



Count on it.

Form No. 3360-772 Rev E

Parts Catalog

Groundsmaster® 328-D

Traction Unit

Model No. 30626—Serial No. 290000001 and Up

Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

Reference Numbers Indicating Quantity

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

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

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

LP: Liquid Propane

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

TTH: torx truss head

Contents

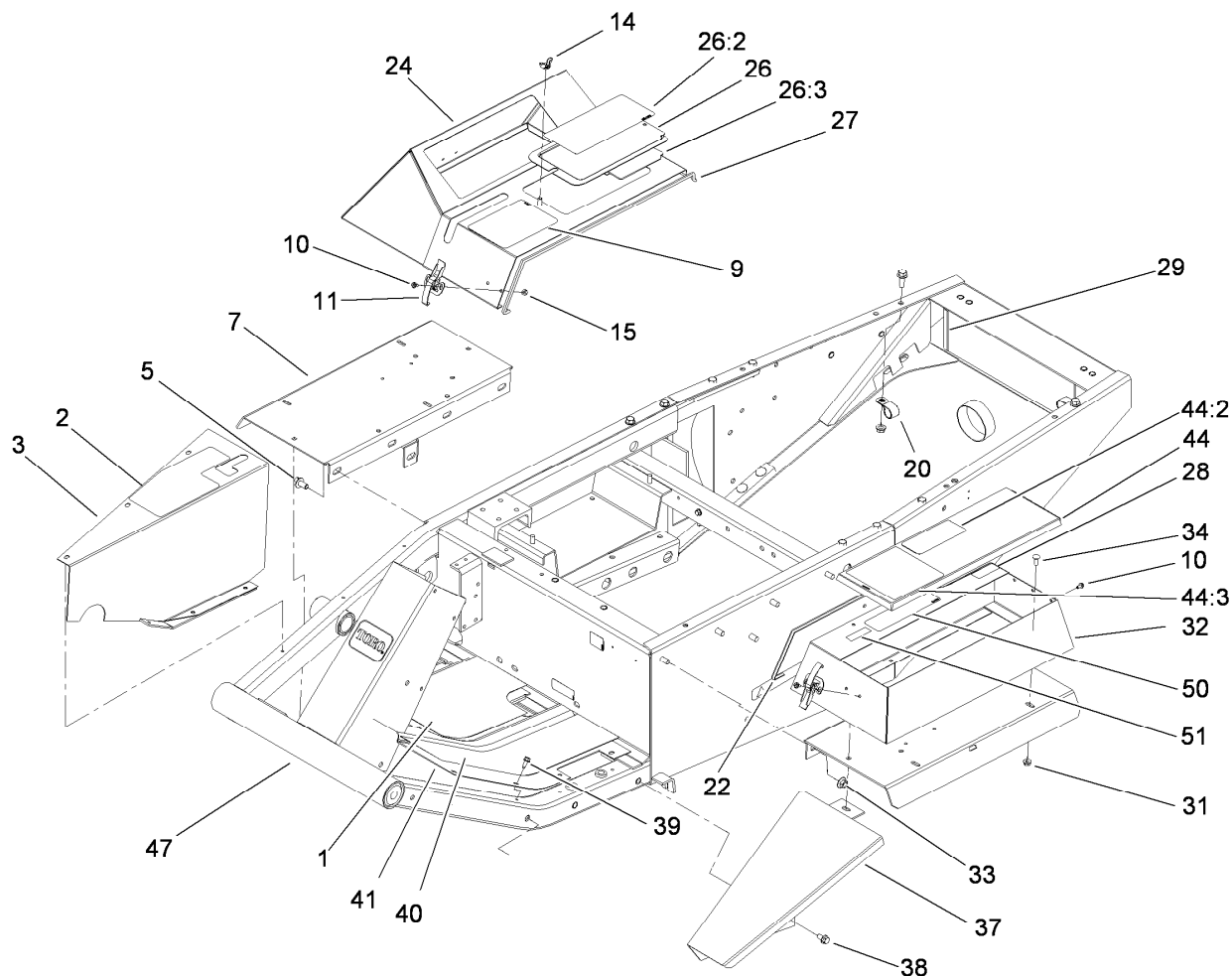
Frame Assembly.....	5
Frame Assembly No. 98-3879.....	6
Control Panel and Battery Assembly.....	7
Brake Pedal Assembly.....	8
Traction Pedal Assembly.....	9
Power Steering Assembly.....	10
Steer Valve and Column Assembly No. 108-6557.....	11
Engine Installation Assembly.....	12
Engine Mounting and Component Assembly.....	13
Engine Pulley System Assembly.....	15
Fan Support Assembly No. 106-4399.....	16
Power-Take-Off and Shaft Assembly.....	17
Power-Take-Off Assembly.....	18
Valve and Cylinder Assembly.....	19
Hydraulic Cylinder Assembly No. 100-6586 (2-1/2in Bore).....	20
Hydraulic Cylinder Assembly No. 100-6591 (3in Bore) (Optional).....	21
Valve Assembly No. 106-8071-01.....	22
Radiator and Hood Assembly.....	23
Hydrostatic Transmission Assembly.....	25
Transmission Pump Assembly.....	26
Transmission Motor Assembly.....	28
Neutral Centering Device Assembly.....	29
Push Arm and Roll-Over Protection System Assembly.....	30
Fuel Filter Assembly.....	31
Fuel Tank and Front Axle Assembly.....	32
Front Axle Assembly No. 86-9600-03.....	33
Differential Case Assembly No. 110-4136.....	35
Front Axle Brake Assembly.....	36
Rear Axle Assembly.....	37
Hydraulic Cylinder Assembly No. 115-4524.....	39
Crankcase Assembly.....	40
Oil Pan Assembly.....	41
Cylinder Head Assembly.....	42
Gear Case Assembly.....	43
Cylinder Head Cover Assembly.....	44
Dipstick and Guide Assembly.....	45
Main Bearing Case Assembly.....	46
Cam Shaft and Idle Gear Assembly.....	47
Piston and Crankshaft Assembly.....	48
Flywheel Assembly.....	49
Fuel Camshaft and Governor Shaft Assembly.....	50
Idle Apparatus and Stop Solenoid Assembly.....	51
Injection Pump Assembly.....	52
Governor Assembly.....	53
Speed Control Plate Assembly.....	54
Nozzle Holder and Glow Plug Assembly.....	55
Nozzle Holder Assembly.....	56
Alternator and Pulley Assembly.....	57
Alternator Components Assembly.....	58
Starter Assembly.....	59
Starter (Component Part) Assembly.....	60
Water Flange and Thermostat Assembly.....	61
Water Pump Assembly.....	62
Valve and Rocker Arm Assembly.....	63

Inlet Manifold Assembly 64

Muffler Gasket and Operator Manual 65

Gasket Kit Assembly 66

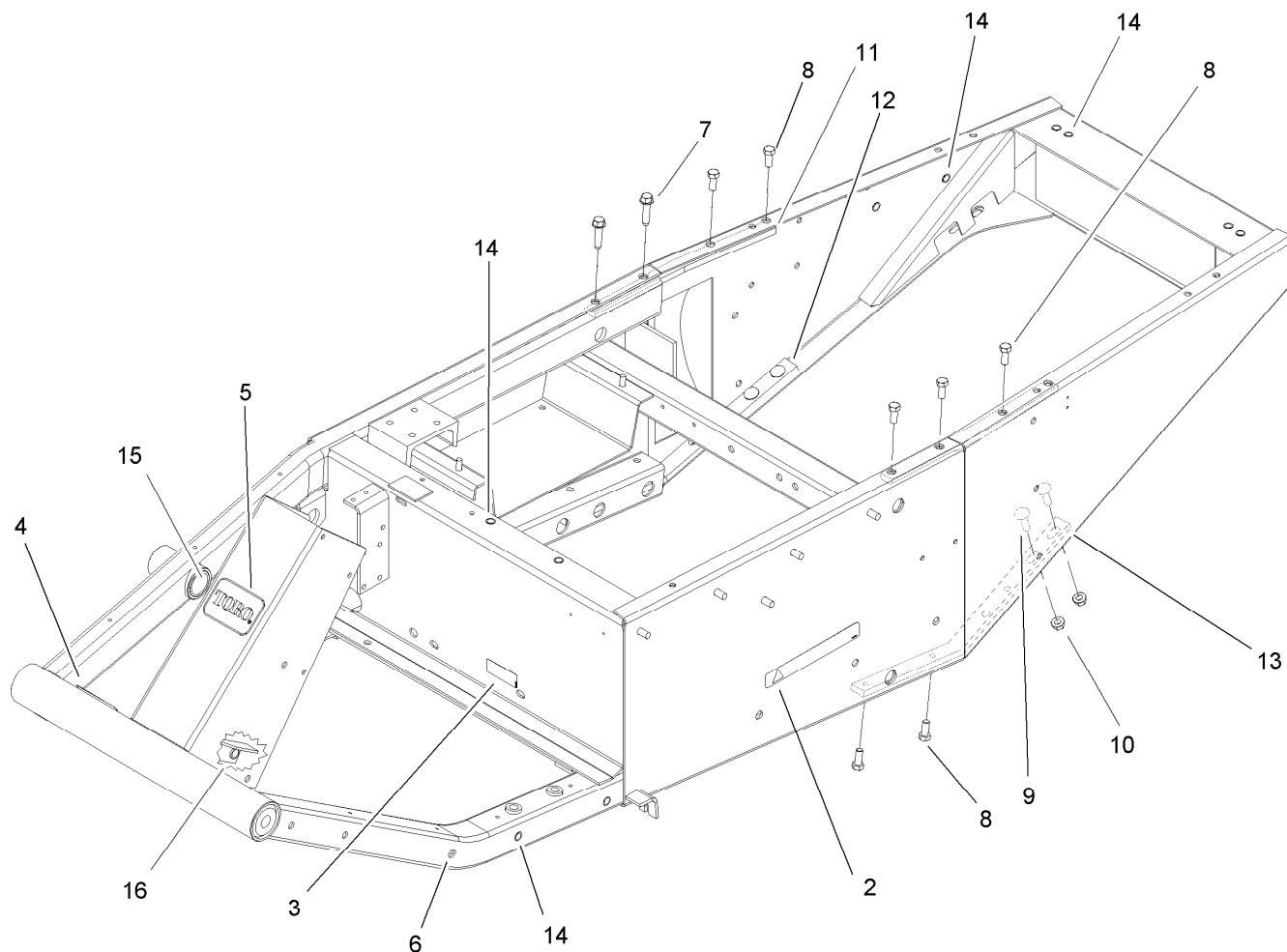
Attachments and Accessories 67



Frame Assembly

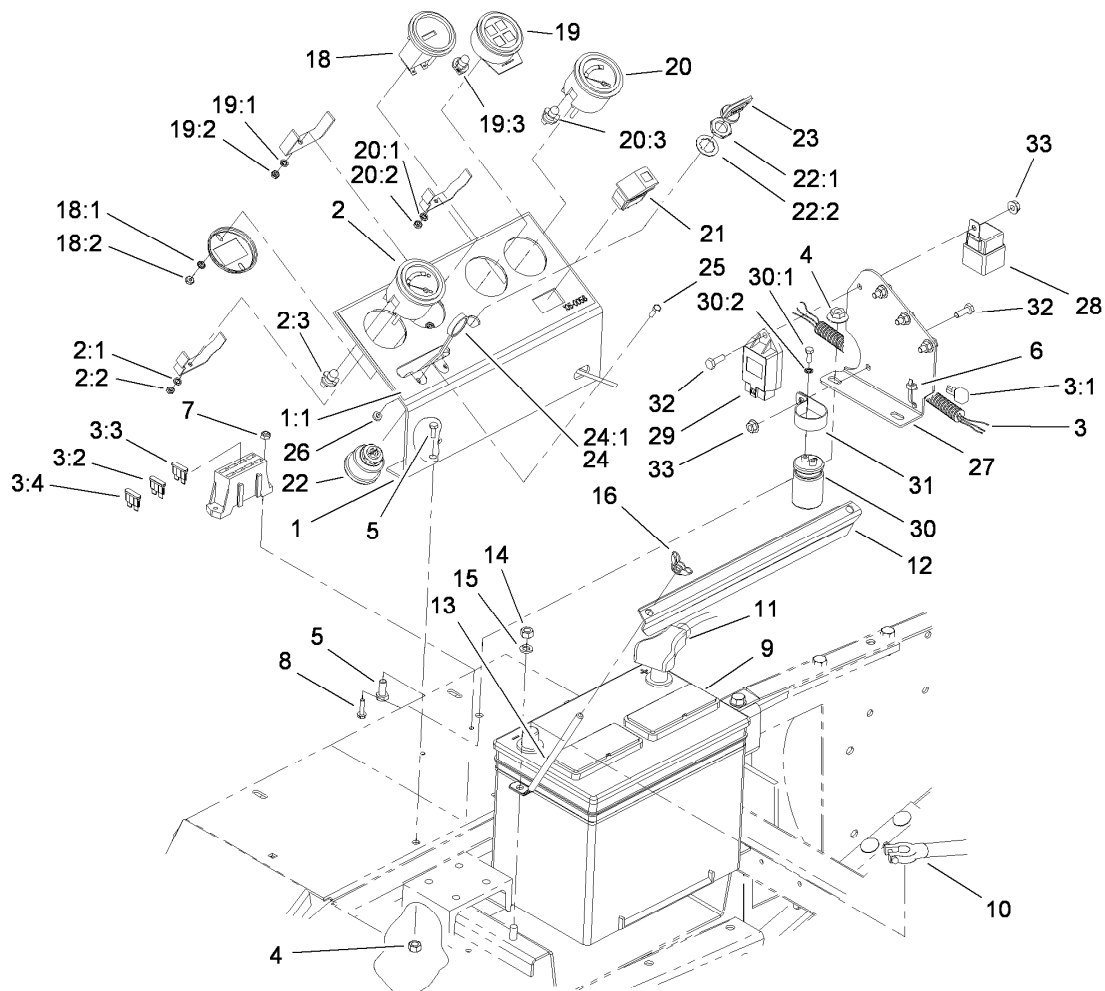
Ref.	Part Number	Qty.	Description
1	21-2770	1	Pad-Floor Plate, RH
2	105-7822	1	Decal-Caution
3	21-2660-01	1	Plate-Side
5	3234-12	4	Screw-HHF
7	105-2596-01	2	Fender ASM
9	27-7290	1	Decal-PTO
10	3290-144	9	Screw-SHWH
11	249-21	3	Clamp-Slotted
14	32103-2	1	Nut-Wing
15	3296-2	9	Nut-Lock, NI
20	2412-39	2	R-Clamp
22	37-9650	1	Trim-Box, Tool
24	38-4550-03	1	Cover-Instruments
26	105-2564	1	Battery Cover ASM
26:2	105-2531	1	Decal-Instructions, Starting
26:3	92-7801	1	Shield-Cover, Battery
27	39-8020	1	Trim-Cover, Instrument

Ref.	Part Number	Qty.	Description
28	114-9600	1	Decal-Low Sulfur
29	43-4300	2	Trim-Frame, Rear
31	32128-33	5	Nut-HF
32	93-3182-03	1	Box-Tool
33	3290-357	6	Nut-HHF, Whiz
34	3229-1	5	Screw-CARR
37	68-8610-01	1	Extension-Fender
38	3234-14	2	Screw-HHF
39	9266714	11	Screw-HWH
40	21-2760	1	Pad-Plate Floor, LH
41	88-0070-01	1	Plate-Floor
44	93-3185	1	Cover ASM
44:2	27-7310	1	Decal-Refueling
44:3	72-3700	1	Decal-Danger
47	98-3879	1	Frame ASM
50	67-1710	1	Decal-Warning
51	117-2718	1	Decal-Arrester, Spark



Frame Assembly No. 98-3879

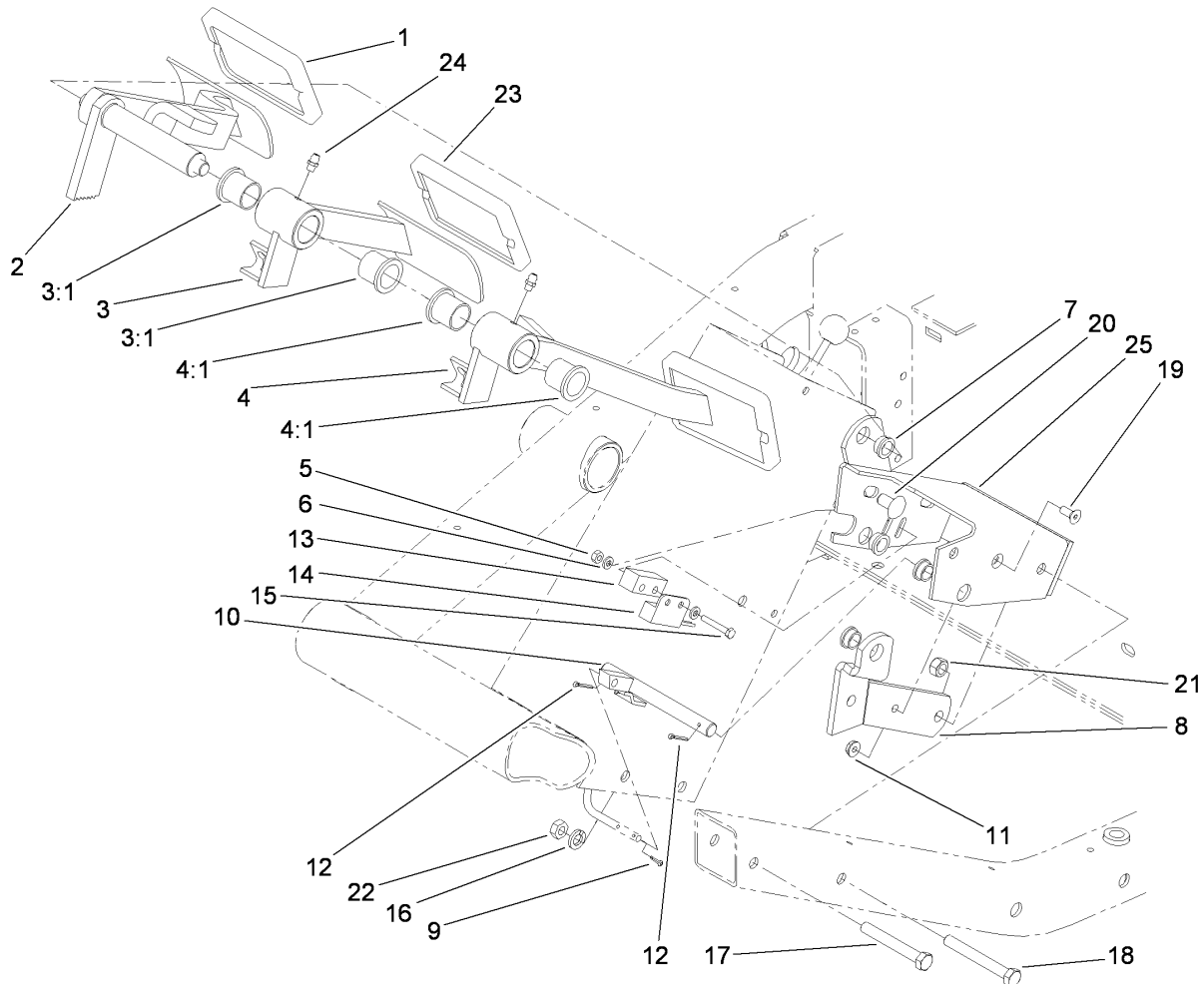
Ref.	Part Number	Qty.	Description
2	93-7830	2	Decal-Torque
3	93-6686	1	Decal-Oil, HYD
4	93-7836	1	Decal-Pedal, Traction
5	70-2200	1	Decal
6	32148-9	1	Insert-Nut
7	11-0590	2	Screw-HWHTF
8	3234-25	9	Screw-HHF
9	3231-25	4	Screw-CARR
10	32128-21	4	Nut-HF
11	98-3866-01	2	Brace-Upper
12	98-3865-01	1	Brace-Right, 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 Number	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	114-9722	1	Harness-Wire
3:1	100-4918	2	Diode
3:2	114241	1	Fuse-Blade, 7.5 Amp
3:3	109355	1	Fuse-Blade, 15 Amp
3:4	218-578	1	Fuse-Blade, 10 Amp
4	32128-44	4	Nut
5	322-3	4	Screw-HH
6	3290-379	2	Tie-Cable
7	3296-2	2	Nut-Lock, NI
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
18	66-2950	1	Gauge-Hourmeter
18:1	3255-20	2	Washer-Lock
18:2	3217-25	2	Nut-Hex

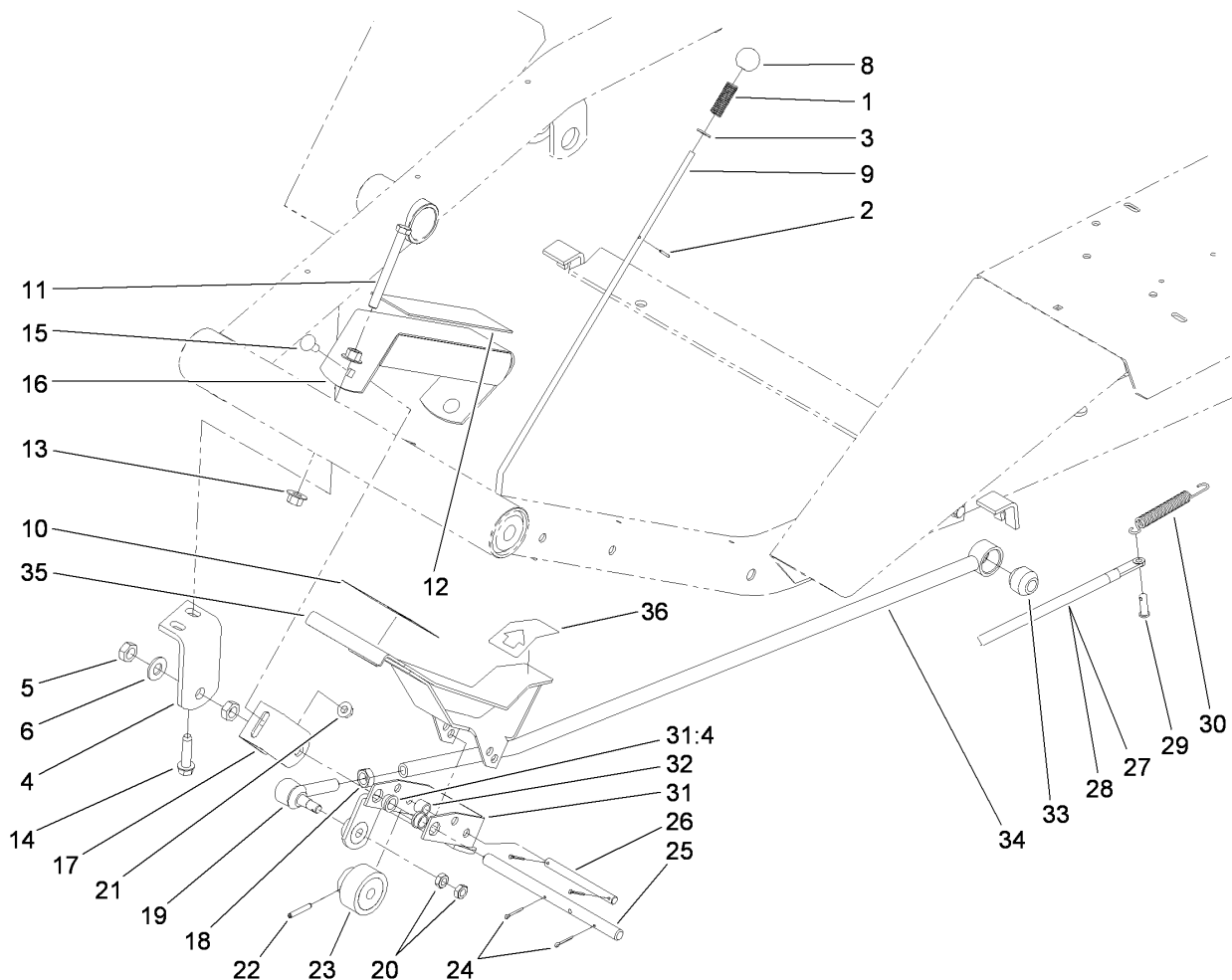
Ref.	Part Number	Qty.	Description
19	112-6561	1	Warning Light ASM
19:1	3254-1	1	Washer-Lock, Int
19:2	3217-27	1	Nut-Hex
19:3	105-9264	4	Bulb And Lamp ASM
20	98-9308	1	Gauge-Temperature
20:1	3254-1	3	Washer-Lock, Int
20:2	3217-27	3	Nut-Hex
20:3	105-9265	1	Bulb And Lamp ASM
21	100-8072	1	Switch
22	104-2541	1	Switch ASM
22:1	218-461	1	Nut-HH
22:2	3254-5	1	Washer-Tooth, Internal
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, NI
27	105-0002-01	1	Bracket-Relay
28	99-7430	4	Relay
29	98-7611	1	Controller-Glow
30	37-2690	1	Capacitor
30:1	3252-18	2	Screw
30:2	3254-1	2	Washer-Lock, Int
31	2412-74	1	R-Clamp
32	321-4	5	Screw-HH
33	32128-33	5	Nut-HF



Brake Pedal Assembly

Ref.	Part Number	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, NI
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

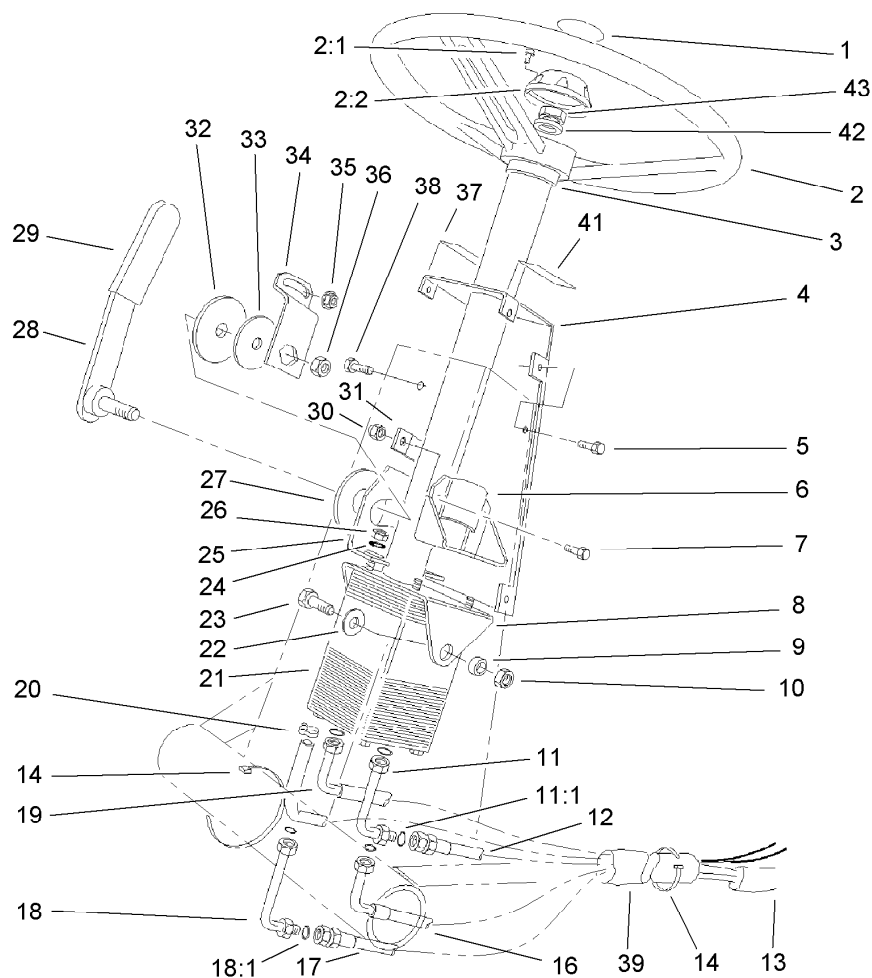
Ref.	Part Number	Qty.	Description
13	105-0064	1	Spacer-Switch
14	100-1270	1	Switch-Proximity
15	3290-360	2	Screw-HH
16	3253-21	2	Washer-Lock
17	323-13	1	Screw-HH
18	323-14	1	Screw-HH
19	3274-47	1	Screw-HSFH
20	3231-21	2	Screw-CARR
21	32153-2	2	Nut-Lock, Side
22	3217-7	2	Nut-Hex
23	93-8743	2	Footpad-Turn
24	302-5	2	Fitting-Grease
25	105-0066-01	1	Brake Pedal Mount ASM



Traction Pedal Assembly

Ref.	Part Number	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

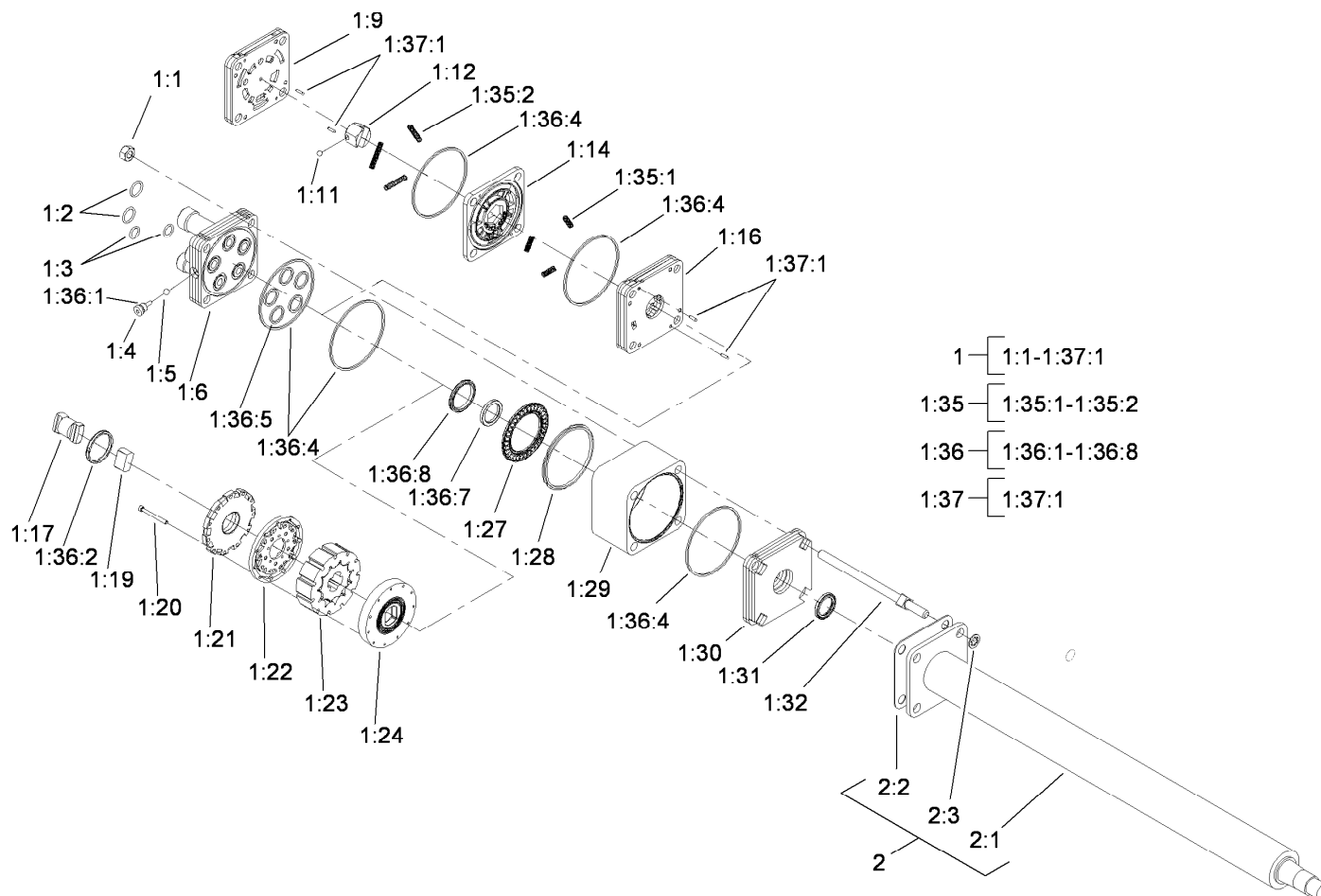
Ref.	Part Number	Qty.	Description
20	3220-3	2	Nut-HJ
21	32128-20	2	Nut-HF
22	32121-6	1	Pin-Roll, Slotted
23	28-5220	1	Friction Wheel ASM
24	3272-6	4	Pin-Cotter
25	88-1650	1	Shaft-Pedal, Traction
26	88-1640	1	Pin-Pedal, Traction
27	108-1380	1	LH Brake Cable ASM
28	108-1379	1	RH Brake Cable ASM
29	283-58	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 Number	Qty.	Description
1	68-5370	1	Decal
2	75-0560	1	Wheel-Steering
2:1	32144-21	1	Screw
2:2	68-5140	1	Cap-Wheel, Steering
3	21-9260	1	Cover-Dust
4	82-8660-01	1	Cover-Tower
5	32144-10	6	Screw-HWH
6	67-8690-03	1	Support-Column
7	322-5	2	Screw-HH
8	77-3120-01	1	Bracket-Mounting, Column
9	80-2960	2	Spacer-Tower
10	3296-39	2	Nut-Lock, NI
11	82-8760	1	Elbow-HYD
11:1	237-30	1	O-Ring
12	63-8970	1	Hose-HYD
13	70-1390	1	Sleeve-Protective
14	3290-379	4	Tie-Cable
16	68-9730	1	Hose-Steering, HYD
17	68-9720	1	Hose-Steering, HYD
18	82-8770	1	Elbow-HYD
18:1	237-22	1	O-Ring
19	63-8980	1	Hose-HYD
20	2412-36	1	Clamp-Hose

Ref.	Part Number	Qty.	Description
21	108-6557	1	Steer Valve And Column ASM
22	3256-46	2	Washer-Flat
23	323-6	2	Screw-HH
24	3256-3	4	Washer-Flat
25	80-2940-03	1	Plate-Pivot
26	3296-20	4	Nut-Lock, NI
27	31-0390	1	Disc-Friction
28	108-6092	1	Lever-Steering, Tilt
29	21-1880	1	Grip-Handle
30	3296-29	2	Nut-Lock, NI
31	82-8650	1	Clamp-Column
32	82-9010	1	Disc-Friction
33	80-2930	1	Washer-Flat
34	80-2880	1	Bracket-Tilt
35	32128-20	1	Nut-HF
36	3218-7	1	Nut-Jam
37	82-8940	1	Decal-Steering, Tilt
38	322-4	1	Screw-HH
39	70-1380	1	Sleeve-Protective
41	82-8930	1	Decal-Brake, Parking
42	3256-27	1	Washer-Flat
43	3296-33	1	Nut-Lock, NI



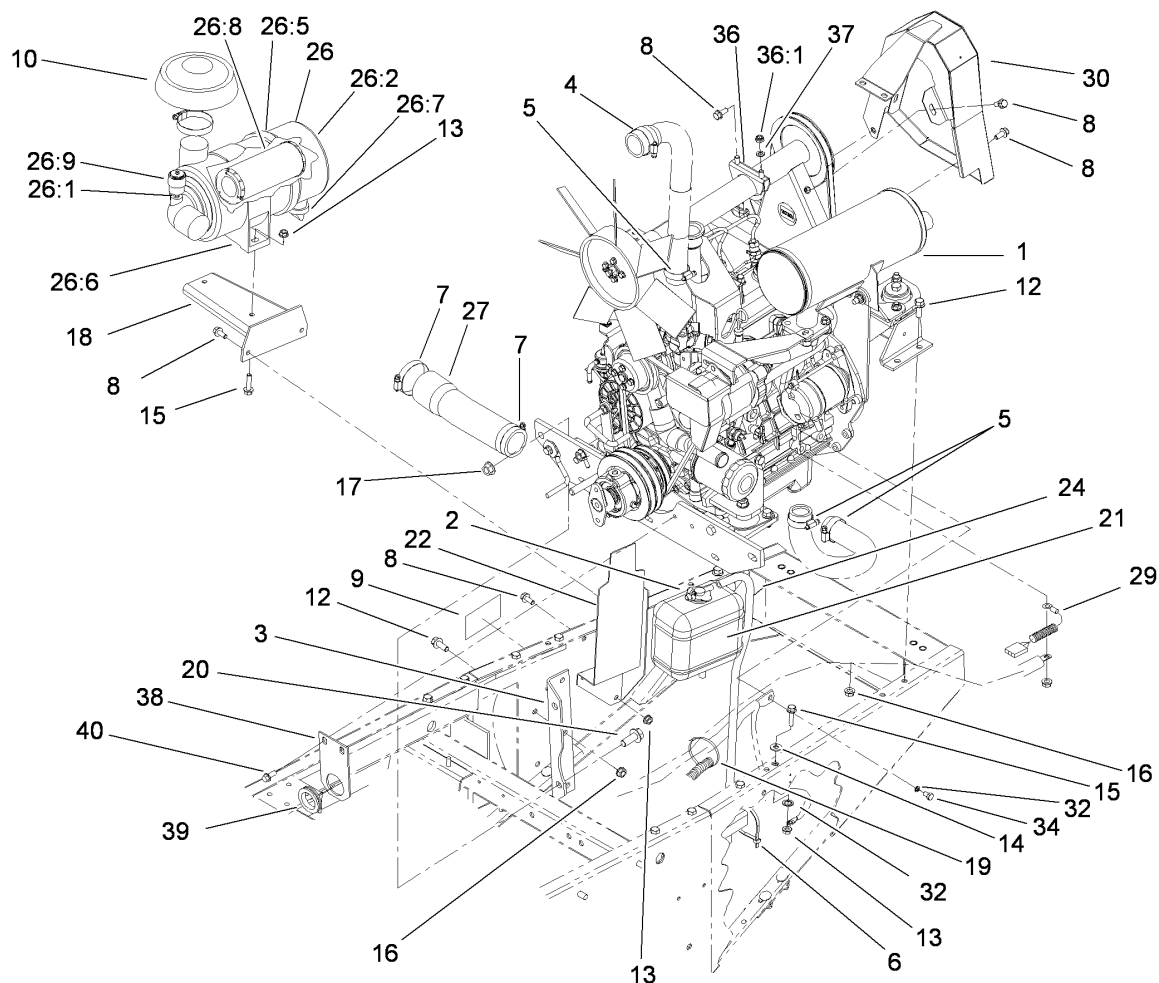
Steer Valve and Column Assembly No. 108-6557

Ref.	Part Number	Qty.	Description
1		1	Power Steering Unit ASM ■
1:1		4	Nut-Hex ■
1:2	237-30	2	O-Ring
1:3	237-22	2	O-Ring
1:4		1	Plug And O-Ring ASM ■
1:5		1	Ball-Steel ■
1:6		1	Port-Cover ■
1:9		1	Manifold-Port ■
1:11		1	Ball-Nylon ■
1:12		1	Hex Drive ASM ■
1:14		1	Valve And Ring ASM ■
1:16		1	Manifold-Isolation ■
1:17		1	Link-Drive ■
1:19		1	Spacer-Link, Drive ■
1:20		11	Screw-HSH ■
1:21		1	Cover-Commutator ■
1:22		1	Commutator And Ring ASM ■
1:23		1	Gerotor ASM ■
1:24		1	Plate-Drive ■
1:27		1	Bearing ■

Ref.	Part Number	Qty.	Description
1:28		1	Spacer-Bearing ■
1:29		1	Ring-Metering ■
1:30		1	Cover-Upper ■
1:31	114-2879	1	Seal-Lip
1:32	92-7310	4	Bolt-Special
1:35	66-9970	1	Spring Kit ●
1:35:1		3	Gv-Spring ■
1:35:2		3	Spring ■
1:36	66-9980	1	Seal Kit ●
1:36:1		1	O-Ring ■
1:36:2		1	Seal ■
1:36:4		5	Seal Ring ■
1:36:5		5	O-Ring ■
1:36:7		1	Seal Spacer ■
1:36:8		1	Seal Face ■
1:37	66-9990	1	Needle Roller Kit ●
1:37:1		9	Needle-Roller ■
2	108-6560	1	Column ASM
2:1		1	Column ASM ■
2:2	114-2881	1	Upper Cover Gasket
2:3	92-7316	4	Nut-Push On

● Not illustrated

■ Not serviced separately

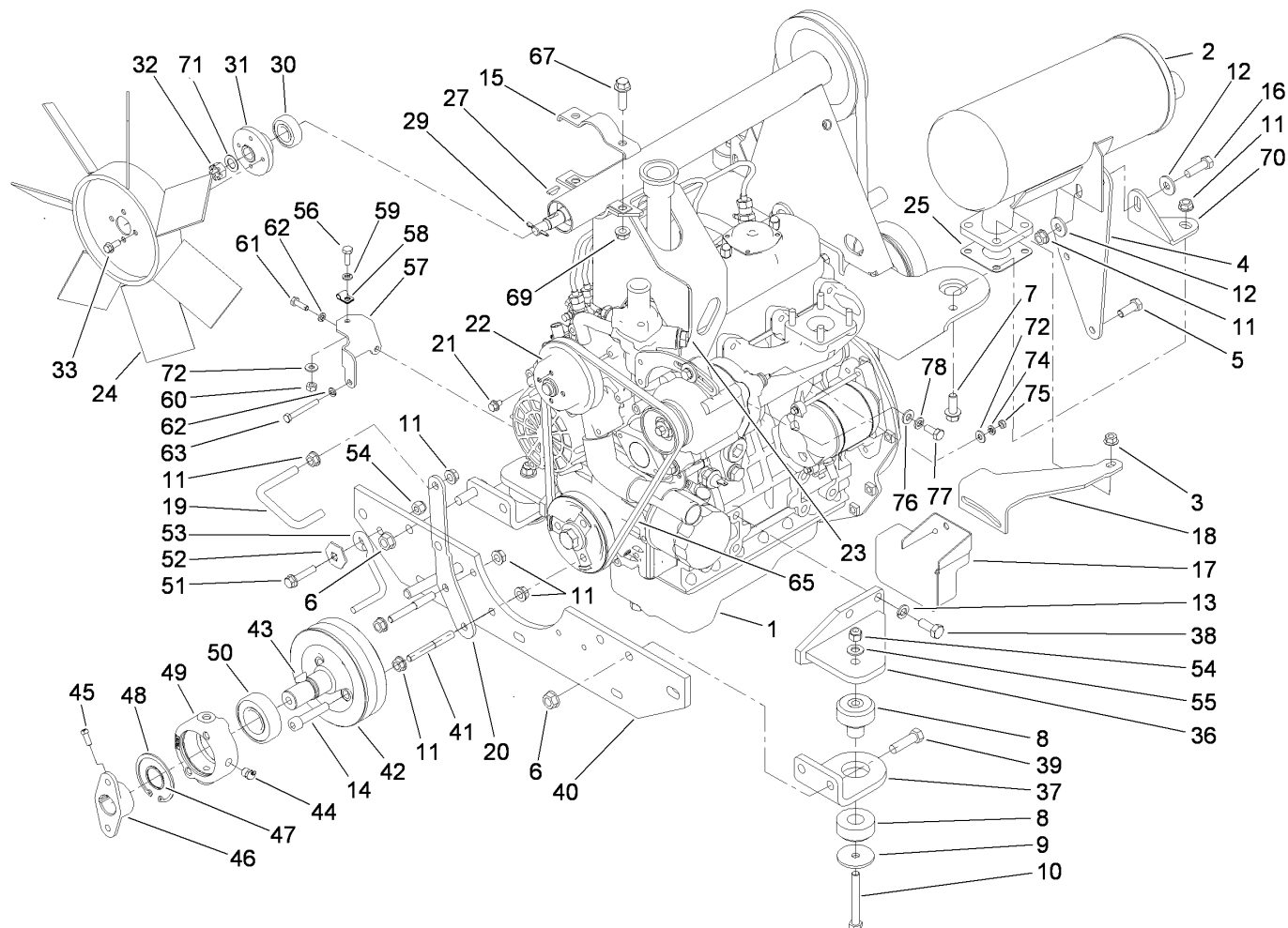


Engine Installation Assembly

Ref.	Part Number	Qty.	Description
1		1	Engine-Briggs, 3lg777-0121-E1 ●
2	2412-108	2	Clamp-Worm
3	67-8190-01	2	Bracket-Support, Engine
4	2412-3	1	Clamp-Hose
5	2412-111	3	Clamp
6	3334-945	1	Tie-Cable
7	2412-130	2	Clamp-Hose
8	3234-5	9	Screw-HHF
9	83-9150	1	Decal-Fluid, Starting
10	105-2539	1	Cap ASM
12	3234-11	10	Screw-HHF
13	32128-20	6	Nut-HF
14	3256-3	1	Washer-Flat
15	3234-36	3	Screw-HHF
16	3290-357	10	Nut-HHF, Whiz
17	32128-23	2	Nut-HF
18	98-4518-03	1	Bracket-Cleaner, Air
19	3290-378	1	Tie-Cable
20	3234-32	2	Screw-HHF
21	104-9318	1	Overflow Bottle ASM

Ref.	Part Number	Qty.	Description
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
26:5	104-4897	1	Gasket
26:6	98-4525	1	Bracket-Cleaner, Air
26:7	104-0498	1	Valve-Vacuator
26:8	108-3810	1	Filter-Air
26:9	93-9164	1	Indicator-Mini
27	104-3434	1	Hose-Inlet, Air
29	99-3441	1	Harness-Wire, Fusible Link
30	105-7807-03	1	Guard-Belt, Fan
32	3254-6	2	Washer-Lock, Internal
34	70-8470	1	Screw-HH
36	2112-6	1	Clamp-Muffler
36:1	3218-2	2	Nut-Jam
37	3253-4	2	Washer-Lock
38	104-3774-03	1	Bracket-Bulkhead
39	240-7	1	Grommet-Rubber
40	32144-11	2	Screw-HWHTF

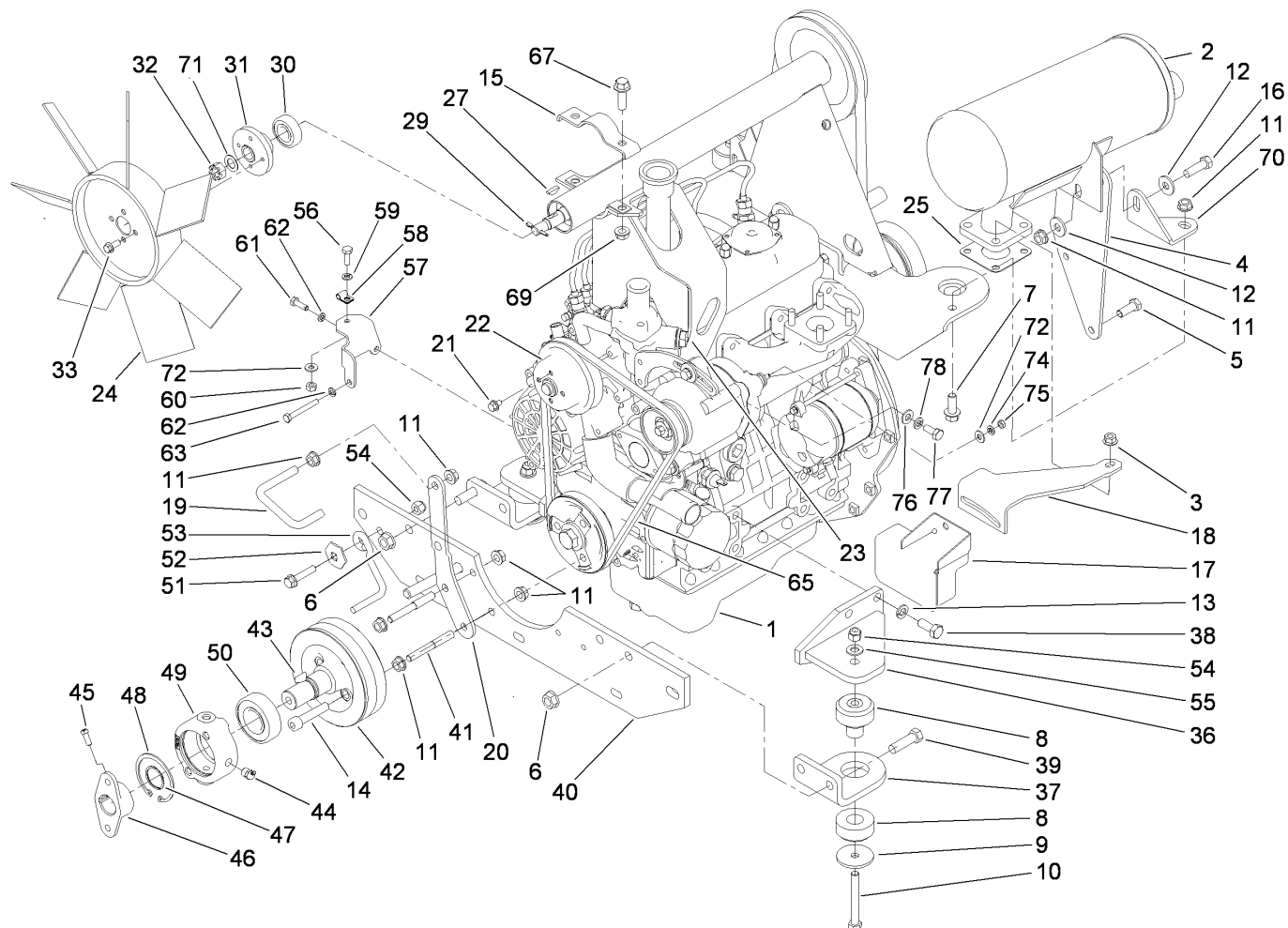
● Not serviced separately



Engine Mounting and Component Assembly

Ref.	Part Number	Qty.	Description
1	114-2890	1	Engine ASM
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	3296-48	4	Nut-Lock, NI
7	3234-11	1	Screw-HHF
8	115-4507	2	Mount-Engine
9	63-7400	2	Washer-Rebound
10	323-14	2	Screw-HH
11	3290-357	9	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-Craddle
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
25	98-9611	1	Gasket
27	3257-30	1	Key-Woodruff
29	3272-16	1	Pin-Cotter
30	38-7820	1	Bearing-Ball

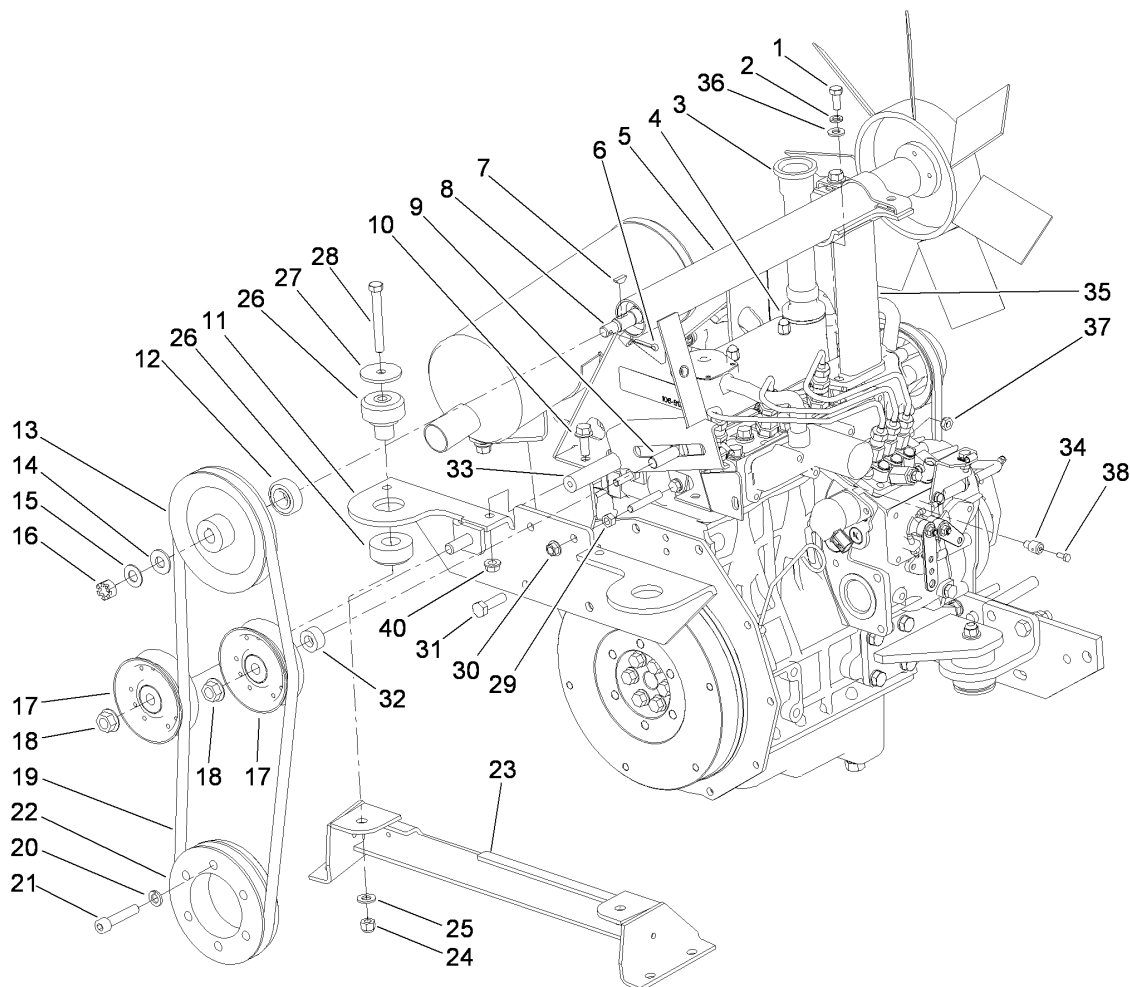
Ref.	Part Number	Qty.	Description
31	104-3408-03	1	Hub-Fan
32	32136-3	1	Nut-SHH
33	3234-33	4	Screw-HHF
36	104-3463-03	2	Front Mount ASM
37	115-4508-03	2	Bracket-Engine Mount, Front
38	43-0090	8	Screw-HH
39	324-6	4	Screw-HH
40	115-4528-01	1	Engine Support ASM
41	105-0057	2	Stud-Retainer, Belt
42	104-3406-03	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
51	3234-18	1	Screw-HHF
52	3290-224	1	Lockwasher-Pyramid
53	63-1400	1	Rod-Belt
54	3296-39	3	Nut-Lock, NI
55	3256-24	2	Washer-Flat
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



Engine Mounting and Component Assembly (continued)

Ref.	Part Number	Qty.	Description
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	115-4513-03	1	Bracket-Muffler

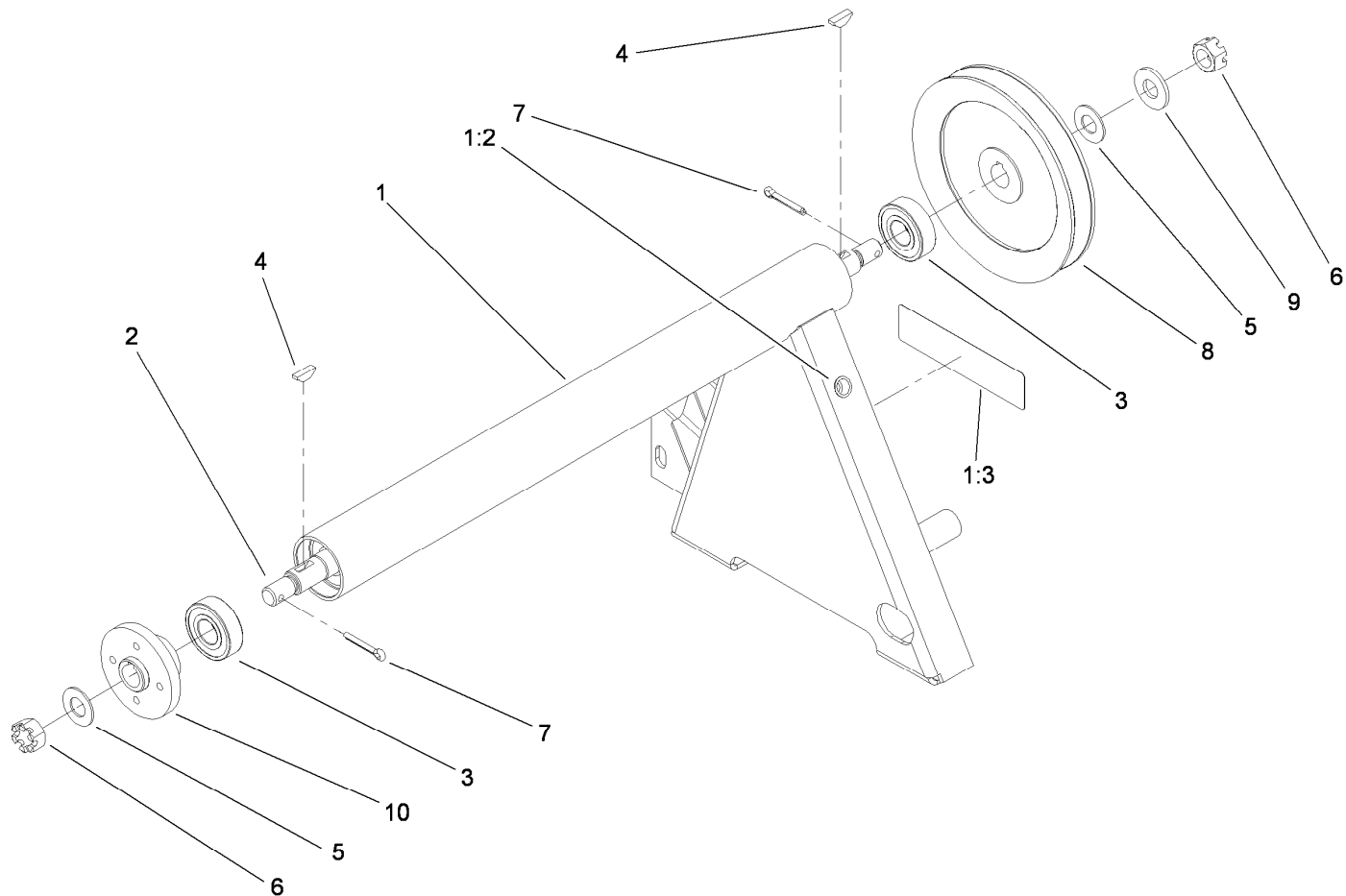
Ref.	Part Number	Qty.	Description
71	18-9810	1	Washer-Thrust
72	3256-22	2	Washer-Flat
74	43-5930	1	Washer-Lock, Spring
75	33013-00	1	Nut-Hex
76	33094-00	1	Washer-Plain
77	92-1374	1	Screw-HH
78	3253-4	1	Washer-Lock



Engine Pulley System Assembly

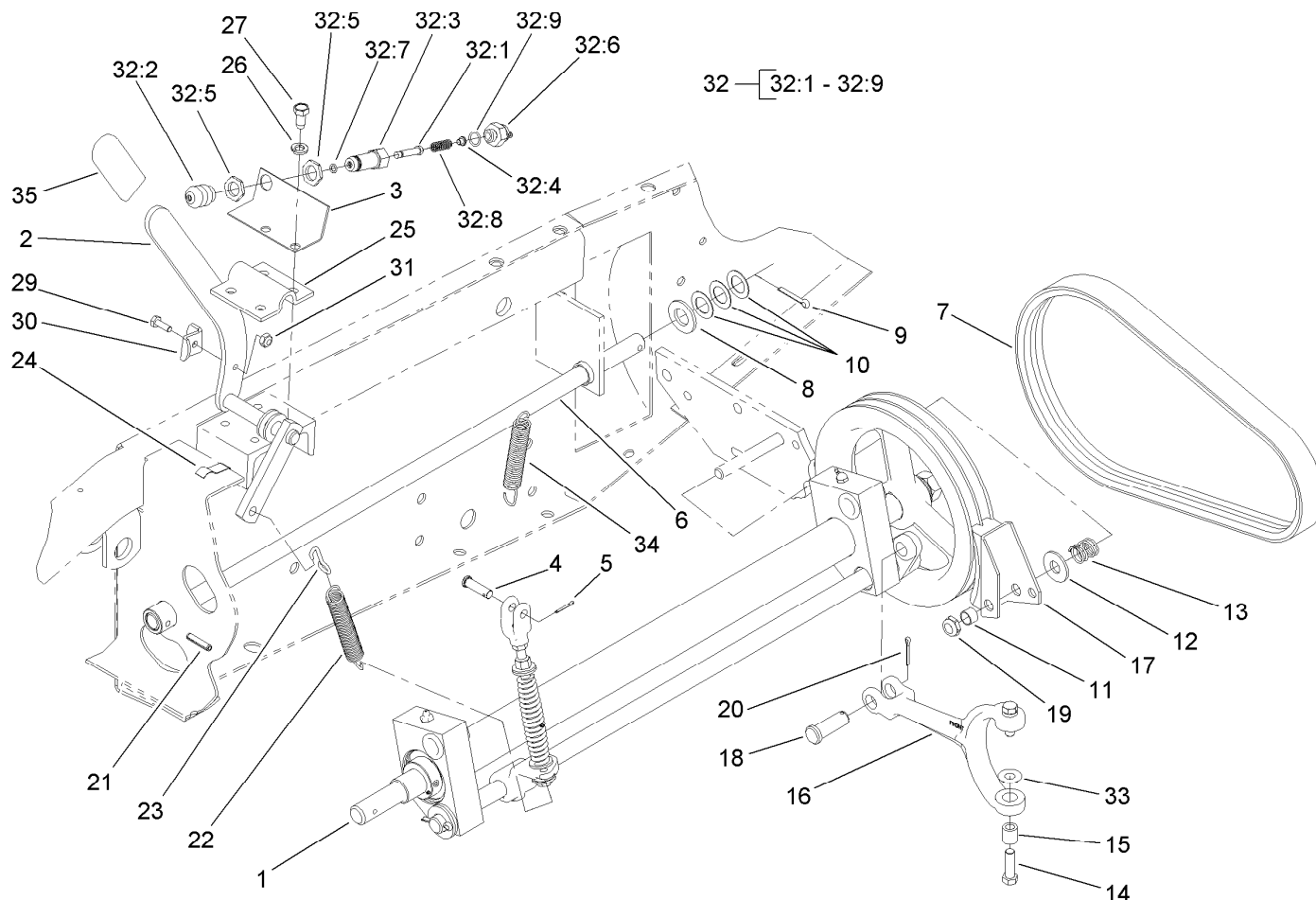
Ref.	Part Number	Qty.	Description
1	93-7773	2	Screw-HHF
2	3253-4	2	Washer-Lock
3	105-0087	1	Flange-Filler, Oil
4	98-7430	1	O-Ring
5	106-4399	1	Fan-Support ASM
6	3272-16	1	Pin-Cotter
7	3257-30	1	Key-Woodruff
8	43-3690	1	Shaft-Fan
9	3233-14	1	Screw-CARR
10	3234-11	2	Screw-HHF
11	115-4509-03	1	Rear Engine Mount ASM
12	38-7820	1	Bearing-Ball
13	105-2524	1	Pulley
14	18-9810	2	Washer-Thrust
15	29-8910	1	Washer
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

Ref.	Part Number	Qty.	Description
21	3274-106	6	Screw-HSH
22	104-3407	1	Pulley-Engine, Rear
23	105-2520-03	1	Engine Mount ASM
24	3296-39	2	Nut-Lock, NI
25	3256-24	2	Washer-Flat
26	115-4506	2	Mount-Engine
27	63-7400	2	Washer-Rebound
28	323-14	2	Screw-HH
29	33014-00	2	Nut-Hex
30	33004-00	2	Nut-HF
31	56-2140	2	Screw-HH
32	105-0058	1	Spacer-Idler, Fan
33	105-2502	2	Stud
34	105-4263	1	Swivel-Cable, Throttle
35	105-2507-03	1	Cradle-Support, Tube
36	68-0020	2	Spacer-Pivot, Idler
37	3296-20	1	Nut-Lock, NI
38	25-8640	1	Screw-HH
40	32128-21	2	Nut-HF



Fan Support Assembly No. 106-4399

Ref.	Part Number	Qty.	Description
1	105-2592	1	Tube Support ASM
1:2	3290-472	2	Insert-Threaded
1:3	106-8120	1	Decal-Danger, Ce
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

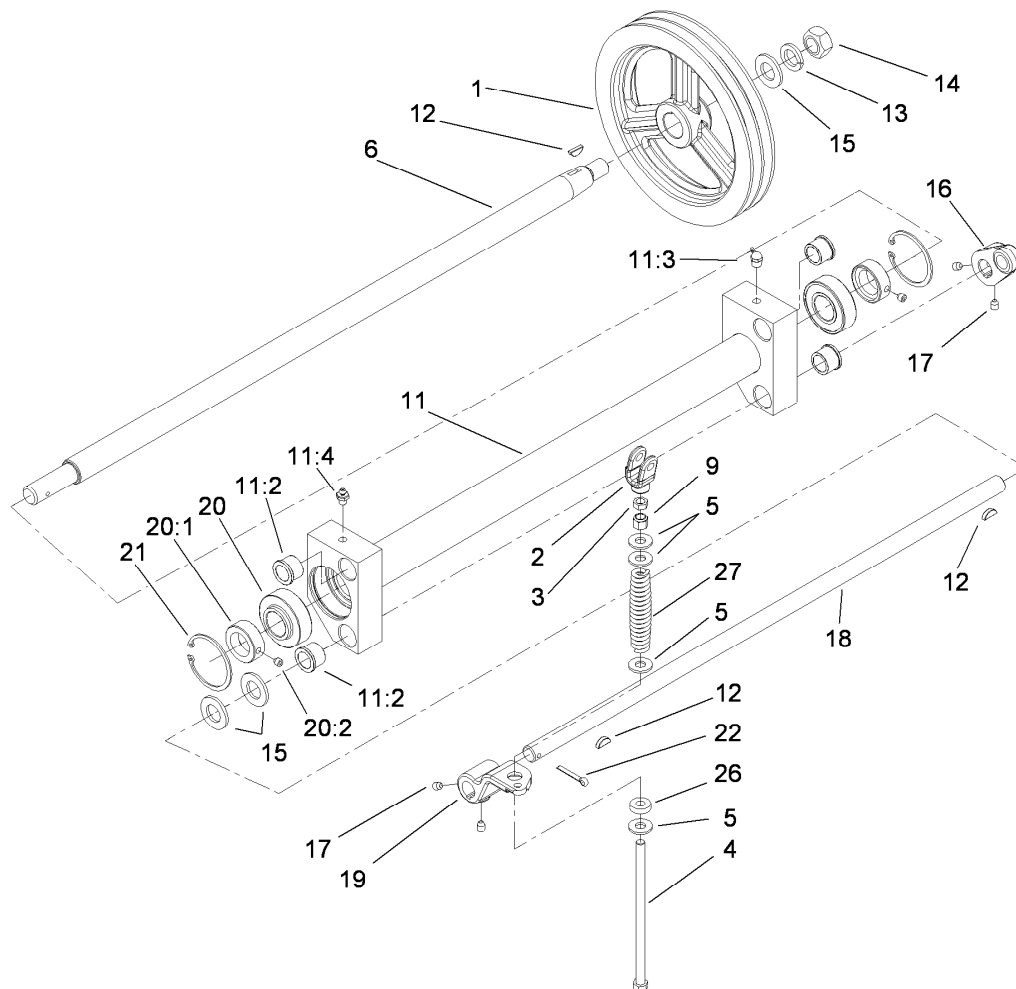


Power-Take-Off and Shaft Assembly

Ref.	Part Number	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	Belt-V, Banded
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

Ref.	Part Number	Qty.	Description
23	5-0701	1	Anchor
24	212-93	3	Clamp-Casing
25	21-1600	1	Clamp-Lever, PTO
26	3253-21	4	Washer-Lock
27	32104-6	4	Screw-HH, Thd Cut
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

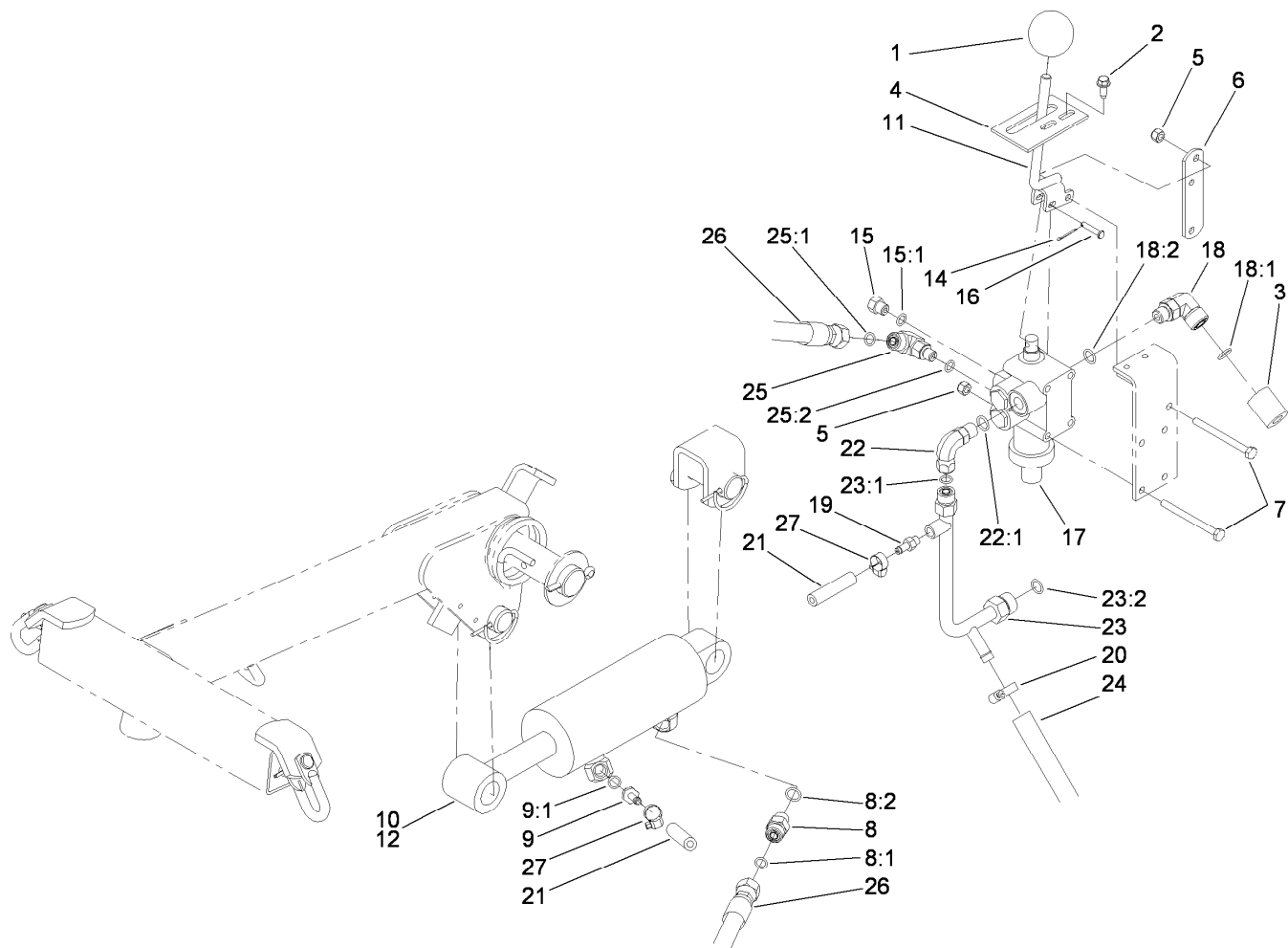
● Not serviced separately



Power-Take-Off Assembly

Ref.	Part Number	Qty.	Description
1	21-0230	1	Pulley-PTO
2	43-5630	1	Yoke-PTO
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	117-0826	4	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

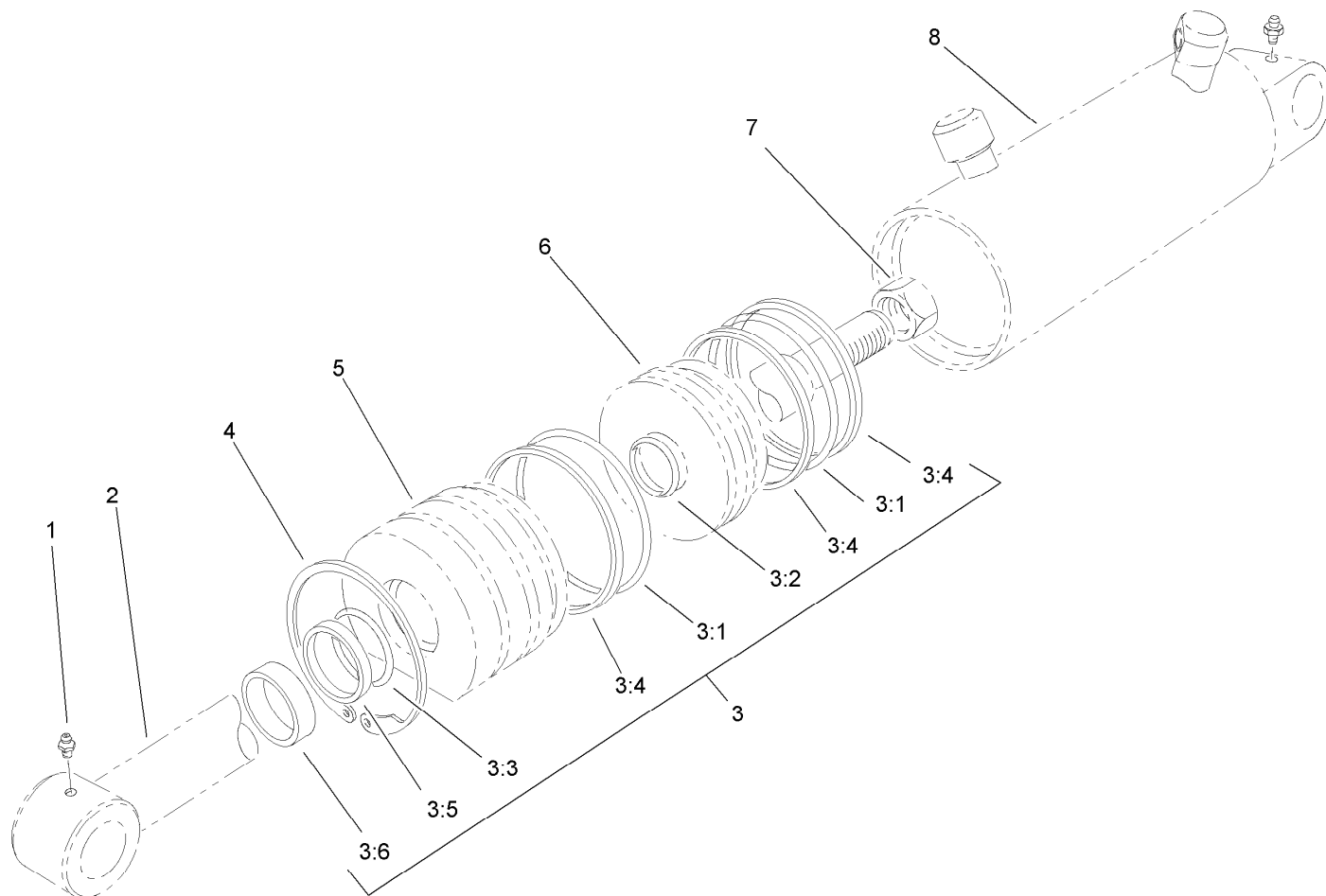
Ref.	Part Number	Qty.	Description
14	3219-7	1	Nut-Hex
15	3256-28	3	Washer-Flat
16	92-4058	1	Arm-PTO
17	3246-3	4	Screw-HSH
18	43-5550	1	Shaft-Actuator, PTO
19	43-5570	1	Arm-Actuator
20	251-252	2	Bearing
20:1	251-234	1	Collar-Locking
20:2	106-9662	1	Screw-Set, HSH
21	32120-22	2	Ring-Snap, Internal
22	3272-22	1	Pin-Cotter
26	5-0652	1	Spacer
27	21-0400-01	1	Spring-Compression



Valve and Cylinder Assembly

Ref.	Part Number	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	92-5512	1	Fitting-Hose, Barbed
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	3272-2	1	Pin-Cotter
15	353-512	1	Plug
15:1	237-78	1	O-Ring
16	283-17	1	Pin-Clevis

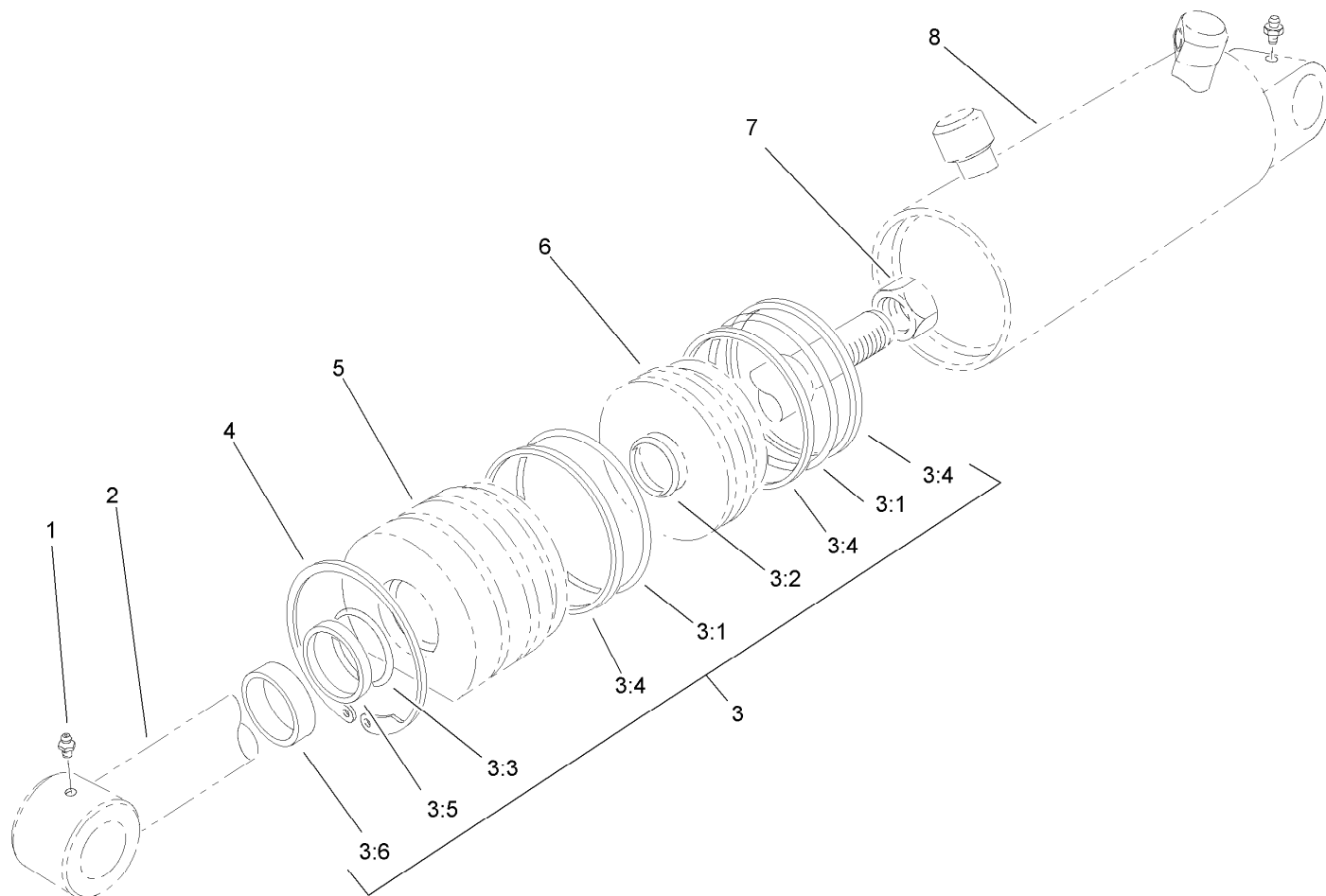
Ref.	Part Number	Qty.	Description
17	106-8071-01	1	Valve ASM
18	340-99	1	Fitting-HYD, 90 DEG
18:1	237-30	1	O-Ring
18:2	237-42	1	O-Ring
19	304-73	1	Connector-Hose
20	2412-36	1	Clamp-Hose
21	92-7834	1	Hose-HYD
22	340-110	1	Fitting-Swivel, 90 DEG
22:1	237-42	1	O-Ring
23	63-9260	1	Manifold Valve ASM
23:1	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 Number	Qty.	Description
1	302-55	2	Fitting-Grease
2		1	Shaft ●
3	61-4960	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	61-4990	1	Ring-Retaining
5		1	Head ●
6		1	Piston ●
7		1	Nut ●
8		1	Barrel ●

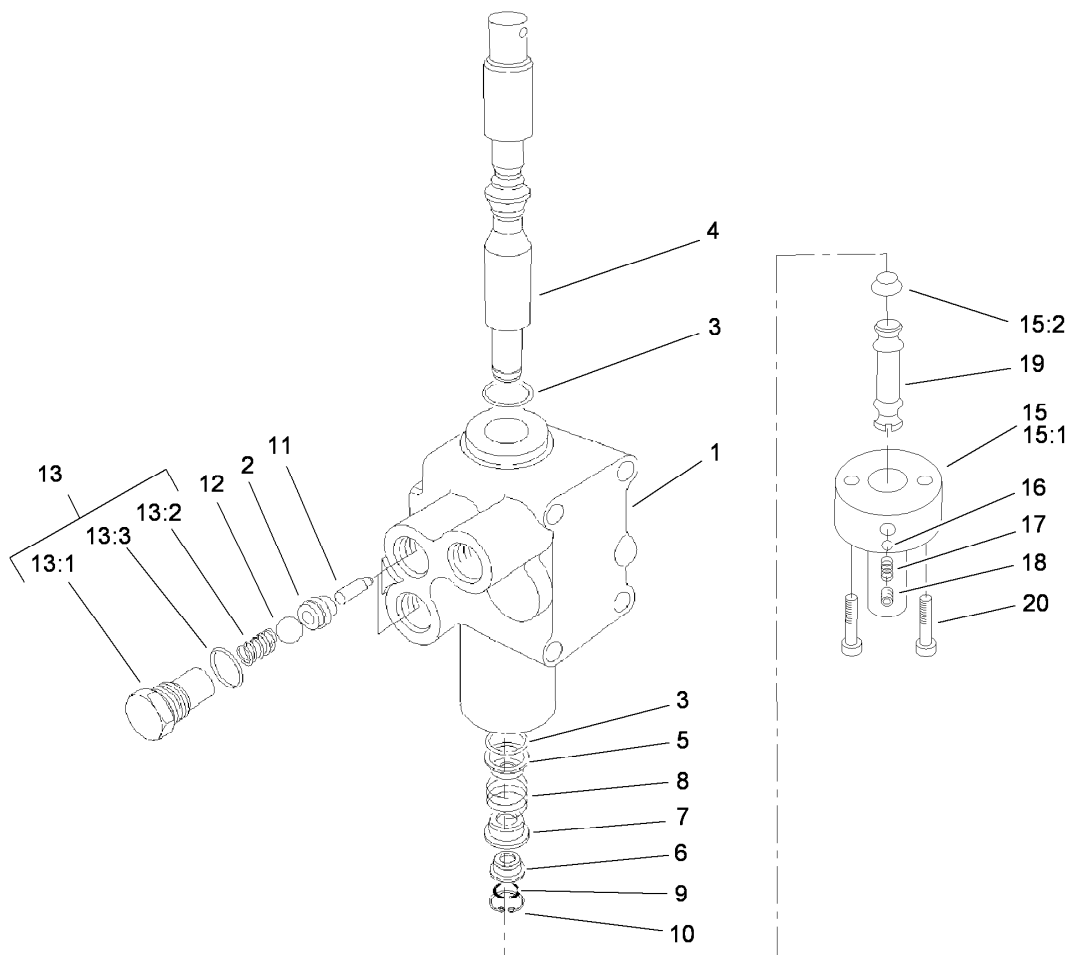
● Not serviced separately



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

Ref.	Part Number	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 ●

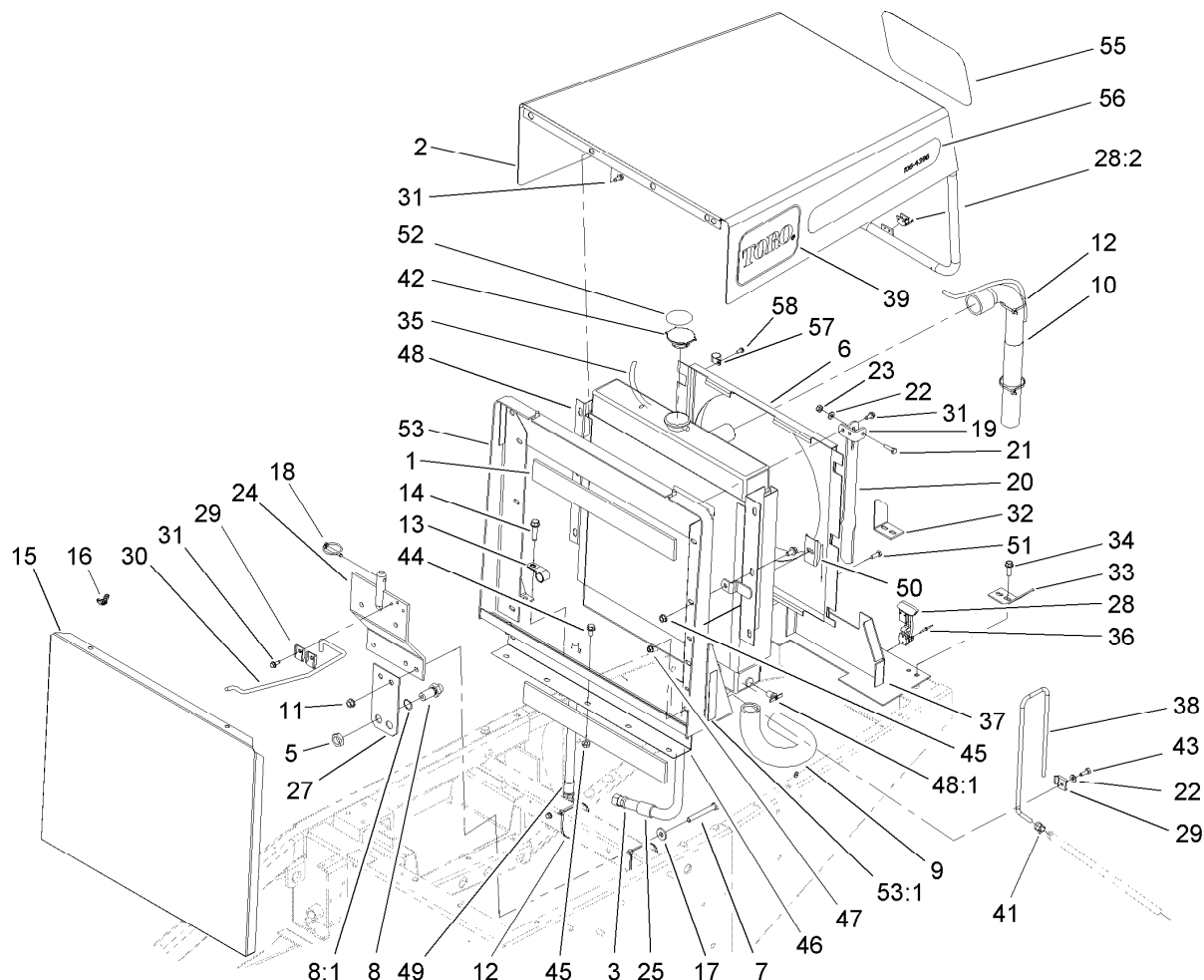
● Not serviced separately



Valve Assembly No. 106-8071-01

Ref.	Part Number	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-HSH

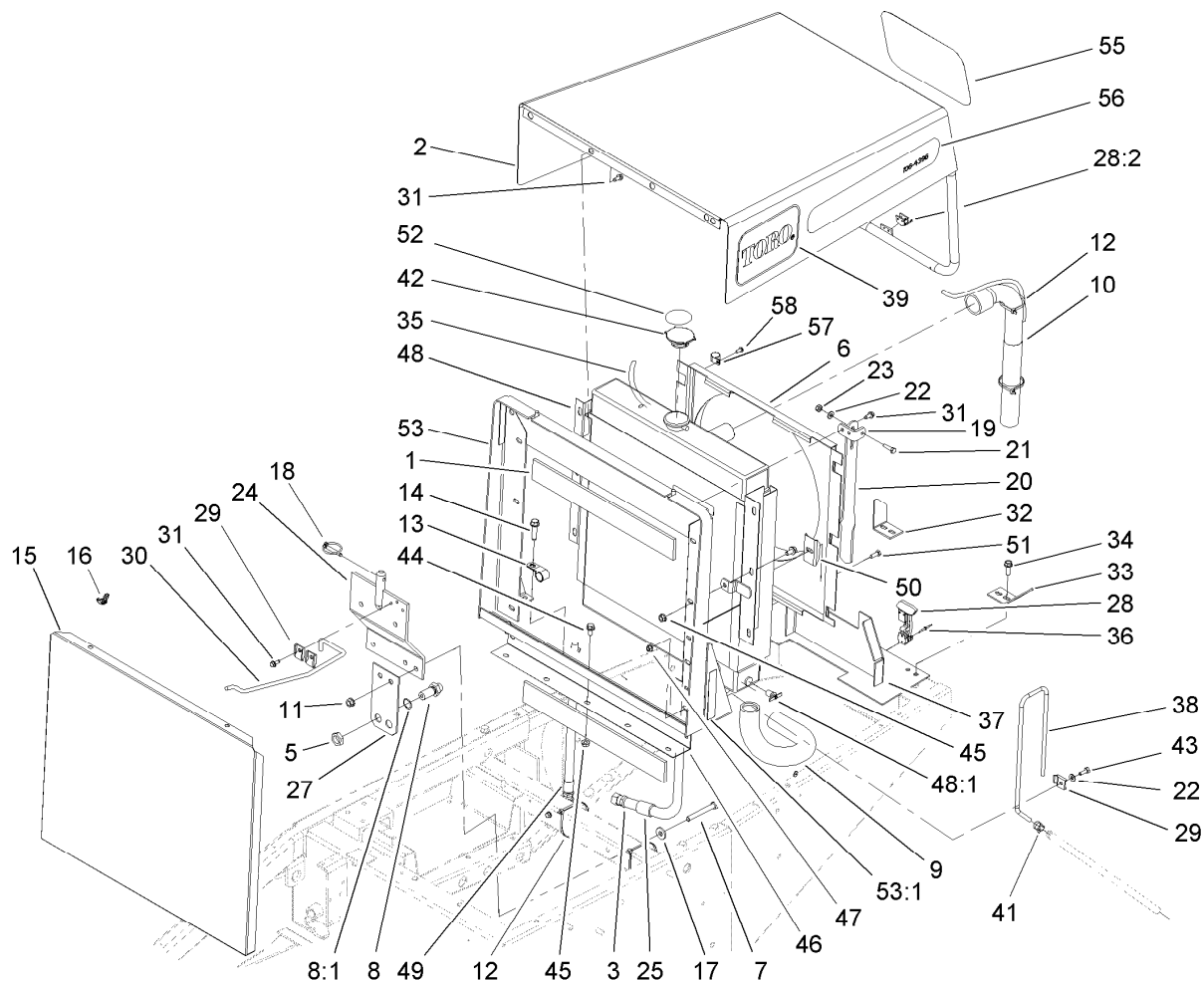
● Not serviced separately



Radiator and Hood Assembly

Ref.	Part Number	Qty.	Description
1	43-3320	2	Foam-Radiator
2	105-2919	1	Hood ASM
3	63-9010	1	Hose-Coolant, Transmission
5	340-70	2	Nut-Lock
6	105-0007-03	1	Fan Shroud ASM
7	323-14	3	Screw-HH
8	340-71	2	Fitting-Straight, Bulkhead
8:1	237-22	2	O-Ring
9	104-3432	1	Hose-Radiator, Bottom
10	104-3433	1	Hose-Radiator, Top
11	32128-21	3	Nut-HF
12	3290-379	4	Tie-Cable
13	2412-4	1	Clamp
14	11-0590	1	Screw-HWHTF
15	67-9030-03	1	Grille ASM
16	32103-2	2	Nut-Wing
17	5-0838	3	Washer
18	283-76	1	Pin-Lynch
19	84-5330	1	Bracket-Prop, Hood
20	84-5380	1	Strap-Prop, Hood
21	321-6	1	Screw-HH
22	3256-22	3	Washer-Flat
23	3296-16	1	Nut-Lock, NI
24	105-2542-01	1	Bracket-Support, Seat
25	38-3400	1	Guard-Rubber
27	68-9160	1	Bracket
28	59-9740	1	Flex Draw Latch ASM

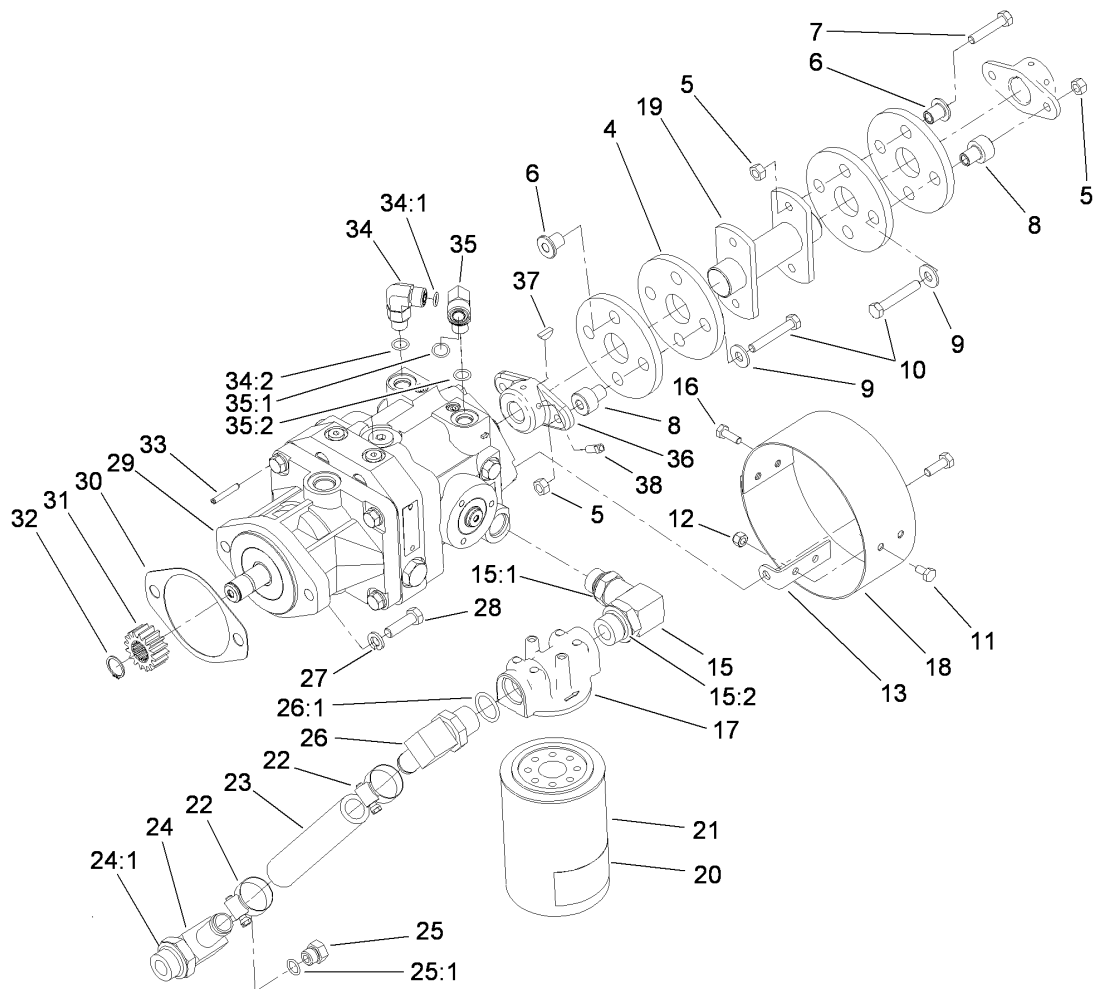
Ref.	Part Number	Qty.	Description
28:2	249-40	1	Keeper
29	3-6657	4	Clip-Skid
30	86-7040	1	Rod-Prop, Seat
31	32144-10	7	Screw-HWH
32	62-3010-01	1	Bracket-RH
33	62-3020-01	1	Bracket-LH
34	3234-17	4	Screw-HHF
35	110-4109	1	Hose-Fuel
36	3290-55	4	Rivet-Pop
37	105-4255-01	1	Pulley Guard ASM
38	105-4265	1	Tube-Vent
39	62-7400	2	Decal
41	2412-108	1	Clamp-Worm
42	66-3240	1	Cap-Radiator
43	321-4	2	Screw-HH
44	3234-14	13	Screw-HHF
45	32128-20	13	Nut-HF
46	105-4264-03	1	Grill-Plate, Sealing
47	32128-33	2	Nut-HF
48	108-8699	1	Radiator ASM
48:1	304-46	1	Draincock
49	63-8960	1	Hose
50	105-0012-03	6	Clip-Mounting, Fan Shroud
51	3234-33	6	Screw-HHF
52	106-5976	1	Decal-Warning
53	105-2918	1	Radiator Support ASM
53:1	77-3100	3	Decal-Warning
55	66-6140	1	Decal



Radiator and Hood Assembly (continued)

Ref.	Part Number	Qty.	Description
56	106-4396	2	Decal

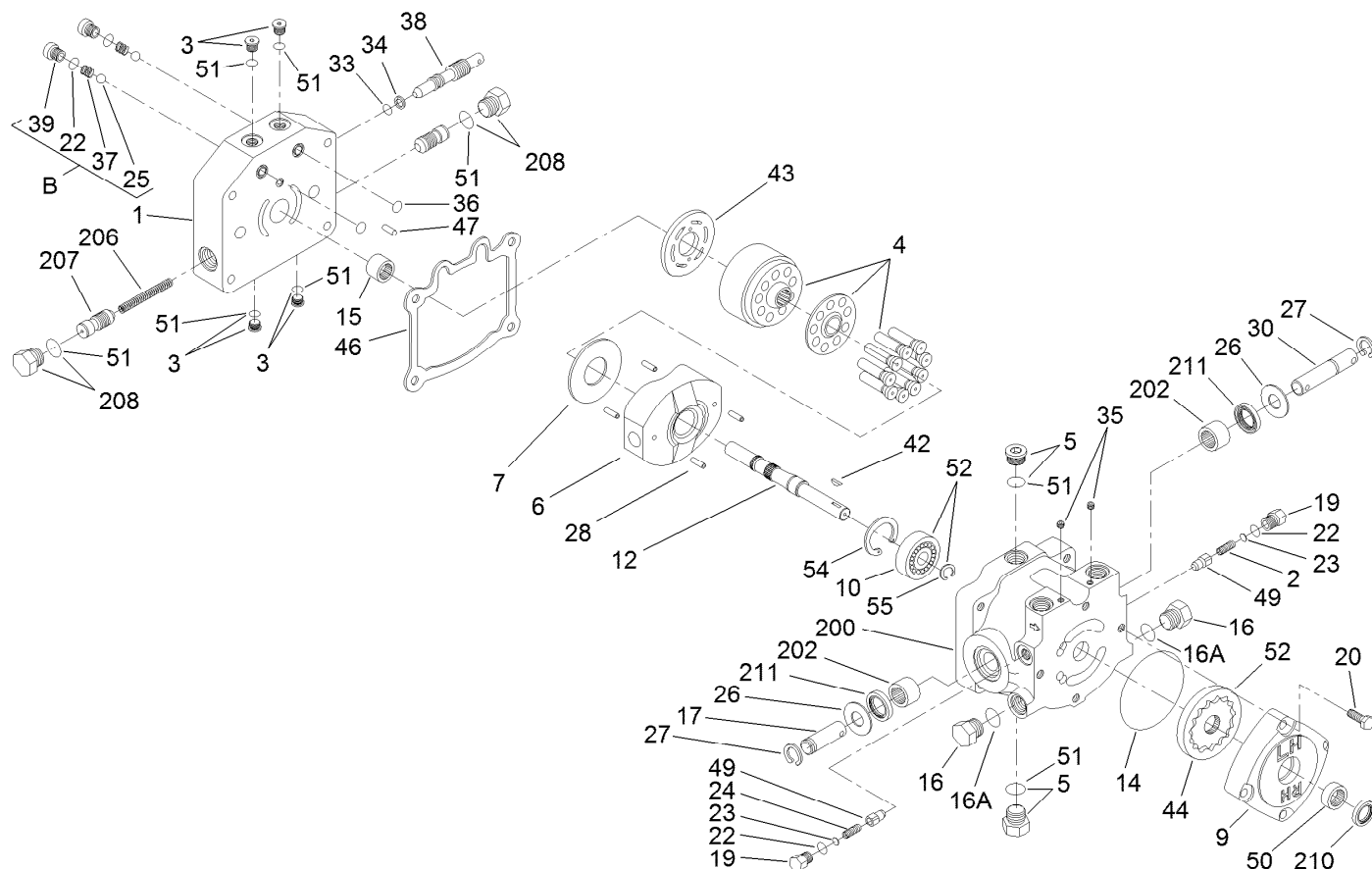
Ref.	Part Number	Qty.	Description
57	2412-83	1	Clamp-Cable
58	32144-1	1	Screw-Taptite



Hydrostatic Transmission Assembly

Ref.	Part Number	Qty.	Description
4	115-4523	4	Coupling-Rubber
5	32152-1	8	Nut-Lock, Cone
6	71-4411	4	Spacer
7	322-8	4	Screw-HH
8	71-4410	4	Spacer
9	3256-3	4	Washer-Flat
10	322-10	4	Screw-HH
11	321-2	2	Screw-HH
12	3296-42	4	Nut-Lock, NI
13	54-9290	2	Bracket-Mounting
15	68-8660	1	Fitting-HYD, 90 DEG
15:1	237-80	1	O-Ring
15:2	237-81	1	O-Ring
16	321-4	2	Screw-HH
17	68-8990	1	Filter Head ASM
18	54-9300-03	1	Cover-Shaft, Pump
19	105-0033-03	1	Drive Shaft ASM
20	93-7816	1	Decal-Filter
21	23-9740	1	Filter-Oil
22	2412-129	2	Clamp-Hose
23	68-9650	1	Hose-Axle
24	70-2620	1	Fitting-HYD, 90 DEG

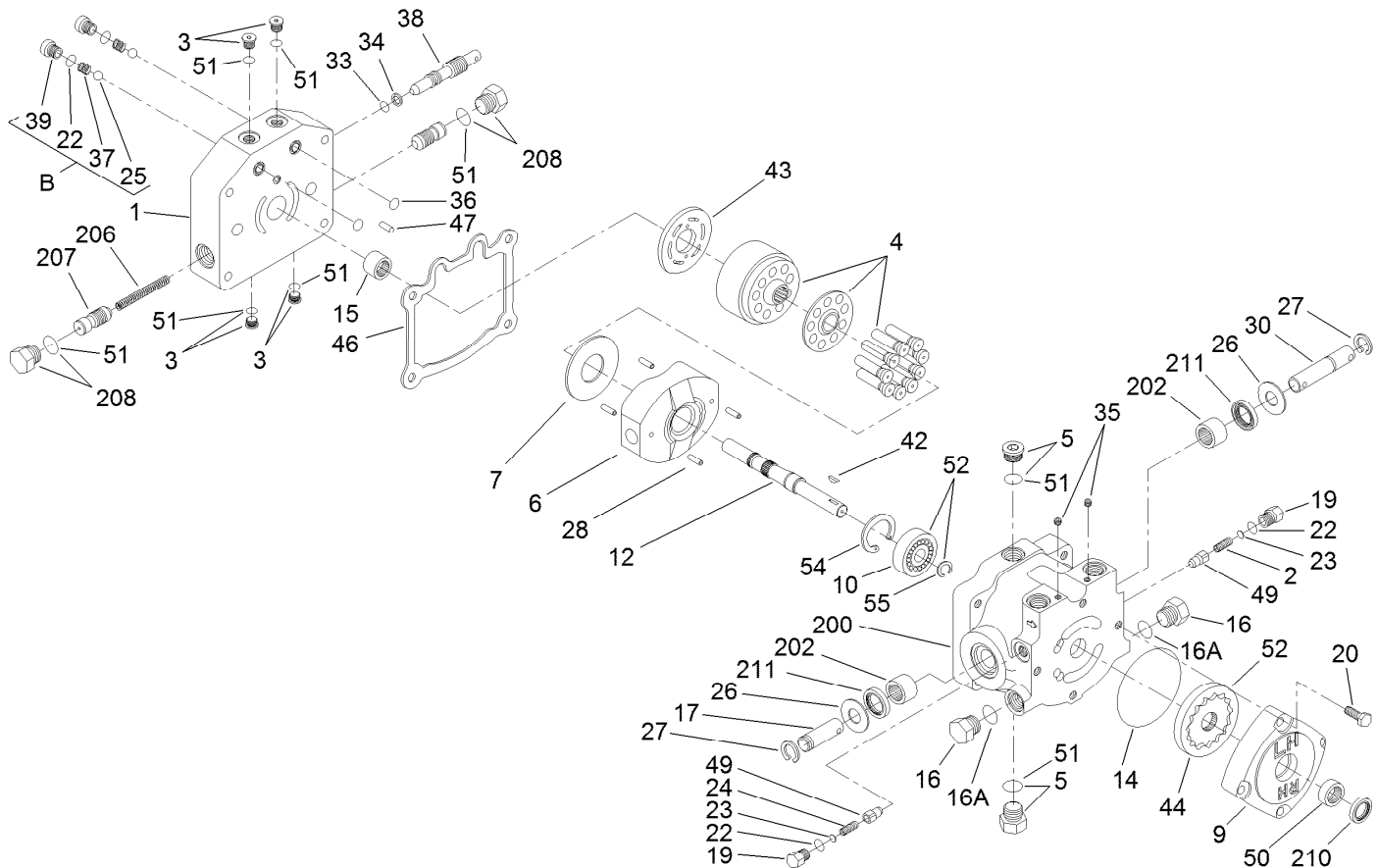
Ref.	Part Number	Qty.	Description
24:1	237-81	1	O-Ring
25	353-508	1	Plug-HH
25:1	237-42	1	O-Ring
26	353-987	1	Fitting-HYD, 90 DEG (Barbed)
26:1	237-81	1	O-Ring
27	3253-21	2	Washer-Lock
28	323-29	2	Screw-HH
29	119-2880	1	Transmission ASM
30	41-8760	1	Gasket
31	86-7220	1	Gear-Pinion
32	32120-72	1	Ring-Snap
33	32121-6	1	Pin-Roll, Slotted
34	340-77	1	Fitting-HYD, 90 DEG
34:1	237-22	1	O-Ring
34:2	237-42	1	O-Ring
35	340-99	1	Fitting-HYD, 90 DEG
35:1	237-30	1	O-Ring
35:2	237-42	1	O-Ring
36	110-9695	1	Hub-Pump
37	3257-32	1	Key-Woodruff
38	3241-5	2	Screw-Set



Transmission Pump Assembly

Ref.	Part Number	Qty.	Description
B	99-5689	1	Check Valve Kit
1	92-8918	1	Section-Center
2	25-2570	1	Spring-Valve
3	75-0170	4	Plug-Thread, Straight
4	48-1800	1	Cylinder Block Kit
5	67-9090	2	Plug ASM
6	25-2450	1	Plate-Swash, Variable
7	25-2380	1	Plate-Thrust
9	119-2874	1	Housing-Charge Pump
10	95-5809	1	Bearing-Ball
12	117-6999	1	Shaft-Pump
14	237-95	1	O-Ring
15	46-8400	1	Bearing-Shaft
16	353-551	2	Plug-HH
16A	237-80	2	O-Ring
17	25-2500	1	Shaft-Trunnion
19	25-2460	2	Plug-HH
20	322-4	4	Screw-HH
22	237-86	4	O-Ring
23	25-2470	2	Pack-Shim
24	25-2480	1	Spring-Valve

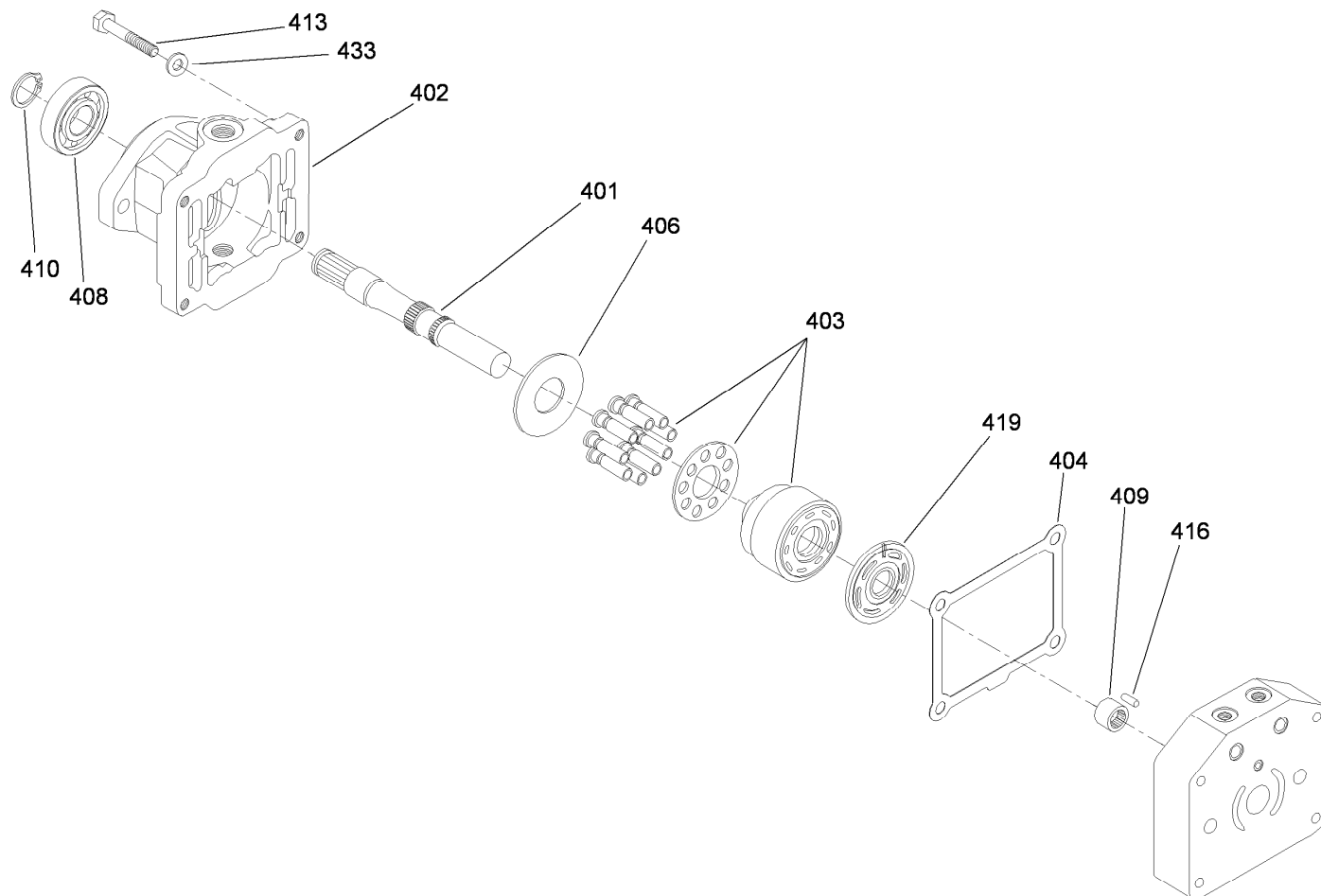
Ref.	Part Number	Qty.	Description
25	25-2490	2	Ball
26	25-2510	2	Washer-Flat
27	32151-46	2	Ring-Retaining
28	32121-91	4	Pin-Spring
30	25-2580	1	Shaft-Trunnion
33	237-22	1	O-Ring
34	25-2630	1	Ring-Back Up
35	285-17	4	Plug-Pipe
36	112-7652	2	O-Ring
37	25-2640	2	Spring-Valve
38	88-8220	1	Valve-By Pass
39	25-2650	2	Plug-Valve, Check
42	3257-32	1	Key-Woodruff
43	25-2440	1	Plate-Valve, Pump
44	95-5812	1	Gerotor ASM
46	25-2400	1	Gasket
47	25-2430	1	Pin-Dowel
49	83-7260	2	Cone-Relief, Charge
50	67-8050	1	Bearing-Needle
51	117-6992	1	Overhaul Seal Kit
52	119-2873	1	Charge Pump Kit



Transmission Pump Assembly (continued)

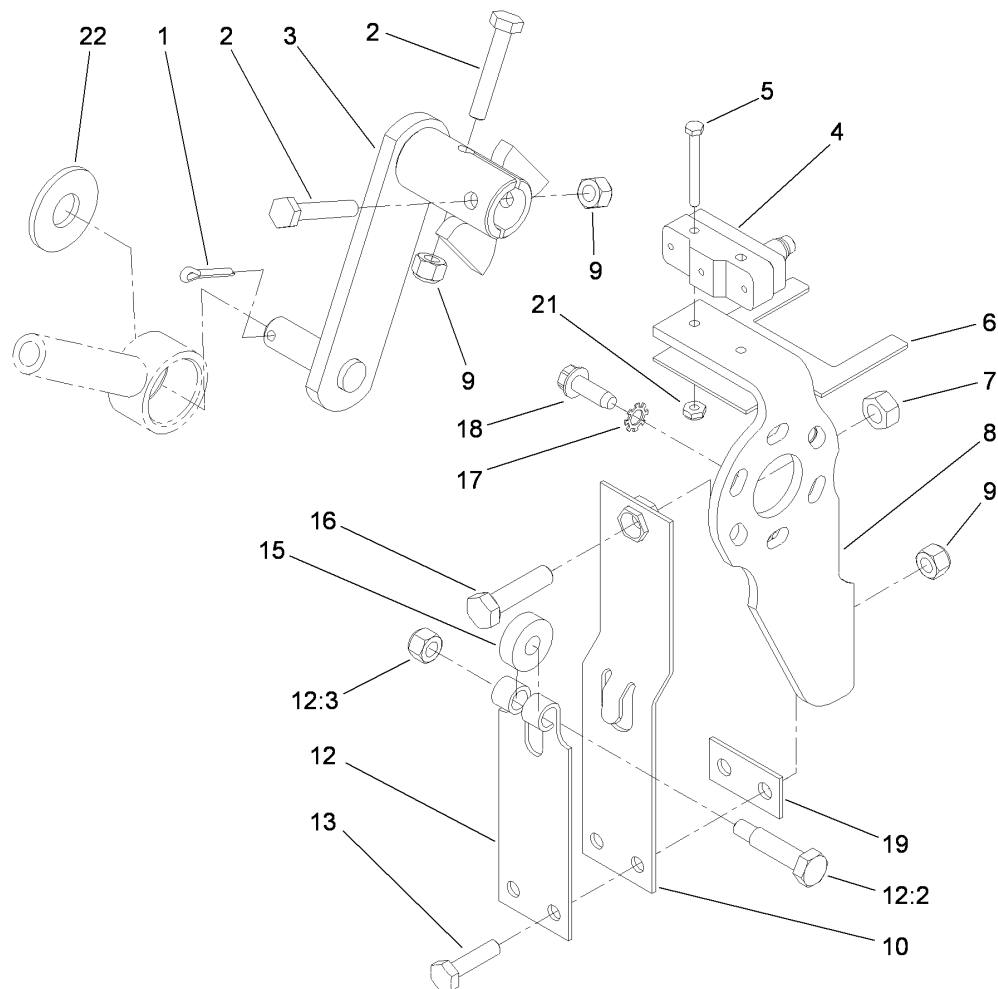
Ref.	Part Number	Qty.	Description
54	32151-75	1	Ring-Retaining
55	32151-83	1	Ring-Snap
200	117-2701	1	Housing
202	252-82	2	Bearing-Needle
206	25-2610	1	Spring-Valve

Ref.	Part Number	Qty.	Description
207	25-2410	2	Valve ASM
208	353-550	2	Plug-HYD, HH
210	93-4133	1	Seal-Lip
211	25-3210	2	Seal-Lip



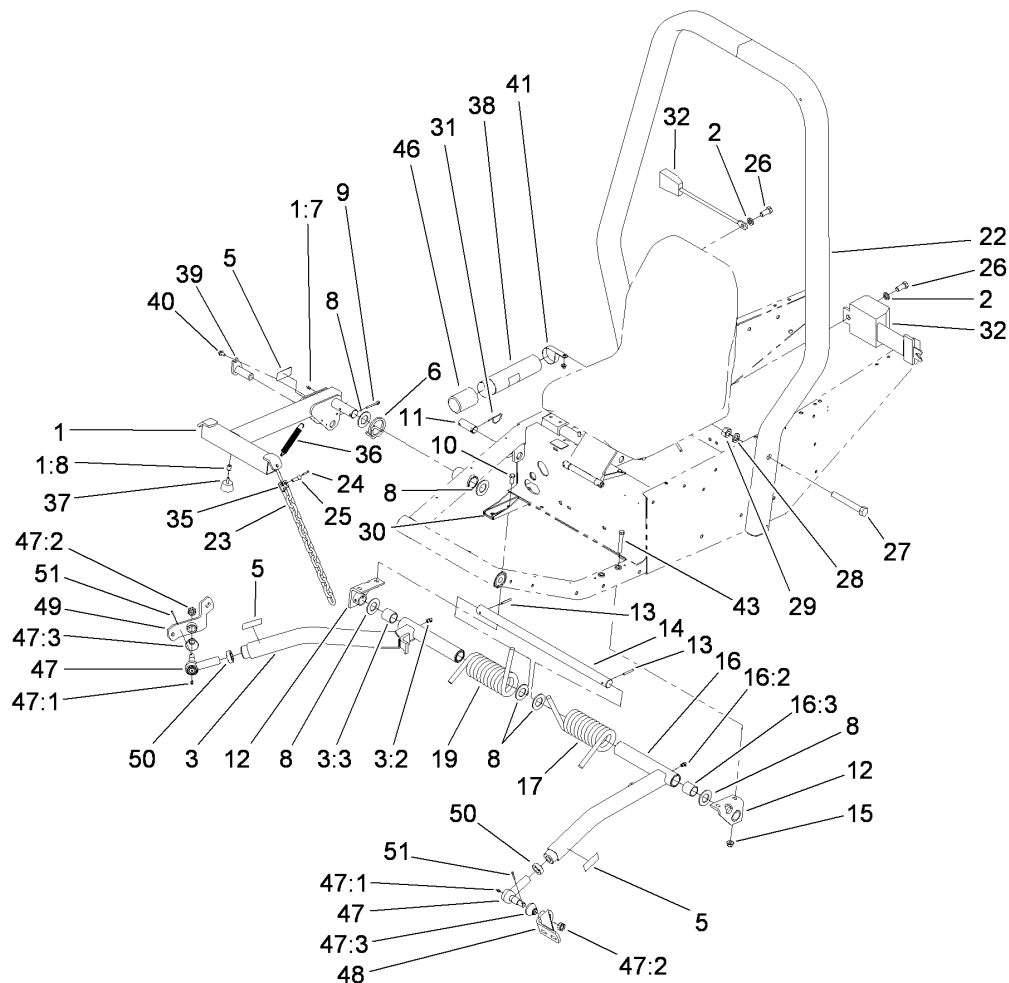
Transmission Motor Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
401	46-8410	1	Shaft-Motor
402	67-9080	1	Housing-Motor
403	48-1800	1	Cylinder Block Kit
404	67-9100	1	Gasket
406	25-2380	1	Plate-Thrust
408	72-3750	1	Bearing-Roller
409	46-8400	1	Bearing-Shaft
410	32120-8	1	Ring-Snap
413	323-56	4	Screw-HH
416	25-2430	1	Pin-Dowel
419	25-2390	1	Plate-Valve, Motor
433	93-0312	4	Washer-Hardened



Neutral Centering Device Assembly

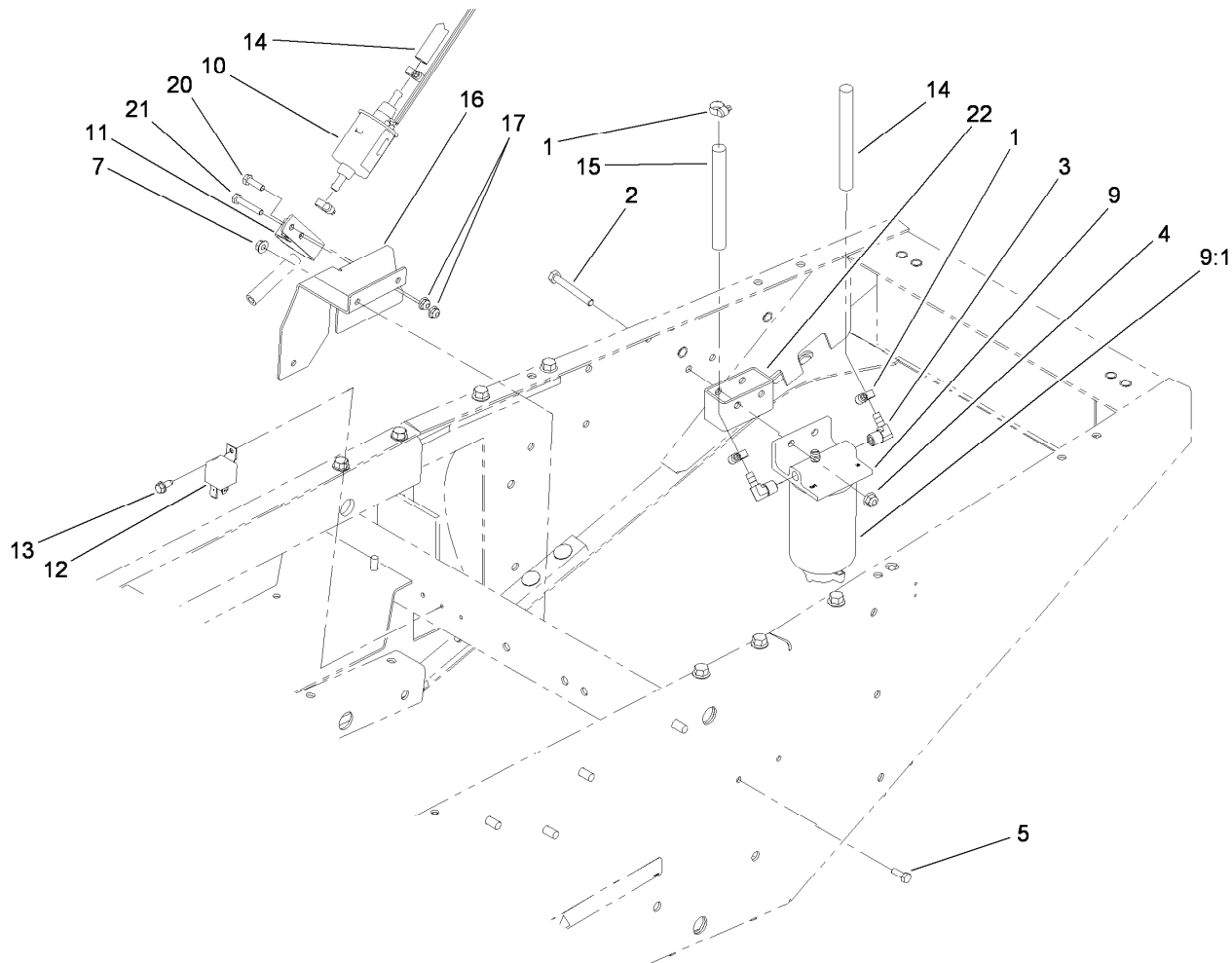
Ref.	Part Number	Qty.	Description
1	3272-10	1	Pin-Cotter
2	321-9	2	Screw-HH
3	108-6555-03	1	Pump Lever ASM
4	29-6163	1	Switch-Micro
5	32105-21	2	Screw-HH
6	46-8810	1	Stop-Spring, Leaf
7	3219-2	1	Nut-Hex
8	29-6120-03	1	Pump Plate ASM
9	3296-42	4	Nut-Lock, NI
10	29-6170	1	Extended Leaf Spring ASM
12	110-9650	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

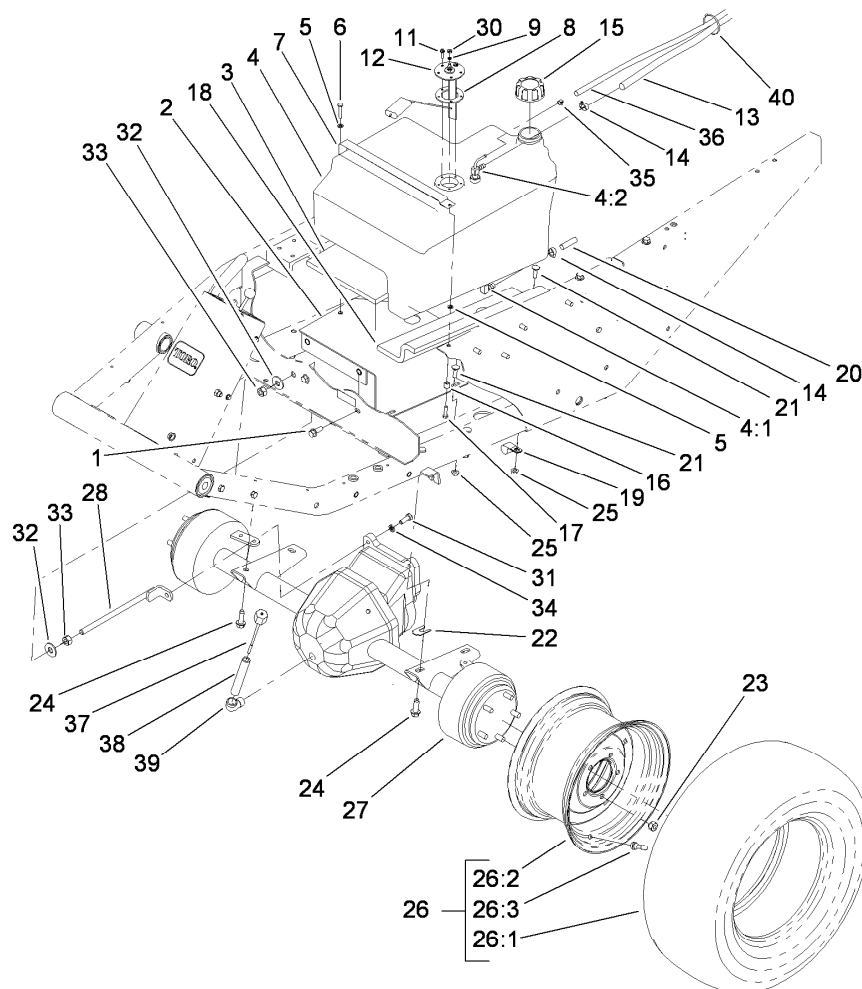
Ref.	Part Number	Qty.	Description
1	66-6370	1	Lift Arm ASM
1:7	302-5	1	Fitting-Grease
1:8	3290-472	1	Insert-Threaded
2	3253-6	2	Washer-Lock
3	66-7150	1	Arm-Push, RH
3:2	302-33	1	Fitting-Grease
3:3	256-126	2	Bushing
5	55-4300	3	Decal-Warning
6	46-8840-01	1	Spring-Lift Arm
8	5-1754	6	Washer-Flat
9	3272-33	1	Pin-Cotter
10	110-9672	2	Screw-HH
11	3-7292	1	Pin-Clevis
12	21-2860-01	2	Push Arm Bracket ASM
13	32121-84	2	Pin-Spiral
14	21-2990	1	Shaft-Pivot
15	110-9671	4	Nut-HF
16	21-2960	1	Arm-Push, LH
16:2	302-33	1	Fitting-Grease
16:3	256-126	2	Bushing
17	105-9550-01	1	Spring-Torsion, LH (Light)
17	21-2900-01	1	Spring-Torsion, LH
19	21-2890-01	1	Spring-Torsion, RH
22	99-1299-03	1	ROPS-2 Post
23	3-1365	3	Chain
24	3272-10	6	Pin-Cotter

Ref.	Part Number	Qty.	Description
25	283-10	6	Pin-Clevis
26	3212-4	2	Screw-HH
27	328-12	4	Screw-HH
28	3253-9	4	Washer-Lock
29	3217-12	4	Nut-Hex
30	23-1950-01	1	Support-Reinforcement
31	5-3126	2	Pin-Lynch
32	100-4928	1	Belt-Seat
35	5-2942	6	Shackle
36	21-1830	1	Spring-Extension
37	68-3270	1	Bumper-Rubber
38	104-7050	1	Tube-Manual
39	115-4549	1	Flag Pin ASM
40	32144-14	1	Screw-HWHTF
41	2412-133	2	R-Clamp
43	110-9673	2	Screw-HH
46	104-7048	1	Cap-Housing
47	86-8100	2	Joint-Ball
47:1	302-5	1	Fitting-Grease
47:2	32136-2	1	Nut-SHH
47:3	114-2874	1	Seal-Ball Joint
48	21-3050-01	1	LH Ball Jount Mount ASM
49	21-3020-01	1	Mount-Balljoint, RH
50	21-3000	2	Nut-HJ
51	3272-11	2	Pin-Cotter



Fuel Filter Assembly

Ref.	Part Number	Qty.	Description
1	2412-108	5	Clamp-Worm
2	322-12	2	Screw-HH
3	353-781	2	Fitting-Elbow
4	104-8300	2	Nut-Flange, NI
5	321-4	2	Screw-HH
7	32128-33	2	Nut-HF
9	110-9044	1	Filter-Separator
9:1	110-9049	1	Filter-Spin On
10	110-8806	1	Pump-Fuel
11	110-8817	1	Bracket-Pump, Fuel
12	99-7435	1	Relay-Power
13	32144-1	1	Screw-Taptite
14	110-7503	1	Hose-Fuel
15	110-4124	1	Hose-Fuel
16	115-0608-03	1	Bracket-Pump, Fuel
17	104-7201	2	Nut-HF
20	321-5	1	Screw-HH
21	321-9	1	Screw-HH
22	115-0607-03	1	Bracket-Pump, Fuel

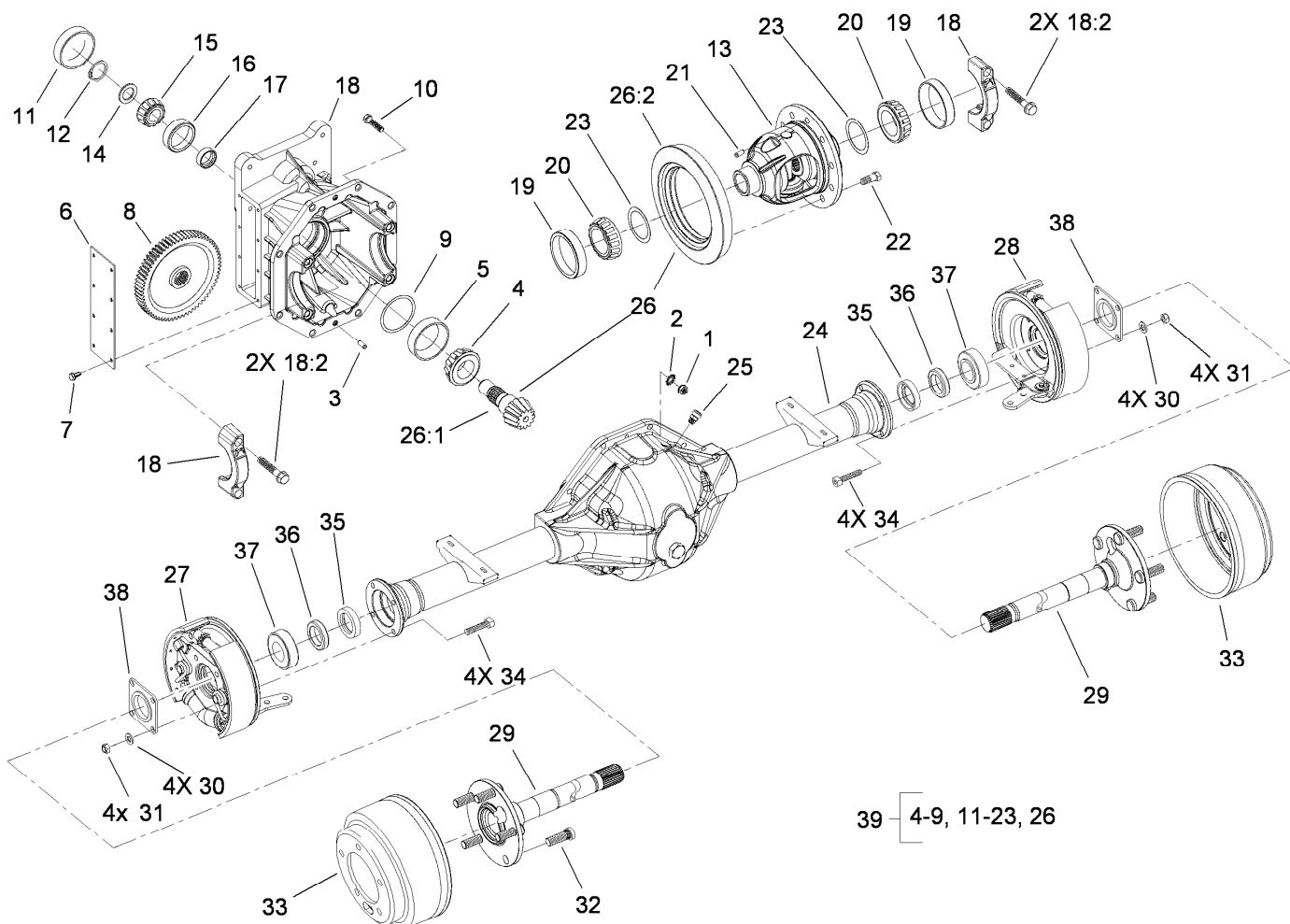


Fuel Tank and Front Axle Assembly

Ref.	Part Number	Qty.	Description
1	3234-11	2	Screw-HHF
2	68-9760	1	Fuel Tank Base ASM
3	21-3600	1	Foam-Support, Tank
4	115-4519	1	Fuel Tank ASM
4:1	115-4518	1	Pipe-Stand
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-Tank, Fuel
8	62-7650	1	Gasket
9	3253-17	1	Washer-Lock
11	32144-53	5	Screw-SHWH, Thd Form
12	105-2563	1	Sender-Fuel
13	110-4109	1	Hose-Fuel
14	2412-108	2	Clamp-Worm
15	55-3572	1	Fuel Cap ASM
16	22-7810	1	Spacer
17	321-6	1	Screw-HH
18	21-3610	1	Foam-Support, Tank
19	2412-4	1	Clamp
20	109-0274	1	Hose-Fuel
21	3230-2	3	Bolt-CARR

Ref.	Part Number	Qty.	Description
22	42-6080	1	Shim-Axle
23	23-7270	10	Nut-Wheel
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

● Not serviced separately

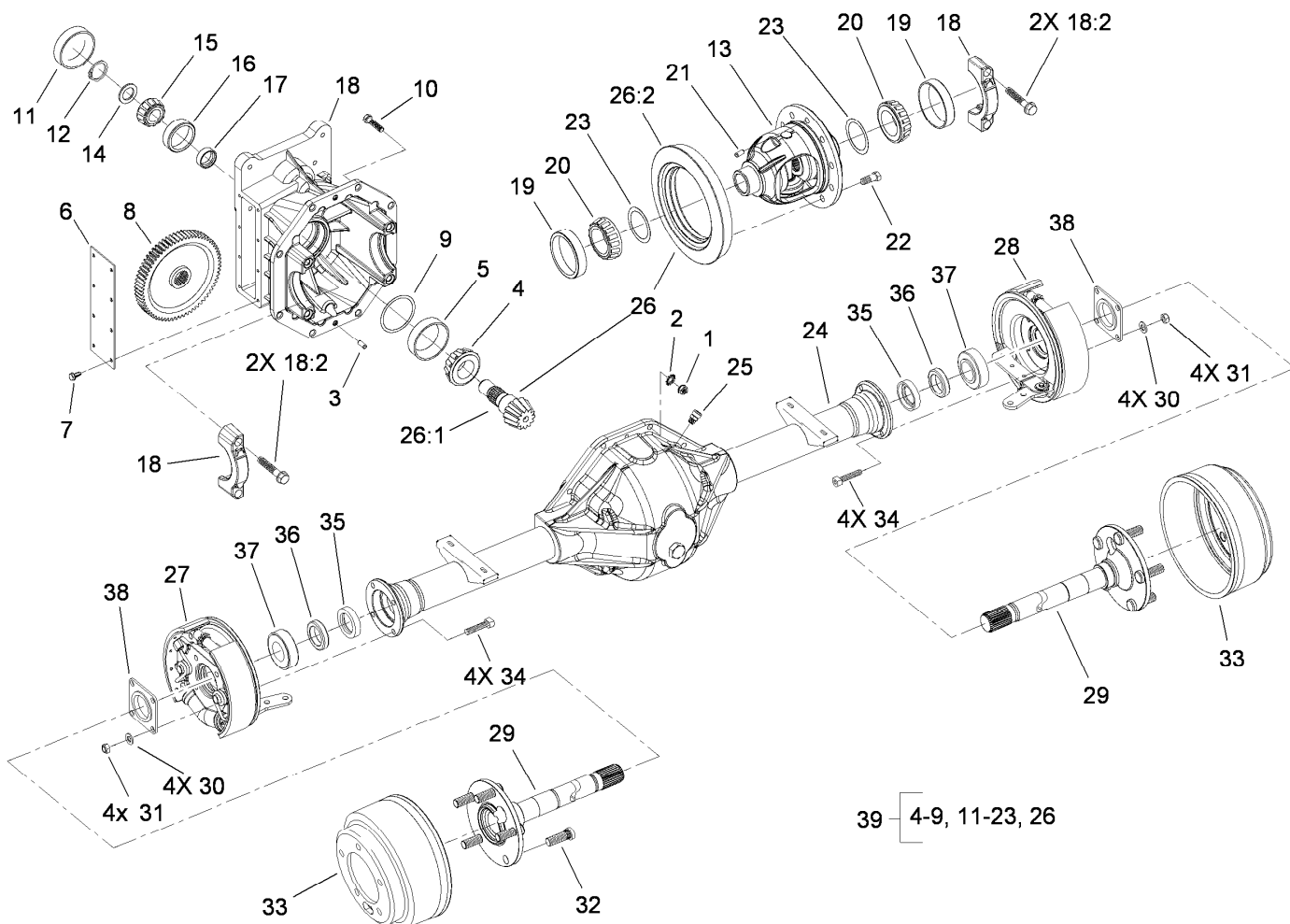


Front Axle Assembly No. 86-9600-03

Ref.	Part Number	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	46-2224	1	Shim-Front Bearing, .053
14	46-2223	1	Shim-Front Bearing, .051
14	46-2226	1	Shim-Front Bearing, .057

Ref.	Part Number	Qty.	Description
14	46-2225	1	Shim-Front Bearing, .055
14	46-2222	1	Shim-Front Bearing, .049
14	46-2221	1	Shim-Front Bearing, .047
14	46-2220	1	Shim-Front Bearing, .045
15	254-91	1	Cone-Bearing
16	254-90	1	Bearing-Cup
17	21-8020	1	Spacer-Bearing
18	86-9580	1	Upper Housing Sub ASM
18:2	92-1773	4	Screw-HHF
19	254-66	2	Cup-Bearing, Roller
20	254-65	2	Bearing-Roller, Cone
21	32121-15	1	Pin-Roll
22	21-7770	5	Screw-Gear, Drive
23	21-8120	1	Shim-Bearing, Differential (.030)
23	21-8110	1	Shim-Bearing, Differential (.010)
23	21-8100	1	Shim-Bearing, Differential (.005)
23	21-8090	1	Shim-Bearing, Differential (.003)
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 ●

● Not serviced separately

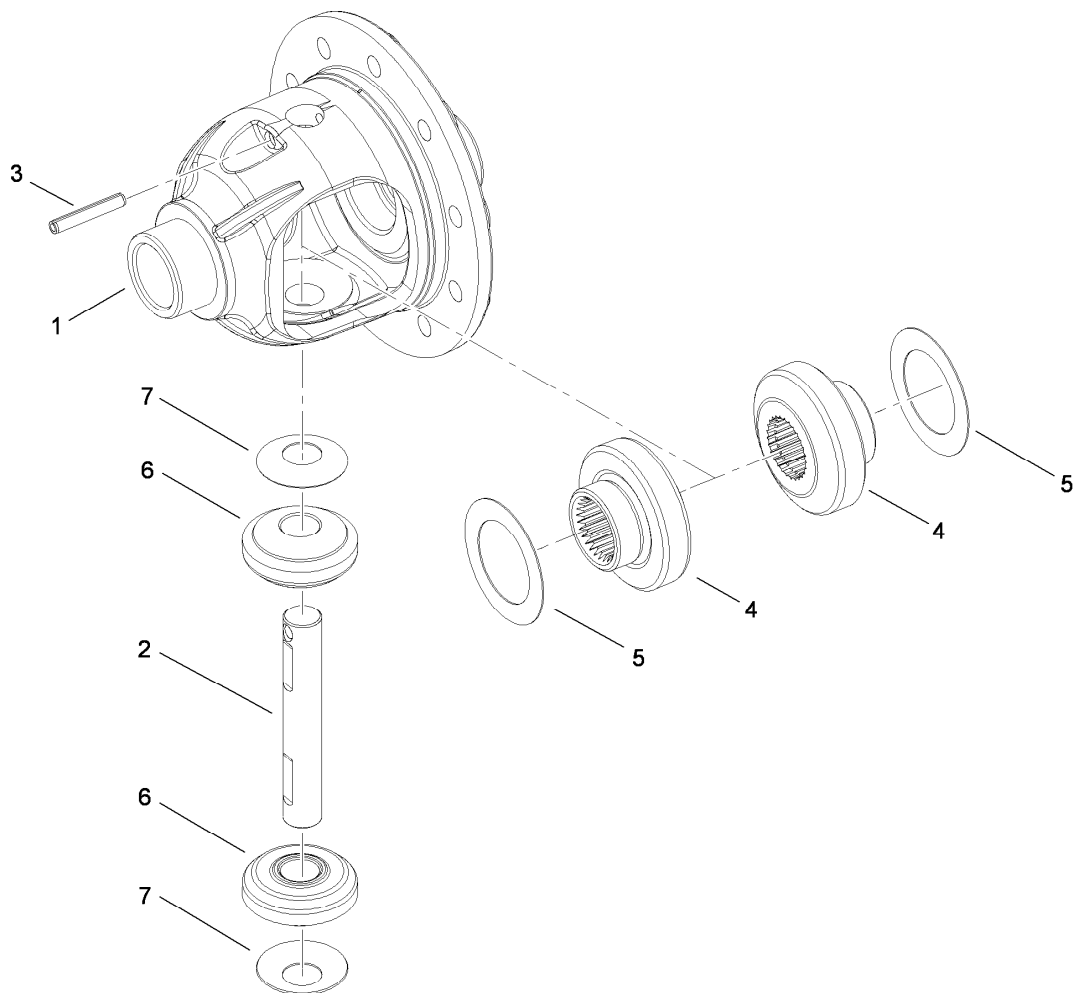


Front Axle Assembly No. 86-9600-03 (continued)

Ref.	Part Number	Qty.	Description
27	84-8570	1	RH Brake ASM
28	84-8580	1	LH Brake ASM
29	28-0650	1	Shaft-Axle, Flanged
30	94-6936	8	Washer-Hardened
31	94-6935	8	Locknut
32	242-34	10	Stud-Drive
33	28-0680-03	2	Drum-Brake

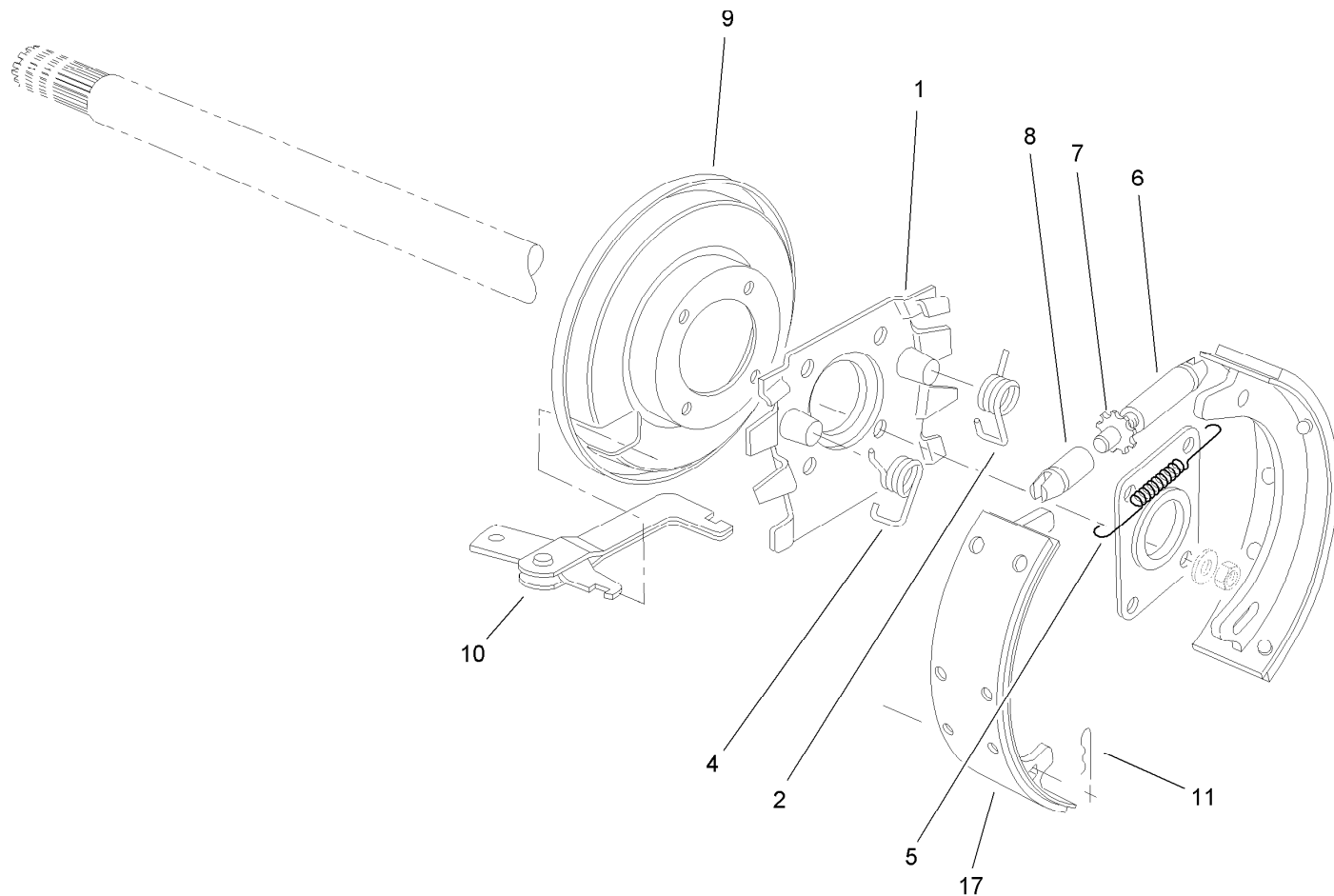
Ref.	Part Number	Qty.	Description
34	94-6934	8	Screw-HH
35	24-8840	2	Ring-Retaining, Wheel Bearing
36	99-6969	2	Seal-Oil, Wheel End
37	21-8180	2	Bearing ASM
38	28-0670	2	Seal-Grease
39	92-4903	1	Differential Carrier ASM

● Not serviced separately



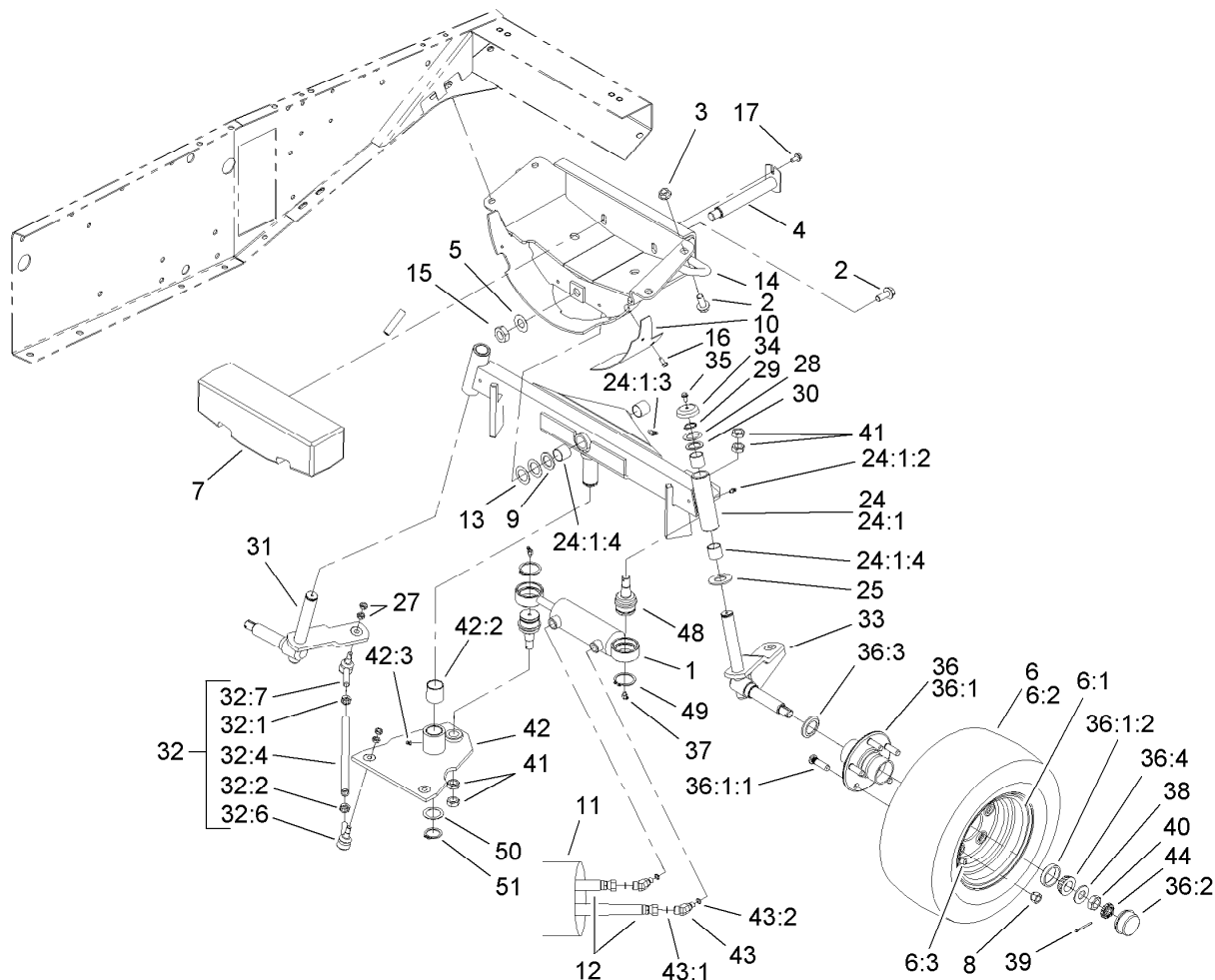
Differential Case Assembly No. 110-4136

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	21-7670	1	Case-Differential
2	21-7700	1	Shaft-Mate, Pinion
3	42150	1	Pin-Lock, Pinion
4	110-3078	2	Gear-Differential
5	110-3077	2	Washer-Thrust
6	110-3079	2	Pinion-Differential
7	21-7730	2	Washer-Thrust, Pinion



Front Axle Brake Assembly

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

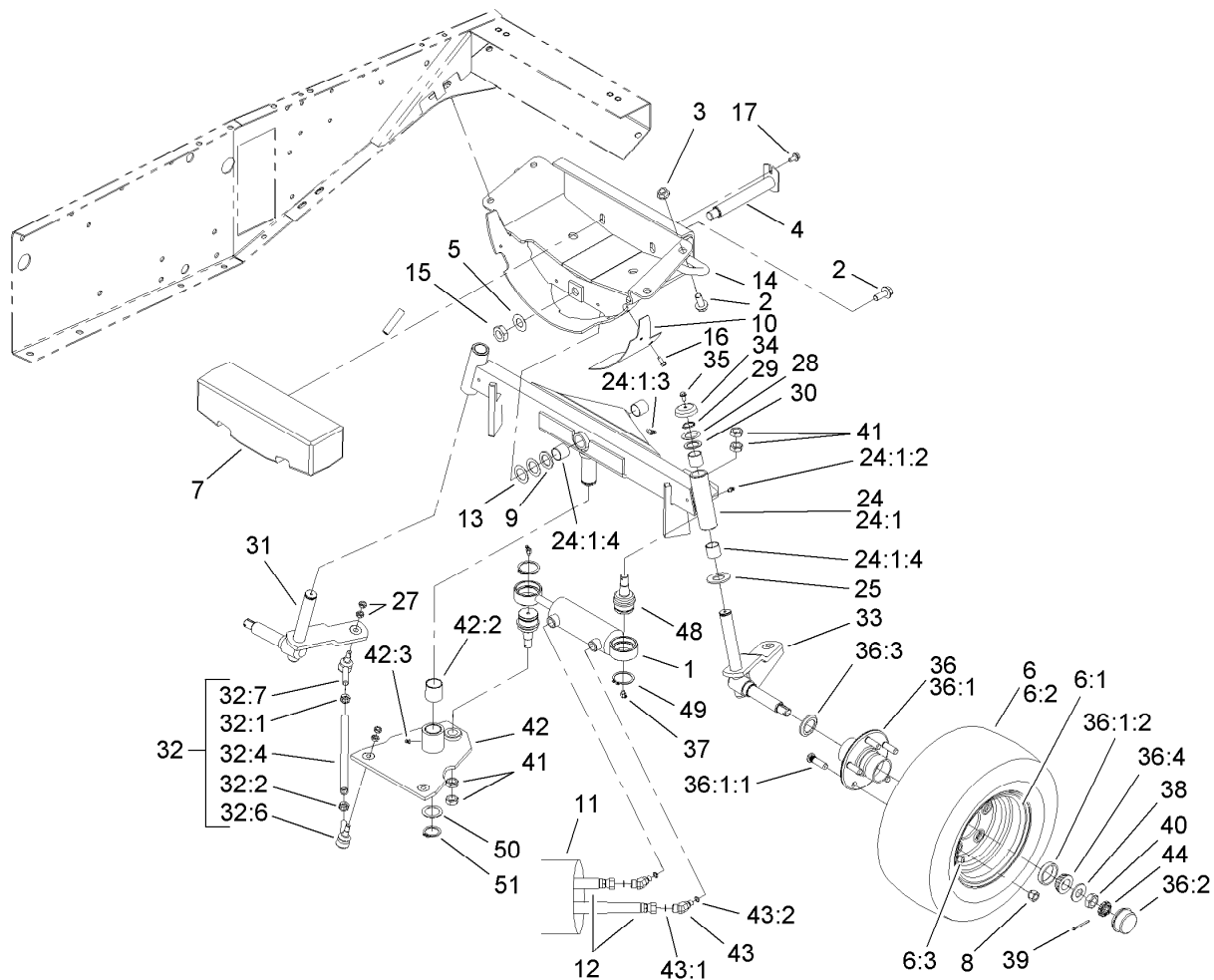


Rear Axle Assembly

Ref.	Part Number	Qty.	Description
1	115-4524	1	Cylinder-Hydraulic
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
6		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
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

Ref.	Part Number	Qty.	Description
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 ●
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

● Not serviced separately

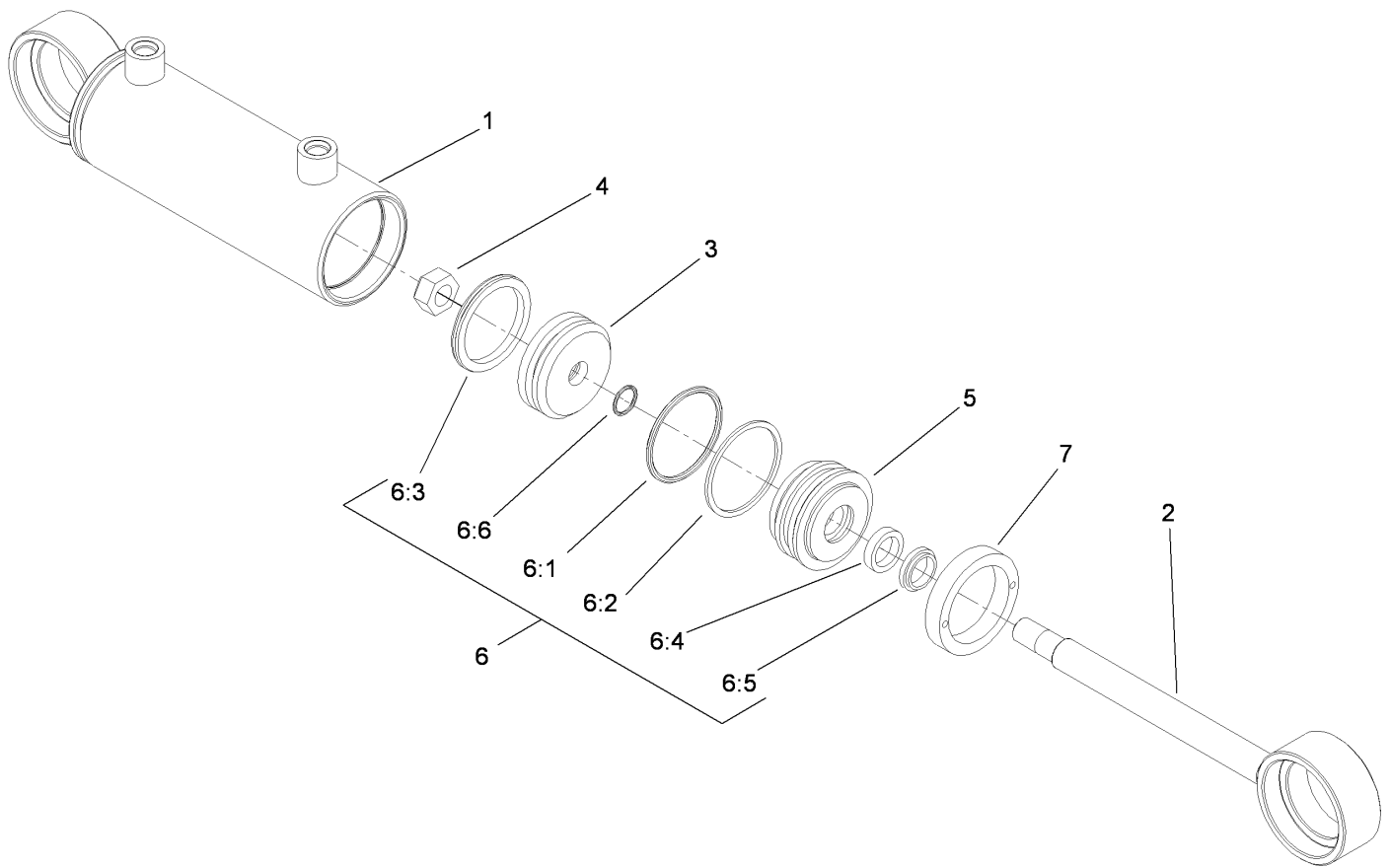


Rear Axle Assembly (continued)

Ref.	Part Number	Qty.	Description
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

Ref.	Part Number	Qty.	Description
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

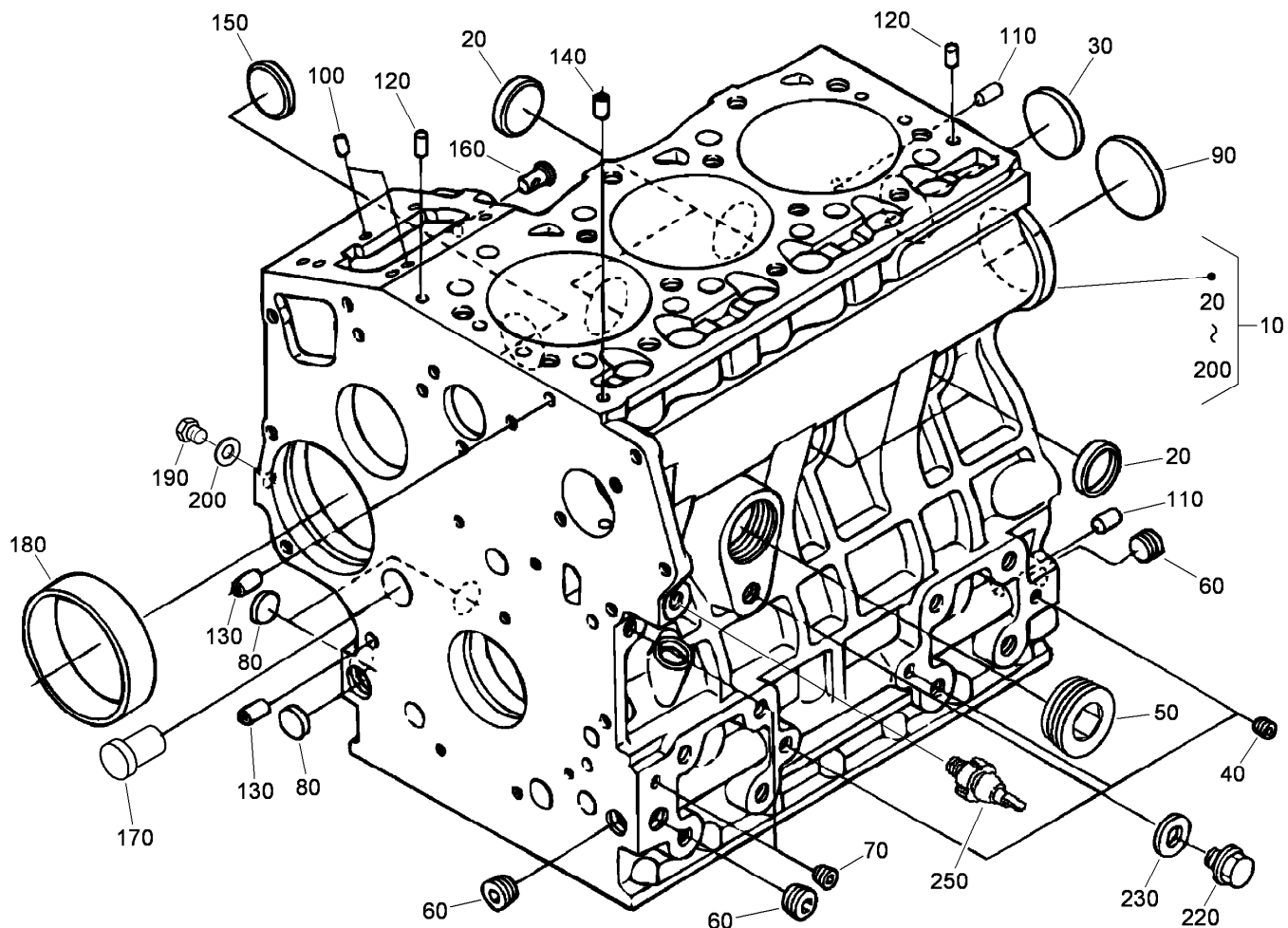
● Not serviced separately



Hydraulic Cylinder Assembly No. 115-4524

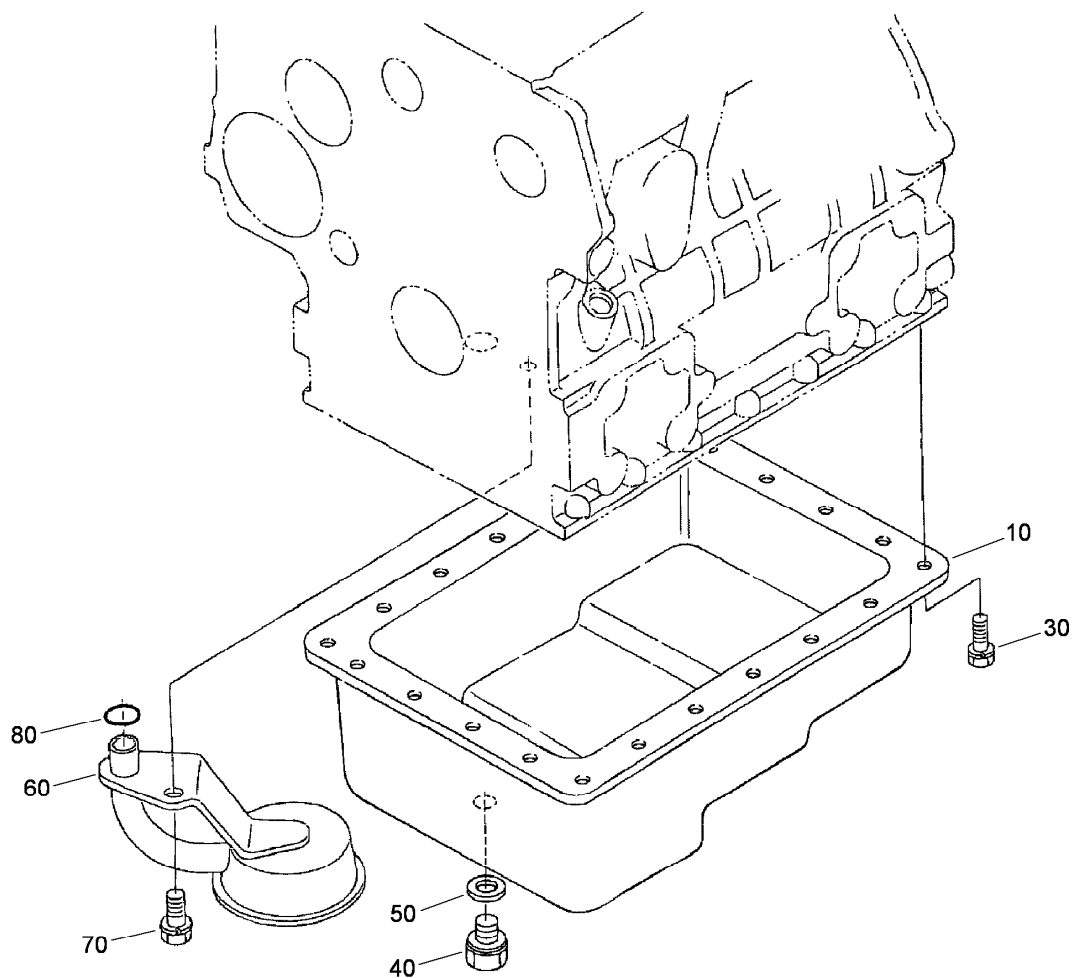
Ref.	Part Number	Qty.	Description
1		1	Barrel Assembly ●
2		1	Shaft Assembly ●
3		1	Piston ●
4		1	Nut-Lock ●
5		1	Head ●
6	115-4526	1	Seal Kit
6:1		1	O-Ring ●
6:2		1	Backup ●
6:3		1	Bp Seal ●
6:4		1	Bs-Seal ●
6:5		1	Dust Seal - Dt ●
6:6		1	O-Ring ●
7		1	Collar-Internal ●

● Not serviced separately



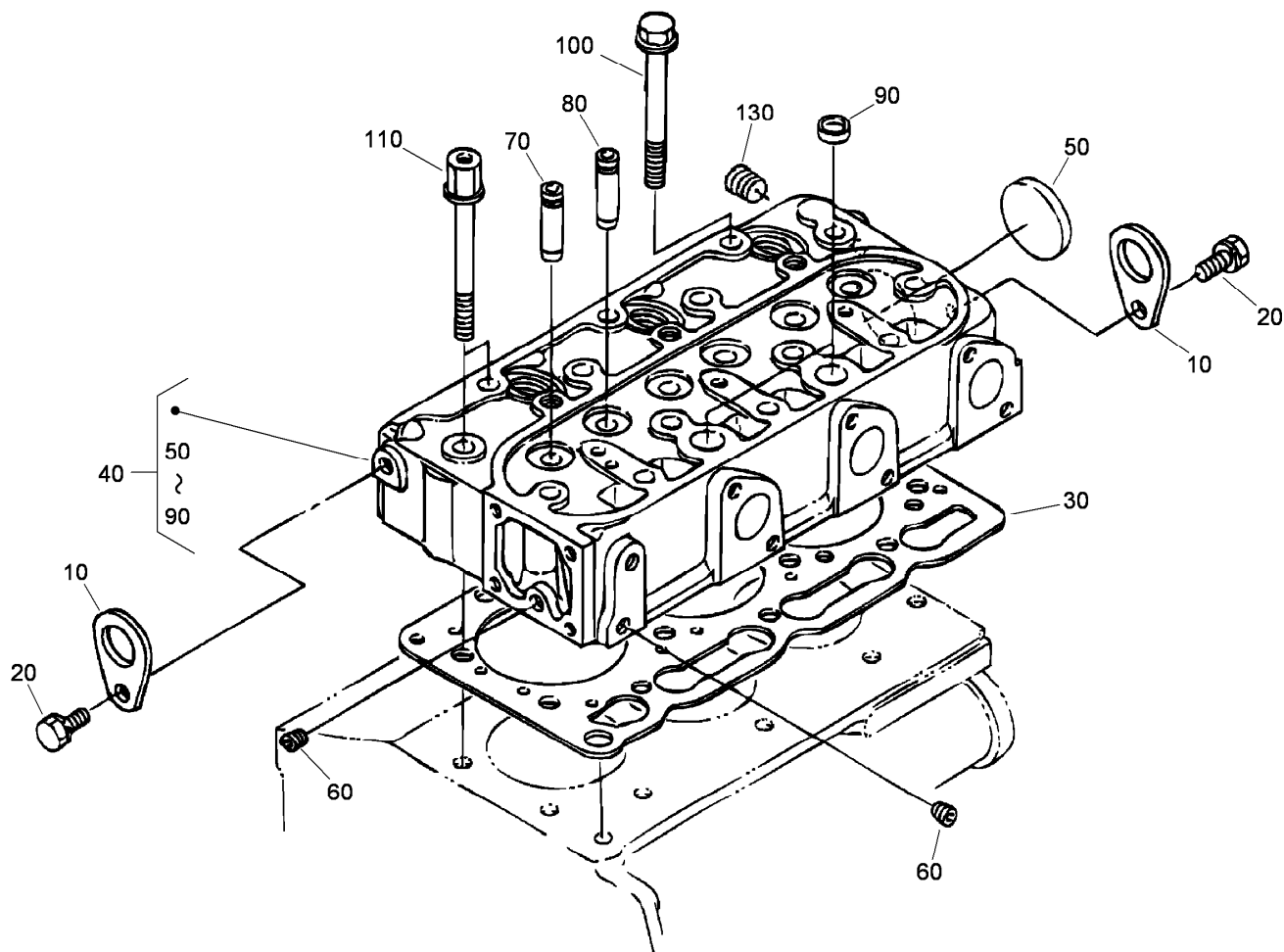
Crankcase Assembly

Ref.	Part Number	Qty.	Description
10	108-6571	1	Crankcase ASM
20	98-9398	4	Cap-Sealing
30	98-7539	1	Cap-Sealing
40	98-9687	3	Plug
50	105-3779	1	Plug
60	98-9597	3	Plug
70	98-7487	2	Plug
80	98-9379	3	Plug-Expansion
90	98-9668	1	Plug-Expansion
100	98-9375	2	Pin-Straight
110	98-9377	2	Pin-Straight
120	98-7504	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



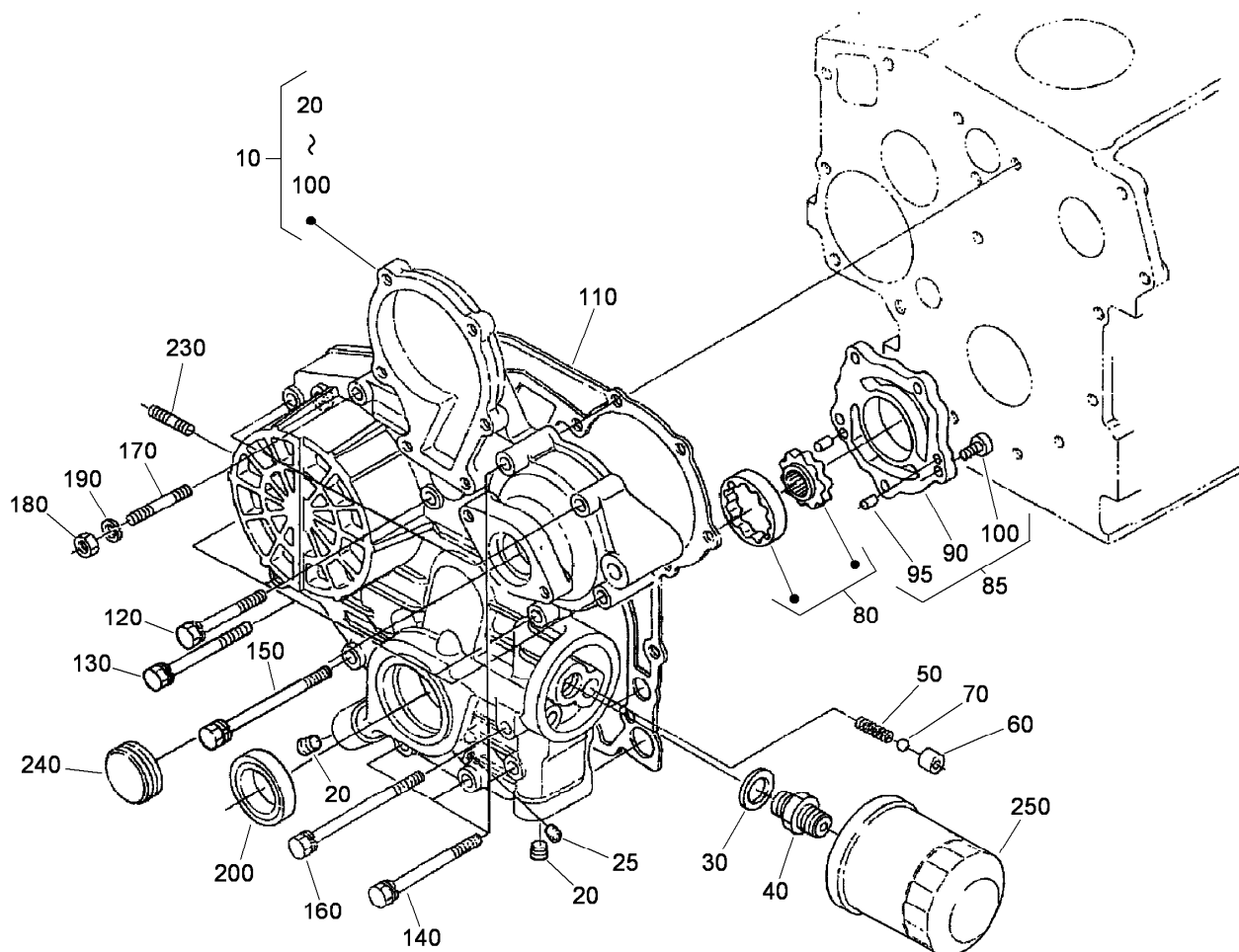
Oil Pan Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	104-3495	1	Pan-Oil
30	107-9065	22	Bolt
40	114-8151	1	Plug-Drain
50	98-7524	1	Gasket
60	104-3496	1	Filter-Pickup, Oil
70	98-7526	1	Bolt
80	105-3776	1	O-Ring



Cylinder Head Assembly

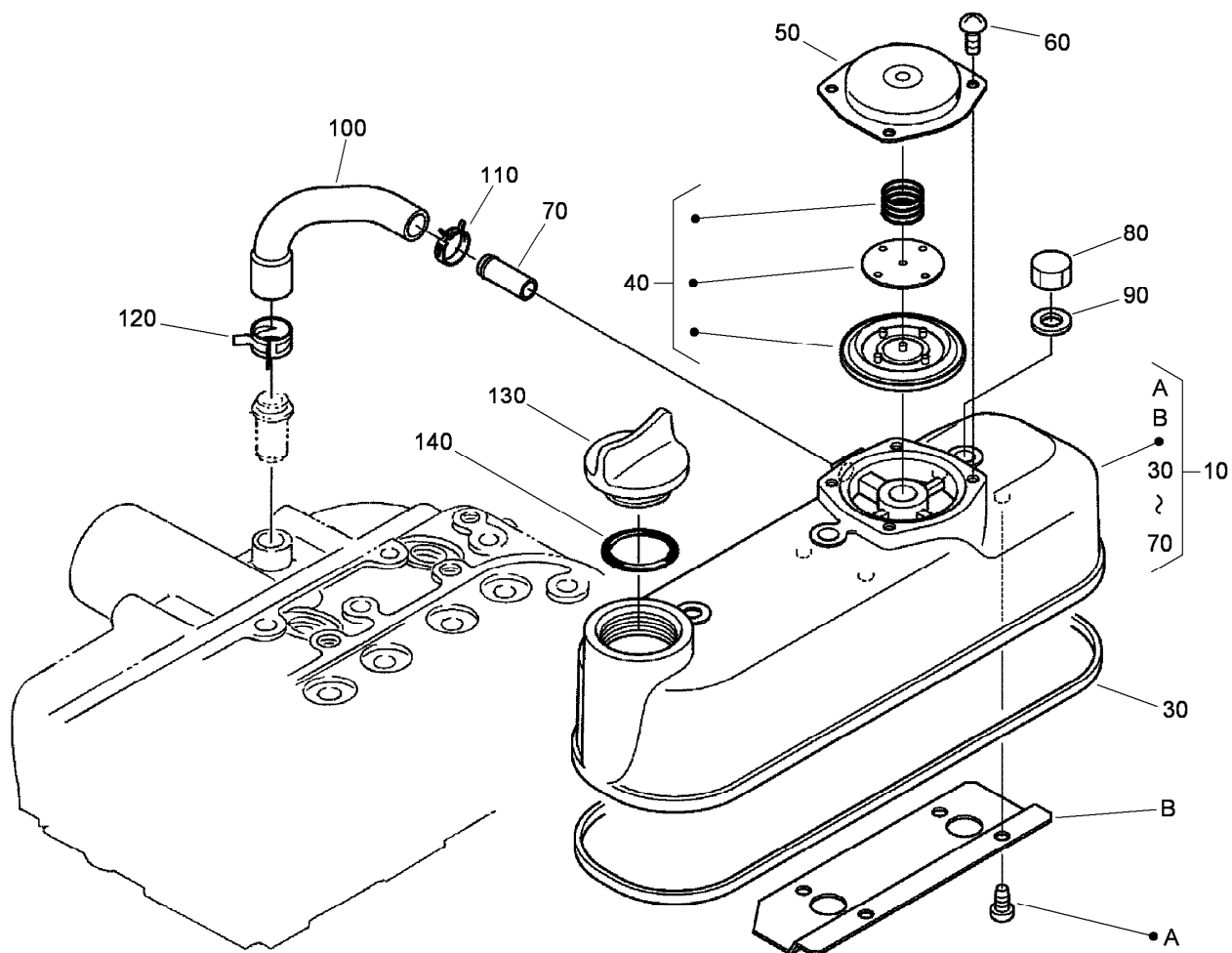
Ref.	Part Number	Qty.	Description
10	98-7531	2	Hook-Engine
20	100-9195	2	Bolt
30	108-6573	1	Gasket-Head, Cylinder
40	108-6574	1	*obs* Cylinder Head ASM
50	105-3705	1	Cap-Sealing
60	98-9687	2	Plug
70	107-9066	3	Guide-Valve, Inlet
80	107-9067	3	Guide-Valve, Exhaust
90	98-9389	2	Cap-Sealing
100	98-9479	1	Bolt-Head, Cylinder
110	98-9647	2	Bolt-Head, Cylinder
130	98-9444	1	Plug



Gear Case Assembly

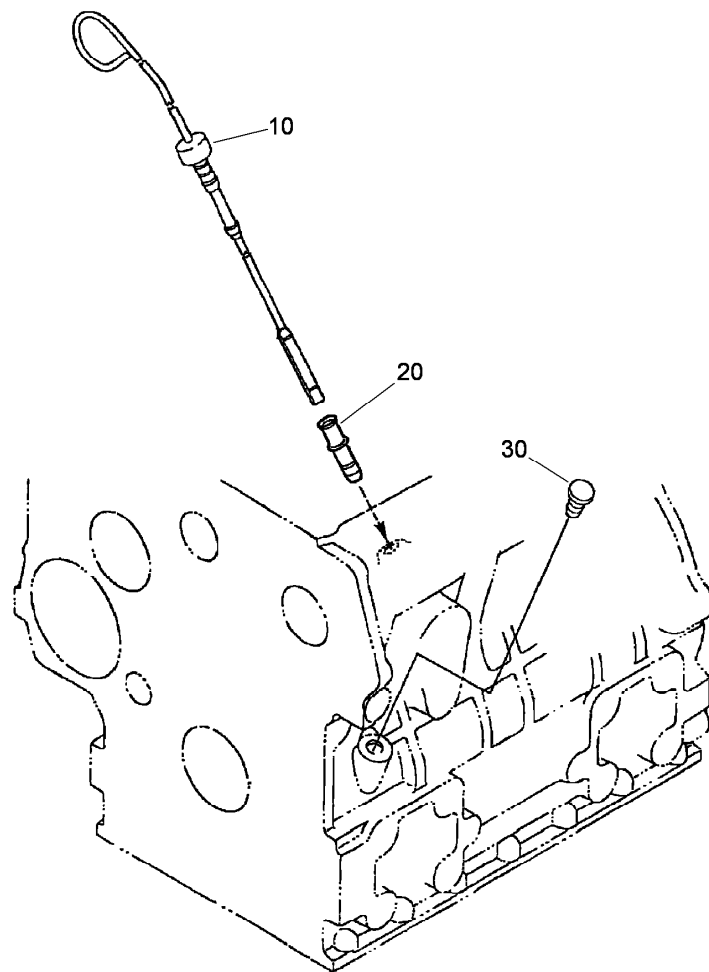
Ref.	Part Number	Qty.	Description
10	115-4105	1	Gear Case ASM
20	98-9598	2	Plug
25	98-7487	1	Plug
30	98-7562	1	Washer-Plain
40	98-9388	1	Joint-Pipe
50	98-9544	1	Spring
60	98-9543	1	Seat-Valve
70	98-9380	1	Ball
80	98-9540	1	Oil Pump Rotor ASM
85	115-4501	1	Pump Cover ASM
90	107-9069	1	Cover-Pump, Oil
95	107-9072	2	Pin-Straight
100	107-9071	5	Screw

Ref.	Part Number	Qty.	Description
110	98-9633	1	Gasket-Case, Gear
120	107-9073	3	Bolt
130	105-3797	4	Bolt
140	98-9356	4	Bolt
150	107-9074	1	Bolt
160	98-9586	1	Bolt
170	105-3709	1	Stud
180	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
250	108-3841	1	Filter-Oil



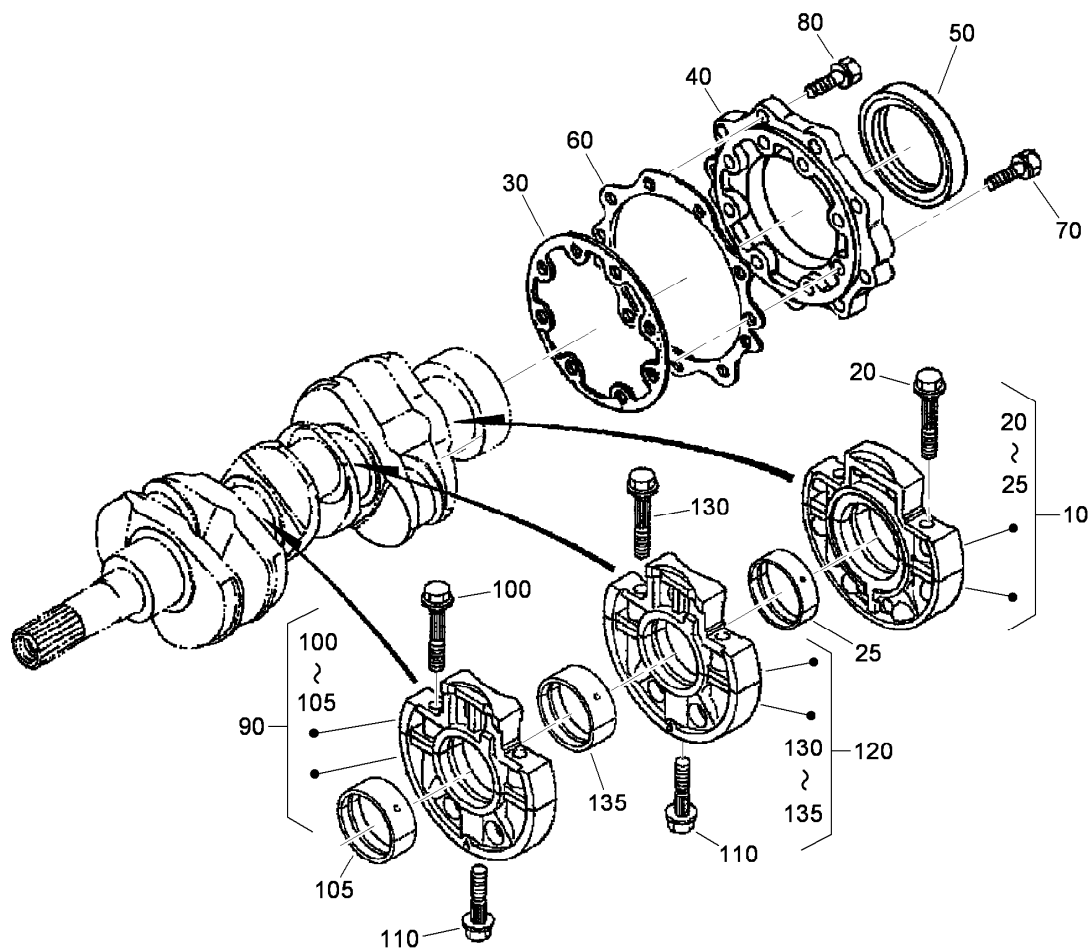
Cylinder Head Cover Assembly

Ref.	Part Number	Qty.	Description
10	108-6575	1	Cylinder Head Cover ASM
30	98-9615	1	Gasket-Cover, Head
40	108-2861	1	Breather Valve ASM
50	110-3714	1	Cover-Breather
60	98-9364	4	Screw (With Washer)
70	98-7766	1	Pipe-Return, Water
80	98-9455	3	Nut-Cap
90	98-9454	3	Gasket
100	108-2858	1	Tube-Breather
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



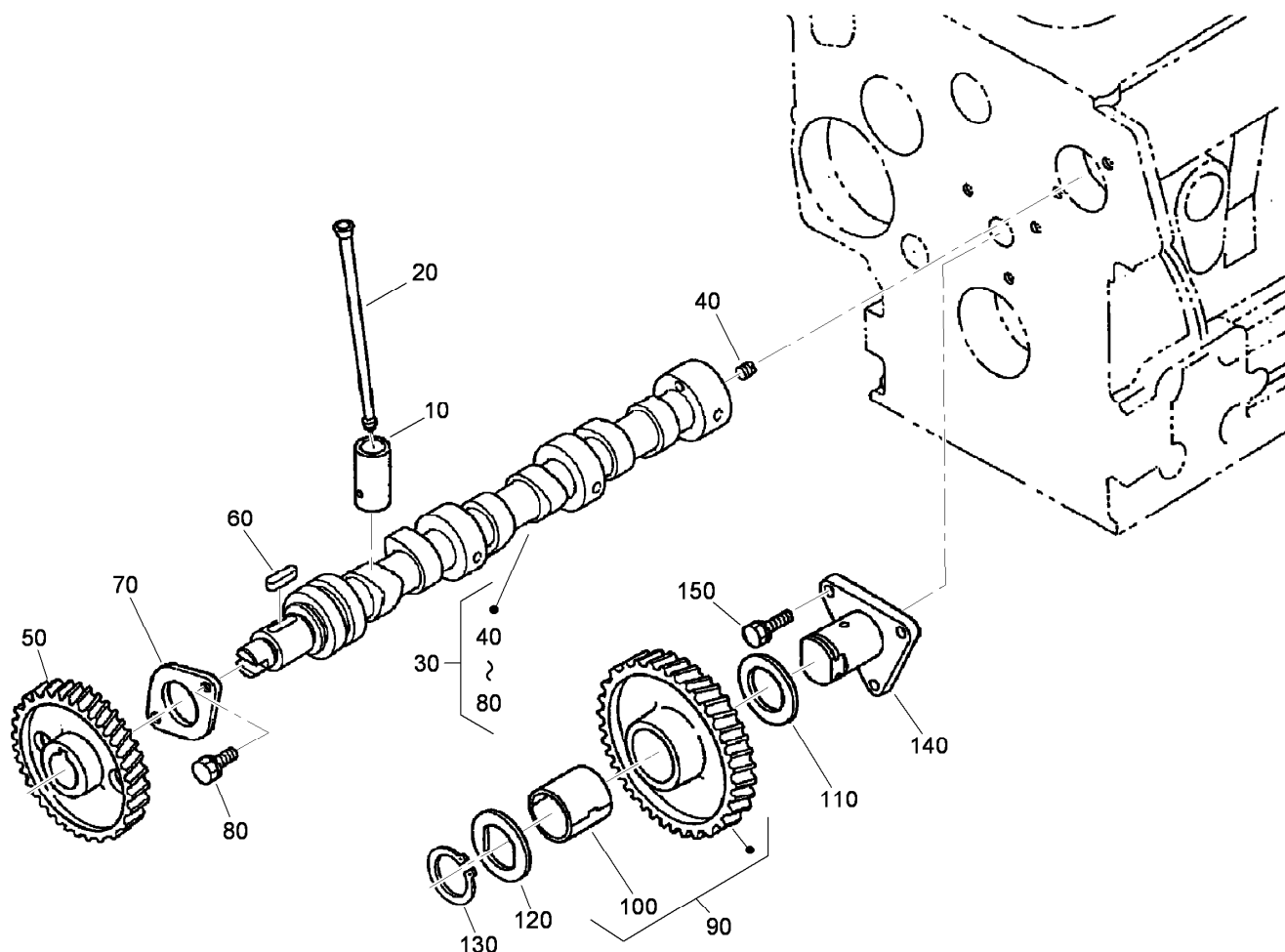
Dipstick and Guide Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	107-9076	1	Gauge-Oil
20	105-4580	1	Guide-Gauge, Oil
30	110-3720	1	Plug-Gauge, Oil



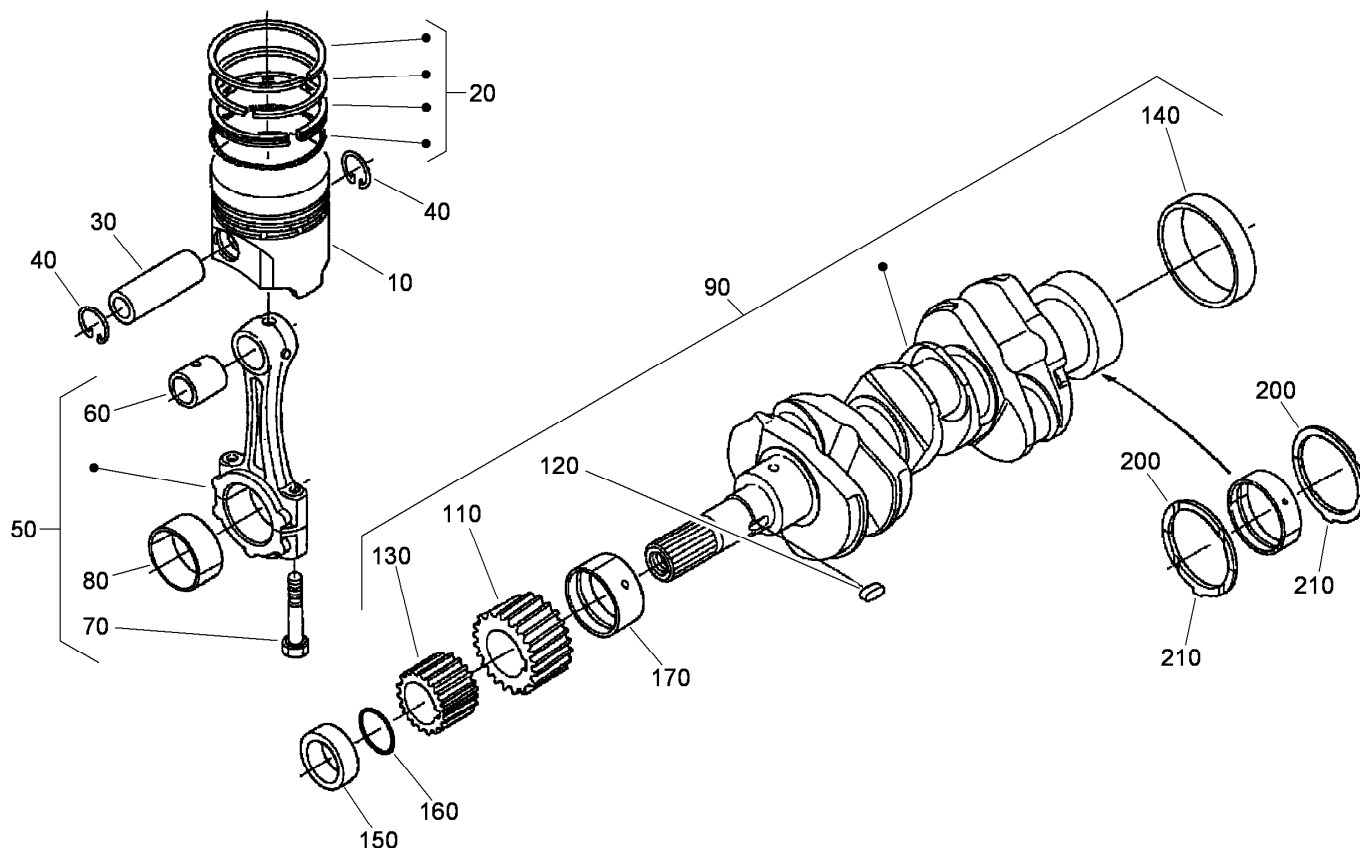
Main Bearing Case Assembly

Ref.	Part Number	Qty.	Description
10	112-7026	1	Wheel Bearing Case ASM
20	98-9484	6	Bolt-Case, Bearing
25	112-7006	1	Bearing-Main (STD)
25	112-7007	1	Metal-Crankshaft (.2Mm)
25	112-7008	1	Metal-Crankshaft (.4Mm)
30	98-9634	1	Gasket-Case, Bearing
40	98-9487	1	Cover-Case, Bearing
50	112-0180	1	Seal-Oil
60	98-9635	1	Gasket-Cover, Bearing Case
70	98-9352	8	Bolt
80	98-7568	9	Bolt
90	115-4106	1	Main Bearing Case ASM
100	98-9484	2	Bolt-Case, Bearing
105	98-9524	1	Metal-Crankshaft (STD Set)
105	98-9530	1	Bearing-Main (0.2Mm)
105	98-9531	1	Bearing-Main (0.4Mm)
110	98-9485	2	Bolt-Case, Bearing
120	115-4107	1	Main Bearing Case ASM
130	98-9484	2	Bolt-Case, Bearing
135	98-9524	1	Metal-Crankshaft (STD Set)
135	98-9530	1	Bearing-Main (0.2Mm)
135	98-9531	1	Bearing-Main (0.4Mm)



Cam Shaft and Idle Gear Assembly

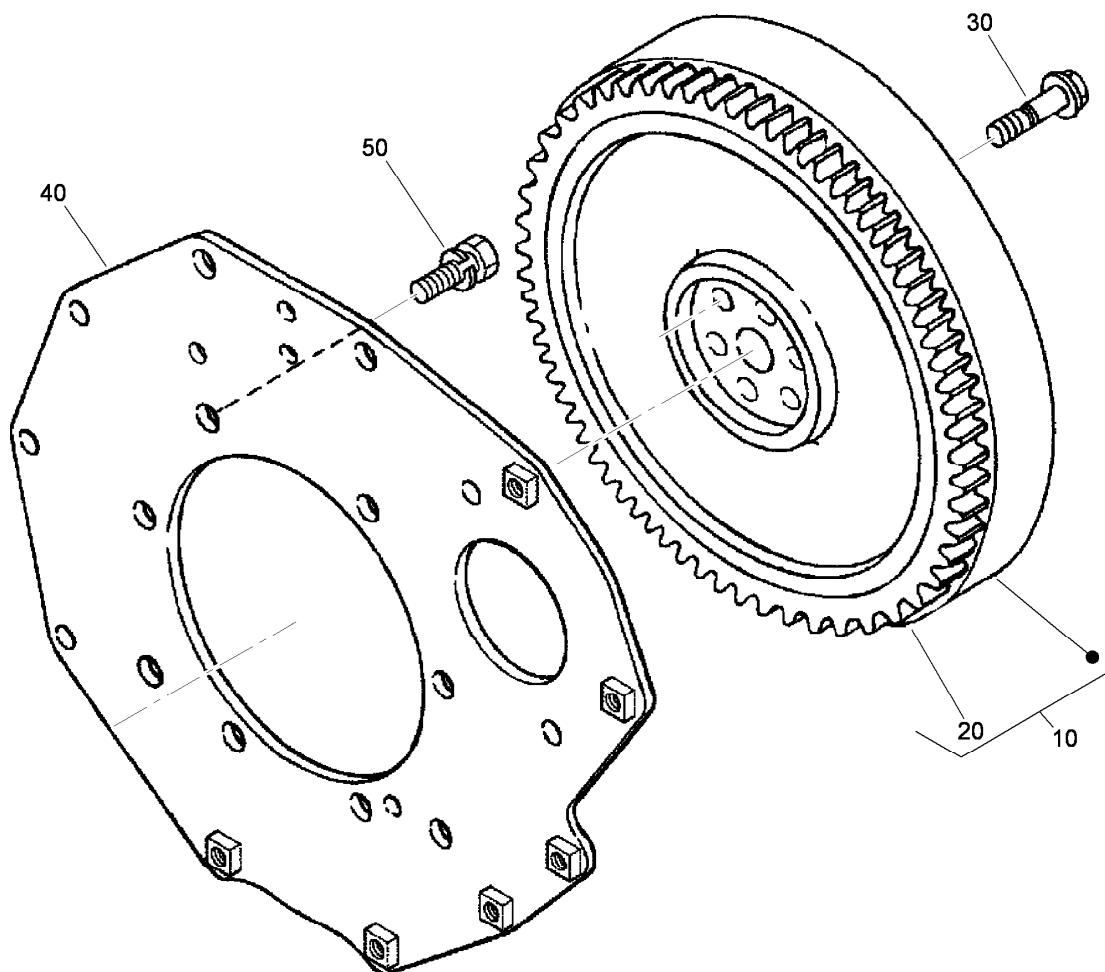
Ref.	Part Number	Qty.	Description
10	112-0185	6	Tappet
20	98-9509	6	Rod-Push
30	108-6576	1	Camshaft ASM
40	98-7449	1	Screw-Set
50	98-9512	1	Gear-Cam
60	98-9378	1	Key-Feather
70	98-9510	1	Stopper-Camshaft
80	98-9351	2	Bolt
90	98-9649	1	Idle Gear ASM
100	98-9650	1	Bushing-Gear, Idle
110	98-9535	1	Collar-Gear, Idle
120	98-9536	1	Collar-Gear, Idle
130	98-9534	1	Circlip-Gear, Idle
140	98-9533	1	Shaft-Gear, Idle
150	98-7692	3	Bolt



Piston and Crankshaft Assembly

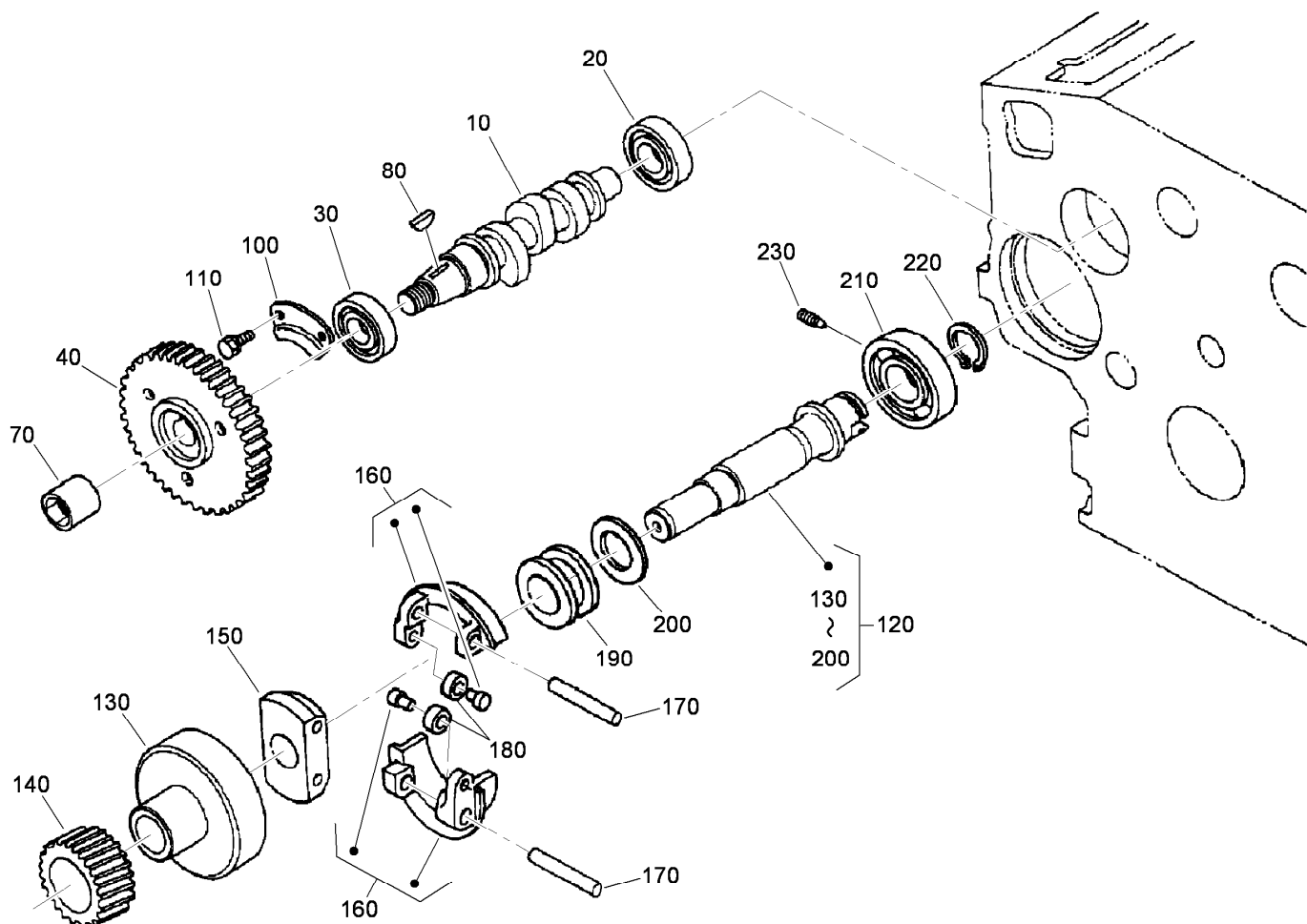
Ref.	Part Number	Qty.	Description
10	112-8415	3	Piston ASM
10	112-8404	3	Piston (STD)
20	98-9619	3	Piston Ring ASM (0.5Mm)
20	98-9618	3	Piston Ring ASM (STD)
30	98-9513	3	Pin-Piston
40	98-9514	6	Circlip-Pin, Piston
50	115-3013	3	Connecting Rod ASM
60	115-3014	3	Bushing-Pin, Piston
70	98-9517	6	Bolt-Rod, 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
110	98-9532	1	Gear-Crankshaft

Ref.	Part Number	Qty.	Description
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)
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

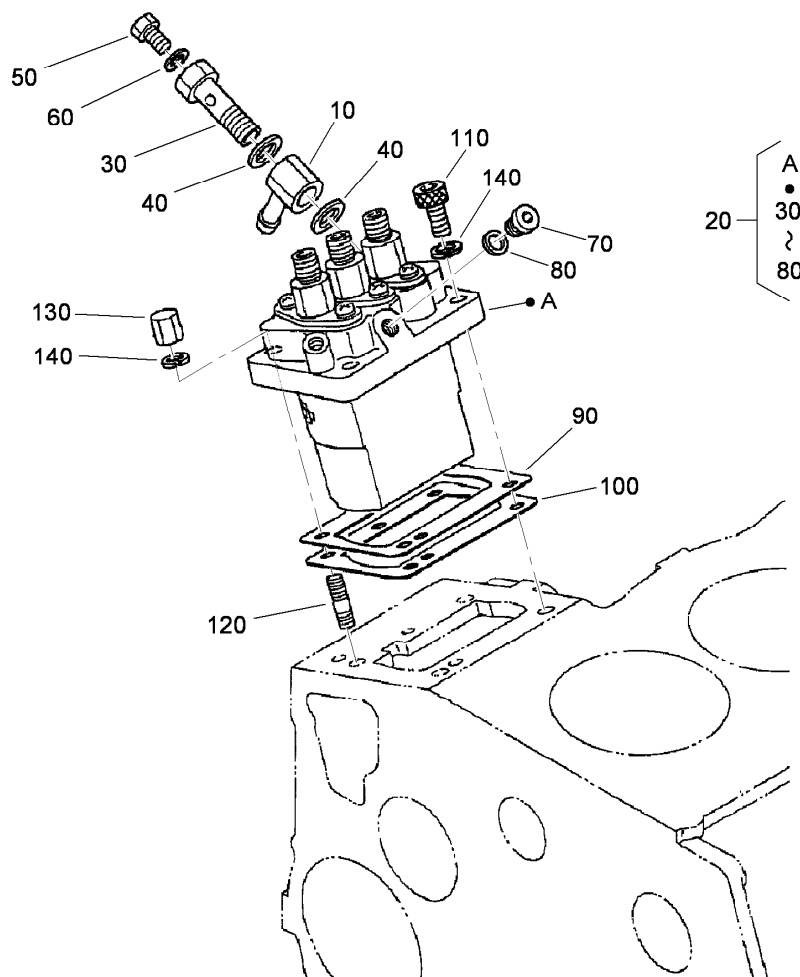
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	105-3784	1	Flywheel ASM
20	115-3015	1	Gear-Ring
30	98-9537	6	Bolt-Flywheel
40	98-9486	1	Plate-End, Rear
50	98-9392	8	Bolt



Fuel Camshaft and Governor Shaft Assembly

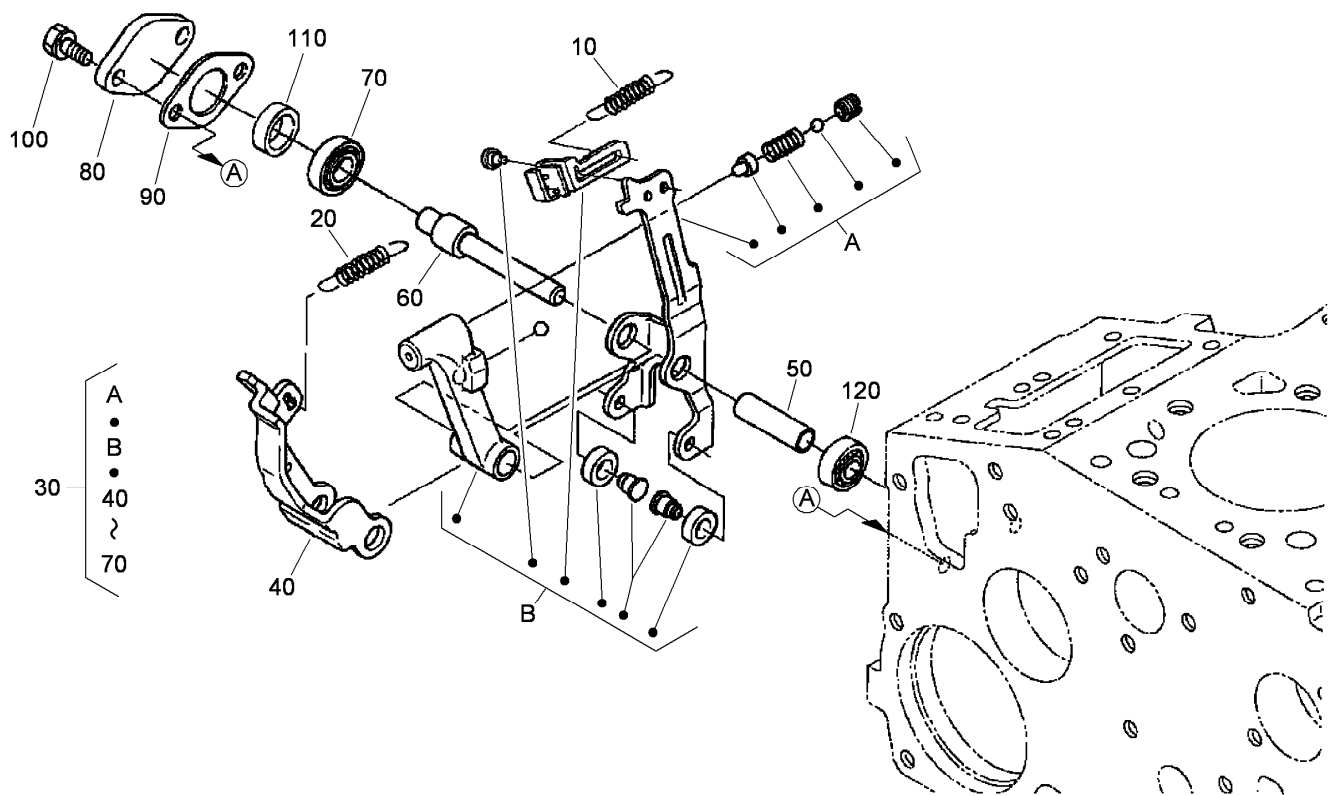
Ref.	Part Number	Qty.	Description
10	98-9459	1	Camshaft-Fuel
20	107-9077	1	Bearing-Ball
30	107-9078	1	Bearing-Ball
40	98-9669	1	Gear-Pump, Injection
70	98-9590	1	Nut-Cap
80	98-9595	1	Key-Woodruff
100	98-9511	1	Stopper-Fuel, Camshaft
110	98-9350	2	Bolt
120	98-9644	1	Governor Shaft ASM
130	98-9562	1	Holder-Gear, Governor
140	98-9673	1	Gear-Governor
150	98-9561	1	Holder-Weight, Governor
160	98-9559	2	Governor Weight ASM
170	98-9560	2	Shaft-Weight, Governor
180	98-9692	2	Roller
190	98-9563	1	Sleeve-Governor
200	98-9564	1	Washer-Thrust
210	107-9079	1	Bearing-Ball
220	98-9657	1	Circlip-Shaft, Governor
230	98-9565	1	Screw-Set

3360-772E



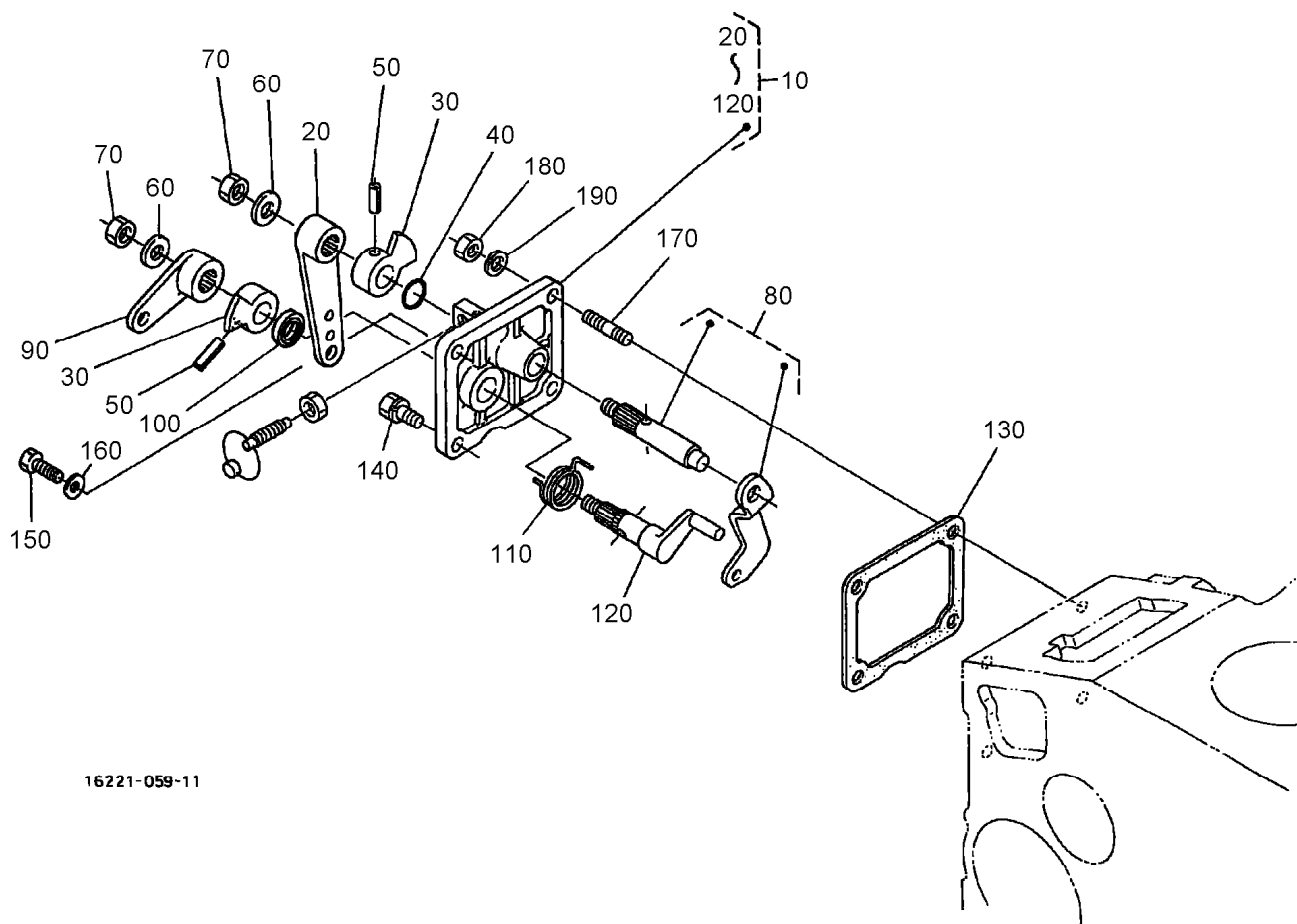
Injection Pump Assembly

Ref.	Part Number	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

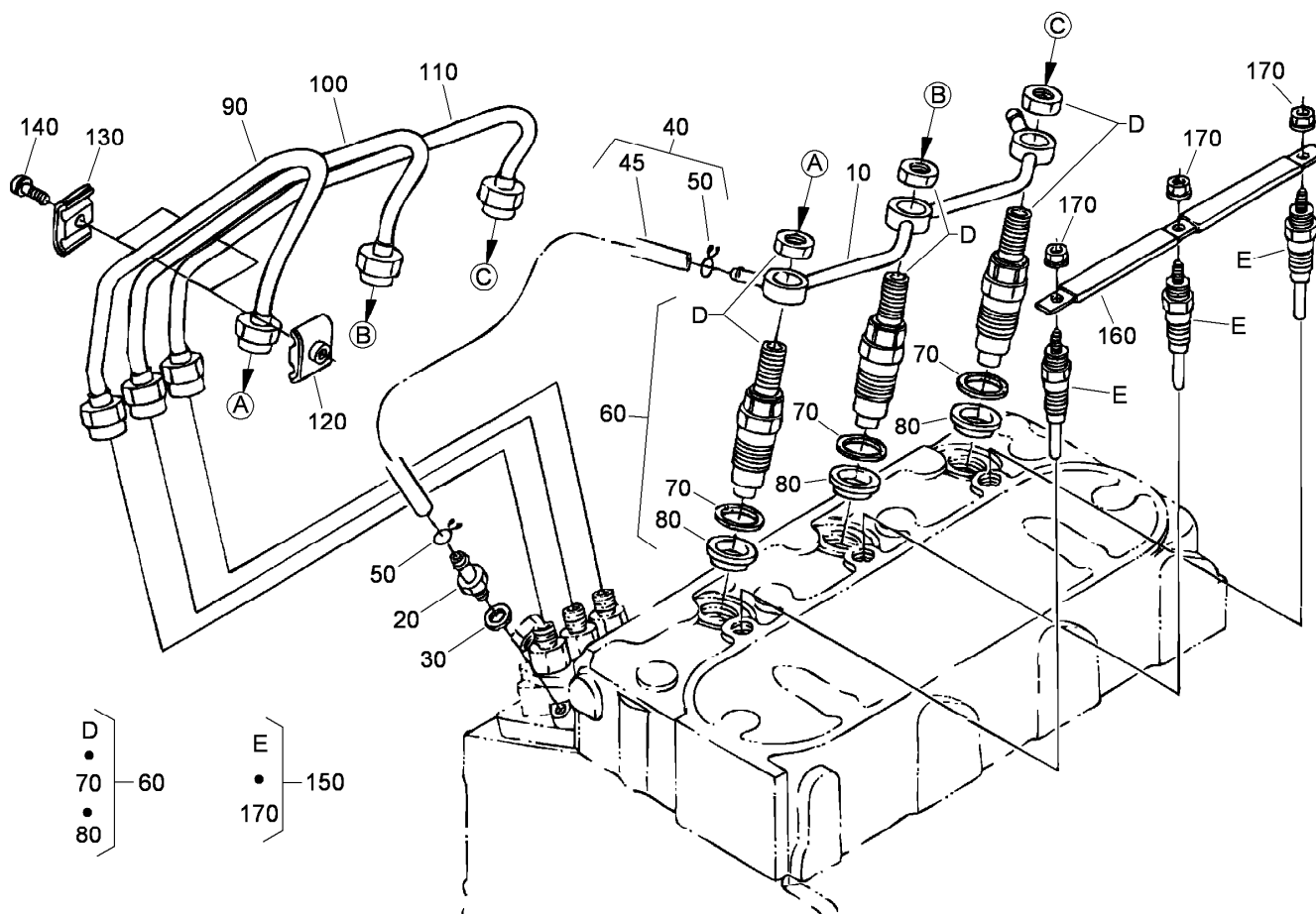
Ref.	Part Number	Qty.	Description
10	105-3786	1	Spring-Start
20	98-9681	1	Spring-Governor
30	115-4502	1	Fork Lever ASM
40	107-9084	1	Lever-Fork
50	107-9085	1	Shaft-Lever, Fork
60	107-9086	1	Shaft-Lever, Fork
70	98-9570	1	Bearing-Miniaturize
80	98-9569	1	Cover-Shaft, Fork Lever
90	98-9682	1	Gasket
100	98-9351	2	Bolt
110	98-9567	1	Collar
120	98-9571	1	Bearing-Miniaturize



16221-059-11

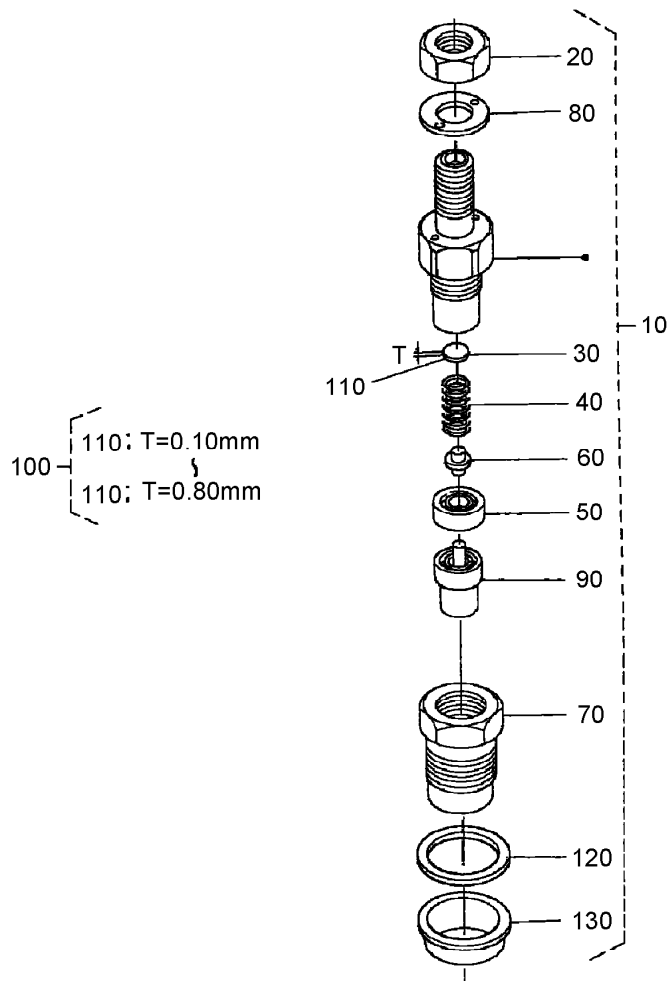
Speed Control Plate Assembly

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



Nozzle Holder and Glow Plug Assembly

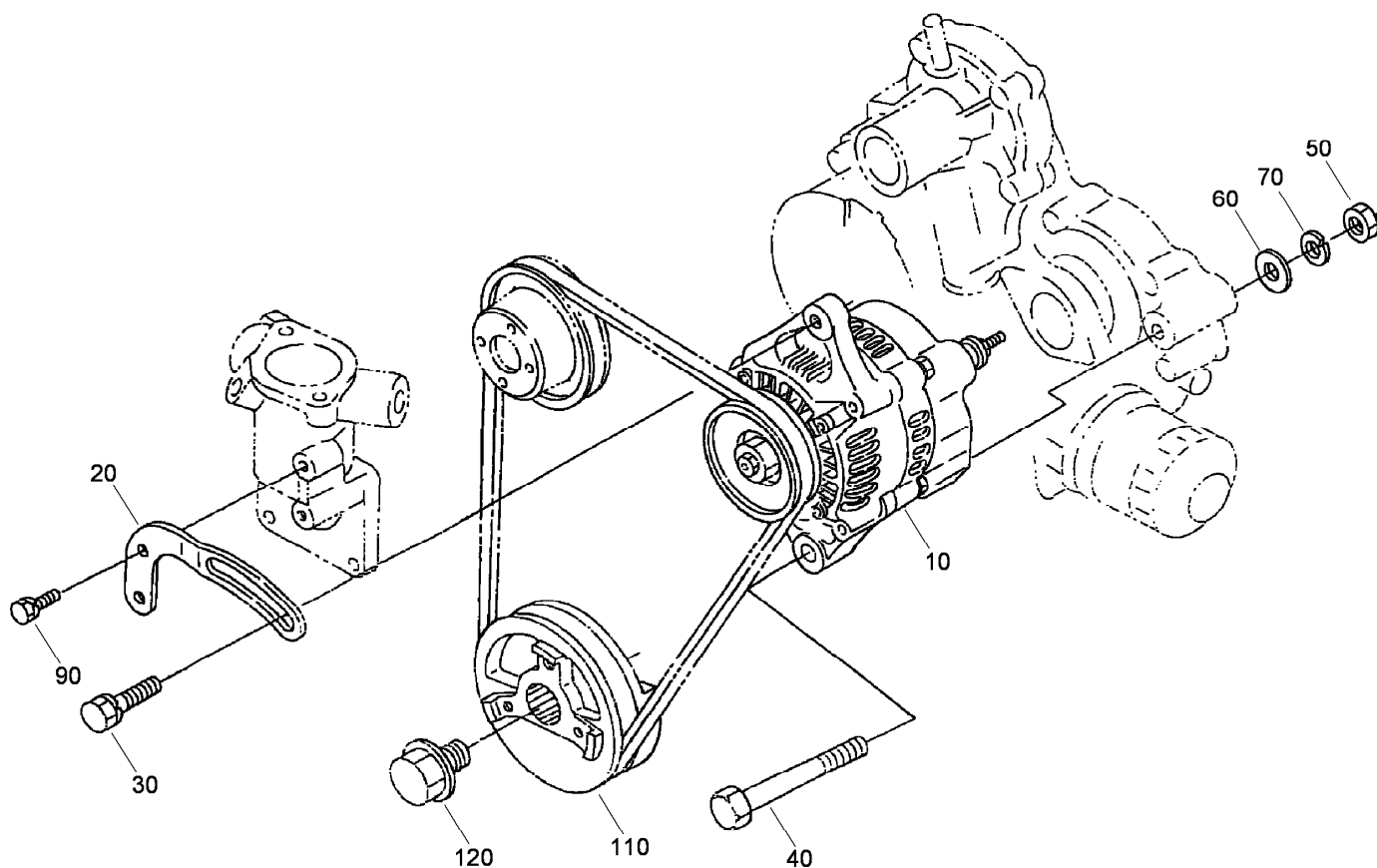
Ref.	Part Number	Qty.	Description
10	98-9620	1	Overflow Pipe ASM
20	98-9431	1	Screw-Bleeder, Air
30	98-7654	1	Gasket
40	98-9420	1	Overflow Pipe ASM
45	112-0182	1	Pipe-Overflow
50	98-7671	2	Clip-Pipe
60	108-2866	3	Nozzle Holder Kit
70	98-7676	3	Gasket
80	98-7677	3	Seal-Heat
90	98-9653	1	Pipe-Injection
100	98-9654	1	Pipe-Injection
110	98-9655	1	Pipe-Injection
120	98-7682	2	Clamp-Pipe
130	98-7683	2	Clamp-Pipe
140	98-7684	2	Screw (W/Washer)
150	115-3019	3	Plug-Glow
160	98-9631	1	Cord-Plug, Glow
170	99-8377	3	Nut-Flange



1G347-015-10

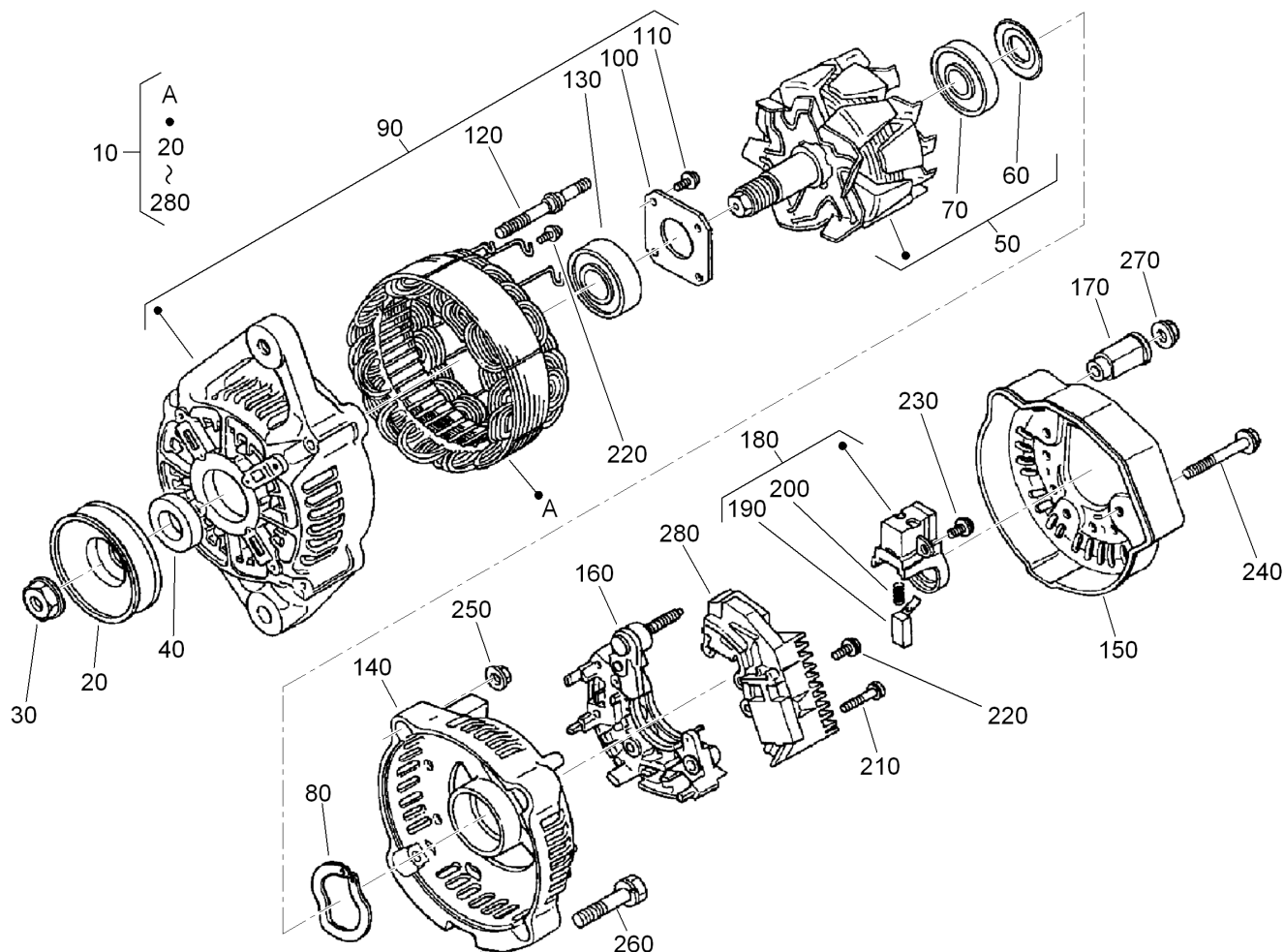
Nozzle Holder Assembly

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



Alternator and Pulley Assembly

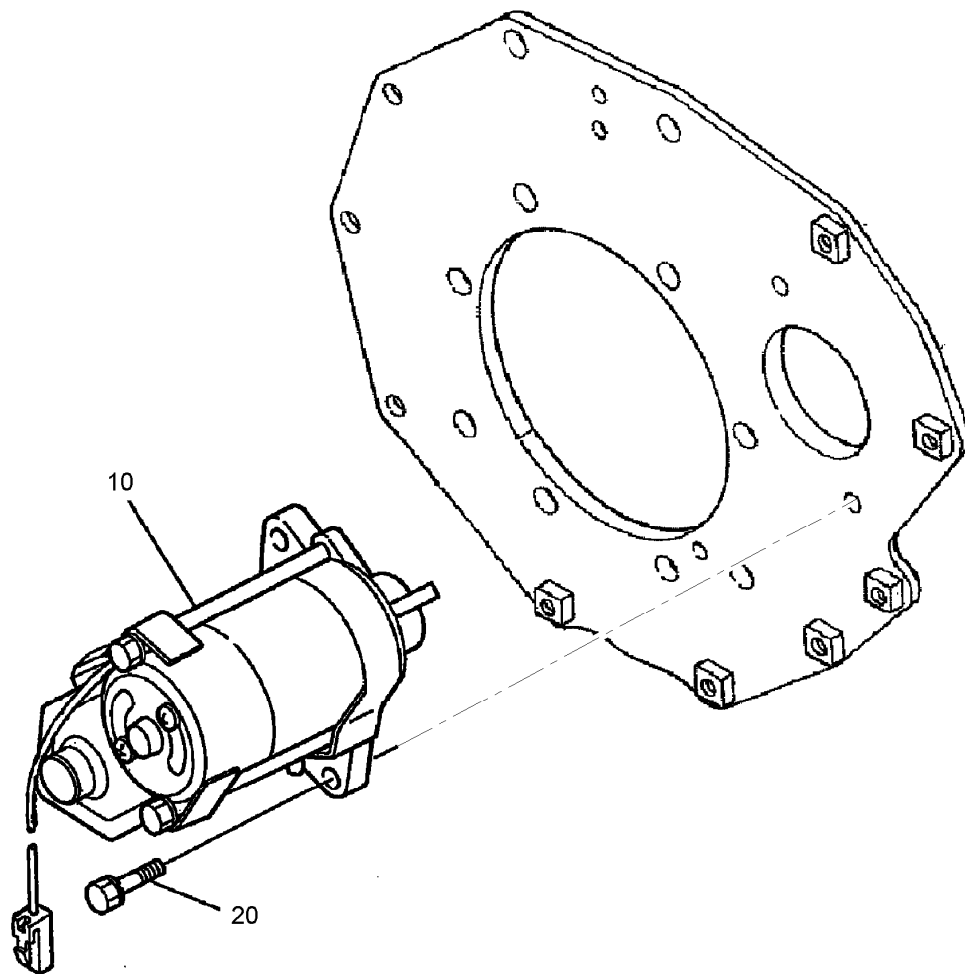
Ref.	Part Number	Qty.	Description
10	98-9474	1	Alternator ASM
20	98-9573	1	Stay-Dynamo
30	108-7088	1	Bolt
40	98-9360	1	Bolt
50	98-7737	1	Nut
60	3256-24	1	Washer-Flat
70	98-7738	1	Washer-Spring
90	98-7692	1	Bolt
110	98-9473	1	Pulley-Drive, Fan
120	98-9585	1	Bolt



Alternator Components Assembly

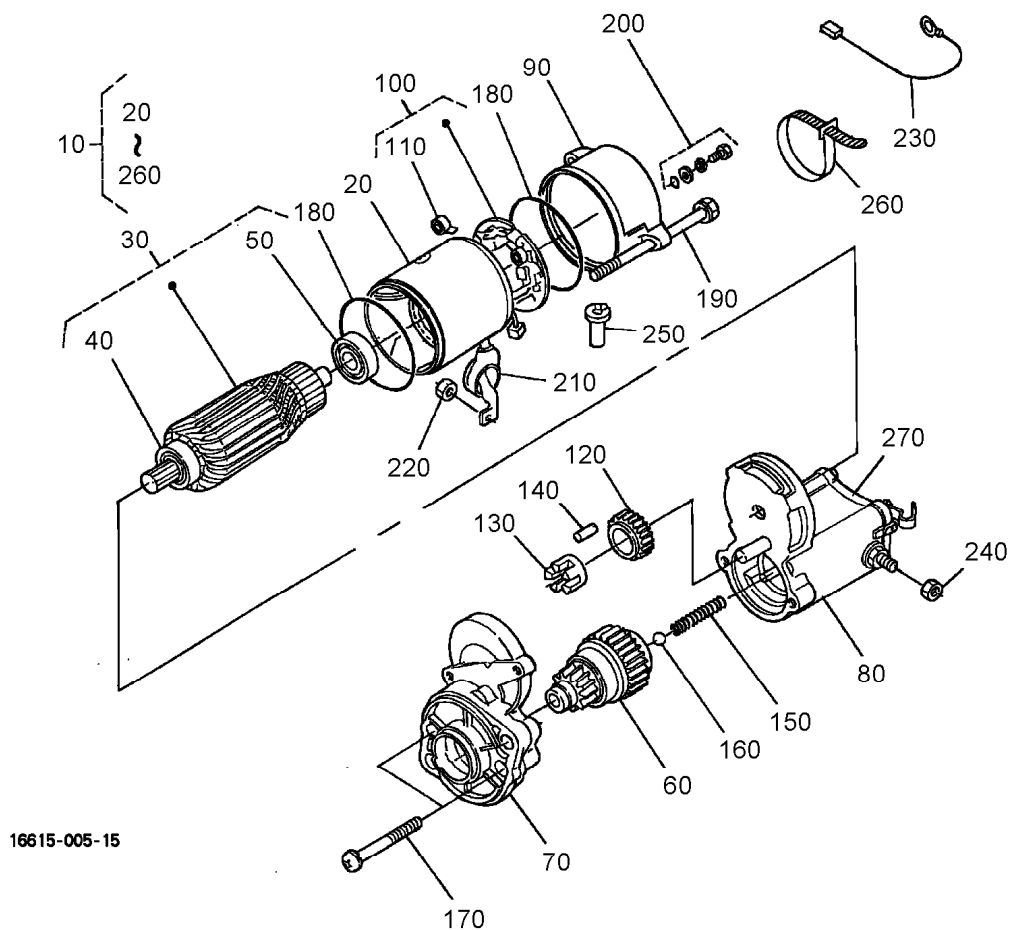
Ref.	Part Number	Qty.	Description
10	98-9474	1	Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	98-7709	1	Collar
50	107-0136	1	Rotor ASM
60	98-7711	1	Cover-Bearing
70	107-0138	1	Bearing-Ball
80	98-7713	1	Washer-Thrust
90	107-0139	1	Drive End Frame ASM
100	98-7715	1	Plate-Retainer
110	98-7716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

Ref.	Part Number	Qty.	Description
150	107-0140	1	Cover-End
160	98-7721	1	Rectifier ASM
170	98-7722	1	Bushing-Insulation
180	107-0141	1	Brush Holder ASM
190	98-7724	2	Brush
200	98-7725	2	Spring-Brush
210	98-7726	2	Screw-Head, Round
220	98-7727	6	Screw-Head, Round
230	98-7728	1	Screw-Head, Round
240	98-7729	3	Bolt
250	98-7730	2	Nut
260	98-7731	2	Bolt
270	98-7732	1	Nut
280	110-3799	1	Regulator ASM



Starter Assembly

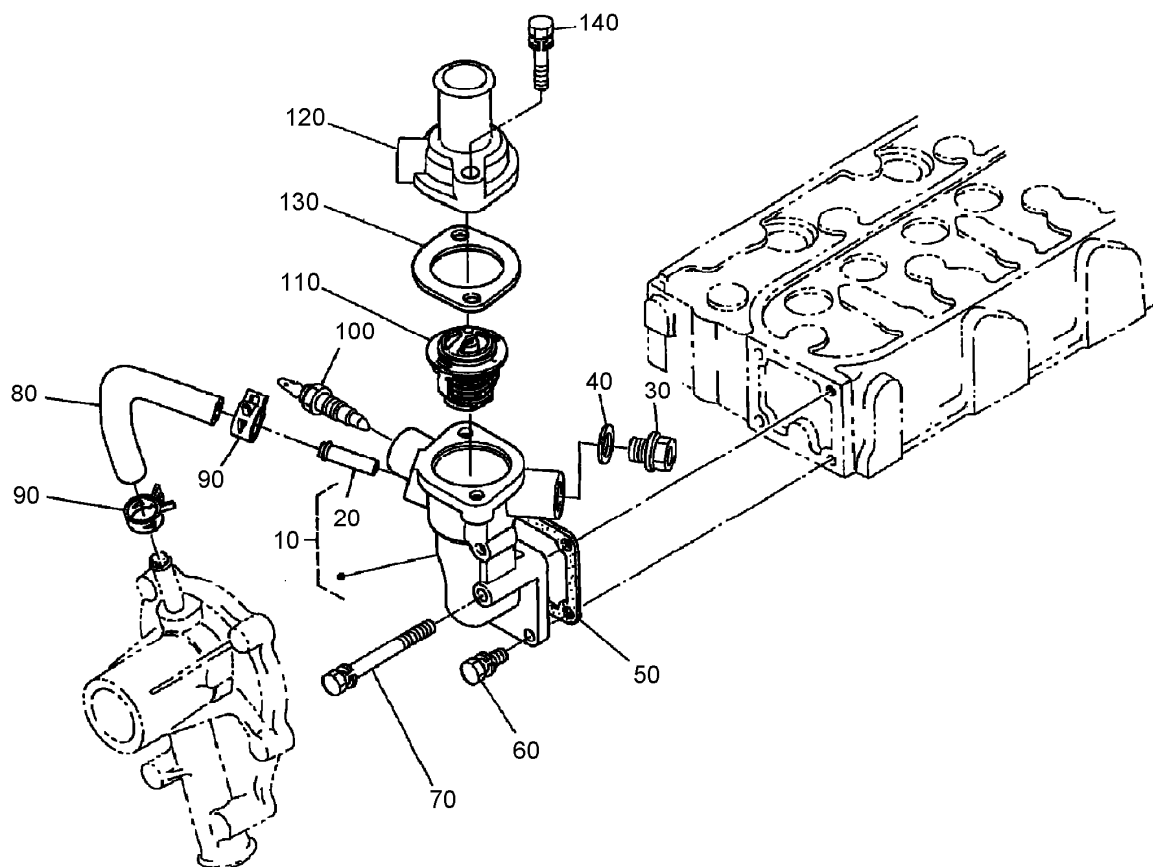
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9705	1	Starter ASM
20	98-7697	2	Bolt



Starter (Component Part) Assembly

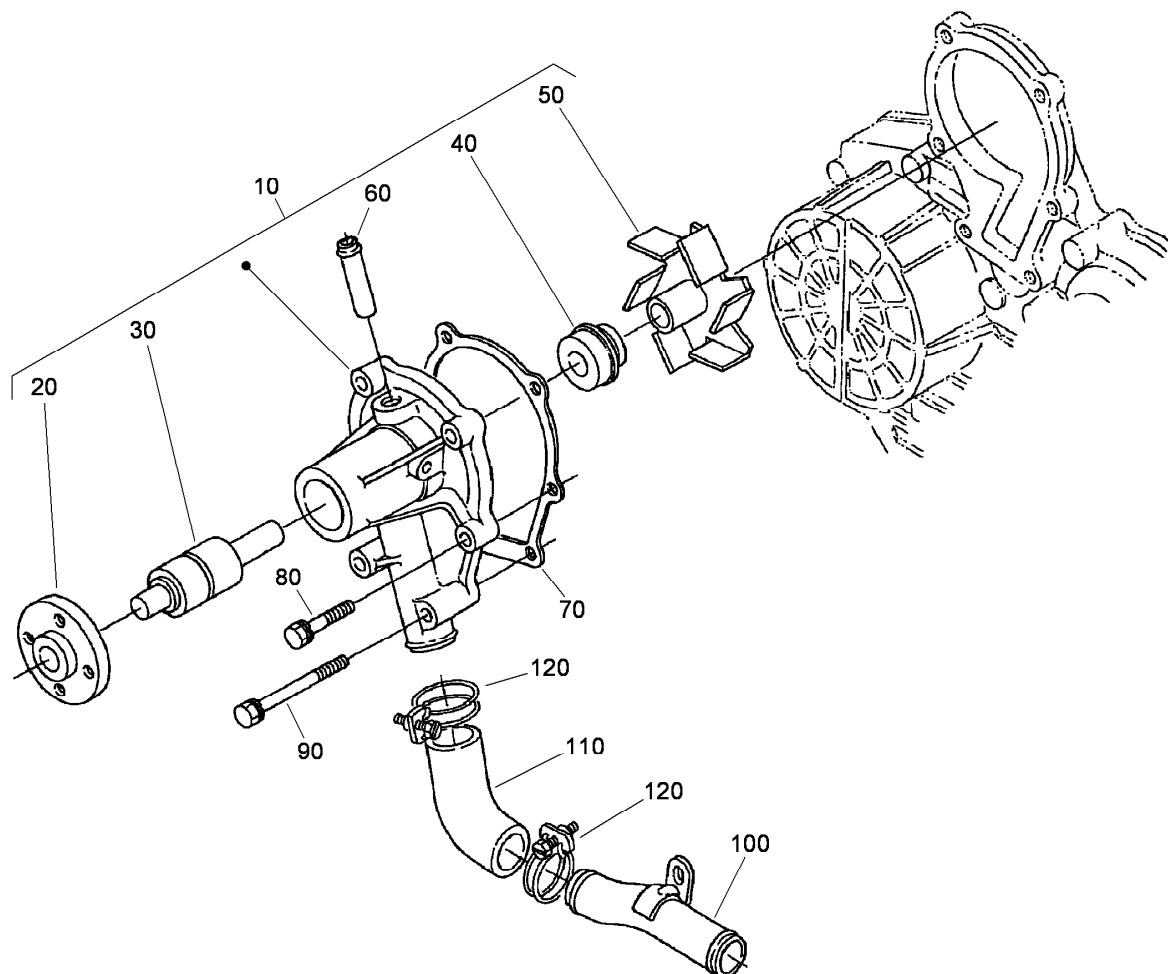
Ref.	Part Number	Qty.	Description
10	98-9705	1	Starter ASM
20	104-8608	1	Yoke ASM
30	98-7742	1	Armature ASM
40	98-7744	1	Bearing
50	98-7743	1	Bearing
60	99-8373	1	Clutch-Running, Over
70	99-8374	1	Frame-End, Drive
80	105-3746	1	Magnetic Switch ASM
90	98-7748	1	Frame-End
100	98-7749	1	Brush Holder ASM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

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



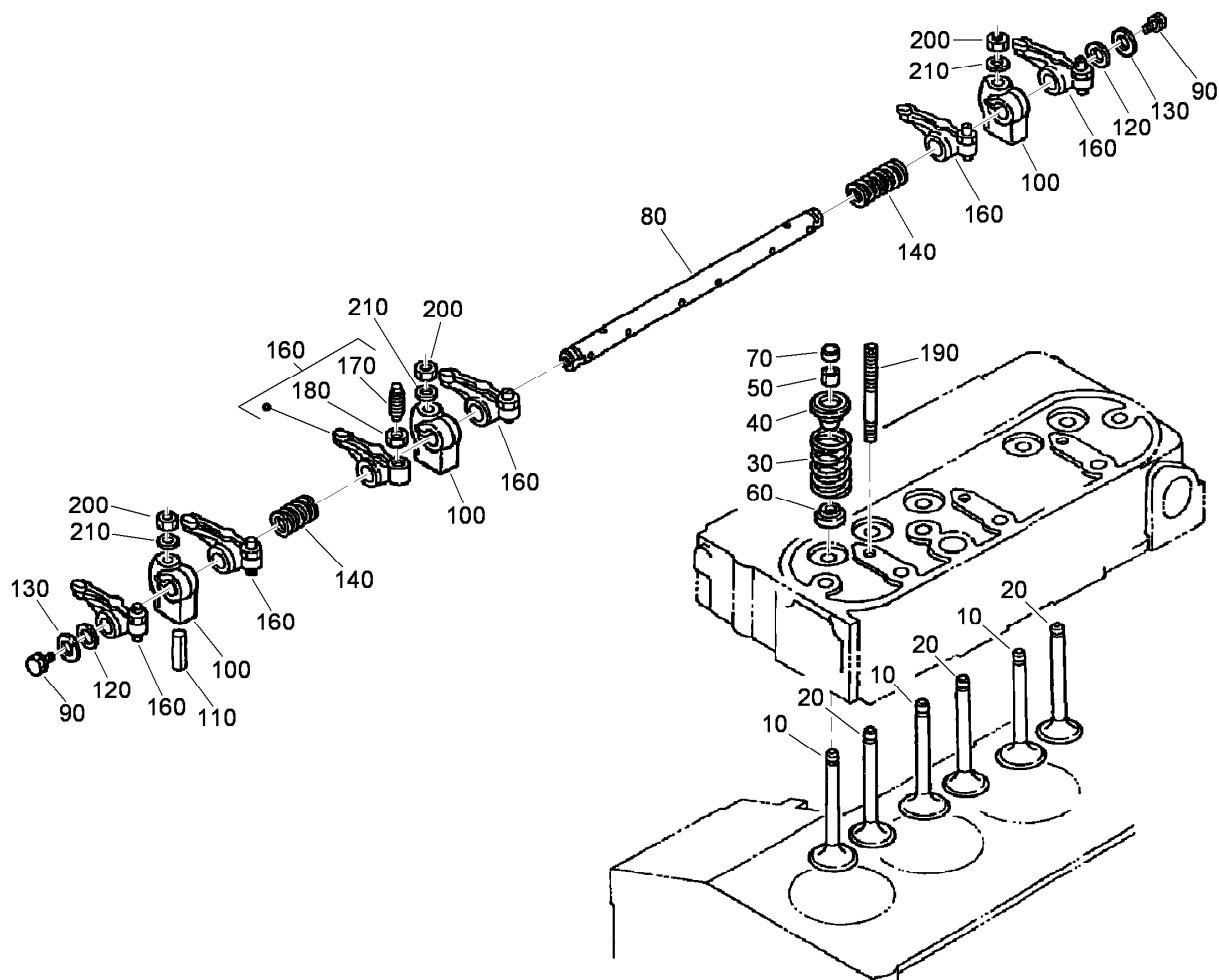
Water Flange and Thermostat Assembly

Ref.	Part Number	Qty.	Description
10	98-9713	1	Water Flange ASM
20	98-9580	1	Pipe-Return, Water
30	105-3747	1	Plug
40	99-3583	1	Gasket
50	98-9638	1	Gasket-Flange, Water
60	98-7692	3	Bolt
70	98-9356	1	Bolt
80	98-9578	1	Pipe-Return, Water
90	98-9579	2	Band-Pipe
100	98-9719	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



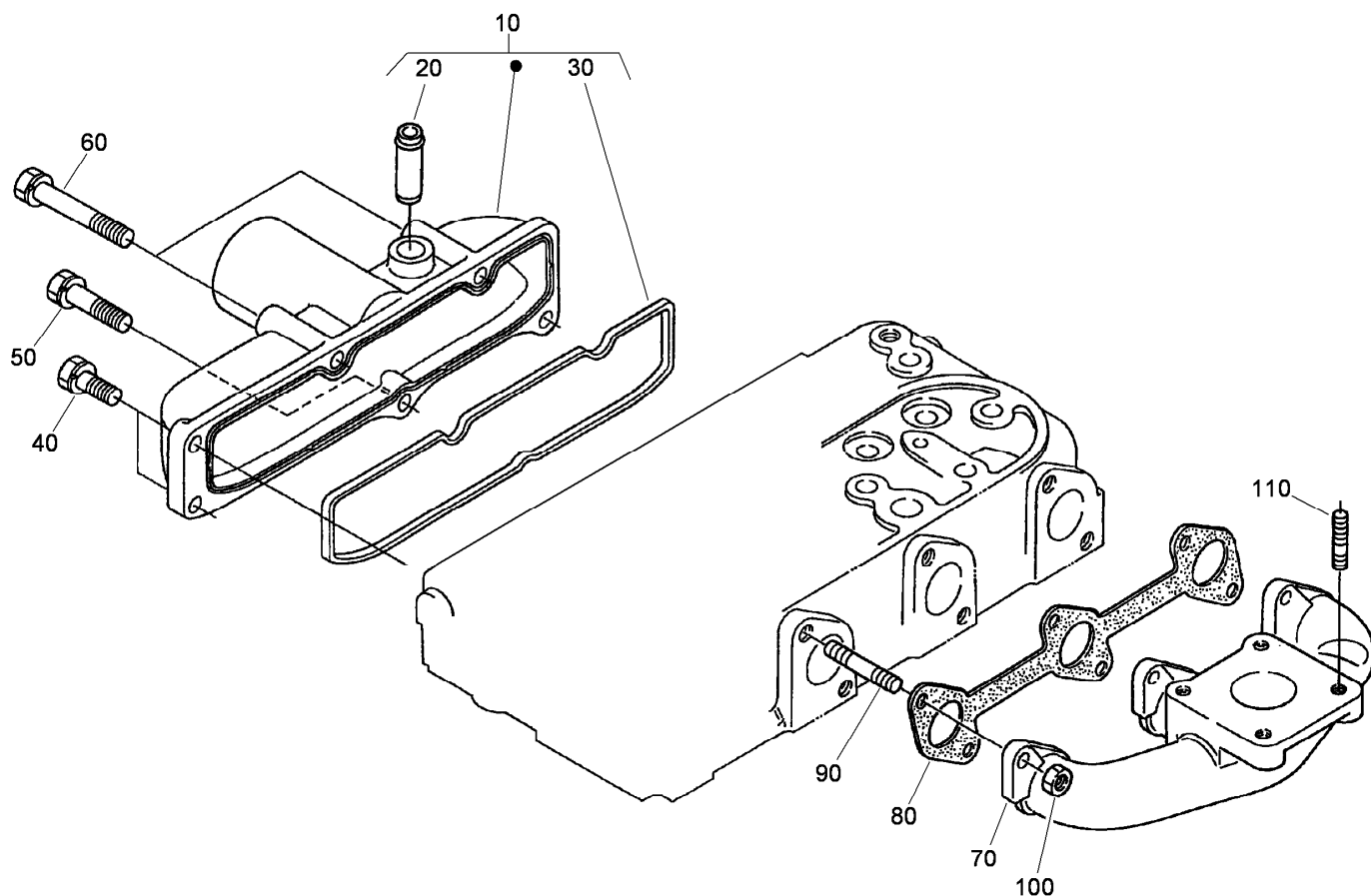
Water Pump Assembly

Ref.	Part Number	Qty.	Description
10	107-9089	1	Water Pump ASM
20	99-3516	4	Flange-Pump, Water
30	99-3517	1	Bearing-Pump, Water
40	105-3750	1	Mechanical Seal ASM
50	112-8403	1	Impeller ASM
60	100-1932	1	Pipe-Return, Water
70	99-3454	1	Gasket-Pump, Water
80	98-9353	4	Bolt
90	107-9090	2	Bolt
100	98-9716	1	Pipe-Water
110	107-9091	1	Pipe-Water
120	98-9717	2	Clamp



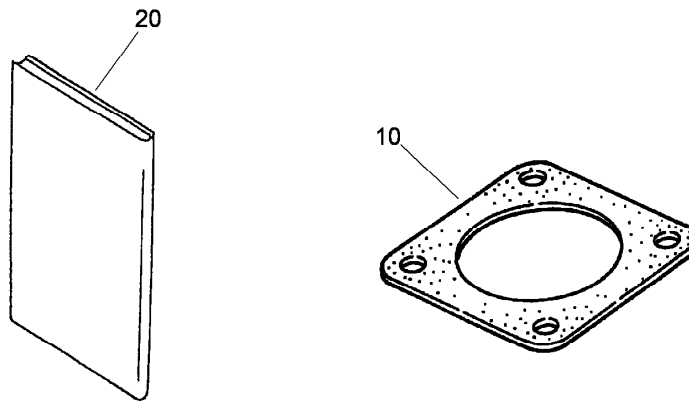
Valve and Rocker Arm Assembly

Ref.	Part Number	Qty.	Description
10	112-7018	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-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	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



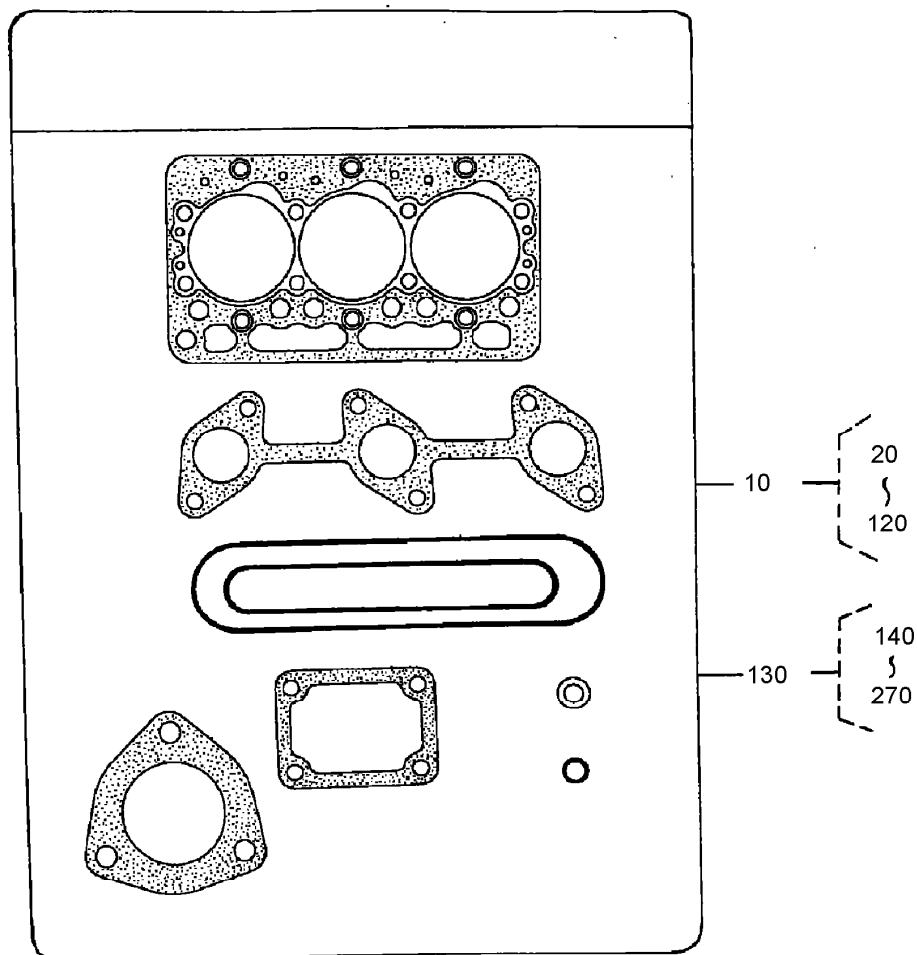
Inlet Manifold Assembly

Ref.	Part Number	Qty.	Description
10	108-6577	1	Inlet Manifold ASM
20	98-9492	1	Joint-Pipe, Breather
30	98-9609	1	Gasket-Manifold, Inlet
40	98-7605	3	Bolt
50	98-9353	1	Bolt
60	105-3797	2	Bolt
70	107-9093	1	Manifold-Exhaust
80	99-8327	1	Gasket-Manifold, Exhaust
90	98-9588	6	Stud
100	98-9665	6	Nut
110	98-7769	4	Stud



Muffler Gasket and Operator Manual

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	99-8343	1	Gasket-Muffler
20	99-8954	1	Manual-Kubota



Gasket Kit Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	107-7848	1	Upper Gasket Kit
130	107-9095	1	Lower Gasket Kit

Attachments and Accessories

For 30626 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 (Tube)	108-1190
Tire Chains (23 x 8.50-12)	11-0390
Wheel Weight Kit	11-0440
5 Inch Air Cleaner Safety Element	114-4057
Tube-Inner (23 x 8.50-12)	231-90
Rear Weight Kit.....	24-5780
Weight-Rear	24-5790-01
400-hour Filter Maintenance Kit.....	30059
Standard Seat Kit.....	30623
Deluxe Seat Kit.....	30625
Seat Adapter Kit.....	30628
Cruise Control Kit.....	30677
Arm Rest Kit.....	30707
72in Rear Discharge Mower	30710
72in Guardian Recycler Mower.....	30716
72in Side Discharge Mower	30722
Rotary Broom	30743
48in V-Plow.....	30750
48in 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
Auxiliary Valve Kit	93-3169



Count on it.