



**Count on it.**

**Parts Catalog**

**Groundsmaster® 7210 Traction  
Unit with 72in Rotary Mower**

**Model No. 30464TC—Serial No. 311000001 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:** Liquid Propane

**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

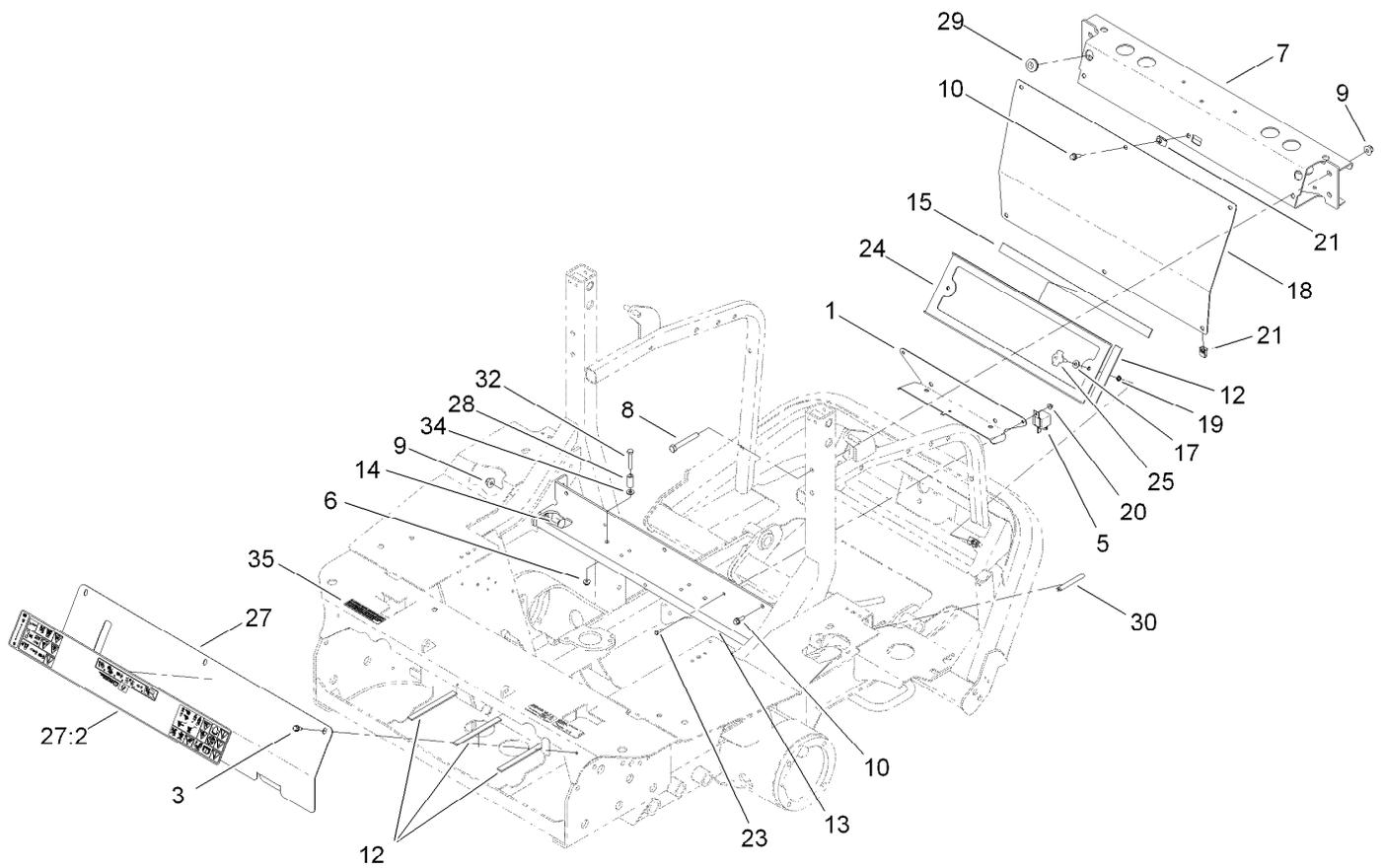
**TAP:** self tapping

**TTH:** torx truss head

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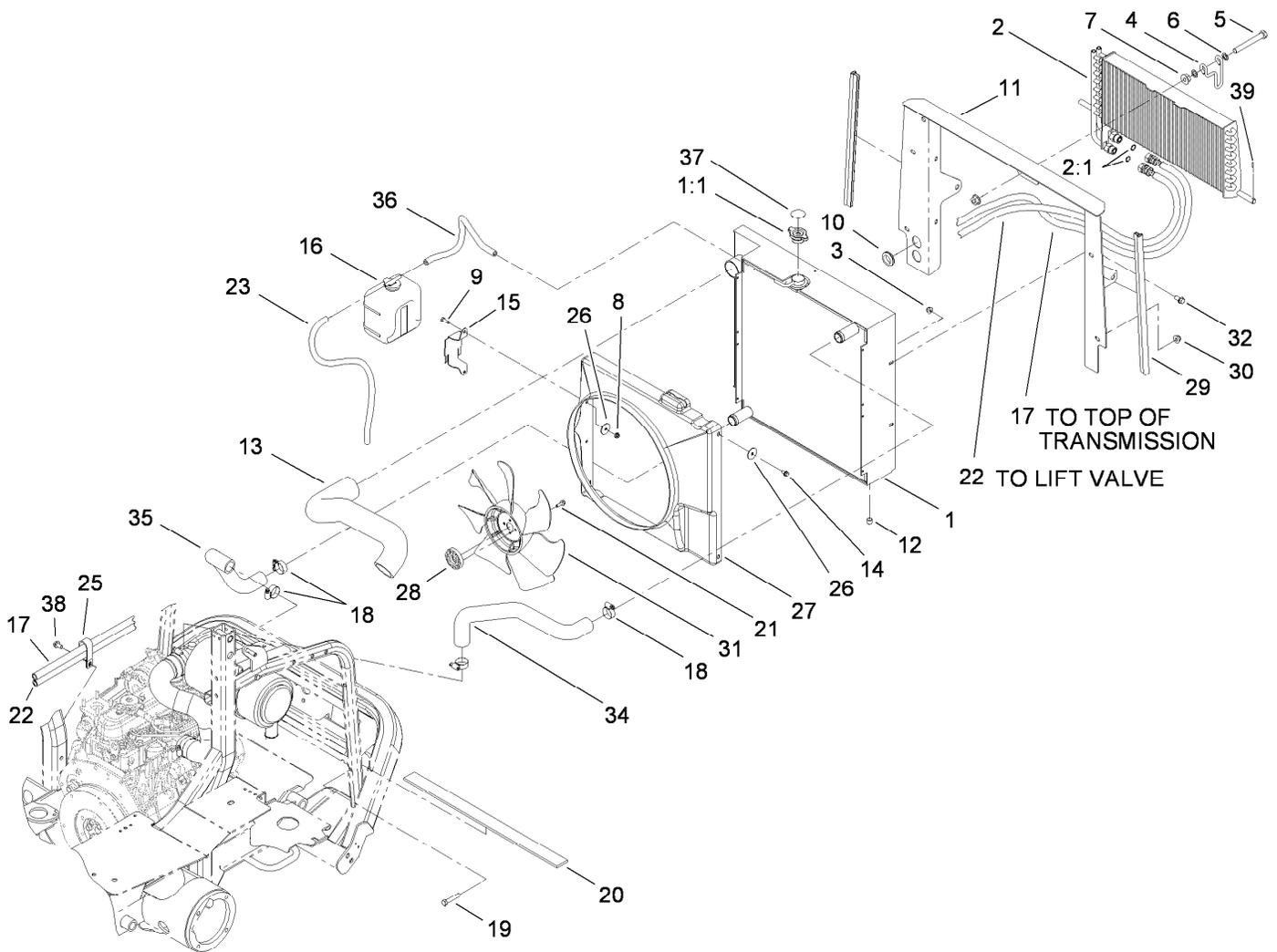
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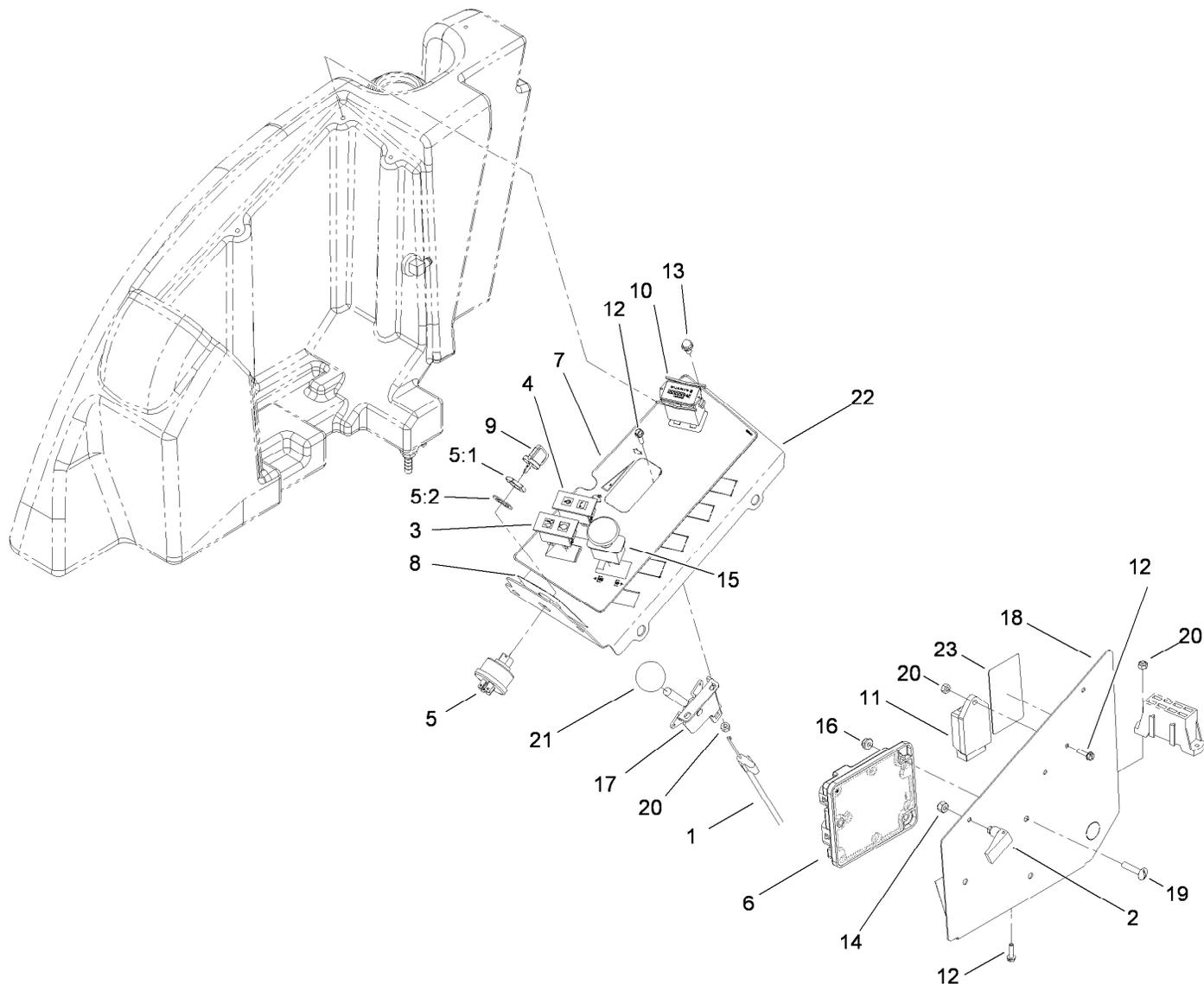
## Frame Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	114-4055-03	1	Bracket-Wire	19	32151-106	2	Ring-Retaining
3	32144-10	3	Screw-HWH	20	3290-148	2	Nut-HF
5	99-7435	1	Relay-Power	21	107069	8	Clip
6	104-7201	2	Nut-HF	23	3290-134	2	Screw
7	112-6361-03	1	Crossmember ASM	24	112-6384-03	1	Screen ASM
8	323-13	4	Screw-HH	25	98-8332	2	Knob
9	104-8301	8	Nut-Flange, NI	27	110-9794	1	Cover-Front
10	3234-4	6	Screw-HHF	27:2	110-9772	1	Decal-Safety
12	120-0017	5	Strip-Foam	28	95-5807	2	Spacer
13	105-7296-03	1	Support-Seat	29	237-124	2	Grommet
14	3231-2	4	Screw-CARR	30	110-8276	1	Trim-Hold Down, Battery
15	120-0019	2	Strip-Foam	32	321-10	2	Screw-HH
17	3256-22	2	Washer-Flat	34	3256-22	2	Washer-Flat
18	112-6367-03	1	Panel-Rear	35	117-2718	1	Decal-Arrester, Spark



## Radiator Assembly

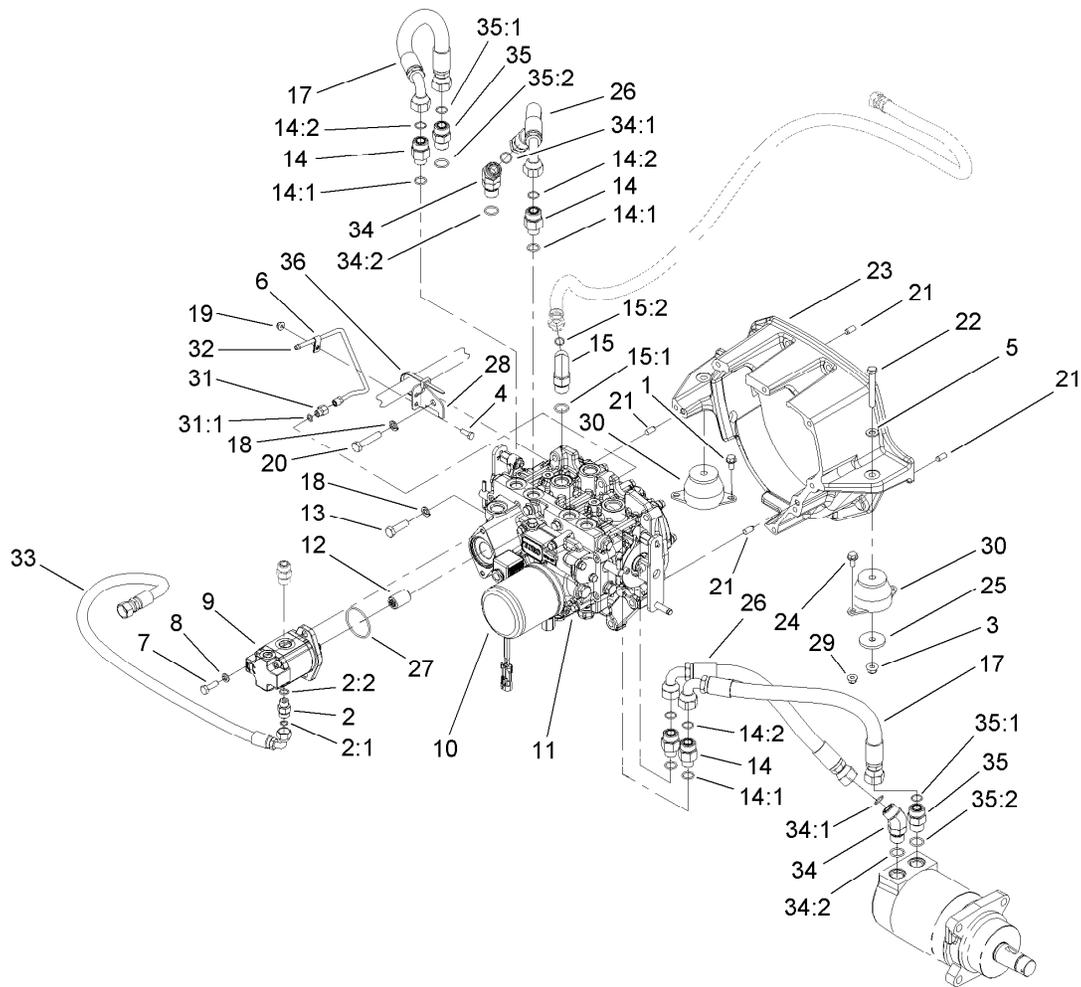
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	117-5135	1	Radiator	19	323-10	4	Screw-HH
1:1	117-5138	1	Cap-Radiator	20	108-9935	1	Strip-Foam
2	112-1684	1	Cooler-Oil	21	33103-020	4	Screw-HHF
2:1	237-30	2	O-Ring	22	110-5543	1	HYD Hose ASM
3	104-8300	4	Nut-Flange, NI	23	108-3284	1	Hose-Fuel
4	104-5429	1	Clamp-Form, Wire	25	2412-137	1	Clamp-R, Double
5	325-17	1	Screw-HH	26	3256-55	6	Washer-Flat
6	41-8440	2	Washer	27	117-9232	1	Shroud-Fan
7	32128-49	2	Nut-HHF	28	108-2872	1	Collar-Fan
8	104-7201	2	Nut-HF	29	107-2269	2	Seal-Bulb
9	321-4	2	Screw-HH	30	104-8301	4	Nut-Flange, NI
10	240-5	2	Grommet	31	104-4246	1	Fan-Engine
11	110-8277-03	1	Frame-Radiator	32	3234-5	4	Screw-HHF
12	99-8551	1	Plug-Pipe	34	105-7282	1	Hose-Radiator, Upper
13	105-7281	1	Hose-Air Inlet, Upper	35	105-7283	1	Hose-Radiator, Lower
14	32104-116	4	Screw	36	109-0274	1	Hose-Fuel
15	108-9930-03	1	Bracket-Bottle	37	106-6755	1	Decal-Cap, Radiator
16	108-0638	1	Bottle-Overflow	38	32144-14	1	Screw-HWHTF
17	110-5542	1	HYD Hose ASM	39	32121-107	1	Pin-Roll, Slotted
18	2412-34	4	Clamp-Hose				



## Control Panel Assembly

Ref.	Part Number	Qty.	Description
1	110-5548	1	Cable-Throttle
2	74-5950	2	Latch-Swell
3	100-8071	1	Lamp-Warning
4	100-8070	1	Lamp-Warning
5	104-2541	1	Switch ASM
5:1	218-461	1	Nut-HH
5:2	3254-5	1	Washer-Tooth, Internal
6	106-9277	1	Module-Control, Standard
7	110-8253	1	Decal-Panel, Control
8	110-8254	1	Decal-Start, Control Panel
9	63-8360	2	Key-Ignition
10	1-513374	1	Meter-Hour
11	107-9097	1	Controller-Glow

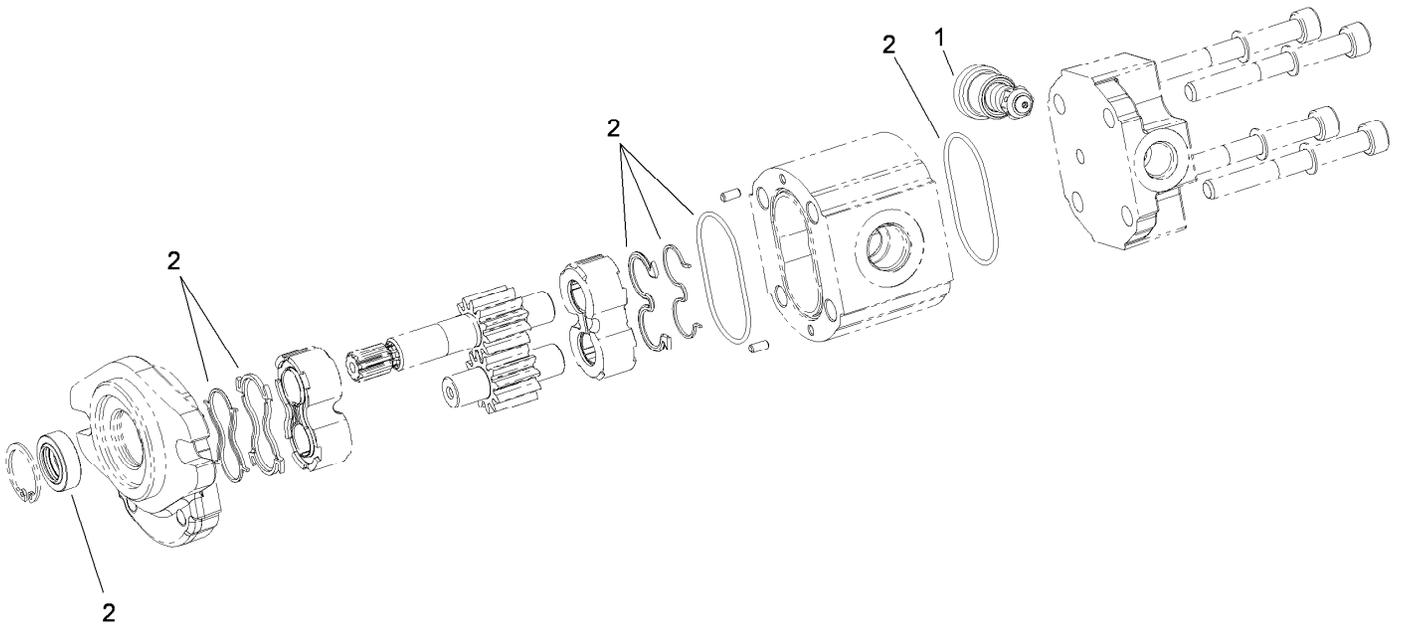
Ref.	Part Number	Qty.	Description
12	32105-13	5	Screw-HWH
13	3234-13	5	Screw-HHF
14	1-804254	2	Nut-Lock, HH
15	93-9999	1	Switch-PTO
16	104-7201	3	Nut-HF
17	110-5547	1	Control Lever ASM
18	110-8257-03	1	Cover-Panel, Control
19	3258-19	3	Screw
20	3296-2	5	Nut-Lock, NI
21	233-42	1	Knob
22	110-8256-03	1	Panel-Control
23	110-9796	1	Decal-Block, Fuse



## Transmission Assembly

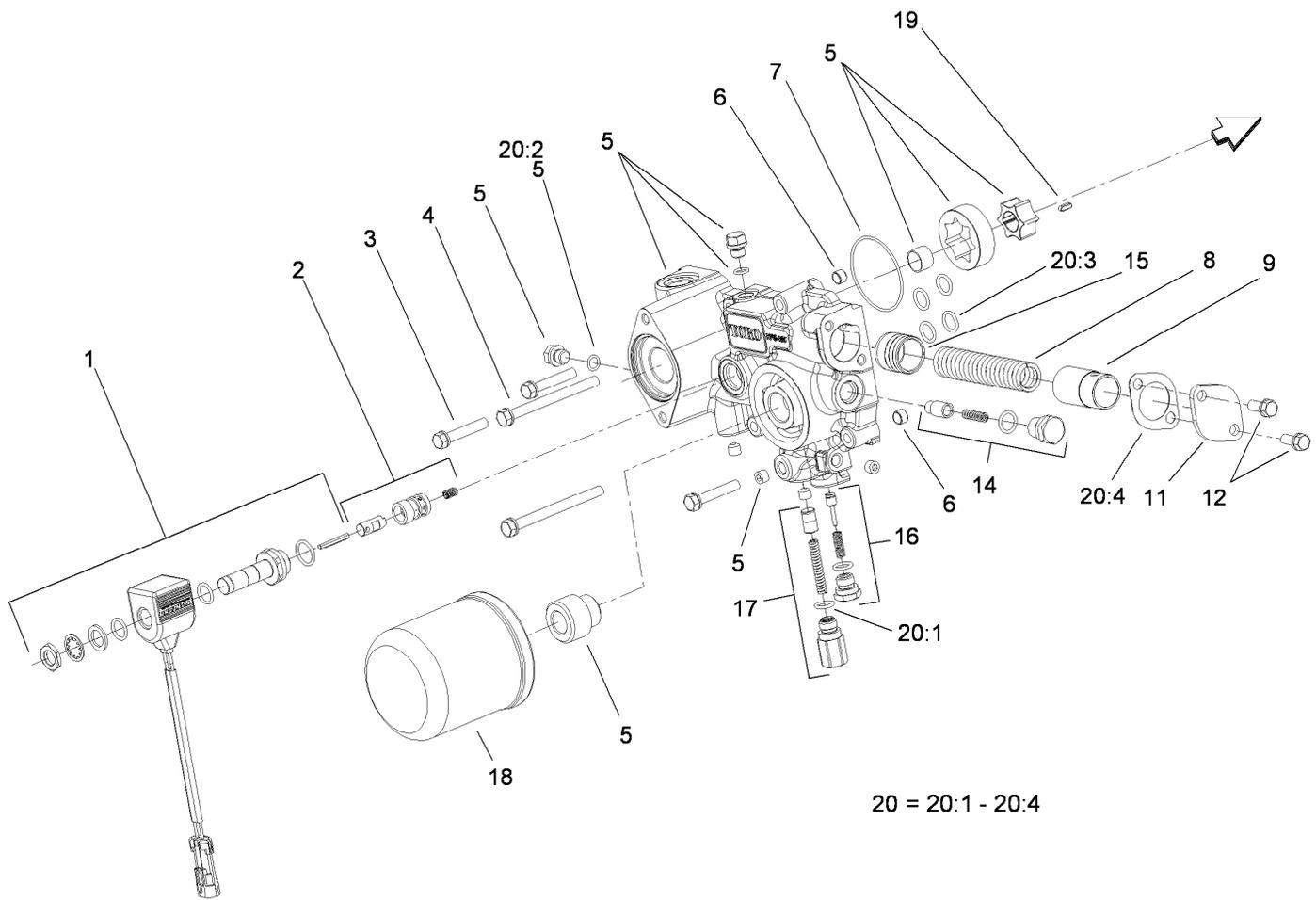
Ref.	Part Number	Qty.	Description
1	32144-14	2	Screw-HWHTF
2	340-2	1	Fitting-HYD, Straight
2:1	237-22	1	O-Ring
2:2	237-42	1	O-Ring
3	104-8301	2	Nut-Flange, NI
4	321-4	1	Screw-HH
5	3256-24	2	Washer-Flat
6	2412-72	1	Clip-Closed, Insulated
7	33114-025	2	Screw-HH
8	3253-4	2	Washer-Lock
9	112-9542	1	Gear Pump Assembly
10	108-5194	1	Filter-Oil, HYD
11	107-0801	1	Transmission ASM
12	108-9920	1	Coupler-Spline, 9T
13	33115-035	1	Screw-HH
14	340-155	4	Fitting-HYD, Straight
14:1	237-79	1	O-Ring
14:2	237-151	1	O-Ring
15	340-105	1	Fitting-HYD, 90 DEG
15:1	237-80	1	O-Ring
15:2	237-30	1	O-Ring
17	112-1683	2	Hose ASM
18	48-9590	7	Washer-Lock

Ref.	Part Number	Qty.	Description
19	104-7201	1	Nut-HF
20	33115-050	6	Screw-HH
21	87-1910	4	Pin-Dowel
22	323-13	2	Screw-HH
23	108-5193	1	Housing-Flywheel
24	3234-17	2	Screw-HHF
25	80-8560	2	Washer-Hardened
26	110-5518	2	Hose ASM
27	108-9919	1	O-Ring
28	110-5534	1	Support-Tube
29	104-8300	2	Nut-Flange, NI
30	107-2289	2	Mount-Motor
31	110-5536	1	Fitting-HYD, Adapter
31:1	237-78	1	O-Ring
32	110-5537	1	Tube ASM
33	94-5961	1	Hose ASM
34	340-14	2	Fitting-HYD, 45 DEG
34:1	237-65	1	O-Ring
34:2	237-80	1	O-Ring
35	340-7	2	Adapter
35:1	237-65	1	O-Ring
35:2	237-80	1	O-Ring
36	3290-378	1	Tie-Cable



## Hydraulic Gear Pump Assembly No. 112-9542

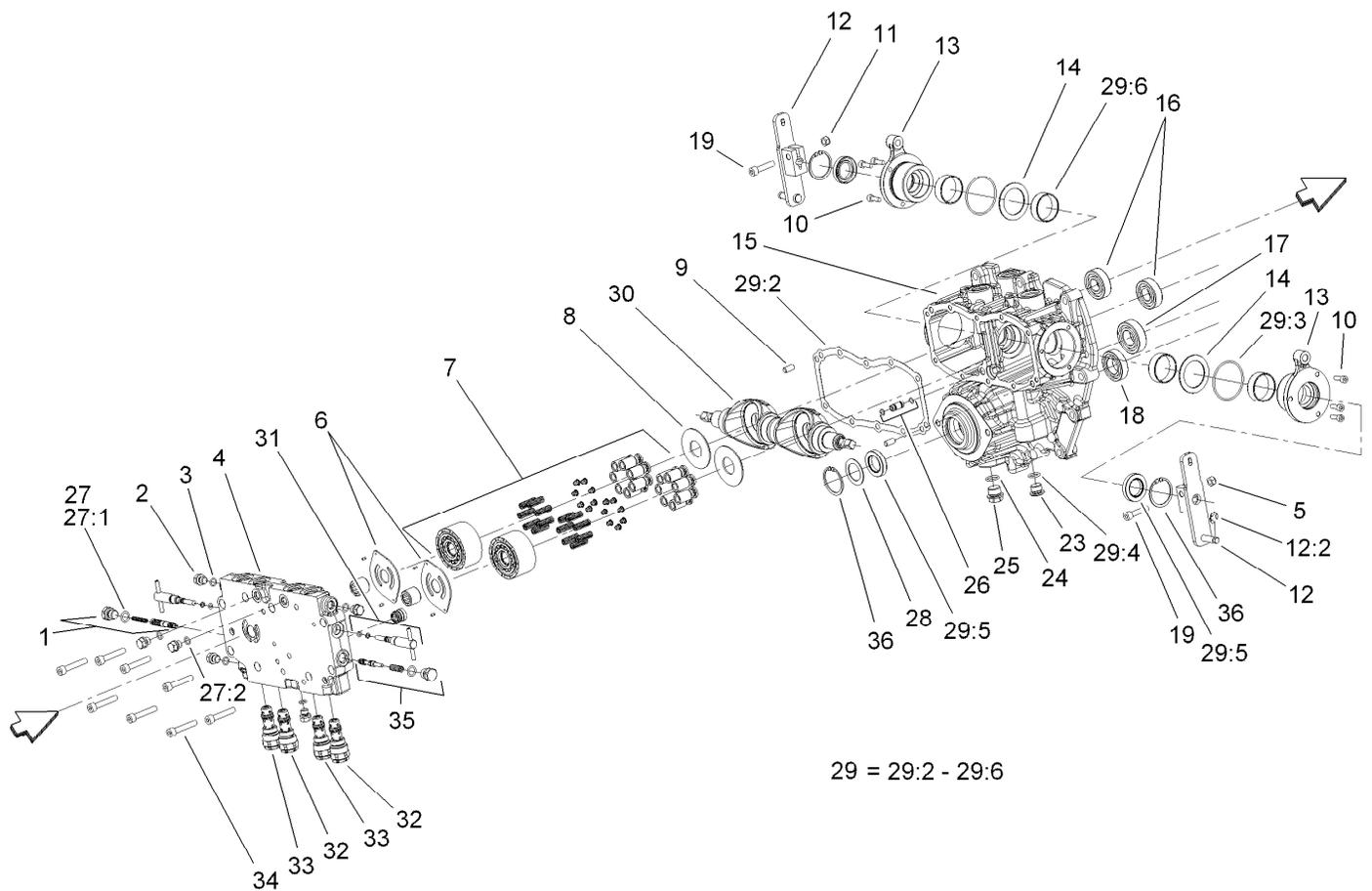
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	112-0198	1	Valve
2	112-0199	1	Seal Kit



20 = 20:1 - 20:4

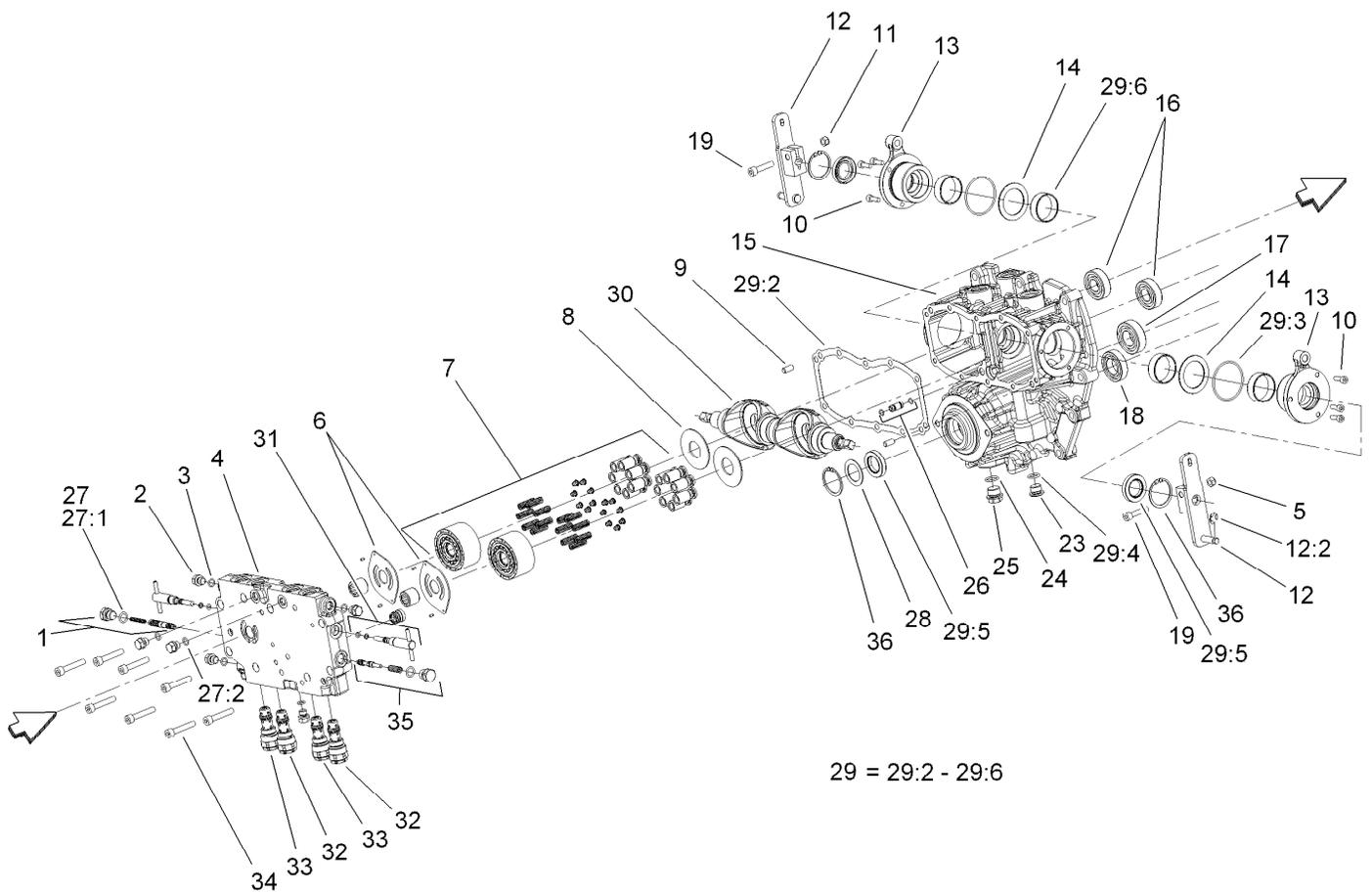
## Charge Pump Housing Assembly Transmission Assembly No. 107-0801

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	107-0851	1	Solenoid ASM	14	107-0843	1	Filter Bypass Valve ASM
2	107-0850	1	Solenoid Valve ASM	15	107-0818	1	Piston
3	107-0863	3	Bolt	16	107-0842	1	Charge Relief Valve ASM
4	107-0864	2	Bolt	17	107-0841	1	Pressure Valve ASM
5	107-0840	1	Pump Body ASM	18	108-5194	1	Filter-Oil, HYD
6	107-0848	2	Pin	19	107-0865	1	Key
7	107-0856	1	O-Ring	20	107-0855	1	Charge Pump Seal Kit
8	107-0845	1	Spring	20:1	93-0418	2	O-Ring
9	107-0844	1	Collar	20:2	107-0817	2	O Ring-Plug
11	107-0846	1	Cover	20:3	104-3298	6	Packing
12	93-0457	2	Bolt And Washer ASM	20:4	107-0847	1	Gasket



## Center Section Assembly Transmission Assembly No. 107-0801

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	107-0807	1	Valve-Flushing, RH	19	107-0860	2	Bolt
2	107-0857	6	Plug	23	107-0861	1	Plug-NPTF
3	107-0817	6	O Ring-Plug	24	107-0862	1	O-Ring
4	107-0802	1	Case-Center	25	107-0867	1	Plug
5	107-0858	1	U-Nut	26	107-0812	1	Pipe
6	107-0805	2	Plate-Valve	27	107-0852	1	Center Case Seal Kit
7	107-0824	2	Cylinder Block ASM	27:1	93-0418	2	O-Ring
8	107-0830	2	Plate-Thrust	27:2	107-0817	6	O Ring-Plug
9	92-0765	4	Pin-Parallel	28	107-0813	1	Spacer
10	107-0859	6	Bolt	29	107-0853	1	Pump Housing Seal Kit
11	107-0858	2	U-Nut	29:2	107-0810	1	Gasket-Case, Center
12	120-0008	2	Control Arm Kit	29:3	107-0817	2	O Ring-Plug
12:2	32151-47	1	Ring-Retaining	29:4	104-3298	1	Packing
13	107-0832	2	Side Cover ASM	29:5	107-0814	3	Seal
14	107-0829	2	Washer	29:6	107-0825	4	Ring-Seal
15	107-0809	1	Housing-Pump	30	107-0828	2	Plate-Swash
16	107-0826	2	Bearing	31	107-0808	2	Valve-Bypass
17	107-0821	1	Bearing	32	107-0804	2	Valve-Rear
18	107-0838	1	Bearing	33	107-0803	2	Valve-Front

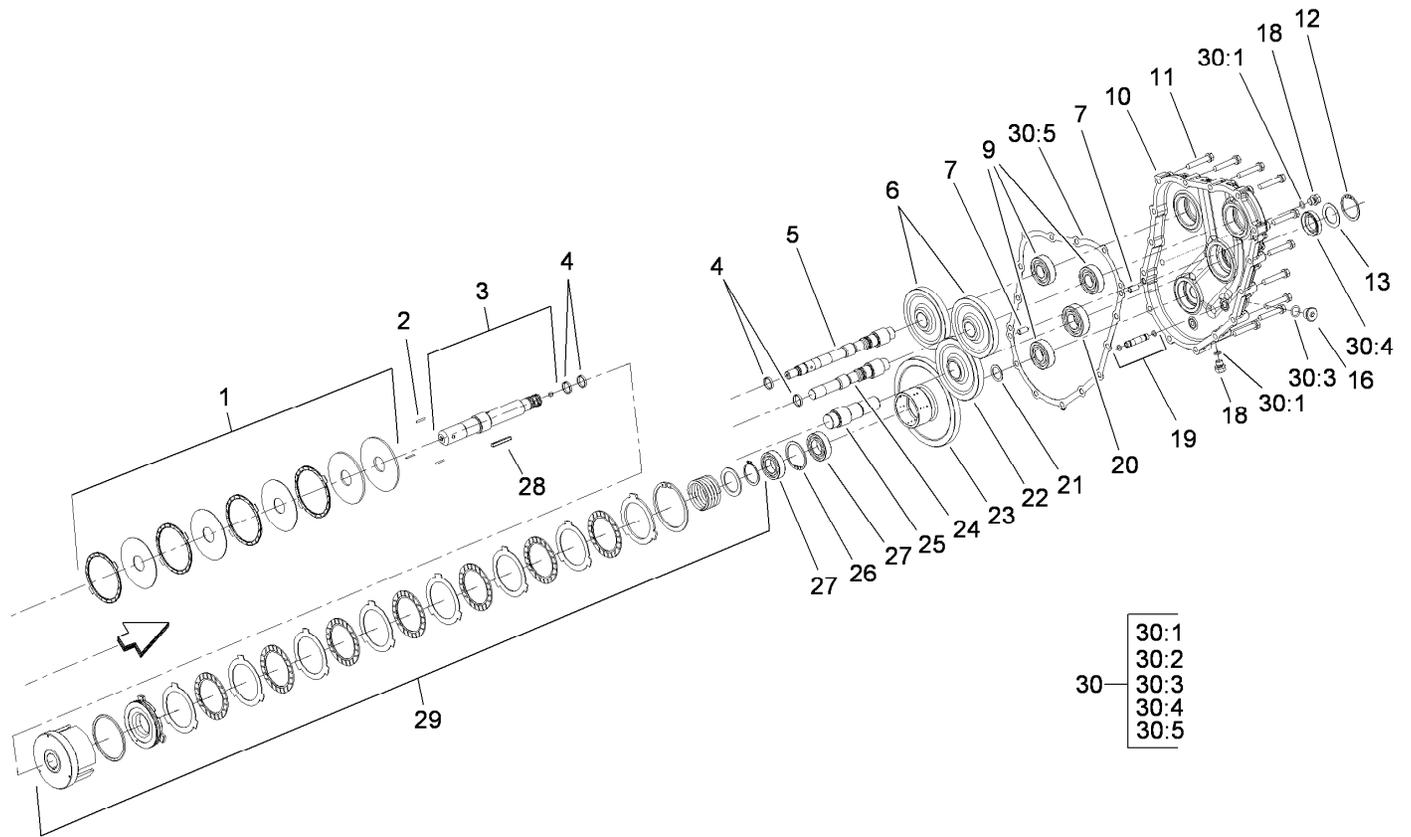


29 = 29:2 - 29:6

## Center Section Assembly Transmission Assembly No. 107-0801 (continued)

Ref.	Part Number	Qty.	Description
34	107-0863	8	Bolt

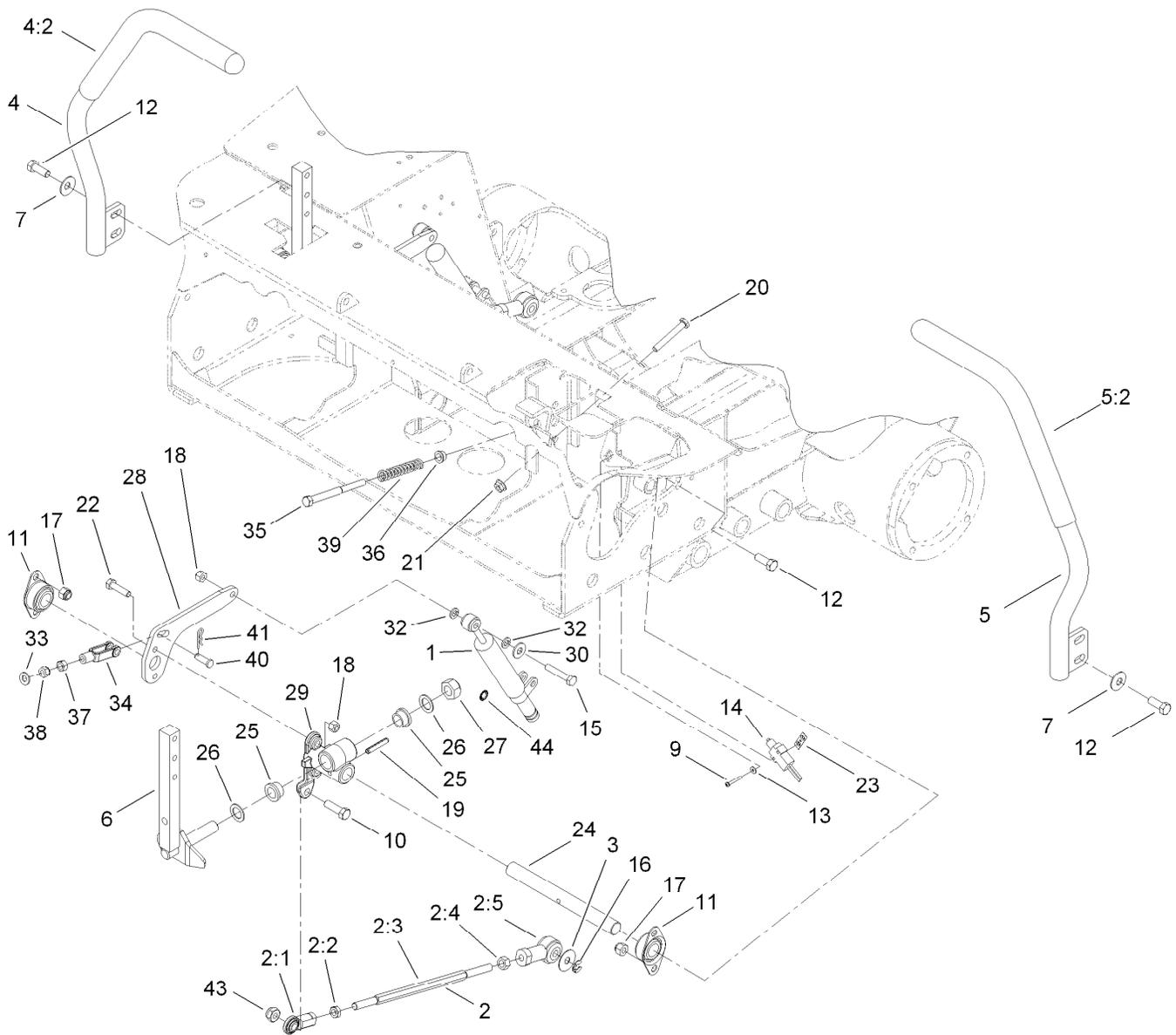
Ref.	Part Number	Qty.	Description
35	107-0806	1	Valve-Flushing, LH
36	92-0757	2	Ring-Snap



## Gear Case and Clutch Assembly Transmission Assembly No. 107-0801

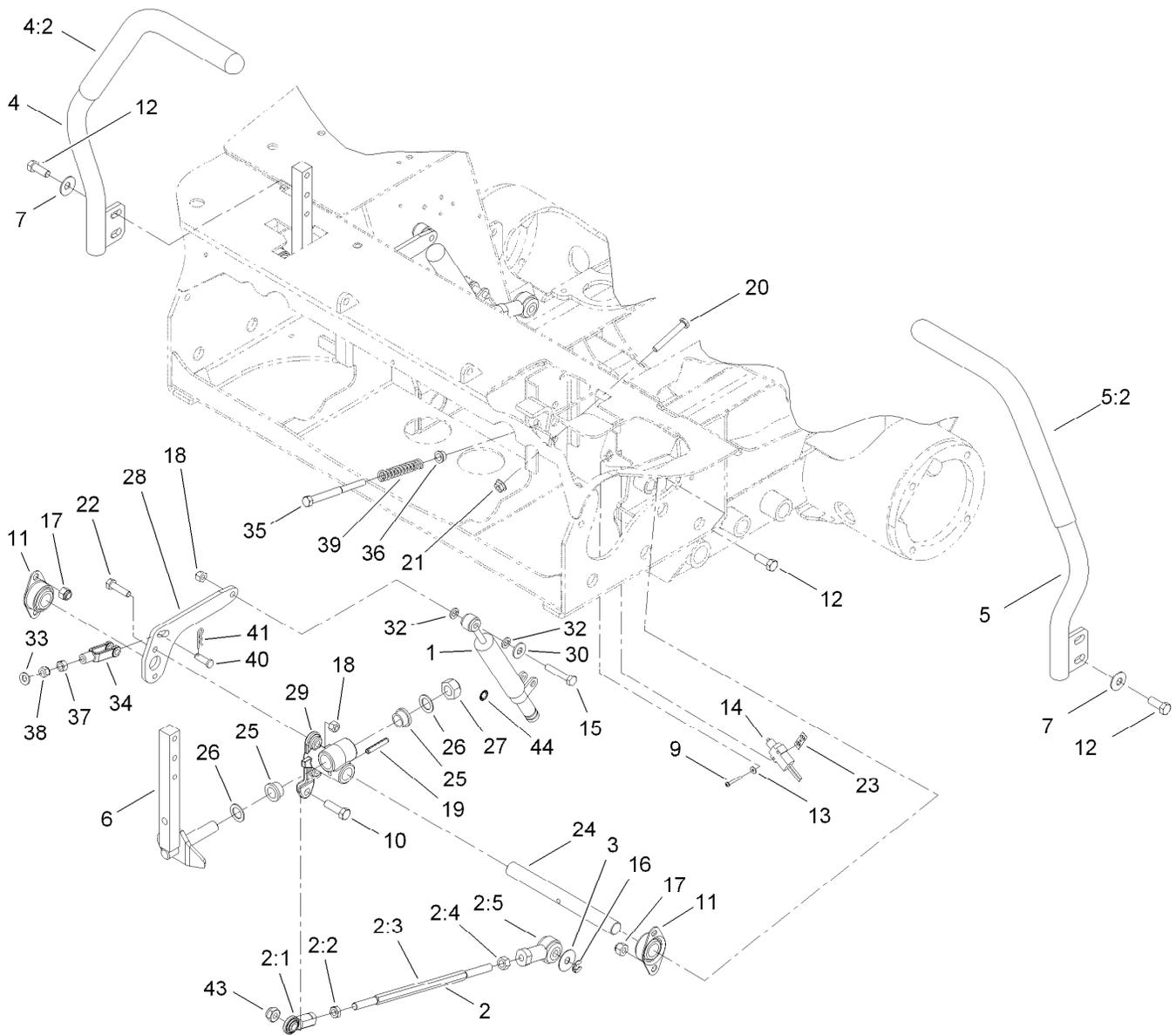
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	107-0839	1	PTO Brake ASM	21	107-0836	1	Spacer
2	107-0837	3	Rod-Push	22	107-0820	1	Gear-Input
3	107-0833	1	PTO Shaft ASM	23	107-0834	1	Gear-PTO
4	107-0825	2	Ring-Seal	24	107-0822	1	Shaft-Pump
5	107-0827	1	Shaft-Pump	25	107-0819	1	Shaft-Input
6	107-0823	2	Gear-Pump	26	92-0758	1	Ring-Snap
7	92-0765	4	Pin-Parallel	27	107-0838	3	Bearing
9	107-0826	4	Bearing	28	107-0866	1	Key
10	107-0815	1	Housing-Gear Case	29	107-0835	1	Clutch Cylinder ASM
11	107-0863	13	Bolt	30	107-0854	1	Gear Housing Seal Kit
12	92-0757	1	Ring-Snap	30:1	107-0817	2	O Ring-Plug
13	107-0813	1	Spacer	30:2		2	O-Ring ●
16	107-0861	1	Plug-NPTF	30:3	104-3298	1	Packing
18	107-0857	6	Plug	30:4	107-0814	1	Seal
19	107-0811	1	Pipe	30:5	107-0816	1	Gasket-Housing, Gear
20	107-0821	2	Bearing				

● Not serviced separately



## Traction Control Assembly

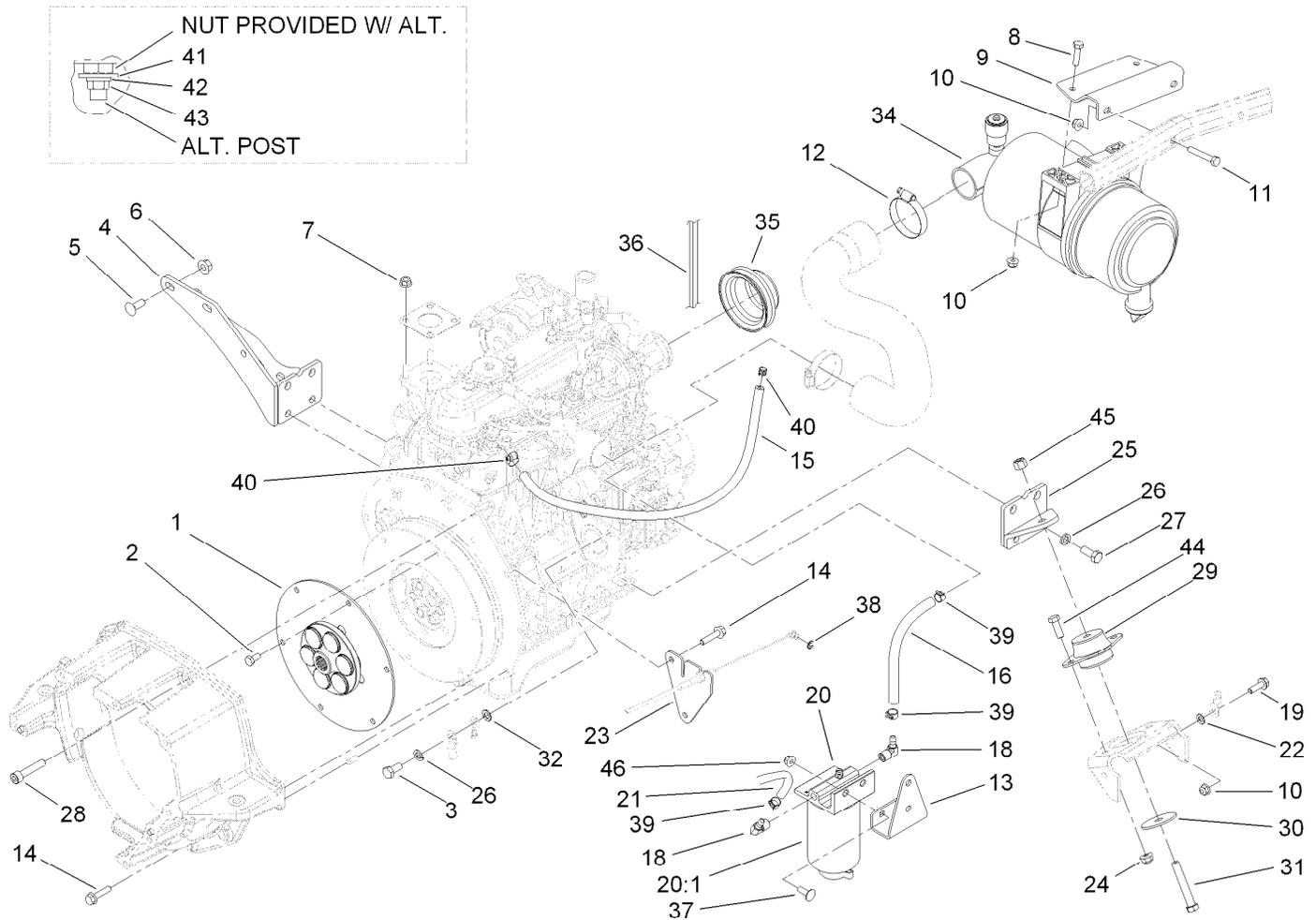
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	105-7280	2	Damper	16	32151-47	2	Ring-Retaining
2	112-5099	2	Link ASM	17	3296-39	8	Nut-Lock, NI
2:1	103-1167	1	Joint-Ball End, LH	18	3296-29	6	Nut-Lock, NI
2:2	3219-20	1	Nut-Hex, LH	19	32121-15	2	Pin-Roll
2:3	105-7239	1	Rod-Threaded	20	9114524	2	Bolt-TAP, HH
2:4	3219-3	1	Nut-Hex	21	32128-26	2	Nut-Flange
2:5	105-7199	1	Rod End-Isolated	22	322-6	4	Screw-HH
3	105-6814	2	Washer-Plain	23	108-9824	2	Nut-Switch
4	108-5208	1	RH Lever And Grip ASM	24	108-9830	2	Shaft-Pivot
4:2	108-5213	1	Grip-Foam	25	105-3455	4	Bushing
5	108-5209	1	LH Lever And Grip ASM	26	105-3481	4	Washer-Thrust
5:2	108-5213	1	Grip-Foam	27	32152-6	2	Nut-Lock, Cone
6	108-9833-03	2	Lever ASM	28	108-9829-03	2	Lever-Damper
7	3290-461	4	Washer-Spring	29	108-9831	2	Hub-Control
9	3250-35	4	Screw-PPH	30	3256-3	2	Washer-Flat
10	323-7	2	Screw-HH	32	3253-4	4	Washer-Lock
11	1-633102	4	Bearing-Flange, Side	33	3256-23	2	Washer-Flat
12	323-6	12	Screw-HH	34	1-303105	2	Yoke-Adjustable
13	3256-53	4	Washer-Flat, #6	35	1-603737	2	Bolt-Return, Neutral
14	99-3410	2	Switch	36	1-603735	2	Bushing-Flanged
15	322-9	2	Screw-HH	37	3219-2	2	Nut-Hex



## Traction Control Assembly (continued)

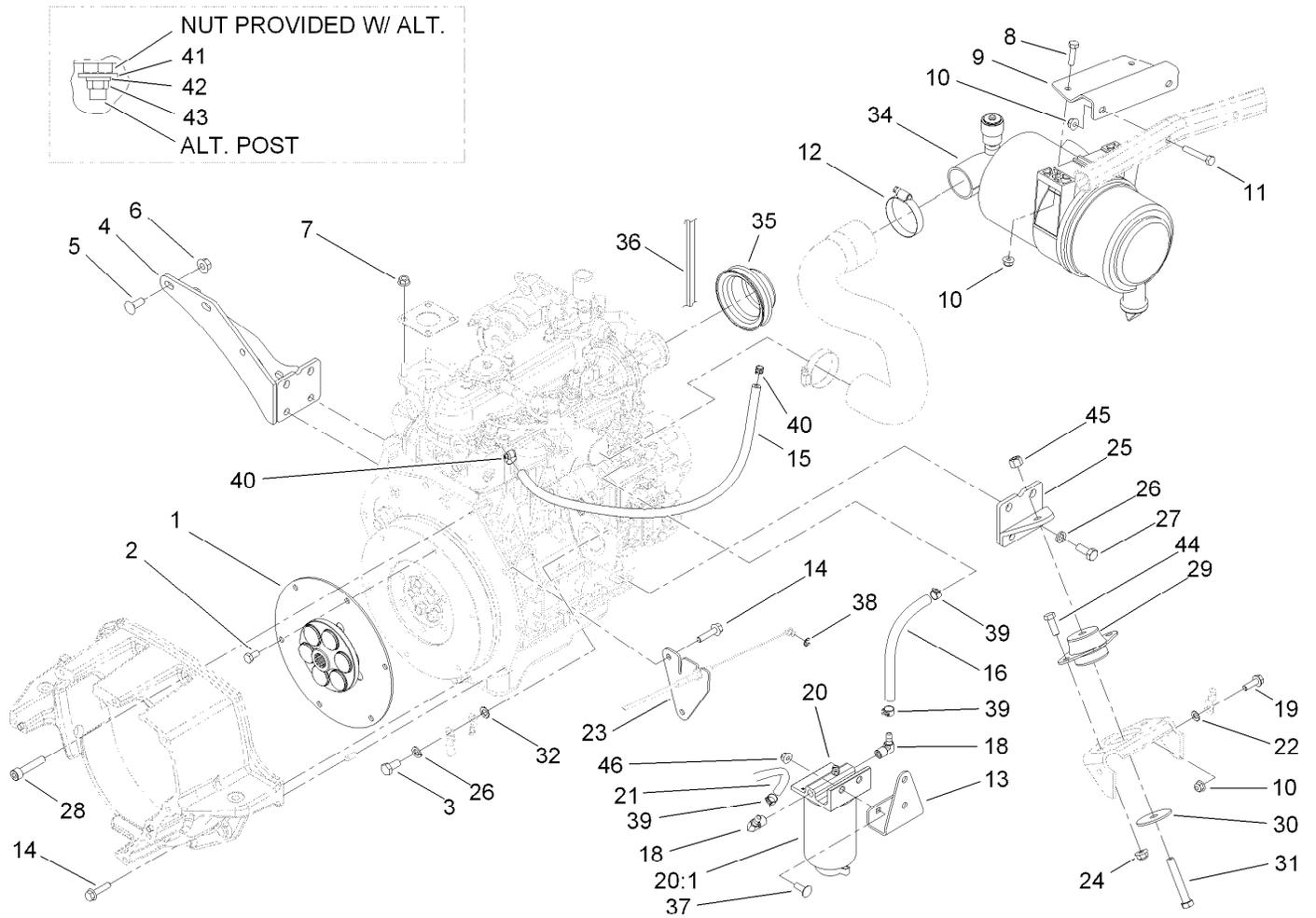
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
38	3296-4	2	Nut-Lock
39	1-603807	2	Spring-Return, Neutral
40	283-1	2	Pin-Clevis

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
41	3290-307	2	Pin-Hair
43	3296-44	2	Nut-Lock, NI
44	32151-72	2	Ring-Retaining



## Engine Component Assembly

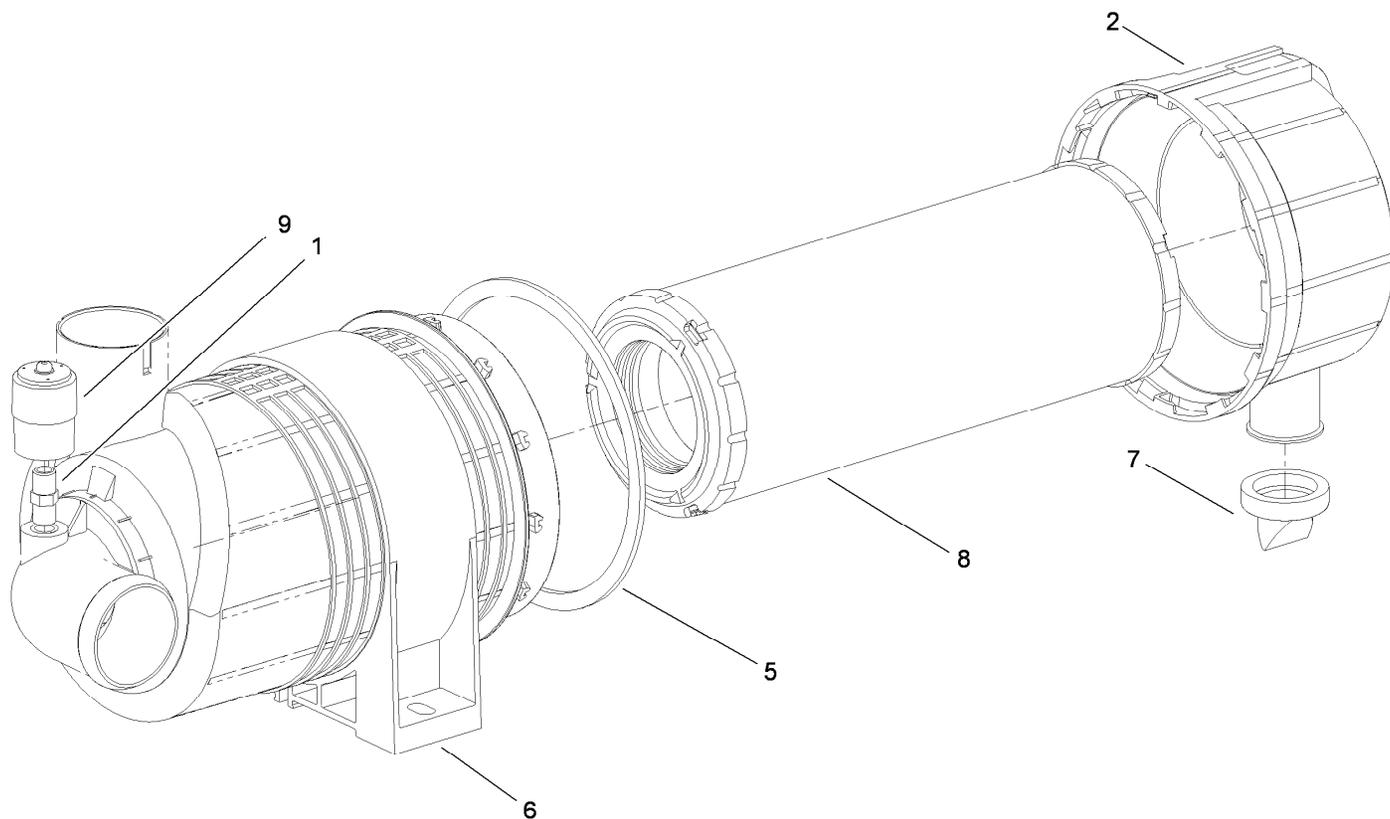
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	110-9729	1	Flywheel Coupling ASM	22	3255-8	1	Washer-Lock
2	33114-016	6	Screw-HH	23	114-4060	1	Bracket-Throttle
3	63-7790	1	Screw-Cap	24	104-8301	4	Nut-Flange, NI
4	108-9926-03	1	Muffler Bracket ASM	25	105-7235-03	1	LH Rear Mount ASM
5	3231-22	2	Screw-CARR	26	48-9590	9	Washer-Lock
6	32128-29	2	Nut-Lock, Flange	27	43-0090	8	Screw-HH
7	33004-00	4	Nut-HF	28	3274-106	2	Screw-HSH
8	322-6	2	Screw-HH	29	53-9681	2	Mount-Engine
9	108-9843-03	1	Support-Cleaner, Air	30	87-5100	2	Washer-Snubbing
10	104-8300	5	Nut-Flange, NI	31	324-11	2	Screw-HH
11	322-10	2	Screw-HH	32	3255-9	1	Washer-Lock
12	2412-130	1	Clamp-Hose	34	104-3428	1	Air Cleaner ASM
13	114-4058-03	1	Mount-Separator	35	98-9584	1	Pulley-Fan
14	33104-035	8	Screw-HHF	36	98-9676	1	V-Belt
15	110-8255	1	Hose-Fuel	37	3230-10	2	Screw-CARR
16	110-4104	1	Hose-Fuel	38	701197	1	E-Ring
18	353-781	2	Fitting-Elbow	39	92-2379	3	Clamp-Hose
19	3234-17	1	Screw-HHF	40	2412-80	2	Clamp-Line, Fuel
20	110-9044	1	Filter-Separator	41	3256-2	1	Washer-Flat
20:1	110-9049	1	Filter-Spin On	42	43-5930	1	Washer-Lock, Spring
21	114-4028	1	Hose-Fuel	43	33013-00	1	Nut-Hex



## Engine Component Assembly (continued)

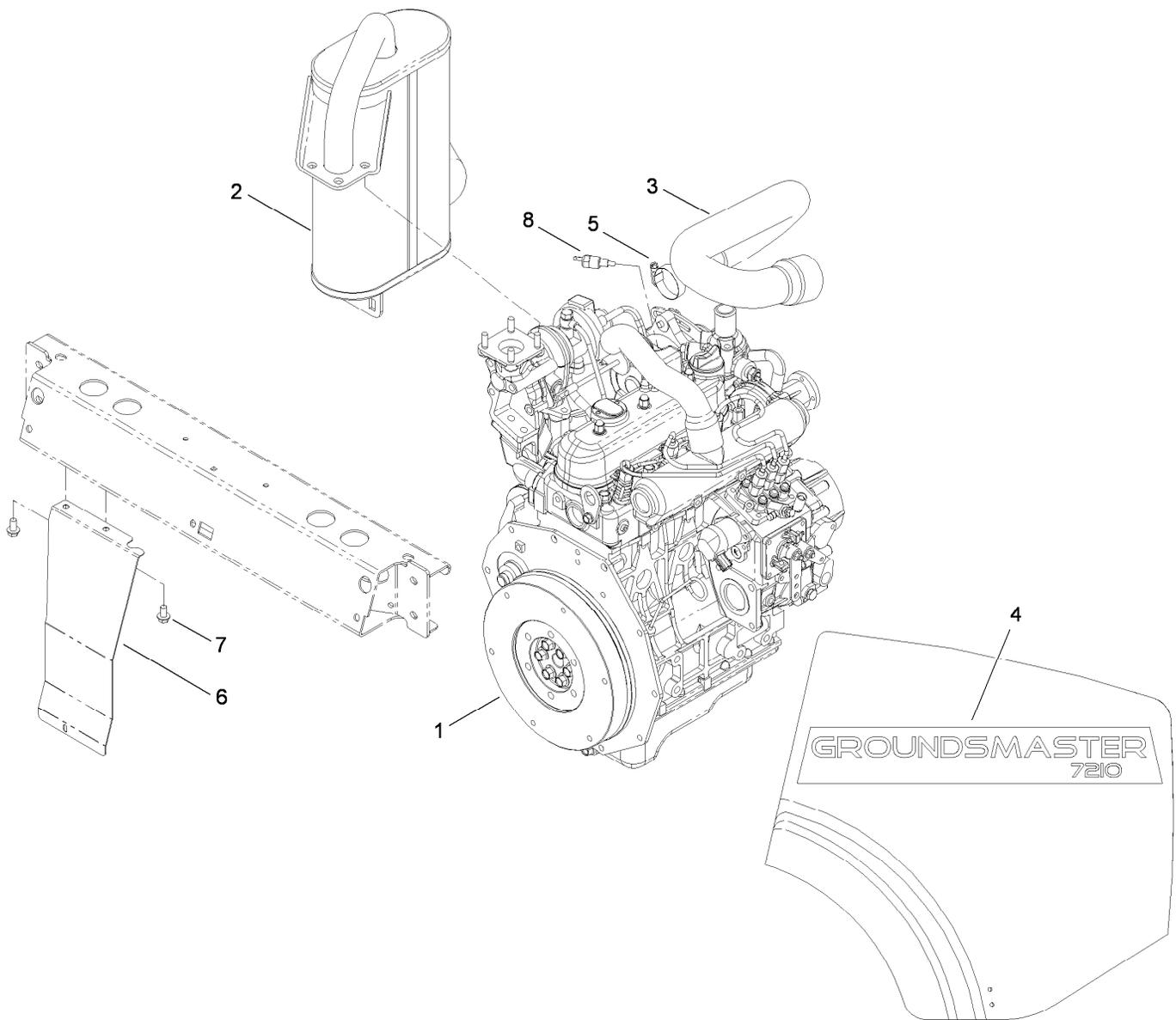
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
44	323-6	4	Screw-HH

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
45	3296-48	2	Nut-Lock, NI
46	32128-44	2	Nut



## Air Cleaner Assembly No. 104-3428

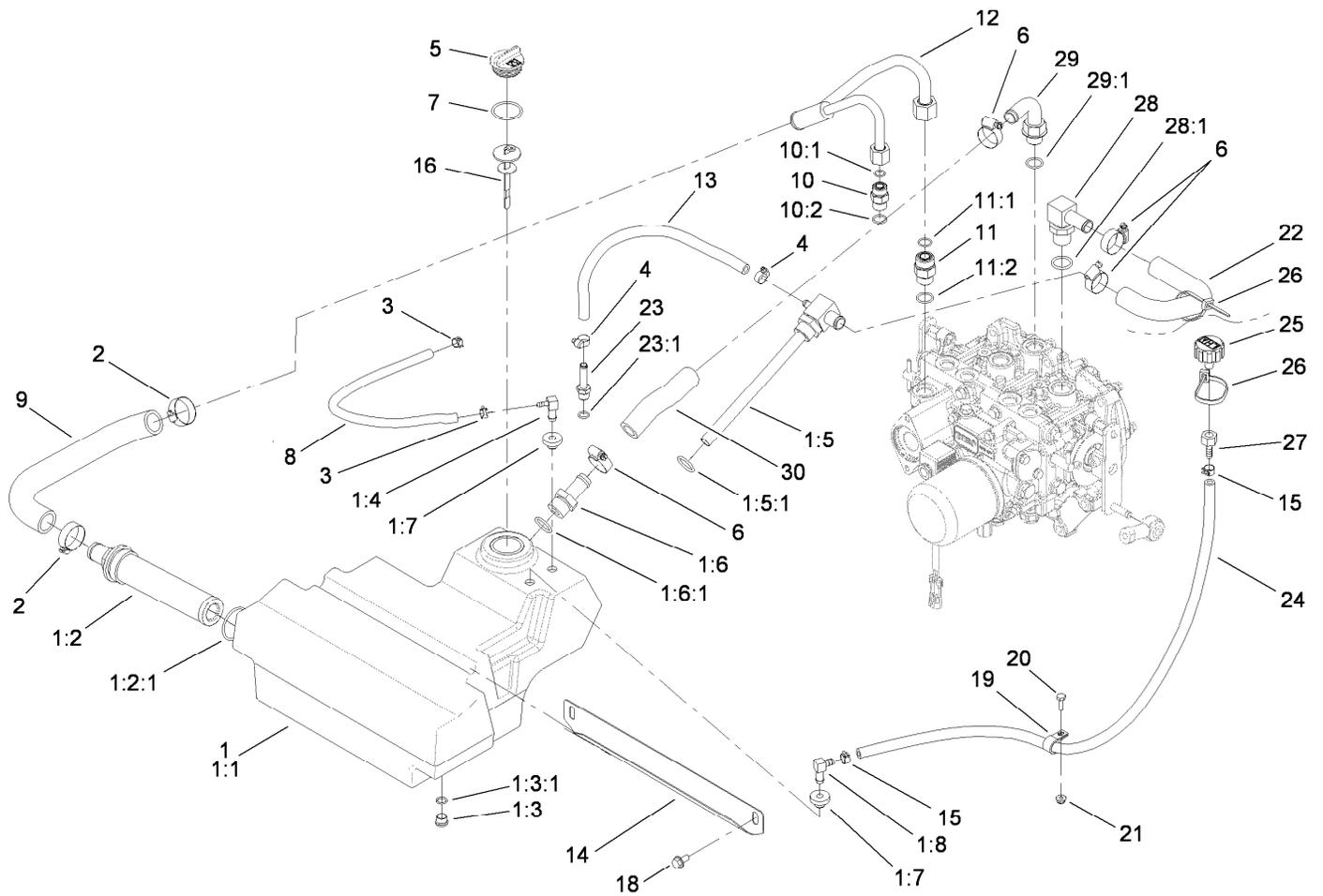
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	105-4292	1	Nipple-Pipe
2	104-0497	1	Cover ASM
5	104-4897	1	Gasket
6	98-4525	1	Bracket-Cleaner, Air
7	104-0498	1	Valve-Vacuator
8	108-3810	1	Filter-Air
9	93-9164	1	Indicator-Mini



## Engine, Muffler and Shield Assembly

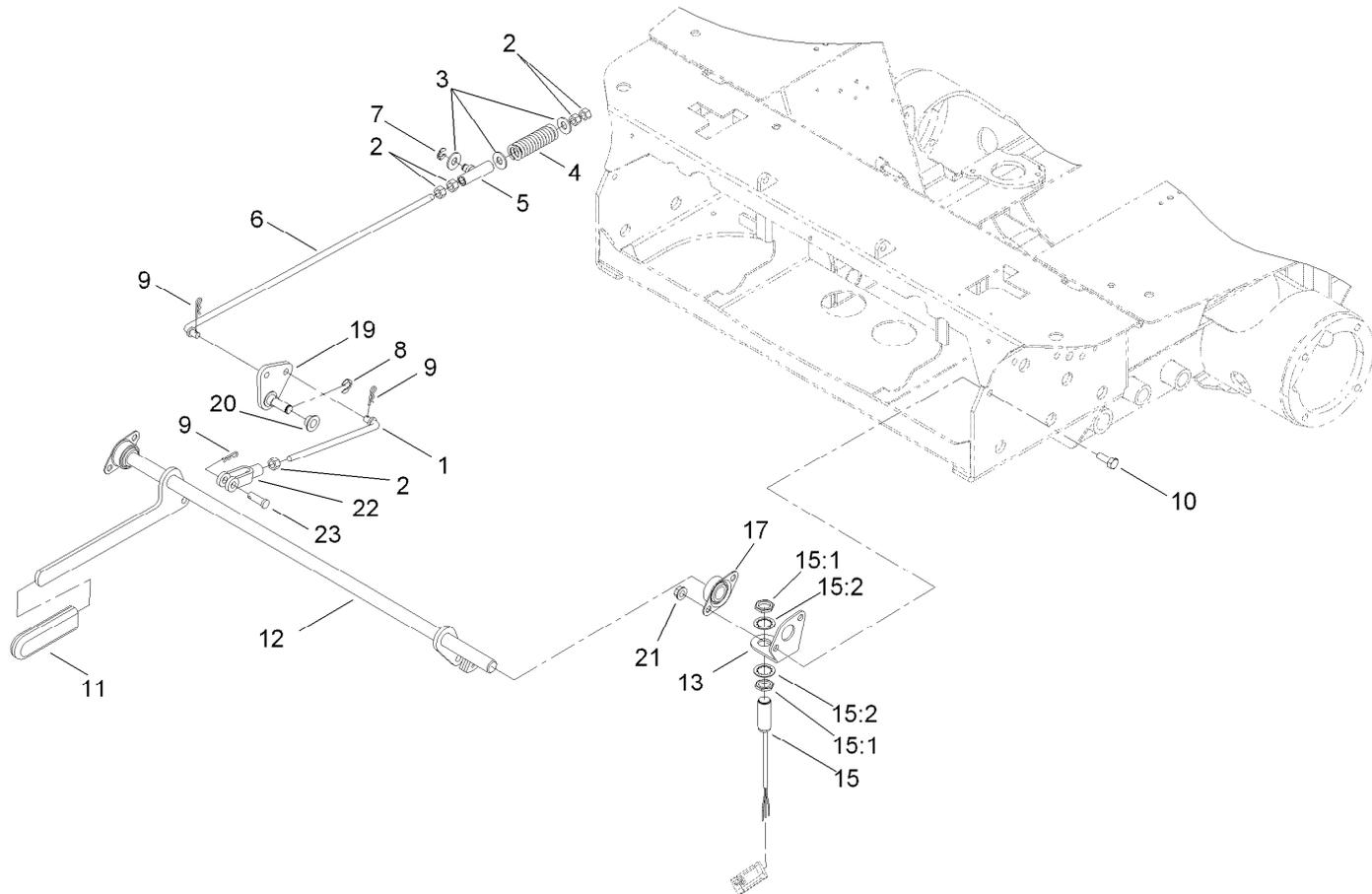
Ref.	Part Number	Qty.	Description
1	114-4080	1	Engine-Kubota
2	108-9912	1	Muffler
2:1	112-1688	1	Spark Arrestor Kit ●
3	112-9582	1	Hose-Air Inlet, Turbo
4	110-5545	2	Decal-Hood
5	2412-3	1	Clamp-Hose
6	112-6368-03	1	Shield-Heat
7	32144-14	2	Screw-HWHTF
8	98-9719	1	Thermoswitch

● Not illustrated



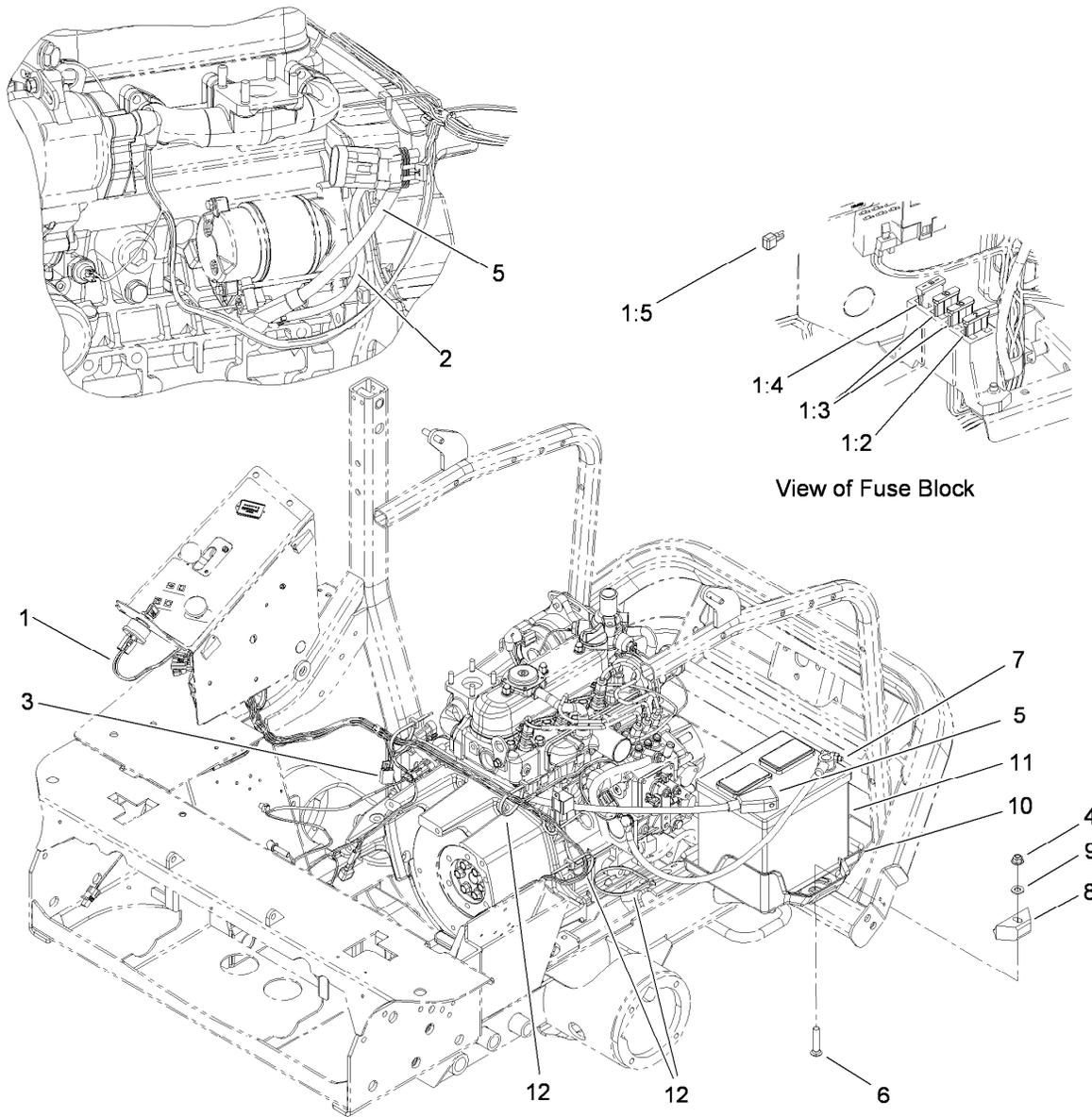
## Hydraulic Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	110-8237	1	Hydraulic Reservoir ASM	11:1	237-65	1	O-Ring
1:1	108-5200	1	Reservoir-Hydraulic	11:2	237-80	1	O-Ring
1:2	104-7546	1	Strainer-Tank	12	110-5532	1	Tube ASM
1:2:1	340-136	1	O-Ring	13	94-5625	1	Hose-Overflow, Radiator
1:3	353-989	1	Plug-Hex, Hollow	14	110-5529-03	1	Support-Reservoir
1:3:1	237-42	1	O-Ring	15	92-2379	2	Clamp-Hose
1:4	104-5228	1	Fitting-Elbow, 90 DEG	16	112-6365	1	Dipstick ASM
1:5	108-9894	1	Fitting-Elbow, Special	18	32144-14	2	Screw-HWHTF
1:5:1	237-81	1	O-Ring	19	2412-87	1	Clamp-Cable
1:6	354-73	1	Fitting-Straight	20	321-4	1	Screw-HH
1:6:1	237-81	1	O-Ring	21	104-7201	1	Nut-HF
1:7	46-6560	2	Bushing	22	110-5524	1	Hose-Return
1:8	46-6550	1	Fitting-Elbow, 90 DEG	23	353-979	1	Fitting-Straight
2	2412-34	2	Clamp-Hose	23:1	237-42	1	O-Ring
3	2412-98	2	Clamp	24	110-9662	1	Hose-Fuel
4	2412-108	2	Clamp-Worm	25	68-6150	1	Breather
5	93-7498	1	Plug-Plastic	26	3290-379	2	Tie-Cable
6	2412-129	4	Clamp-Hose	27	354-95	1	Fitting-Straight
7	94-8166	1	O-Ring	28	353-987	1	Fitting-HYD, 90 DEG (Barbed)
8	109-0299	1	Hose-Fuel	28:1	237-81	1	O-Ring
9	110-5526	1	Hose-Suction	29	110-5522	1	Fitting-Elbow, 90
10	340-4	1	Fitting-HYD, Straight	29:1	237-80	1	O-Ring
10:1	237-30	1	O-Ring	30	112-1680	1	Hose-HYD
10:2	237-79	1	O-Ring				
11	340-7	1	Adapter				



## Parking Brake Assembly

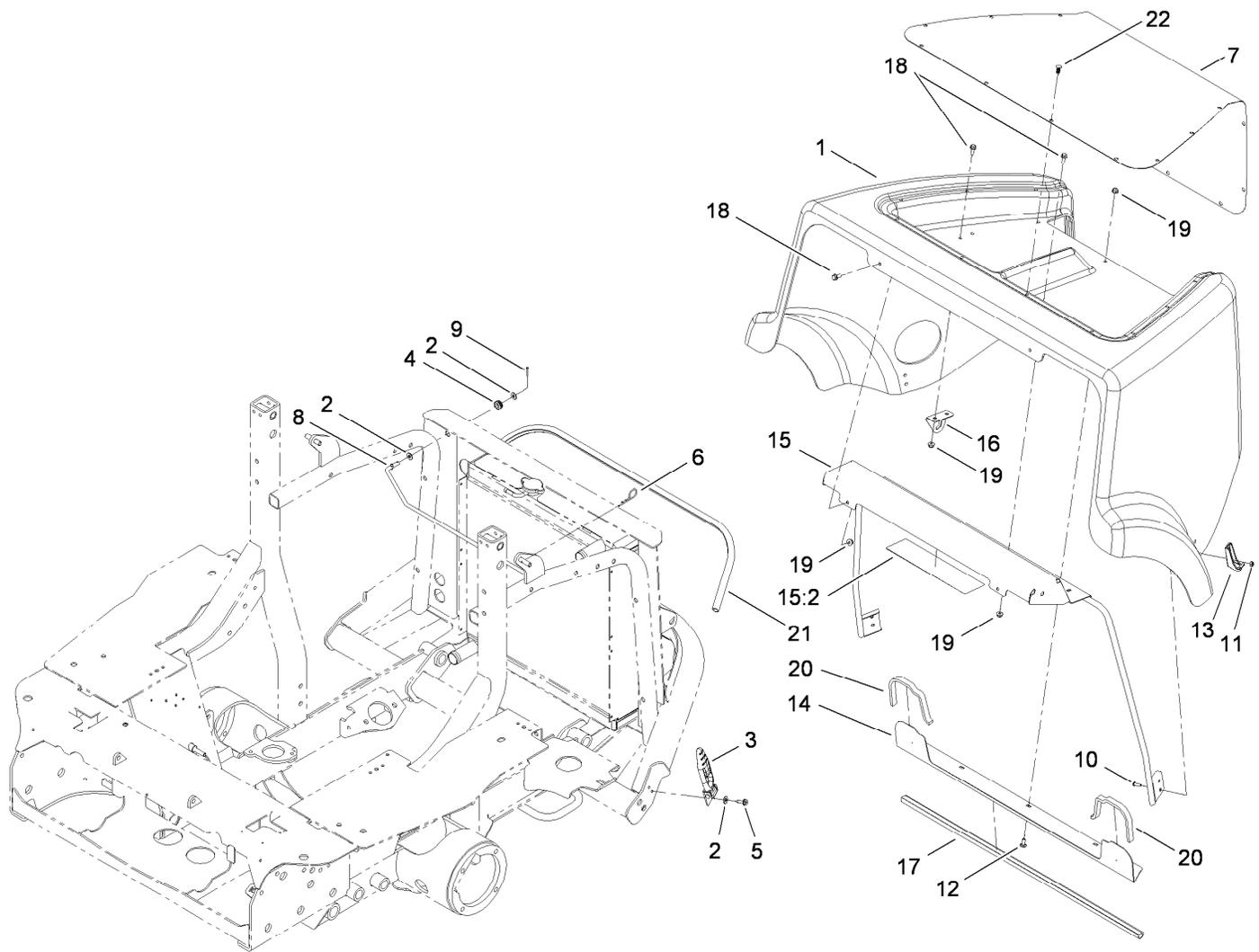
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	120-0023	2	Rod-Brake	12	117-5582-03	1	Brake Handle ASM
2	3219-3	10	Nut-Hex	13	117-5572	1	Bracket-Switch
3	3256-4	6	Washer-Flat	15	115-5300	1	Proximity Switch ASM
4	109-2230	2	Spring-Compression	15:1	117-3207	2	Nut-Hex
5	112-1676	2	Swivel ASM	15:2	117-3208	2	Washer-Lock, Int Tooth
6	120-0009	2	Rod-Brake	17	1-633102	2	Bearing-Flange, Side
7	32151-47	2	Ring-Retaining	19	120-0022	2	Brake Pivot ASM
8	32151-68	2	Ring-Retaining	20	1-513140	4	Bearing-Control
9	3290-307	6	Pin-Hair	21	3290-357	4	Nut-HHF, Whiz
10	323-6	4	Screw-HH	22	1-633131	2	Yoke-Linkage, Brake
11	1-633268	1	Grip-Lever	23	1-808285	2	Pin-Clevis



## Electrical Assembly

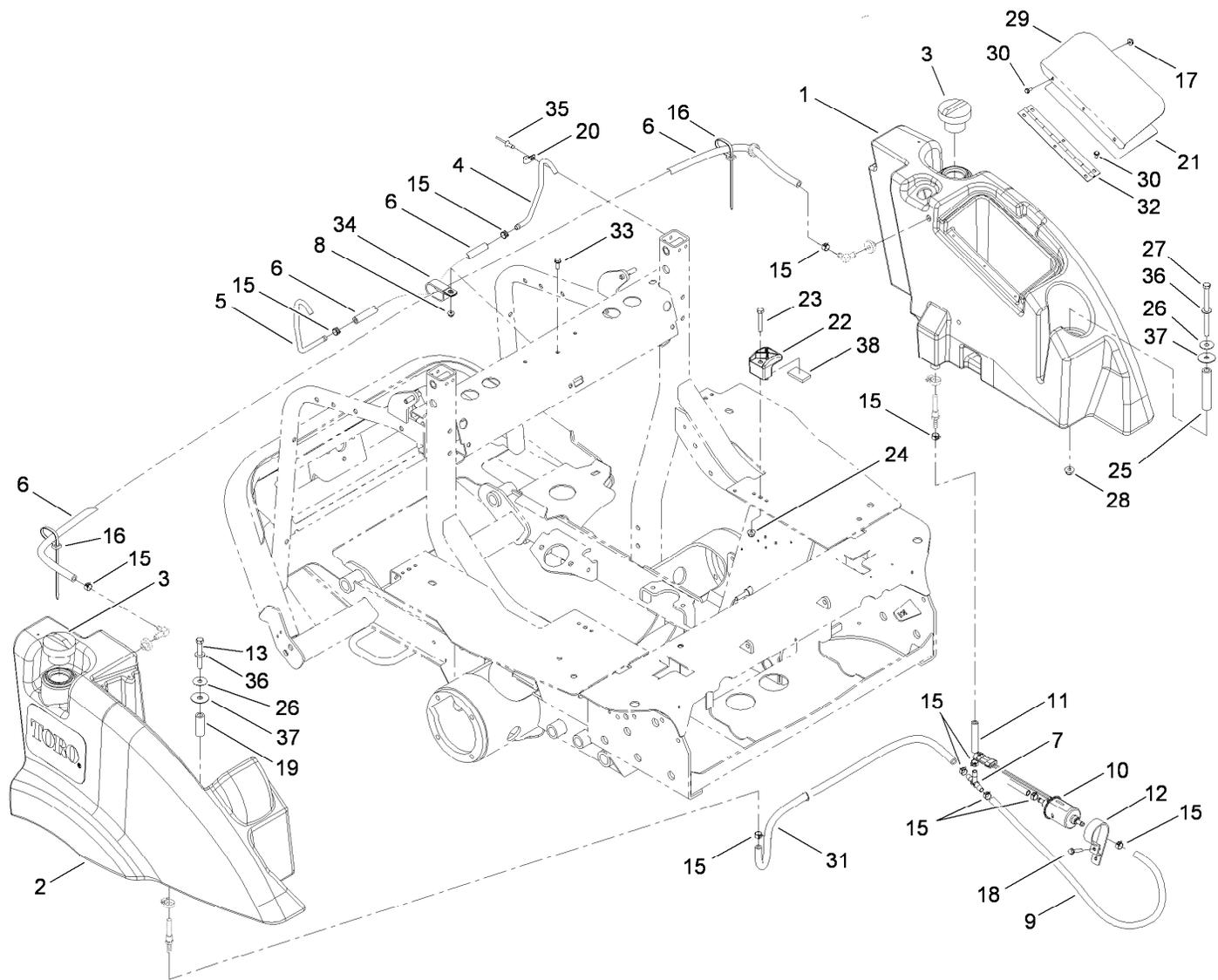
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	117-5636	1	Harness-Wire, Main
1:2	94-6710	1	Fuse-2 Amp
1:3	218-578	2	Fuse-Blade, 10 Amp
1:4	109355	1	Fuse-Blade, 15 Amp
1:5	100-4918	1	Diode
2	99-3441	1	Harness-Wire, Fusible Link
3	108-8657	1	Harness-Wire, Seat
4	104-8301	1	Nut-Flange, NI

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	119-1796	1	Cable-Battery, Positive
6	3231-6	1	Screw-CARR
7	105-0040	1	Cable-Battery, Negative
8	66-2490	1	Retainer-Battery
9	3256-24	1	Washer-Flat
10	108-9928	1	Tray-Battery
11	106-5187	1	Battery
12	3290-378	5	Tie-Cable



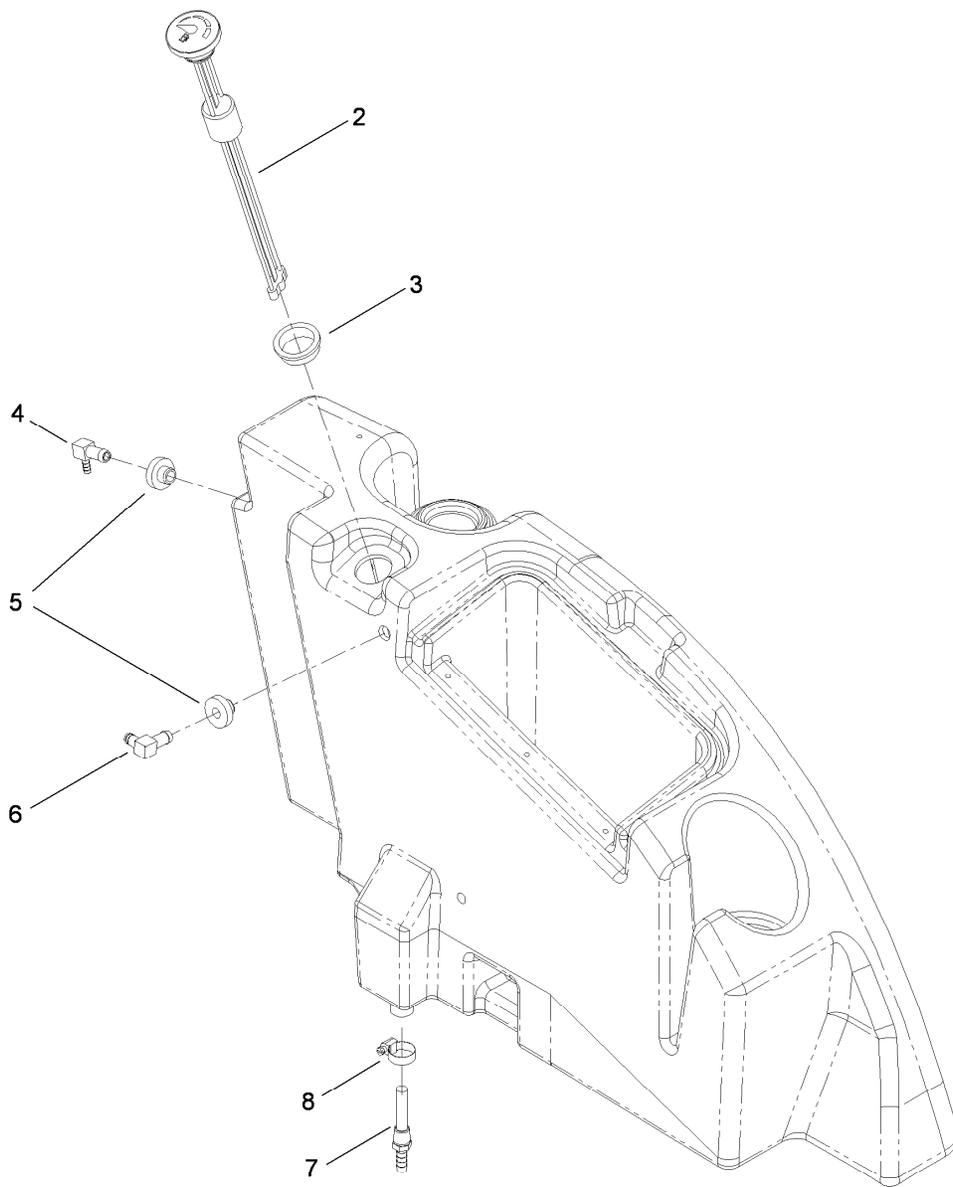
## Hood Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	112-6311	1	Hood ASM	13	103-2897	2	Latch-Catch
2	3256-2	4	Washer-Flat	14	110-8285-03	1	Angle-Seal
3	103-2898	2	Latch-Rubber	15	110-9795	1	Support-Hood
4	237-136	1	Grommet	15:2	110-9781	1	Decal-Danger
5	32104-95	2	Screw-HWH	16	108-9811	1	Support-Rod, Prop
6	3290-255	1	Pin-Cotter, Hair	17	110-8287	1	Bulb-Seal
7	115-1446-03	1	Screen-Intake	18	3234-33	8	Screw-HHF
8	110-8291	1	Rod-Prop, Hood	19	104-7201	11	Nut-HF
9	3272-6	1	Pin-Cotter	20	110-8288	2	Seal-Foam
10	3274-39	4	Screw-HSBH	21	112-1694	1	Seal-Bulb
11	3296-2	4	Nut-Lock, NI	22	114-4899	17	Plug-Plastic
12	3229-11	3	Screw-CARR				



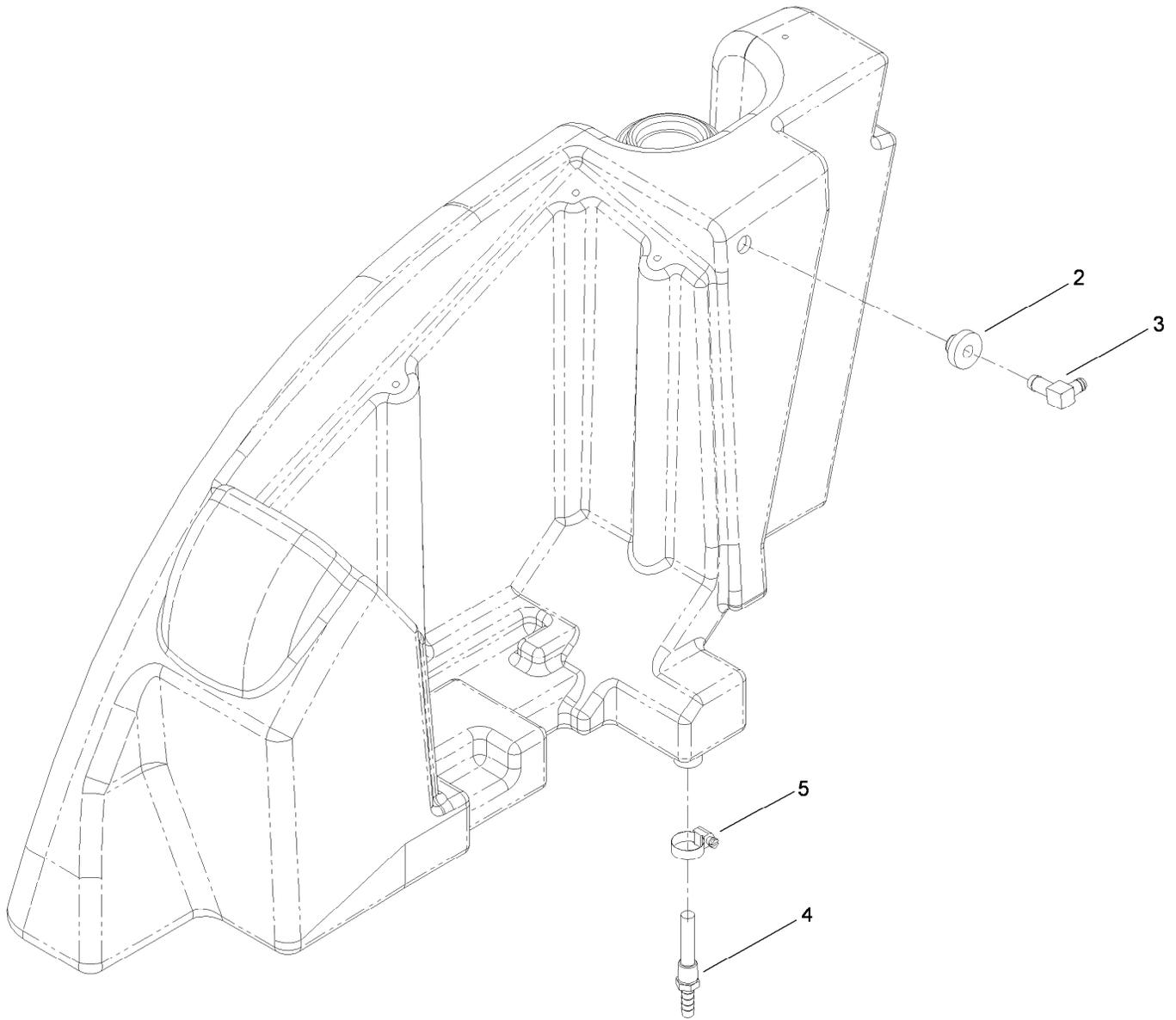
## Fuel Tank Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	110-8230	1	LH Fuel Tank ASM	21	110-8252	1	Decal-Instructions, Service
2	110-8236	1	RH Fuel Tank ASM	22	107-4543	4	Clamp
3	115-5305	2	Cap-Fuel	23	322-10	4	Screw-HH
4	110-8261	1	Tube-Vent, LH	24	104-8300	4	Nut-Flange, NI
5	110-8260	1	Tube-Vent, RH	25	110-5539	1	Spacer
6	110-6186	2	Hose-Fuel	26	105-6814	2	Washer-Plain
7	354-107	1	Fitting-HYD, Tee	27	323-39	1	Screw-HH
8	104-7201	1	Nut-HF	28	104-8301	2	Nut-Flange, NI
9	110-4113	1	Hose-Fuel	29	110-5540-03	1	Cover-Toolbox
10	110-8806	1	Pump-Fuel	30	112-6349	6	Screw-HWH
11	112-6388	1	Hose-Fuel	31	109-0309	1	Hose-Fuel
12	110-8817	1	Bracket-Pump, Fuel	32	108-2024	1	Hinge
13	323-13	1	Screw-HH	33	3229-11	1	Screw-CARR
15	92-2379	11	Clamp-Hose	34	92-5753	1	Clamp-Hose
16	3290-378	2	Tie-Cable	35	3290-412	2	Rivet
17	32149-8	3	Nut-Keps	36	3256-24	2	Washer-Flat
18	32144-110	1	Screw-HWH	37	95-1905	2	Washer-Rubber
19	92-1239	1	Spacer-Support	38	112-9561	4	Pad-Foam
20	2412-89	2	Clamp-R				



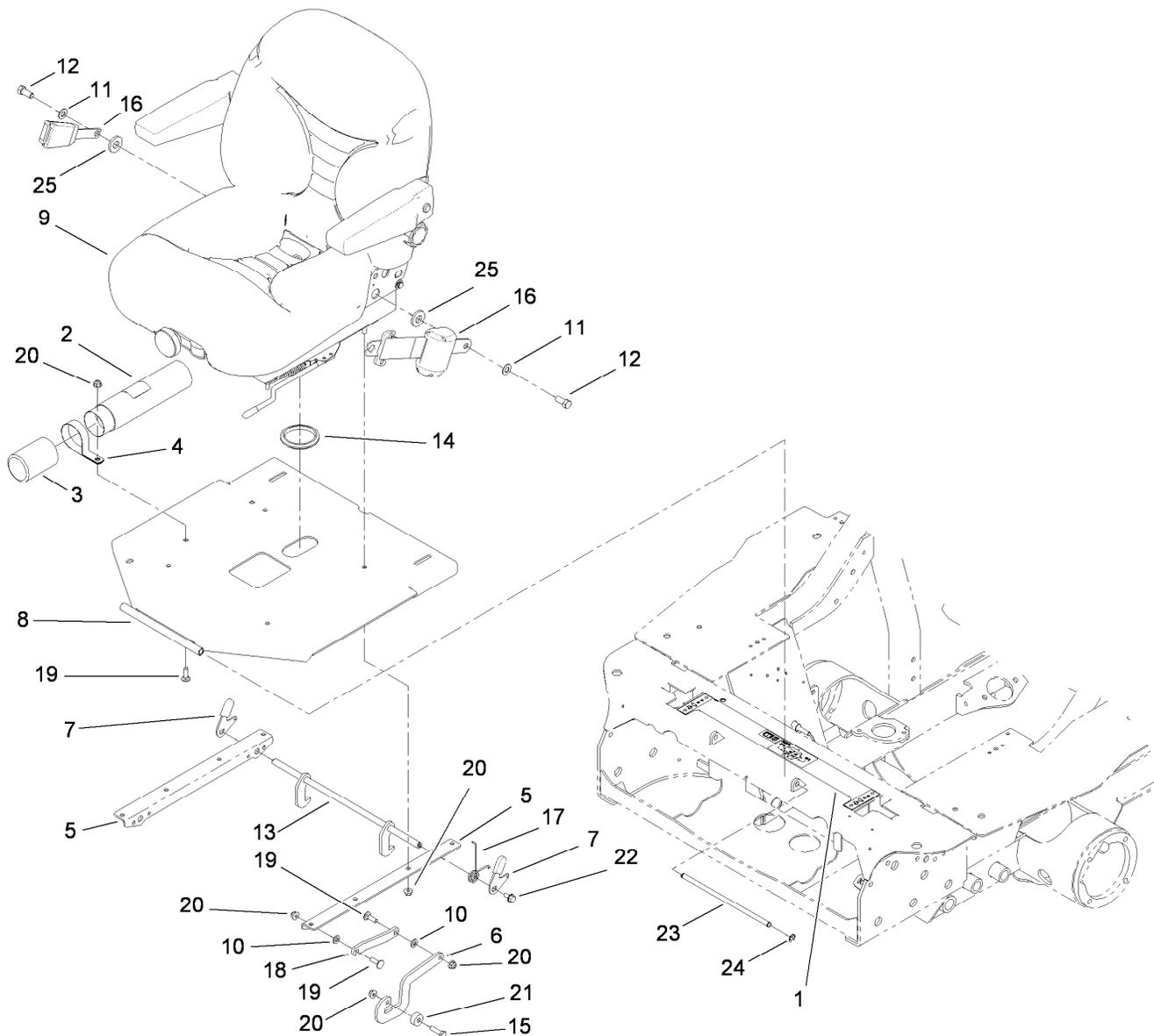
## LH Fuel Tank Assembly No. 110-8230

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	110-8262	1	Gauge-Fuel
3	95-8972	1	Grommet
4	104-5228	1	Fitting-Elbow, 90 DEG
5	46-6560	2	Bushing
6	1-643259	1	Fitting-Elbow
7	112-6374	1	Fitting-Strainer
8	2412-36	1	Clamp-Hose



## RH Fuel Tank Assembly No. 110-8236

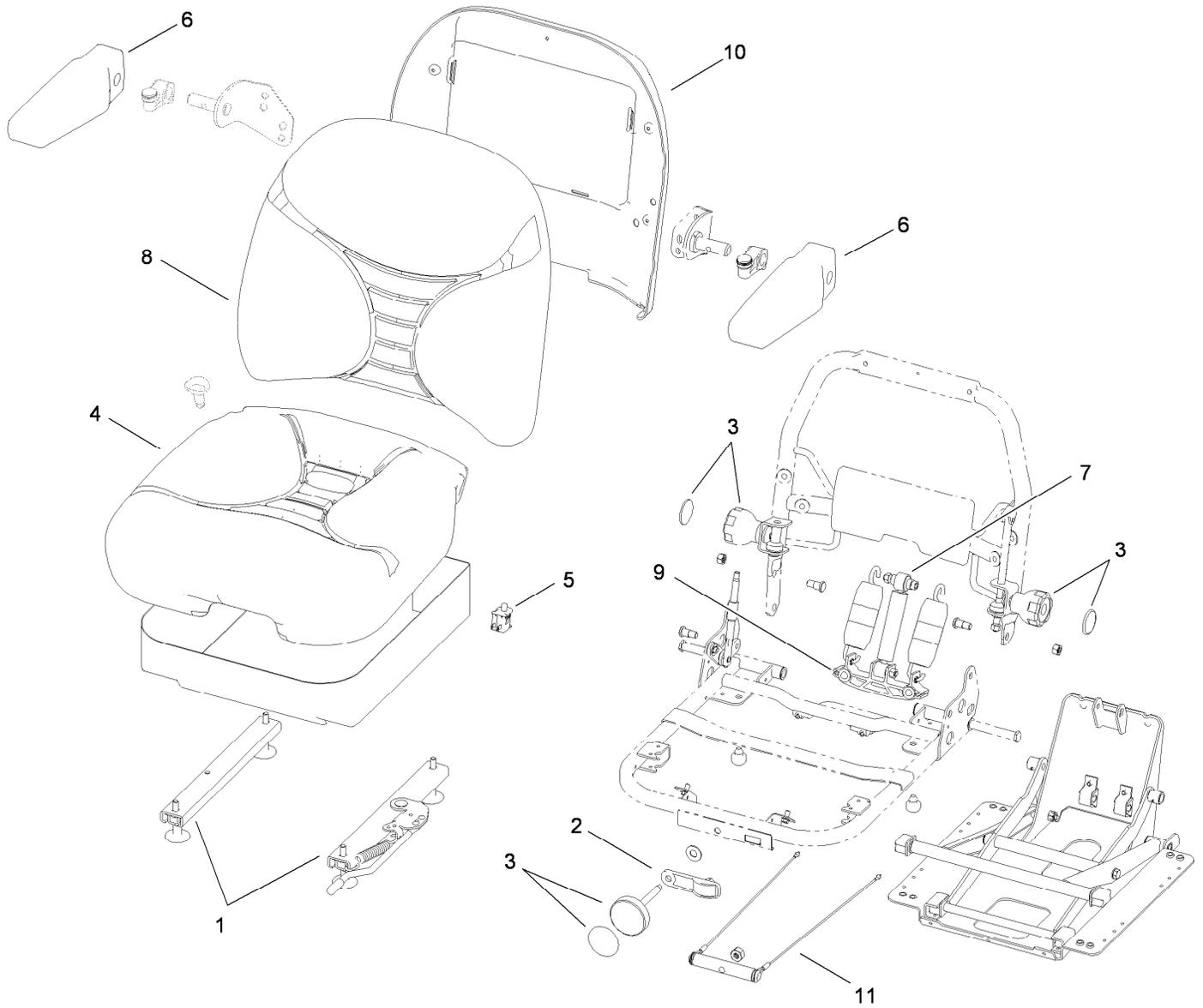
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	46-6560	1	Bushing
3	1-643259	1	Fitting-Elbow
4	112-6374	1	Fitting-Strainer
5	2412-36	1	Clamp-Hose



## Seat Assembly

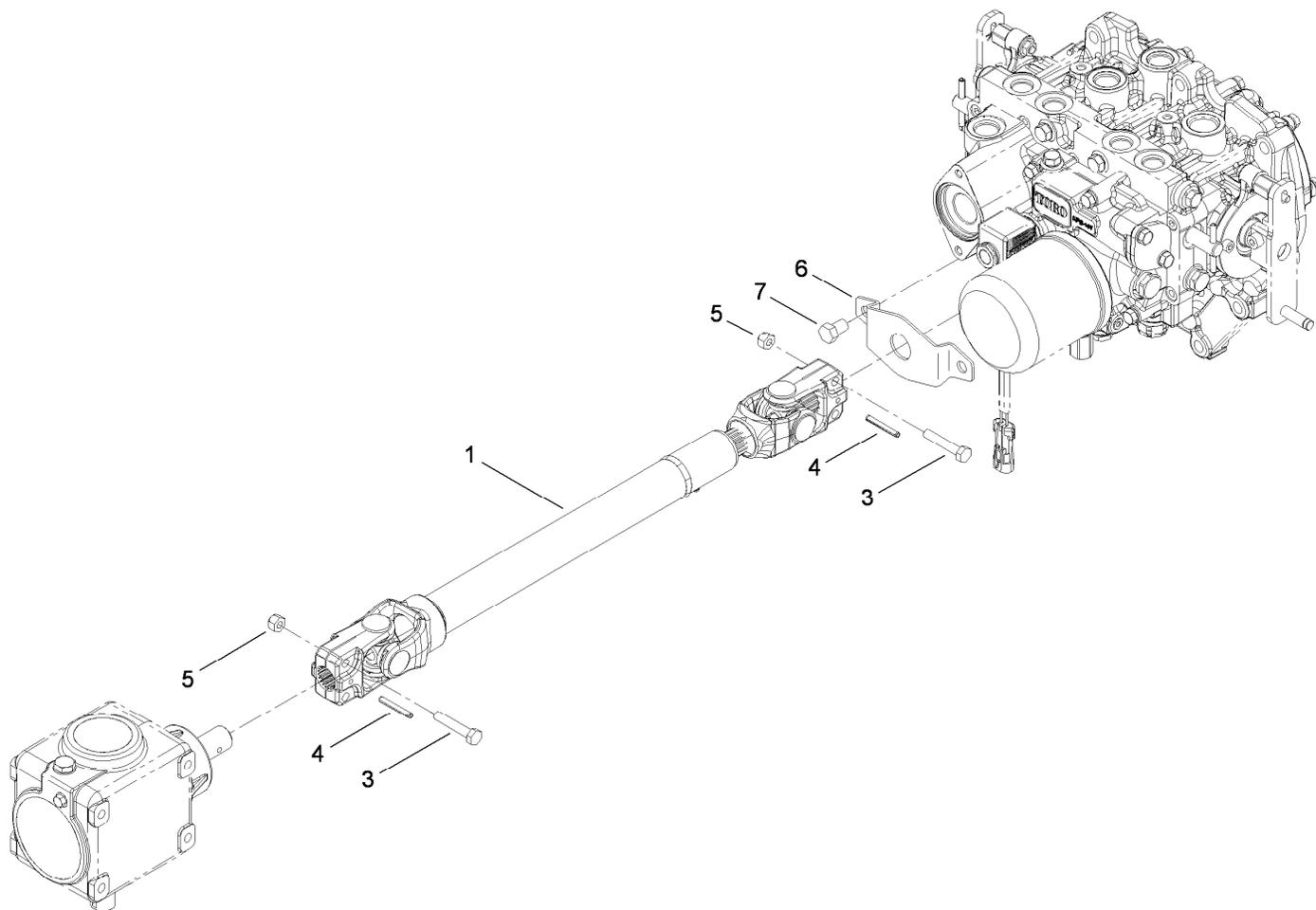
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	110-9774	1	Decal-Safety
2	104-7050	1	Tube-Manual
3	104-7048	1	Cap-Housing
4	2412-133	2	R-Clamp
5	108-5238-03	2	Angle-Latch
6	110-5512	1	Lever-Stop, Seat
7	108-5243	2	Lever-Latch
8	107-2272-03	1	Plate-Seat
9	107-2286	1	Seat ASM
10	3256-23	2	Washer-Flat
11	3256-25	2	Washer-Flat
12	3212-4	2	Screw-HH
13	108-5240	1	Latch ASM

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
14	237-164	1	Grommet
15	322-6	1	Screw-HH
16	110-0413	1	Seatbelt-Retractable
17	106-4048	1	Spring-Torsion
18	110-5513	1	Link-Seat
19	3230-2	4	Bolt-CARR
20	104-8300	9	Nut-Flange, NI
21	104-1429	1	Spacer-Plain
22	32144-14	2	Screw-HWHTF
23	112-1686	1	Pin-Clevis
24	105-7004	2	E-Ring
25	99-7667	2	Washer-Flat



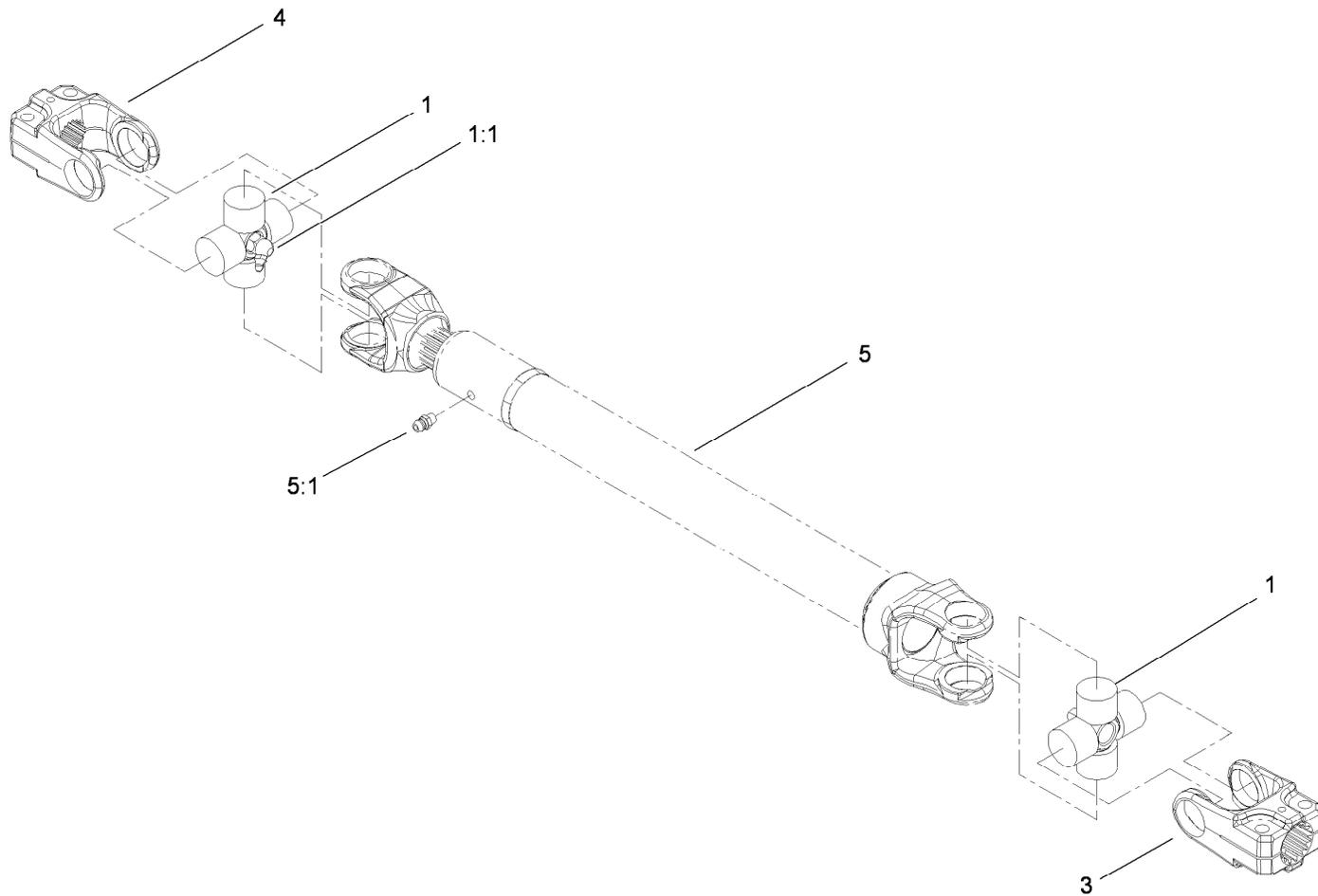
## Seat Assembly No. 107-2286

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	107-1880	1	Seat Track Kit
2	107-1885	1	Weight Indicator Kit
3	107-1881	1	Knob Kit
4	107-1883	1	Bottom Cushion Kit
5	82-2190	1	Switch-Bail
6	107-1887	1	Armrest Kit
7	107-1884	1	Shock Absorber Kit
8	107-1882	1	Back Cushion Kit
9	109-3343	1	Spring And Saddle Kit
10	109-3344	1	Back Panel Kit
11	109-3345	1	Weight Adjust Kit



## Driveshaft Assembly

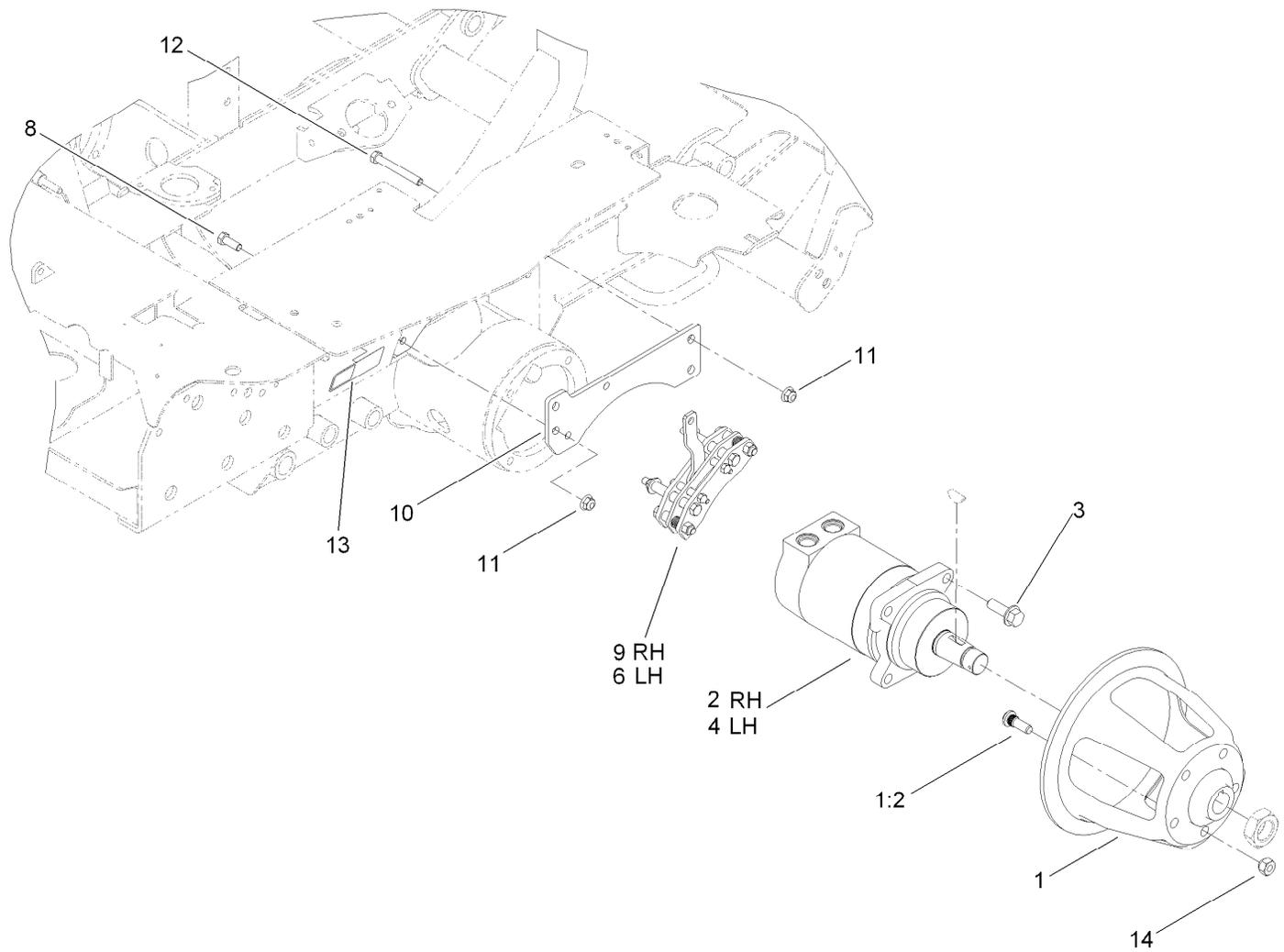
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	110-3575	1	Driveshaft ASM
3	322-9	4	Screw-HH
4	32121-34	2	Pin-Roll
5	3296-29	4	Nut-Lock, NI
6	114-4088	1	Shield-Seal
7	33115-016	2	Screw-HH



## Driveshaft Assembly No. 110-3575

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

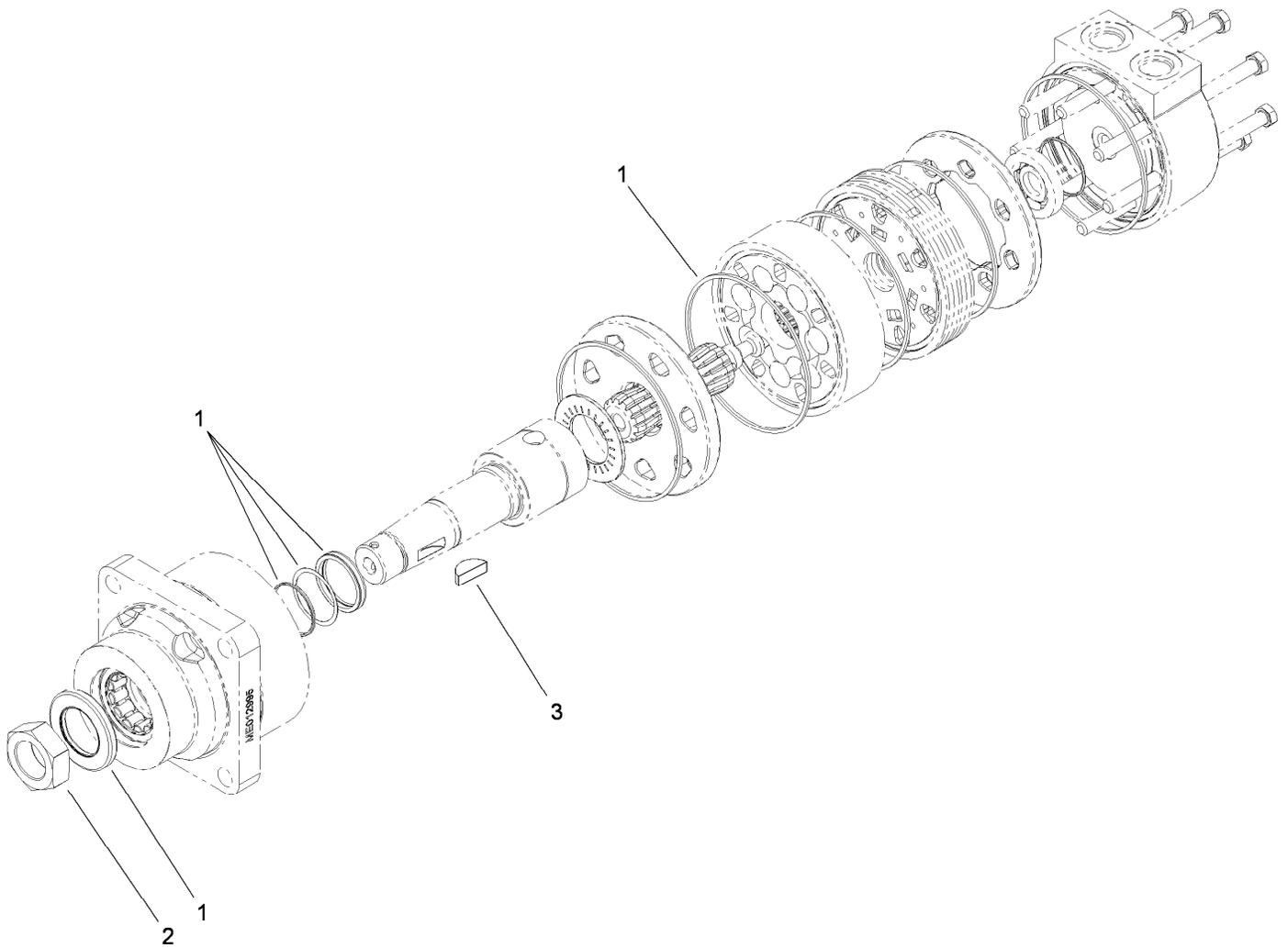


## Rear Drive Assembly

Ref.	Part Number	Qty.	Description
1	110-5535	2	Wheel Hub ASM
1:2	87-8730	5	Stud
2	108-5230	1	RH HYD Motor ASM
3	100-6116	8	Screw-HHF
4	108-5155	1	LH HYD Motor ASM
6	120-0013	1	LH Brake Caliper ASM
6:1	120-0015	1	Replacement Brake Pad Service Kit ●■
8	323-6	4	Screw-HH
9	120-0014	1	RH Brake Caliper ASM
9:1	120-0015	1	Replacement Brake Pad Service Kit ●■
10	112-9550-03	2	Bracket-Brake
11	104-8301	8	Nut-Flange, NI
12	323-14	4	Screw-HH
13	106-9206	2	Decal-Torque, Wheel
14	23-7270	10	Nut-Wheel

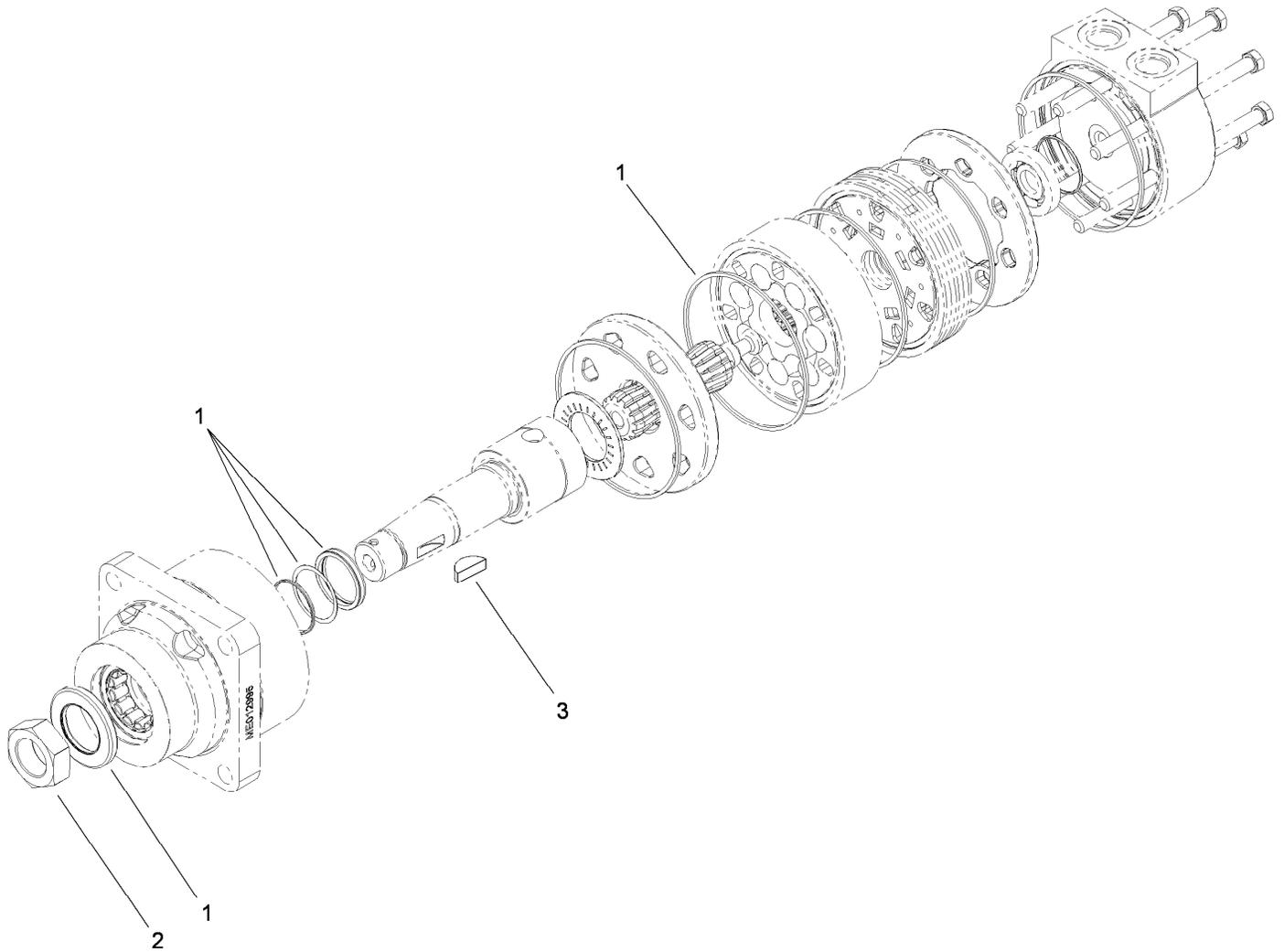
● Not illustrated

■ Optional Equipment



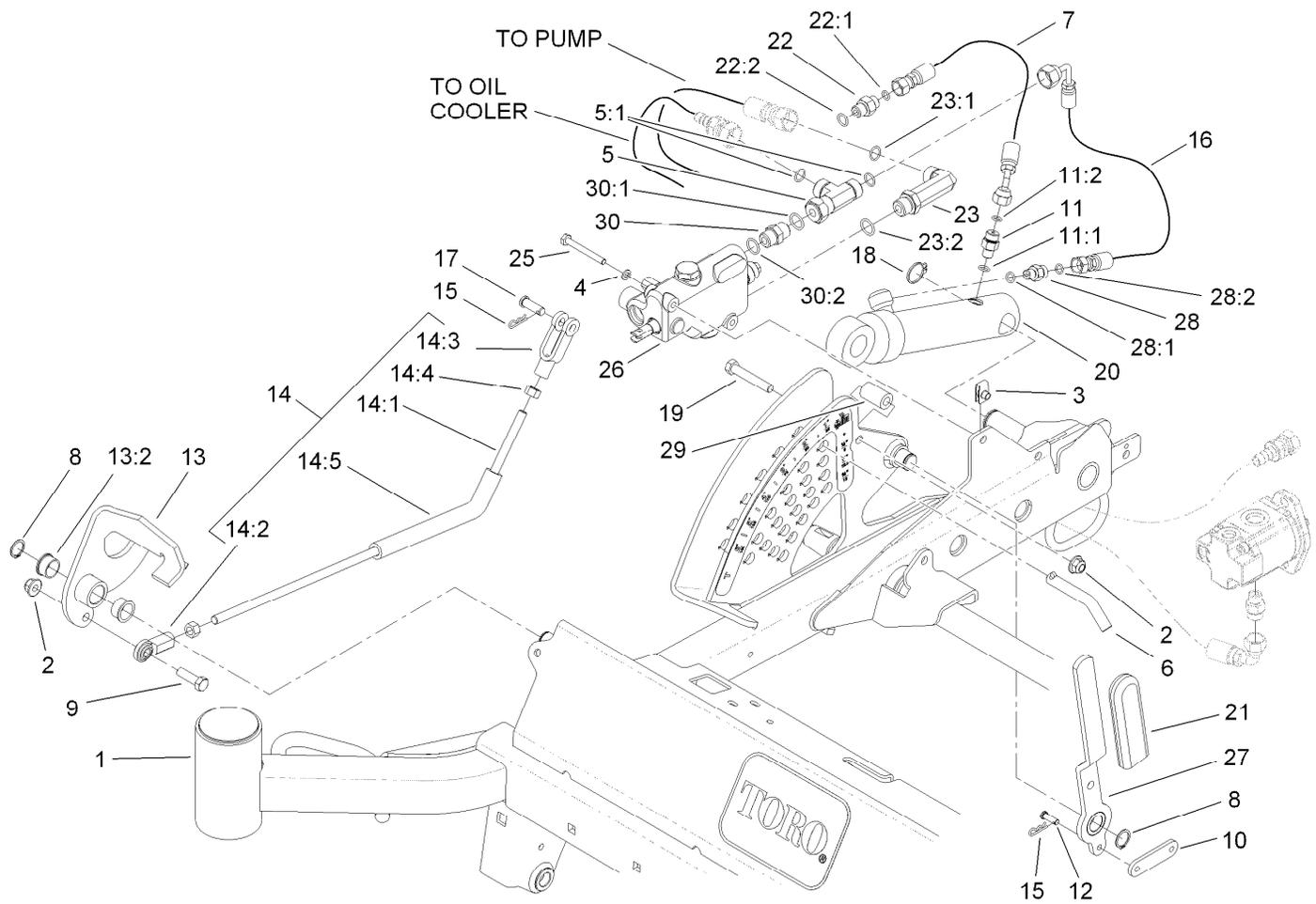
## Hydraulic Motor Assembly No. 108-5230

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	112-8405	1	Seal Kit
2	107-9319	1	Nut-Hex
3	3257-42	1	Key-Woodruff



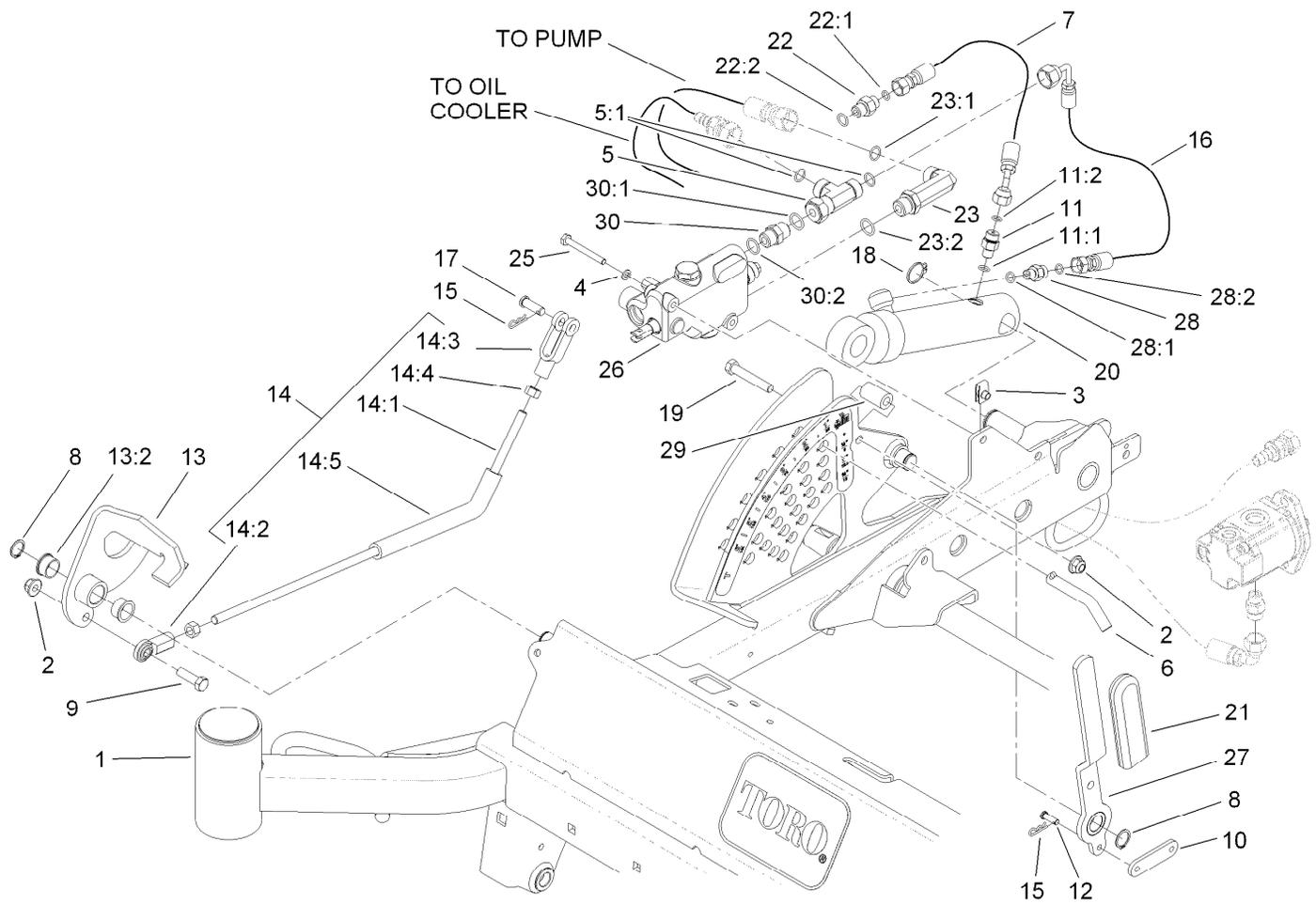
## Hydraulic Motor Assembly No. 108-5155

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	112-8405	1	Seal Kit
2	107-9319	1	Nut-Hex
3	3257-42	1	Key-Woodruff



## Carrier Frame and Valve Assembly

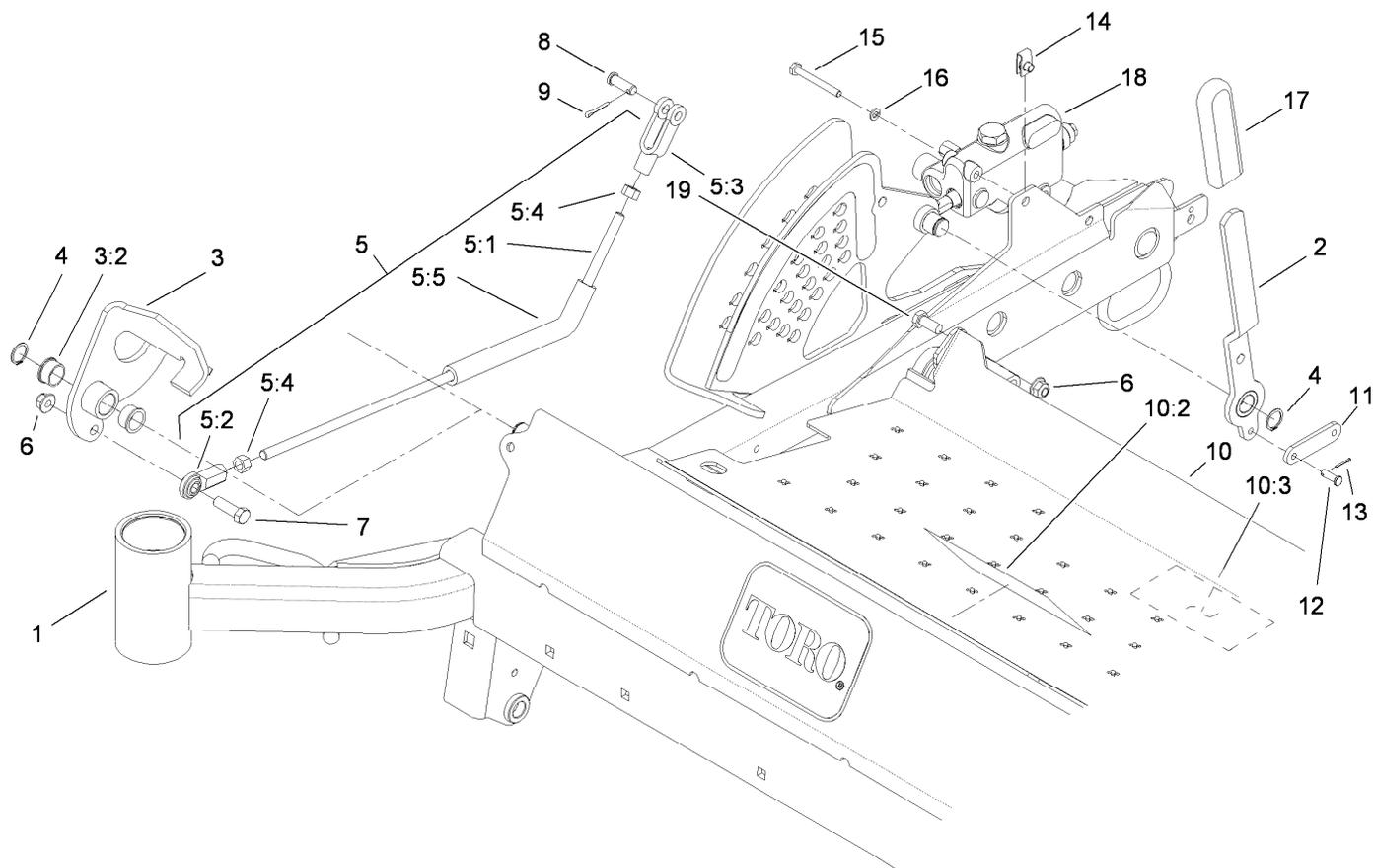
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	114-4087	1	Carrier Frame Kit ASM	14:4	3219-3	2	Nut-Hex
2	104-8301	2	Nut-Flange, NI	14:5	114-4041	1	Hose-Foam
3	107069	2	Clip	15	3290-307	3	Pin-Hair
4	3253-3	2	Washer-Lock	16	117-9236	1	Hose ASM
5	340-104	1	Tee-Fitting	17	283-2	1	Pin-Clevis
5:1	237-30	2	O-Ring	18	32151-36	1	Ring-Retaining
6	112-9544	1	Pin-HOC	19	323-11	1	Screw-HH
7	110-8966	1	Hose ASM	20	110-9834	1	HYD Cylinder ASM
8	32120-72	2	Ring-Snap	21	1-633268	1	Grip-Lever
9	323-7	1	Screw-HH	22	340-1	1	Fitting-HYD, Straight (Adapter)
10	114-4042	1	Link	22:1	237-21	1	O-Ring
11	95-1639	1	Fitting-HYD	22:2	237-42	1	O-Ring
11:1	237-78	1	O-Ring	23	99-6160	1	Fitting-Elbow, 90 DEG
11:2	237-21	1	O-Ring	23:1	237-30	1	O-Ring
12	1-808265	2	Pin-Clevis	23:2	237-79	1	O-Ring
13	112-9534	1	Pedal ASM	25	321-18	2	Screw-HH
13:2	256-252	2	Bearing-Flange	26	117-9235	1	Valve ASM
14	112-9539	1	Link ASM	27	114-4027-03	1	Lever ASM
14:1	112-9535	1	Rod-Threaded	28	340-92	1	Fitting-HYD, Straight
14:2	103-0608	1	Joint-Ball, End	28:1	237-78	1	O-Ring
14:3	1-633131	1	Yoke-Linkage, Brake				



## Carrier Frame and Valve Assembly (continued)

Ref.	Part Number	Qty.	Description
28:2	237-21	1	O-Ring
29	115-1425	1	Spacer
30	340-4	1	Fitting-HYD, Straight

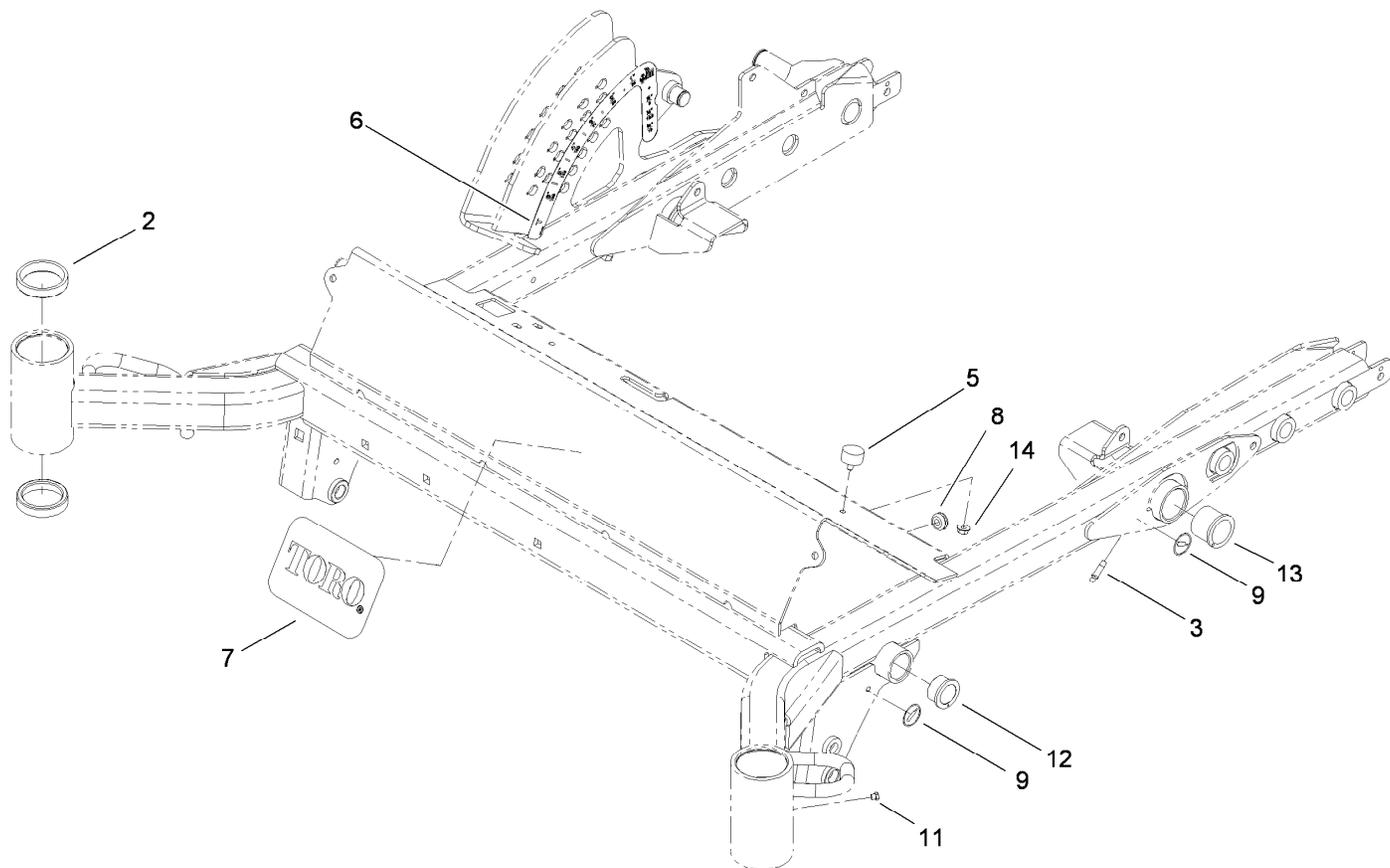
Ref.	Part Number	Qty.	Description
30:1	237-30	1	O-Ring
30:2	237-79	1	O-Ring



## Carrier Frame Kit Assembly No. 114-4087

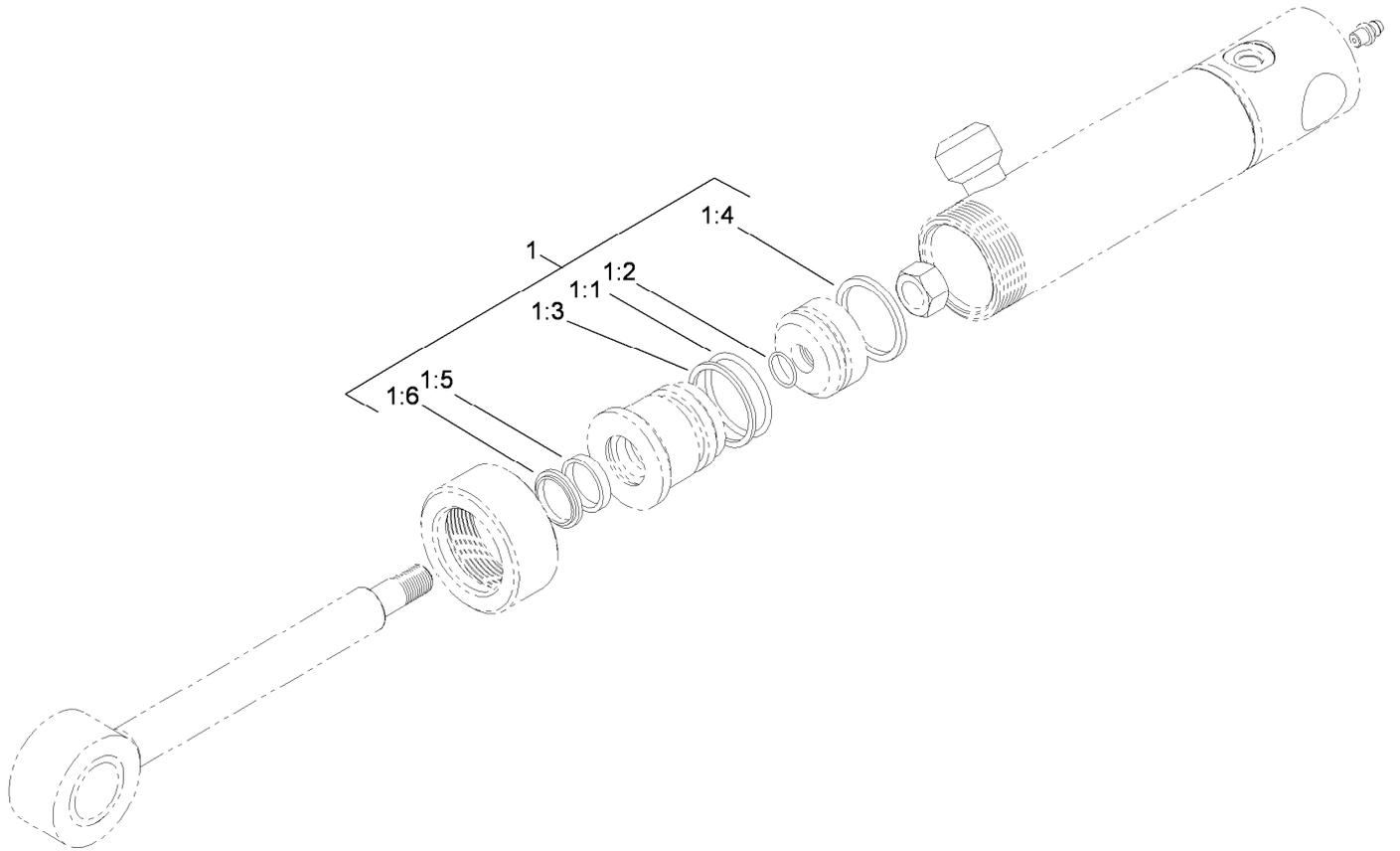
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1		1	Carrier Frame ASM ●	9	3272-10	1	Pin-Cotter
2	114-4027-03	1	Lever ASM	10	114-4048	1	Floor Plate ASM
3	112-9534	1	Pedal ASM	10:2	107-1866	1	Decal-Danger, Slope
3:2	256-252	2	Bearing-Flange	10:3	112-1461	1	Decal-Routing, Belt
4	32120-72	2	Ring-Snap	11	114-4042	1	Link
5	112-9539	1	Link ASM	12	1-808265	2	Pin-Clevis
5:1	112-9535	1	Rod-Threaded	13	3272-1	2	Pin-Cotter
5:2	103-0608	1	Joint-Ball, End	14	107069	2	Clip
5:3	1-633131	1	Yoke-Linkage, Brake	15	321-18	2	Screw-HH
5:4	3219-3	2	Nut-Hex	16	3253-3	2	Washer-Lock
5:5	114-4041	1	Hose-Foam	17	1-633268	1	Grip-Lever
6	104-8301	3	Nut-Flange, NI	18	117-9235	1	Valve ASM
7	323-7	1	Screw-HH	19	323-5	2	Screw-HH
8	283-2	1	Pin-Clevis				

● Not serviced separately



## Carrier Frame Assembly

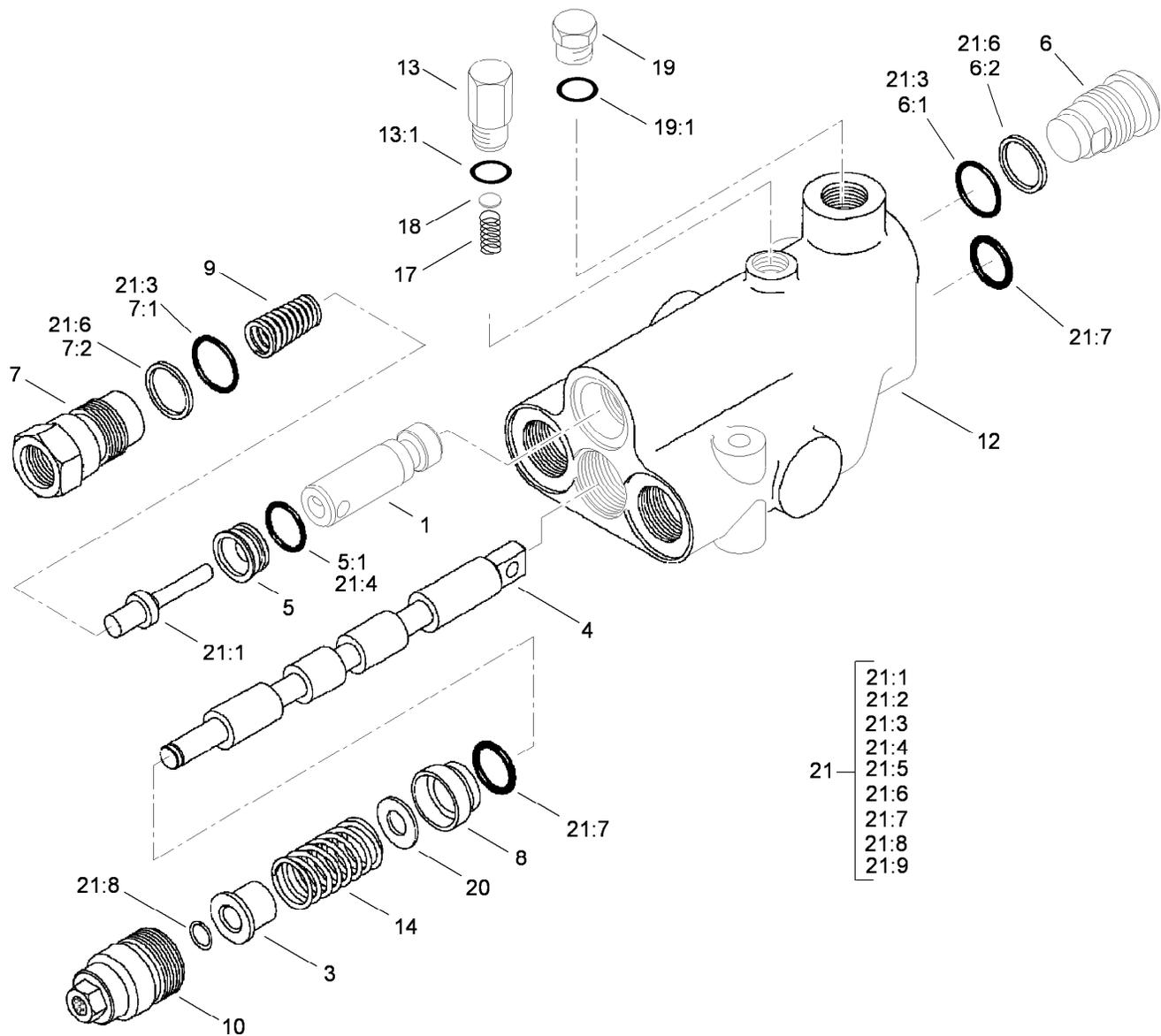
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	254-107	4	Cup-Bearing, Tapered
3	302-64	2	Fitting-Grease
5	240-14	4	Bumper-Rubber
6	112-1620	1	Decal-HOC
7	99-4693	1	Decal
8	237-141	1	Grommet-Rubber
9	58-6520	4	Decal-Grease
11	1-811010	2	Plug
12	94-7574	2	Bushing-Flanged
13	256-268	2	Bushing
14	104-7201	4	Nut-HF



## 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

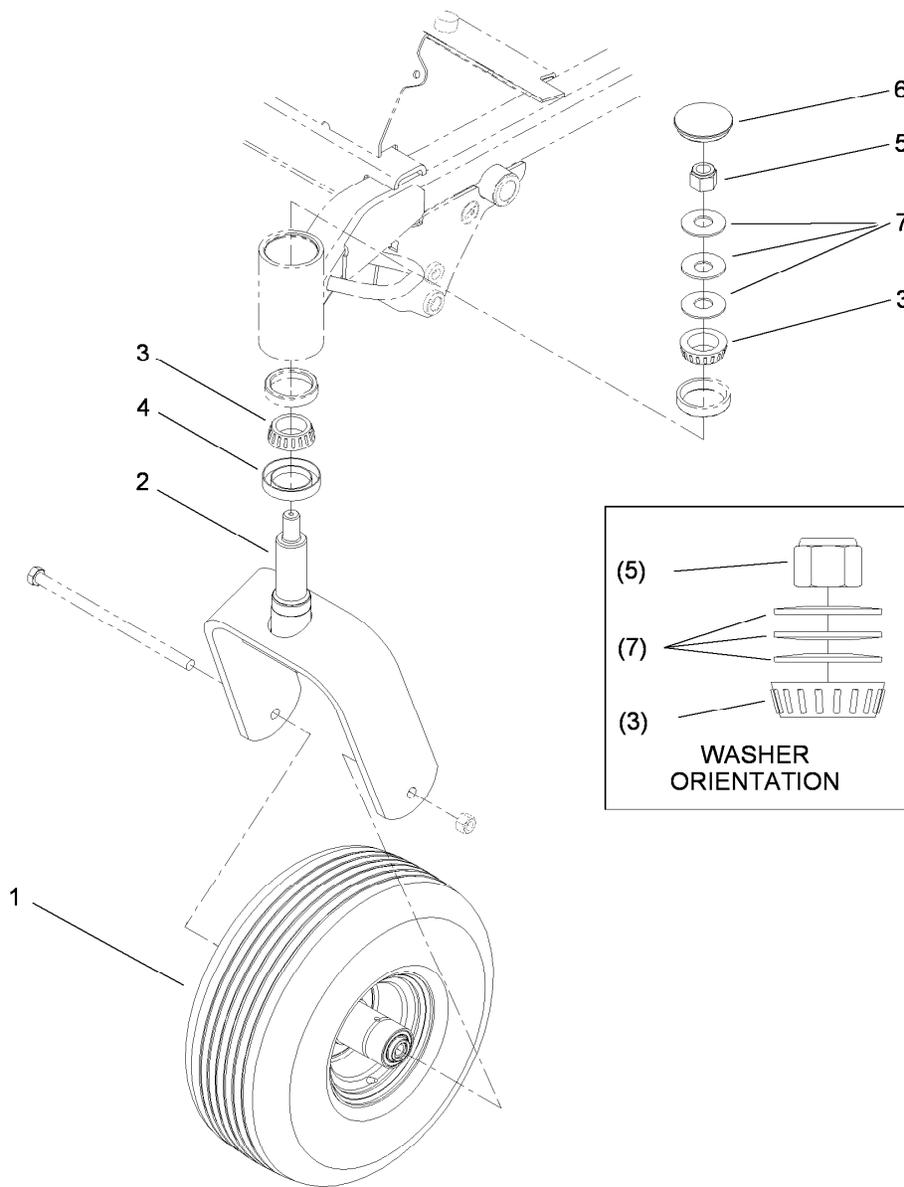


## Hydraulic Valve Assembly No. 117-9235

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	99-3586	1	Plunger	14	99-3531	1	Spring
3	58-6310	1	Spacer	17	58-6760	1	Spring
4		1	Spool ■	18	60-6450	1	Disc
5	58-6330	1	Seat	19	58-6710	1	Plug
5:1	58-6340	1	O-Ring	19:1	58-6720	1	O-Ring
6	58-6350	1	Plug	20	65-2770	1	Washer
6:1	60-5720	1	O-Ring	21	99-3589	1	Seal Kit ●
6:2	58-6370	1	Washer	21:1	58-6290	2	Poppet
7	69-1800	1	Plug ASM	21:2	58-6320	1	Wiper
7:1	60-5720	1	O-Ring	21:3	60-5720	2	O-Ring
7:2	58-6370	1	Washer	21:4	58-6340	2	O-Ring
8	58-6400	1	Bushing	21:5	93-6314	1	O-Ring
9	69-1810	1	Spring	21:6	58-6370	2	Washer
10	58-6420	1	Cap	21:7	58-6450	2	O-Ring
12		1	Body ■	21:8	58-6460	1	Ring-Retaining
13	58-6780	1	Plug	21:9		1	O-Ring ■
13:1	58-6790	1	O-Ring				

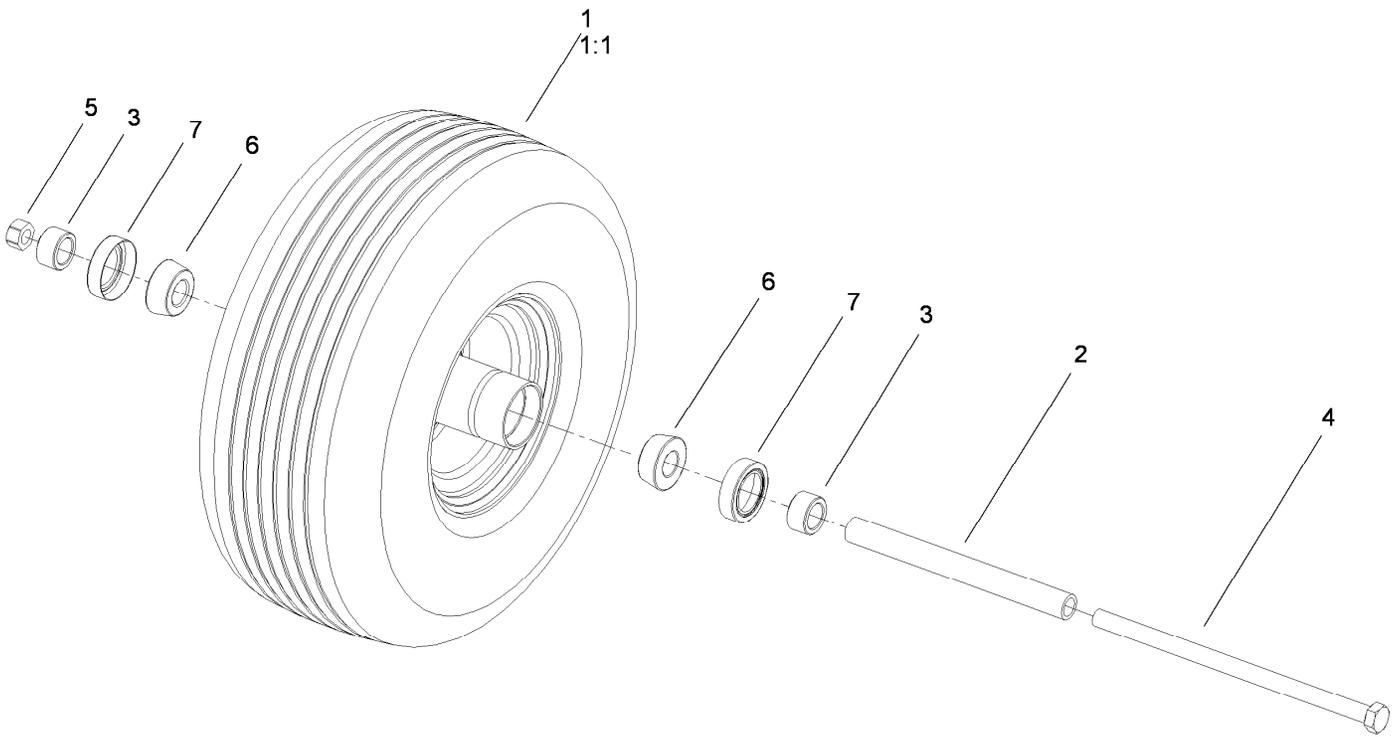
● Not illustrated

■ Not serviced separately



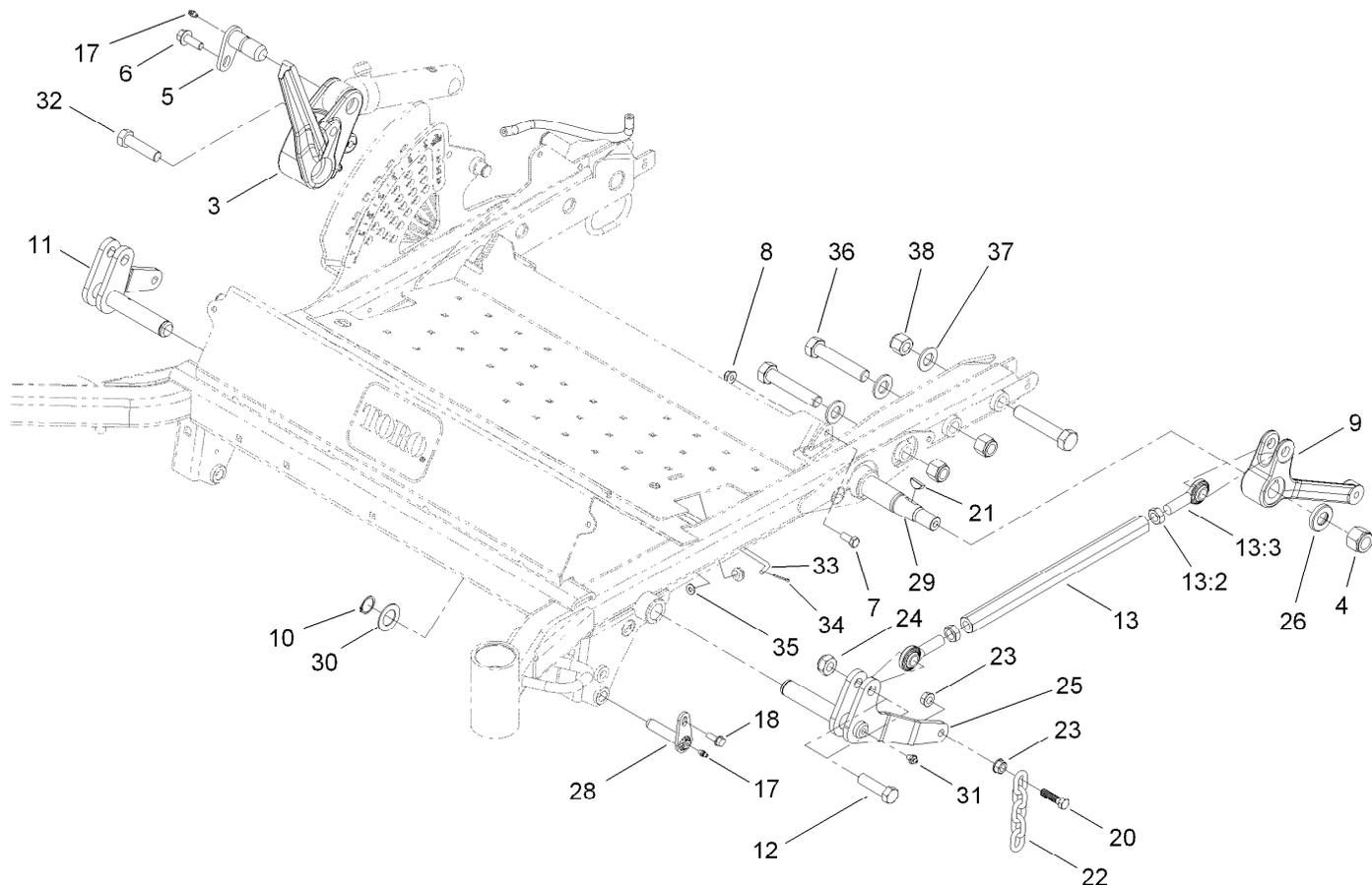
## Caster Fork Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	108-9954	2	Caster Wheel ASM
2	108-9946-03	2	Fork-Caster
3	254-106	4	Cone-Bearing, Tapered
4	69-2980	2	Seal
5	3296-51	2	Nut-Lock, NI
6	108-9950	2	Cap-Grease
7	108-9957	6	Washer-Belleville



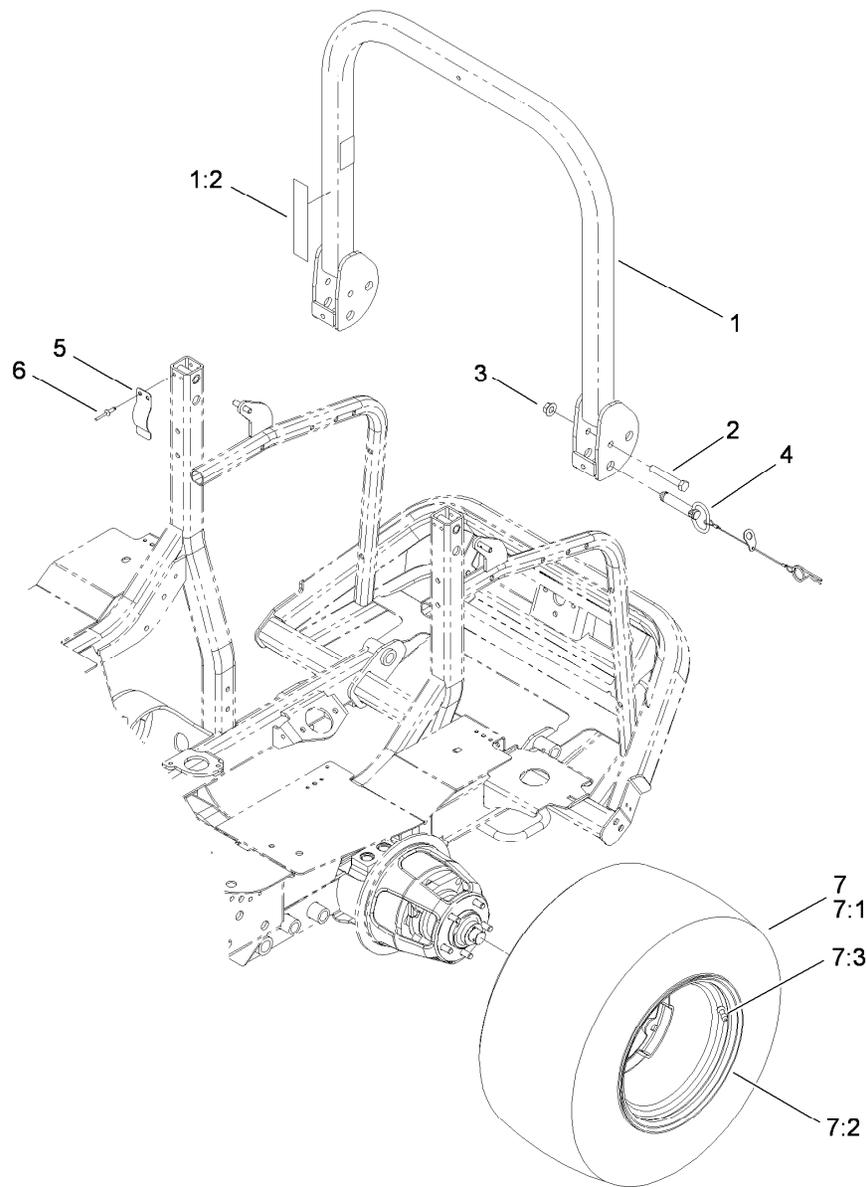
## Caster Wheel Assembly No. 108-9954

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	108-9956	1	Tire And Wheel ASM
1:1	108-9955	1	Tire
2	1-633959	1	Spacer-Caster, Front
3	1-633581	2	Spacer-Bearing
4	325-39	1	Screw-HH
5	3296-25	1	Nut-Lock, NI
6	1-633585	2	Bearing-Cone, Taper
7	1-633580	2	Seal-Bearing



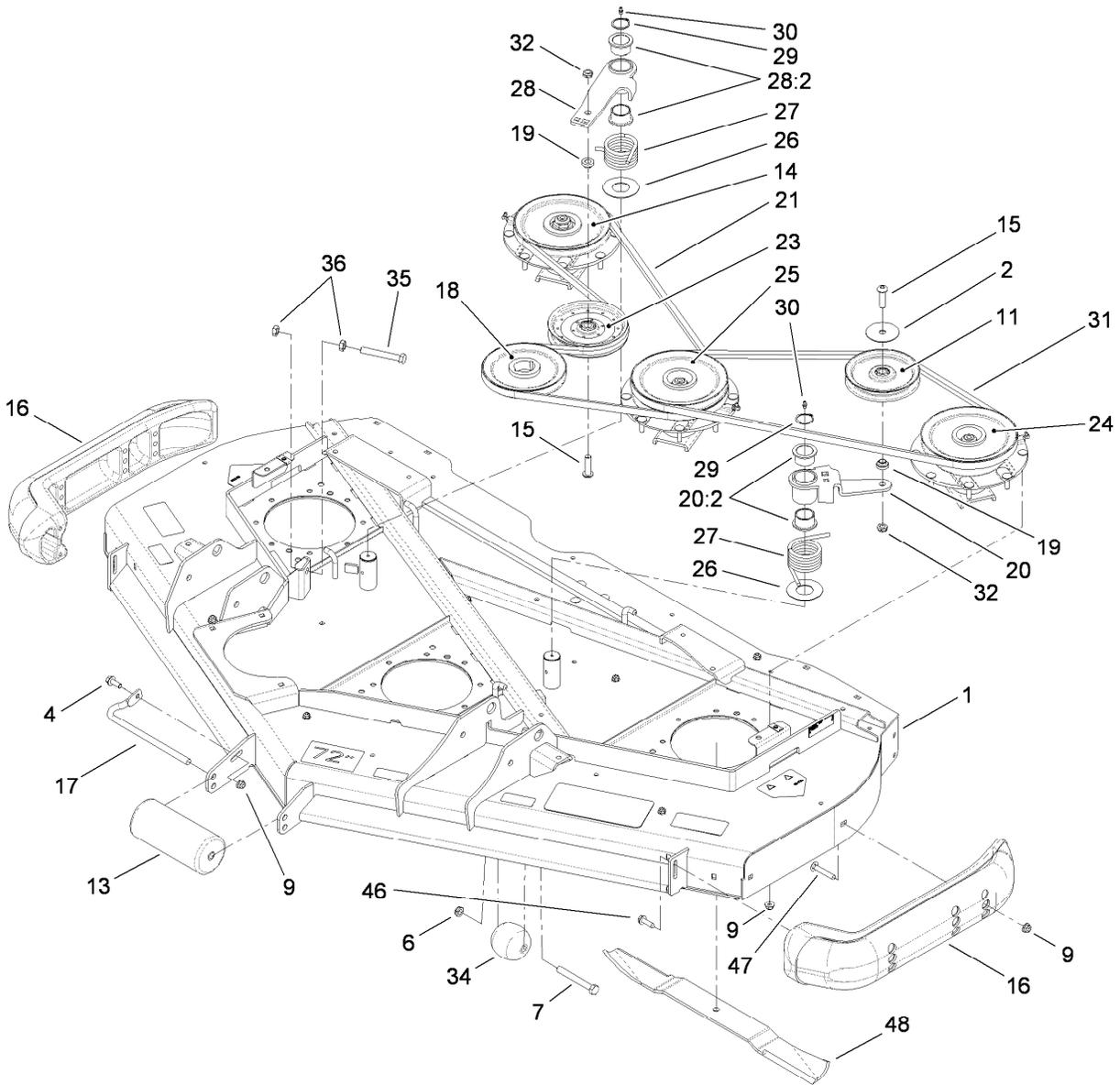
## Deck Linkage Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
3	112-1635	1	Arm-Lift, RH	22	1-633447	4	Chain-Lift, Deck
4	94-8000	2	Nut-Hex	23	32128-37	6	Nut-HF
5	98-2654	1	Pivot Pin ASM	24	3296-61	3	Nut-Lock
6	3234-15	1	Screw-HHF	25	110-9818-03	1	LH Lift ASM
7	323-5	2	Screw-HH	26	112-9585	2	Washer-Hardened
8	104-8301	2	Nut-Flange, NI	28	112-1602	2	Pin-Retainer
9	112-1637	1	Arm-Lift, LH	29	112-9522-03	1	Shaft-Lift, Deck
10	32151-29	2	Ring-Retaining	30	69-9010	2	Washer
11	110-9820-03	1	RH Lift ASM	31	302-2	2	Fitting-Grease
12	327-22	3	Screw-HH	32	327-7	1	Screw-HH
13	114-4059	2	Link ASM	33	110-9847	1	Rod-Prop
13:2	3220-6	2	Nut-Jam	34	3272-6	1	Pin-Cotter
13:3	1-633029	2	Balljoint-Spherical	35	3256-22	1	Washer-Flat
17	302-5	3	Fitting-Grease	36	328-7	5	Screw-HH
18	32144-41	2	Screw-Taptite	37	92-5836	5	Washer
20	103-1898	4	Screw-HH	38	3296-51	5	Nut-Lock, NI
21	3257-42	2	Key-Woodruff				



## Roll-Over and Protection System and Rear Wheel Assembly

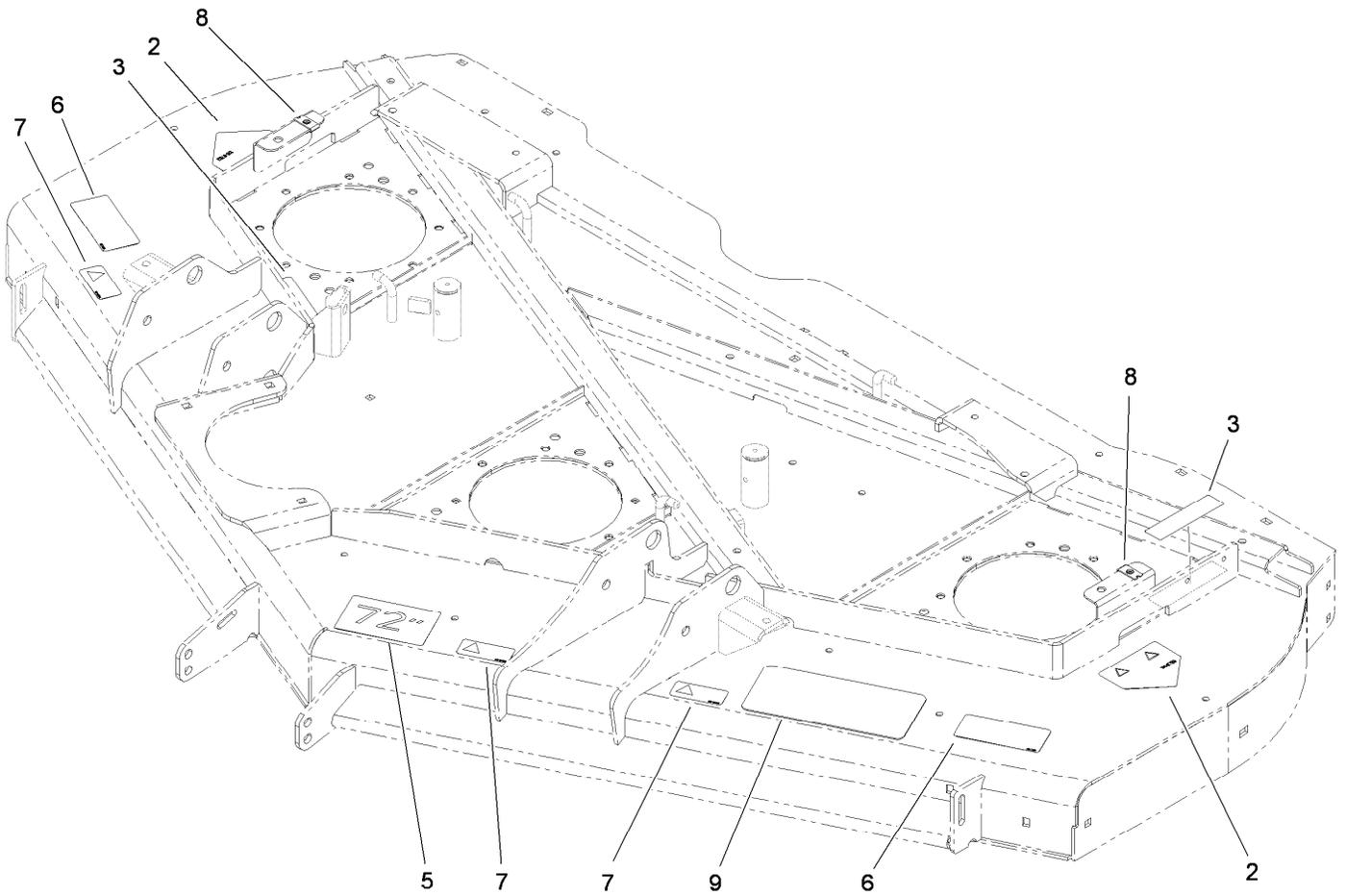
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	110-9770	1	Upper ROPS ASM
1:2	107-3069	1	Decal-Warning, Folding ROPS
2	325-13	2	Screw-HH
3	32128-23	2	Nut-HF
4	103-4553	2	ROPS Fold Pin ASM
5	110-5696	2	Spring-Leaf
6	3290-412	4	Rivet
7	106-7864	2	Tire And Wheel ASM
7:1	106-7868	1	Tire
7:2	87-6750	1	Wheel
7:3	232-27	1	Stem-Valve



## Roller, Belt and Pulley Assembly

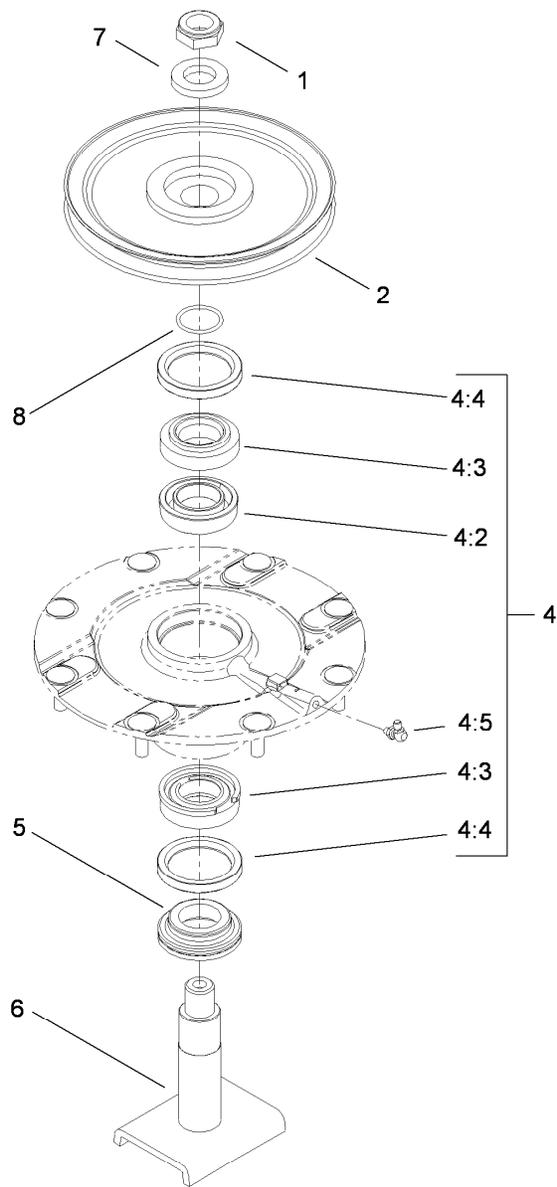
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	108-9903	1	Deck ASM	24	119-4549	1	High-Driven Spindle ASM
2	100-3102	1	Washer-Flat	25	119-4548	1	Double Driven Spindle ASM
4	3234-42	1	Screw-HHF	26	108-1926	2	Washer
6	3296-45	2	Nut-Lock, NI	27	108-1921	2	Spring-Torsion
7	325-17	2	Screw-HH	28	108-1930	1	Idler Arm ASM
9	104-8301	29	Nut-Flange, NI	28:2	93-4510	2	Bushing-Caster
11	01-268-0160	1	Pulley-Idler	29	32120-84	2	Ring-Snap, External
13	68-6710	1	Roller	30	302-5	2	Fitting-Grease
14	119-4776	1	Low-Driven Spindle ASM	31	110-9593	1	Belt - V
15	108-1993	2	Screw-HSBH	32	3296-45	2	Nut-Lock, NI
16	112-1479	2	Skid-Bumper, Deck	34	29-4820	2	Roller
17	68-6840	1	Shaft-Roller	35	325-14	1	Screw-HH
18	107-4725	1	Pulley	36	3218-5	2	Nut-Jam
19	108-1924	2	Spacer-Idler	46	9136144	2	Screw-HWHTF
20	117-9176	1	Idler Arm ASM	47	3231-33	4	Screw-CARR
20:2	93-4510	2	Bushing-Caster	48	108-1958-03	3	Blade-Rotary
21	110-9592	1	Belt - V	48	112-9586-03	3	Blade-Flat ●
23	110-9596	1	Pulley-Idler				

● Not illustrated



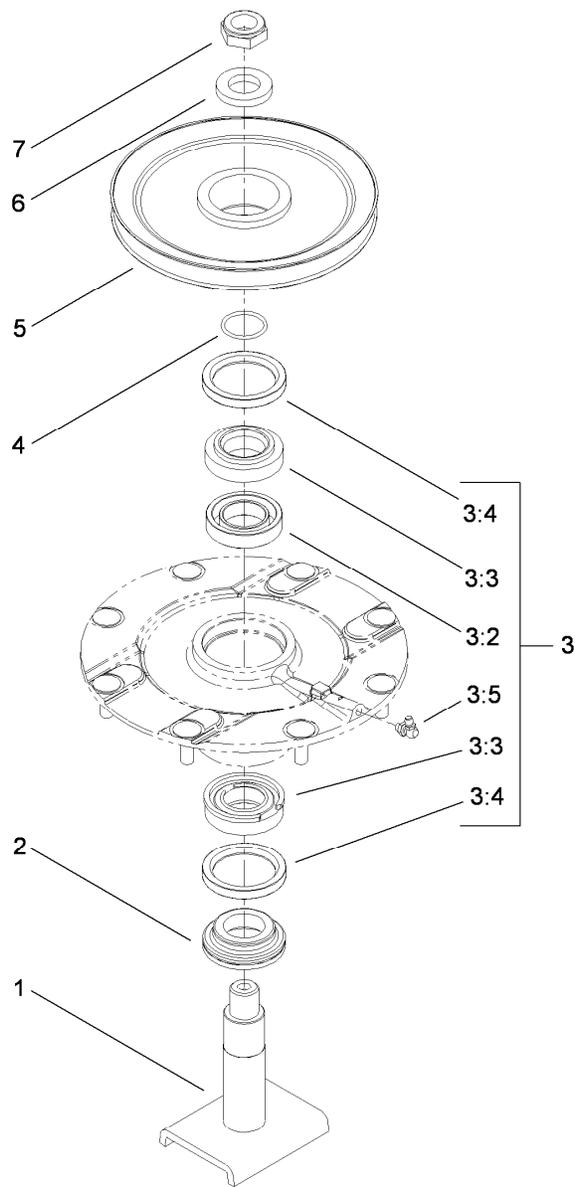
## Deck Decal Assembly No. 108-9903

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	106-6753	2	Decal-Danger, Ce
3	100-6578	2	Decal-Danger
5	57-0280	1	Decal
6	93-7818	2	Decal-Torque, Blade Bolt
7	93-6696	3	Decal-Warning
8	110-3510	4	Nut-Retainer
9	110-0988	1	Tread-Floor, Side



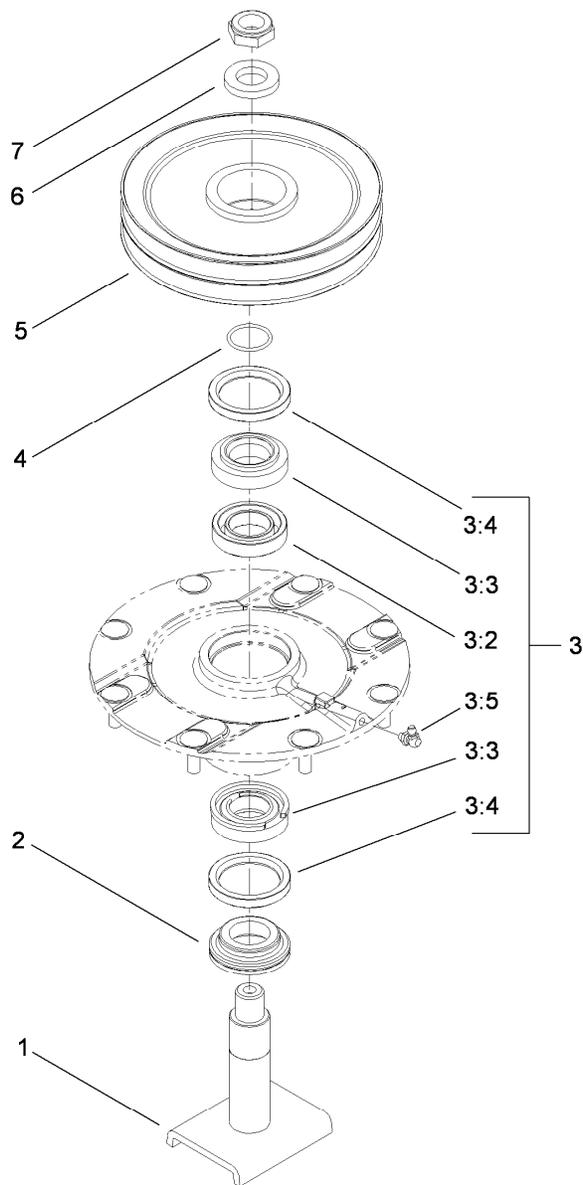
## Low Driven Spindle Assembly No. 119-4776

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	3296-60	1	Nut-Lock, NI
2	104-3546	1	Pulley-Driven, Low
4	119-4775	1	Spindle Housing ASM
4:2	104-3549	1	Bearing Spacer Set
4:3	110-8297	1	Bearing ASM
4:4	253-154	2	Seal-Oil
4:5	302-60	1	Fitting-Grease
5	69-6950	1	Spacer-Shaft, Spindle
6	104-3554	1	Spindle Shaft ASM
7	104-8322	1	Washer-Hardened
8	106-7159	1	O-Ring



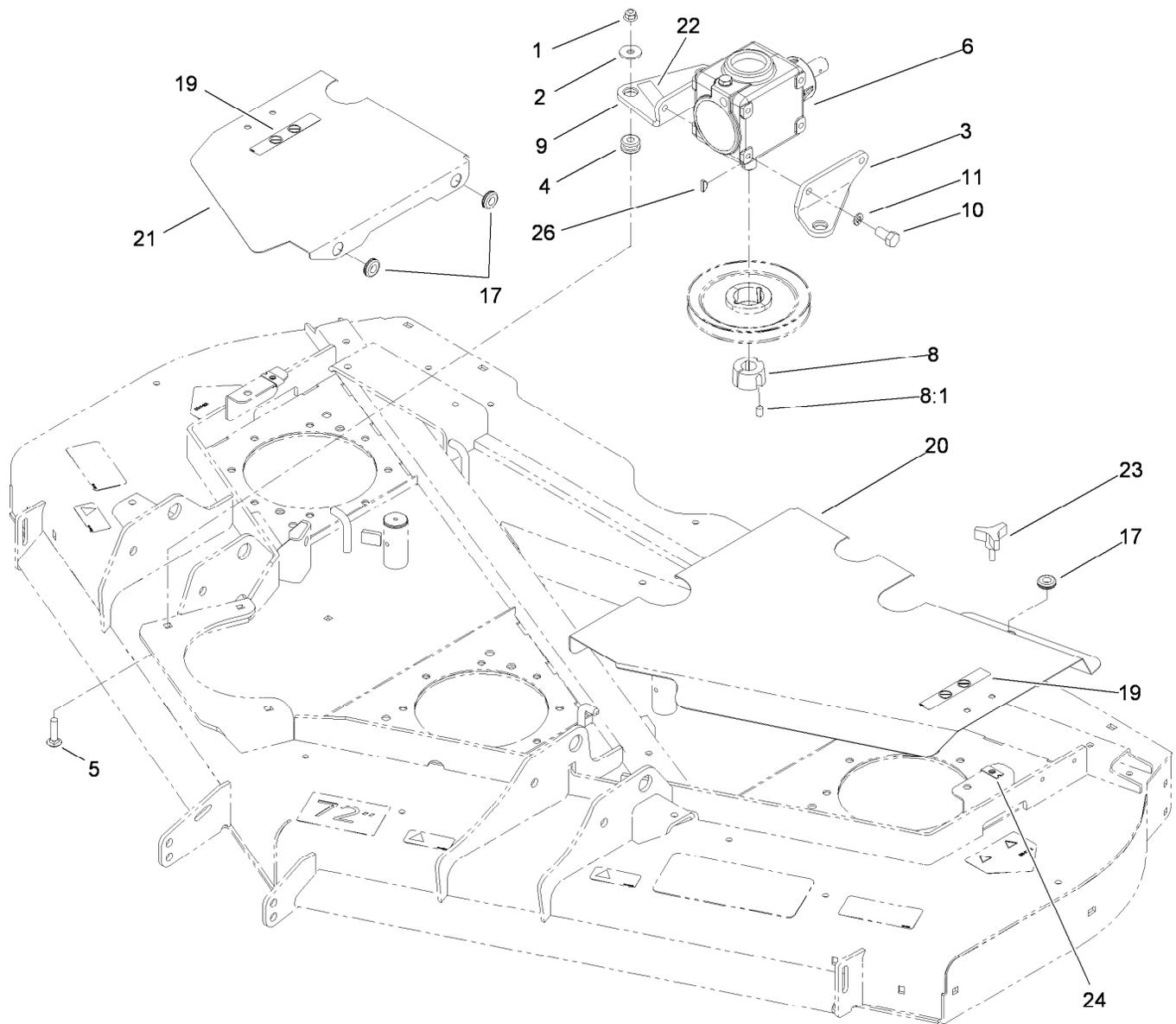
## High Driven Spindle Assembly No. 119-4549

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	104-3554	1	Spindle Shaft ASM
2	69-6950	1	Spacer-Shaft, Spindle
3	119-4775	1	Spindle Housing ASM
3:2	104-3549	1	Bearing Spacer Set
3:3	110-8297	1	Bearing ASM
3:4	253-154	2	Seal-Oil
3:5	302-60	1	Fitting-Grease
4	106-7159	1	O-Ring
5	104-3548	1	Pulley-Driven, High
6	104-8322	1	Washer-Hardened
7	3296-60	1	Nut-Lock, NI



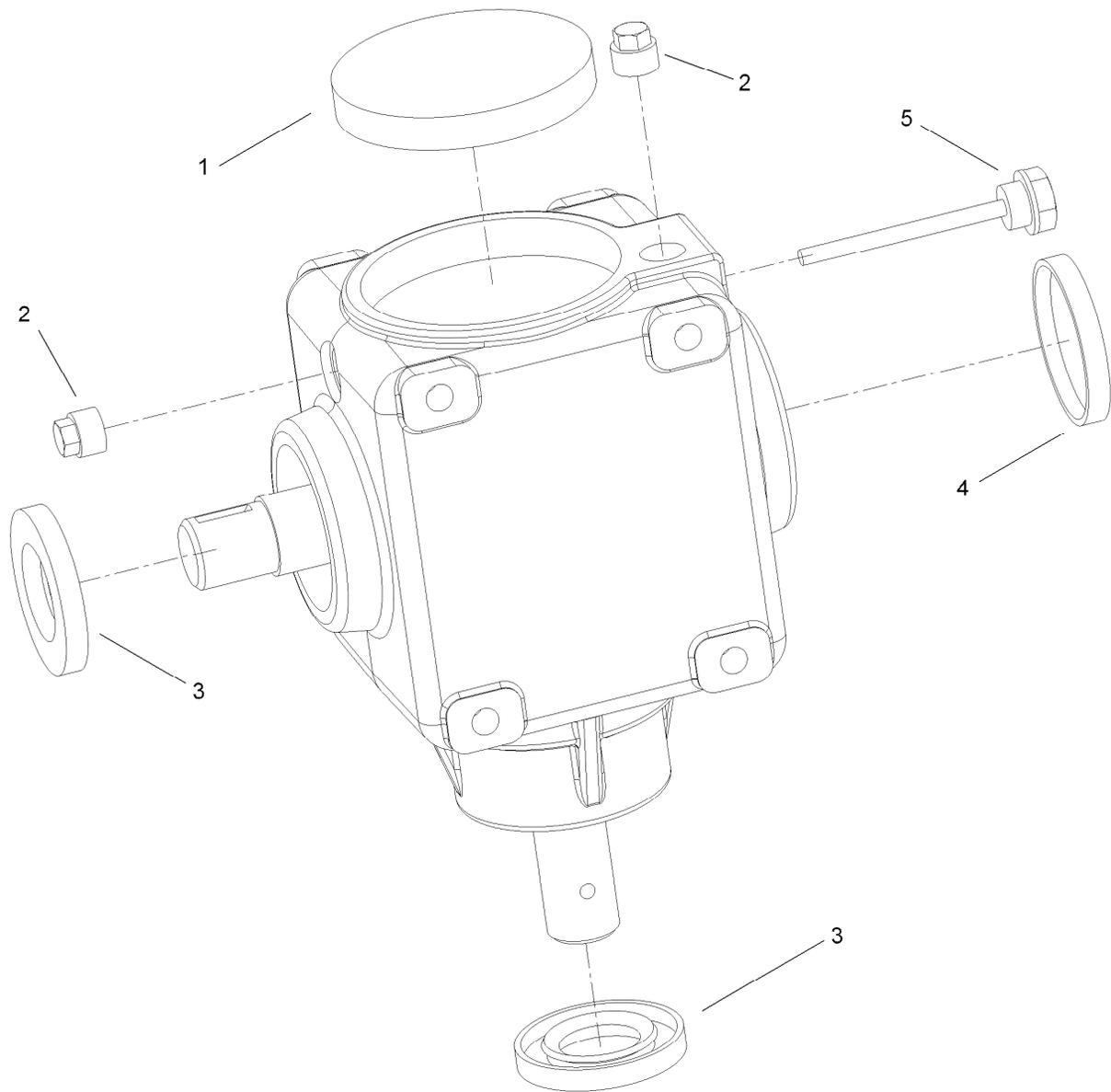
## Double Driven Spindle Assembly No. 119-4548

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	104-3554	1	Spindle Shaft ASM
2	69-6950	1	Spacer-Shaft, Spindle
3	119-4775	1	Spindle Housing ASM
3:2	104-3549	1	Bearing Spacer Set
3:3	110-8297	1	Bearing ASM
3:4	253-154	2	Seal-Oil
3:5	302-60	1	Fitting-Grease
4	106-7159	1	O-Ring
5	104-3547	1	Pulley-Driven, Double
6	104-8322	1	Washer-Hardened
7	3296-60	1	Nut-Lock, NI



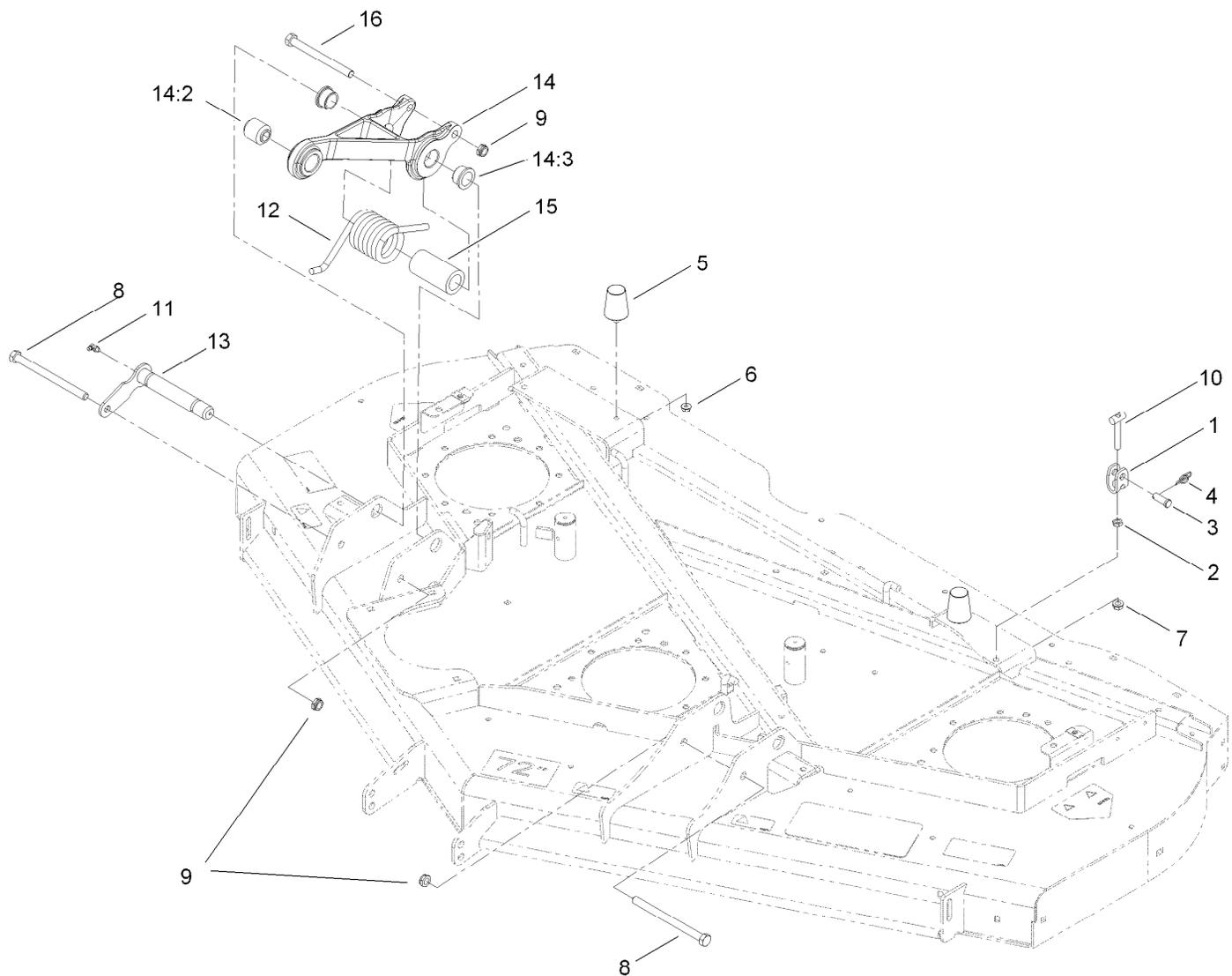
## Cover and Gearbox Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	104-8301	3	Nut-Flange, NI	11	3253-21	4	Washer-Lock
2	63-8410	3	Washer	17	112-9559	5	Grommet
3	110-6384-03	1	Bracket-Gearbox, LH	19	93-6687	2	Decal-No Step
4	63-9750	3	Mount	20	112-1450-03	1	Cover-Deck, LH
5	3231-26	3	Screw-CARR	21	112-1451-03	1	Cover-Deck, RH
6	117-9245-03	1	Gearbox ASM	22	93-6697	1	Decal-Lube
8	23-1640	1	Bushing-Taperlock	23	106-2240	2	Knob
8:1	3247-4	2	Screw-Set	24	110-3510	2	Nut-Retainer
9	110-6385-03	1	Bracket-Gearbox, RH	26	3257-5	1	Key-Woodruff
10	323-4	4	Screw-HH				



## Gearbox Assembly No. 117-9245-03

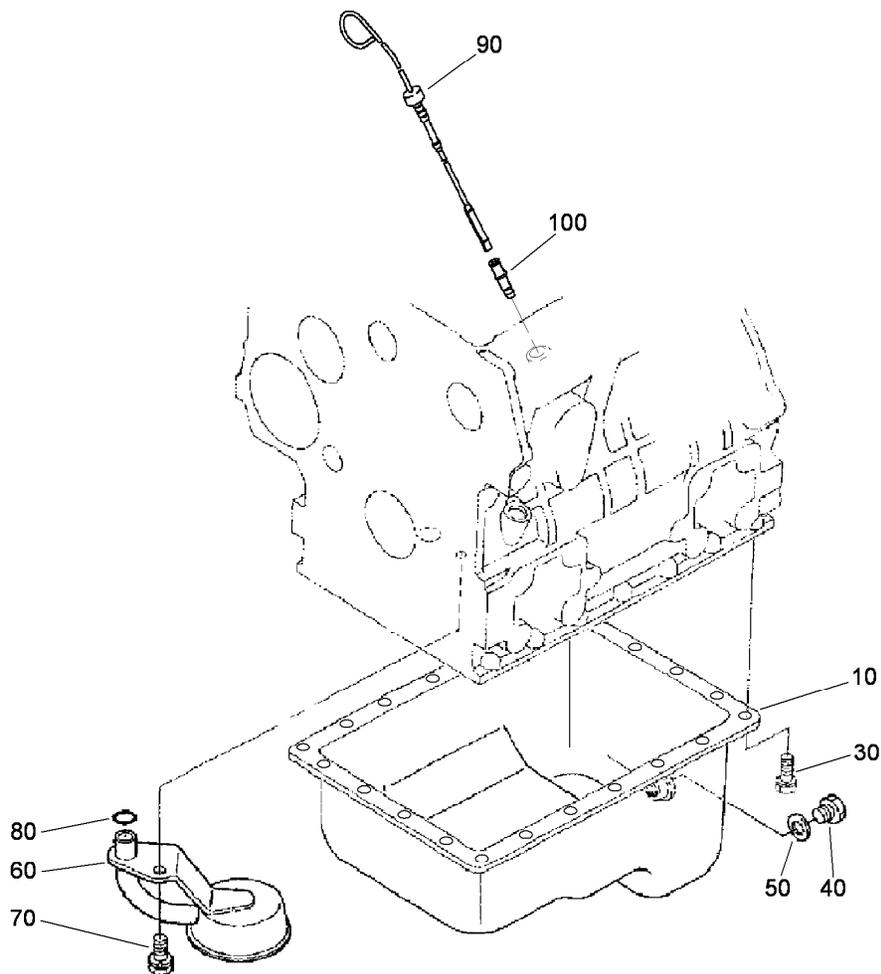
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	107-2932	1	Cap-Oil
2	107-2933	2	Plug
3	117-9247	2	Seal
4	107-2935	1	Cap-Oil
5	110-8283	1	Plug-Filler, Dipstick



## Adjustment Link and Bumper Assembly

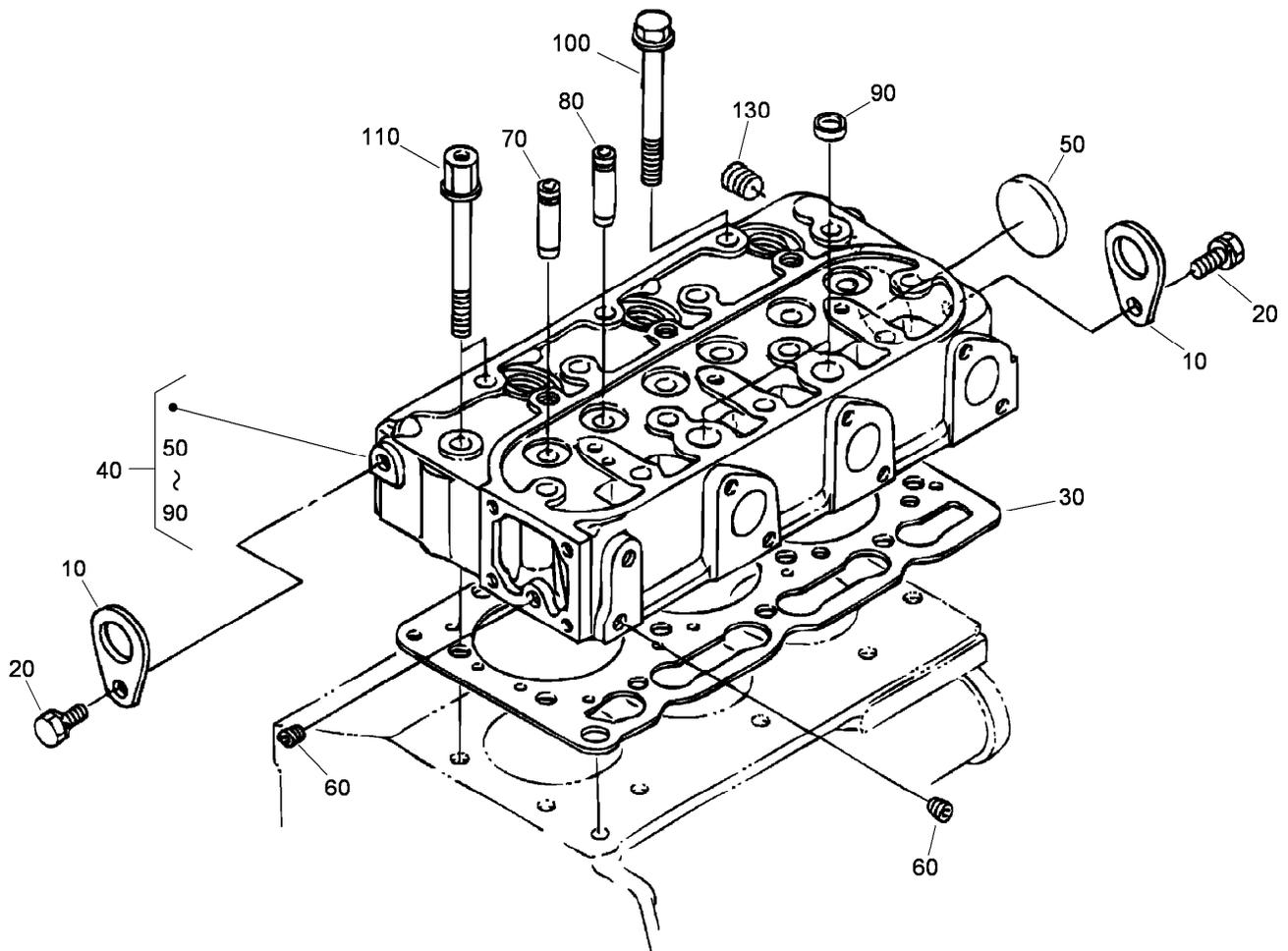
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	115-1429	4	Yoke-Clevis	10	115-1431	4	T-Bar ASM
2	3218-3	4	Nut-Jam	11	302-60	4	Fitting-Grease
3	700601	4	Pin-Clevis	12	110-9828	2	Spring-Torsion
4	112-1491	4	Pin-Cotter, Rue Ring	13	112-1622	2	Pin
5	110-5070	2	Bumper-Neoprene	14	112-1625	2	Pull Link ASM
6	104-8300	2	Nut-Flange, NI	14:2	107-2328	1	Bushing
7	3290-357	4	Nut-HHF, Whiz	14:3	114-5680	2	Bushing-Flange
8	325-33	2	Screw-HH	15	110-9845	2	Spacer-Plain
9	3296-45	4	Nut-Lock, NI	16	325-22	2	Screw-HH





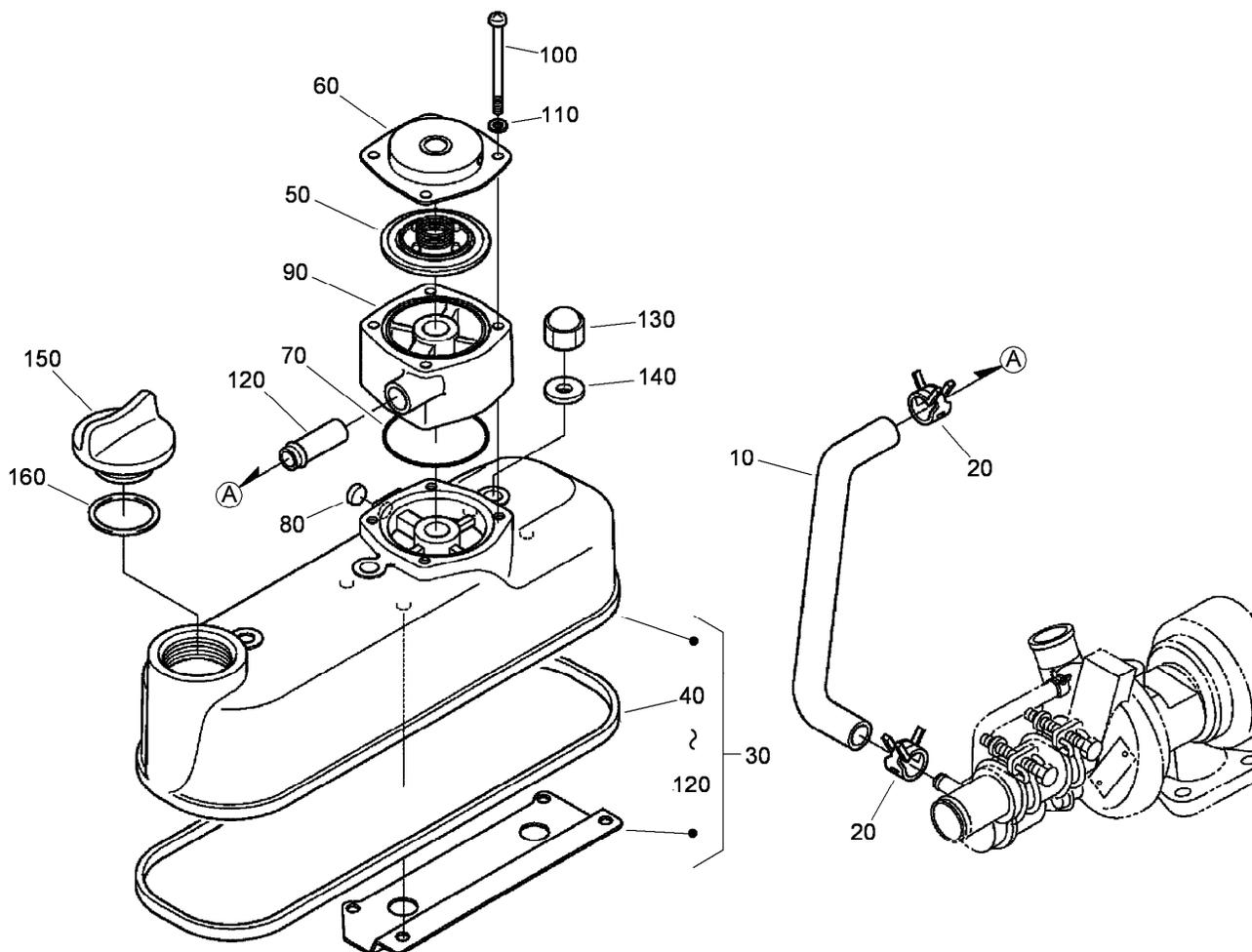
## Oil Pan Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	112-0179	1	Pan-Oil
30	98-9351	22	Bolt
40	114-8151	1	Plug-Drain
50	98-7524	1	Gasket
60	112-7044	1	Head-Filter
70	98-7526	1	Bolt
80	105-3776	1	O-Ring
90	107-9076	1	Gauge-Oil
100	105-4580	1	Guide-Gauge, Oil



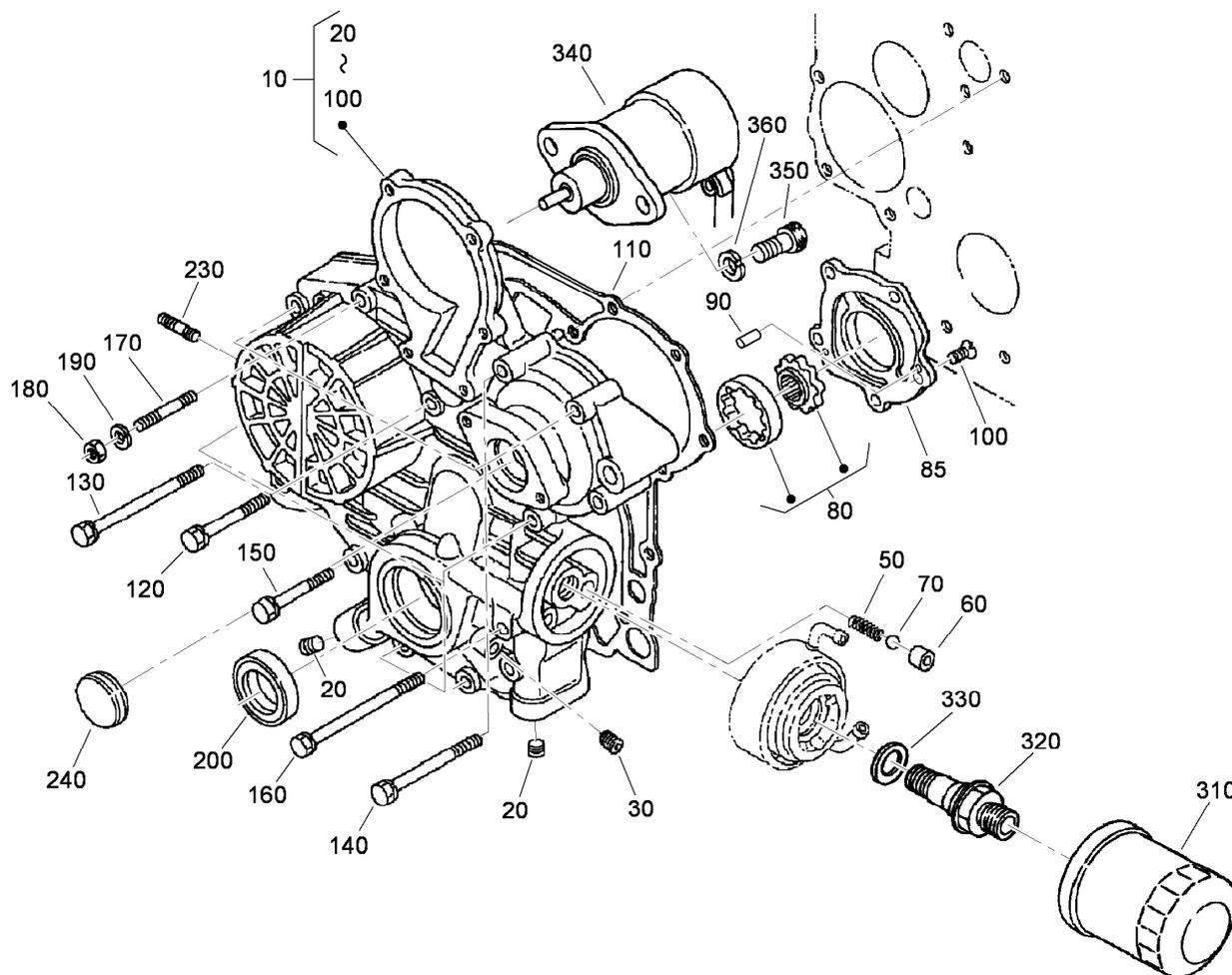
## Cylinder Head Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-7531	2	Hook-Engine
20	100-9195	2	Bolt
30	108-6573	1	Gasket-Head, Cylinder
40	107-7823	1	Cylinder Head ASM
50	105-3705	1	Cap-Sealing
60	98-7540	2	Plug
70	107-9066	3	Guide-Valve, Inlet
80	107-9067	3	Guide-Valve, Exhaust
90	98-9389	2	Cap-Sealing
100	98-9479	12	Bolt-Head, Cylinder
110	98-9647	2	Bolt-Head, Cylinder
130	98-9444	1	Plug



## Head Cover Assembly

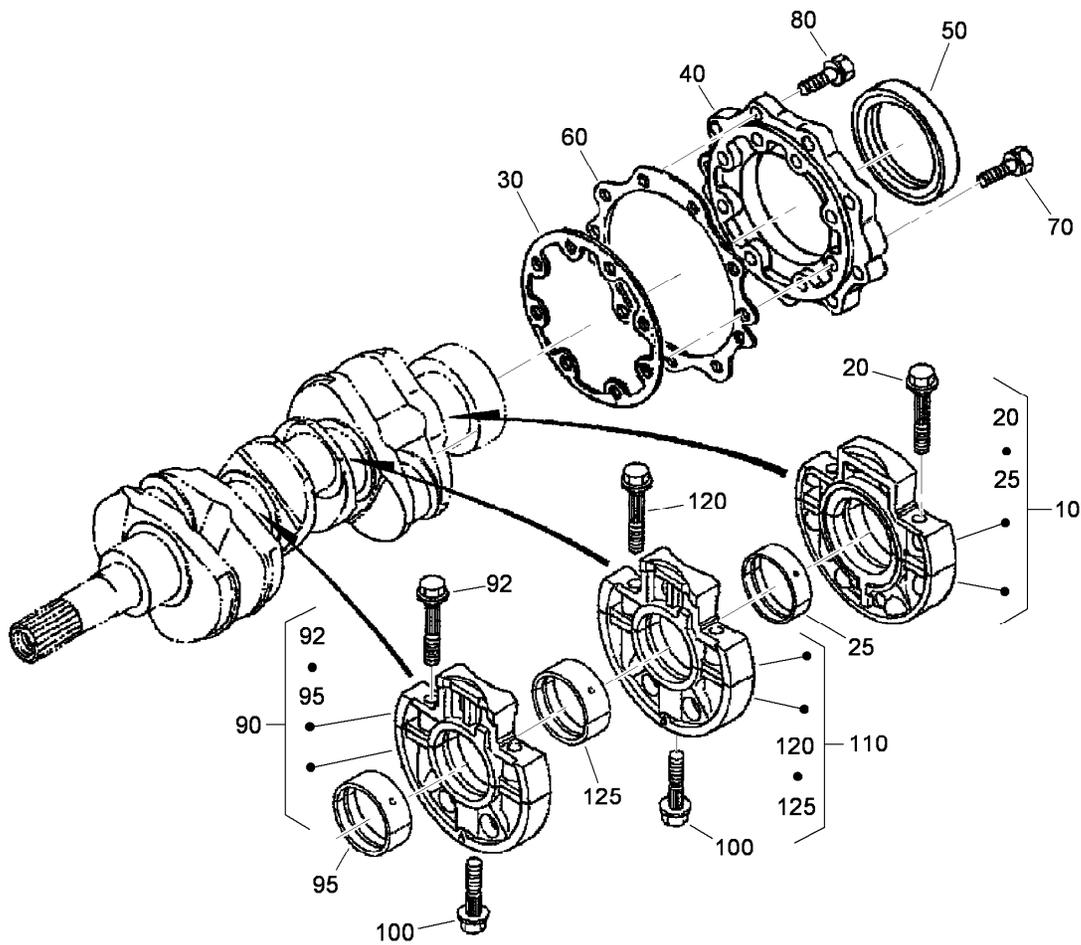
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	115-3040	1	Tube-Breather
20	108-2859	2	Clamp-Hose
30	115-3041	1	Cylinder Head Cover ASM
40	98-9615	1	Gasket-Cover, Head
50	108-2861	1	Breather Valve ASM
60	110-3714	1	Cover-Breather
70	110-3846	1	O Ring-Breather
80	115-3042	1	Cap-Sealing
90	115-3043	1	Spacer-Breather
100	115-3044	4	Screw-Pan Head
110	100-2204	4	Washer-Spring
120	98-7766	1	Pipe-Return, Water
130	98-9455	3	Nut-Cap
140	98-9454	3	Gasket
150	107-9075	1	Plug-Filler, Oil
160	99-3446	1	O-Ring



## Gear Case Assembly

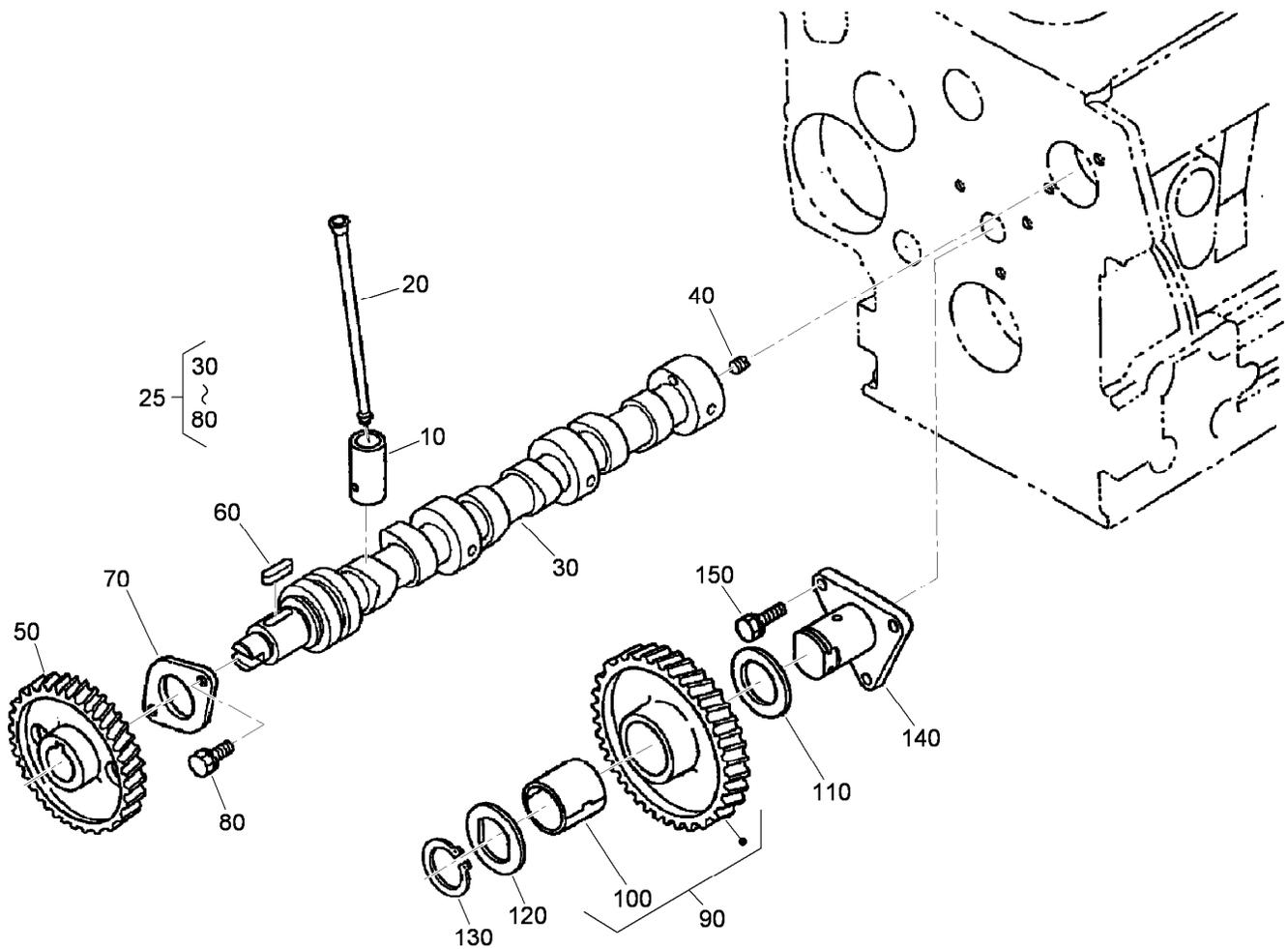
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	115-4111	1	Gear Case ASM
20	98-9598	2	Plug
30	98-7487	1	Plug
50	98-9544	1	Spring
60	98-9543	1	Seat-Valve
70	98-9380	1	Ball
80	98-9540	1	Oil Pump Rotor ASM
85	107-9069	1	Cover-Pump, Oil
90	107-9072	2	Pin-Straight
100	107-9071	5	Screw
110	98-9633	1	Gasket-Case, Gear
120	98-7496	3	Bolt
130	105-3797	4	Bolt
140	98-9356	4	Bolt

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
150	107-9074	1	Bolt
160	98-9586	2	Bolt
170	105-3709	1	Stud
180	98-7572	1	Nut
190	98-7699	1	Washer-Spring
200	98-9482	1	Seal-Oil
230	105-3710	2	Stud
240	98-9641	1	Cover-Case, Gear
310	108-3841	1	Filter-Oil
320	104-5159	1	Holder ASM
330	98-9727	1	Collar
340	104-5155	1	Solenoid-Stop
350	115-3039	2	Bolt-HSH
360	98-7699	2	Washer-Spring



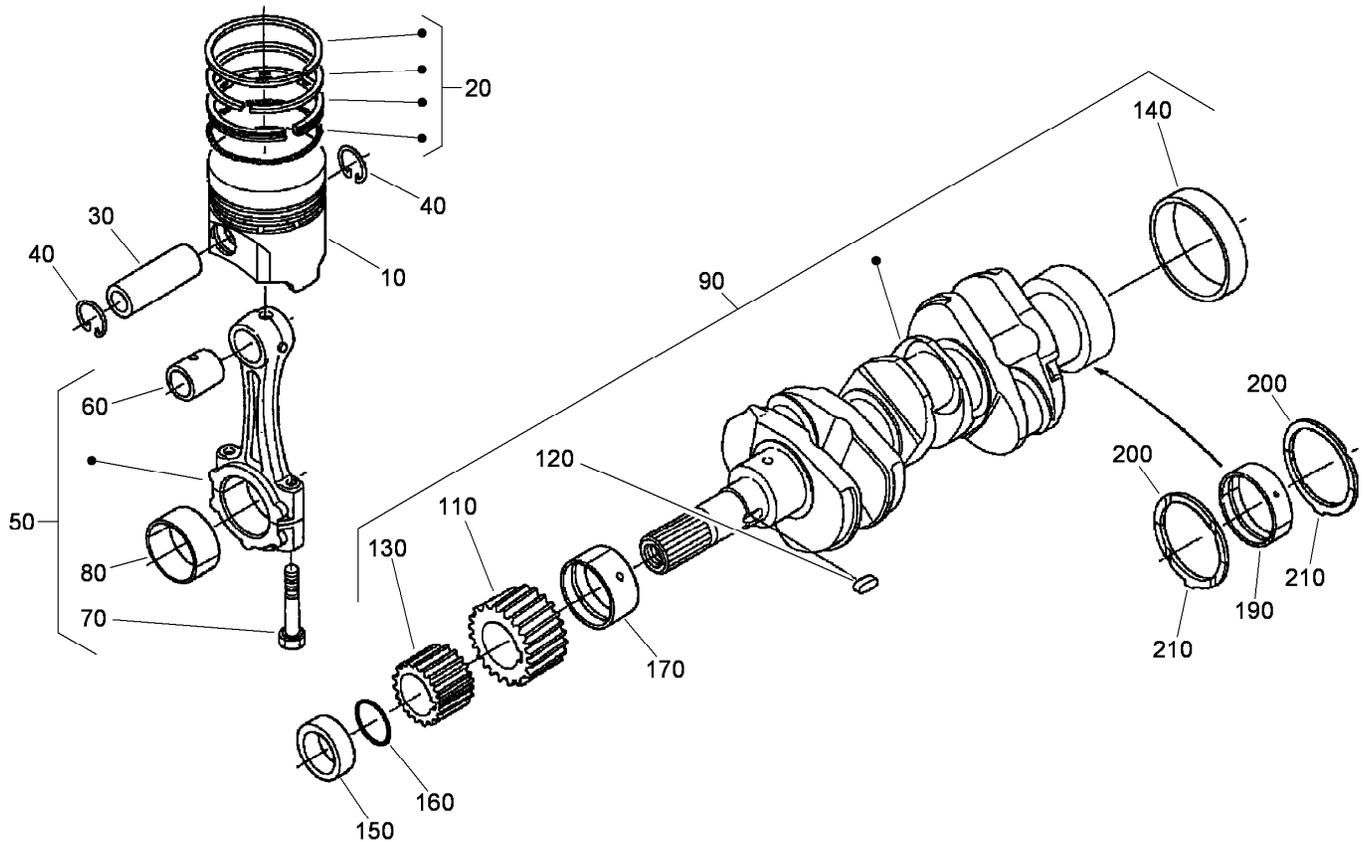
## Main Bearing Case Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	112-7026	1	Wheel Bearing Case ASM
20	98-9484	2	Bolt-Case, Bearing
25	112-7045	1	Metal-Crankshaft
25	112-7039	1	Metal-Crankshaft (0.2Mm)
25	112-7040	1	Metal-Crankshaft (-0.4Mm)
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	112-7028	1	Bearing ASM
92	98-9484	2	Bolt-Case, Bearing
95	112-7011	1	Bearing-Main (STD)
95	112-7012	1	Metal-Crankpin (-0.2Mm)
95	112-7013	1	Metal-Crankpin (-0.4Mm)
100	98-9485	2	Bolt-Case, Bearing
110	112-7027	1	Bearing ASM
120	98-9484	2	Bolt-Case, Bearing
125	112-7011	1	Bearing-Main (STD)
125	112-7012	1	Metal-Crankpin (-0.2Mm)
125	112-7013	1	Metal-Crankpin (-0.4Mm)



## Camshaft and Idle Gear Shaft Assembly

Ref.	Part Number	Qty.	Description
10	112-0185	6	Tappet
20	98-9509	6	Rod-Push
25	112-7029	1	Camshaft ASM
30	108-1403	1	Camshaft
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

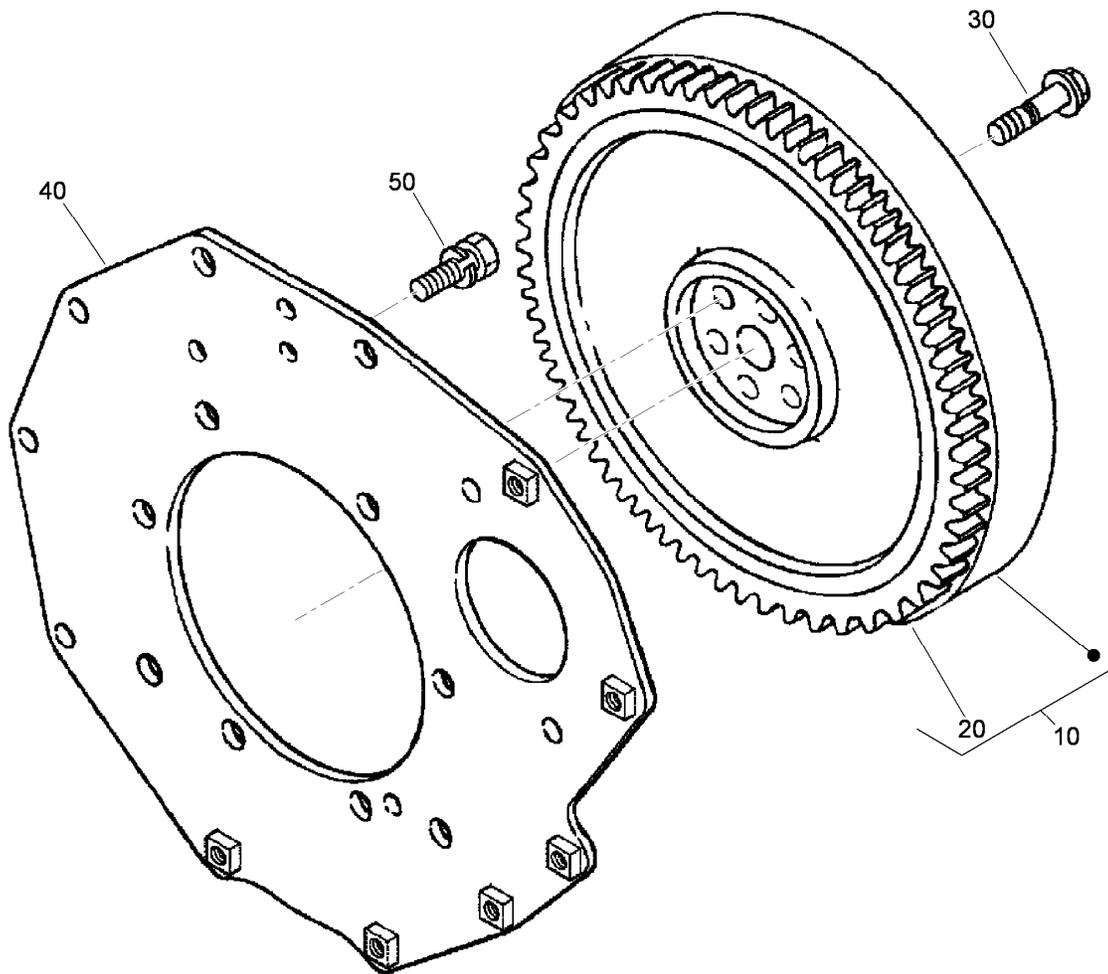


## Piston and Crankshaft Assembly

Ref.	Part Number	Qty.	Description
10	98-9550	3	Piston (STD)
10	108-1417	3	Piston (0.5Mm)
20	98-9551	3	Piston Ring ASM (STD)
20	108-1404	3	Piston Ring ASM (0.5Mm)
30	98-9513	3	Pin-Piston
40	98-9514	6	Circlip-Pin, Piston
50	98-9552	3	Connecting Rod ASM
60	115-3014	3	Bushing-Pin, Piston
70	98-9517	6	Bolt-Rod, Connecting
80	98-9553	3	Bearing-Rod (STD)
80	108-1405	3	Metal-Crankpin (-0.2Mm)
80	108-1406	3	Metal-Crankpin (-0.4Mm)
90	98-9642	1	Crankshaft ASM
100	110-3729	3	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

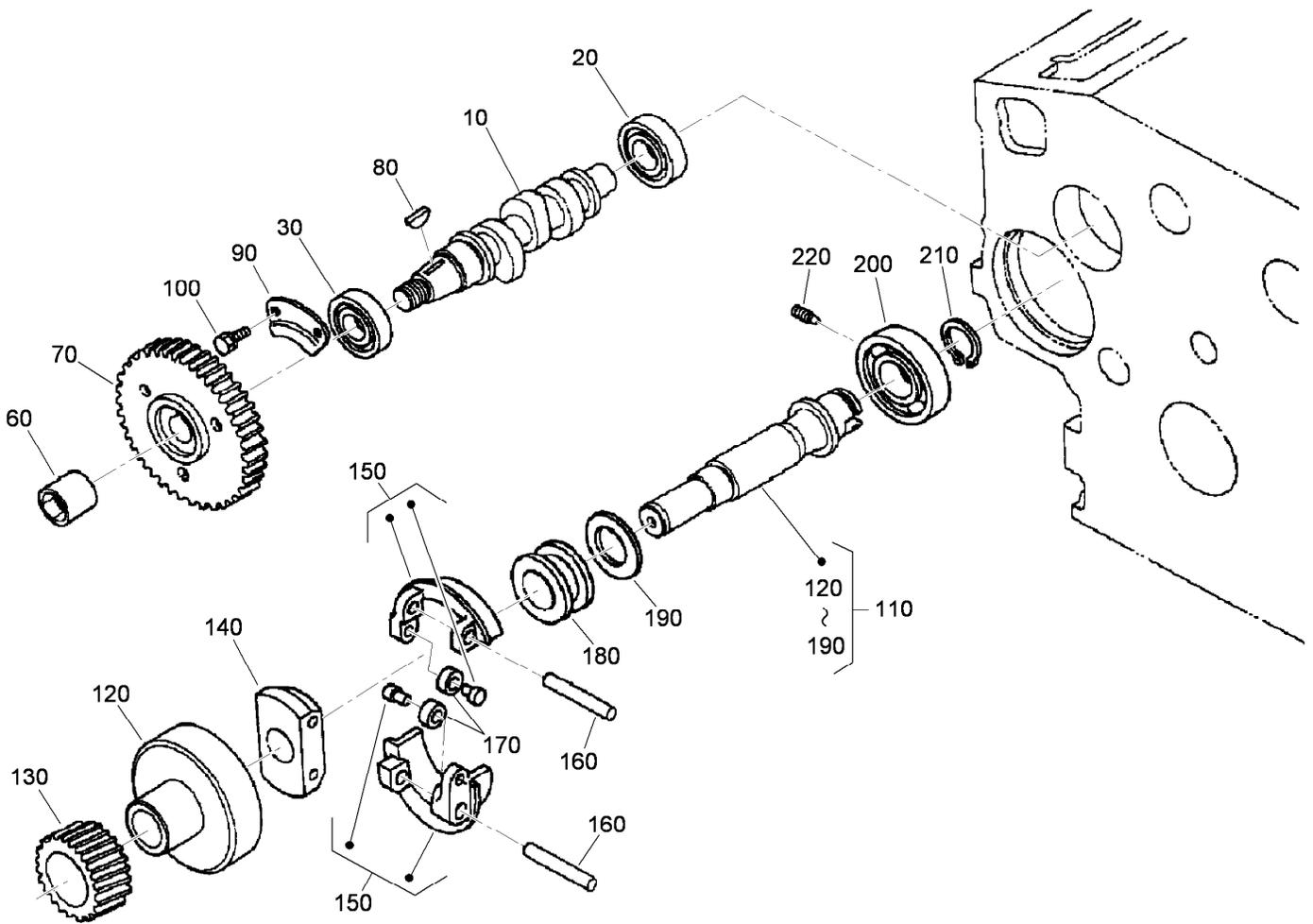
Ref.	Part Number	Qty.	Description
150	98-9521	1	Collar-Crankshaft
160	105-3783	1	O-Ring
170	112-7005	1	Bearing-Main (STD)
170	112-7009	1	Metal-Crankpin (-0.2Mm)
170	112-7010	1	Metal-Crankpin (-0.4Mm)
180	112-7011	2	Bearing-Main (STD) ●
180	112-7012	2	Metal-Crankpin (-0.2Mm) ●
180	112-7013	2	Metal-Crankpin (-0.4Mm) ●
190	112-7045	1	Metal-Crankshaft
190	112-7039	1	Metal-Crankshaft (0.2Mm)
190	112-7040	1	Metal-Crankshaft (-0.4Mm)
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)

● Not illustrated



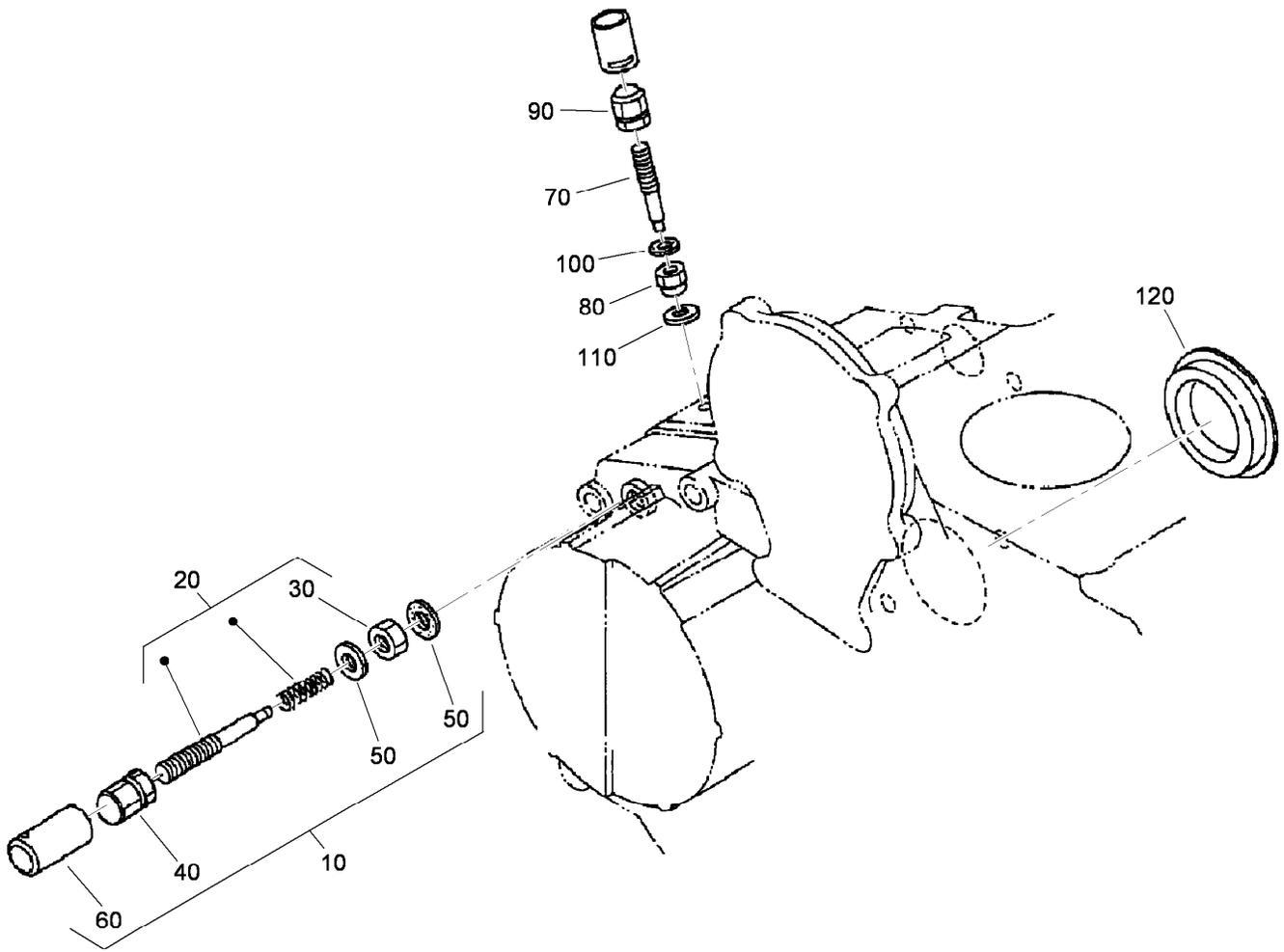
## Flywheel Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	105-3784	1	Flywheel ASM
20	115-3015	1	Gear-Ring
30	98-9537	6	Bolt-Flywheel
40	98-9486	1	Plate-End, Rear
50	98-9392	8	Bolt



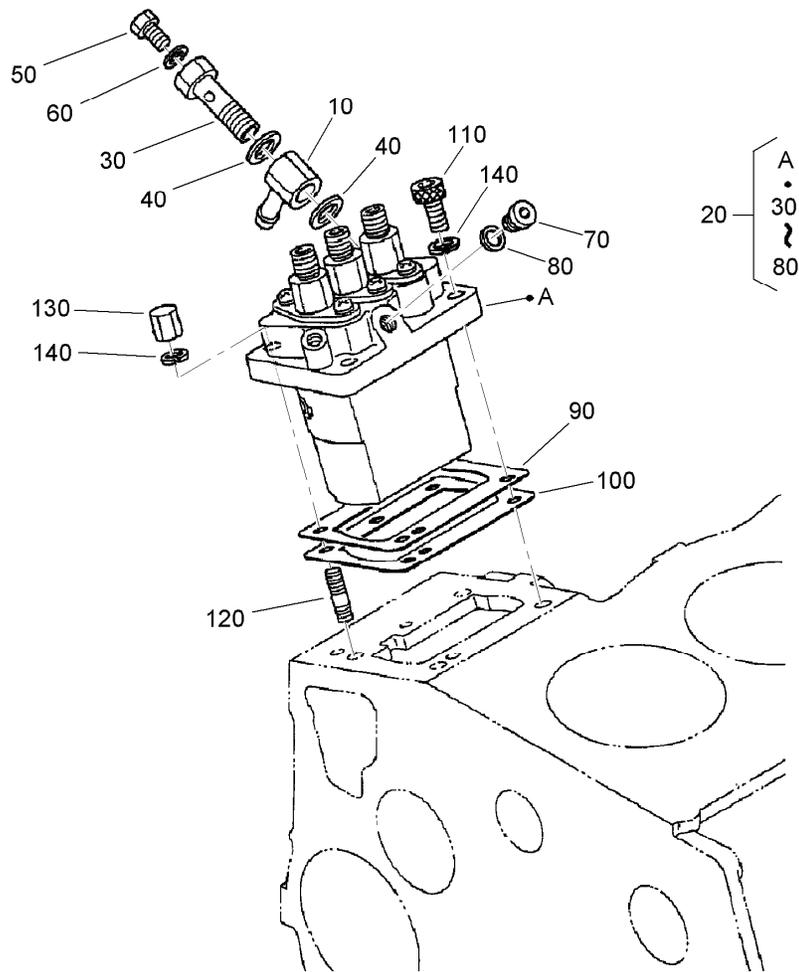
## Fuel Camshaft and Governor Shaft Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9459	1	Camshaft-Fuel
20	107-9077	1	Bearing-Ball
30	107-9078	1	Bearing-Ball
60	98-9590	1	Nut-Cap
70	98-9669	1	Gear-Pump, Injection
80	98-9595	1	Key-Woodruff
90	98-9511	1	Stopper-Fuel, Camshaft
100	98-7692	2	Bolt
110	98-9644	1	Governor Shaft ASM
120	98-9562	1	Holder-Gear, Governor
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



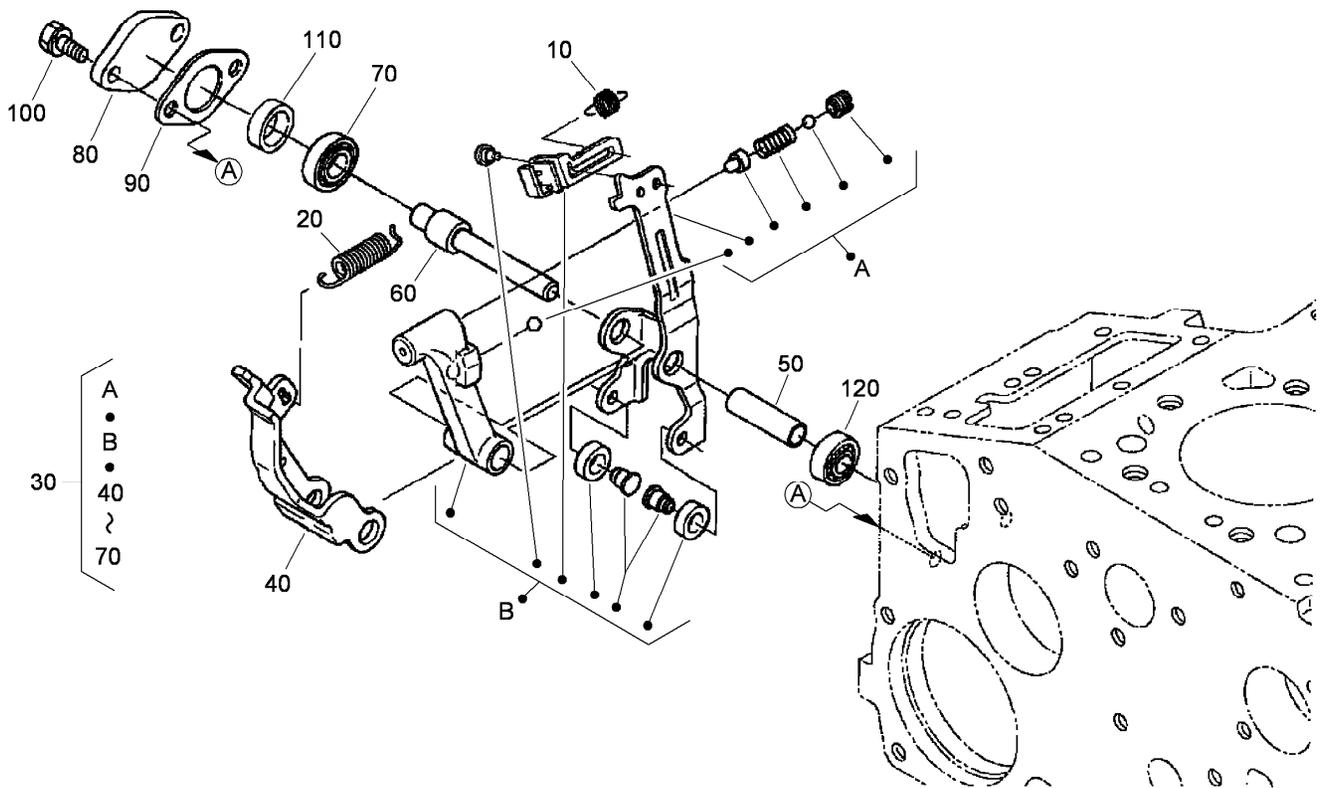
## Idle Apparatus Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9678	1	Idle Apparatus ASM
20	112-7014	1	Adjusting Bolt ASM
30	99-8387	1	Nut-Cap
40	112-0181	1	Nut
50	98-7654	2	Gasket
60	98-7656	1	Cap
70	112-7015	1	Bolt-Adjusting
80	100-2175	1	Nut-Lock
90	112-0181	1	Nut
100	98-7654	1	Gasket
110	107-9081	1	Gasket
120	112-7016	1	Cover-Pump



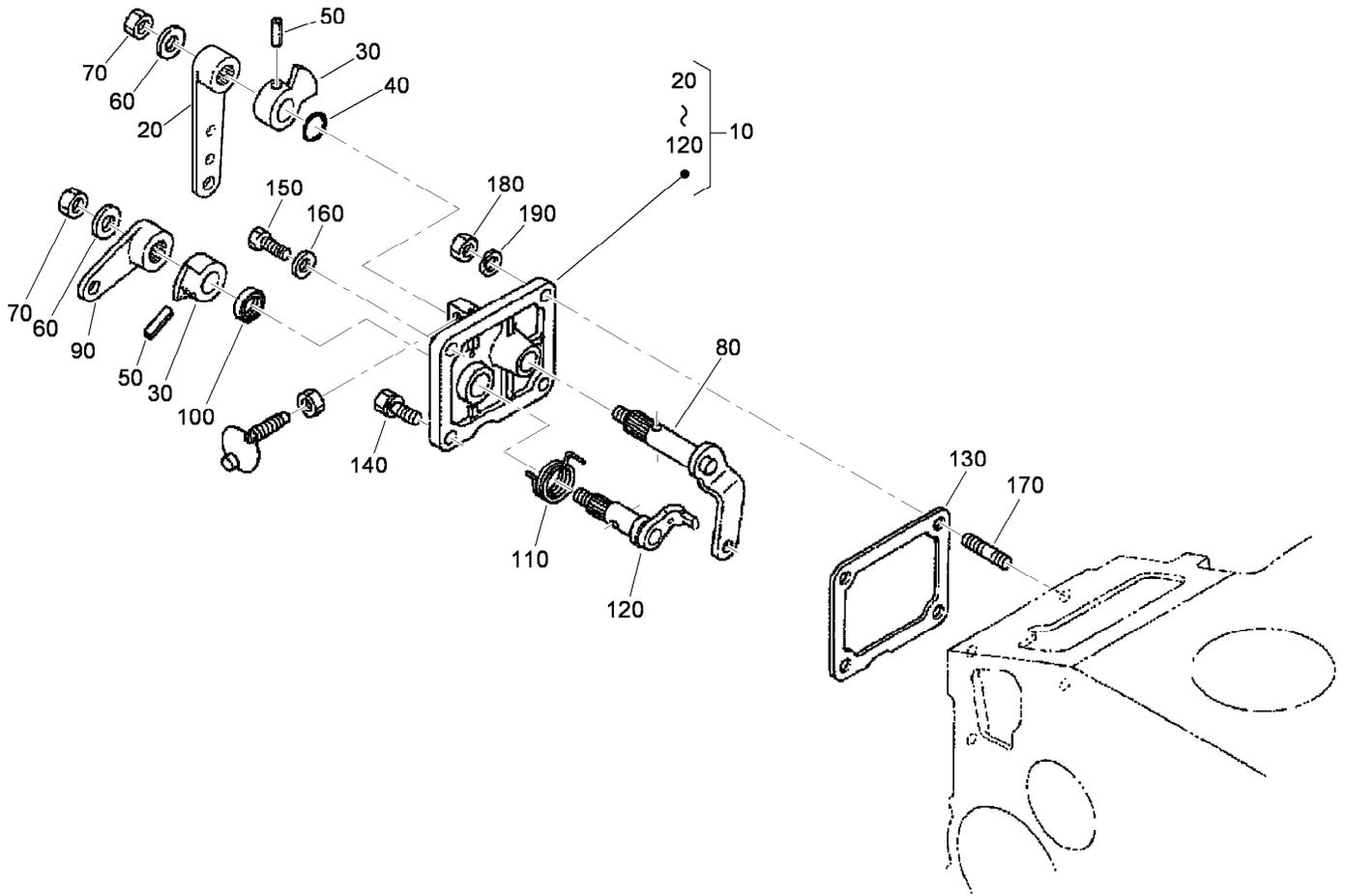
## Injection Pump Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9596	1	Joint-Eye
20	98-9643	1	Injection Pump ASM
30	98-9464	1	Bolt-Joint
40	98-9445	2	Gasket
50	98-9430	1	Screw
60	98-9446	1	Gasket
70	98-9466	1	Plug
80	98-9451	1	Gasket
90	98-9457	1	Shim-Injection (0.25Mm)
90	98-9456	1	Shim-Injection (0.20Mm)
100	98-9458	1	Shim-Injection (0.30Mm)
110	98-9361	2	Bolt-HSH
120	98-9438	2	Stud
130	98-9440	2	Nut-Cap
140	98-7699	4	Washer-Spring



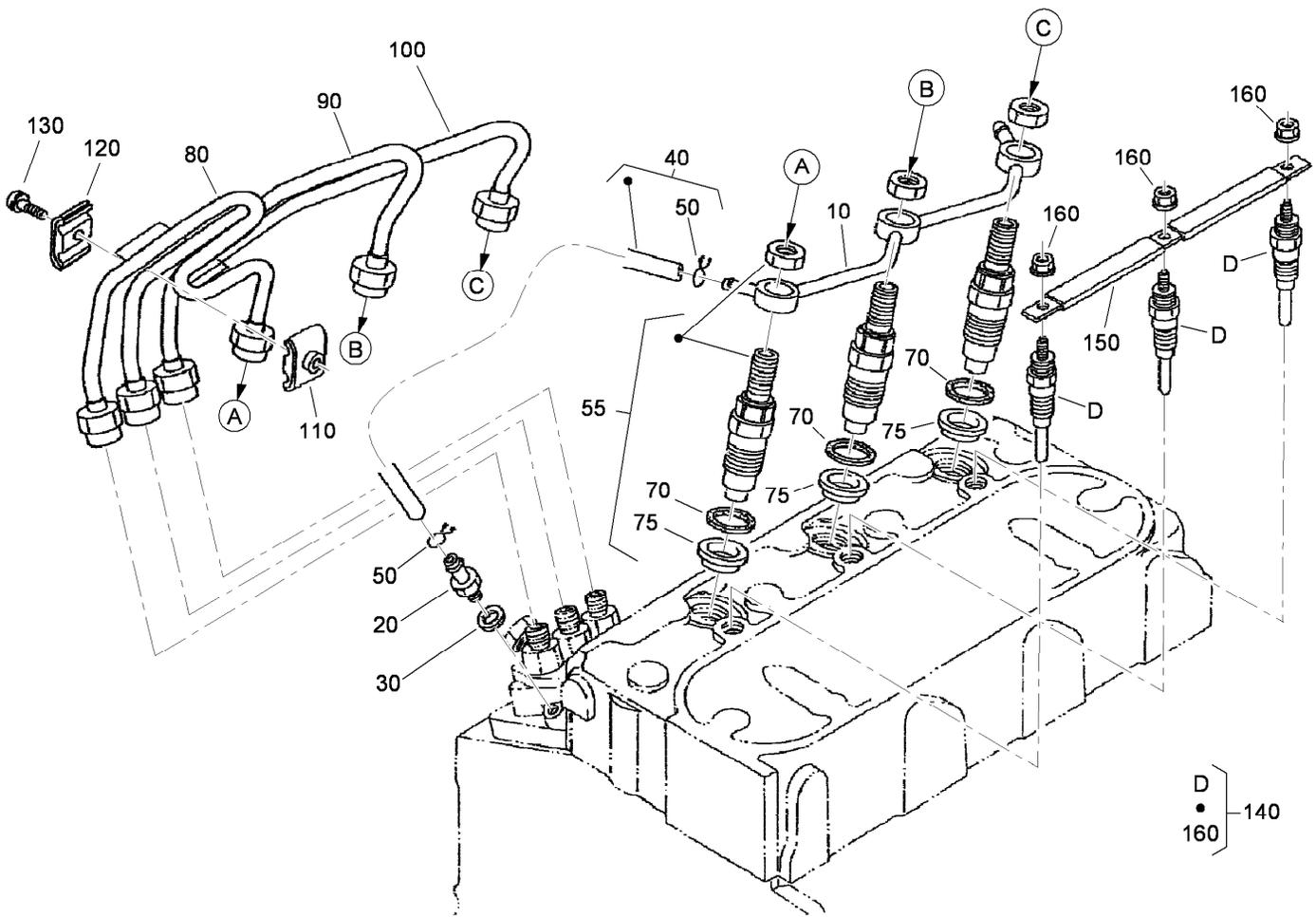
## Governor Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	105-3786	1	Spring-Start
20	98-9681	1	Spring-Governor
30	107-9082	1	Fork Lever ASM
40	107-9084	1	Lever-Fork
50	107-9085	1	Shaft-Lever, Fork
60	107-9086	1	Shaft-Lever, Fork
70	98-9570	1	Bearing-Miniaturize
80	98-9569	1	Cover-Shaft, Fork Lever
90	98-9682	1	Gasket
100	98-9350	2	Bolt
110	98-9567	1	Collar
120	98-9571	1	Bearing-Miniaturize



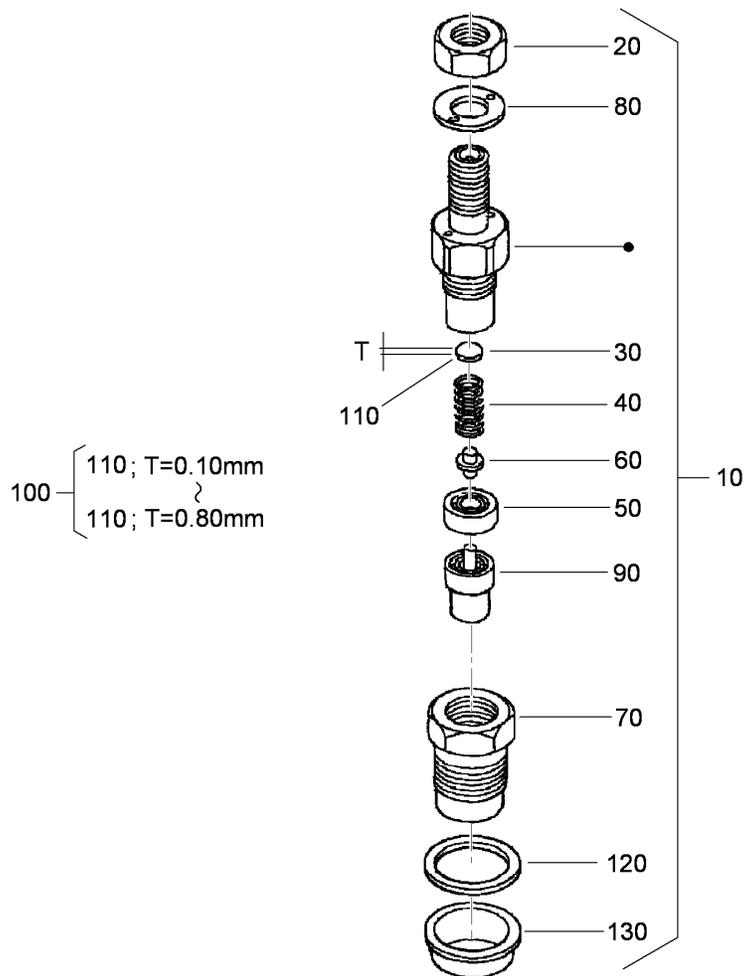
## Speed Control Plate Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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	1	Gasket
170	105-3710	2	Stud
180	98-7572	2	Nut
190	98-7699	2	Washer-Spring



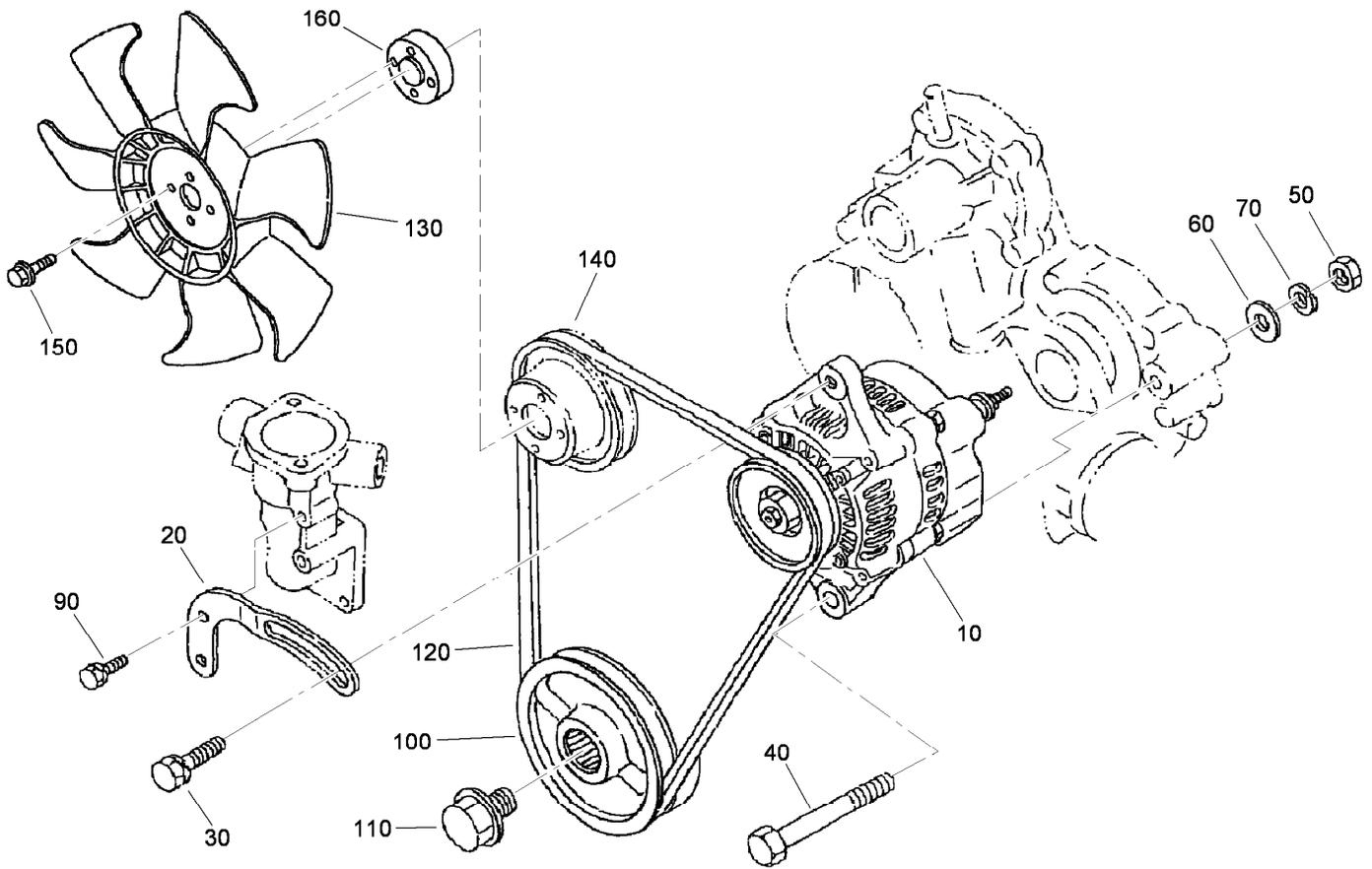
## Nozzle Holder and Glow Plug Assembly

Ref.	Part Number	Qty.	Description
10	98-9621	1	Overflow Pipe ASM
20	98-9431	1	Screw-Bleeder, Air
30	98-7654	1	Gasket
40	98-9624	1	Overflow Pipe ASM
50	98-7671	2	Clip-Pipe
55	108-2866	3	Nozzle Holder Kit
70	98-7676	3	Gasket
75	98-7677	3	Seal-Heat
80	98-9622	1	Pipe-Injection
90	98-9654	1	Pipe-Injection
100	98-9655	1	Pipe-Injection
110	98-7682	2	Clamp-Pipe
120	98-7683	2	Clamp-Pipe
130	98-7684	2	Screw (W/Washer)
140	98-9623	3	Plug-Glow
150	98-9631	1	Cord-Plug, Glow
160	99-8377	3	Nut-Flange



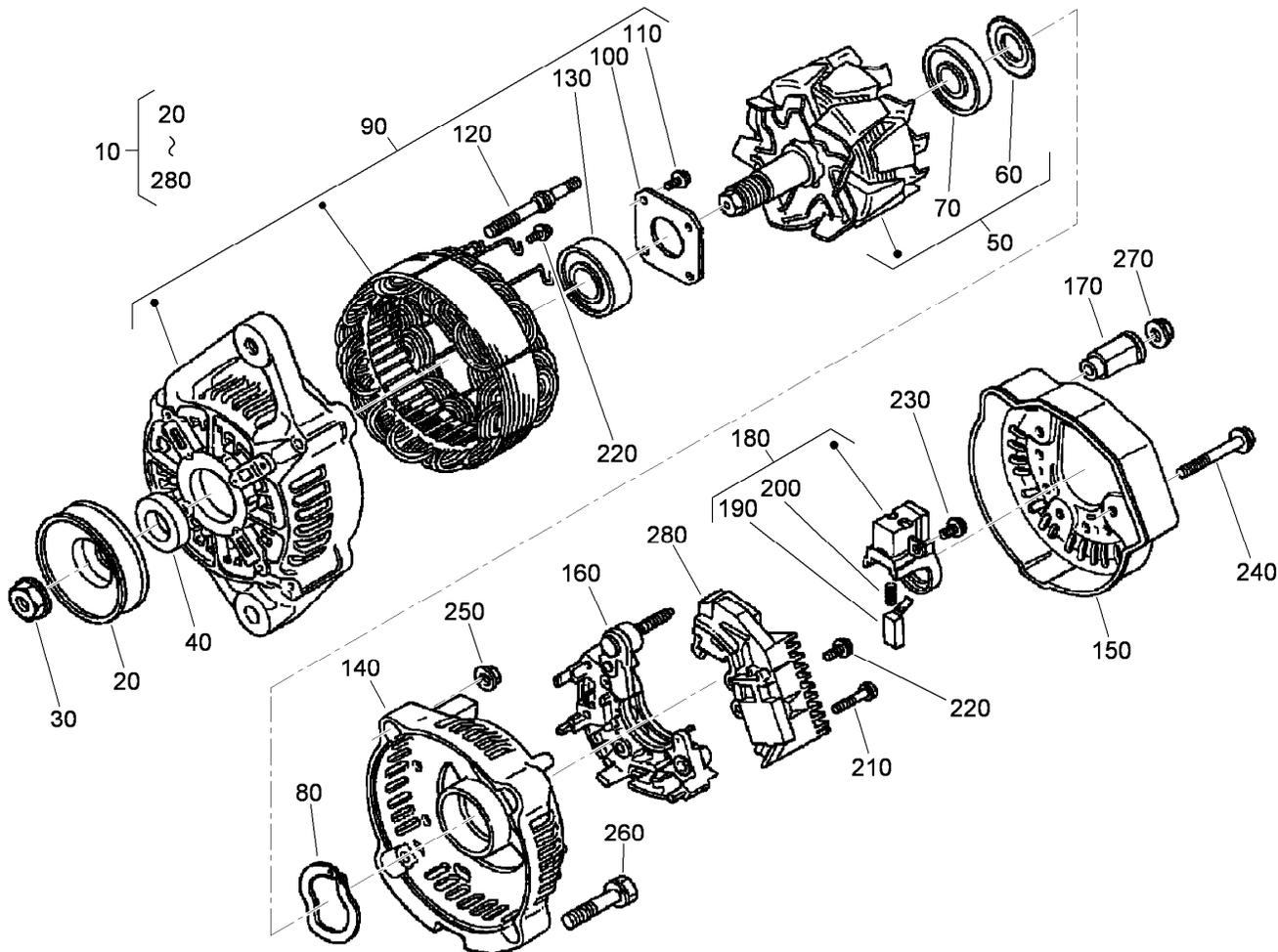
## Nozzle Holder Assembly

Ref.	Part Number	Qty.	Description
10	108-2866	3	Nozzle Holder Kit
20	99-8301	3	Nut
30	99-8302	3	Washer-Adjusting
40	99-8303	3	Spring-Nozzle
50	99-8304	3	Spacer-Distance
60	99-8305	3	Rod-Push
70	99-8306	3	Nut-Nozzle
80	99-8307	3	Washer-Plain
90	107-7826	3	Piece-Nozzle
100	99-8309	3	Adjusting Washer ASM
110	99-8310	3	Washer-Adjust (0.10Mm)
110	99-8311	3	Washer-Adjust (0.20Mm)
110	99-8312	3	Washer-Adjust (0.30Mm)
110	99-8313	3	Washer-Adjust (0.40Mm)
110	99-8314	3	Washer-Adjust (0.50Mm)
110	99-8315	3	Washer-Adjust (0.52Mm)
110	99-8316	3	Washer-Adjust (0.54Mm)
110	99-8317	3	Washer-Adjust (0.56Mm)
110	99-8318	3	Washer-Adjust (0.58Mm)
110	99-8319	3	Washer-Adjust (0.80Mm)
120	98-7676	3	Gasket
130	98-7677	3	Seal-Heat



## Alternator and Pulley Assembly

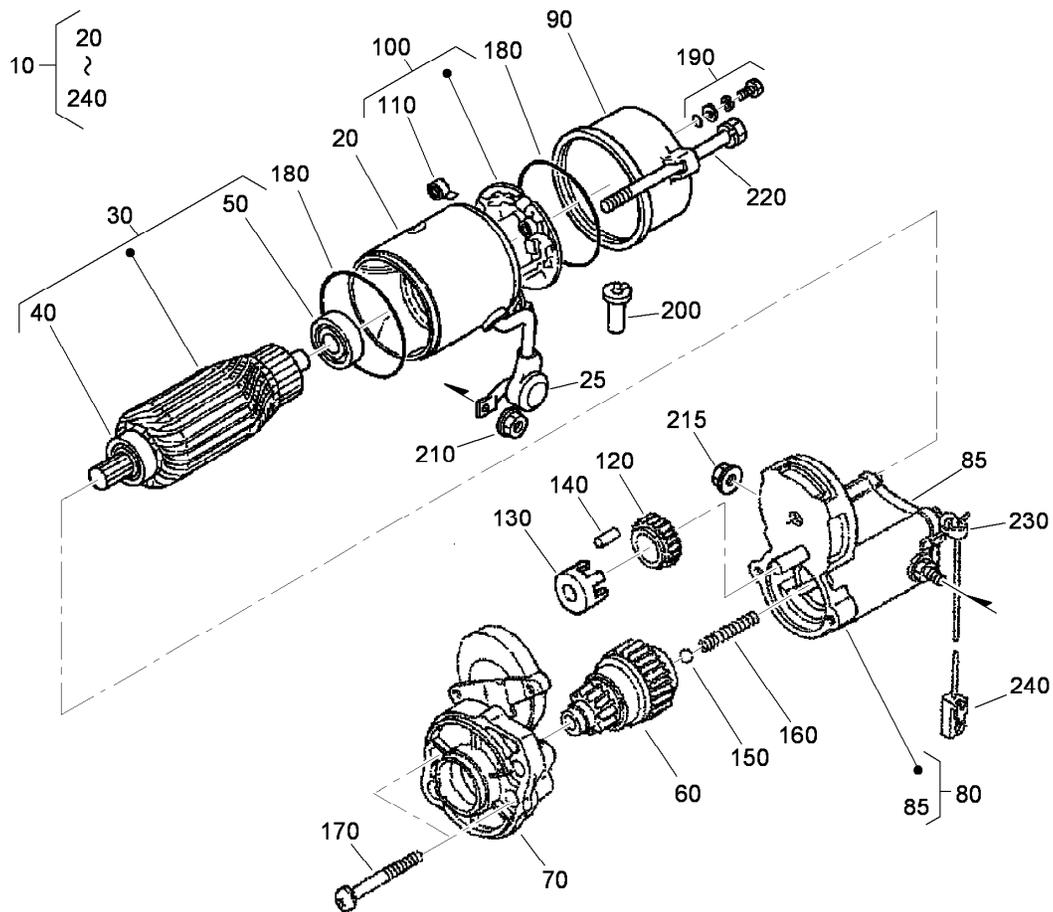
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9474	1	Alternator ASM
20	112-7047	1	Stay-Dynamo
30	108-7088	1	Bolt
40	98-9360	1	Bolt
50	98-7737	1	Nut
60	98-9366	1	Washer-Plain
70	98-7738	1	Washer-Spring
90	98-7692	1	Bolt
100	98-9473	1	Pulley-Drive, Fan
110	98-9585	1	Bolt
120	98-9676	1	V-Belt
130	104-4246	1	Fan-Engine
140	98-9584	1	Pulley-Fan
150	33103-020	4	Screw-HHF
160	108-2872	1	Collar-Fan



## Alternator Components Assembly

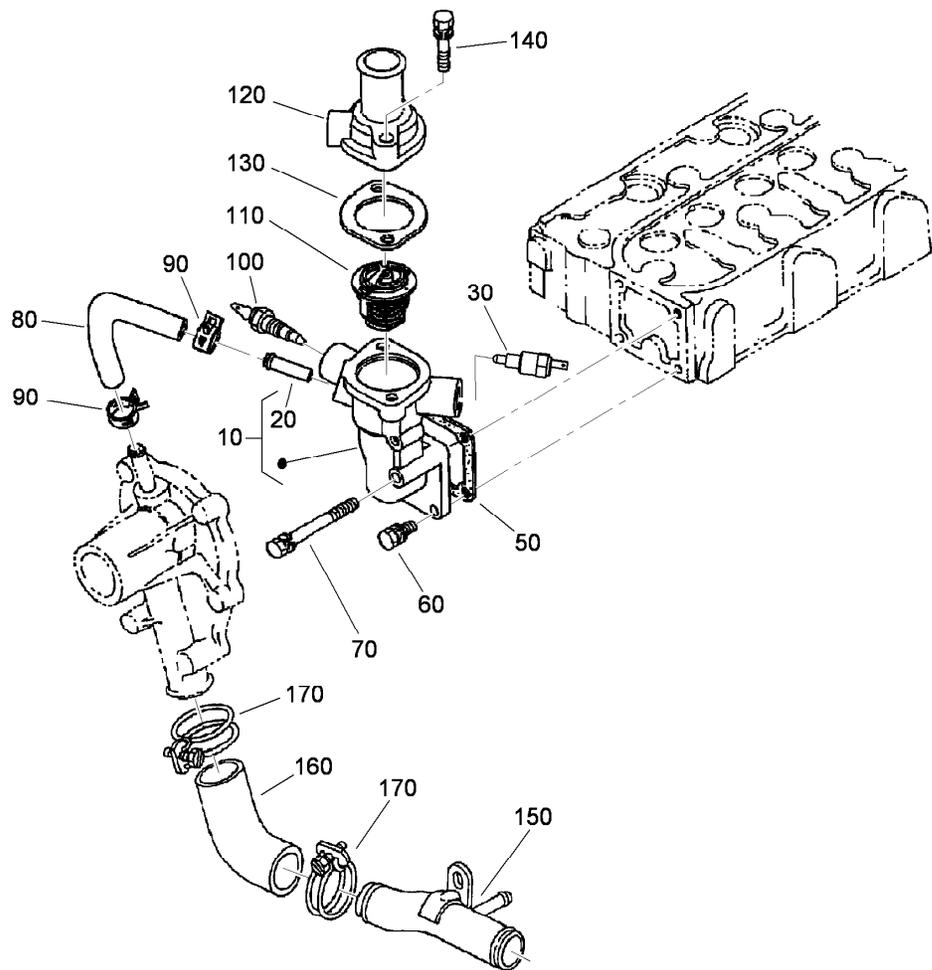
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9474	1	Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	98-7709	1	Collar
50	107-0136	1	Rotor ASM
60	98-7711	1	Cover-Bearing
70	107-0138	1	Bearing-Ball
80	98-7713	1	Washer-Thrust
90	107-0139	1	Drive End Frame ASM
100	98-7715	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

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
150	107-0140	1	Cover-End
160	98-7721	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



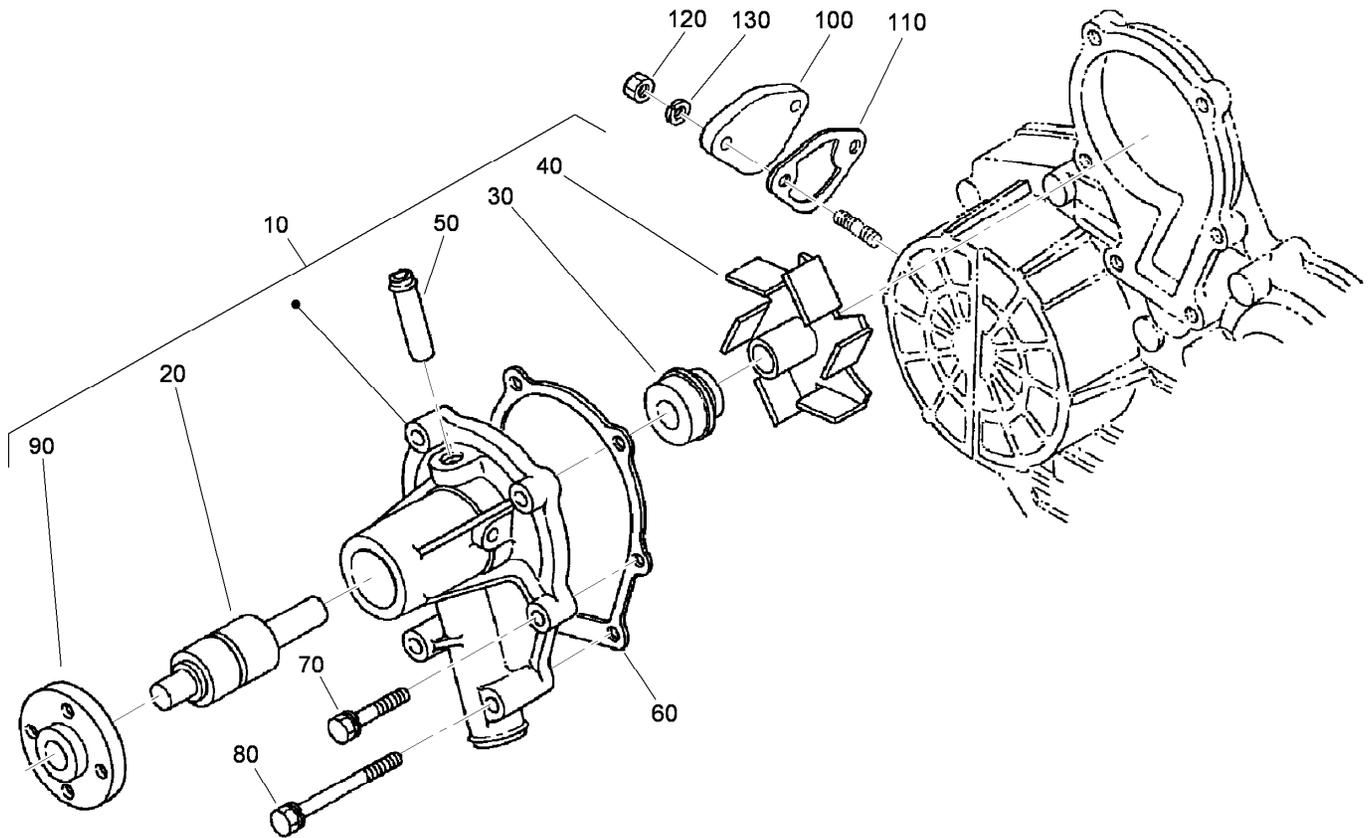
## Starter (Component Part) Assembly No. 98-9705

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9705	1	Starter ASM	130	98-7752	1	Retainer
20	104-8608	1	Yoke ASM	140	98-7753	5	Roller
25	99-8375	1	Cover	150	98-7755	1	Ball
30	98-7742	1	Armature ASM	160	98-7754	1	Spring
40	98-7744	1	Bearing	170	98-7756	2	Bolt
50	98-7743	1	Bearing	180	98-7757	2	O-Ring
60	99-8373	1	Clutch-Running, Over	190	98-7758	2	Bolt ASM
70	99-8374	1	Frame-End, Drive	200	98-7759	1	Pipe-Drain
80	105-3746	1	Magnetic Switch ASM	210	99-8371	1	Nut-Hex
85	105-2886	1	Cover ASM	215	99-8376	1	Nut-Hex
90	98-7748	1	Frame-End	220	100-9240	2	Bolt
100	98-7749	1	Brush Holder ASM	230	98-9712	1	Band-Cover
110	98-7750	4	Spring-Brush	240	98-9711	1	Cord-Solenoid, Stop
120	98-7751	1	Gear				



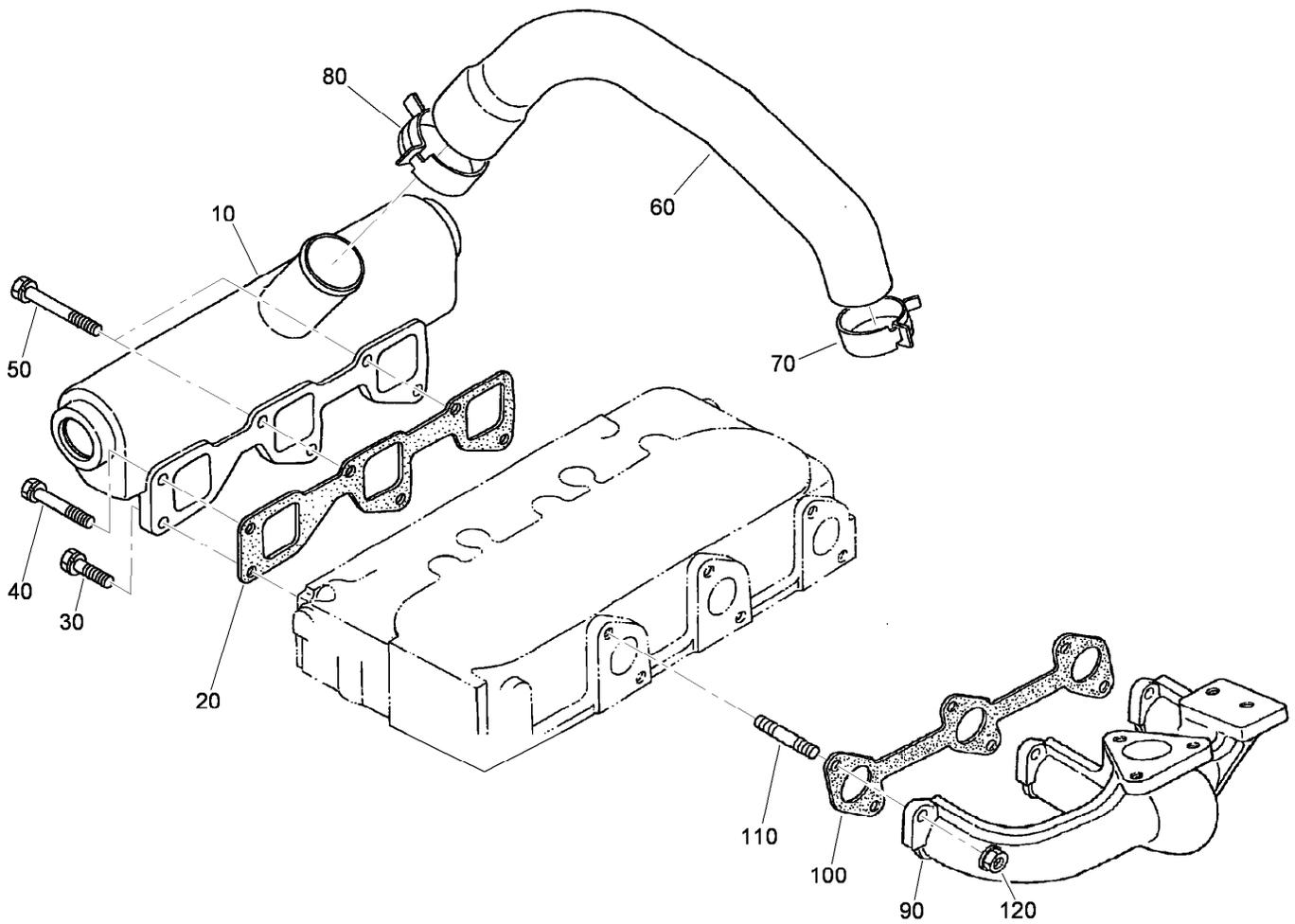
## Water Flange and Thermostat Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9713	1	Water Flange ASM
20	98-9580	1	Pipe-Return, Water
30	98-9719	1	Thermoswitch
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	112-0183	1	Switch-Thermometer
110	98-7778	1	Thermostat ASM
120	98-9471	1	Cover-Thermostat
130	105-3748	1	Gasket-Thermostat
140	98-7777	2	Bolt
150	99-8379	1	Pipe-Water
160	107-9091	1	Pipe-Water
170	98-9717	2	Clamp



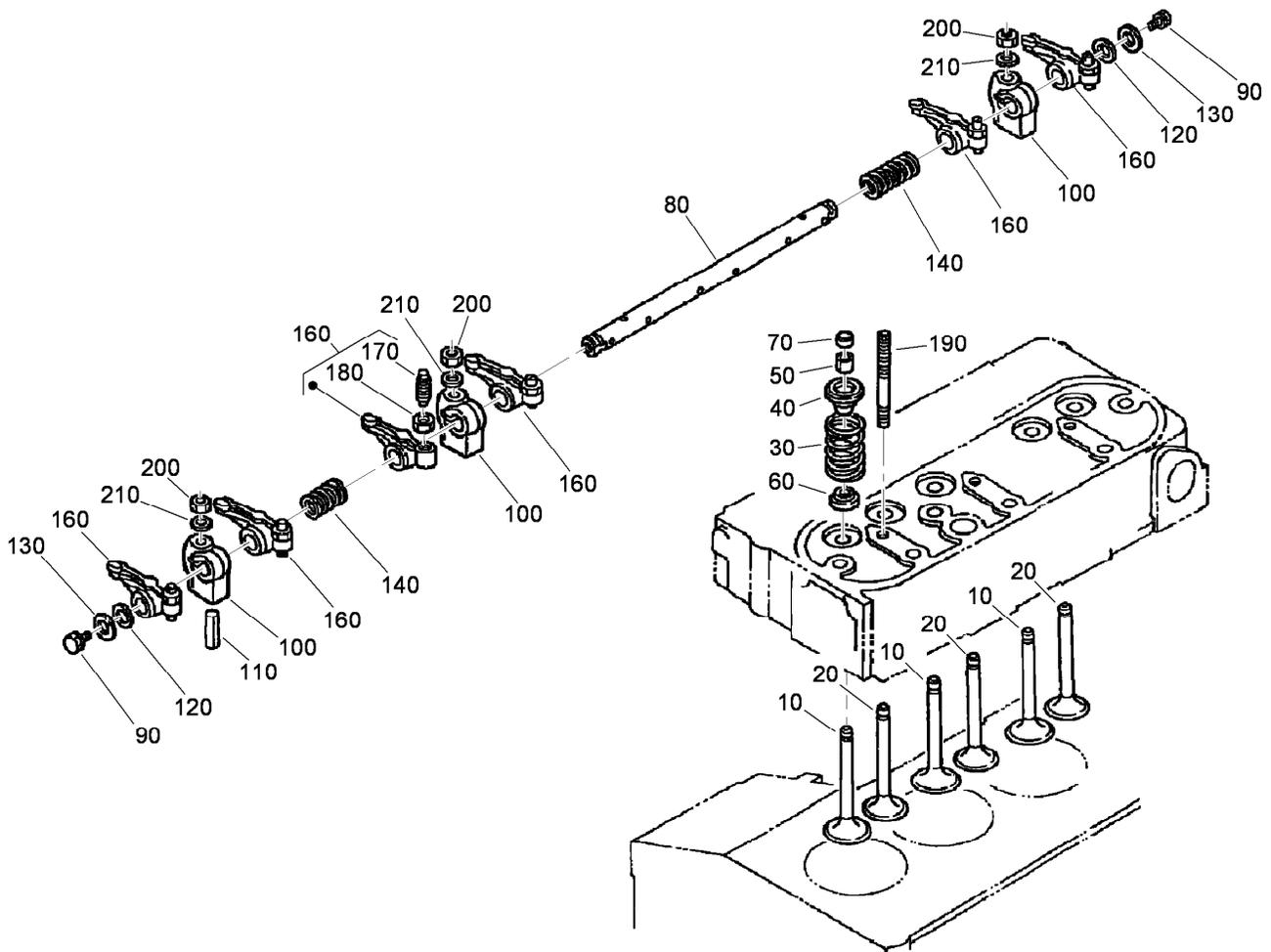
## Water Pump Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
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	99-3514	1	Cover
110	98-9636	1	Gasket-Pump, Fuel
120	98-7572	2	Nut
130	98-7699	2	Washer-Spring



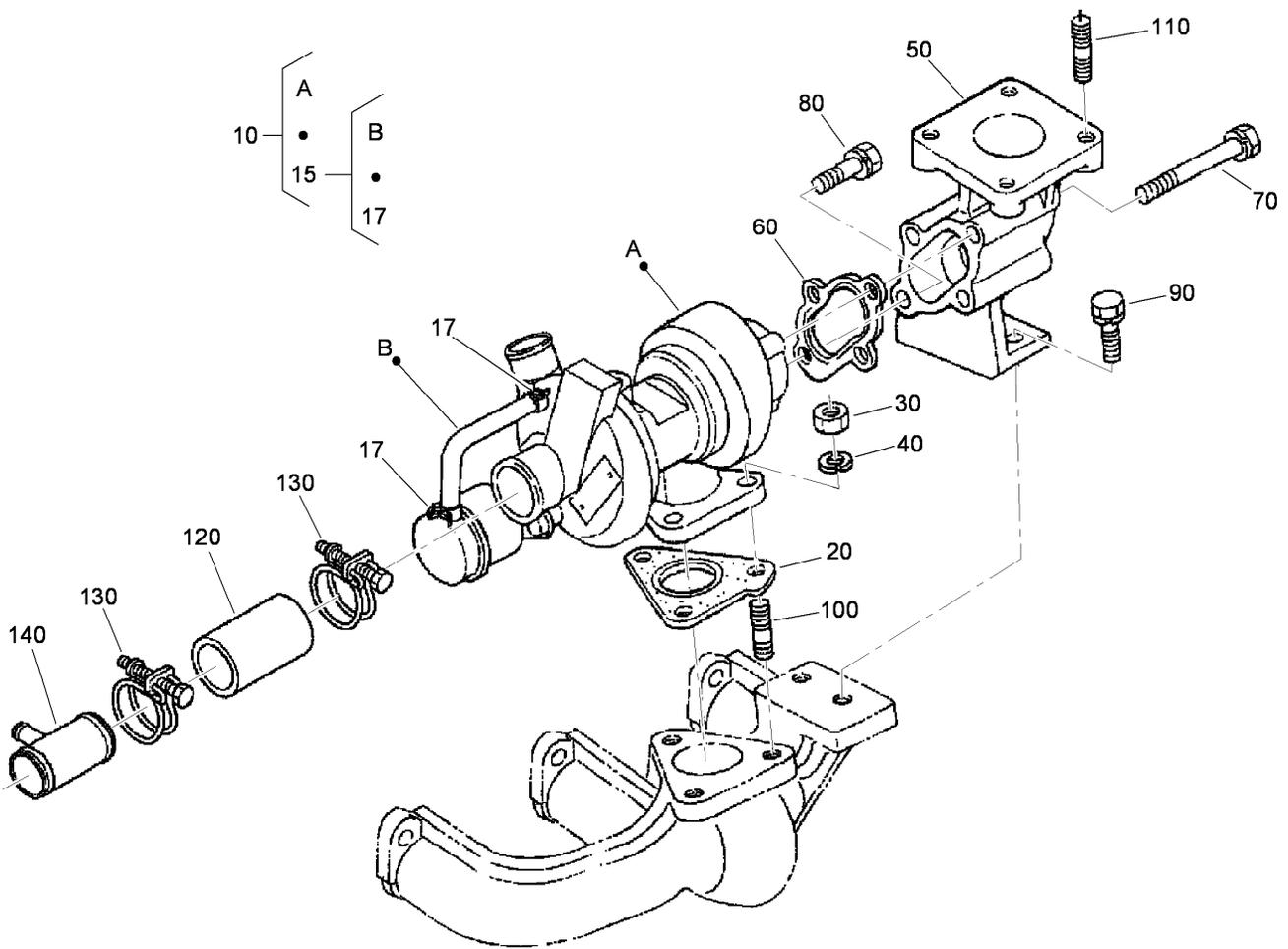
## Inlet and Exhaust Manifold Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	99-8321	1	Manifold-Inlet
20	99-8329	1	Gasket-Manifold, Intake
30	98-7568	3	Bolt
40	107-9073	1	Bolt
50	99-8320	2	Bolt
60	115-3047	1	Hose-Inlet
70	115-3048	1	Clamp-Hose
80	115-3049	1	Clamp-Hose
90	108-1411	1	Manifold-Exhaust
100	99-8327	1	Gasket-Manifold, Exhaust
110	98-9588	6	Stud
120	98-9665	6	Nut



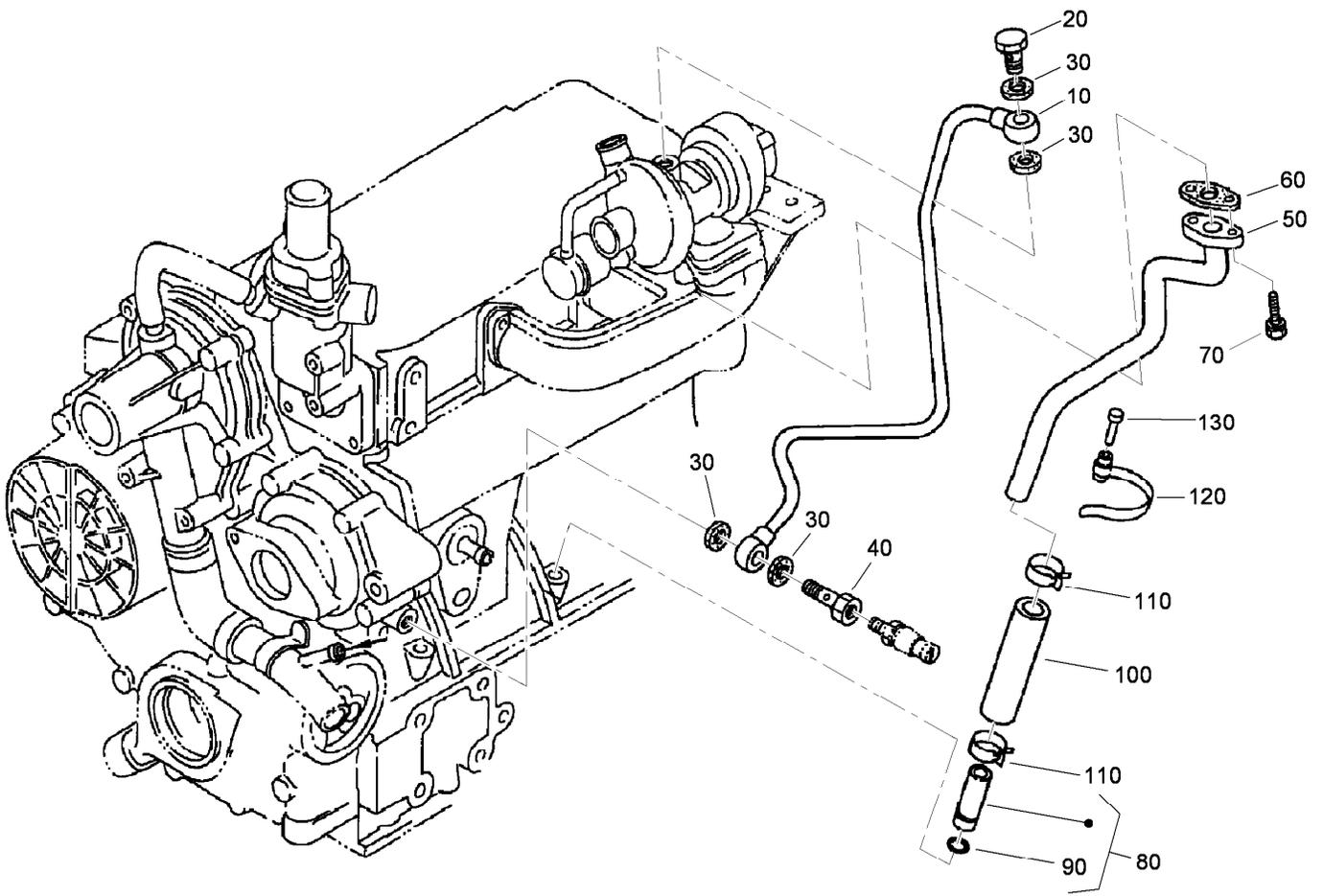
## Valve and Rocker Arm Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	112-7018	3	Valve-Inlet
20	112-7019	3	Valve-Exhaust
30	98-9626	6	Spring-Valve
40	107-9092	6	Retainer-Spring
50	98-9390	6	Collet-Spring, Valve
60	99-8385	6	Seal-Stem, Valve
70	98-9497	6	Cap-Valve
80	105-3790	1	R-Arm Shaft ASM
90	100-9265	2	Bolt
100	98-9505	3	Bracket-Arm, Rocker
110	105-3758	1	Pin-Spring
120	98-9507	2	Washer-Shaft, R-Arm
130	110-3832	2	Washer-Plain
140	98-9504	2	Spring-Arm, Rocker
160	112-7020	6	Rocker Arm ASM
170	98-9502	6	Screw-Adjusting
180	98-9503	6	Nut
190	98-9506	3	Stud
200	98-9393	3	Nut
210	98-9385	3	Washer-Flat



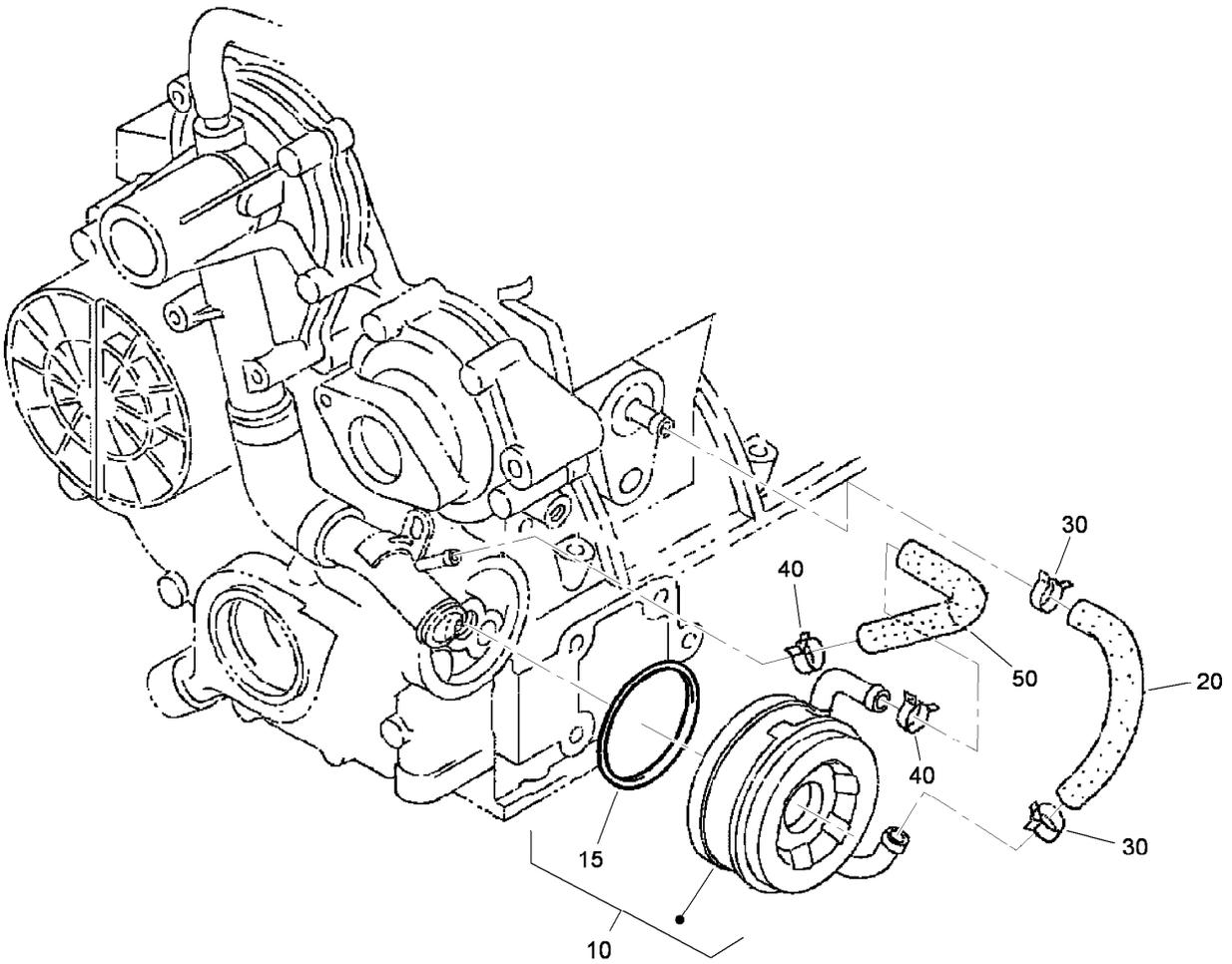
## Turbo Charger Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	108-1412	1	Turbo Charger ASM
15	108-1413	1	Hose ASM
17	108-1414	2	Clamp-Hose
20	105-3767	1	Gasket
30	98-7534	3	Nut
40	105-2893	3	Washer-Spring
50	99-8335	1	Flange-Muffler
60	105-3768	1	Gasket
70	115-4100	3	Bolt
80	105-2895	1	Bolt
90	98-7610	2	Bolt
100	99-8342	3	Stud
110	98-7769	4	Stud
120	115-4101	1	Tube-Inlet, Turbo
130	115-4102	2	Band
140	115-4103	1	Pipe-Inlet, Breather



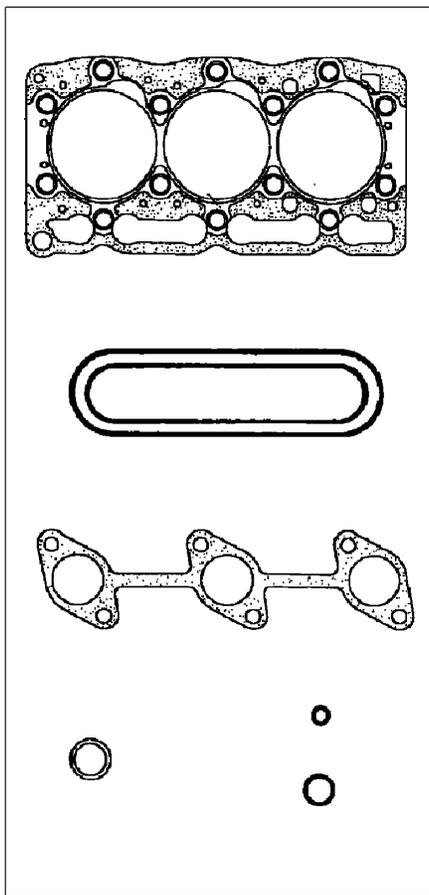
## Turbo Charger Oil Pipe Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9419	1	Oil Pipe ASM
20	98-9418	1	Bolt-Joint, Eye
30	99-8346	4	Gasket
40	98-9417	1	Bolt-Joint, Eye
50	98-9461	1	Pipe Line ASM
60	108-4422	1	Gasket
70	98-7605	2	Bolt
80	99-8383	1	Oil Pipe ASM
90	98-9722	1	O-Ring
100	98-9721	1	Pipe-Oil
110	98-9714	2	Clamp-Hose
120	98-9601	1	Clamp-Pipe
130	98-9591	1	Pin-Band



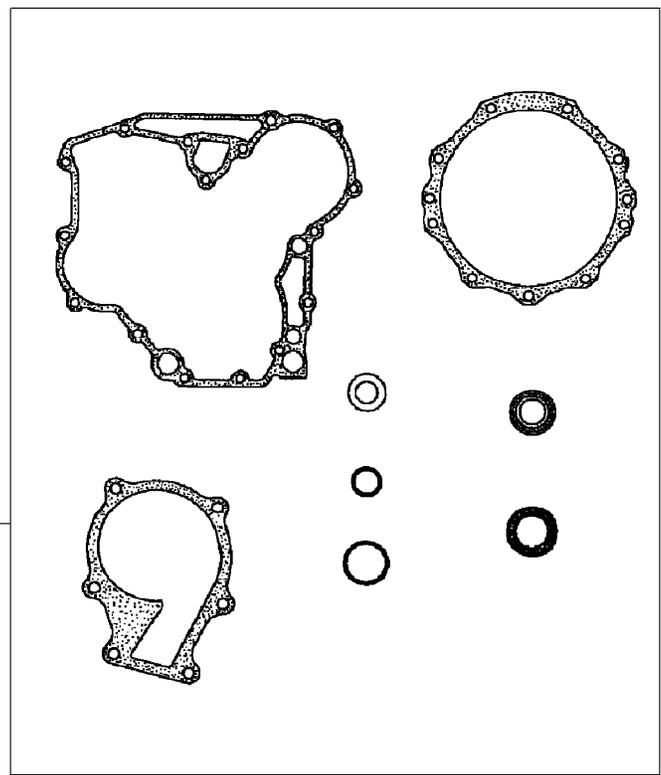
## Oil Cooler Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	104-5158	1	Oil Cooler ASM
15	112-7030	1	O-Ring
20	98-9724	1	Pipe-Cooler, Oil
30	98-9579	2	Band-Pipe
40	98-9579	2	Band-Pipe
50	98-9578	1	Pipe-Return, Water



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 }  
 170

190 {  
 } 180  
 330

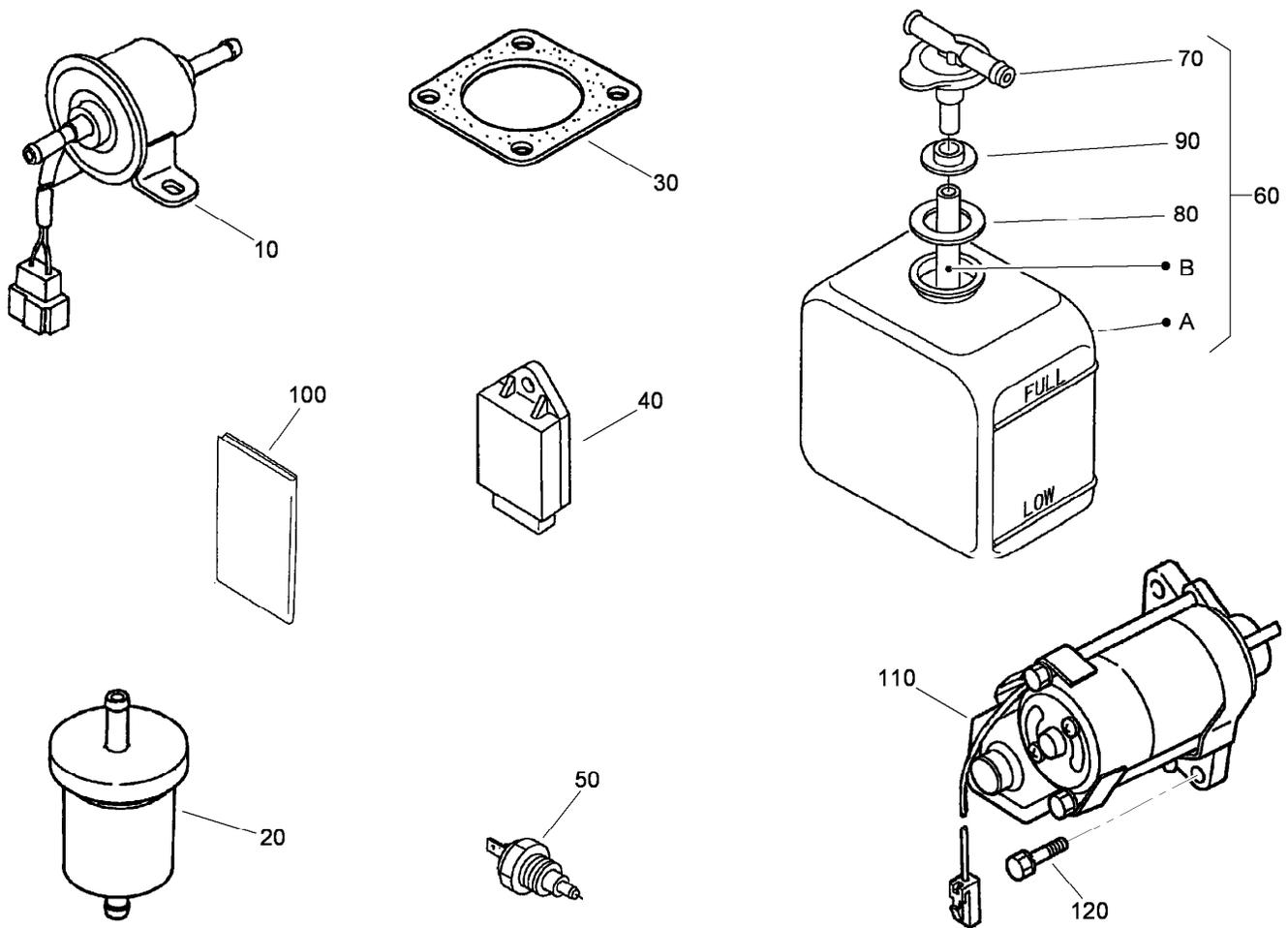


## Gasket Kit

Ref.	Part Number	Qty.	Description
10	108-1415	1	Upper Gasket Kit
20	108-6573	1	Gasket-Head, Cylinder ●
40	99-8329	1	Gasket-Manifold, Intake ●
50	105-3767	1	Gasket ●
60	105-3768	1	Gasket ●
70	99-8327	1	Gasket-Manifold, Exhaust ●
80	99-8385	6	Seal-Stem, Valve ●
90	98-9615	1	Gasket-Cover, Head ●
100	98-9454	3	Gasket ●
110	99-3446	1	O-Ring ●
120	99-8346	4	Gasket ●
130	108-4422	1	Gasket ●
140	98-9722	1	O-Ring ●
150	98-9638	1	Gasket-Flange, Water ●
160	105-3748	1	Gasket-Thermostat ●
170	99-8343	1	Gasket-Muffler ●
180	112-7041	1	Lower Gasket Kit

Ref.	Part Number	Qty.	Description
190	98-9632	1	Gasket-Pump, Water ●
200	98-9633	1	Gasket-Case, Gear ●
210	105-3781	2	O-Ring ●
220	105-3777	2	O-Ring ●
230	98-9634	1	Gasket-Case, Bearing ●
240	98-9635	1	Gasket-Cover, Bearing Case ●
250	105-3783	1	O-Ring ●
260	105-3776	1	O-Ring ●
270	98-9729	1	O-Ring ●
280	98-9636	1	Gasket-Pump, Fuel ●
290	98-9682	1	Gasket ●
300	105-3788	1	O-Ring ●
310	98-7601	1	Seal-Oil ●
320	98-9637	1	Gasket ●
330	98-9683	1	Gasket-Cover, Solenoid ●

● Not illustrated



## Electric Fuel Pump, Fuel Filter, Starter and Overflow Bottle Assemblies

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	107-0122	1	Pump-Fuel, Electric
20	98-7612	1	Filter-Fuel
30	99-8343	1	Gasket-Muffler
40	98-7611	1	Controller-Glow
50	98-9719	1	Thermoswitch
60	108-0638	1	Bottle-Overflow
70	105-3754	1	Cap
80	105-3755	1	Gasket
90	105-3756	1	Plate
100	115-4104	1	Operator Manual
110	98-9705	1	Starter ASM
120	98-7697	2	Bolt

# Attachments and Accessories

## For 30464TC Groundsmaster 7210 Traction Unit with 72in Rotary Mower

Product Name	Model/Part
Tooth Rake .....	08751
Finish Grader .....	08754
Drag Mat Carrier System .....	08756
Steel Drag Mat .....	08757
Coco Drag Mat .....	08758
Lug Tire (24 X 12 - 12) .....	103-6771
Bahiagrass Baffle Kit .....	105-7269
Blade-Belt Kit, 62 Inch Guardian Only .....	105-7270
Blade-Belt Kit, 72 Inch Guardian Only .....	105-7271
Blade-Belt Kit, 72 Inch Side Discharge Only .....	105-7272
Striping Kit, 72 Inch Side Discharge Only .....	105-7273
Yellow Hydraulic Cap .....	107-1576
Green Diesel Cap .....	107-2172
Premium Engine Oil, 15w40 (Drum) .....	108-1181
Premium Engine Oil, 15w40 (Pail) .....	108-1182
Premium Transmission/Hydraulic Tractor Fluid (Drum) .....	108-1183
Premium Transmission/Hydraulic Tractor Fluid (Pail) .....	108-1184
Leaf Mulching Kit .....	108-5273
Wheel and Tire ASM (Semi Pneumatic) .....	110-6406
Spark Arrestor Kit .....	112-1688
Bio-Diesel Fuel Filter Kit .....	112-9140
Slow Moving Vehicle Kit .....	114-4050
5 Inch Air Cleaner Safety Element .....	114-4057
Weight Mount Bracket Kit .....	114-4090
42-pound Weight, For Kit 114-4090 .....	114-4096
60-Amp Alternator Kit, Kubota 05 Series-Powered Traction Unit .....	117-5540
Overflow Tank Kit .....	117-5570
Fender Kit .....	117-9170
Roll-Over Protection Kit .....	117-9179
CE Kit, Groundsmaster 7200 Traction Unit with 60-inch Mower .....	117-9248
CE Kit, Grass Collection System for Groundsmaster 7200 Series with 60-inch Mower .....	117-9249
Brake Service Kit .....	120-0015
MVP (Filter) Kit .....	30037
400-hour Filter Maintenance Kit .....	30052
Guardian Recycler Completion Kit .....	30304
62 Inch Guardian Recycler Completion Kit .....	30306
Guardian Fine Recycler Completion Kit .....	30346
Recycler Kit, 72 Inch Side Discharge Mower .....	30347
Recycler Kit .....	30348
Hardtop Sunshade .....	30359
Polar Trac Kit .....	30370
Polar Trac Cab .....	30371
Road Light Kit .....	30374
Z-Stand Kit .....	30375
Rear Quick Attach System .....	30377
V-Plow Mounting Kit .....	30378
Auxiliary Hydraulic Power Kit .....	30380

Auxiliary Power Unit.....	30382
CE Kit .....	30392
Debris Blower .....	30393
Grass Collection System, Groundsmaster 7200 Series with 60-inch Mower .....	30460
Rear Discharge Kit, 62 Inch Base Mower.....	30463
Rear Discharge Kit, 72 Inch Base Mower.....	30466
48in V-Plow.....	30750

**Notes:**

**Notes:**



**Count on it.**