



Groundsmaster® 328-D Traction Unit

Model No. 30630 - 270000001 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.

Contents

Description	Page	Description	Page
Frame Assembly	 4	Rear Axle Assembly	 37
Frame Assembly No. 98-3879	 5	Hydraulic Cylinder Assembly No. 92-7828	 39
Control Panel and Battery Assembly	 6	Crankcase Assembly	 40
Brake Pedal Assembly	 8	Oil Pan Assembly	 41
Traction Pedal Assembly	 9	Cylinder Head Assembly	 42
Power Steering Assembly	 10	Gear Case Assembly	 43
Steer Valve and Column Assembly No. 108-6557	 11	Head Cover Assembly	 44
Engine Installation Assembly	 12	Dipstick and Guide Assembly	 45
Engine Mounting and Component Assembly	 13	Main Bearing Case Assembly	 46
Engine Pulley Assembly	 15	Camshaft and Idle Gear Shaft Assembly	 47
Fan Support Assembly No. 106-4399	 16	Piston and Crankshaft Assembly	 48
Power-Take-Off and Shaft Assembly	 17	Flywheel Assembly	 49
Power-Take-Off Assembly	 18	Fuel Camshaft and Governor Shaft Assembly	 50
Valve and Cylinder Assembly	 19	Idle Apparatus Assembly	 51
Hydraulic Cylinder Assembly No. 100-6586 (2-1/2in Bore)	 20	Injection Pump Assembly	 52
Hydraulic Cylinder Assembly No. 100-6591 (3in Bore) (Optional)	 21	Governor Assembly	 53
Valve Assembly No. 106-8071-01	 22	Speed Control Plate Assembly	 54
Radiator and Hood Assembly	 23	Nozzle Holder and Glow Plug Assembly	 55
Transmission Assembly	 25	Nozzle Holder Assembly	 56
Transmission Assembly No. 92-8947	 26	Alternator and Pulley Assembly	 57
Neutral Centering Device Assembly	 28	Alternator (Component Part) Assembly	 58
Push Arm and Roll-Over Protection System Assembly	 29	Starter Assembly	 59
Water and Fuel Filter Assembly	 31	Starter Assembly No. 98-9705	 60
Water and Fuel Filter Assembly No. 98-9305	 32	Water Flange and Thermostat Assembly	 61
Fuel Tank and Front Axle Assembly	 33	Water Pump and Pipe Assembly	 62
Front Axle Assembly No. 86-9600-03	 34	Valve and Rocker Arm Assembly	 63
Front Axle Brake Assembly	 36	Inlet Manifold Assembly	 64
		Fuel Filter and Pump, Muffler Gasket and Engine Operator Manual	 65
		Gasket Assembly	 66
		Attachments and Accessories List	 67

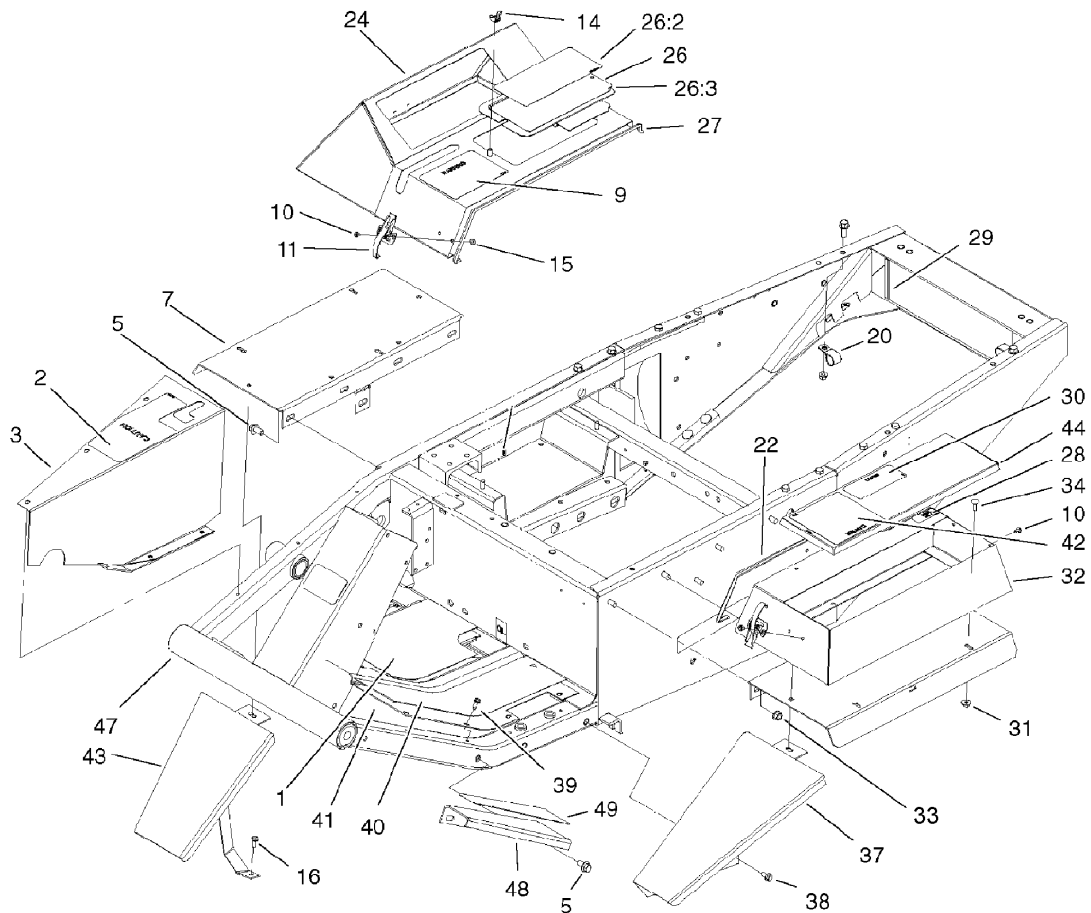
Part Description Abbreviations

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

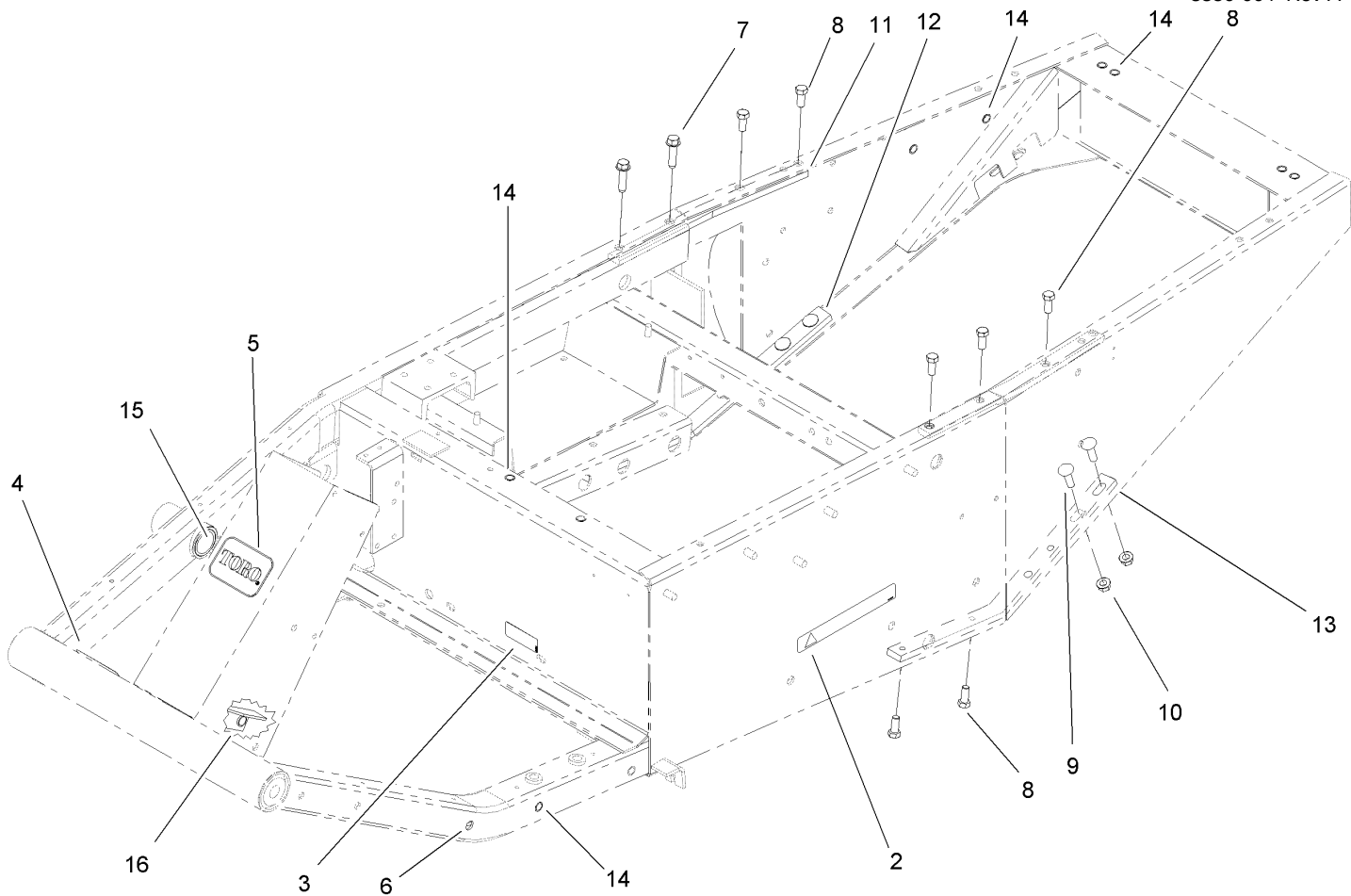
Footnotes

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



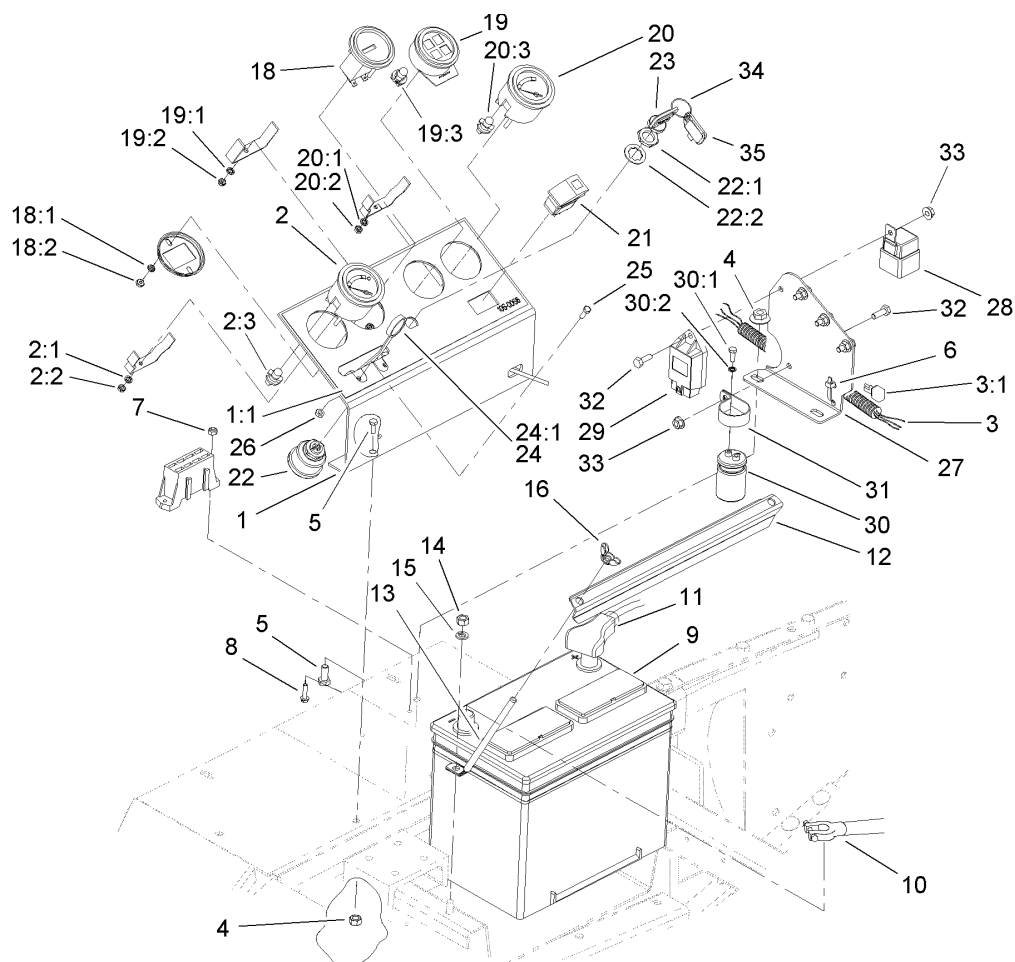
Frame Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	21-2770	1	Pad-Floor Plate, RH	34	3229-1	5	Screw-CARR
2	105-7823	1	Decal-Caution	37	68-8610-01	1	Extension-Fender
3	21-2660-01	1	Plate-Side	38	3234-14	2	Screw-HHF
5	3234-12	5	Screw-HHF	39	32144-10	11	Screw-HWH
7	105-2596-01	2	Fender ASM	40	21-2760	1	Pad-Plate Floor, LH
9	107-2918	1	Decal-Danger	41	88-0070-01	1	Plate-Floor
10	3290-144	9	Screw-SHWH	42	93-7839	1	Decal-Danger
11	249-21	3	Clamp-Slotted	43	93-7626-01	1	Fender-RH
14	32103-2	1	Nut-Wing	44	93-3177-03	1	Cover-Box, Tool
15	3296-2	9	Nut-Lock	47	98-3879	1	Frame ASM
16	3234-33	1	Screw-HHF	48	93-7410-01	1	Panel-Footrest
20	2412-39	2	R-Clamp	49	66-3200	1	Tread-Footrest, LH
22	37-9650	1	Trim-Box, Tool				
24	38-4550-03	1	Cover-Instruments				
26	105-2565	1	Battery Cover ASM				
26:2	107-2927	1	Decal-Starting Instructions				
26:3	92-7801	1	Shield-Cover, Battery				
27	39-8020	1	Trim-Cover, Instrument				
28	93-6680	1	Decal-Diesel				
29	43-4300	2	Trim-Frame, Rear				
30	93-7822	1	Decal-Refueling				
31	32128-33	5	Nut-HF				
32	93-3182-03	1	Box-Tool				
33	3290-357	6	Nut-HHF, Whiz				



Frame Assembly No. 98-3879

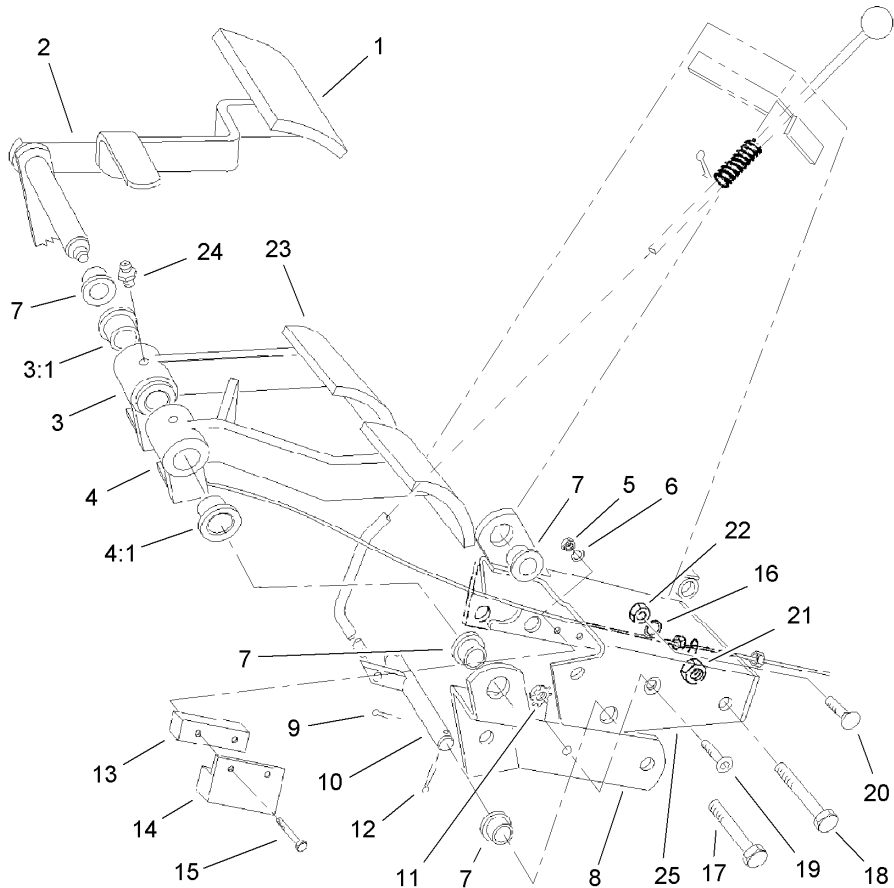
Ref	Part No.	Qty.	Description				
2	93-7830	2	Decal-Torque				
3	93-6686	1	Decal-Oil, HYD				
4	93-7836	1	Decal-Pedal, Traction				
5	70-2200	1	Decal				
6	32148-9	1	Insert-Nut				
7	11-0590	2	Screw-HWHTF				
8	3234-25	9	Screw-HHF				
9	3231-25	4	Screw-CARR				
10	32128-21	4	Nut-HF				
11	98-3866-01	2	Brace-Upper				
12	98-3865-01	1	Brace-Right, Lower				
13	98-3864-01	1	Brace-Left, Lower				
14	3290-472	10	Insert-Threaded				
15	256-126	2	Bushing				
16	256-156	1	Bushing-Flange				



Control Panel and Battery Assembly

Ref	Part No.	Qty.	Description
1	105-2917	1	Instrument Panel ASM
1:1	105-0056	1	Decal-Panel, Instrument
2	98-9339	1	Gauge-Fuel
2:1	3254-1	3	Washer-Lock, Int
2:2	3217-27	3	Nut-Hex
2:3	105-9265	1	Bulb And Lamp ASM
3	112-3528	1	Harness-Wire
3:1	100-4918	2	Diode
①3:2	114241	1	Fuse-7.5 Amp
①3:3	109355	1	Fuse-15 Amp
①3:4	218-578	1	Fuse-10 Amp
4	32128-30	4	Nut
5	322-3	4	Screw-HH
6	3290-379	2	Tie-Cable
7	3296-2	2	Nut-Lock
8	32105-13	2	Screw-HWH
9	106-5190	1	Battery
10	104-9497	1	Cable-Battery, Negative
11	95-8853	1	Cable-Battery, Positive
12	24-6420-03	1	Holddown-Battery
13	24-6390	2	Stud-Holddown, Battery
14	3217-6	2	Nut-Hex
15	3253-4	2	Washer-Lock
16	32103-2	2	Nut-Wing

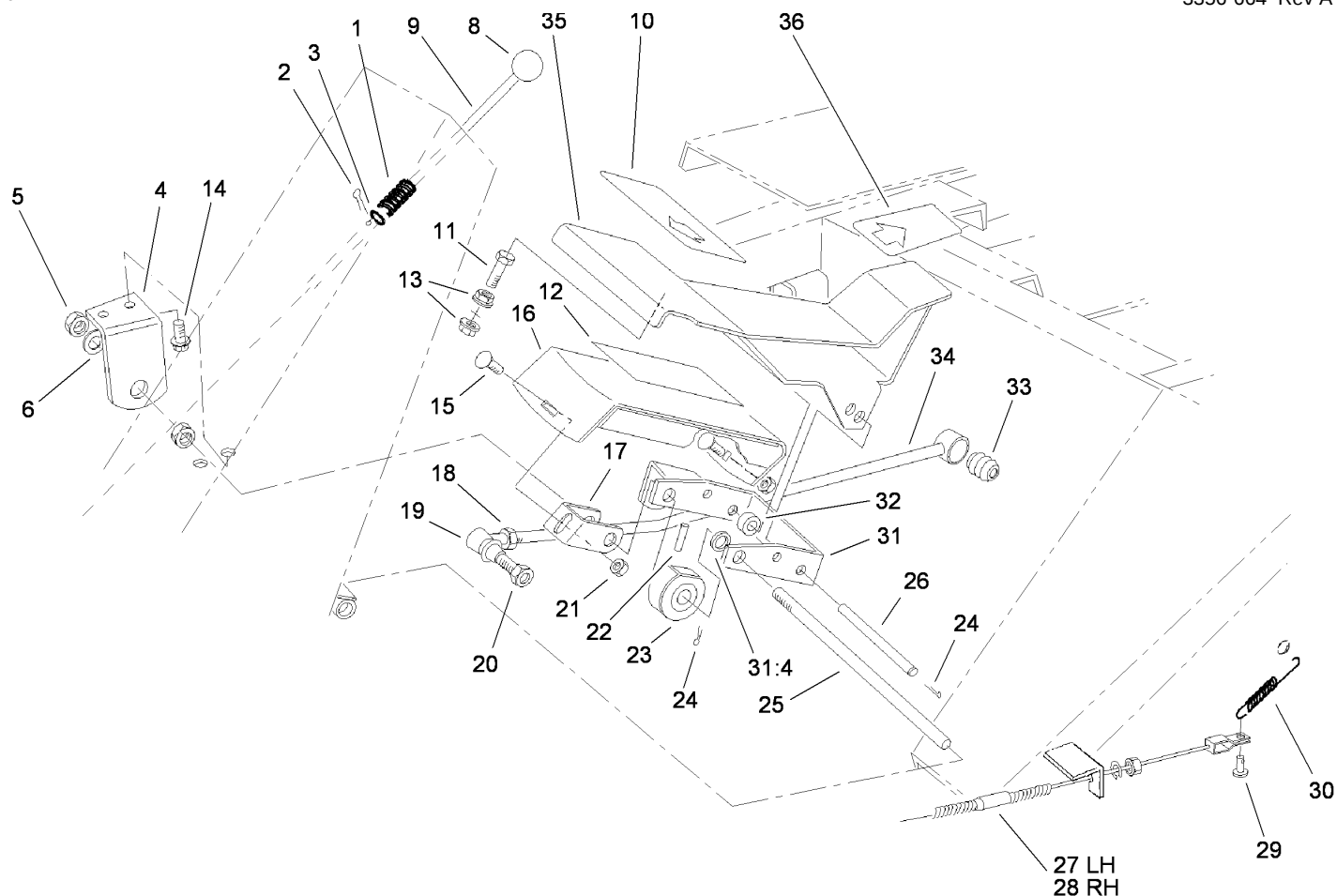
Ref	Part No.	Qty.	Description
18	66-2950	1	Gauge-Hourmeter
18:1	3255-20	2	Washer-Lock
18:2	3217-25	2	Nut-Hex
19	112-6561	1	Warning Light ASM
19:1	3254-1	1	Washer-Lock, Int
19:2	3217-27	1	Nut-Hex
19:3	105-9264	4	Bulb And Lamp ASM
20	98-9308	1	Gauge-Temperature
20:1	3254-1	3	Washer-Lock, Int
20:2	3217-27	3	Nut-Hex
20:3	105-9265	1	Bulb And Lamp ASM
21	100-8072	1	Switch
22	104-2541	1	Switch ASM
22:1	218-461	1	Nut-HH
22:2	3254-5	1	Washer-Tooth
23	63-8360	2	Key-Ignition
24	43-3990	1	Control-Throttle
24:1	233-35	1	Knob
25	3290-134	2	Screw
26	3296-12	2	Nut-Lock
27	105-0002-01	1	Bracket-Relay
28	99-7430	4	Relay
29	98-7611	1	Controller-Glow
30	37-2690	1	Capacitor



Brake Pedal Assembly

Ref	Part No.	Qty.	Description
1	93-8742	1	Footpad-Brake
2	27-8550-01	1	Parking Brake Pedal ASM
3	27-7510	1	RH Brake Pedal ASM
3:1	256-10	2	Bushing-Flange
4	27-7490	1	LH Brake Pedal ASM
4:1	256-10	2	Bushing-Flange
5	3296-2	2	Nut-Lock
6	3256-51	4	Washer-Flat
7	256-156	4	Bushing-Flange
8	27-9270-01	1	Pivot Shaft Mount ASM
9	3272-5	2	Pin-Cotter
10	105-0065	1	Parking Brake Shaft ASM
11	32149-2	1	Nut-Keps
12	3272-6	2	Pin-Cotter
13	105-0064	1	Spacer-Switch
14	100-1270	1	Switch-Proximity
15	3290-360	2	Screw-HH
16	3253-21	2	Washer-Lock
17	323-13	1	Screw-HH
18	323-14	1	Screw-HH
19	3274-47	1	Screw-HSFH
20	3231-21	2	Screw-CARR
21	32153-2	2	Nut-Lock, Side
22	3217-7	2	Nut-Hex

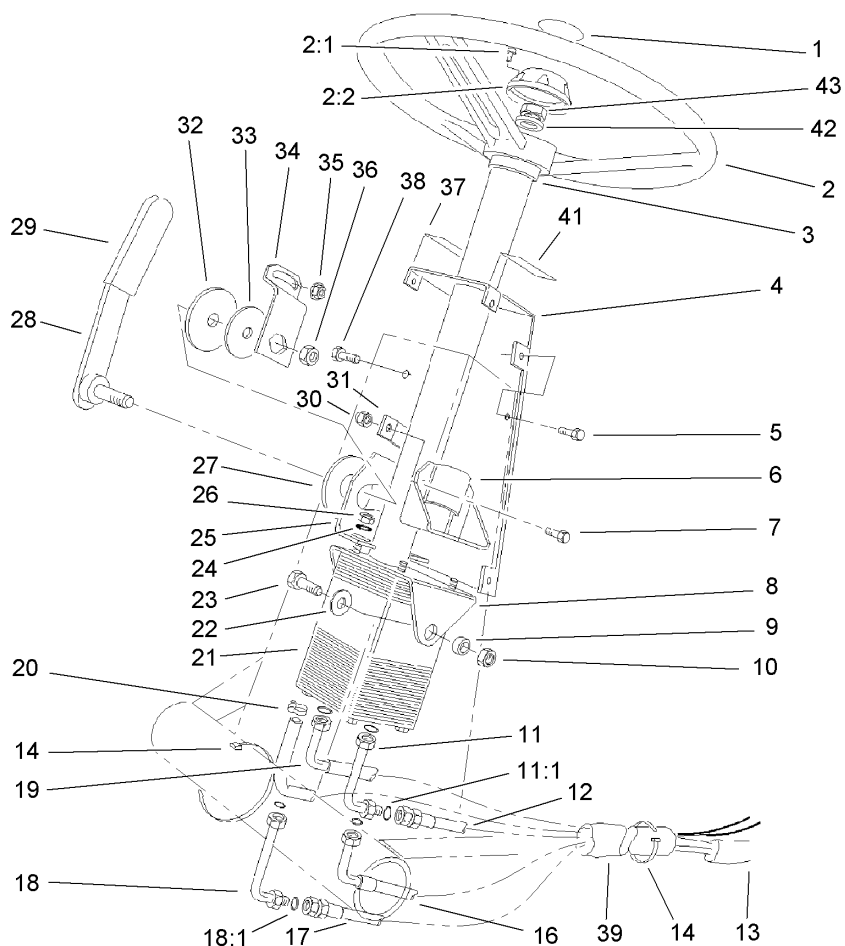
Ref	Part No.	Qty.	Description
23	93-8743	2	Footpad-Turn
24	302-5	2	Fitting-Grease
25	105-0066-01	1	Brake Pedal Mount ASM



Traction Pedal Assembly

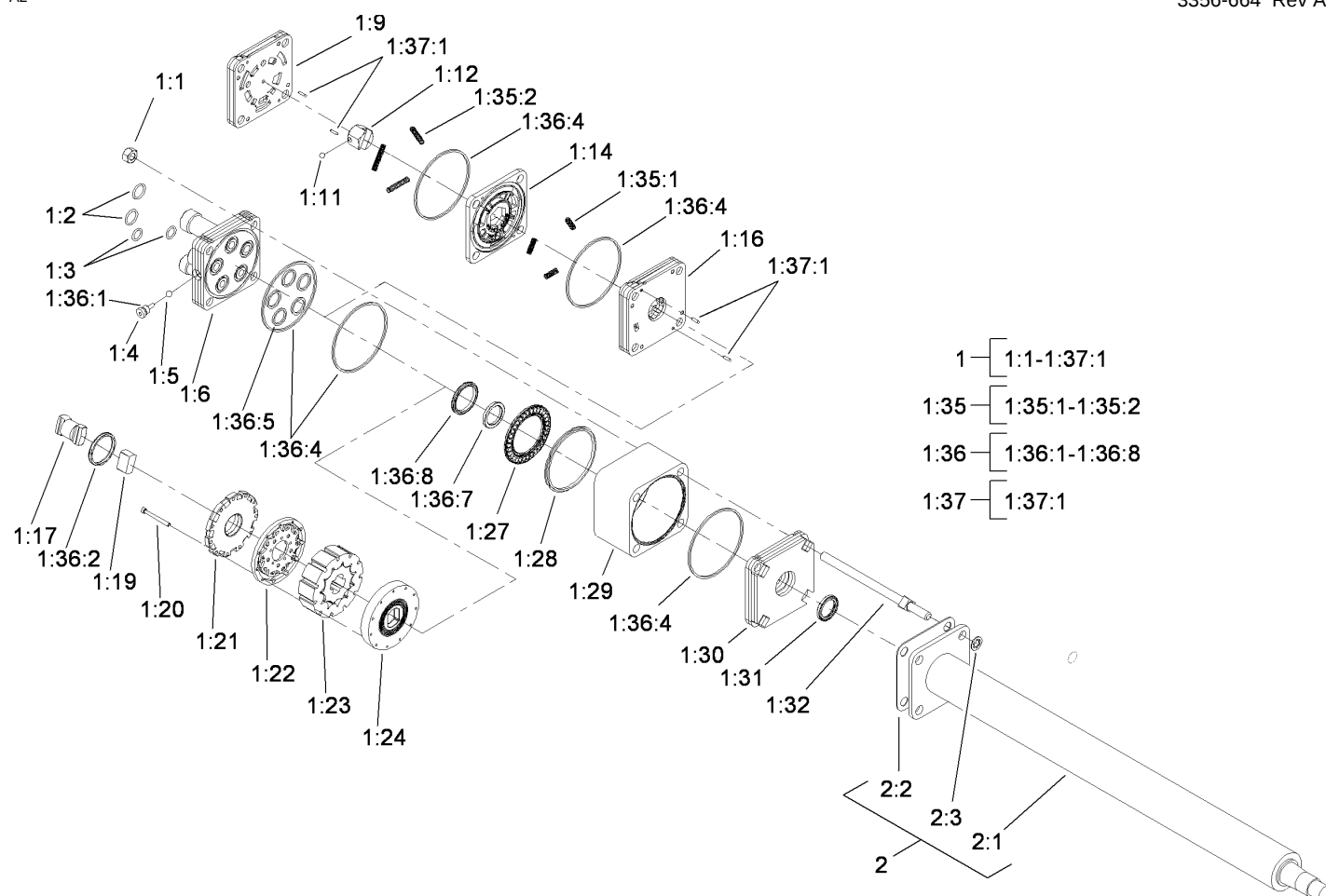
Ref	Part No.	Qty.	Description
1	95-1821	1	Spring-Compression
2	3272-5	1	Pin-Cotter
3	3256-22	1	Washer-Flat
4	21-2850-01	1	Mount-Pedal, RH
5	3218-5	2	Nut-Jam
6	3256-26	1	Washer-Flat
8	233-17	1	Knob
9	82-8670	1	Rod-Latch, Brake
10	94-3307	1	Pad-Pedal, Traction
11	323-15	1	Screw-HH
12	88-1720	1	Pad-Footrest
13	32128-43	2	Nut-Flange
14	11-0590	2	Screw-HWHTF
15	3230-1	2	Bolt-CARR
16	88-1710-01	1	Footrest ASM
17	88-1680-01	1	Bracket-Footrest
18	3220-5	1	Nut-Jam
19	21-0141-03	1	RH Ball Joint ASM
20	3220-3	2	Nut-HJ
21	32128-20	2	Nut-HF
22	32121-6	1	Pin-Roll, Slotted
23	28-5220	1	Friction Wheel ASM
24	3272-6	4	Pin-Cotter
25	88-1650	1	Shaft-Pedal, Traction

Ref	Part No.	Qty.	Description
26	88-1640	1	Pin-Pedal, Traction
27	108-1380	1	LH Brake Cable ASM
28	108-1379	1	RH Brake Cable ASM
29	283-58	2	Pin-Clevis
30	3-7243	2	Spring-Extension
31	88-1670	1	Pivot Bracket ASM
31:4	256-156	2	Bushing-Flange
32	88-0470	1	Tube-Spacer, Pedal
33	23-2270	1	Bushing-Rubber
34	23-2240-03	1	Pump Control Tube ASM
35	94-3304-01	1	Support-Pedal
36	94-3308	1	Pad-Pedal, Traction



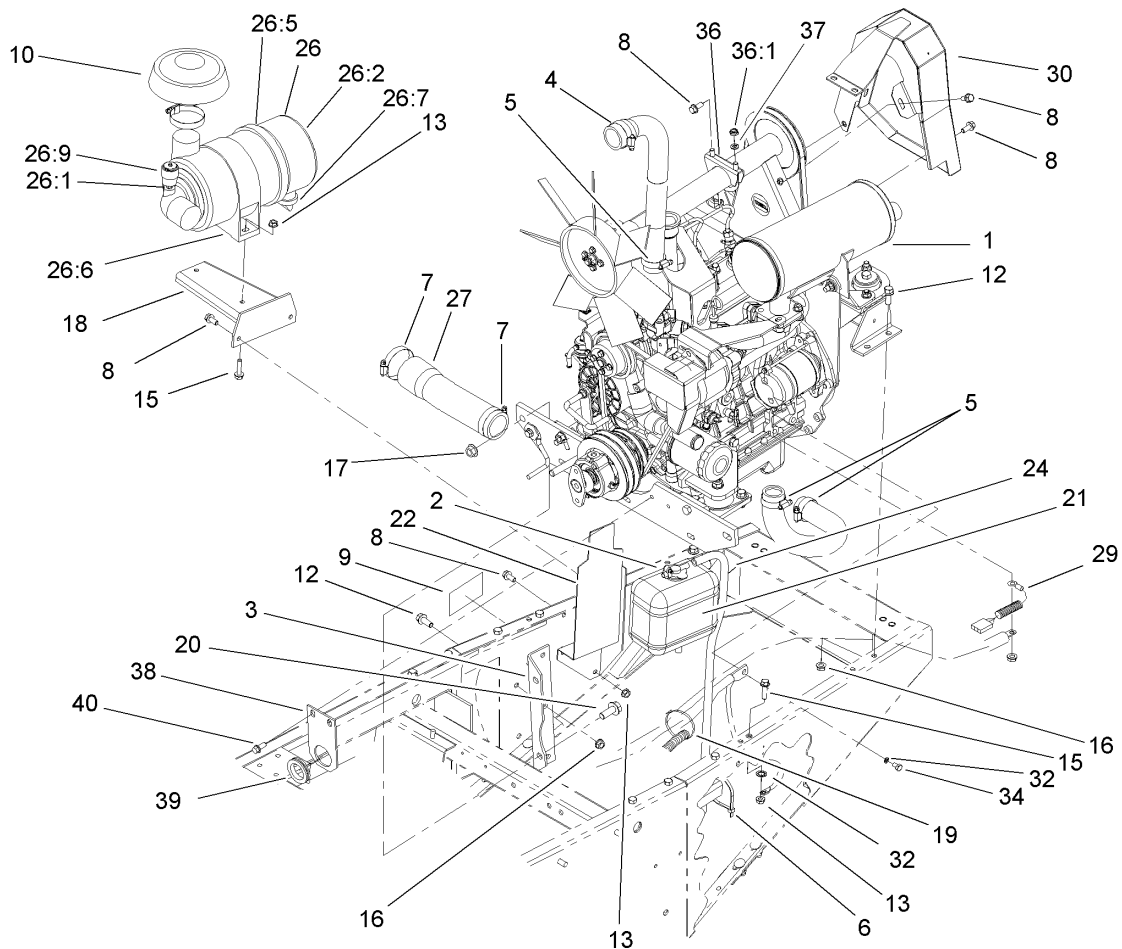
Power Steering Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	68-5370	1	Decal	22	3256-46	2	Washer-Flat
2	75-0560	1	Wheel-Steering	23	323-6	2	Screw-HH
2:1	32144-21	1	Screw	24	3256-3	4	Washer-Flat
2:2	68-5140	1	Cap-Wheel, Steering	25	80-2940-03	1	Plate-Pivot
3	21-9260	1	Cover-Dust	26	3296-20	4	Nut-Lock, NI
4	82-8660-01	1	Cover-Tower	27	31-0390	1	Disc-Friction
5	32144-10	6	Screw-HWH	28	108-6092	1	Lever-Tilt Steering
6	67-8690-03	1	Support-Column	29	21-1880	1	Grip-Handle
7	322-5	2	Screw-HH	30	3296-29	2	Nut-Lock, NI
8	77-3120-01	1	Bracket-Mounting, Column	31	82-8650	1	Clamp-Column
9	80-2960	2	Spacer-Tower	32	82-9010	1	Disc-Friction
10	3296-39	2	Nut-Lock, NI	33	80-2930	1	Washer-Flat
11	82-8760	1	Elbow-HYD	34	80-2880	1	Bracket-Tilt
11:1	237-30	1	O-Ring	35	32128-20	1	Nut-HF
12	63-8970	1	Hose-HYD	36	3218-7	1	Nut-Jam
13	70-1390	1	Sleeve-Protective	37	82-8940	1	Decal-Steering, Tilt
14	3290-379	4	Tie-Cable	38	322-4	1	Screw-HH
16	68-9730	1	Hose-Steering, HYD	39	70-1380	1	Sleeve-Protective
17	68-9720	1	Hose-Steering, HYD	41	93-7831	1	Decal-Brake, Parking
18	82-8770	1	Elbow-HYD	42	3256-27	1	Washer-Flat
18:1	237-22	1	O-Ring	43	3296-33	1	Nut-Lock, NI
19	63-8980	1	Hose-HYD				
20	2412-36	1	Clamp-Hose				
21	108-6557	1	Steer Valve And Column ASM				



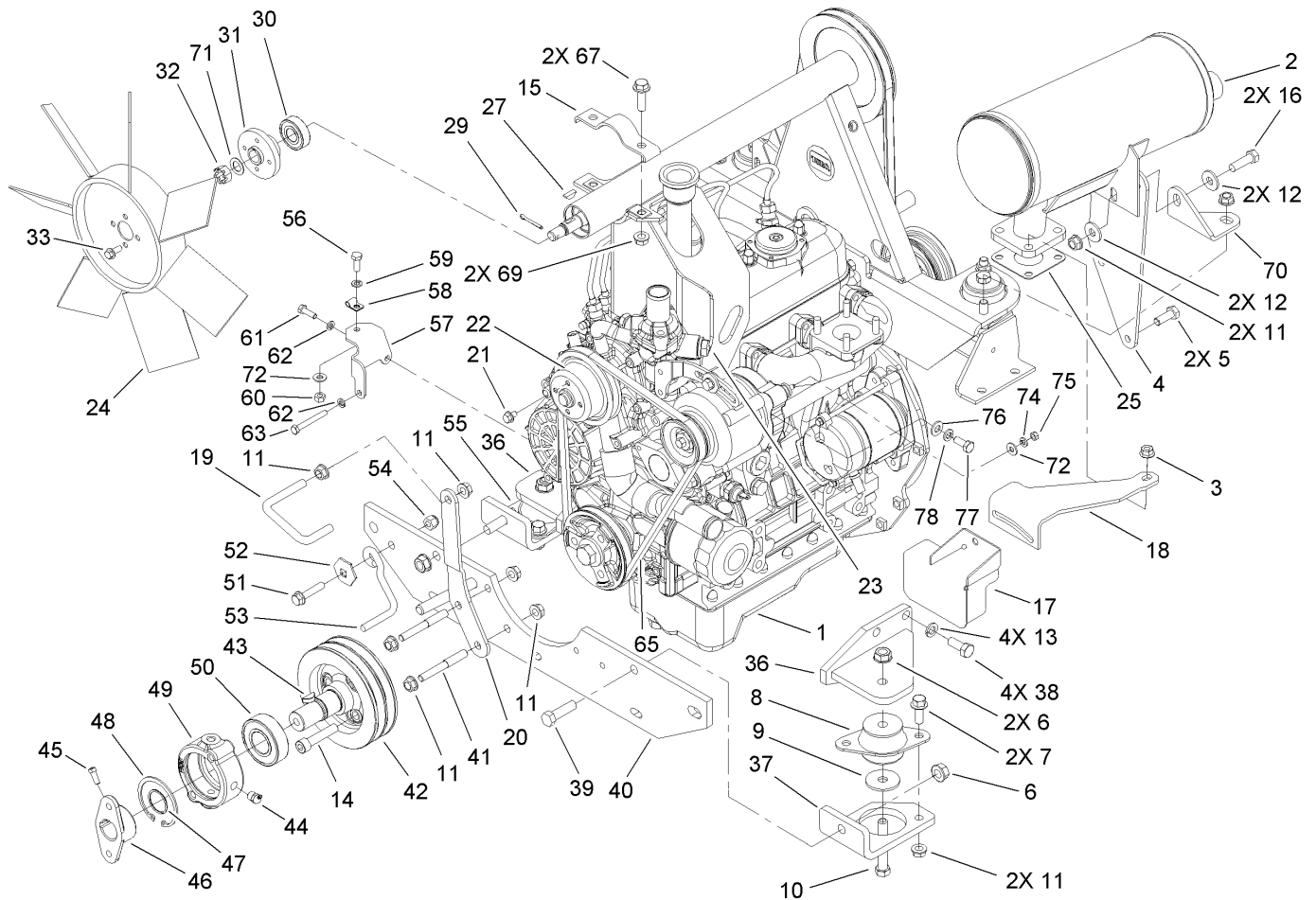
Steer Valve and Column Assembly No. 108-6557

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1		1	Power Steering Unit ASM	1:32	92-7310	4	Bolt-Special
1:1		4	Nut-Hex	1:35	66-9970	1	Spring Kit
1:2	237-30	2	O-Ring	1:35:1		3	Gv-Spring
1:3	237-22	2	O-Ring	1:35:2		3	Spring
1:4		1	Plug And O-Ring ASM	1:36	66-9980	1	Seal Kit
1:5		1	Steel Ball	1:36:1		1	O-Ring
1:6		1	Port-Cover	1:36:2		1	Seal
1:9		1	Port Manifold	1:36:4		5	Seal Ring
1:11		1	Nylon Ball	1:36:5		5	O-Ring
1:12		1	Hex Drive ASM	1:36:7		1	Seal Spacer
1:14		1	Valve And Ring ASM	1:36:8		1	Seal Face
1:16		1	Isolation Manifold	1:37	66-9990	1	Needle Roller Kit
1:17		1	Drive Link	1:37:1		9	Needle-Roller
1:19		1	Drive Link Spacer	2	108-6560	1	Column ASM
1:20		11	Screw-HSH	2:1		1	Column ASM
1:21		1	Cover-Commutator	2:2	114-2881	1	Upper Cover Gasket
1:22		1	Commutator And Ring ASM	2:3	92-7316	4	Nut-Push On
1:23		1	Gerotor ASM				
1:24		1	Drive Plate				
1:27		1	Bearing				
1:28		1	Bearing Spacer				
1:29		1	Metering Ring				
1:30		1	Upper Cover				
1:31	114-2879	1	Seal-Lip				



Engine Installation Assembly

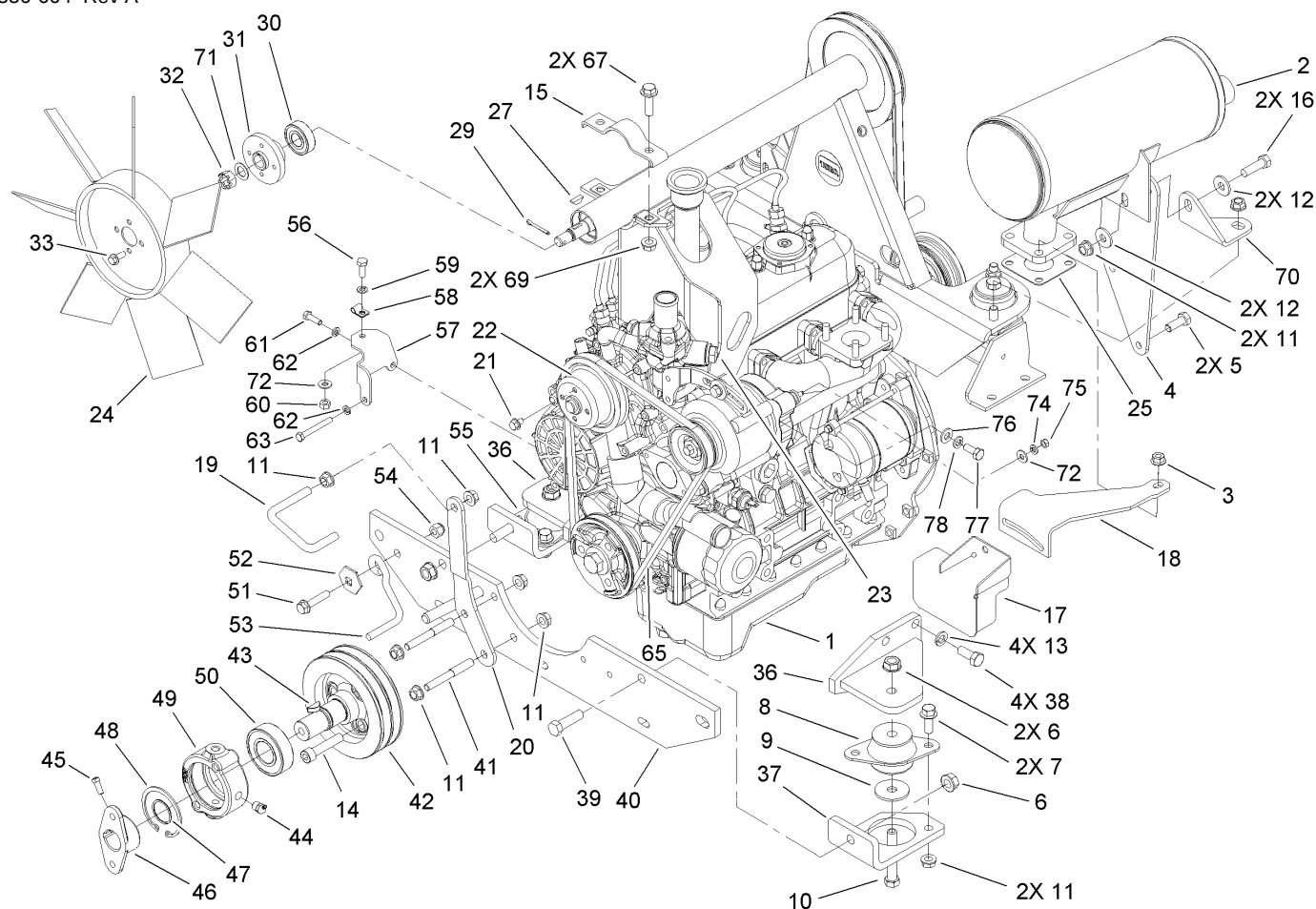
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
②1		1	Engine ASM	26:5	104-4897	1	Gasket
2	2412-108	2	Clamp-Worm	26:6	98-4525	1	Bracket-Cleaner, Air
3	67-8190-01	2	Bracket-Support, Engine	26:7	104-0498	1	Valve-Vacuator
4	2412-3	1	Clamp-Hose	①26:8	108-3810	1	Filter-Air
5	2412-111	3	Clamp	26:9	93-9164	1	Indicator-Mini
6	3334-945	1	Tie-Cable	27	104-3434	1	Hose-Inlet, Air
7	2412-130	2	Clamp-Hose	29	99-3441	1	Harness-Wire, Fusible Link
8	3234-5	9	Screw-HHF	30	105-7807-03	1	Guard-Belt, Fan
9	93-7275	1	Decal-Fluid, Starting	32	3254-6	2	Washer-Lock, Internal
10	105-2539	1	Cap ASM	34	70-8470	1	Screw-HH
12	3234-11	10	Screw-HHF	36	2112-6	1	Clamp-Muffler
13	32128-20	6	Nut-HF	36:1	3218-2	2	Nut-Jam
15	3234-36	3	Screw-HHF	37	3253-4	2	Washer-Lock
16	3290-357	10	Nut-HHF, Whiz	38	104-3774-03	1	Bracket-Bulkhead
17	32128-23	2	Nut-HF	39	240-7	1	Grommet-Rubber
18	98-4518-03	1	Bracket-Cleaner, Air	40	32144-11	2	Screw-HWHTF
19	3290-378	1	Tie-Cable				
20	3234-32	2	Screw-HHF				
21	104-9318	1	Bottle-Overflow				
22	105-0050-03	1	Reservoir Bracket ASM				
24	110-3257	1	Hose-Fuel				
26	104-3428	1	Air Cleaner ASM				
26:1	105-4292	1	Nipple-Pipe				
26:2	104-0497	1	Cover ASM				



Engine Mounting and Component Assembly

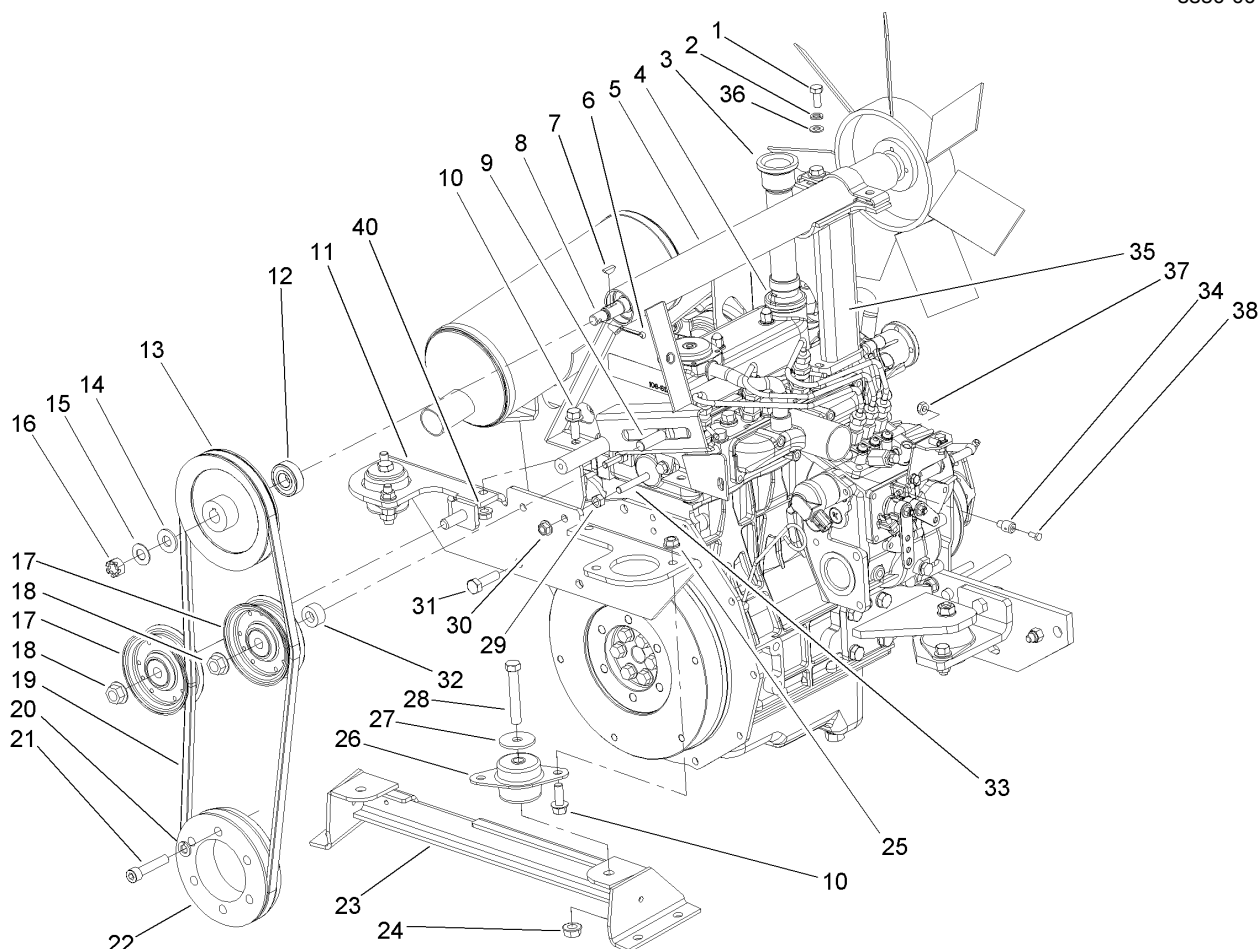
Ref	Part No.	Qty.	Description
1	108-1361	1	Engine-Kubota
2	106-8069	1	Muffler-Exhaust
3	33004-00	4	Nut-HF
4	105-2523-03	1	Bracket-Muffler
5	33114-016	2	Screw-HH
6	32128-37	4	Nut-HF
7	3234-11	4	Screw-HHF
8	53-9680	2	Mount-Engine
9	53-9480	2	Washer-Snubber
10	324-11	2	Screw-HH
11	3290-357	12	Nut-HHF, Whiz
12	80-6990	4	Washer-Hardened
13	42-9600	8	Washer-Lock, Spring
14	3274-106	3	Screw-HSH
15	105-2519-03	1	Clamp-Cradle
16	323-44	2	Screw-HH
17	110-9679-03	1	Guard-Alternator
18	105-2556-03	1	Brace-Alternator, Upper
19	105-4276	1	Guide-Belt, PTO
20	105-0052-03	1	Bracket-Guide, Belt
21	81-1280	4	Screw-HHF
22	98-9584	1	Pulley-Fan
23	98-9346	1	Sender-Temperature
24	107-9096	1	Fan-Cooling

Ref	Part No.	Qty.	Description
25	98-9611	1	Gasket
27	3257-30	1	Key-Woodruff
29	3272-11	1	Pin-Cotter
30	38-7820	1	Bearing-Ball
31	104-3408-03	1	Hub-Fan
32	32136-3	1	Nut-SHH
33	3234-33	4	Screw-HHF
36	104-3463-03	2	Front Mount ASM
37	104-3464-03	1	Mount-Frame, Front (LH)
38	43-0090	8	Screw-HH
39	324-6	2	Screw-HH
40	75-9900-01	1	Support-Engine, Front
41	105-0057	2	Stud-Retainer, Belt
42	104-3406-03	1	Pulley-Fan
43	3257-33	1	Key-Woodruff
44	302-10	1	Fitting-Grease
45	3241-5	2	Screw-Set
46	110-5236	1	Hub-Engine
47	32120-69	1	Ring-Snap
48	32120-22	1	Ring-Snap, Internal
49	43-3720	1	Collar-Bearing
50	251-252	1	Bearing
50:1	251-234	1	Collar-Locking
50:2	106-9662	1	Screw-Set, HSH



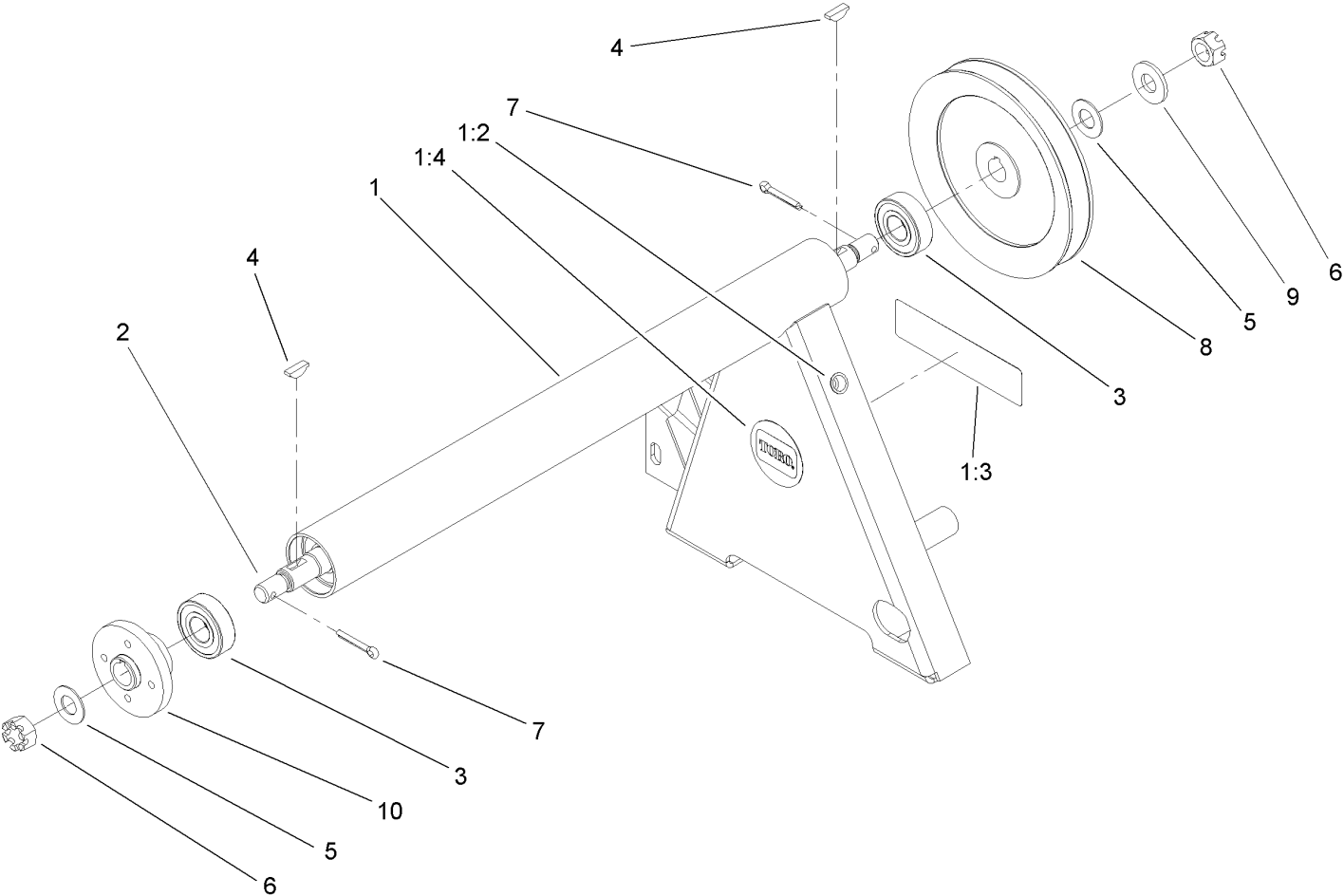
Engine Mounting and Component Assembly (continued)

Ref	Part No.	Qty.	Description
51	3234-18	1	Screw-HHF
52	3290-224	1	Lockwasher-Pyramid
53	63-1400	1	Rod-Belt
54	3296-39	1	Nut-Lock, NI
55	104-3465-03	1	Mount-Frame, Front (RH)
56	321-4	1	Screw-HH
57	104-3421-03	1	Bracket-Throttle
58	2412-31	1	Clamp-Boden
59	3253-3	1	Washer-Lock
60	3217-5	1	Nut-Hex
61	33113-050	1	Screw-HH
62	48-8020	2	Washer-Spring
63	48-7630	1	Screw
65	98-9676	1	V-Belt
67	3234-24	2	Screw-HHF
69	3296-39	2	Nut-Lock, NI
70	105-2598-03	1	Bracket-Muffler
71	18-9810	1	Washer-Thrust
72	3256-22	2	Washer-Flat
74	43-5930	1	Washer-Spring
75	33013-00	1	Nut-Hex
76	33094-00	1	Washer-Plain
77	92-1374	1	Screw-HH
78	3253-4	1	Washer-Lock



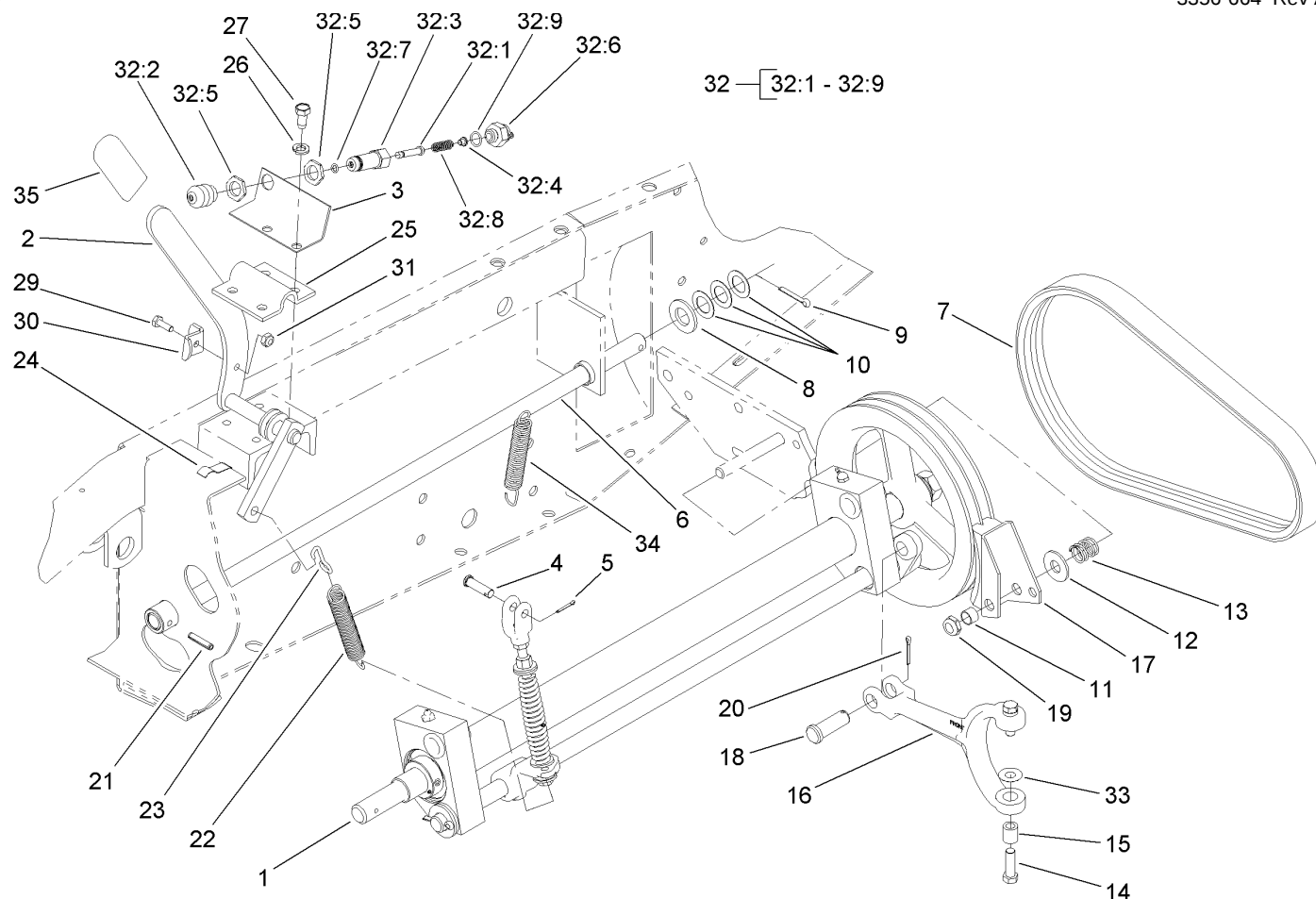
Engine Pulley Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	93-7773	2	Screw-HHF	25	3290-357	4	Nut-HHF, Whiz
2	3253-4	2	Washer-Lock	26	53-9680	2	Mount-Engine
3	105-0087	1	Flange-Filler, Oil	27	53-9480	2	Washer-Snubber
4	98-7430	1	O-Ring	28	324-11	2	Screw-HH
5	106-4399	1	Fan-Support ASM	29	33014-00	2	Nut-Hex
6	3272-16	1	Pin-Cotter	30	33004-00	2	Nut-HF
7	3257-30	1	Key-Woodruff	31	56-2140	2	Bolt
8	43-3690	1	Shaft-Fan	32	105-0058	1	Spacer-Idler, Fan
9	3233-14	1	Screw-CARR	33	105-2502	2	Stud
10	3234-11	6	Screw-HHF	34	105-4263	1	Swivel-Cable, Throttle
11	105-2501-03	1	Engine Mount ASM	35	105-2507-03	1	Cradle-Support, Tube
12	38-7820	1	Bearing-Ball	36	68-0020	2	Spacer-Pivot, Idler
13	105-2524	1	Pulley	37	3296-20	1	Nut-Lock, NI
14	3-6803	2	Washer-Adjusting	38	25-8640	1	Screw-HH
15	29-8910	1	Washer	40	32128-21	2	Nut-HF
16	32136-3	1	Nut-SHH				
17	105-3699	2	Pulley-Idler, Flat				
18	32128-23	2	Nut-HF				
19	105-3693	1	Belt-Fan				
20	42-9600	6	Washer-Lock, Spring				
21	3274-106	6	Screw-HSH				
22	104-3407	1	Pulley-Engine, Rear				
23	105-2520-03	1	Engine Mount ASM				
24	3296-48	2	Nut-Lock, NI				



Fan Support Assembly No. 106-4399

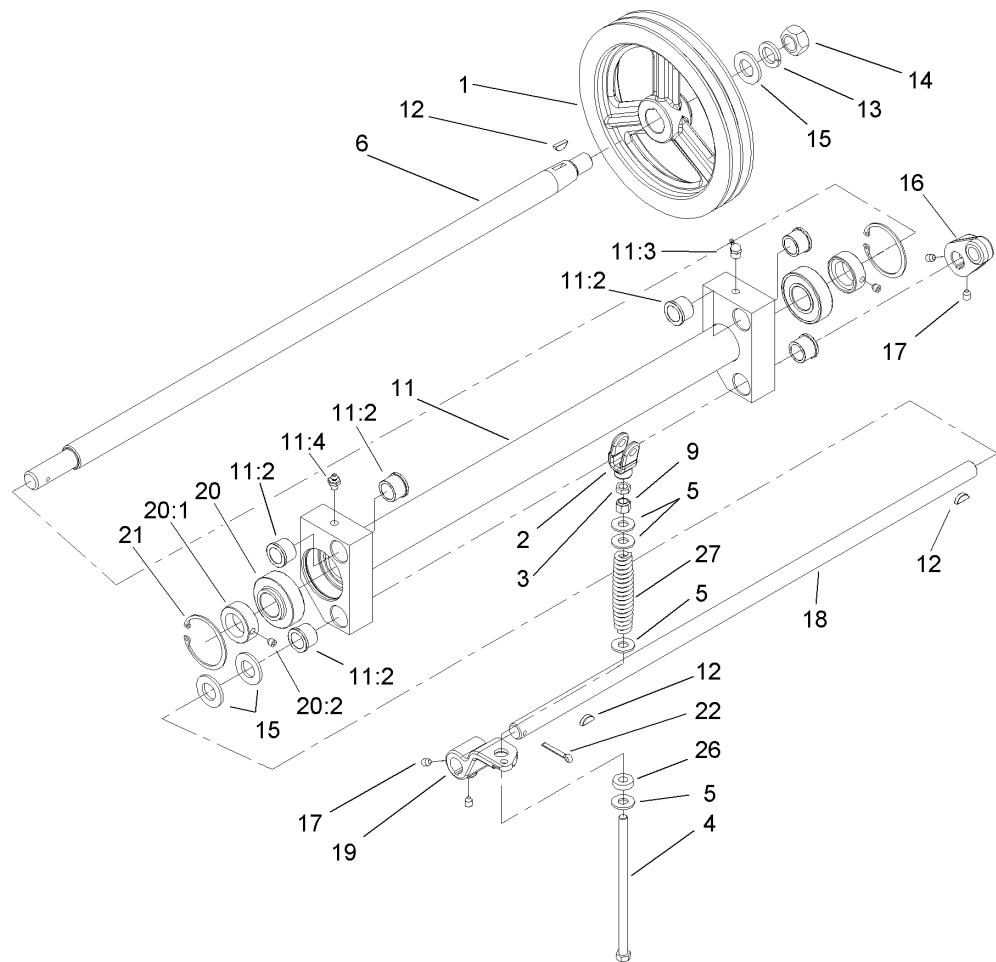
Ref	Part No.	Qty.	Description				
1	105-2592	1	Tube Support ASM				
1:2	3290-472	2	Insert-Threaded				
1:3	106-8120	1	Decal-Danger, Ce				
1:4	68-5370	1	Decal				
2	43-3690	1	Shaft-Fan				
3	38-7820	2	Bearing-Ball				
4	3257-30	2	Key-Woodruff				
5	18-9810	2	Washer-Thrust				
6	32136-3	2	Nut-SHH				
7	3272-16	2	Pin-Cotter				
8	105-2524	1	Pulley				
9	29-8910	1	Washer				
10	104-3408-03	1	Hub-Fan				



Power-Take-Off and Shaft Assembly

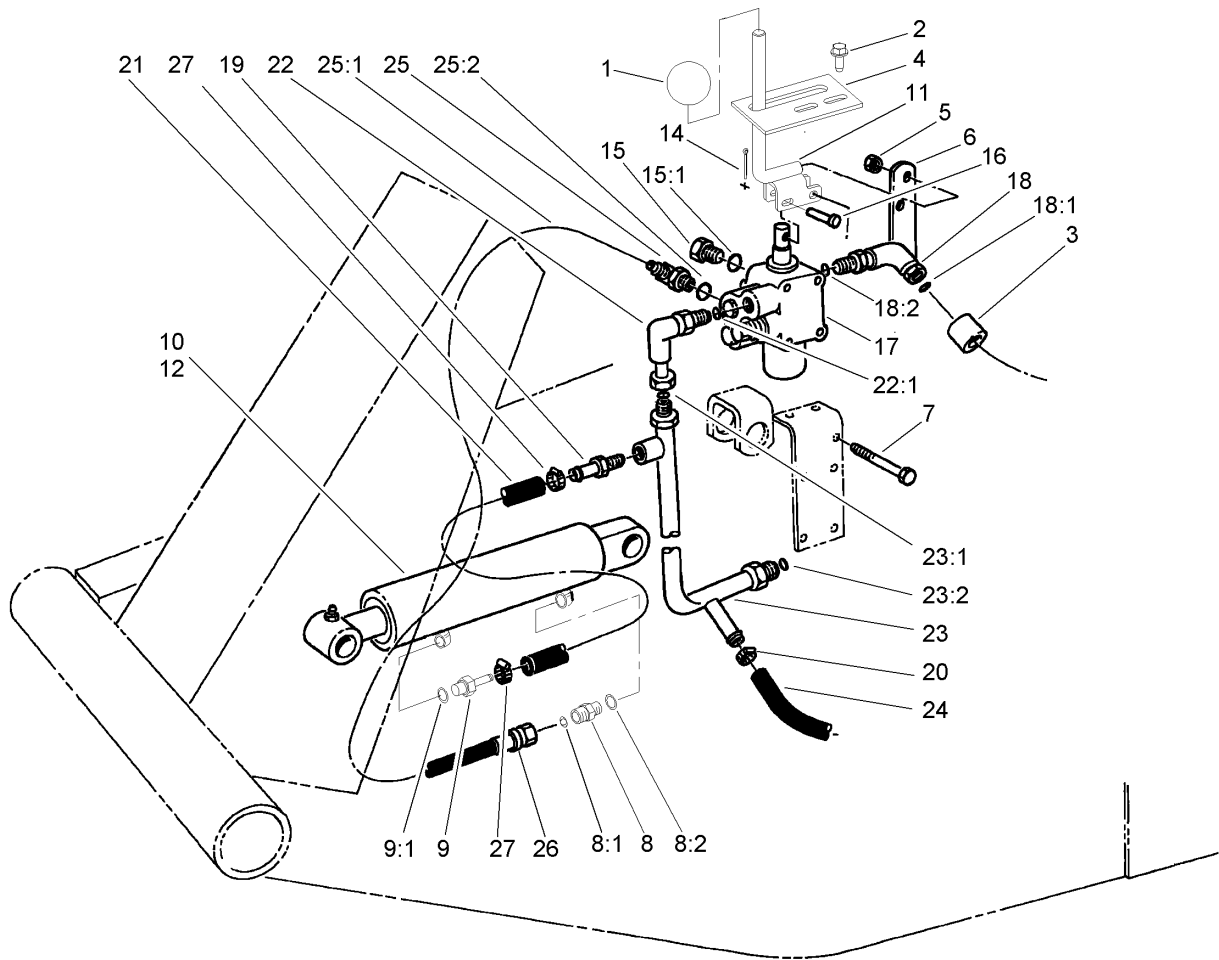
Ref	Part No.	Qty.	Description
1		1	PTO ASM
2	84-8500-01	1	Lever-PTO
3	84-8520-01	1	Bracket-Switch, PTO
4	283-42	1	Pin-Clevis
5	3272-6	1	Pin-Cotter
6	43-3860	1	Shaft-Pivot, PTO
7	106-4383	1	V-Belt
8	3256-28	1	Washer-Flat
9	3272-22	1	Pin-Cotter
10	3-6498	3	Washer-Thrust
11	3-8812	1	Spacer-Spring, Anchor
12	3256-6	1	Washer-Flat
13	5-1747	1	Spring-Adjustment
14	92-5727	2	Screw-Lock, Patch
15	92-5723	2	Bushing-Fork, PTO
16	110-9681-03	1	Fork-PTO
17	27-7370	1	PTO Brake ASM
18	93-3769	1	Pin-Clevis
19	3296-28	1	Nut-Lock, NI
20	3272-11	1	Pin-Cotter
21	32121-9	1	Pin-Roll, Slotted
22	21-1830	1	Spring-Extension
23	5-0701	1	Anchor
24	212-93	3	Clamp-Casing

Ref	Part No.	Qty.	Description
25	21-1600	1	Clamp-Lever, PTO
26	3253-21	4	Washer-Lock
27	32104-6	4	Screw-HH
29	321-4	1	Screw-HH
30	86-7050	1	Bracket-Switch, Actuator
31	3296-16	1	Nut-Lock, NI
32	43-9071	1	Limit Switch ASM
32:1	43-8860	1	Plunger-Switch
32:2	43-8870	1	Boot-Switch
32:3	43-8620	1	Pin-Guide, Switch
32:4	43-8610	1	Guide
32:5	218-461	2	Nut-HH
32:6	72-4320	1	Switch-Ball
32:7	237-7	1	O-Ring
32:8	43-8600	1	Spring-Compression
32:9	237-30	1	O-Ring
33	75-9890	2	Washer-Shim
34	108-1368	1	Spring-Extension
35	21-1880	1	Grip-Handle



Power-Take-Off Assembly

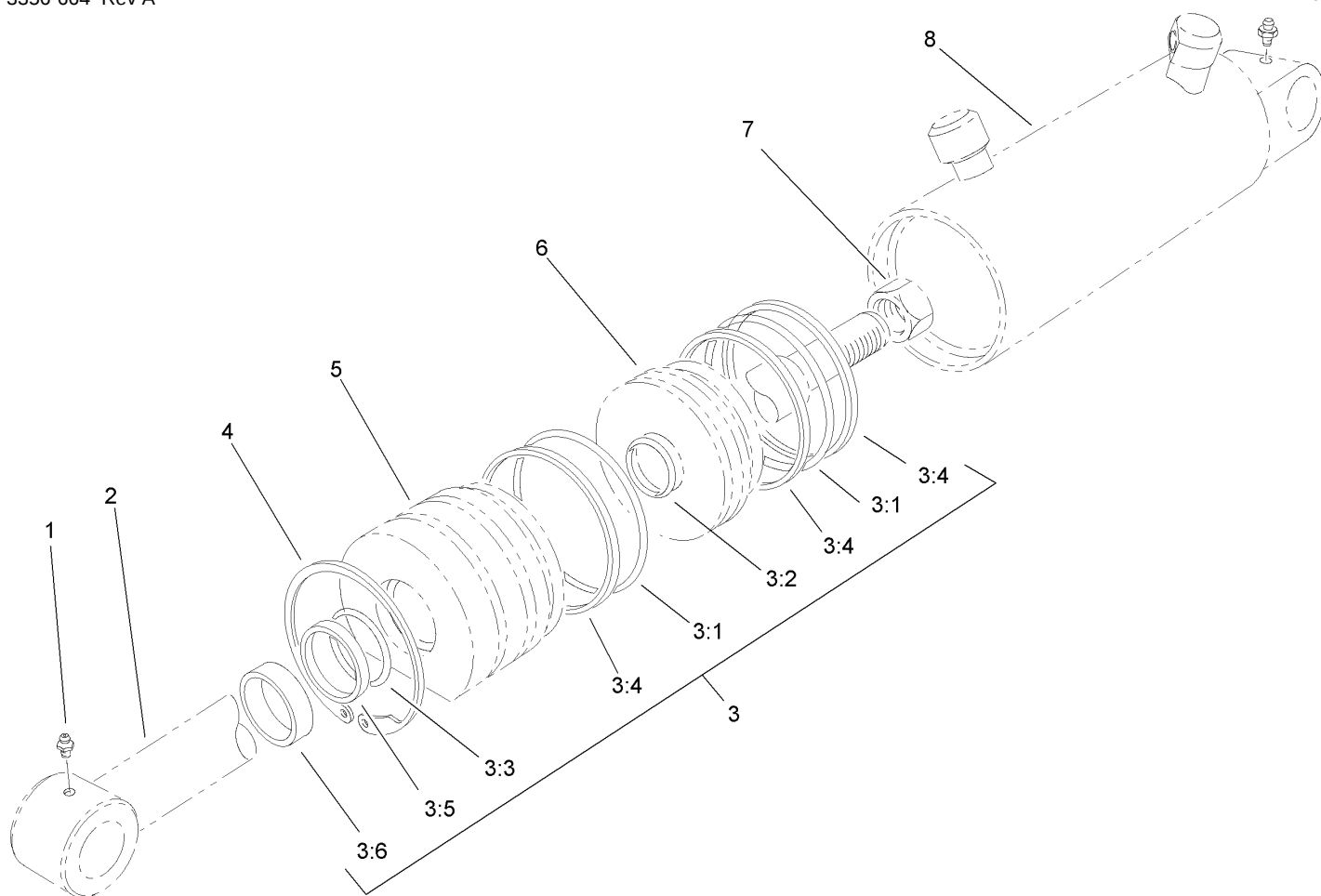
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	21-0230	1	Pulley-PTO	26	5-0652	1	Spacer
2	43-5630	1	Yoke-PTO	27	21-0400-01	1	Spring-Compression
3	3219-3	1	Nut-Hex				
4	27-7900	1	Screw-Adjusting				
5	3256-41	4	Washer				
6	43-5540	1	Shaft-PTO				
9	3296-6	1	Nut-Lock				
11	100-6599	1	PTO Pivot ASM				
11:2	256-113	6	Bushing-Flange				
11:3	302-10	1	Fitting-Grease				
11:4	302-2	1	Fitting-Grease				
12	3257-5	3	Key-Woodruff				
13	3254-7	1	Washer-Lock, Int				
14	3219-7	1	Nut-Hex				
15	3256-28	3	Washer-Flat				
16	92-4058	1	Arm-PTO				
17	3246-3	4	Screw-HSH				
18	43-5550	1	Shaft-Actuator, PTO				
19	43-5570	1	Arm-Actuator				
20	251-252	2	Bearing				
20:1	251-234	1	Collar-Locking				
20:2	106-9662	1	Screw-Set, HSH				
21	32120-22	2	Ring-Snap, Internal				
22	3272-22	1	Pin-Cotter				



Valve and Cylinder Assembly

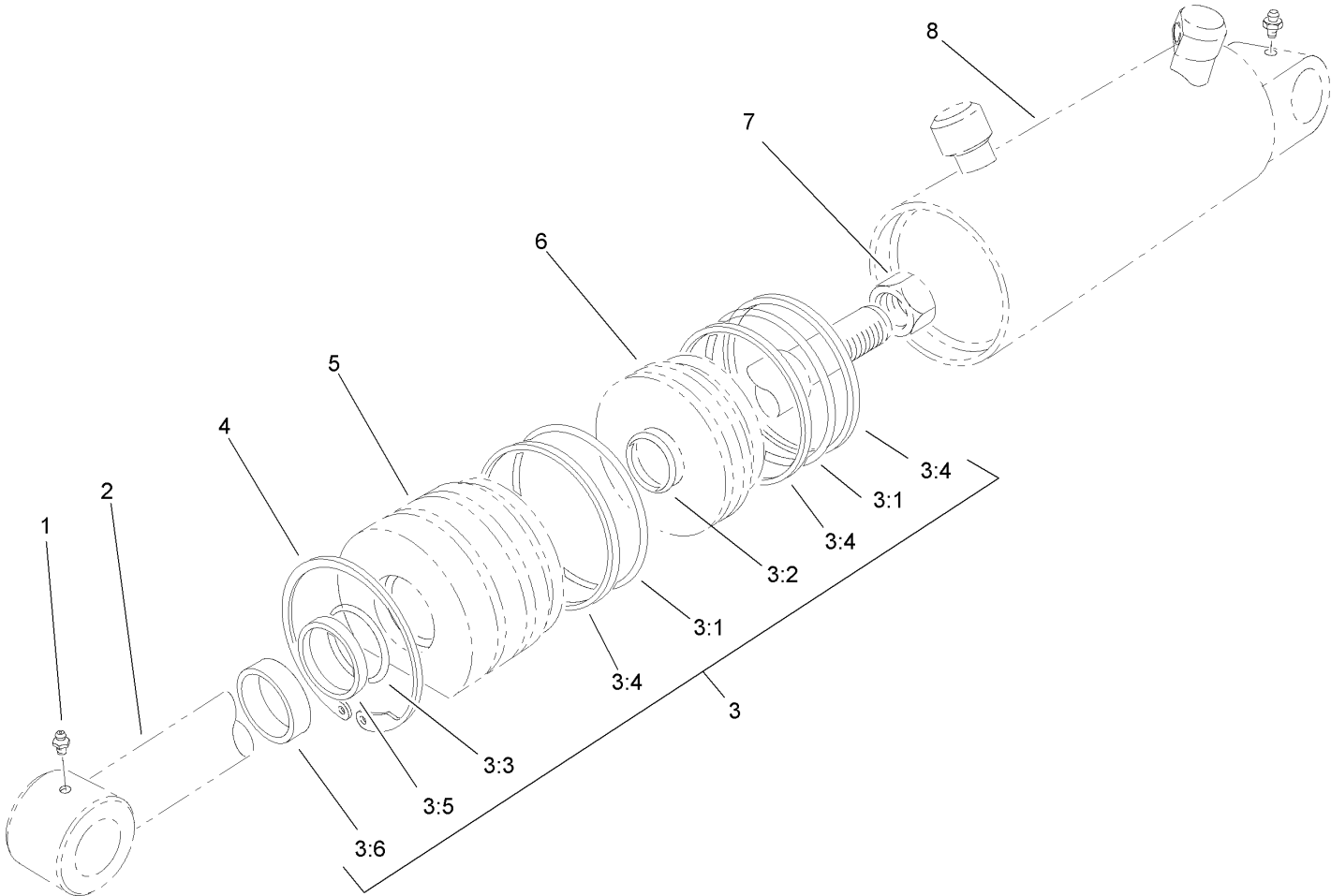
Ref	Part No.	Qty.	Description
1	233-21	1	Knob
2	32144-10	2	Screw-HWH
3	38-3400	1	Guard-Rubber
4	105-7806	1	Latch-Lever, Valve
5	3296-42	5	Nut-Lock, NI
6	21-9010	1	Lever-Valve, Pivot Mount
7	321-23	5	Screw-HH
8	340-2	1	Fitting-HYD, Straight
8:1	237-22	1	O-Ring
8:2	237-42	1	O-Ring
9	95-8849	1	Fitting-Straight, HYD
9:1	237-78	1	O-Ring
10	100-6586	1	Cylinder-HYD, 2.5 Inch
11	105-7839-03	1	Valve Lever ASM
12	100-6591	1	Cylinder-HYD, 3 Inch
14	3272-4	1	Pin-Cotter
15	353-512	1	Plug
15:1	237-78	1	O-Ring
16	283-17	1	Pin-Clevis
17	106-8071-01	1	Valve ASM
18	340-99	1	Fitting-HYD, 90 DEG
18:1	237-30	1	O-Ring
18:2	237-42	1	O-Ring
19	304-73	1	Connector-Hose

Ref	Part No.	Qty.	Description
20	2412-36	1	Clamp-Hose
21	92-7834	1	Hose-HYD
22	340-110	1	Fitting-Swivel, 90 DEG
22:1	237-42	1	O-Ring
23	63-9260	1	Manifold Valve ASM
23:1	237-22	1	O-Ring
23:2	237-30	1	O-Ring
24	63-8990	1	Hose-HYD
25	340-97	1	Fitting-HYD, 90 DEG
25:1	237-22	1	O-Ring
25:2	237-78	1	O-Ring
26	92-7833	1	Hose ASM
27	2412-108	2	Clamp-Worm



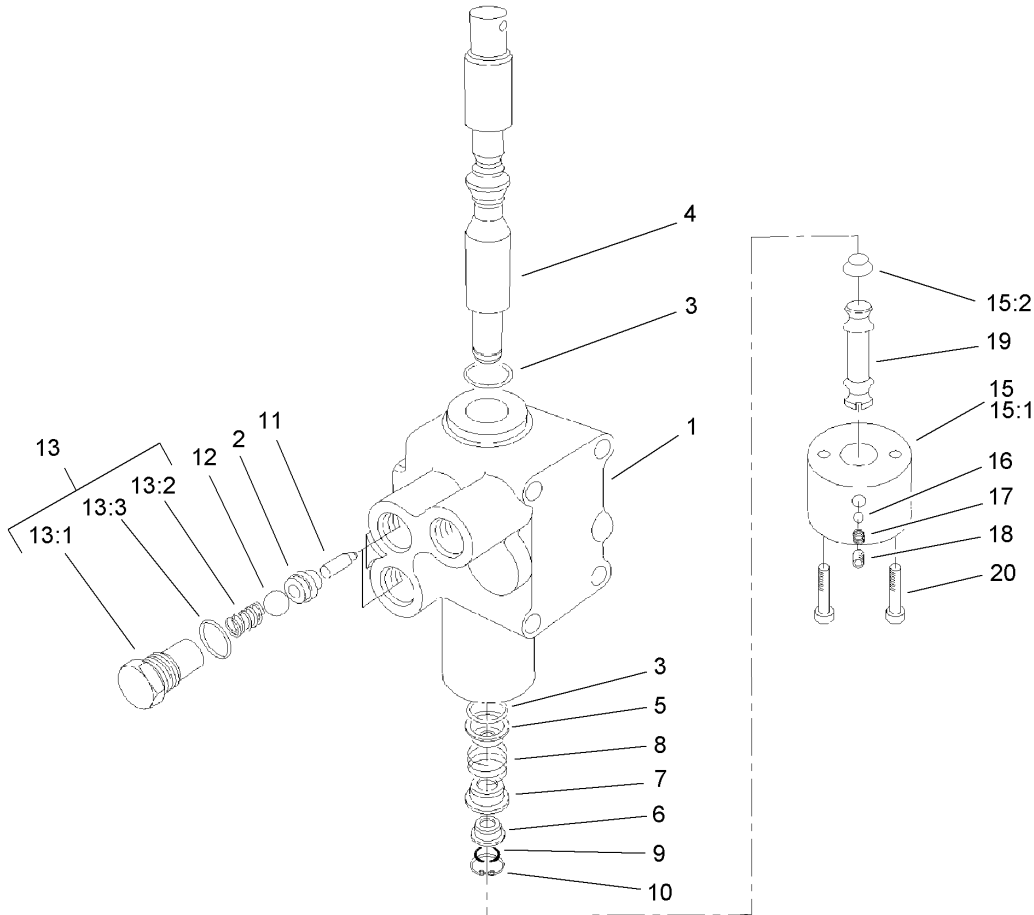
Hydraulic Cylinder Assembly No. 100-6586 (2-1/2in Bore)

Ref	Part No.	Qty.	Description
1	302-55	2	Fitting-Grease
2		1	Shaft
3	61-4960	1	Seal Kit
23:1		2	O-Ring
23:2		1	O-Ring
23:3		1	O-Ring
23:4		3	Backup
23:5		1	Backup
23:6		1	Seal-Dust
4	61-4990	1	Ring-Retaining
5		1	Head
6		1	Piston
7		1	Nut
8		1	Barrel



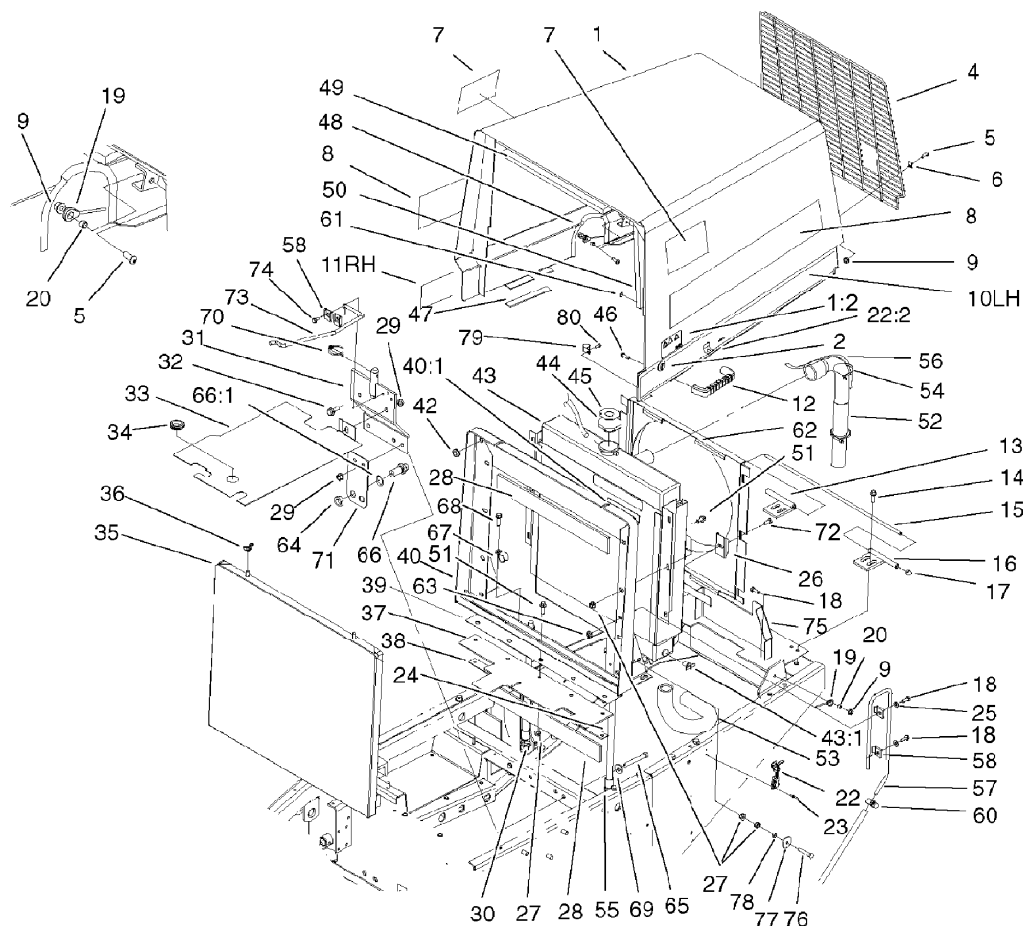
**Hydraulic Cylinder Assembly No. 100-6591 (3in Bore)
(Optional)**

Ref	Part No.	Qty.	Description				
1	302-55	2	Fitting-Grease				
2		1	Shaft				
3	67-5500	1	Seal Kit				
3:1		2	O-Ring				
3:2		1	O-Ring				
3:3		1	O-Ring				
3:4		3	Backup				
3:5		1	Backup				
3:6		1	Seal-Dust				
4	67-5470	1	Ring-Snap				
5		1	Head				
6		1	Piston				
7		1	Nut				
8		1	Barrel				



Valve Assembly No. 106-8071-01

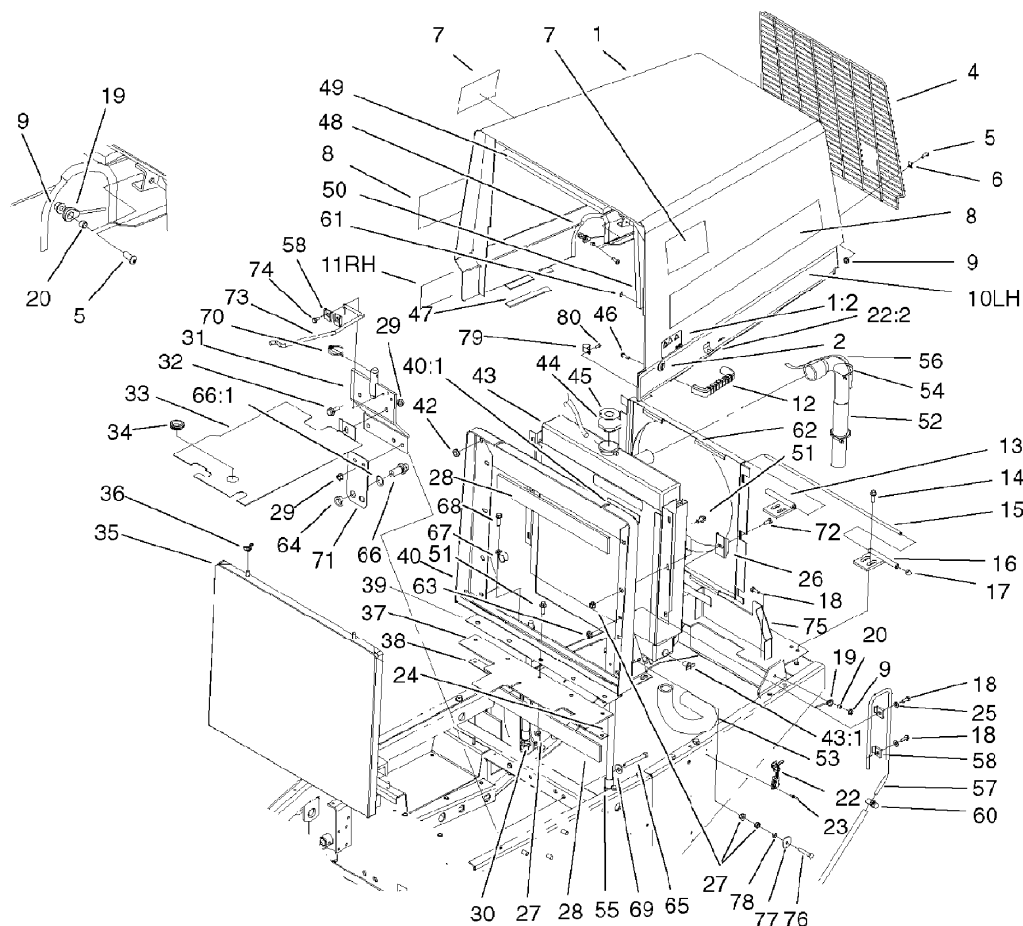
Ref	Part No.	Qty.	Description				
1		1	Body				
2	22-8370	2	Seat-Valve				
3	22-8500	2	O-Ring				
4	105-7826	1	Spool				
5	22-8380	1	Retainer				
6	22-8400	1	Spacer				
7	22-8390	1	Retainer				
8	22-8410	1	Spring				
9	22-8480	1	Ring-Snap				
10	22-8490	1	Ring-Snap				
11	22-8360	2	Pin				
12	22-8350	2	Ball				
13	105-7827	2	Plug ASM				
13:1	22-8330	1	Plug				
13:2	22-8340	1	Spring				
13:3	237-42	1	O-Ring				
15	106-8070	1	Detent Barrel ASM				
15:1		1	Barrel-Detent				
15:2	106-8068	1	Plug-Dust				
16	105-7829	2	Ball-Steel				
17	105-7830	2	Spring				
18	105-7831	2	Screw-Set				
19	105-7832	1	Stud-Detent				
20	105-7833	2	Screw-Hs				



Radiator and Hood Assembly

Ref	Part No.	Qty.	Description
1	105-4282	1	Hood
1:2	106-6754	1	Decal-Danger
2	98-5398	1	Latch
4	105-0059-03	1	Hood-Screen, Rear
5	3274-69	6	Screw-HSBH
6	2412-127	4	Clamp-R
7	66-6140	2	Decal
8	106-4394	2	Decal
9	32128-32	8	Nut-HHF
10	77-5141	1	Decal-Hood, LH
11	77-5151	1	Decal-Hood, RH
12	65-5100	1	Handle-Door
13	67-8820-01	1	RH Hinge ASM
14	3234-17	4	Screw-HHF
15	67-8840	1	Hinge-Rod
16	67-8810-01	1	LH Hinge ASM
17	32111-8	2	Nut-Lock, Cap
18	321-4	4	Screw-HH
19	77-3170	2	Cable-Hood
20	77-5250	4	Spacer-Cable, Hood
22	59-9740	1	Flex Draw Latch ASM
22:2	249-40	1	Keeper
23	3290-55	4	Rivet-Pop
24	63-9010	1	Hose-Coolant, Transmission

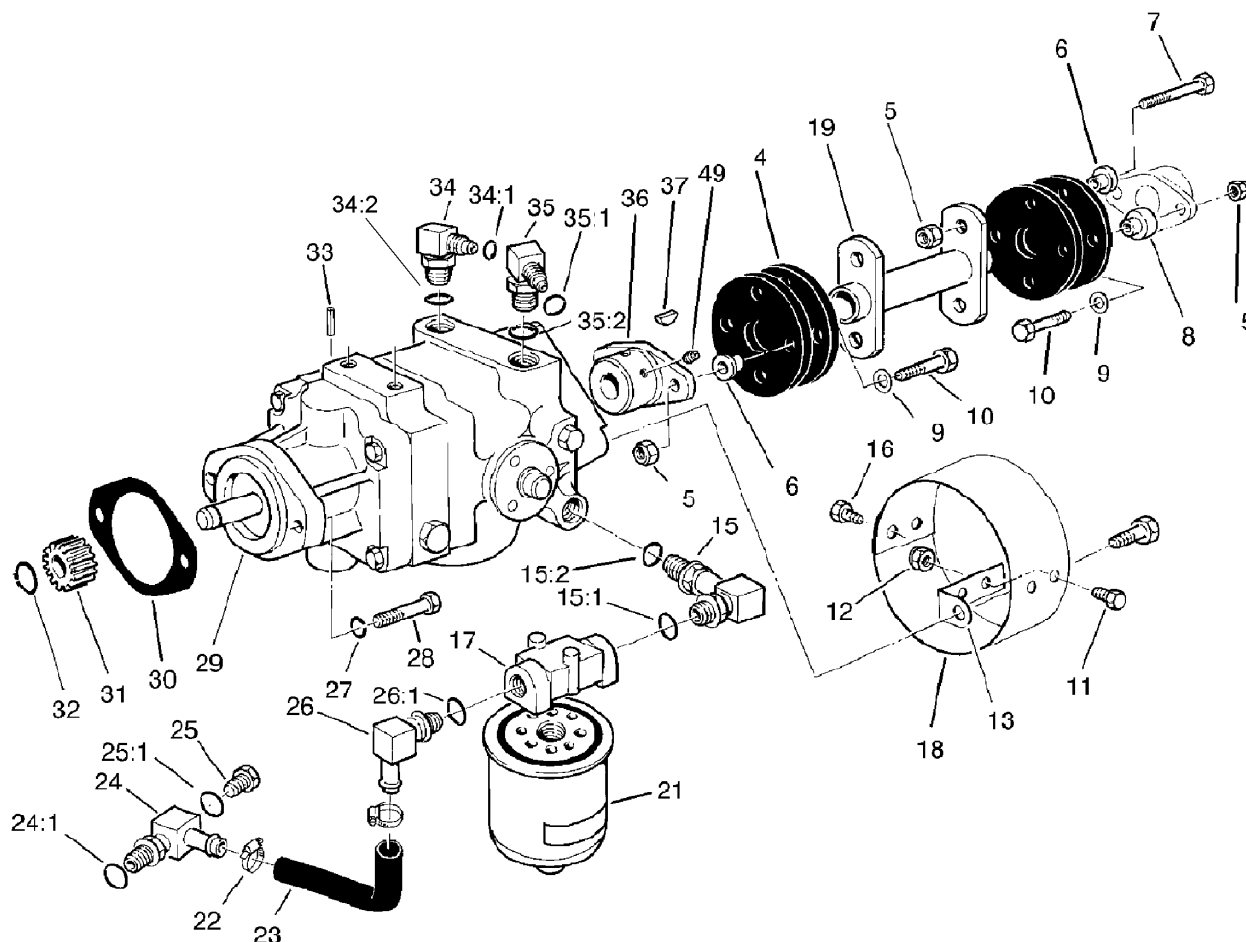
Ref	Part No.	Qty.	Description
25	3256-22	2	Washer-Flat
26	105-0012-03	6	Clip-Mounting, Fan Shroud
27	32128-20	15	Nut-HF
28	43-3320	2	Foam-Radiator
29	32128-21	4	Nut-HF
30	63-8960	1	Hose
31	105-2542-01	1	Bracket-Support, Seat
32	3234-11	1	Screw-HHF
33	105-2544-01	1	Plate-Sealing
34	240-5	1	Grommet-Rubber
35	67-9030-03	1	Grille ASM
36	32103-2	2	Nut-Wing
37	67-8570	1	Strip-Sealing
38	67-8470-03	1	Strip-Retainer
39	105-4264-03	1	Grill-Plate, Sealing
40	105-4293	1	Radiator Support ASM
40:1	93-7272	3	Decal-Warning
42	237-141	2	Grommet-Rubber
43	108-8699	1	Radiator ASM
43:1	304-46	1	Draincock
44	66-3240	1	Cap-Radiator
45	106-5976	1	Decal-Warning
46	46-8091	2	Screw-HWH
47	82-8950	2	Foam



Radiator and Hood Assembly (continued)

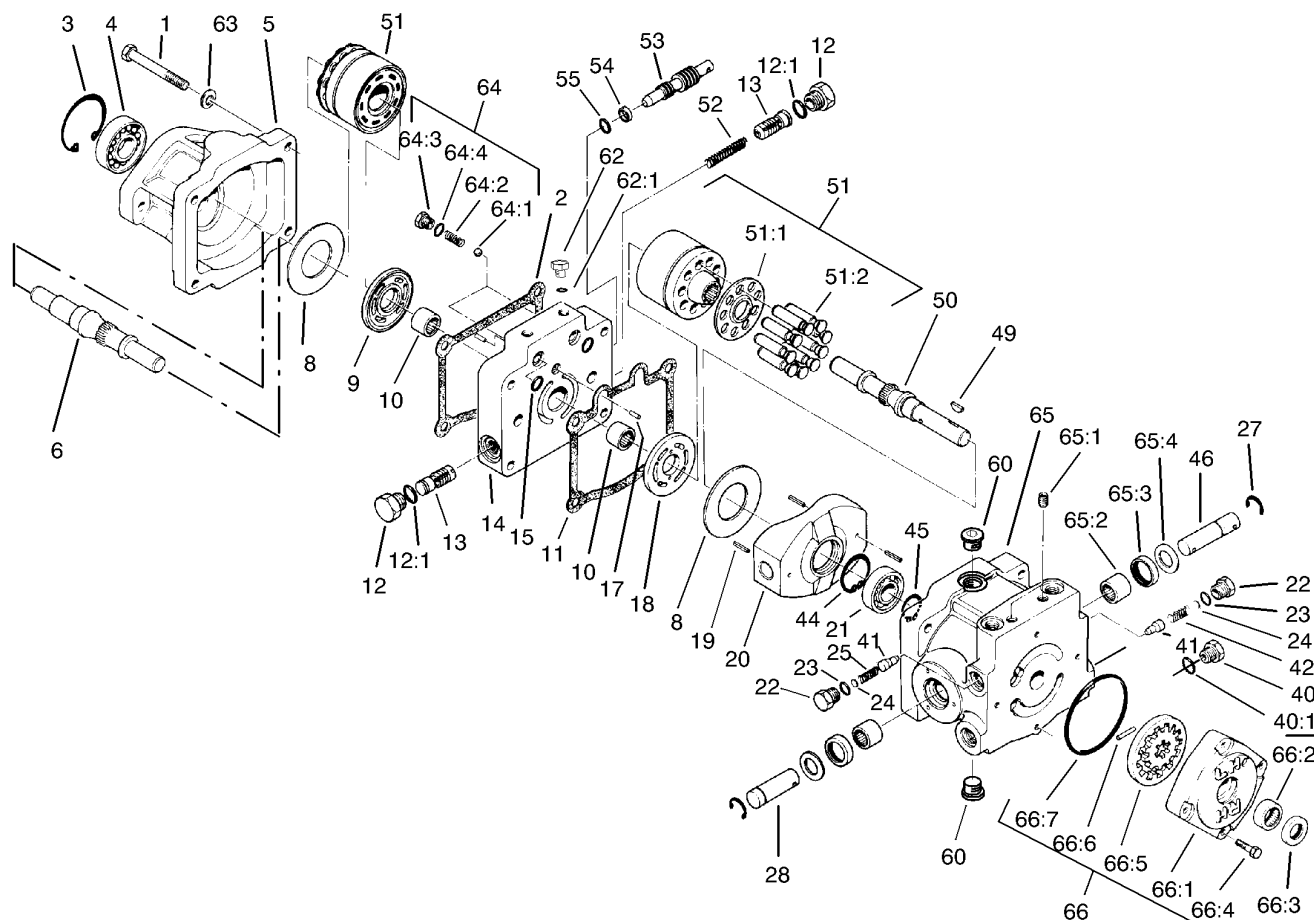
Ref	Part No.	Qty.	Description
48	66-8111	1	Trim-Hood
49	77-5170	1	Foam-Top
50	77-5160	1	Foam-Side, LH
51	3234-14	13	Screw-HHF
52	104-3433	1	Hose-Radiator, Top
53	104-3432	1	Hose-Radiator, Bottom
54	3290-379	6	Tie-Cable
55	38-3400	1	Guard-Rubber
56	110-4109	1	Hose-Fuel
57	105-4265	1	Tube-Vent
58	3-6657	4	Clip-Skid
60	2412-108	1	Clamp-Worm
61	3269-10	2	Washer-Back
62	105-0007-03	1	Fan Shroud ASM
63	32128-33	1	Nut-HF
64	340-70	2	Nut-Lock
65	323-14	3	Screw-HH
66	340-71	2	Fitting-Straight, Bulkhead
66:1	237-22	2	O-Ring
67	2412-4	1	Clamp
68	11-0590	1	Screw-HWHTF
69	5-0838	3	Washer
70	283-76	1	Pin-Lynch
71	68-9160	1	Bracket

Ref	Part No.	Qty.	Description
72	3234-33	6	Screw-HHF
73	86-7040	1	Rod-Prop, Seat
74	32144-10	2	Screw-HWH
75	105-4255-01	1	Pulley Guard ASM
76	322-41	1	Screw-HH
77	3256-57	1	Washer-Flat
78	3296-47	1	Nut-Lock, NI
79	2412-83	1	Clamp-Cable
80	32144-1	1	Screw-Taptite



Transmission Assembly

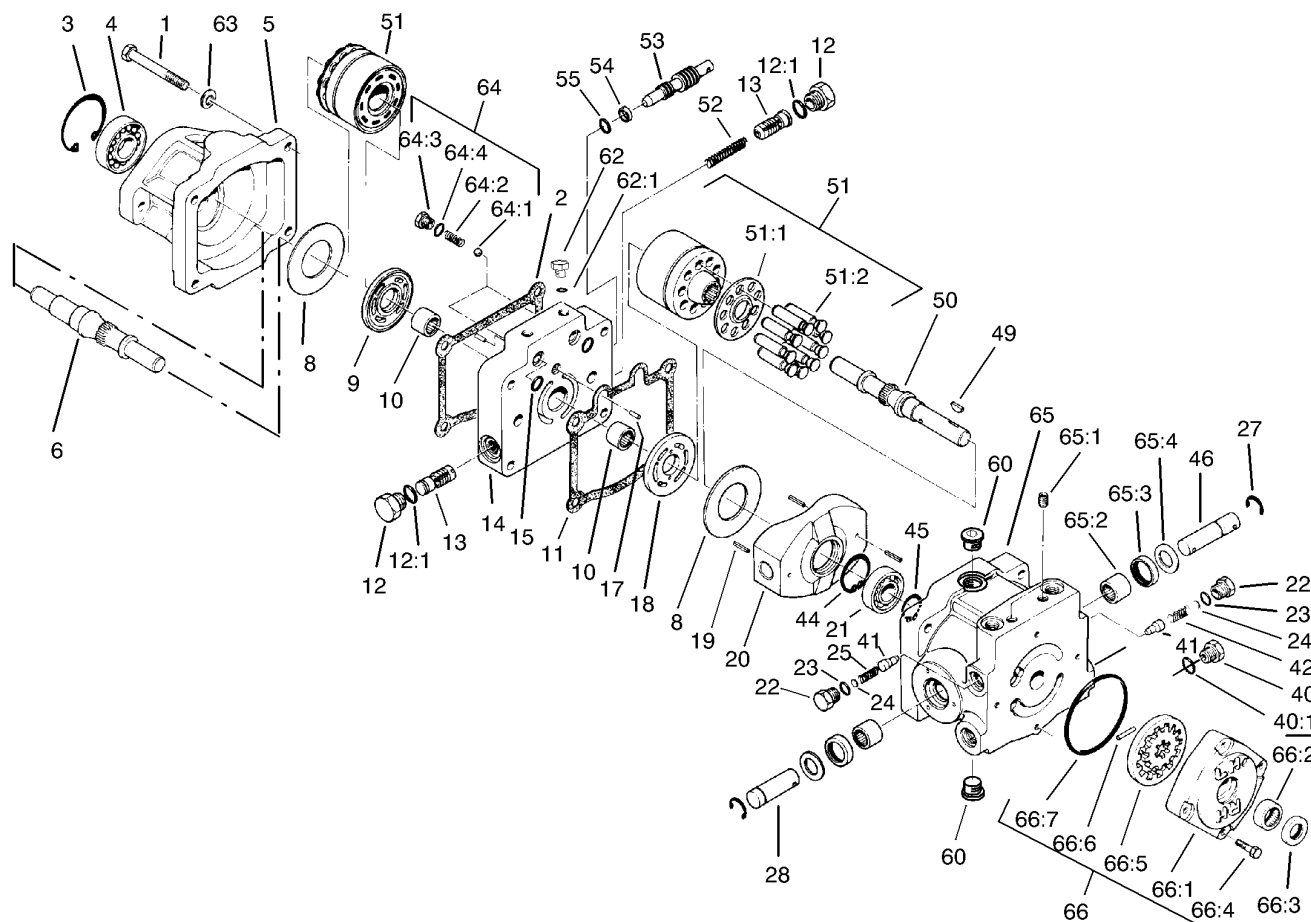
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
4	44-2230	4	Coupling-Rubber	26	353-987	1	Fitting-HYD, 90
5	32152-1	8	Nut-Lock, Cone	26:1	237-81	1	O-Ring
6	71-4411	4	Spacer	27	3253-21	2	Washer-Lock
7	322-8	4	Screw-HH	28	323-7	2	Screw-HH
8	71-4410	4	Spacer	29	92-8947	1	Transmission ASM
9	3256-3	4	Washer-Flat	30	41-8760	1	Gasket
10	322-10	4	Screw-HH	31	86-7220	1	Gear-Pinion
11	321-2	2	Screw-HH	32	32120-72	1	Ring-Snap
12	3296-42	4	Nut-Lock, NI	33	32121-6	1	Pin-Roll, Slotted
13	54-9290	2	Bracket-Mounting	34	340-77	1	Fitting-HYD, 90 DEG
15	68-8660	1	Fitting-HYD, 90 DEG	34:1	237-22	1	O-Ring
15:1	237-80	1	O-Ring	34:2	237-42	1	O-Ring
15:2	237-81	1	O-Ring	35	340-99	1	Fitting-HYD, 90 DEG
16	321-4	2	Screw-HH	35:1	237-30	1	O-Ring
17	68-8990	1	Filter Head ASM	35:2	237-42	1	O-Ring
18	54-9300-03	1	Cover-Shaft, Pump	36	110-9695	1	Hub-Pump
19	105-0033-03	1	Drive Shaft ASM	37	3257-32	1	Key-Woodruff
21	23-9740	1	Filter-Oil	49	3241-5	2	Screw-Set
22	2412-34	2	Clamp-Hose				
23	68-9650	1	Hose-Axle				
24	70-2620	1	Fitting-HYD, 90 DEG				
24:1	237-81	1	O-Ring				
25	353-508	1	Plug				
25:1	237-42	1	O-Ring				



Transmission Assembly No. 92-8947

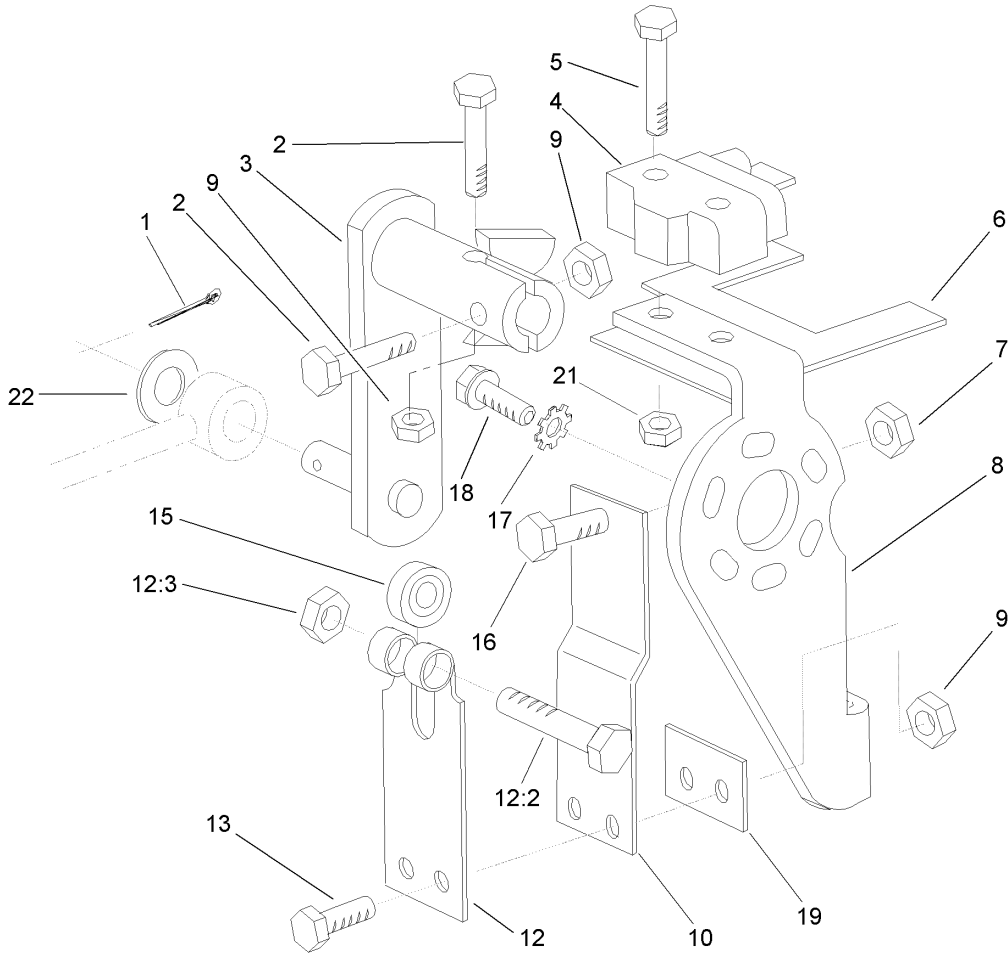
Ref	Part No.	Qty.	Description
1	323-56	4	Screw-HH
2	67-9100	1	Gasket
3	32120-8	1	Ring-Snap
4	72-3750	1	Bearing-Roller
5	67-9080	1	Housing-Motor
6	46-8410	1	Shaft-Motor
8	25-2380	2	Plate-Thrust
9	25-2390	1	Plate-Valve, Motor
10	46-8400	2	Bearing-Shaft
11	25-2400	1	Gasket
12	353-550	2	Plug-HYD, HH
12:1	237-79	1	O-Ring
13	25-2410	2	Valve ASM
14	92-8918	1	Section-Center
15	93-4132	2	O-Ring
17	25-2430	2	Pin-Dowel
18	25-2440	1	Plate-Valve, Pump
19	32121-91	3	Pin-Spring
20	25-2450	1	Plate-Swash, Variable
21	251-8	1	Bearing-Ball
22	25-2460	2	Plug-HH
23	237-86	4	O-Ring
24	25-2470	2	Pack-Shim
25	25-2480	1	Spring-Valve

Ref	Part No.	Qty.	Description
27	32151-46	2	Ring-Retaining
28	25-2500	1	Shaft-Trunnion
40	353-551	1	Plug-HH
40:1	237-80	1	O-Ring
41	83-7260	2	Cone-Relief, Charge
42	25-2570	1	Spring-Valve
44	32151-75	1	Ring-Retaining
45	32120-15	1	Ring-Snap, EXT
46	25-2580	1	Shaft-Trunnion
49	3257-32	1	Key-Woodruff
50	67-8020	1	Shaft-Pump
51	48-1800	2	Cylinder Block Kit
51:1		1	Retainer-Slipper
51:2		9	Piston ASM
52	25-2610	1	Spring-Valve
53	88-8220	1	Valve-By Pass
54	25-2630	1	Ring-Back Up
55	237-22	1	O-Ring
60	67-9090	1	Plug ASM
62	75-0170	4	Plug-Thread, Straight
62:1	92-8777	1	O-Ring
63	93-0312	4	Washer-Hardened
64	99-5689	1	Check Valve ASM
64:1	25-2490	1	Ball



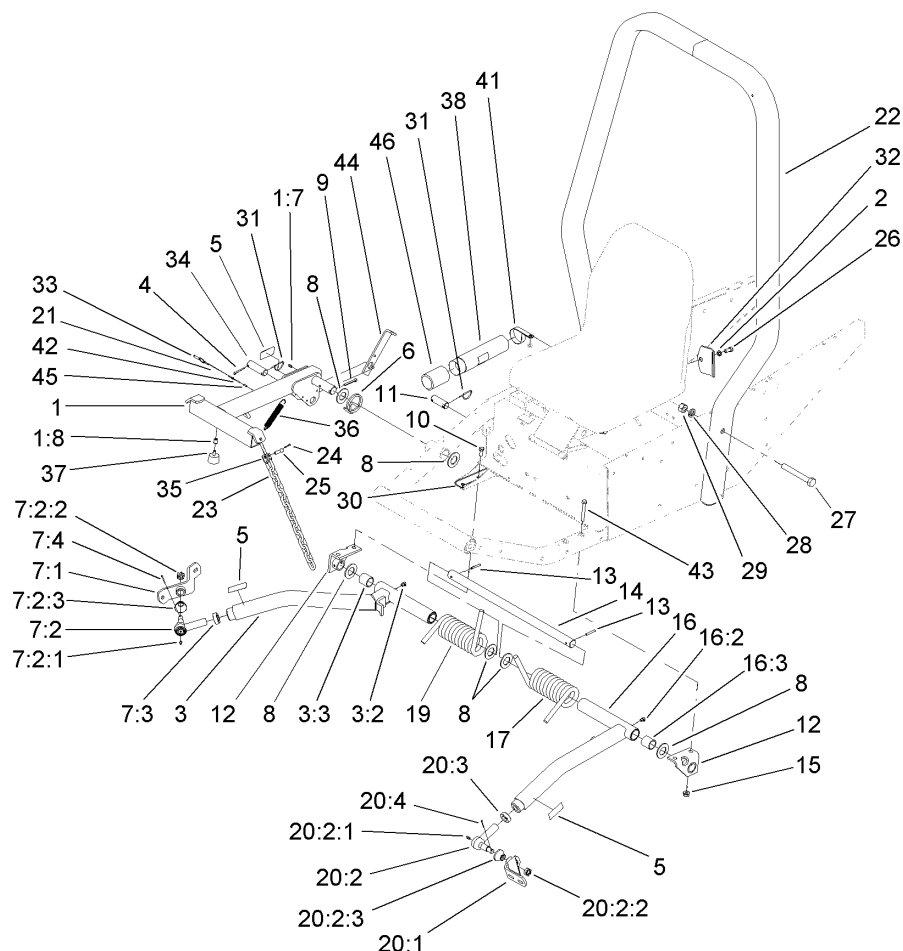
Transmission Assembly No. 92-8947 (continued)

Ref	Part No.	Qty.	Description				
64:2	25-2640	1	Spring-Valve				
64:3	25-2650	1	Plug-Valve, Check				
64:4	237-86	1	O-Ring				
65	54-7890	1	Housing Kit				
65:1	285-17	2	Plug-Pipe				
65:2	252-82	2	Bearing-Needle				
65:3	25-3210	2	Seal-Lip				
65:4	25-2510	2	Washer-Flat				
66	25-3190	1	Charge Pump Kit				
66:1	25-2550	1	Housing-Pump, Charge				
66:2	67-8050	1	Bearing-Needle				
66:3	93-4133	1	Seal-Lip				
66:4	322-4	4	Screw-HH				
66:5	25-2540	1	Gerotor ASM				
66:6	25-2530	1	Pin-Straight, Headless				
66:7	237-95	1	O-Ring				



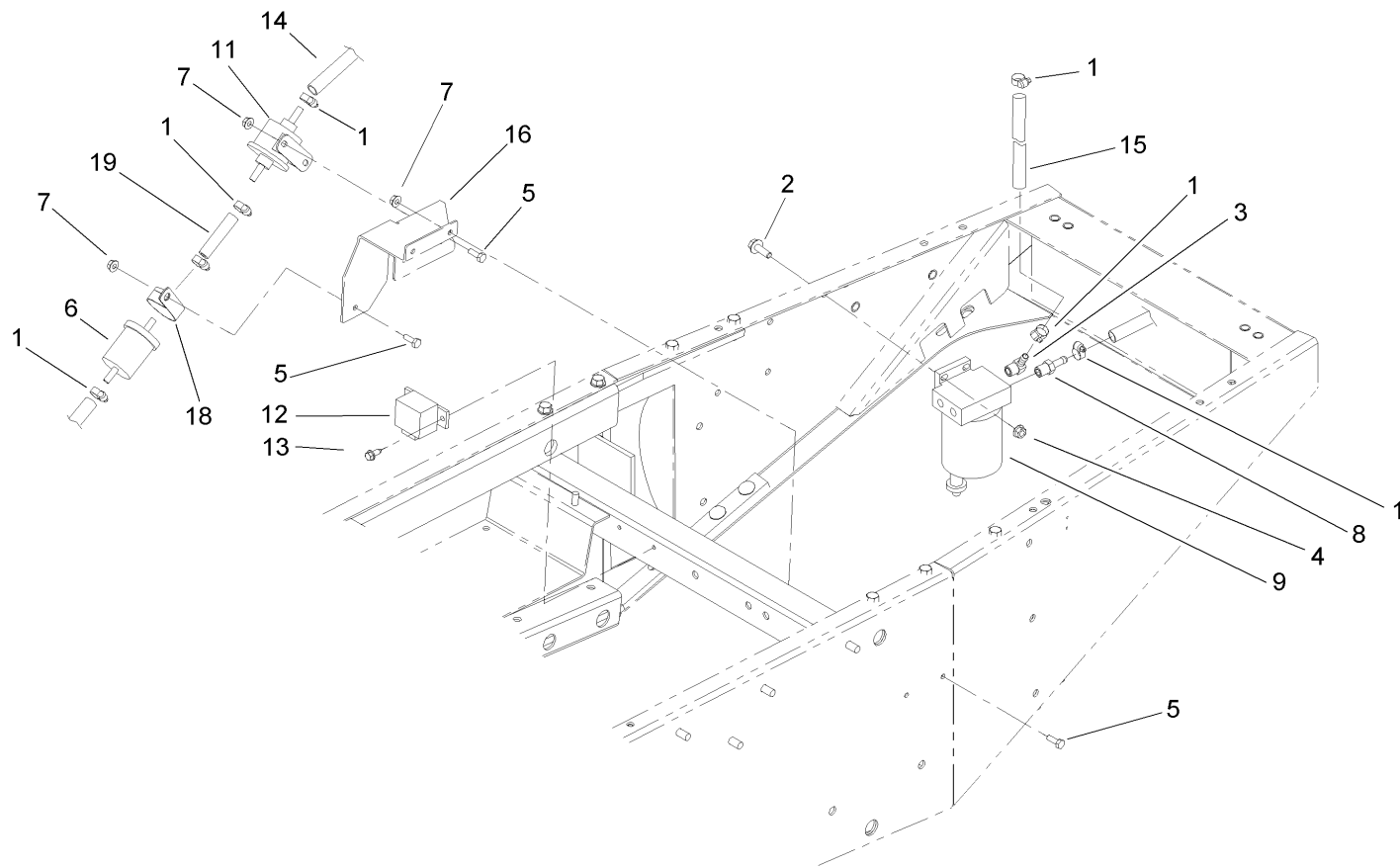
Neutral Centering Device Assembly

Ref	Part No.	Qty.	Description				
1	3272-10	1	Pin-Cotter				
2	321-9	2	Screw-HH				
3	108-6555-03	1	Pump Lever ASM				
4	29-6163	1	Switch-Micro				
5	32105-21	2	Screw-HH				
6	46-8810	1	Stop-Spring, Leaf				
7	3219-2	1	Nut-Hex				
8	29-6120-03	1	Plate-Pump				
9	3296-42	4	Nut-Lock, NI				
10	29-6170	1	Extended Leaf Spring ASM				
12	110-9650	1	Leaf Spring ASM				
12:2	36-2250	1	Bolt-Shoulder				
12:3	3296-42	1	Nut-Lock, NI				
13	321-6	2	Screw-HH				
15	251-259	1	Bearing-Ball				
16	3210-7	1	Screw-HH				
17	3255-7	3	Washer-Lock / EXT				
18	49-2040	3	Screw-HWHTF				
19	51-3150	1	Shim-Arm, Spring				
21	3296-9	2	Nut-Lock				
22	3256-6	1	Washer-Flat				



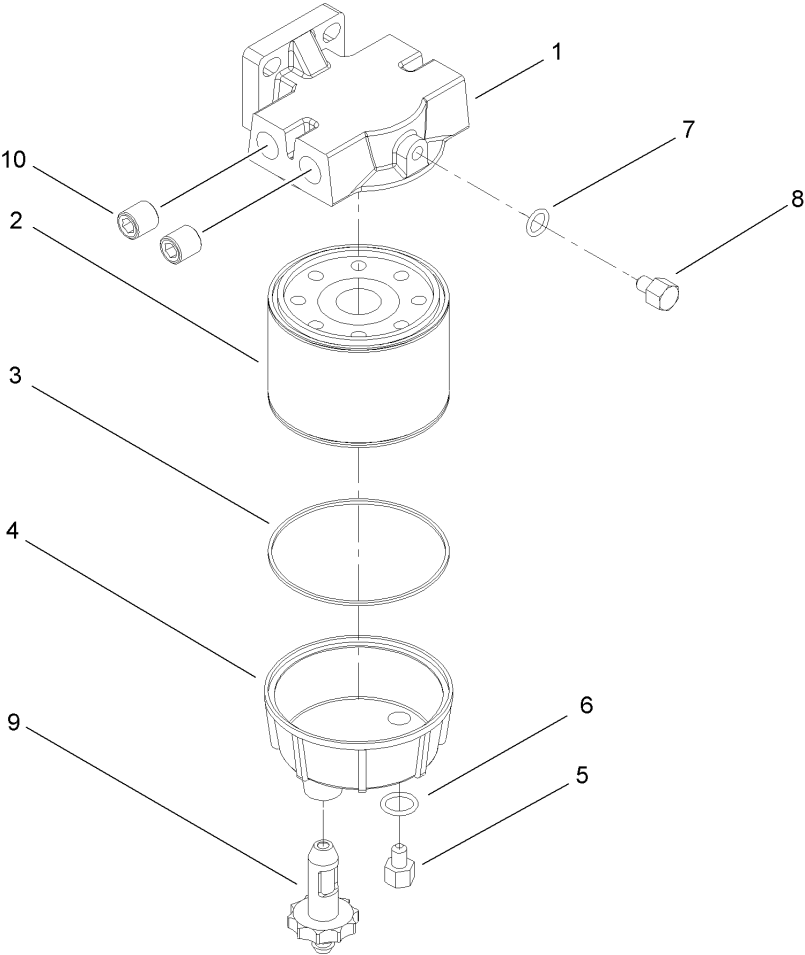
Push Arm and Roll-Over Protection System Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	66-6370	1	Lift Arm ASM	14	21-2990	1	Shaft-Pivot
1:7	302-5	1	Fitting-Grease	15	110-9671	4	Nut-HF
1:8	3290-472	1	Insert-Threaded	16	21-2960	1	Arm-Push, LH
2	3253-6	2	Washer-Lock	16:2	302-33	1	Fitting-Grease
3	66-7150	1	Arm-Push, RH	16:3	256-126	2	Bushing
3:2	302-33	1	Fitting-Grease	17	21-2900-01	1	Spring-Torsion, LH
3:3	256-126	2	Bushing	17	105-9550-01	1	Spring-Torsion, LH (Light)
4	3272-24	1	Pin-Cotter	19	21-2890-01	1	Spring-Torsion, RH
5	93-6696	3	Decal-Warning	20		1	LH Ball Joint ASM
6	46-8840-01	1	Spring-Lift Arm	20:1	21-3050-01	1	LH Ball Joint Mount ASM
7		1	RH Ball Joint ASM	20:2	86-8100-01	1	Ball Joint ASM
7:1	21-3020-01	1	Mount-Balljoint, RH	20:2:1	302-5	1	Fitting-Grease
7:2	86-8100-01	1	Ball Joint ASM	20:2:2	32136-2	1	Nut-SHH
7:2:1	302-5	1	Fitting-Grease	20:2:3	114-2874	1	Seal-Ball Joint
7:2:2	32136-2	1	Nut-SHH	20:3	21-3000	1	Nut-HJ
7:2:3	114-2874	1	Seal-Ball Joint	20:4	3272-11	1	Pin-Cotter
7:3	21-3000	1	Nut-HJ	21	28-8070	1	Lanyard
7:4	3272-11	1	Pin-Cotter	22	99-1299-03	1	ROPS-2 Post
8	5-1754	6	Washer-Flat	23	3-1365	3	Chain
9	3272-33	1	Pin-Cotter	24	3272-10	6	Pin-Cotter
10	110-9672	2	Screw-HH	25	283-10	6	Pin-Clevis
11	3-7292	1	Pin-Clevis	26	3212-4	2	Screw-HH
12	21-2860-01	2	Push Arm Bracket ASM	27	328-12	4	Screw-HH
13	32121-84	2	Pin-Spiral	28	3253-9	4	Washer-Lock



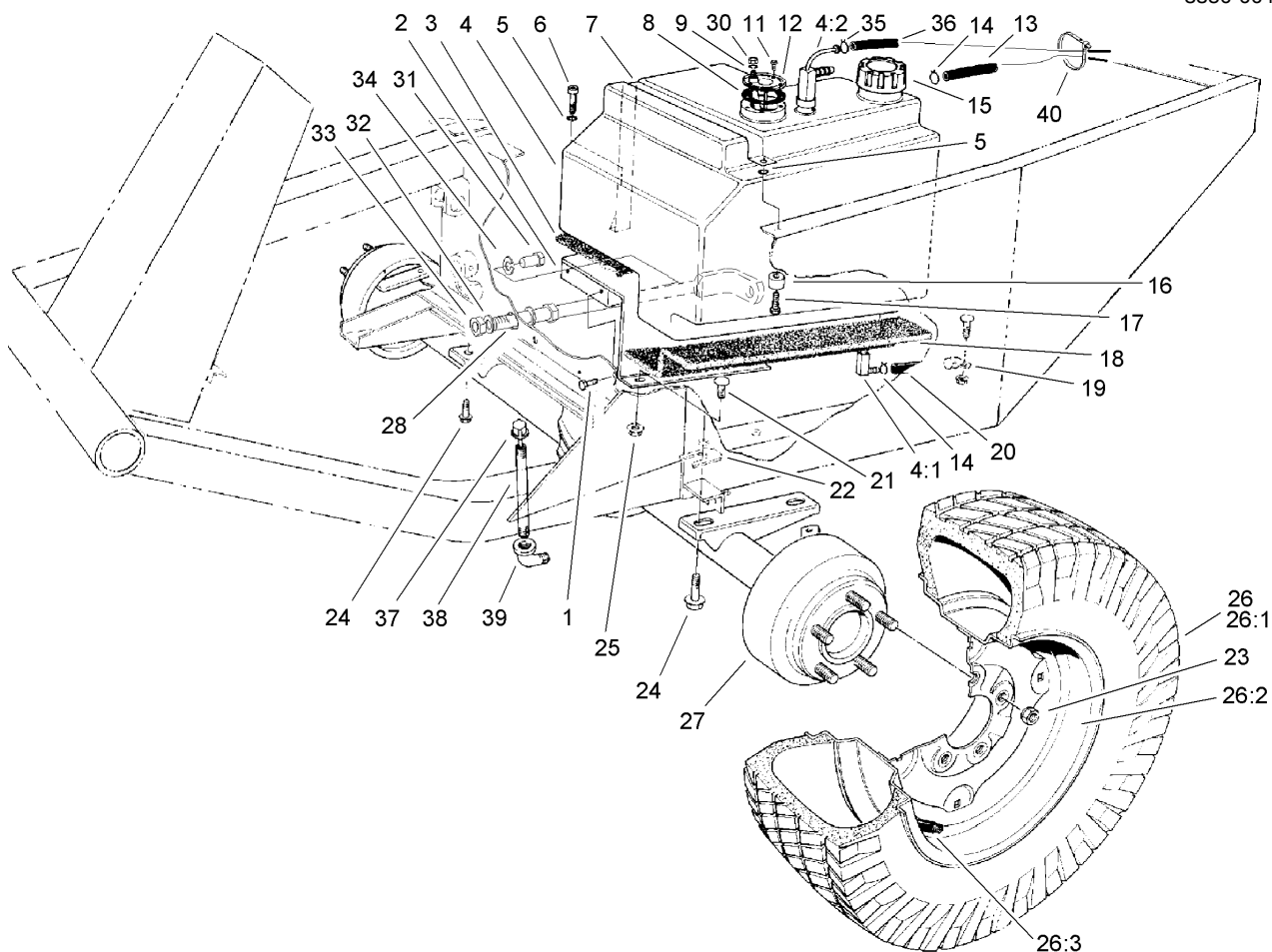
Water and Fuel Filter Assembly

Ref	Part No.	Qty.	Description				
1	2412-108	7	Clamp-Worm				
2	3234-29	2	Screw-HHF				
3	353-781	1	Fitting-Elbow				
4	32128-20	2	Nut-HF				
5	321-4	5	Screw-HH				
6	98-7612	1	Filter-Fuel				
7	32128-33	5	Nut-HF				
8	353-783	1	Fitting-Straight				
9	98-9305	1	Water / Fuel Filter ASM				
11	104-5215	1	Pump-Fuel, Electric				
12	99-7435	1	Relay-Power				
13	32144-10	1	Screw-HWH				
14	110-3259	1	Hose-Fuel				
15	110-4105	1	Hose-Fuel				
16	105-2561-03	1	Bracket-Pump, Fuel				
18	2412-147	1	Clamp				
19	110-0047	1	Hose-Fuel				



Water and Fuel Filter Assembly No. 98-9305

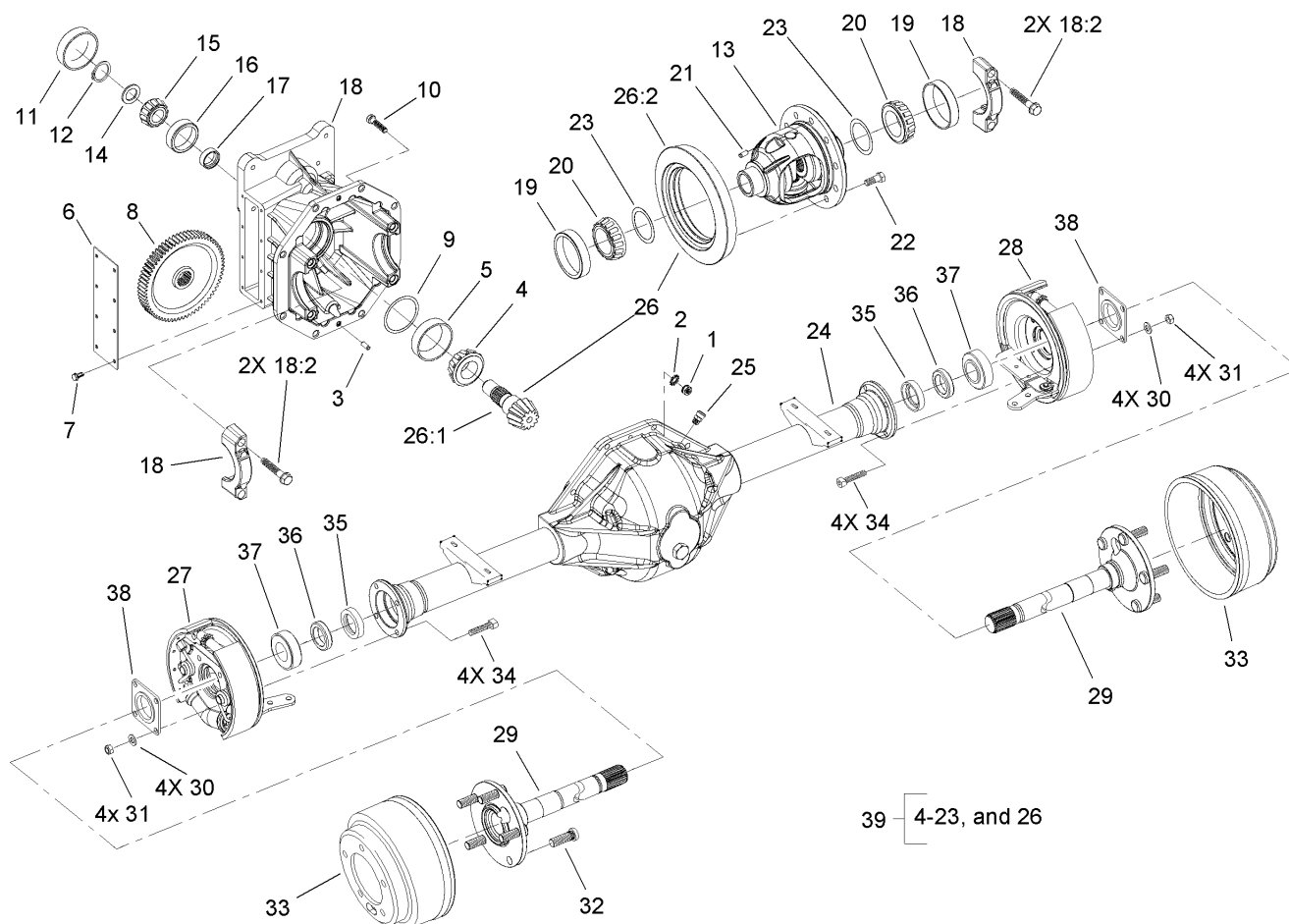
Ref	Part No.	Qty.	Description				
1	98-9772	1	Head-Filter				
2	98-9764	1	Element				
3	98-9774	1	O-Ring				
4	98-9775	1	Base-Filter				
5	98-9773	1	Plug-Base, Filter				
6	237-42	1	O-Ring				
7	237-78	1	O-Ring				
8	98-9776	1	Plug-Head, Filter				
9	98-9777	1	Drain Valve ASM				
10	285-22	2	Plug-Pipe				



Fuel Tank and Front Axle Assembly

Ref	Part No.	Qty.	Description
1	3234-11	2	Screw-HHF
2	68-9760	1	Fuel Tank Base ASM
3	21-3600	1	Foam-Tank Support
4	43-4150	1	Fuel Tank ASM
4:1	43-4190	1	Fitting ASM
4:2	43-4160	1	Fitting-Return And Vent
5	3253-3	2	Washer-Lock
6	32104-96	1	Screw-HH
7	37-9550	1	Strap-Gas Tank
8	62-7650	1	Gasket
9	3253-17	1	Washer-Lock
11	32144-53	5	Screw-SHWH
12	105-2563	1	Sender-Fuel
13	110-4109	1	Hose-Fuel
14	2412-108	2	Clamp-Worm
15	55-3572	1	Gas Cap ASM
16	22-7810	1	Spacer
17	321-6	1	Screw-HH
18	21-3610	1	Foam-Tank Support
19	2412-4	1	Clamp
20	110-4105	1	Hose-Fuel
21	3230-2	3	Bolt-CARR
22	42-6080	1	Shim-Axle
23	23-7270	10	Nut-Wheel

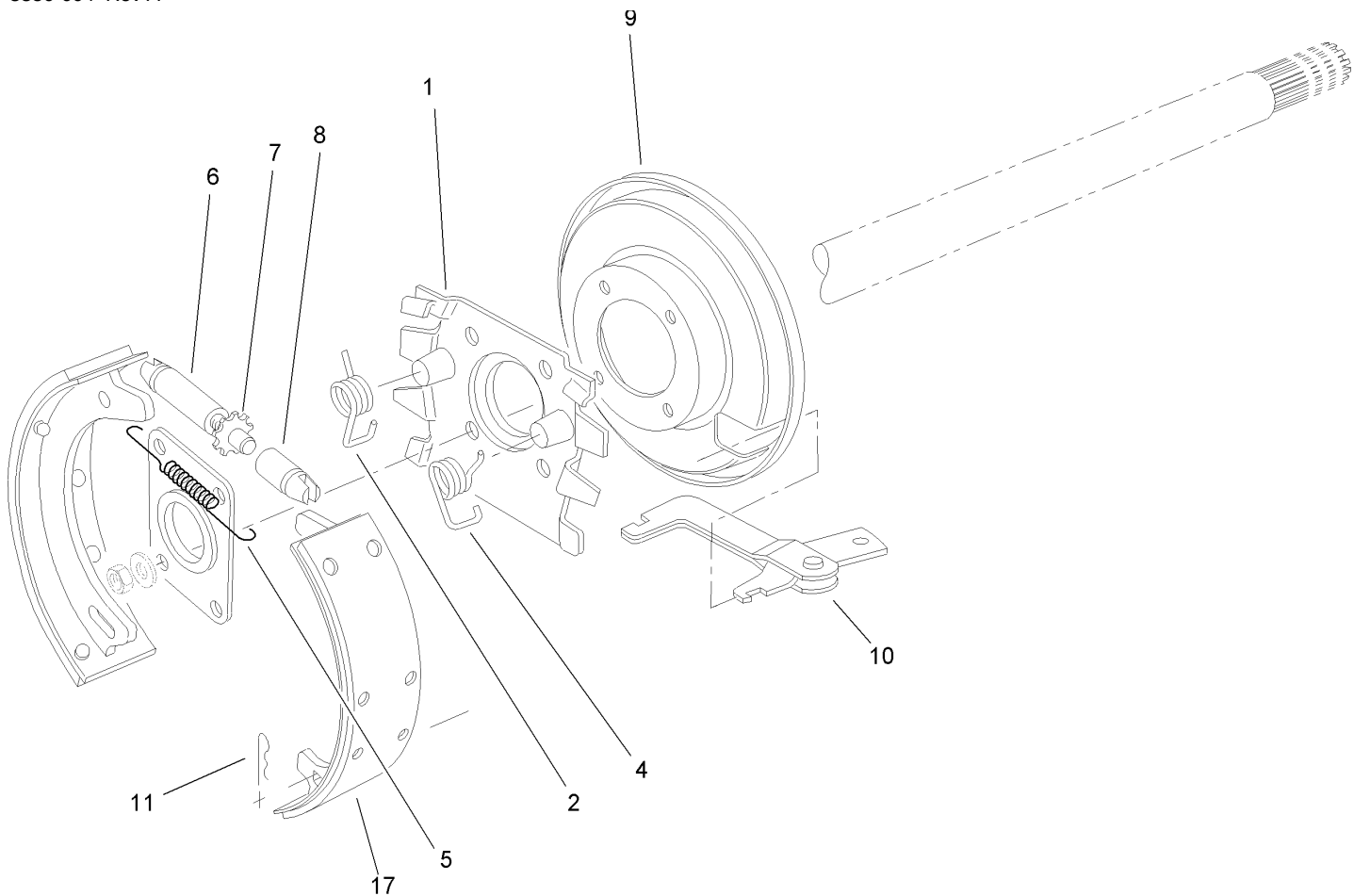
Ref	Part No.	Qty.	Description
24	32144-67	4	Screw
25	32128-20	3	Nut-HF
26		2	Wheel And Tire ASM
26:1	95-3348	1	Tire
26:2	217-117	1	Wheel
26:3	232-27	1	Stem-Valve
27	86-9600-03	1	Axle ASM
28	24-9830-01	1	Axle Support ASM
30	3219-14	1	Nut-Hex
31	323-6	1	Screw-HH
32	3256-6	2	Washer-Flat
33	3217-9	2	Nut-HH
34	3253-21	1	Washer-Lock
35	2412-80	2	Clamp-Line, Fuel
36	110-5688	1	Hose-Fuel
37	23-5180	1	Dipstick ASM
38	289-37	1	Nipple-Pipe
39	2811-9	1	Fitting-Elbow, Street
40	3290-379	1	Tie-Cable



Front Axle Assembly No. 86-9600-03

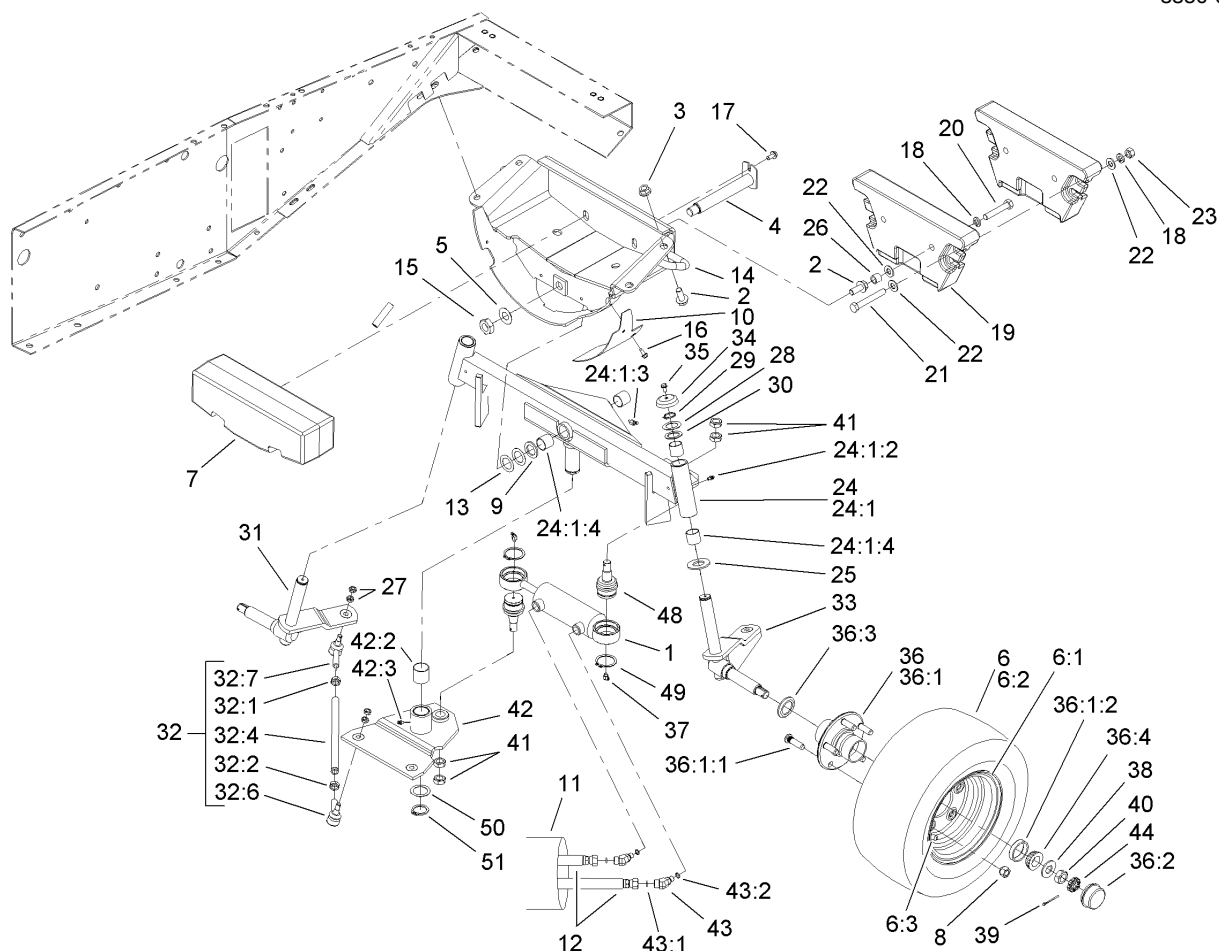
Ref	Part No.	Qty.	Description
1	3219-2	8	Nut-Hex
2	3255-8	8	Washer-Lock
3	21-8270	2	Pin-Dowel
4	43-6760	1	Bearing-Roller, Cone Taper
5	43-6750	1	Bearing-Taper, Cup
6	21-7830	1	Cover-Gear
7	32144-112	8	Screw-HWH
8	86-7230	1	Gear-Input, Transmission
9	43-6710	1	Shim-Pinion (.003)
9	43-6711	1	Shim-Pinion (.005)
9	43-6712	1	Shim-Pinion (.010)
9	43-6713	1	Shim-Pinion (.030)
10	3210-7	8	Screw-HH
11	21-7850	1	Plug-Cup
12	43-6550	1	Ring-Snap
13	110-4136	1	Differential Case ASM
14	46-2210	1	Shim-Bearing, Front
14	46-2211	1	Shim-Front Bearing, .033
14	46-2212	1	Shim-Front Bearing, .035
14	46-2213	1	Shim-Front Bearing, .037
14	46-2214	1	Shim-Front Bearing, .039
14	46-2215	1	Shim-Front Bearing, .041
14	46-2216	1	Shim-Front Bearing, .043
14	46-2220	1	Shim-Front Bearing, .045

Ref	Part No.	Qty.	Description
14	46-2221	1	Shim-Front Bearing, .047
14	46-2222	1	Shim-Front Bearing, .049
14	46-2223	1	Shim-Front Bearing, .051
14	46-2224	1	Shim-Front Bearing, .053
14	46-2225	1	Shim-Front Bearing, .055
14	46-2226	1	Shim-Front Bearing, .057
15	254-91	1	Cone-Bearing
16	254-90	1	Bearing-Cup
17	21-8020	1	Spacer-Bearing
18	86-9580	1	Upper Housing ASM
18:2	92-1773	4	Screw-HHF
19	254-66	2	Cup-Bearing, Roller
20	254-65	2	Cone-Bearing, Roller
21	32121-15	1	Pin-Roll
22	21-7770	5	Screw-Gear, Drive
23	21-8090	1	Shim-Bearing, Differential (.003)
23	21-8100	1	Shim-Bearing, Differential (.005)
23	21-8110	1	Shim-Bearing, Differential (.010)
23	21-8120	1	Shim-Bearing, Differential (.030)
24	43-6840	1	Housing-Lower
25	72-9420	1	Vent
26	92-4848	1	Gear And Pinion ASM
26:1		1	Pinion-Drive
26:2		1	Gear-Ring



Front Axle Brake Assembly

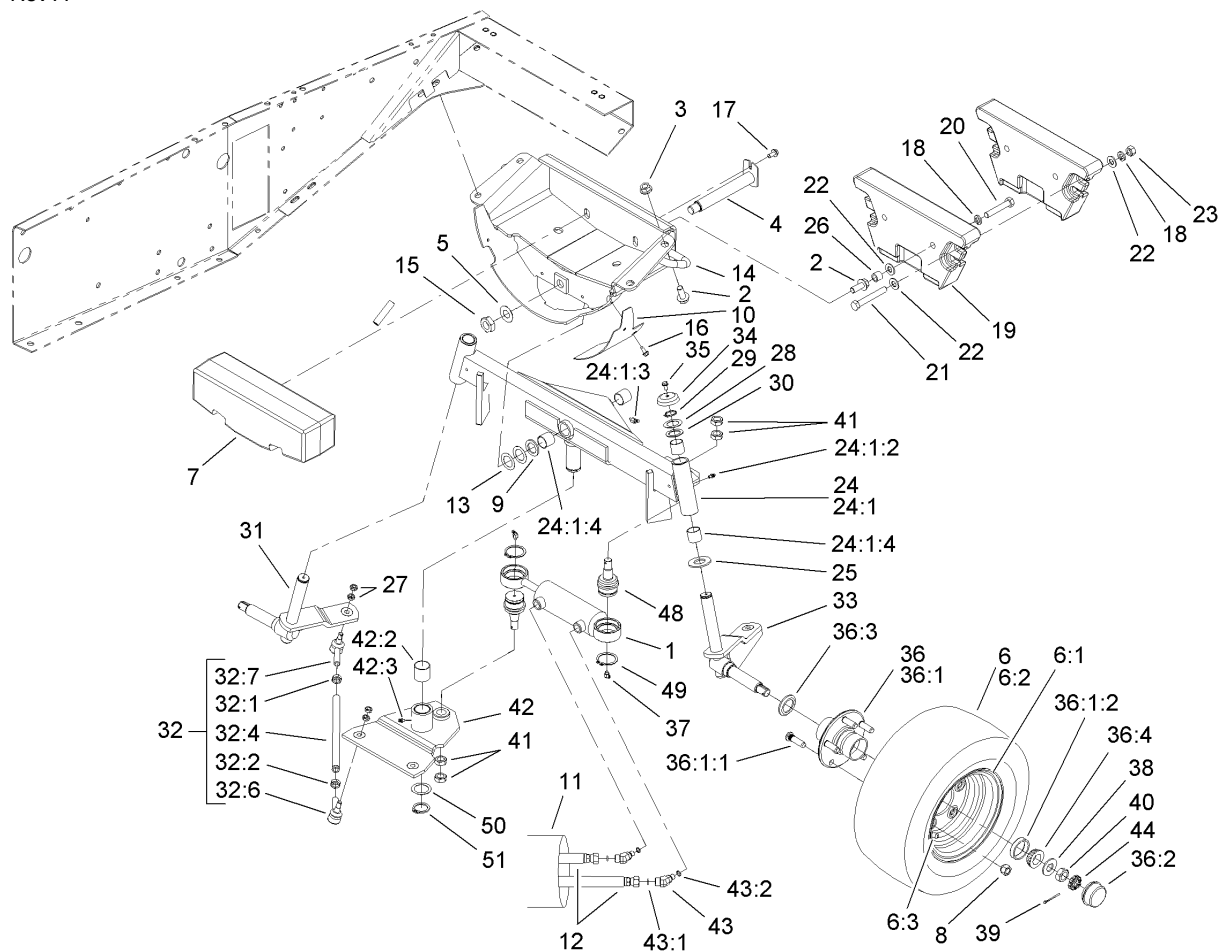
Ref	Part No.	Qty.	Description				
1	43-6810	1	Spider-Torque				
2	21-9420	1	Spring-Return, LH				
4	21-9430	1	Spring-Return, RH				
5	21-9440	1	Spring-Screw, Adjusting				
6	21-9380	1	Nut-Pivot				
7	21-9370	1	Screw-Adjusting				
8	21-9390	1	Socket-Screw, Adjusting				
9	21-9450	1	Shield-Dust				
10	24-9180	1	Strut And Lever ASM				
11	21-9460	2	Retainer-Lever, Brake				
17	84-8600	1	Set-Shoes, Lined				
18	92-8775	1	Liquid Gasket Kit				



Rear Axle Assembly

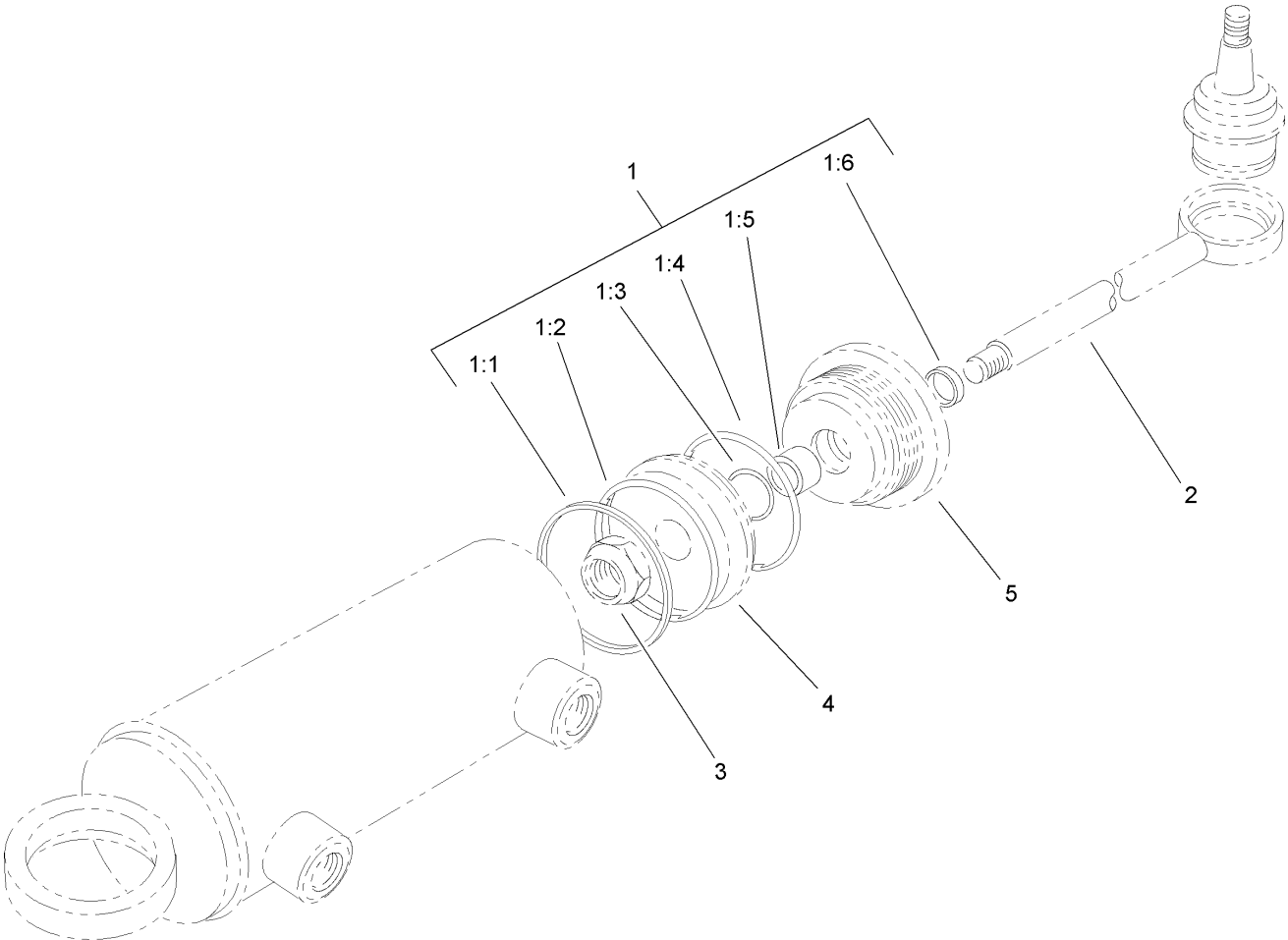
Ref	Part No.	Qty.	Description
1	92-7828	1	Cylinder-HYD
2	3234-32	6	Screw-HHF
3	32128-23	4	Nut-HF
4	92-7807-01	1	Rear Axle Pin ASM
5	71-4540	1	Washer-Thrust
26		2	Wheel And Tire ASM
6:1	217-106	1	Wheel-8 Inch
6:2	231-105	1	Tire-Ribbed
6:3	232-31	1	Stem-Valve
7	98-3869-01	1	Weight-Rear
8	242-50	10	Nut-Lug
9	92-7845	1	Spacer-Hardened
10	99-2413-01	1	Cover-Guard, Flywheel
11	56-7980	1	Sleeve-Protective
12	68-9710	2	Hose-Steering, Rear
13	56-2460	2	Washer-Flat
14	92-7803-01	1	Axle Support ASM
15	32146-20	1	Nut-Jam
16	32144-10	2	Screw-HWH
17	32144-14	1	Screw-HWHTF
18	3253-7	4	Washer-Lock
19	24-5790-01	2	Weight-Rear
20	325-11	2	Screw-HH
21	325-14	2	Screw-HH

Ref	Part No.	Qty.	Description
22	3256-26	6	Washer-Flat
23	3217-9	2	Nut-HH
24	106-8050-03	1	Rear Axle ASM
24:1		1	Axle-Rear
24:1:2	302-5	2	Fitting-Grease
24:1:3	302-11	1	Fitting-Lube, 45 DEG
24:1:4	67-1750	6	Bushing
25	256-121	2	Washer-Thrust
26	57-4230	2	Spacer-Tubular
27	3220-3	8	Nut-HJ
28	5-1226	4	Washer
29	32151-36	2	Ring-Retaining
30	10-8110	2	Washer-Thrust
31	93-3199-03	1	RH Spindle ASM
32		2	Steering Tie Rod ASM
32:1	3220-12	1	Nut-HJ (LH Thread)
32:2	3220-5-01	1	Nut-HJ
32:4	21-2000	1	Tie Rod-Steering
32:6	110-9686-03	1	LH Ball Joint ASM
32:7	110-9685-03	1	RH Ball Joint ASM
33	99-1292-03	1	LH Spindle ASM
34	66-2990	2	Cap-Spindle
35	3234-13	2	Screw-HHF
36		2	Hub ASM



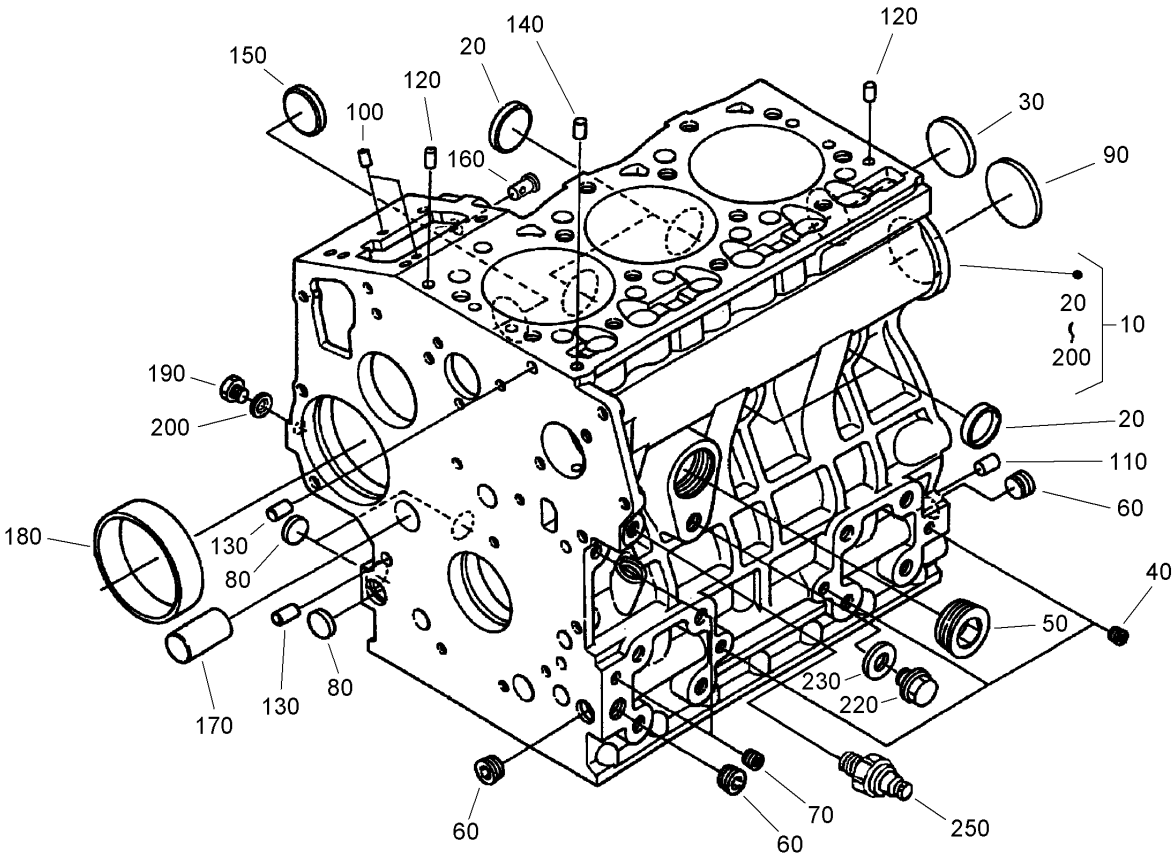
Rear Axle Assembly (continued)

Ref	Part No.	Qty.	Description				
36:1	21-2820	1	Hub				
36:1:1	10-6830	5	Stud-Type, Drive				
36:1:2	254-72	2	Bearing-Cup, Tapered				
36:2	241-119	1	Cap-Dust				
36:3	253-129	1	Seal				
36:4	254-94	2	Bearing-Cone, Tapered				
37	302-11	2	Fitting-Lube, 45 DEG				
38	93-0309	2	Washer-Tab				
39	3272-13	2	Pin-Cotter				
40	3220-7	2	Nut-Jam				
41	3220-6	4	Nut-Jam				
42	106-8052	1	Steering Pivot ASM				
42:2	76-2970	2	Bushing-Straight				
42:3	302-5	1	Fitting-Grease				
43	340-54	2	Elbow-45 DEG				
43:1	237-22	1	O-Ring				
43:2	237-78	1	O-Ring				
44	93-0307	2	Nut-Lock, Retainer				
48	106-6774	2	Joint-Ball				
49	32151-104	2	Ring-Retaining, External				
50	76-2980	1	Washer-Thrust				
51	32151-77	1	Ring-Retaining, EXT				



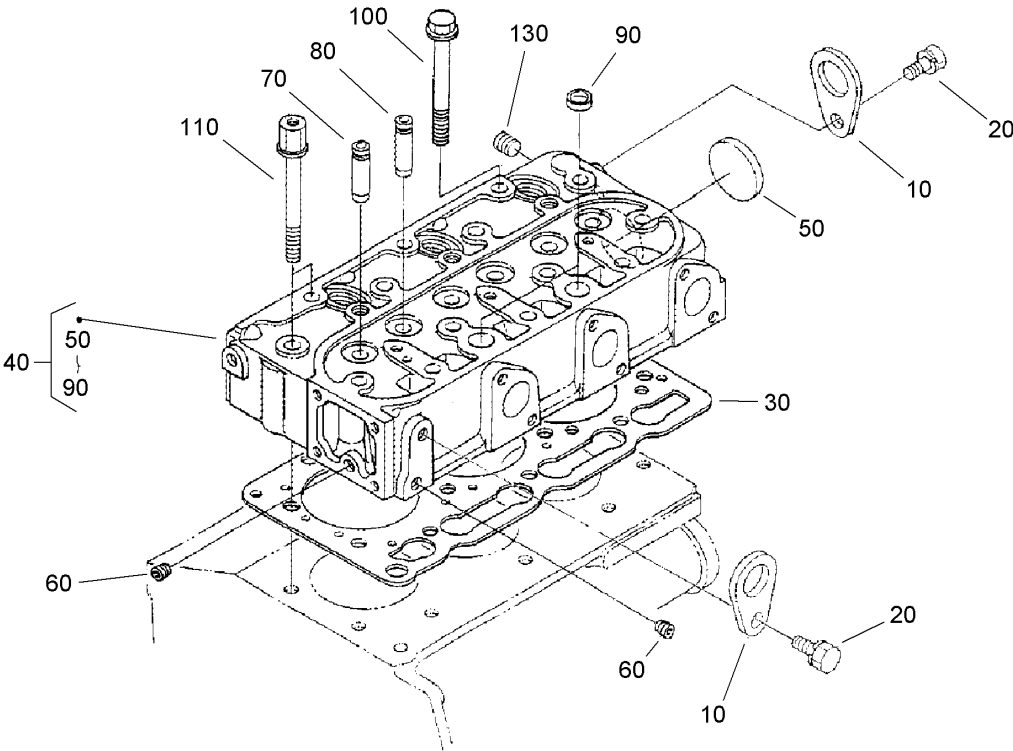
Hydraulic Cylinder Assembly No. 92-7828

Ref	Part No.	Qty.	Description				
1	92-6593	1	Seal Kit				
1:1		1	Seal				
1:2		1	O-Ring				
1:3		1	O-Ring				
1:4		1	O-Ring				
1:5		1	U-Cup				
1:6		1	Wiper				
2		1	Piston Rod ASM				
3		1	Locknut				
4		1	Piston				
5		1	Gland				



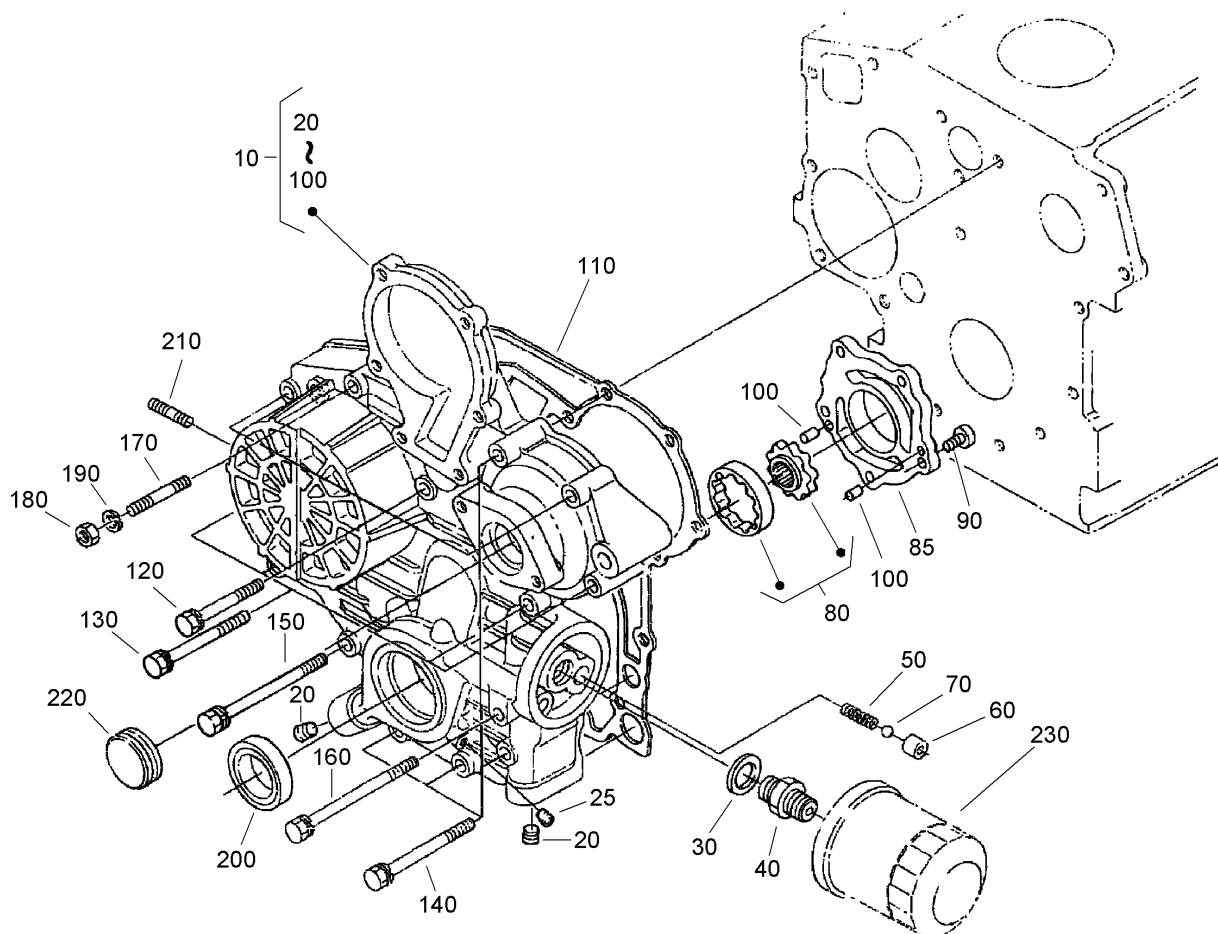
Crankcase Assembly

Ref	Part No.	Qty.	Description				
10	108-6571	1	Crankcase ASM				
20	98-9398	4	Cap-Sealing				
30	98-7539	1	Cap-Sealing				
40	98-7540	3	Plug				
50	105-3779	1	Plug				
60	98-9597	3	Plug				
70	98-7487	2	Plug				
80	98-7489	3	Plug				
90	98-9668	1	Plug				
100	98-9375	2	Pin-Straight				
110	98-9377	2	Pin-Straight				
120	105-3795	2	Pin-Straight				
130	98-9387	2	Pin-Pipe				
140	98-9539	1	Pin-Pipe				
150	98-9599	1	Plug				
160	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				
250	98-9416	1	Switch-Oil				



Cylinder Head Assembly

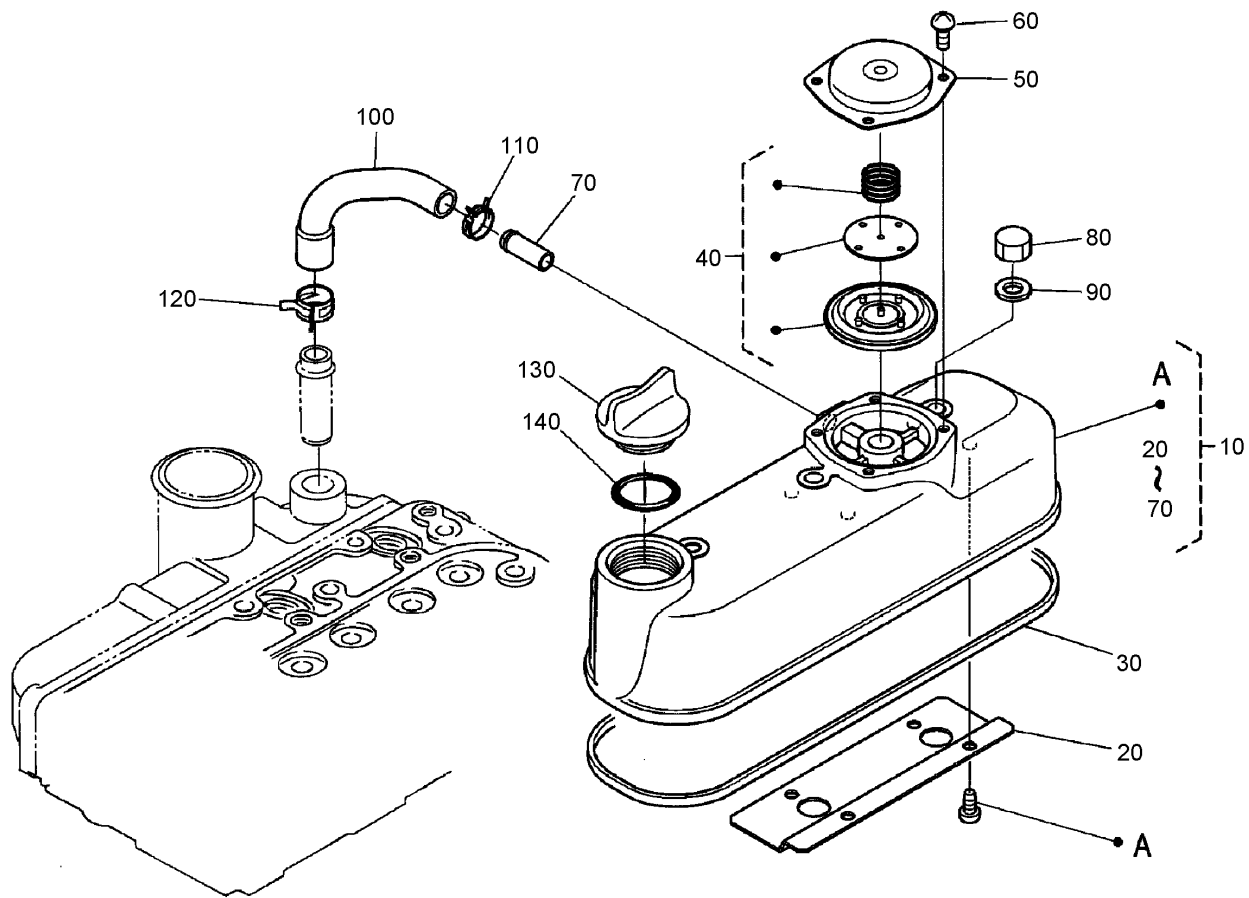
Ref	Part No.	Qty.	Description				
10	98-7531	2	Hook-Engine				
20	100-9195	2	Bolt				
30	108-6573	1	Gasket-Head, Cylinder				
40	108-6574	1	Cylinder Head ASM				
50	98-9395	1	Cap-Sealing				
60	98-7540	2	Plug				
70	107-9066	3	Guide-Valve, Inlet				
80	107-9067	3	Guide-Valve, Exhaust				
90	98-9389	2	Cap-Sealing				
100	98-9479	1	Bolt-Head, Cylinder				
110	98-9647	2	Bolt-Head, Cylinder				
130	98-9444	1	Plug				



Gear Case Assembly

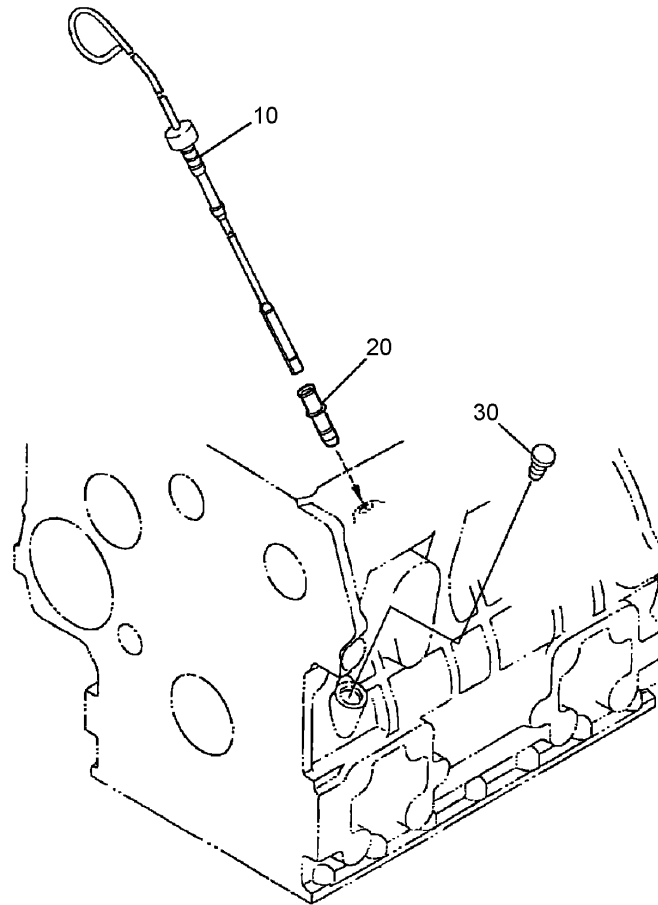
Ref	Part No.	Qty.	Description
10	107-9068	1	Gear Case ASM
20	98-9598	2	Plug
25	98-7487	1	Plug
30	98-7562	1	Washer-Plain
40	98-9388	1	Joint-Pipe
50	98-9544	1	Spring
60	98-9543	1	Seat-Valve
70	98-9380	1	Ball
80	98-9540	1	Oil Pump Rotor ASM
85	107-9069	1	Cover-Pump, Oil
90	107-9071	5	Screw
100	107-9072	2	Pin-Straight
110	98-9633	1	Gasket-Case, Gear
120	107-9073	3	Bolt
130	105-3797	4	Bolt
140	98-9356	4	Bolt
150	107-9074	1	Bolt
160	98-9586	1	Bolt
170	105-3709	1	Stud
180	98-7572	1	Nut
190	98-7699	1	Washer-Spring
200	98-9482	1	Seal-Oil
210	105-3710	2	Stud
220	98-9641	1	Cover

Ref	Part No.	Qty.	Description
230	108-3841	1	Filter-Oil



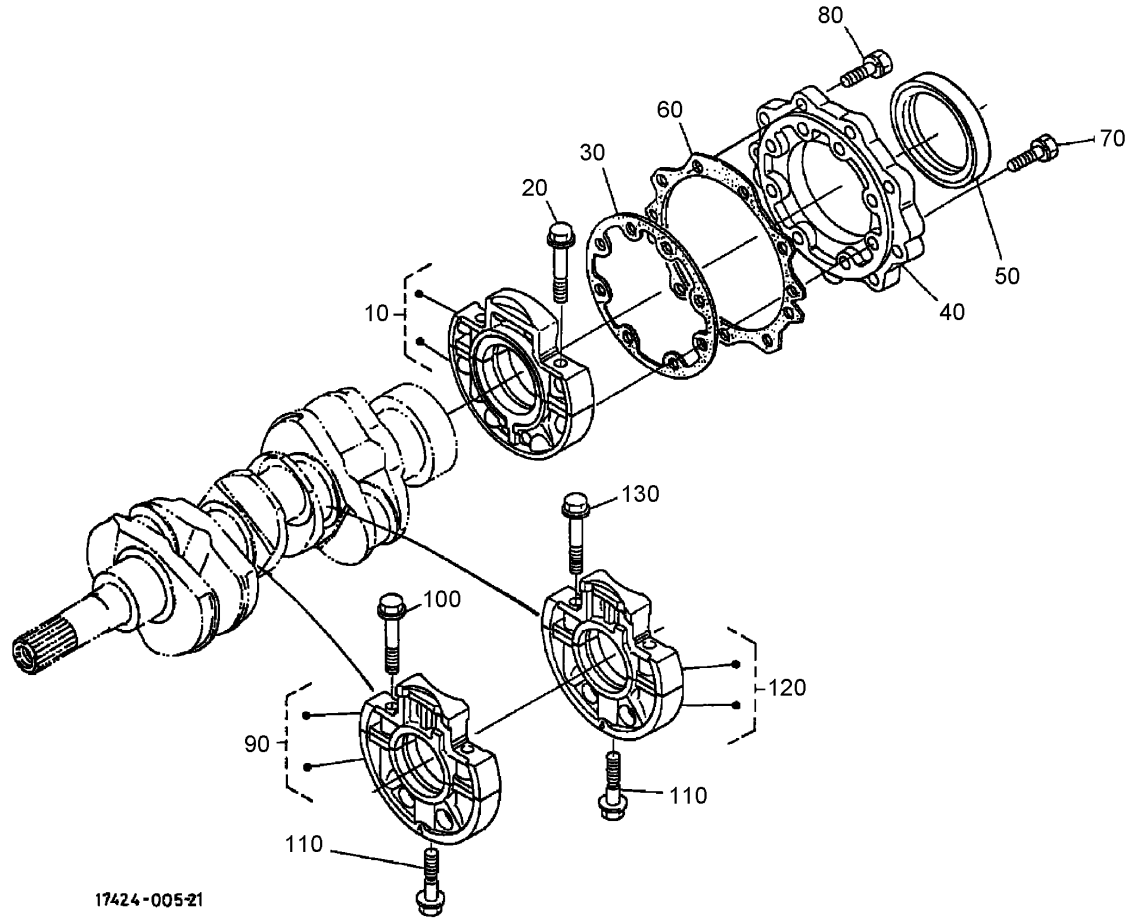
Head Cover Assembly

Ref	Part No.	Qty.	Description				
10	108-6575	1	Cylinder Head Cover ASM				
20	108-2857	1	Shield-Breather				
30	98-9615	1	Gasket-Cover, Head				
40	108-2861	1	Breather Valve ASM				
50	108-2862	1	Cover-Breather				
60	108-2863	4	Screw-PPH				
70	98-7766	1	Pipe-Return, Water				
80	98-9455	3	Nut-Cap				
90	98-9454	3	Gasket				
100	108-2858	1	Tube-Beather				
110	108-2859	1	Clamp-Hose				
120	108-2860	1	Clamp-Hose				
130	107-9075	1	Plug-Filler, Oil				
140	99-3446	1	O-Ring				



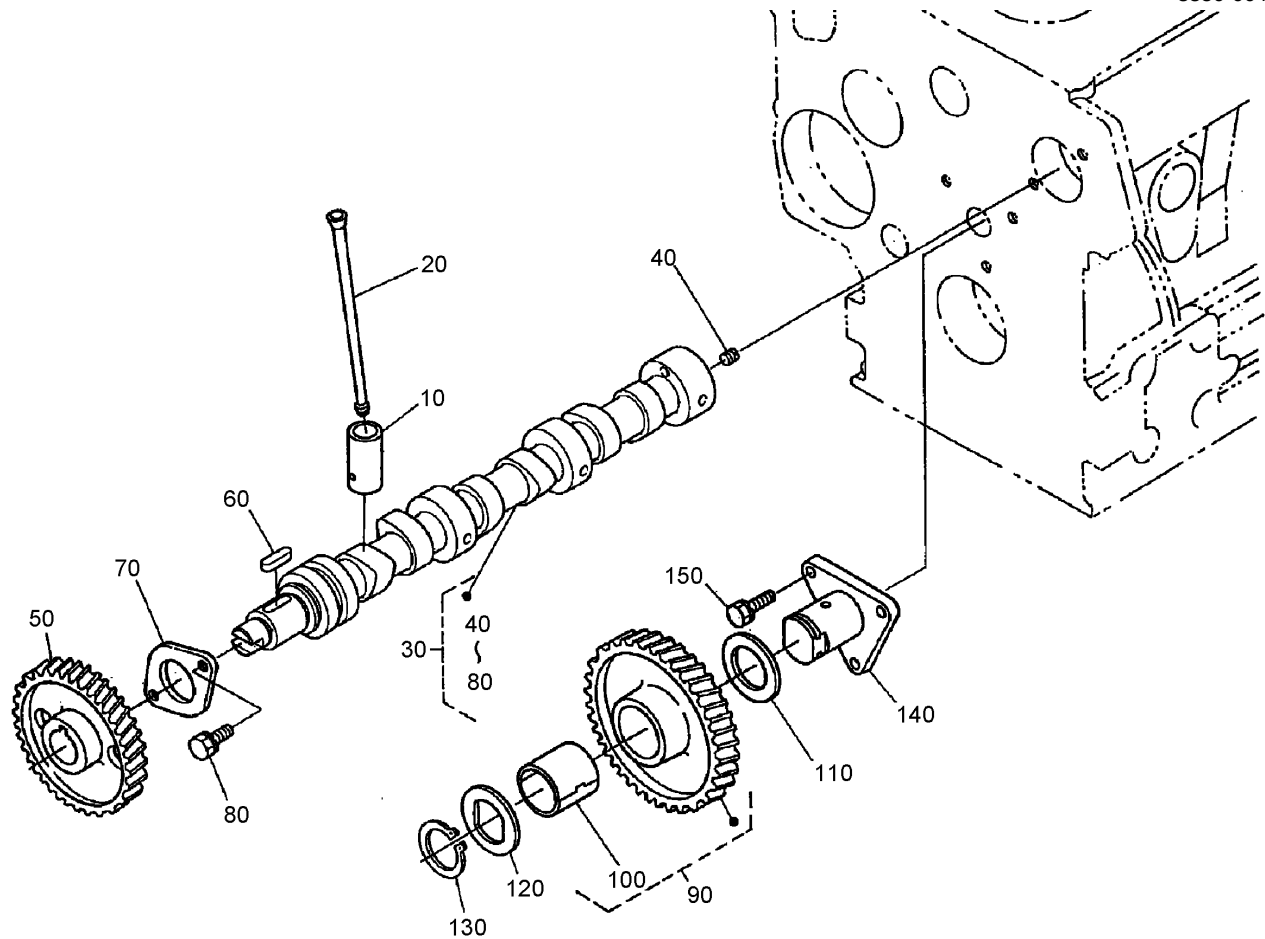
Dipstick and Guide Assembly

Ref	Part No.	Qty.	Description
10	107-9076	1	Gauge-Oil
20	105-3713	1	Guide-Gauge, Oil
30	105-3715	1	Plug-Gauge, Oil



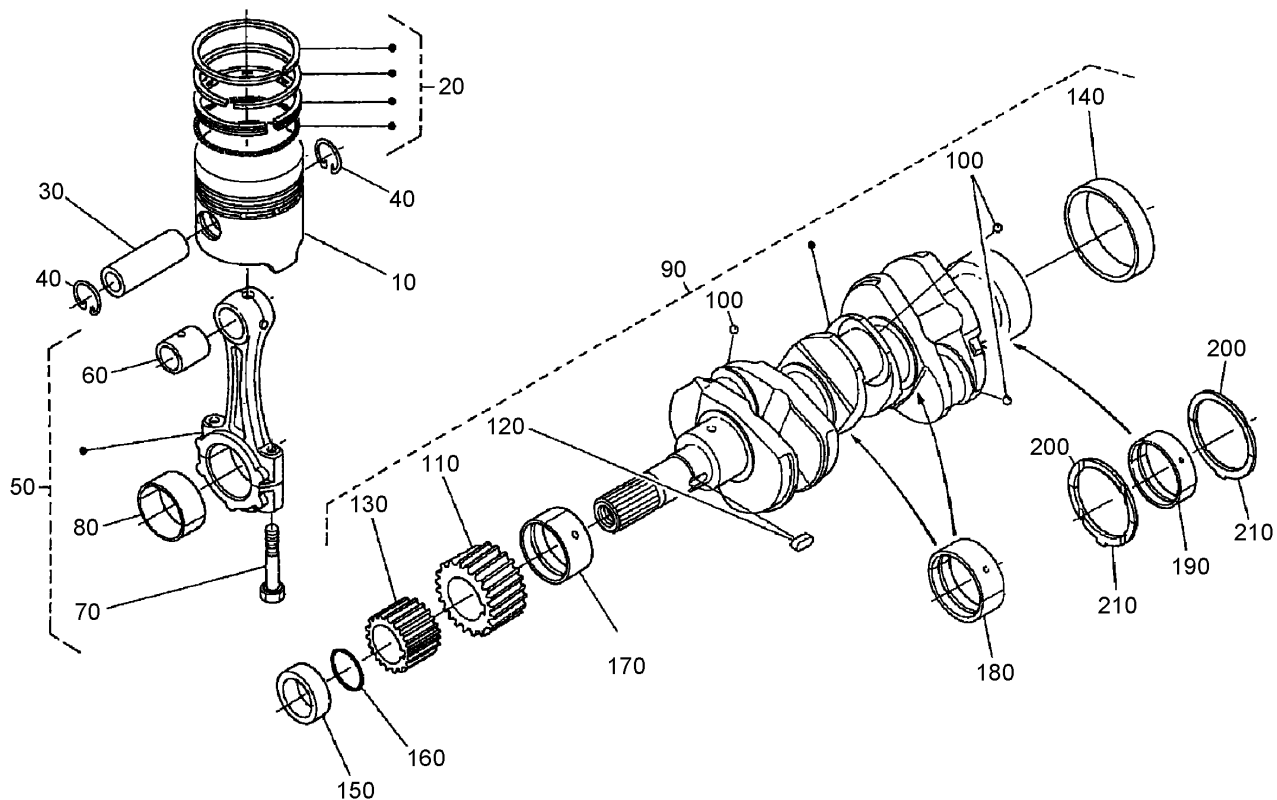
Main Bearing Case Assembly

Ref	Part No.	Qty.	Description				
10	98-9480	1	Main Bearing Case ASM				
20	98-9484	6	Bolt-Case, Bearing				
30	98-9634	1	Gasket-Case, Bearing				
40	98-9487	1	Cover-Case, Bearing				
50	98-9483	1	Seal-Oil				
60	98-9635	1	Gasket-Cover, Bearing Case				
70	98-9352	8	Bolt				
80	98-7568	9	Bolt				
90	98-9606	1	Main Bearing Case ASM				
100	98-9484	2	Bolt-Case, Bearing				
110	98-9485	2	Bolt-Case, Bearing				
120	98-9607	1	Main Bearing Case ASM				
130	98-9484	2	Bolt-Case, Bearing				



Camshaft and Idle Gear Shaft Assembly

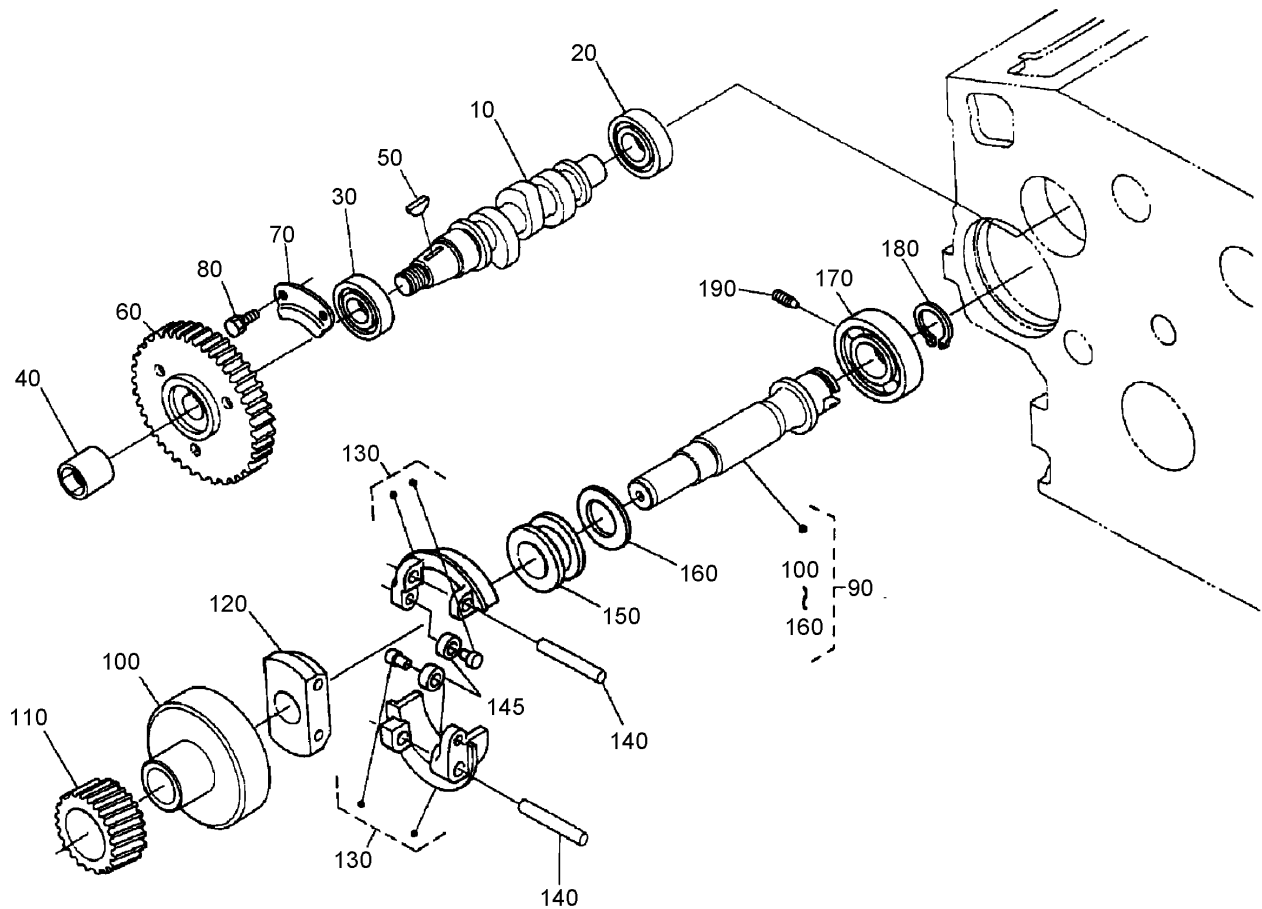
Ref	Part No.	Qty.	Description				
10	98-9616	6	Tappet				
20	98-9509	6	Rod-Push				
30	108-6576	1	Camshaft ASM				
40	98-7449	1	Screw-Set				
50	98-9512	1	Gear-Cam				
60	98-9378	1	Key-Feather				
70	98-9510	1	Stopper-Camshaft				
80	98-9351	2	Bolt				
90	98-9649	1	Idle Gear ASM				
100	98-9650	1	Bushing-Gear, Idle				
110	98-9535	1	Collar-Gear, Idle				
120	98-9536	1	Collar-Gear, Idle				
130	98-9534	1	Clip-Circular, Idle Gear				
140	98-9533	1	Shaft-Gear, Idle				
150	98-7692	3	Bolt				



Piston and Crankshaft Assembly

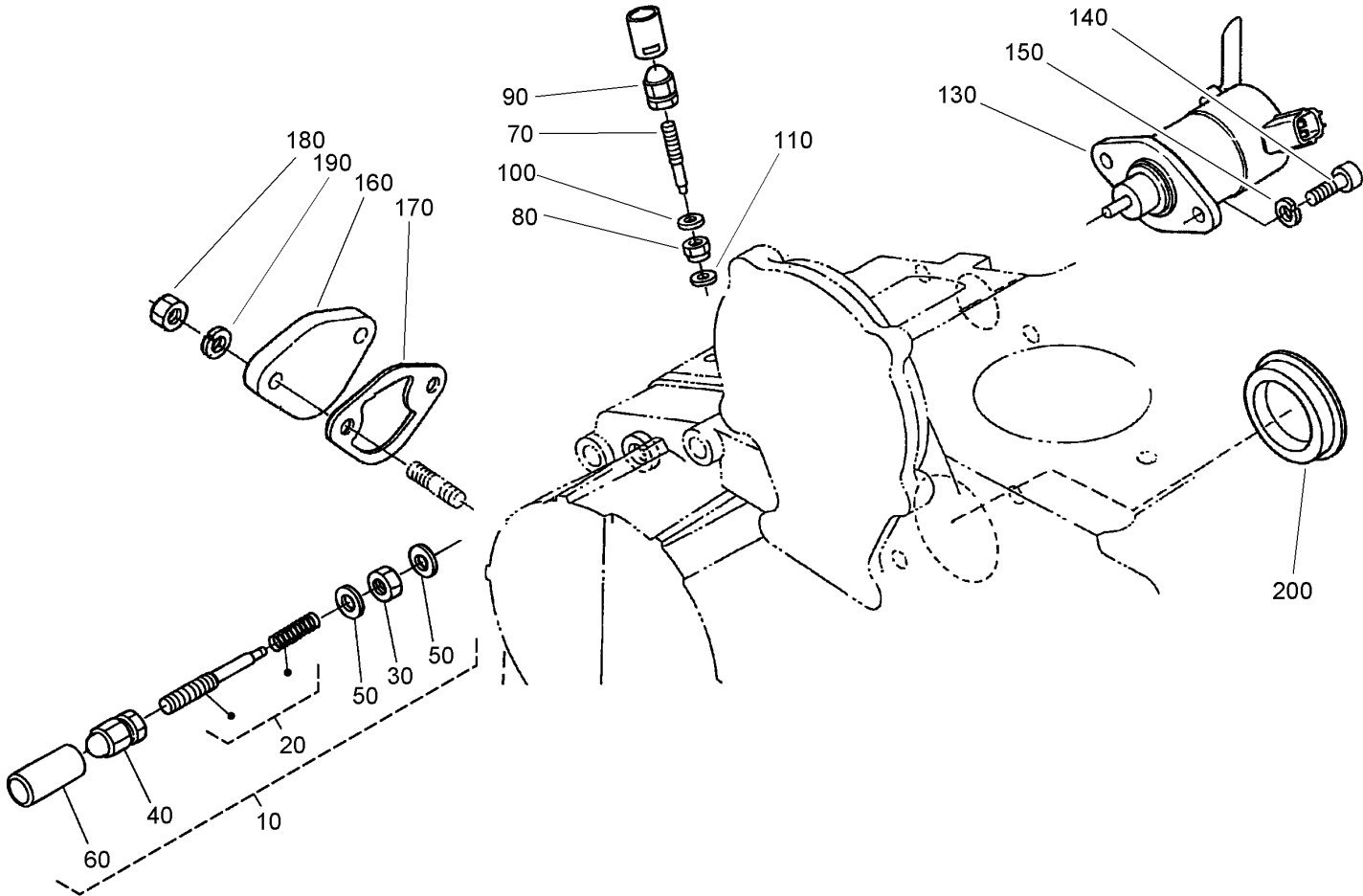
Ref	Part No.	Qty.	Description
10	98-9470	3	Piston (0.5Mm)
10	98-9469	3	Piston (STD)
20	98-9619	3	Piston Ring ASM (0.5Mm)
20	98-9618	3	Piston Ring ASM (STD)
30	98-9513	3	Pin-Piston
40	98-9514	6	Clip-Circular, Piston Pin
50	98-9516	3	Connecting Rod ASM
60	98-9515	3	Bushing-Pin, Piston
70	98-9517	6	Bolt-Rod, Connecting
80	98-9520	3	Bearing-Rod (0.4Mm)
80	98-9519	3	Bearing-Rod (0.2Mm)
80	98-9518	3	Metal-Crankpin (STD)
90	98-9642	1	Crankshaft ASM
100	98-7473	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	98-9523	1	Metal Crankshaft (STD)
170	98-9528	1	Bearing-Main (0.2Mm)
170	98-9529	1	Bearing-Main (0.4Mm)
180	98-9524	2	Metal-Crankshaft (STD Set)

Ref	Part No.	Qty.	Description
180	98-9530	2	Bearing-Main (0.2Mm)
180	98-9531	2	Bearing-Main (0.4Mm)
190	98-9556	1	Bearing-Main (STD)
190	105-3719	1	Metal-Crankshaft (.2Mm)
190	105-3720	1	Metal-Crankshaft (.4Mm)
200	98-9413	2	Bearing-Thrust (STD)
200	98-9414	2	Bearing-Thrust (0.2Mm)
200	98-9415	2	Bearing-Thrust (0.4Mm)
210	98-9688	2	Bearing-Thrust (STD)
210	98-9689	2	Bearing-Thrust (0.2Mm)
210	98-9690	2	Bearing-Thrust (0.4Mm)



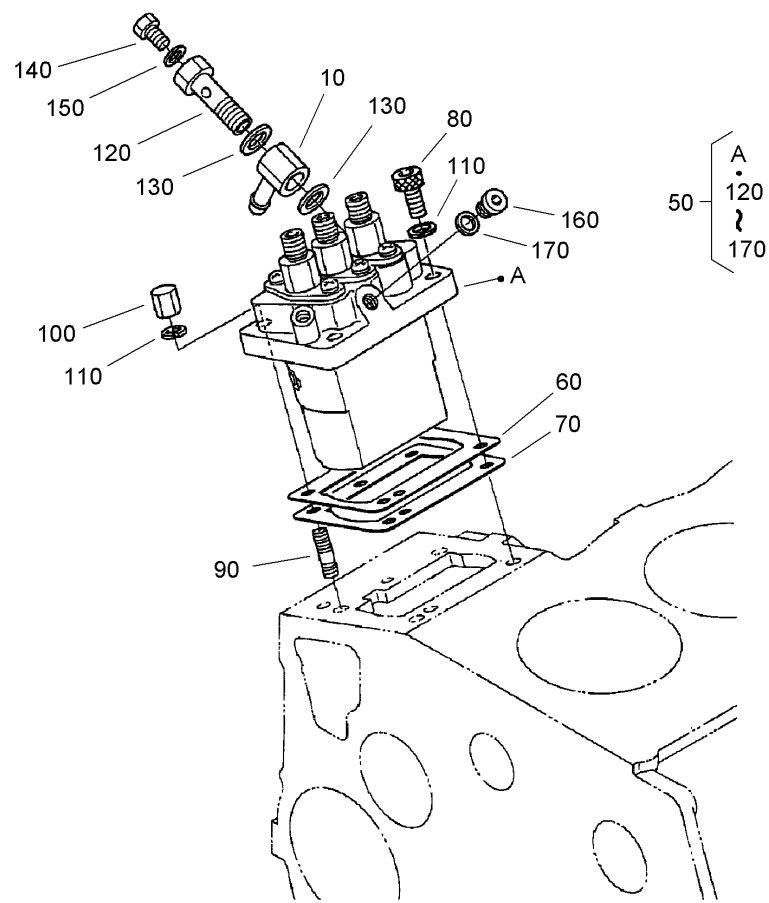
Fuel Camshaft and Governor Shaft Assembly

Ref	Part No.	Qty.	Description				
10	98-9459	1	Camshaft-Fuel				
20	107-9077	1	Bearing-Ball				
30	107-9078	1	Bearing-Ball				
40	98-9590	1	Nut-Cap				
50	98-9595	1	Key-Woodruff				
60	98-9669	1	Gear-Pump, Injection				
70	98-9511	1	Stopper-Fuel, Camshaft				
80	98-9350	2	Bolt				
90	98-9644	1	Governor Shaft ASM				
100	98-9562	1	Holder-Gear, Governor				
110	98-9673	1	Gear-Governor				
120	98-9561	1	Holder-Weight, Governor				
130	98-9559	2	Governor Weight ASM				
140	98-9560	2	Shaft-Weight, Governor				
145	98-9692	2	Roller				
150	98-9563	1	Sleeve-Governor				
160	98-9564	1	Washer-Thrust				
170	107-9079	1	Bearing-Ball				
180	98-9657	1	Clip-Circular, Governor Shaft				
190	98-9565	1	Screw-Set				



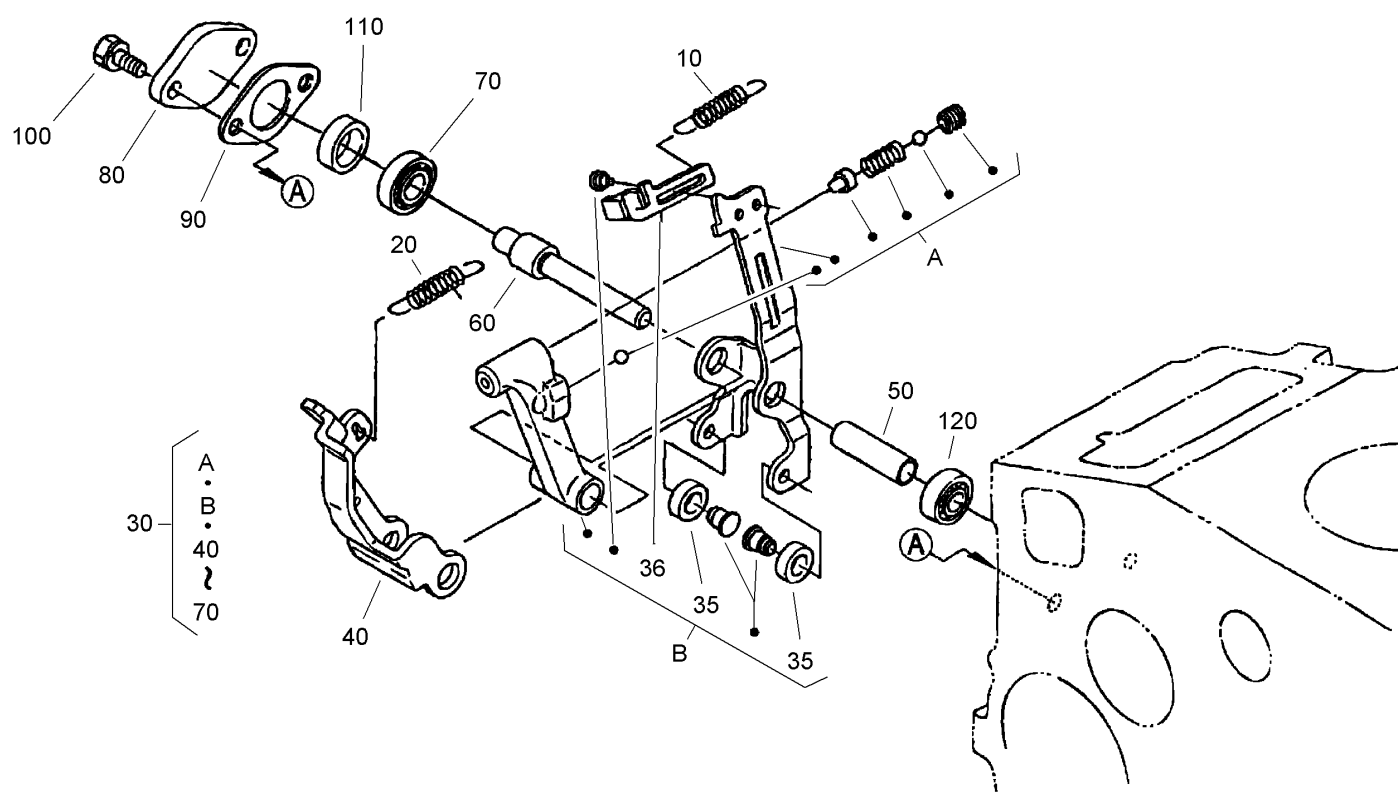
Idle Apparatus Assembly

Ref	Part No.	Qty.	Description				
10	98-9678	1	Idle Apparatus ASM				
20	98-9679	1	Adjusting Bolt ASM				
30	98-9439	1	Nut				
40	99-8387	1	Nut-Cap				
50	98-7654	2	Gasket				
60	98-7656	1	Cap				
70	98-9557	1	Bolt-Adjusting				
80	99-3512	1	Nut				
90	99-8387	1	Nut-Cap				
100	98-7654	1	Gasket				
110	107-9081	1	Gasket				
130	104-5155	1	Solenoid-Stop				
140	105-3799	2	Bolt-HSH				
150	98-7699	2	Washer-Spring				
160	99-3514	1	Cover				
170	98-9636	1	Gasket-Pump, Fuel				
180	98-7572	2	Nut				
190	98-7699	2	Washer-Spring				
200	98-9640	1	Cover-Pump				



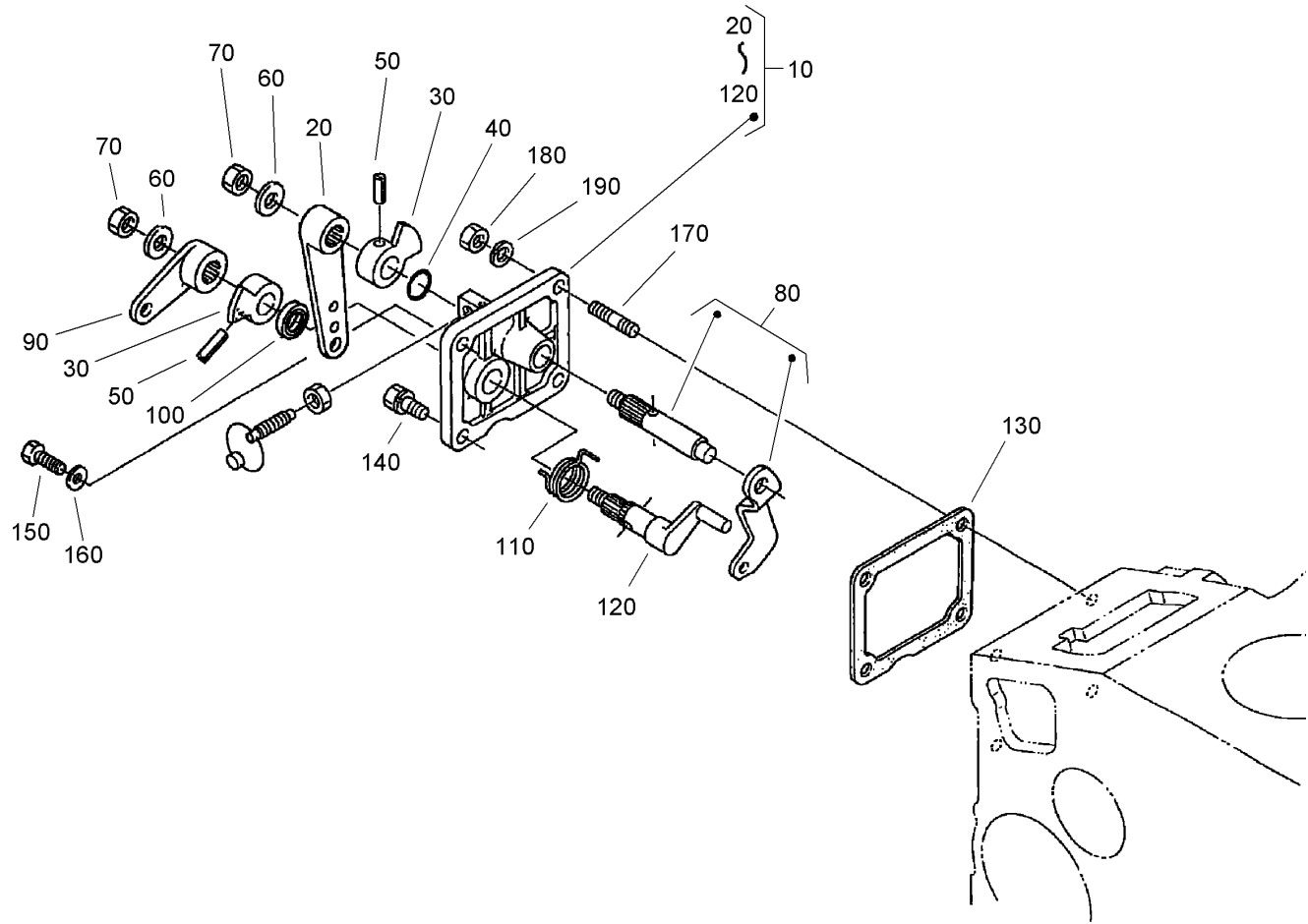
Injection Pump Assembly

Ref	Part No.	Qty.	Description				
10	98-9596	1	Joint-Eye				
50	98-9643	1	Injection Pump ASM				
60	98-9457	1	Shim-Injection (0.25Mm)				
60	98-9456	1	Shim (0.2Mm)				
70	98-9458	1	Shim-Injection (0.30Mm)				
80	98-9361	2	Bolt-HSH				
90	98-9438	2	Stud				
100	98-9440	2	Nut-Cap				
110	98-7699	4	Washer-Spring				
120	98-9464	1	Bolt-Joint				
130	98-9445	2	Gasket				
140	98-9430	1	Screw				
150	98-9446	1	Gasket				
160	98-9466	1	Plug				
170	98-9451	1	Gasket				



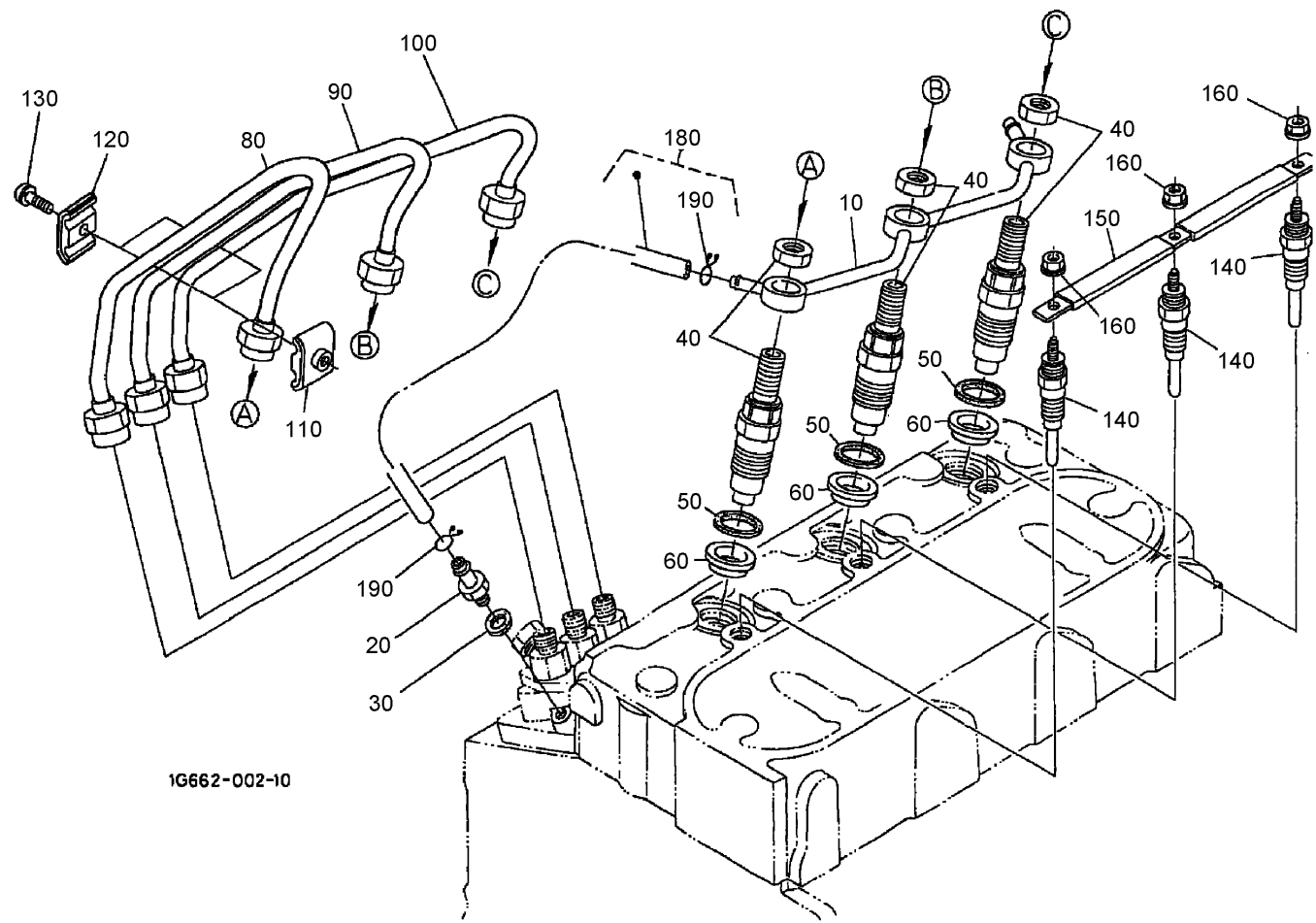
Governor Assembly

Ref	Part No.	Qty.	Description				
10	105-3786	1	Spring-Start				
20	98-9681	1	Spring-Governor				
30	107-9082	1	Fork Lever ASM				
35	98-9692	2	Roller				
36	107-9083	1	Lever-Thrust				
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	98-9351	2	Bolt				
110	98-9567	1	Collar				
120	98-9571	1	Bearing-Miniaturize				



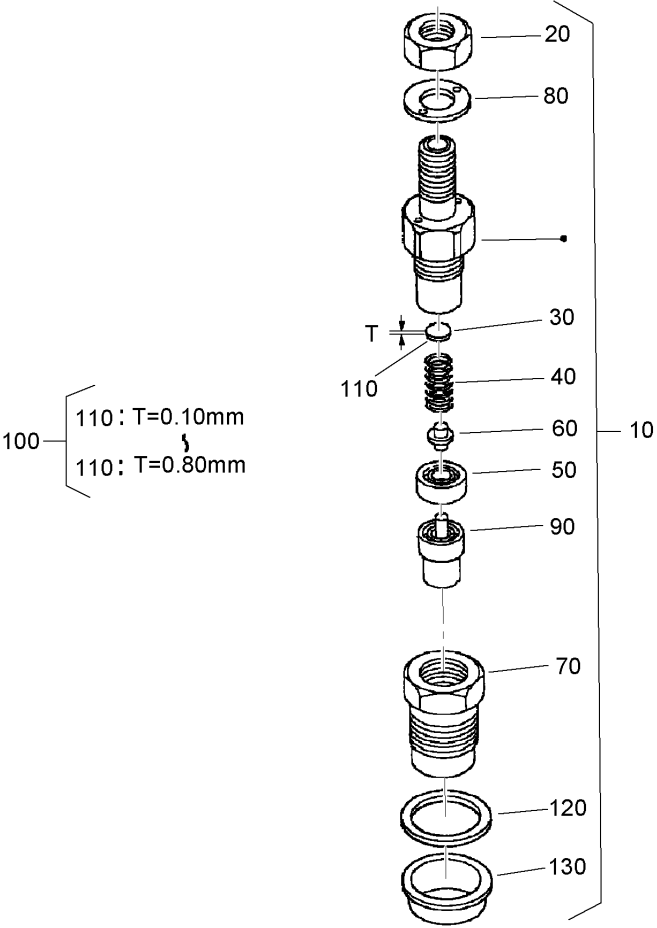
Speed Control Plate Assembly

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	2	Gasket				
170	105-3710	2	Stud				
180	98-7572	2	Nut				
190	98-7699	2	Washer-Spring				



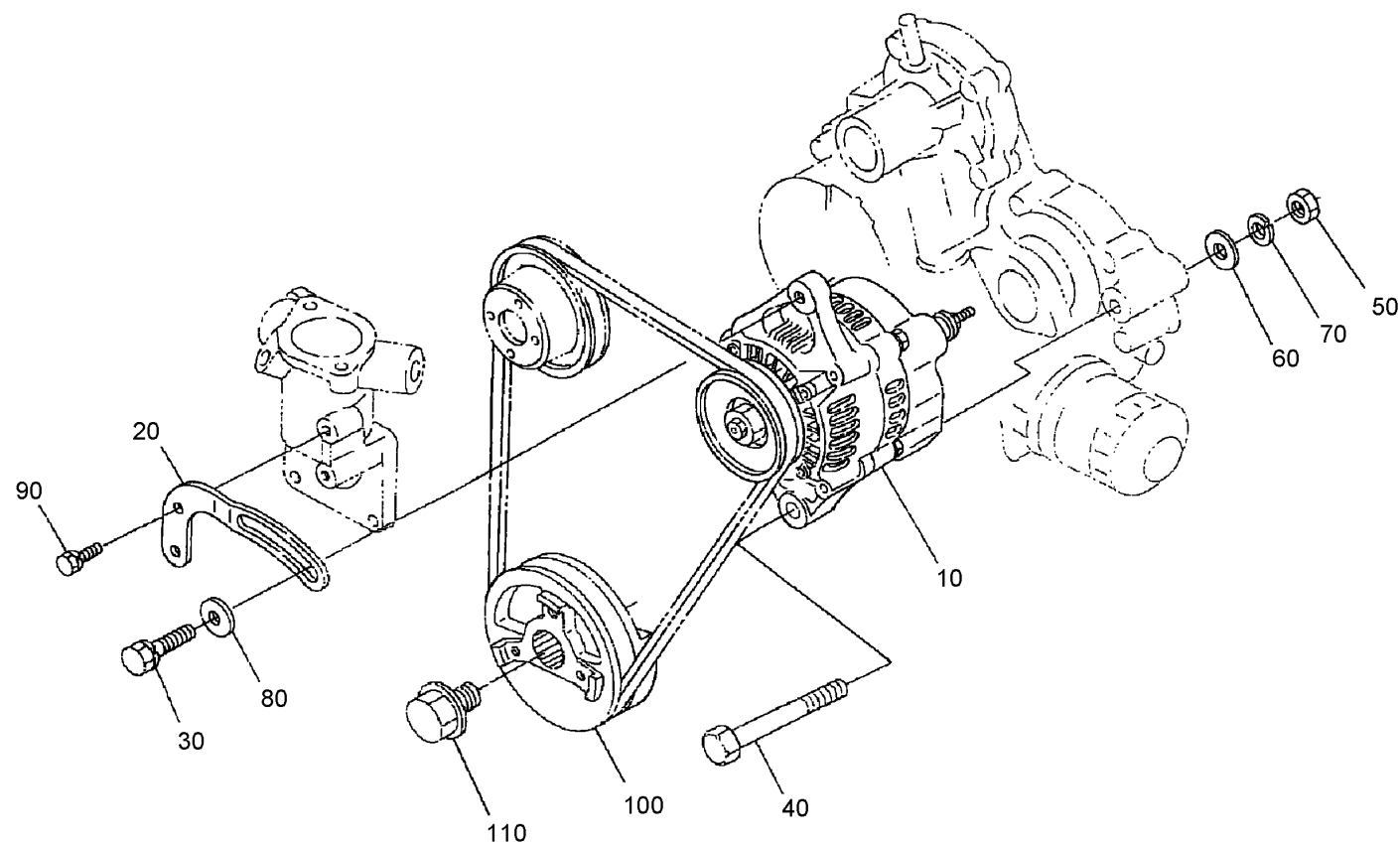
Nozzle Holder and Glow Plug Assembly

Ref	Part No.	Qty.	Description				
10	98-9620	1	Over Flow Pipe ASM				
20	98-9431	1	Screw-Bleeder				
30	98-7654	1	Gasket				
40	108-2866	3	Nozzle Holder Kit				
50	98-7676	3	Gasket				
60	98-7677	3	Seal				
80	98-9653	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	98-9695	3	Plug-Glow				
150	98-9631	3	Cord-Plug, Glow				
160	99-8377	3	Nut-Flange				
180	98-9420	1	Over Flow Pipe ASM				
190	98-7671	2	Clip-Pipe				



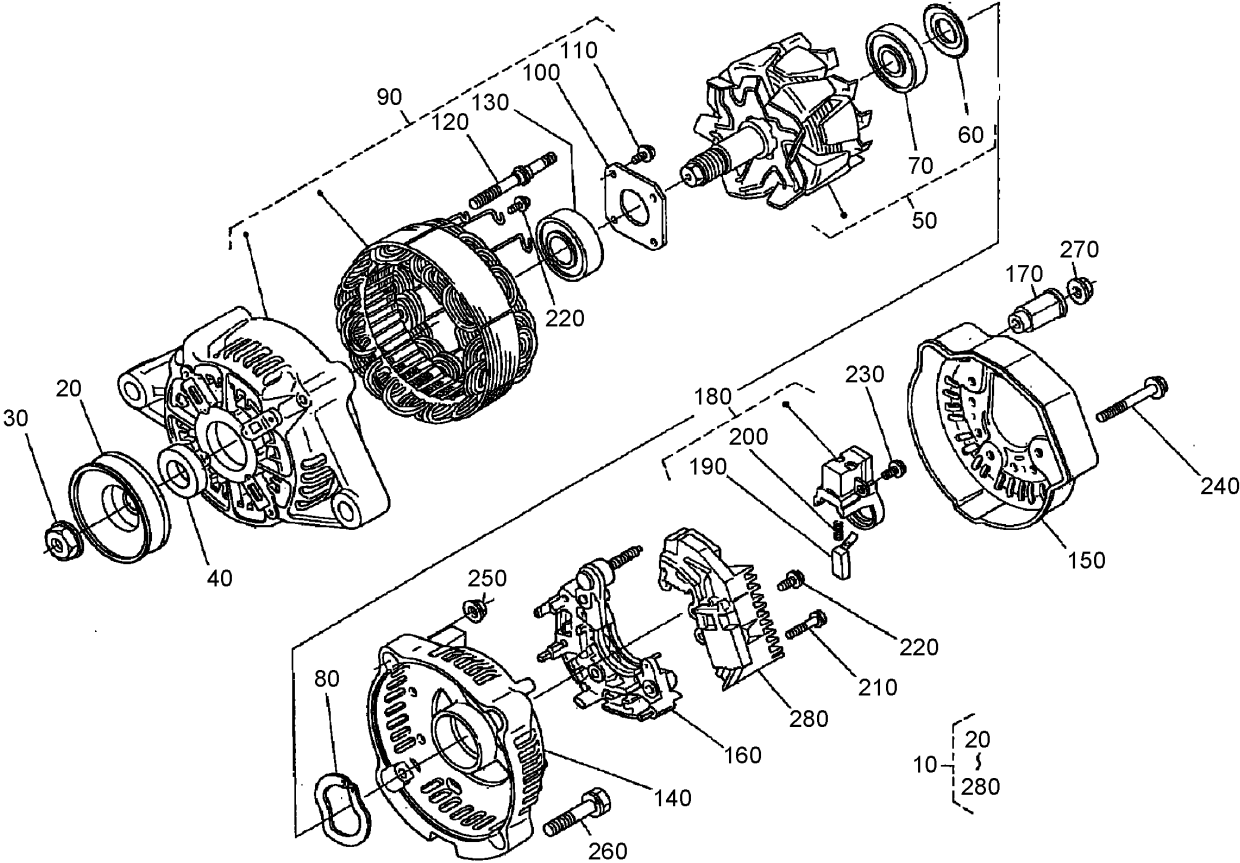
Nozzle Holder Assembly

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				



Alternator and Pulley Assembly

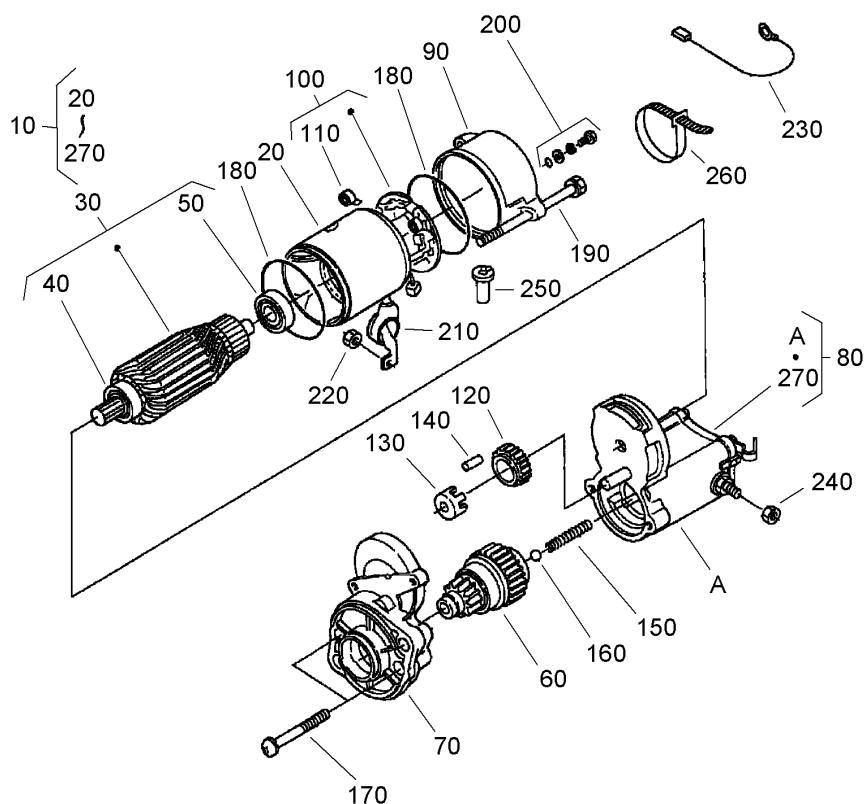
Ref	Part No.	Qty.	Description				
10	98-9474	1	Alternator ASM				
20	98-9573	1	Stay-Dynamo				
30	108-7088	1	Bolt				
40	98-9360	1	Bolt				
50	98-7737	1	Nut				
60	3256-24	1	Washer-Flat				
70	98-7738	1	Washer-Spring				
80	100-9233	1	Washer-Plain				
90	98-7692	1	Bolt				
100	98-9473	1	Pulley-Drive, Fan				
110	98-9585	1	Bolt				



Alternator (Component Part) 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
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	98-9476	1	Rectifier ASM
170	98-7722	1	Bushing-Insulation
180	107-0141	1	Holder-Brush
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

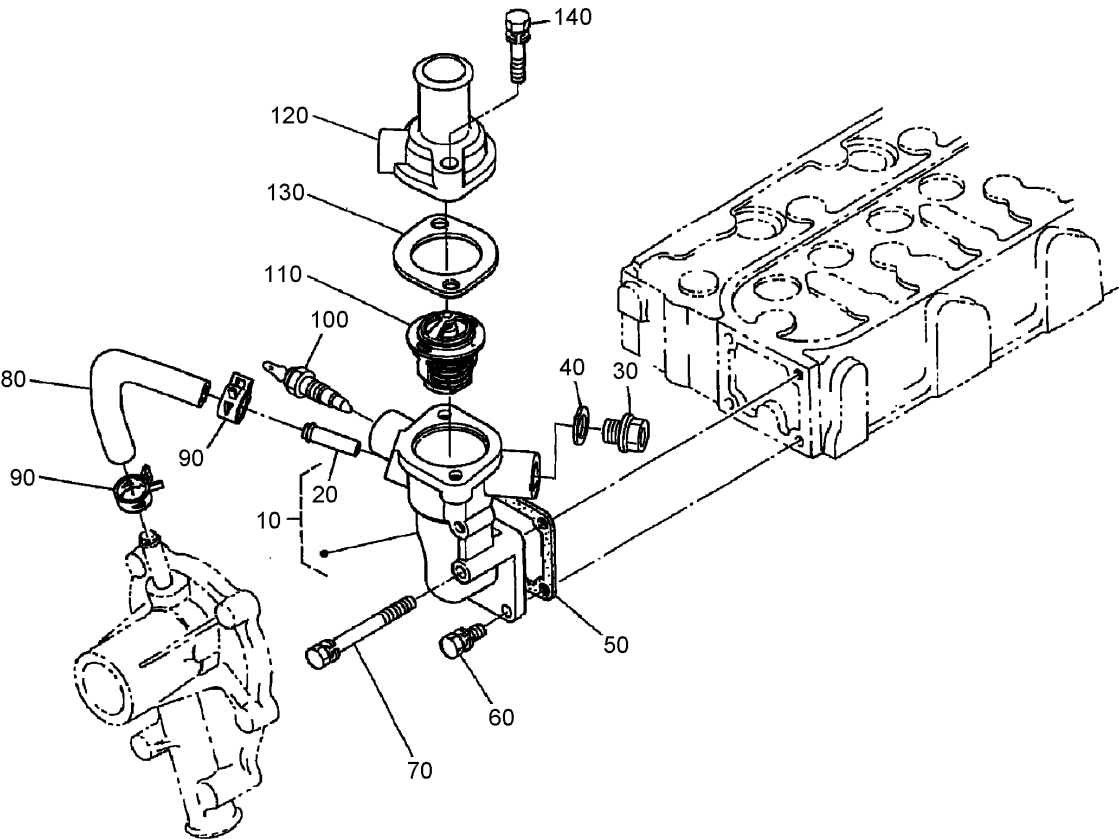
Ref	Part No.	Qty.	Description
250	98-7730	2	Nut
260	98-7731	2	Bolt
270	98-7732	1	Nut
280	107-9088	1	Regulator ASM



Starter Assembly No. 98-9705

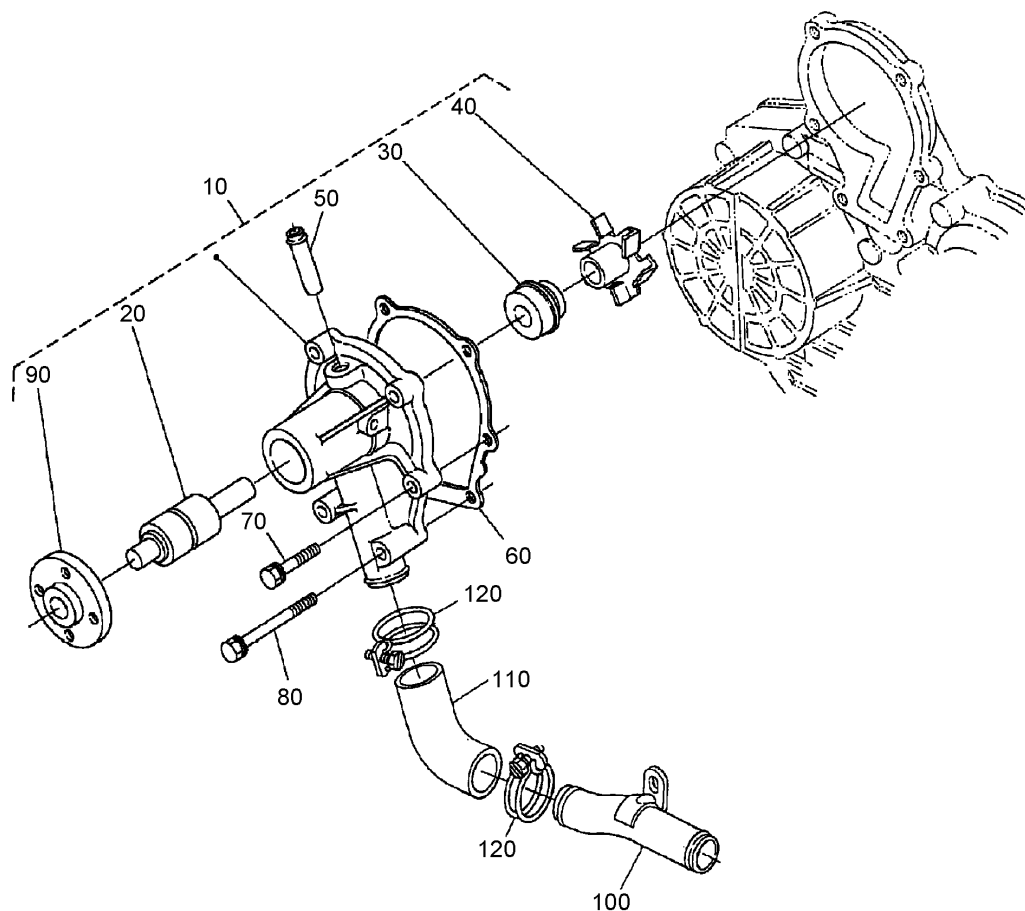
Ref	Part No.	Qty.	Description
10	98-9705	1	Starter ASM
20	104-8608	1	Yoke ASM
30	98-7742	1	Armature ASM
40	98-7744	1	Bearing
50	98-7743	1	Bearing
60	99-8373	1	Clutch-Running, Over
70	99-8374	1	Frame-End, Drive
80	105-3746	1	Magnetic Switch ASM
90	98-7748	1	Frame-End
100	98-7749	1	Brush Holder ASM
110	98-7750	4	Spring-Brush
120	98-7751	1	Gear
130	98-7752	1	Retainer
140	98-7753	5	**obs** Roller
150	98-7754	1	Spring
160	98-7755	1	Ball
170	98-7756	2	Bolt
180	98-7757	2	O-Ring
190	100-9240	2	Bolt
200	98-7758	2	Bolt ASM
210	99-8375	1	Cover
220	99-8371	1	Nut-Hex
230	98-9711	1	Cord-Solenoid, Stop
240	99-8376	1	Nut-Hex

Ref	Part No.	Qty.	Description
250	98-7759	1	Pipe-Drain
260	98-9712	1	Band-Cover
270	105-2886	1	Cover ASM



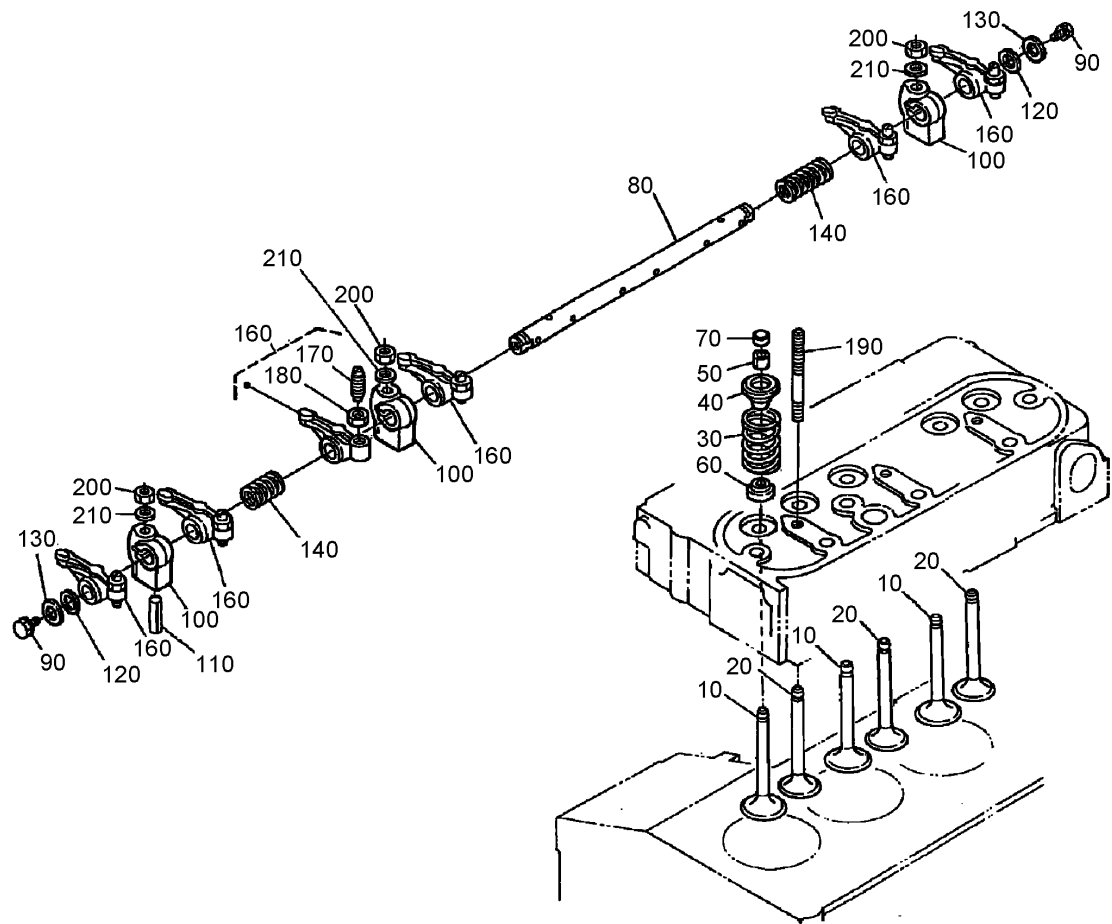
Water Flange and Thermostat Assembly

Ref	Part No.	Qty.	Description				
10	98-9713	1	Water Flange ASM				
20	98-9580	1	Pipe-Return, Water				
30	105-3747	1	Plug				
40	99-3583	1	Packing				
50	98-9638	1	Gasket-Flange, Water				
60	98-7692	3	Bolt				
70	98-9356	1	Bolt				
80	98-9578	1	Pipe-Return, Water				
90	98-9579	2	Band-Pipe				
100	98-9719	1	Thermoswitch				
110	98-7778	1	Thermostat ASM				
120	98-9471	1	Cover-Thermostat				
130	105-3748	1	Gasket-Thermostat				
140	98-7777	2	Bolt				



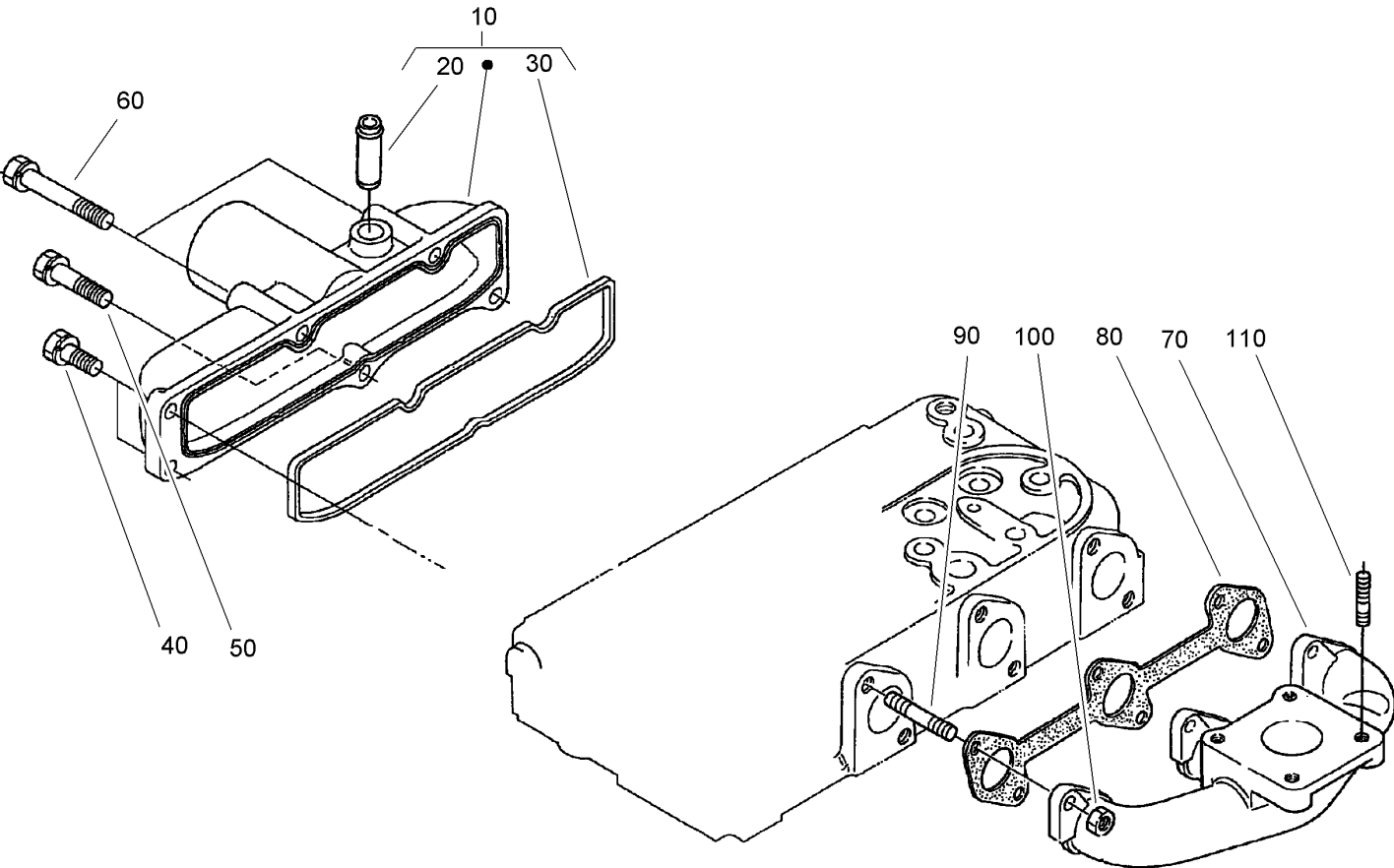
Water Pump and Pipe Assembly

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	99-3519	1	Impeller-Pump, Water				
50	98-9577	1	Pipe-Return, Water				
60	99-3454	1	Gasket-Pump, Water				
70	98-9353	4	Bolt				
80	107-9090	2	Bolt				
90	99-3516	4	Flange-Pump, Water				
100	98-9716	1	Pipe-Water				
110	107-9091	1	Pipe-Water				
120	98-9717	2	Clamp				



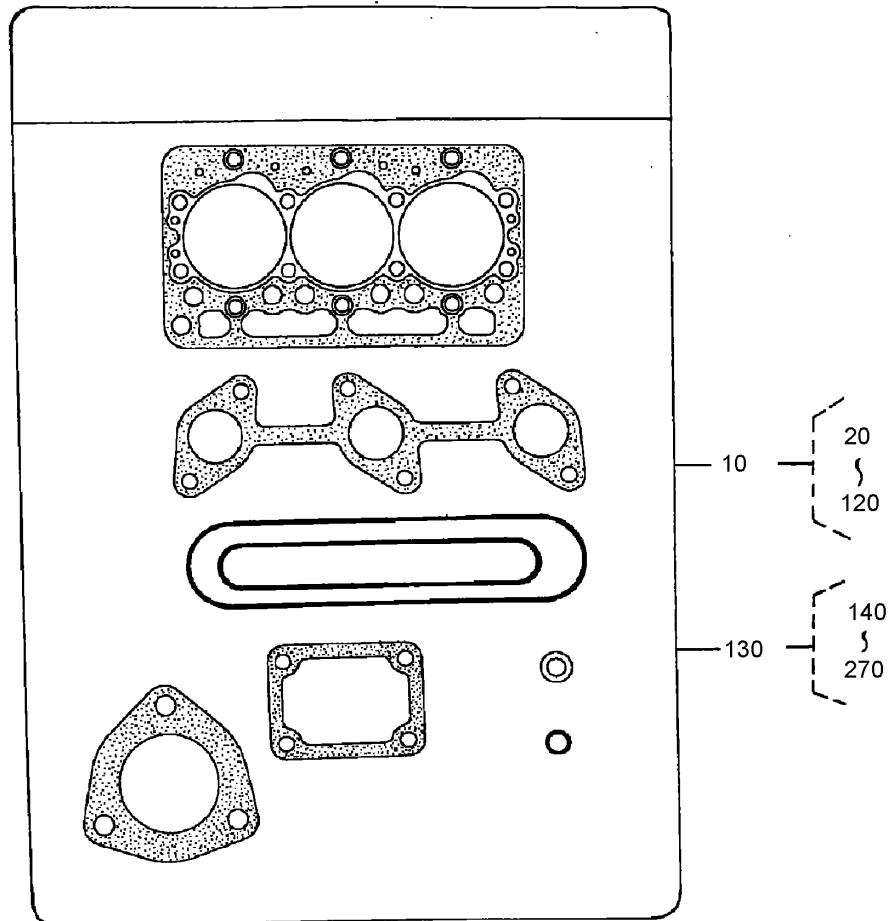
Valve and Rocker Arm Assembly

Ref	Part No.	Qty.	Description				
10	98-9494	3	Valve-Inlet				
20	98-9495	3	Valve-Exhaust				
30	98-9648	6	Spring-Valve				
40	107-9092	6	Retainer-Spring				
50	98-9390	6	Collet-Set, Valve Spring				
60	99-8385	6	Seat-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	3256-1	2	Washer-Flat				
140	98-9504	2	Spring-Arm, Rocker				
160	98-9501	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				



Inlet Manifold Assembly

Ref	Part No.	Qty.	Description				
10	108-6577	1	Inlet Manifold ASM				
20	98-9492	1	Joint-Pipe, Breather				
30	98-9609	1	Gasket				
40	98-7605	3	Bolt				
50	98-9353	1	Bolt				
60	105-3797	2	Bolt				
70	107-9093	1	Manifold-Exhaust				
80	98-9610	1	Gasket				
90	98-9588	6	Stud				
100	98-9665	6	Nut				
110	98-7769	4	Stud				



Gasket Assembly

Ref	Part No.	Qty.	Description
10	107-7848	1	Upper Gasket Kit
130	107-9095	1	Lower Gasket Kit

Attachments and Accessories

For 30630 - Groundsmaster 328-D Traction Unit

Product Name	Model/Part
Jack Pad Kit	106-4386
2-Wheel Drive Rear Axle Kit	106-8060
Premium Engine Oil, 10w30 (Drum)	108-1179
Premium Engine Oil, 10w30 (Pail)	108-1180
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
Premium All Purpose Grease	108-1190
Tire Chains (23 x 8.50-12)	11-0390
Wheel Weight Kit	11-0440
Tube-Inner (23 x 8.50-12)	231-90
Rear Weight Kit	24-5780
Weight-Rear	24-5790-01
Standard Seat Kit	30623
Deluxe Seat Kit	30625
Seat Adapter Kit	30628
Cruise Control Kit	30677
Arm Rest Kit	30707
72 Inch Rear Discharge Mower	30710
72 Inch Guardian Recycler Mower	30716
72 Inch Side Discharge Mower	30722
Rotary Broom	30743
48 Inch V-Plow	30750
48 Inch V-Plow Mounting Kit	30757
Debris Blower	30855
Wide Wheel And 4-Ply Tire ASM	62-7020
Wheel And 6-Ply Tire ASM	69-9870
Spark Arrestor Screen	75-6880

