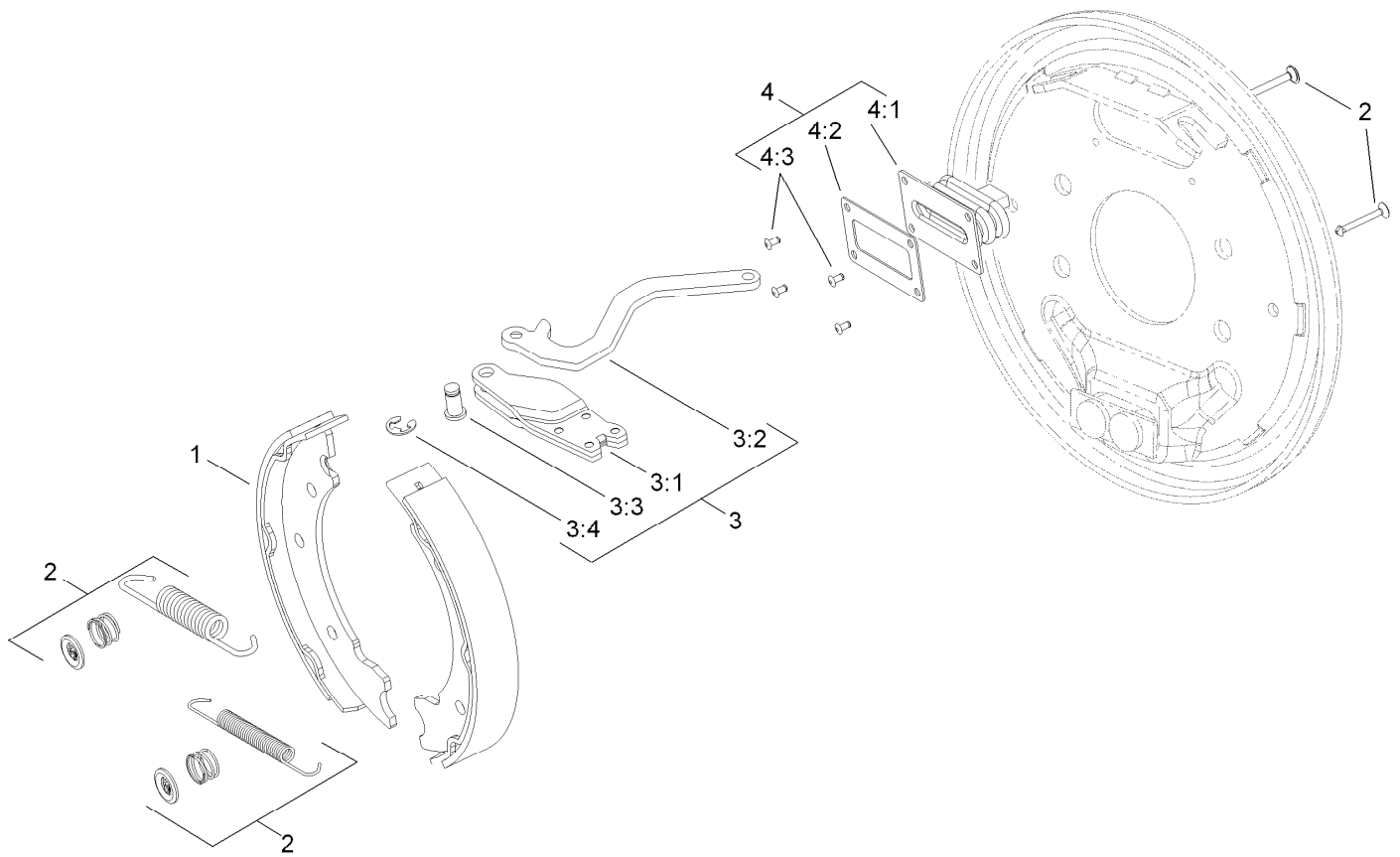
Ref.	Part Number	Qty.	Description
9	120-0233	1	RH Brake ASM
10	115-0132	2	Bracket-Spring, Return
11	87-4020	2	Spring-Extension
12	119-1352-03	1	Bracket-Brake Cable, RH
13	325-2	4	Screw-HH
14	119-1449-03	1	Bracket-Brake Cable, LH
15	323-5	4	Screw-HH
16	323-6	8	Screw-HH
17	3334-945	1	Tie-Cable
18	3290-378	1	Tie-Cable
19	250-5	1	Tie-Cable



Right Hand Brake Assembly No. 120-0233

Ref.	Part Number	Qty.	Description
1	108-6981	1	Brake Shoe Kit
2	108-6983	1	Brake Hardware Kit
3	120-0234	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 ●

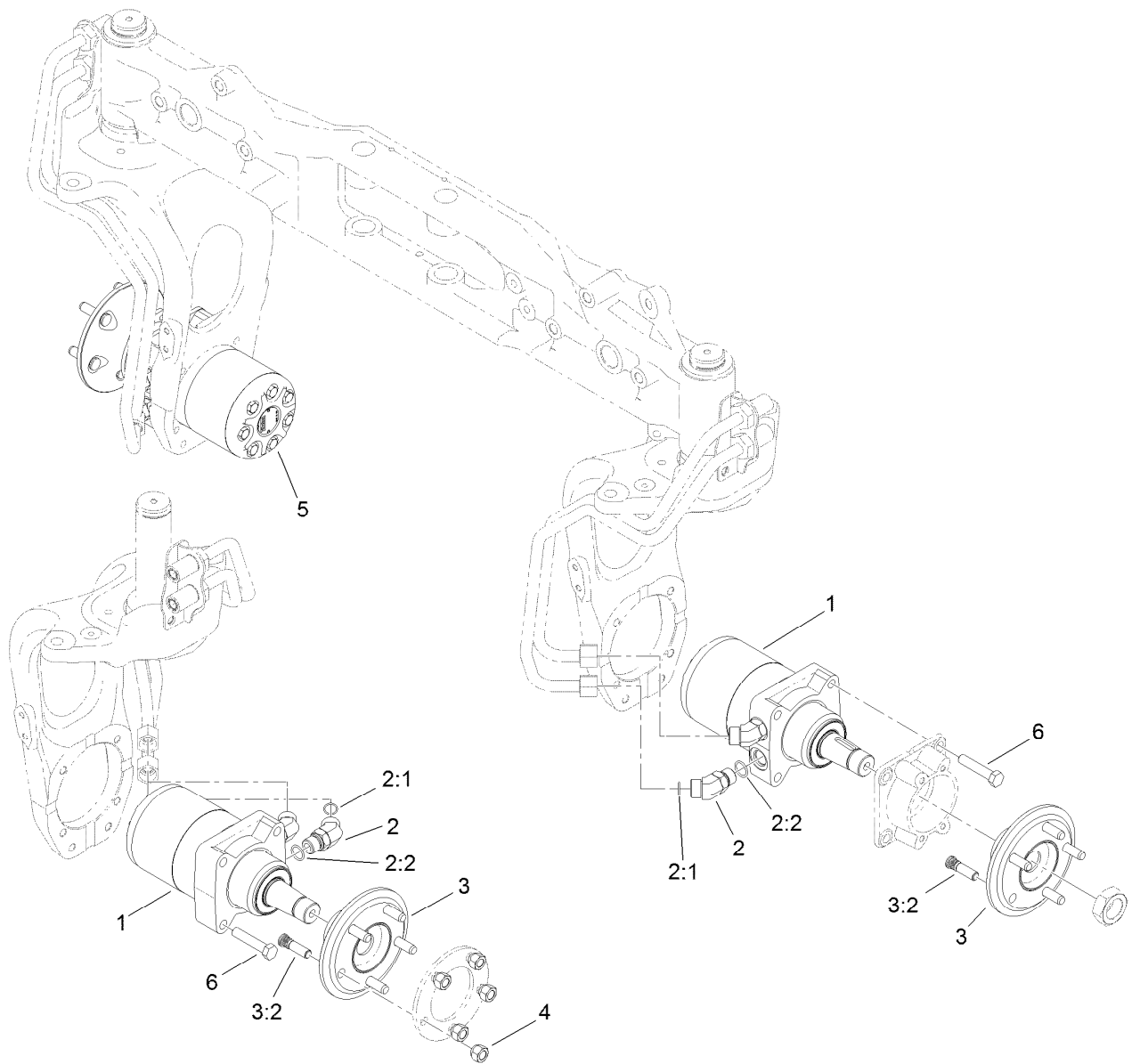
● Not serviced separately



Left Hand Brake Assembly No. 120-0235

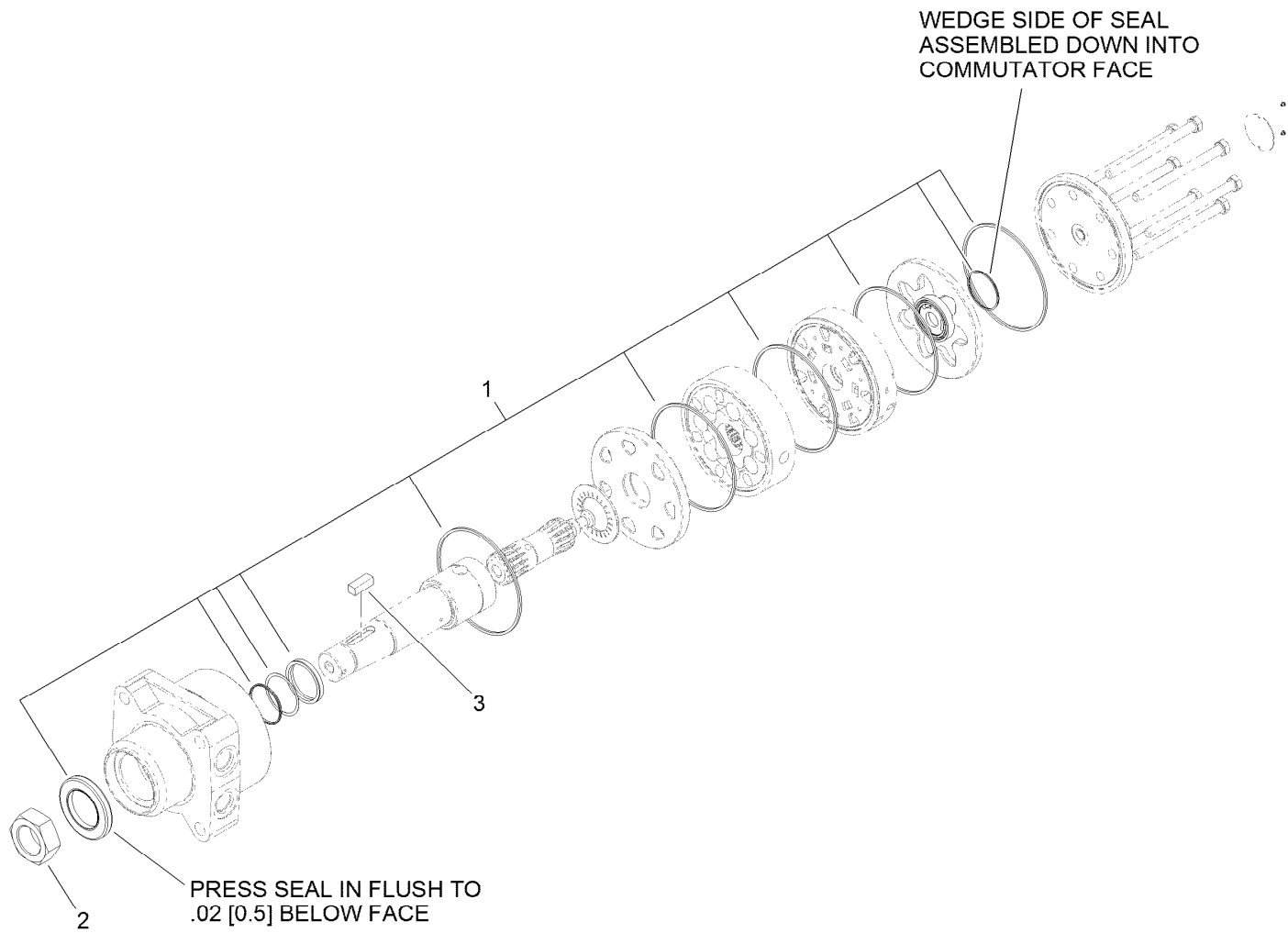
Ref.	Part Number	Qty.	Description
1	108-6981	1	Brake Shoe Kit
2	108-6983	1	Brake Hardware Kit
3	120-0236	1	LH Actuator Kit
3:1		1	Housing ●
3:2		1	Lever-LH ●
3:3		1	Pin-Pivot ●
3:4		1	E-Ring ●
4	110-8885	1	Dust Boot Kit
4:1		1	Boot ●
4:2		1	Plate-Back Up ●
4:3		2	Rivet ●

● Not serviced separately



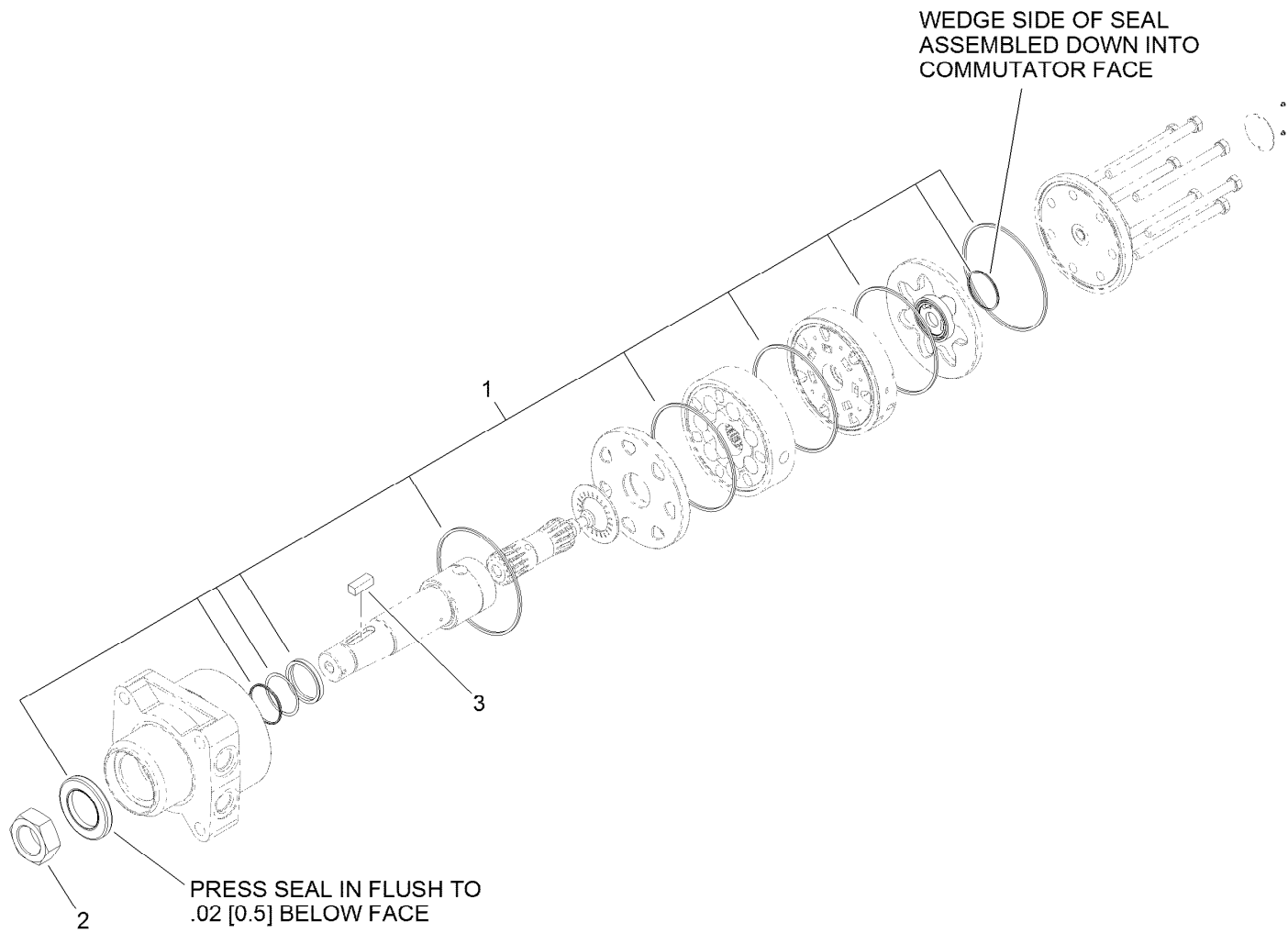
4 Wheel Drive Hydraulic Motor and Fitting Assembly

Ref.	Part Number	Qty.	Description
1	117-3284	2	HYD Motor ASM (280 CCW)
2	340-14	8	Fitting-HYD, 45 DEG
2:1	237-65	1	O-Ring
2:2	237-80	1	O-Ring
3	120-6739	4	Wheel Hub ASM
3:2	114-3918	5	Stud-Wheel
4	242-50	10	Nut-Lug
5	117-3285	2	HYD Motor ASM (280 CW)
6	325-34	16	Screw-HH



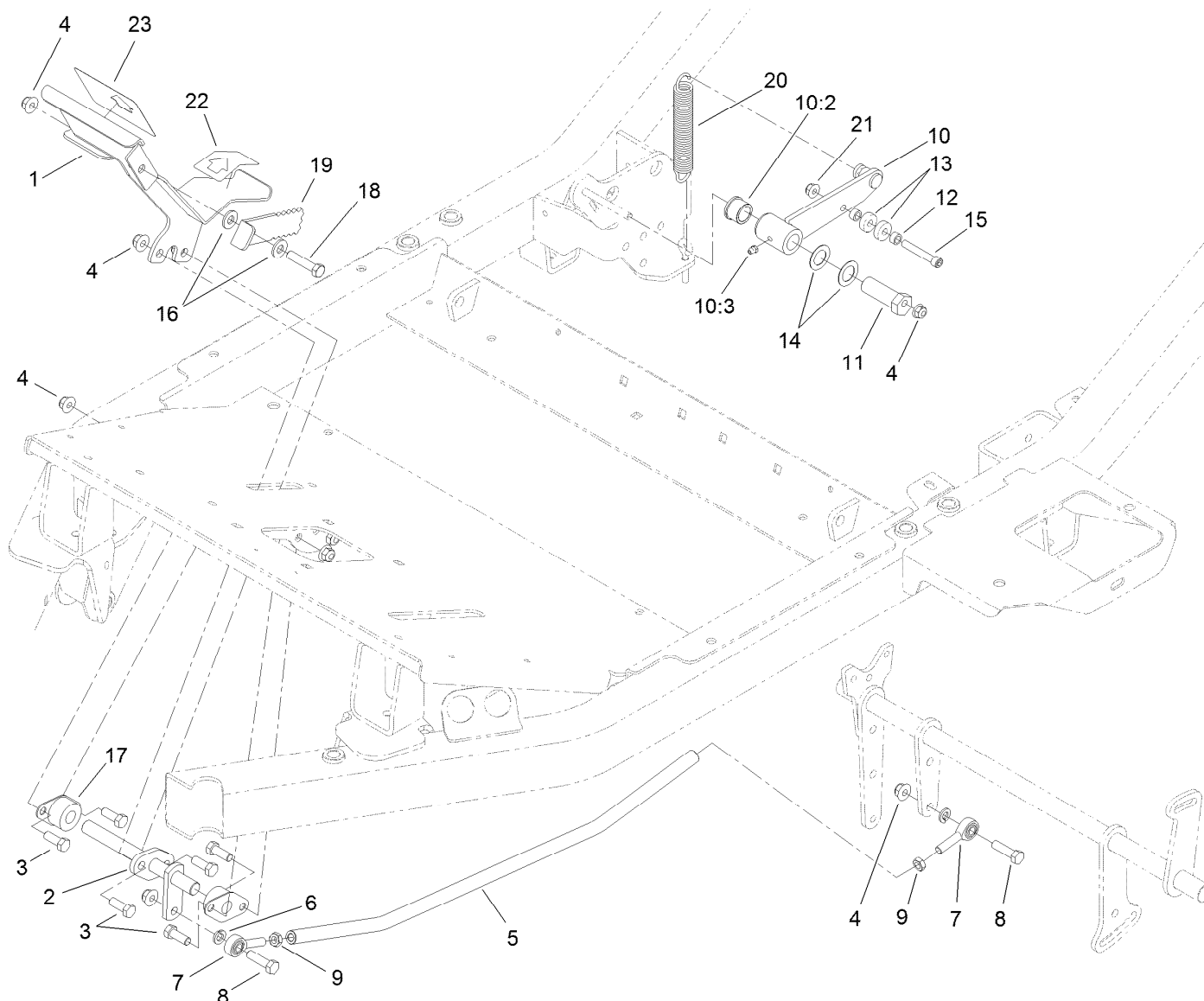
Hydraulic Motor Assembly No. 117-3284 (CCW)

Ref.	Part Number	Qty.	Description
1	107-9368	1	Seal Kit
2	117-3290	1	Nut-Hex
3	117-5198	1	Key-Square



Hydraulic Motor Assembly No. 117-3285 (CW)

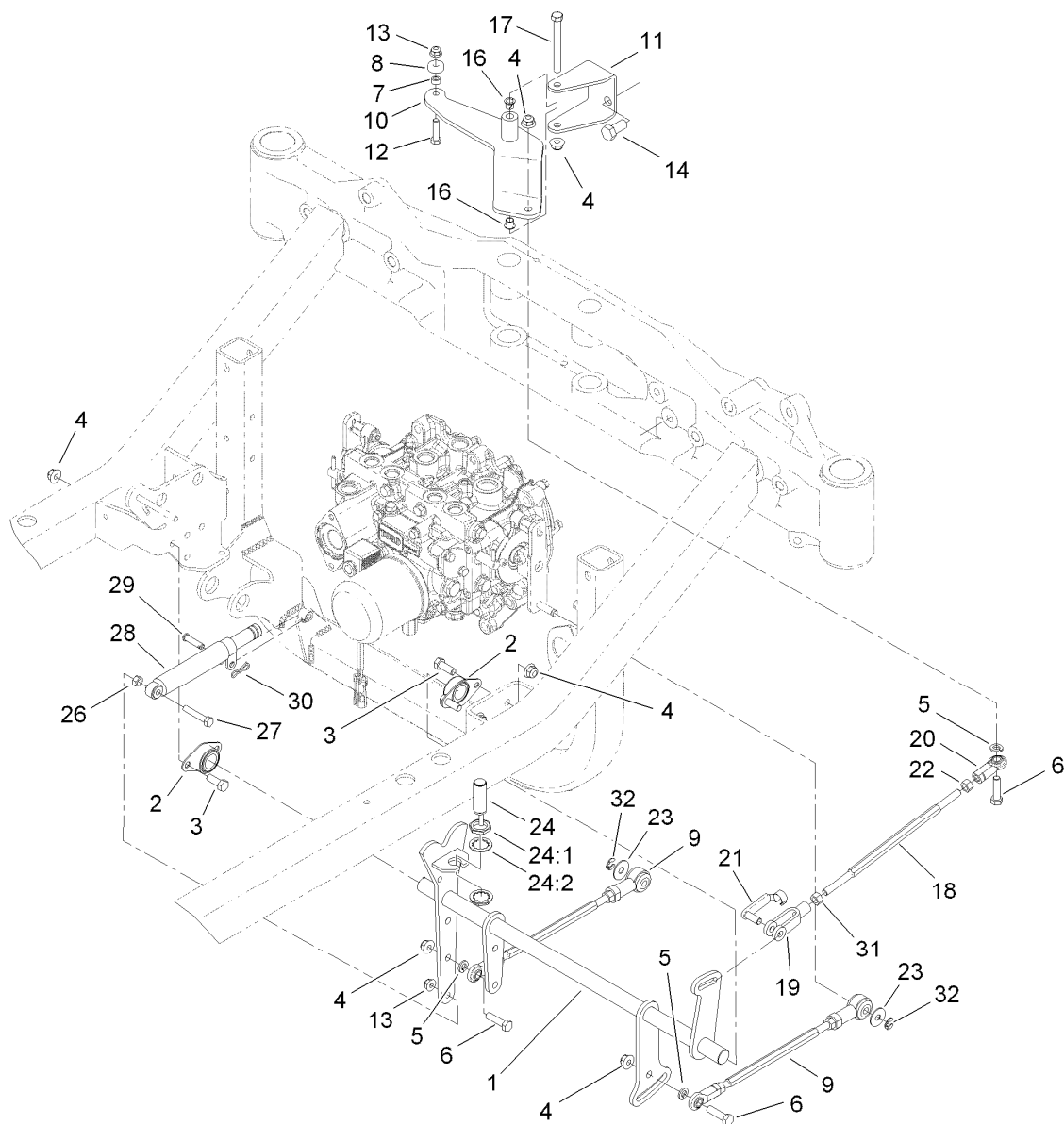
Ref.	Part Number	Qty.	Description
1	107-9368	1	Seal Kit
2	117-3290	1	Nut-Hex
3	117-5198	1	Key-Square



Neutral and Traction Pedal Assembly

Ref.	Part Number	Qty.	Description
1	117-3070-01	1	Pedal
2	117-3073	1	Pivot-Pedal
3	323-6	6	Screw-HH
4	104-8301	10	Nut-Flange, NI
5	115-0072-03	1	Rod-Traction
6	3253-21	2	Washer-Lock
7	2411-36	2	Bearing-End, Rod
8	323-29	2	Screw-HH
9	3220-3	2	Nut-HJ
10	115-0148	1	Arm ASM
10:2	256-113	2	Bushing-Flange
10:3	302-5	1	Fitting-Grease
11	117-9046	1	Stud-Eccentric

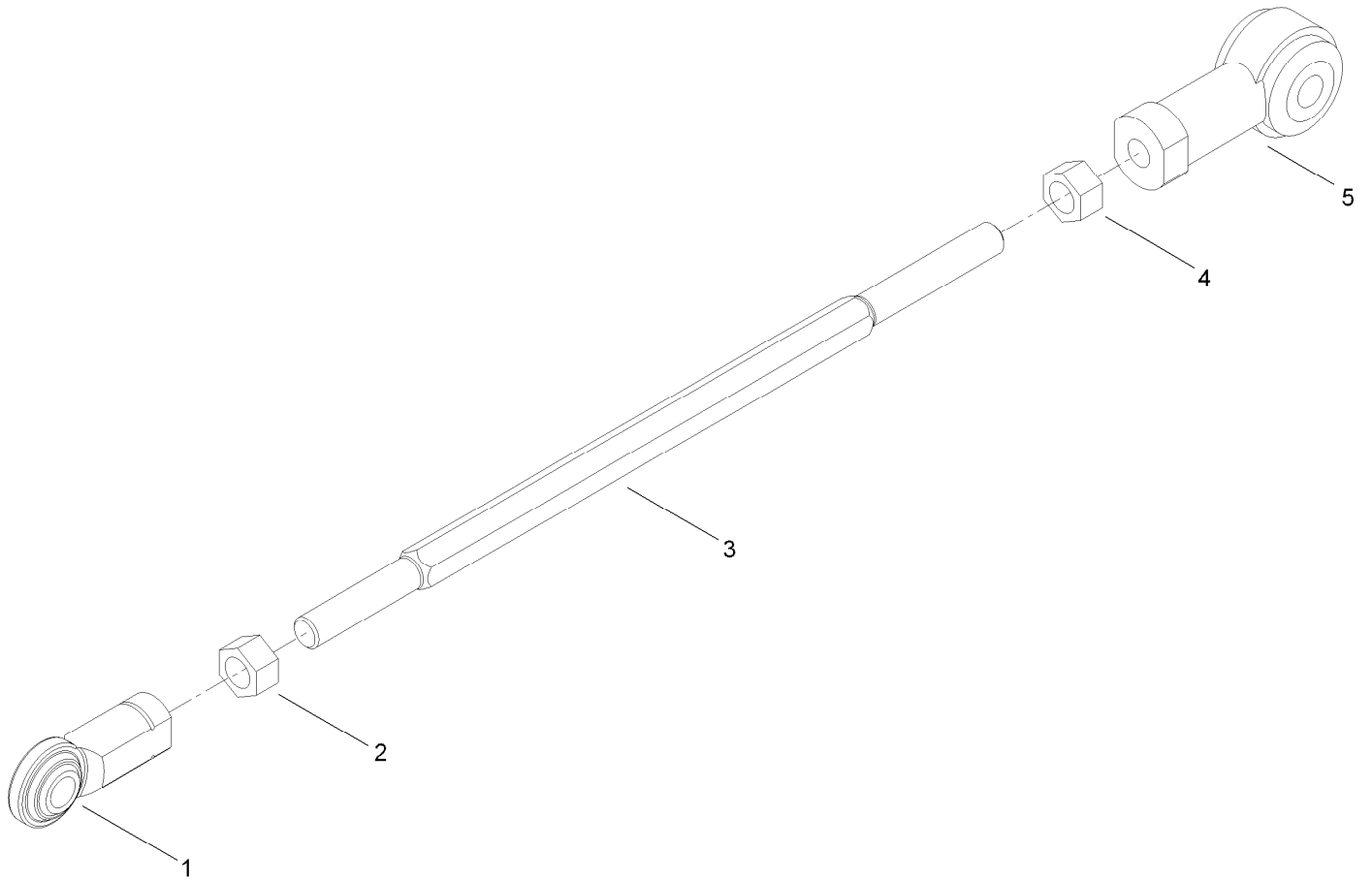
Ref.	Part Number	Qty.	Description
12	85-9120	2	Spacer-Pivot, Tilt
13	251-307	2	Bearing-Ball
14	3-6498	2	Washer-Thrust
15	3274-86	1	Screw-HSH
16	66-2920	2	Washer-Friction
17	256-236	2	Bearing-Mount, Flange
18	323-9	1	Screw-HH
19	117-3298	1	Lever-Mow Stop
20	116506	1	Spring-Extension
21	104-8300	1	Nut-Flange, NI
22	94-3308	1	Pad-Pedal, Traction
23	94-3307	1	Pad-Pedal, Traction



Traction Pump Linkage Assembly

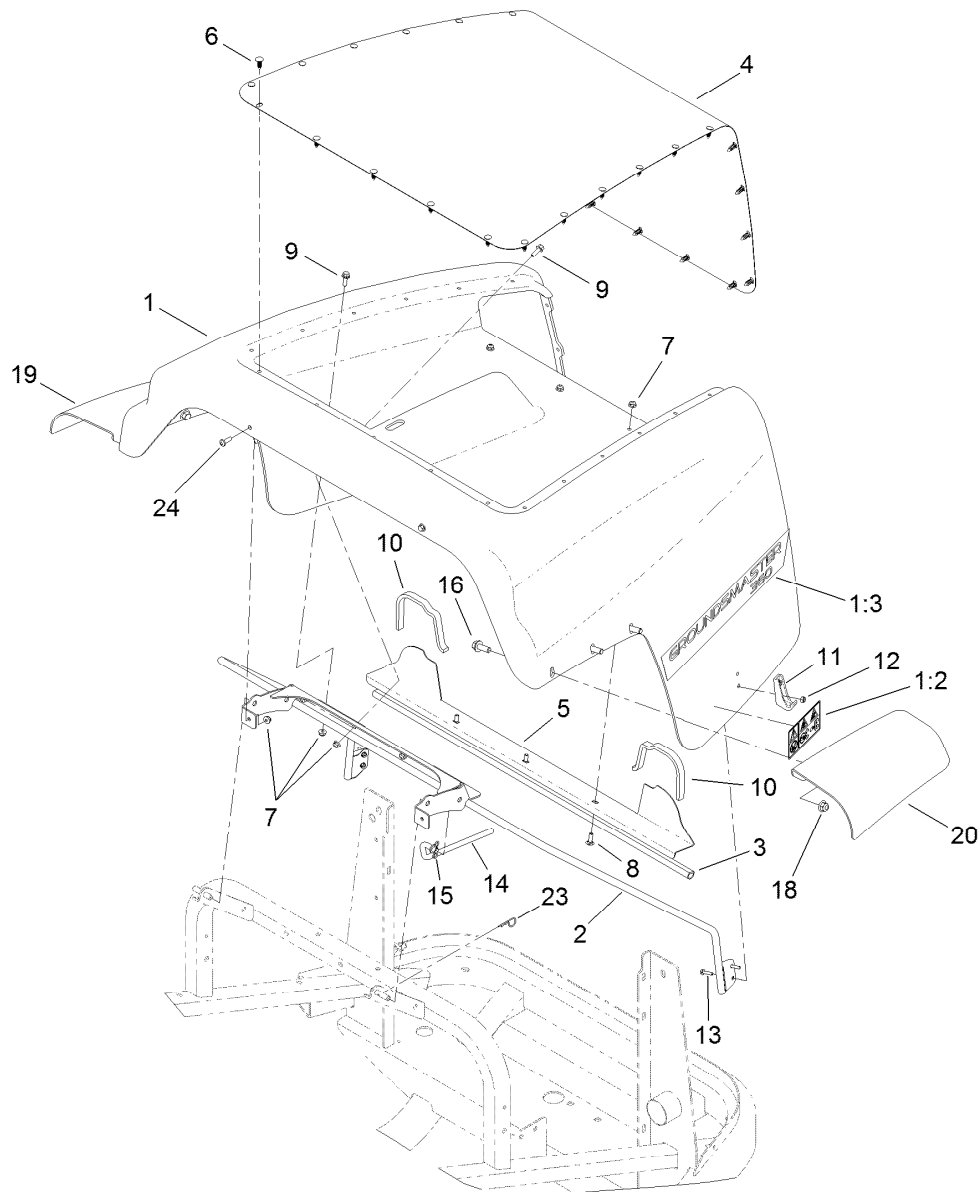
Ref.	Part Number	Qty.	Description
1	115-0080-03	1	Shaft-Control, Speed
2	117-3255	2	Bearing-Side Flange
3	323-6	4	Screw-HH
4	104-8301	8	Nut-Flange, NI
5	3253-21	3	Washer-Lock
6	323-29	3	Screw-HH
7	85-9120	1	Spacer-Pivot, Tilt
8	251-307	1	Bearing-Ball
9	112-5099	2	Link ASM
10	115-0084-03	1	Arm
11	119-1351-03	1	Channel-Pivot
12	322-6	1	Screw-HH
13	104-8300	2	Nut-Flange, NI
14	325-4	2	Screw-HH
16	52-2891	2	Bushing-Flanged, Nylon
17	323-15	1	Screw-HH

Ref.	Part Number	Qty.	Description
18	105-7239	1	Rod-Threaded
19	1-633131	1	Yoke-Linkage, Brake
20	103-1167	1	Joint-Ball End, LH
21	103-2399	1	Pin-Spring, Clevis
22	3219-20	1	Nut-Hex, LH
23	52-2860	2	Washer
24	115-5300	1	Proximity Switch ASM
24:1	117-3207	2	Nut-Hex
24:2	117-3208	2	Washer-Lock, Internal Tooth
26	3217-6	1	Nut-Hex
27	322-9	1	Screw-HH
28	76-8870	1	Damper-Lever
29	283-6	1	Pin-Clevis
30	119-1415	1	Pin-Cotter, Locking
31	3219-3	1	Nut-Hex
32	32151-47	2	Ring-Retaining



Link Assembly No. 112-5099

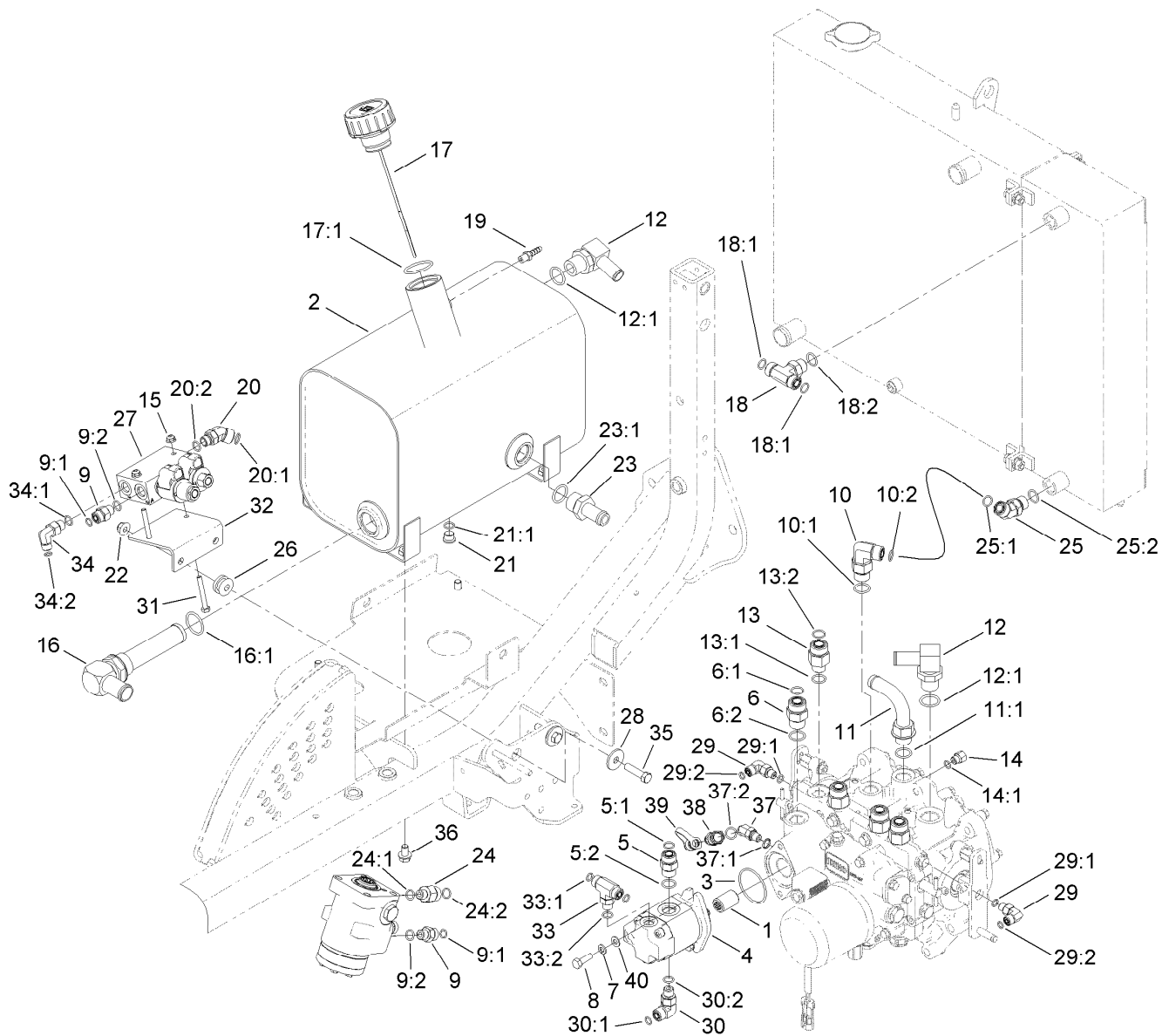
Ref.	Part Number	Qty.	Description
1	103-1167	1	Joint-Ball End, LH
2	3219-20	1	Nut-Hex, LH
3	105-7239	1	Rod-Threaded
4	3219-3	1	Nut-Hex
5	105-7199	1	Rod End-Isolated



Hood Assembly

Ref.	Part Number	Qty.	Description
1	120-0266	1	Hood ASM
1:2	117-3270	2	Decal-Danger
1:3	117-3279	2	Decal-Hood
2	115-0364-03	1	Mount-Hood
3	115-0423	1	Seal-Bulb
4	115-0370-03	1	Screen
5	115-0422-03	1	Seal-Hood
6	117-2382	29	Plug-Plastic
7	104-7201	11	Nut-HF
8	3229-1	3	Bolt-CARR
9	3234-4	6	Screw-HHF
10	110-8288	2	Seal-Foam

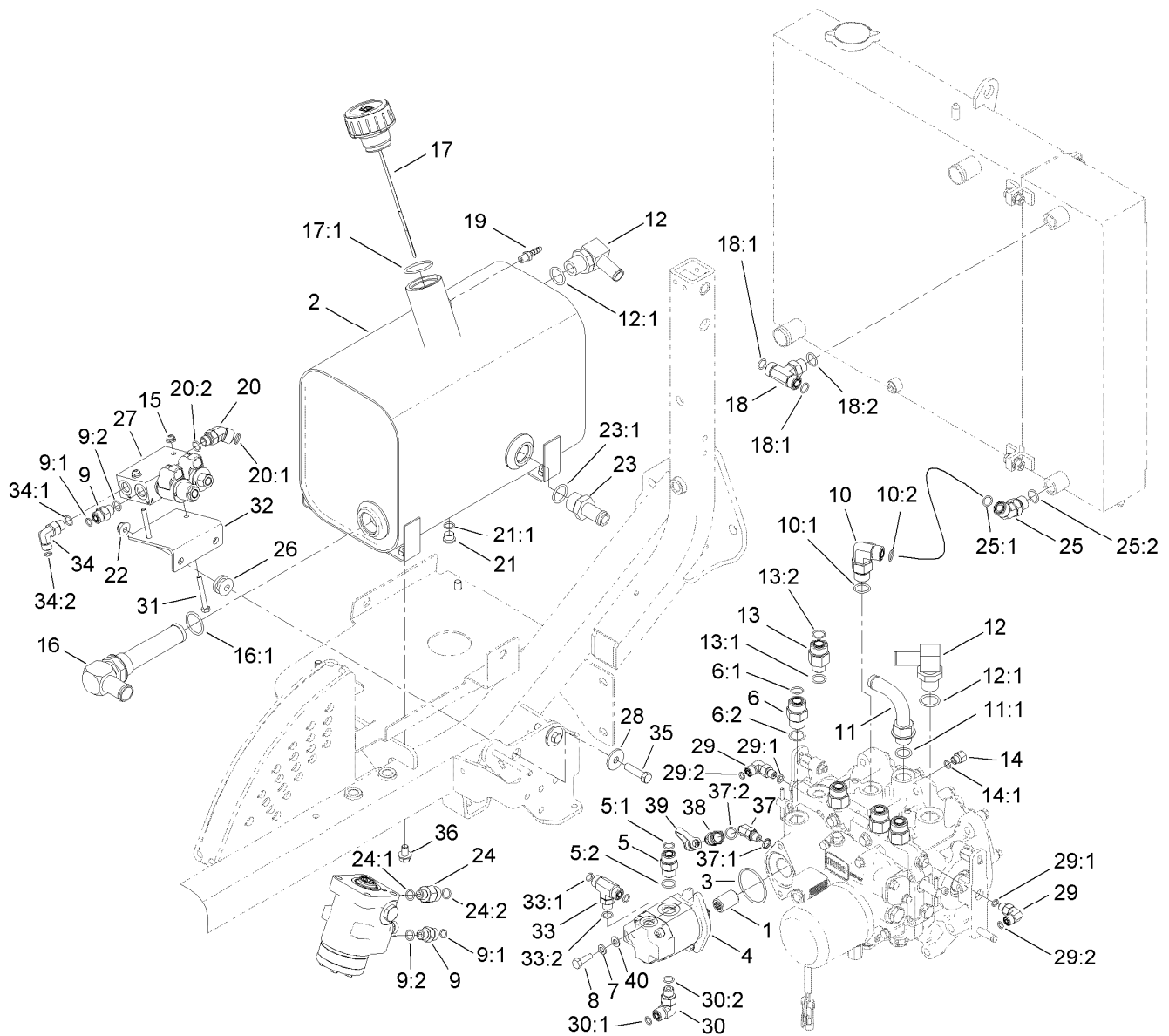
Ref.	Part Number	Qty.	Description
11	103-2897	2	Latch-Catch
12	3296-2	4	Nut-Lock, NI
13	32105-13	4	Screw-HWH
14	117-3171	1	Rod-Prop
15	119-1415	1	Pin-Cotter, Locking
16	3234-42	6	Screw-HHF
18	104-8301	6	Nut-Flange, NI
19	117-3369	1	Fender-Rear, RH
20	117-3368	1	Fender-Rear, LH
23	9335054	1	Pin-Hair
24	3250-32	2	Screw-PPH



Deck Lift Valve and Hydraulic Fitting Assembly

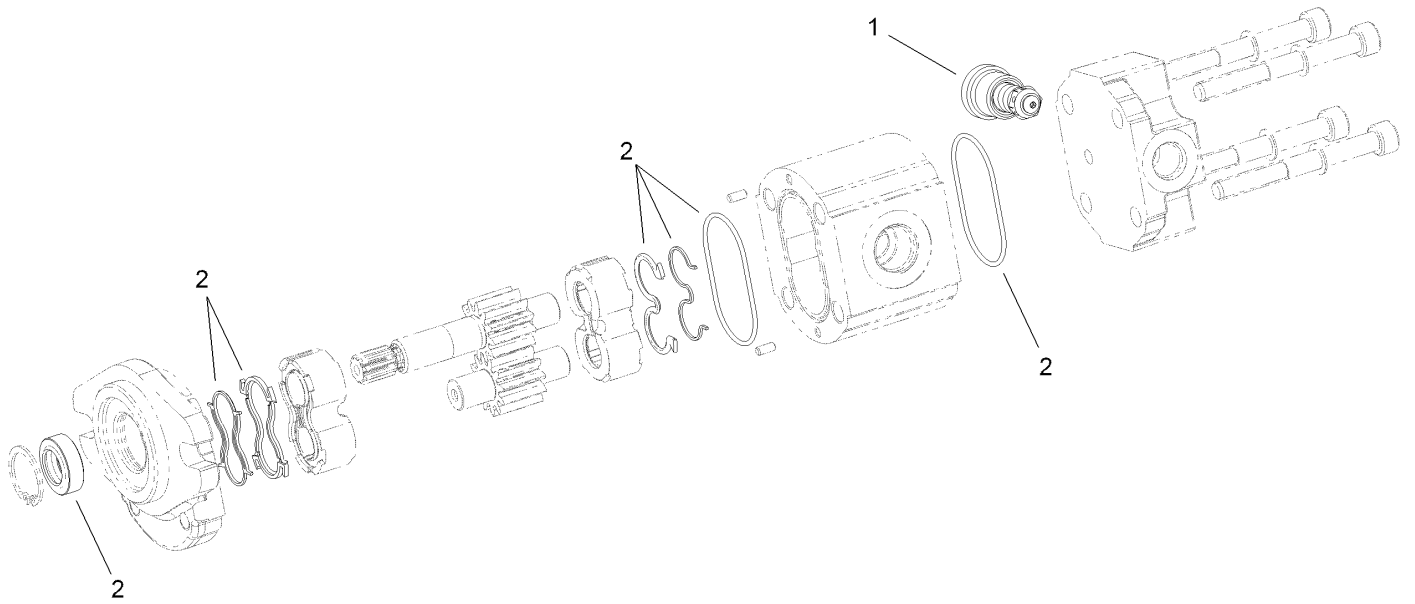
Ref.	Part Number	Qty.	Description
1	108-9920	1	Coupler-Spline
2	117-3372	1	Tank-Hydraulic, Metal
3	108-9919	1	O-Ring
4	115-0375	1	Gear Pump ASM
5	340-4	1	Fitting-HYD, Straight
5:1	237-30	1	O-Ring
5:2	237-79	1	O-Ring
6	340-7	1	Adapter
6:1	237-65	1	O-Ring
6:2	237-80	1	O-Ring
7	3253-4	2	Washer-Lock
8	33114-025	2	Screw-HH
9	340-2	5	Fitting-HYD, Straight
9:1	237-22	1	O-Ring
9:2	237-42	1	O-Ring
10	340-105	1	Fitting-HYD, 90 DEG
10:1	237-80	1	O-Ring
10:2	237-30	1	O-Ring
11	110-5522	1	Fitting-Elbow, 90
11:1	237-80	1	O-Ring

Ref.	Part Number	Qty.	Description
12	353-987	2	Fitting-HYD, 90 DEG (Barbed)
12:1	237-81	1	O-Ring
13	340-155	4	Fitting-HYD, Straight
13:1	237-79	1	O-Ring
13:2	237-151	1	O-Ring
14	110-5536	1	Fitting-HYD, Adapter
14:1	237-78	1	O-Ring
15	104-7201	2	Nut-HF
16	105-0204	1	Strainer Fitting ASM
16:1	237-146	1	O-Ring
17	117-3389	1	Cap-Tank, Hydraulic
17:1	237-101	1	O-Ring
18	340-157	1	Fitting-HYD, Tee
18:1	237-79	1	O-Ring
18:2	237-30	2	O-Ring
19	94-7220	1	Fitting-Barb, Hose
20	340-96	1	Adapter
20:1	237-30	1	O-Ring
20:2	237-42	1	O-Ring
21	353-989	1	Plug-Hex, Hollow



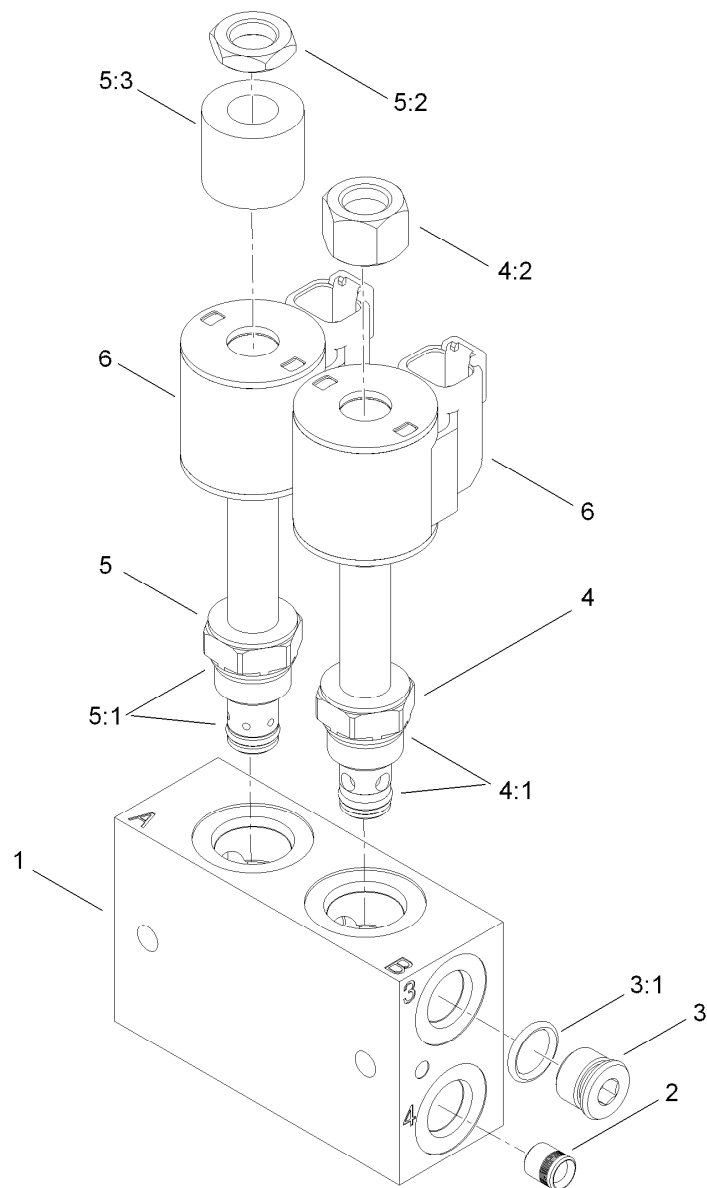
Deck Lift Valve and Hydraulic Fitting Assembly (continued)

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
21:1	237-42	1	O-Ring	30:2	237-42	1	O-Ring
22	104-8301	2	Nut-Flange, NI	31	321-11	2	Screw-HH
23	354-73	1	Fitting-Straight	32	115-0355-03	1	Plate-Mount, Valve
23:1	237-81	1	O-Ring	33	340-94	1	Adapter
24	340-5	1	Fitting-Straight	33:1	237-22	2	O-Ring
24:1	237-42	1	O-Ring	33:2	237-42	1	O-Ring
24:2	237-30	1	O-Ring	34	340-82	1	Adapter
25	340-101	1	Fitting-HYD, 45 DEG	34:1	237-42	1	O-Ring
25:1	237-30	1	O-Ring	34:2	237-21	1	O-Ring
25:2	237-79	1	O-Ring	35	323-8	2	Screw-HH
26	63-9750	2	Mount	36	32144-15	4	Screw-HHFTF
27	115-0356	1	Deck Lift Valve ASM	37	340-103	1	Fitting-HYD, 45 DEG
28	63-8410	2	Washer	37:1	237-78	1	O-Ring
29	340-132	2	Fitting-HYD, 90 DEG	37:2	237-21	1	O-Ring
29:1	237-78	1	O-Ring	38	115-8886	1	Nipple-Test
29:2	237-21	1	O-Ring	39	354-79	1	Cap-Dust
30	340-77	1	Fitting-HYD, 90 DEG	40	3256-23	2	Washer-Flat
30:1	237-22	1	O-Ring				



Hydraulic Gear Pump Assembly No. 115-0375

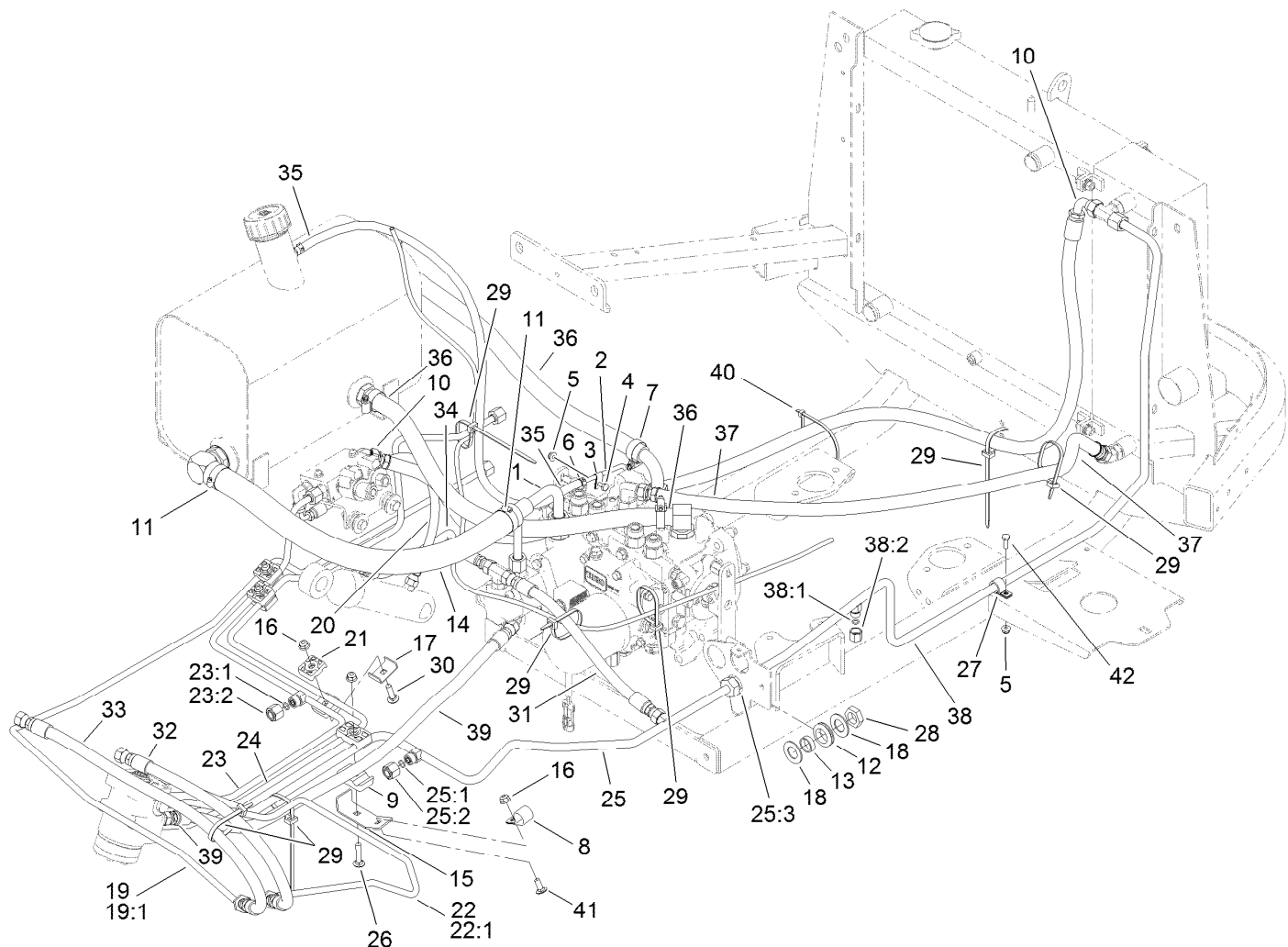
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	115-0376	1	Valve-Relief, 125 Bar
2	112-0199	1	Seal Kit



Deck Lift Valve Assembly No. 115-0356

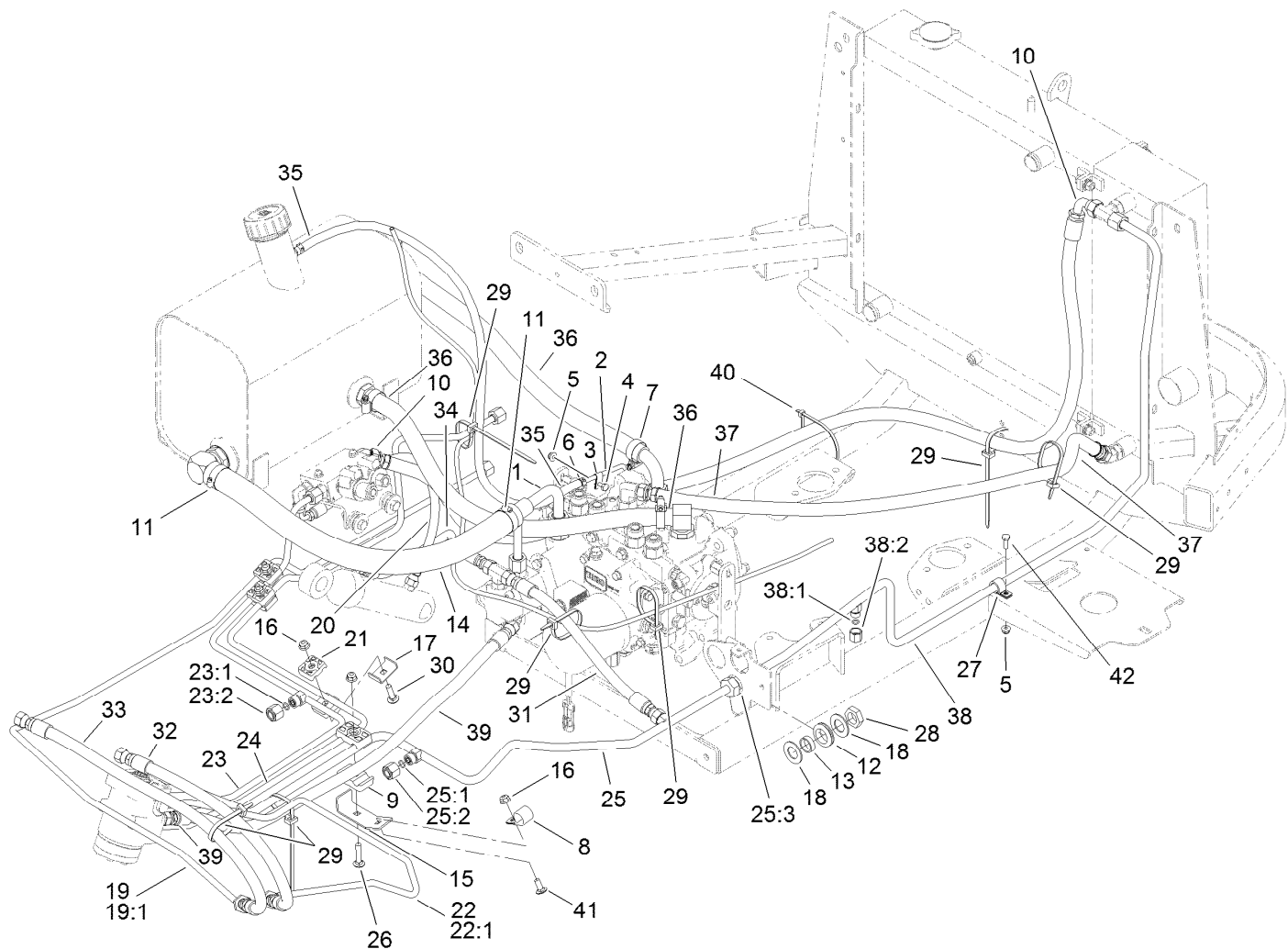
Ref.	Part Number	Qty.	Description
1		1	Block-Manifold ●
2		1	Plug ●
3	353-512	1	Plug
3:1	237-78	1	O-Ring
4	107-7517	1	Valve-Solenoid
4:1	105-9156	1	Seal Kit
4:2	107-7812	1	Nut-Solenoid
5	110-8898	1	Valve-Solenoid
5:1	107-7527	1	Seal Kit
5:2	110-2634	1	Nut-Coil
5:3	110-8909	1	Spacer-Coil
6	119-8036	1	E Coil-12 Vdc

● Not serviced separately



Hydraulic Tube and Hose Assembly

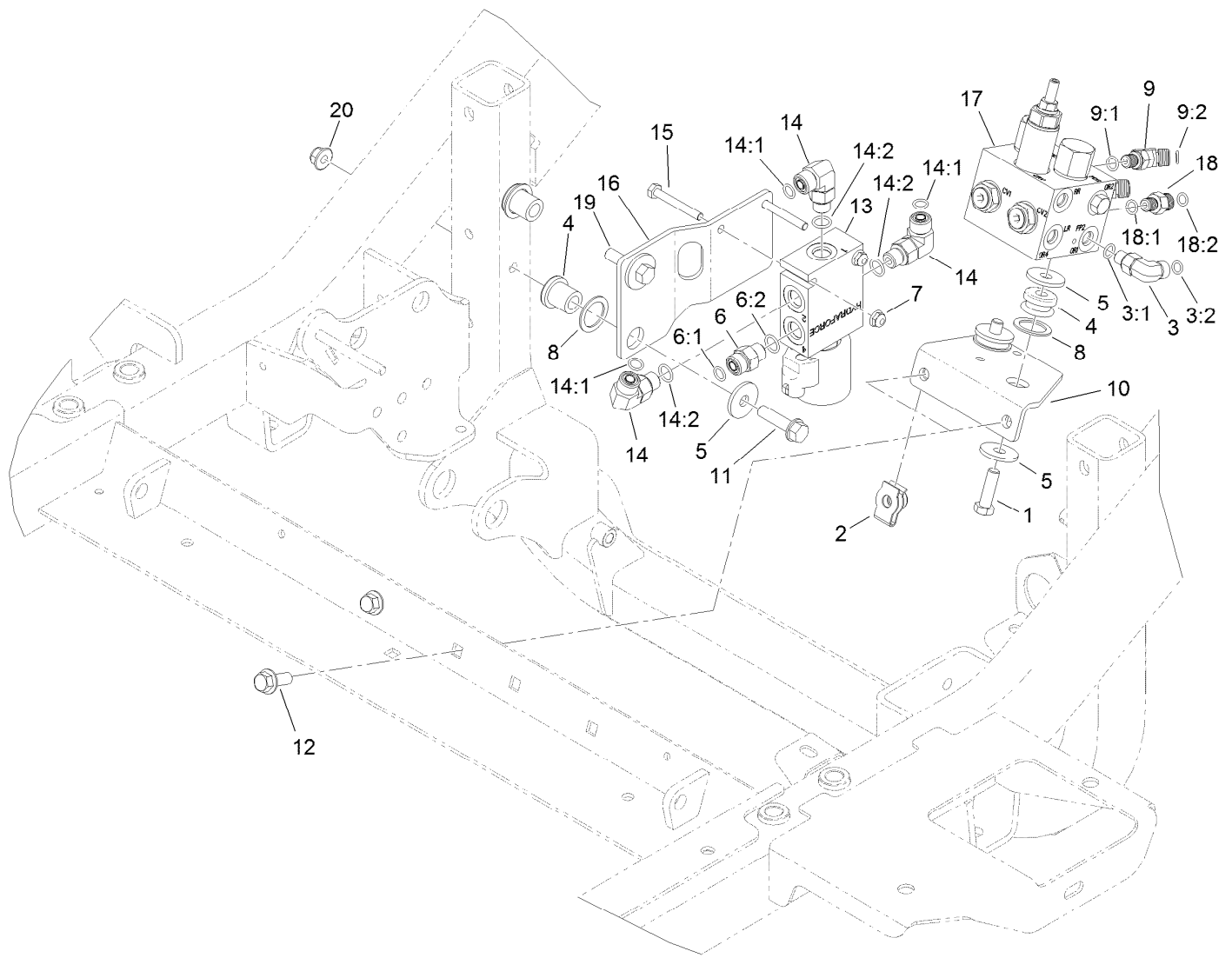
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	115-0184	1	Suction Tube ASM	20	112-9185	1	Hose ASM
2	110-5537	1	Tube	21	56-7973	6	Clamp-Tube
3	2412-72	1	Clip-Closed, Insulated	22	117-3110	1	Front Steering Tube ASM
4	321-4	1	Screw-HH	22:1	237-22	1	O-Ring
5	104-7201	2	Nut-HF	23	117-3111	1	Steering Lift Tube ASM
6	2412-98	2	Clamp-Hose	23:1	237-22	1	O-Ring
7	2412-129	4	Clamp-Hose	23:2	340-117	1	Cap
8	2412-4	1	Clamp	24	117-3112	1	Tube-Steering, Manifold
9	56-7972	2	Clamp-Tube	25	117-3113	1	Steering Drain Tube ASM
10	117-3129	1	Hose ASM	25:1	237-22	2	O-Ring
11	2412-34	2	Clamp-Hose	25:2	340-117	1	Cap
12	240-5	1	Grommet	25:3	237-30	1	O-Ring
13	69-8960	1	Spacer	26	3230-4	1	Screw-CARR
14	117-3200	1	Hose-Suction	27	2412-87	1	Clamp-Cable
15	120-0245	1	Bracket-Support	28	340-127	1	Nut-Bulkhead
16	104-8300	5	Nut-Flange, NI	29	3290-378	2	Tie-Cable
17	119-1418	3	Plate-Clamp	30	3230-3	3	Screw-CARR
18	69-8930	2	Washer	31	117-3122	1	Hose ASM
19	117-3117	1	Front Cylinder Steer	32	119-1433	1	Hose ASM
19:1	237-22	1	Manifold Tube ASM	33	100-5629	1	Hose ASM
			O-Ring	34	117-3123	1	Hose-HYD



Hydraulic Tube and Hose Assembly (continued)

Ref.	Part Number	Qty.	Description
35	109-0275	1	Hose-Fuel
36	117-3121	2	Hose ASM
37	117-3128	1	Hose ASM
38	117-3114	1	Tube-Drain, Cooler
38:1	237-21	1	O-Ring

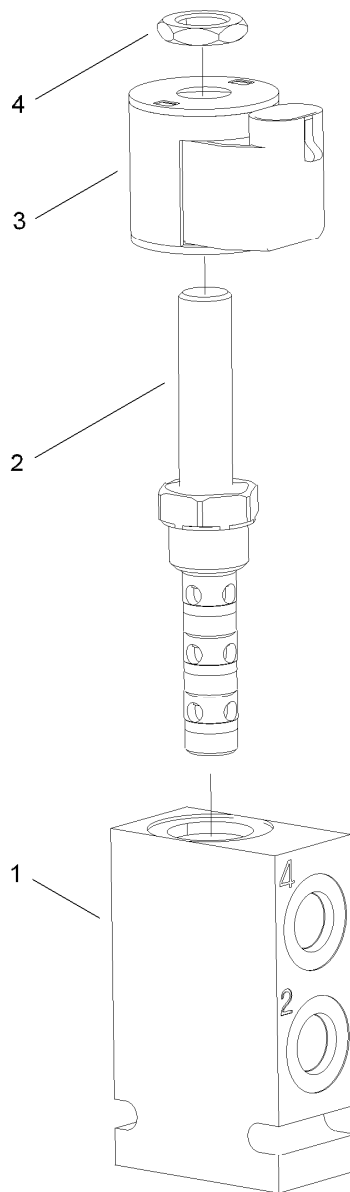
Ref.	Part Number	Qty.	Description
38:2	117-3297	1	Fitting-Cap
39	119-8114	1	HYD Hose ASM
40	3334-945	5	Tie-Cable
41	3230-23	1	Screw-CARR
42	321-5	1	Screw-HH



Hydraulic Valve Assembly

Ref.	Part Number	Qty.	Description
1	323-7	2	Screw-HH
2	105-4886	2	Nut-Tinnerman
3	340-132	1	Fitting-HYD, 90 DEG
3:1	237-78	1	O-Ring
3:2	237-21	1	O-Ring
4	63-9750	4	Mount
5	63-8410	6	Washer
6	340-2	1	Fitting-HYD, Straight
6:1	237-22	1	O-Ring
6:2	237-42	1	O-Ring
7	104-7201	2	Nut-HF
8	1-303352	4	Washer-Spindle
9	340-103	2	Fitting-HYD, 45 DEG
9:1	237-78	1	O-Ring
9:2	237-21	1	O-Ring
10	119-1409-03	1	Mount-Plate

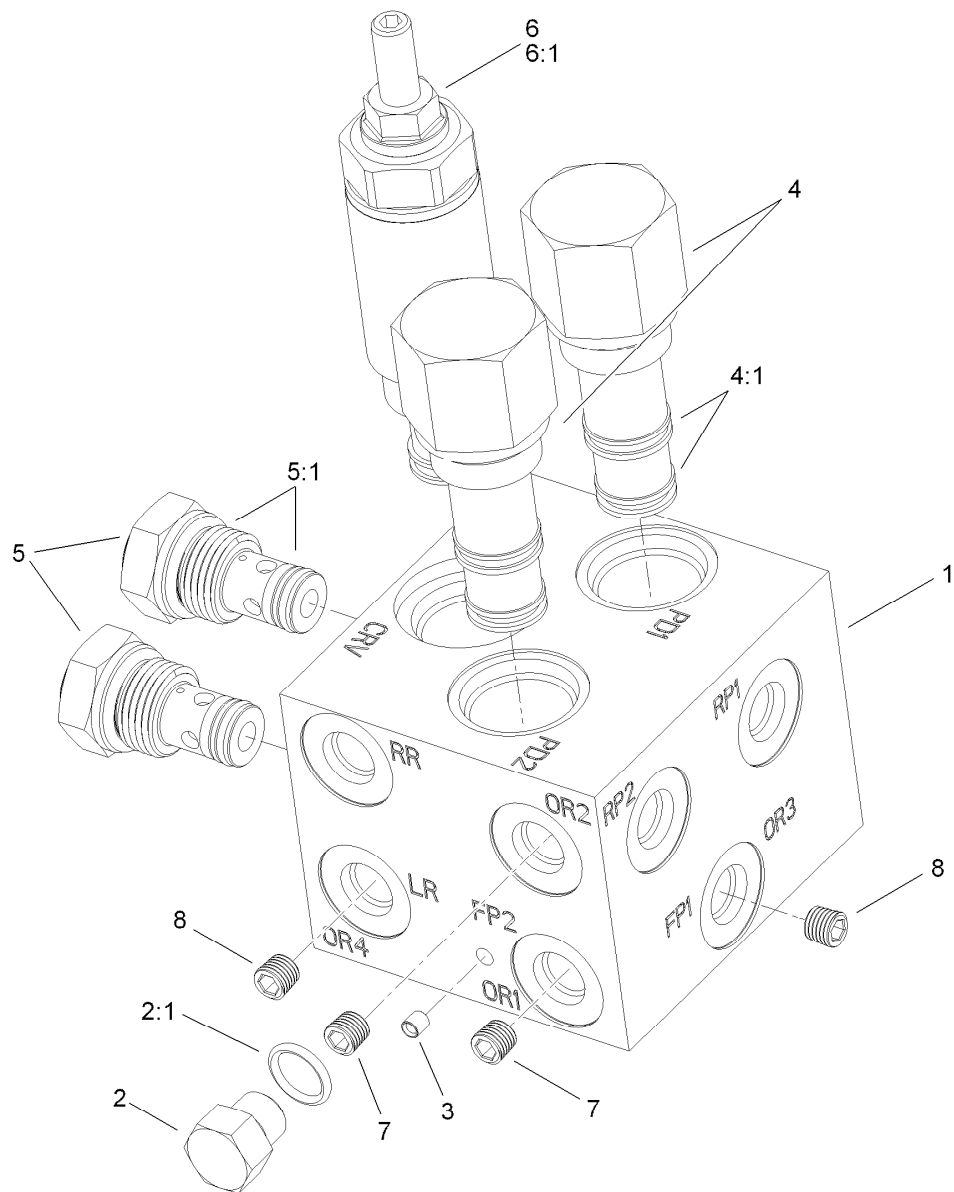
Ref.	Part Number	Qty.	Description
11	323-20	1	Screw-HH
12	3234-42	2	Screw-HHF
13	115-0280	1	Steer Selector Valve ASM
14	340-77	3	Fitting-HYD, 90 DEG
14:1	237-22	1	O-Ring
14:2	237-42	1	O-Ring
15	321-11	2	Screw-HH
16	115-0384-03	1	Plate-Valve Mount
17	117-2247	1	Cross-Trax Traction Valve ASM
18	340-92	1	Fitting-HYD, Straight
18:1	237-78	1	O-Ring
18:2	237-21	1	O-Ring
19	323-8	1	Screw-HH
20	104-8301	2	Nut-Flange, NI



Steering Selector Valve Assembly No. 115-0280

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Block-Manifold ●
2	119-8042	1	Valve-Solenoid
3	110-6344	1	Coil-12V, Dc
4	110-2634	1	Nut-Coil

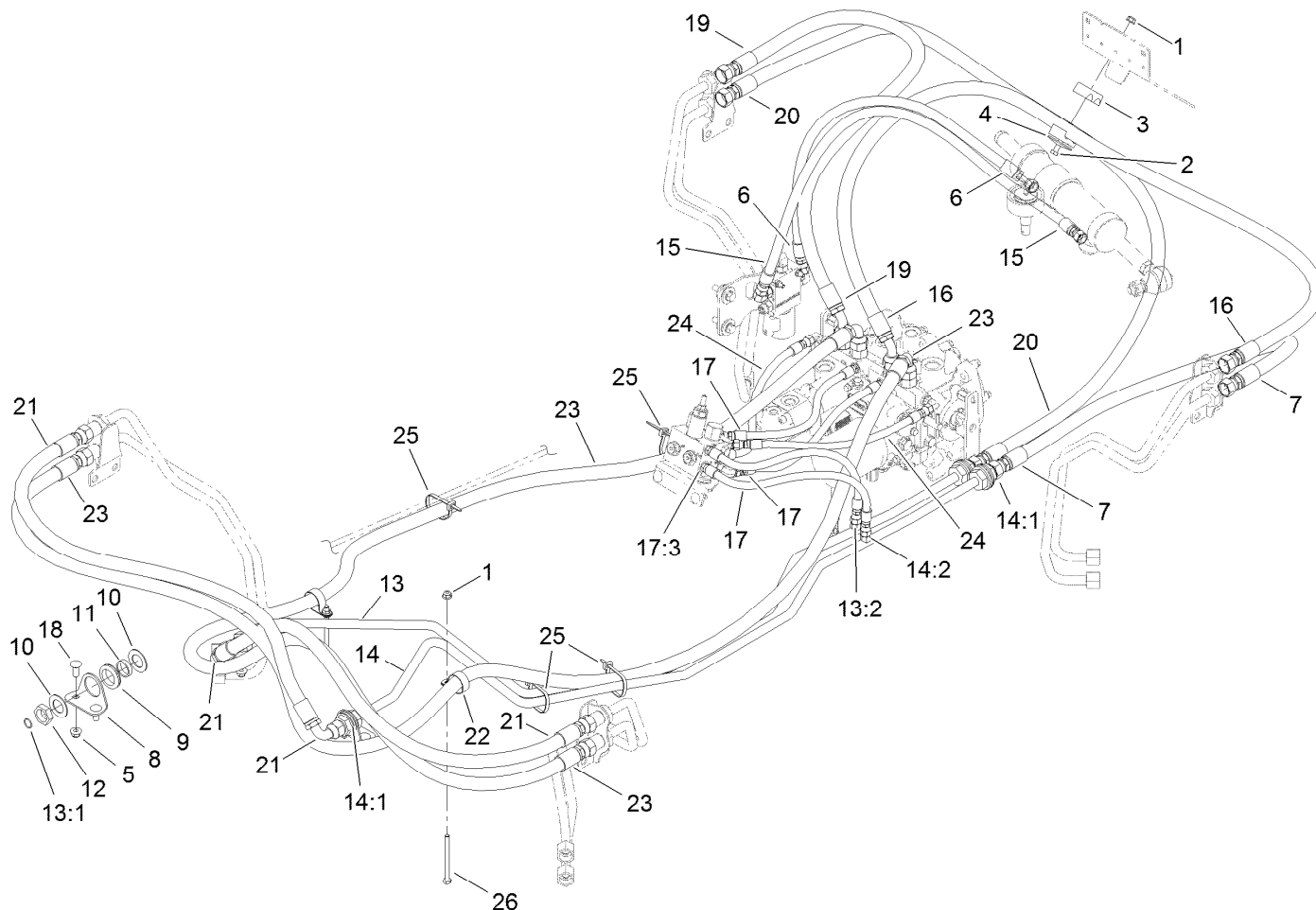
● Not serviced separately



Cross-Trax Traction Valve Assembly No. 117-2247

Ref.	Part Number	Qty.	Description
1		1	Block-Manifold ●
2	117-0115	1	Plug-HYD
2:1	237-78	1	O-Ring
3		1	Plug-4Mm ●
4	119-8028	2	Valve-Pilot, Directional
4:1	119-8029	1	Pilot Valve Seal Kit
5	119-8030	2	Valve-Check
5:1	119-8031	1	Seal Kit-Check Valve
6	119-8032	1	Valve-Relief
6:1	119-8033	1	Relief Valve Seal Kit
7	119-8034	2	Orifice-.090
8	119-8035	2	Orifice-.040

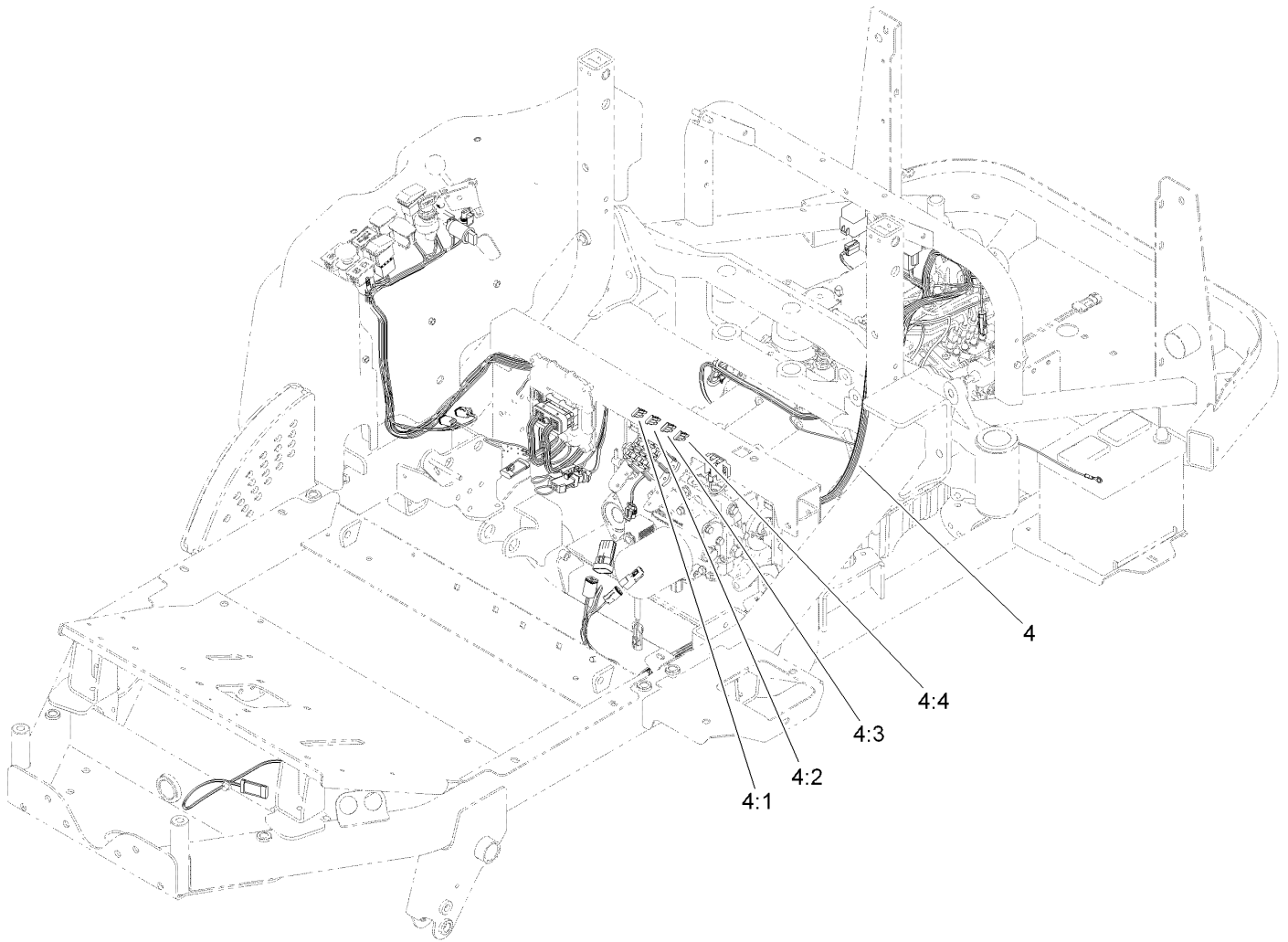
● Not serviced separately



4 Wheel Drive Hydraulic Hose Assembly

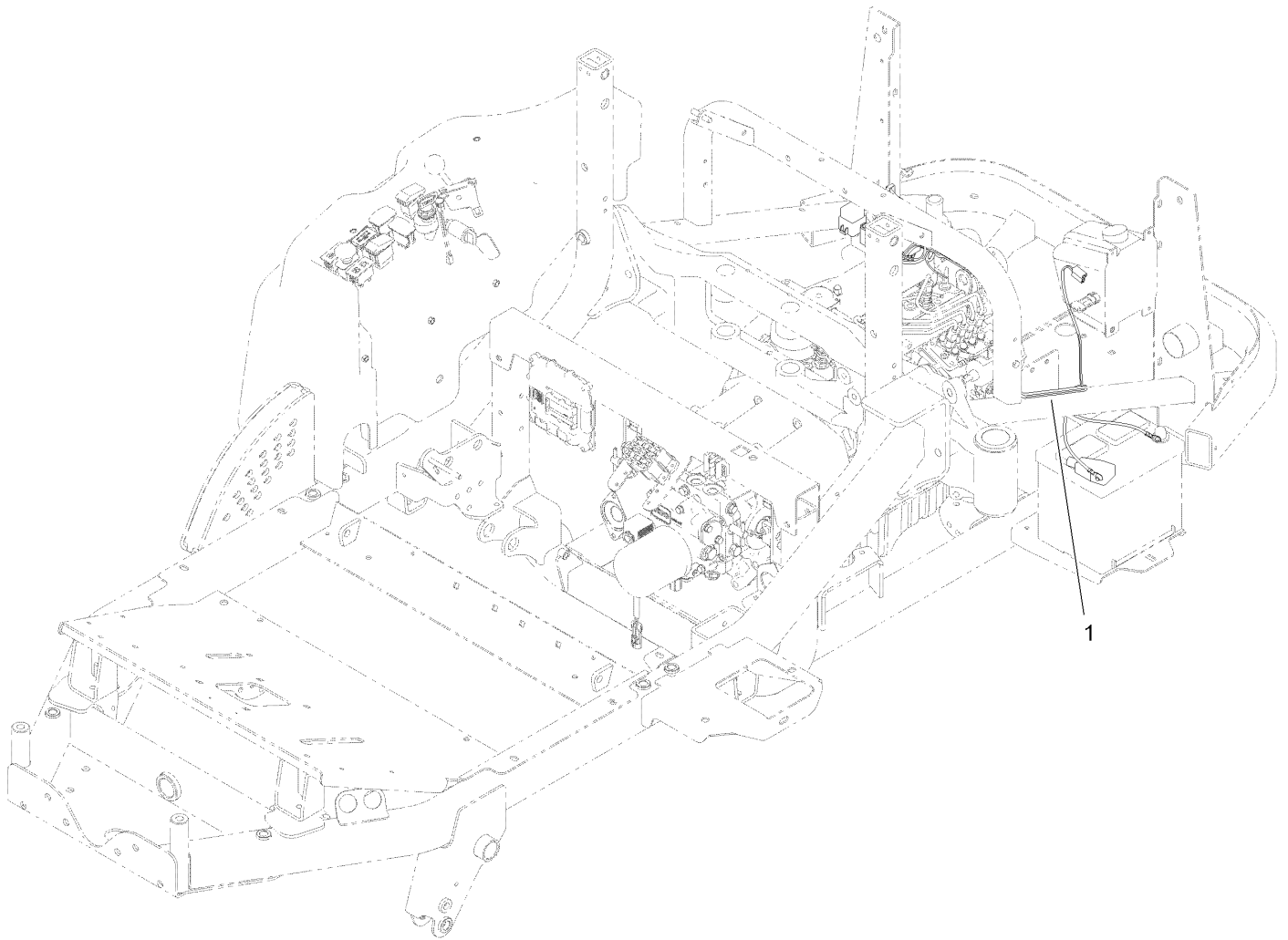
Ref.	Part Number	Qty.	Description
1	104-8300	3	Nut-Flange, NI
2	322-11	1	Screw-HH
3	56-7974	2	Clamp-Tube
4	69-9761	1	Plate-Cover
5	104-8301	4	Nut-Flange, NI
6	119-1431	1	Hose ASM
7	119-1435	1	Hose ASM
8	115-0479	2	Bracket-Bulkhead
9	240-3	4	Grommet-Rubber
10	69-9010	8	Washer
11	69-9000	4	Spacer
12	340-74	4	Nut-Lock, Bulkhead
13	117-3115	1	Tube ASM-Front Trax, RH
13:1	237-65	2	O-Ring
13:2	237-20	1	O-Ring
14	117-3116	1	Tube ASM-Front Trax, LH

Ref.	Part Number	Qty.	Description
14:1	237-65	2	O-Ring
14:2	237-21	1	O-Ring
15	119-1432	1	Hose ASM
16	117-3249	1	Hose ASM
17	115-0377	4	Hose ASM
17:3	237-78	1	O-Ring
18	3231-22	4	Screw-CARR
19	117-3130	1	Hose ASM
20	117-3248	1	Hose ASM
21	117-3124	2	Hose ASM
22	2412-74	2	R-Clamp
23	117-3126	2	Hose ASM
24	117-3127	2	Hose ASM
25	3334-945	4	Tie-Cable
26	322-19	2	Screw-HH



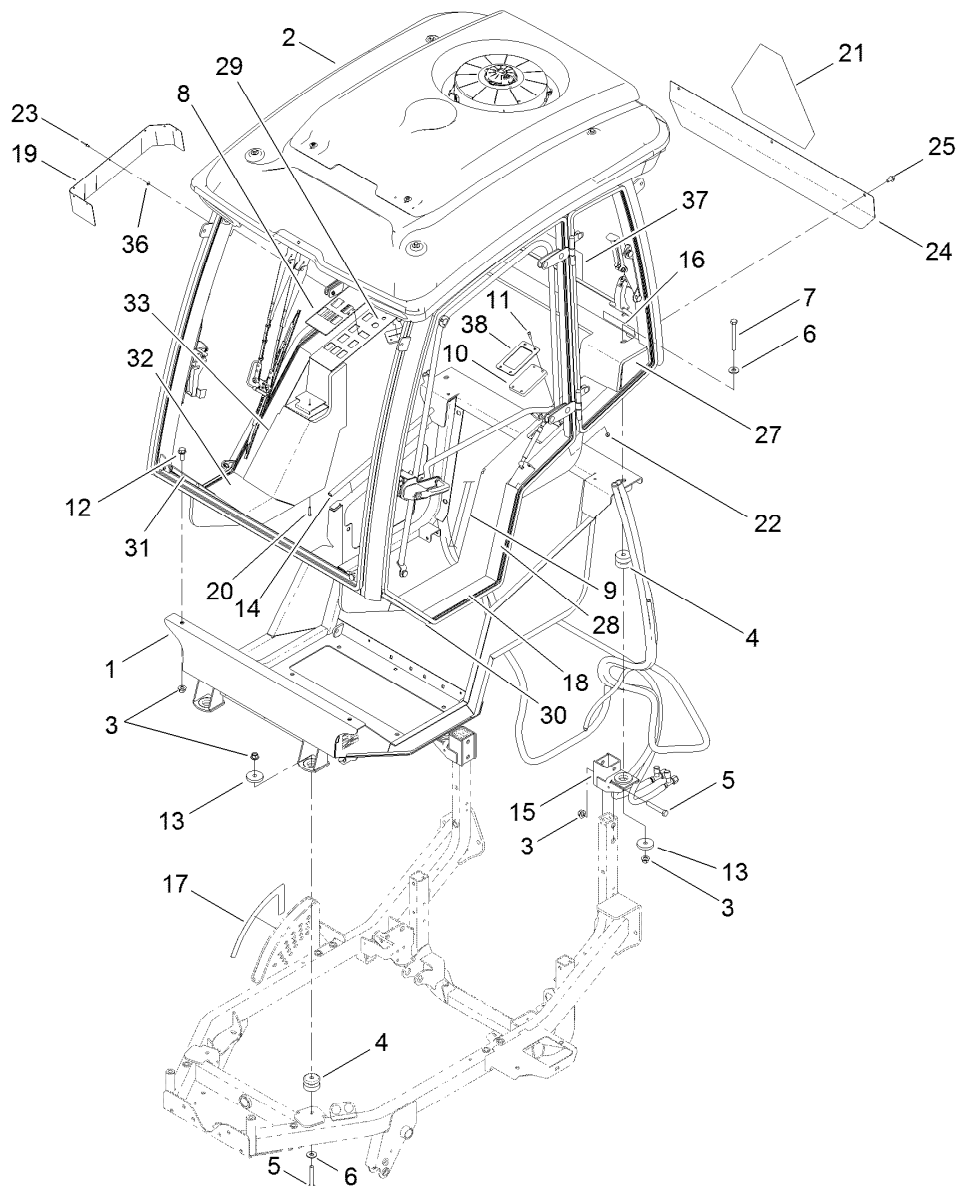
Electrical Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	121-6553	1	Harness-Wire, 4Wd
4:1	94-6710	1	Fuse-2 Amp
4:2	114241	3	Fuse-Blade, 7.5 Amp
4:3	218-578	4	Fuse-Blade, 10 Amp
4:4	109355	1	Fuse-Blade, 15 Amp



Cab Wire Harness Assembly

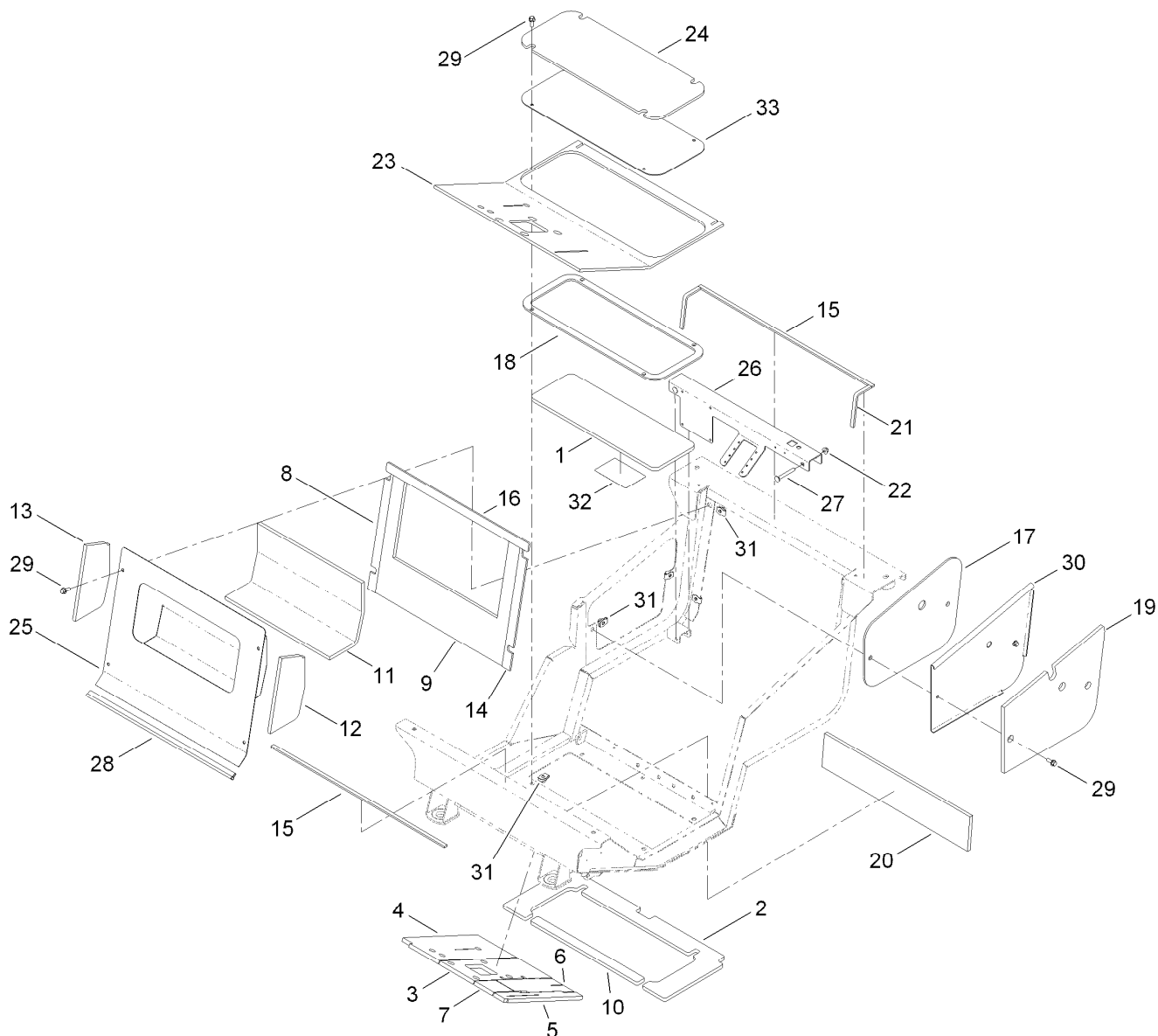
Ref.	Part Number	Qty.	Description
1	119-5767	1	Harness-Wire, Cab



Cab Platform Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	119-1399-03	1	Platform-Cab	19	119-9886	1	Shield-Console
2		1	Cab ASM ●	20	321-13	1	Screw-HH
3	99-5107	10	Nut-Lock	21	120-0250	1	Decal-Warning, Smv
4	110-5954	4	Mount-Center, Bonded	22	107069	5	Clip
5	112-7264	6	Screw-HH	23	3269-23	7	Rivet-Pop
6	3256-6	4	Washer-Flat	24	119-9898-03	1	Cover-Hose, Cab
7	702093	2	Screw-HH	25	110-9380	3	Screw-HWH
8	119-9899	1	Decal-Control Panel, Cab	27	119-8088	1	Foam-Interior
9	120-6661	1	Seal-Bulb	28	119-8077	1	Foam-Interior
10	119-9878	1	Window-Gauge, Fuel	29	119-8087	1	Foam
11	3274-65	4	Screw-HSBH	30	119-8081	1	Foam-Interior
12	3234-38	2	Screw-HHF	31	119-8082	1	Foam-Interior
13	115-5519	4	Washer-Plain	32	119-8083	1	Foam-Interior
14	117-3197	1	Seal-Bulb	33	119-8084	1	Foam-Interior
15	117-3060-03	2	Cab Mount ASM	36	3269-26	7	Washer-Plain
16	119-0124	1	Decal-Warning	37	120-0259	1	Decal-Service Instructions
17	115-0493	1	Decal-HOC, Cab	38	120-0317-03	1	Plate-Cover
18	119-8085	1	Mat-Floor, Step				

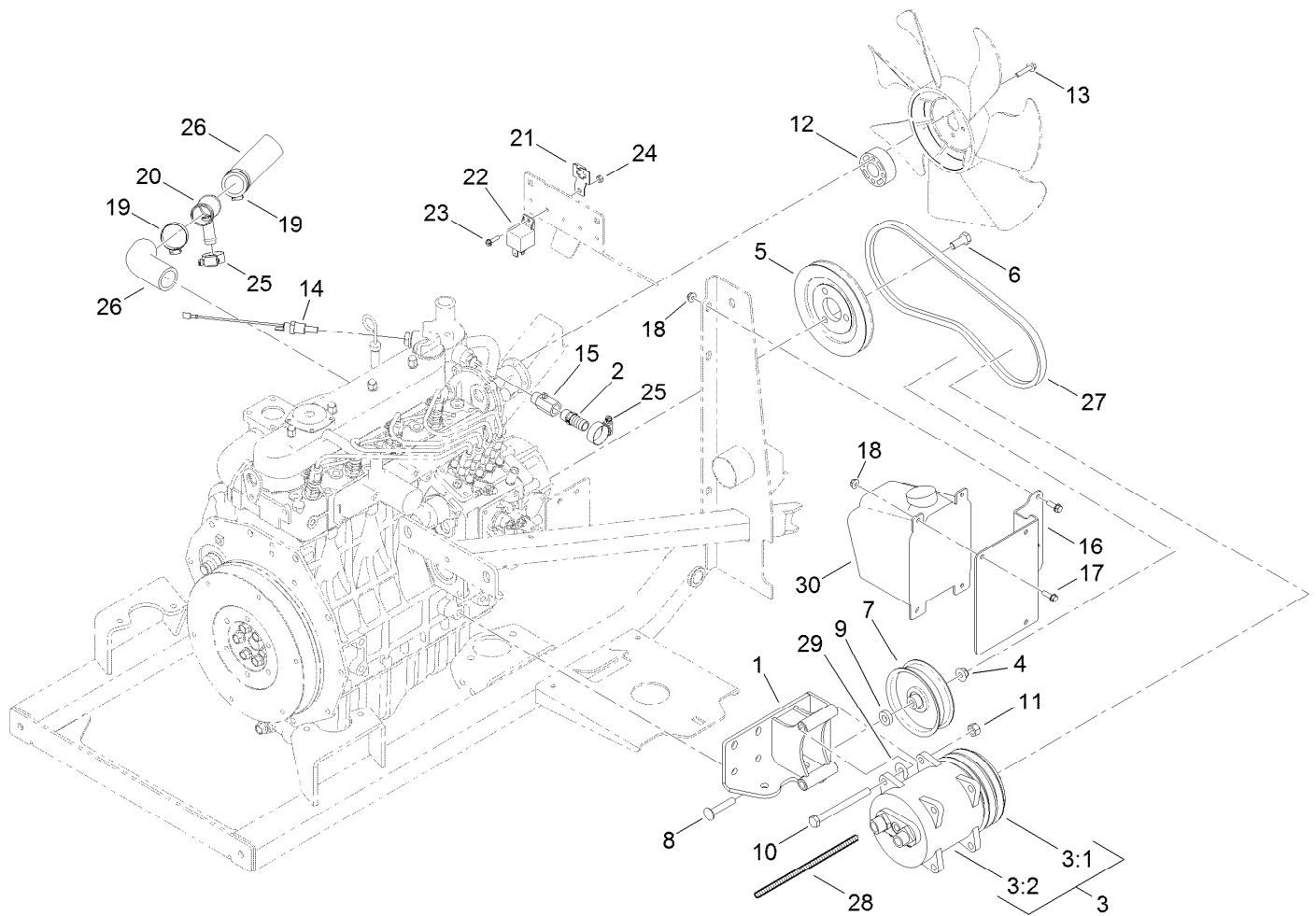
● Not serviced separately



Foam Installation Assembly

Ref.	Part Number	Qty.	Description
1	119-8052	1	Foam
2	119-8053	1	Foam
3	119-8054	1	Foam
4	119-8055	1	Foam
5	119-8056	1	Foam
6	119-8057	1	Foam
7	119-8058	1	Foam
8	119-8064	1	Foam
9	119-8065	1	Foam
10	119-8066	1	Foam
11	119-8067	1	Foam
12	119-8068	1	Foam
13	119-8069	1	Foam
14	119-8063	1	Foam
15	119-9897	2	Strip-Foam
16	119-8062	1	Foam
17	119-8050	1	Foam

Ref.	Part Number	Qty.	Description
18	119-8051	1	Foam
19	119-8086	1	Foam-Interior
20	119-8076	1	Foam-Interior
21	119-9896	2	Strip-Foam
22	104-8301	2	Nut-Flange, NI
23	119-8078	1	Mat-Floor
24	119-8079	1	Mat-Panel, Floor
25	117-3392-03	1	Firewall ASM
26	117-3323-03	1	Channel-Seat
27	3231-10	2	Screw-CARR
28	117-3398	1	Seal-Bulb
29	110-5052	10	Screw-HHF
30	117-3397-03	1	Panel-Access, Cab
31	105-4886	10	Nut-Tinnerman
32	112-1461	1	Decal-Routing, Belt
33	117-3322-03	1	Cover-Floor

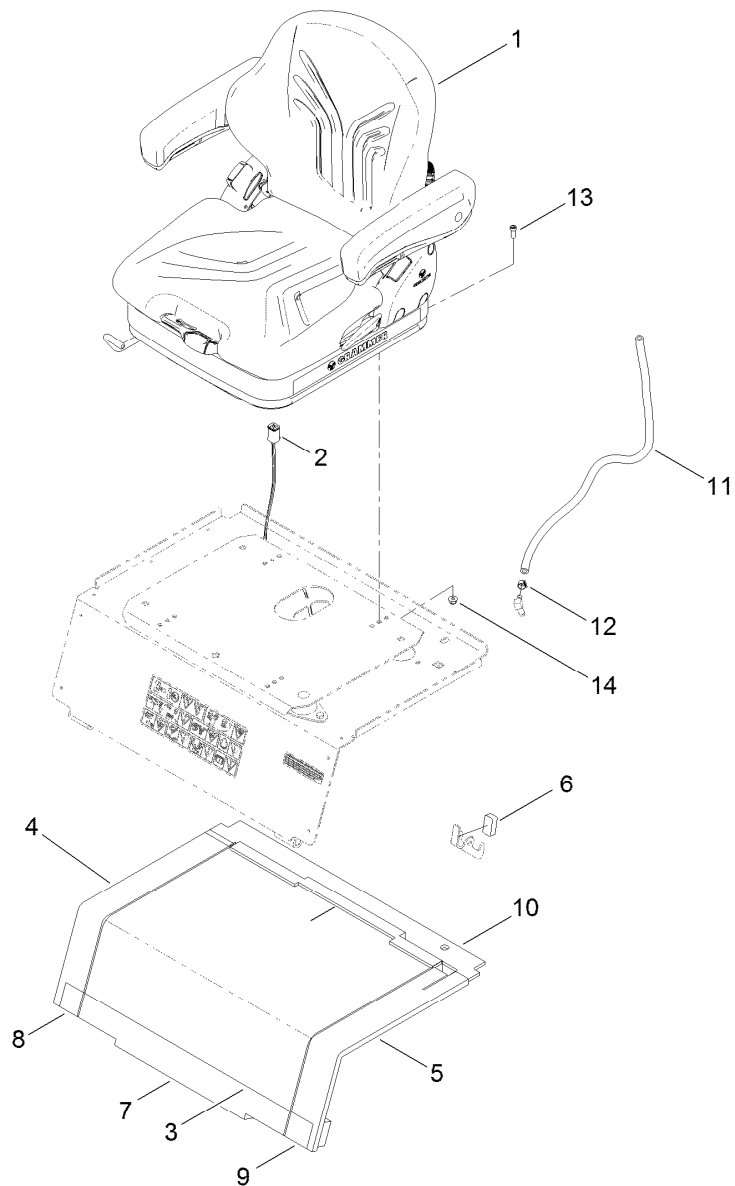


Air Conditioning Assembly

Ref.	Part Number	Qty.	Description
1	115-0107-03	1	Bracket-Mount, Ac
2	117-9410	1	Fitting-Straight
3	117-3048	1	Compressor ASM
3:1	120-0251	1	Clutch-Compressor
3:2		1	Compressor ●
4	104-8301	1	Nut-Flange, NI
5	115-0103	1	Pulley
6	43-0090	3	Screw-HH
7	98-3095	1	Pulley-Idler
8	117-9971	1	Bolt-Carriage
9	5-0652	1	Spacer
10	33115-110	2	Screw-HH
11	33025-00	2	Nut-Lock, NI
12	109-2675	1	Spacer-Fan, 21Mm
13	33103-030	4	Screw-HHF
14	112-6347	1	Switch-Temp, Dual

Ref.	Part Number	Qty.	Description
15	117-3291	1	Valve-Ball, Modified
16	117-2230-03	1	Plate-Mounting
17	32105-15	4	Screw-HWH
18	104-7201	4	Nut-HF
19	2412-34	2	Clamp-Hose
20	119-0142	1	Fitting-Radiator
21	114-5502	1	Clip-Fuse
22	99-7435	1	Relay-Power
23	32105-13	1	Screw-HWH
24	3296-2	1	Nut-Lock, NI
25	2412-129	2	Clamp-Hose
26	120-0252	2	Hose-Radiator, Lower
27	117-3399	1	Belt-V
28	115-8882	1	Conduit-Convolutd
29	119-7734	4	Shim (.004)
30	115-8848	1	Tank-Fluid, Washer

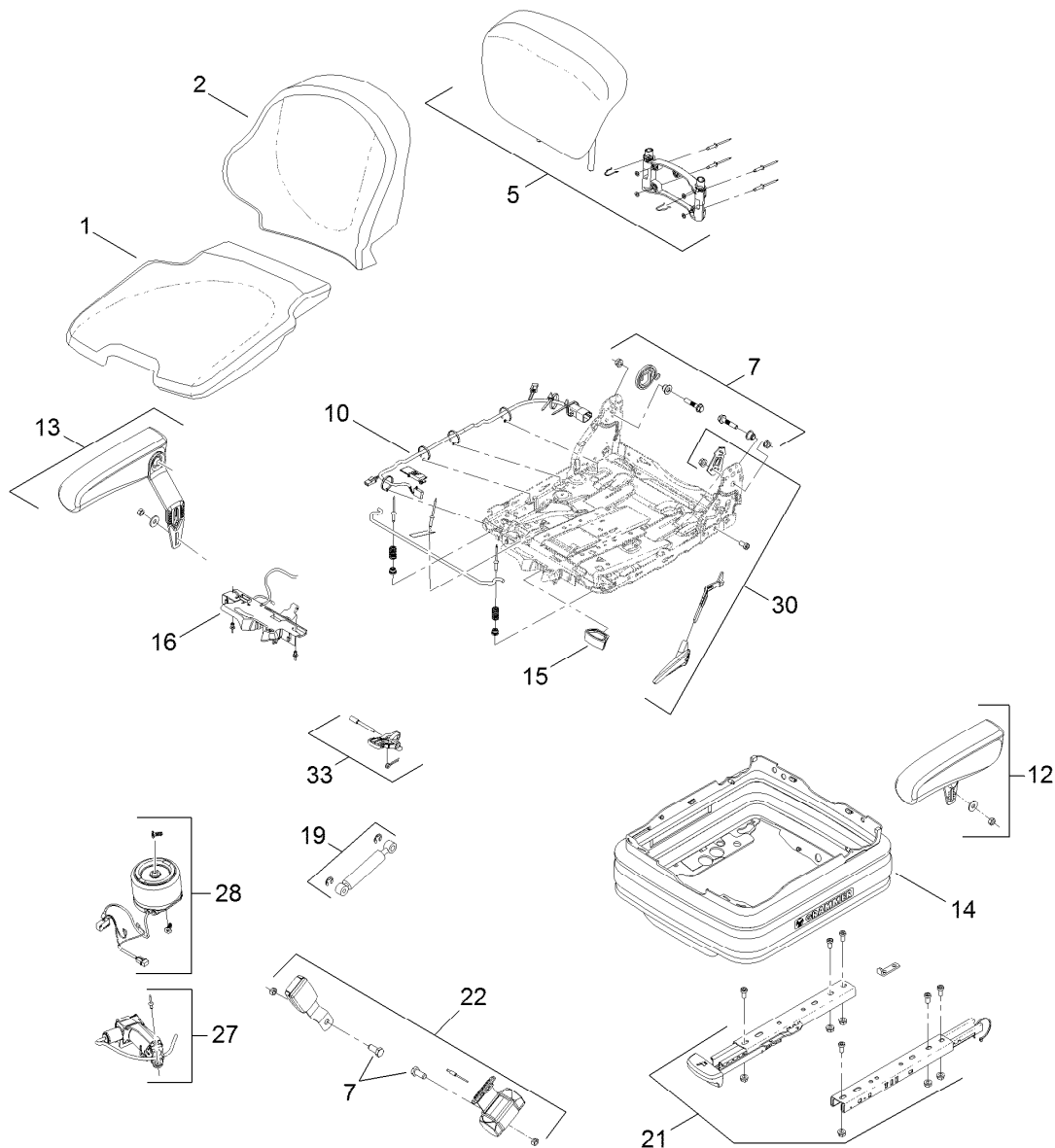
● Not serviced separately



Seat Assembly

Ref.	Part Number	Qty.	Description
1	117-3096	1	Vinyl Air Ride Seat ASM ●
2	119-5787	1	Harness-Wire, Seat
3	119-8059	1	Foam
4	119-8073	1	Foam
5	119-8074	1	Foam
6	119-8060	1	Foam
7	119-8070	1	Foam
8	119-8071	1	Foam
9	119-8072	1	Foam
10	119-8075	1	Foam
11	110-3257	1	Hose-Fuel
12	92-2379	1	Clamp-Hose
13	3274-10	4	Screw-HSH
14	104-8300	4	Nut-Flange, NI

● Optional Equipment

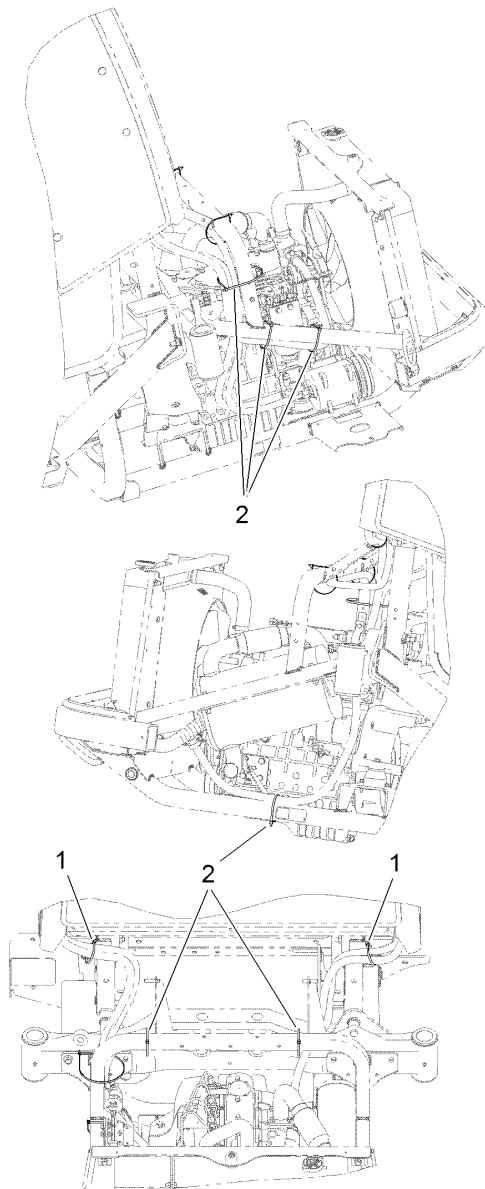


Cloth Air Ride Seat Assembly

Ref.	Part Number	Qty.	Description
1	120-0565	1	Cloth Seat Cushion Kit
2	120-0566	1	Cloth Back Cushion Kit
5	120-0567	1	Backrest Cloth Extension Kit ●
7	120-0568	1	Backrest Kit
10	120-0569	1	Switch Kit
12	119-7105	1	Premium Armrest Kit
13	120-0571	1	RH Armrest Kit
14	120-0572	1	Bellows

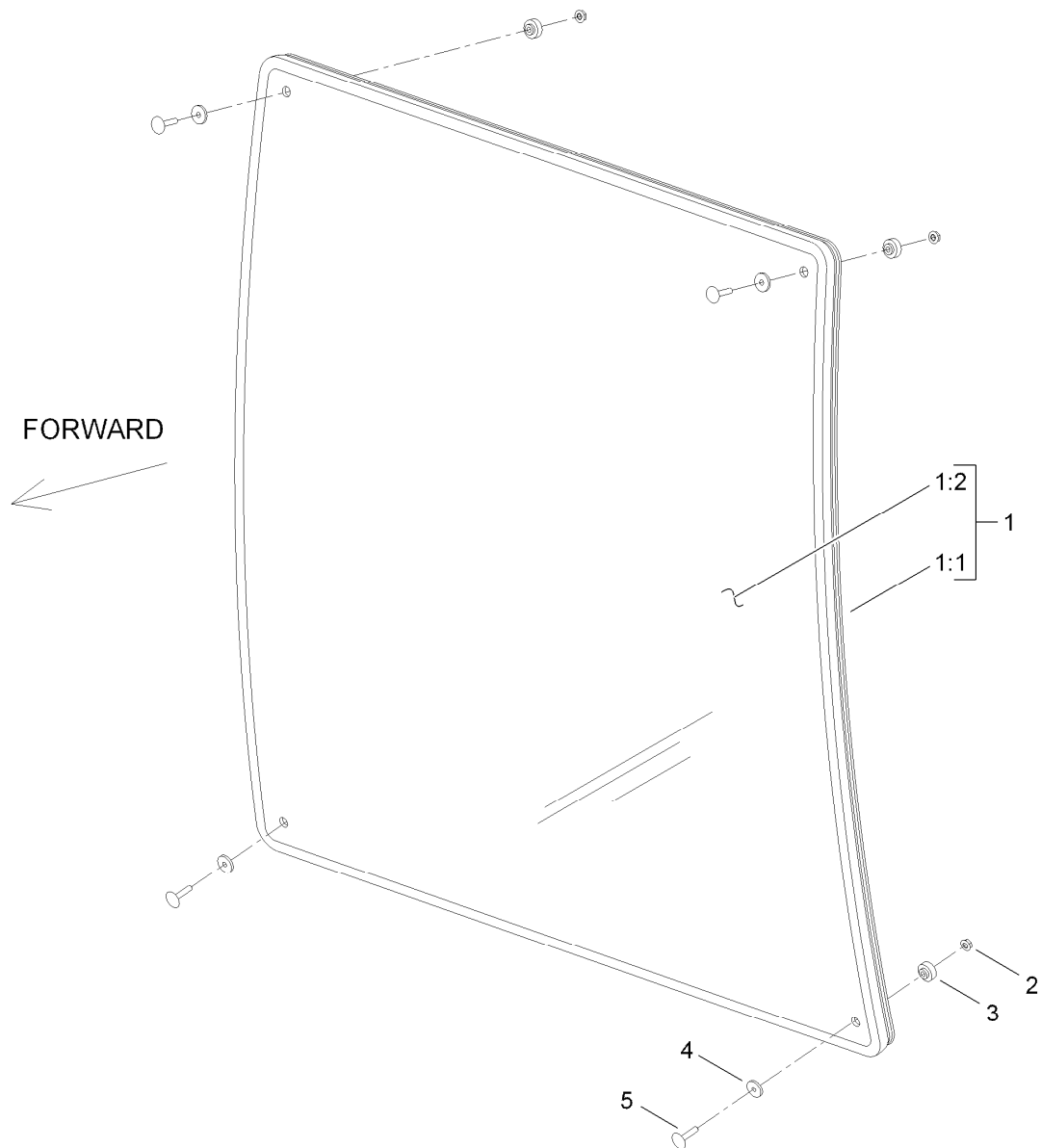
Ref.	Part Number	Qty.	Description
15	120-0573	1	Handle
16	120-0574	1	Housing
19	120-0575	1	Shock Absorber Kit
21	120-0584	1	Rails Adjustment Kit
22	120-0576	1	Seatbelt Kit
27	120-0577	1	Compressor
28	120-0578	1	Air Spring Kit
30	120-0579	1	Backrest Adjustment Kit
33	120-0580	1	Lever Kit

● Optional Equipment



Harness Clip Assembly

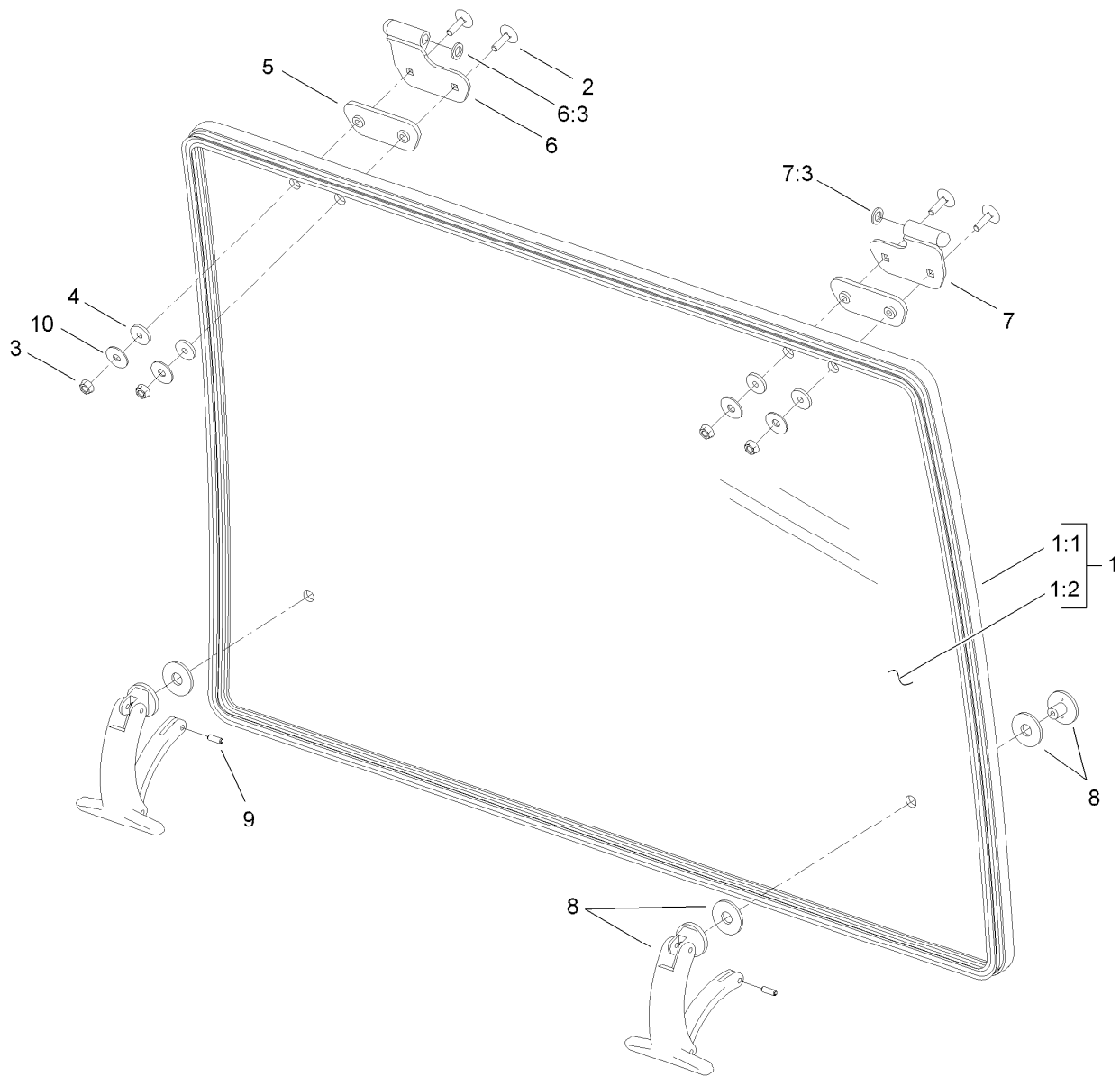
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	32180-030	2	Clip-Tie
2	3290-379	7	Tie-Cable



Cab Windshield Assembly

Ref.	Part Number	Qty.	Description
1	120-0300	1	Windshield Glass Kit
1:1	120-0306	1	Bulb-Seal, Double
1:2		1	Glass-Windshield ●
2	115-5572	4	Nut-Flange
3	115-5574	4	Bushing-Thick
4	115-5570	4	Bushing-Thin
5	115-5571	4	Bolt-Step

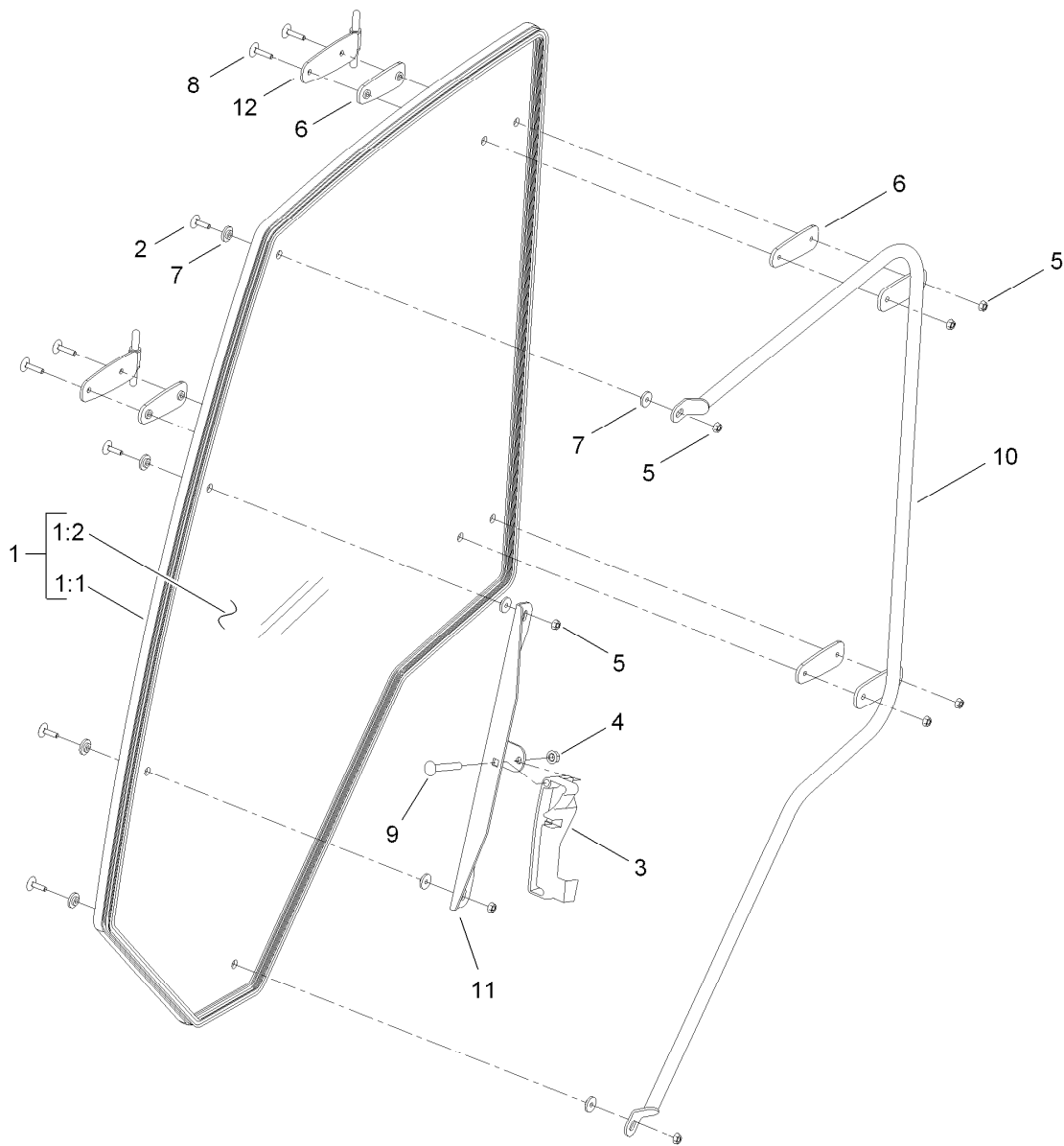
● Not serviced separately



Cab Rear Window Assembly

Ref.	Part Number	Qty.	Description
1	120-0301	1	Rear Window Glass Kit
1:1	120-0307	1	Bulb-Seal, Double
1:2		1	Glass-Window, Rear ●
2	115-7685	4	Bolt-Step
3	115-5572	4	Nut-Flange
4	115-5570	4	Bushing-Thin
5	115-7687	2	Mount-Glass, Bushing (Hinge)
6	115-7688	1	LH Hinge ASM
6:3	115-7696	1	Washer-Hinge, Brass
7	115-7689	1	RH Hinge ASM
7:3	115-7696	1	Washer-Hinge, Brass
8	115-5597	2	Handle-Latch
9	115-5599	2	Pin-Split
10	115-5581	4	Washer-Flat

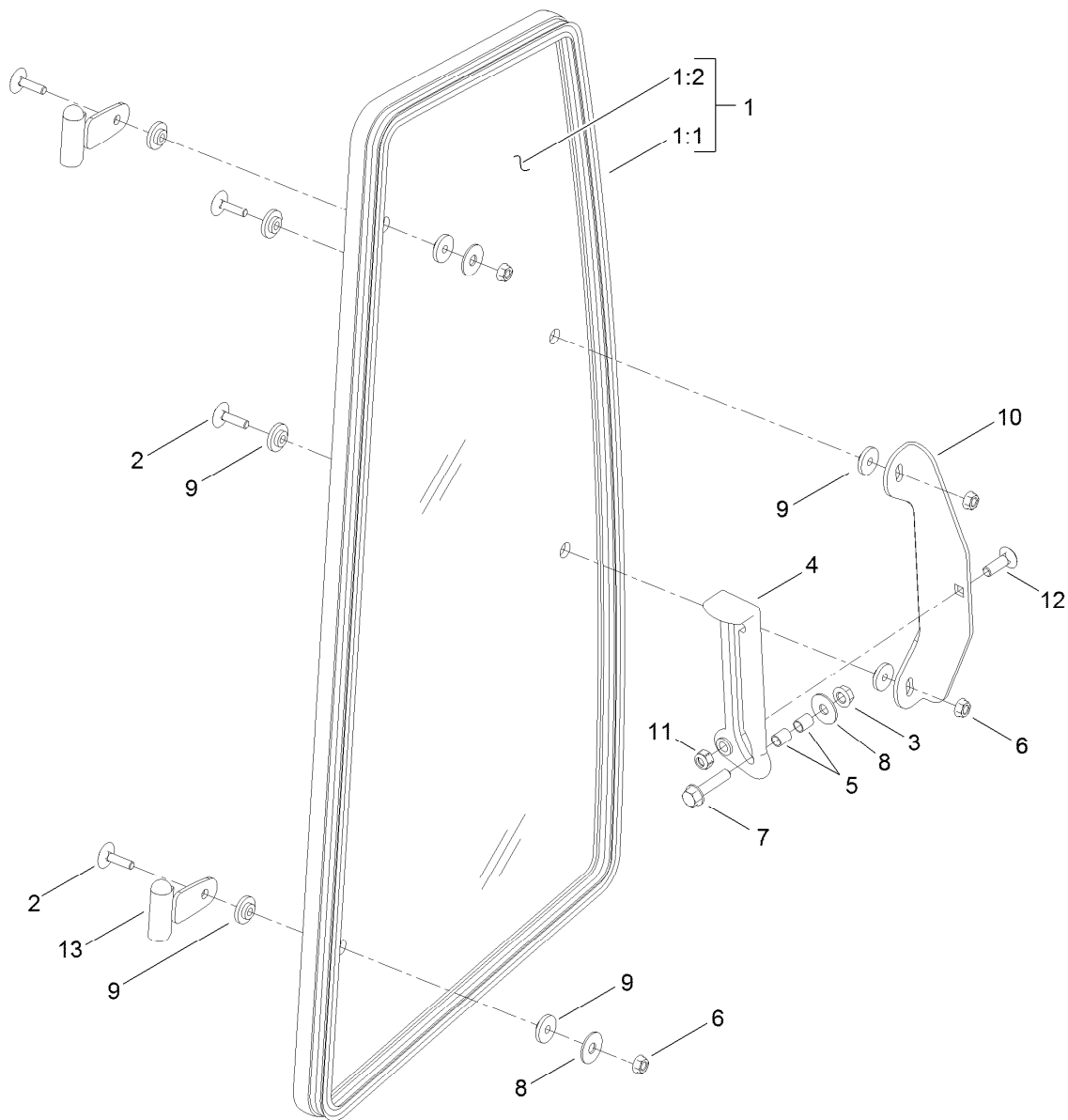
● Not serviced separately



Cab Right Door Assembly

Ref.	Part Number	Qty.	Description
1	120-0303	1	RH Door Glass Kit
1:1	120-0309	1	Seal-Bulb, Double
1:2		1	Glass-Door, RH ●
2	115-7685	4	Bolt-Step
3	120-0366	1	Latch-Escape Window, RH
4	104-8301	1	Nut-Flange, NI
5	115-5572	8	Nut-Flange
6	115-7950	4	Bushing-Boxer, Door Hinge
7	115-5570	8	Bushing-Thin
8	115-5571	4	Bolt-Step
9	3231-31	1	Screw-CARR
10	120-0368	1	Support-Door, RH
11	120-0369	1	Mount-Latch, Escape
12	120-0370	2	Hinge-Door

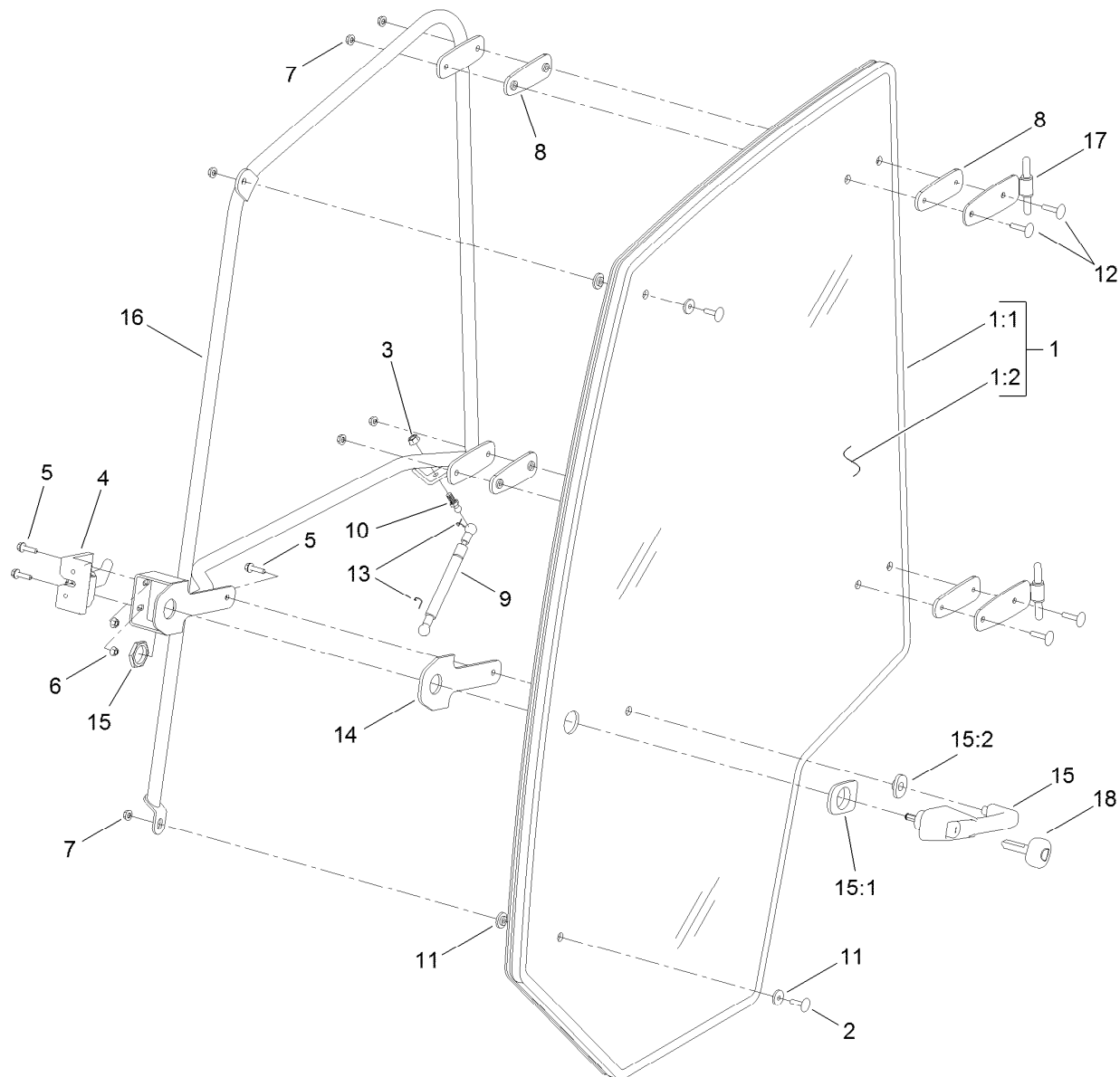
● Not serviced separately



Cab Right Window Assembly

Ref.	Part Number	Qty.	Description
1	120-0305	1	RH Window Glass Kit
1:1	120-0311	1	Seal-Bulb, Double
1:2		1	Glass-Window, RH ●
2	115-7685	4	Bolt-Step
3	32128-26	1	Nut-Flange
4	115-7694	1	Slider-Window, LH
5	115-7693	2	Sleeve-Slide, Window
6	115-5572	4	Nut-Flange
7	115-1794	1	Screw-HHF
8	115-5581	3	Washer-Flat
9	115-5570	8	Bushing-Thin
10	119-8384	1	Mount-Latch, Side
11	3296-29	1	Nut-Lock, NI
12	3230-2	1	Bolt-CARR
13	119-8385	2	Top Hinge ASM

● Not serviced separately

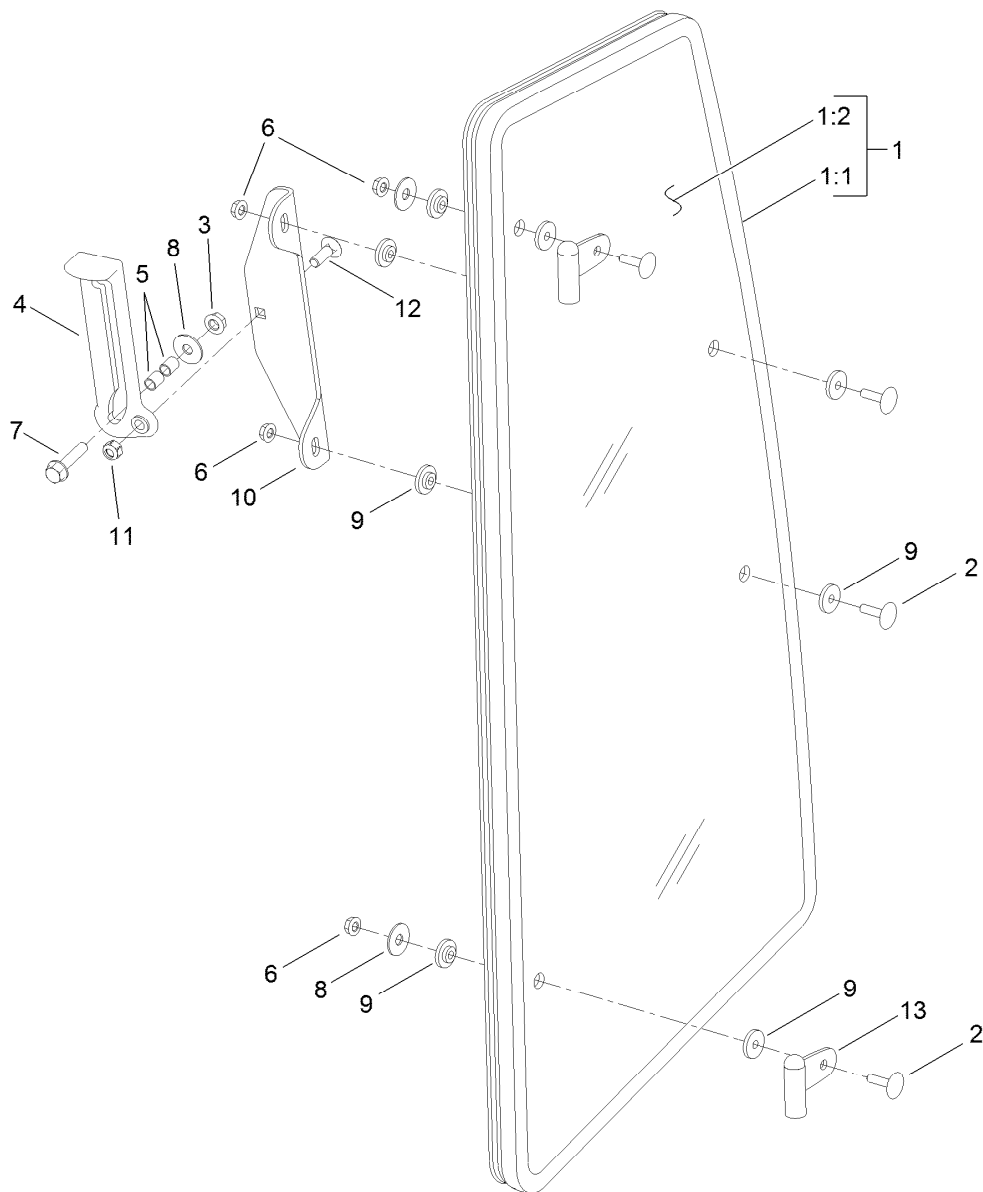


Cab Left Door Assembly

Ref.	Part Number	Qty.	Description
1	120-0302	1	LH Door Glass Kit
1:1	120-0308	1	Seal-Bulb, Double
1:2		1	Glass-Door, LH ●
2	115-7685	2	Bolt-Step
3	32128-26	1	Nut-Flange
4	115-5539	1	Latch-Rotary, LH
5	33103-025	3	Screw-HHF
6	81-0130	2	Nut-Flange, NI
7	115-5572	6	Nut-Flange
8	115-7950	4	Bushing-Boxer, Door Hinge
9	115-7997	1	Shock-Door, Gas
10	98-3104	1	Stud-Ball

Ref.	Part Number	Qty.	Description
11	115-5570	4	Bushing-Thin
12	115-5571	4	Bolt-Step
13	120-0374	2	Clip-Gas Shock
14	115-5546	1	Gasket-Handle
15	115-5544	1	Handle-Button, Push (With Keys)
15:1	119-4514	1	Gasket-Large
15:2	119-4515	1	Gasket-Small
16	120-0367	1	Support-Door, LH
17	120-0370	2	Hinge-Door
18	115-5545	1	Key-Cab

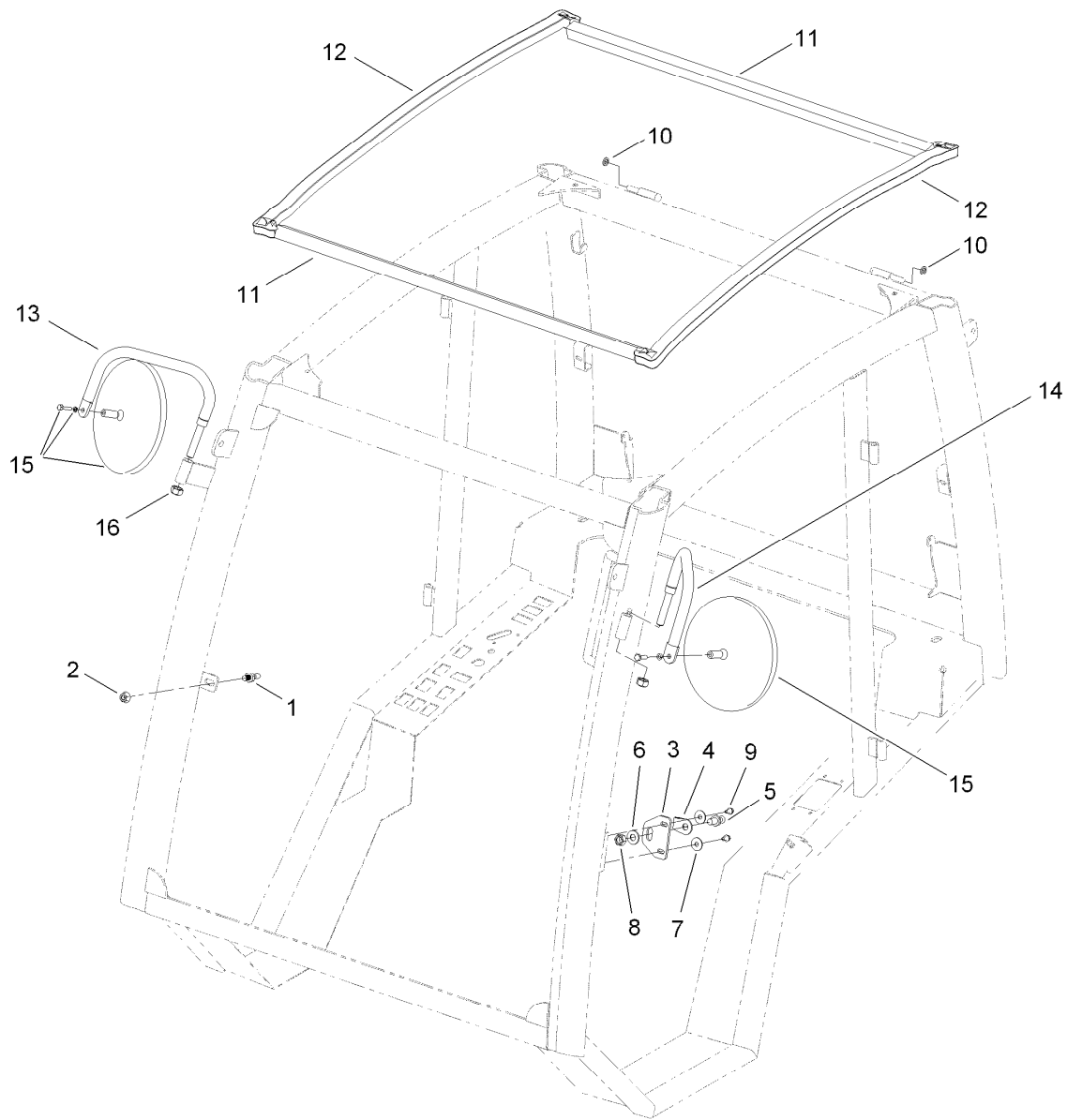
● Not serviced separately



Cab Left Window Assembly

Ref.	Part Number	Qty.	Description
1	120-0304	1	LH Window Glass Kit
1:1	120-0310	1	Seal-Bulb, Double
1:2		1	Glass-Window, LH ●
2	115-7685	4	Bolt-Step
3	32128-26	1	Nut-Flange
4	115-7695	1	Slider-Window, RH
5	115-7693	2	Sleeve-Slide, Window
6	115-5572	4	Nut-Flange
7	115-1794	1	Screw-HHF
8	115-5581	3	Washer-Flat
9	115-5570	8	Bushing-Thin
10	119-8384	1	Mount-Latch, Side
11	3296-29	1	Nut-Lock, NI
12	3230-2	1	Bolt-CARR
13	120-0373	2	Hinge-Top

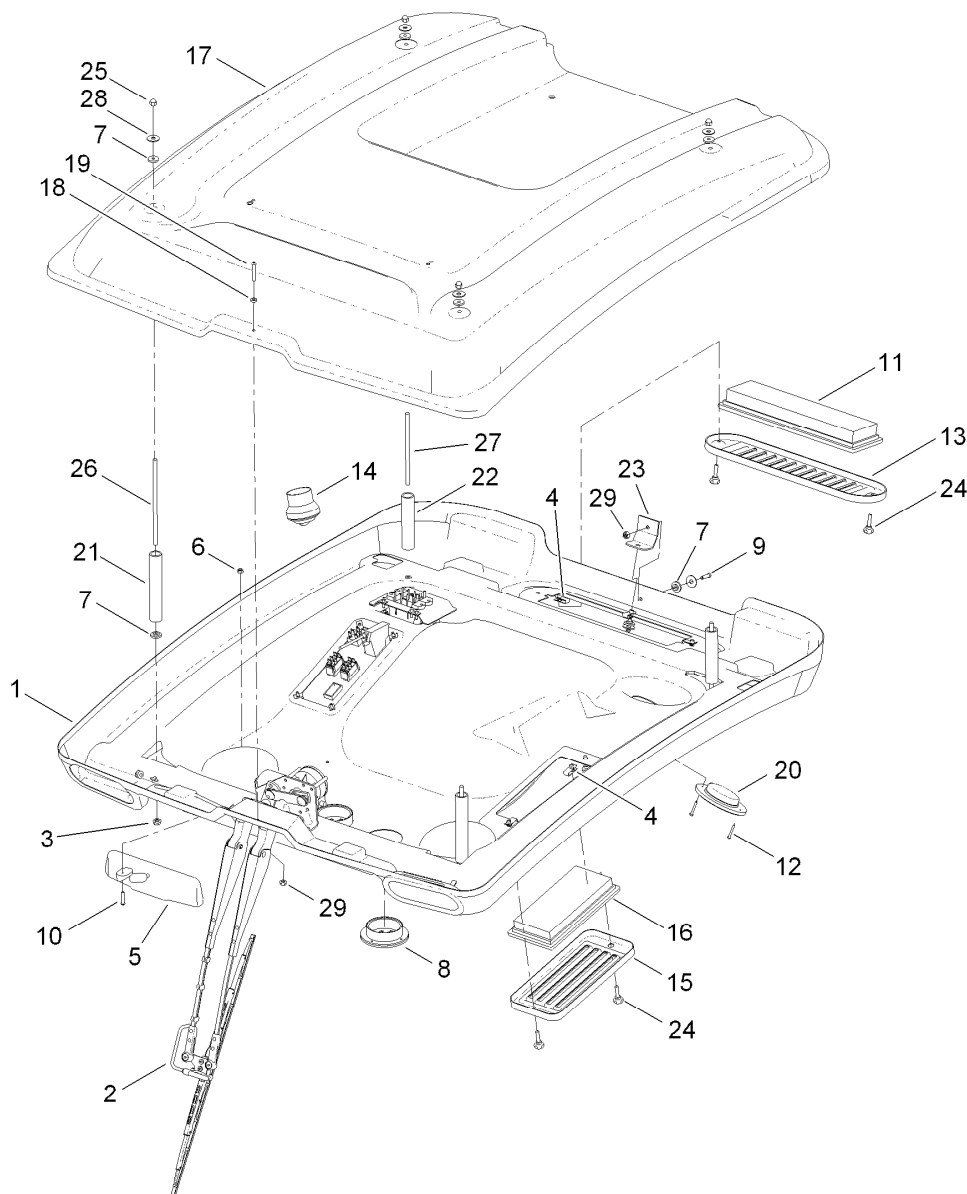
● Not serviced separately



Cab Frame Assembly

Ref.	Part Number	Qty.	Description
1	119-8363	1	Pin-Latch
2	33025-00	1	Nut-Lock, NI
3	117-2777	1	Plate-Striker
4	115-5577	1	Guard-Striker
5	115-5576	1	Striker
6	3256-26	1	Washer-Flat
7	115-5581	2	Washer-Flat
8	115-5579	1	Nut-HH

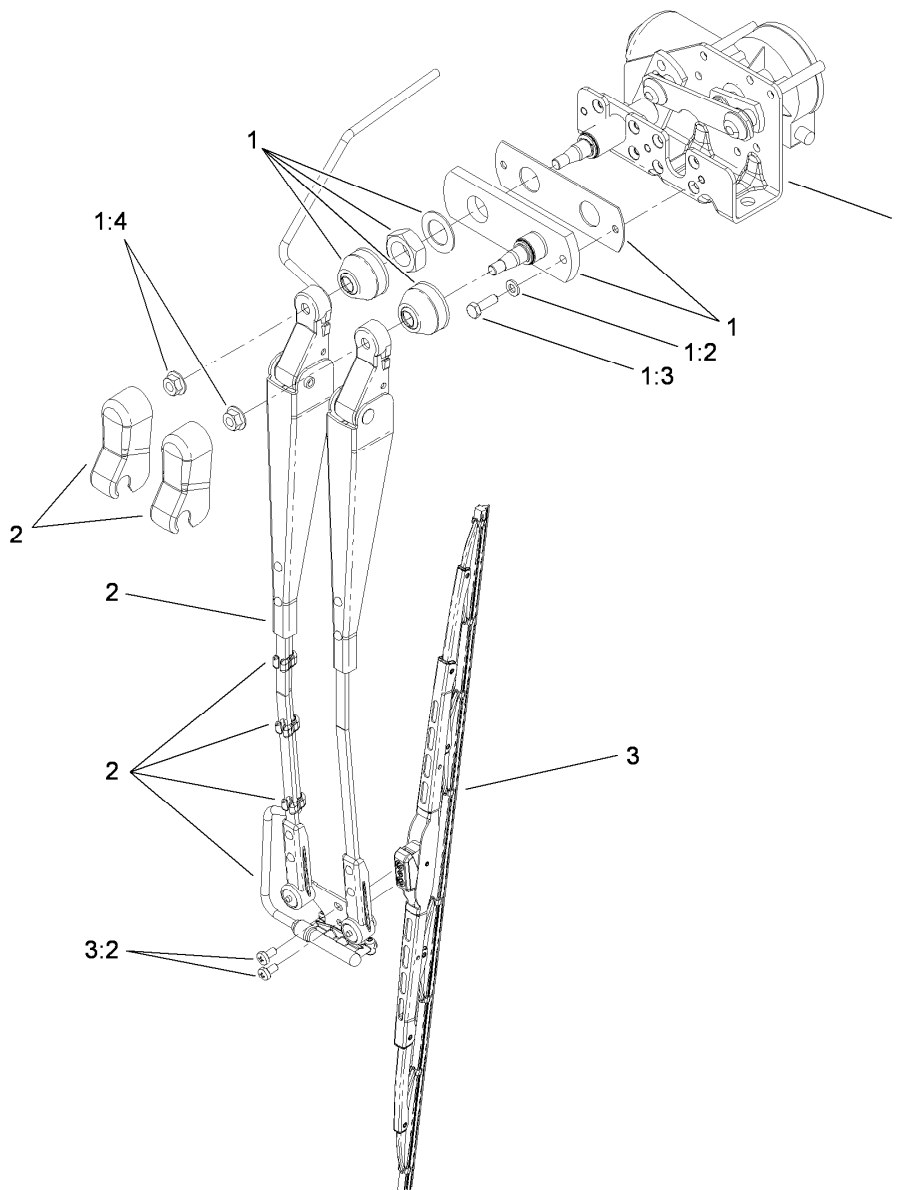
Ref.	Part Number	Qty.	Description
9	3234-13	2	Screw-HHF
10	115-7696	2	Washer-Hinge, Brass
11	119-5282	2	Seal
12	119-5283	2	Seal
13	115-5583	1	Arm-Mount, Mirror (RH)
14	115-5584	1	Arm-Mount, Mirror (LH)
15	115-5585	2	Mirror-Convex
16	115-5582	2	Nut-Flange, Crimplock



Cab Headliner Assembly

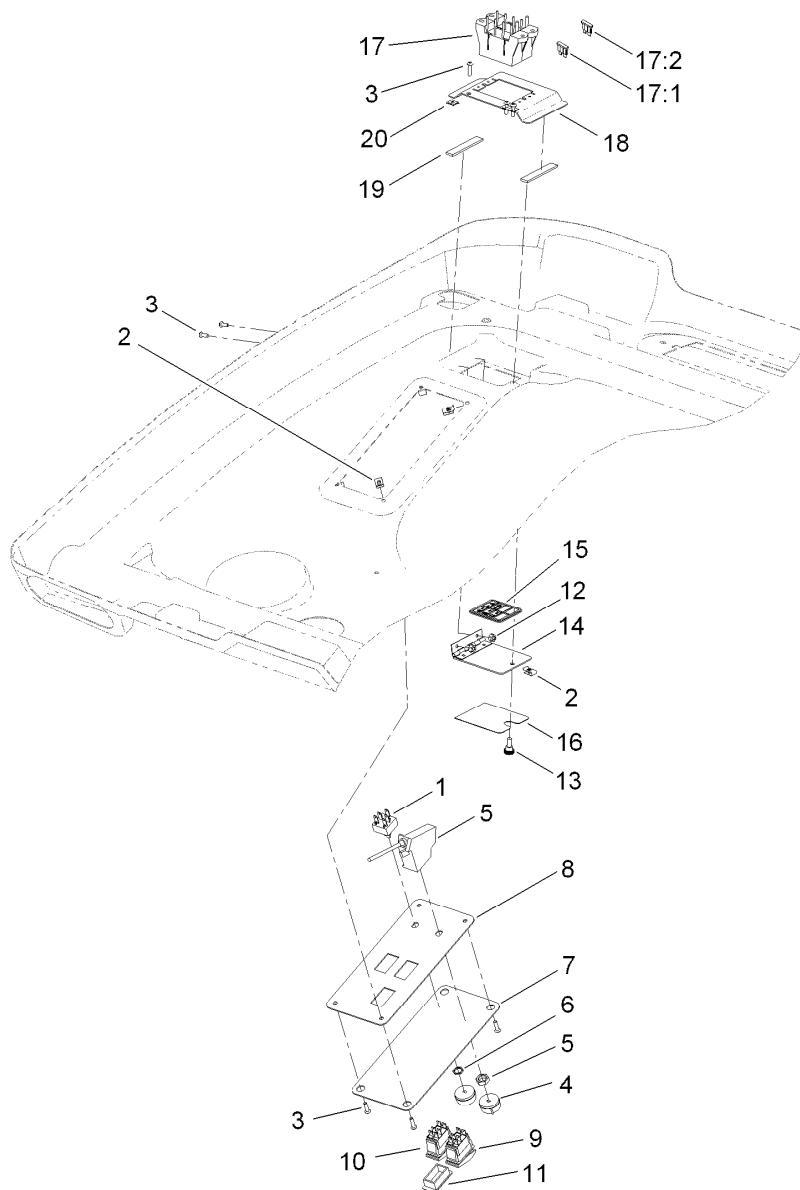
Ref.	Part Number	Qty.	Description
1	119-5287	1	Headliner
2	119-8350	1	Wiper ASM
3	32128-26	4	Nut-Flange
4	115-5586	5	Nut-Panel, Deep
5	115-5524	1	Mirror-Rear View
6	32128-17	1	Nut-Lock, Flange
7	115-5570	10	Bushing-Thin
8	115-5558	3	Louver
9	3274-65	2	Screw-HSBH
10	117-5022	1	Screw-Pan
11	121-3892	1	Filter-Air, Cab Exterior
12	115-5594	2	Screw-HSBH
13	115-5554	1	Cover-Filter, Rear
14	115-5559	1	Louver-Ball
15	115-5557	1	Cover-Filter, Front

Ref.	Part Number	Qty.	Description
16	121-3891	1	Filter-Air, Cab Interior
17	119-5288	1	Roof
18	115-5598	1	Washer-Rubber
19	117-5011	1	Screw
20	115-5515	1	Light-Dome, Led
21	115-5513	2	Spacer-Roof, Front
22	115-5514	2	Spacer-Roof, Rear
23	115-5526	1	Mount-Roof
24	115-5555	4	Screw-Thumb
25	73-5380	4	Nut-Hex
26	117-2764	2	Fastener-Mount, Front Roof
27	117-2763	2	Fastener-Mount, Rear Roof
28	115-5581	6	Washer-Flat
29	115-5572	2	Nut-Flange



Wiper Assembly No. 119-8350

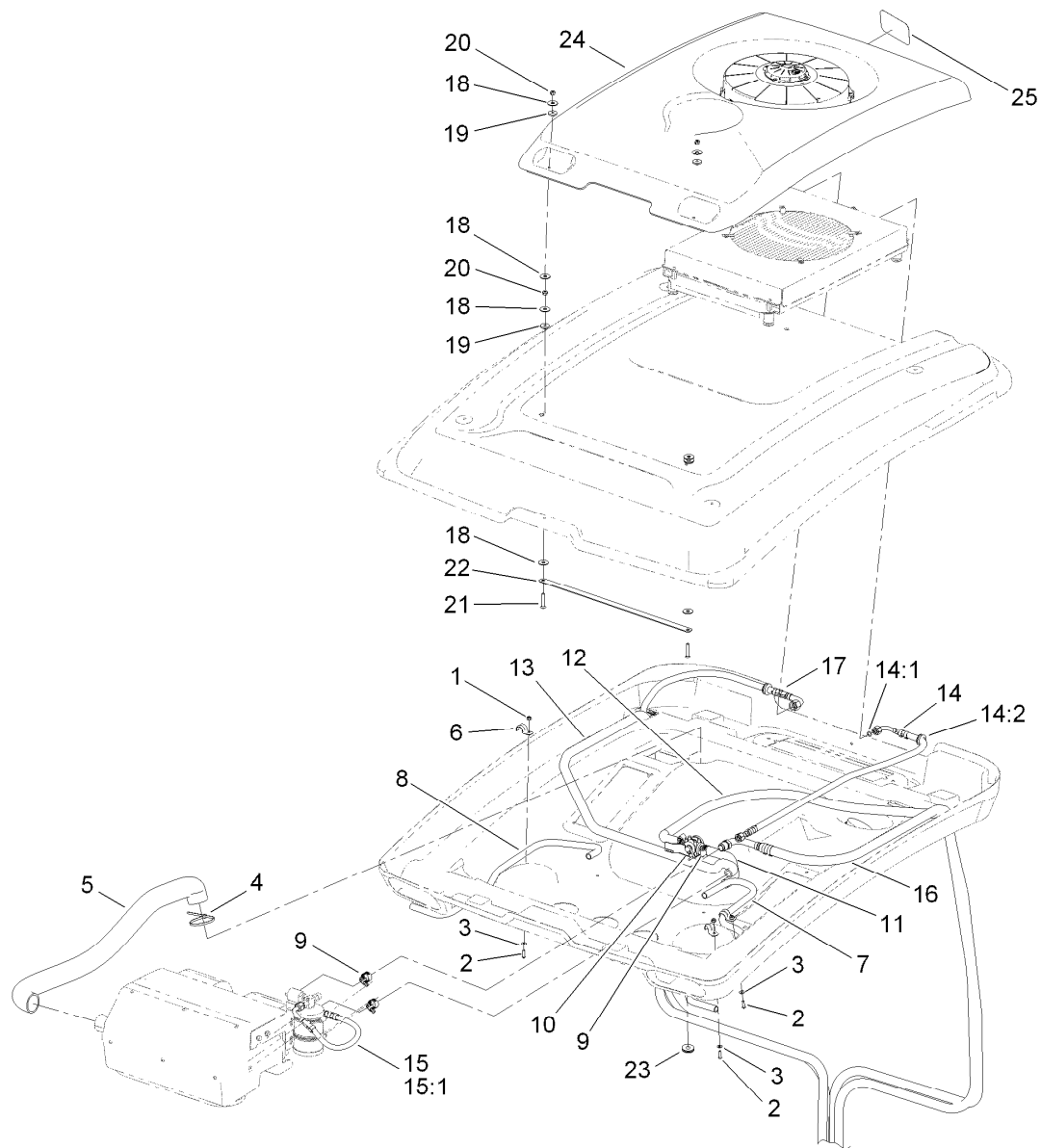
Ref.	Part Number	Qty.	Description
1	119-8351	1	Wiper Motor ASM
1:2	3253-3	1	Washer-Lock
1:3	33113-025	1	Screw-HH
1:4	112-2844	2	Nut-HF
2	119-8352	1	Arm-Wiper, 20 Inch
3	119-8353	1	Blade-Wiper, 22 Inch
3:2	47-2830	2	Screw-Metric



Cab Switchplate and Fuse Block Assembly

Ref.	Part Number	Qty.	Description
1	115-5502	1	Switch-Fan, 3-Speed
2	107-1013	5	Nut-Speed, U-Type
3	104-2408	9	Screw-HSBH
4	115-5504	2	Knob-Control
5	115-8820	1	Switch-Control, Heat
6	115-5503	1	Nut
7	115-5501	1	Label-Switch
8	115-5500	1	Plate-Switch
9	119-8355	1	Switch-Rocker
10	95-8999	1	Switch
11	99-7420	1	Plug-Hole

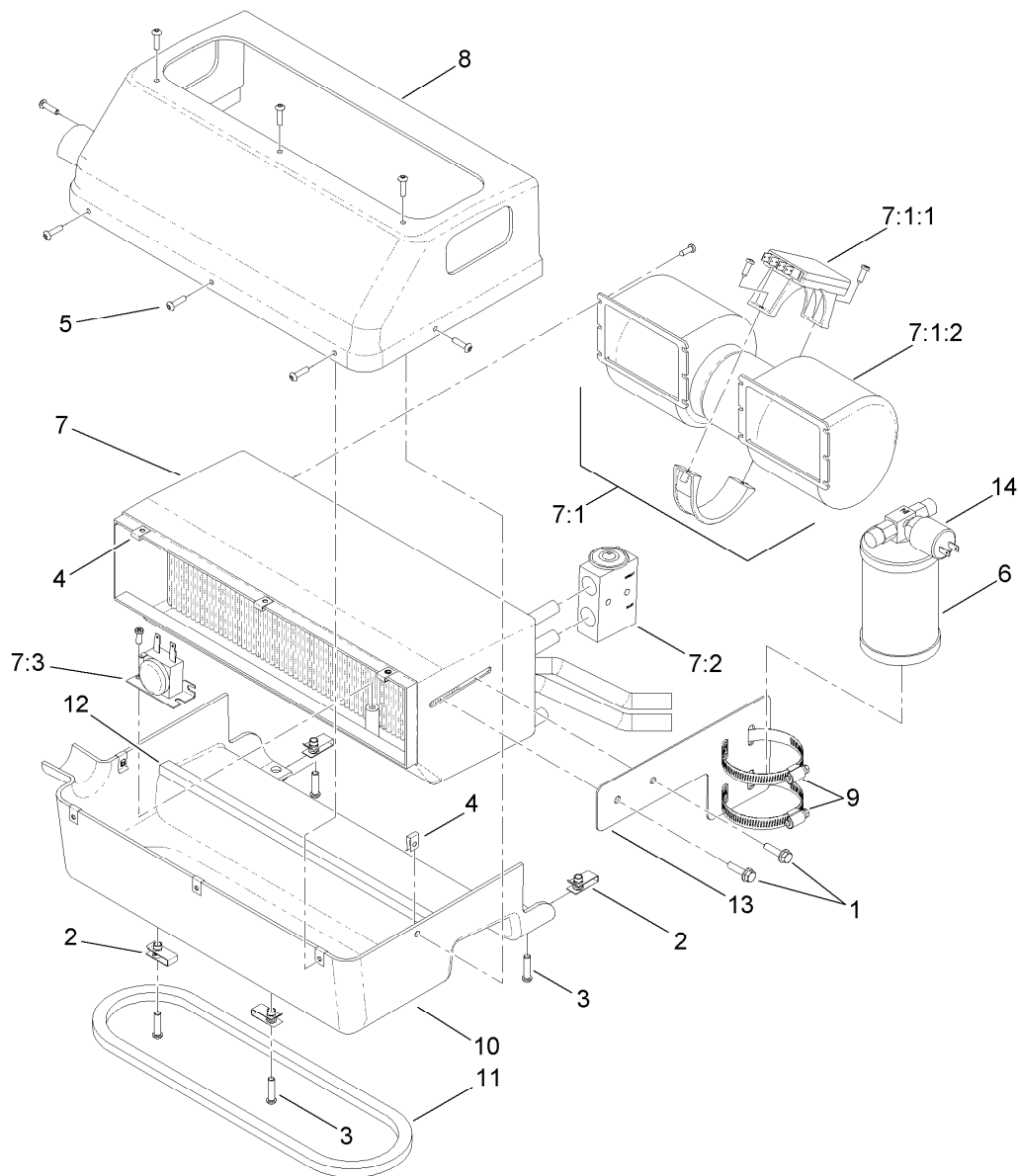
Ref.	Part Number	Qty.	Description
12	32128-17	2	Nut-Lock, Flange
13	115-5506	1	Knob
14	115-5510	1	Cover-Access, Fuse
15	117-2787	1	Label-Information, Fuse
16	115-5508	1	Label-Block, Fuse
17	119-8356	1	Harness-Wire
17:1	109355	3	Fuse-Blade, 15 Amp
17:2	109103	1	Fuse-Blade, 30 Amp
18	115-5511	1	Mount-Block, Fuse
19	115-5547	2	Pad-Fastener
20	115-5505	3	Nut-Panel, Spring



Cab Roof and Hose Assembly

Ref.	Part Number	Qty.	Description
1	32128-17	3	Nut-Lock, Flange
2	104-2408	3	Screw-HSBH
3	3256-14	3	Washer-Flat
4	3290-379	2	Tie-Cable
5	115-8835	1	Hose-Air Duct
6	119-4517	3	Clamp-Hose
7	120-0376	1	Hose-Drain, LH
8	120-0377	1	Hose-Drain, RH
9	2412-141	4	Clamp-Drive, Worm
10	115-8840	1	Valve-Heater
11	115-8844	1	Hose
12	120-0375	1	Hose (Thermostat To Valve)
13	120-0346	1	Hose ASM
14	115-8837	1	Hose ASM

Ref.	Part Number	Qty.	Description
14:1	117-2778	2	O-Ring
14:2	117-2782	1	Grommet
15	115-8838	1	Hose ASM
15:1	117-2778	2	O-Ring
16	120-0384	1	Hose ASM
17	120-0385	1	Hose ASM
18	115-5581	8	Washer-Flat
19	115-5570	4	Bushing-Thin
20	3296-42	4	Nut-Lock, NI
21	3229-4	2	Screw-CARR
22	119-4505	1	Strap-Mounting
23	117-2782	2	Grommet
24	115-5552	1	Cover-Condenser
25	67-1300	1	Decal

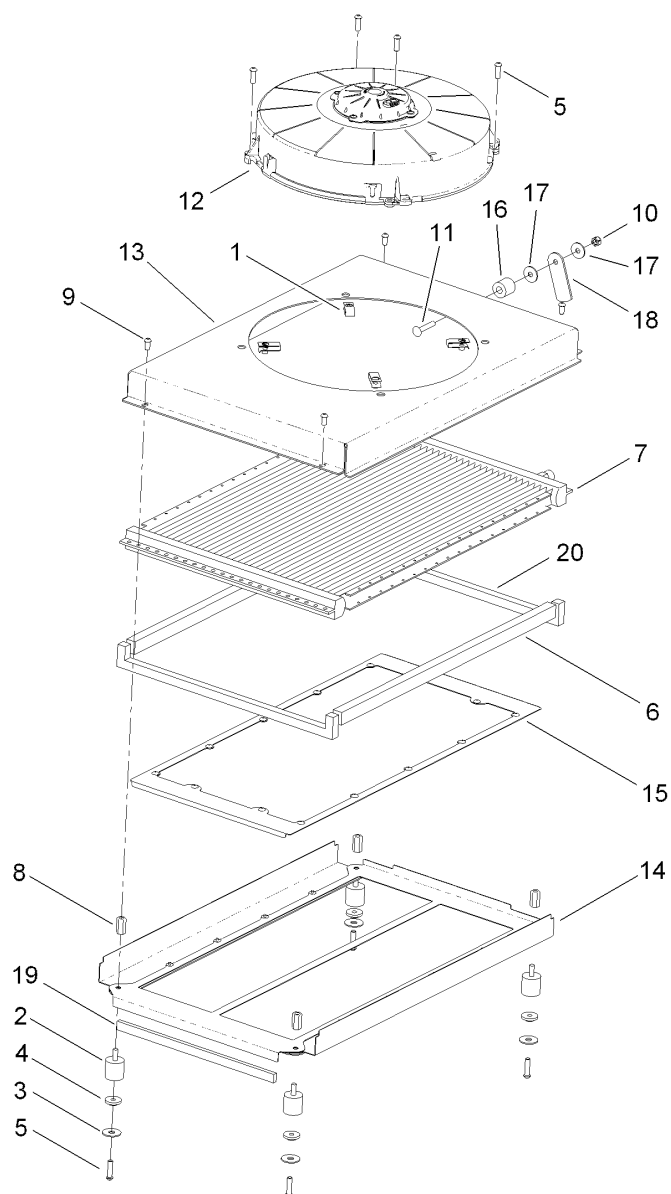


Cab A/C Heater and Evaporator Assembly

Ref.	Part Number	Qty.	Description
1	33103-025	2	Screw-HHF
2	115-5586	4	Nut-Panel, Deep
3	3274-65	4	Screw-HSBH
4	115-7952	8	Nut-Panel
5	104-2408	8	Screw-HSBH
6	119-4502	1	Drier-Receiver
7	121-3860	1	A/C Heater ASM
7:1	121-3861	1	Fan-Blower
7:1:1	121-3862	1	Resistor-Fan
7:1:2		1	Fan And Motor ASM ●

Ref.	Part Number	Qty.	Description
7:2	115-5587	1	Valve-Expansion
7:3	115-5593	1	Thermostat-Switch, Freeze
8	115-8829	1	Cover-Top
9	2412-125	2	Clamp-Hose
10	115-8828	1	Evaporator-Bottom
11	120-0378	1	Seal-36 Inch
12	120-0379	1	Seal-16 Inch
13	120-0380	1	Mount-Drier
14	119-4501	1	Switch-Dual Function

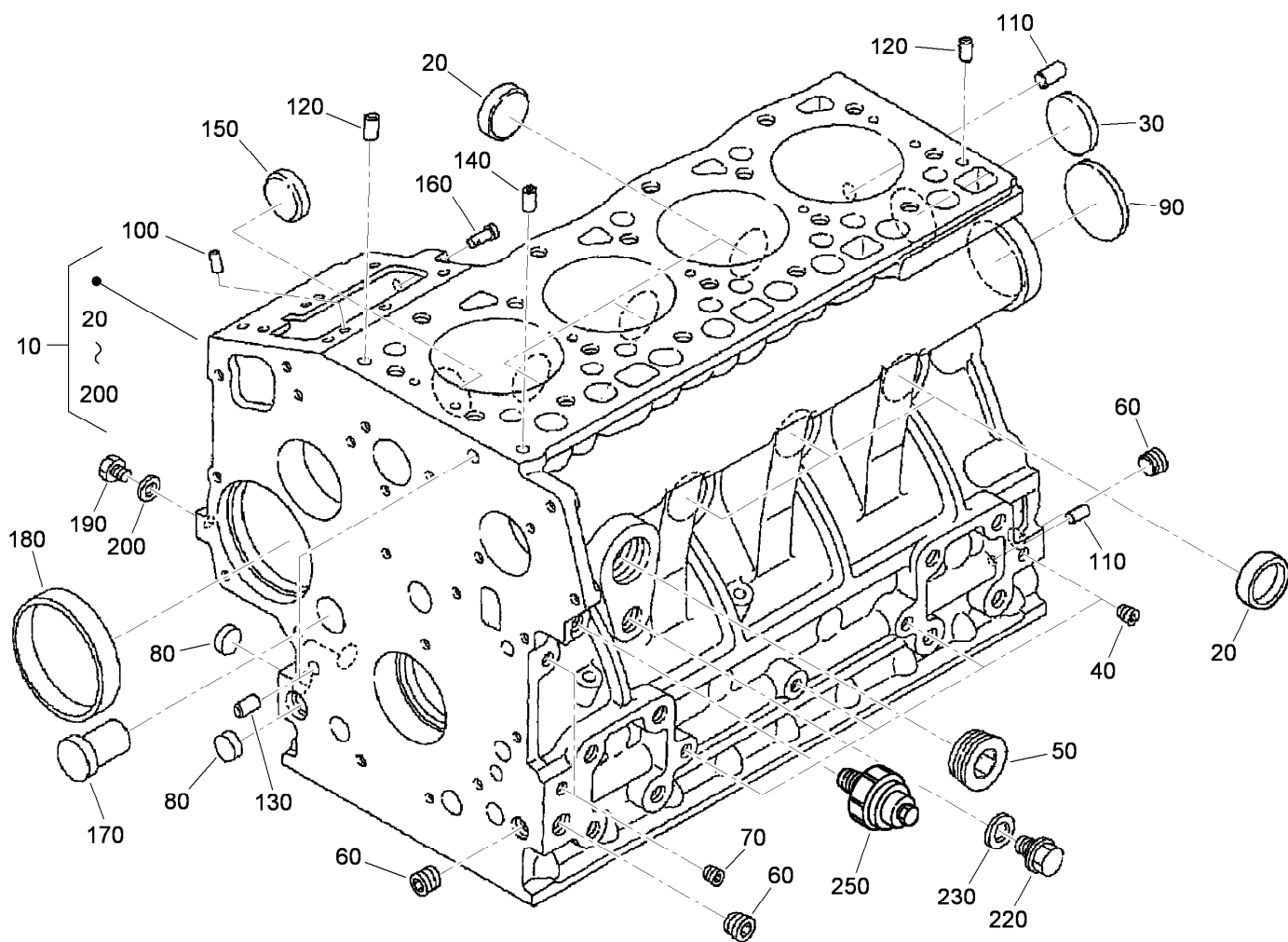
● Not serviced separately



Cab Condensor Assembly

Ref.	Part Number	Qty.	Description
1	107069	4	Clip
2	115-8822	4	Mount-Isolator
3	115-5581	4	Washer-Flat
4	115-5570	4	Bushing-Thin
5	3274-65	8	Screw-HSBH
6	119-4516	2	Foam-Side
7	115-8816	1	Coil-Condenser
8	115-8823	4	Coupler-Nut
9	115-8819	4	Screw-HSBH
10	3296-42	1	Nut-Lock, NI

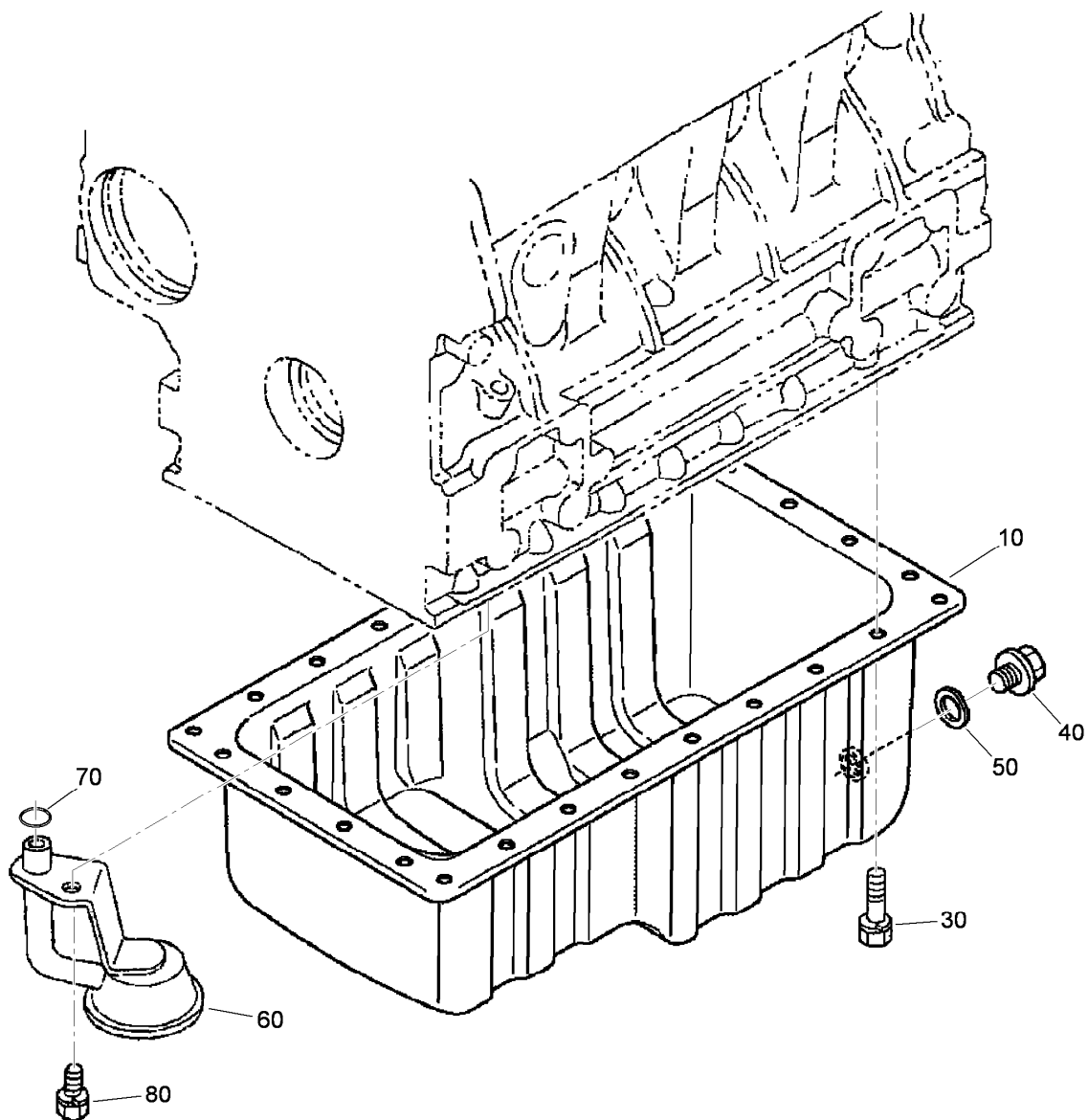
Ref.	Part Number	Qty.	Description
11	3229-4	1	Screw-CARR
12	119-4500	1	Fan-12 Inch
13	119-4511	1	Shroud-Fan
14	119-4513	1	Frame-Screen
15	119-4512	1	Tray-Screen
16	119-4506	1	Spacer-Latch
17	66-2921	2	Washer-Friction
18	119-4507	1	Plate-Latch
19	119-4527	1	Foam-Tray
20	119-4544	2	Foam-End



Crankcase Assembly

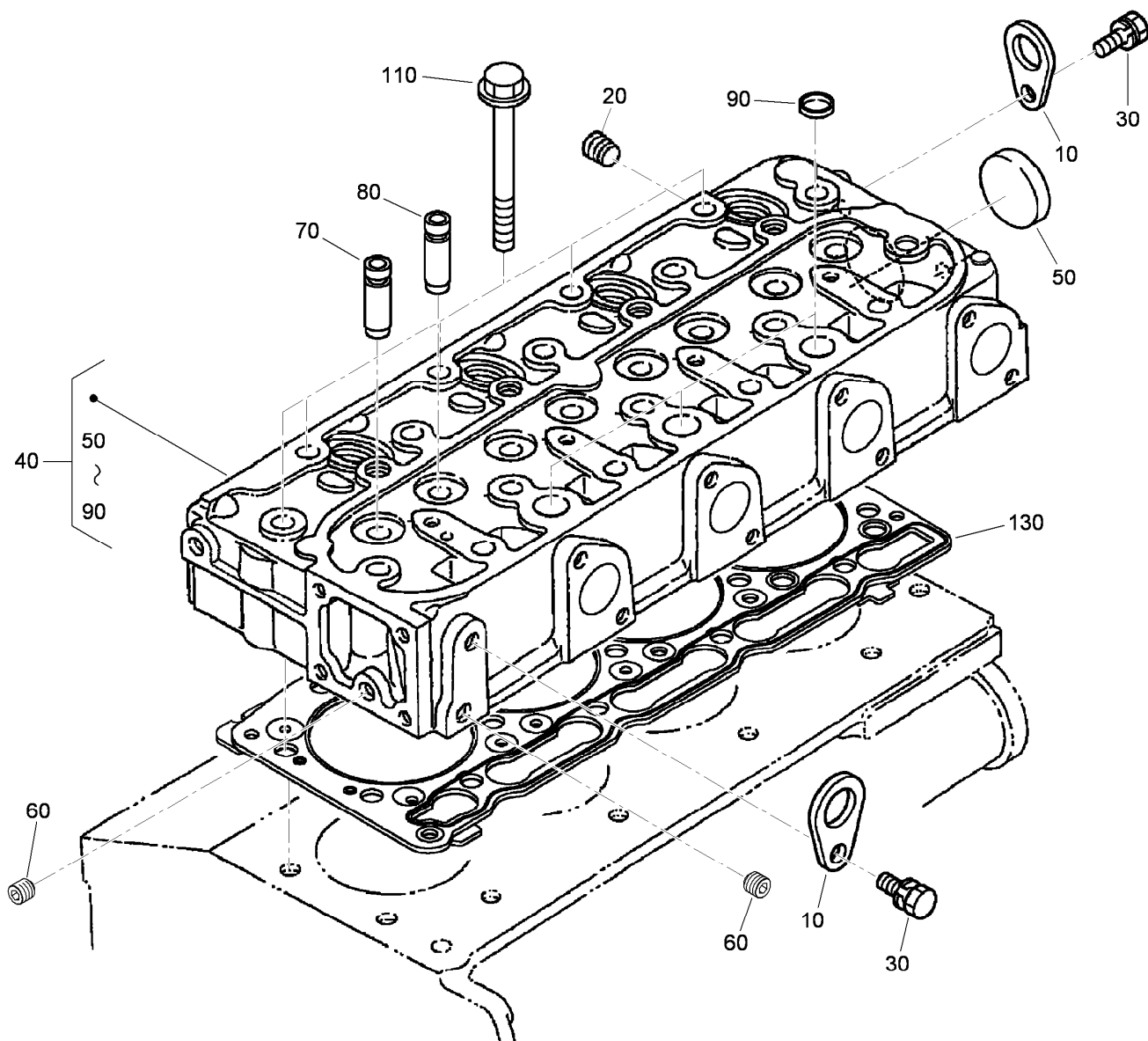
Ref.	Part Number	Qty.	Description
10	120-2558	1	Crankcase ASM
20	98-9398	6	Cap-Sealing
30	98-7539	1	Cap-Sealing
40	98-7540	4	Plug
50	105-3779	1	Plug
60	98-9597	3	Plug
70	98-7487	2	Plug
80	98-9379	3	Plug-Expansion
90	98-9668	1	Plug-Expansion
100	98-9375	2	Pin-Straight
110	98-9377	2	Pin-Straight
120	98-9376	2	Pin-Straight

Ref.	Part Number	Qty.	Description
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	120-2559	1	Plug
200	98-7428	1	Gasket
220	99-3447	1	Plug
230	106-7056	1	Gasket
250	98-9416	1	Switch-Oil



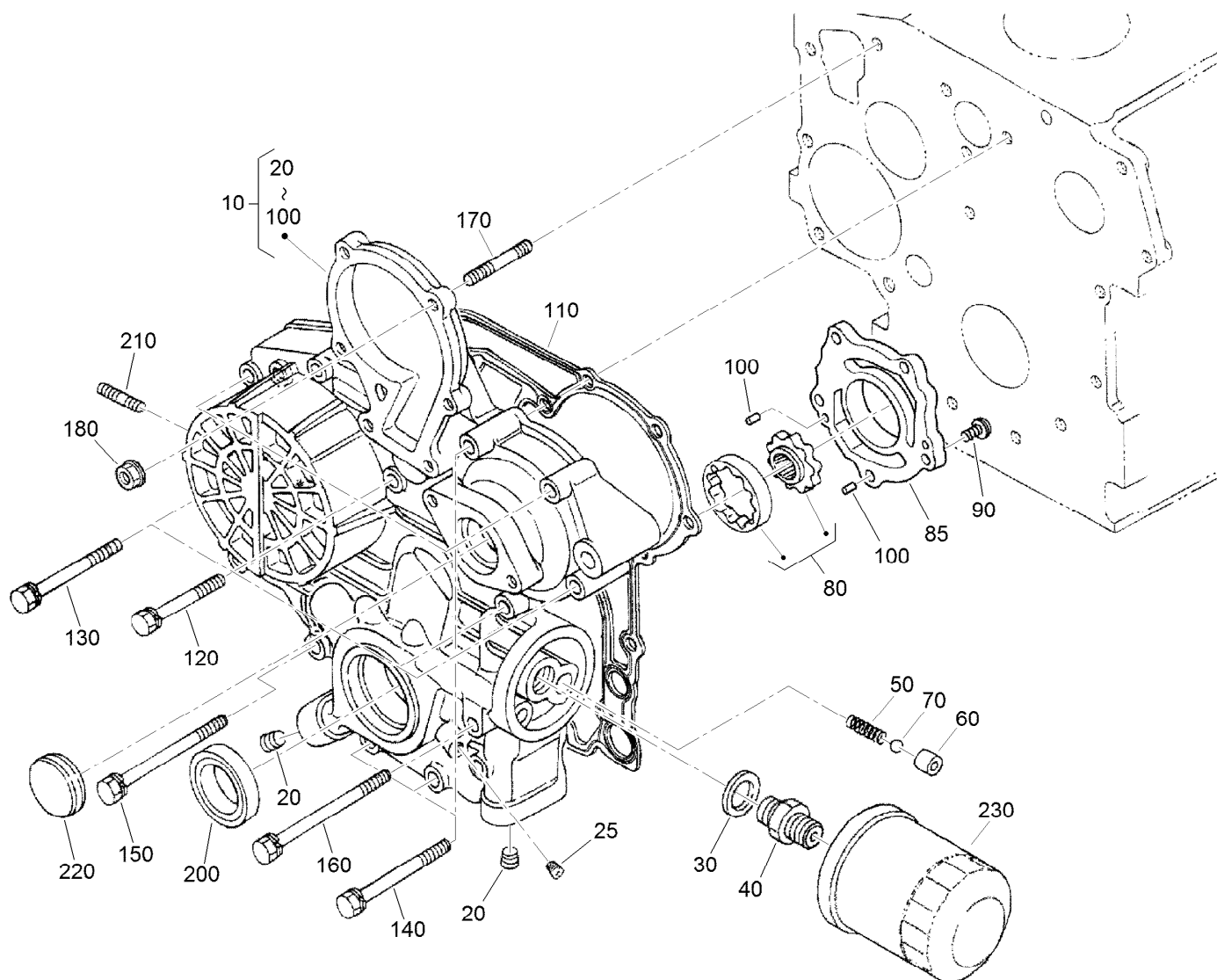
Oil Pan Assembly

Ref.	Part Number	Qty.	Description
10	112-0186	1	Oil Pan ASM
30	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

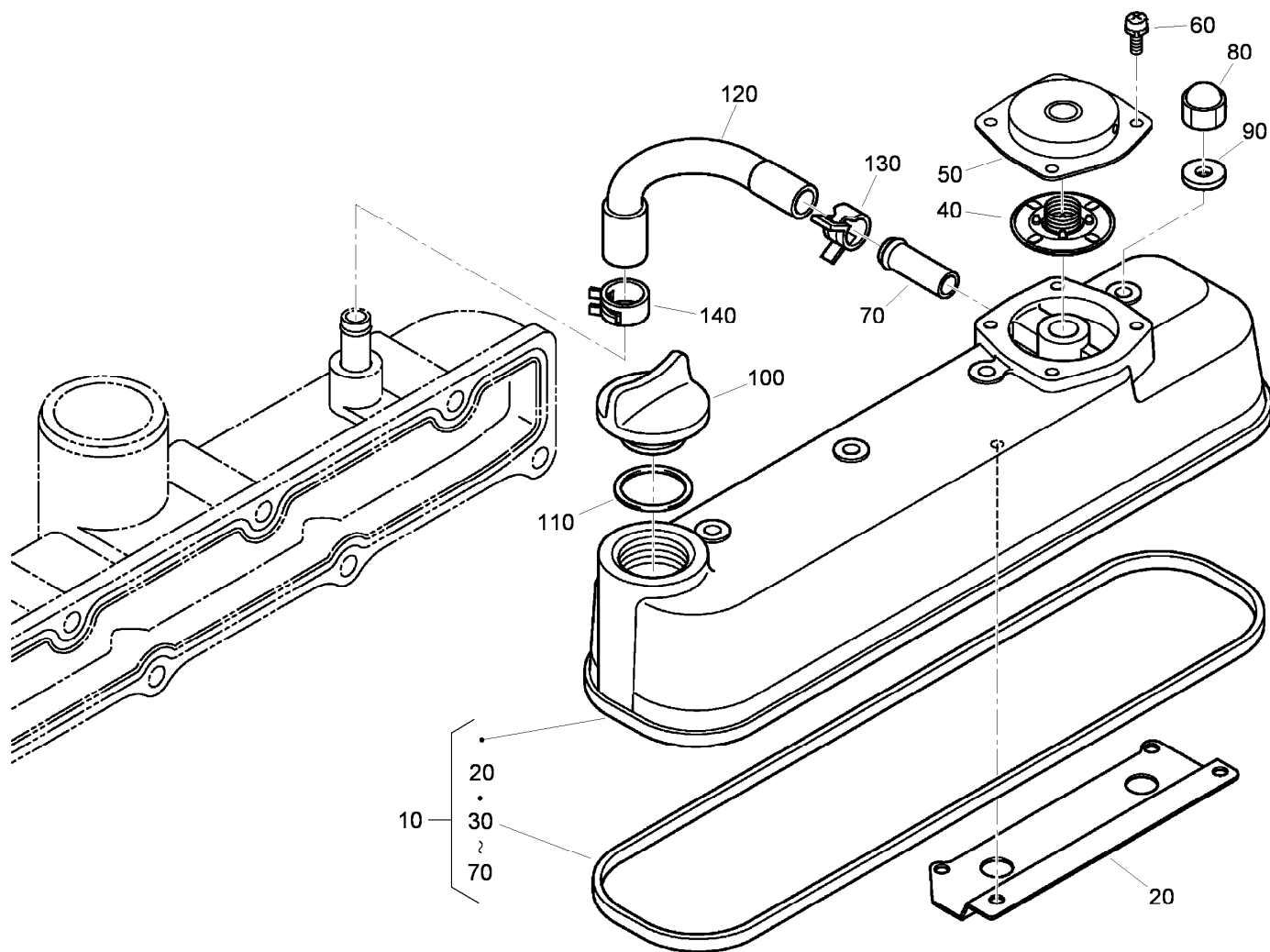
Ref.	Part Number	Qty.	Description
10	98-7531	2	Hook-Engine
20	98-9444	1	Plug
30	100-9195	2	Bolt
40	115-3012	1	Cylinder Head ASM
50	105-3705	1	Cap-Sealing
60	98-7540	2	Plug
70	107-9066	4	Guide-Valve, Inlet
80	107-9067	4	Guide-Valve, Exhaust
90	98-9389	3	Cap-Sealing
110	98-9479	18	Bolt-Head, Cylinder
130	108-2855	1	Gasket-Head, Cylinder



Gear Case Assembly

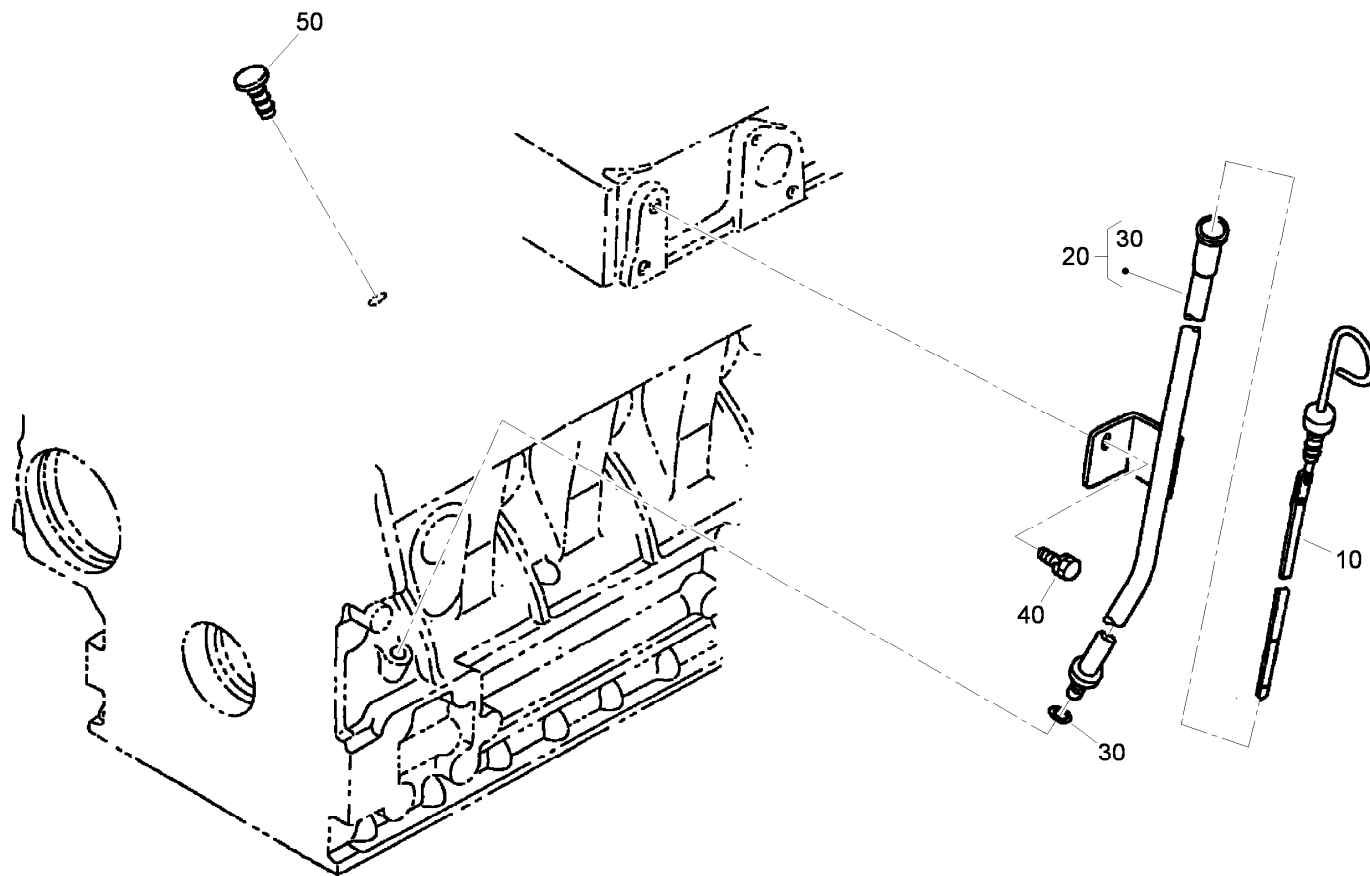
Ref.	Part Number	Qty.	Description
10	115-4105	1	Gear Case ASM
20	98-9598	2	Plug
25	98-7487	1	Plug
30	98-7562	1	Washer-Plain
40	98-9388	1	Joint-Pipe
50	98-9544	1	Spring
60	98-9543	1	Seat-Valve
70	98-9380	1	Ball
80	98-9540	1	Oil Pump Rotor ASM
85	107-9069	1	Cover-Pump, Oil
90	107-9071	5	Screw
100	107-9072	2	Pin-Straight

Ref.	Part Number	Qty.	Description
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	100-2203	1	Nut-Flange
200	119-8038	1	Seal-Oil
210	105-3710	2	Stud
220	98-9641	1	Cover-Case, Gear
230	108-3841	1	Filter-Oil



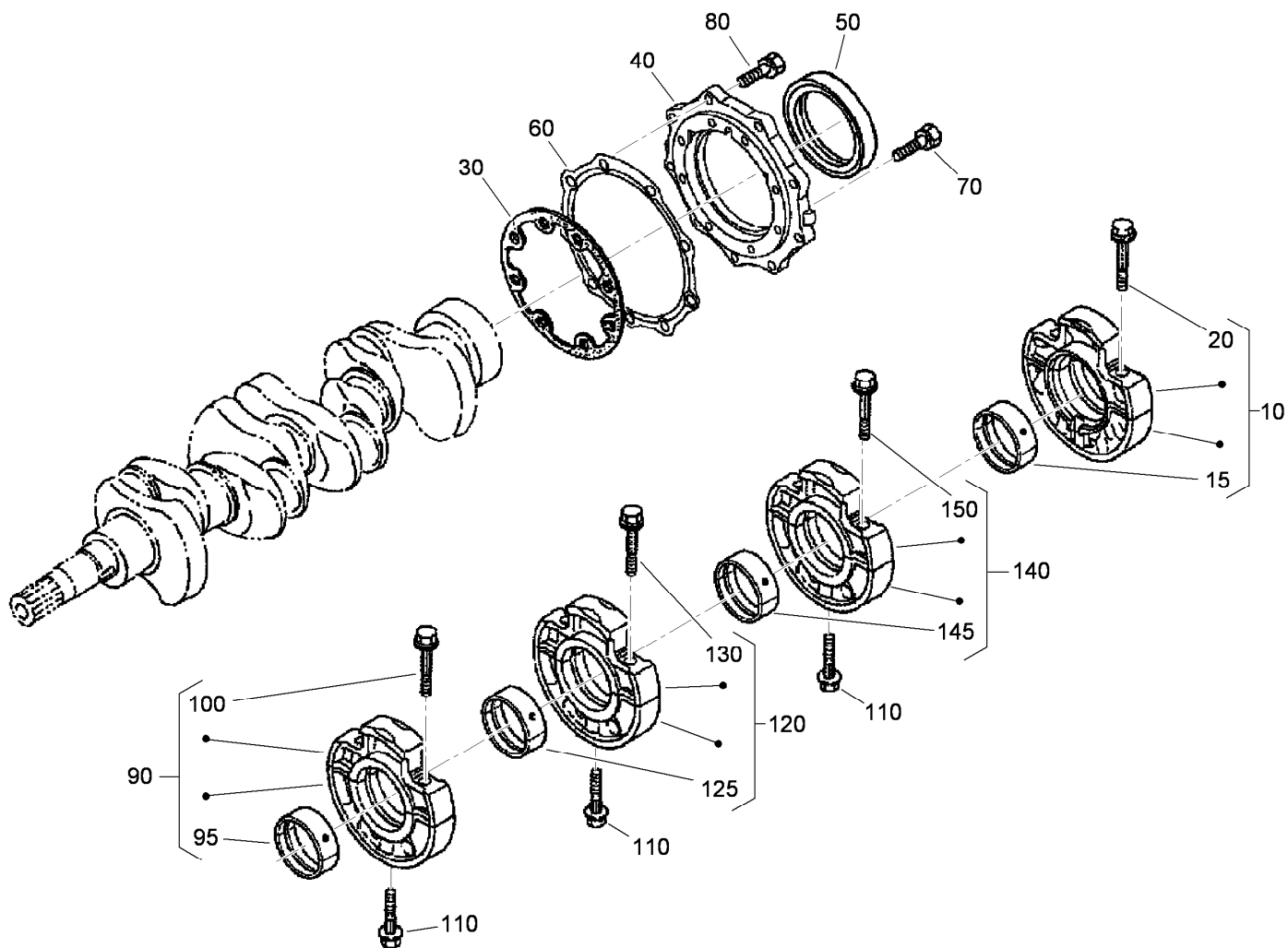
Cylinder Head Cover Assembly

Ref.	Part Number	Qty.	Description
10	115-4130	1	Cylinder Head Cover ASM
20	108-2857	1	Shield-Breather
30	105-3712	1	Gasket-Cover, Head
40	110-3715	1	Valve-Breather
50	110-3714	1	Cover-Breather
60	98-9364	4	Screw (With Washer)
70	98-7766	1	Pipe-Return, Water
80	98-9455	4	Nut-Cap
90	98-9454	4	Gasket
100	107-9075	1	Plug-Filler, Oil
110	120-2560	1	O-Ring
120	108-2858	1	Tube-Breather
130	108-2859	1	Clamp-Hose
140	108-2860	1	Clamp-Hose



Dipstick and Guide Assembly

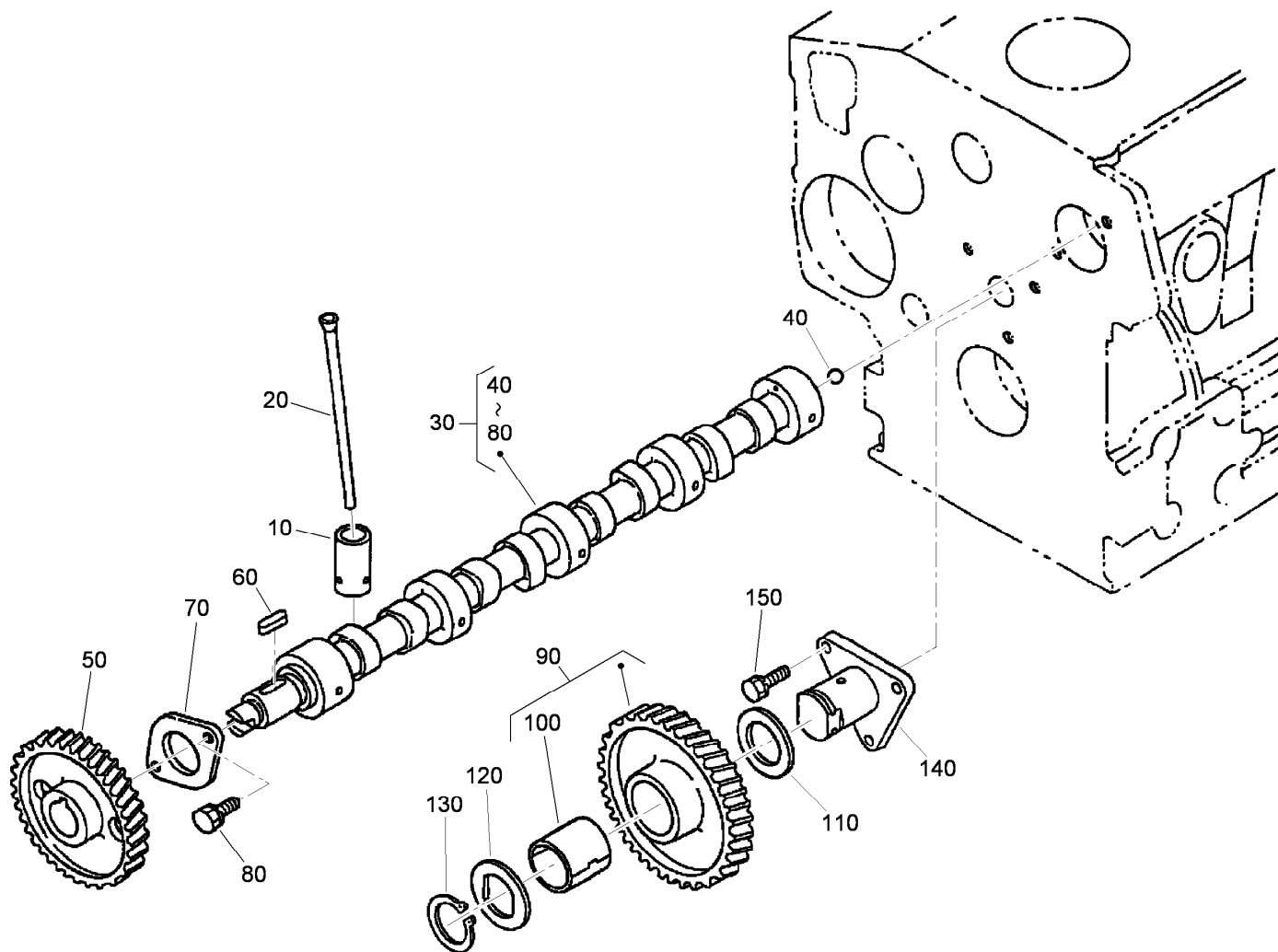
Ref.	Part Number	Qty.	Description
10	98-9670	1	Gauge-Oil
20	98-9672	1	Oil Gauge Guide ASM
30	98-9722	1	O-Ring
40	100-9195	1	Bolt
50	110-3720	1	Plug-Gauge, Oil



Main Bearing Case Assembly

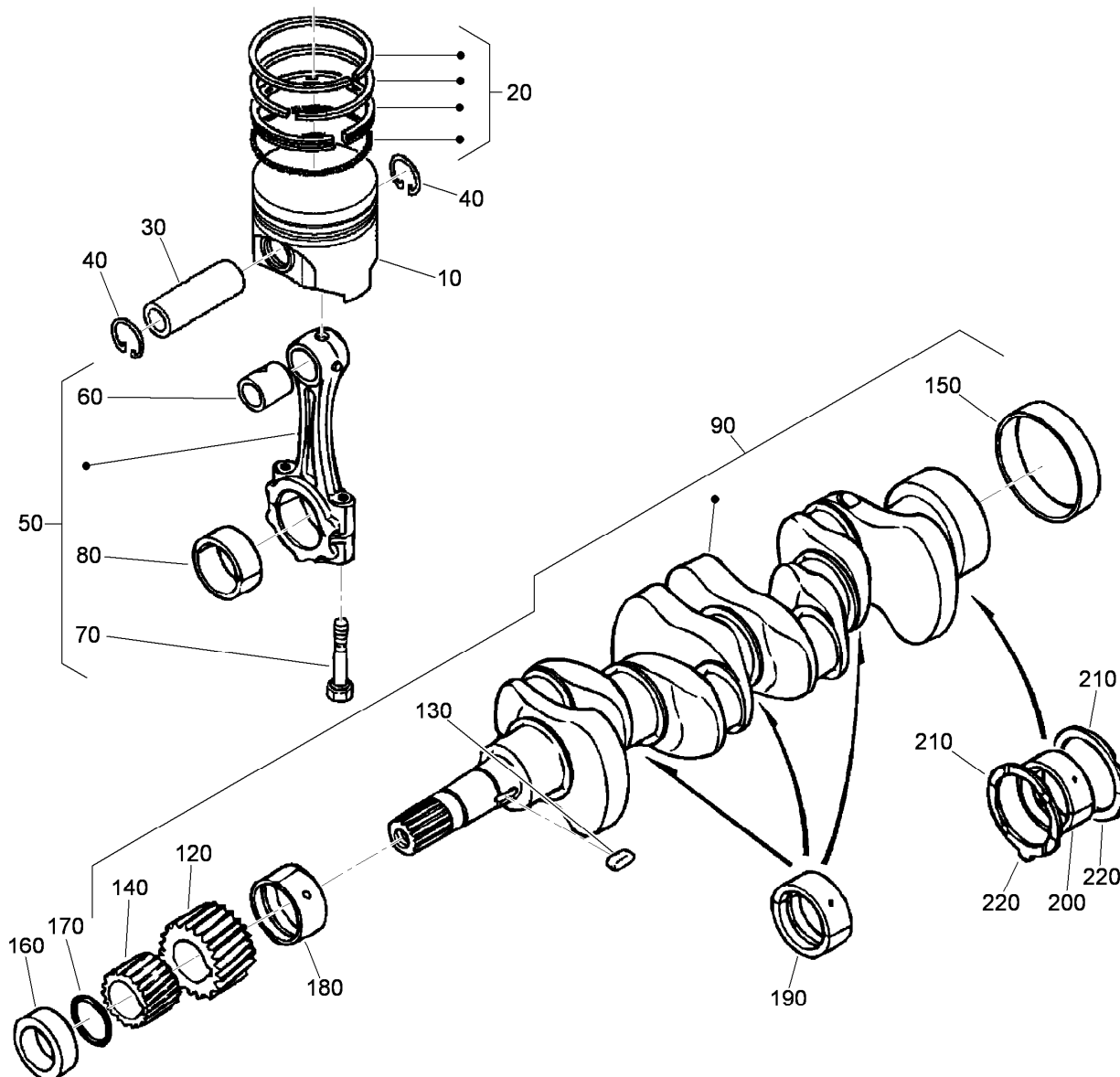
Ref.	Part Number	Qty.	Description
10	112-7026	1	Wheel Bearing Case ASM
15	115-4121	1	Metal-Crankshaft (STD)
20	98-9484	2	Bolt-Case, Bearing
30	98-9634	1	Gasket-Case, Bearing
40	112-7046	1	Cover-Case, Bearing
50	112-0180	1	Seal-Oil
60	112-7037	1	Gasket-Cover, Case
70	98-9352	8	Bolt
80	98-7568	9	Bolt
90	115-4106	1	Main Bearing Case ASM

Ref.	Part Number	Qty.	Description
95	98-9524	1	Metal-Crankshaft (STD Set)
100	98-9484	2	Bolt-Case, Bearing
110	98-9485	3	Bolt-Case, Bearing
120	115-4107	1	Main Bearing Case ASM
125	98-9524	1	Metal-Crankshaft (STD Set)
130	98-9484	2	Bolt-Case, Bearing
140	115-4108	1	Main Bearing Case ASM
145	98-9524	1	Metal-Crankshaft (STD Set)
150	98-9484	2	Bolt-Case, Bearing



Cam Shaft and Idle Gear Assembly

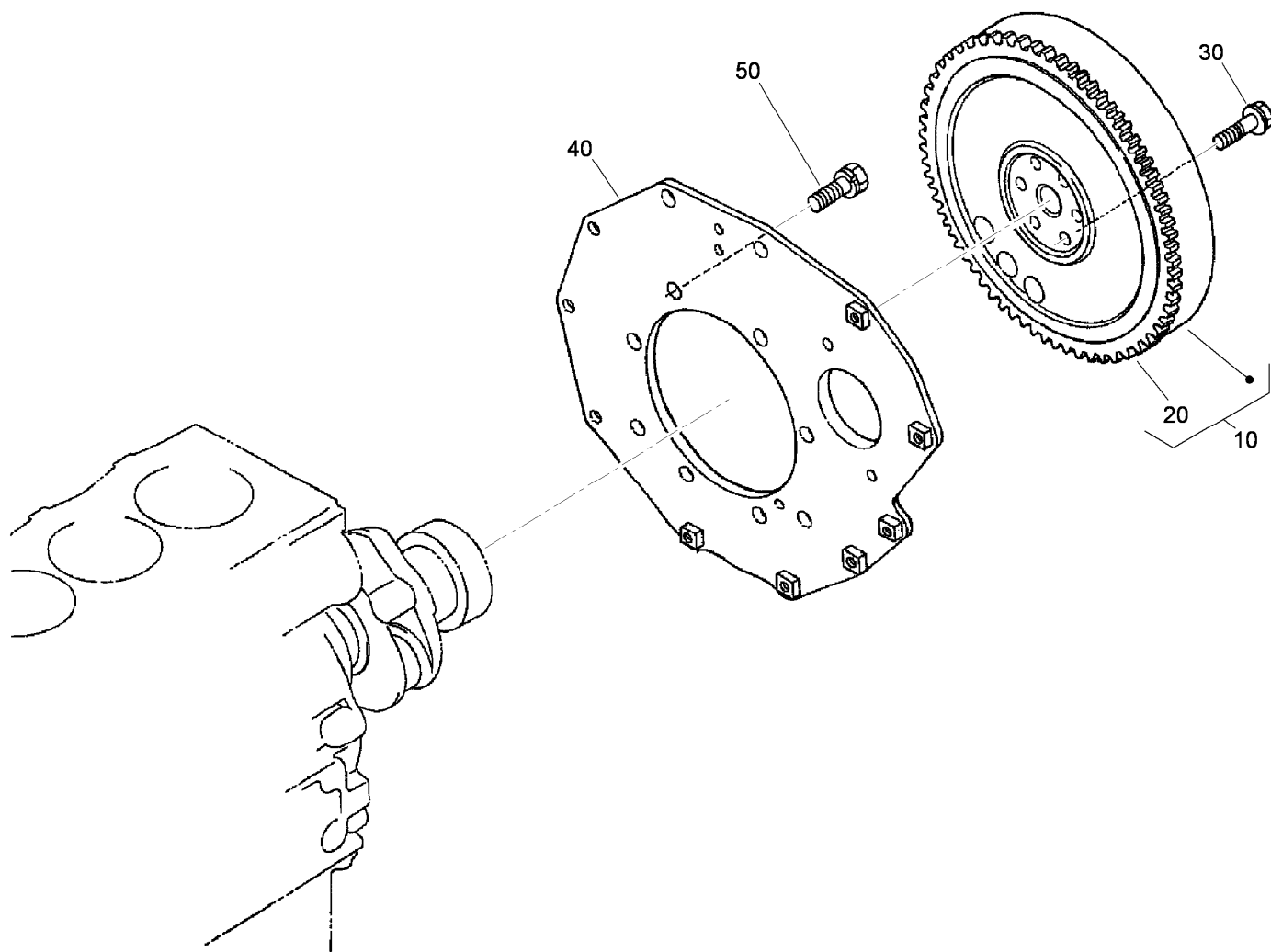
Ref.	Part Number	Qty.	Description
10	112-0185	8	Tappet
20	98-9509	8	Rod-Push
30	120-3116	1	Camshaft ASM
40	110-3729	1	Ball
50	98-9512	1	Gear-Cam
60	98-9378	1	Key-Feather
70	98-9510	1	Stopper-Camshaft
80	98-7692	2	Bolt
90	117-7584	1	Idler Gear ASM
100	117-7585	1	Bushing-Gear, Idle
110	98-9535	1	Collar-Gear, Idle
120	98-9536	1	Collar-Gear, Idle
130	98-9534	1	Circlip-Gear, Idle
140	98-9533	1	Shaft-Gear, Idle
150	98-7692	3	Bolt



Piston and Crankshaft Assembly

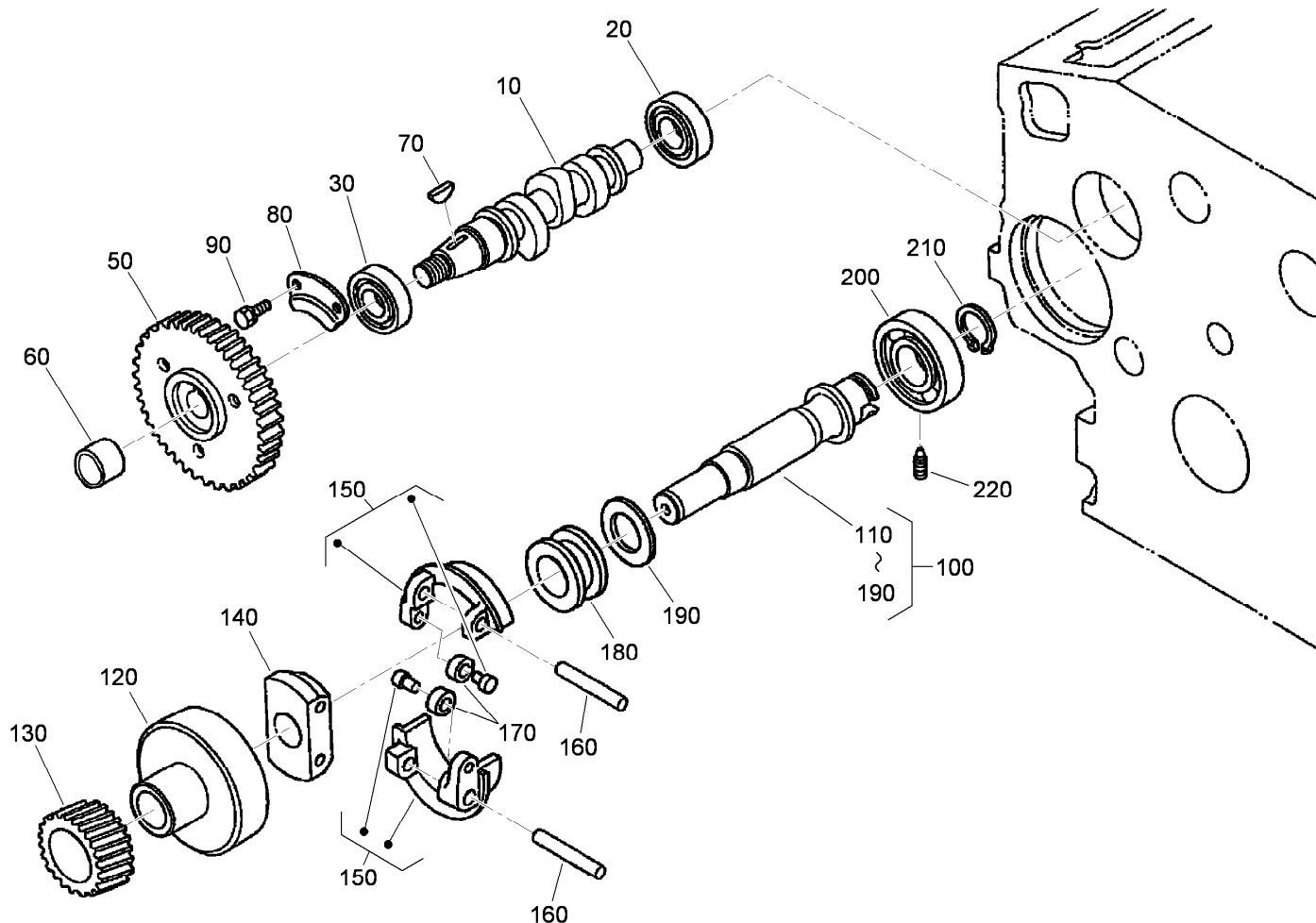
Ref.	Part Number	Qty.	Description
10	112-8404	4	Piston (STD)
10	112-8414	4	Piston (+0.5Mm)
20	98-9551	4	Piston Ring ASM (STD)
20	108-1404	4	Piston Ring ASM (0.5Mm)
30	98-9513	4	Pin-Piston
40	98-9514	8	Circlip-Pin, Piston
50	115-3013	4	Connecting Rod ASM
60	115-3014	4	Bushing-Pin, Piston
70	98-9517	8	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	120-2561	1	Crankshaft ASM
120	117-7561	1	Gear-Crankshaft
130	98-9666	1	Key
140	98-9542	1	Gear-Drive, Oil Pump
150	98-9522	1	Sleeve-Crankshaft

Ref.	Part Number	Qty.	Description
160	98-9521	1	Collar-Crankshaft
170	105-3783	1	O-Ring
180	98-9523	1	Metal Crankshaft (STD)
180	98-9528	1	Bearing-Main (0.2Mm)
180	98-9529	1	Bearing-Main (0.4Mm)
190	98-9524	3	Metal-Crankshaft (STD Set)
190	98-9530	3	Bearing-Main (0.2Mm)
190	98-9531	3	Bearing-Main (0.4Mm)
200	115-4121	1	Metal-Crankshaft (STD)
200	112-7039	1	Metal-Crankshaft (0.2Mm)
200	112-7040	1	Metal-Crankshaft (-0.4Mm)
210	98-9413	2	Bearing-Thrust (STD)
210	98-9414	2	Bearing-Thrust (0.2Mm)
210	98-9415	2	Bearing-Thrust (0.4Mm)
220	98-9688	2	Bearing-Thrust (STD)
220	98-9689	2	Bearing-Thrust (0.2Mm)
220	98-9690	2	Bearing-Thrust (0.4Mm)



Flywheel Assembly

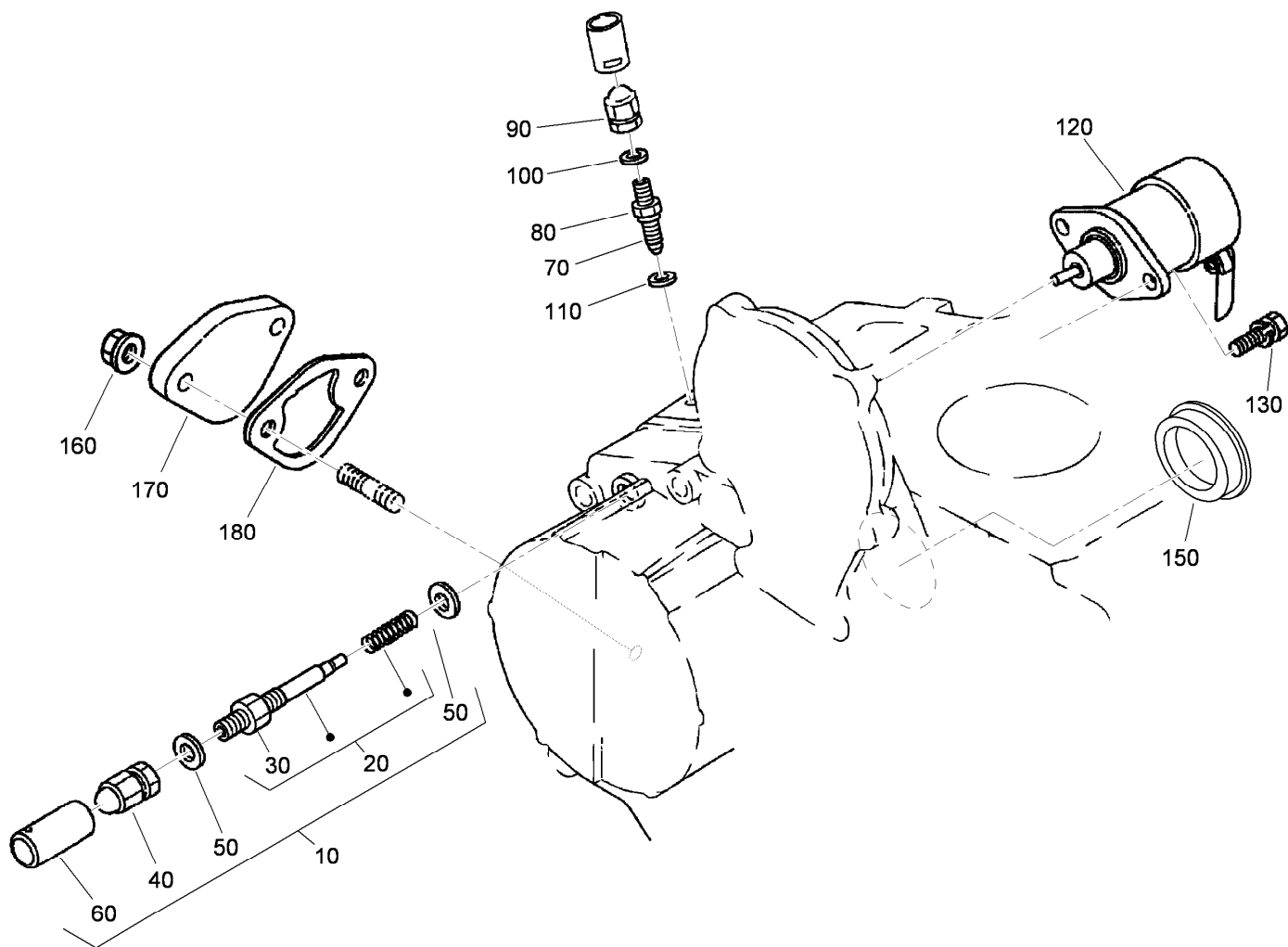
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	105-3721	1	Flywheel ASM
20	115-3015	1	Gear-Ring
30	98-9537	6	Bolt-Flywheel
40	98-9486	1	Plate-End, Rear
50	98-9392	8	Bolt



Fuel Camshaft and Governor Shaft Assembly

Ref.	Part Number	Qty.	Description
10	105-3723	1	Camshaft-Fuel
20	107-9077	1	Bearing-Ball
30	107-9078	1	Bearing-Ball
50	120-2562	1	Gear-Pump, Injection
60	98-9590	1	Nut-Cap
70	98-9595	1	Key-Woodruff
80	98-9511	1	Stopper-Fuel, Camshaft
90	98-7692	2	Bolt
100	105-3724	1	Governor Shaft ASM
110	105-3725	1	Shaft, Governor
120	98-9562	1	Holder-Gear, Governor

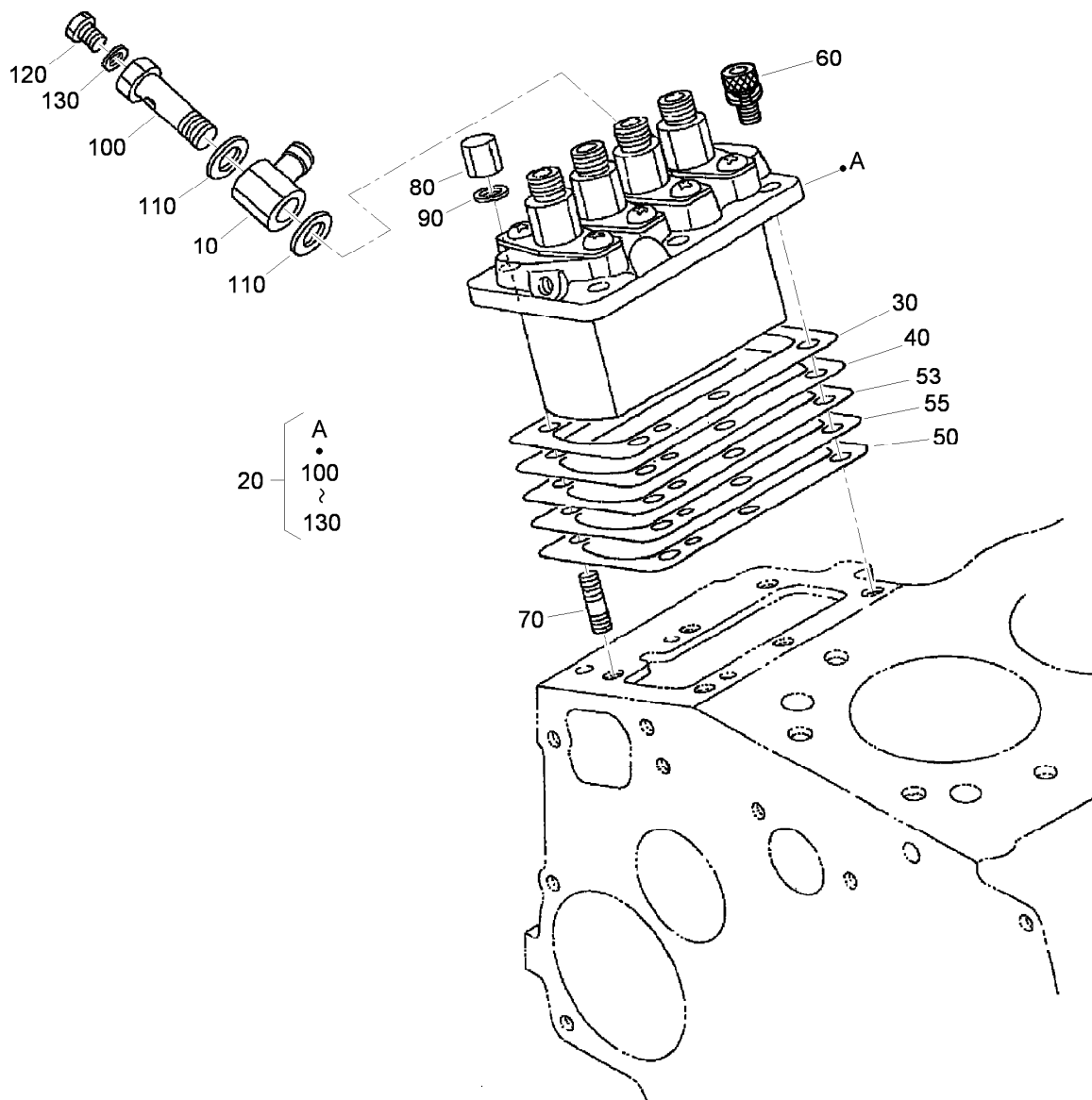
Ref.	Part Number	Qty.	Description
130	98-9673	1	Gear-Governor
140	98-9561	1	Holder-Weight, Governor
150	98-9559	2	Governor Weight ASM
160	98-9560	2	Shaft-Weight, Governor
170	98-9692	2	Roller
180	98-9563	1	Sleeve-Governor
190	98-9564	1	Washer-Thrust
200	107-9079	1	Bearing-Ball
210	98-9657	1	Circlip-Shaft, Governor
220	98-9565	1	Screw-Set



Idle Apparatus Assembly

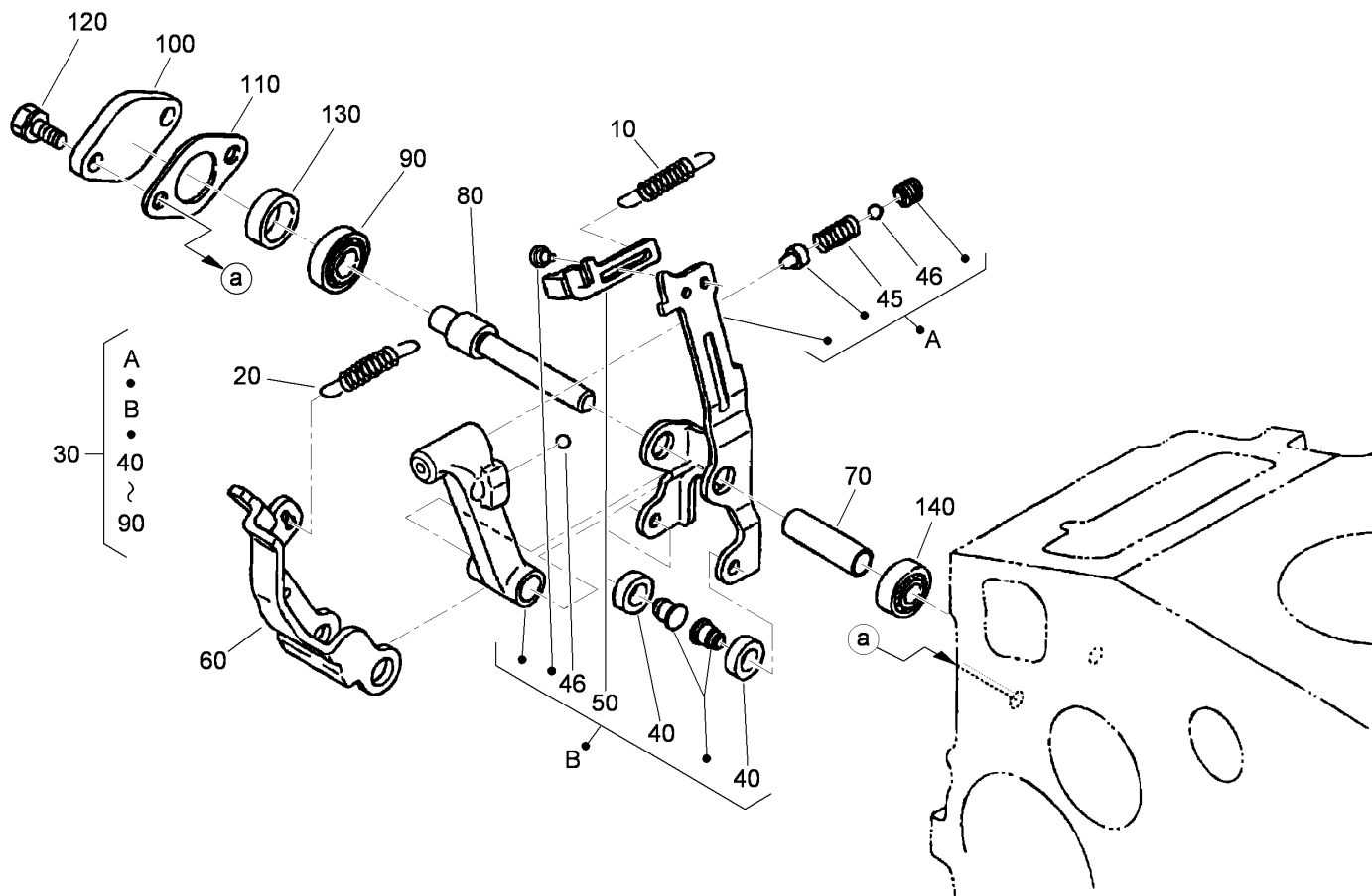
Ref.	Part Number	Qty.	Description
10	98-9678	1	Idle Apparatus ASM
20	112-7014	1	Adjusting Bolt ASM
30	98-9439	1	Nut
40	112-0181	1	Nut
50	98-7654	2	Gasket
60	98-7656	1	Cap
70	112-7015	1	Bolt-Adjusting
80	100-2175	1	Nut-Lock
90	112-0181	1	Nut

Ref.	Part Number	Qty.	Description
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	100-2203	2	Nut-Flange
170	99-3514	1	Cover
180	98-9636	1	Gasket-Pump, Fuel



Injection Pump Assembly

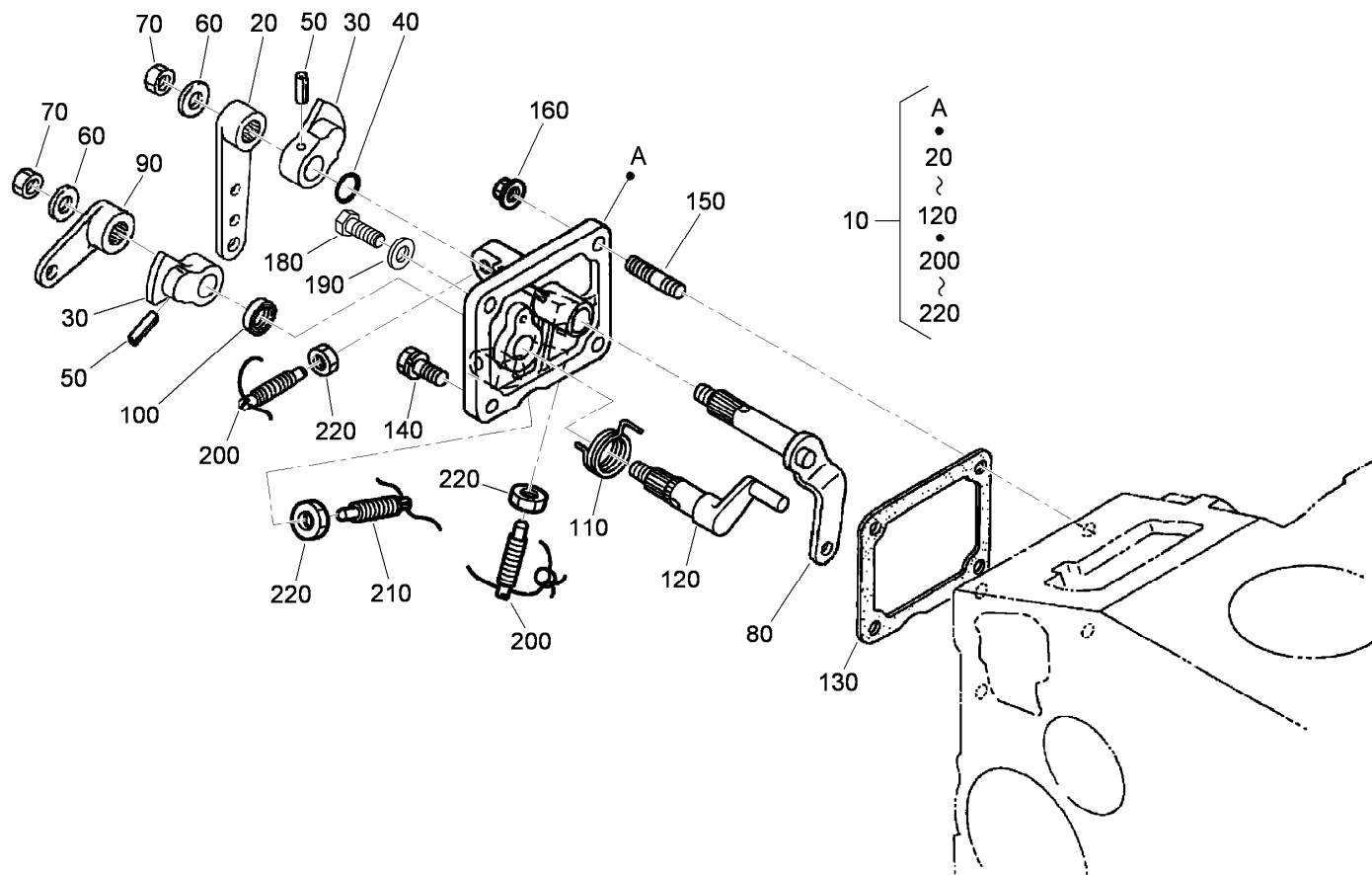
Ref.	Part Number	Qty.	Description
10	98-9596	1	Joint-Eye
20	105-3727	1	Injection Pump ASM
30	105-3728	1	Shim-Pump, Injection (.20Mm)
40	105-3729	1	Shim-Pump, Injection (.25Mm)
50	105-3730	1	Shim-Pump, Injection (.30Mm)
53	115-3016	1	Shim-Pump, Injection (.350Mm)
55	115-3017	1	Shim-Pump, Injection (.175Mm)
60	117-7564	3	Bolt-Hex Soc HD
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	115-4502	1	Fork Lever ASM
40	98-9692	2	Roller
45	108-2867	1	Spring
46	98-7580	2	Ball
50	107-9083	1	Lever-Thrust
60	107-9084	1	Lever-Fork

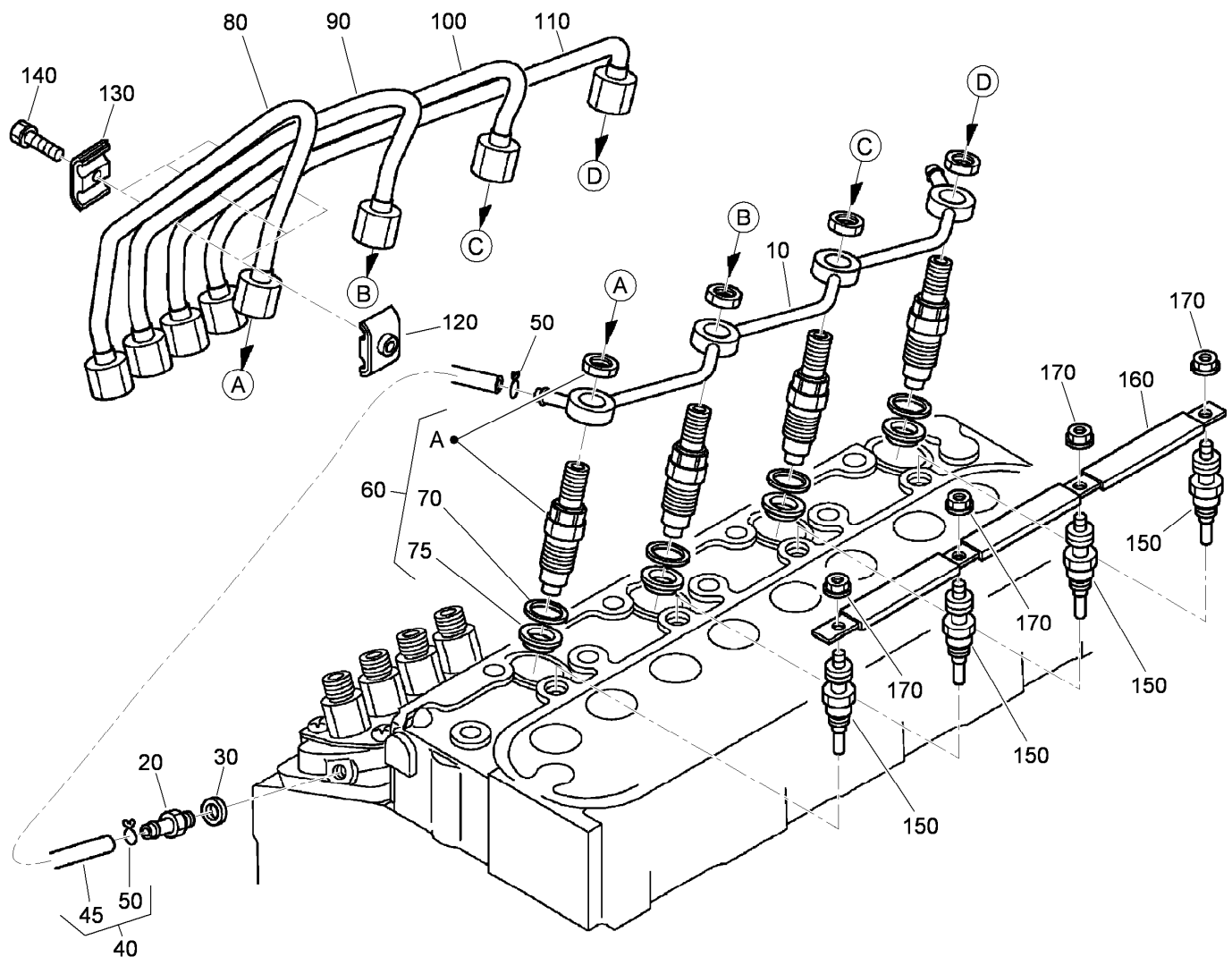
Ref.	Part Number	Qty.	Description
70	107-9085	1	Shaft-Lever, Fork
80	107-9086	1	Shaft-Lever, Fork
90	98-9570	1	Bearing-Miniaturize
100	115-4122	1	Cover-Shaft, Fork Lever
110	98-9682	1	Gasket
120	98-9350	2	Bolt
130	98-9567	1	Collar
140	98-9571	1	Bearing-Miniaturize



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

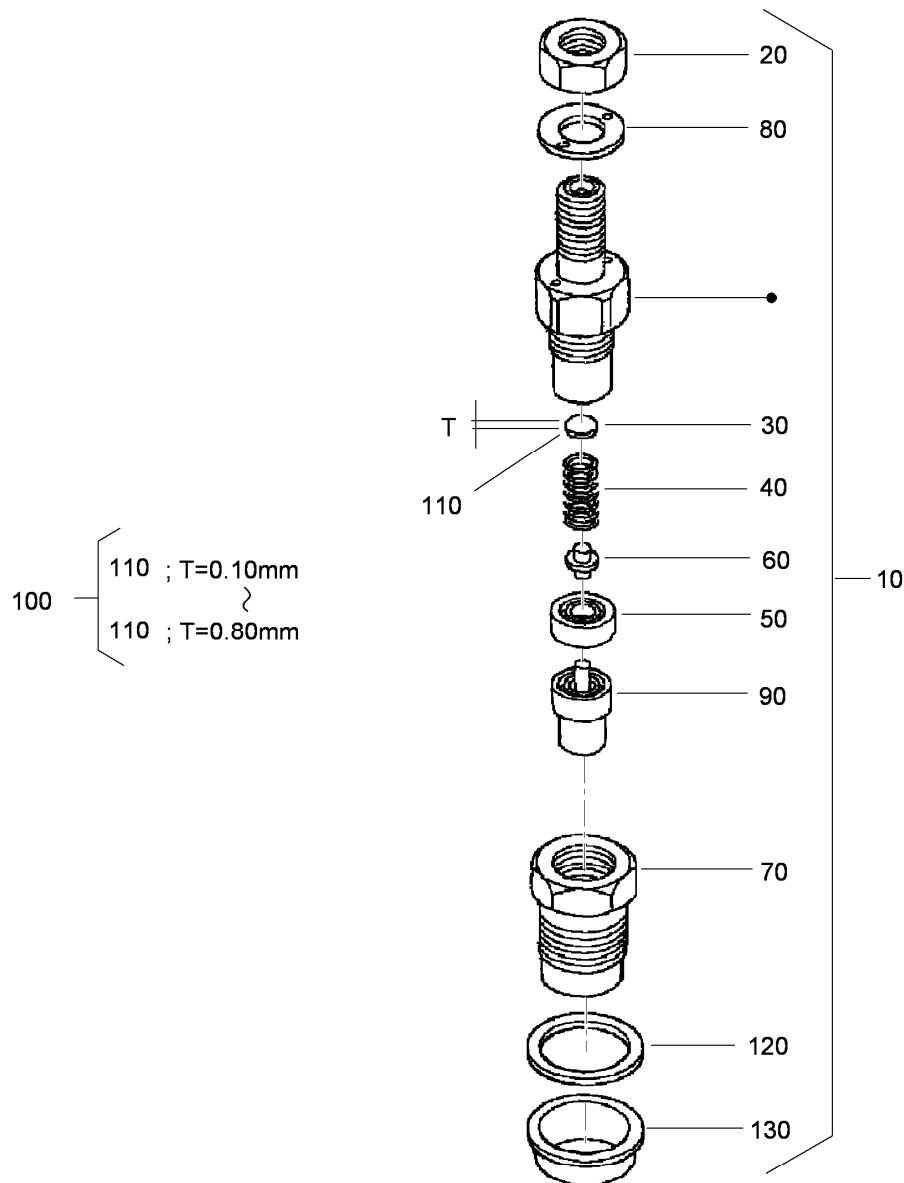
Ref.	Part Number	Qty.	Description
120	98-9664	1	Shaft-Lever, Stop
130	98-9637	1	Gasket
140	98-7692	1	Bolt
150	105-3710	1	Stud
160	98-7572	2	Nut
180	99-8348	2	Bolt
190	98-7654	2	Gasket
200	117-7565	2	Bolt-Adjusting
210	117-7566	1	Bolt-Adjusting
220	98-7572	3	Nut



Nozzle Holder and Glow Plug Assembly

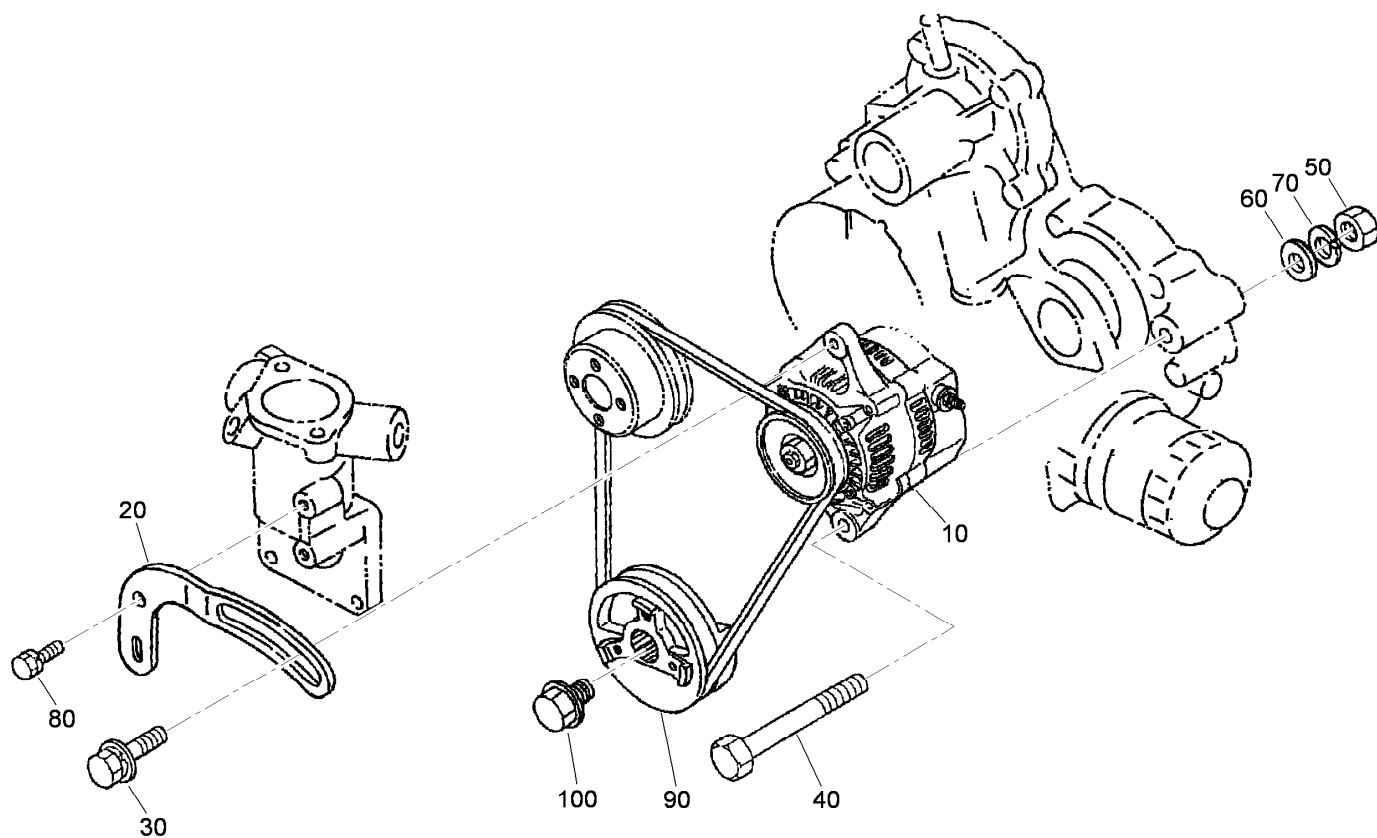
Ref.	Part Number	Qty.	Description
10	105-3737	1	Over Flow Pipe ASM
20	98-9431	1	Screw-Bleeder, Air
30	98-7654	1	Gasket
40	98-9420	1	Overflow Pipe ASM
45	112-0182	1	Pipe-Overflow
50	98-7671	2	Clip-Pipe
60	115-3018	4	Nozzle Holder Kit
70	98-7676	4	Gasket
75	98-7677	4	Seal-Heat
80	98-9653	1	Pipe-Injection

Ref.	Part Number	Qty.	Description
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



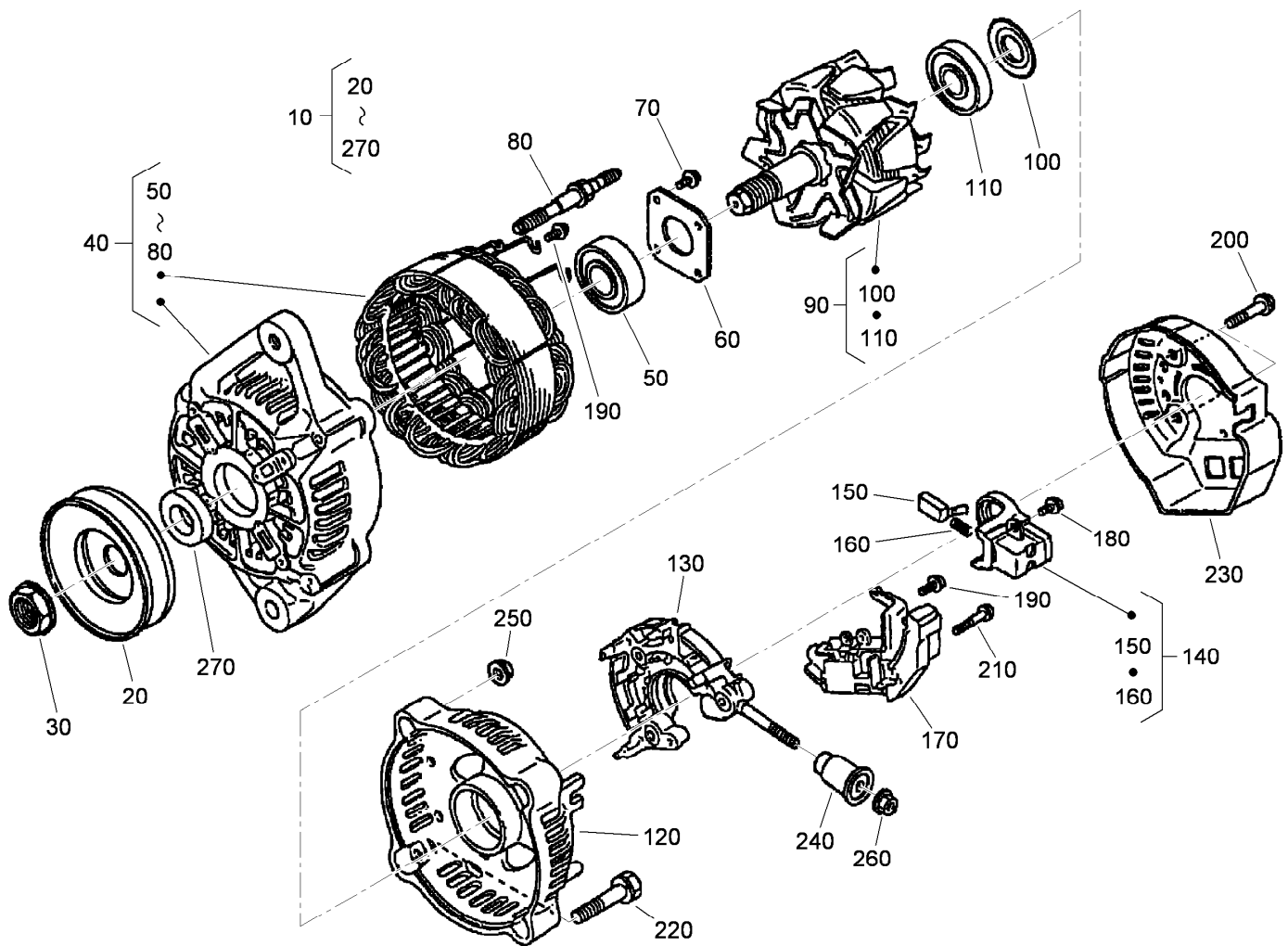
Nozzle Holder Component Assembly

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

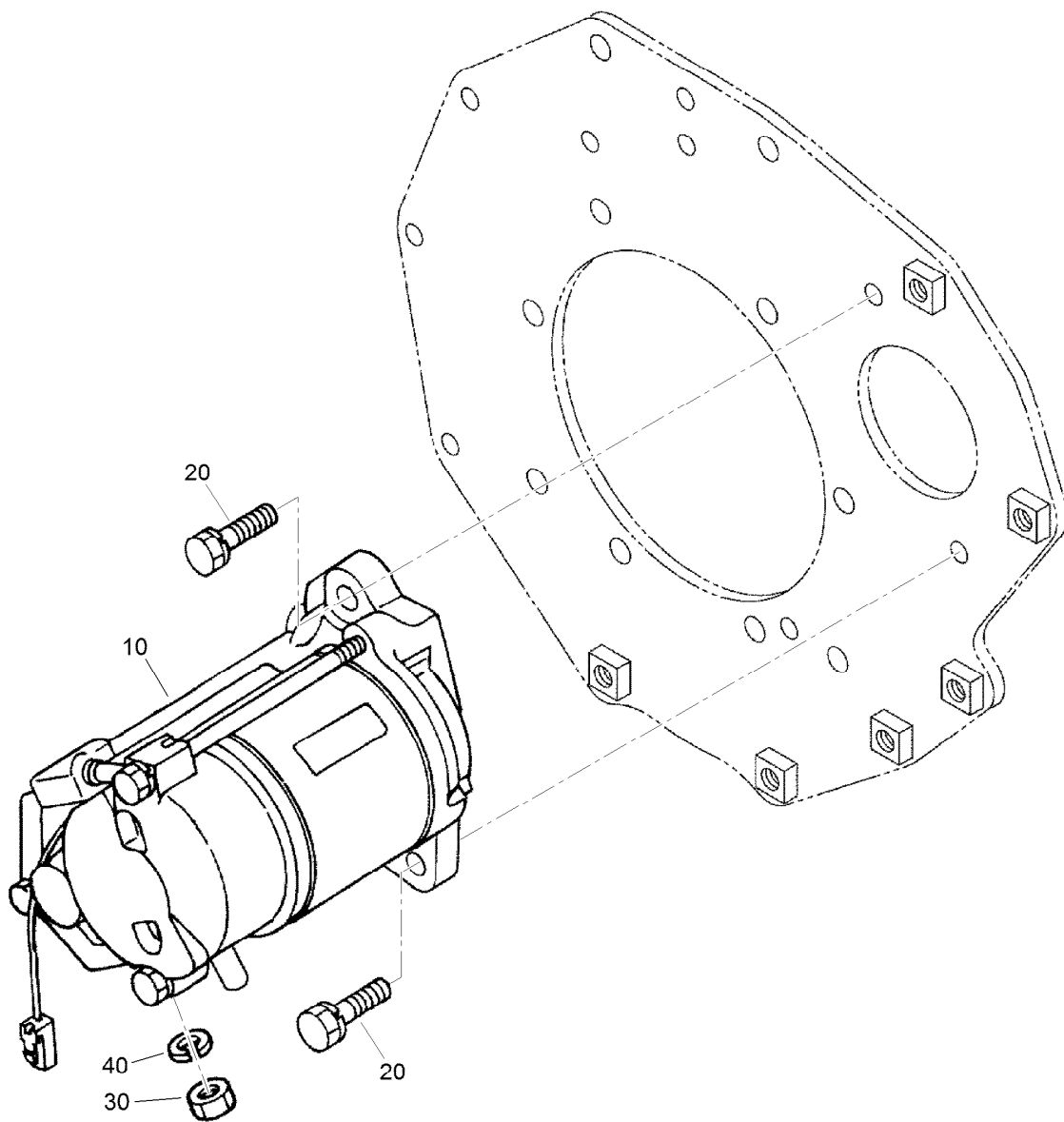
Ref.	Part Number	Qty.	Description
10	117-5541	1	Alternator ASM
20	117-5542	1	Bracket
30	108-7088	1	Bolt
40	98-9360	1	Bolt
50	98-7737	1	Nut
60	98-7696	1	Washer-Plain
70	98-7738	1	Washer-Spring
80	98-7692	1	Bolt
90	105-3745	1	Pulley-Drive, Fan
100	98-9585	1	Bolt



Alternator Components

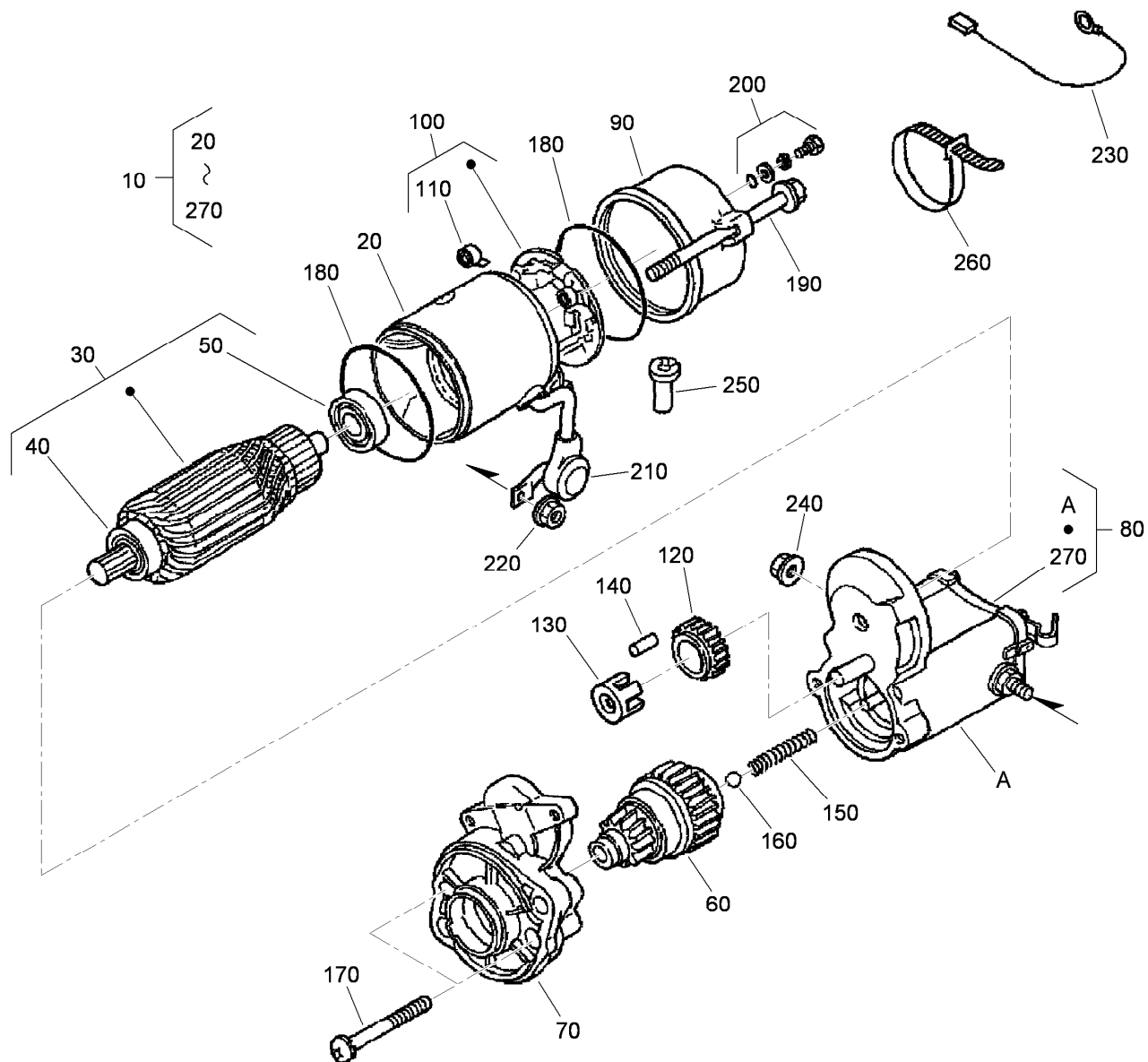
Ref.	Part Number	Qty.	Description
10	117-5541	1	Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	117-0316	1	Drive End Frame ASM
50	107-0137	1	Bearing-Ball
60	98-7715	1	Plate-Retainer
70	98-7716	4	Screw-Head, Round
80	98-7717	2	Bolt-Through
90	117-0317	1	Rotor ASM
100	98-7711	1	Cover-Bearing
110	107-0138	1	Bearing-Ball
120	117-0318	1	Frame-End
130	117-0322	1	Holder
140	107-0141	1	Brush Holder ASM

Ref.	Part Number	Qty.	Description
150	98-7724	2	Brush
160	98-7725	2	Spring-Brush
170	117-0319	1	Regulator ASM
180	98-7728	1	Screw-Head, Round
190	98-7727	6	Screw-Head, Round
200	98-7729	3	Bolt
210	98-7726	2	Screw-Head, Round
220	98-7731	2	Bolt
230	117-0320	1	Cover-End
240	117-0321	1	Insulation-Brush
250	98-7730	2	Nut
260	98-7732	1	Nut
270	98-7709	1	Collar



Starter Assembly

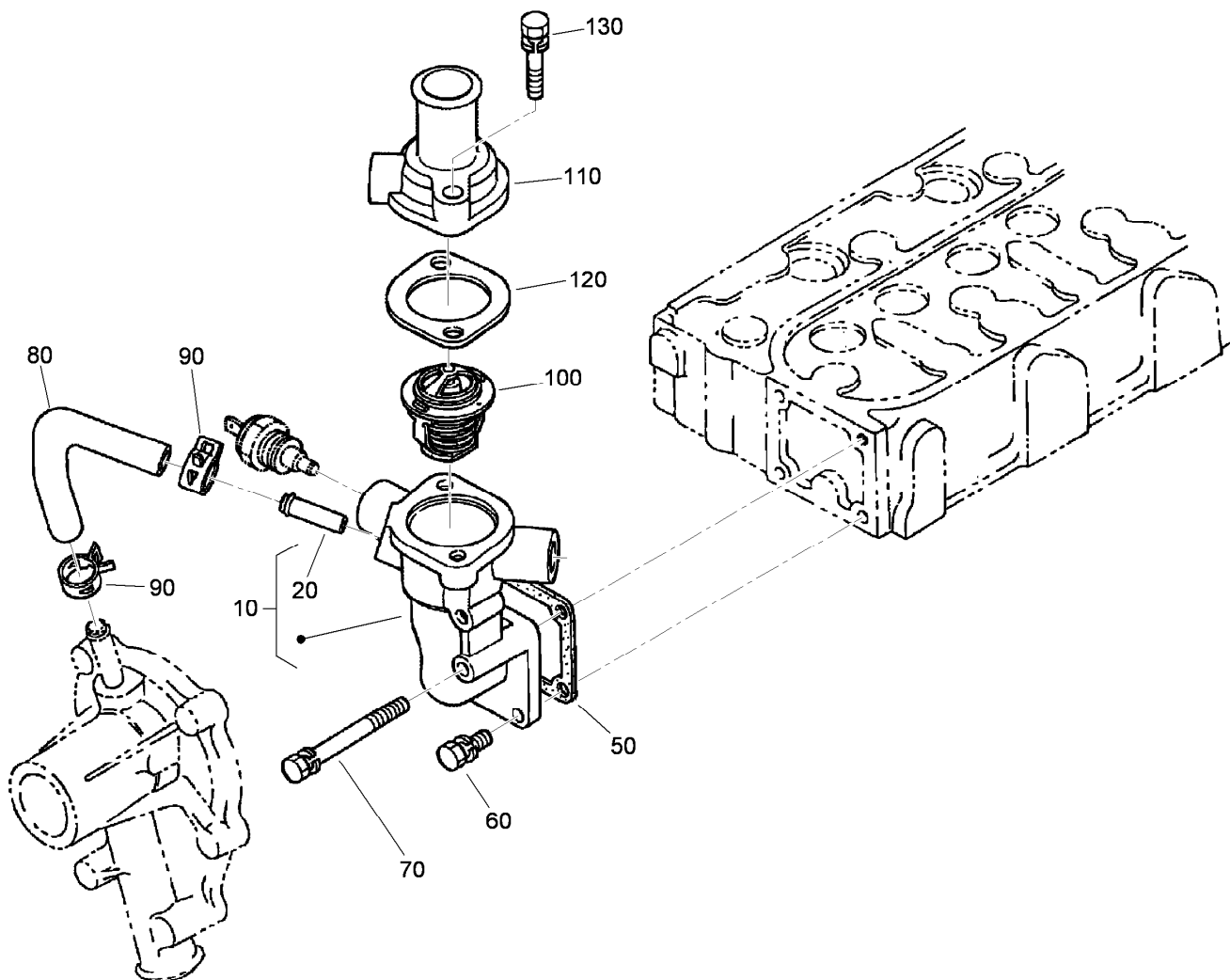
Ref.	Part Number	Qty.	Description
10	98-9705	1	Starter ASM
20	98-7697	2	Bolt
30	98-7739	1	Nut
40	105-2893	1	Washer-Spring



Starter (Component Part) Assembly

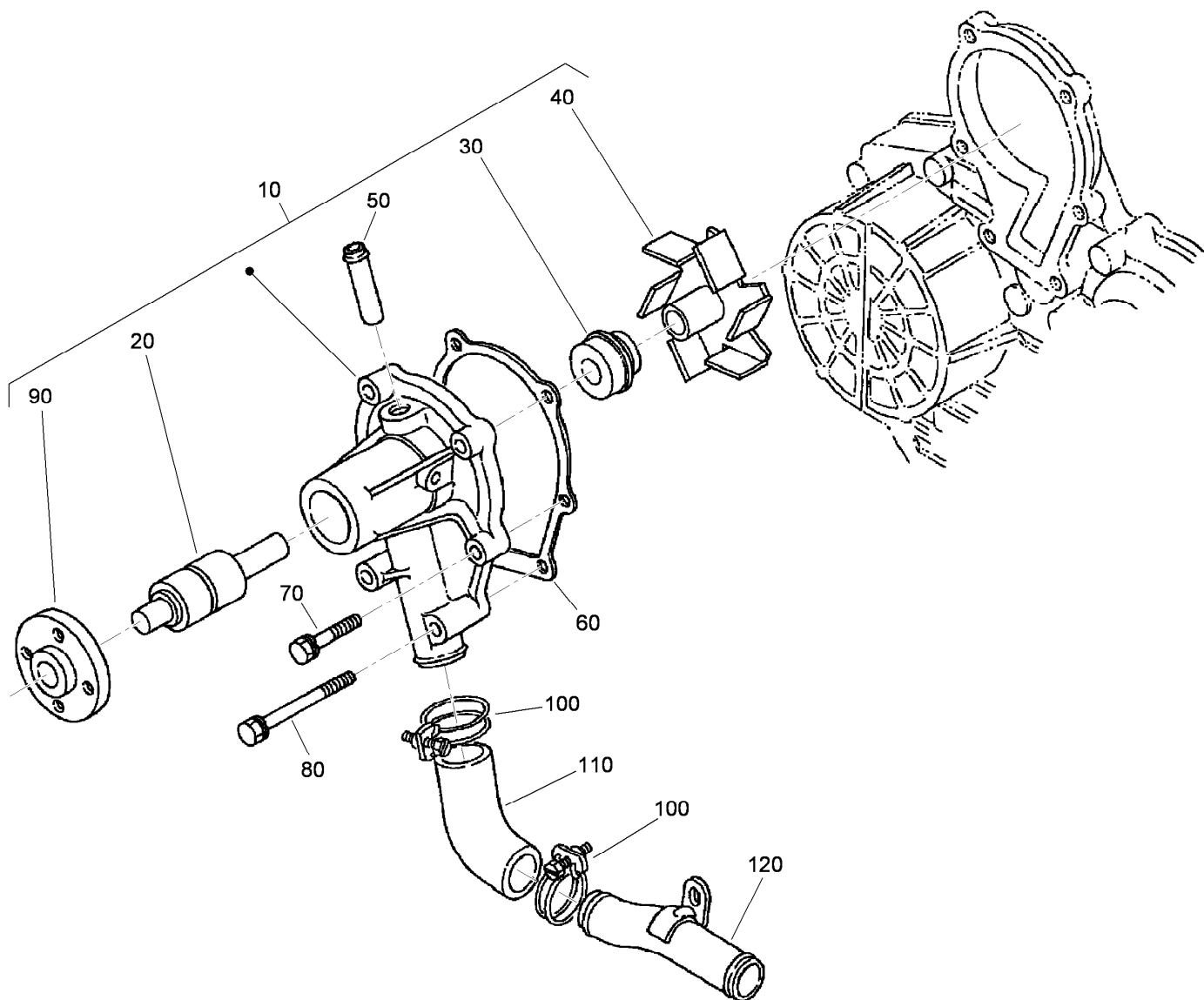
Ref.	Part Number	Qty.	Description
10	98-9705	1	Starter ASM
20	104-8608	1	Yoke ASM
30	98-7742	1	Armature ASM
40	98-7744	1	Bearing
50	98-7743	1	Bearing
60	99-8373	1	Clutch-Running, Over
70	99-8374	1	Frame-End, Drive
80	105-3746	1	Magnetic Switch ASM
90	98-7748	1	Frame-End
100	98-7749	1	Brush Holder ASM
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



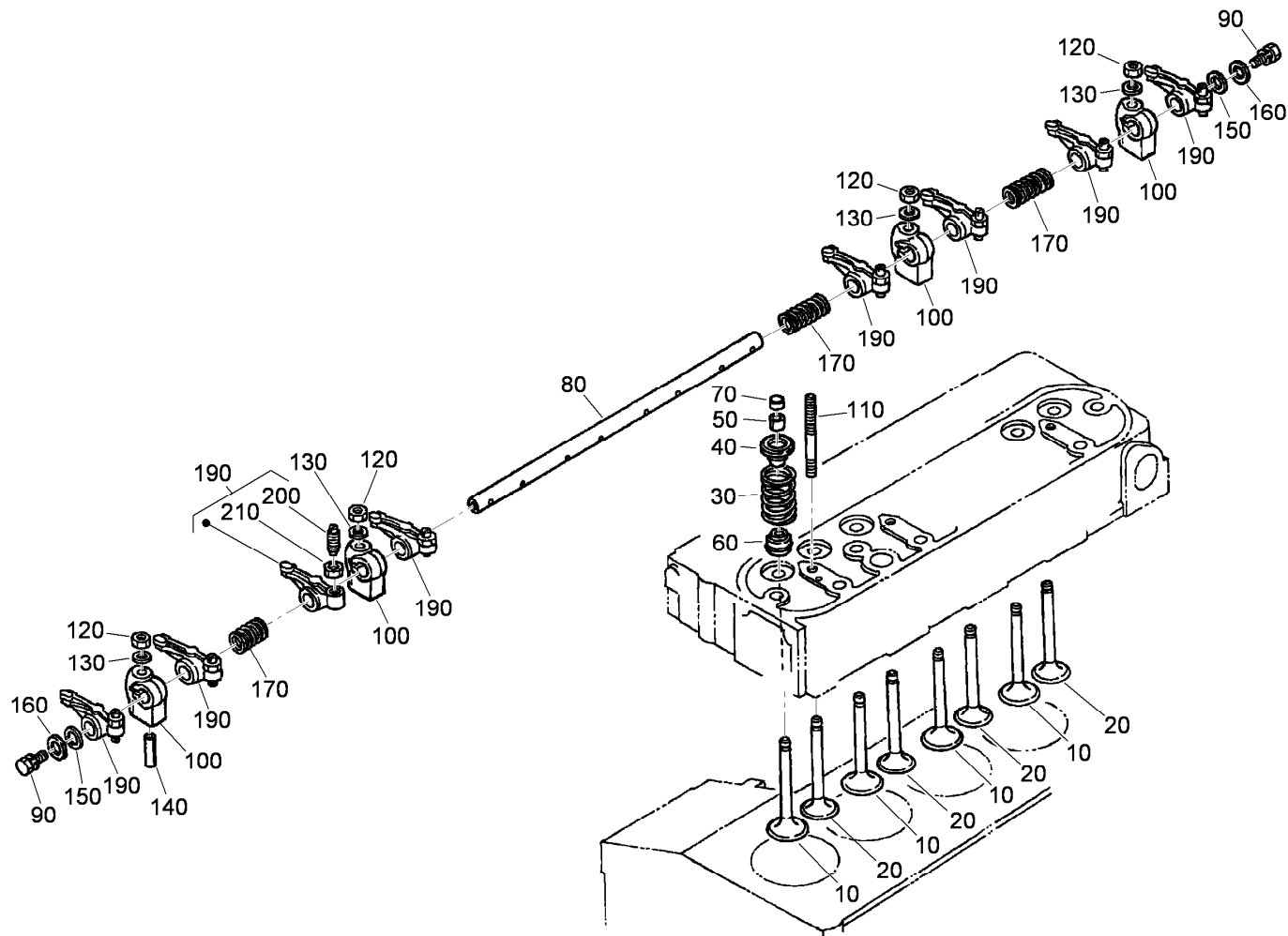
Water Flange Assembly

Ref.	Part Number	Qty.	Description
10	98-9713	1	Water Flange ASM
20	98-9580	1	Pipe-Return, Water
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



Water Pump Assembly

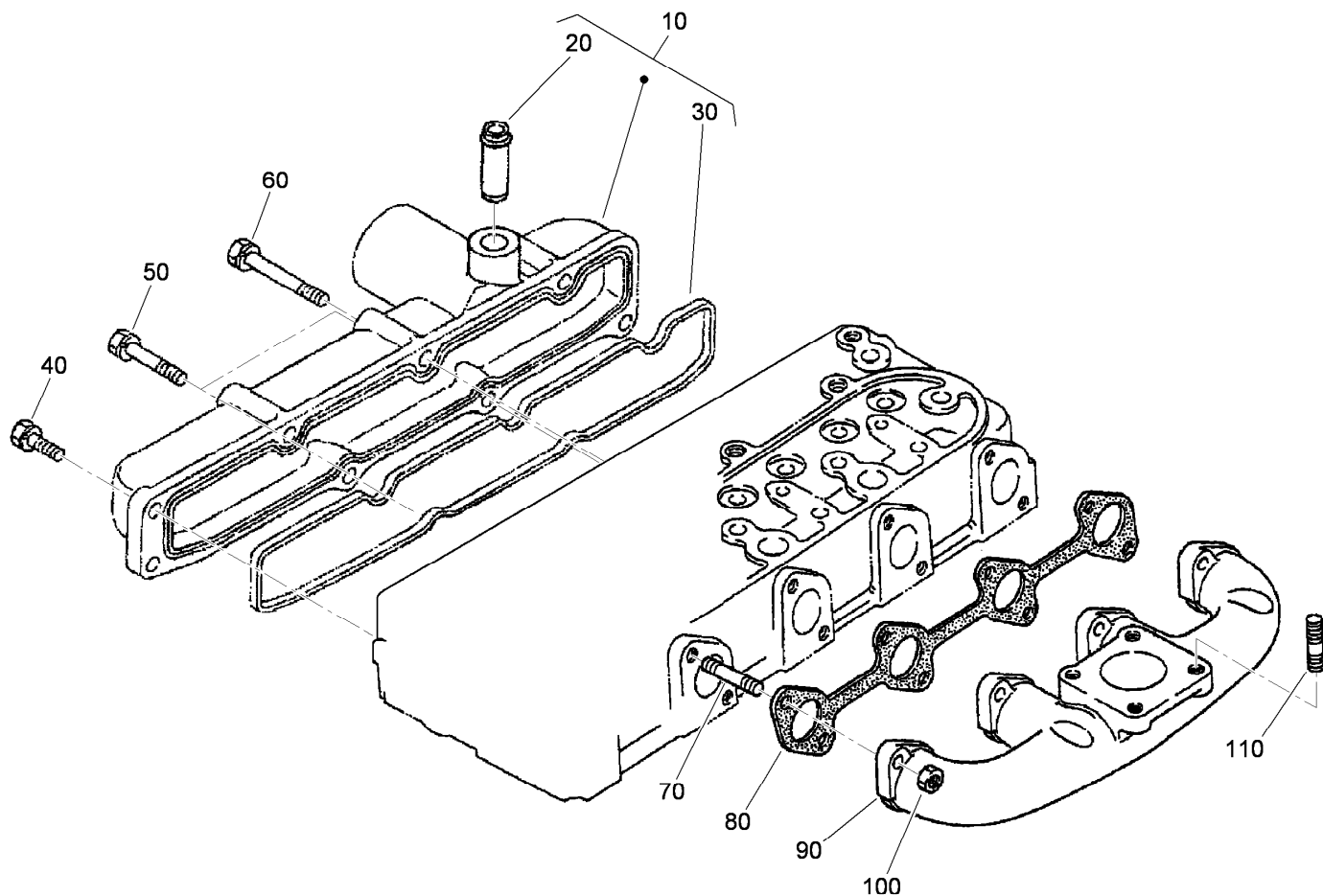
Ref.	Part Number	Qty.	Description
10	107-9089	1	Water Pump ASM
20	99-3517	1	Bearing-Pump, Water
30	105-3750	1	Mechanical Seal ASM
40	112-7017	1	Impeller-Pump, Water
50	100-1932	1	Pipe-Return, Water
60	99-3454	1	Gasket-Pump, Water
70	98-9353	4	Bolt
80	107-9090	2	Bolt
90	99-3516	1	Flange-Pump, Water
100	98-9717	2	Clamp
110	107-9091	1	Pipe-Water
120	98-9716	1	Pipe-Water



Valve and Rocker Arm Assembly

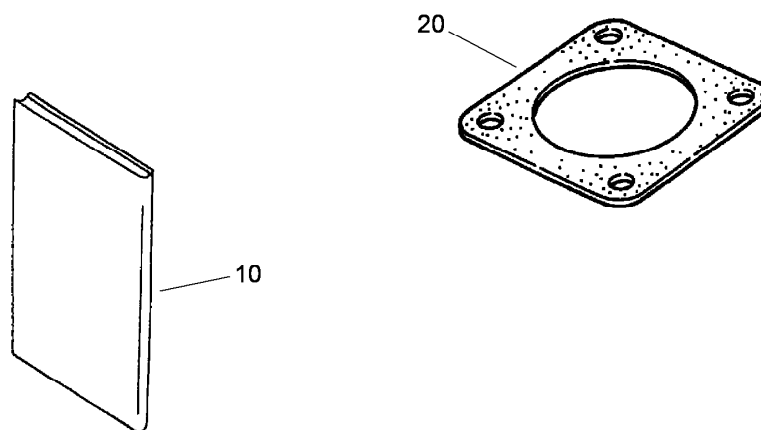
Ref.	Part Number	Qty.	Description
10	120-2563	4	Valve-Inlet
20	120-2564	4	Valve-Exhaust
30	98-9648	8	Spring-Valve
40	107-9092	8	Retainer-Spring
50	117-7572	8	Collet-Spring, Valve
60	99-8385	8	Seal-Stem, Valve
70	98-9497	8	Cap-Valve
80	105-3790	1	R-Arm Shaft ASM
90	100-9265	2	Bolt
100	98-9505	4	Bracket-Arm, Rocker

Ref.	Part Number	Qty.	Description
110	98-9506	4	Stud
120	98-9393	4	Nut
130	98-9385	4	Washer-Flat
140	105-3758	1	Pin-Spring
150	98-9507	2	Washer-Shaft, R-Arm
160	110-3832	2	Washer-Plain
170	98-9504	2	Spring-Arm, Rocker
190	112-7020	8	Rocker Arm ASM
200	98-9502	8	Screw-Adjusting
210	98-9503	8	Nut



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, Inlet
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-Ex-Manifold
90	112-0187	1	Manifold-Exhaust
100	98-9665	8	Nut
110	98-7769	4	Stud



Muffler Gasket and Operator Manual

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	117-8836	1	Manual-Operator, Kubota
20	99-8343	1	Gasket-Muffler

Attachments and Accessories

For 31222N Groundsmaster 360 4-Wheel Drive Multi-Purpose Machine with Cab

Product Name	Model/Part
Green Diesel Cap	107-2172
Premium Transmission/Hydraulic Tractor Fluid (55 Gallon Drum).....	108-1183
Premium Transmission/Hydraulic Tractor Fluid (5 Gallon Pail)	108-1184
5in Air Cleaner Safety Element.....	114-4057
Work Light Kit	114-5610
Electrical Accessory Kit	115-0019
Hourmeter, Wireless Hourmeter System	115-4754
Spark Arrestor	117-3281
Beacon Kit	120-0256
Cloth Backrest Extension Kit.....	120-0567
Auxiliary Power Unit.....	120-6675
Registration Plate Kit	120-6678
Weight Transfer Kit	120-6683
Premium Engine Oil 15w40 (55 Gallon Drum)	121-6394
Premium Engine Oil 15w40 (5 Gallon Pail)	121-6395
400-hour Filter Maintenance Kit.....	30052
72in Base Deck.....	30353
72in Side Discharge Mower (CE).....	30354
V-Plow Mounting Kit.....	30378
72in Side Discharge Deck.....	30481
Quick Attach Front Frame	30509
Road Light Kit (Europe)	30516
Road Light Kit, (North American)	30517
Speed Reduction Kit	30547
Jack Stand Kit.....	30579
48in V-Plow.....	30750
Winter Attachment Joystick Kit	31219
Diagnostic Display Box	85-4750



Count on it.