



Groundsmaster® 7210 Traction Unit

Model No. 30381 - 290000001 and up.

Parts Catalog

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 illustrations and in part lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

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

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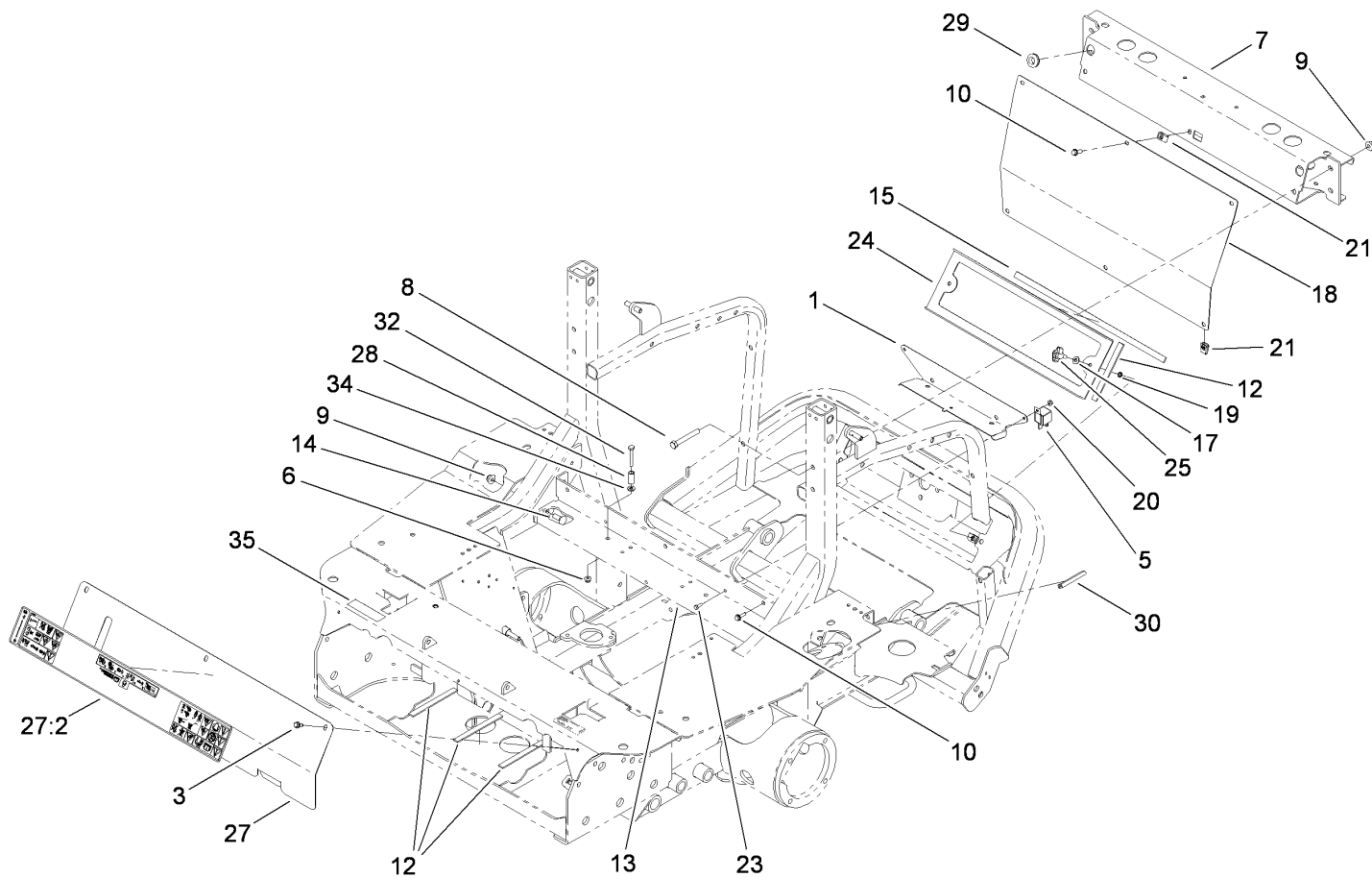
Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

AR.	as required	HYD.	hydraulic
ASM.	assembly	LH.	left hand
BBC.	blade brake clutch	NI.	nylon insert
CARR.	carriage	NPTF.	national pipe thread fine
DEG.	degrees	PFH.	phillips flat head
EXT.	external	PPH.	phillips pan head
FH.	flat head	PPHTF.	phillips pan head thread forming
GA.	gauge	PRH.	phillips round head
HD.	heavy-duty	PTH.	phillips truss head
HF.	hex flange	PTO.	power-take-off
HH.	hex head	RH.	right hand
HHF.	hex head flange	ROPS.	roll-over protection system
HHFTF.	hex head flange thread forming	SFH.	slotted fillister head
HJ.	hex jam	SHH.	slotted hex head
HLH.	hex lag head	SHWH.	slotted hex washer head
HOC.	height-of-cut	SPH.	slotted pan head
HSBH.	hex socket button head	SQH.	square head
HSFH.	hex socket flat head	SRH.	slotted round head
HSH.	hex socket head	STD.	standard
HWH.	hex washer head	TAP.	self tapping
HWHTF.	hex washer head thread forming	TTH.	torx truss head

Footnotes

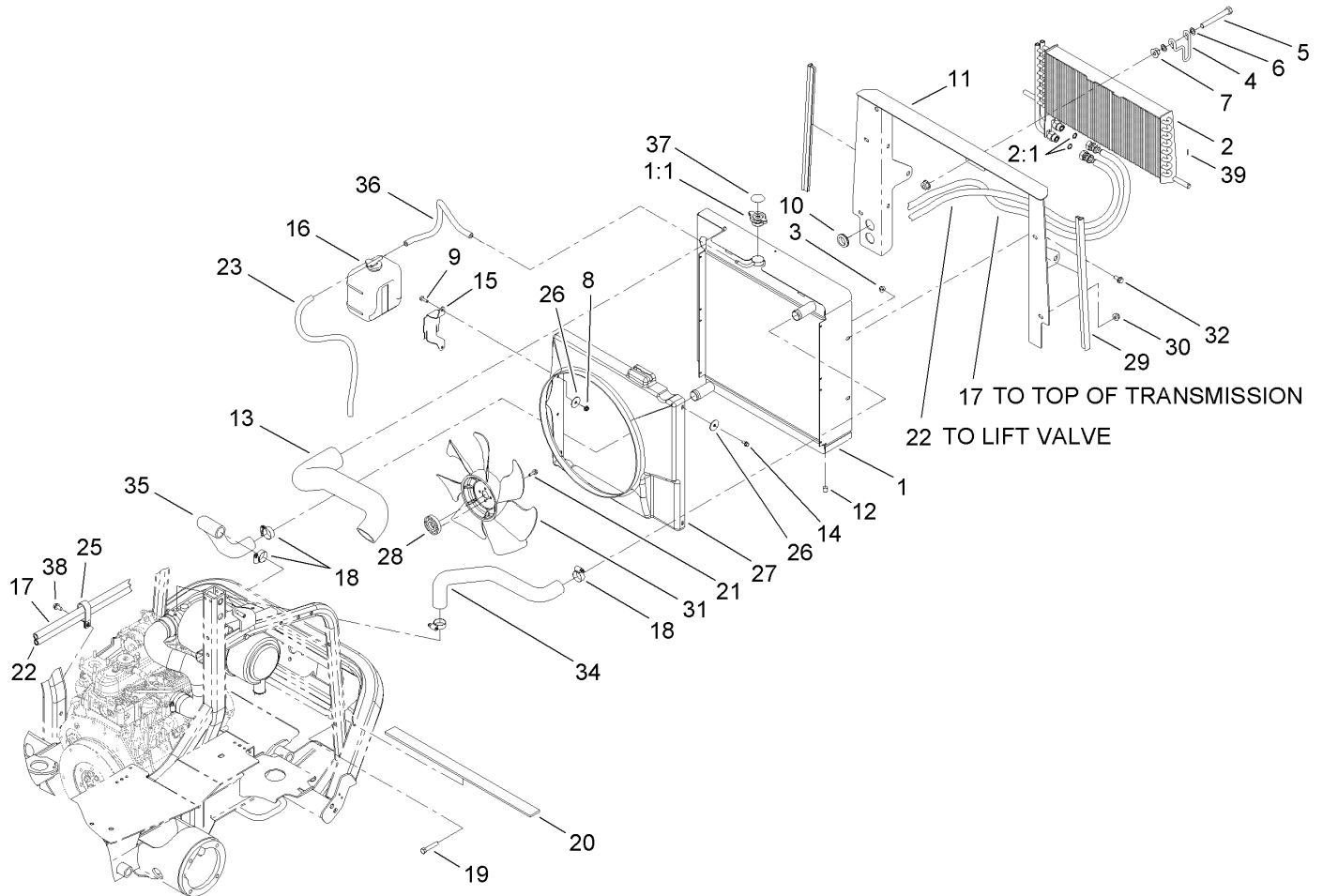
- ❶** Not illustrated
- ❷** Not serviced separately



Frame Assembly

Ref	Part No.	Qty.	Description
1	114-4055-03	1	Bracket-Wire
3	32144-10	3	Screw-HWH
5	99-7435	1	Relay-Power
6	104-7201	2	Nut-HF
7	112-6361-03	1	Crossmember ASM
8	323-13	4	Screw-HH
9	104-8301	8	Nut-Flange, NI
10	3234-4	6	Screw-HHF
12	105-0778	5	Strip-Foam
13	105-7296-03	1	Support-Seat
14	3231-2	4	Screw-CARR
15	112-6387	2	Strip-Foam
17	3256-22	2	Washer-Flat
18	112-6367-03	1	Panel-Rear
19	32151-106	2	Ring-Retaining
20	3290-148	2	Nut-HF
21	107069	8	Clip
23	3290-134	2	Screw
24	112-6384-03	1	Screen ASM
25	98-8332	2	Knob
27	110-9794	1	Cover-Front
27:2	110-9772	1	Decal-Safety
28	95-5807	2	Spacer
29	237-124	2	Grommet

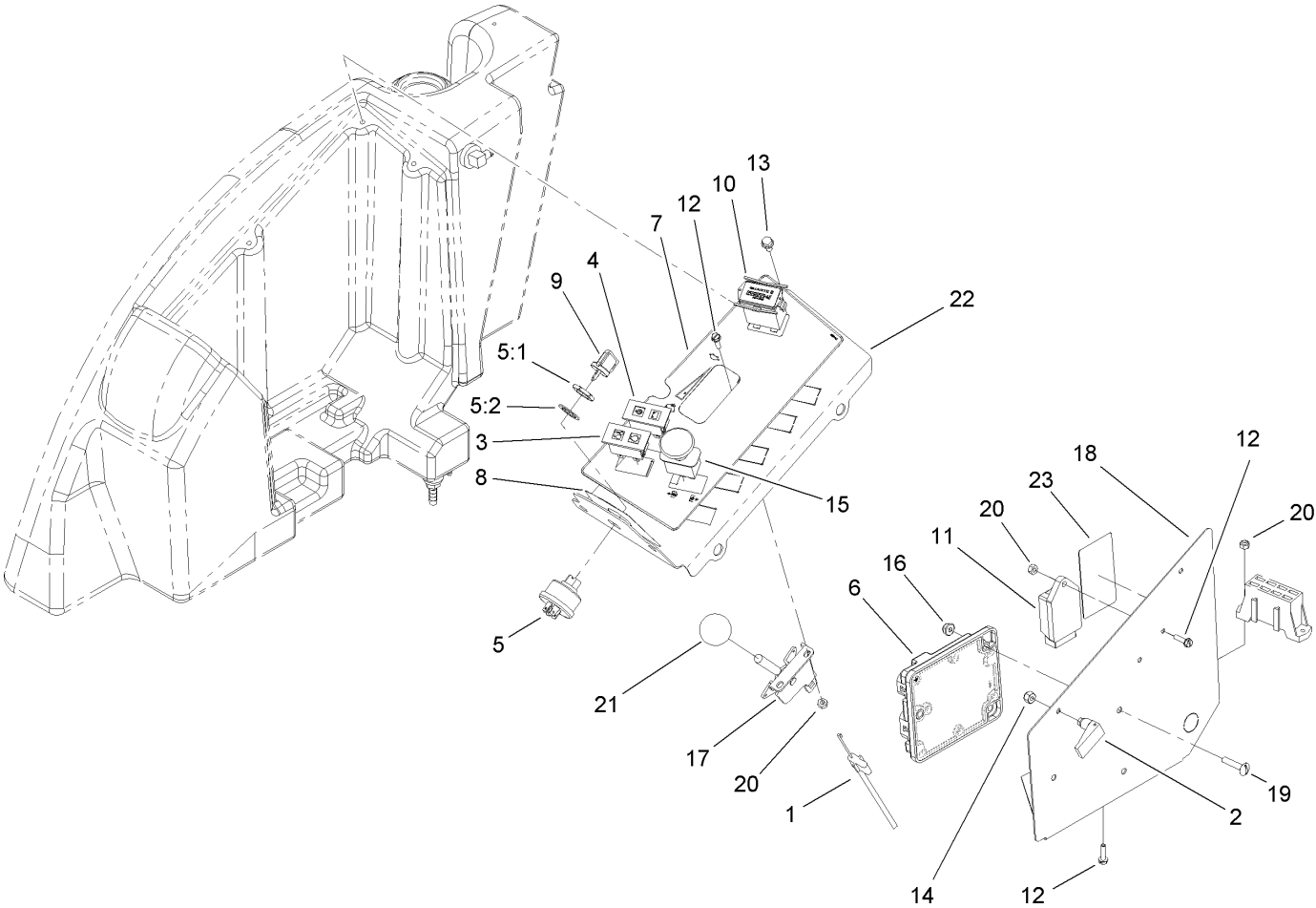
Ref	Part No.	Qty.	Description
30	110-8276	1	Trim-Hold Down, Battery
32	321-10	2	Screw-HH
34	3256-22	2	Washer-Flat
35	117-2718	1	Decal-Arrester, Spark



Radiator Assembly

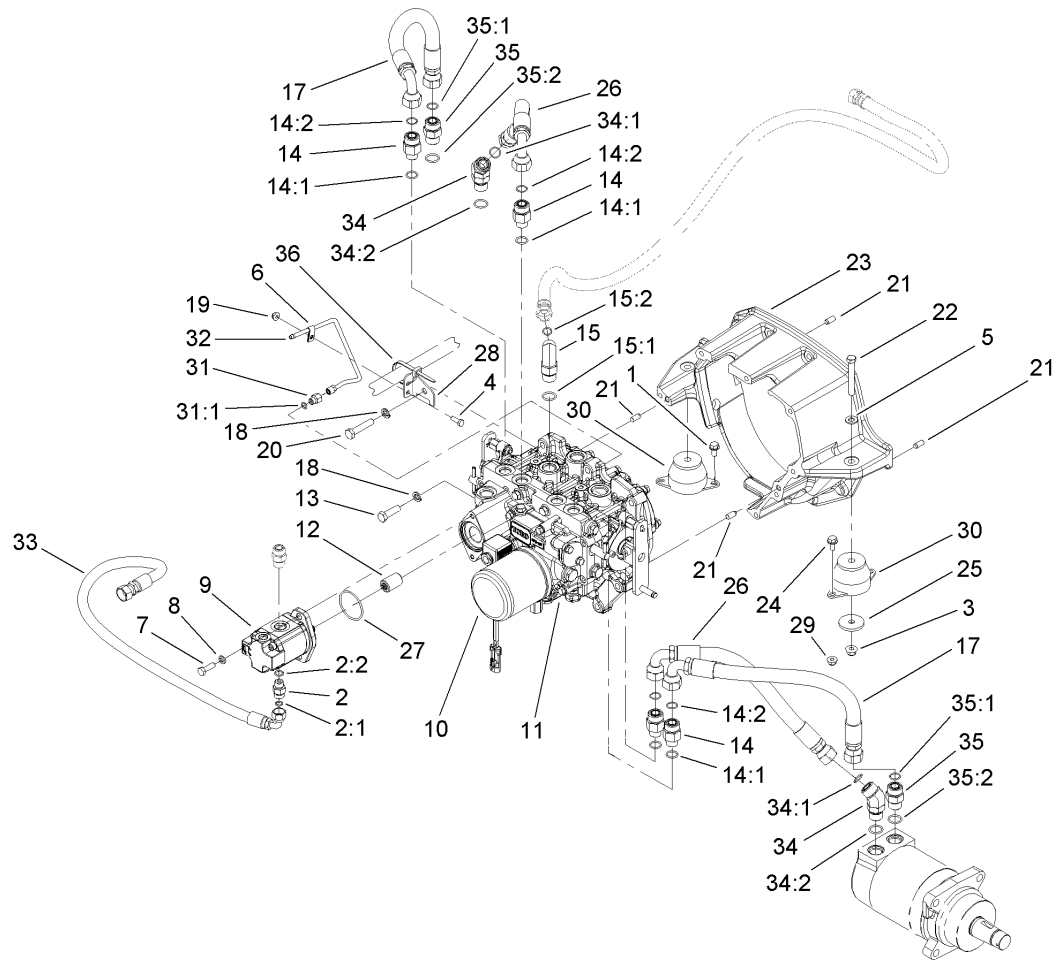
Ref	Part No.	Qty.	Description
1	99-3637	1	Radiator
1:1	93-5957	1	Cap-Radiator
2	112-1684	1	Cooler-Oil
2:1	237-30	2	O-Ring
3	104-8300	4	Nut-Flange, NI
4	104-5429	1	Clamp-Form, Wire
5	325-17	1	Screw-HH
6	41-8440	2	Washer
7	32128-49	2	Nut-HHF
8	104-7201	2	Nut-HF
9	321-4	2	Screw-HH
10	240-5	2	Grommet-Rubber
11	110-8277-03	1	Frame-Radiator
12	99-8551	1	Plug-Pipe
13	105-7281	1	Hose-Air Inlet, Upper
14	32104-116	4	Screw
15	108-9930-03	1	Bracket-Bottle
16	108-0638	1	Bottle-Overflow
17	110-5542	1	HYD Hose ASM
18	2412-34	4	Clamp-Hose
19	323-10	4	Screw-HH
20	108-9935	1	Strip-Foam
21	33103-020	4	Screw-HHF
22	110-5543	1	HYD Hose ASM

Ref	Part No.	Qty.	Description
23	108-3284	1	Hose-Fuel
25	2412-137	1	Clamp-R, Double
26	3256-55	6	Washer-Flat
27	108-9927	1	Shroud-Fan
28	104-4247	1	Spacer-Fan
29	107-2269	2	Seal-Bulb
30	104-8301	4	Nut-Flange, NI
31	104-4246	1	Fan-Engine
32	3234-5	4	Screw-HHF
34	105-7282	1	Hose-Radiator, Upper
35	105-7283	1	Hose-Radiator, Lower
36	109-0274	1	Hose-Fuel
37	106-6755	1	Decal-Cap, Radiator
38	32144-14	1	Screw-HWHTF
39	32121-107	1	Pin-Roll, Slotted



Control Panel Assembly

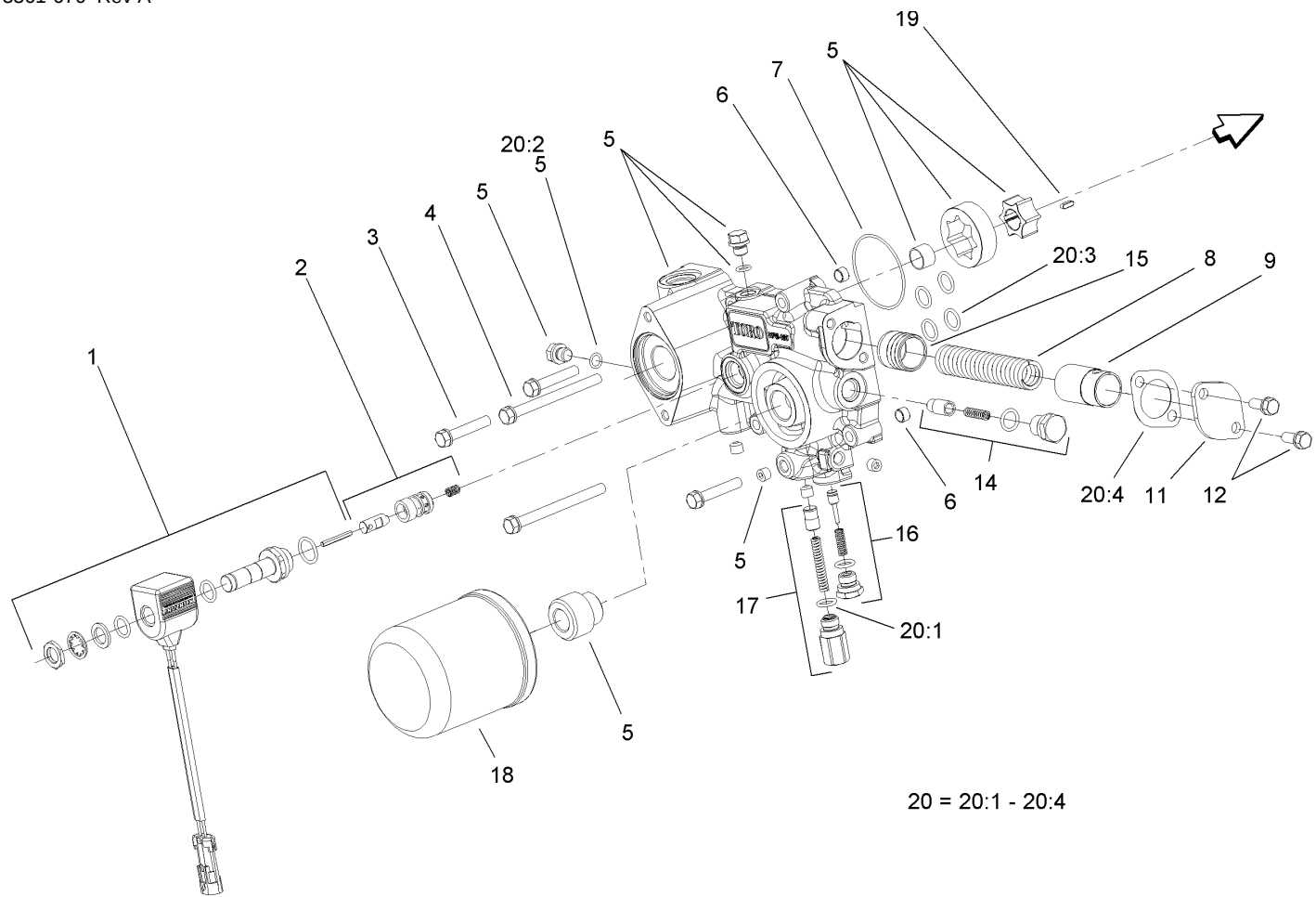
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	110-5548	1	Cable-Throttle	23	110-9796	1	Decal-Block, Fuse
2	74-5950	2	Latch-Swell				
3	100-8071	1	Lamp-Warning				
4	100-8070	1	Lamp-Warning				
5	104-2541	1	Switch ASM				
5:1	218-461	1	Nut-HH				
5:2	3254-5	1	Washer-Tooth				
6	106-9277	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				
12	32105-13	5	Screw-HWH				
13	3234-13	5	Screw-HHF				
14	1-804254	2	Nut				
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				



Transmission Assembly

Ref	Part No.	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	Pump-Gear
10	108-5194	1	Filter-Oil
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
19	104-7201	1	Nut-HF

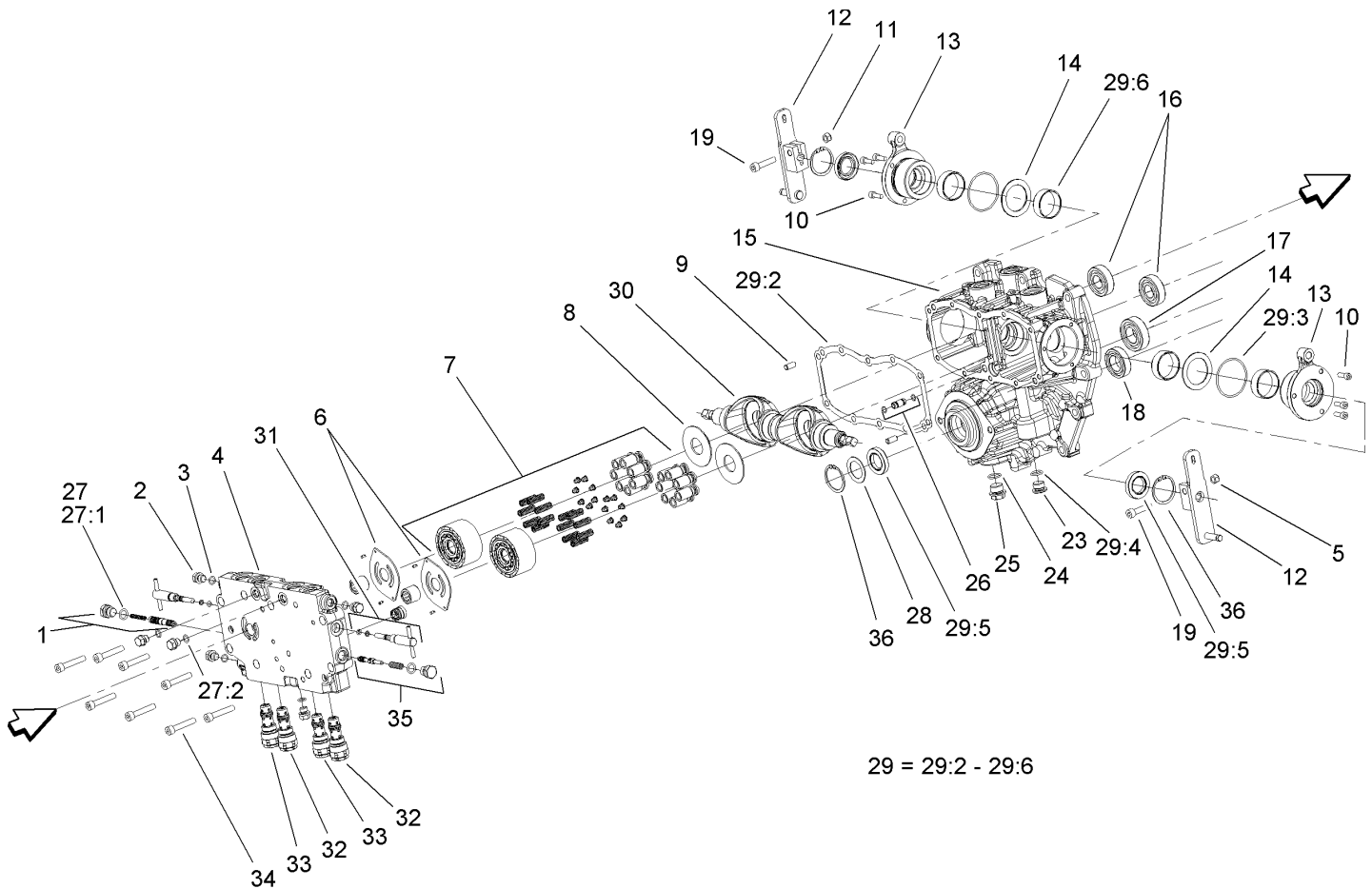
Ref	Part No.	Qty.	Description
20	33115-050	6	Screw-HH
21	87-1910	4	Pin-Dowel
22	323-13	2	Screw-HH
23	108-5193	1	Housing-Flywheel
24	3234-17	2	Screw-HHF
25	80-8560	2	Washer-Hardened
26	110-5518	2	Hose ASM
27	108-9919	1	O-Ring
28	110-5534	1	Support-Tube
29	104-8300	2	Nut-Flange, NI
30	107-2289	2	Mount-Motor
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



Charge Pump Housing Assembly

Transmission Assembly No. 107-0801

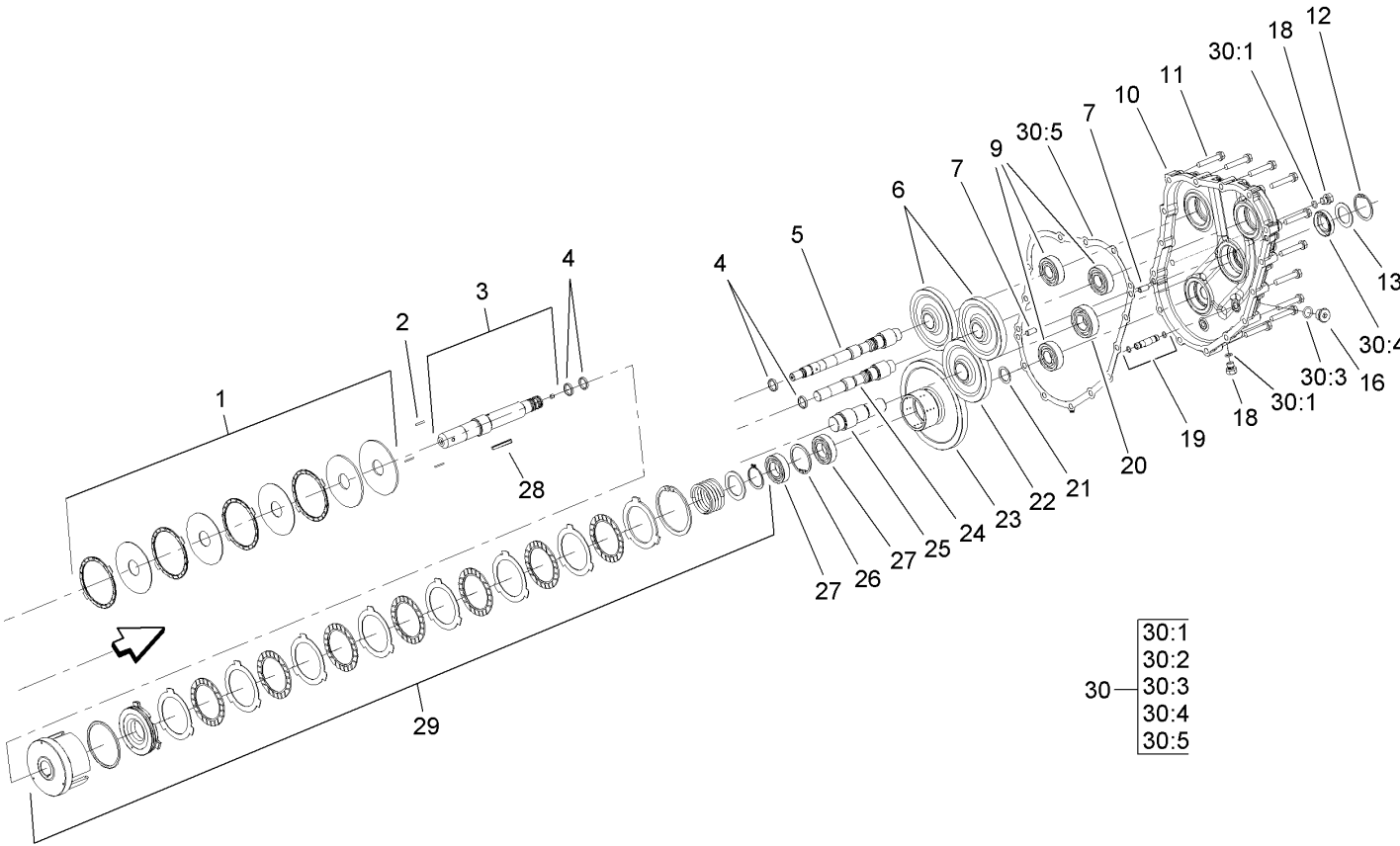
Ref	Part No.	Qty.	Description				
1	107-0851	1	Solenoid ASM				
2	107-0850	1	Solenoid Valve ASM				
3	107-0863	3	Bolt				
4	107-0864	2	Bolt				
5	107-0840	1	Pump Body ASM				
6	107-0848	2	Pin				
7	107-0856	1	O-Ring				
8	107-0845	1	Spring				
9	107-0844	1	Collar				
11	107-0846	1	Cover				
12	93-0457	2	Bolt And Washer ASM				
14	107-0843	1	Filter Bypass Valve ASM				
15	107-0818	1	Piston				
16	107-0842	1	Charge Relief Valve ASM				
17	107-0841	1	Pressure Valve ASM				
18	108-5194	1	Filter-Oil				
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				



Center Section Assembly Transmission Assembly No. 107-0801

Ref	Part No.	Qty.	Description
1	107-0807	1	Valve-Flushing, RH
2	107-0857	6	Plug
3	107-0817	6	O Ring-Plug
4	107-0802	1	Case-Center
5	107-0858	1	U-Nut
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	107-0858	2	U-Nut
12	107-0831	2	Arm-Control
13	107-0832	2	Side Cover ASM
14	107-0829	2	Washer
15	107-0809	1	Housing-Pump
16	107-0826	2	Bearing
17	107-0821	1	Bearing
18	107-0838	1	Bearing
19	107-0860	2	Bolt
23	107-0861	1	Plug-NPTF
24	107-0862	1	O-Ring
25	107-0867	1	Plug
26	107-0812	1	Pipe
27	107-0852	1	Center Case Seal Kit

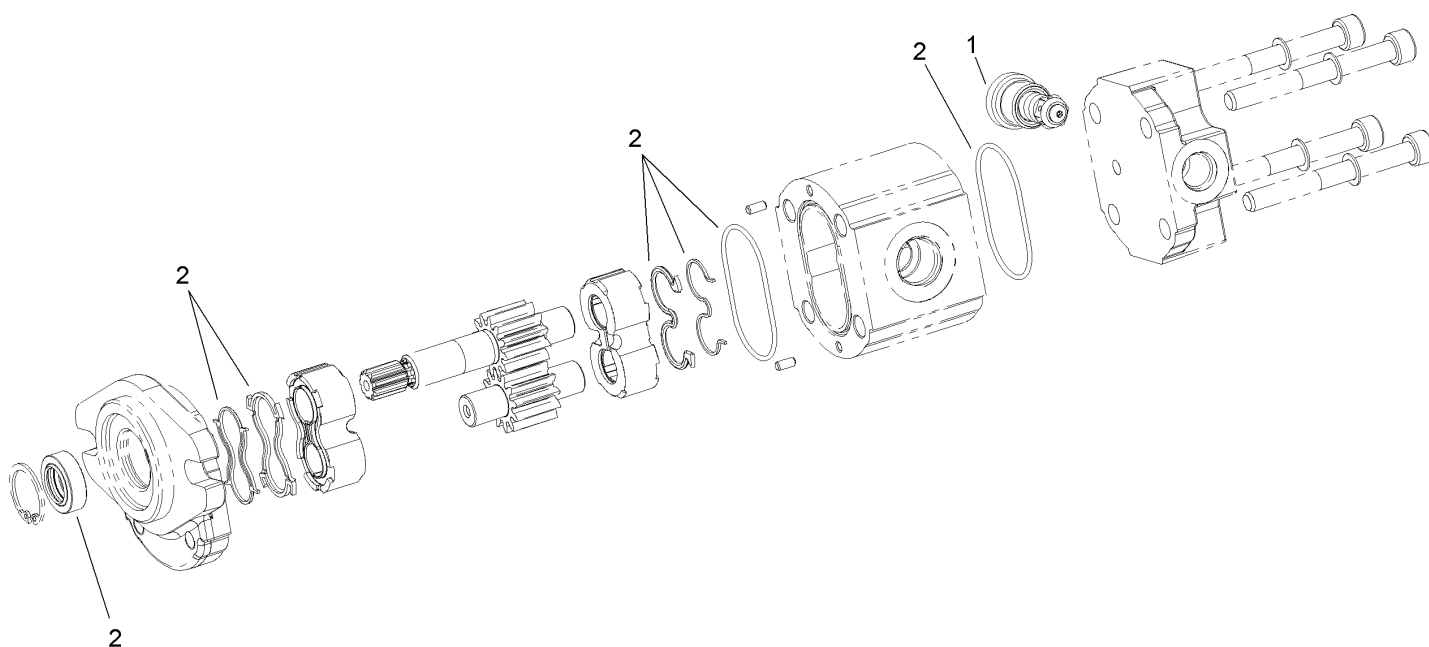
Ref	Part No.	Qty.	Description
27:1	93-0418	2	O-Ring
27:2	107-0817	6	O Ring-Plug
28	107-0813	1	Spacer
29	107-0853	1	Pump Housing Seal Kit
29:2	107-0810	1	Gasket-Case, Center
29:3	107-0817	2	O Ring-Plug
29:4	104-3298	1	Packing
29:5	107-0814	3	Seal
29:6	107-0825	4	Ring-Seal
30	107-0828	2	Plate-Swash
31	107-0808	2	Valve-Bypass
32	107-0804	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. 107-0801**

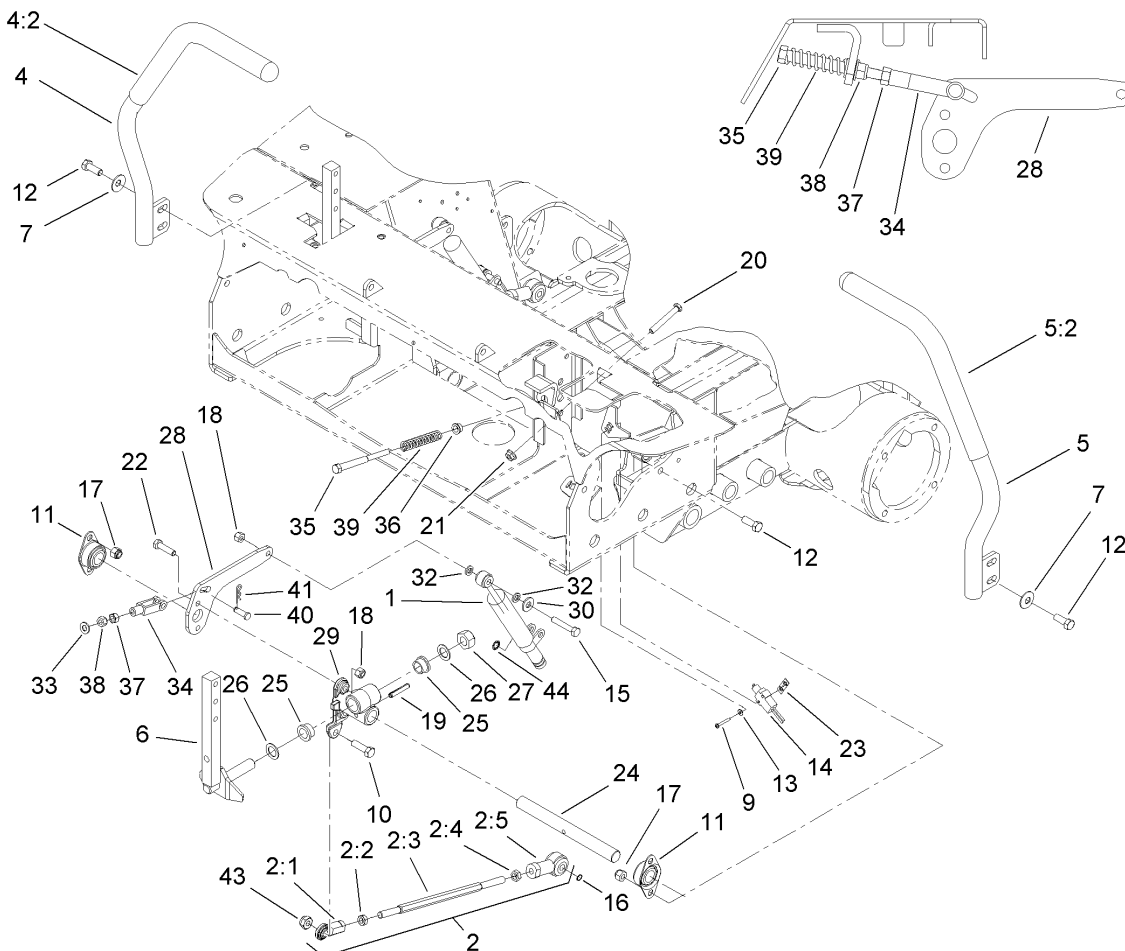
Ref	Part No.	Qty.	Description
1	107-0839	1	PTO Brake ASM
2	107-0837	3	Rod-Push
3	107-0833	1	PTO Shaft ASM
4	107-0825	2	Ring-Seal
5	107-0827	1	Shaft-Pump
6	107-0823	2	Gear-Pump
7	92-0765	4	Pin-Parallel
9	107-0826	4	Bearing
10	107-0815	1	Housing-Gear Case
11	107-0863	13	Bolt
12	92-0757	1	Ring-Snap
13	107-0813	1	Spacer
16	107-0861	1	Plug-NPTF
18	107-0857	6	Plug
19	107-0811	1	Pipe
20	107-0821	2	Bearing
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

Ref	Part No.	Qty.	Description
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



Hydraulic Gear Pump Assembly No. 112-9542

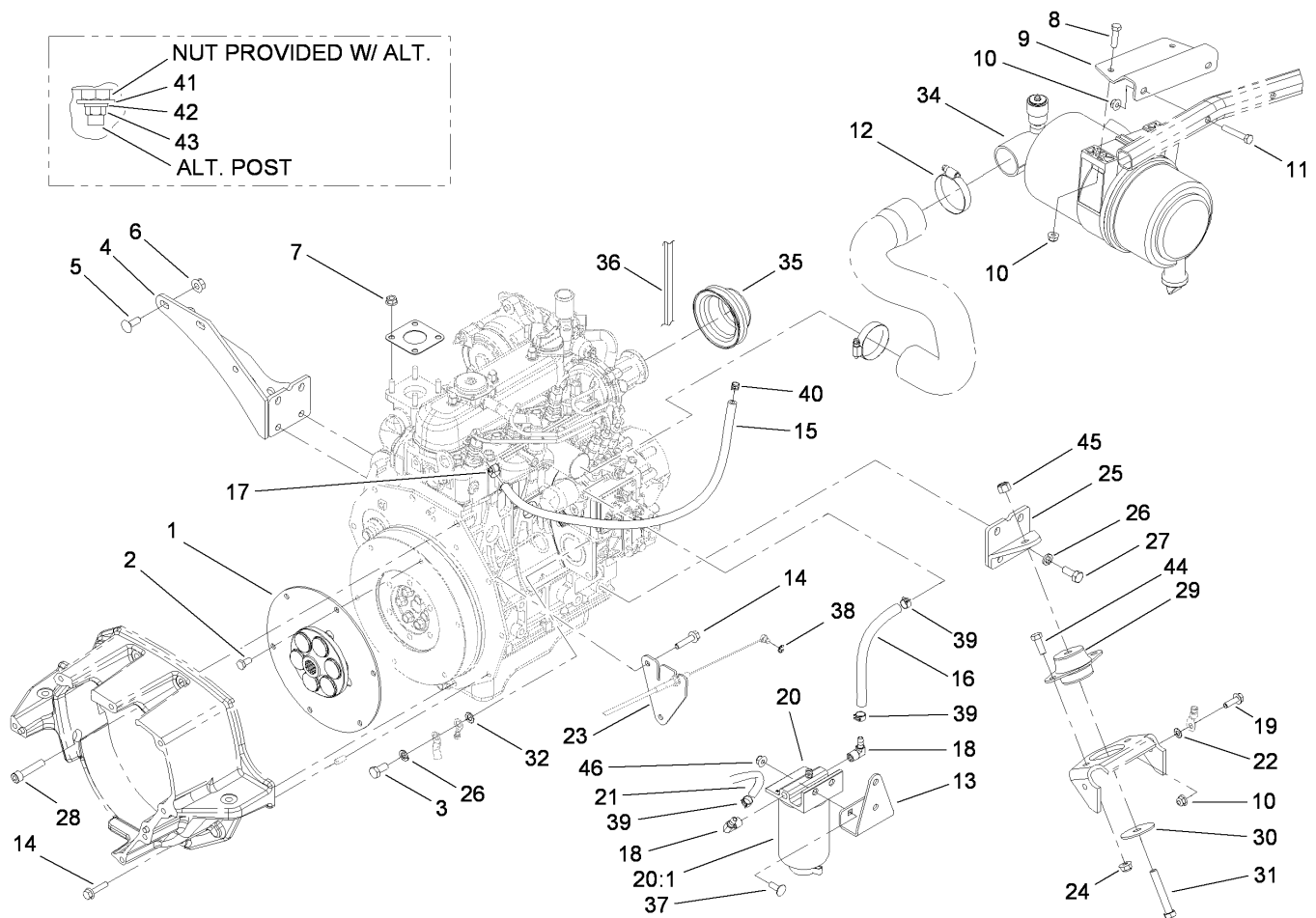
Ref	Part No.	Qty.	Description
1	112-0198	1	Valve
2	112-0199	1	Seal Kit



Traction Control Assembly

Ref	Part No.	Qty.	Description
1	105-7280	2	Damper
2	112-5099	2	Link ASM
2:1	103-1167	1	Joint-Ball End, LH
2:2	3219-20	1	Nut-Hex, LH
2:3	105-7239	1	Rod-Threaded
2:4	3219-3	1	Nut-Hex
2:5	105-7199	1	Rod End-Isolated
4	108-5208	1	RH Lever And Grip ASM
4:2	108-5213	1	Grip-Foam
5	108-5209	1	LH Lever And Grip ASM
5:2	108-5213	1	Grip-Foam
6	108-9833-03	2	Lever ASM
7	3290-461	4	Washer-Spring
9	3250-35	4	Screw-PPH
10	323-7	2	Screw-HH
11	1-633102	4	Bearing-Flange, Side
12	323-6	12	Screw-HH
13	3256-53	4	Washer-Flat
14	99-3410	2	Switch
15	322-9	2	Screw-HH
16	32120-46	2	Ring-Retaining
17	3296-39	8	Nut-Lock, NI
18	3296-29	6	Nut-Lock, NI
19	32121-15	2	Pin-Roll

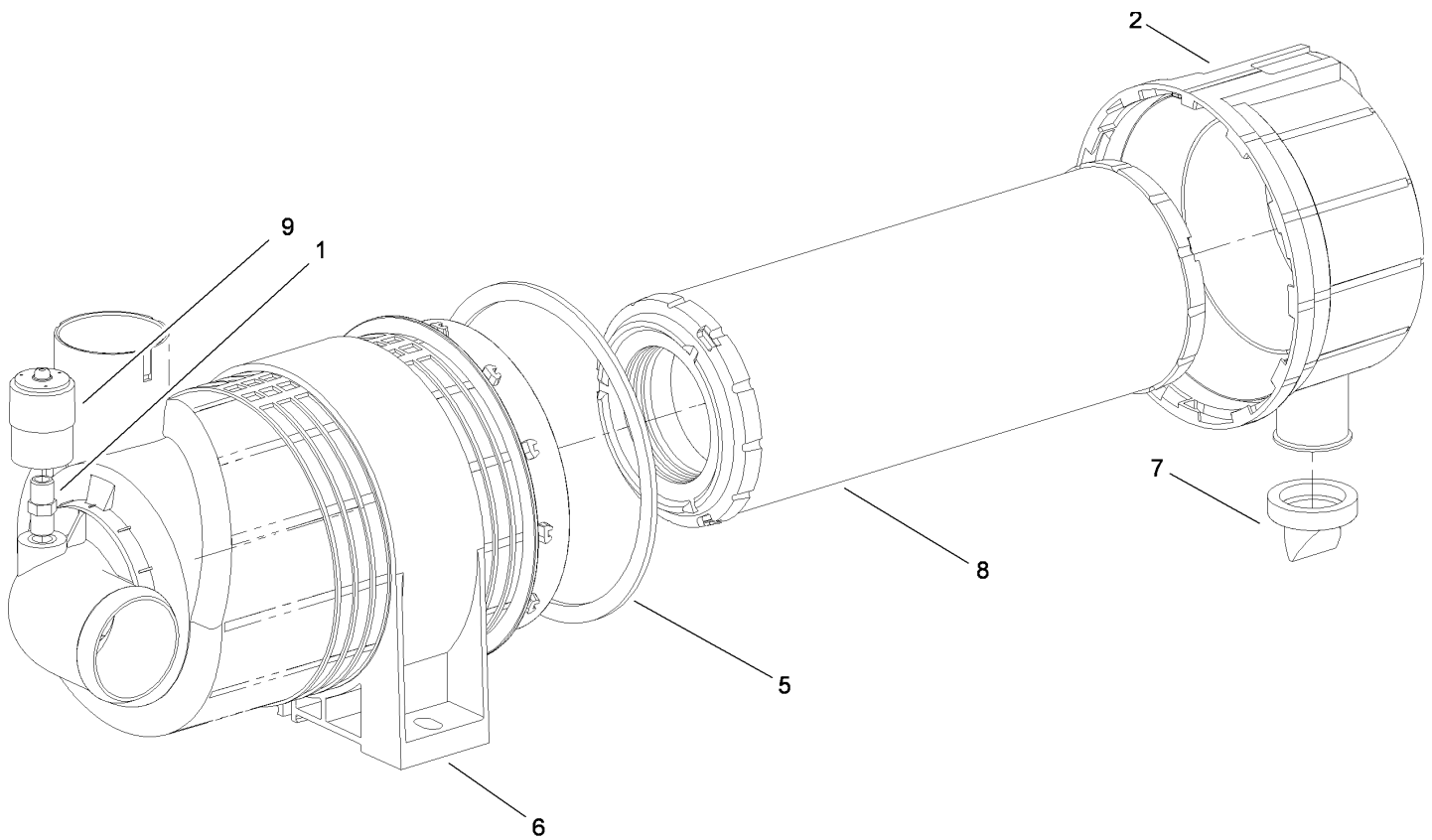
Ref	Part No.	Qty.	Description
20	9114524	2	Bolt-TAP, HH
21	32128-26	2	Nut-Flange
22	322-6	4	Screw-HH
23	108-9824	2	Nut-Switch
24	108-9830	2	Shaft-Pivot
25	105-3455	4	Bushing
26	105-3481	4	Washer-Thrust
27	32152-6	2	Nut-Lock, Cone
28	108-9829-03	2	Lever-Damper
29	108-9831	2	Hub-Control
30	3256-3	2	Washer-Flat
32	3253-4	4	Washer-Lock
33	3256-23	2	Washer-Flat
34	1-303105	2	Yoke-Adjustable
35	1-603737	2	Bolt-Return, Neutral
36	1-603735	2	Bushing-Flanged
37	3219-2	2	Nut-Hex
38	3296-4	2	Nut-Lock
39	1-603807	2	Spring-Return, Neutral
40	283-1	2	Pin-Clevis
41	3290-307	2	Pin-Hair
43	3296-44	2	Nut-Lock, NI
44	32151-72	2	Ring-Retaining



Engine Component Assembly

Ref	Part No.	Qty.	Description
1	110-9729	1	Flywheel Coupling ASM
2	33114-016	6	Screw-HH
3	63-7790	1	Screw-Cap
4	108-9926-03	1	Muffler Bracket ASM
5	3231-22	2	Screw-CARR
6	32128-29	2	Locknut-Flange
7	33004-00	4	Nut-HF
8	322-6	2	Screw-HH
9	108-9843-03	1	Support-Cleaner, Air
10	104-8300	5	Nut-Flange, NI
11	322-10	2	Screw-HH
12	2412-130	1	Clamp-Hose
13	114-4058-03	1	Mount-Separator
14	33104-035	8	Screw-HHF
15	110-8255	1	Hose-Fuel
16	110-4104	1	Hose-Fuel
17	2412-108	1	Clamp-Worm
18	353-781	2	Fitting-Elbow
19	3234-17	1	Screw-HHF
20	110-9044	1	Filter-Separator
20:1	110-9049	1	Filter-Spin On
21	114-4028	1	Hose-Fuel
22	3255-8	1	Washer-Lock
23	114-4060	1	Bracket-Throttle

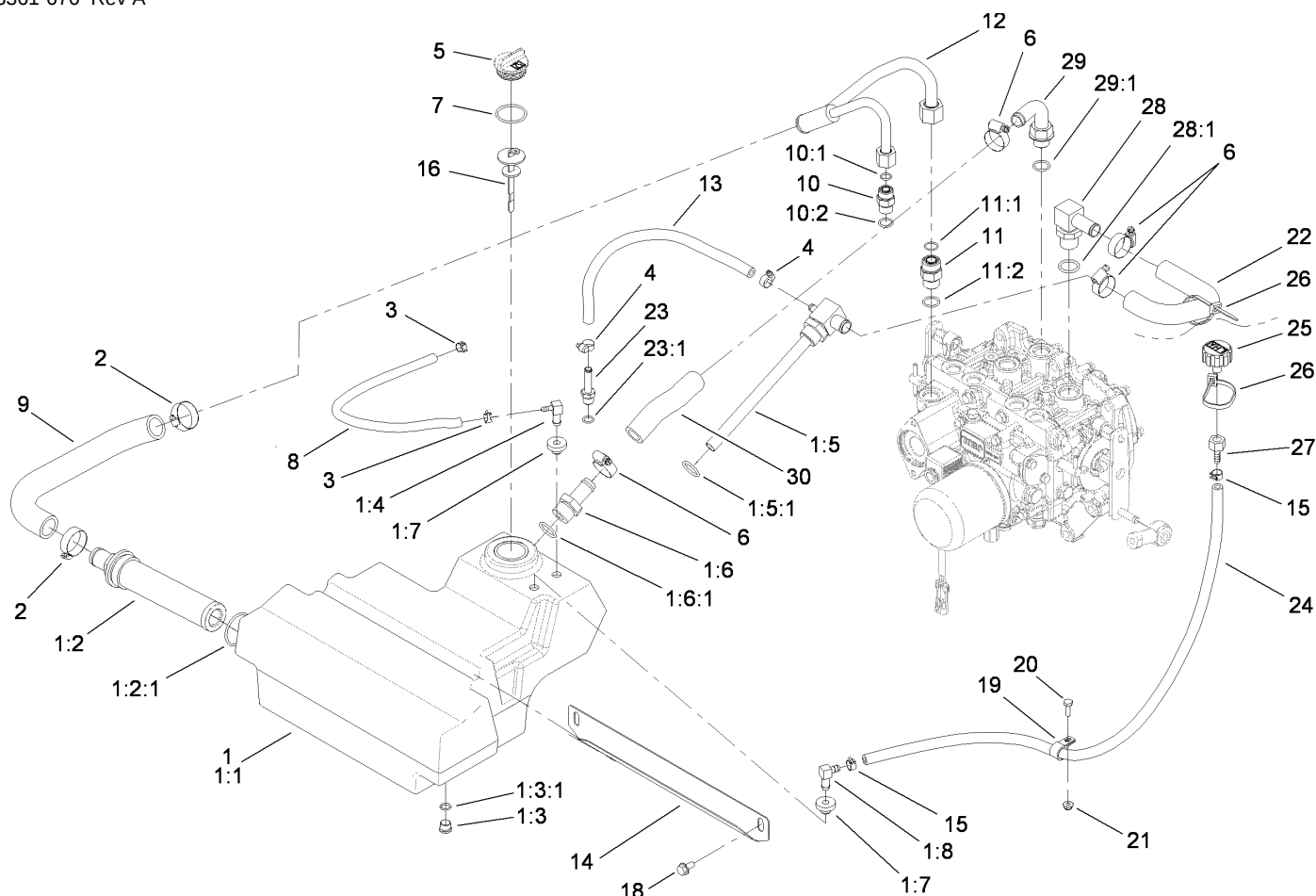
Ref	Part No.	Qty.	Description
24	104-8301	4	Nut-Flange, NI
25	105-7235-03	1	LH Rear Mount ASM
26	48-9590	9	Washer-Lock
27	43-0090	8	Screw-HH
28	3274-106	2	Screw-HSH
29	53-9681	2	Mount-Engine
30	87-5100	2	Washer-Snubbing
31	324-11	2	Screw-HH
32	3255-9	1	Washer-Lock
34	104-3428	1	Air Cleaner ASM
35	98-9584	1	Pulley-Fan
36	98-9676	1	V-Belt
37	3230-10	2	Screw-CARR
38	701197	1	E-Ring
39	92-2379	3	Clamp-Hose
40	2412-80	1	Clamp-Line, Fuel
41	3256-2	1	Washer-Flat
42	43-5930	1	Washer-Spring
43	33013-00	1	Nut-Hex
44	323-6	4	Screw-HH
45	3296-48	2	Nut-Lock, NI
46	32128-44	2	Nut



Air Cleaner Assembly No. 104-3427

Ref	Part No.	Qty.	Description
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

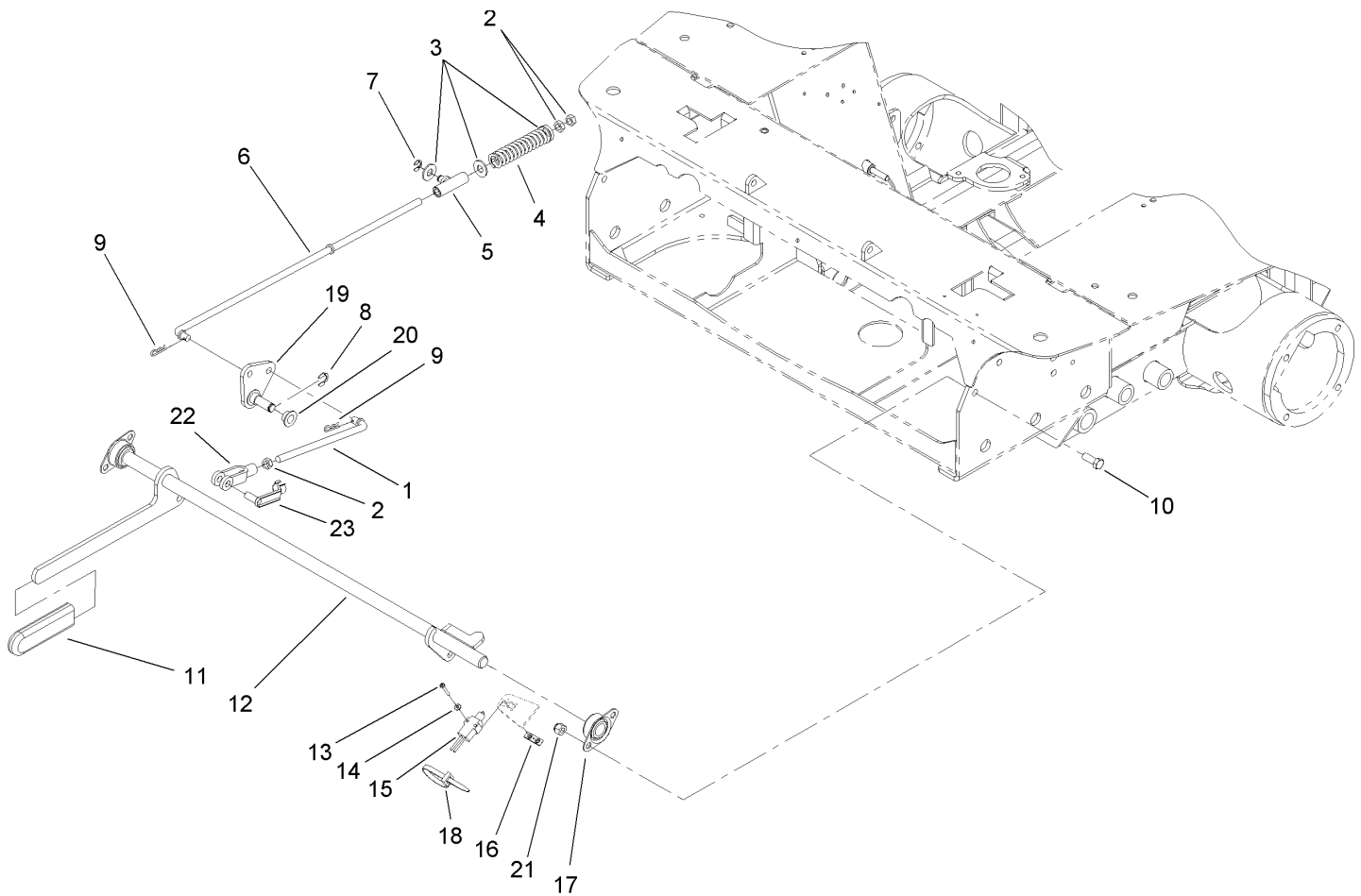
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Hydraulic Assembly

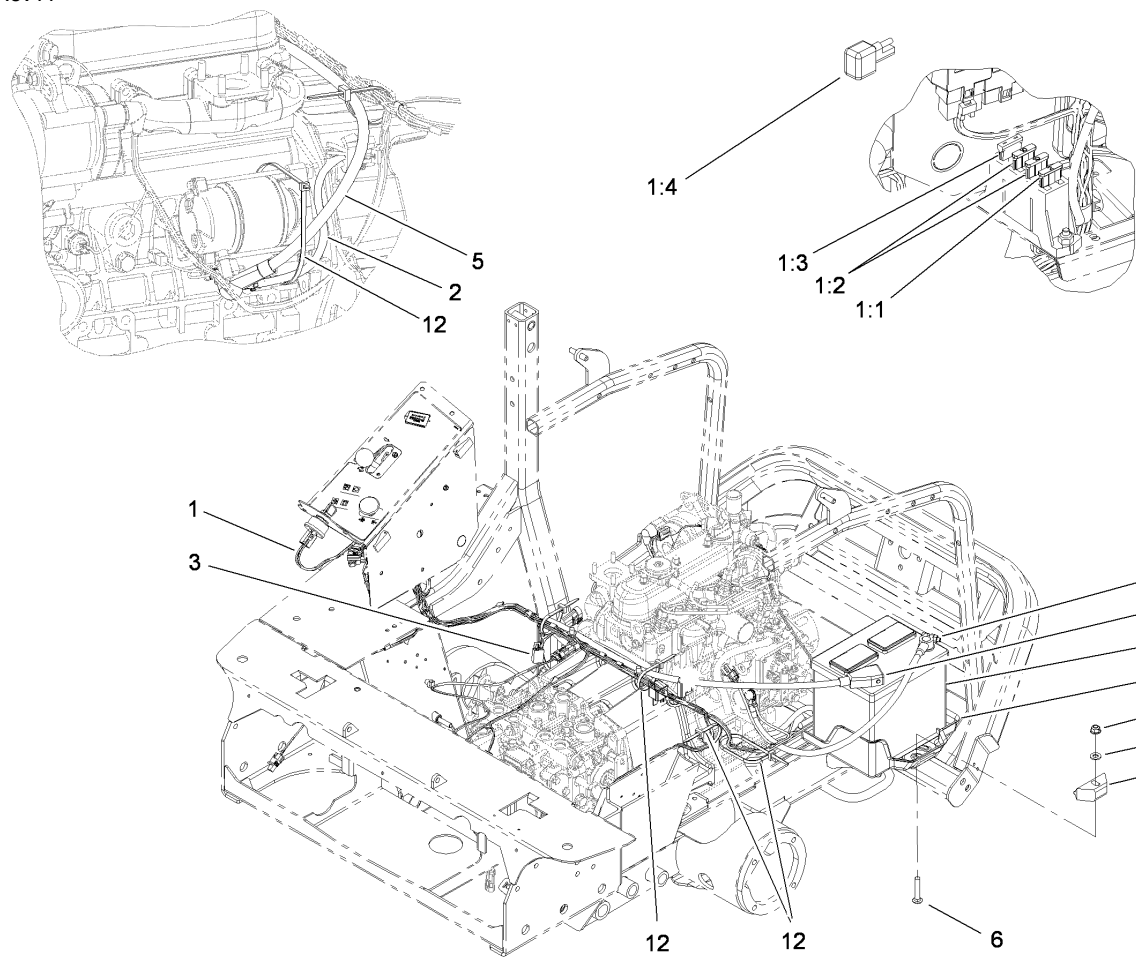
Ref	Part No.	Qty.	Description
1	110-8237	1	Hydraulic Reservoir ASM
1:1	108-5200	1	Reservoir-Hydraulic
1:2	104-7546	1	Strainer-Tank
1:2:1	340-136	1	O-Ring
1:3	353-989	1	Plug-Hex, Hollow
1:3:1	237-42	1	O-Ring
1:4	104-5228	1	Fitting-Elbow
1:5	108-9894	1	Fitting-Elbow, Special
1:5:1	237-81	1	O-Ring
1:6	354-73	1	Fitting-Straight
1:6:1	237-81	1	O-Ring
1:7	46-6560	2	Bushing
1:8	46-6550	1	Fitting-Elbow, 90 DEG
2	2412-34	2	Clamp-Hose
3	2412-98	2	Clamp
4	2412-108	2	Clamp-Worm
5	93-7498	1	Plug-Plastic
6	2412-129	4	Clamp-Hose
7	94-8166	1	O-Ring
8	109-0299	1	Hose-Fuel
9	110-5526	1	Hose-Suction
10	340-4	1	Fitting-HYD, Straight
10:1	237-30	1	O-Ring
10:2	237-79	1	O-Ring

Ref	Part No.	Qty.	Description
11	340-7	1	Adapter
11:1	237-65	1	O-Ring
11:2	237-80	1	O-Ring
12	110-5532	1	Tube ASM
13	94-5625	1	Hose-Overflow, Radiator
14	110-5529-03	1	Support-Reservoir
15	92-2379	2	Clamp-Hose
16	112-6365	1	Dipstick ASM
18	32144-14	2	Screw-HWHTF
19	2412-87	1	Clamp-Cable
20	321-4	1	Screw-HH
21	104-7201	1	Nut-HF
22	110-5524	1	Hose-Return
23	353-979	1	Fitting-Straight
23:1	237-42	1	O-Ring
24	110-9662	1	Hose-Fuel
25	68-6150	1	Breather
26	3290-379	2	Tie-Cable
27	354-95	1	Fitting-Straight
28	353-987	1	Fitting-HYD, 90
28:1	237-81	1	O-Ring
29	110-5522	1	Fitting-Elbow, 90
29:1	237-80	1	O-Ring
30	112-1680	1	Hose-HYD



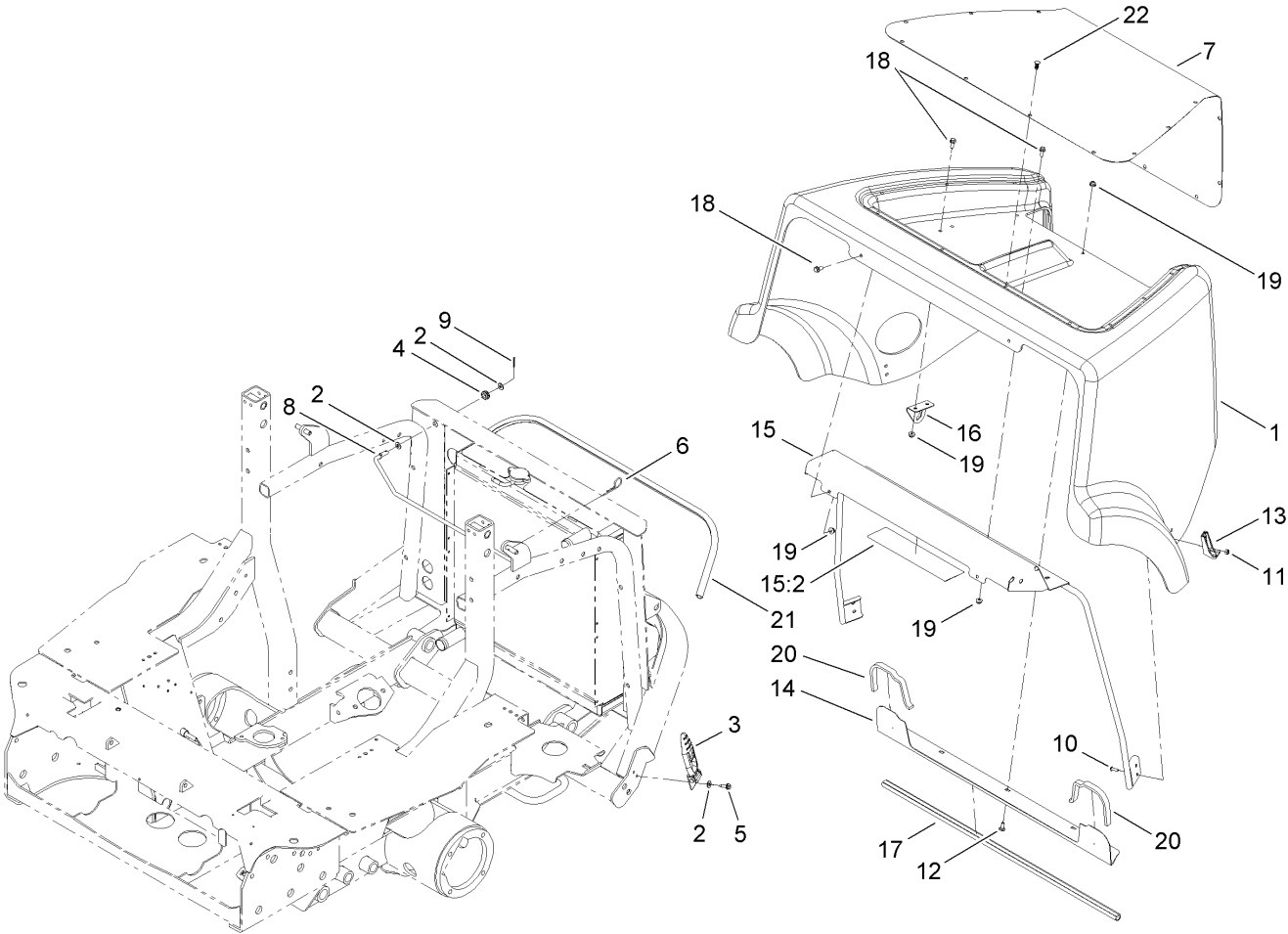
Parking Brake Assembly

Ref	Part No.	Qty.	Description				
1	110-5498	2	Rod-Brake, Front				
2	3219-3	6	Nut-Hex				
3	3256-4	6	Washer-Flat				
4	109-2230	2	Spring-Compression				
5	112-1676	2	Swivel ASM				
6	110-5494	2	Rod-Brake, Rear				
7	32151-47	2	Ring-Retaining				
8	32151-68	2	Ring-Retaining				
9	3290-307	4	Pin-Hair				
10	323-6	4	Screw-HH				
11	1-633268	1	Grip-Lever, Brake				
12	108-5214-03	1	Brake Handle ASM				
13	3250-35	2	Screw-PPH				
14	3256-53	2	Washer-Flat				
15	95-8900	1	Switch				
16	108-9824	1	Nut-Switch				
17	1-633102	2	Bearing-Flange, Side				
18	3290-378	1	Tie-Cable				
19	110-9754	2	Brake Pivot ASM				
20	1-513140	4	Bearing-Control				
21	3290-357	4	Nut-HHF, Whiz				
22	1-633131	2	Yoke-Linkage, Brake				
23	103-2399	2	Pin-Spring, Clevis				



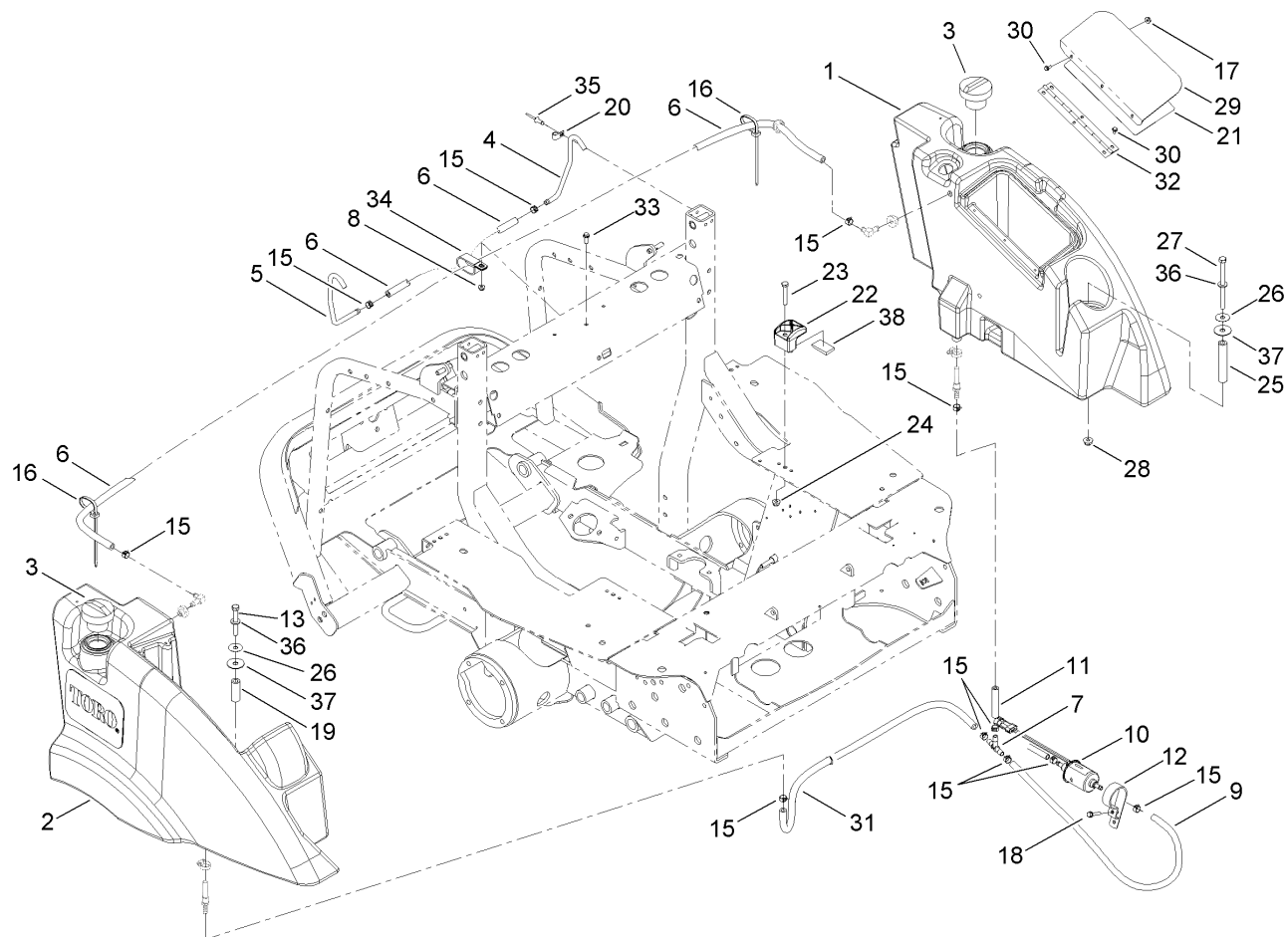
Electrical Assembly

Ref	Part No.	Qty.	Description				
1	114-3382	1	Harness-Wire, Main				
1:1	94-6710	1	Fuse-Blade, 2 Amp				
1:2	218-578	2	Fuse-10 Amp				
1:3	109355	1	Fuse-15 Amp				
1:4	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				
5	104-0086	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

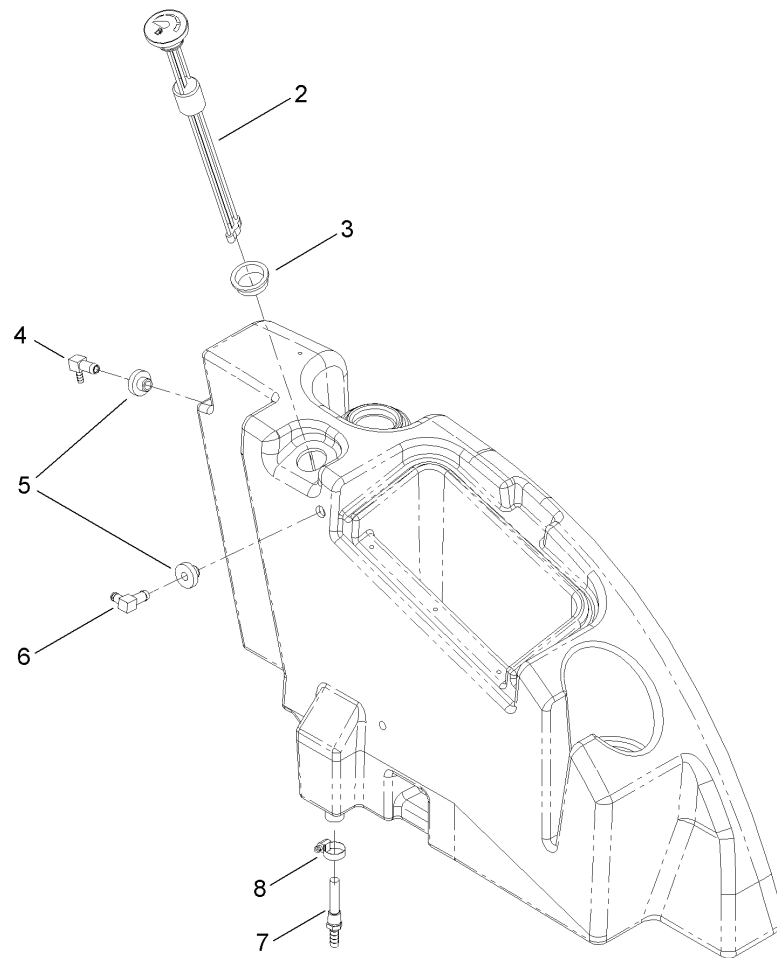
Ref	Part No.	Qty.	Description				
1	112-6311	1	Hood ASM				
2	3256-2	4	Washer-Flat				
3	103-2898	2	Latch-Rubber				
4	237-136	1	Grommet				
5	32104-95	2	Screw-HWH				
6	3290-255	1	Pin-Cotter, Hair				
7	115-1446-03	1	Screen-Intake				
8	110-8291	1	Rod-Prop, Hood				
9	3272-6	1	Pin-Cotter				
10	3274-39	4	Screw-HSBH				
11	3296-2	4	Nut-Lock, NI				
12	3229-11	3	Screw-CARR				
13	103-2897	2	Latch-Catch				
14	110-8285-03	1	Angle-Seal				
15	110-9795	1	Support-Hood				
15:2	110-9781	1	Decal-Danger				
16	108-9811	1	Support-Rod, Prop				
17	110-8287	1	Bulb-Seal				
18	3234-33	8	Screw-HHF				
19	104-7201	11	Nut-HF				
20	110-8288	2	Seal-Foam				
21	112-1694	1	Seal-Bulb				
22	114-4899	17	Plug-Plastic				



Fuel Tank Assembly

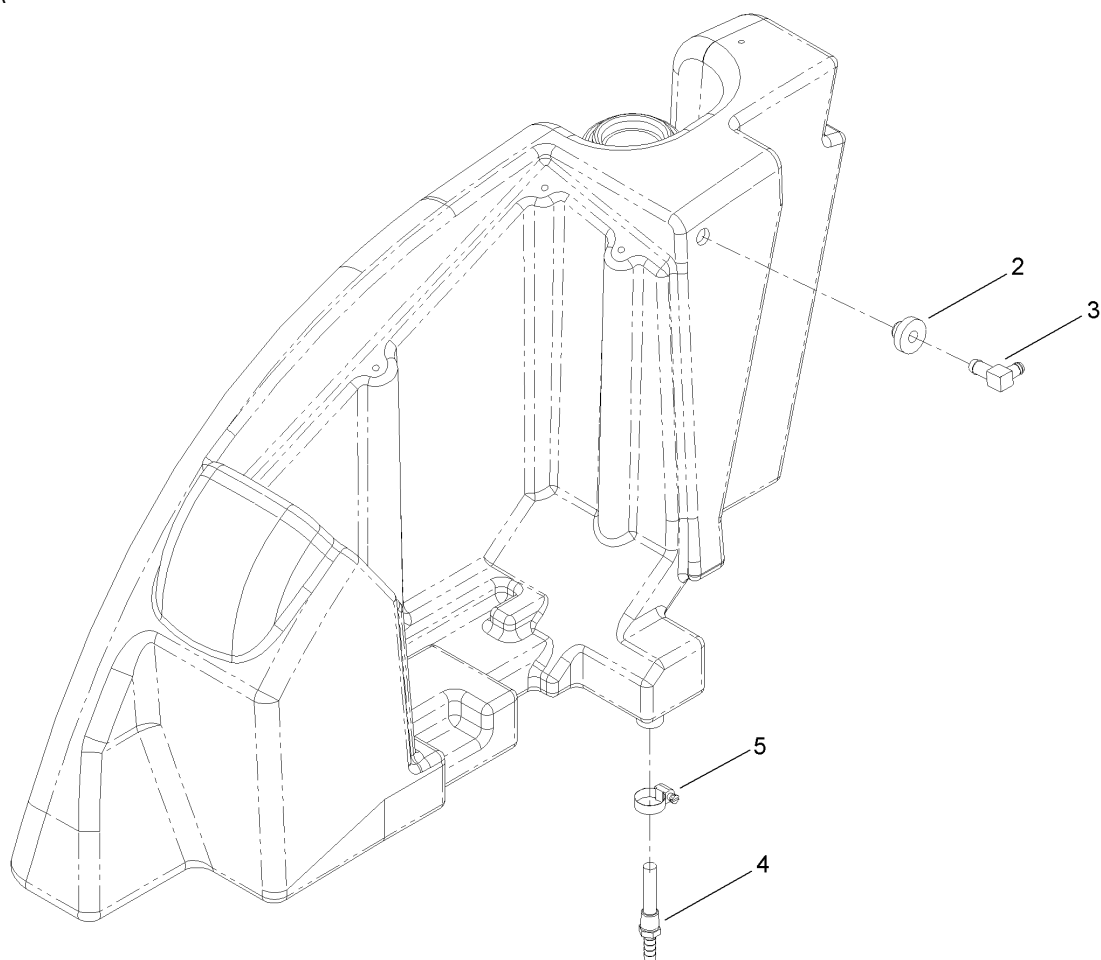
Ref	Part No.	Qty.	Description
1	110-8230	1	LH Fuel Tank ASM
2	110-8236	1	RH Fuel Tank ASM
3	115-5305	2	Cap-Fuel
4	110-8261	1	Tube-Vent, LH
5	110-8260	1	Tube-Vent, RH
6	110-6186	2	Hose-Fuel
7	354-107	1	Fitting-HYD, Tee
8	104-7201	1	Nut-HF
9	110-4113	1	Hose-Fuel
10	110-8806	1	Pump-Fuel
11	112-6388	1	Hose-Fuel
12	110-8817	1	Bracket-Pump, Fuel
13	323-13	1	Screw-HH
15	92-2379	11	Clamp-Hose
16	3290-378	2	Tie-Cable
17	32149-8	3	Nut-Keps
18	32144-110	1	Screw-HWH
19	92-1239	1	Spacer-Support
20	2412-89	2	Clamp
21	110-8252	1	Decal-Instructions, Service
22	107-4543	4	Clamp
23	322-10	4	Screw-HH
24	104-8300	4	Nut-Flange, NI
25	110-5539	1	Spacer

Ref	Part No.	Qty.	Description
26	105-6814	2	Washer-Plain
27	323-39	1	Screw-HH
28	104-8301	2	Nut-Flange, NI
29	110-5540-03	1	Cover-Toolbox
30	112-6349	6	Screw-HWH
31	110-9662	1	Hose-Fuel
32	108-2024	1	Hinge
33	3234-4	1	Screw-HHF
34	2412-137	1	Clamp-R, Double
35	3290-412	2	Rivet
36	3256-24	2	Washer-Flat
37	95-1905	2	Washer-Rubber
38	112-9561	4	Pad-Foam



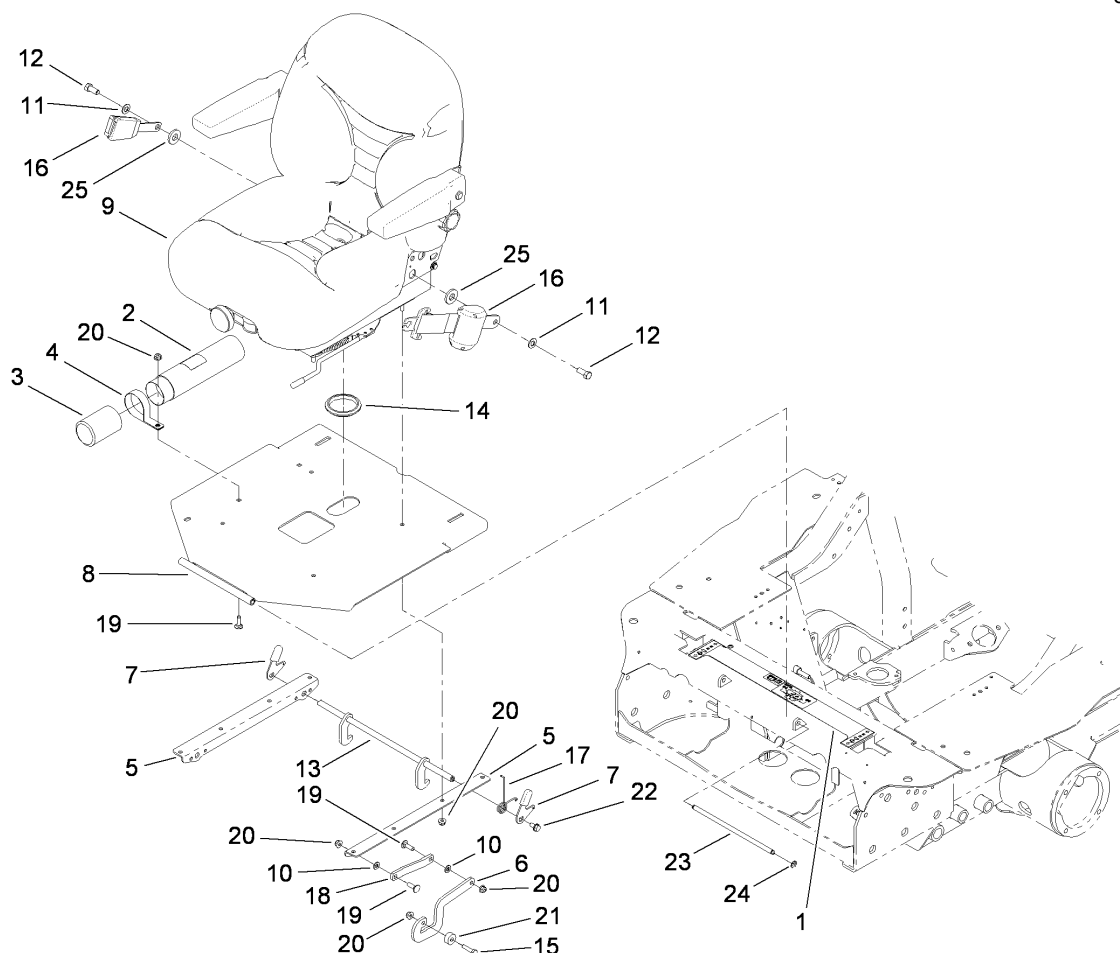
LH Fuel Tank Assembly No. 110-8230

Ref	Part No.	Qty.	Description				
2	110-8262	1	Gauge-Fuel				
3	95-8972	1	Grommet				
4	104-5228	1	Fitting-Elbow				
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

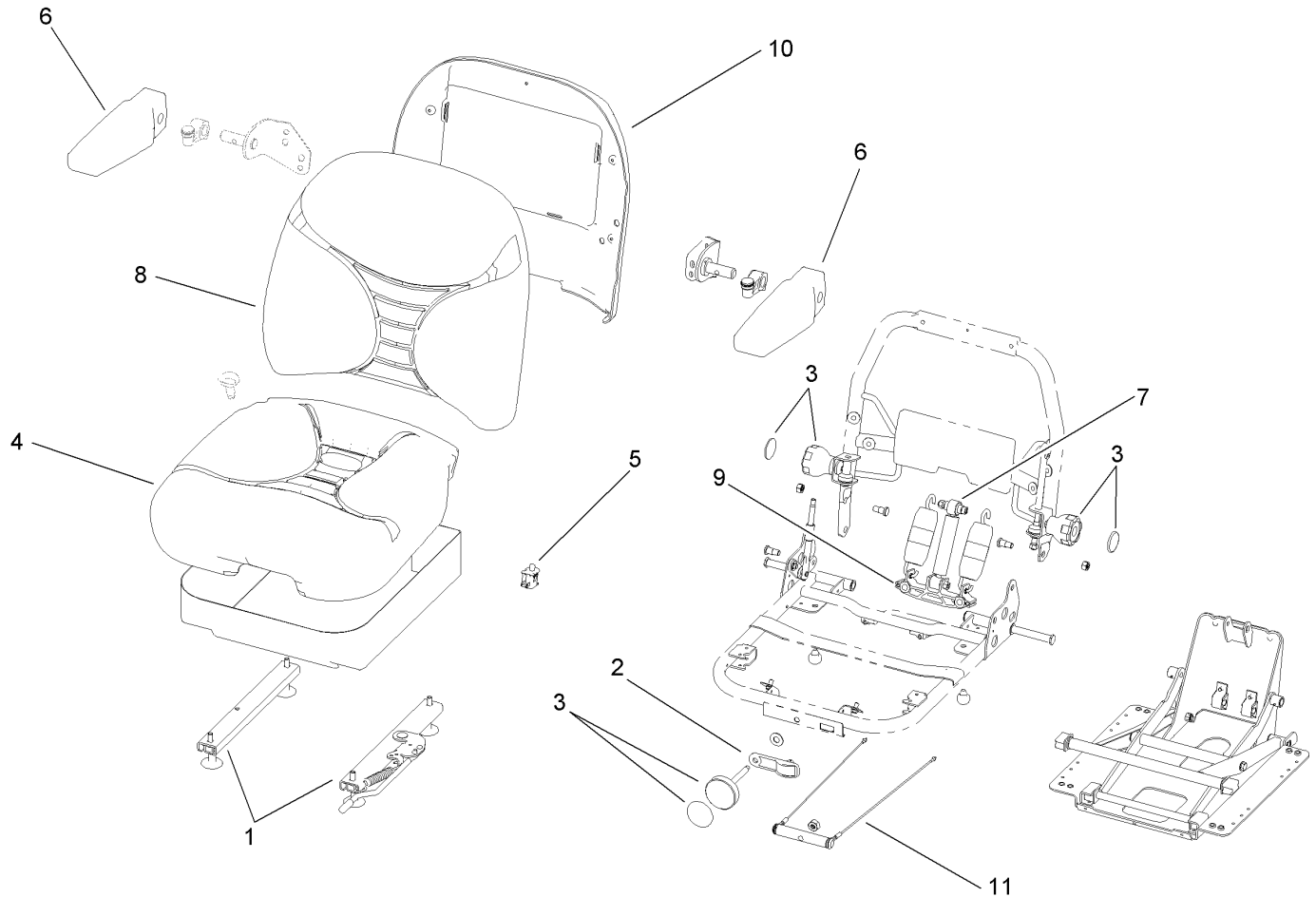
Ref	Part No.	Qty.	Description
2	46-6560	1	Bushing
3	1-643259	1	Fitting-Elbow
4	112-6374	1	Fitting-Strainer
5	2412-36	1	Clamp-Hose



Seat Assembly

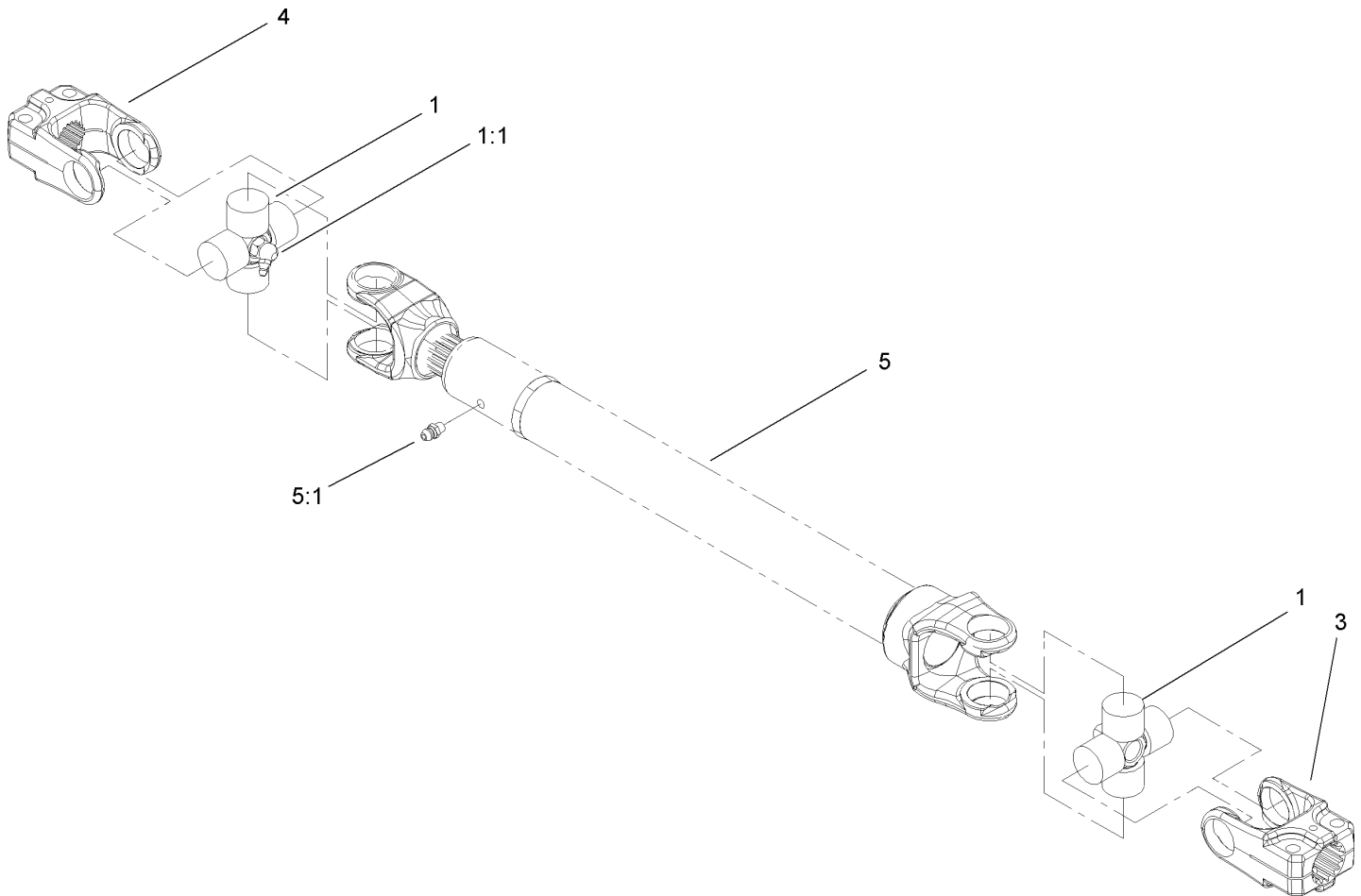
Ref	Part No.	Qty.	Description
1	110-9774	1	Decal-Safety
2	104-7050	1	Housing-Manual
3	104-7048	1	Cap-Housing
4	2412-133	2	R-Clamp
5	108-5238-03	2	Angle-Latch
6	110-5512	1	Lever-Stop, Seat
7	108-5243	2	Lever-Latch
8	107-2272-03	1	Plate-Seat
9	107-2286	1	Seat ASM
10	3256-23	2	Washer-Flat
11	3256-25	2	Washer-Flat
12	3212-4	2	Screw-HH
13	108-5240	1	Latch ASM
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

Ref	Part No.	Qty.	Description
25	99-7667	2	Washer-Flat



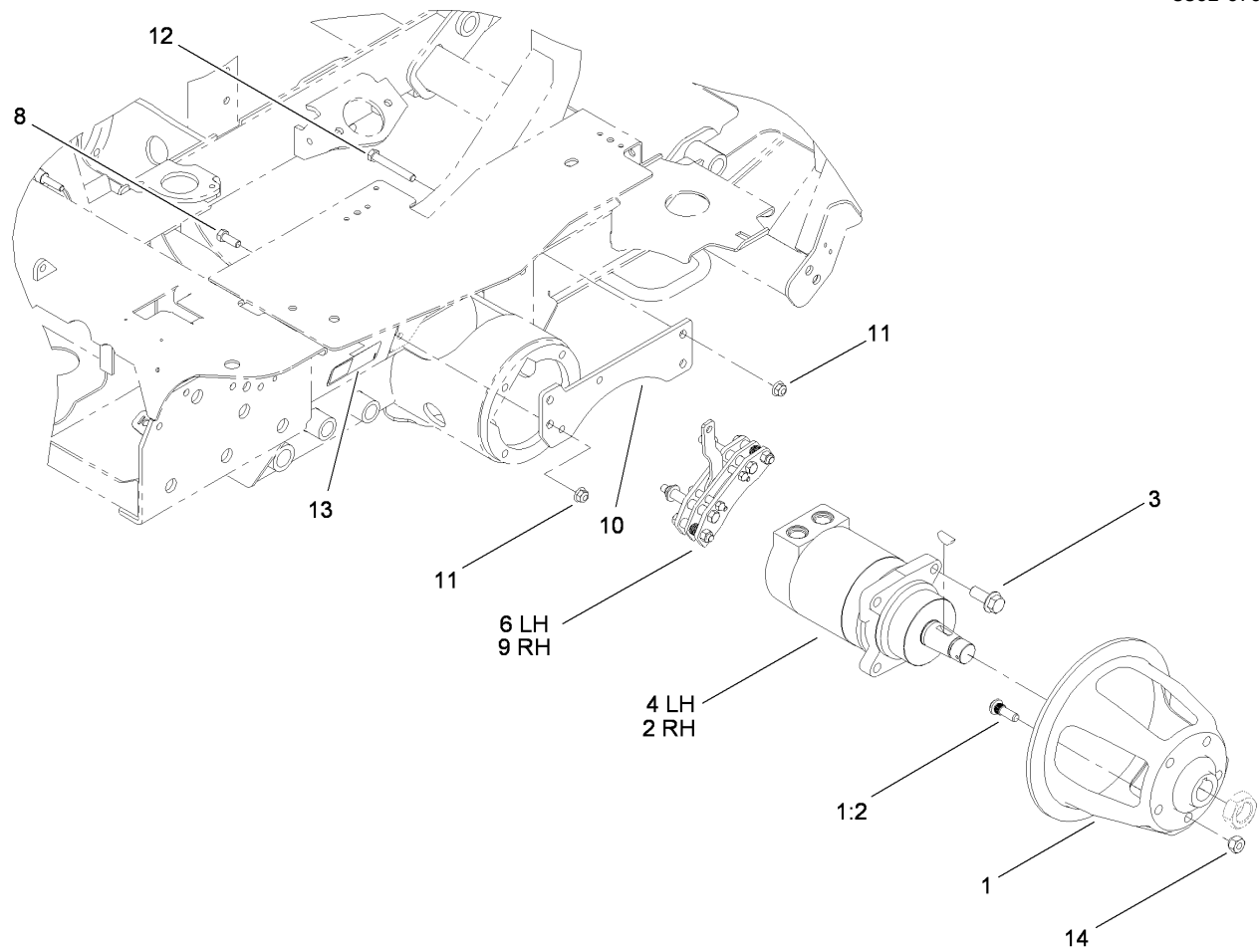
Seat Assembly No. 107-2286

Ref	Part No.	Qty.	Description
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



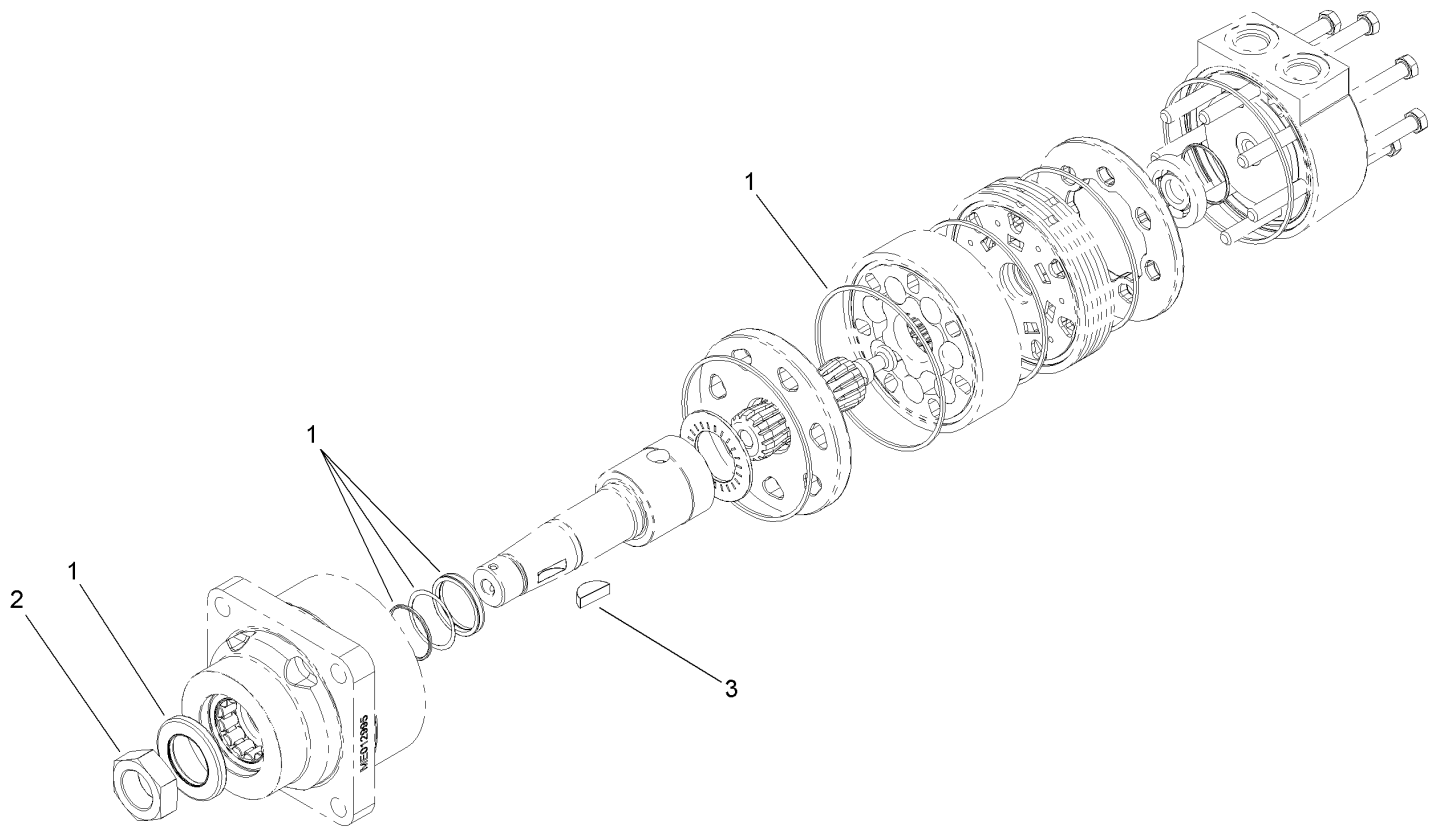
Driveshaft Assembly No. 110-3575

Ref	Part No.	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				
25		1	Tube-Yoke, Slip				
5:1	302-22	1	Fitting-Grease				



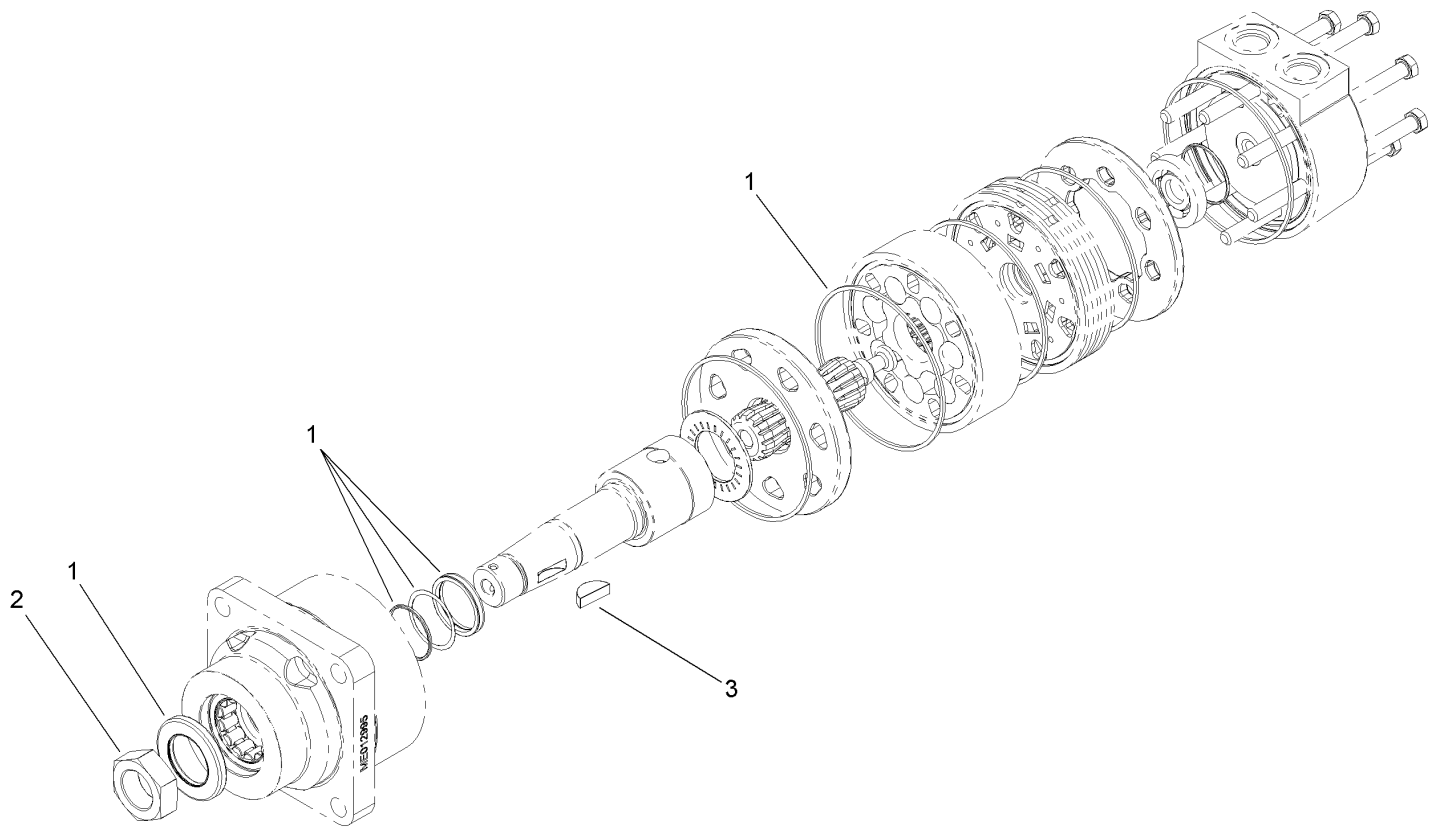
Rear Drive Assembly

Ref	Part No.	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	108-5151	1	Caliper-Brake, LH				
8	323-6	4	Screw-HH				
9	108-5150	1	Caliper-Brake, RH				
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				



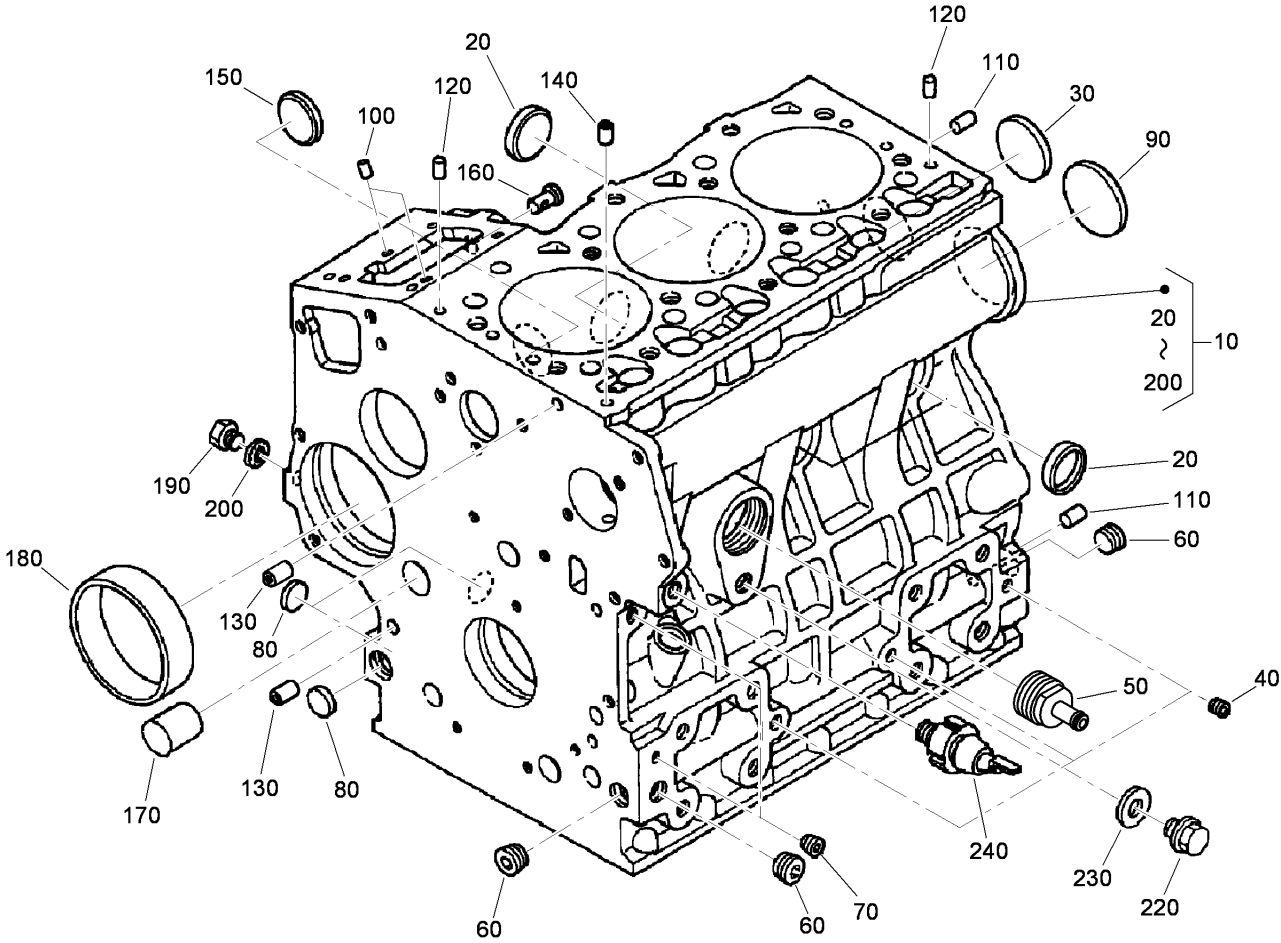
Hydraulic Motor Assembly No. 108-5230

Ref	Part No.	Qty.	Description
1	112-8405	1	Seal Kit
2	107-9319	1	Nut-Hex
3	3257-42	1	Key-Woodruff



Hydraulic Motor Assembly No. 108-5155

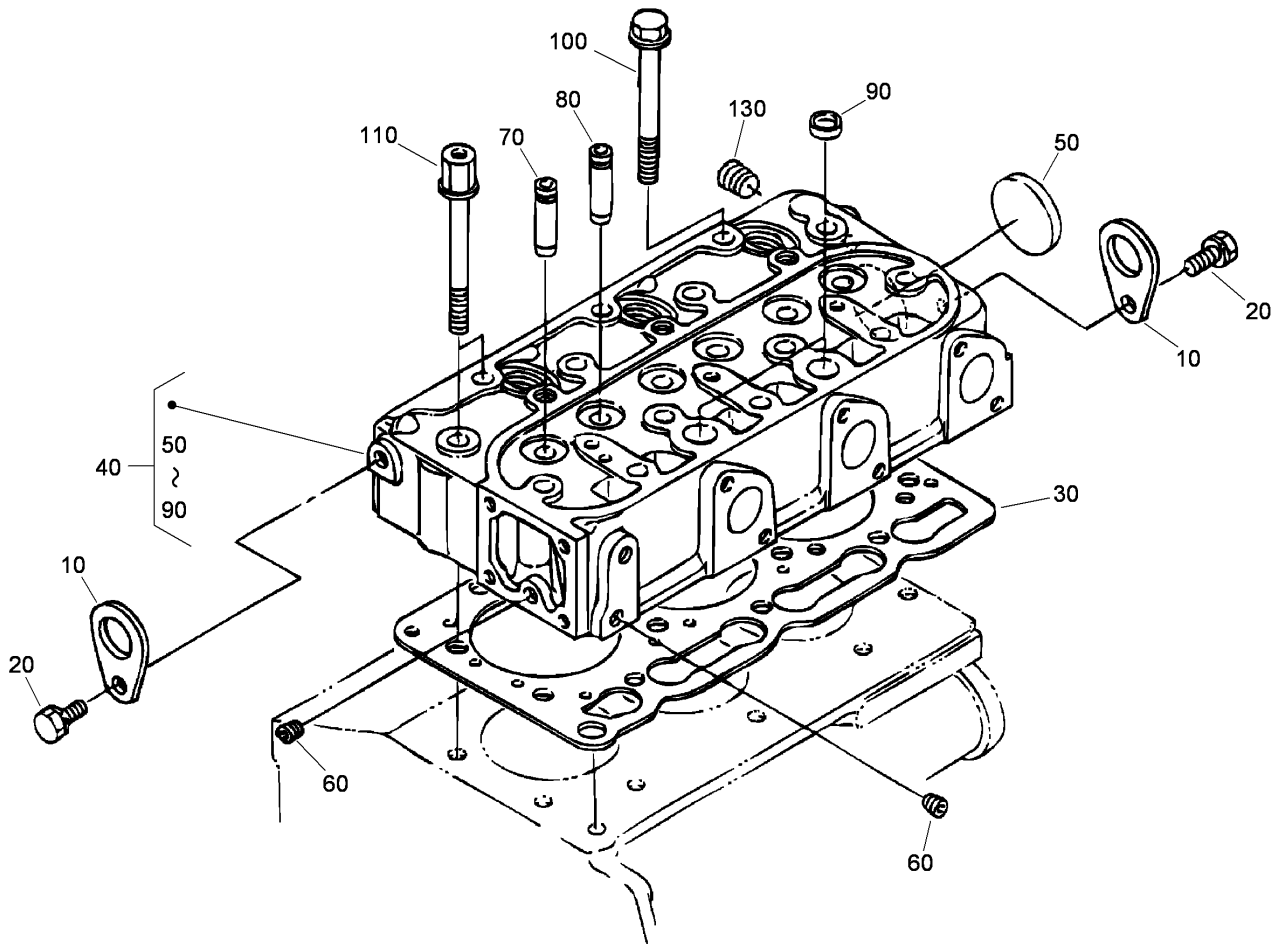
Ref	Part No.	Qty.	Description
1	112-8405	1	Seal Kit
2	107-9319	1	Nut-Hex
3	3257-42	1	Key-Woodruff



Crankcase Assembly

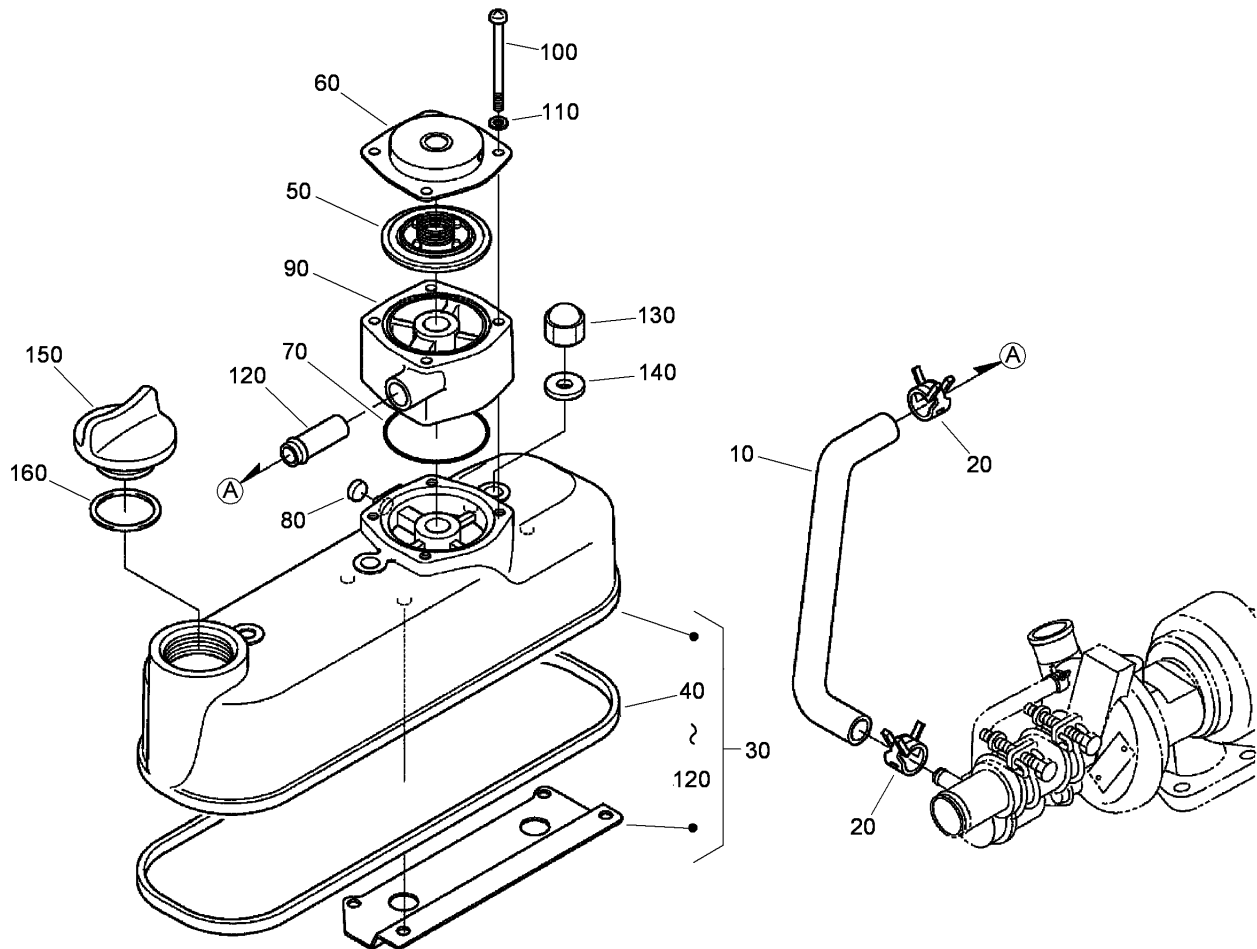
Ref	Part No.	Qty.	Description				
10	112-7043	1	Crankcase ASM				
20	98-9398	4	Cap-Sealing				
30	98-7539	1	Cap-Sealing				
40	98-7540	3	Plug				
50	99-8347	1	Joint-Pipe, Drain				
60	98-9597	3	Plug				
70	98-7487	2	Plug				
80	98-9379	3	Plug-Expansion				
90	98-9668	1	Plug-Expansion				
100	98-9375	2	Pin-Straight				
110	98-9377	2	Pin-Straight				
120	98-9376	2	Pin-Straight				
130	98-9387	2	Pin-Pipe				
140	98-9539	1	Pin-Pipe				
150	98-9599	1	Plug				
160	98-9630	1	Pin-Spring, Start				
170	98-9675	1	Plug				
180	98-9656	1	Bushing-Governor, Gear				
190	98-7507	1	Plug				
200	98-7428	1	Gasket				
220	99-3447	1	Plug				
230	106-7056	1	Gasket				
240	98-9416	1	Switch-Oil				

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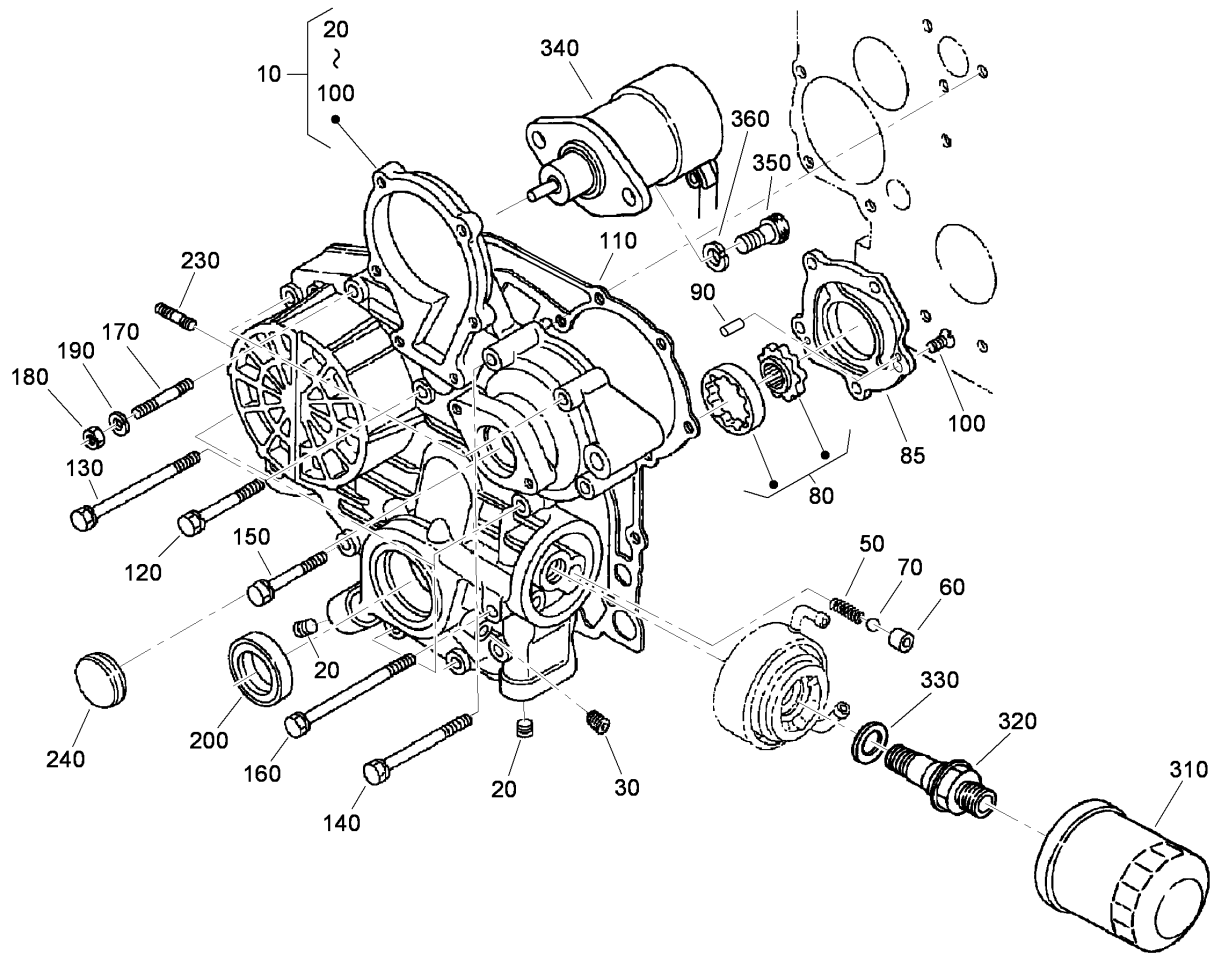
Cylinder Head Assembly

Ref	Part No.	Qty.	Description				
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				



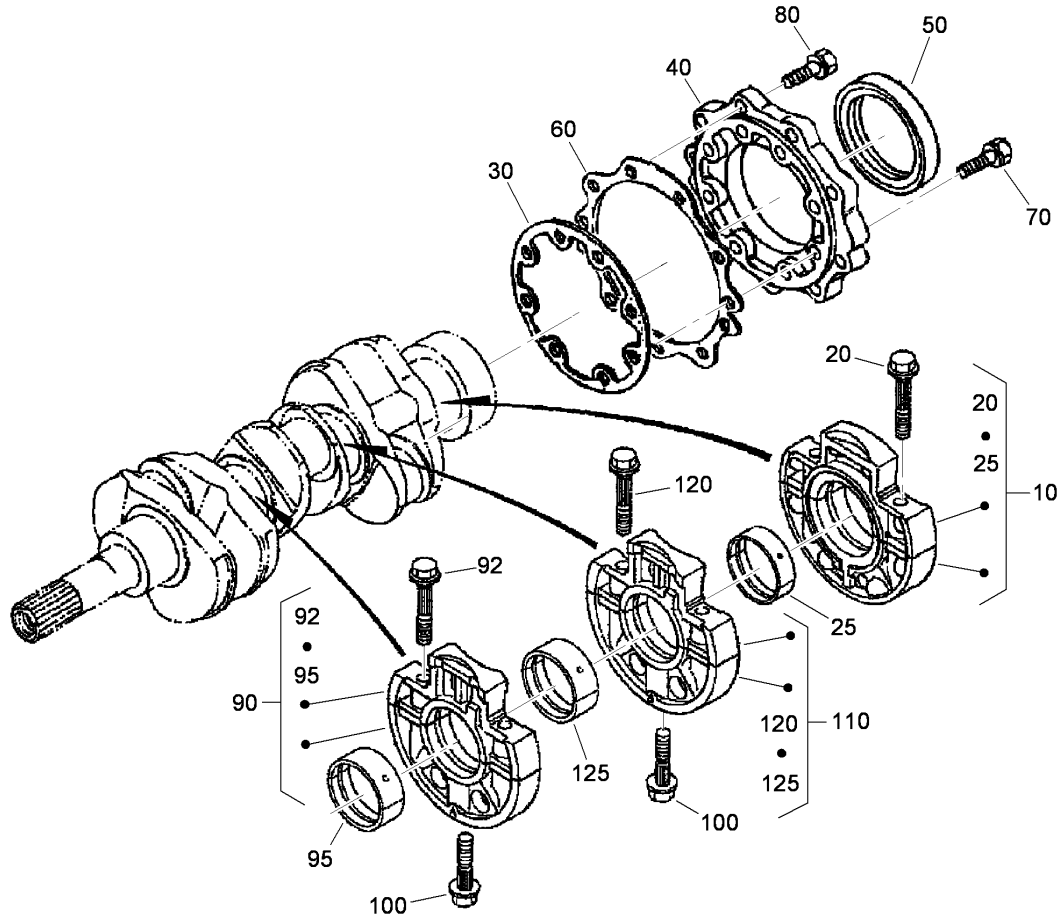
Head Cover Assembly

Ref	Part No.	Qty.	Description				
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	*obs* 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				



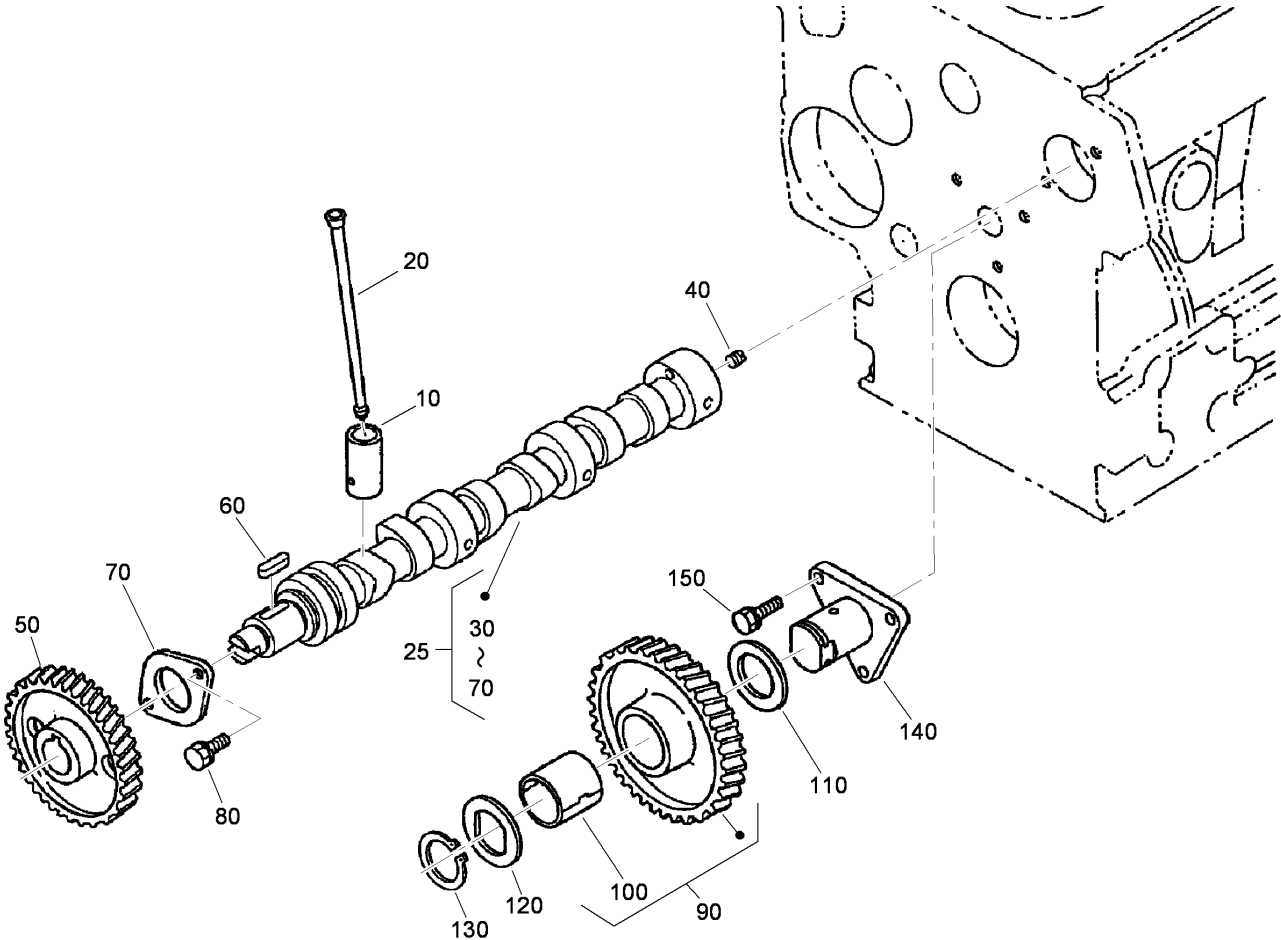
Gear Case Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
10	115-4111	1	Gear Case ASM	330	98-9727	1	Collar
20	98-9598	2	Plug	340	104-5155	1	Solenoid-Stop
30	98-7487	1	Plug	350	115-3039	2	Bolt-HSH
50	98-9544	1	Spring	360	98-7699	2	Washer-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				
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				



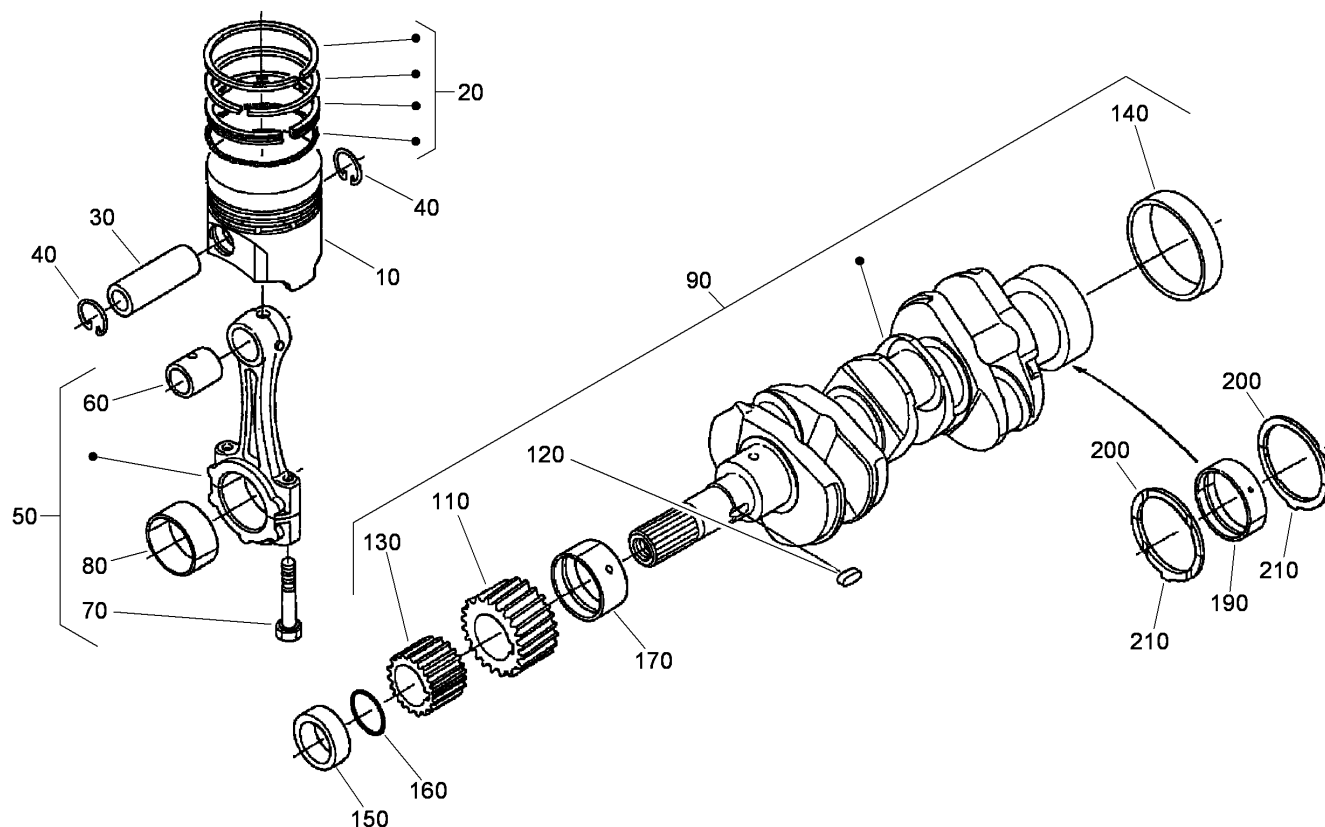
Main Bearing Case Assembly

Ref	Part No.	Qty.	Description				
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				
25	112-7040	1	Metal-Crankshaft				
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

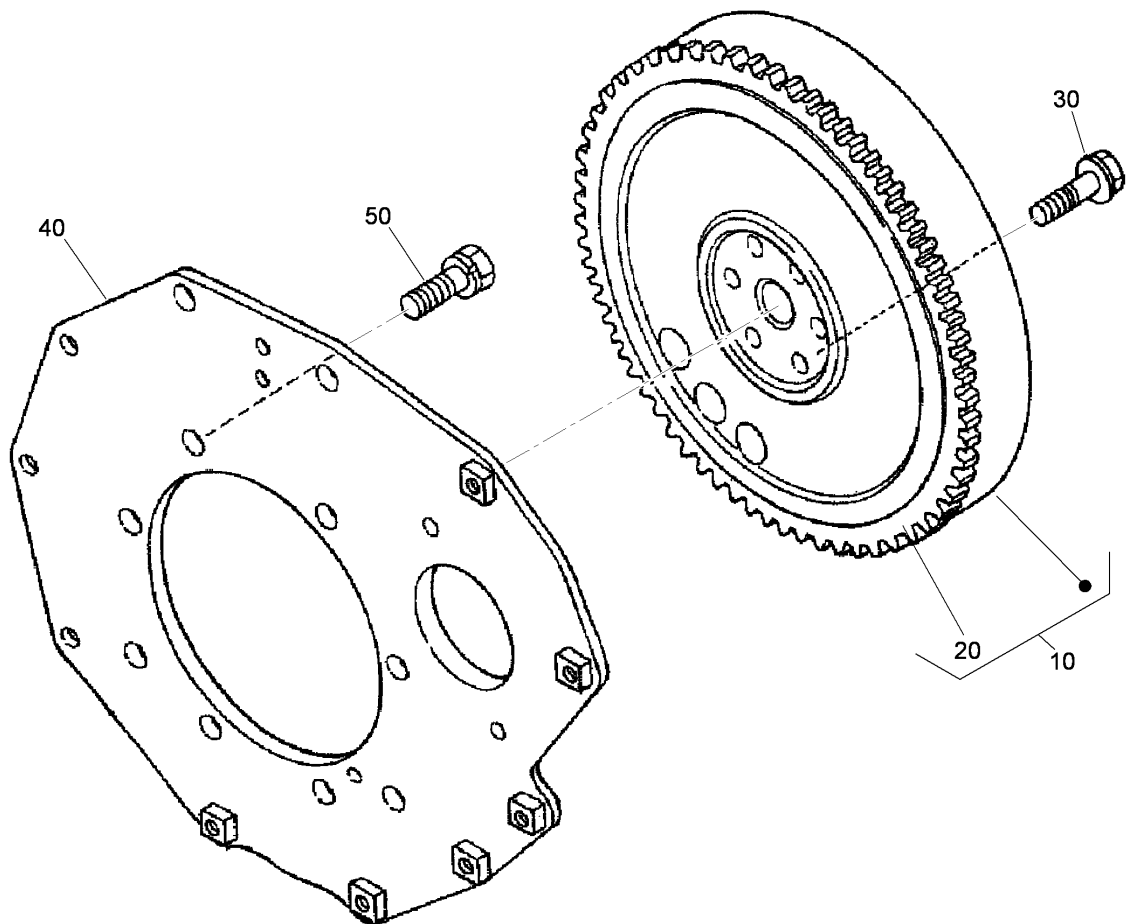
Ref	Part No.	Qty.	Description				
10	112-0185	6	Tappet				
20	98-9509	6	Rod-Push				
25	112-7029	1	Camshaft ASM				
30	108-1403	1	Camshaft				
40	98-7449	1	Screw-Set				
50	98-9512	1	Gear-Cam				
60	98-9378	1	Key-Feather				
70	98-9510	1	Stopper-Camshaft				
80	98-7692	2	Bolt				
90	98-9649	1	Idle Gear 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

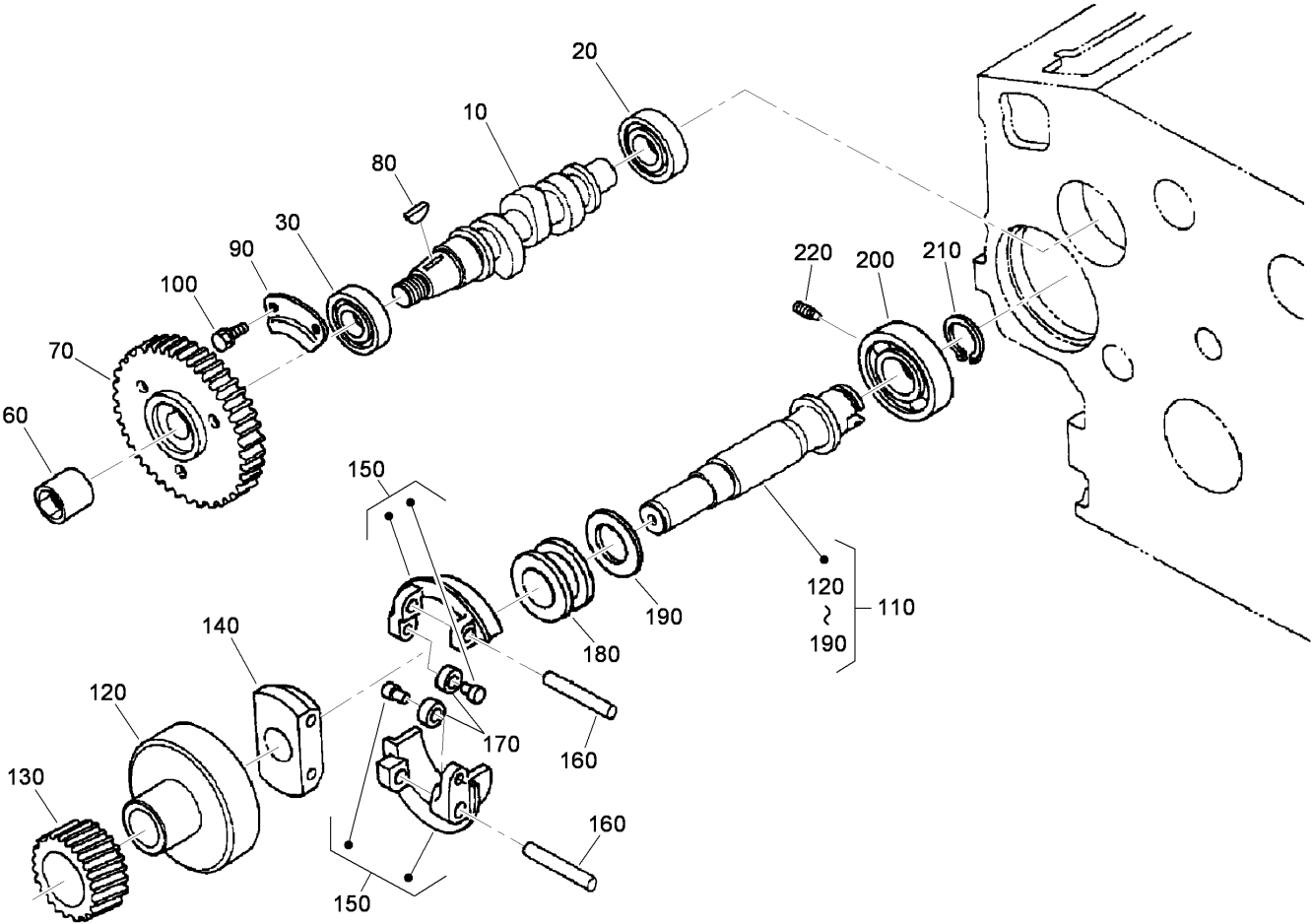
Ref	Part No.	Qty.	Description
10	98-9550	3	Piston (STD)
10	108-1417	3	Piston (0.5Mm)
20	98-9551	3	Piston Ring ASM (STD)
20	108-1404	3	Piston Ring ASM (0.5Mm)
30	98-9513	3	Pin-Piston
40	98-9514	6	Circlip-Pin, Piston
50	98-9552	3	Connecting Rod ASM
60	115-3014	3	Bushing-Pin, Piston
70	98-9517	6	Bolt-Rod, 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
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)

Ref	Part No.	Qty.	Description
●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
190	112-7040	1	Metal-Crankshaft
200	98-9413	2	Bearing-Thrust (STD)
200	98-9414	2	Bearing-Thrust (0.2Mm)
200	98-9415	2	Bearing-Thrust (0.4Mm)
210	98-9688	2	Bearing-Thrust (STD)
210	98-9689	2	Bearing-Thrust (0.2Mm)
210	98-9690	2	Bearing-Thrust (0.4Mm)



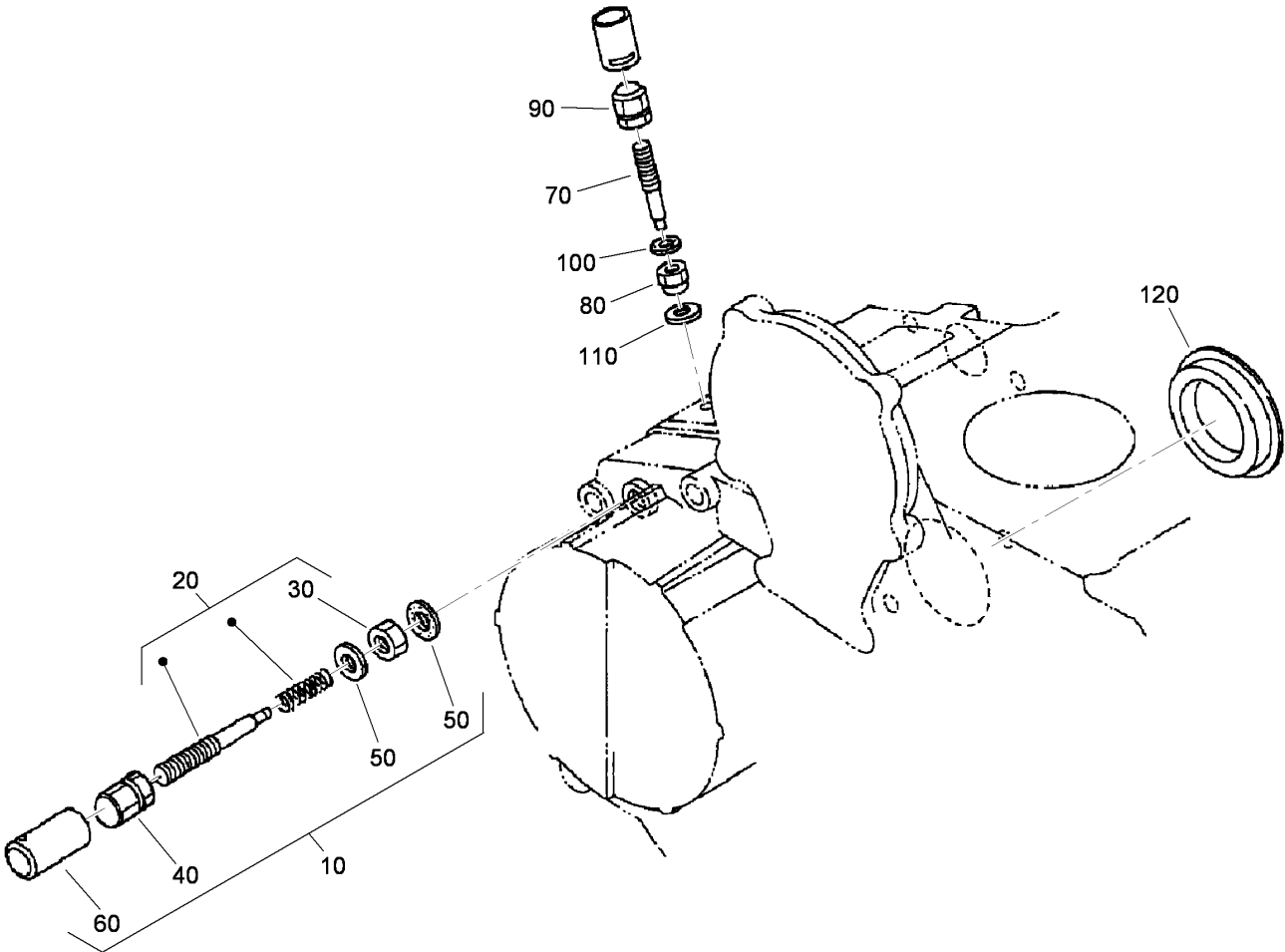
Flywheel Assembly

Ref	Part No.	Qty.	Description				
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				



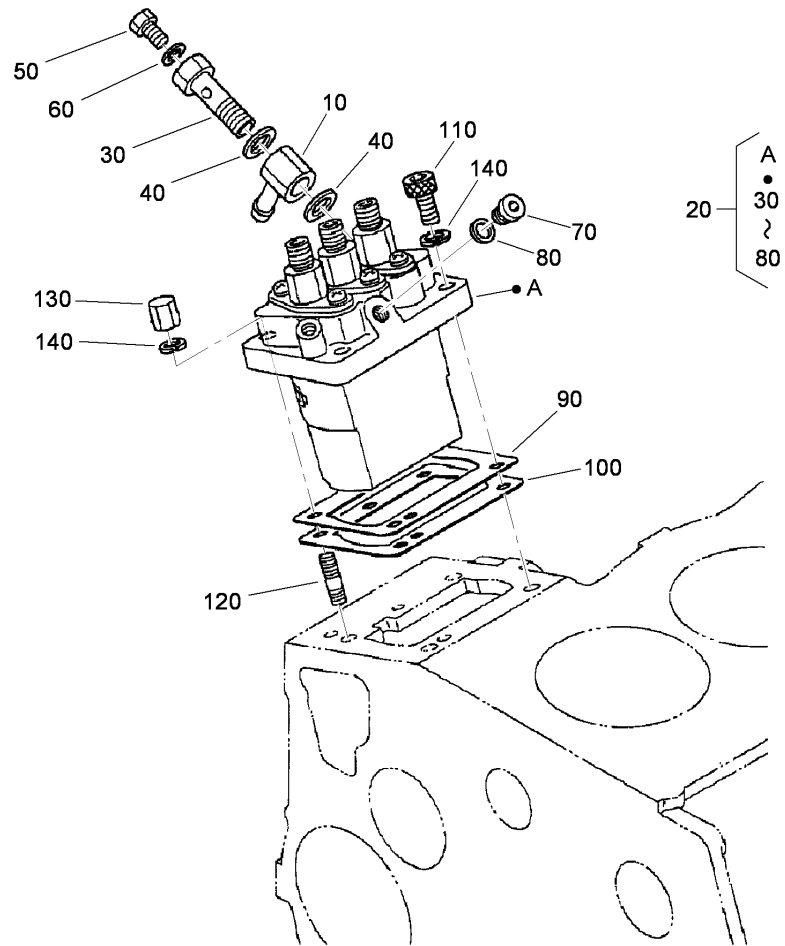
Fuel Camshaft and Governor Shaft Assembly

Ref	Part No.	Qty.	Description				
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				



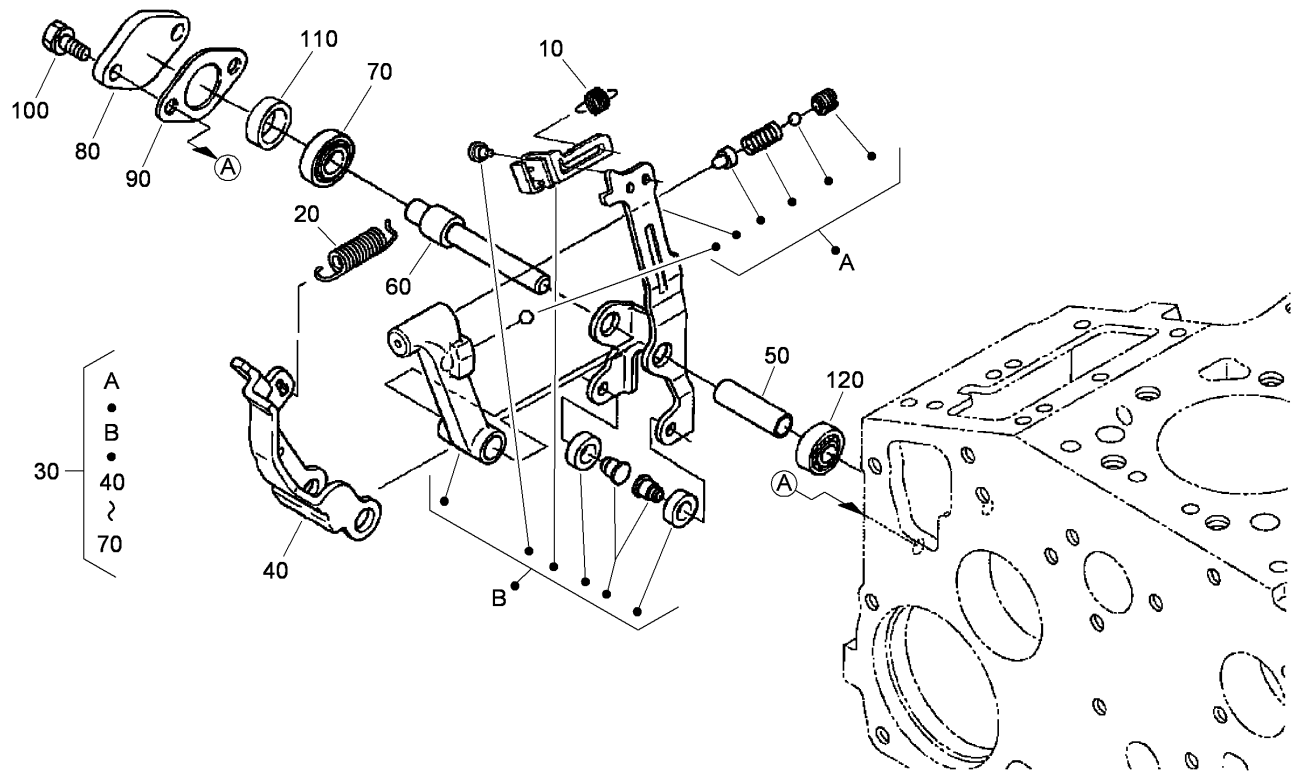
Idle Apparatus Assembly

Ref	Part No.	Qty.	Description				
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				



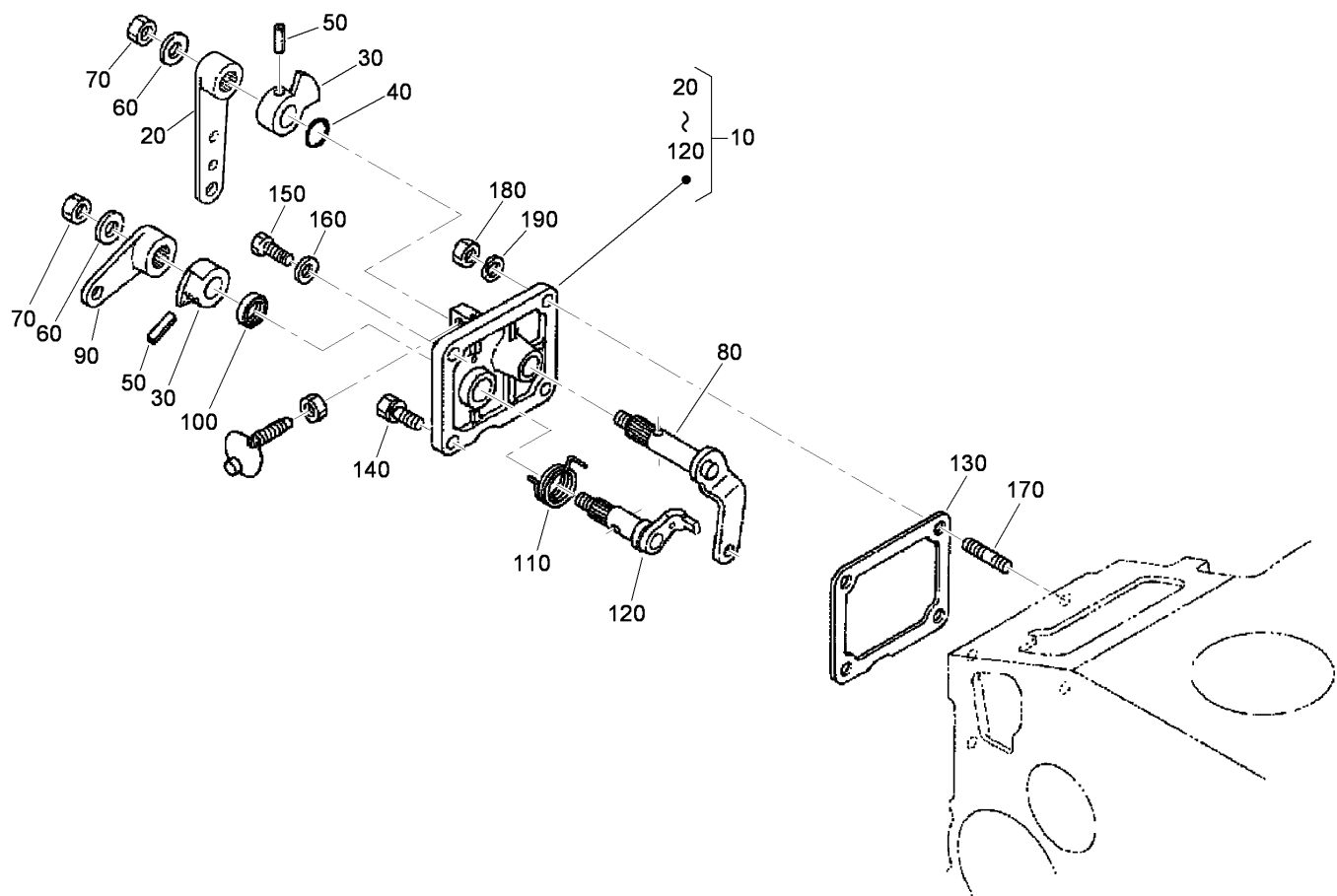
Injection Pump Assembly

Ref	Part No.	Qty.	Description				
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	98-9456	1	Shim-Injection (0.20Mm)				
90	98-9457	1	Shim-Injection (0.25Mm)				
90	115-3045	1	Shim-Injection (0.175Mm)				
100	98-9458	1	Shim-Injection (0.30Mm)				
100	115-3046	1	Shim-Injection (0.35Mm)				
110	98-9361	2	Bolt-HSH				
120	98-9438	2	Stud				
130	98-9440	2	Nut-Cap				
140	98-7699	4	Washer-Spring				



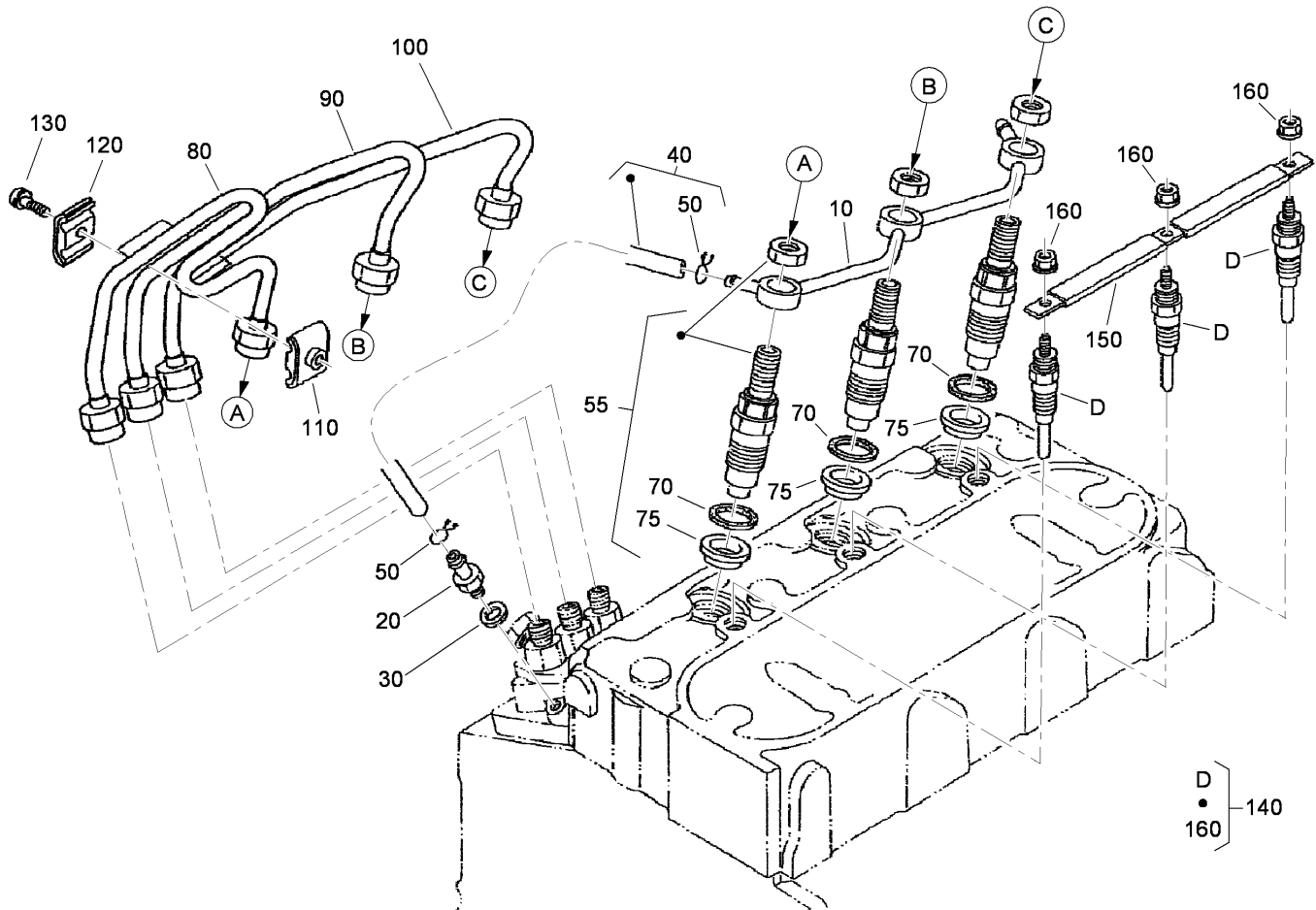
Governor Assembly

Ref	Part No.	Qty.	Description				
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				



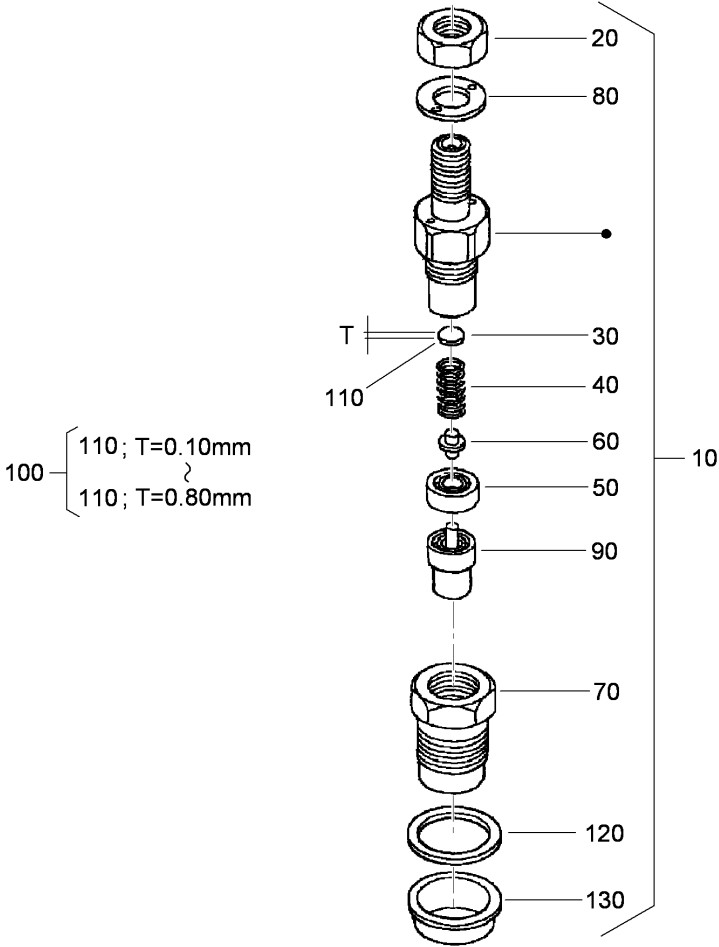
Speed Control Plate Assembly

Ref	Part No.	Qty.	Description				
10	105-3735	1	Control Plate ASM				
20	98-9662	1	Lever-Control, Speed				
30	98-9572	2	Lever-Control, Speed				
40	105-3788	1	O-Ring				
50	98-7602	2	Pin-Spring				
60	98-9594	2	Washer-Plain				
70	98-9589	2	Nut				
80	98-9658	1	Governor Lever ASM				
90	98-9663	1	Lever-Stop, Engine				
100	98-7601	1	Seal-Oil				
110	98-9472	1	Spring-Return				
120	98-9664	1	Shaft-Lever, Stop				
130	98-9637	1	Gasket				
140	98-7692	1	Bolt				
150	99-8348	1	Bolt				
160	98-7654	1	Gasket				
170	105-3710	2	Stud				
180	98-7572	2	Nut				
190	98-7699	2	Washer-Spring				



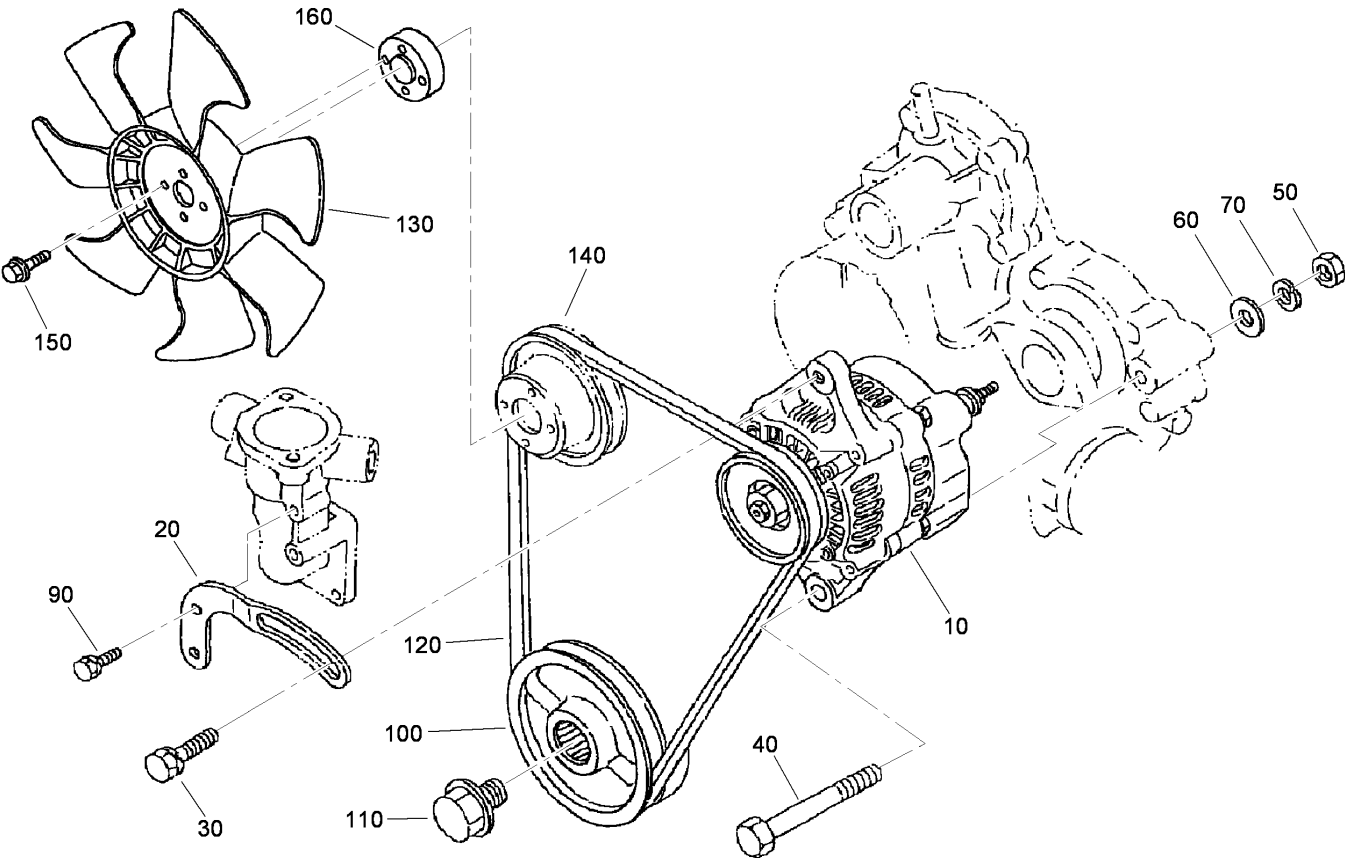
Nozzle Holder and Glow Plug Assembly

Ref	Part No.	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				



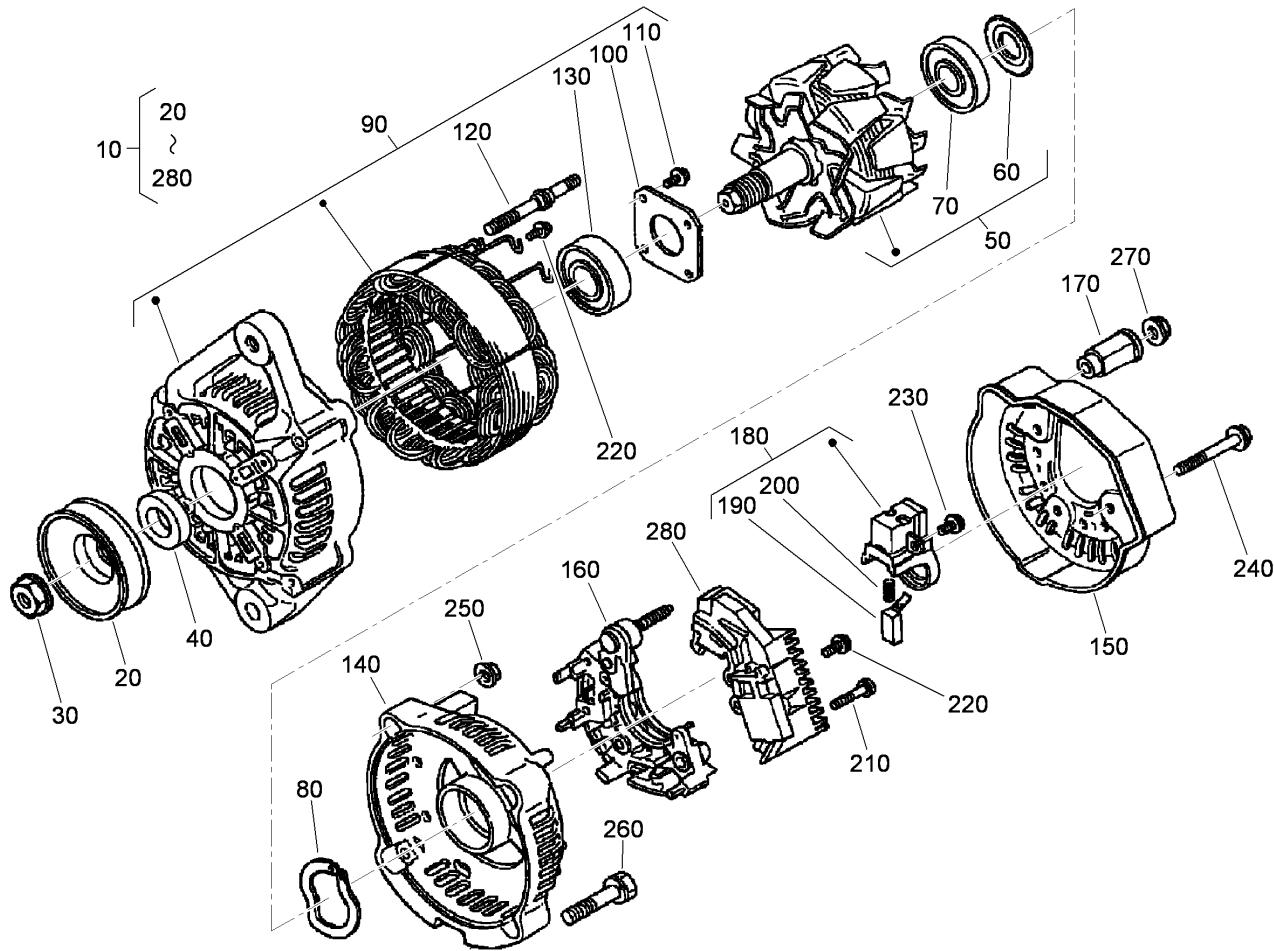
Nozzle Holder Assembly

Ref	Part No.	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

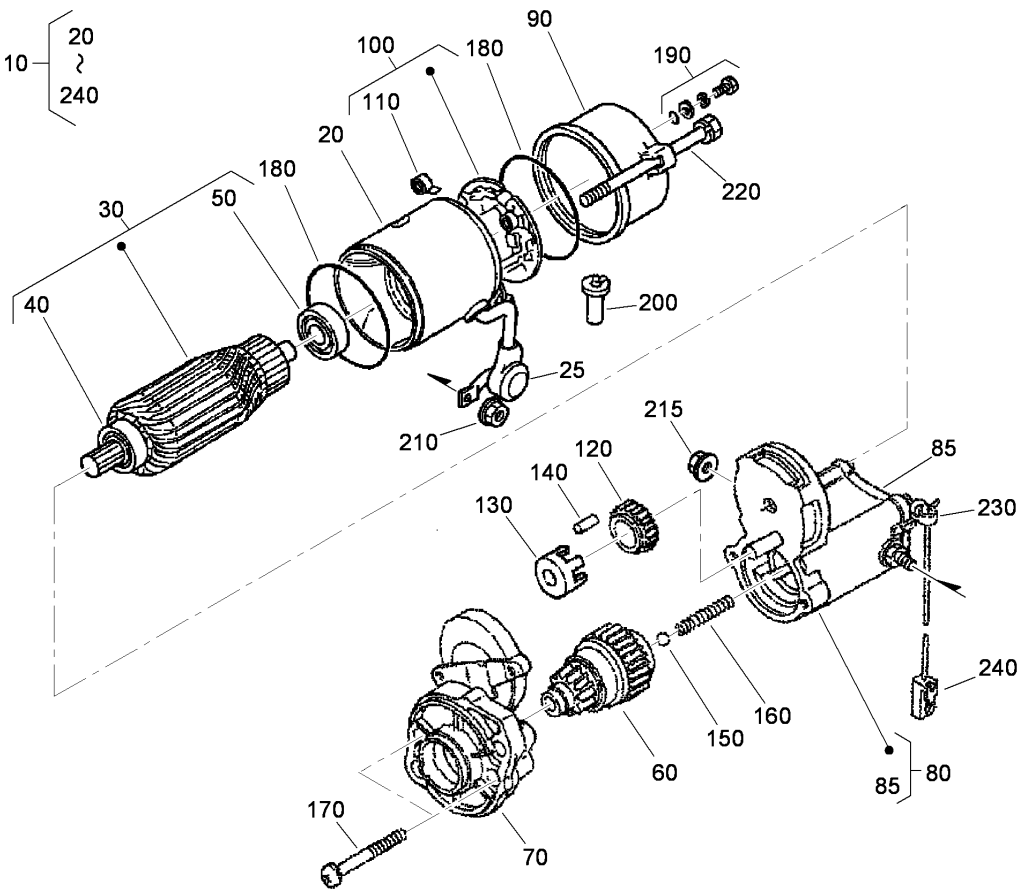
Ref	Part No.	Qty.	Description				
10	98-9474	1	Alternator ASM				
20	112-7047	1	Stay-Dynamo				
30	108-7088	1	Bolt				
40	98-9360	1	Bolt				
50	98-7737	1	Nut				
60	98-9366	1	Washer-Plain				
70	98-7738	1	Washer-Spring				
90	98-7692	1	Bolt				
100	98-9473	1	Pulley-Drive, Fan				
110	98-9585	1	Bolt				
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

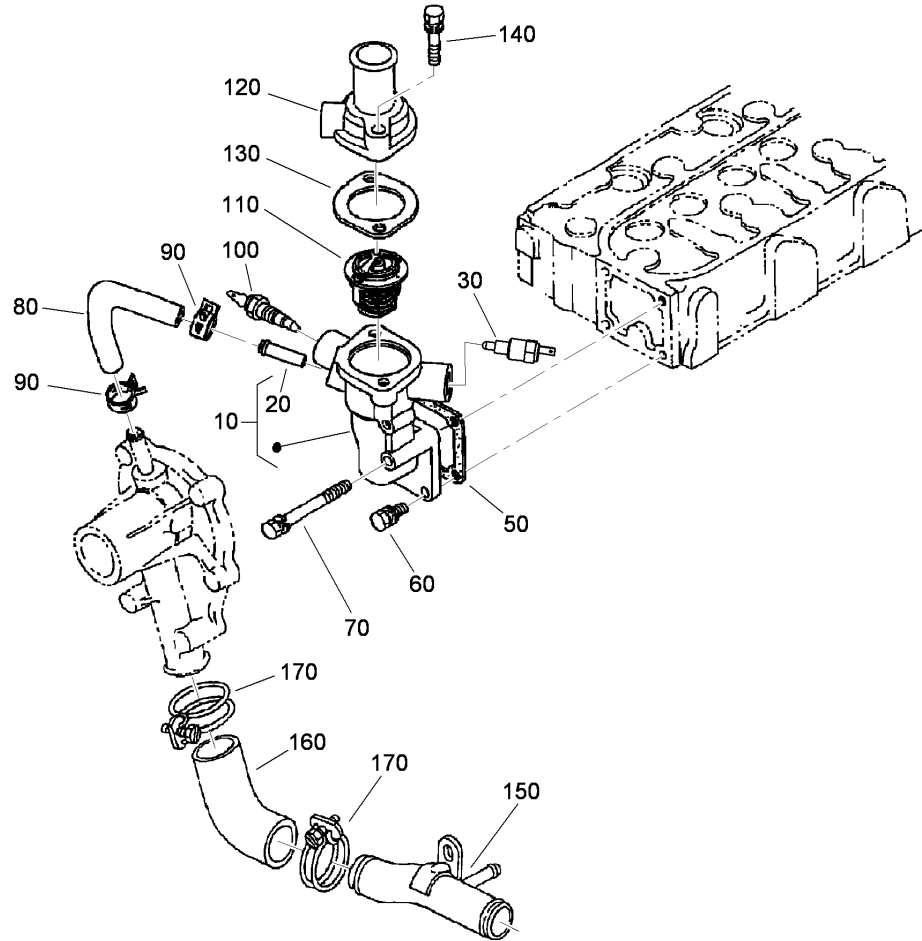
Ref	Part No.	Qty.	Description
10	98-9474	1	Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	98-7709	1	Collar
50	107-0136	1	Rotor ASM
60	98-7711	1	Cover-Bearing
70	107-0138	1	Bearing-Ball
80	98-7713	1	Washer-Thrust
90	107-0139	1	Drive End Frame ASM
100	98-7715	1	Plate-Retainer
110	98-7716	4	Screw-Head, Round
120	98-7717	2	Bolt-Through
130	107-0137	1	Bearing-Ball
140	107-9087	1	Frame-End
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

Ref	Part No.	Qty.	Description
250	98-7730	2	Nut
260	98-7731	2	Bolt
270	98-7732	1	Nut
280	110-3799	1	Regulator ASM



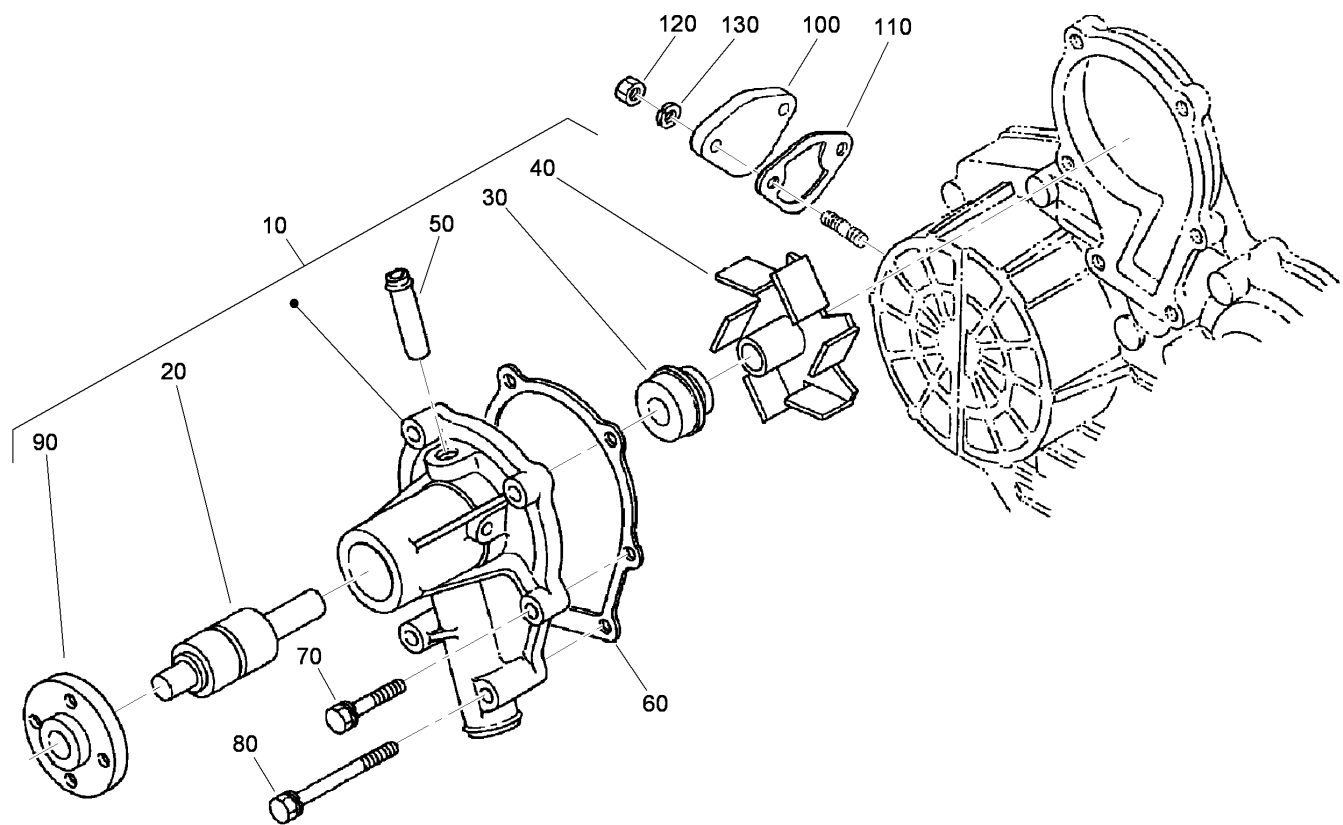
Starter (Component Part) Assembly No. 98-9705

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
10	98-9705	1	Starter ASM	220	100-9240	2	Bolt
20	104-8608	1	Yoke ASM	230	98-9712	1	Band-Cover
25	99-8375	1	Cover	240	98-9711	1	Cord-Solenoid, Stop
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				
85	105-2886	1	Cover 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				
150	98-7755	1	Ball				
160	98-7754	1	Spring				
170	98-7756	2	Bolt				
180	98-7757	2	O-Ring				
190	98-7758	2	Bolt ASM				
200	98-7759	1	Pipe-Drain				
210	99-8371	1	Nut-Hex				
215	99-8376	1	Nut-Hex				



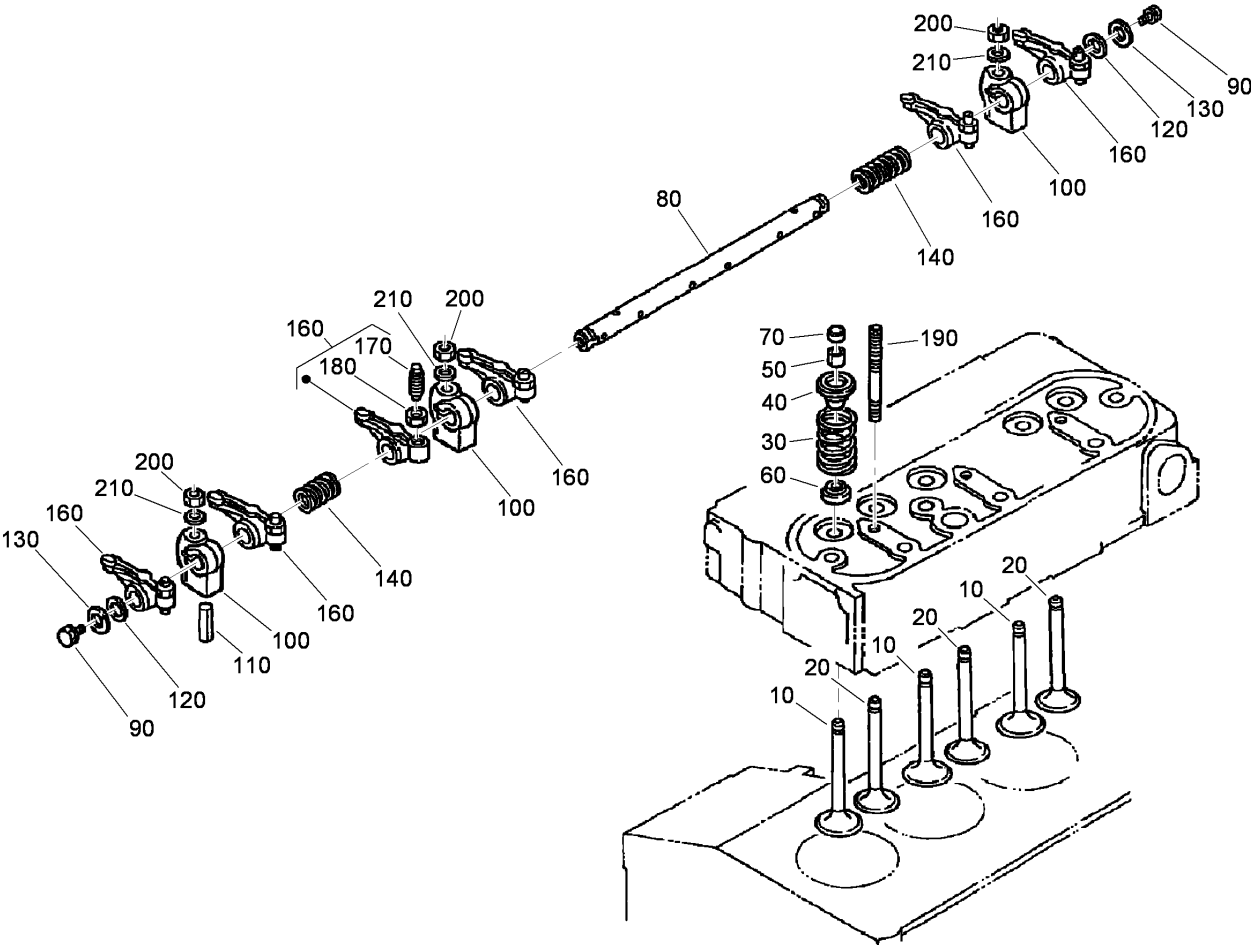
Water Flange and Thermostat Assembly

Ref	Part No.	Qty.	Description				
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				



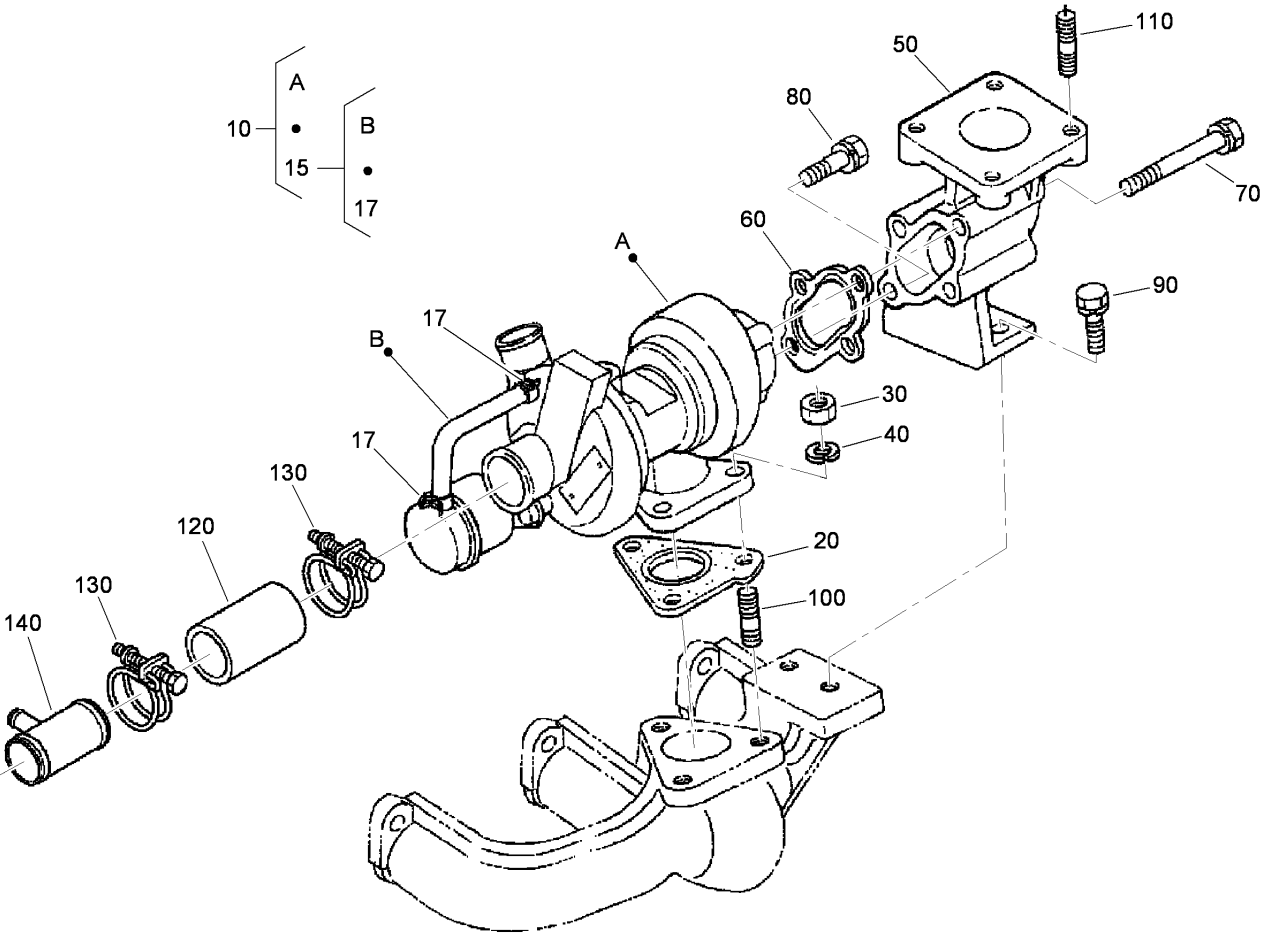
Water Pump Assembly

Ref	Part No.	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	99-3514	1	Cover				
110	98-9636	1	Gasket-Pump, Fuel				
120	98-7572	2	Nut				
130	98-7699	2	Washer-Spring				



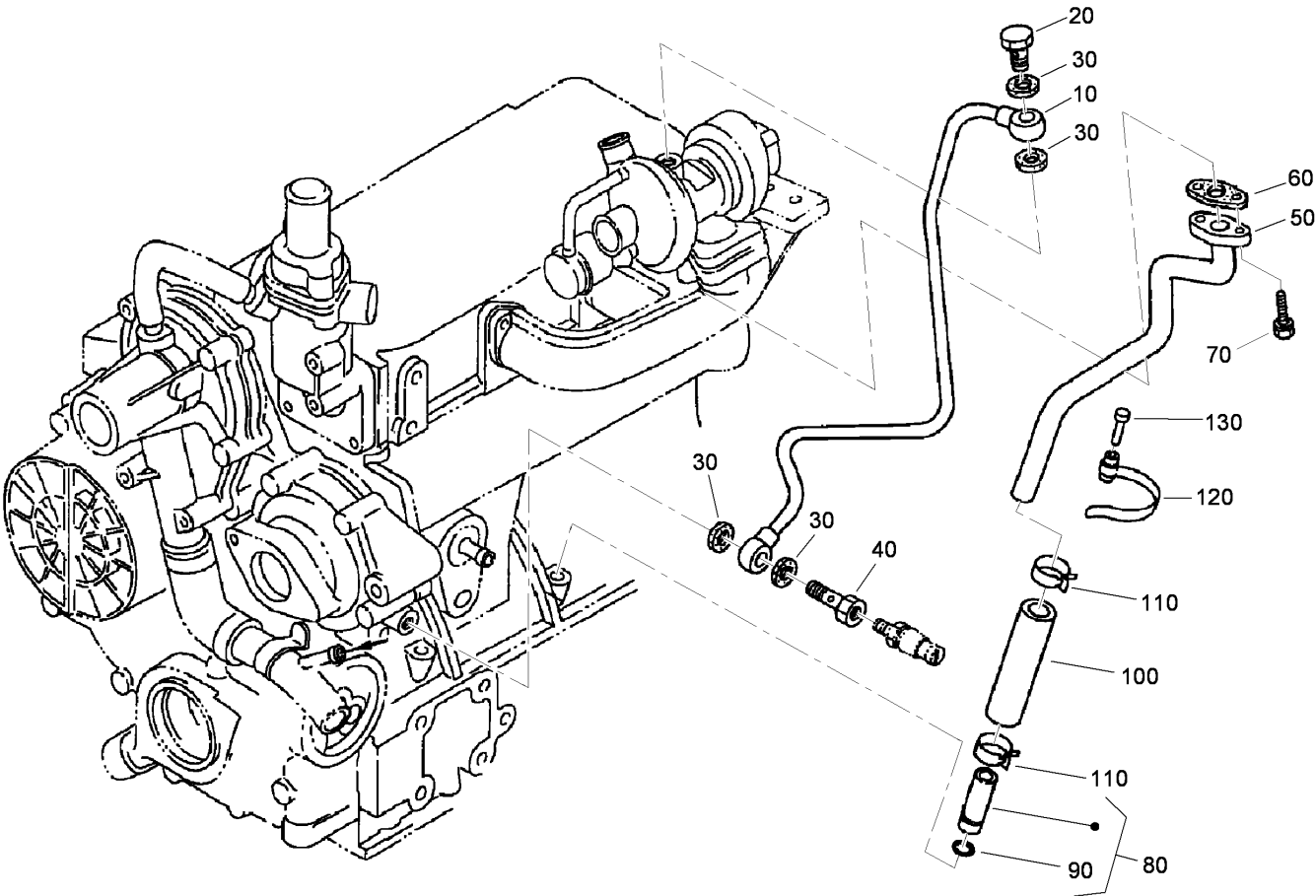
Valve and Rocker Arm Assembly

Ref	Part No.	Qty.	Description				
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				



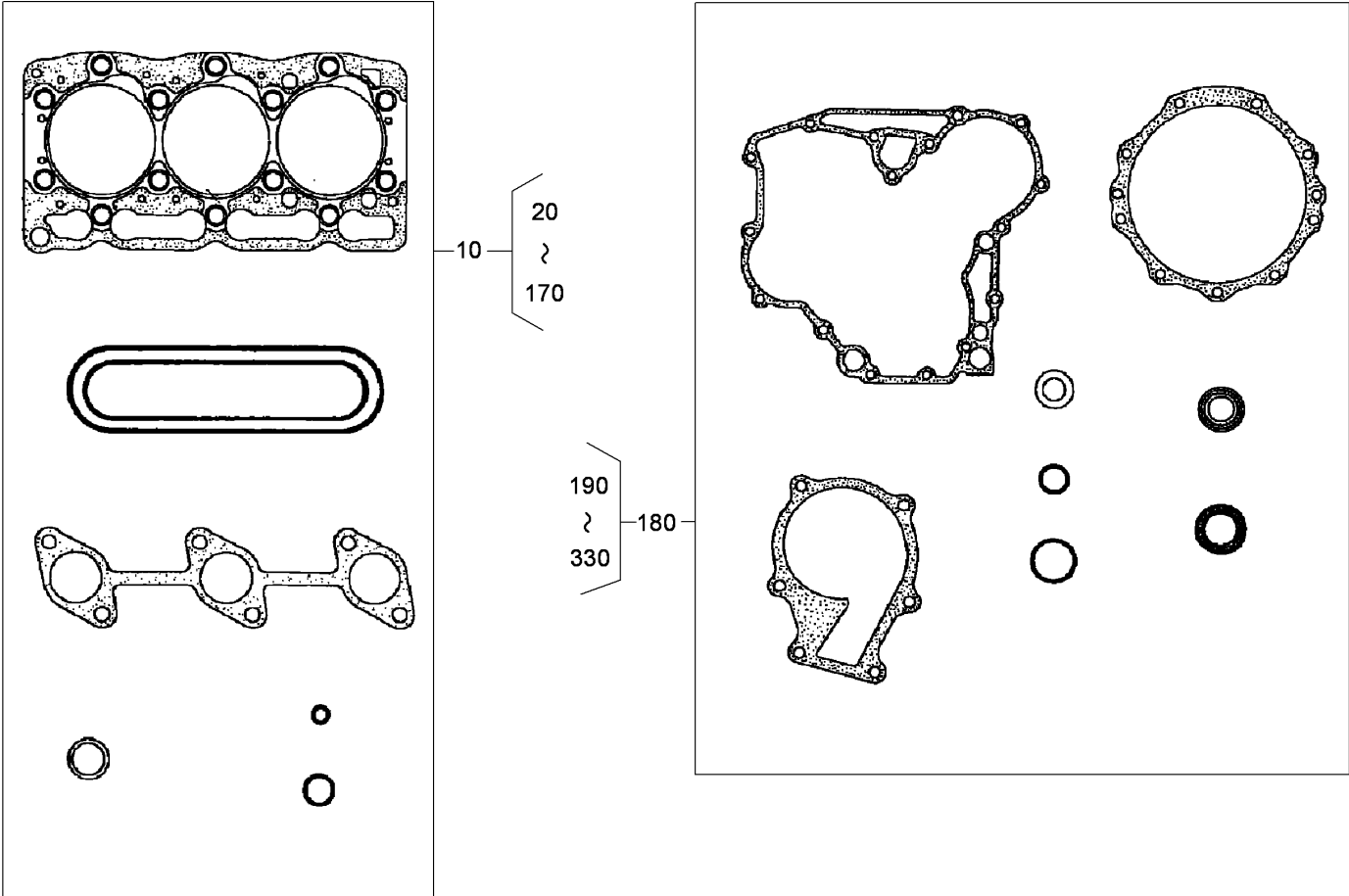
Turbo Charger Assembly

Ref	Part No.	Qty.	Description				
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

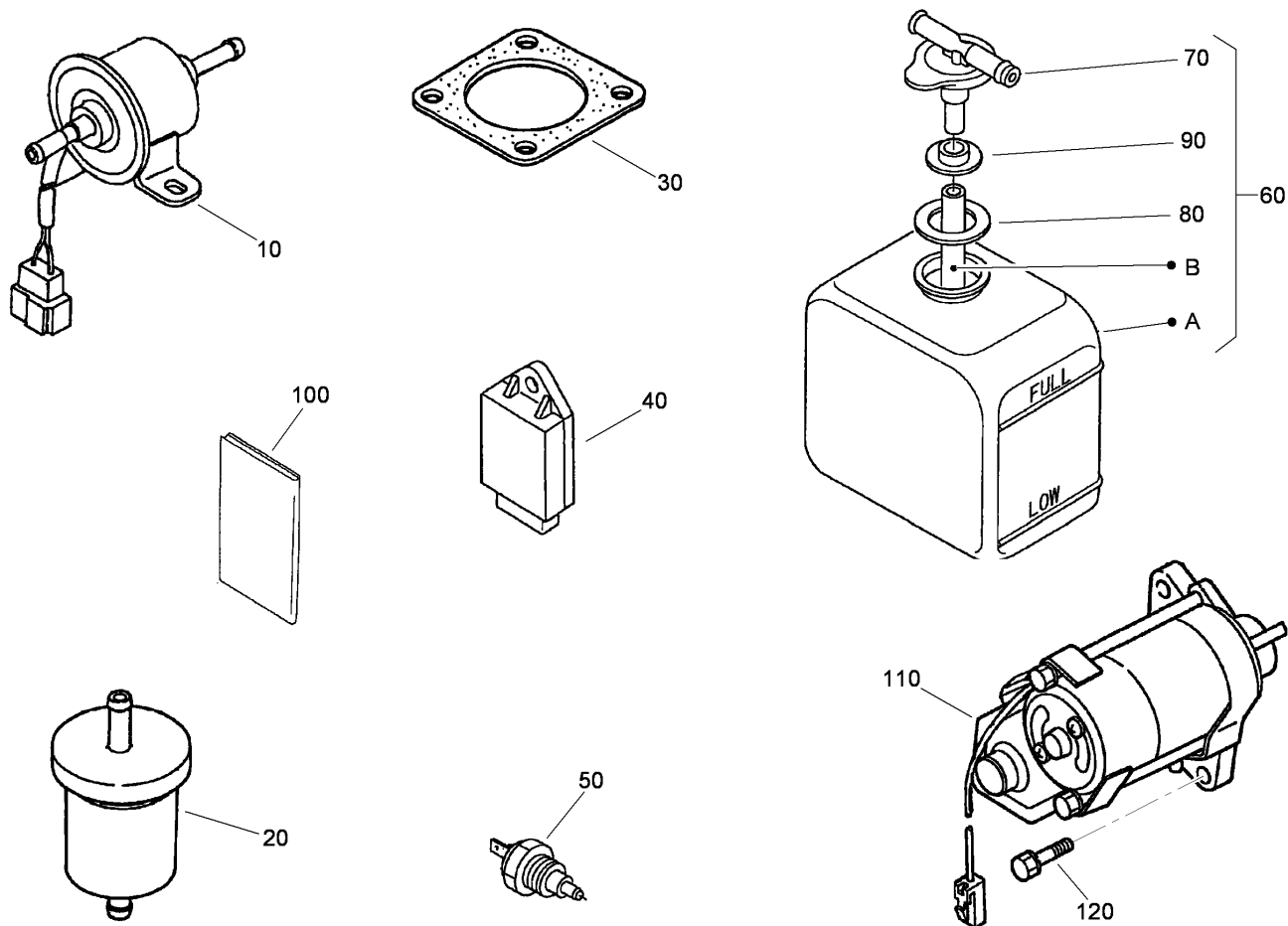
Ref	Part No.	Qty.	Description				
10	98-9419	1	Oil Pipe ASM				
20	98-9418	1	Bolt-Joint, Eye				
30	99-8346	4	Gasket				
40	98-9417	1	Bolt-Joint, Eye				
50	98-9461	1	Pipe Line ASM				
60	108-4422	1	Gasket				
70	98-7605	2	Bolt				
80	99-8383	1	Oil Pipe ASM				
90	98-9722	1	O-Ring				
100	98-9721	1	Pipe-Oil				
110	98-9714	2	Clamp-Hose				
120	98-9601	1	Clamp-Pipe				
130	98-9591	1	Pin-Band				



Gasket Kit

Ref	Part No.	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
●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

Ref	Part No.	Qty.	Description
●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



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

Ref	Part No.	Qty.	Description				
10	107-0122	1	Pump-Fuel, Electric				
20	98-7612	1	Filter-Fuel				
30	99-8343	1	Gasket-Muffler				
40	107-9097	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				

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