



**Count on it.**

**Parts Catalog**

**Groundsmaster® 3505-D  
Traction Unit**

Model No. 30849—Serial No. 311000001 and Up



# Ordering Replacement Parts

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

## Understanding Reference Numbers

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

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

## Service Assembly Reference Numbers

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

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

## Reference Numbers Indicating Quantity

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

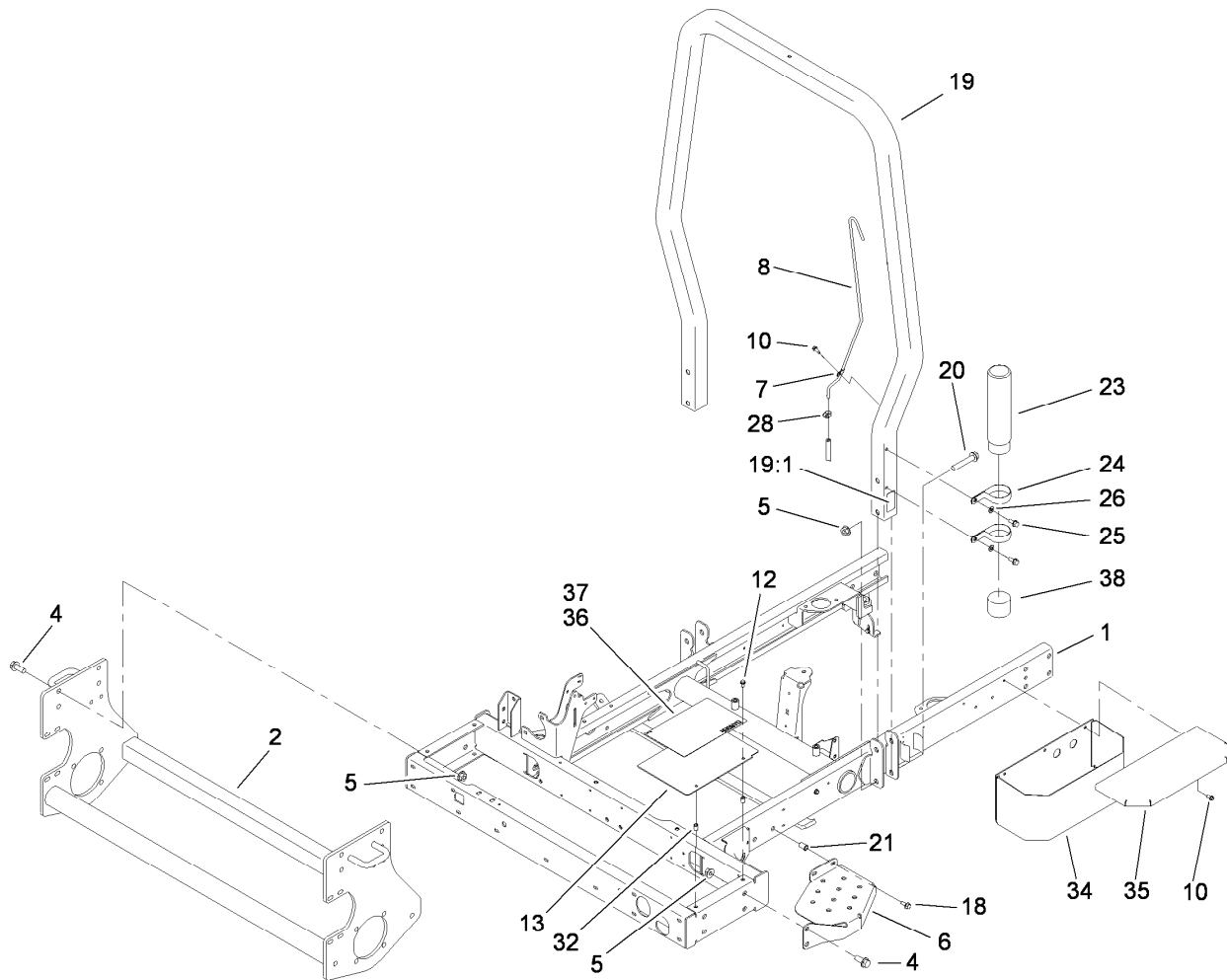
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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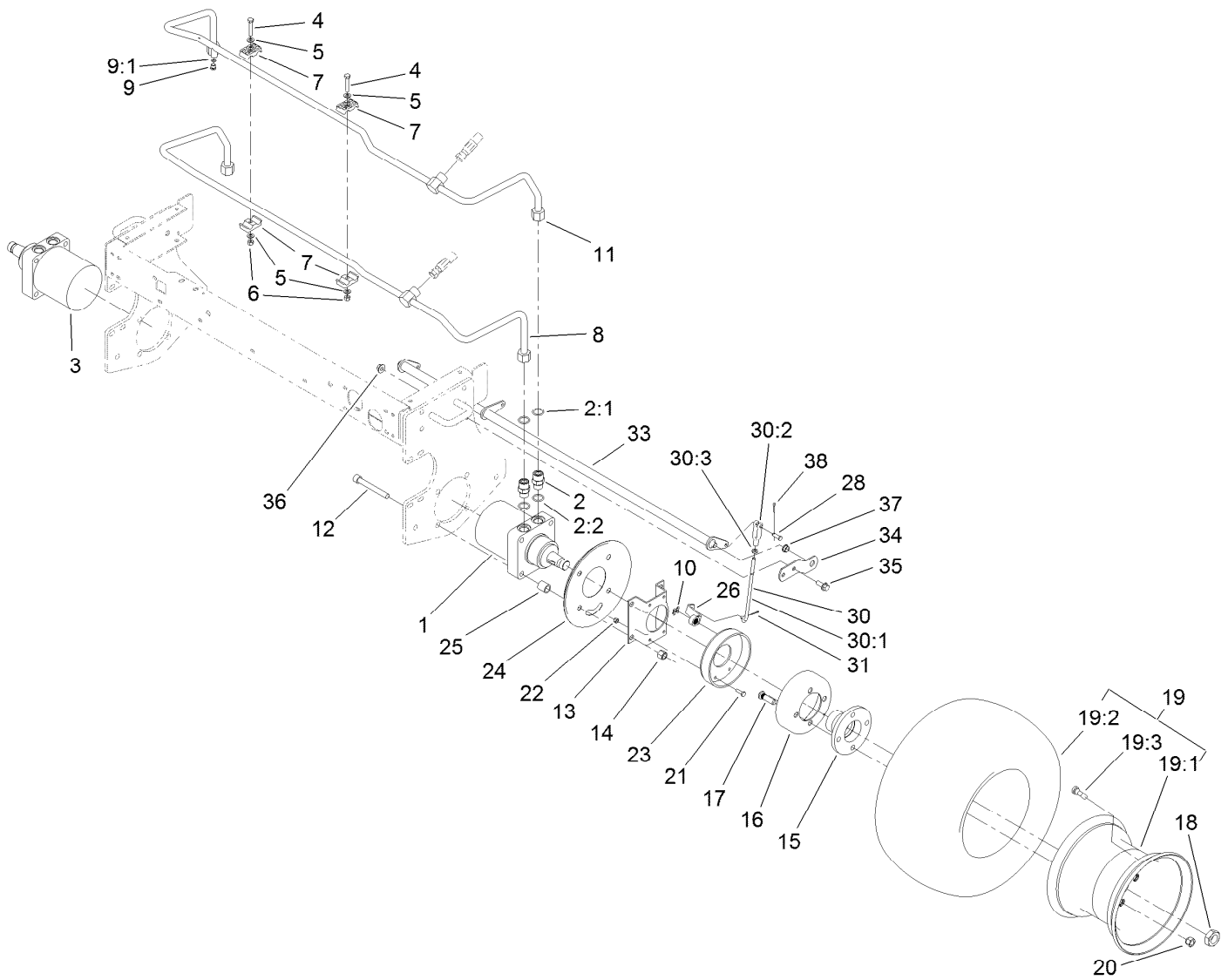
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## Frame Assembly

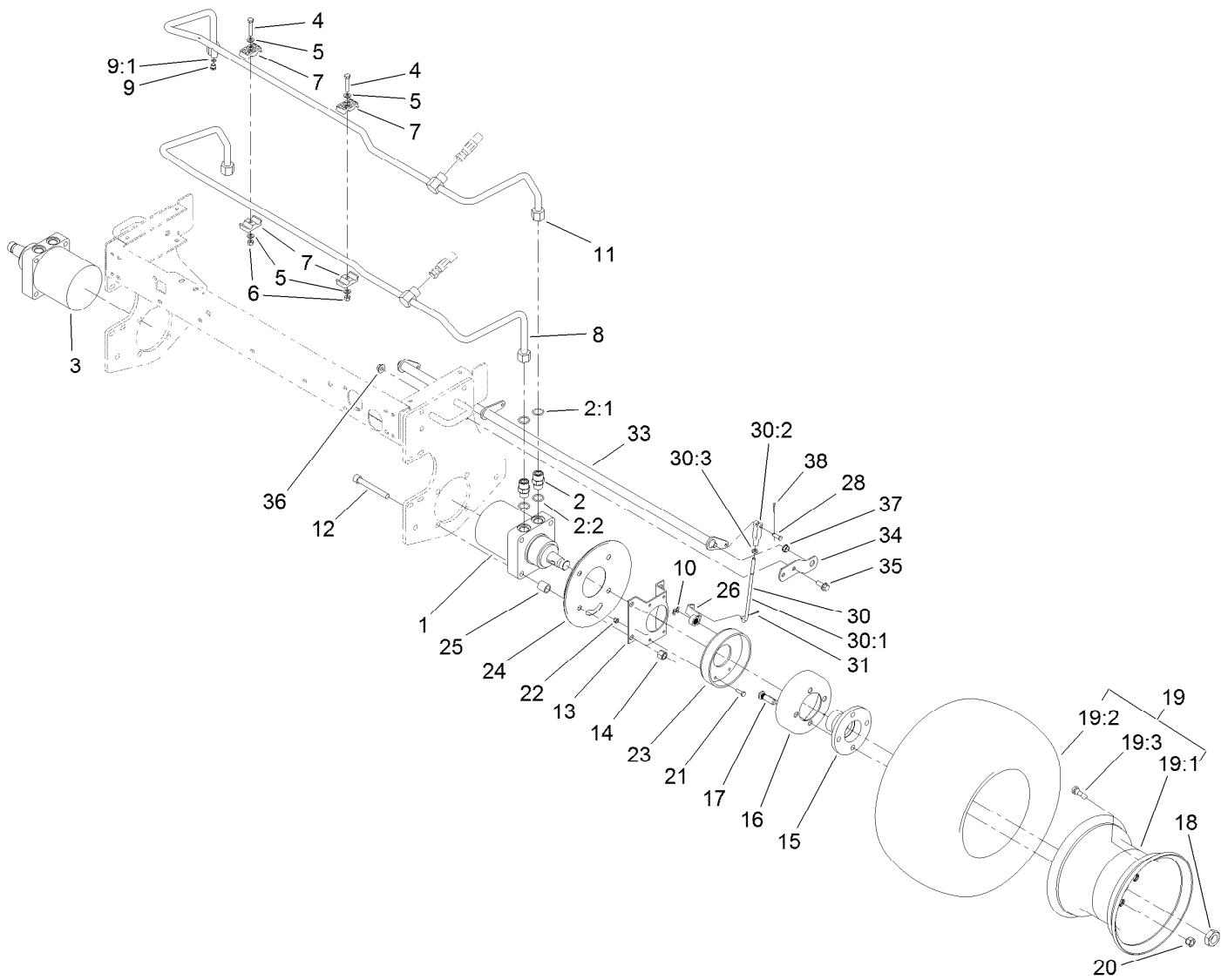
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	99-3610-03	1	Frame	20	3234-40	4	Screw-HF
2	95-8568-03	1	Frame-Lower	21	32148-8	2	Nut-Clinch
4	3234-38	8	Screw-HHF	23	104-7050	1	Tube-Manual
5	32128-49	12	Nut-HHF	24	2412-133	2	Clamp-R
6	99-3375-03	1	Step	25	32144-70	2	Screw-HWHTF
7	2412-72	3	Clip-Closed, Insulated	26	3256-23	2	Washer-Plain
8	95-8615	1	Tube-Breather	28	2412-108	1	Clamp-Worm
10	32144-10	6	Screw-HWH	32	32148-6	2	Nut-Clinch
12	3234-4	2	Screw-HHF	34	104-4634-03	1	Toolbox
13	104-0468-01	1	Cover-Frame	35	104-4633-03	1	Cover-Toolbox
18	3234-5	2	Screw-HHF	36	108-9015	1	Decal-Danger
19	107-7833	1	ROPS ASM	37	104-5181	1	Decal-Danger, CE
19:1	107-7831	1	Decal-ROPS	38	104-7048	1	Cap-Housing



## Front Wheel and Brake Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	110-8785	1	HYD Motor ASM (CCW)	16	10-6850	2	Drum-Brake
2	340-7	4	Fitting-Straight	17	85-6540	8	Stud-Drive
2:1	237-65	1	O-Ring	18	26-3790	2	Nut-Lock
2:2	237-80	1	O-Ring	19		2	Rim And Tire ASM ●
3	110-8786	1	HYD Motor ASM (CW)	19:1	117-5131	1	Rim
4	322-9	2	Screw-HH	19:2	115-1572	1	Tire
5	3256-23	4	Washer-Plain	19:3	232-27	1	Stem-Valve
6	3296-29	2	Nut-Lock, NI	20	242-50	8	Nut-Lug
7	56-7971	4	Clamp-Tube	21	321-5	8	Screw-HH
8	95-8783	1	Tube ASM	22	3296-42	8	Nut-Lock, NI
9	353-990	1	Plug ASM	23	104-7705	2	Brake ASM
9:1	237-78	1	O-Ring	24	104-0485-03	2	Shield-Wheel
10	104-7706	2	E-Ring, Bowed	25	92-1715	8	Spacer
11	95-8784	1	Tube ASM	26	114-2726	2	Lever-Brake
12	3274-99	8	Screw-HSH	28	283-1	2	Pin-Clevis
13	84-2000-03	2	Bracket-Brake	30	115-6672	2	Brake Lever ASM
14	3296-23	8	Nut-Lock, NI	30:1	104-4627	1	Rod-Adjusting
15	93-6838	2	Hub-Wheel	30:2	1-303105	1	Yoke-Adjustable

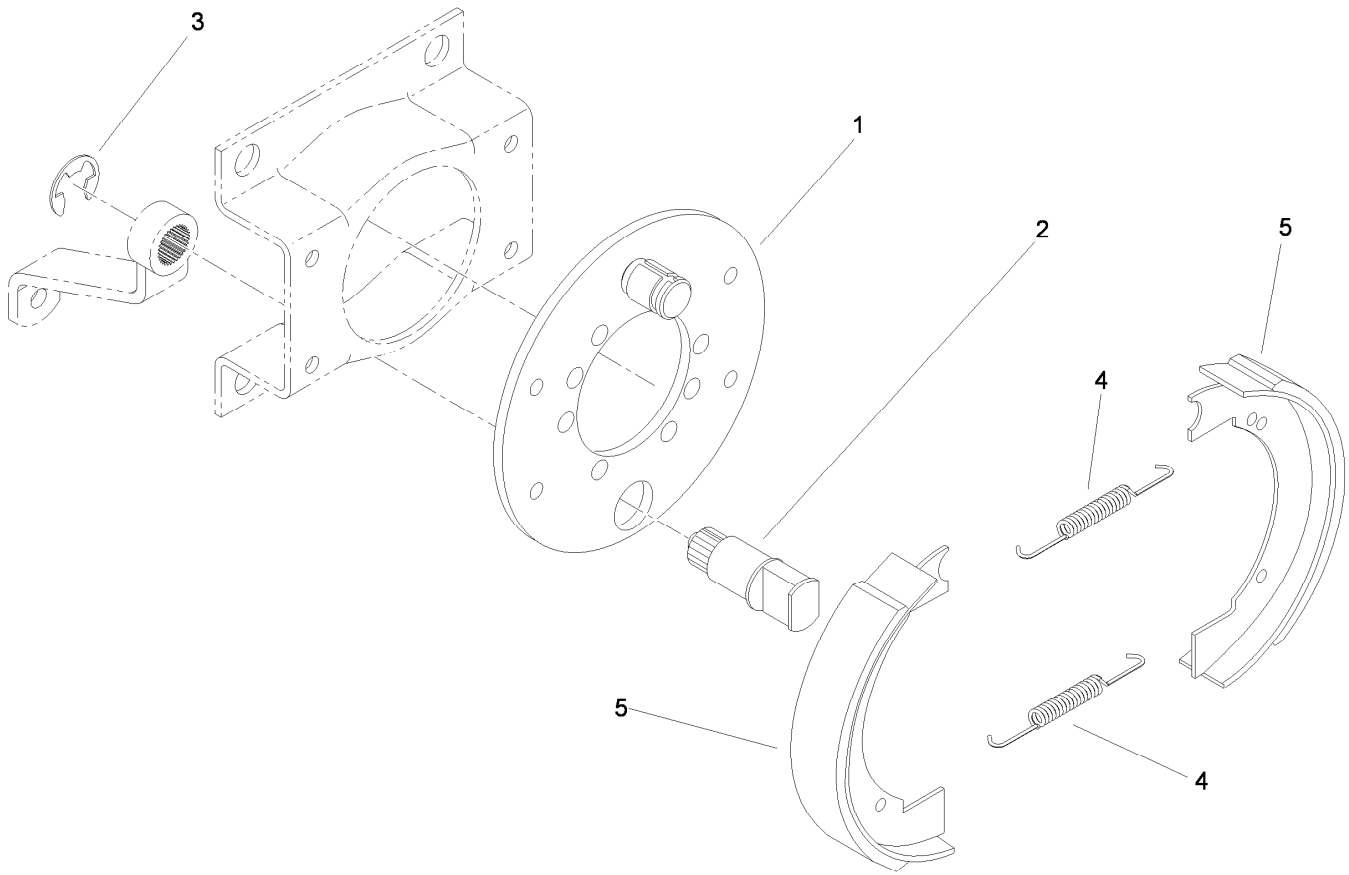
● Not serviced separately



## Front Wheel and Brake Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
30:3	3220-2	1	Nut-Jam	35	3234-11	4	Screw-HHF
31	3272-6	2	Pin-Cotter	36	32128-43	4	Nut-Flange
33	104-4625-03	1	Shaft-Pivot, Brake	37	256-156	2	Bushing-Flange
34	95-8683	2	Bracket-Pivot, Brake	38	3272-10	2	Pin-Cotter

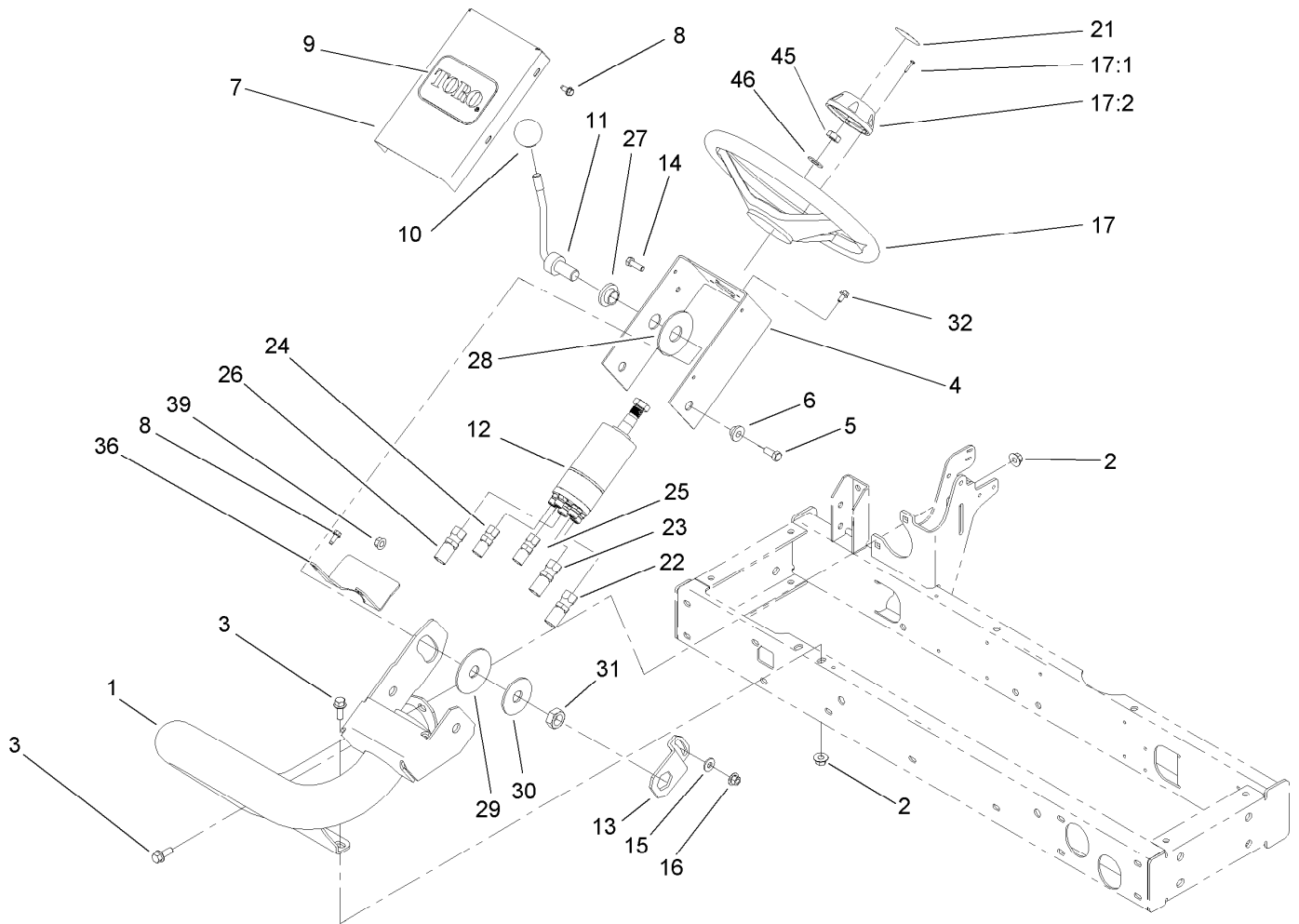
● Not serviced separately



## Brake Assembly No. 104-7705

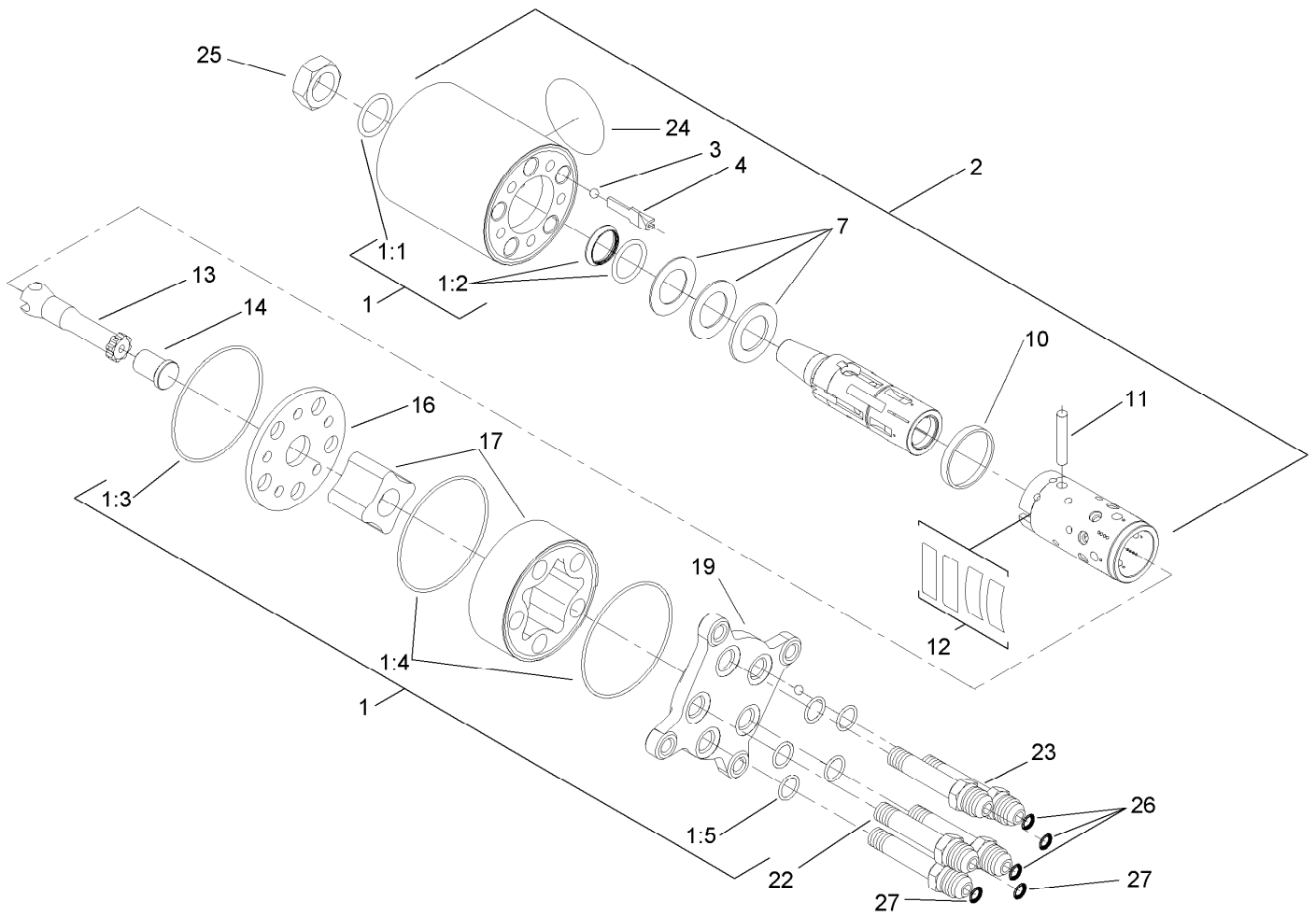
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	70-9870	1	Plate-Backing
2	104-7707	1	Shaft-Cam, Brake
3	104-7706	1	E-Ring, Bowed
4	70-9880	2	Spring-Return
5	70-9840	2	Shoe-Brake





## Steering Column Assembly

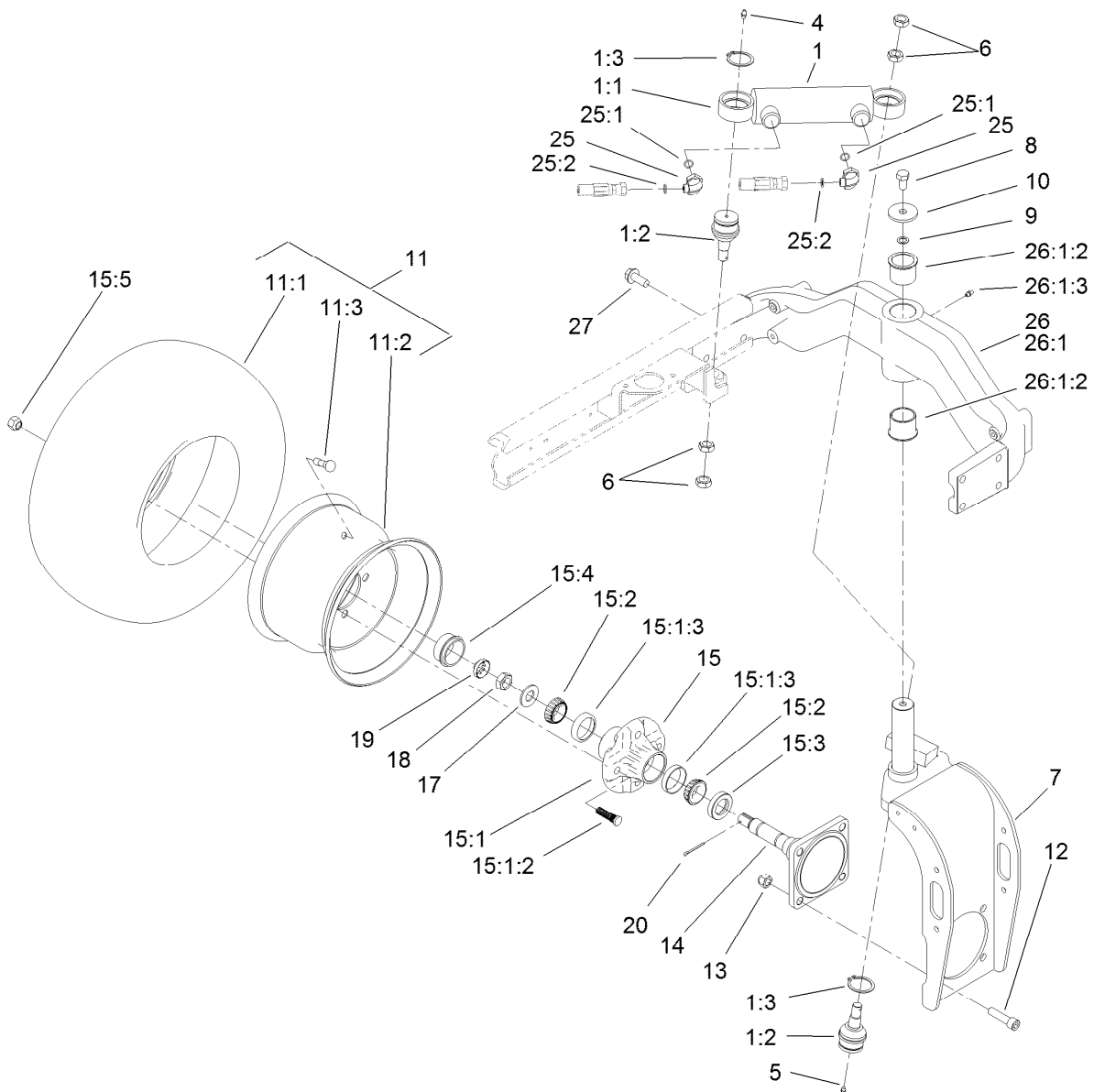
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	108-9003-01	1	Arm-Steering	17:2	68-5140	1	Cap-Wheel, Steering
2	32128-43	4	Nut-Flange	21	68-5370	1	Decal
3	3234-11	4	Screw-HHF	22	95-8842	1	Hose-HYD
4	104-5185-01	1	Bracket-Valve, Steering	23	95-8843	1	Hose-HYD
5	323-5	2	Screw-HH	24	100-4892	1	Hose-HYD
6	93-5988	2	Hub-Pivot	25	100-4893	1	Hose-HYD
7	95-8794-01	1	Cover-Valve, Steering	26	95-8846	1	Hose-HYD
8	32144-10	5	Screw-HWH	27	99-3502	1	Boss
9	67-1300	1	Decal	28	31-0390	1	Disc-Friction
10	233-48	1	Knob	29	82-9010	1	Disc-Friction
11	95-8798-03	1	Lever-Steering	30	80-2930	1	Washer-Flat
12	104-5180	1	Steering Valve ASM	31	3218-7	1	Nut-Jam
13	80-2880	1	Bracket-Tilt	32	33103-012	4	Screw-HHF
14	322-5	1	Screw-HH	36	99-3405-01	1	Shield-Steering
15	3256-3	1	Washer-Flat	39	32128-21	2	Nut-HF Lock
16	32128-44	1	Nut	45	3296-33	1	Nut-Lock, NI
17	75-0560	1	Steering Wheel ASM	46	3256-27	1	Washer-Flat
17:1	32144-21	1	Screw				



## Steering Valve Assembly No. 104-5180

Ref.	Part Number	Qty.	Description
1	106-6716	1	Seal Kit
1:1		1	Ring-Seal, Dust ●
1:2		1	Seal-Shaft ●
1:3		1	Ring-Retaining ●
1:4		2	Ring-Retaining ●
1:5		5	Ring-Retaining ●
2		1	Housing ●
3		1	Ball ●
4		1	Stop-Ball ●
7		1	Bearing ASM ●
10		1	Ring ●
11		1	Pin-Cross ●
12		1	Springs ●
13		1	Shaft ●
14		1	Spacer ●
16		1	Plate-Distributor ●
17		1	Gearwheel Set ●
19		1	Cover-End ●
22		1	Screw-Special ●
23		4	Screw-Special ●
24		1	Plate-Name ●
25	3296-33	1	Nut-Lock, NI
26	237-22	3	O-Ring
27	237-21	2	O-Ring

● Not serviced separately

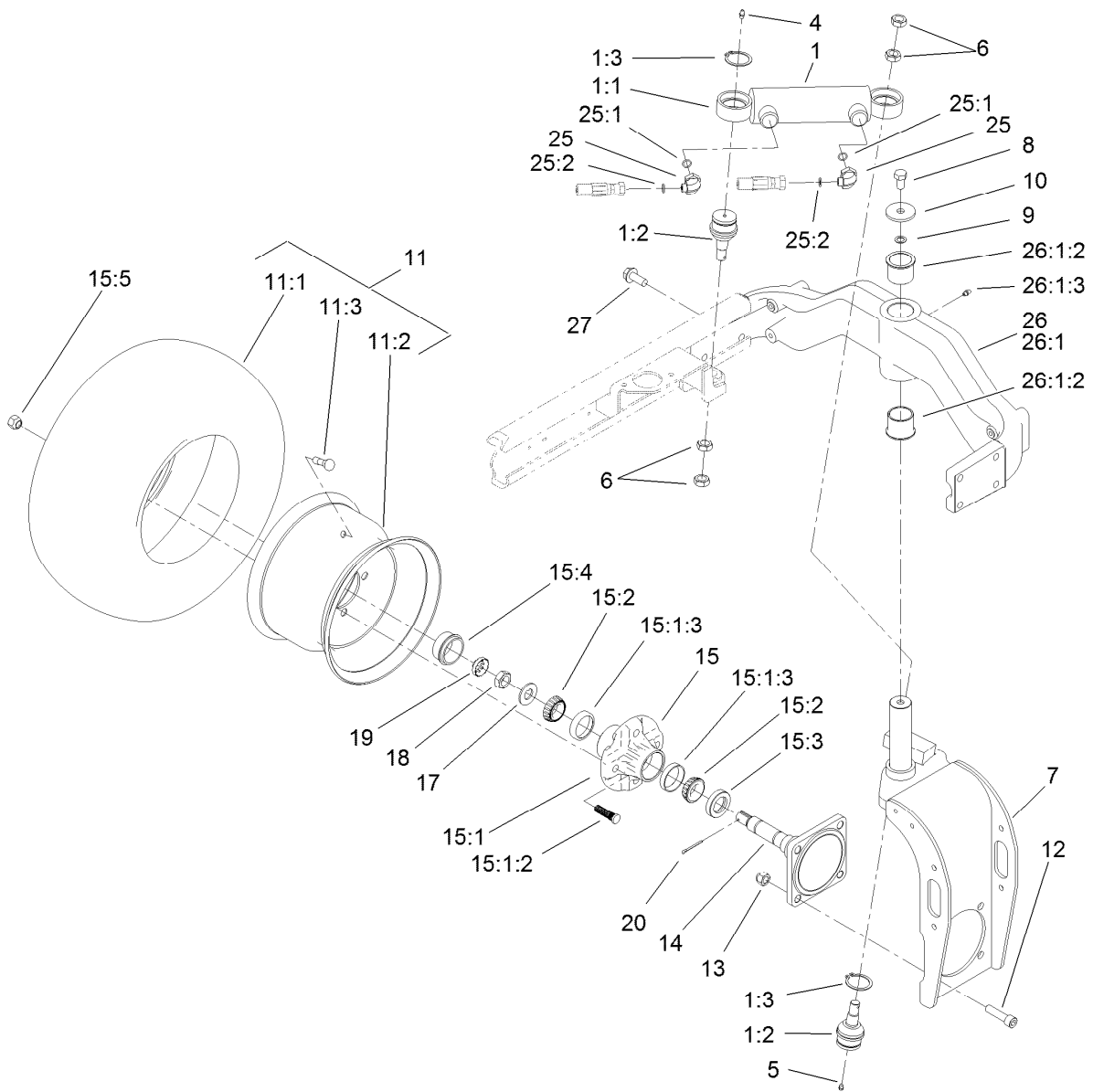


## Rear Fork and Tire Assembly

Ref.	Part Number	Qty.	Description
1		1	Steering Cylinder / Balljoint ASM ●
1:1	94-8141	1	HYD Cylinder ASM
1:2	106-6774	2	Joint-Ball
1:3	32151-104	2	Ring-Retaining, External
4	302-5	1	Fitting-Grease
5	302-59	1	Plug-EXT Hex Spl
6	3220-6	4	Nut-Jam
7	95-8905-01	1	Fork-Rear
8	325-3	1	Screw-HH
9	3255-2	1	Washer-Lock, EXT
10	75-7730	1	Washer-Thrust
11		1	Wheel And Tire ASM ●
11:1	117-5129	1	Rim
11:2	115-1572	1	Tire
11:3	232-27	1	Stem-Valve
12	3274-5	4	Screw-HSH
13	3296-23	4	Nut-Lock, NI

Ref.	Part Number	Qty.	Description
14	115-6655-03	1	Spindle
15	117-5115	1	Hub And Bearing ASM
15:1	117-8251	1	Hub ASM
15:1:2	114-3918	4	Stud-Wheel
15:1:3	254-72	2	Bearing-Cup, Tapered
15:2	254-94	2	Bearing-Cone, Tapered
15:3	112-1690	1	Seal-Oil
15:4	241-119	1	Cap-Dust
15:5	242-50	4	Nut-Lug
17	93-0309	1	Washer-Tab
18	3220-7	1	Nut-Jam
19	93-0307	1	Nut-Lock, Retainer
20	3272-13	1	Pin-Cotter
25	340-132	2	Fitting-Elbow, 90 DEG
25:1	237-78	1	O-Ring
25:2	237-21	1	O-Ring
26	107-7828-03	1	Casting-Rear
26:1		1	Rear Casting ASM ●

● Not serviced separately

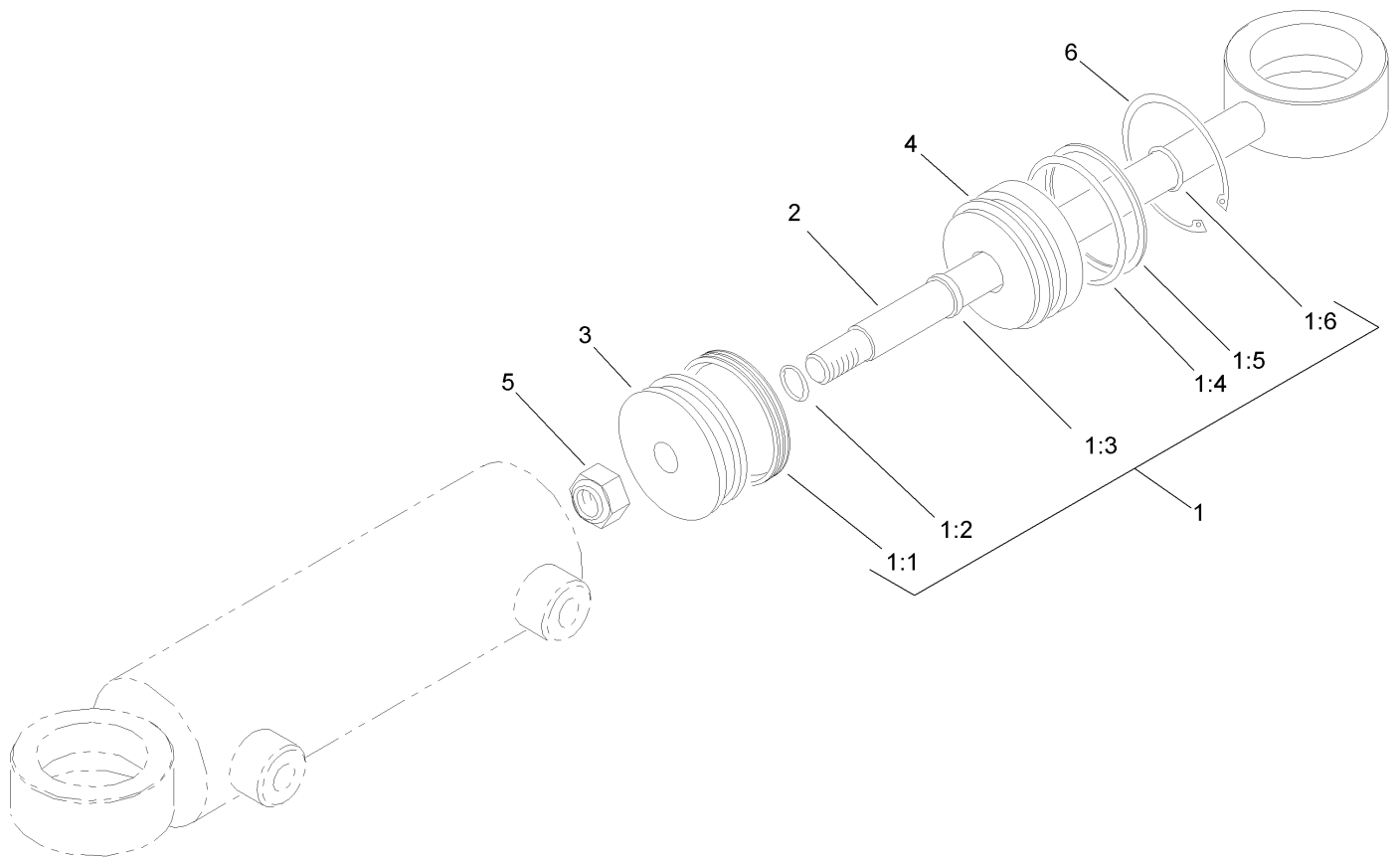


## Rear Fork and Tire Assembly (continued)

Ref.	Part Number	Qty.	Description
26:1:2	95-8805	2	Bushing

Ref.	Part Number	Qty.	Description
26:1:3	302-5	1	Fitting-Grease
27	3234-38	8	Screw-HHF

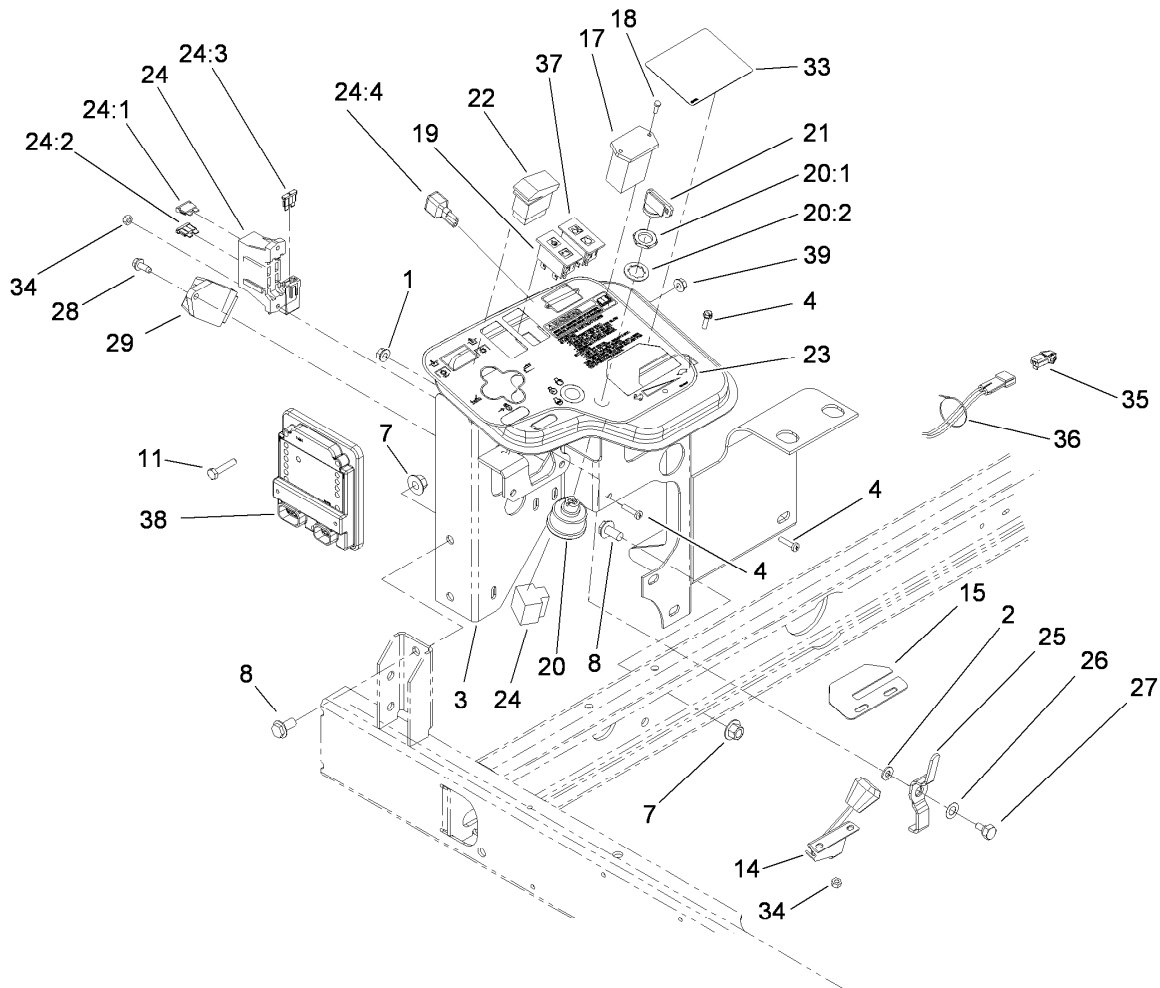
● Not serviced separately



## Hydraulic Cylinder Assembly No. 94-8141

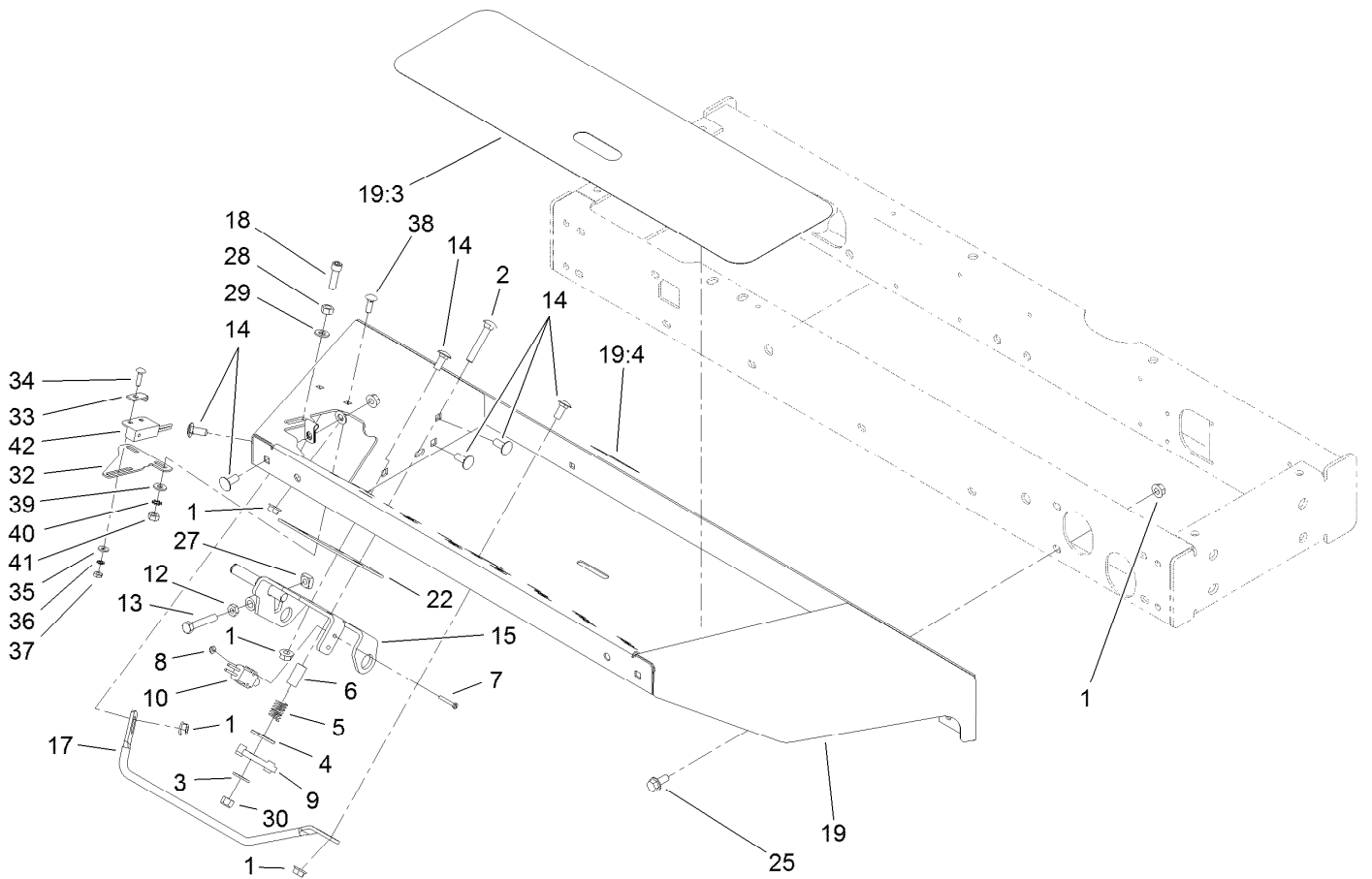
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	86-5390	1	Seal Kit
1:1		1	Uniring ●
1:2		1	Ring-Retaining ●
1:3		1	Seal-Rod ●
1:4		1	Ring-Retaining ●
1:5		1	Ring-Backup ●
1:6		1	Ring-Retaining ●
2		1	Rod ●
3		1	Piston ●
4		1	Gland ●
5		1	Nut-Lock ●
6		1	Ring-Retaining ●

● Not serviced separately



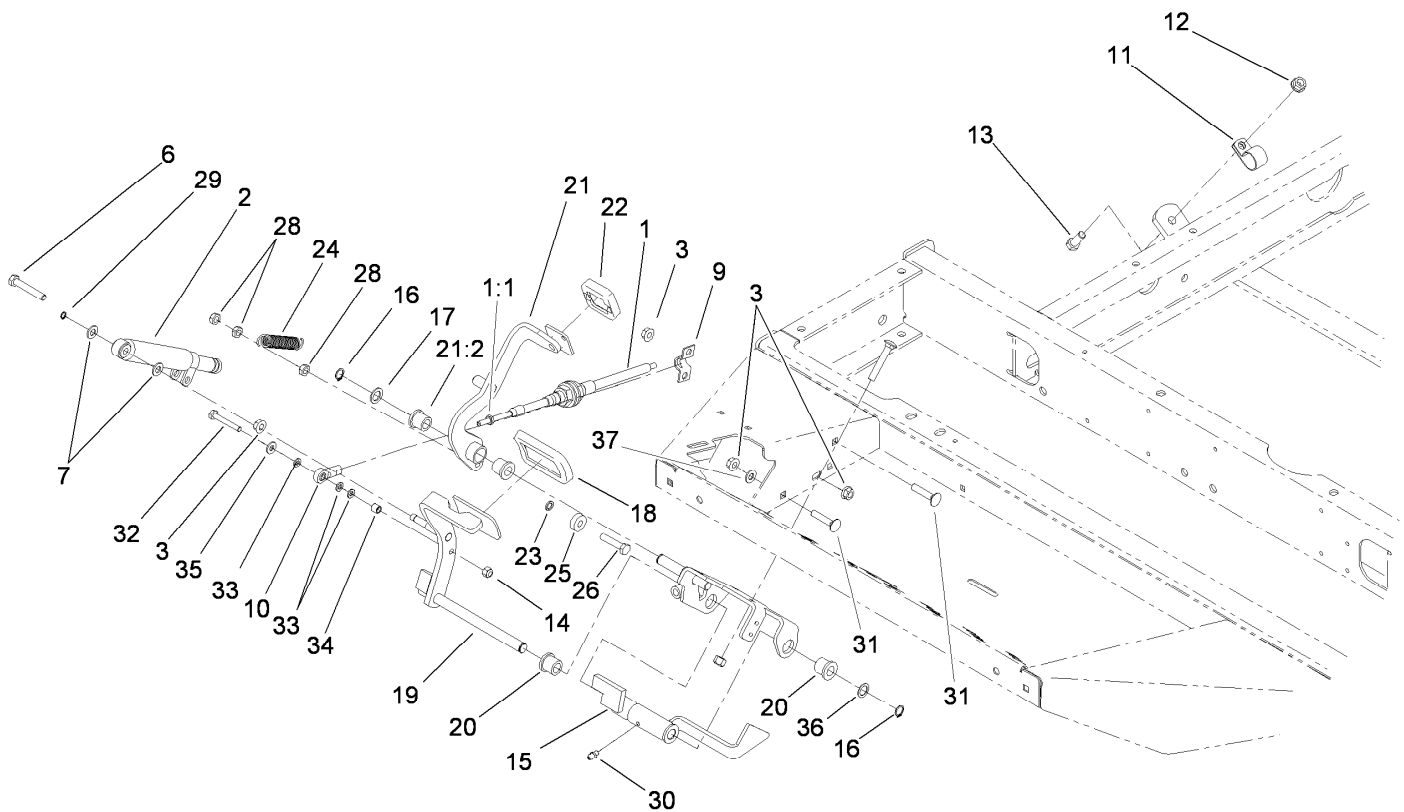
## Control Panel Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	32128-32	1	Nut-HHF	24	112-9911	1	Harness-Wire
2	3256-22	1	Washer-Flat	24:1	218-578	2	Fuse-Blade, 10 Amp
3	115-3496-03	1	Panel-Control	24:2	109355	1	Fuse-Blade, 15 Amp
4	3290-134	4	Screw	24:3	94-6710	1	Fuse-2 Amp
7	32128-43	5	Nut-Flange	24:4	100-4918	1	Diode
8	3234-1	5	Screw-HHF	25	99-3401-03	1	Lever-Valve, Lock
11	321-8	3	Screw-HH	26	3290-477	1	Washer-Curved
14	110-8795	1	Cable-Throttle	27	63-3410	1	Screw-Shoulder
15	104-0421	1	Plate-Stop, Throttle	28	32144-10	1	Screw-HWH
17	75-6820	1	Hourmeter	29	98-7611	1	Controller-Glow
18	32144-18	2	Screw-HWH	33	99-3558	1	Decal-Console, CE
19	100-8070	1	Lamp-Warning	34	3290-148	4	Nut-HF
20	104-2541	1	Ignition Switch ASM	35	104-4875	1	Harness-Wire, Jumper
20:1	218-461	1	Nut-HH	36	3290-379	1	Tie-Cable
20:2	3254-5	1	Washer-Lock	37	100-8071	1	Lamp-Warning
21	63-8360	2	Key-Ignition	38	106-9277	1	Module-Control, Standard
22	95-8999	1	Switch	39	32128-33	3	Nut-HF
23	108-9006	1	Decal-Console				



## Front Platform Assembly

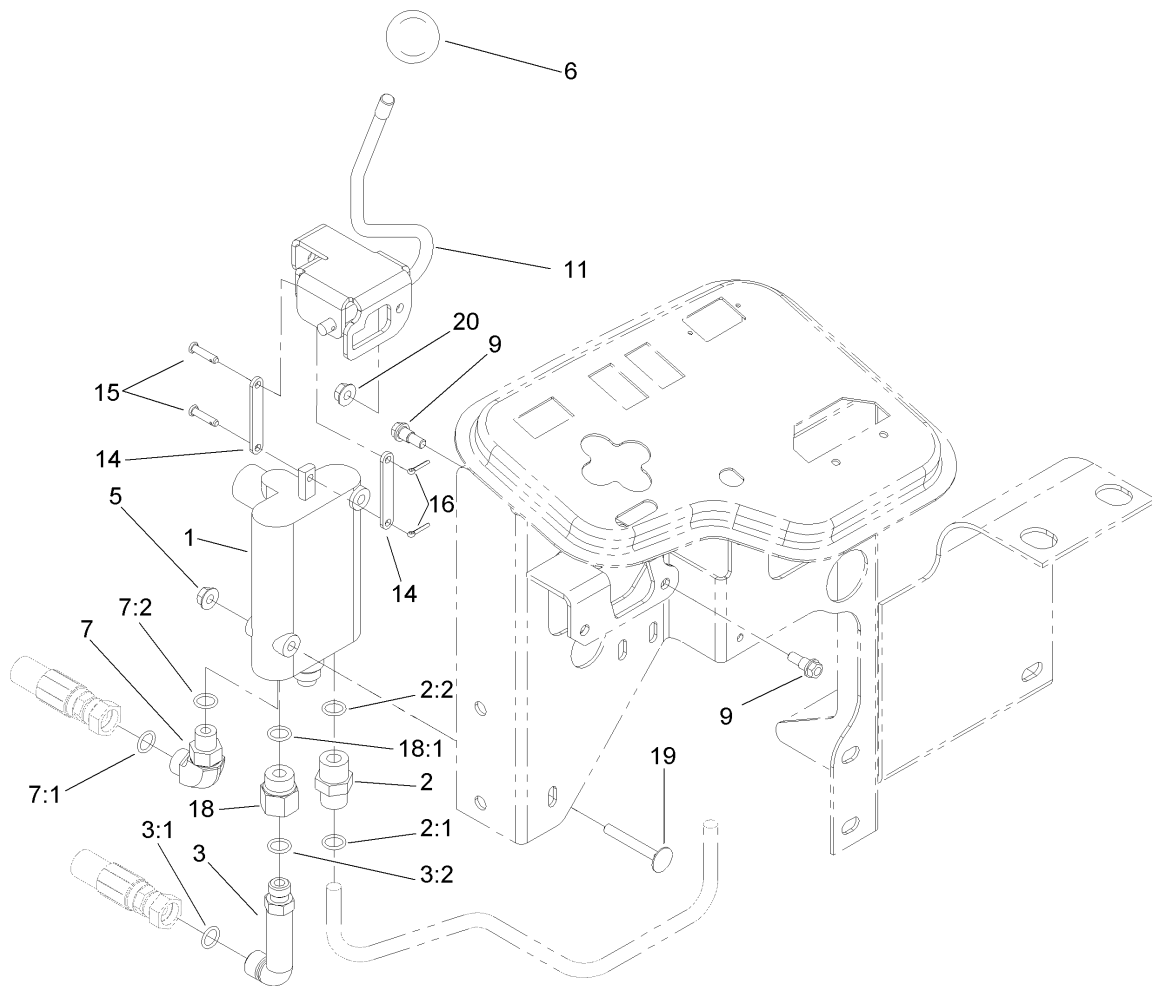
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	32128-20	17	Nut-HF	19:4	99-3444	1	Decal-Mow / Transport
2	3230-6	1	Bolt-CARR	22	106-2661-01	1	Plate-Support
3	3256-3	1	Washer-Flat	25	3234-5	10	Screw-HHF
4	3256-40	1	Washer-Flat	27	99-3565	1	Nut-Square
5	65-9940	1	Spring	28	3217-6	1	Nut-Hex
6	95-8866	1	Tube-Arm, Rocker	29	3256-23	1	Washer-Plain
7	32105-9	2	Screw	30	3296-29	1	Nut-Lock, NI
8	3296-9	2	Nut-Hex	32	100-4871	1	Bracket-Switch, Neutral
9	99-3593	1	Arm-Rocker	33	100-4872	1	Plate-Switch, Neutral
10	95-8900	1	Switch	34	3229-20	1	Screw-CARR
12	3218-2	1	Nut-Hex Jam	35	3256-14	1	Washer-Flat
13	322-41	1	Bolt-Hex, TAP	36	3255-17	1	Washer-Lock, EXT
14	3230-23	6	Bolt-CARR	37	3296-2	1	Nut-Lock, NI
15	95-8869-03	1	Bracket-Pedal, Traction	38	3229-1	2	Screw-CARR
17	95-8893	1	Bar-Deflector	39	3256-22	2	Washer-Flat
18	3274-22	1	Screw-HSH	40	3255-7	2	Washer-Lock/EXT
19	106-4154	1	Floorplate ASM	41	3217-5	2	Nut-Hex
19:3	99-3478	1	Tread-Foot	42	100-1270	1	Switch-Proximity



## Traction Pedal Assembly

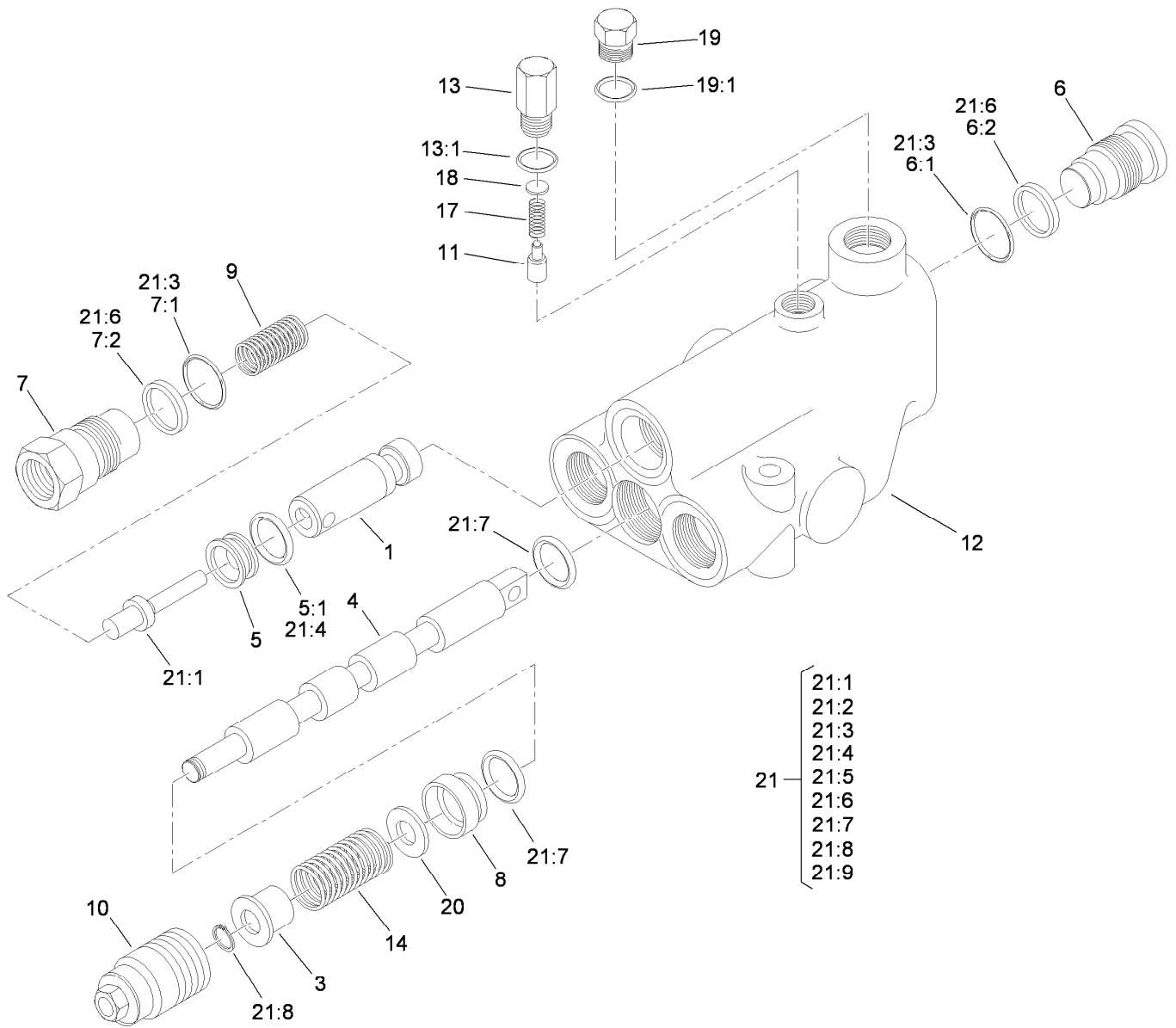
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	100-4815	1	Cable-Control, Traction	21	99-3379	1	Pedal-Reverse ASM
1:1	3220-1	2	Nut-Jam	21:2	256-243	2	Bearing-Flange
2	76-8870	1	Damper-Lever	22	74-9110	1	Pad-Pedal, Reverse
3	32128-20	5	Nut-HF	23	75-5470	1	Spacer-Bearing
6	322-10	1	Screw-HH	24	99-3476	1	Spring-Extension
7	3256-23	2	Washer-Plain	25	251-259	1	Bearing-Ball
9	93-2092	1	Clamp-Cable	26	322-7	1	Screw-HH
10	2411-41	1	Rod End-Ball Joint	28	3296-47	3	Nut-Lock,NI
11	2412-41	1	Clamp-R	29	32151-3	1	Ring-Grip
12	3290-357	1	Nut-HHF, Whiz	30	302-5	1	Fitting-Grease
13	323-6	1	Screw-HH	31	3230-27	1	Screw-CARR
14	3296-42	1	Nut-Lock, NI	32	321-10	1	Screw-HH
15	95-8861	1	Slide	33	33093-00	3	Washer-Flat
16	32151-84	2	Ring-Shaft, EXT	34	99-3545	1	Spacer
17	41-8440	1	Washer	35	3256-22	1	Washer-Flat
18	74-9100	1	Pad-Pedal, Forward	36	73-0040	4	Washer-Thrust
19	104-4852-03	1	Pedal-Traction	37	3256-24	1	Washer-Flat
20	256-243	2	Bearing-Flange				





## Control Valve Assembly

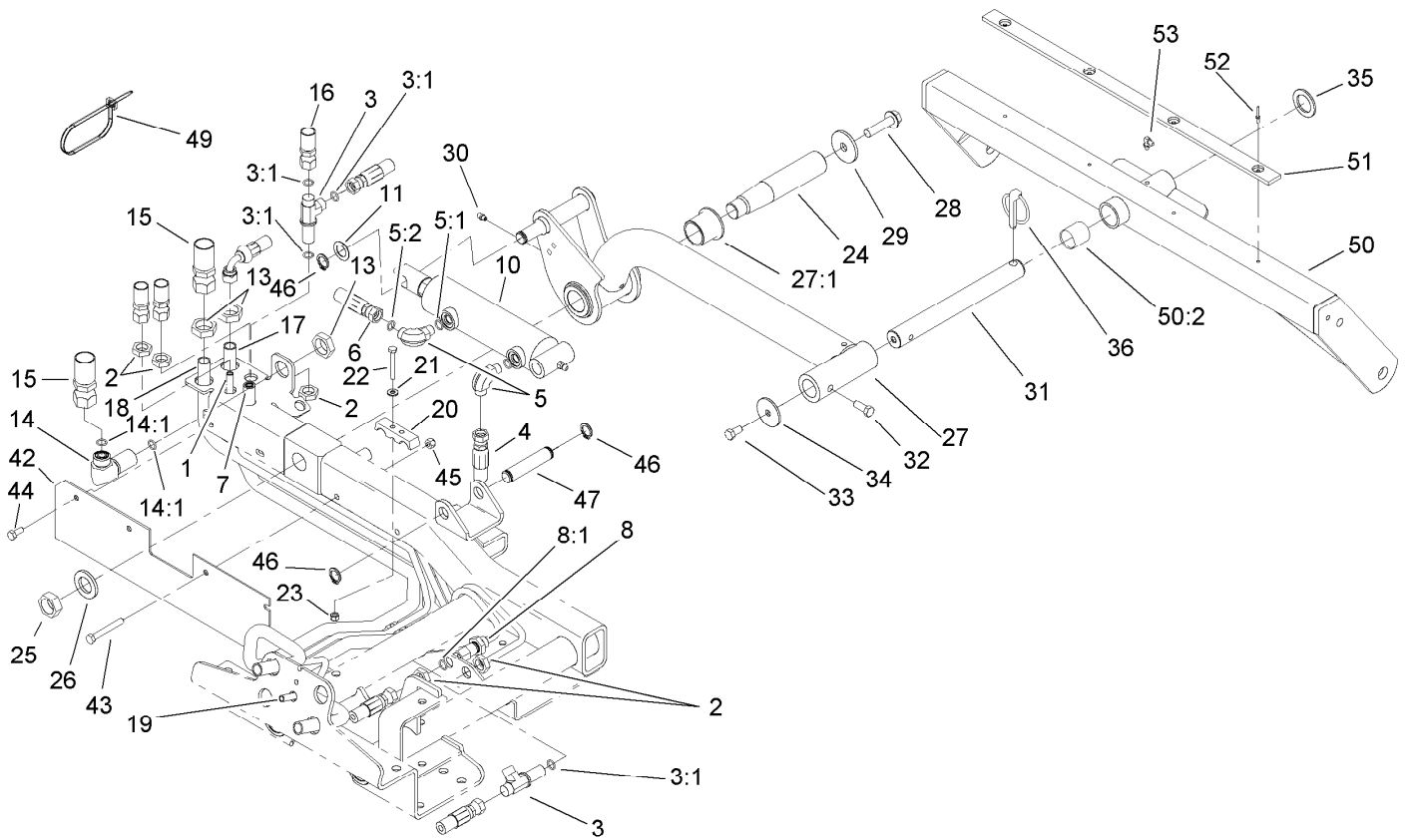
Ref.	Part Number	Qty.	Description
1	95-8689	1	Single Spool Control Valve ASM
2	340-3	1	Fitting-Straight
2:1	237-22	1	O-Ring
2:2	237-79	1	O-Ring
3	69-4320	1	Fitting-HYD, 90 DEG
3:1	237-22	1	O-Ring
3:2	237-42	1	O-Ring
5	32128-33	2	Nut-HF
6	233-42	1	Knob
7	340-77	1	Fitting-Elbow, 90 DEG
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring
9	42-3560	2	Bolt-Shoulder
11	95-8692	1	Lever ASM
14	95-8634	2	Link
15	283-16	2	Pin-Clevis
16	3272-1	2	Pin-Cotter
18	353-397	1	Reducer-Adapter
18:1	237-79	1	O-Ring
19	3230-33	2	Screw-CARR
20	32128-32	2	Nut-HHF



## Single Spool Control Valve Assembly No. 95-8689

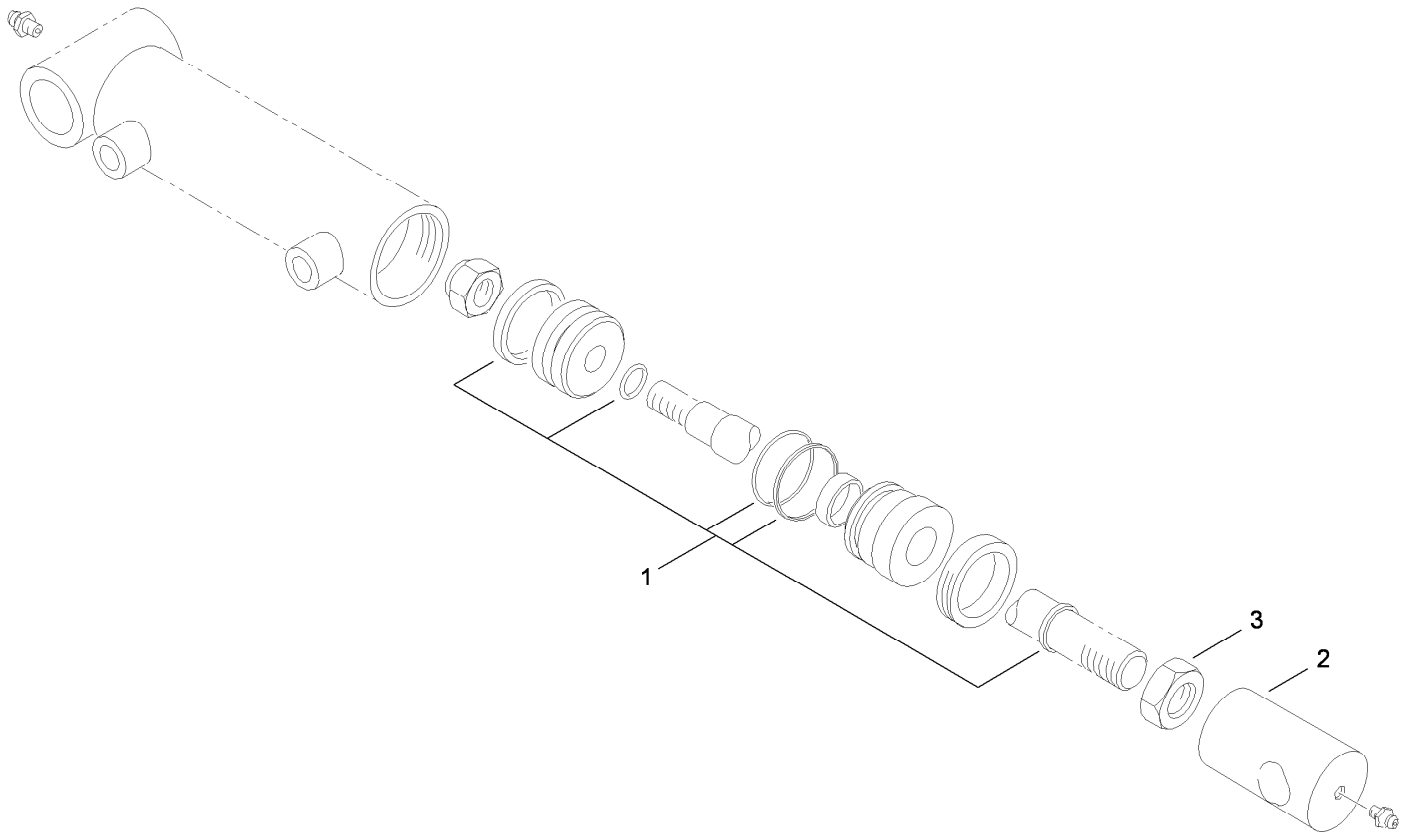
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	99-3586	1	Plunger	13:1	60-6410	1	O-Ring
3	58-6310	1	Spacer	14	99-3531	1	Spring
4		1	Spool ●	17	99-3587	1	Spring
5	58-6330	1	Seat	18	60-6450	1	Disc
5:1	58-6340	1	O-Ring	19	353-989	1	Plug-Hex, Hollow
6	58-6350	1	Plug	20	65-2770	1	Washer
6:1	60-5720	1	O-Ring	21	99-3589	1	Seal Kit
6:2	58-6370	1	Washer	21:1	58-6290	2	Poppet
7	69-1800	1	Plug ASM	21:2	58-6320	1	Wiper
7:1	60-5720	1	O-Ring	21:3	60-5720	2	O-Ring
7:2	58-6370	1	Washer	21:4	58-6340	2	O-Ring
8	58-6400	1	Bushing	21:5	93-6314	1	O-Ring
9	69-1810	1	Spring	21:6	58-6370	2	Washer
10	58-6420	1	Cap	21:7	58-6450	2	O-Ring
11	99-3585	1	Detent-Plunger	21:8	58-6460	1	Ring-Retaining
12		1	Body ●	21:9		1	Ring-Retaining ●
13	99-3588	1	Plug ASM				

● Not serviced separately



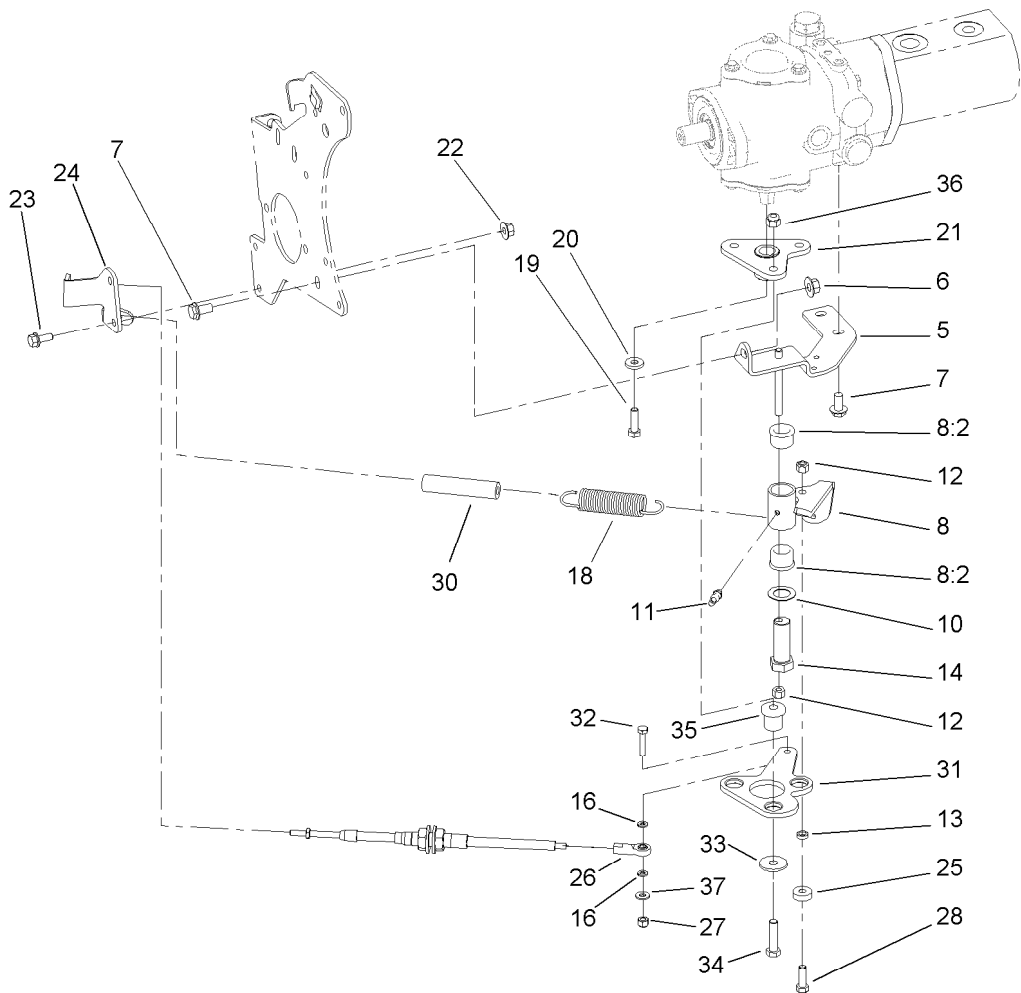
## Rear Lift Arm Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	104-0402	1	Tube-HYD	24	95-8990	1	Shaft-Pivot, Rear
2	340-70	5	Nut-Lock	25	3220-9	1	Nut-Jam
3	340-68	2	Fitting-Tee, Bulkhead	26	86-1480	1	Washer
3:1	237-22	3	O-Ring	27	115-3473	1	Rear Liftarm ASM
4	104-0407	1	Hose-HYD	27:1	69-6470	2	Bushing-Caster
5	340-77	2	Fitting-Elbow, 90 DEG	28	3234-27	1	Screw-HHF
5:1	237-22	1	O-Ring	29	75-7730	1	Washer-Thrust
5:2	237-42	1	O-Ring	30	302-5	1	Fitting-Grease
6	99-3579	1	Hose-HYD	31	100-4944	1	Shaft-Pivot, Cutting Unit
7	104-0403	1	Tube ASM	32	323-6	1	Screw-HH
8	340-71	1	Fitting-Straight, Bulkhead	33	323-4	1	Screw-HH
8:1	237-22	2	O-Ring	34	63-7400	1	Washer-Rebound
10	112-9916	1	HYD Cylinder ASM	35	3-6781	1	Washer-Thrust
11	3-6498	1	Washer-Thrust	36	283-71	1	Pin-Lynch
13	340-74	3	Nut-Lock, Bulkhead	42	104-0453-03	1	Guard
14	340-72	1	Fitting-Bulkhead, 90 DEG	43	322-12	2	Screw-HH
14:1	237-65	2	O-Ring	44	322-3	2	Screw-HH
15	108-9004	2	Hose ASM	45	32128-20	4	Nut-HF
16	115-3412	1	Hose-HYD	46	32120-93	3	Ring-Retaining
17	104-0401	1	Tube ASM	47	95-8575	1	Pin-Clevis
18	104-0400	1	Tube ASM	49	3334-945	2	Tie-Cable
19	104-0404	1	Tube ASM	50	104-4229	1	Rear Carrier Frame ASM
20	99-3641	2	Clamp-Tube	50:2	108-4000	2	Bushing
21	3256-22	4	Washer-Flat	51	95-8936	1	Strip-Wear
22	321-11	2	Screw-HH	52	3269-18	4	Rivet-Blind
23	3296-42	2	Nut-Lock, NI	53	302-60	1	Fitting-Grease



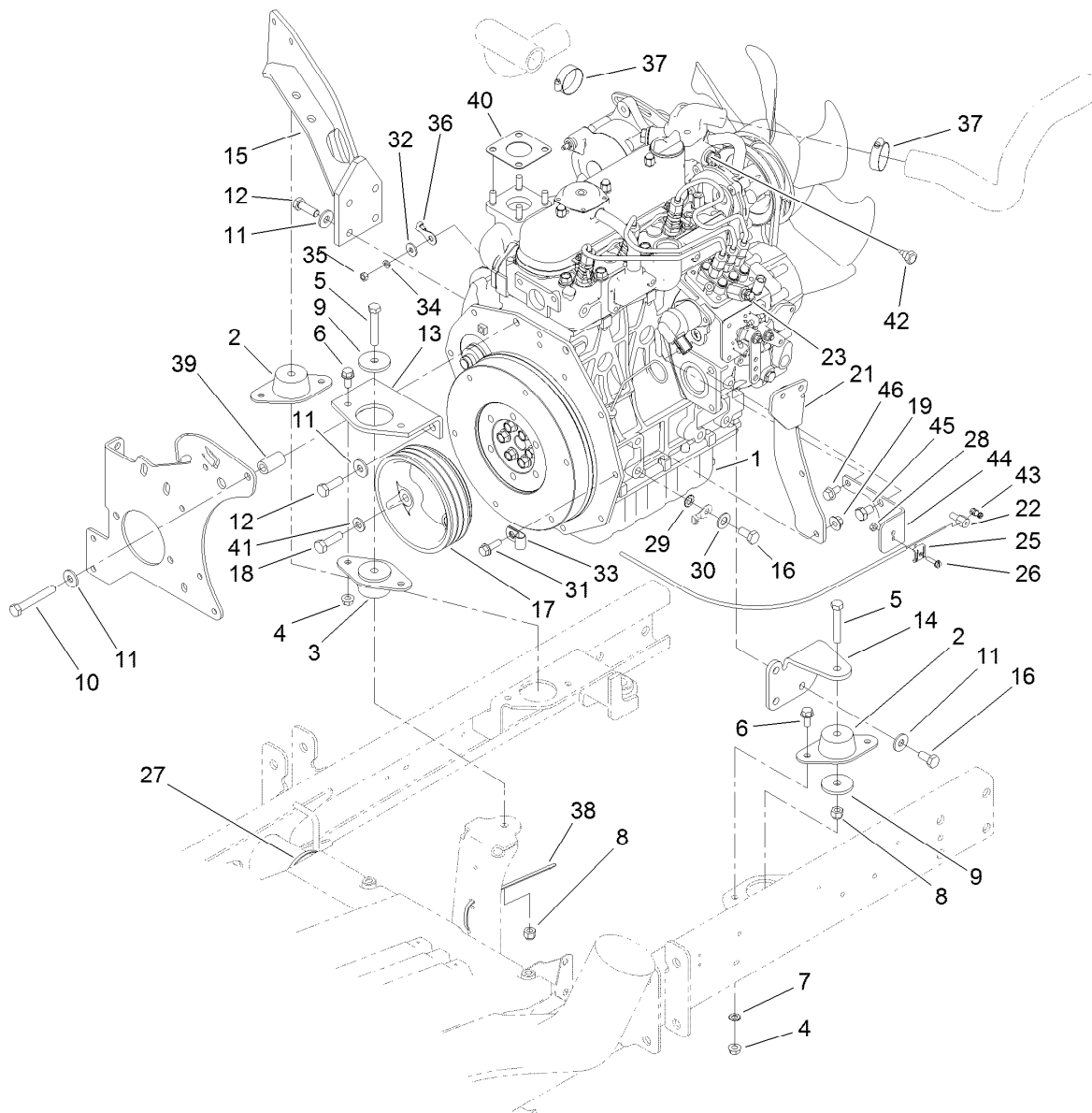
## Hydraulic Cylinder Assembly No. 112-9916

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	115-3410	1	Seal Kit
2	108-9035	1	Clevis
3	3220-7	1	Nut-Jam



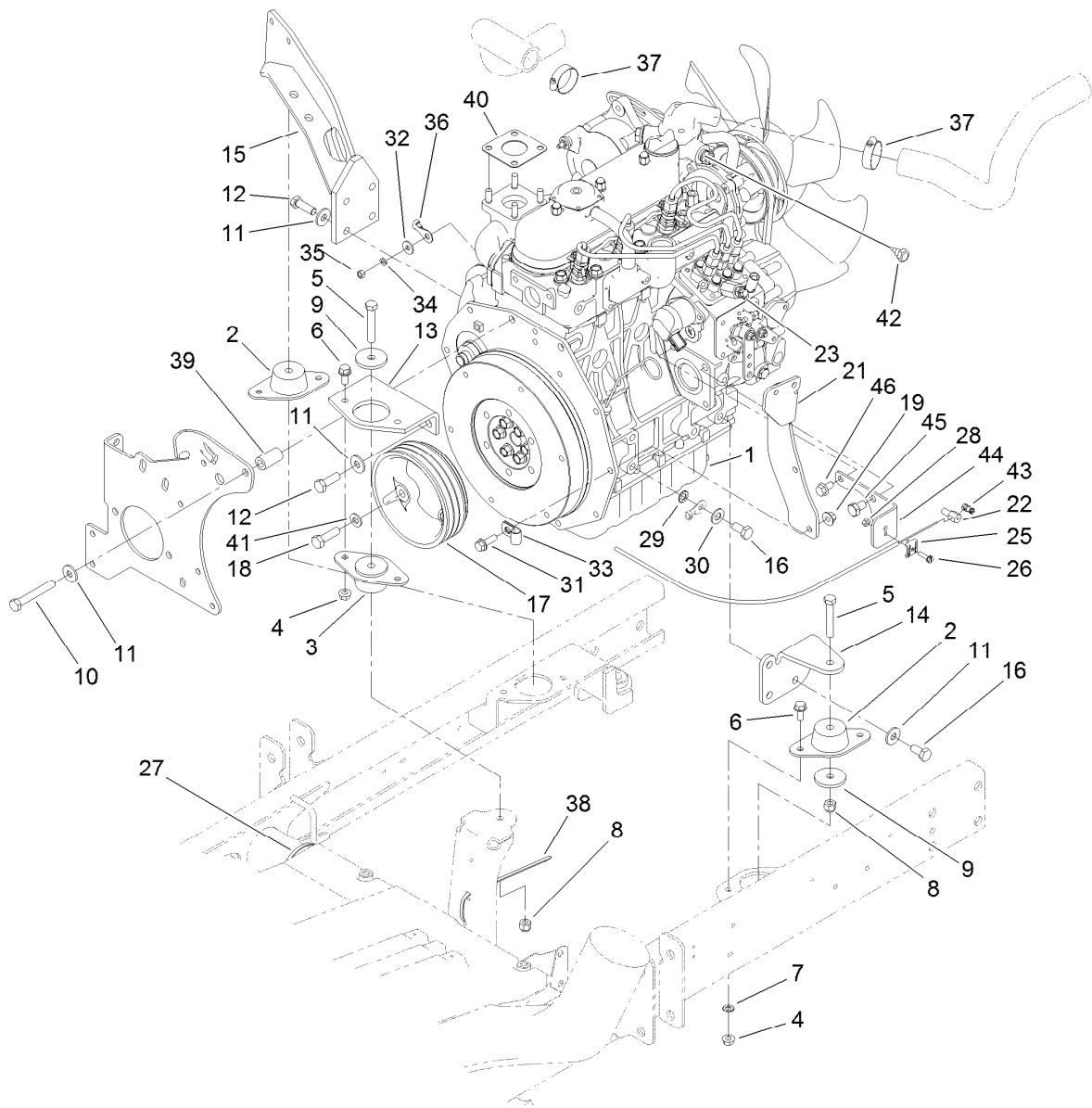
## Neutral Arm Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
5	95-8960-03	1	Bracket-Neutral	22	32128-44	2	Nut
6	32128-43	1	Nut-Flange	23	3234-5	2	Screw-HHF
7	3234-1	3	Screw-HHF	24	104-0464-03	1	Bracket-Support, Cable
8	104-0422	1	Neutral Arm ASM	25	251-259	1	Bearing-Ball
8:2	256-113	2	Bushing-Flange	26	2411-41	1	Rod End-Ball Joint
10	3-6498	1	Washer-Thrust	27	3296-42	1	Nut-Lock, NI
11	302-60	1	Fitting-Grease	28	3274-104	1	Screw-HSBH
12	3296-29	2	Nut-Lock, NI	30	99-3556	1	Hose
13	100-4817	1	Spacer	31	99-3594-03	1	Lever-Pump
14	76-8640	1	Stud-Traction	32	321-8	1	Screw-HH
16	33093-00	2	Washer-Flat	33	2844	3	Washer
18	94-1369	1	Spring-Extension	34	95-3857	3	Screw-HSBH
19	3210-6	1	Screw-HH	35	63-9750	3	Mount
20	88-7200	1	Washer-Flat	36	3296-39	3	Nut-Lock, NI
21	99-3598-03	1	Hub	37	3256-22	1	Washer-Flat



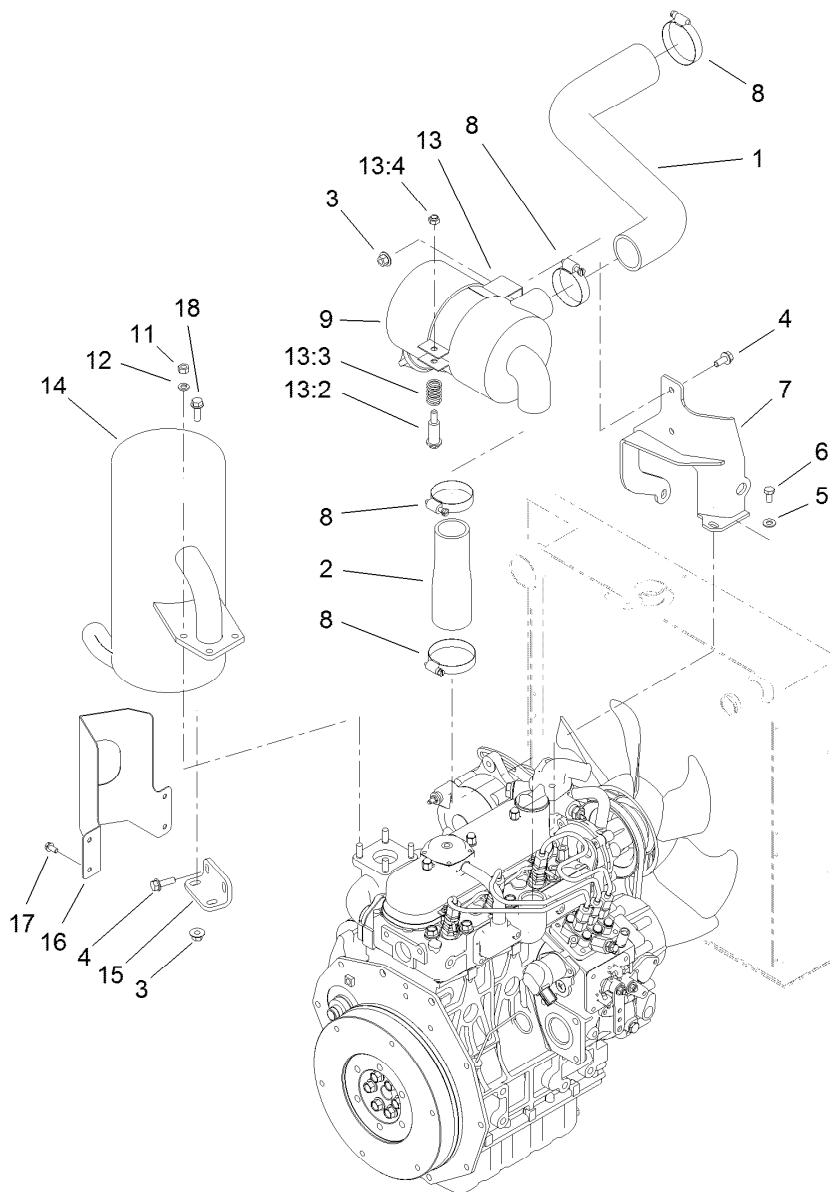
## Engine Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	119-2025	1	Engine ASM	23	3296-20	1	Nut-Lock, NI
2	83-1030	2	Mount-Engine	25	81-1690	1	Clamp-Cable
3	93-5265	1	Mount-Engine	26	32105-13	1	Screw-HWH
4	32128-20	6	Nut-HF	27	3290-379	2	Tie-Cable
5	323-11	3	Screw-HH	28	3296-2	1	Nut-Lock, NI
6	3234-5	6	Screw-HHF	29	3255-9	1	Washer-Lock
7	3255-8	1	Washer-Lock	30	3256-25	1	Washer-Flat
8	3296-39	3	Nut-Lock, NI	31	3234-17	2	Screw-HHF
9	80-8560	3	Washer-Hardened	32	3256-78	1	Washer-Flat
10	42-9370	1	Screw-HH	33	2412-10	1	Clamp-R
11	80-6990	9	Washer-Hardened	34	43-5930	1	Washer-Lock, Spring
12	95-8812	5	Screw-HH	35	48-7890	1	Nut-Hex
13	99-3618-03	1	Mount-Engine, Front	36	99-3441	1	Harness-Wire, Fusible Link
14	95-8937-03	1	Mount-Engine, LH	37	2412-34	2	Clamp-Hose
15	100-4838-03	1	Mount-Engine	38	3290-378	14	Tie-Cable
16	63-7790	4	Screw-Cap	39	95-8736	1	Spacer
17	99-3626-03	1	Pulley	40	98-9611	1	Gasket
18	56-2140	3	Screw-HH	41	3256-24	3	Washer-Flat
19	32128-44	2	Nut	42	106-7772	1	Thermoswitch
21	115-3487-03	1	Bracket-Mount, Fuel Filter	43	112-9919	1	Stop-Cable, Throttle
22	98-9311	1	Swivel-Throttle	44	110-9009-03	1	Bracket-Cable, Throttle



## Engine Assembly (continued)

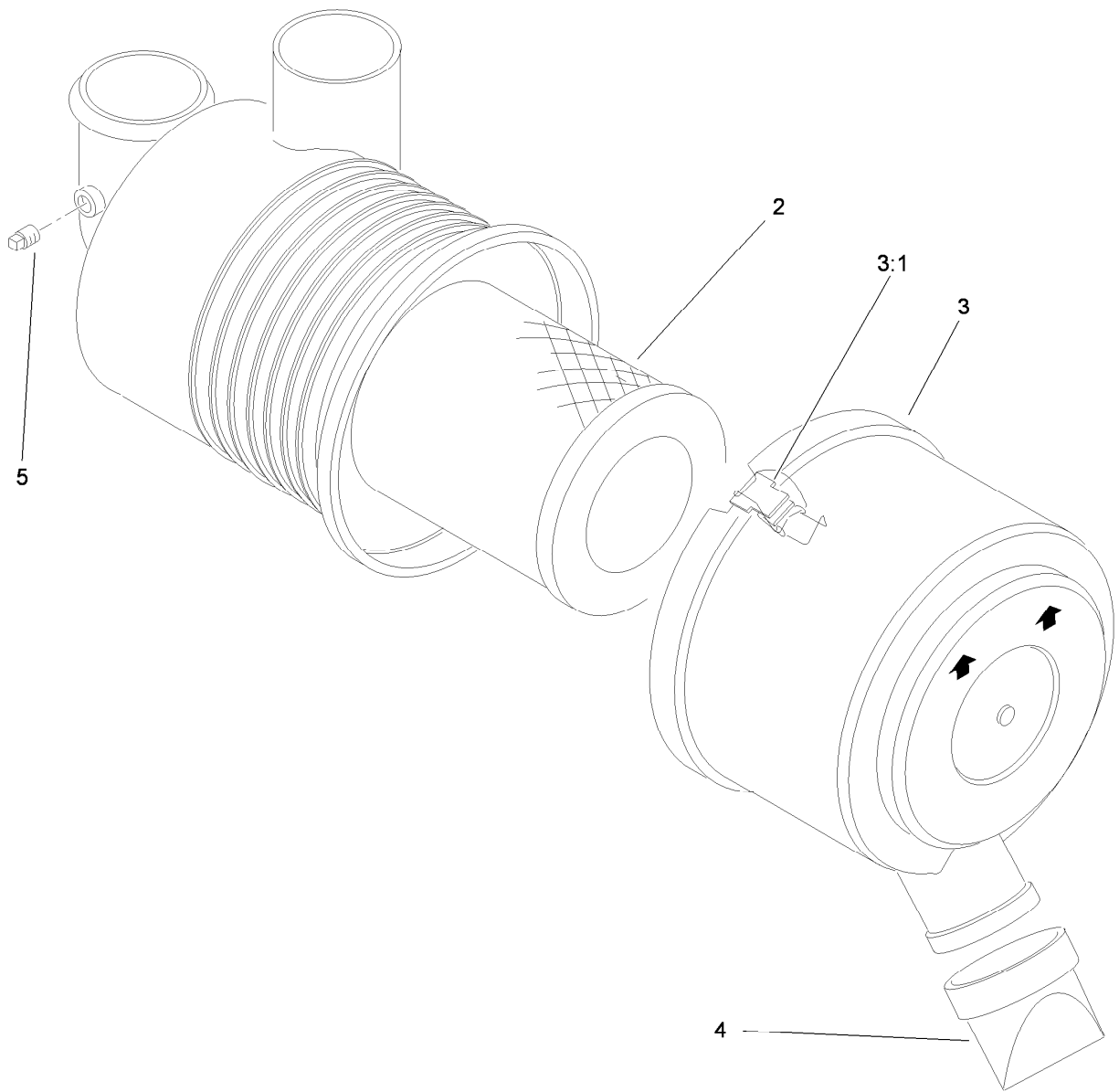
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
45	70-8470	1	Screw-HH
46	33104-016	1	Screw-HHF



## Air Cleaner and Muffler Assembly

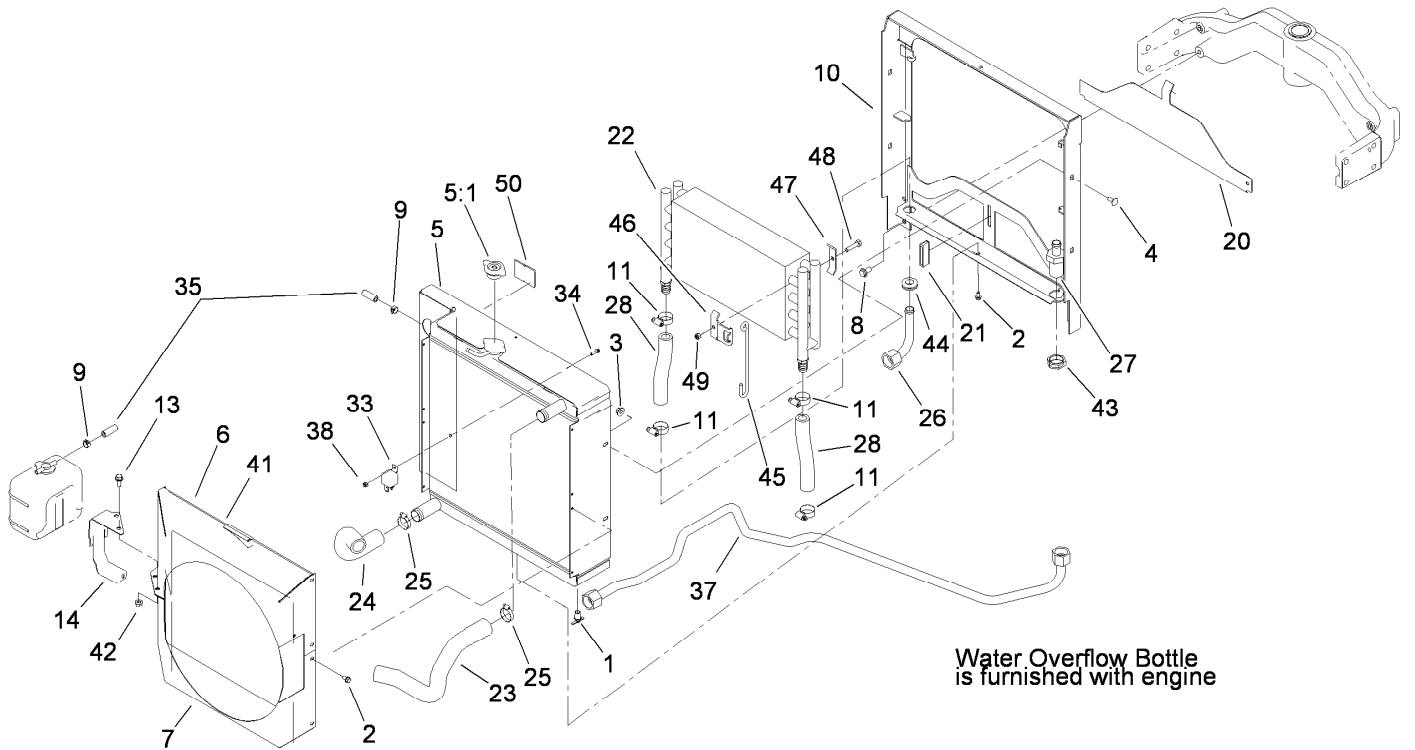
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	120-3354	1	Hose-Air Inlet, Upper	13	93-2191	1	Air Cleaner Mounting Band ASM
2	95-8947	1	Hose-Air Inlet, Lower	13:2	94-3653	1	Bolt
3	32128-44	6	Nut	13:3	94-3654	1	Spring
4	3234-5	3	Screw-HHF	13:4	48-9510	1	Nut
5	3256-23	2	Washer-Plain	14	104-4834	1	Muffler
6	33114-016	2	Screw-HH	15	95-8943-03	1	Bracket-Muffler
7	99-3355-03	1	Bracket-Filter, Air	16	99-3425-03	1	Guard-Exhaust
8	2412-92	4	Clamp-Hose	17	32144-4	4	Screw-HWH
9	93-2190	1	Air Cleaner ASM	18	3234-17	3	Screw-HHF
11	33014-00	4	Nut-Hex				
12	3253-4	4	Washer-Lock				





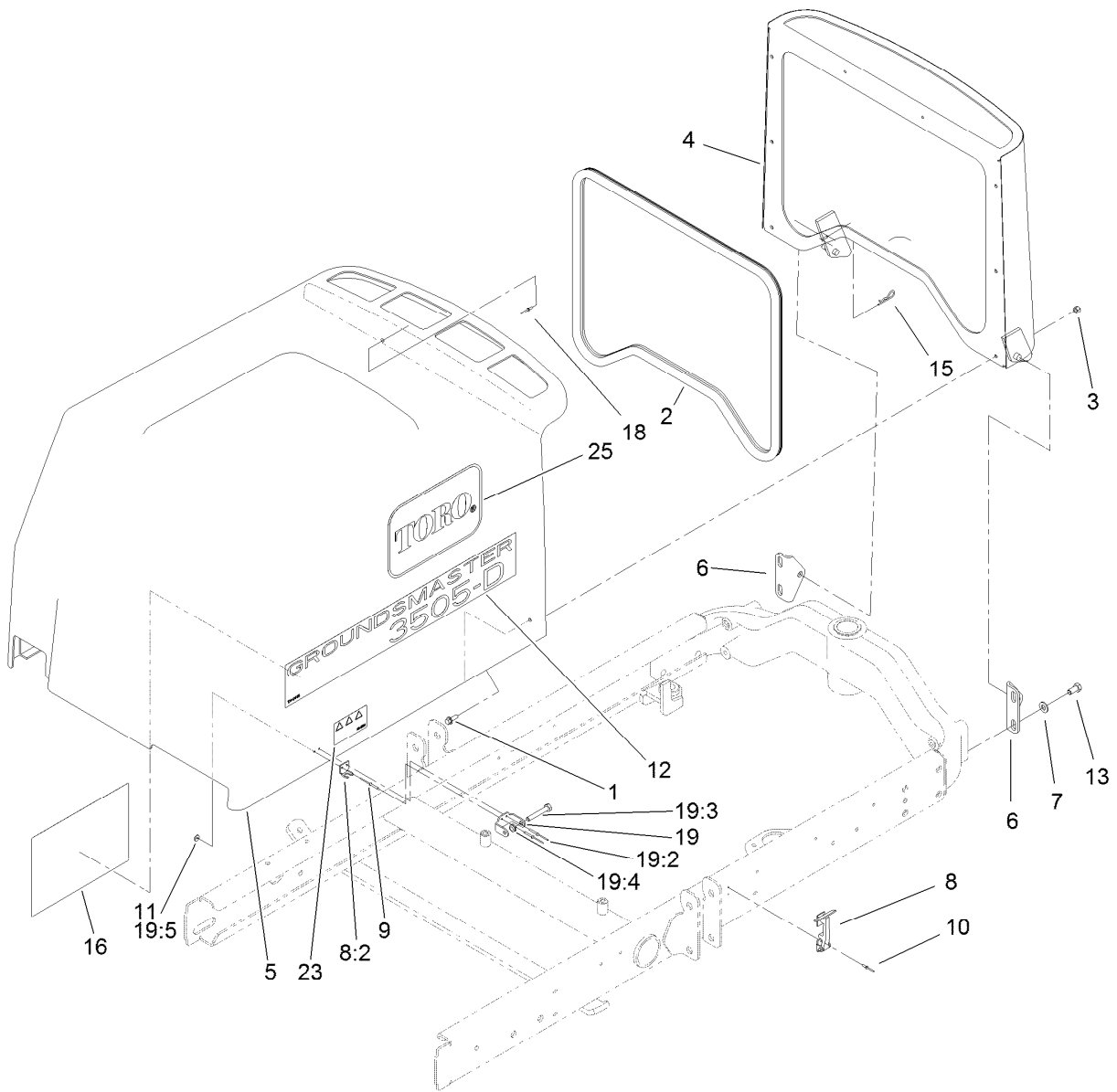
## Air Cleaner Assembly No. 93-2190

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	108-3811	1	Filter-Air
3	94-3652	1	Cover ASM
3:1	1-643283	2	Latch-Cleaner, Air
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



## Radiator Assembly

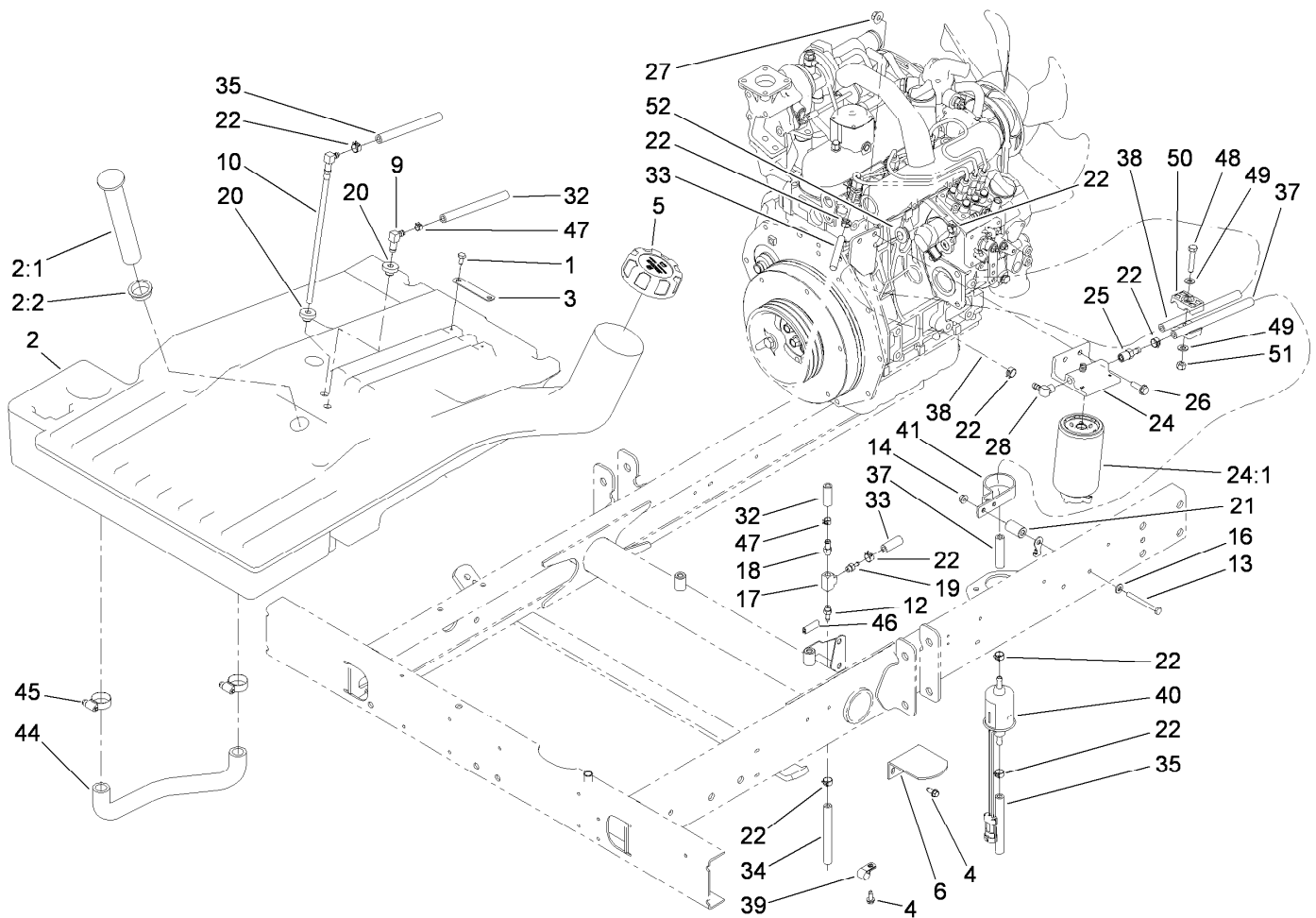
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	304-46	1	Draincock	25	2412-34	2	Clamp-Hose
2	32104-116	11	Screw-HWHTF	26	99-3644	1	Tube-Head, Filter
3	32128-44	4	Nut	27	100-4925	1	Fitting-Bulkhead
4	3230-1	4	Bolt-CARR	28	99-3646	2	Hose-Cooler, Oil
5	117-5135	1	Radiator	33	99-7435	1	Relay
5:1	117-5138	1	Cap-Radiator	34	32105-13	1	Screw-HWH
6	100-4885-03	1	Shroud-Fan, Top	35	109-0274	1	Hose-Fuel
7	119-2008-03	1	Shroud-Fan, Lower	37	115-3489	1	Tube ASM
8	3234-1	4	Screw-HHF	38	3296-2	1	Nut-Lock, NI
9	92-2379	2	Clamp-Hose	41	93-6681	1	Decal-Warning, Fan
10	104-4855-03	1	Frame-Radiator	42	32128-20	2	Nut-HF
11	2412-129	4	Clamp-Hose	43	340-126	1	Nut-Bulkhead
13	3234-5	2	Screw-HHF	44	100-4866	1	Grommet
14	100-4899-03	1	Bracket-Reservoir	45	100-4858	2	Form-Wire
20	95-8702-03	1	Shield-Radiator, Lower	46	100-4859	2	Bracket-Cooler, Keeper
21	99-3497	1	Magnet	47	100-4860	2	Bracket-Clamp
22	100-4869	1	Cooler-Oil	48	322-17	2	Screw-HH
23	104-0454	1	Hose-Radiator, Upper	49	3296-47	2	Nut-Lock,NI
24	120-3353	1	Hose-Radiator, Lower	50	104-9459	2	Seal-Foam



## Hood Assembly

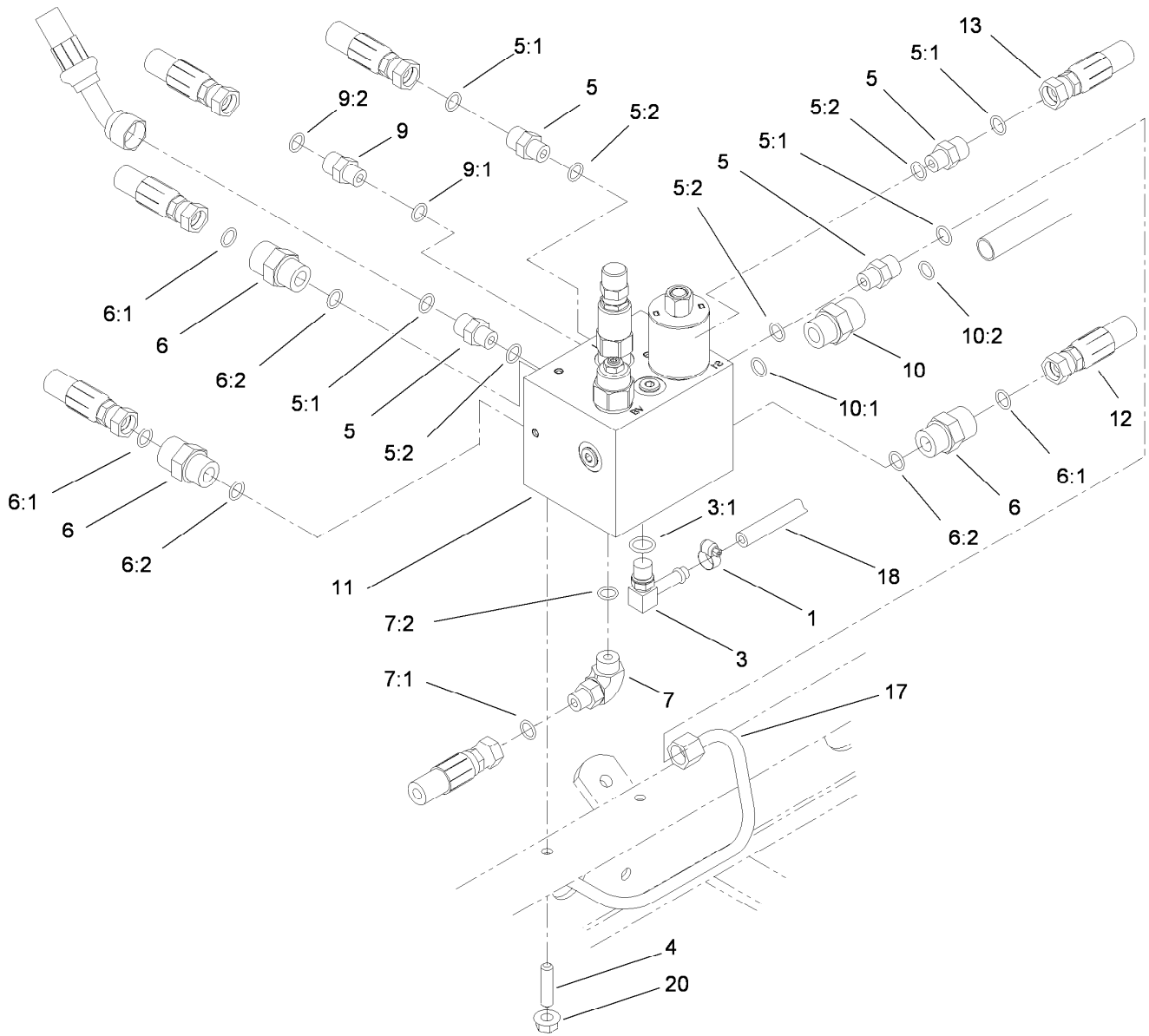
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	3234-4	6	Screw-HHF	12	108-9007	2	Decal-Hood
2	100-4932	1	Trim-Seal	13	323-6	4	Screw-HH
3	3296-42	6	Nut-Lock, NI	15	3290-467	1	Pin-Hair
4	104-4853-03	1	Screen-Hood	16	117-5103	1	Decal-Service
5	100-4855	1	Hood	18	3269-21	2	Rivet-Pop
5:1	106-8115	1	Heat Tape Repair Kit ●	19	119-2004	1	CE Latch Kit
6	95-8728	2	Bracket-Pivot, Hood	19:2	107-0333	2	Rivet-Pop
7	3256-24	8	Washer-Flat	19:3	322-10	1	Screw-HH
8	59-9740	2	Flex Draw Latch ASM	19:4	3296-47	1	Nut-Lock, NI
8:2	249-40	1	Keeper	19:5	3269-10	2	Washer-Back
9	107-0333	4	Rivet-Pop	23	106-6754	1	Decal-Danger
10	3290-55	4	Rivet-Pop	25	66-6140	2	Decal
11	3269-10	4	Washer-Back				

● Not illustrated



## Fuel System Assembly

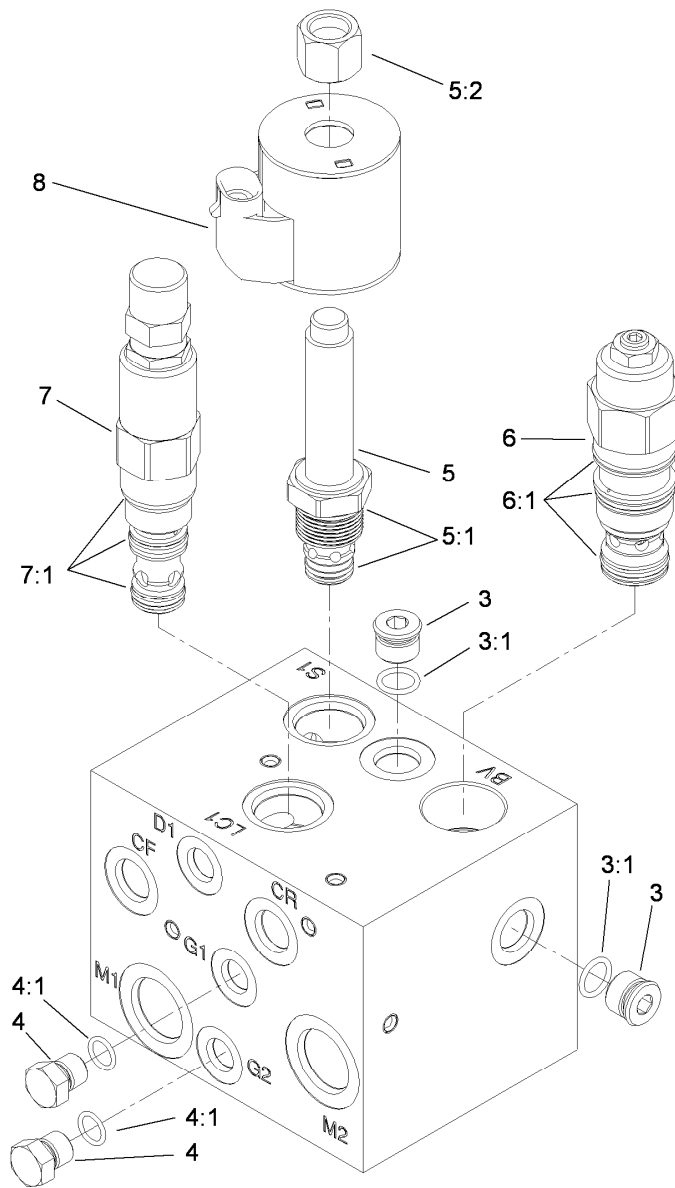
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	321-2	2	Screw-HH	25	353-783	1	Fitting-STR
2	105-7865	1	Tank-Fuel	26	3234-17	2	Screw-HHF
2:1	95-8971	1	Gauge-Fuel	27	32128-44	2	Nut
2:2	95-8972	1	Grommet	28	353-781	1	Fitting-HYD, 90
3	95-8881	1	Strap-Line, Fuel	32	110-6187	1	Hose-Fuel
4	32144-10	3	Screw-HWH	33	110-8751	1	Hose-Fuel
5	114-5064	1	Cap-Diesel	34	110-5701	1	Hose-Fuel
6	95-8968-03	1	Support-Tank, Fuel	35	110-4100	1	Hose-Fuel
9	46-6550	1	Fitting-Elbow, 90 DEG	37	110-4109	1	Hose-Fuel
10	110-9689	1	Pipe-Stand	38	110-4113	1	Hose-Fuel
12	304-73	1	Fitting-Straight	39	2412-73	1	Clamp-R
13	321-14	1	Screw-HH	40	110-8806	1	Pump-Fuel
14	32128-33	1	Nut-HF	41	110-8817	1	Bracket-Pump, Fuel
16	3256-22	1	Washer-Flat	44	105-4094	1	Hose-Formed
17	354-20	1	Fitting-Tee	45	2412-129	2	Clamp-Hose
18	354-21	1	Fitting-Barbed	46	110-8754	1	Trim
19	354-22	1	Fitting-Barbed	47	2412-80	2	Clamp-Hose
20	46-6560	2	Bushing	48	322-8	1	Screw-HH
21	77-3180	1	Spacer	49	3256-23	2	Washer-Plain
22	92-2379	9	Clamp-Hose	50	56-7971	2	Clamp-Tube
24	110-9044	1	Separator-Filter	51	3296-29	1	Nut-Lock, NI
24:1	110-9049	1	Filter-Spin On, Fuel/Water	52	1-543296	1	Grommet



## Manifold Block Installation Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	2412-36	1	Clamp-Hose
3	100-4887	1	Fitting-Elbow, 90
3:1	237-42	1	O-Ring
4	104-0430	2	Stud
5	340-2	4	Fitting-Straight
5:1	237-22	1	O-Ring
5:2	237-42	1	O-Ring
6	340-7	3	Fitting-Straight
6:1	237-65	1	O-Ring
6:2	237-80	1	O-Ring
7	340-77	1	Fitting-Elbow, 90 DEG
7:1	237-22	1	O-Ring
7:2	237-42	1	O-Ring

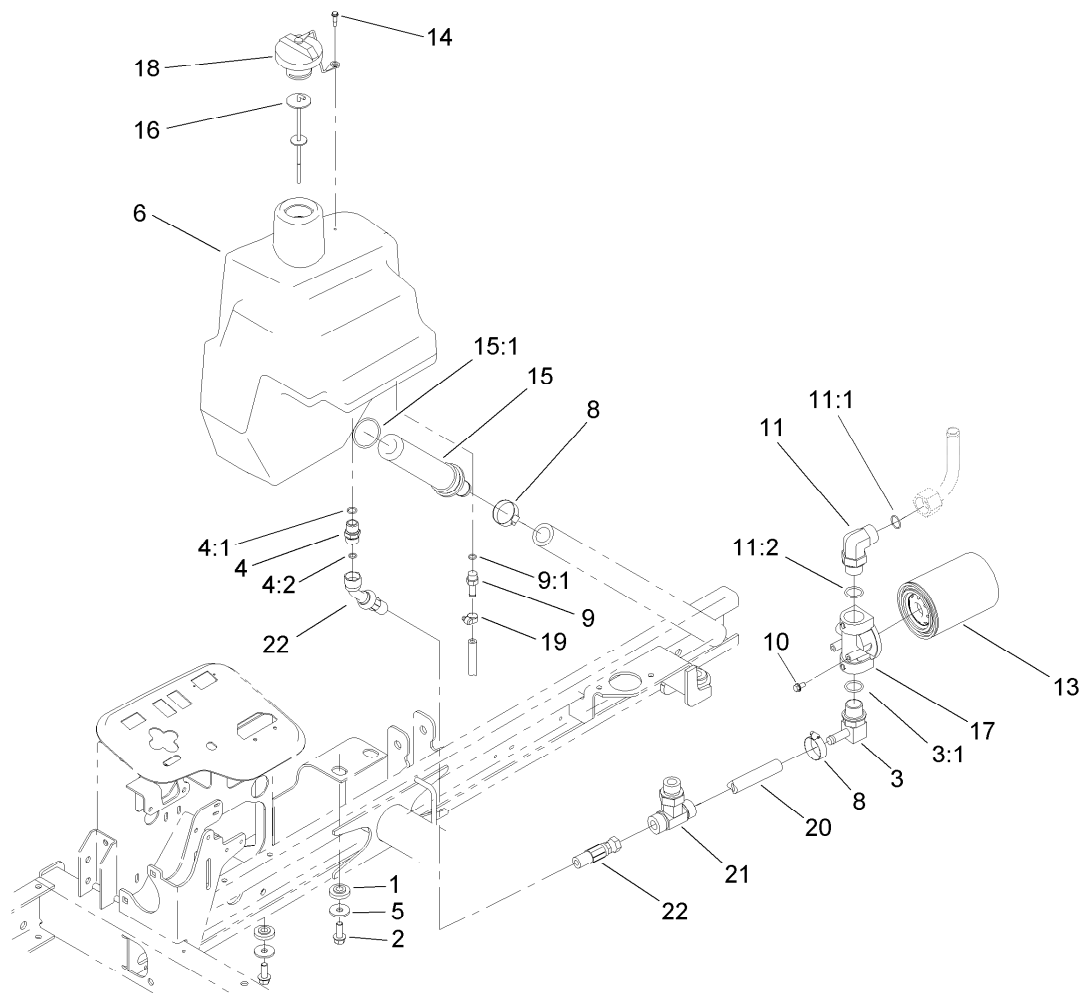
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
9	340-92	1	Fitting-Straight
9:1	237-78	1	O-Ring
9:2	237-21	1	O-Ring
10	340-66	1	Fitting-Straight
10:1	237-80	1	O-Ring
10:2	237-58	1	O-Ring
11	115-3486	1	Manifold Block ASM
12	104-0488	1	Hose-HYD
13	92-7595	1	Hose-HYD
17	108-9005	1	Tube ASM
18	80-7342	1	Hose-HYD
20	32128-20	2	Nut-HF



## Manifold Block Assembly No. 115-3486

Ref.	Part Number	Qty.	Description
3	106-1026	2	Plug-HYD
3:1	237-42	1	O-Ring
4	117-0115	1	Plug
4:1	237-78	1	O-Ring
5	110-8768	1	Valve-Relief, Solenoid (3000 PSI)
5:1	110-6316	1	Seal Kit ●
5:2	130-8180	1	Nut-Coil
6	117-5110	1	Valve-Counterbalance
6:1	117-5111	1	Seal Kit
7	119-2011	1	Valve-Logic, Adjustable
7:1	119-2159	1	Seal Kit
8	110-6344	1	Coil-12V, DC

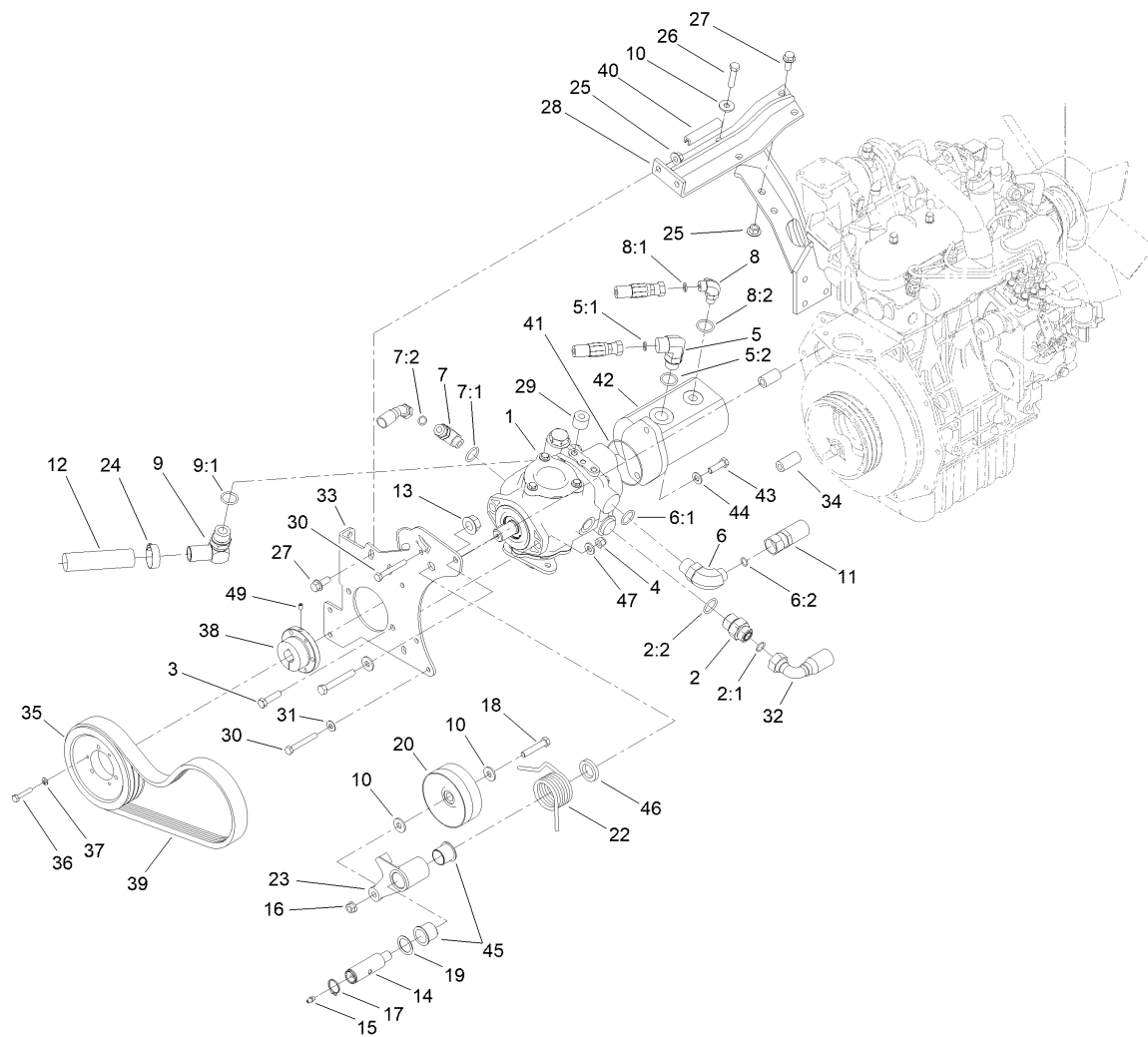
● Not illustrated



## Hydraulic Tank Assembly

Ref.	Part Number	Qty.	Description
1	240-11	4	Bushing-Flange
2	3234-11	4	Screw-HHF
3	353-987	1	Fitting-Elbow, 90
3:1	237-81	1	O-Ring
4	100-4890	1	Fitting-Check
4:1	237-79	1	O-Ring
4:2	237-30	1	O-Ring
5	63-8410	4	Washer
6	104-4840	1	Tank-HYD
8	2412-34	2	Clamp-Hose
9	353-979	1	Fitting-STR
9:1	237-42	1	O-Ring
10	3234-13	2	Screw-HHF
11	340-142	1	Fitting-Elbow, 90 DEG

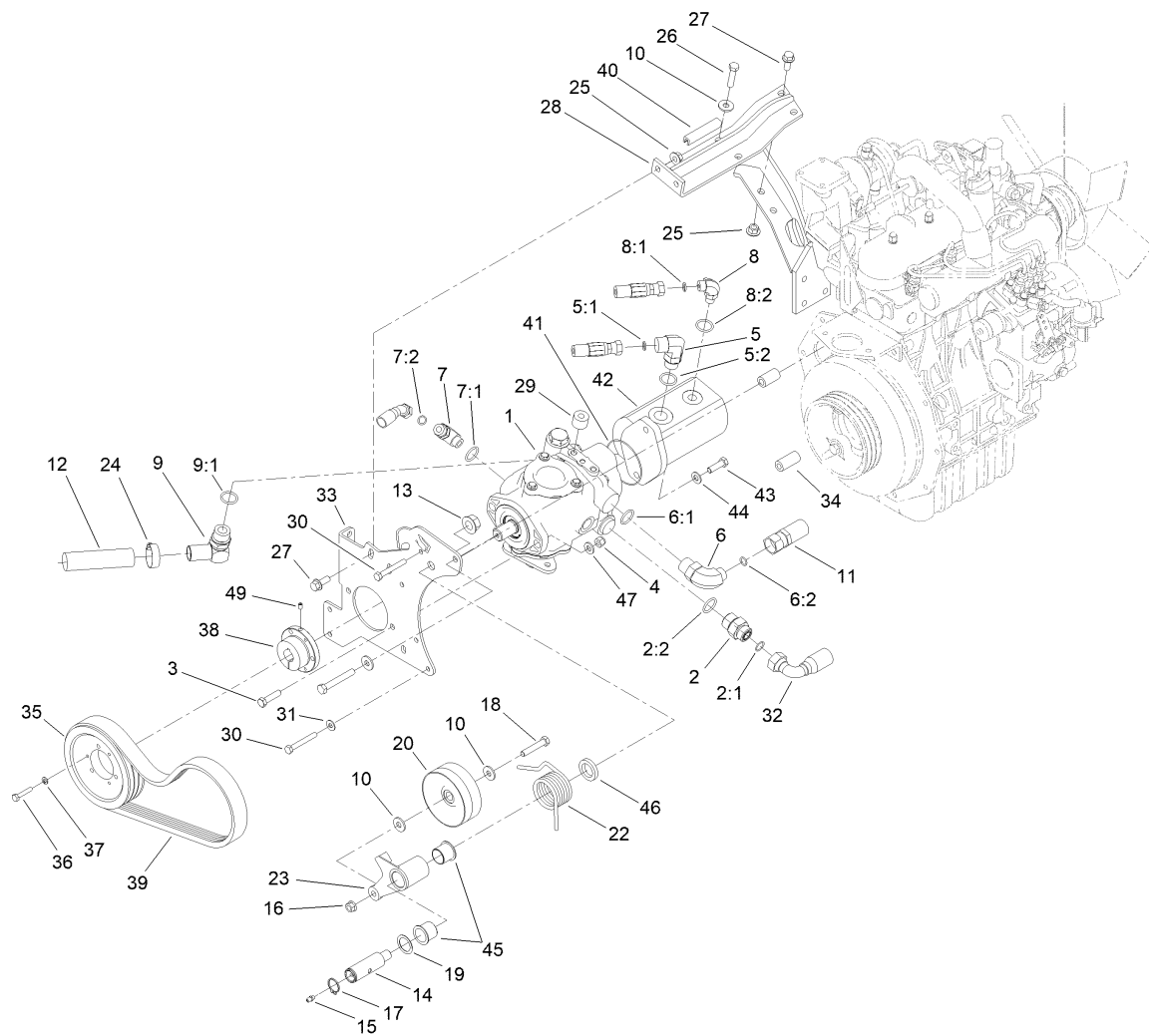
Ref.	Part Number	Qty.	Description
11:1	237-58	1	O-Ring
11:2	237-81	1	O-Ring
13	86-3010	1	Filter-Oil
14	57-5420	1	Screw-Shoulder
15	104-7546	1	Tank Strainer ASM
15:1	340-136	1	O-Ring
16	75-3710	1	Dipstick
17	92-5821	1	Head-Filter
18	93-7160	1	Cap-Oil, HYD
19	2412-36	1	Clamp-Hose
20	104-0486	1	Hose-HYD
21	104-4836	1	Fitting-Tee
22	104-0487	1	Hose-HYD



## Hydrostat Assembly

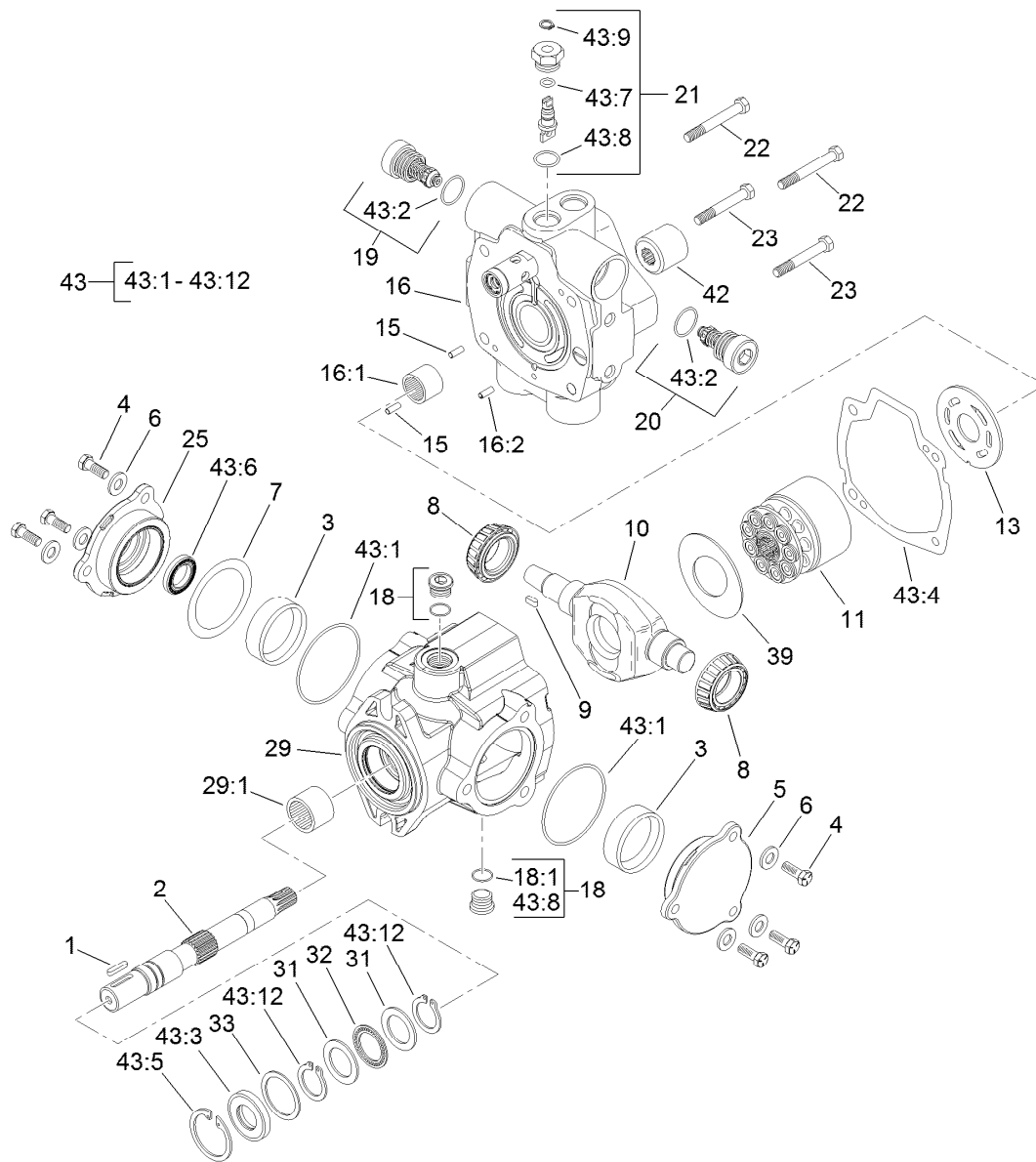
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	104-4890	1	Piston Pump ASM	11	108-9008	1	Hose ASM
2	340-8	1	Fitting-Straight	12	104-5486	1	Hose
2:1	237-65	1	O-Ring	13	32128-54	1	Nut-HF
2:2	237-81	1	O-Ring	14	99-3624	1	Shaft-Pivot, Idler
3	323-8	2	Screw-HH	15	302-5	1	Fitting-Grease
4	3296-39	2	Nut-Lock, NI	16	32128-21	1	Nut-HF Lock
5	340-17	1	Fitting-Elbow, 90 DEG	17	32151-36	1	Ring-Retaining
5:1	237-65	1	O-Ring	18	323-10	1	Screw-HH
5:2	237-80	1	O-Ring	19	74-1810	1	Washer
6	340-139	1	Fitting-Elbow 90	20	107-7834	1	Pulley-Idler
6:1	237-81	1	O-Ring	22	115-3488	1	Spring-Torsion
6:2	237-65	1	O-Ring	23	99-3623-03	1	Arm-Idler
7	340-18	1	Fitting-HYD, 90 DEG	24	2412-34	1	Clamp-Hose
7:1	237-79	1	O-Ring	25	32128-43	4	Nut-Flange
7:2	237-22	1	O-Ring	26	323-19	2	Screw-HH
8	340-77	1	Fitting-Elbow, 90 DEG	27	3234-11	4	Screw-HHF
8:1	237-22	1	O-Ring	28	99-3436-03	1	Support-Pump
8:2	237-42	1	O-Ring	29	99-3440	2	Spacer
9	95-3502	1	Fitting-Elbow 90	30	33114-060	4	Screw-HH
9:1	237-81	1	O-Ring	31	87-8640	3	Washer-Flat
10	80-6990	3	Washer-Hardened	32	105-1214	1	Hose-HYD





## Hydrostat Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
33	120-3375-03	1	Plate-Mount, Pump	41	353-949	1	O-Ring
34	95-8941	4	Spacer-Mount, Pump	42	108-9036	1	HYD Gear Pump ASM
35	120-3350	1	Pulley-3V	43	323-7	2	Screw-HH
36	321-13	3	Screw-HH	44	3256-24	2	Washer-Flat
37	3253-3	3	Washer-Lock	45	99-3631	2	Bushing-Flange
38	100-4813	1	Bushing-Lock, Taper	46	99-3625	1	Spacer-Arm, Idler
39	120-3351	1	Belt-3V	47	100-4852	2	Washer-Hardened
40	70-2041	1	Trim	49	3245-7	1	Screw-Set

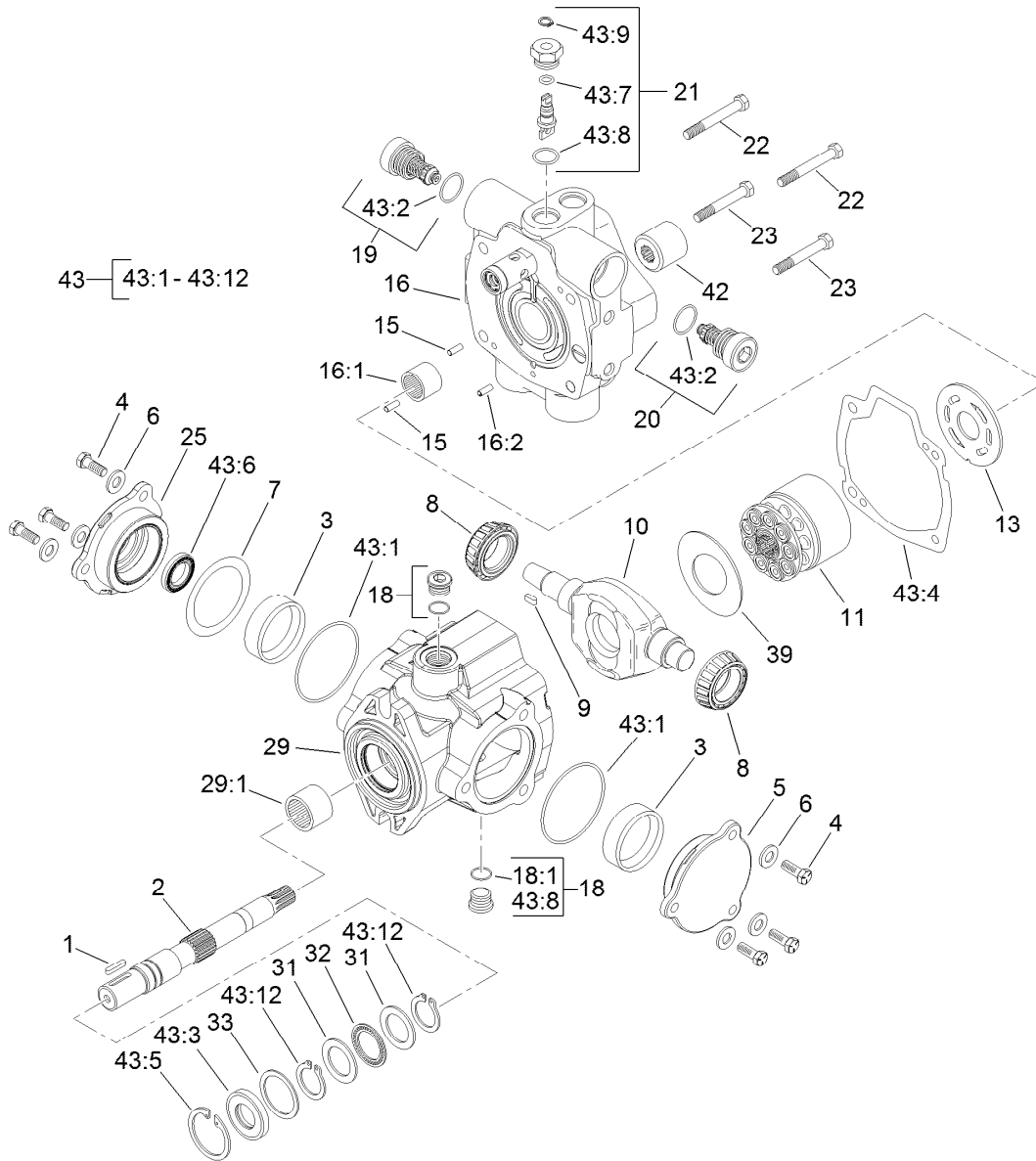


## Hydraulic Pump Assembly No. 104-4890

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	94-3645	1	Key	19	104-4889	1	Relief Valve ASM
2	94-6359	1	Shaft-Drive	20	105-3812	1	Valve-Check
3	104-4046	2	Bearing-Cup	21	105-3811	1	Valve-Bypass
4	98-4640	6	Screw-Cap	22	76-6170	2	Capscrew
5	98-4644	1	Plate-Cover	23	76-6160	2	Capscrew
6	105-9762	6	Washer	25	98-4645	1	Plate-Cover
7	100-3182	2	Shim Kit	29	100-3176	1	Housing ASM
8	98-4639	2	Bearing-Cone	29:1	94-6363	1	Bearing
9	94-3646	1	Key	31	252-71	2	Washer-Thrust
10	104-4888	1	Swashplate	32	252-66	1	Bearing-Thrust
11	76-6070	1	Rotating Kit	33	33-3720	1	Washer
13	104-0429	1	Plate-Valve	39	98-4635	1	Insert-Plate, Cam
15	76-6150	2	Pin-Dowel	42	74-9040	1	Coupler
16	105-3813	1	Endcover Sub ASM	43	120-5754	1	Seal Kit
16:1	94-6368	1	Bearing	43:1		2	Ring-Retaining ■
16:2		1	Pin-Roll ■	43:2		2	Ring-Retaining ■
18	74-9280	2	Plug ASM	43:3		1	Seal-Shaft ■
18:1		1	Ring-Retaining ■	43:4		1	Gasket ■

● Not illustrated

■ Not serviced separately



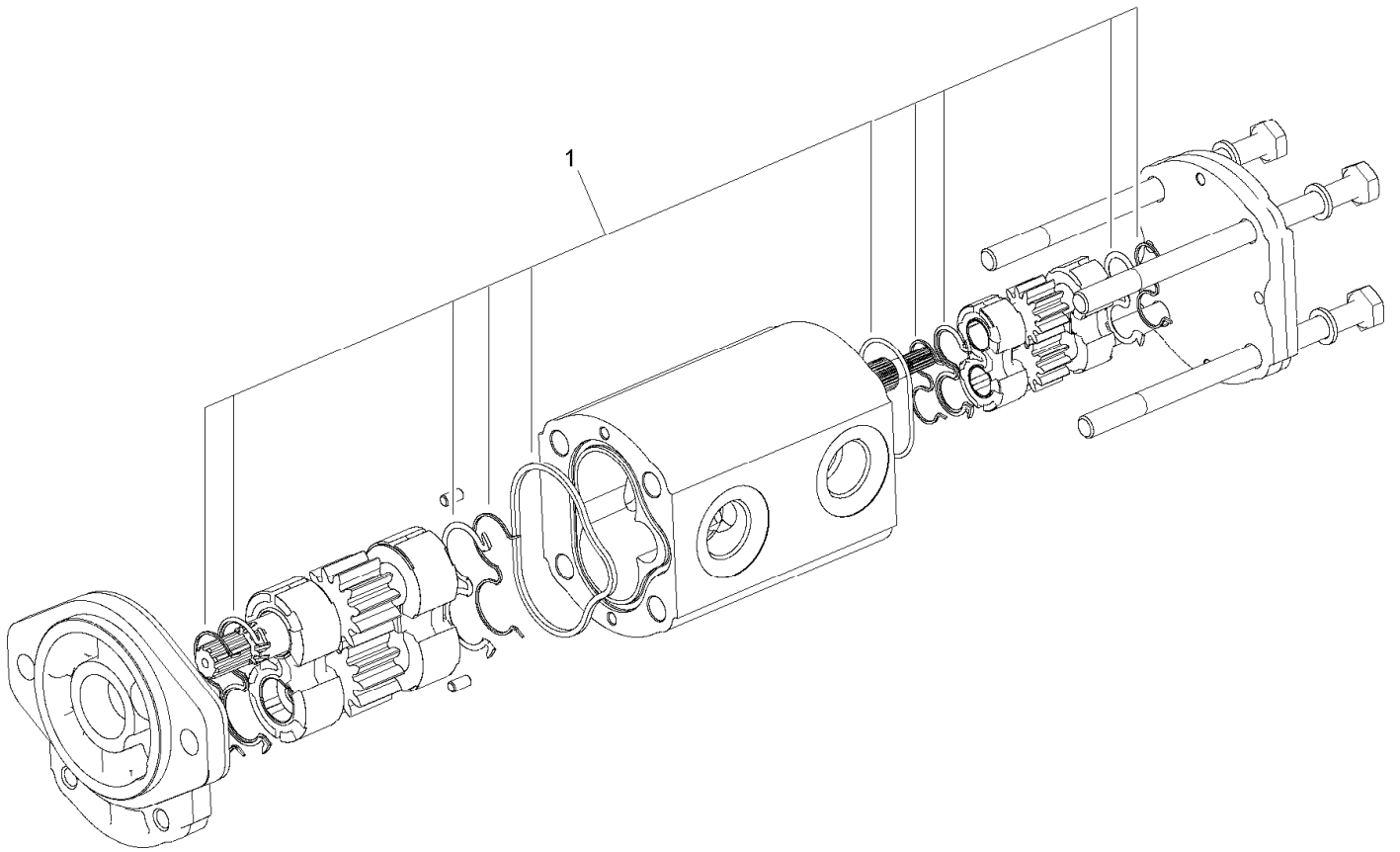
## Hydraulic Pump Assembly No. 104-4890 (continued)

Ref.	Part Number	Qty.	Description
43:5		1	Ring-Retaining ■
43:6		1	Seal-Shaft ■
43:7		1	Ring-Retaining ■
43:8		5	Ring-Retaining ■
43:9		1	Ring-Retaining ■
43:10		1	O-Ring (Not Used For This Configuration) ■●

Ref.	Part Number	Qty.	Description
43:11		1	O Ring-Molded (Not Used For This Configuration) ■●
43:12		2	Ring-Retaining ■
43:13		1	O-Ring (Not Used For This Configuration) ■●

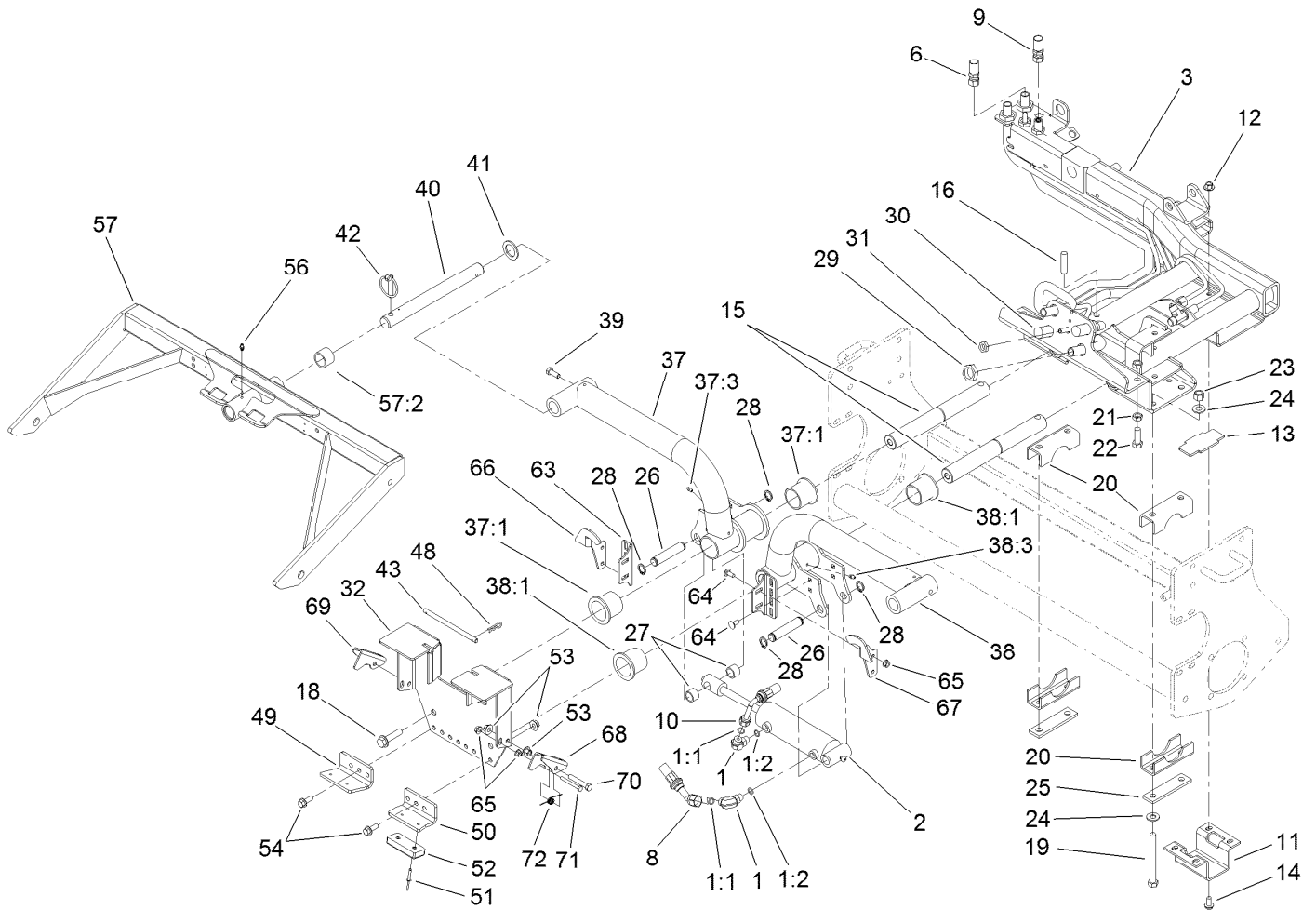
● Not illustrated

■ Not serviced separately



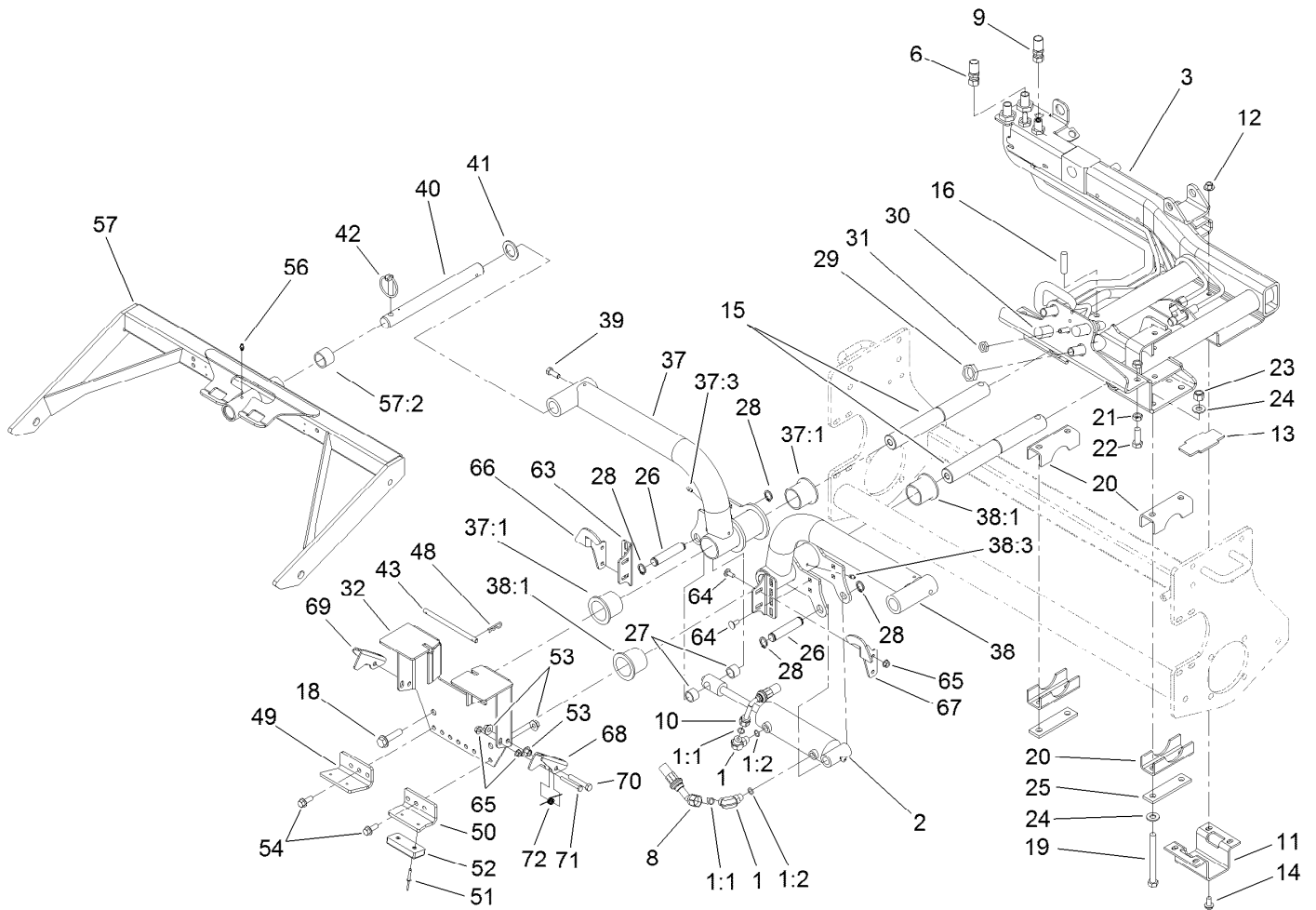
## Hydraulic Gear Pump Assembly No. 108-9036

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	110-8755	1	Seal Kit



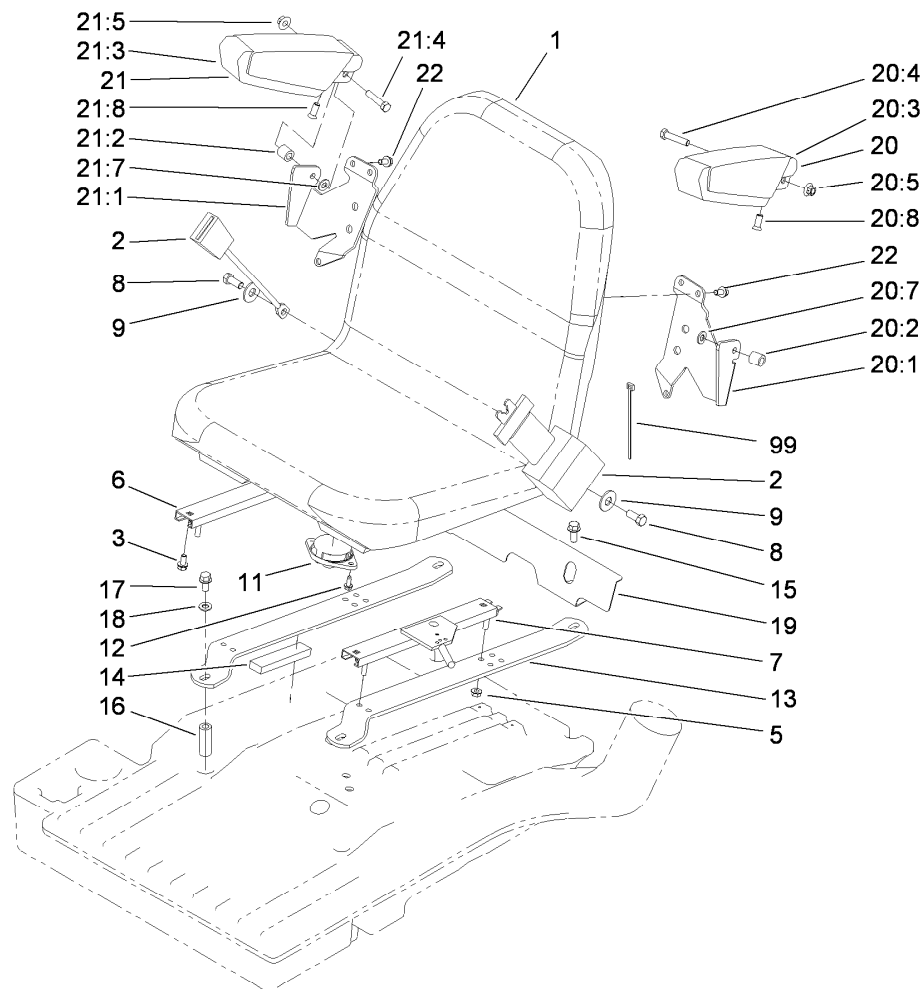
## Carrier Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	340-77	2	Fitting-Elbow, 90 DEG	24	87-7270	8	Washer-Thrust
1:1	237-22	1	O-Ring	25	99-3373	2	Bar-Support, Slide
1:2	237-42	1	O-Ring	26	95-8575	2	Pin-Clevis
2	112-9916	1	HYD Cylinder ASM	27	75-9590	2	Spacer-Cylinder
3	100-4939-03	1	Carrier-Sidewinder	28	32120-93	4	Ring-Retaining
6	99-3575	1	Hose-HYD	29	340-74	4	Nut-Lock, Bulkhead
8	104-0405	1	Hose-HYD	30	99-3640	1	Tube ASM
9	108-9013	1	Hose ASM	31	340-78	1	Nut-Lock
10	104-0406	1	Hose-HYD	32	104-4820-03	1	Bracket-Stop, Carrier
11	95-8904-03	1	Bracket-Clamp	37	115-3466	1	RH Short Liftarm ASM
12	32128-43	4	Nut-Flange	37:1	69-6470	2	Bushing-Caster
13	95-8538	1	Slide-Plastic	37:3	302-5	1	Fitting-Grease
14	3234-11	4	Screw-HHF	38	115-3465	1	LH Short Liftarm ASM
15	95-8531	2	Shaft-Pivot, Liftarm	38:1	69-6470	2	Bushing-Caster
16	32121-122	2	Pin-Roll	38:3	302-5	1	Fitting-Grease
18	3234-27	2	Screw-HHF	39	323-6	2	Screw-HH
19	325-19	4	Screw-HH	40	95-8979	2	Shaft
20	95-8884	4	Clamp	41	3-6781	2	Washer-Thrust
21	3218-5	4	Nut-Jam	42	283-71	2	Pin-Lynch
22	325-6	2	Screw-HH	43	104-0472	1	Rod
23	3296-23	4	Nut-Lock, NI	48	3290-467	2	Pin-Hair



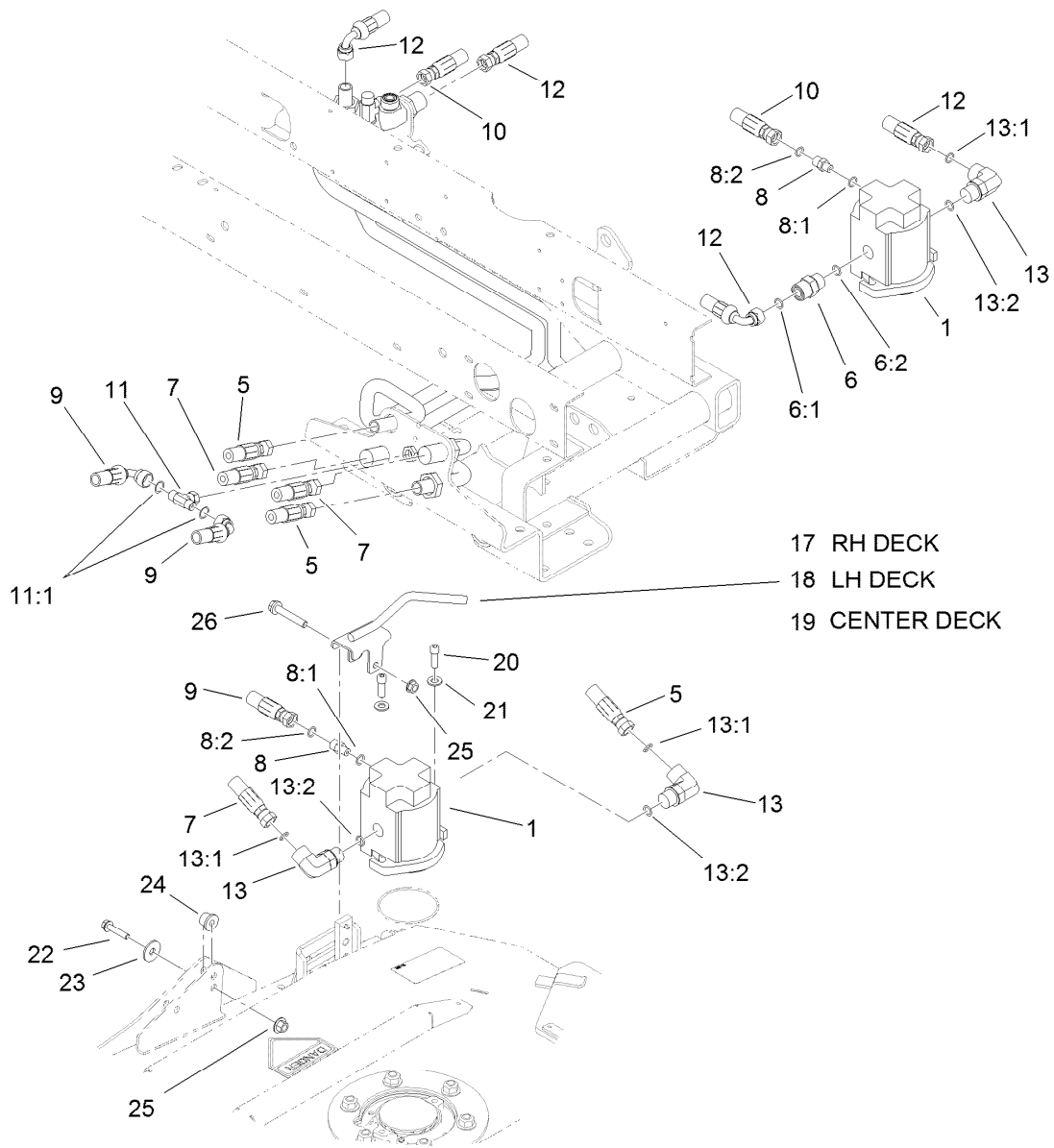
## Carrier Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
49	110-8793-03	1	Stop-Deck, RH	64	3230-23	8	Bolt-CARR
50	110-8794-03	1	Stop-Deck, LH	65	32128-44	12	Nut
51	3269-11	4	Rivet-Pop	66	104-4826-03	1	Actuator-RH
52	86-5350	2	Bumper-Rubber	67	104-4827-03	1	Actuator-LH
53	32128-43	4	Nut-Flange	68	104-4819-03	1	Bracket-Pivot, LH
54	3234-11	4	Screw-HHF	69	104-4825-03	1	Bracket-Pivot, RH
56	302-5	2	Fitting-Grease	70	323-11	2	Screw-HH
57	110-8787	2	Front Carrier Frame ASM	71	322-11	2	Screw-HH
57:2	108-4000	2	Bushing	72	104-4821	2	Spring-Torsion
63	104-4828-03	2	Bracket-Actuator				



## Seat Mounting Assembly

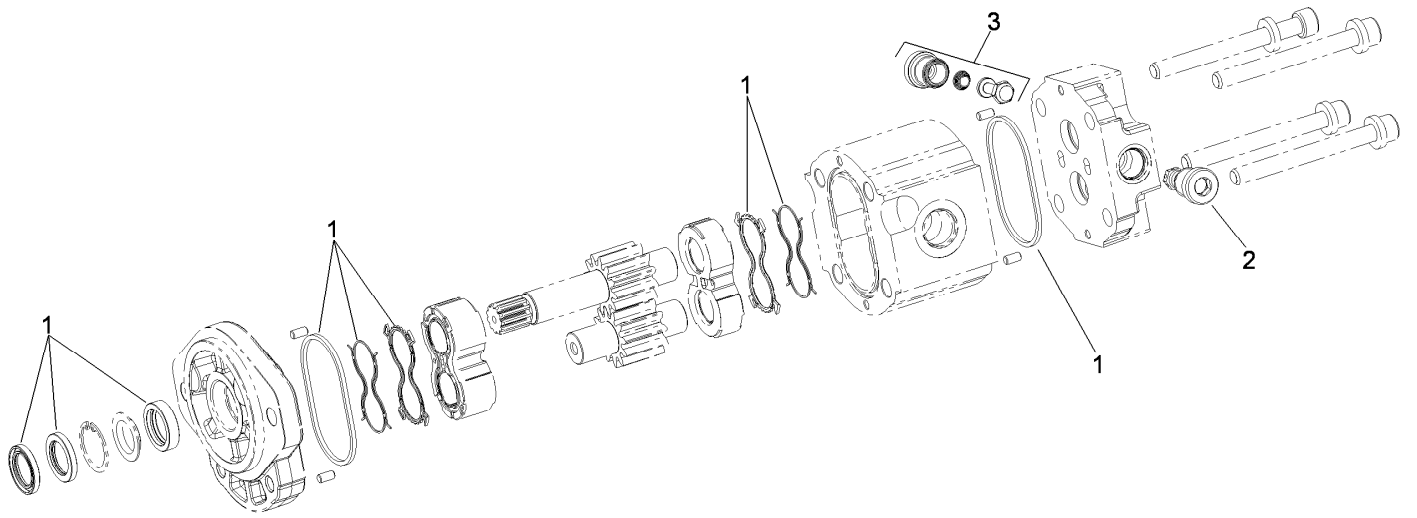
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	104-4620	1	Seat	20:1	69-0760	1	Bracket-Arm, LH
2	100-4928	1	Belt-Seat	20:2	92-7301	1	Spacer
3	3234-14	4	Screw-HHF	20:3	69-1180	1	Armrest
5	104-8300	4	Nut-HF, NI	20:4	323-9	1	Screw-HH
6	92-8990	1	Adjuster-Seat, Non-Locking	20:5	32128-19	1	Nut-HF Lock, Large Flg
7	92-8991	1	Adjuster (W/Latch)	20:7	3256-24	1	Washer-Flat
8	3212-4	2	Screw-HH	20:8	92-7318	1	Screw
9	3253-6	2	Washer-Lock	21	92-7306	1	RH Armrest ASM
11	92-6282	1	Switch-Seat	21:1	69-0770	1	Bracket-Arm, RH
12	32144-10	2	Screw-HWH	21:2	92-7301	1	Spacer
13	104-0467-03	2	Strap-Support, Seat	21:3	69-1180	1	Armrest
14	95-8896	2	Foam	21:4	323-9	1	Screw-HH
15	3234-11	2	Screw-HHF	21:5	32128-19	1	Nut-HF Lock, Large Flg
16	104-0466	2	Spacer	21:7	3256-24	1	Washer-Flat
17	323-14	2	Screw-HH	21:8	92-7318	1	Screw
18	3256-24	2	Washer-Flat	22	3234-14	6	Screw-HHF
19	104-4833-03	1	Shield-Heat	99	3290-378	1	Tie-Cable
20	92-7307	1	LH Armrest ASM				



## Rotary Motor Assembly

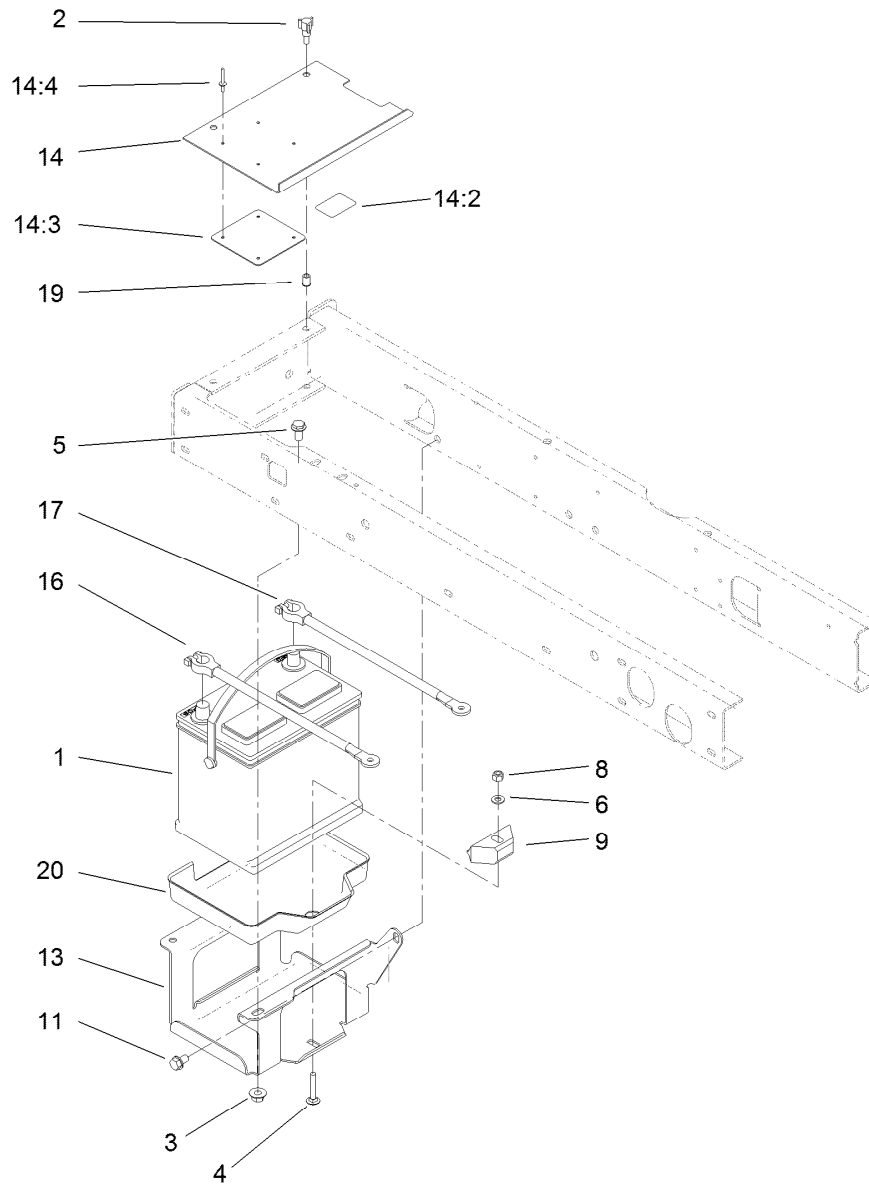
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	117-5141	3	HYD Motor ASM	13	340-17	5	Fitting-Elbow, 90 DEG
5	105-1216	2	Hose-HYD	13:1	237-65	1	O-Ring
6	340-7	1	Fitting-Straight	13:2	237-80	1	O-Ring
6:1	237-65	1	O-Ring	17	112-9901-03	1	Guard-Foot, RH
6:2	237-80	1	O-Ring	18	112-9902-03	1	Guard-Foot, LH
7	105-1215	2	Hose-HYD	19	112-9900-03	1	Guard-Foot
8	340-92	3	Fitting-Straight	20	3274-7	6	Screw-HSH
8:1	237-78	1	O-Ring	21	3256-24	6	Washer-Flat
8:2	237-21	1	O-Ring	22	323-52	6	Screw-HH
9	104-1080	2	Hose-HYD	23	93-8806	6	Washer-Hardened
10	100-4876	1	Hose-HYD	24	95-8803	6	Bushing-Flange
11	99-3477	1	Fitting-Tee	25	104-8301	10	Nut-HF, NI
11:1	237-42	2	O-Ring	26	323-11	4	Screw-HH
12	100-4880	2	Hose-HYD				





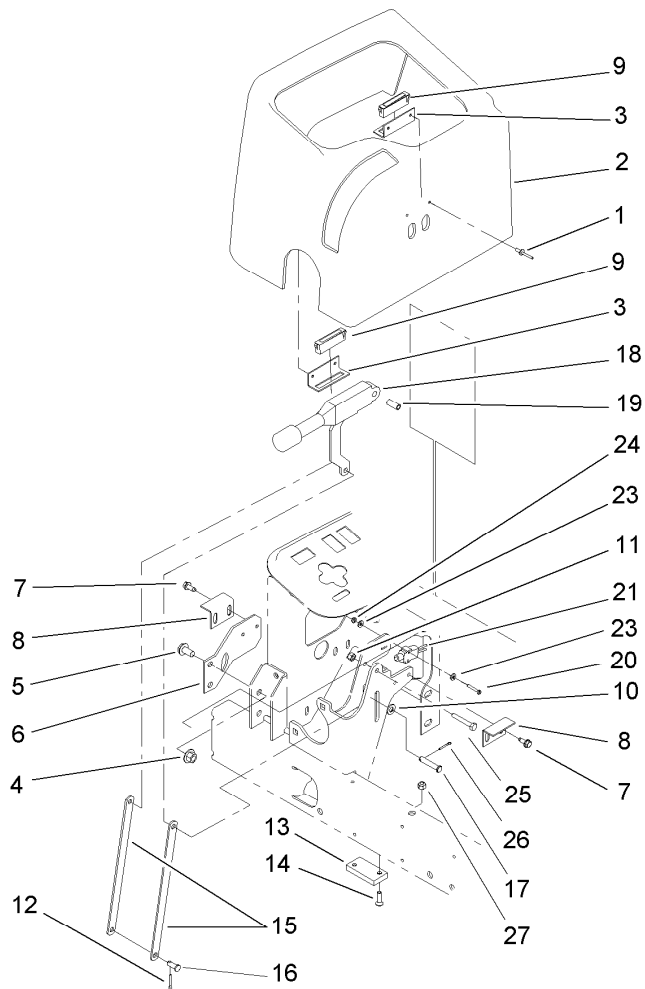
## Gear Motor Assembly No. 117-5141

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	117-0235	1	Seal Kit
2	107-7820	1	Valve-Relief
3	107-7821	1	Valve-Anticavitation



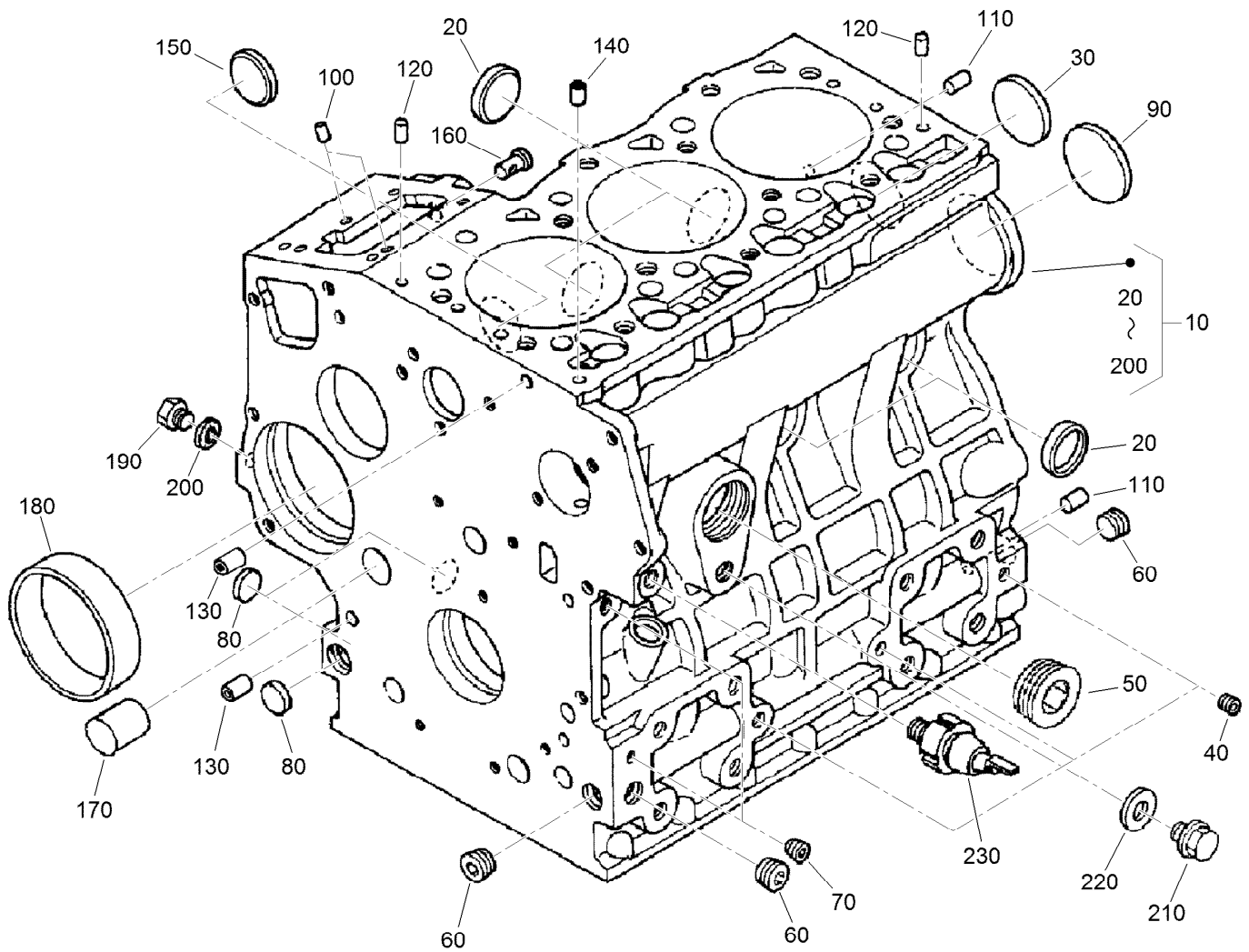
## Battery Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	104-9979	1	Battery	13	95-8796-03	1	Support-Battery
2	233-70	2	Knob-Star, Three	14	99-3602	1	Battery Cover ASM
3	32128-43	3	Nut-Flange	14:2	93-7276	1	Decal-Danger
4	3230-6	1	Bolt-CARR	14:3	87-7620	1	Shield-Terminal, Battery
5	3234-1	3	Screw-HHF	14:4	3269-27	4	Rivet-Snap
6	3256-23	1	Washer-Plain	16	95-8853	1	Cable-Battery, Positive
8	3296-29	1	Nut-Lock, NI	17	95-8854	1	Cable-Battery, Negative
9	66-2490	1	Retainer-Battery	19	32148-6	2	Nut-Clinch
11	32144-15	1	Screw-HHFTF	20	99-3513	1	Tray-Battery



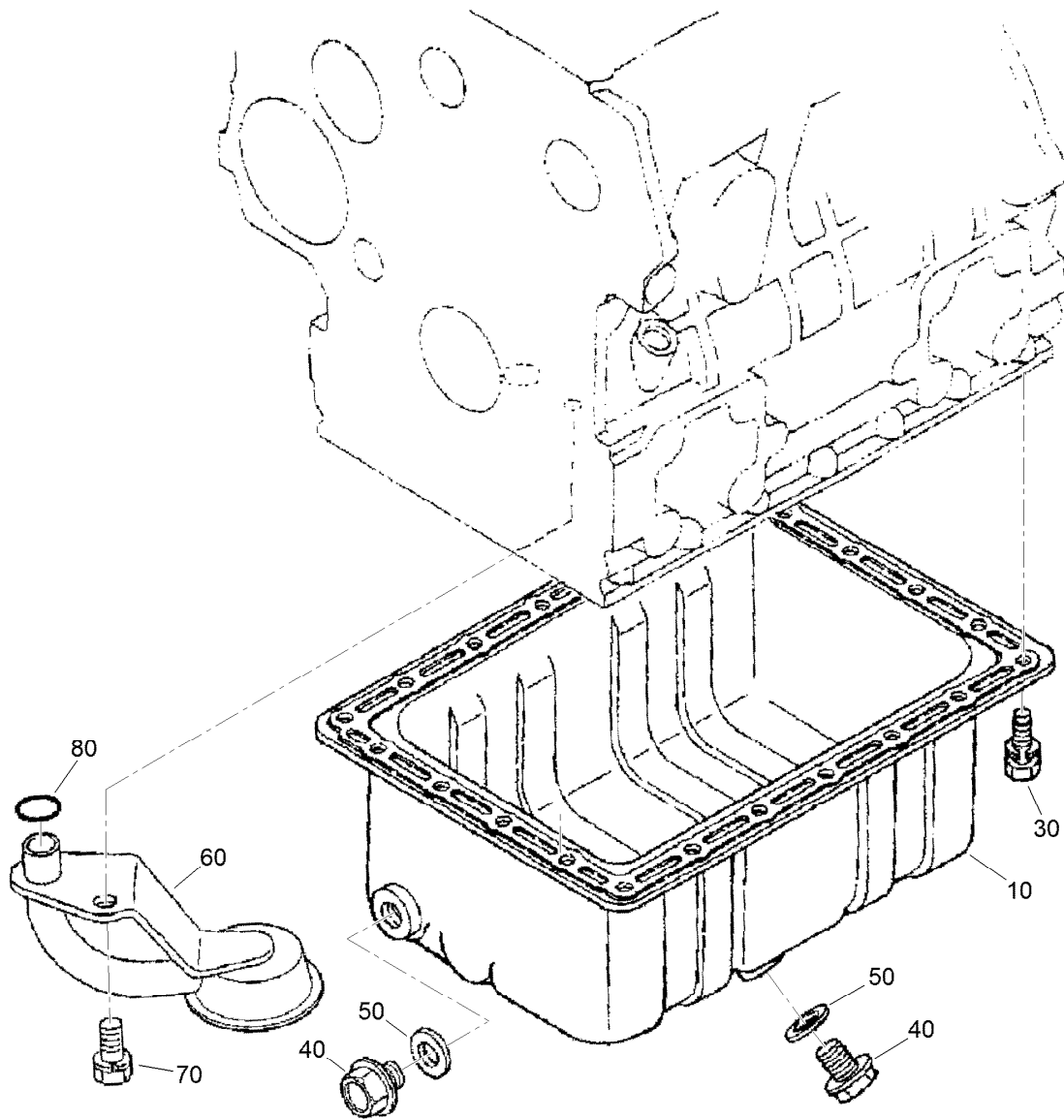
## Parking Brake Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	3269-5	4	Rivet-Pop	14	3289-4	2	Screw-FH
2	95-8707	1	Cover-Dash	15	104-4628-03	2	Link-Brake, Parking
3	95-8763	2	Bracket-Hold Down, Cover	16	283-62	1	Pin-Clevis
4	32128-43	2	Nut-Flange	17	94-3829	1	Pin-Clevis
5	3234-1	2	Screw-HHF	18	104-4817	1	Lever-Brake
6	95-8764-03	1	Support-Magnet	19	87-4710	1	Spacer-Brake, Parking
7	32144-10	4	Screw-HWH	20	32105-9	2	Screw
8	95-8765	2	Bracket-Strike, Magnet	21	95-8900	1	Switch
9	58-4250	2	Catch-Magnetic	23	3256-21	4	Washer-Flat
10	3256-23	3	Washer-Plain	24	3296-9	2	Nut-Hex
11	3296-42	1	Nut-Lock, NI	25	321-10	1	Screw-HH
12	3272-10	1	Pin-Cotter	26	3272-6	1	Pin-Cotter
13	95-8684	1	Pad-Bumper	27	32128-32	2	Nut-HHF



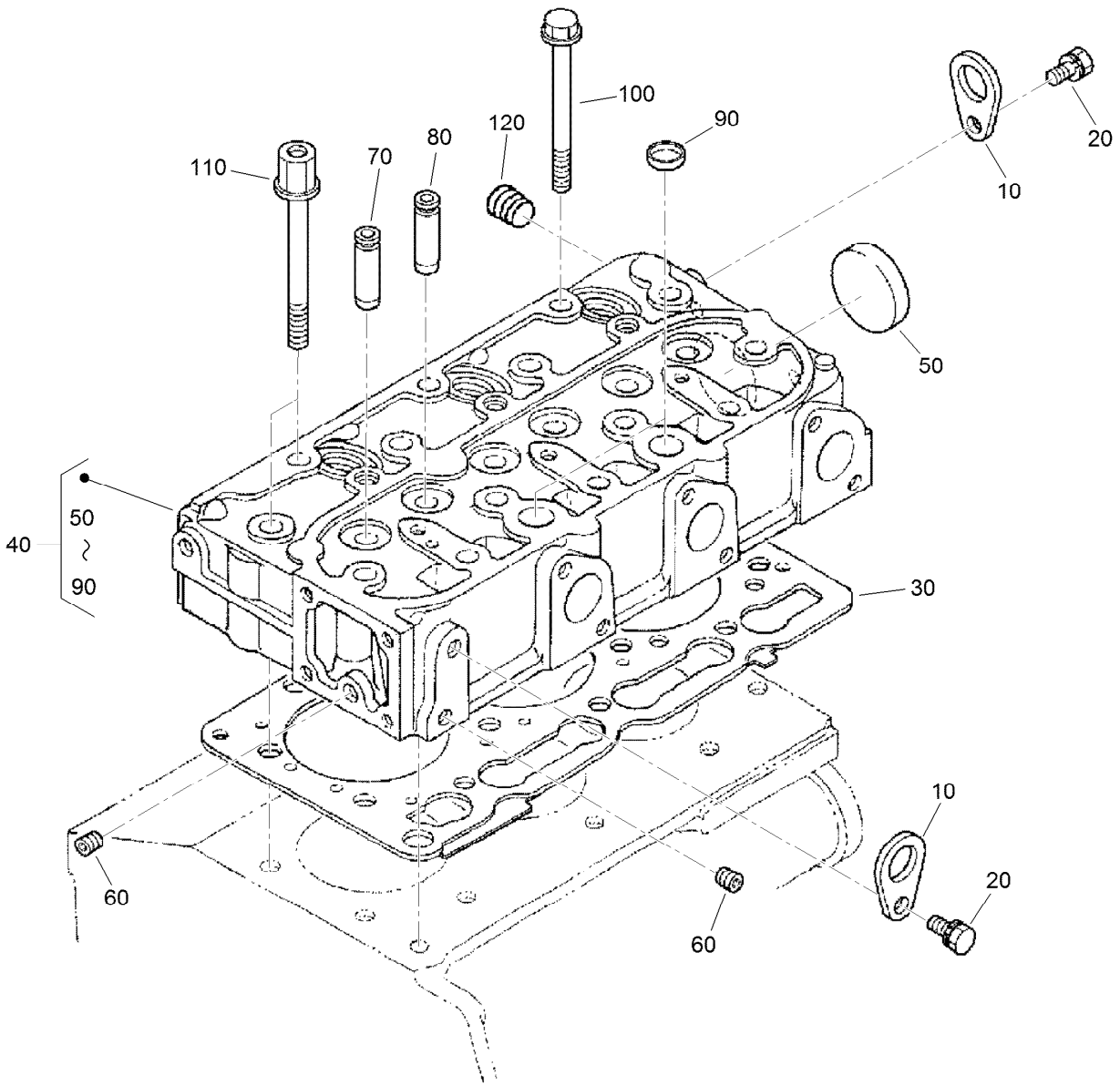
## Crankcase Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	115-3443	1	Crankcase ASM	130	98-9387	2	Pin-Pipe
20	98-9398	4	Cap-Sealing	140	98-9539	1	Pin-Pipe
30	98-7539	1	Cap-Sealing	150	98-9599	1	Plug
40	98-7540	3	Plug	160	98-9630	1	Pin-Spring, Start
50	105-3779	1	Plug	170	98-9675	1	Plug
60	98-9597	3	Plug	180	98-9656	1	Bushing-Governor, Gear
70	98-7487	2	Plug	190	120-2559	1	Plug
80	98-9379	3	Plug-Expansion	200	98-7428	1	Gasket
90	98-9668	1	Plug-Expansion	210	99-3447	1	Plug
100	98-9375	2	Pin-Straight	220	106-7056	1	Gasket
110	98-9377	2	Pin-Straight	230	98-9416	1	Switch-Oil
120	98-9376	2	Pin-Straight				



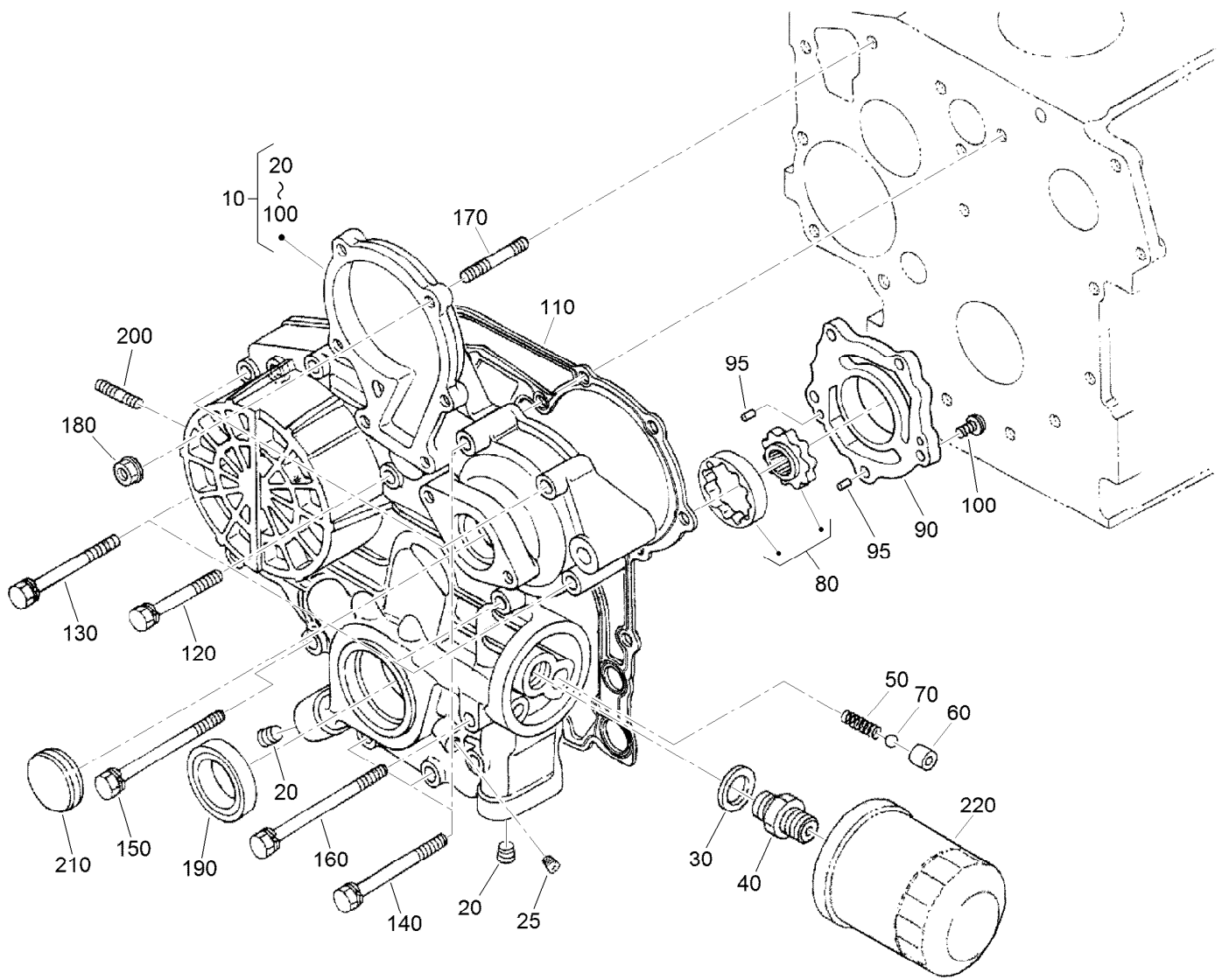
## Oil Pan Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9685	1	Pan-Oil
30	98-9351	22	Bolt
40	114-8151	2	Plug-Drain
50	98-7524	2	Gasket
60	112-7044	1	Head-Filter
70	98-7526	1	Bolt
80	105-3776	1	O-Ring



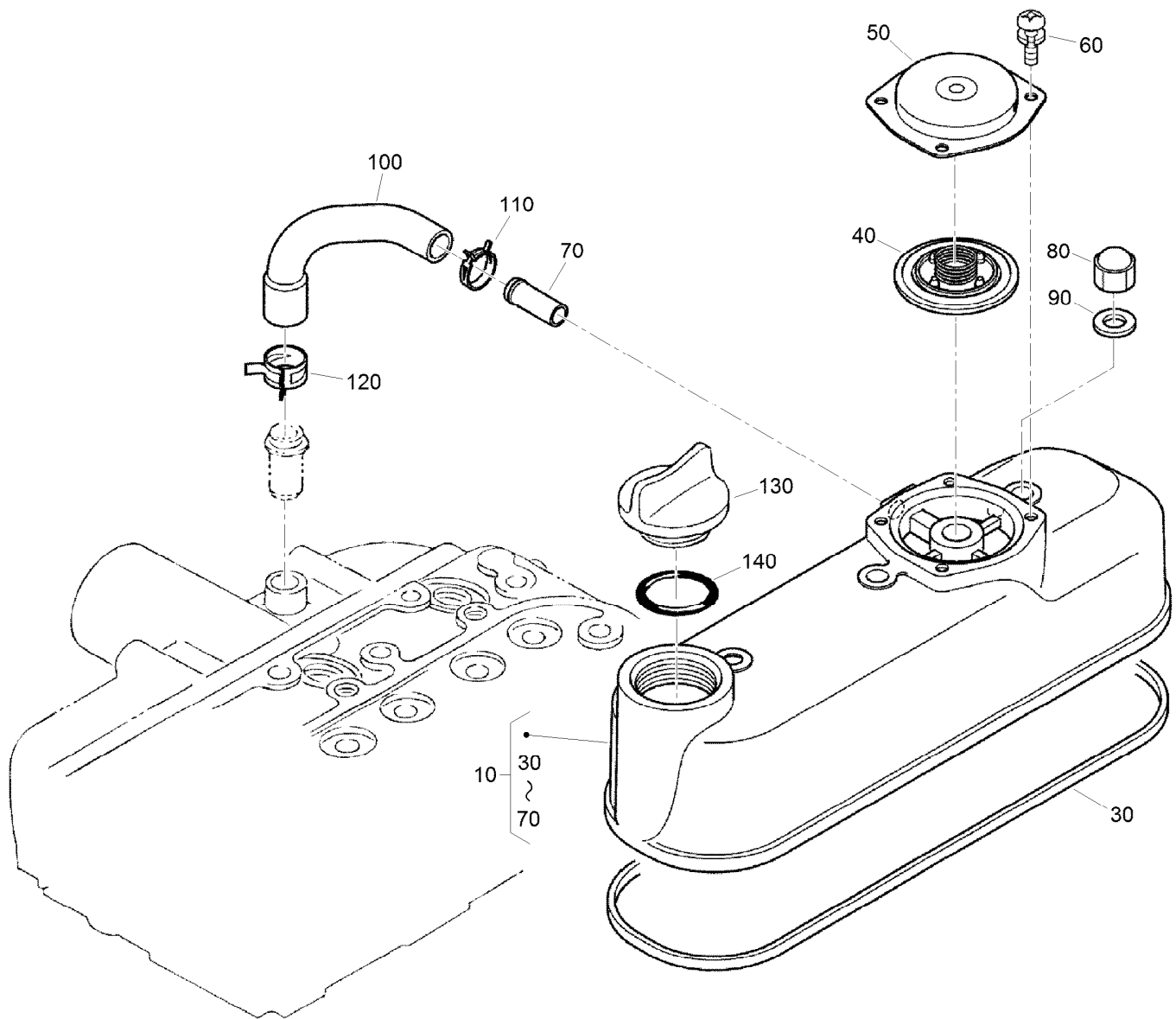
## Cylinder Head Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-7531	2	Hook-Engine
20	100-9195	2	Bolt
30	108-6573	1	Gasket-Head, Cylinder
40	115-3445	1	Cylinder Head ASM
50	105-3705	1	Cap-Sealing
60	98-7540	2	Plug
70	107-9066	3	Guide-Valve, Inlet
80	107-9067	3	Guide-Valve, Exhaust
90	98-9389	2	Cap-Sealing
100	98-9479	12	Bolt-Head, Cylinder
110	98-9647	2	Bolt-Head, Cylinder
120	98-9444	1	Plug



## Gear Case and Oil Filter Cartridge Assembly

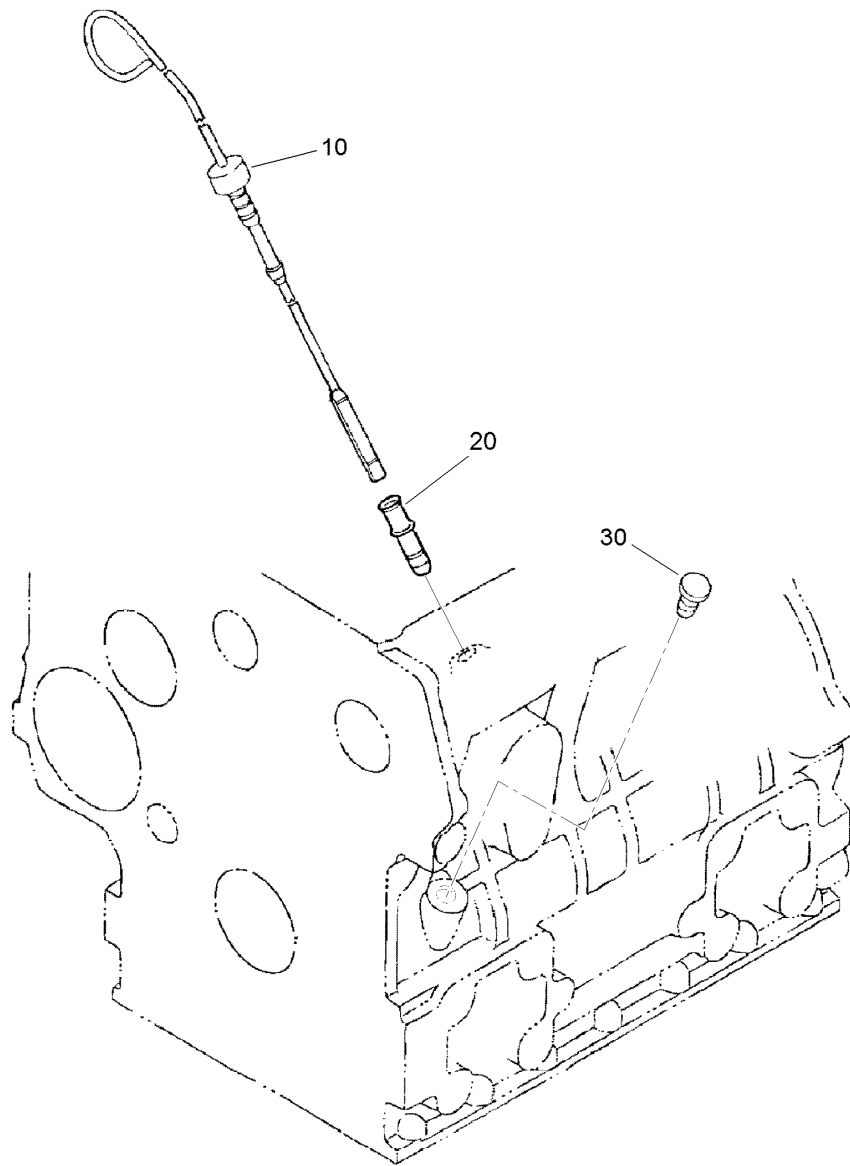
Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
10	115-4105	1	Gear Case ASM	110	98-9633	1	Gasket-Case, Gear
20	98-9598	2	Plug	120	107-9073	3	Bolt
25	98-7487	1	Plug	130	105-3797	4	Bolt
30	98-7562	1	Washer-Plain	140	98-9356	4	Bolt
40	98-9388	1	Joint-Pipe	150	107-9074	1	Bolt
50	98-9544	1	Spring	160	98-9586	1	Bolt
60	98-9543	1	Seat-Valve	170	105-3709	1	Stud
70	98-9380	1	Ball	180	100-2203	1	Nut-Flange
80	98-9540	1	Oil Pump Rotor ASM	190	119-8038	1	Seal-Oil
90	107-9069	1	Cover-Pump, Oil	200	105-3710	2	Stud
95	107-9072	2	Pin-Straight	210	98-9641	1	Cover-Case, Gear
100	107-9071	5	Screw	220	108-3841	1	Filter-Oil



## Cylinder Head Cover Assembly

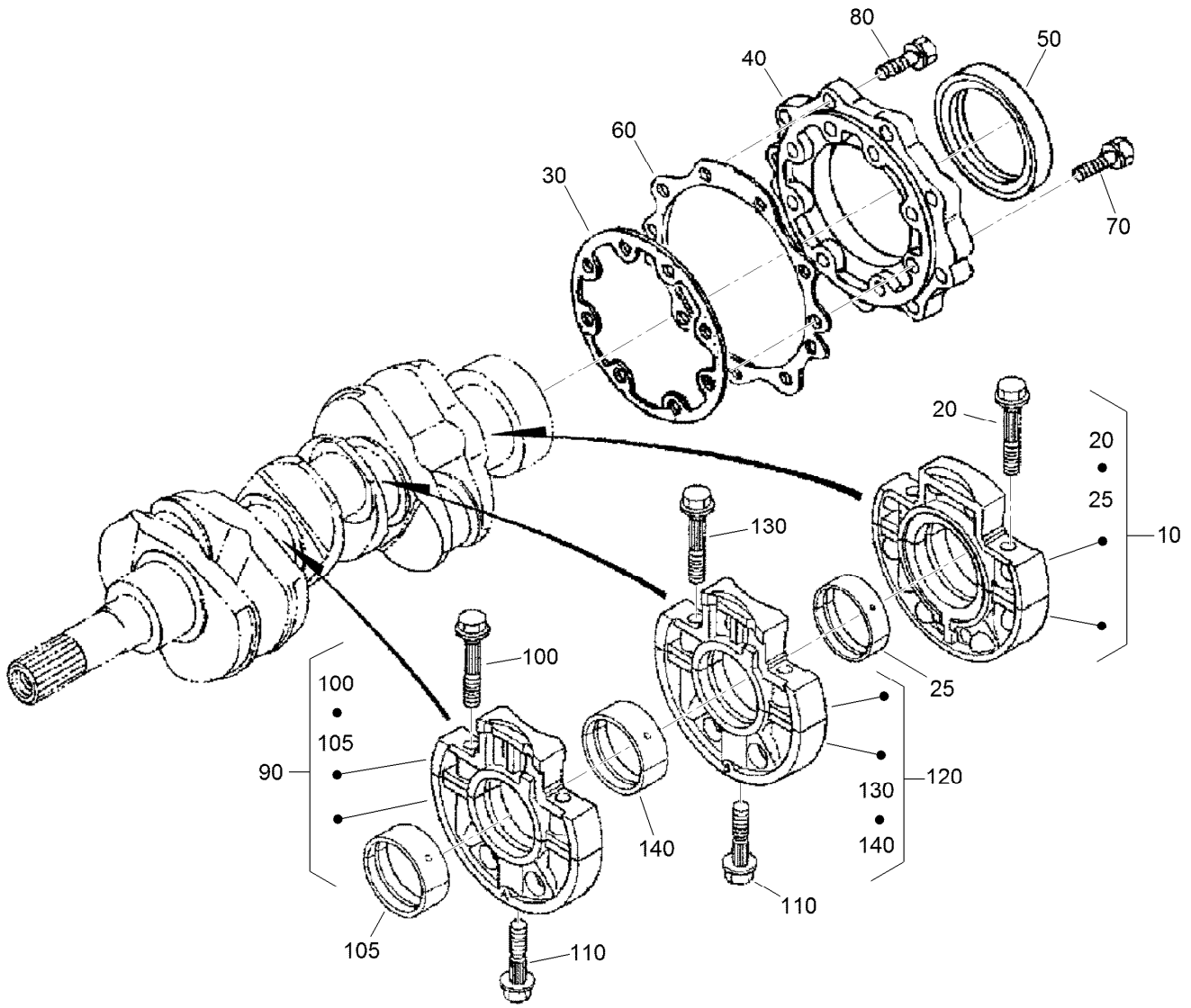
Ref.	Part Number	Qty.	Description
10	115-3446	1	Cylinder Head Cover ASM
30	98-9615	1	Gasket-Cover, Head
40	110-3715	1	Valve-Breather
50	110-3714	1	Cover-Breather
60	98-9364	4	Screw (With Washer)
70	98-7766	1	Pipe-Return, Water
80	98-9455	3	Nut-Cap
90	98-9454	3	Gasket
100	107-7836	1	Tube-Breather
110	108-2859	1	Clamp-Hose
120	108-2860	1	Clamp-Hose
130	107-9075	1	Plug-Filler, Oil
140	99-3446	1	O-Ring





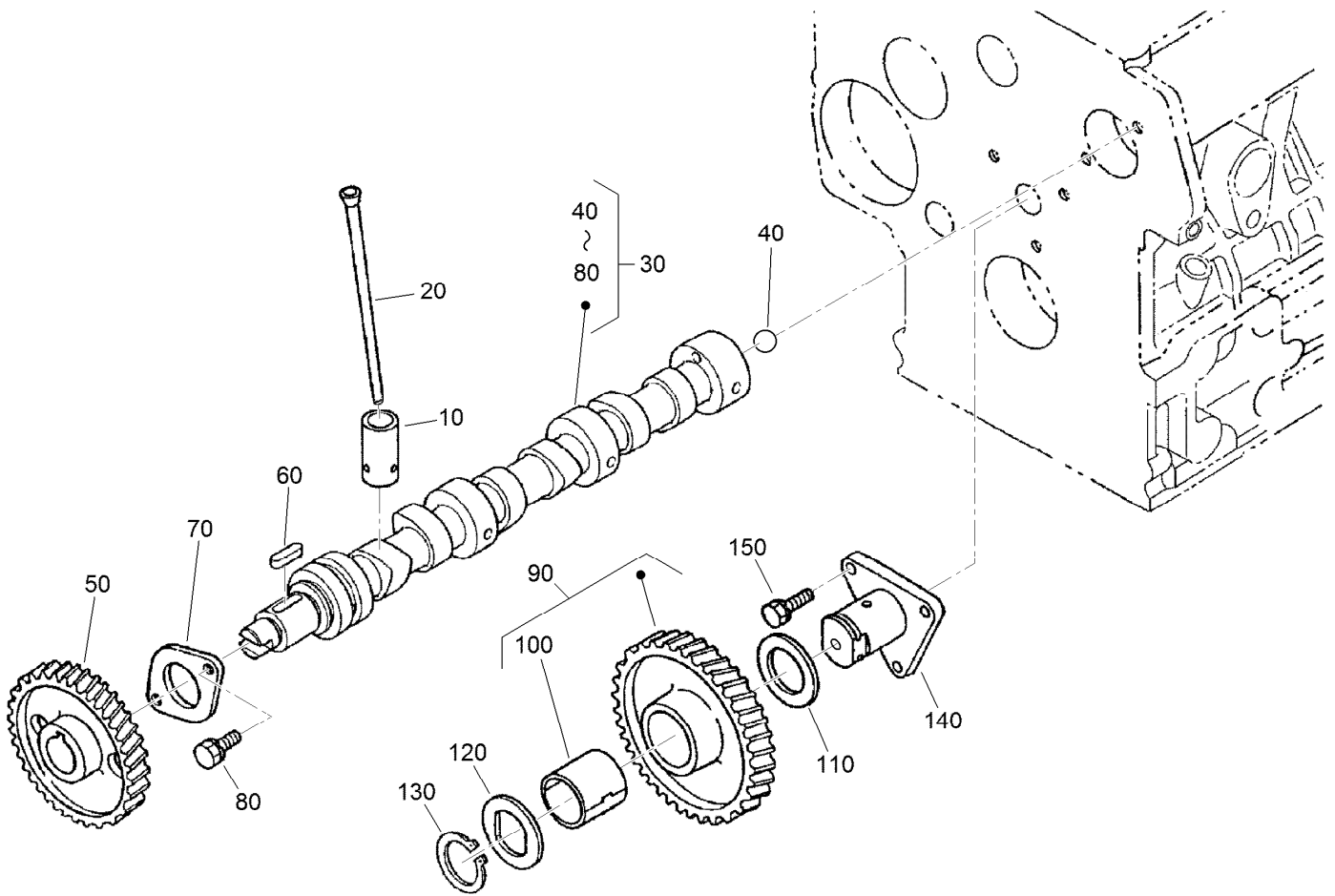
## Dipstick and Guide Assembly

<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



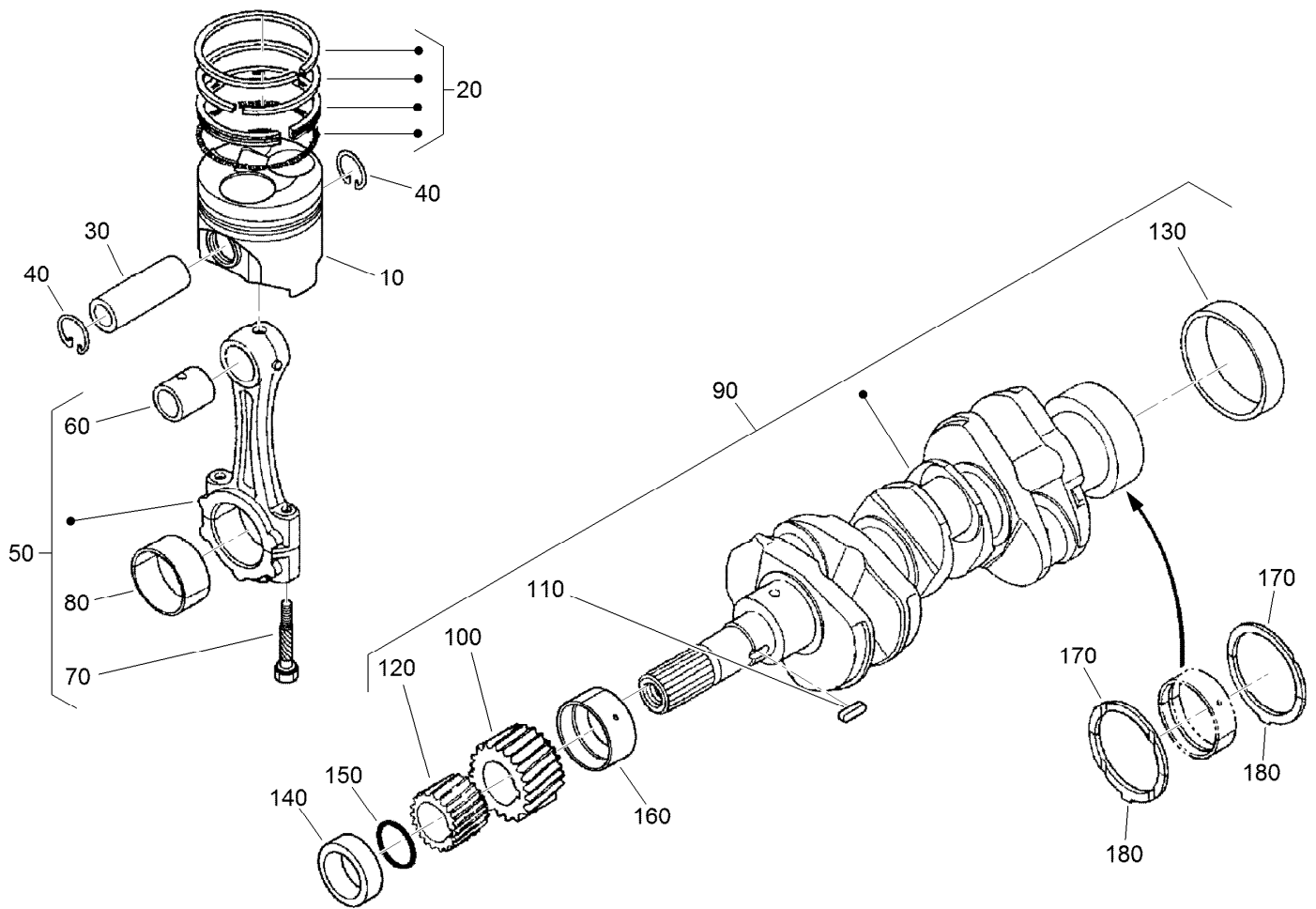
## Main Bearing Case Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	112-7026	1	Wheel Bearing Case ASM	90	115-4106	1	Main Bearing Case ASM
20	98-9484	2	Bolt-Case, Bearing	100	98-9484	2	Bolt-Case, Bearing
25	115-4121	1	Metal-Crankshaft (STD)	105	112-7011	1	Bearing-Main (STD)
25	112-7039	1	Metal-Crankshaft (0.2Mm)	105	112-7012	1	Metal-Crankpin (-0.2MM)
25	112-7040	1	Metal-Crankshaft (-0.4Mm)	105	112-7013	1	Metal-Crankpin (-0.4MM)
30	98-9634	1	Gasket-Case, Bearing	110	98-9485	2	Bolt-Case, Bearing
40	112-7046	1	Cover-Case, Bearing	120	115-4107	1	Main Bearing Case ASM
50	112-0180	1	Seal-Oil	130	98-9484	2	Bolt-Case, Bearing
60	112-7037	1	Gasket-Cover, Case	140	112-7011	1	Bearing-Main (STD)
70	98-9352	8	Bolt	140	112-7012	1	Metal-Crankpin (-0.2MM)
80	98-7568	9	Bolt	140	112-7013	1	Metal-Crankpin (-0.4MM)



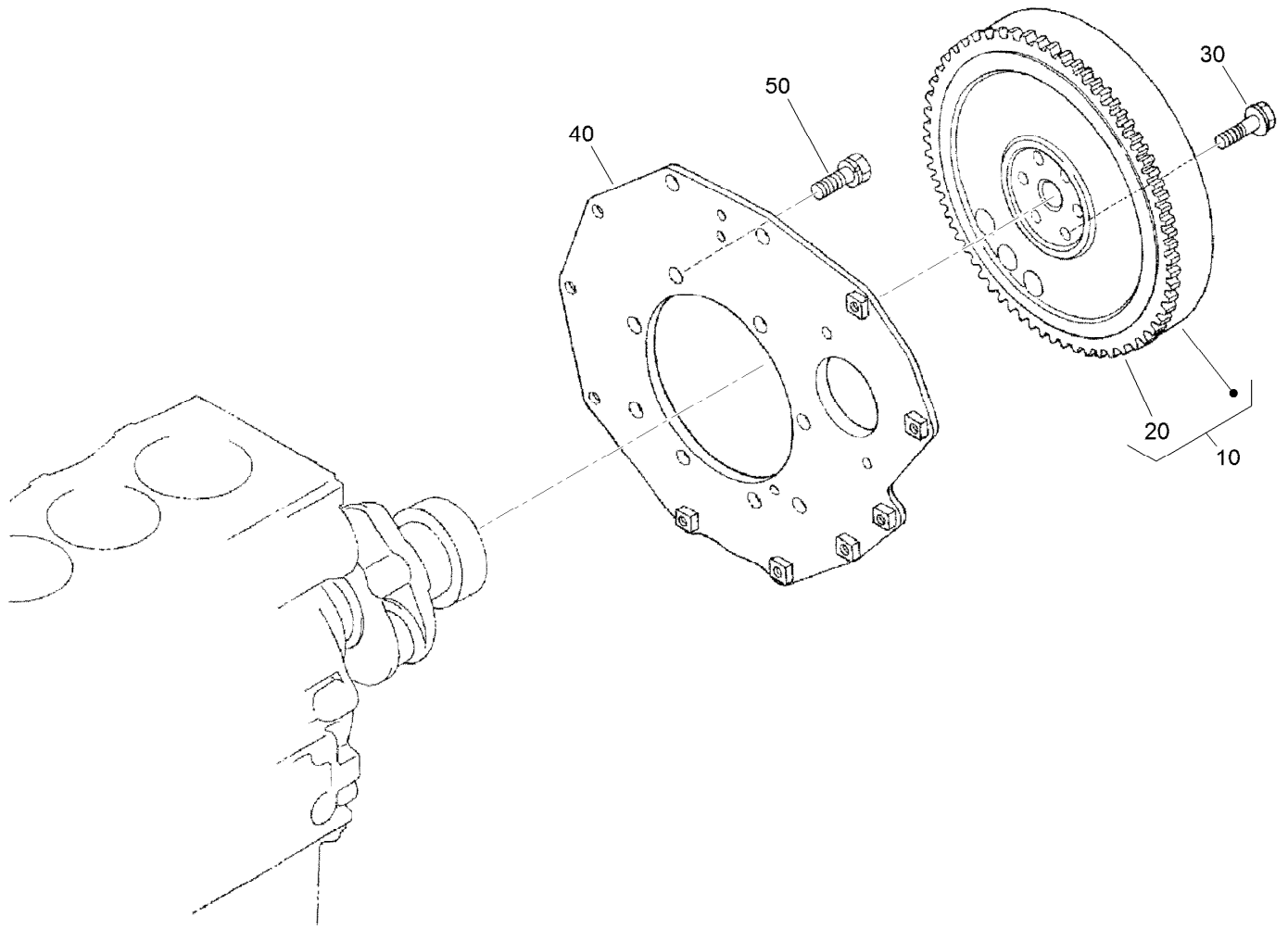
## Camshaft and Idle Gear Shaft Assembly

Ref.	Part Number	Qty.	Description
10	112-0185	6	Tappet
20	98-9509	6	Rod-Push
30	108-6576	1	Camshaft ASM
40	110-3729	1	Ball
50	98-9512	1	Gear-Cam
60	98-9378	1	Key-Feather
70	98-9510	1	Stopper-Camshaft
80	98-7692	2	Bolt
90	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



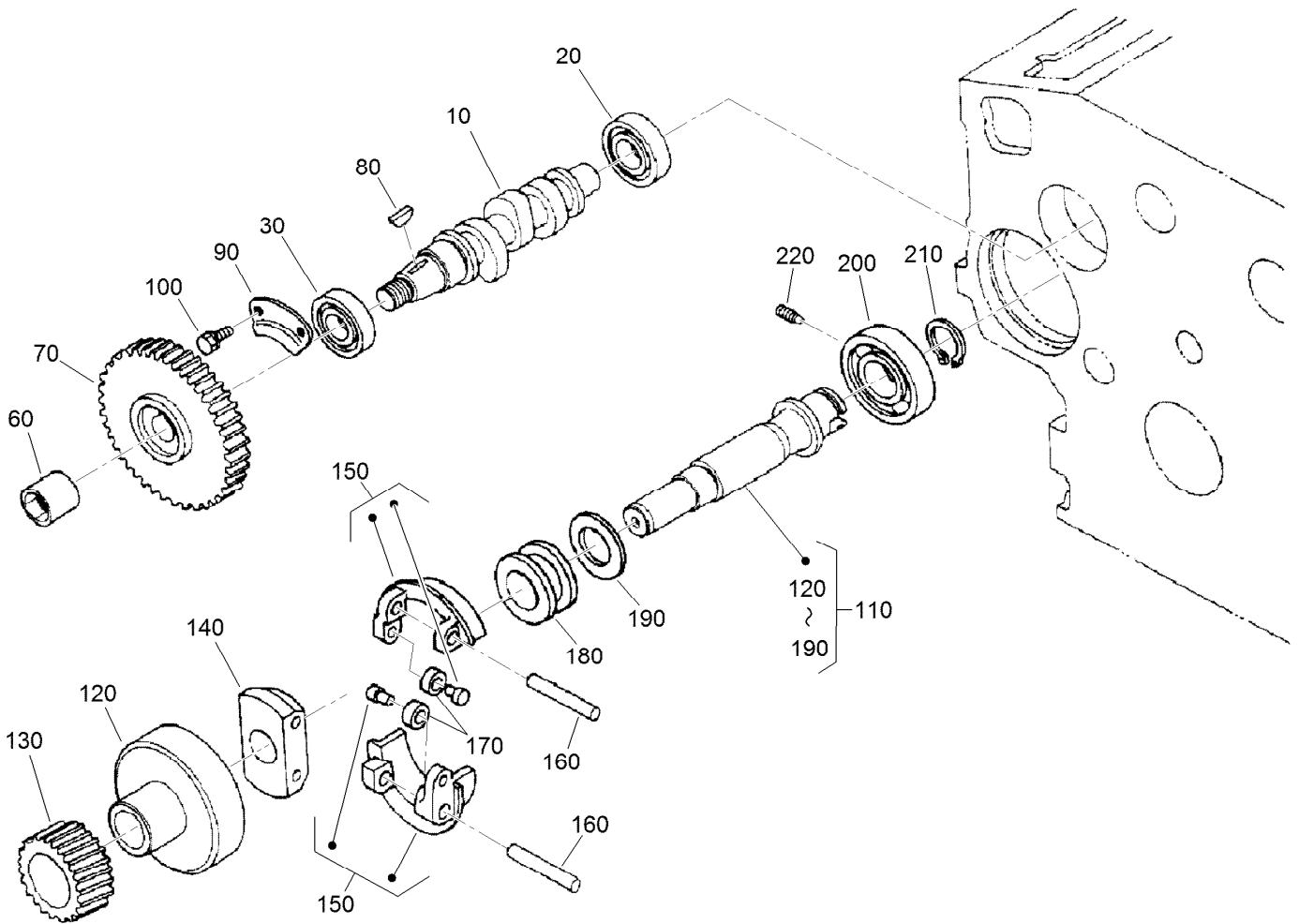
## Piston and Crankshaft Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
10	112-8404	3	Piston (STD)	110	98-9666	1	Key
10	112-8414	3	Piston (+0.5Mm)	120	98-9542	1	Gear-Drive, Oil Pump
20	98-9551	3	Piston Ring ASM (STD)	130	98-9522	1	Sleeve-Crankshaft
20	108-1404	3	Piston Ring ASM (+0.5MM)	140	98-9521	1	Collar-Crankshaft
30	98-9513	3	Pin-Piston	150	105-3783	1	O-Ring
40	98-9514	6	Circlip-Pin, Piston	160	112-7005	1	Bearing-Main (STD)
50	117-7586	3	Connecting Rod ASM	160	112-7009	1	Metal-Crankpin (-0.2MM)
60	115-3014	3	Bushing-Pin, Piston	160	112-7010	1	Metal-Crankpin (-0.4MM)
70	98-9517	6	Bolt-Rod, Connecting	170	98-9413	2	Bearing-Thrust (STD)
80	98-9553	3	Bearing-Rod (STD)	170	98-9414	2	Bearing-Thrust (0.2MM)
80	117-7587	3	Metal-Crankpin (-0.2MM)	170	98-9415	2	Bearing-Thrust (0.4MM)
80	117-7588	3	Metal-Crankpin (-0.4MM)	180	98-9688	2	Bearing-Thrust (STD)
90	98-9642	1	Crankshaft ASM	180	98-9689	2	Bearing-Thrust (0.2MM)
100	117-7561	1	Gear-Crankshaft	180	98-9690	2	Bearing-Thrust (0.4MM)



## Flywheel Assembly

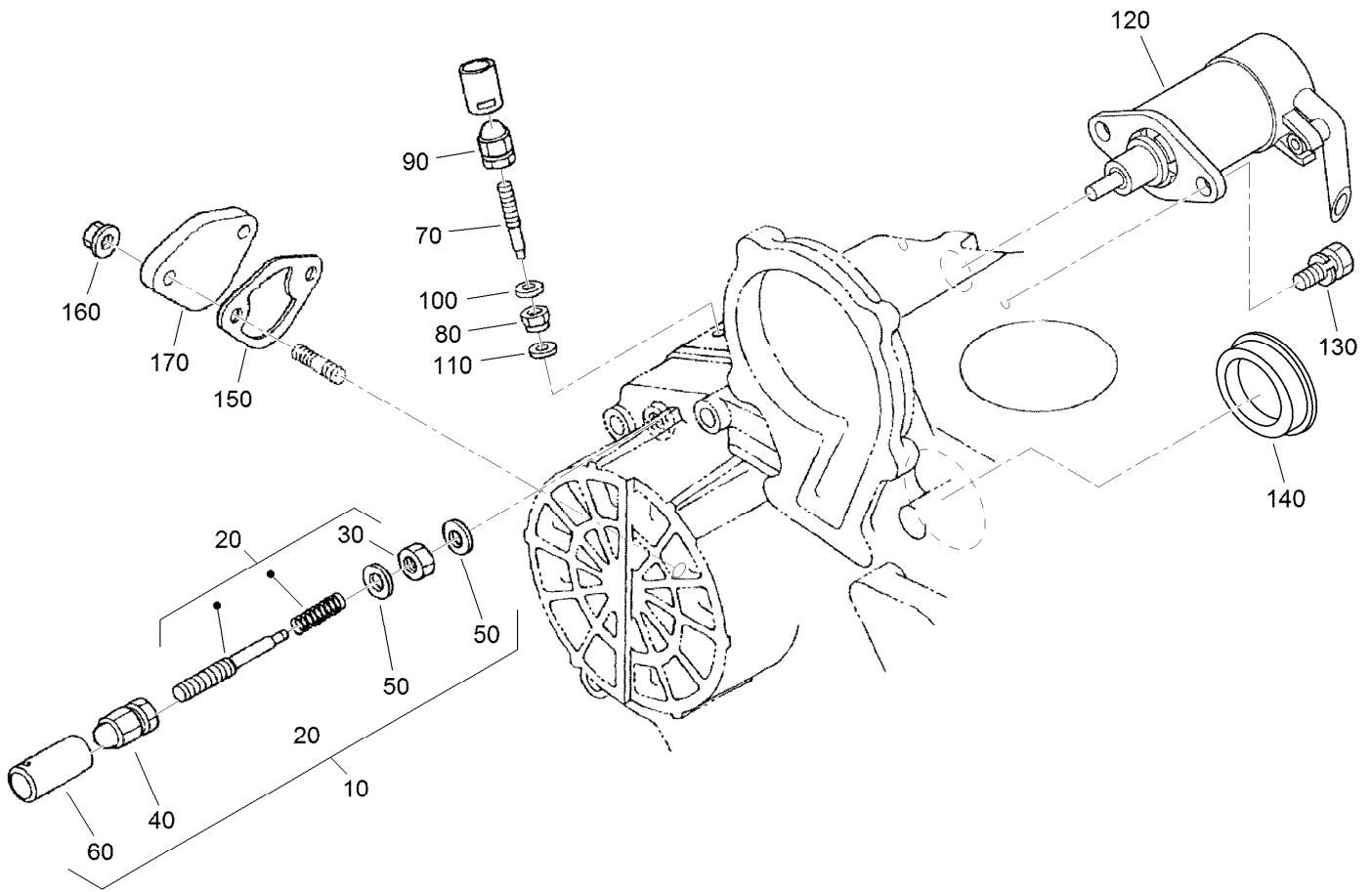
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	105-3784	1	Flywheel ASM
20	115-3015	1	Gear-Ring
30	98-9537	6	Bolt-Flywheel
40	98-9486	1	Plate-End, Rear
50	98-9392	8	Bolt



## Fuel Camshaft and Governor Shaft Assembly

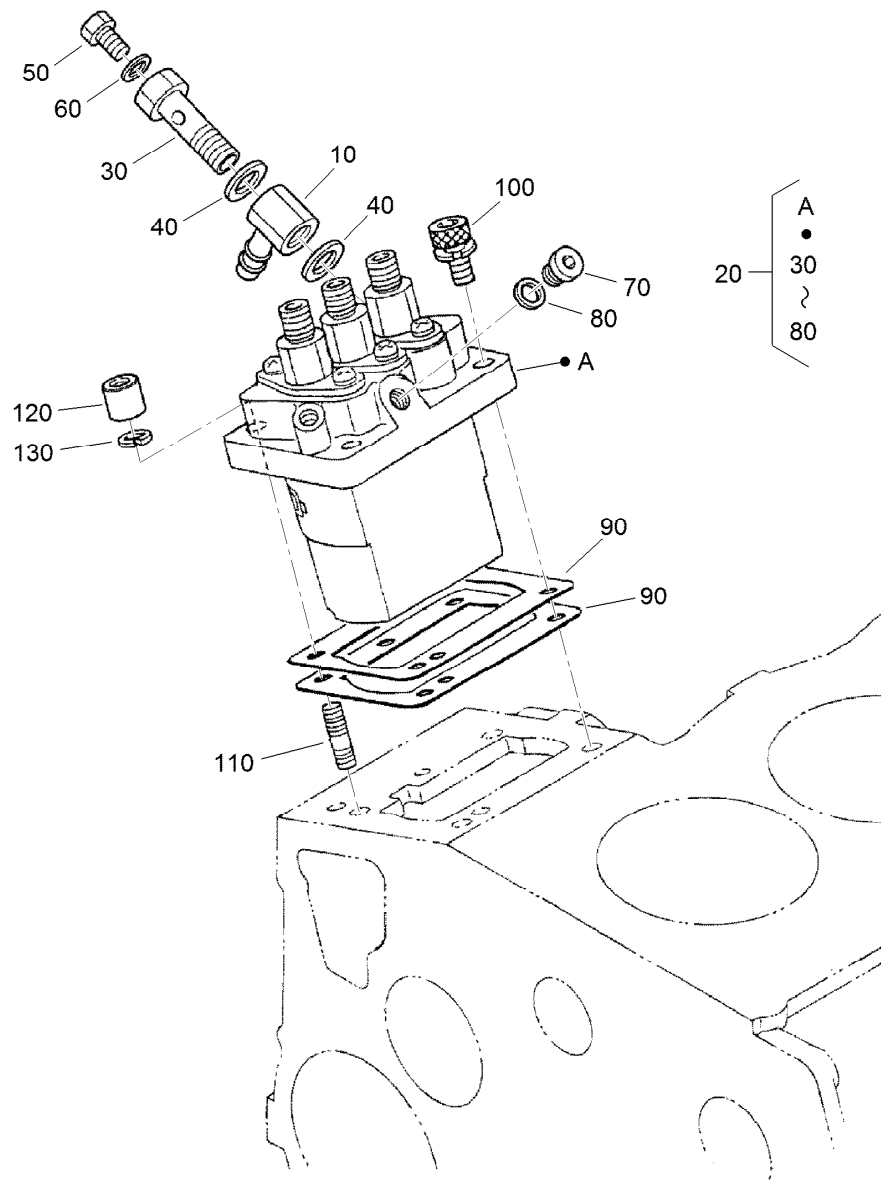
Ref.	Part Number	Qty.	Description
10	98-9459	1	Camshaft-Fuel
20	107-9077	1	Bearing-Ball
30	107-9078	1	Bearing-Ball
60	98-9590	1	Nut-Cap
70	120-2562	1	Gear-Pump, Injection
80	98-9595	1	Key-Woodruff
90	98-9511	1	Stopper-Fuel, Camshaft
100	98-7692	2	Bolt
110	98-9644	1	Governor Shaft ASM
120	98-9562	1	Holder-Gear, Governor

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



## Idle Apparatus and Stop Solenoid Assembly

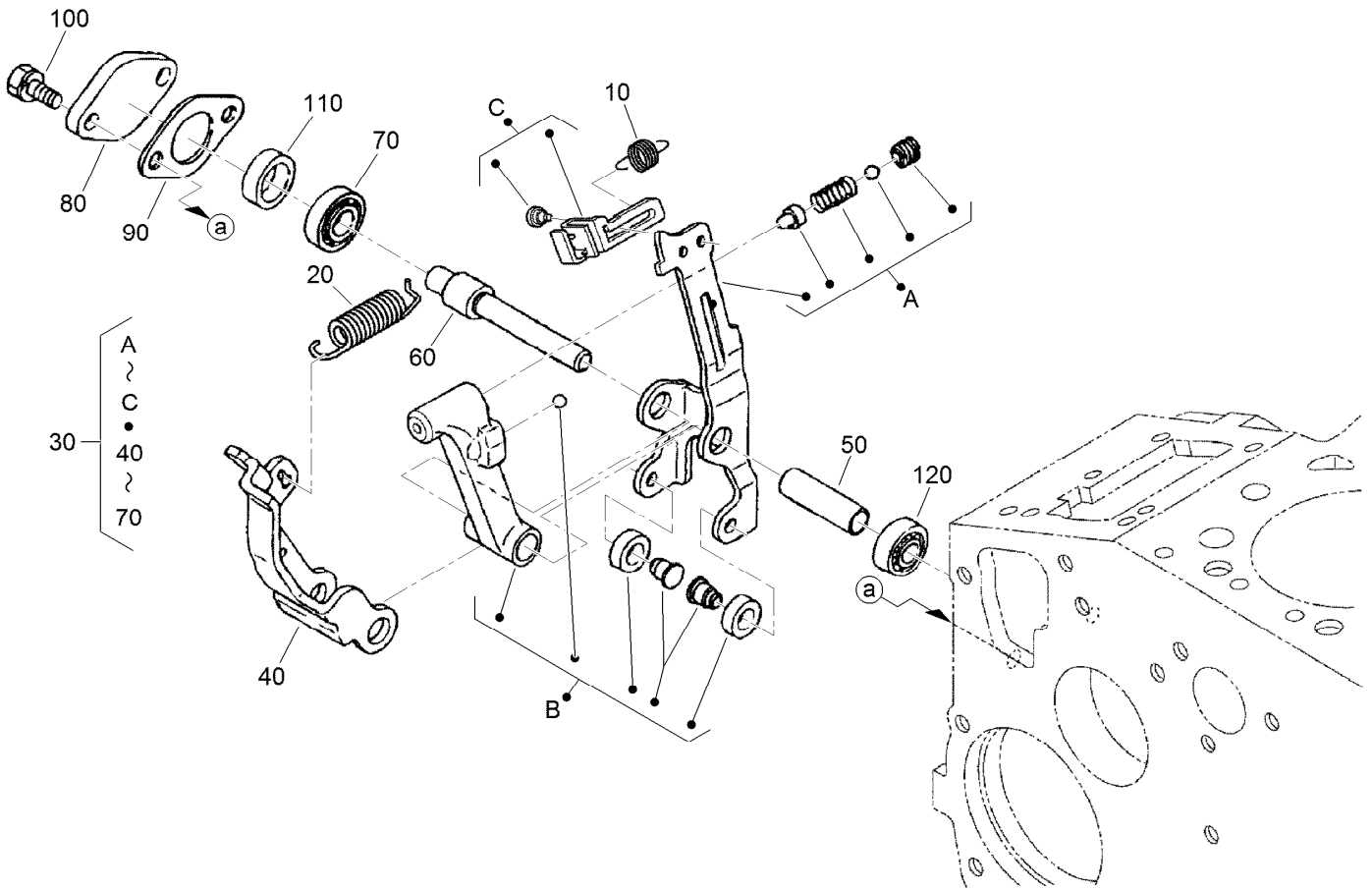
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9678	1	Idle Apparatus ASM	100	98-7654	1	Gasket
20	112-7014	1	Adjusting Bolt ASM	110	107-9081	1	Gasket
30	98-9439	1	Nut	120	104-5155	1	Solenoid-Stop
40	112-0181	1	Nut	130	115-3039	2	Bolt-HSH
50	98-7654	2	Gasket	140	99-3514	1	Cover
60	98-7656	1	Cap	150	117-7562	1	Gasket-Pump, Fuel
70	112-7015	1	Bolt-Adjusting	160	100-2203	2	Nut-Flange
80	100-2175	1	Nut-Lock	170	112-7016	1	Cover-Pump
90	112-0181	1	Nut				



## Injection Pump Assembly

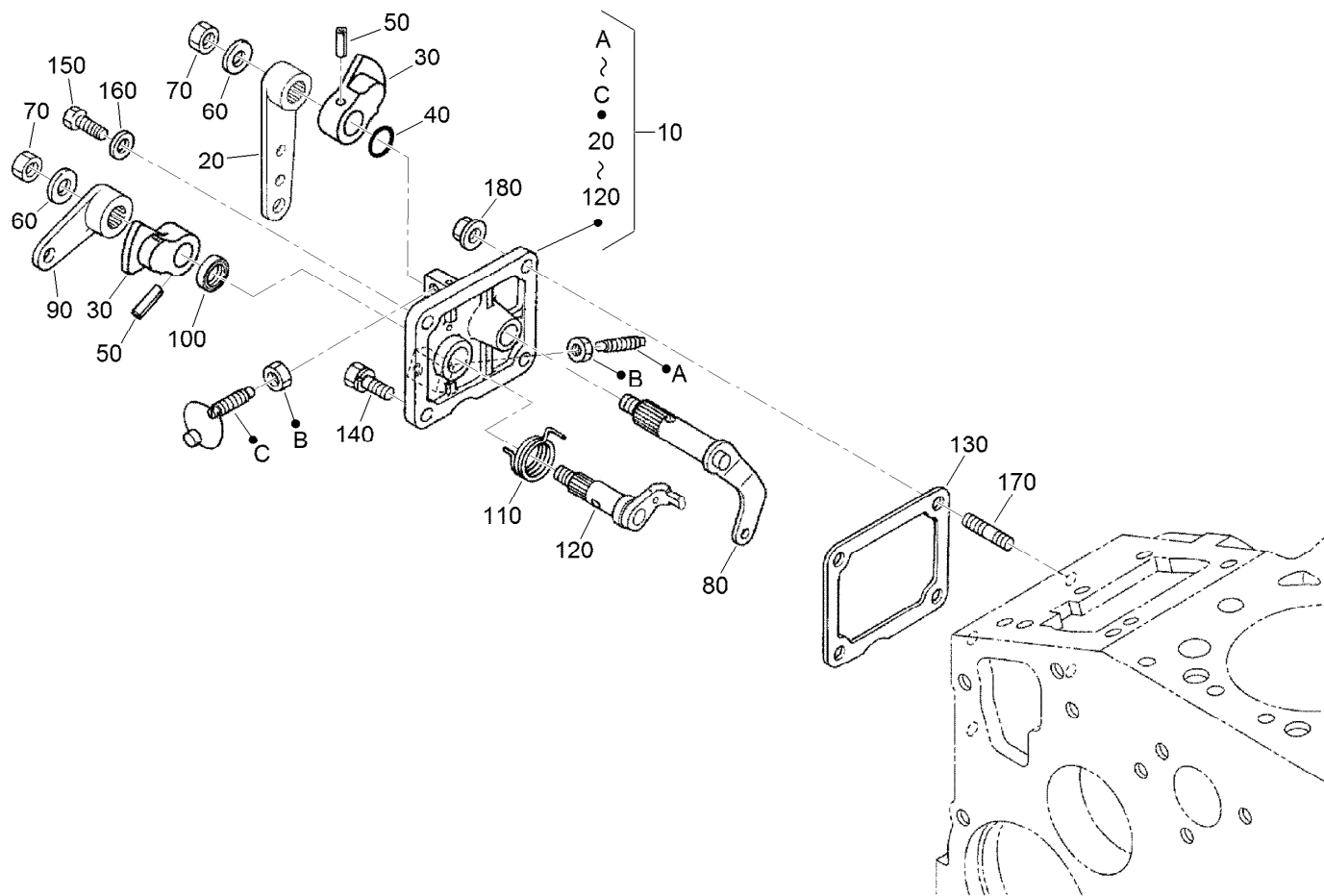
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9596	1	Joint-Eye	90	98-9456	1	Shim-Injection (0.20MM)
20	98-9643	1	Injection Pump ASM	90	98-9457	1	Shim-Injection (0.25MM)
30	98-9464	1	Bolt-Joint	90	98-9458	1	Shim-Injection (0.30MM)
40	98-9445	2	Gasket	90	115-3046	1	Shim-Injection (0.35MM)
50	98-9430	1	Screw	100	117-7564	2	Bolt-Hex Soc HD
60	98-9446	1	Gasket	110	98-9438	2	Stud
70	98-9466	1	Plug	120	98-9440	2	Nut-Cap
80	98-9451	1	Gasket	130	98-7699	4	Washer-Spring
90	115-3045	1	Shim-Injection (0.175MM)				





## Governor Assembly

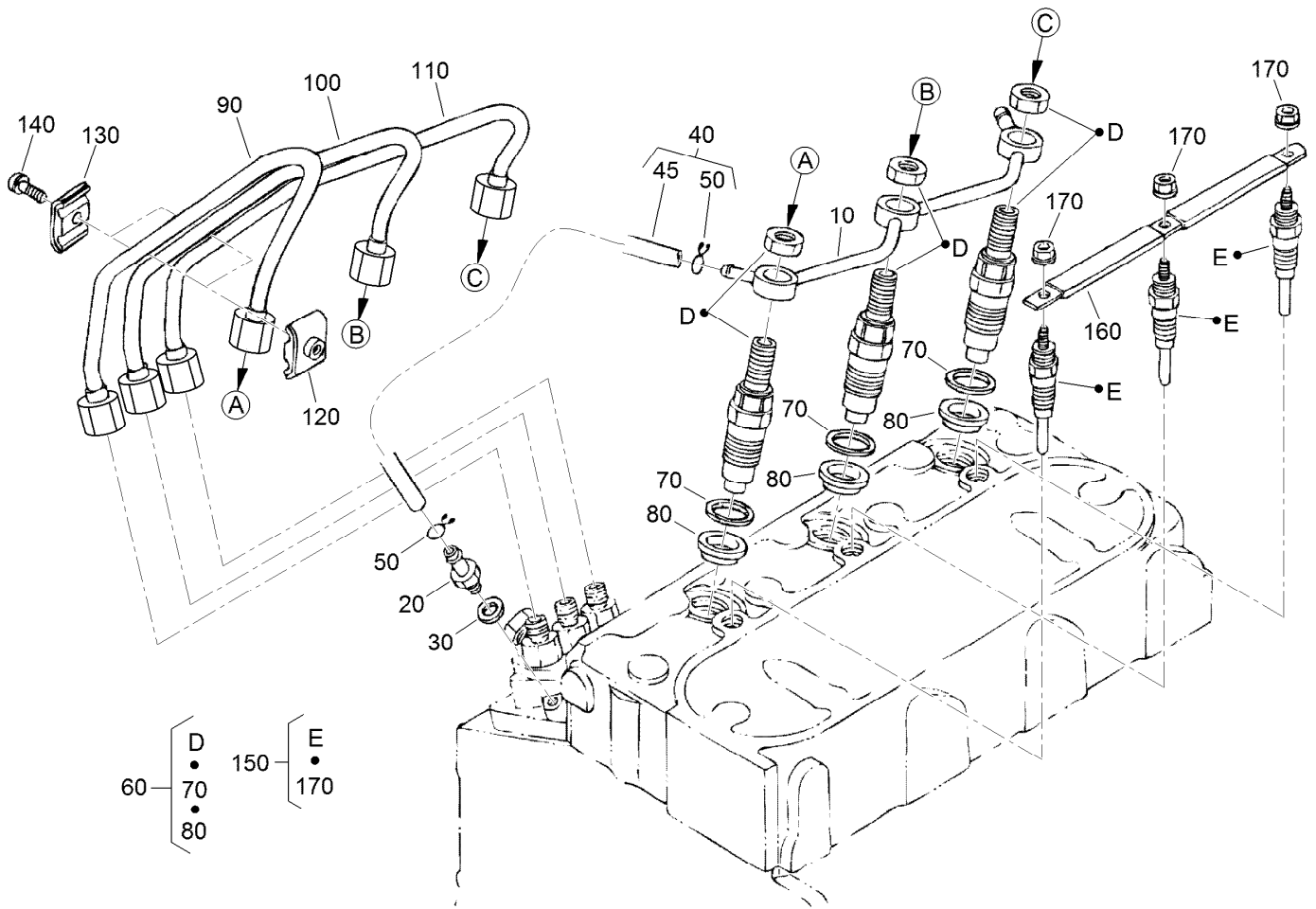
Ref.	Part Number	Qty.	Description
10	105-3786	1	Spring-Start
20	98-9681	1	Spring-Governor
30	115-4502	1	Fork Lever ASM
40	107-9084	1	Lever-Fork
50	107-9085	1	Shaft-Lever, Fork
60	107-9086	1	Shaft-Lever, Fork
70	98-9570	1	Bearing-Miniaturize
80	115-4122	1	Cover-Shaft, Fork Lever
90	98-9682	1	Gasket
100	98-9350	2	Bolt
110	98-9567	1	Collar
120	98-9571	1	Bearing-Miniaturize



## Speed Control Plate Assembly

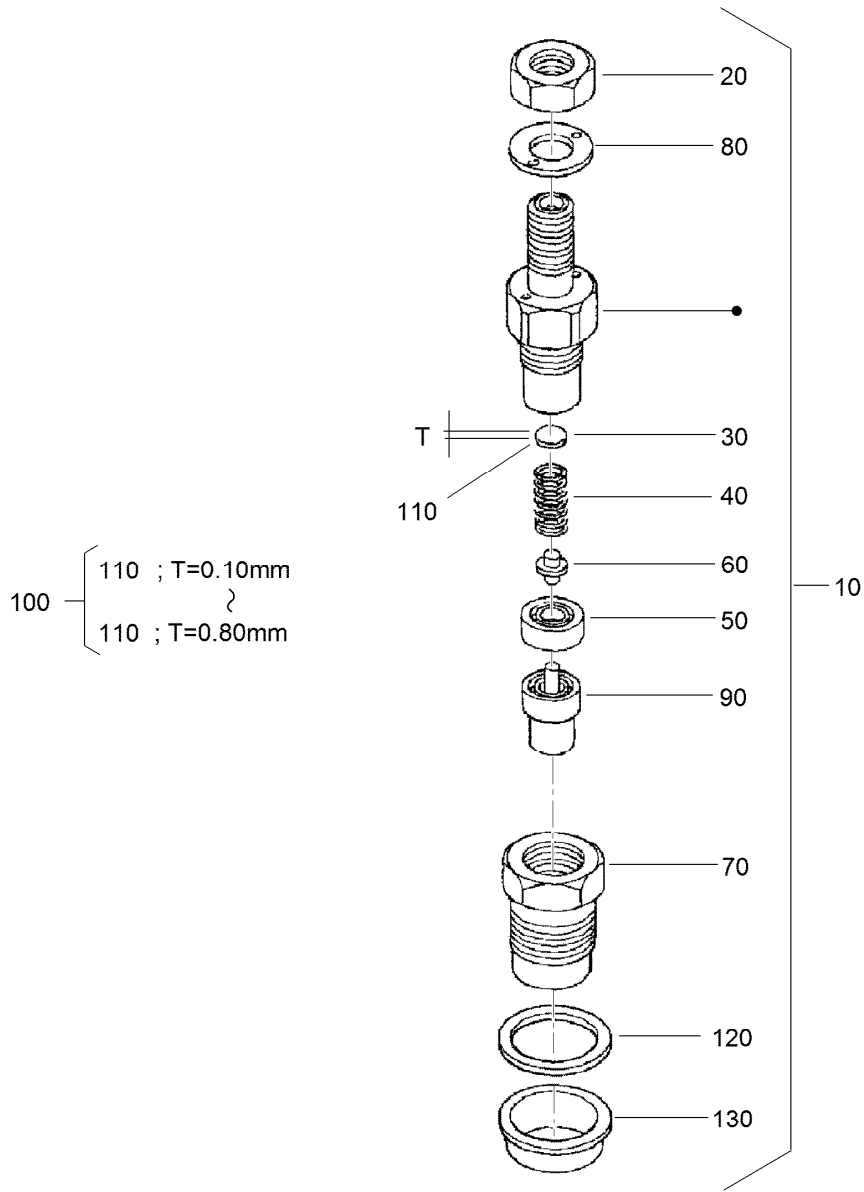
Ref.	Part Number	Qty.	Description
10	105-3735	1	Control Plate ASM
20	98-9662	1	Lever-Control, Speed
30	98-9572	2	Lever-Control, Speed
40	105-3788	1	O-Ring
50	98-7602	2	Pin-Spring
60	98-9594	2	Washer-Plain
70	98-9589	2	Nut
80	98-9658	1	Governor Lever ASM
90	98-9663	1	Lever-Stop, Engine

Ref.	Part Number	Qty.	Description
100	98-7601	1	Seal-Oil
110	98-9472	1	Spring-Return
120	98-9664	1	Shaft-Lever, Stop
130	98-9637	1	Gasket
140	98-7692	1	Bolt
150	99-8348	1	Bolt
160	98-7654	1	Gasket
170	105-3710	2	Stud
180	100-2203	2	Nut-Flange



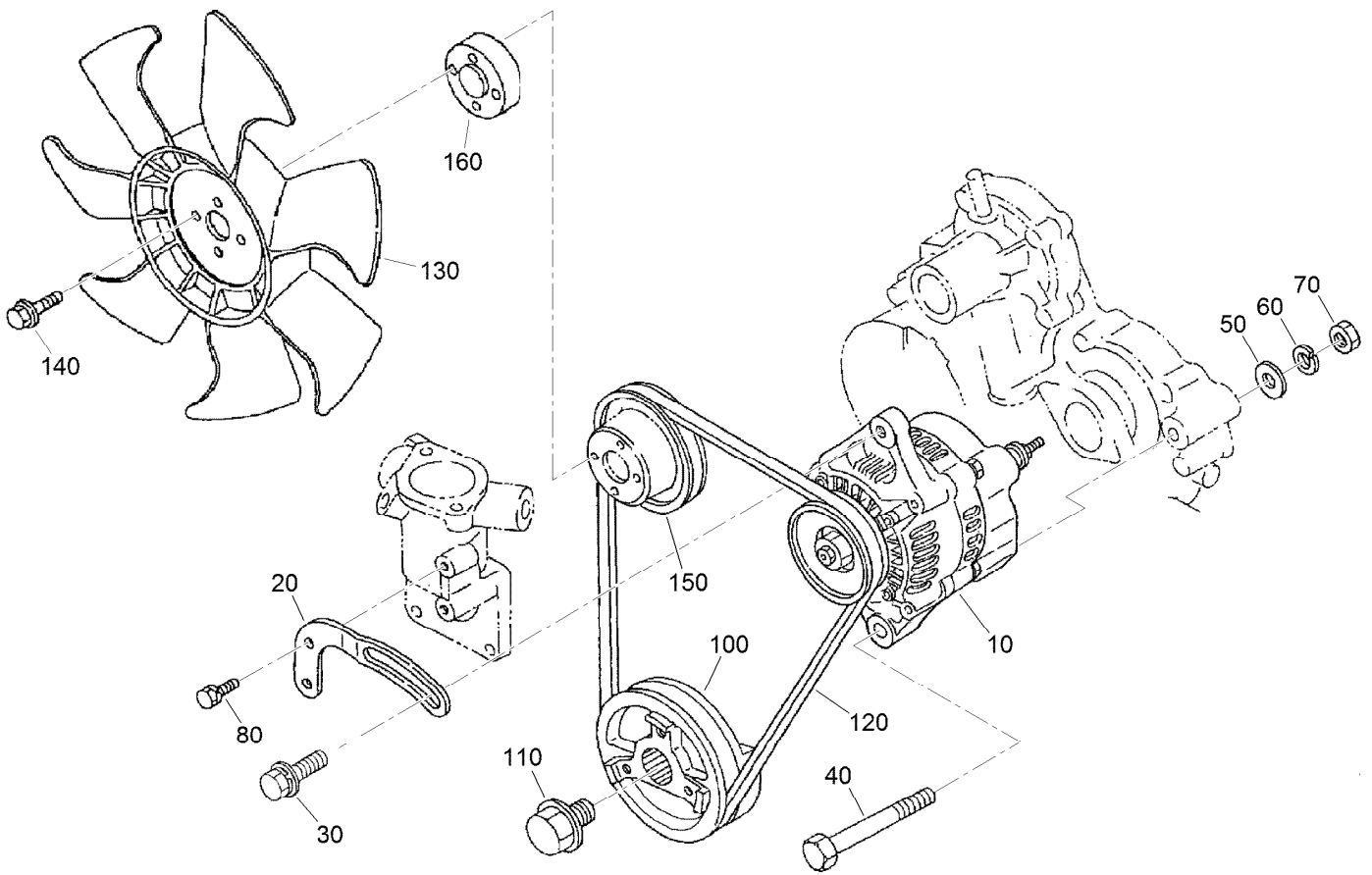
## Nozzle Holder and Glow Plug Assembly

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
10	98-9620	1	Overflow Pipe ASM	90	98-9622	1	Pipe-Injection
20	98-9431	1	Screw-Bleeder, Air	100	98-9654	1	Pipe-Injection
30	98-7654	1	Gasket	110	98-9655	1	Pipe-Injection
40	98-9420	1	Overflow Pipe ASM	120	98-7682	2	Clamp-Pipe
45	112-0182	1	Pipe-Overflow	130	98-7683	2	Clamp-Pipe
50	98-7671	2	Clip-Pipe	140	98-7684	2	Screw (W/Washer)
60	108-2866	3	Nozzle Holder Kit	150	115-3019	3	Plug-Glow
70	98-7676	3	Gasket	160	98-9631	3	Cord-Plug, Glow
80	98-7677	3	Seal-Heat	170	99-8377	1	Nut-Flange



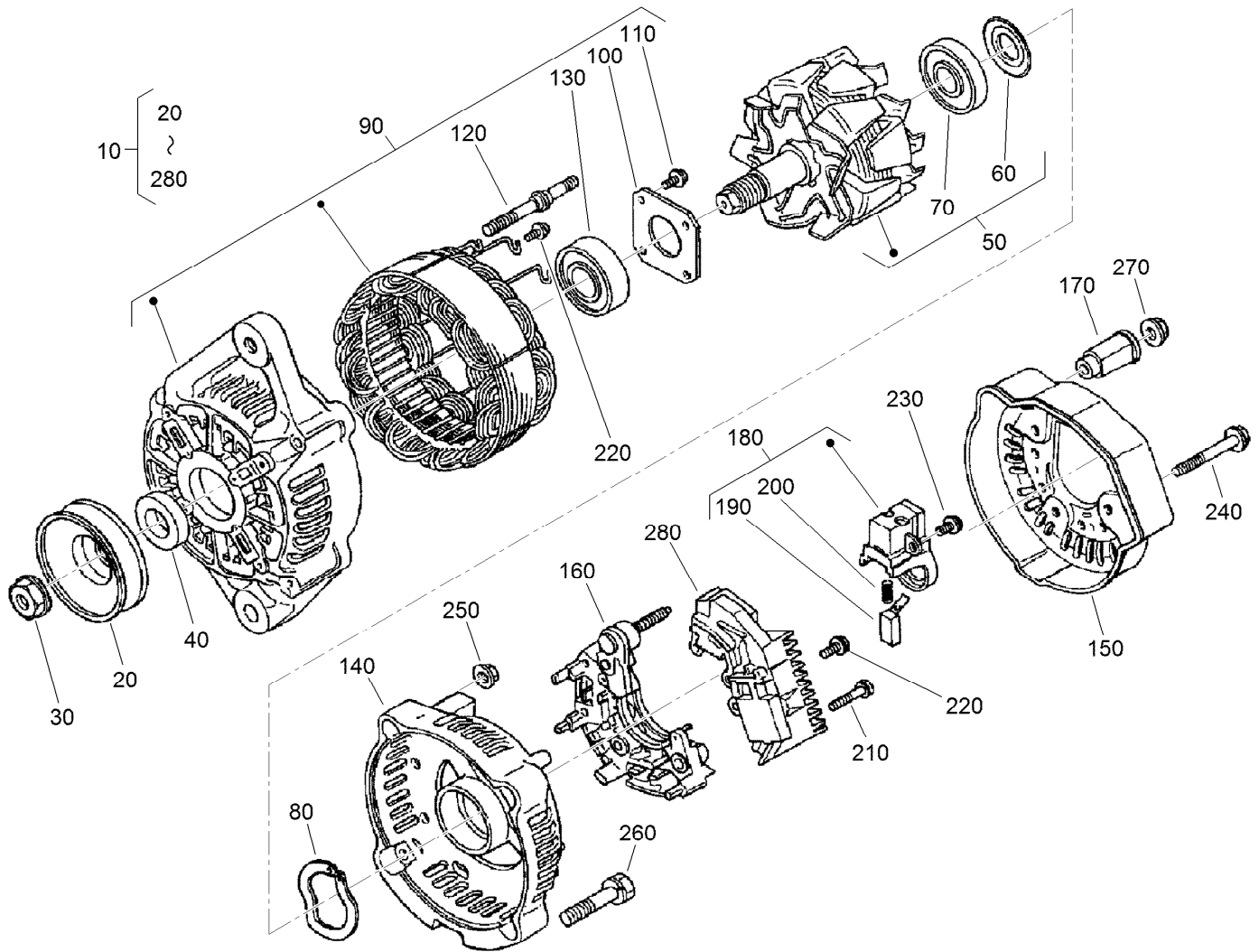
## Nozzle Holder Assembly

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



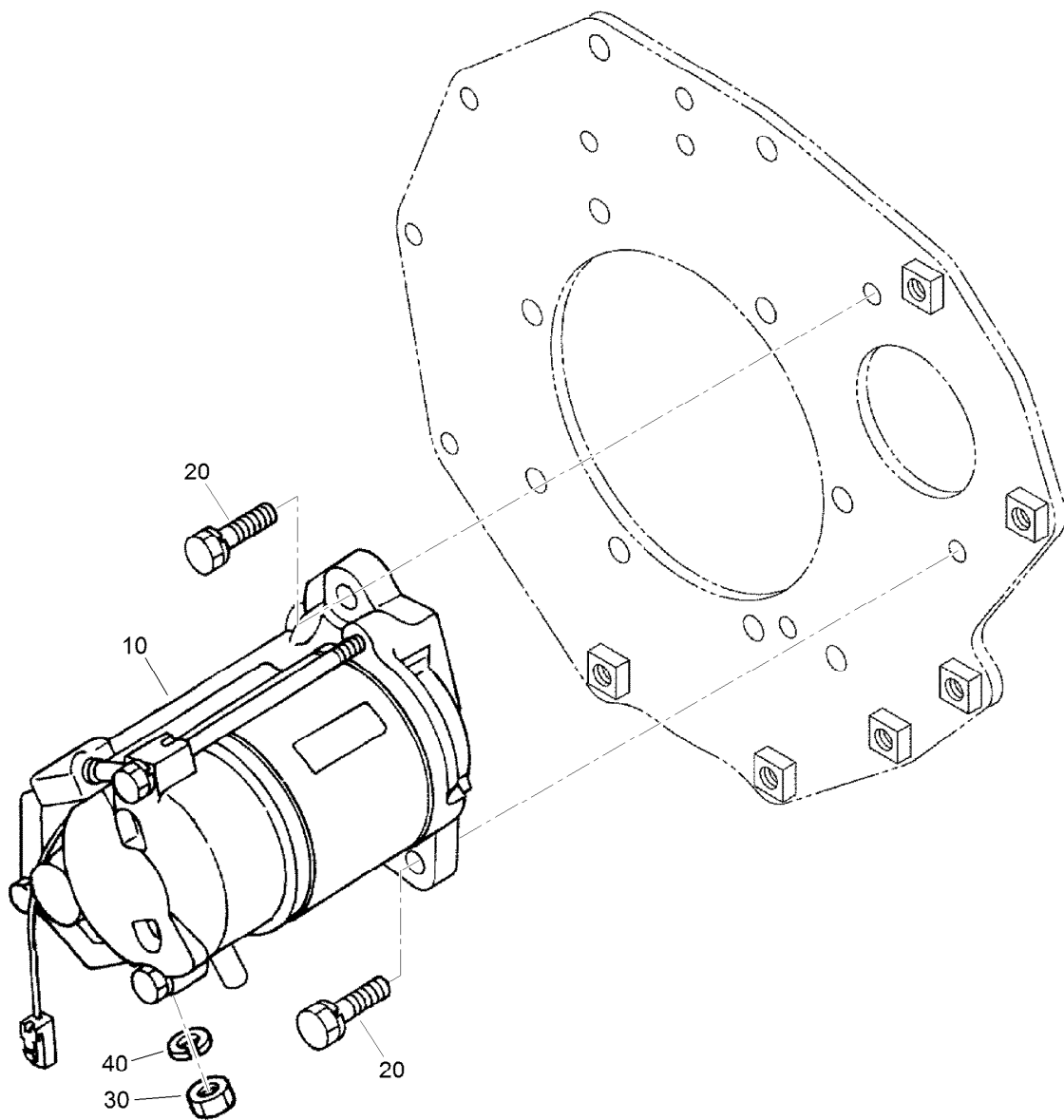
## Alternator and Pulley Assembly

Ref.	Part Number	Qty.	Description
10	98-9474	1	Alternator ASM
20	112-7047	1	Stay-Dynamo
30	108-7088	1	Bolt
40	98-9360	1	Bolt
50	98-9366	1	Washer-Plain
60	98-7738	1	Washer-Spring
70	98-7737	1	Nut
80	98-7692	1	Bolt
100	98-9473	1	Pulley-Drive, Fan
110	98-9585	1	Bolt
120	104-3494	1	Belt-V
130	107-9096	1	Fan-Cooling
140	108-2873	4	Bolt-Flange
150	104-3497	1	Pulley-Fan
160	108-2872	1	Collar-Fan



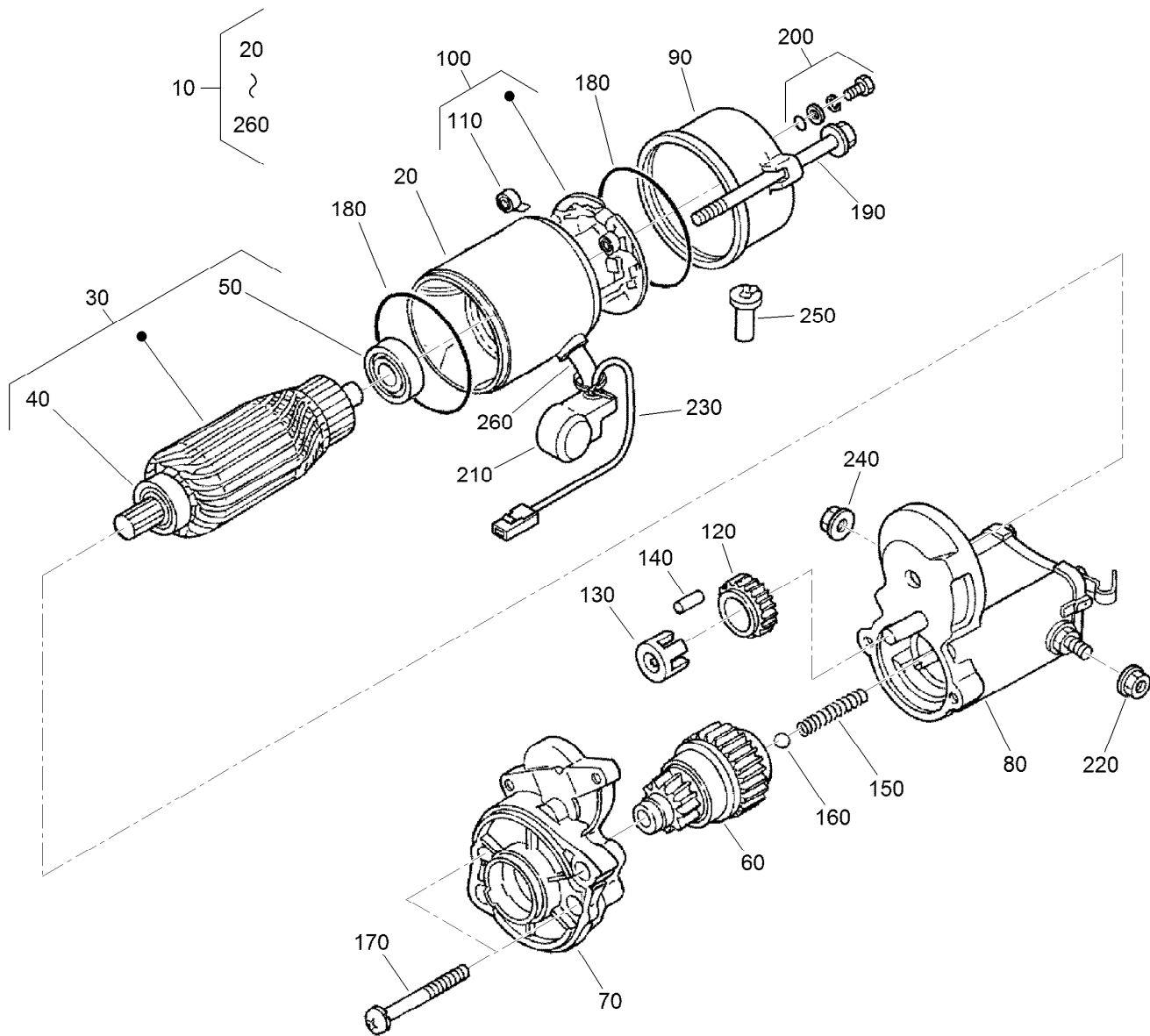
## Alternator Components Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9474	1	Alternator ASM	150	107-0140	1	Cover-End
20	98-9453	1	Pulley-Dynamo	160	98-7721	1	Rectifier ASM
30	98-7708	1	Nut	170	98-7722	1	Bushing-Insulation
40	98-7709	1	Collar	180	107-0141	1	Brush Holder ASM
50	107-0136	1	Rotor ASM	190	98-7724	2	Brush
60	98-7711	1	Cover-Bearing	200	98-7725	2	Spring-Brush
70	107-0138	1	Bearing-Ball	210	98-7726	2	Screw-Head, Round
80	98-7713	1	Washer-Thrust	220	98-7727	6	Screw-Head, Round
90	107-0139	1	Drive End Frame ASM	230	98-7728	1	Screw-Head, Round
100	98-7715	1	Plate-Retainer	240	98-7729	3	Bolt
110	98-7716	4	Screw-Head, Round	250	98-7730	2	Nut
120	98-7717	2	Bolt-Through	260	98-7731	2	Bolt
130	107-0137	1	Bearing-Ball	270	98-7732	1	Nut
140	107-9087	1	Frame-End	280	110-3799	1	Regulator ASM



## Starter Assembly

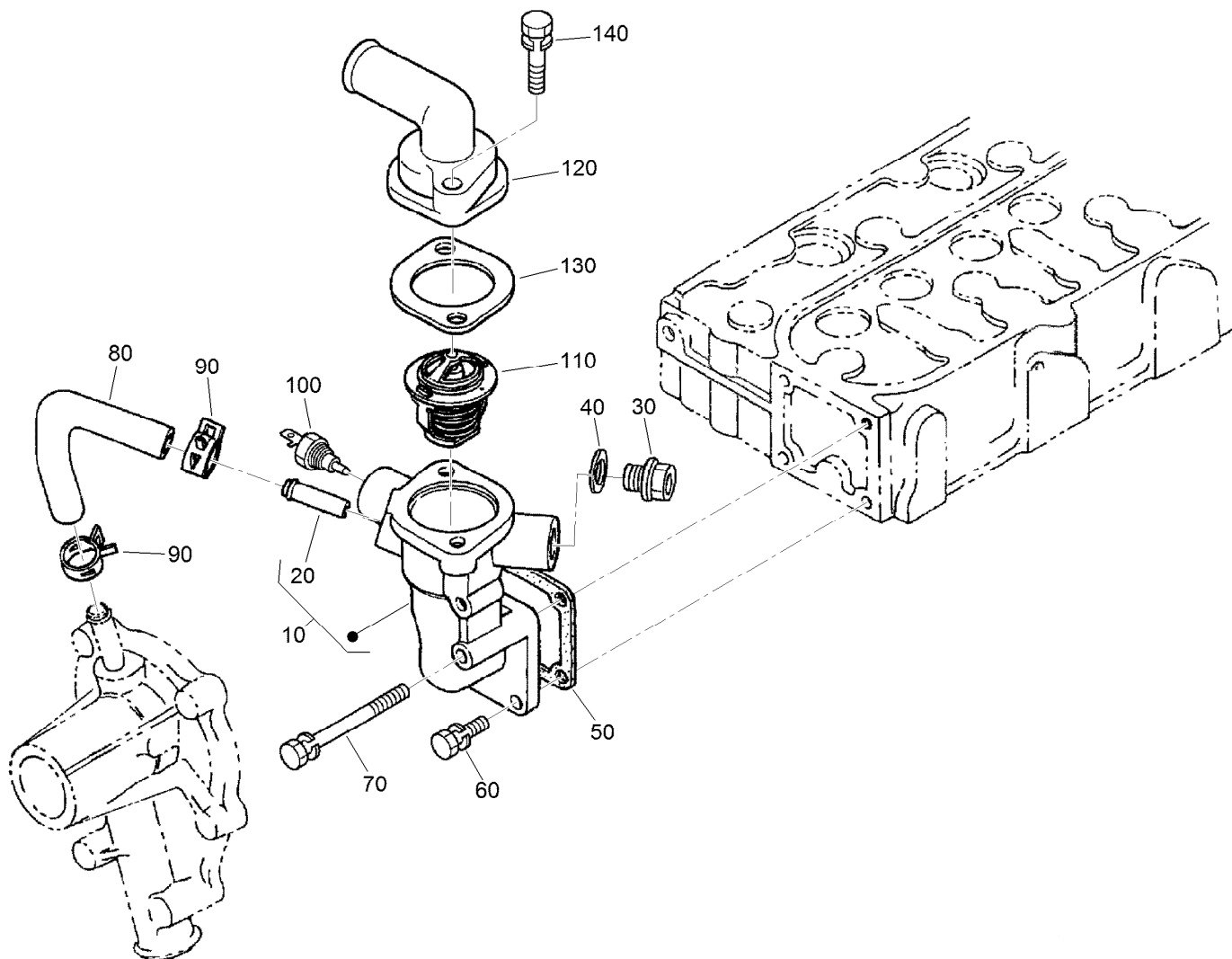
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9705	1	Starter ASM
20	98-7697	2	Bolt
30	98-7739	1	Nut
40	105-2893	1	Washer-Spring



## Starter Component Assembly

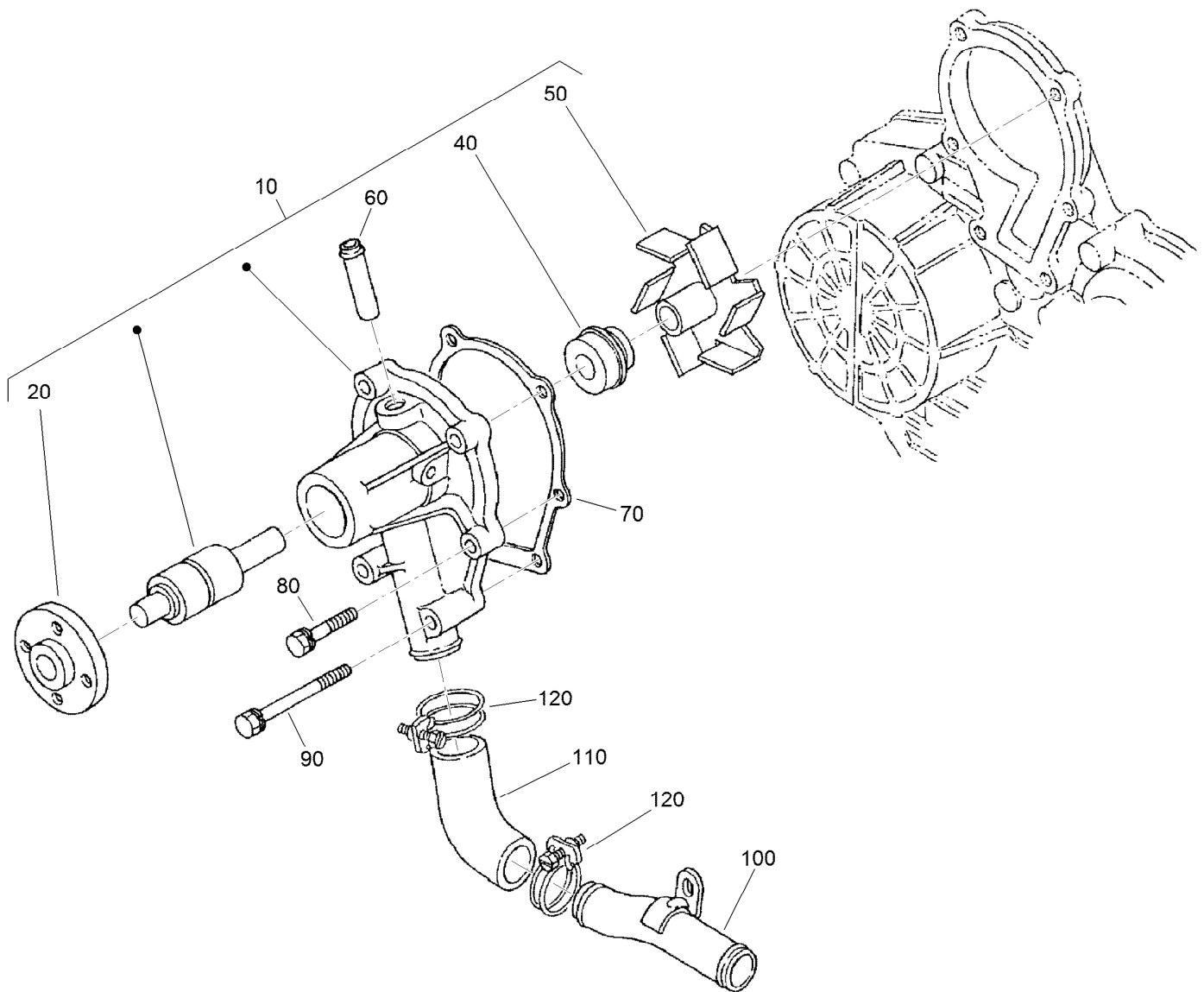
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9705	1	Starter ASM	140	98-7753	5	Roller
20	104-8608	1	Yoke ASM	150	98-7754	1	Spring
30	98-7742	1	Armature ASM	160	98-7755	1	Ball
40	98-7744	1	Bearing	170	98-7756	2	Bolt
50	98-7743	1	Bearing	180	98-7757	2	O-Ring
60	99-8373	1	Clutch-Running, Over	190	100-9240	2	Bolt
70	99-8374	1	Frame-End, Drive	200	98-7758	2	Bolt ASM
80	105-3746	1	Magnetic Switch ASM	210	99-8375	1	Cover
90	98-7748	1	Frame-End	220	99-8371	1	Nut-Hex
100	98-7749	1	Brush Holder ASM	230	98-9711	1	Cord-Solenoid, Stop
110	98-7750	4	Spring-Brush	240	99-8376	1	Nut-Hex
120	98-7751	1	Gear	250	98-7759	1	Pipe-Drain
130	98-7752	1	Retainer	260	98-9712	1	Band-Cover





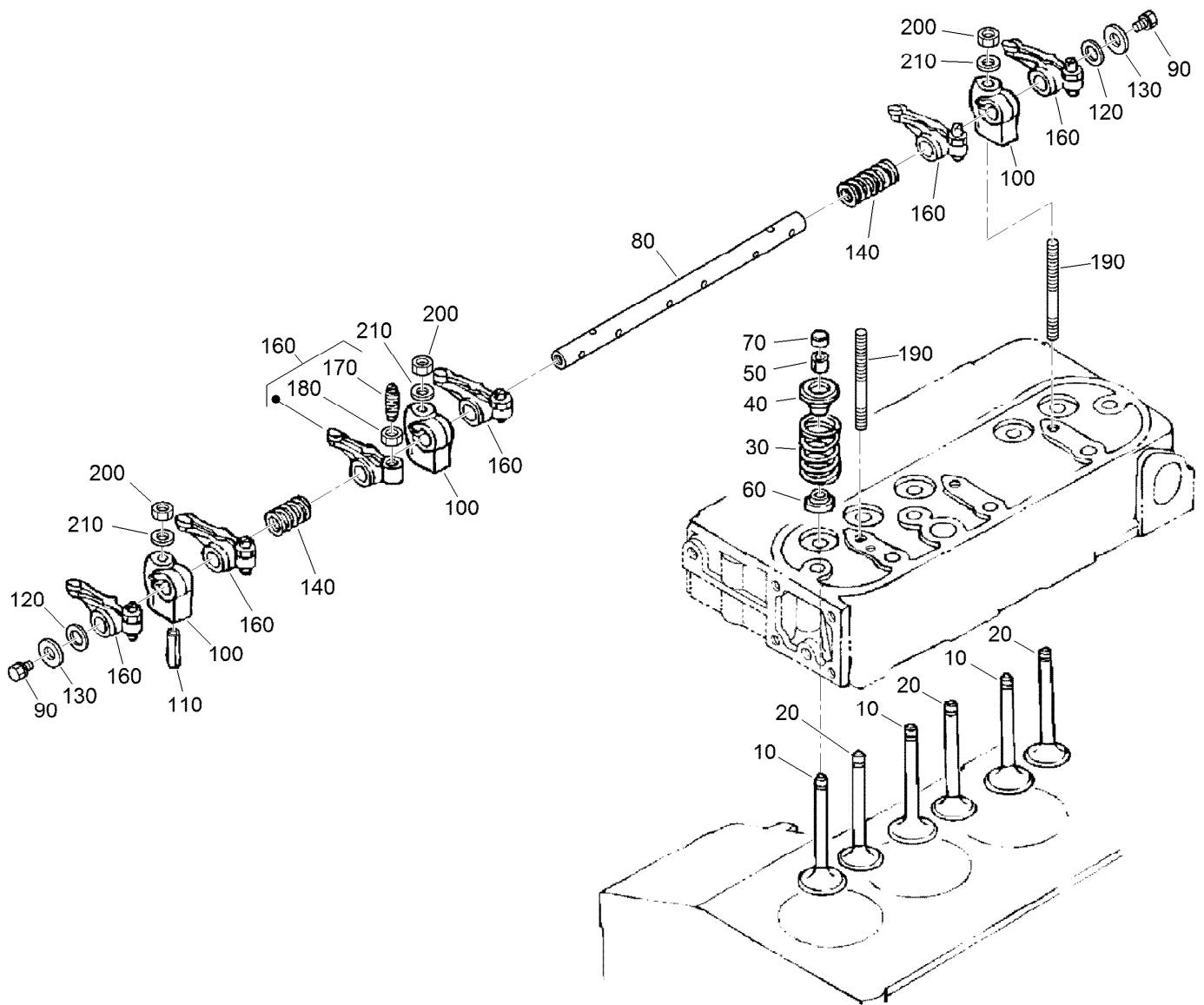
## Water Flange and Thermostat Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-9713	1	Water Flange ASM
20	98-9580	1	Pipe-Return, Water
30	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	104-4804	1	Outlet-Water
130	105-3748	1	Gasket-Thermostat
140	98-7777	2	Bolt



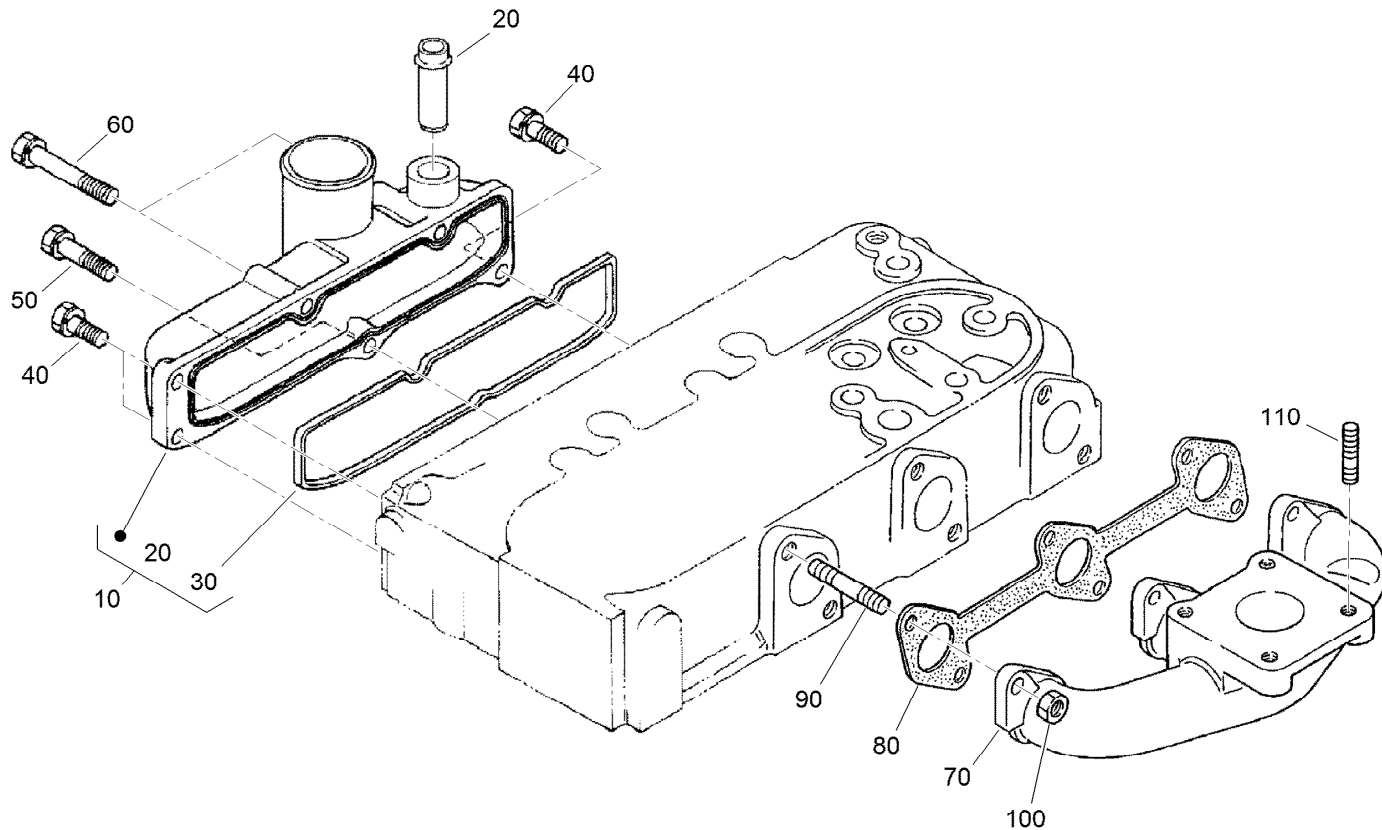
## Water Pump Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	107-9089	1	Water Pump ASM
20	99-3516	1	Flange-Pump, Water
40	105-3750	1	Mechanical Seal ASM
50	112-7017	1	Impeller-Pump, Water
60	100-1932	1	Pipe-Return, Water
70	99-3454	1	Gasket-Pump, Water
80	98-9353	4	Bolt
90	98-9357	2	Bolt
100	98-9716	1	Pipe-Water
110	107-9091	1	Pipe-Water
120	98-9717	2	Clamp



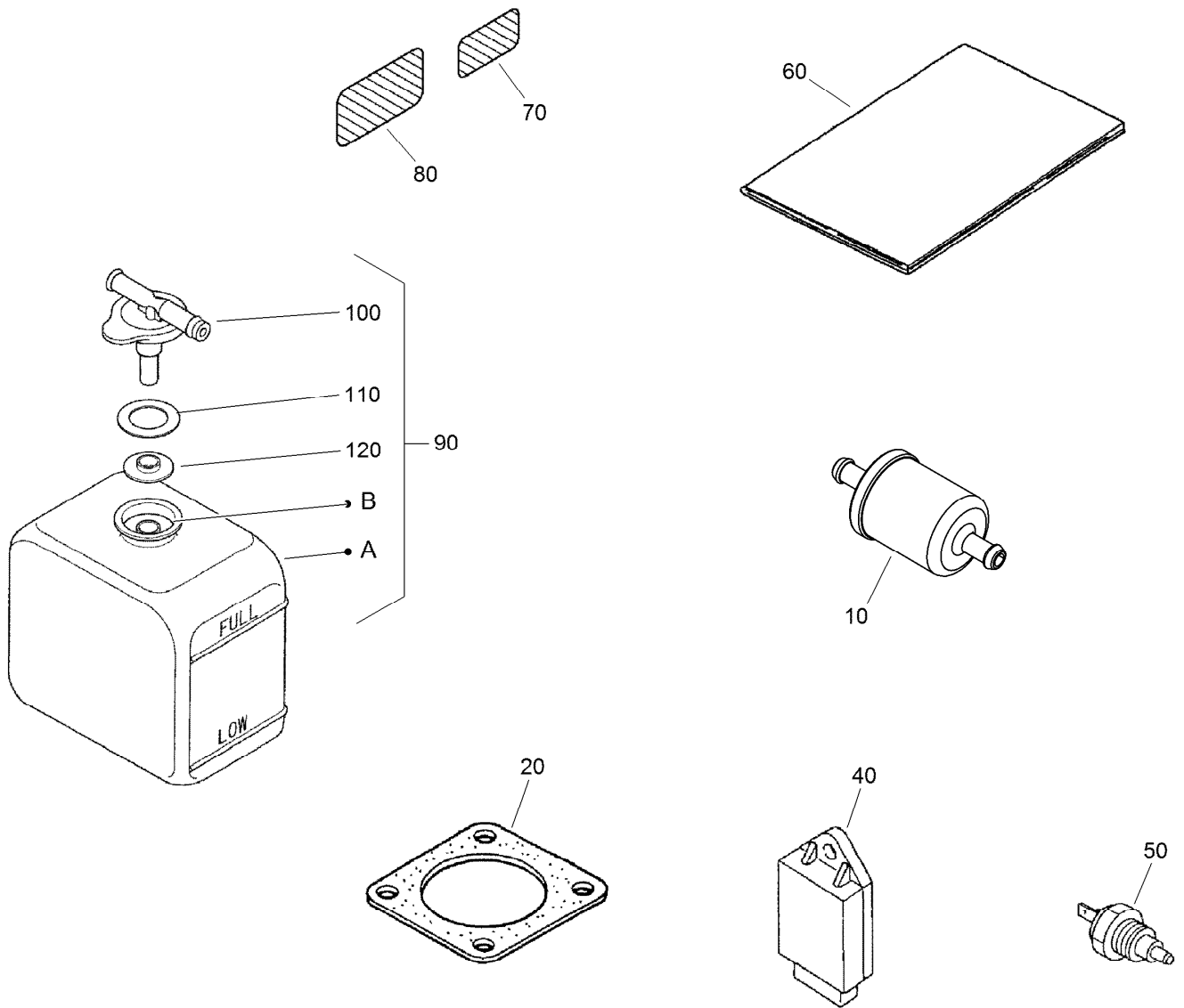
## Valve and Rocker Arm Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	120-2563	3	Valve-Inlet	110	105-3758	1	Pin-Spring
20	120-2564	3	Valve-Exhaust	120	98-9507	2	Washer-Shaft, Rocker Arm
30	98-9648	6	Spring-Valve	130	110-3832	2	Washer-Plain
40	107-9092	6	Retainer-Spring	140	98-9504	2	Spring-Arm, Rocker
50	117-7572	6	Collet-Spring, Valve	160	112-7020	6	Rocker Arm ASM
60	99-8385	6	Seal-Stem, Valve	170	98-9502	6	Screw-Adjusting
70	98-9497	6	Cap-Valve	180	98-9503	6	Nut
80	105-3790	1	R-Arm Shaft ASM	190	98-9506	3	Stud
90	100-9265	2	Bolt	200	98-9393	3	Nut
100	98-9505	3	Bracket-Arm, Rocker	210	98-9385	3	Washer-Flat



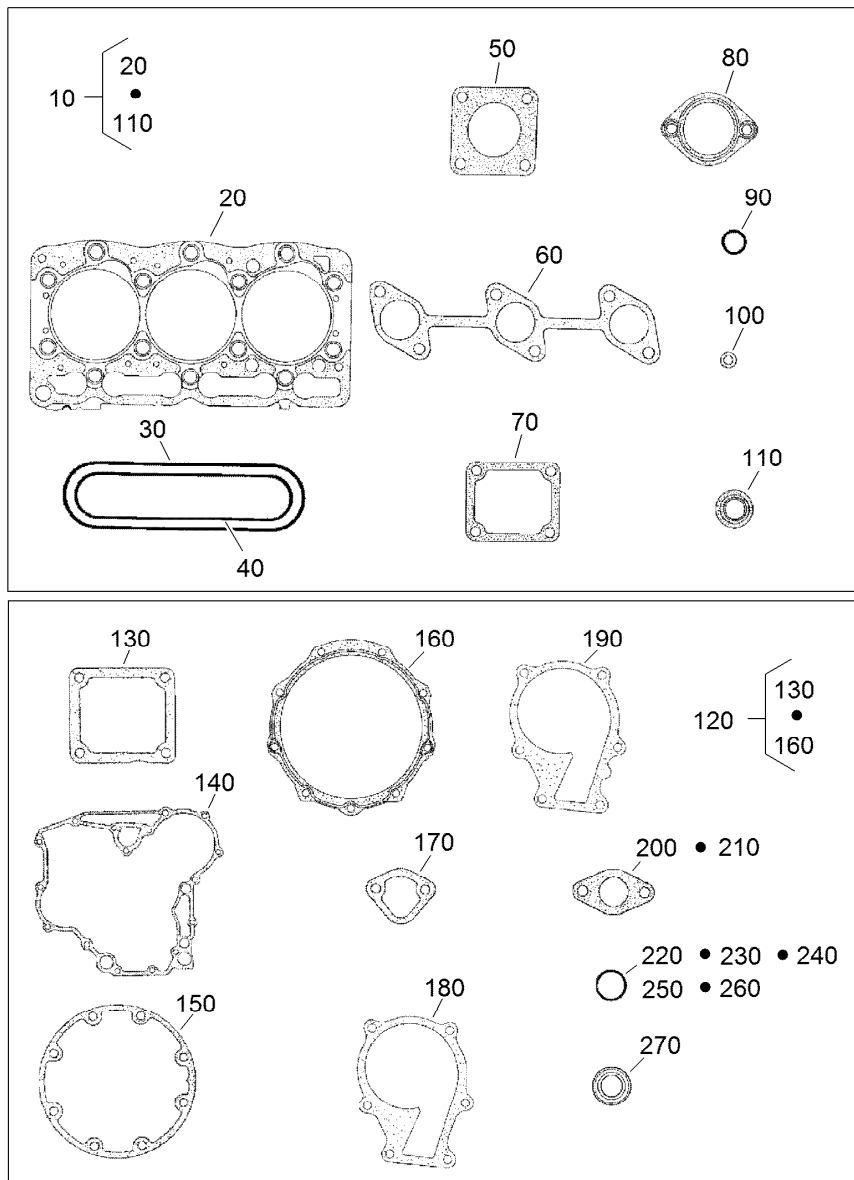
## Inlet and Exhaust Manifold Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	107-7843	1	Manifold Inlet 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



## Miscellaneous Engine Parts

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
10	98-7612	1	Filter-Fuel
20	99-8343	1	Gasket-Muffler
40	98-7611	1	Controller-Glow
50	106-7772	1	Thermoswitch
60	117-8836	1	Manual-Operator, Kubota
70	110-0806	1	Decal-Caution
80	110-3843	1	Label-Instruction
90	104-9318	1	Bottle-Overflow
100	115-4132	1	Cap
110	105-3755	1	Gasket
120	105-3756	1	Plate



## Upper and Lower Gasket Kits

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
10	107-7848	1	Upper Gasket Kit	150	98-9634	1	Gasket-Case, Bearing
20	108-6573	1	Gasket-Head, Cylinder	160	112-7037	1	Gasket-Cover, Case
30	98-9615	1	Gasket-Cover, Head	170	98-9636	1	Gasket-Pump, Fuel
40	98-9609	1	Gasket-Manifold, Inlet	180	98-9632	1	Gasket-Pump, Water
50	99-8343	1	Gasket-Muffler	190	99-3454	1	Gasket-Pump, Water
60	99-8327	1	Gasket-Manifold, Exhaust	200	98-9682	1	Gasket
70	98-9638	1	Gasket-Flange, Water	210	98-9683	1	Gasket-Cover, Solenoid
80	105-3748	1	Gasket-Thermostat	220	105-3781	2	O-Ring
90	99-3446	2	O-Ring	230	105-3777	2	O-Ring
100	98-9454	3	Gasket	240	105-3783	1	O-Ring
110	99-8385	6	Seal-Stem, Valve	250	105-3776	1	O-Ring
120	107-9095	1	Lower Gasket Kit	260	105-3788	1	O-Ring
130	98-9637	1	Gasket	270	98-7601	1	Seal-Oil
140	98-9633	1	Gasket-Case, Gear				

# Attachments and Accessories

## For 30849 Groundsmaster 3505-D Traction Unit

<b>Product Name</b>	<b>Model/Part</b>
Blade-High Lift .....	104-5183
Blade-Angle Sail .....	105-9810-03
Blade-Atomic .....	107-0235-03
27in Blade Service Pack (qty 6) .....	108-1462
Blade-Combo.....	108-9026-03
Sectional Roller Assembly .....	117-5121
400-hour Filter Maintenance MVP Kit .....	30058
400-hour Filter Maintenance MVP Kit .....	30090
Premium Seat Kit.....	30629
27in Rotary Cutting Unit.....	30834
Leaf Mulching Kit .....	30836
Work Light Kit .....	30841



**Count on it.**