Form No. 3431-478 Rev C

TORO®

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Parts Catalog

Reelmaster® 3100-D

Traction Unit With Sidewinder®

Model No. 03171—Serial No. 404680001 and Up

Register at www.Toro.com.
Original Instructions (EN)

CE

3431-478 C

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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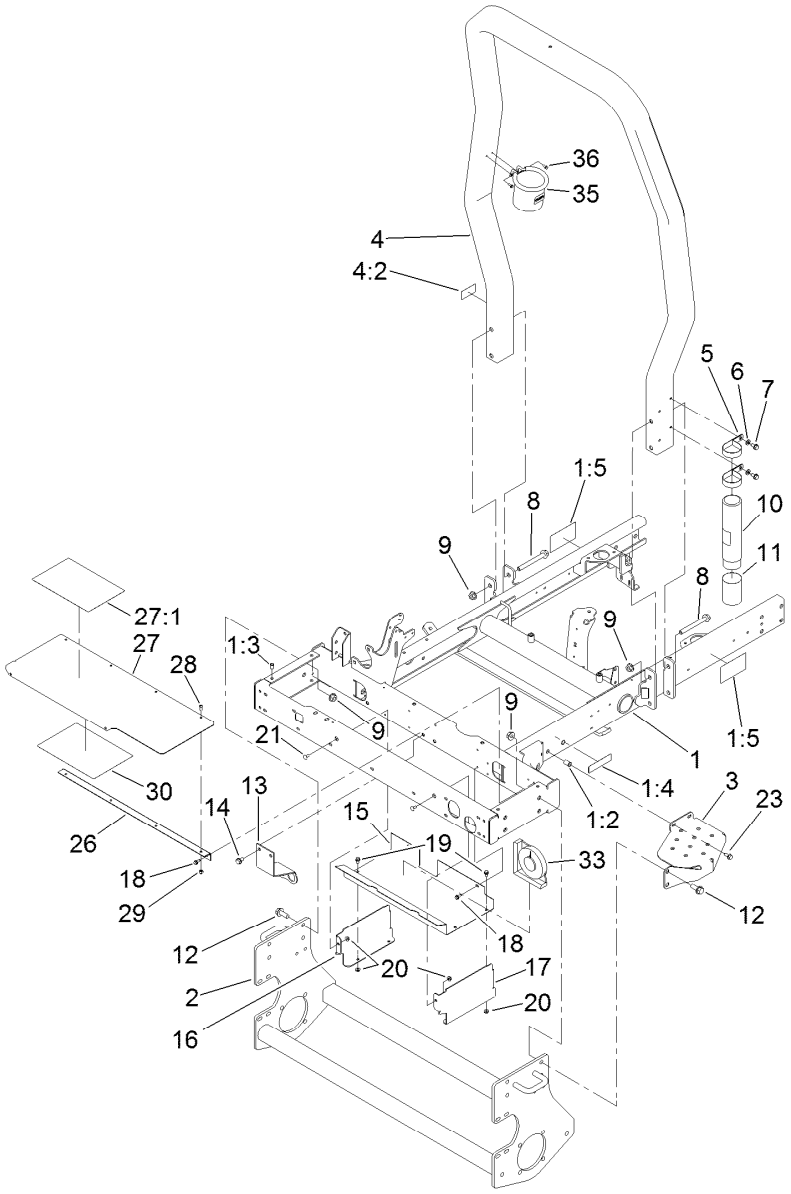
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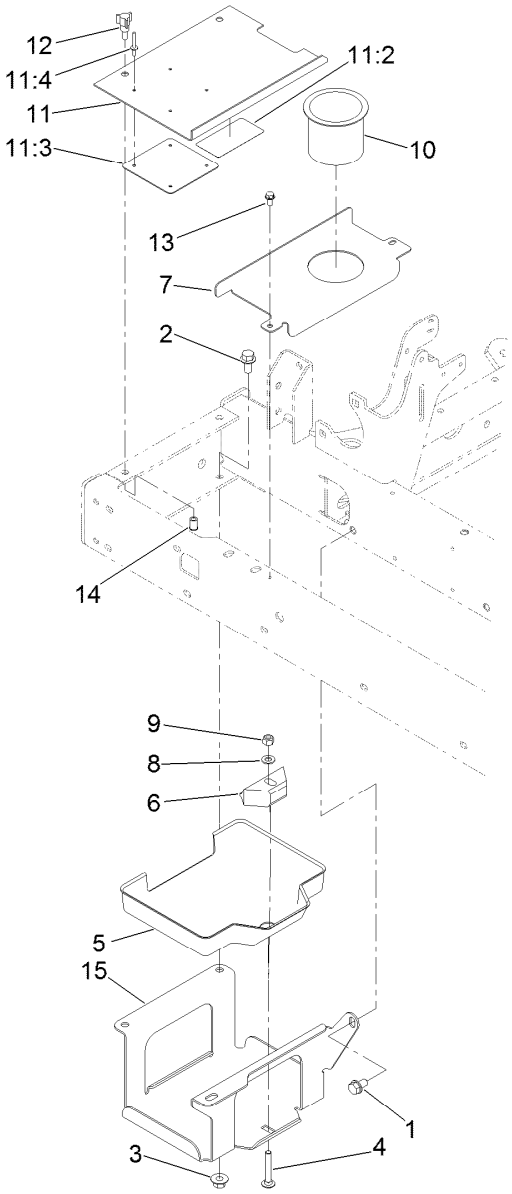
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Frame and Platform Assembly

Ref.	Part Number	Qty.	Description
1	121-3639	1	Frame ASM W/Decals
1:2	32148-8	2	Nut-Clinch
1:3	32148-6	2	Nut-Clinch
1:4	133-8062	1	Decal-Arrestor, Spark
1:5	117-3270	2	Decal-Danger
2	95-8568-03	1	Frame-Lower
3	99-3375-03	1	Step
4	127-8493	1	ROPS ASM
4:2	127-8596	1	Decal-ROPS
5	2412-133	2	Clamp-R
6	3256-23	2	Washer-Plain
7	32144-70	2	Screw-HWHTF
8	117-3176	4	Screw-HHF
9	32128-49	12	Nut-HHF
10	104-7050	1	Tube-Manual
11	104-7048	1	Cap-Housing
12	3234-38	8	Screw-HHF
13	115-3417-03	1	Bracket-Bulkhead, Scissor

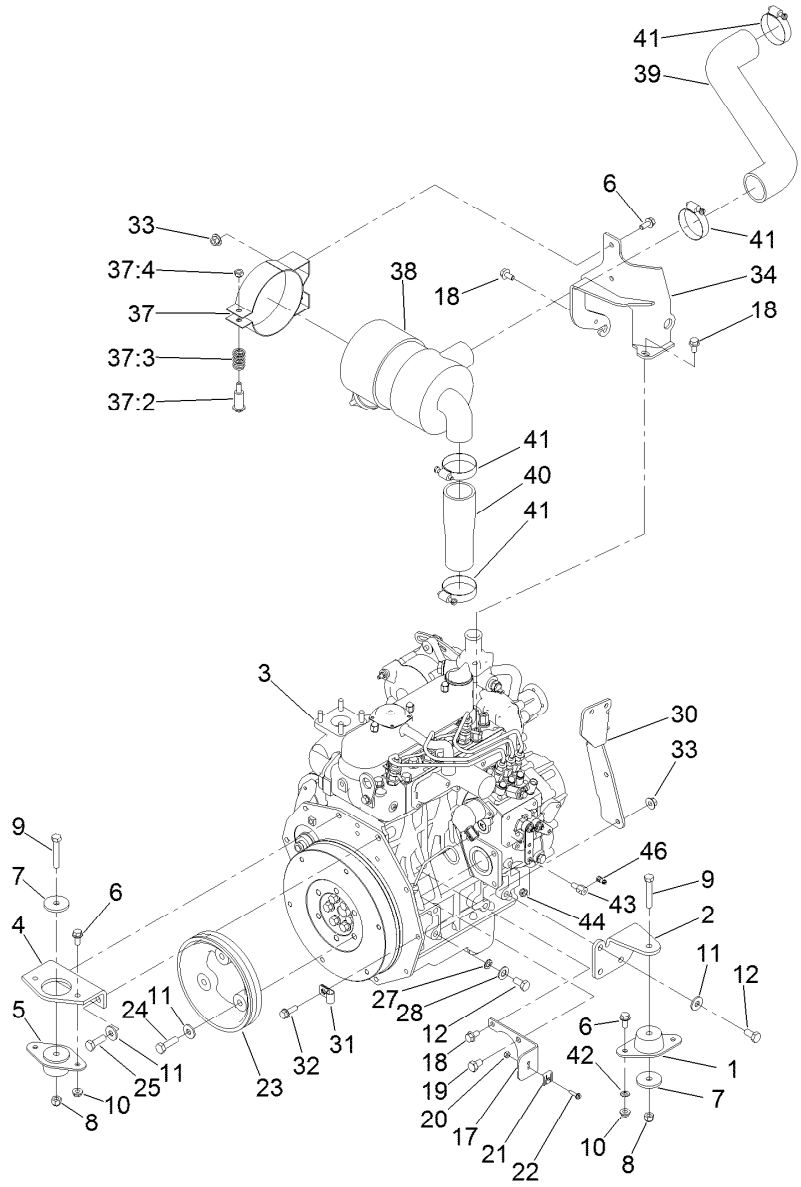
Ref.	Part Number	Qty.	Description
14	32144-15	2	Screw-HHFTF
15	99-3430-03	1	Bottom-Toolbox
16	99-3431-03	1	End-Toolbox, RH
17	99-3432-03	1	End-Toolbox, LH
18	32144-10	9	Screw-HWH
19	3234-13	4	Screw-HHF
20	32128-33	6	Nut-HF
21	3229-11	2	Screw-CARR
23	3234-5	2	Screw-HHF
26	119-2034	1	Hinge-Toolbox
27	119-2029	1	Toolbox Cover ASM
27:1	121-3623	1	Decal-Danger
28	119-6906	4	Screw-HSBH
29	3296-42	4	Nut-Lock, NI
30	138-6979	1	Decal-Service
33	99-3503	1	Indicator-Angle
35	117-2378	1	Holder-Bag
36	32144-1	2	Screw-Taptite



Battery Tray and Cover Assembly

Ref.	Part Number	Qty.	Description
1	32144-15	1	Screw-HHFTF
2	3234-1	3	Screw-HHF
3	32128-43	3	Nut-Flange
4	3230-6	1	Bolt-CARR
5	99-3513	1	Tray-Battery
6	66-2490	1	Retainer-Battery
7	95-8817-01	1	Cover-Battery, Inner
8	3256-23	1	Washer-Plain
9	3296-29	1	Nut-Lock, NI

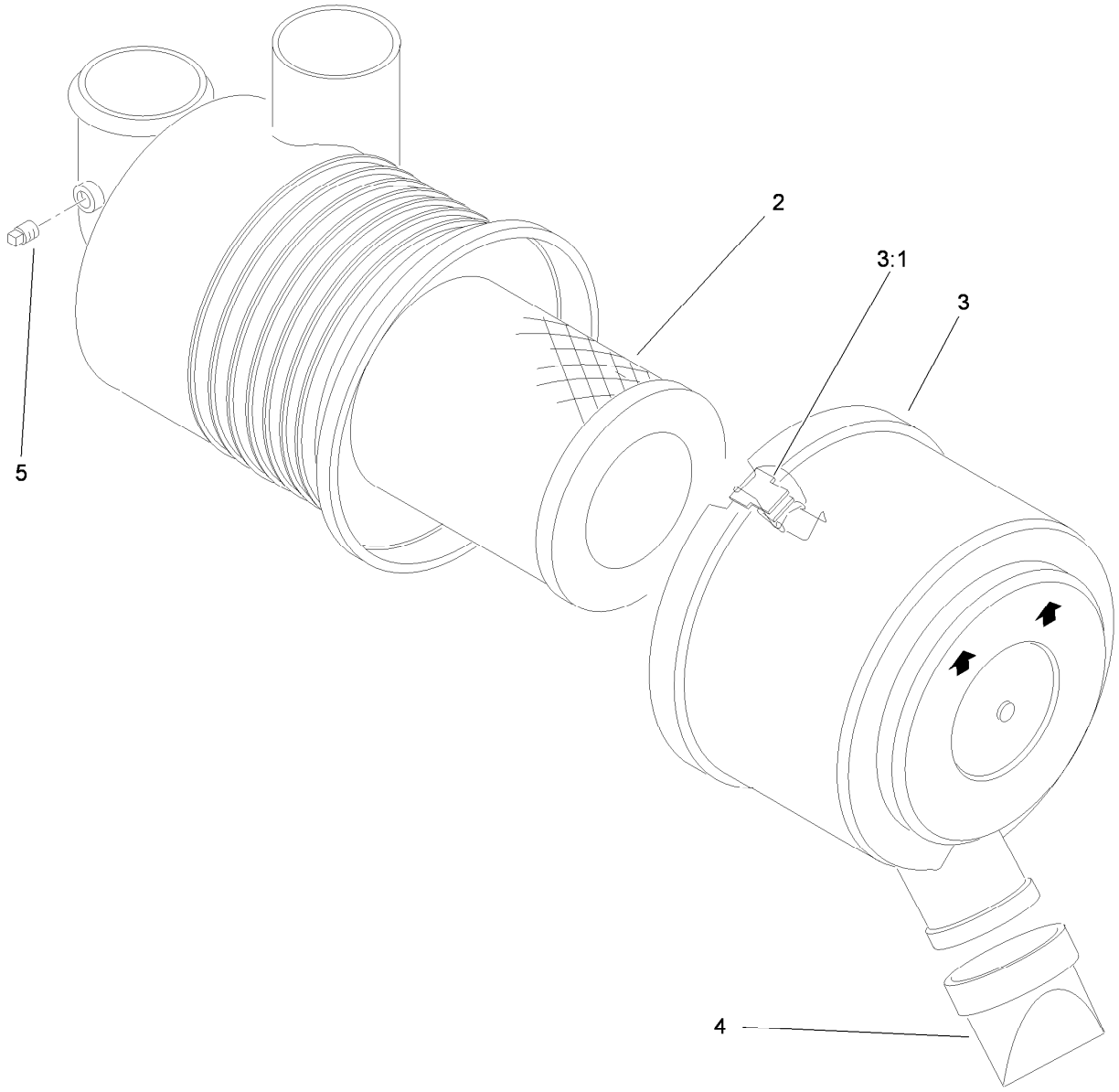
Ref.	Part Number	Qty.	Description
10	94-1410	1	Holder-Can, Beverage
11	99-3602	1	Battery Cover ASM
11:2	93-7276	1	Decal-Danger
11:3	87-7620	1	Shield-Terminal, Battery
11:4	3269-27	4	Rivet-Snap
12	233-70	2	Knob-Star, Three
13	32144-4	2	Screw-HWH
14	32148-6	2	Nut-Clinch
15	95-8796-03	1	Support-Battery



Engine Assembly

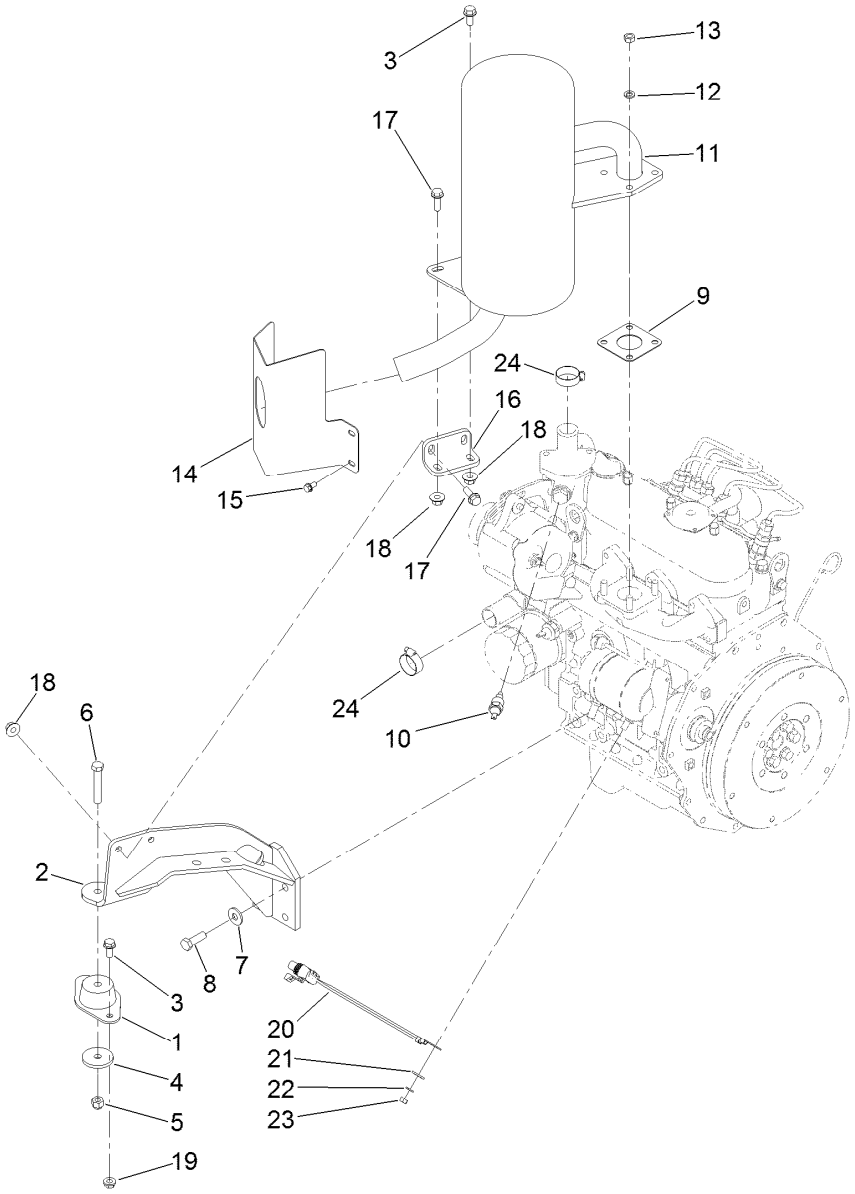
Ref.	Part Number	Qty.	Description
1	121-9076	1	Mount-Engine
2	95-8937-03	1	Mount-Engine, LH
3	138-6905	1	Engine-Kubota, D1105
4	95-8926-03	1	Mount-Engine, Front
5	93-5265	1	Mount-Engine
6	3234-5	7	Screw-HHF
7	80-8560	2	Washer-Hardened
8	3296-39	2	Nut-Lock, NI
9	323-11	2	Screw-HH
10	32128-20	4	Nut-HF
11	80-6990	7	Washer-Hardened
12	63-7790	4	Screw-Cap
17	110-9009-03	1	Bracket-Cable, Throttle
18	33104-016	4	Screw-HHF
19	70-8470	1	Screw-HH
20	3296-2	1	Nut-Lock, NI
21	81-1690	1	Clamp-Cable
22	32105-13	1	Screw-HWH
23	99-3412-03	1	Pulley
24	56-2140	3	Screw-HH
25	95-8812	1	Screw-HH

Ref.	Part Number	Qty.	Description
27	3255-9	1	Washer-Lock
28	3256-25	1	Washer-Flat
30	115-3487-03	1	Bracket-Mount, Fuel Filter
31	2412-10	1	Clamp-R
32	3234-17	1	Screw-HHF
33	32128-44	4	Nut
34	136-3154-03	1	Bracket
37	93-2191	1	Air Cleaner Mounting Band ASM
37:2	94-3653	1	Bolt
37:3	94-3654	1	Spring
37:4	48-9510	1	*obs* Nut
38	93-2190	1	Air Cleaner ASM
39	95-8946	1	Hose-Upper, Air Inlet
40	95-8947	1	Hose-Air Inlet, Lower
41	2412-92	4	Clamp-Hose
42	3255-8	1	Washer-Lock
43	98-9311	1	Swivel-Throttle
44	3296-20	1	Nut-Lock, NI
46	112-9919	1	Stop-Cable, Throttle



Air Cleaner Assembly No. 93-2190

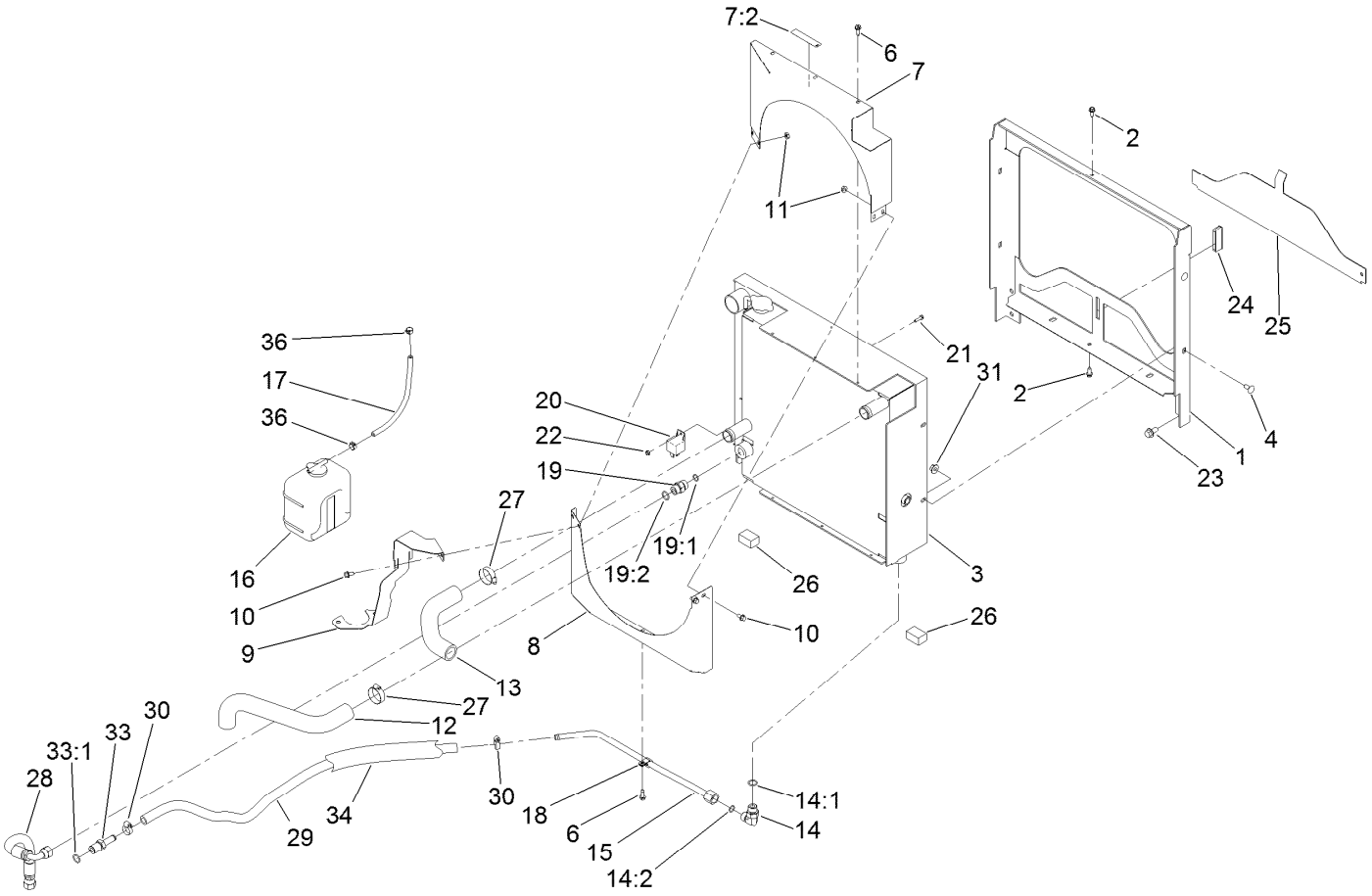
Ref.	*Part Number*	*Qty.*	*Description*
2	108-3811	1	Filter-Air
3	94-3652	1	Cover ASM
3:1	1-643283	2	Latch-Cleaner, Air
4	87-9400	1	Valve-Vacuator
5	285-17	1	Plug-Pipe



Muffler, Muffler Guard and Engine Mount Assembly

Ref.	Part Number	Qty.	Description
1	121-9076	1	Mount-Engine
2	100-4838-03	1	Mount-Engine
3	3234-5	3	Screw-HHF
4	80-8560	1	Washer-Hardened
5	3296-39	1	Nut-Lock, NI
6	323-11	1	Screw-HH
7	80-6990	4	Washer-Hardened
8	95-8812	4	Screw-HH
9	98-9611	1	Gasket
10	99-3582	1	Thermoswitch
11	104-4834	1	Muffler
12	3253-4	4	Washer-Lock

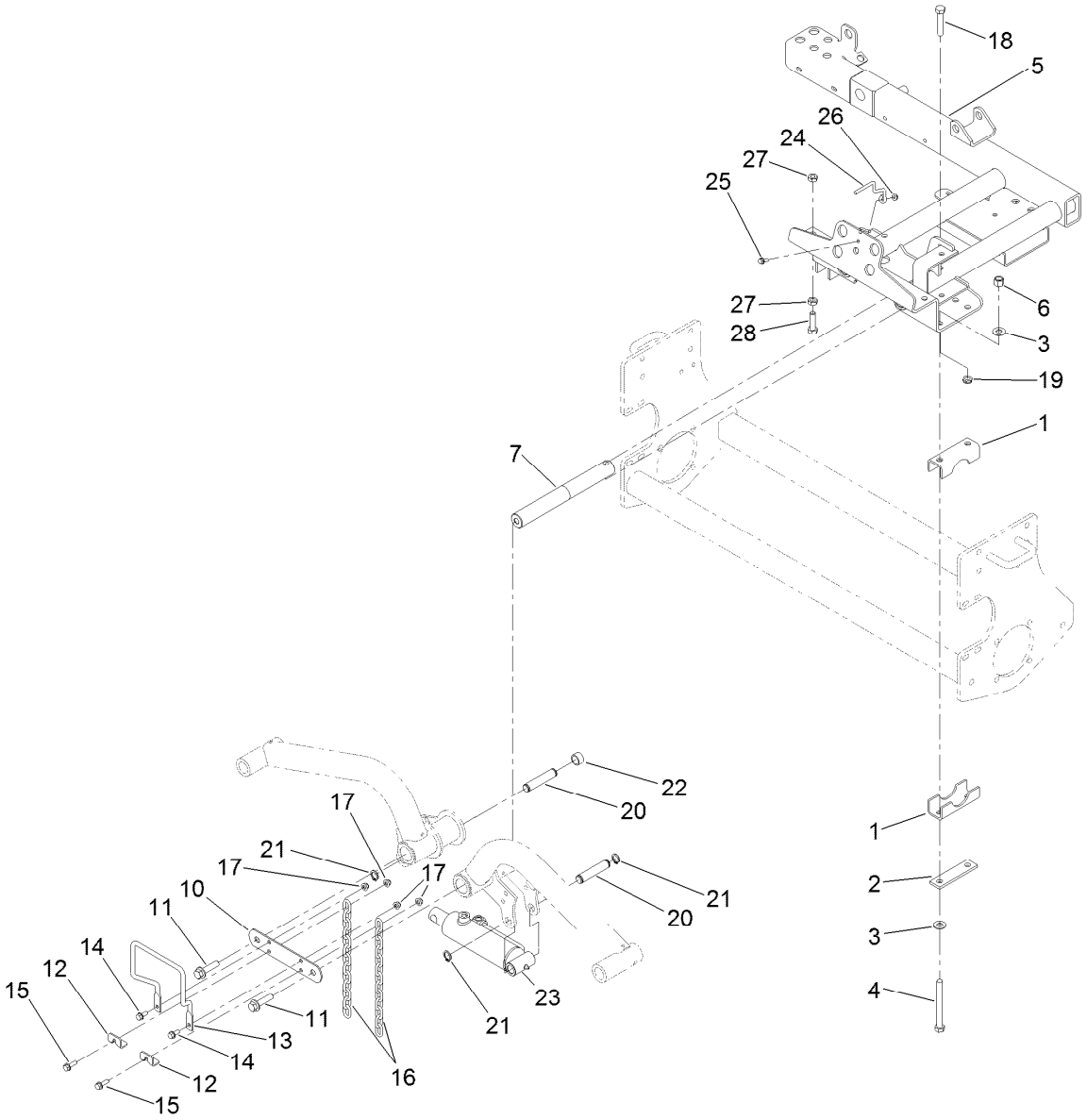
Ref.	Part Number	Qty.	Description
13	33014-00	4	Nut-Hex
14	99-3425-03	1	Guard-Exhaust
15	32144-4	4	Screw-HWH
16	95-8943-03	1	Bracket-Muffler
17	3234-17	3	Screw-HHF
18	32128-44	4	Nut
19	32128-20	2	Nut-HF
20	99-3441	1	Harness-Wire, Fusible Link
21	3256-78	1	Washer-Flat
22	43-5930	1	Washer-Lock, Spring
23	48-7890	1	Nut-Hex
24	2412-34	2	Clamp-Hose



Radiator Assembly

Ref.	Part Number	Qty.	Description
1	100-4903-03	1	Frame-Radiator
2	119-2038	2	Screw-HWH
3	120-3392	1	Radiator/Oil Cooler
4	3230-1	4	Bolt-CARR
6	32104-95	6	Screw-HWH
7	121-3584	1	Shroud-Fan, Top
7:2	93-6681	1	Decal-Warning, Fan
8	121-6254-03	1	Shroud-Fan, Bottom
9	121-3604-03	1	Bracket-Mounting, Reservoir
10	3234-13	4	Screw-HHF
11	32128-33	4	Nut-HF
12	121-3571	1	Hose-Radiator,Upper
13	119-6748	1	Hose-Radiator, Lower
14	340-98	1	Fitting-Elbow, 90 DEG
14:1	237-79	1	O-Ring
14:2	237-30	1	O-Ring
15	121-3572	1	Tube-HYD
16	108-0638	1	Bottle-Overflow
17	110-4105	1	Hose-Fuel

Ref.	Part Number	Qty.	Description
18	2412-73	2	Clamp-R
19	340-4	1	Fitting-Straight
19:1	237-30	1	O-Ring
19:2	237-79	1	O-Ring
20	99-7435	1	Relay
21	32105-13	1	Screw-HWH
22	3296-2	1	Nut-Lock, NI
23	3234-1	4	Screw-HHF
24	99-3497	1	Magnet
25	95-8702-03	1	Shield-Radiator, Lower
26	95-8962	2	Seal-Foam, Radiator
27	2412-34	2	Clamp-Hose
28	104-2806	1	Hose-HYD
29	93-6804	1	Hose
30	2412-36	2	Clamp-Hose
31	32128-44	4	Nut
33	354-121	1	Fitting-STR
33:1	237-79	1	O-Ring
34	56-7985	1	Sleeve-Protective
36	92-2379	2	Clamp-Hose

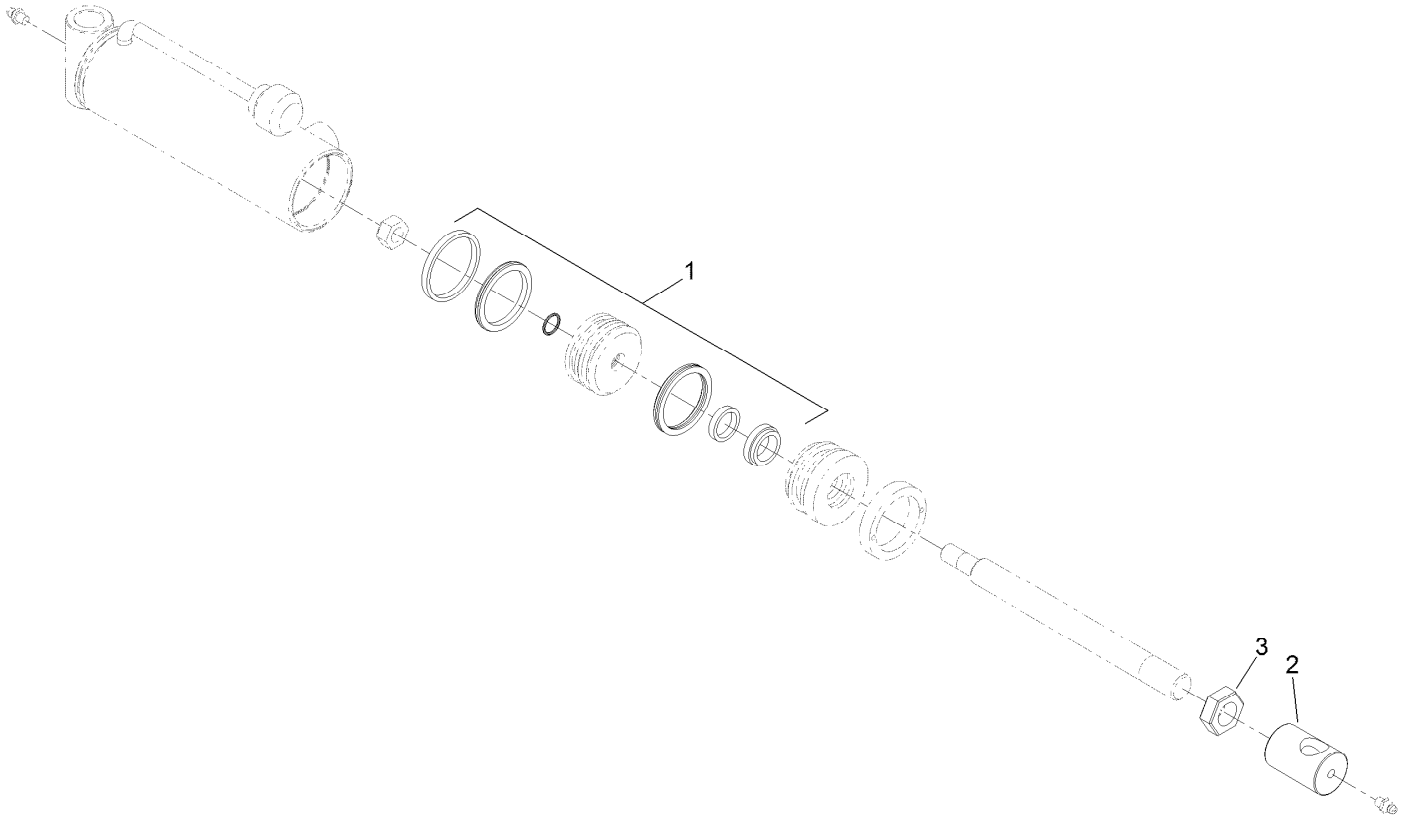


Carrier Assembly

Ref.	Part Number	Qty.	Description
1	104-4865	8	Cap-Bearing
2	99-3373	4	Bar-Support, Slide
3	87-7270	16	Washer-Thrust
4	325-19	8	Screw-HH
5	100-4930-03	1	Carrier ASM
6	3296-23	8	Nut-Lock, NI
7	95-8531	2	Shaft-Pivot, Liftarm
10	95-8532-03	1	Link-Shaft, Pivot
11	3234-27	2	Screw-HHF
12	99-3550	2	Clip-Link
13	99-3492	1	Rod-Formed, Hose Guard
14	3234-5	2	Screw-HHF
15	3234-17	4	Screw-HHF
16	98-7981	2	Chain-Link, Straight

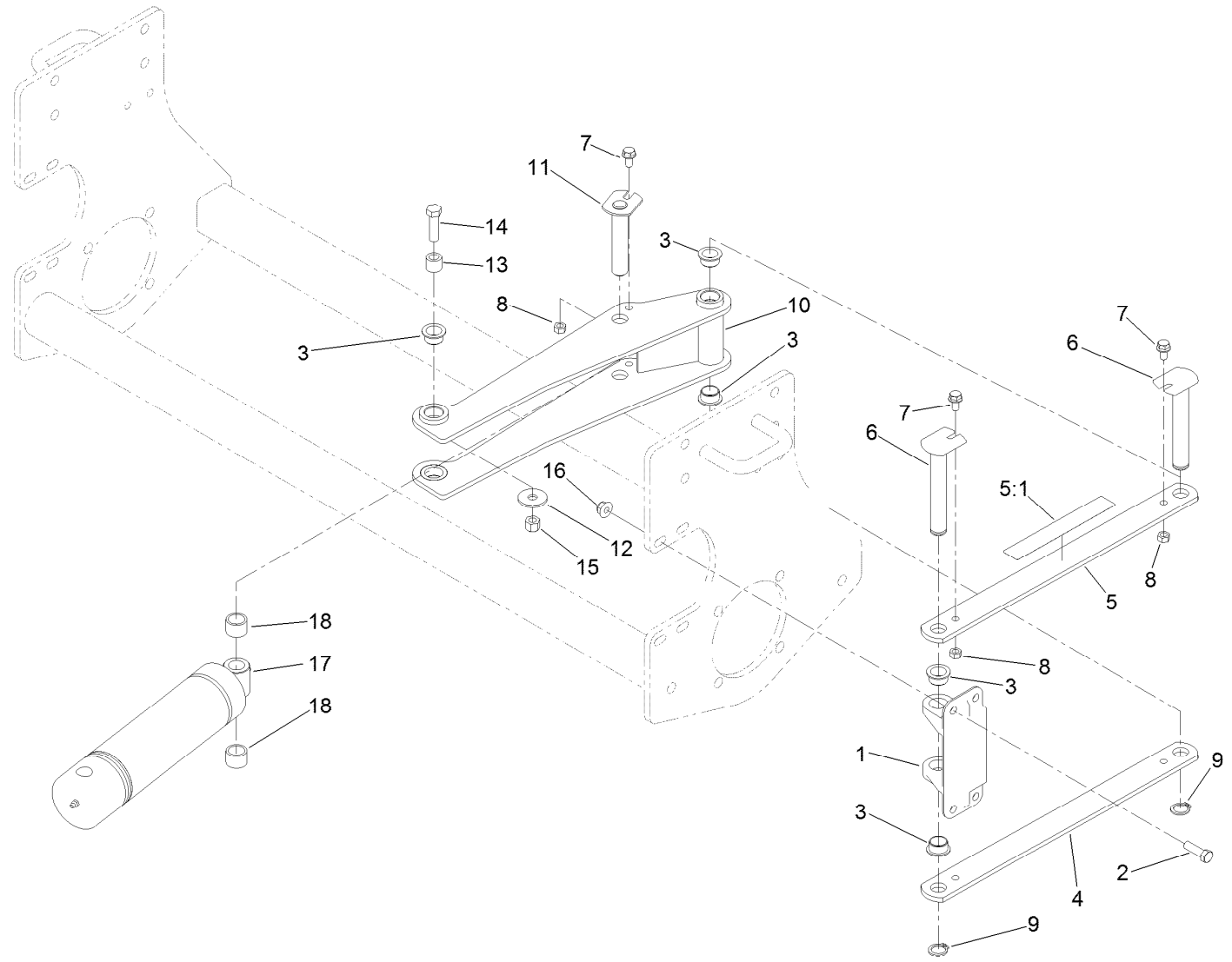
Ref.	Part Number	Qty.	Description
17	104-8300	6	Nut-HF, NI
18	325-10	2	Screw-HH
19	3296-45	2	Nut-Hex
20	95-8575	2	Pin-Clevis
21	32120-93	4	Ring-Retaining
22	75-9590	2	Spacer-Cylinder
23	117-5109	1	HYD Cylinder ASM
24	99-3433	1	Wire-Center
25	3234-4	1	Screw-HHF
26	32128-33	1	Nut-HF
27	3218-5	4	Nut-Jam
28	325-7	2	Screw-HH
99	3290-378	1	Tie-Cable ●

● Not illustrated



Hydraulic Cylinder Assembly No. 117-5109

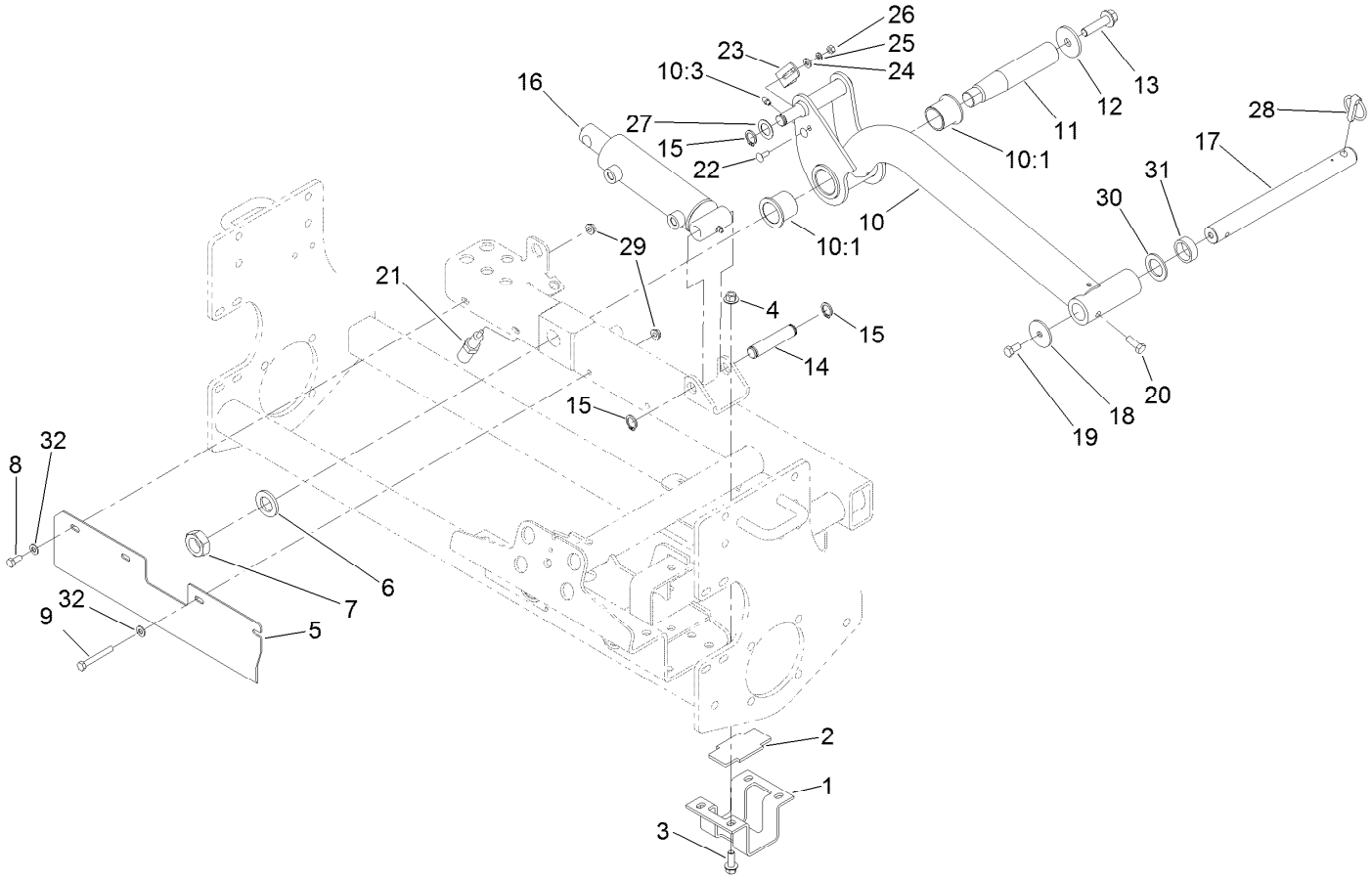
Ref.	*Part Number*	*Qty.*	*Description*
1	115-3410	1	Seal Kit
2	108-9035	1	Clevis
3	3220-7	1	Nut-Jam



Scissor Assembly

Ref.	Part Number	Qty.	Description
1	95-8883	1	Mount-Scissor
2	323-7	4	Screw-HH
3	95-8526	6	Bushing-Plastic
4	95-8527-03	1	Link-Scissor
5	99-3505	1	Scissors Link ASM
5:1	94-3353	1	Decal-Pinch Point, Intl
6	125-1914	2	Pin-Pivot
7	3234-14	3	Screw-HHF
8	32152-1	3	Nut-Lock, Cone
9	32120-93	2	Ring-Retaining

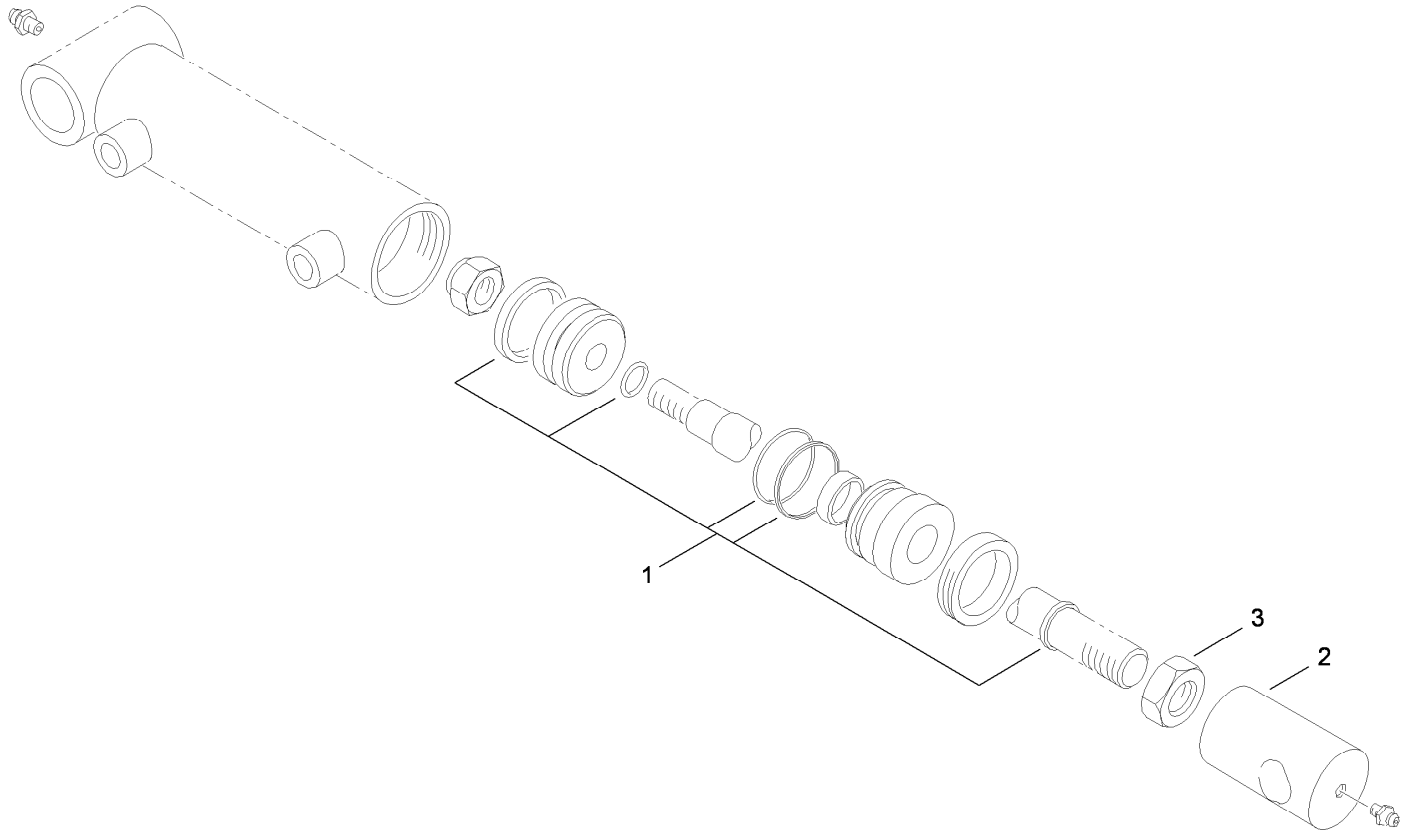
Ref.	Part Number	Qty.	Description
10	95-8521-03	1	Frame-Scissor
11	120-3199	1	Pin-Pivot
12	87-5330	2	Washer
13	95-8603	2	Spacer
14	324-6	2	Screw-HH
15	3296-48	2	Nut-Hex
16	104-8301	4	Nut-HF, NI
17	121-3654	1	Cylinder-HYD
18	46-6350	2	Spacer



Rear Lift Arm Assembly

Ref.	Part Number	Qty.	Description
1	95-8519-03	1	Bracket-Slide
2	95-8538	2	Slide-Plastic
3	3234-11	4	Screw-HHF
4	32128-43	4	Nut-Flange
5	121-3616-03	1	Guard
6	86-1480	1	Washer
7	3220-9	1	Nut-Jam
8	322-3	2	Screw-HH
9	322-12	2	Screw-HH
10	115-3475	1	Rear Liftarm ASM
10:1	69-6470	2	Bushing-Caster
10:3	302-5	1	Fitting-Grease
11	95-8990	1	Shaft-Pivot, Rear
12	75-7730	1	Washer-Thrust
13	3234-27	1	Screw-HHF
14	95-8575	1	Pin-Clevis
15	32120-93	3	Ring-Retaining

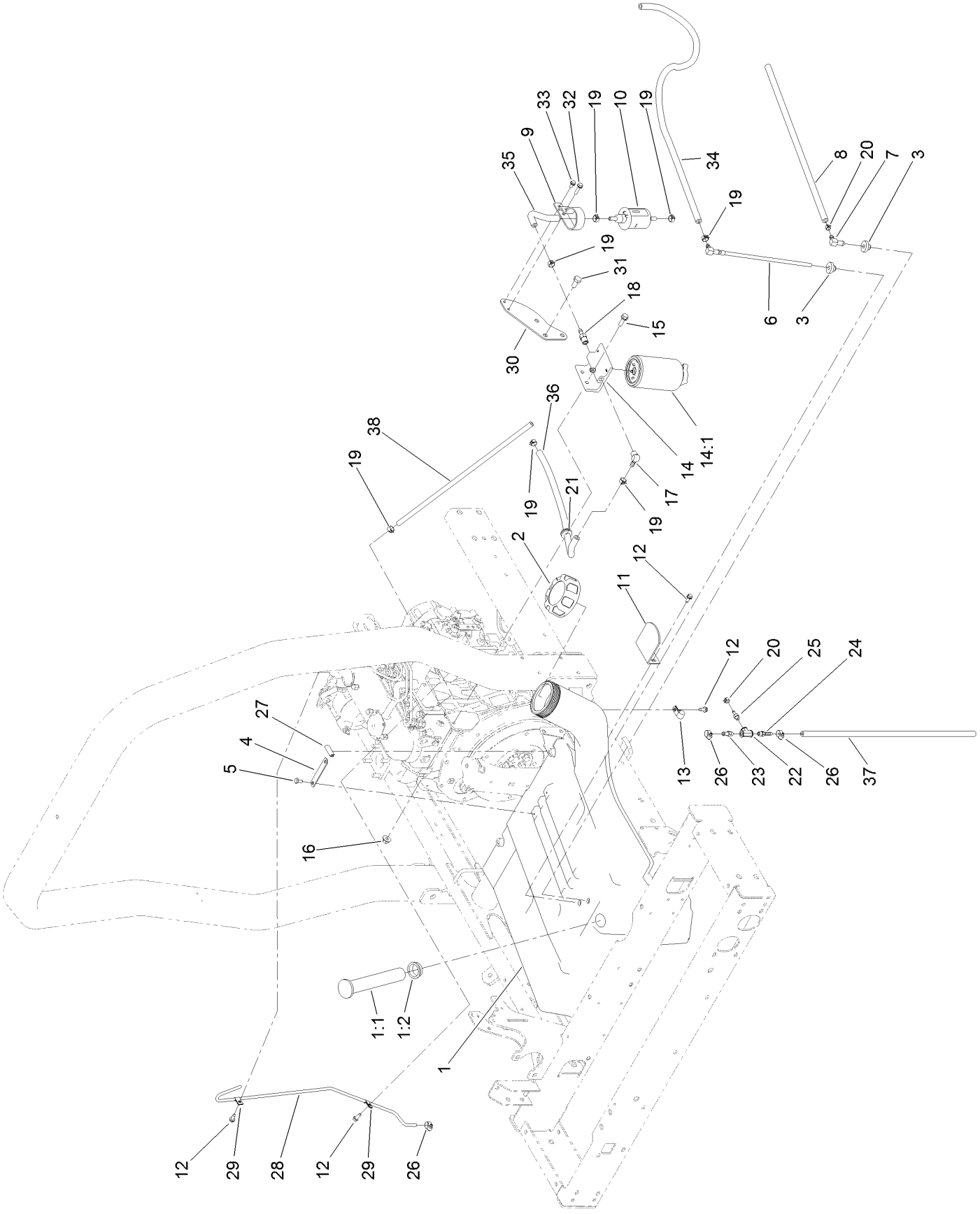
Ref.	Part Number	Qty.	Description
16	112-9916	1	HYD Cylinder ASM
17	104-1392	1	Shaft-Pivot
18	63-7400	1	Washer-Rebound
19	323-4	1	Screw-HH
20	323-6	1	Screw-HH
21	93-6762	1	Switch-Ball
22	3229-1	2	Screw-CARR
23	95-8613	1	Bracket-Switch
24	3256-22	2	Washer-Flat
25	3253-3	2	Washer-Lock
26	3217-5	2	Nut-Hex
27	3-6498	1	Washer-Thrust
28	283-71	1	Pin-Lynch
29	32128-20	4	Nut-HF
30	3-6781	1	Washer-Flat
31	63-0070	1	Spacer
32	3256-23	4	Washer-Plain



Hydraulic Cylinder Assembly No. 112-9916

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

Fuel System Assembly

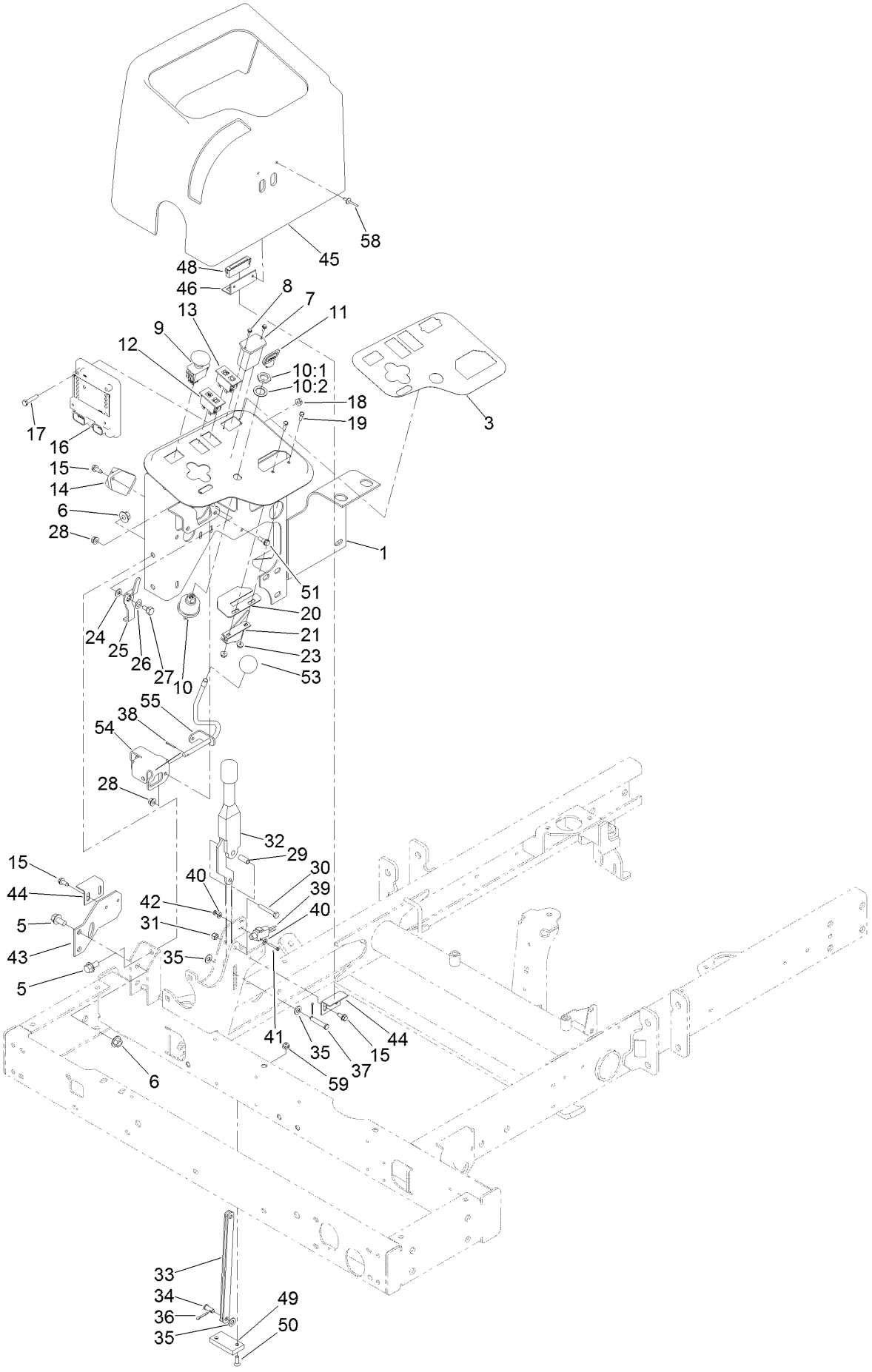


Fuel System Assembly (continued)

Ref.	Part Number	Qty.	Description
1	95-8620	1	Tank-Fuel
1:1	95-8971	1	Gauge-Fuel
1:2	95-8972	1	Grommet
2	114-5064	1	Cap-Diesel
3	46-6560	2	Bushing
4	95-8881	1	Strap-Line, Fuel
5	321-2	2	Screw-HH
6	110-9689	1	Pipe-Stand
7	46-6550	1	Fitting-Elbow, 90 DEG
8	110-6187	1	Hose-Fuel
9	110-8817	1	Bracket-Pump, Fuel
10	110-8806	1	Pump-Fuel
11	95-8968-03	1	Support-Tank, Fuel
12	32144-10	5	Screw-HWH
13	2412-73	1	Clamp-R
14	110-9044	1	Separator-Filter
14:1	110-9049	1	Filter-Spin On, Fuel/Water
15	3234-17	2	Screw-HHF
16	32128-44	2	Nut
17	353-781	1	Fitting-HYD, 90
18	353-783	1	Fitting-STR
19	92-2379	7	Clamp-Hose
20	2412-80	2	Clamp-Hose
21	1-543296	1	Grommet
22	354-20	1	Fitting-Tee
23	354-21	1	Fitting-Barbed
24	304-73	1	Fitting-Straight
25	354-22	1	Fitting-Barbed
26	2412-108	3	Clamp-Worm
27	110-8754	1	Trim
28	95-8615	1	Tube-Breather
29	2412-72	2	Clip-Closed, Insulated
30	120-2182-03	1	Plate-Mount, Fuel Pump
31	63-7790	3	Screw-Cap
32	32144-86	1	Screw-HWHTF
33	32144-4	1	Screw-HWH
34	121-7914	1	Hose-Fuel
35	117-4026	1	Hose-Fuel
36	121-7852	1	Hose-Fuel
37	110-5701	1	Hose-Fuel
38	110-8751	1	Hose-Fuel
99	3290-378	1	Tie-Cable ●
99	3290-379	1	Tie-Cable ●

● Not illustrated

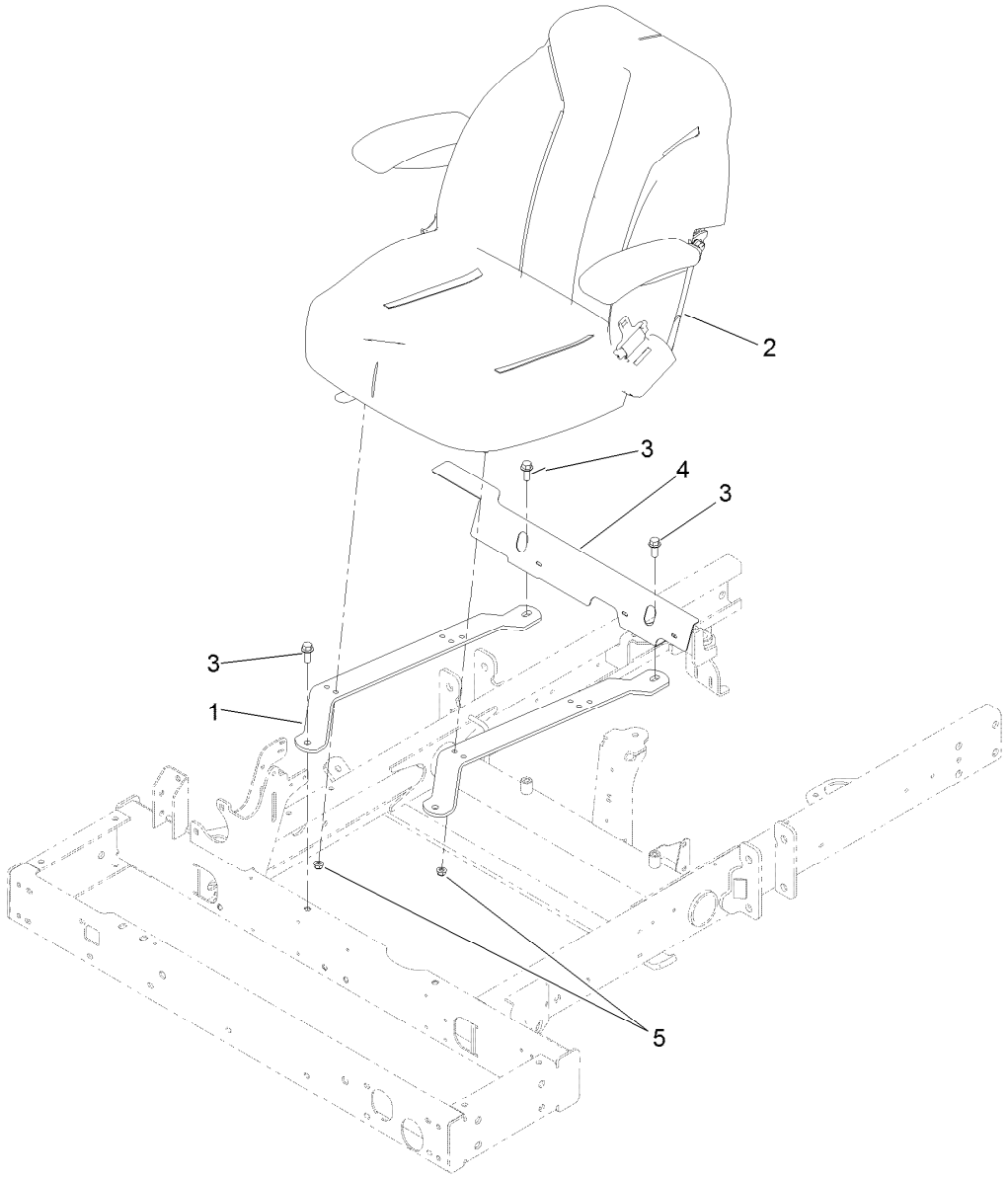
Control Panel Assembly



Control Panel Assembly (continued)

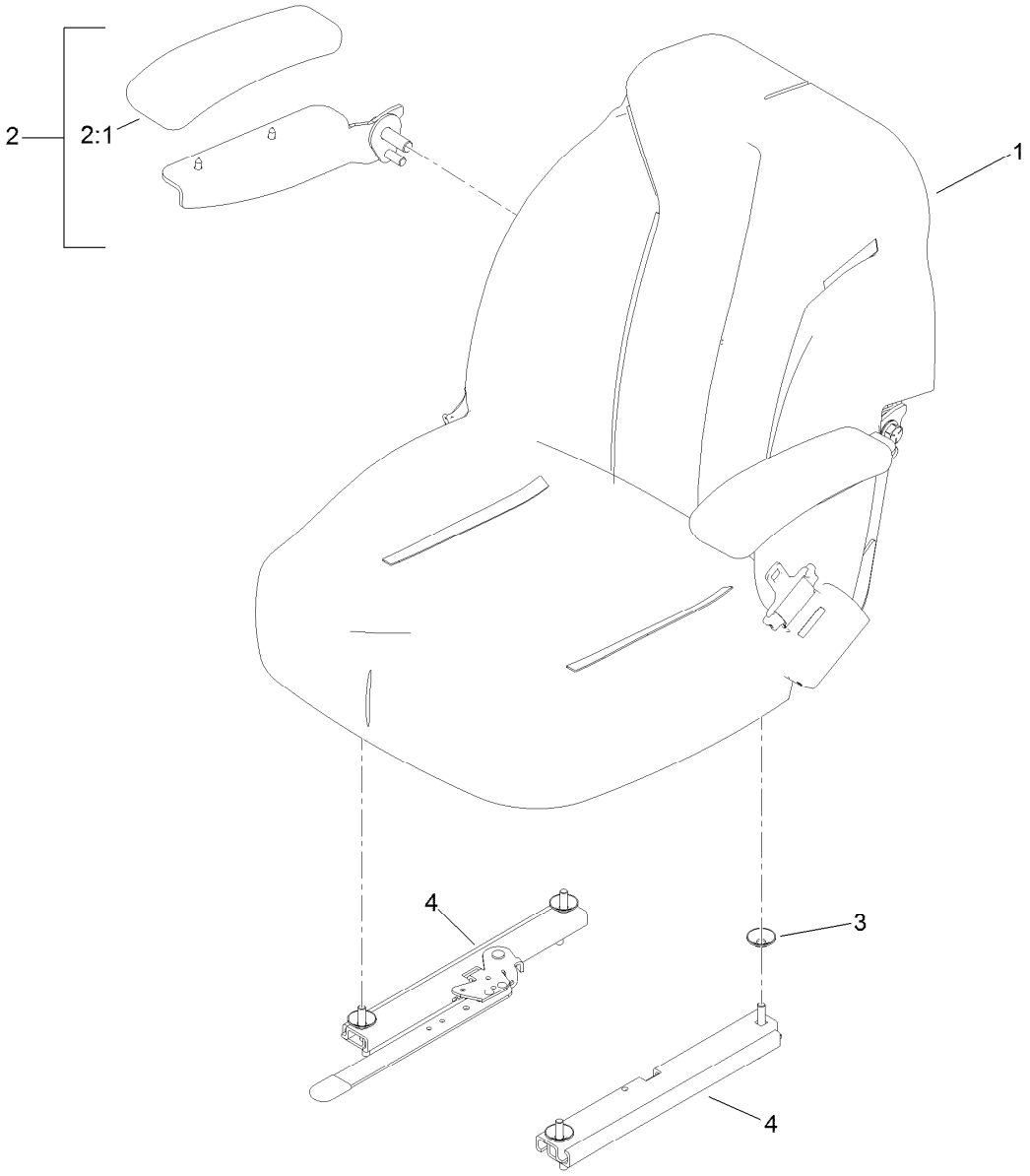
Ref.	Part Number	Qty.	Description
1	115-3496-03	1	Panel-Control
3	121-3620	1	Decal-Console
5	3234-1	7	Screw-HHF
6	32128-43	7	Nut-Flange
7	75-6820	1	Hourmeter
8	32144-18	2	Screw-HWH
9	93-9999	1	Switch-PTO
10	104-2541	1	Ignition Switch ASM
10:1	218-461	1	Nut-HH
10:2	3254-5	1	Washer-Lock
11	63-8360	1	Key-Ignition
12	100-8070	1	Lamp-Warning
13	100-8071	1	Lamp-Warning
14	98-7611	1	Controller-Glow
15	32144-10	5	Screw-HWH
16	106-9277	1	Module-Control, Standard
17	321-8	3	Screw-HH
18	32128-33	3	Nut-HF
19	3290-134	2	Screw
20	104-0421	1	Plate-Stop, Throttle
21	138-1224	1	Cable-Throttle
23	3290-148	2	Nut-HF
24	3256-22	1	Washer-Flat
25	99-3401	1	Lever-Lock
26	3290-477	1	Washer-Curved
27	63-3410	1	Screw-Shoulder
28	32128-32	3	Nut-HHF
29	87-4710	1	Spacer-Brake, Parking
30	321-10	1	Screw-HH
31	3296-42	1	Nut-Lock, NI
32	104-4817	1	Lever-Brake
33	104-4628	2	Link-Brake, Parking
34	283-62	1	Pin-Clevis
35	3256-23	3	Washer-Plain
36	3272-10	1	Pin-Cotter
37	94-3829	1	Pin-Clevis
38	3272-6	2	Pin-Cotter
39	95-8900	1	Switch
40	3256-21	4	Washer-Flat
41	32105-9	2	Screw-HH
42	3296-9	2	Nut-Hex
43	95-8764-03	1	Support-Magnet
44	95-8765	2	Bracket-Strike, Magnet
45	95-8707	1	Cover-Dash
46	95-8763	2	Bracket-Hold Down, Cover
48	58-4250	2	Catch-Magnetic
49	95-8684	1	Pad-Bumper
50	3289-4	2	Screw-FH
51	42-3560	2	Bolt-Shoulder
53	233-42	1	Knob
54	95-8633	1	Bracket-Valve, Actuator
55	95-8635	1	Lever-Valve
58	3269-5	4	Rivet-Pop
59	104-7201	2	Nut-HF, NI
99	3290-378	1	Tie-Cable ●
99	3290-379	1	Tie-Cable ●

● Not illustrated



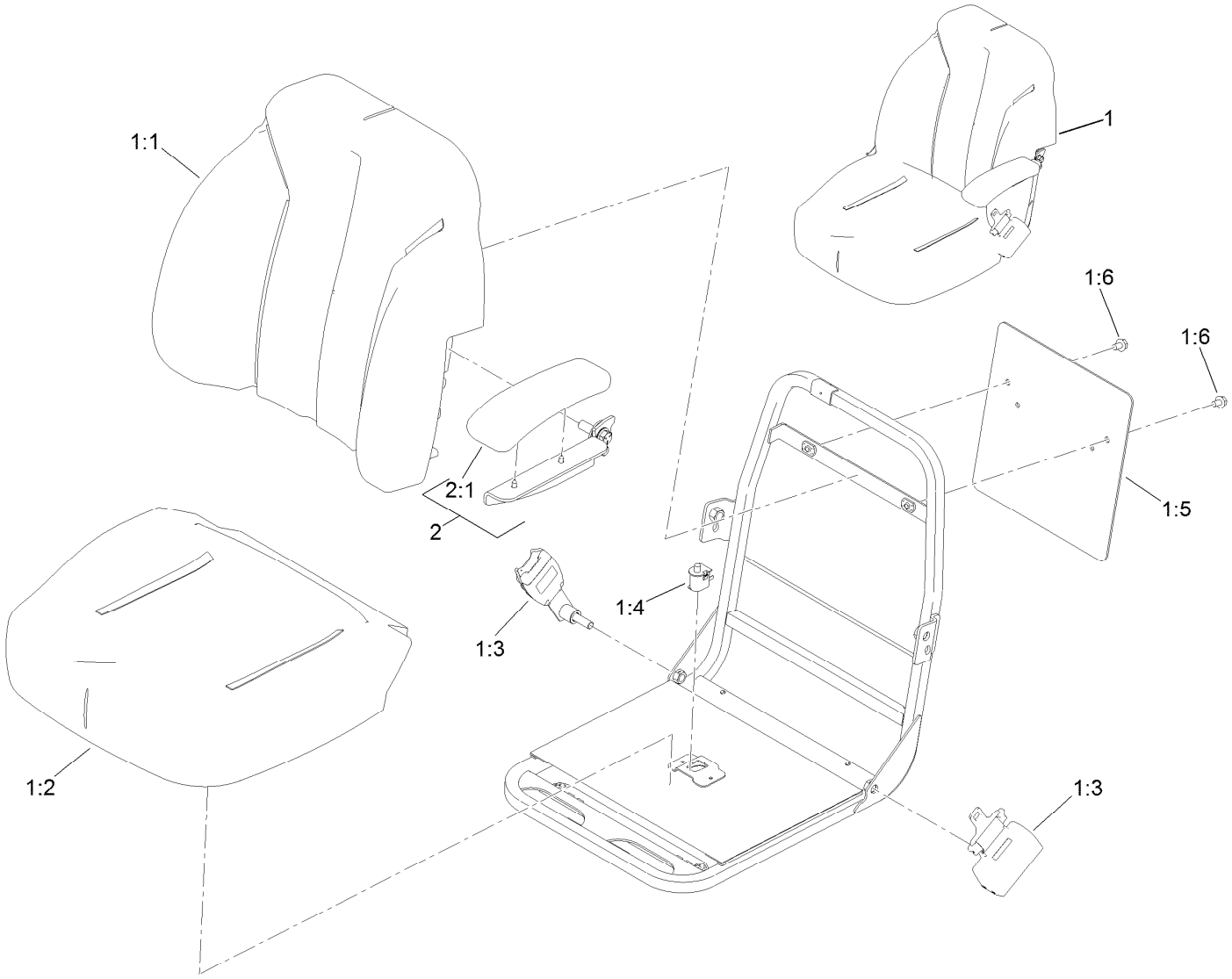
Seat Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	121-3665-03	2	Strap-Support, Seat
2	139-2679	1	Seat And Track ASM
3	3234-11	4	Screw-HHF
4	104-4833-03	1	Shield-Heat
5	104-8300	4	Nut-HF, NI



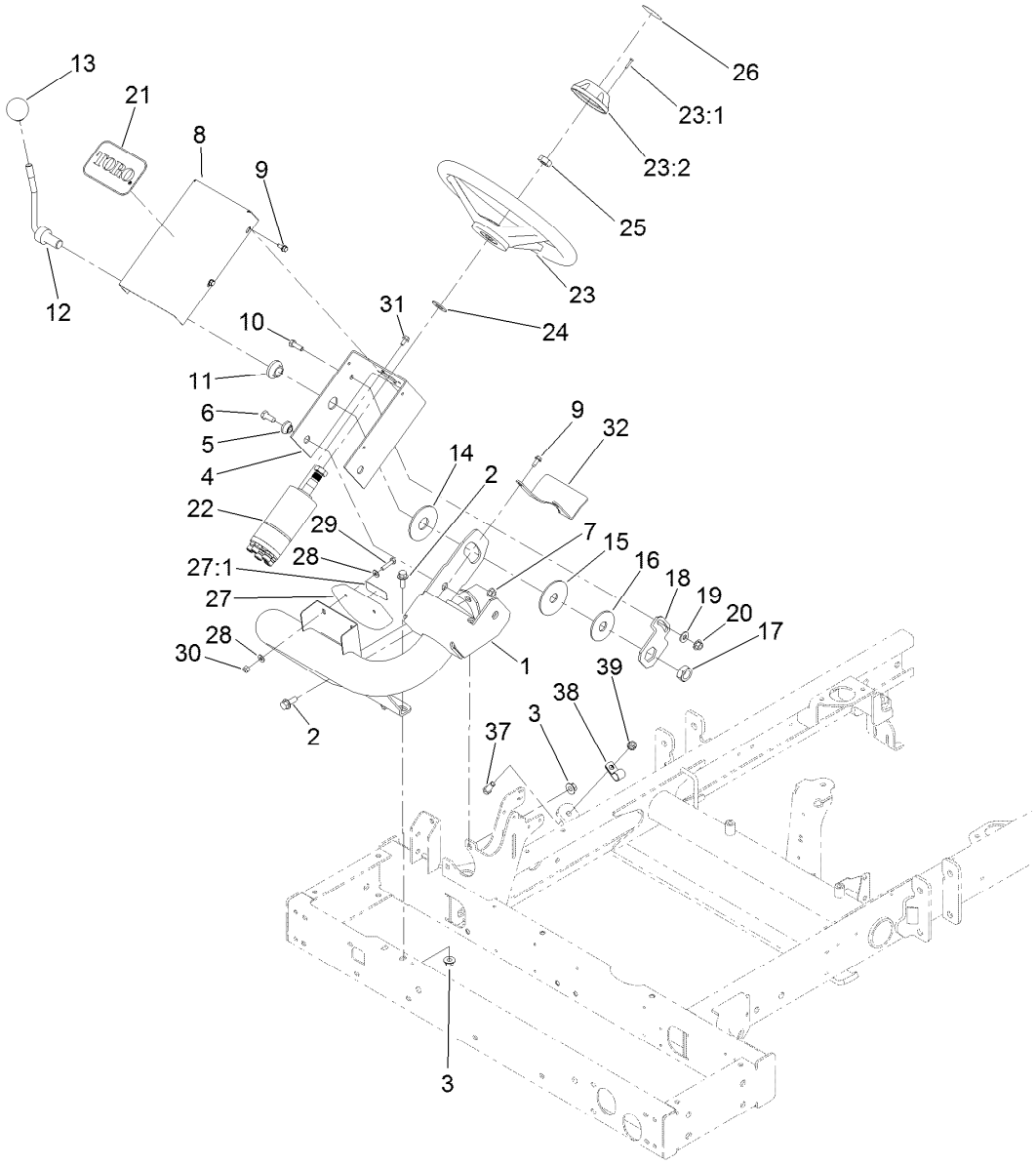
Seat and Track Assembly No. 139-2679

Ref.	*Part Number*	*Qty.*	*Description*
1	139-2700	1	Seat ASM
2	121-3658	1	RH Arm Rest Kit
2:1	110-4163	1	Cushion-Rest, Arm
3	136-9002	4	Spacer-Mounting
4	126-2177	1	Track-Seat



Seat Assembly No. 139-2700

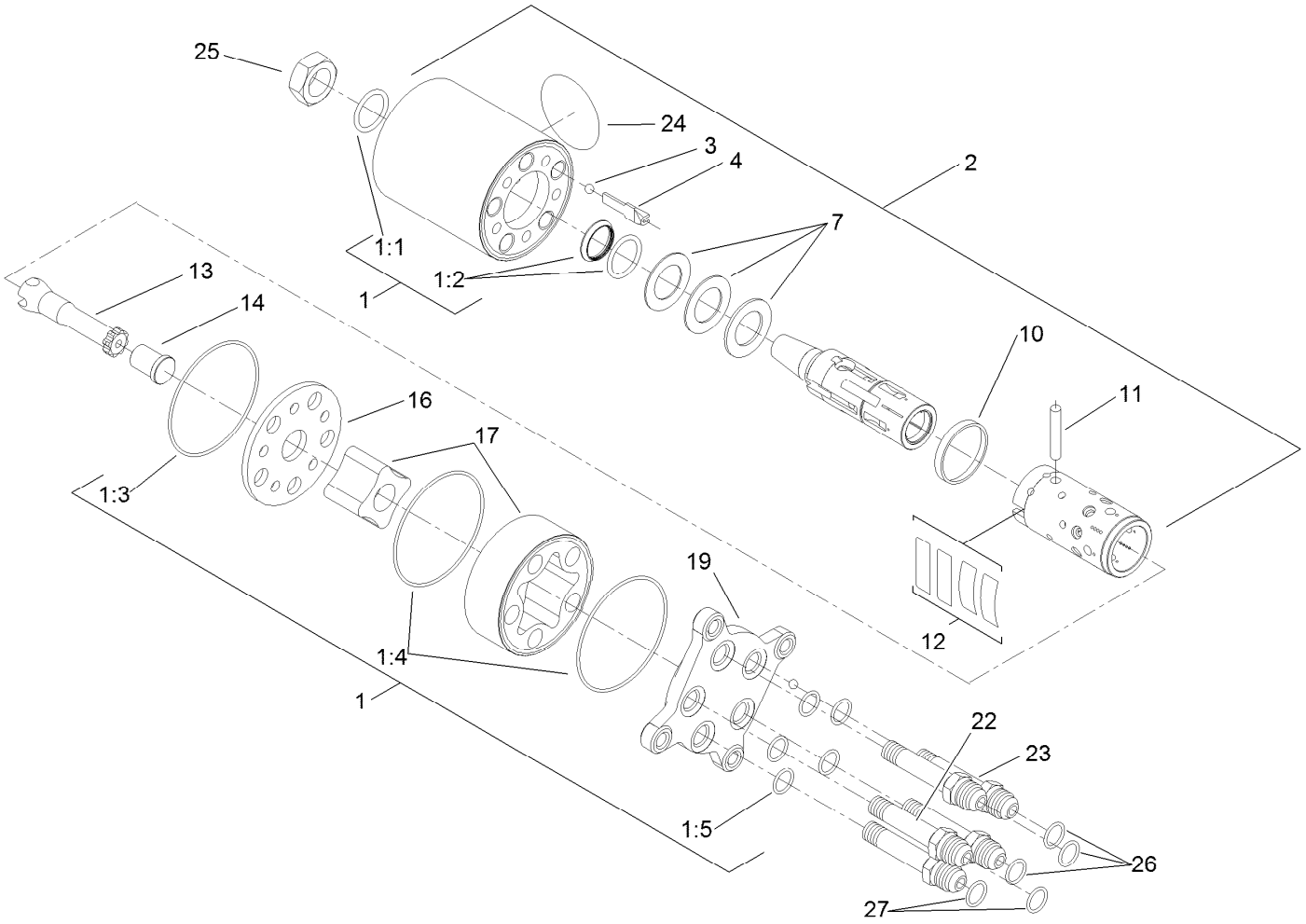
Ref.	*Part Number*	*Qty.*	*Description*
1	139-2680	1	Seat ASM
1:1	139-2705	1	Cover-Seat, Back
1:2	139-2706	1	Cover-Seat, Bottom
1:3	139-2707	1	Seat Belt Kit
1:4	82-2190	1	Switch-Bail
1:5	139-2701	1	Plate-Decal
1:6	3234-30	2	Screw-HHF
2	121-3660	1	LH Arm Rest Kit
2:1	110-4163	1	Cushion-Rest, Arm



Steering Column Assembly

Ref.	Part Number	Qty.	Description
1	105-8536-01	1	Arm-Steering
2	3234-11	4	Screw-HHF
3	32128-43	4	Nut-Flange
4	104-5185-01	1	Bracket-Valve, Steering
5	93-5988	2	Hub-Pivot
6	323-5	2	Screw-HH
7	32128-21	2	Nut-HF Lock
8	95-8794-01	1	Cover-Valve, Steering
9	32144-10	5	Screw-HWH
10	322-5	1	Screw-HH
11	99-3502	1	Boss
12	95-8798-03	1	Lever-Steering
13	233-48	1	Knob
14	31-0390	1	Disc-Friction
15	82-9010	1	Disc-Friction
16	80-2930	1	Washer-Flat
17	3218-7	1	Nut-Jam
18	80-2880	1	Bracket-Tilt
19	3256-3	1	Washer-Flat
20	32128-44	1	Nut

Ref.	Part Number	Qty.	Description
21	67-1300	1	Decal
22	121-7856	1	Steering Valve ASM
23	75-0560	1	Steering Wheel ASM
23:1	32144-21	1	Screw
23:2	68-5140	1	Cap-Wheel, Steering
24	3256-27	1	Washer-Flat
25	3296-33	1	Nut-Lock, NI
26	68-5370	1	Decal
27	100-4929	1	Slope Indicator ASM
27:1	121-3628	1	Decal-Angle
27:1	121-3598	1	Decal-Danger, 17 Degree
28	3256-22	4	Washer-Flat
29	321-7	2	Screw-HH
30	3296-42	2	Nut-Lock, NI
31	33103-012	4	Screw-HHF
32	99-3405-01	1	Shield-Steering
37	323-6	1	Screw-HH
38	2412-41	1	Clamp-R
39	3290-357	1	Nut-HSF

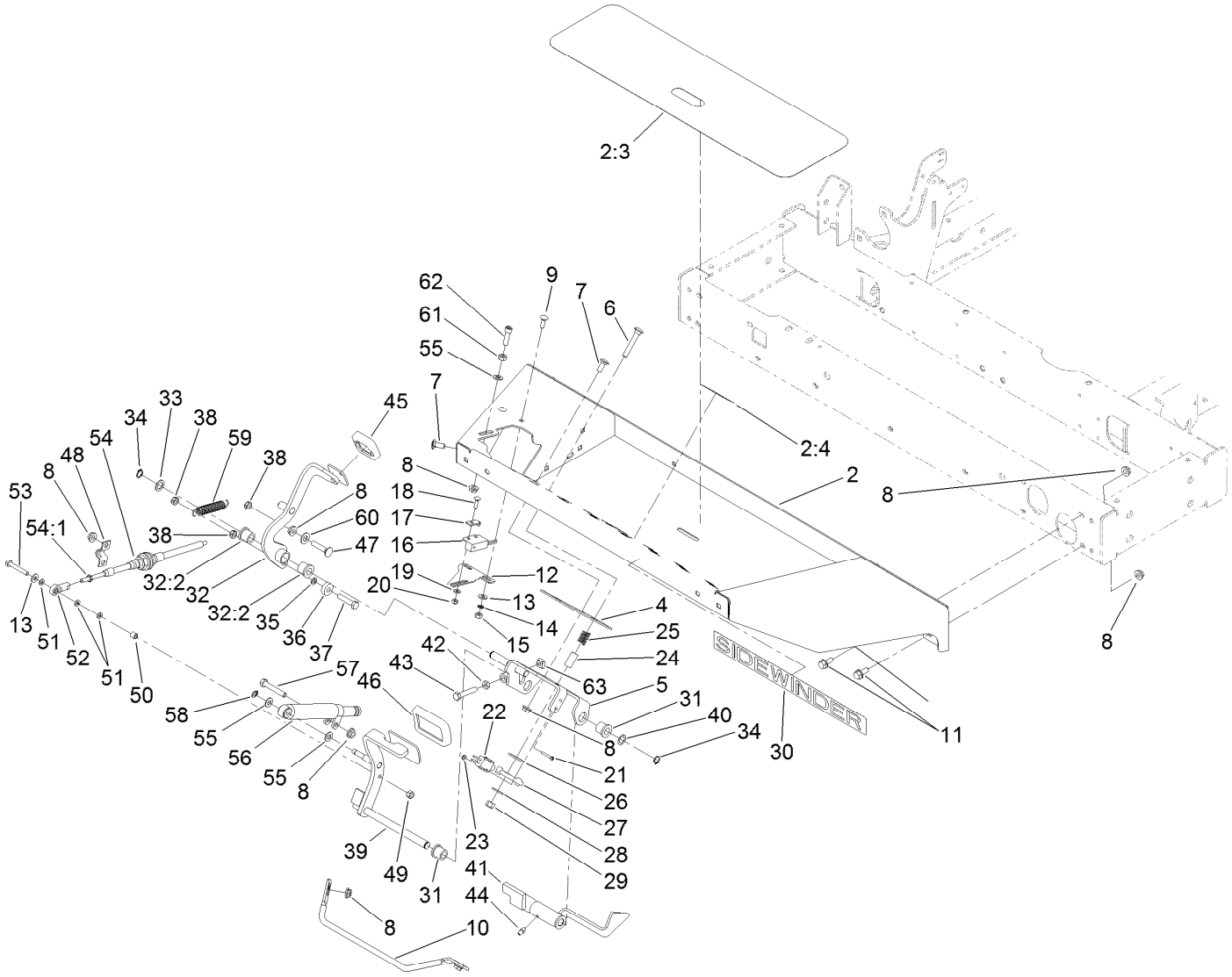


Steering Valve Assembly No. 121-7856

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	O-Ring ●
1:4		2	O-Ring ●
1:5		5	O-Ring ●
2		1	Housing ●
3		1	Ball ●
4		1	Stop-Ball ●
7		1	Bearing ASM ●
10		1	Ring ●
11		1	Pin-Cross ●

Ref.	Part Number	Qty.	Description
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

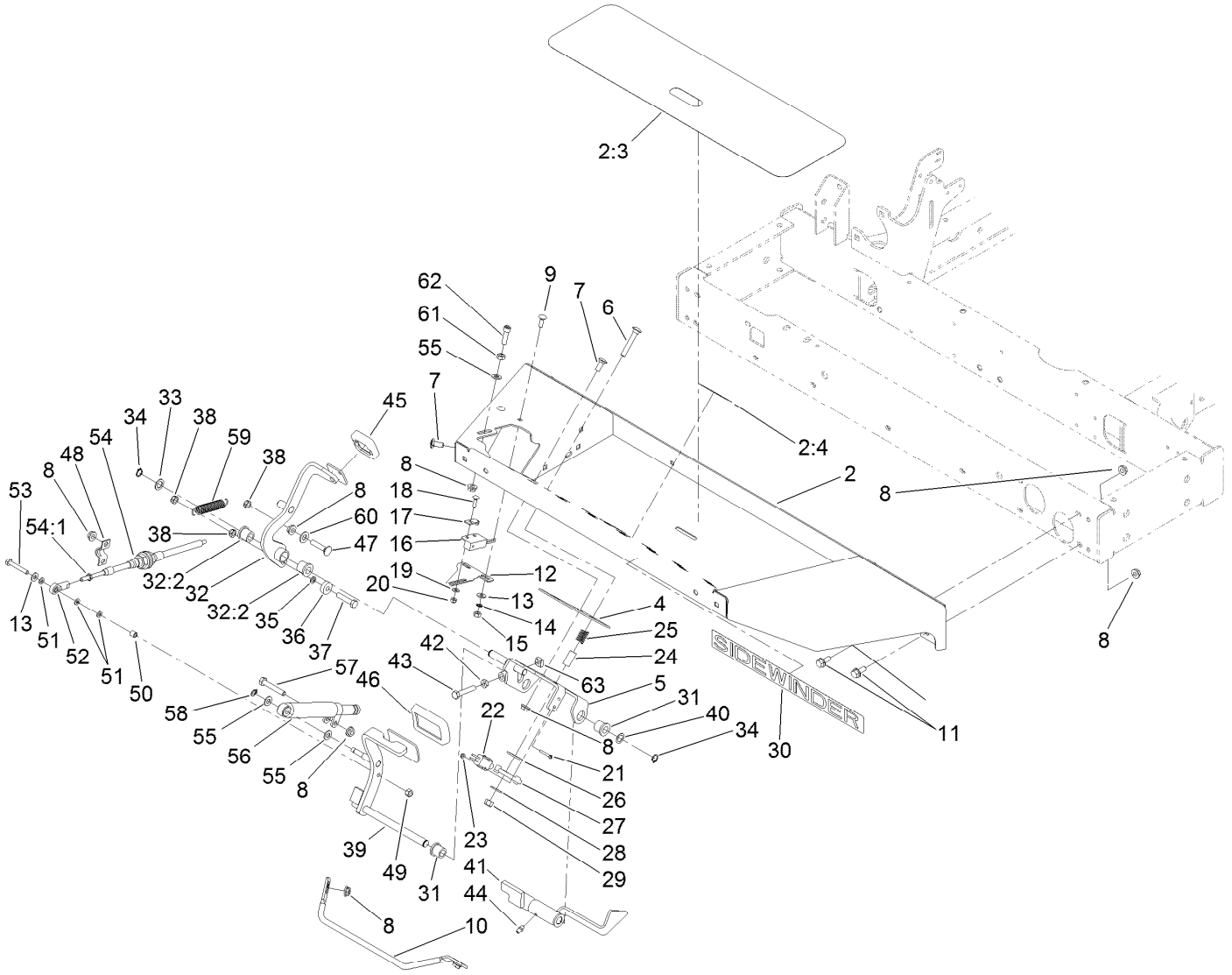
● Not serviced separately



Front Platform Assembly

Ref.	Part Number	Qty.	Description
2	106-4154	1	Floorplate ASM
2:3	99-3478	1	Tread-Foot
2:4	99-3444	1	Decal-Mow / Transport
4	106-2661-01	1	Plate-Support
5	95-8869-03	1	Bracket-Pedal, Traction
6	3230-6	1	Bolt-CARR
7	3230-23	6	Bolt-CARR
8	32128-20	20	Nut-HF
9	3229-1	2	Screw-CARR
10	95-8893	1	Bar-Deflector
11	3234-5	10	Screw-HHF
12	100-4871	1	Bracket-Switch, Neutral
13	3256-22	3	Washer-Flat
14	3255-7	2	Washer-Lock/EXT
15	3217-5	2	Nut-Hex
16	100-1270	1	Switch-Proximity
17	100-4872	1	Plate-Switch, Neutral
18	3229-34	1	Screw-CARR
19	3256-14	1	Washer-Flat
20	3296-2	1	Nut-Lock, NI
21	32105-9	2	Screw-HH
22	95-8900	1	Switch
23	3296-9	2	Nut-Hex
24	95-8866	1	Tube-Arm, Rocker
25	65-9940	1	Spring
26	3256-40	1	Washer-Flat
27	99-3593	1	Arm-Rocker
28	3256-3	1	Washer-Flat
29	3296-29	1	Nut-Lock, NI
30	99-3388	1	Decal
31	256-243	2	Bearing-Flange
32	99-3379	1	Pedal-Reverse ASM
32:2	256-243	2	Bearing-Flange
33	41-8440	1	Washer
34	32151-84	2	Ring-Shaft, EXT
35	75-5470	1	Spacer-Bearing

● Not illustrated

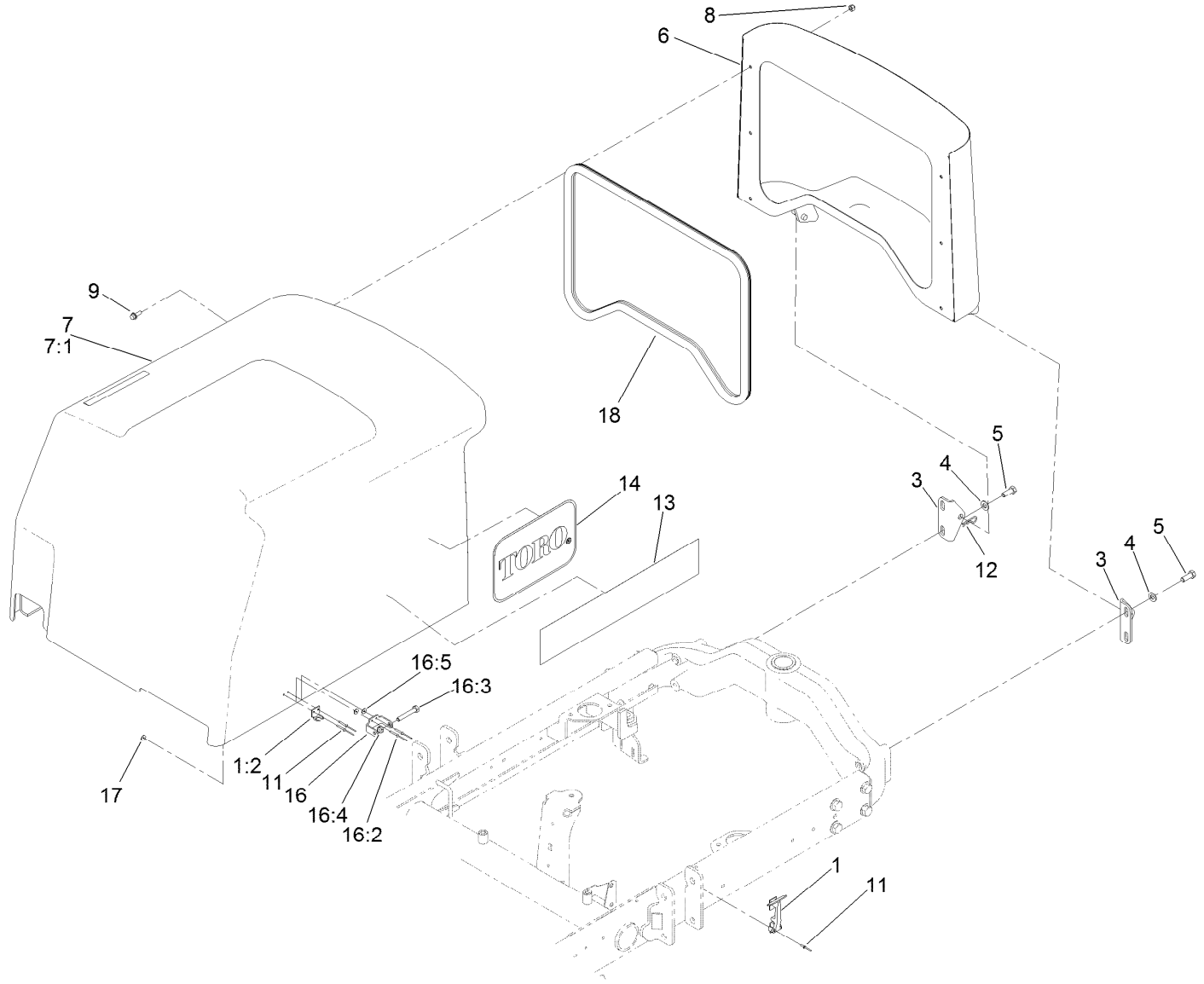


Front Platform Assembly (continued)

Ref.	Part Number	Qty.	Description
36	251-259	1	Bearing-Ball
37	322-7	1	Screw-HH
38	3296-47	3	Nut-Lock,NI
39	104-4852-03	1	Pedal-Traction
40	73-0040	1	Washer-Thrust
41	95-8861	1	Slide
42	3218-2	1	Nut-Hex Jam
43	322-41	1	Bolt-Hex,TAP
44	302-5	1	Fitting-Grease
45	74-9110	1	Pad-Pedal, Reverse
46	74-9100	1	Pad-Pedal, Forward
47	3230-27	1	Screw-CARR
48	93-2092	1	Clamp-Cable
49	3296-42	1	Nut-Lock, NI
50	99-3545	1	Spacer

Ref.	Part Number	Qty.	Description
51	33093-00	3	Washer-Flat
52	2411-41	1	Rod End-Ball Joint
53	321-10	1	Screw-HH
54	100-4815	1	Cable-Control, Traction
54:1	3220-1	2	Nut-Jam
55	3256-23	3	Washer-Plain
56	76-8870	1	Damper-Lever
57	322-10	1	Screw-HH
58	32151-3	1	Ring-Grip
59	99-3476	1	Spring-Extension
60	3256-24	1	Washer-Plain
61	3217-6	1	Nut-Hex
62	3274-22	1	Screw-HSH
63	99-3565	1	Nut-Square
99	3290-378	4	Tie-Cable ●

● Not illustrated



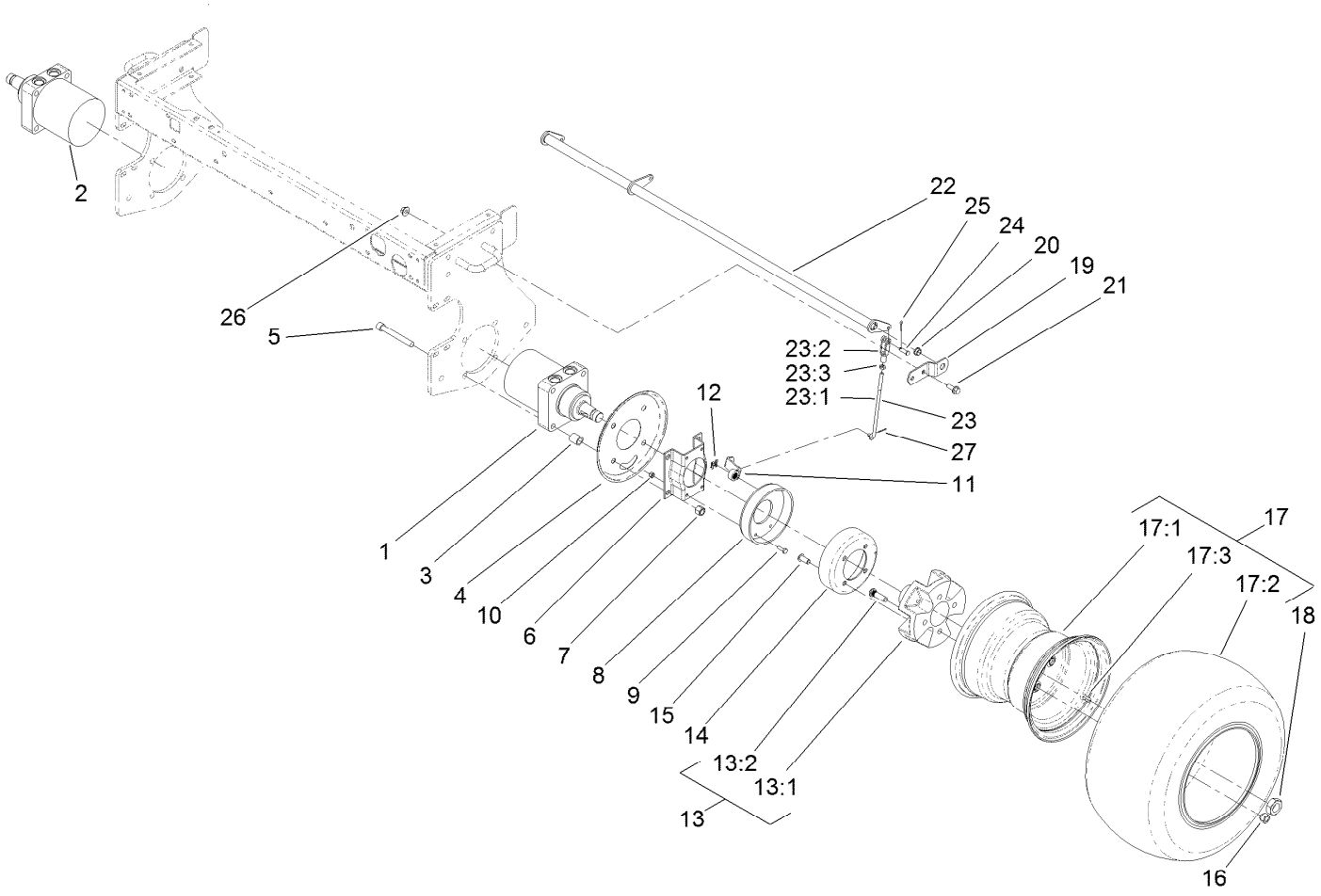
Hood Assembly

Ref.	Part Number	Qty.	Description
1	59-9740	2	Flex Draw Latch ASM
1:2	249-40	1	Keeper
3	95-8728	2	Bracket-Pivot, Hood
4	3256-24	4	Washer-Plain
5	323-6	4	Screw-HH
6	95-8724-03	1	Screen-Hood
7	121-3633	1	Hood ASM
7:1		1	Hood ■
7:1:1	106-8114	1	Heat Tape Repair Kit ●
8	3296-42	6	Nut-Lock, NI
9	3234-4	6	Screw-HHF

Ref.	Part Number	Qty.	Description
11	107-0333	4	Rivet-Pop
12	3290-467	1	Pin-Hair
13	104-5153	2	Decal-Hood
14	66-6140	2	Decal
16	119-2004	1	CE Latch Kit
16:2	107-0333	2	Rivet-Pop
16:3	322-10	1	Screw-HH
16:4	3296-47	1	Nut-Lock,NI
16:5	3269-10	2	Washer-Back
17	3269-10	4	Washer-Back
18	95-8809	1	Trim-Seal

● Not illustrated

■ Not serviced separately

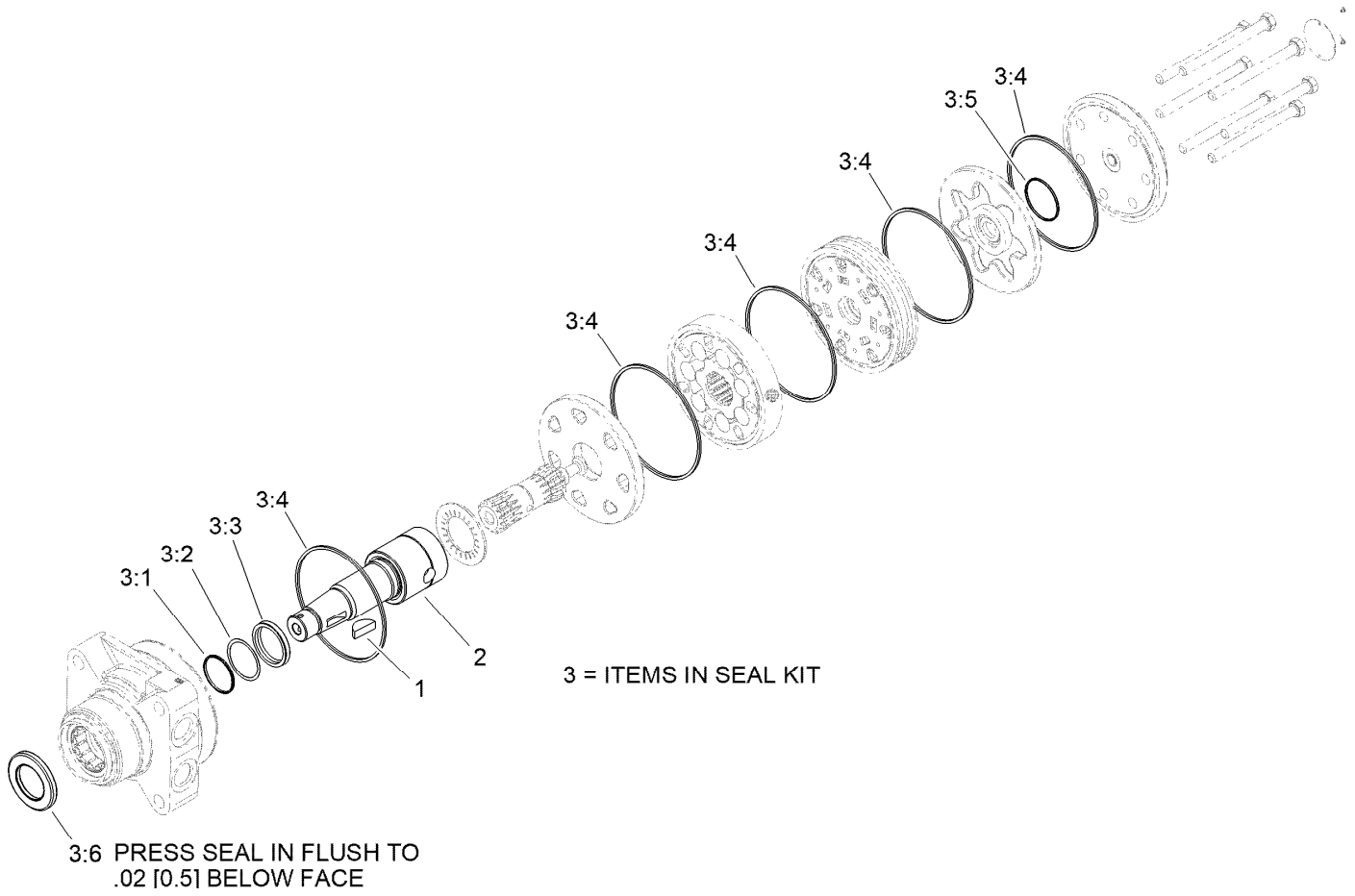


Front Wheel and Brake Assembly

Ref.	Part Number	Qty.	Description
1	110-8785	1	HYD Motor ASM (CCW)
2	110-8786	1	HYD Motor ASM (CW)
3	119-8238	8	Spacer-Deck Pulley
4	104-0485-03	2	Shield-Wheel
5	3274-99	8	Screw-HSH
6	84-2000-03	2	Bracket-Brake
7	3296-23	8	Nut-Lock, NI
8	104-7705	2	Brake ASM
9	321-5	8	Screw-HH
10	3296-42	8	Nut-Lock, NI
11	114-2726	2	Lever-Brake
12	104-7706	2	E-Ring, Bowed
13		2	Wheel Hub/Stud ASM ●
13:1	104-0462	1	Hub-Wheel, Spacer
13:2	10-6830	4	Stud-Type, Drive
14	104-4809	2	Drum-Brake
15	3274-105	8	Screw-HSBH
16	26-3790	2	Nut-Lock

Ref.	Part Number	Qty.	Description
17		2	Tire And Rim ASM ●
17:1	121-3548	1	Rim
17:2	117-5125	1	Tire
17:3	232-27	1	Stem-Valve
18	242-50	8	Nut-Lug
19	95-8683	2	Bracket-Pivot, Brake
20	256-156	2	Bushing-Flange
21	3234-11	4	Screw-HHF
22	104-4625-03	1	Shaft-Pivot, Brake
23	115-6672	2	Brake Lever ASM
23:1	104-4627	1	Rod-Adjusting
23:2	1-303105	1	Yoke-Adjustable
23:3	3220-2	1	Nut-Jam
24	283-1	2	Pin-Clevis
25	3272-10	2	Pin-Cotter
26	32128-43	4	Nut-Flange
27	3272-6	2	Pin-Cotter

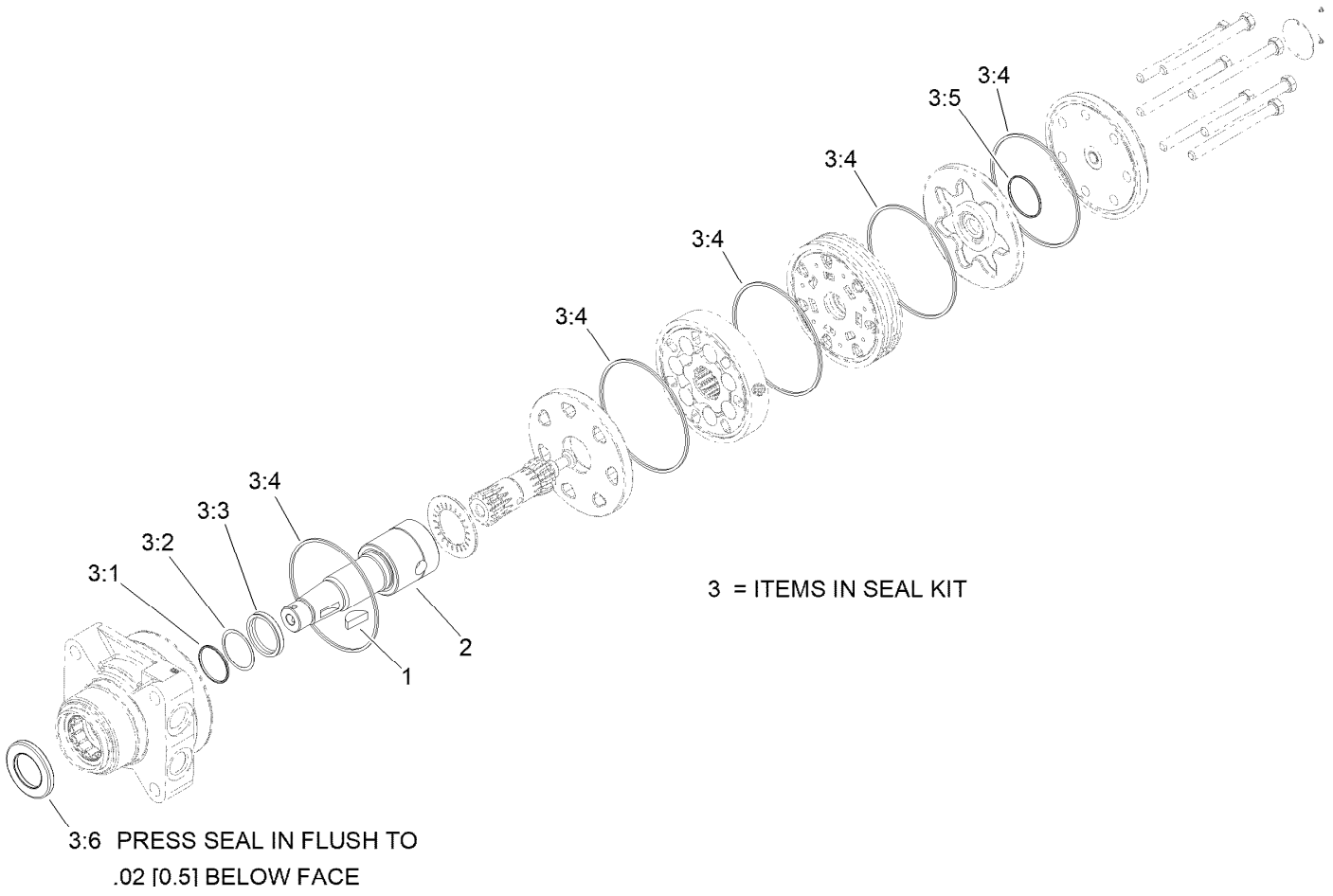
● Not serviced separately



Hydraulic Motor Assembly No. 110-8786

Ref.	*Part Number*	*Qty.*	*Description*
1	3257-42	1	Key-Woodruff
2	99-3090	1	Shaft-Coupling
3	100-6131	1	Seal Kit
3:1		1	Ring-Back Up ●
3:2		1	Washer-Back Up ●
3:3		1	Seal-Shaft ●
3:4		5	Seal-Ring ●
3:5		1	Seal-Commutator ●
3:6		1	Seal-Dirt And Water ●

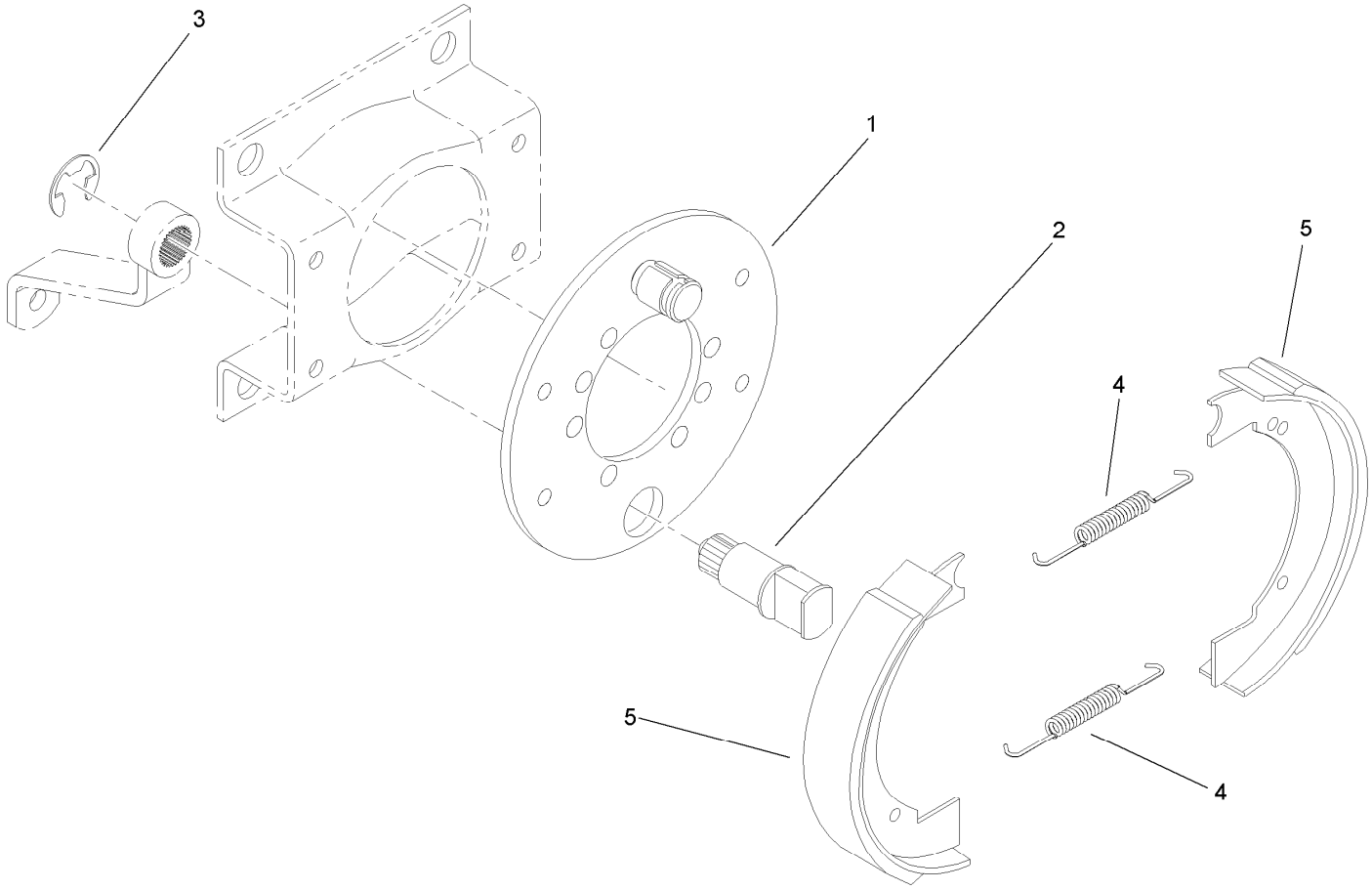
● Not serviced separately



Hydraulic Motor Assembly No. 110-8785

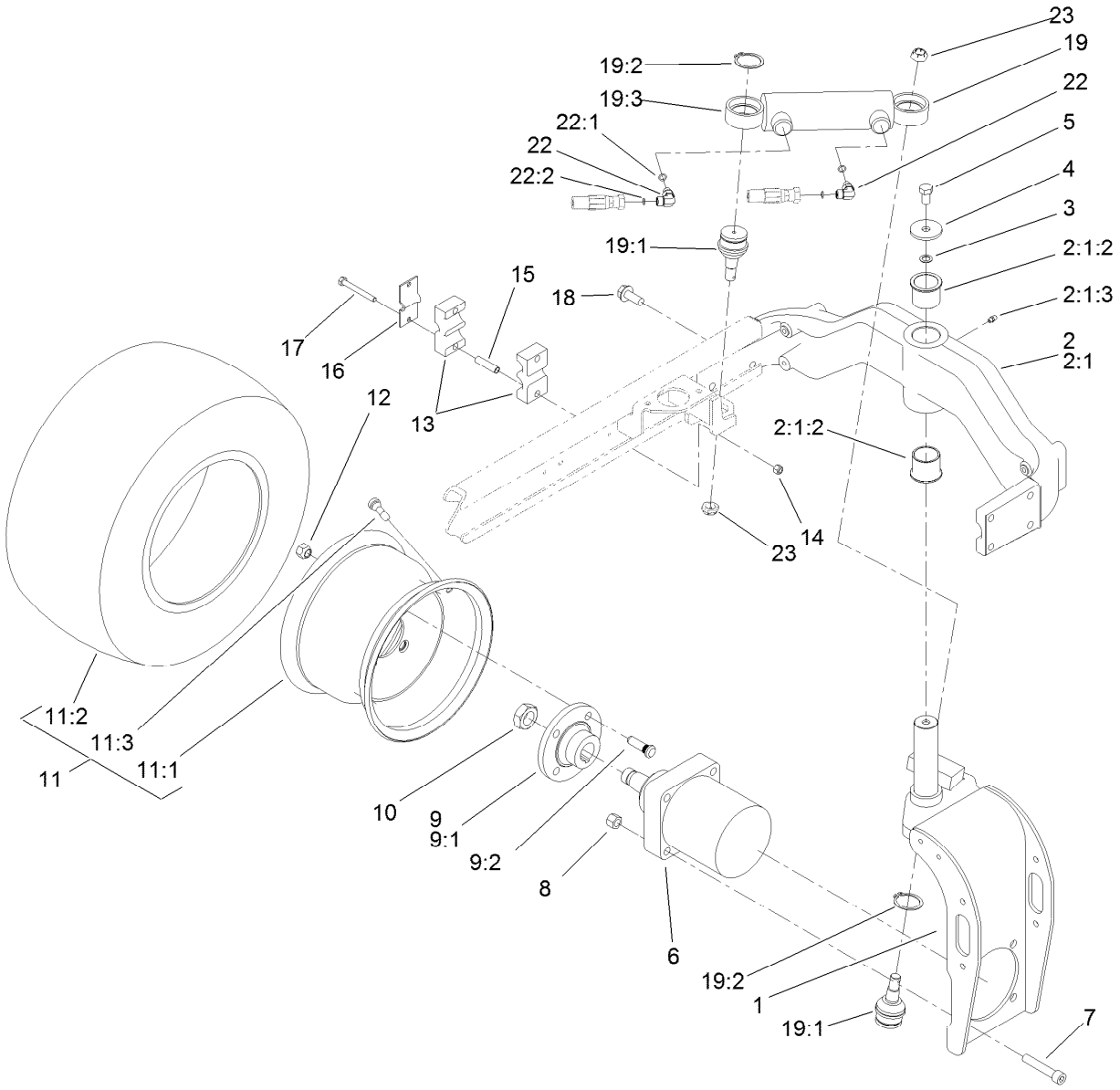
Ref.	*Part Number*	*Qty.*	*Description*
1	3257-42	1	Key-Woodruff
2	99-3090	1	Shaft-Coupling
3	100-6131	1	Seal Kit
3:1		1	Ring-Back Up ●
3:2		1	Washer-Back Up ●
3:3		1	Seal-Shaft ●
3:4		5	Seal-Ring ●
3:5		1	Seal-Commutator ●
3:6		1	Seal-Dirt And Water ●

● Not serviced separately



Brake Assembly No. 104-7705

Ref.	*Part Number*	*Qty.*	*Description*
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

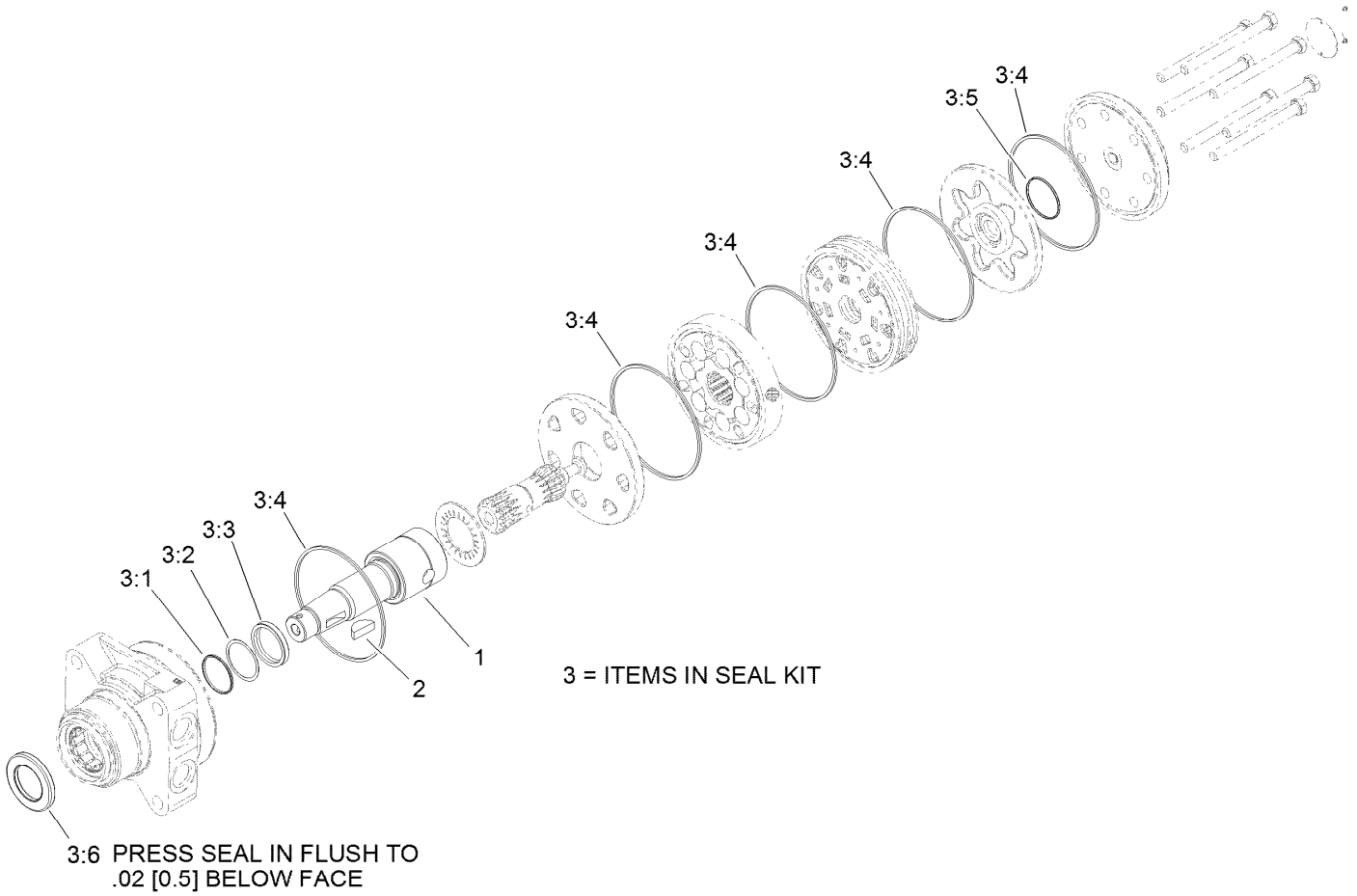


Rear Fork and Tire Assembly

Ref.	Part Number	Qty.	Description
1	95-8905-01	1	Fork-Rear
2	107-7828-03	1	Casting-Rear
2:1		1	Rear Casting ASM ●
2:1:2	95-8805	2	Bushing
2:1:3	302-5	1	Fitting-Grease
3	3255-2	1	Washer-Lock, EXT
4	75-7730	1	Washer-Thrust
5	325-3	1	Screw-HH
6	95-8694	1	HYD Motor ASM
7	3274-93	4	Screw-HSH
8	3296-23	4	Nut-Lock, NI
9	18-3209	1	Wheel Hub/Stud ASM
9:1	10-6870-03	1	Hub-Wheel
9:2	10-6830	4	Stud-Type, Drive
10	26-3790	1	Nut-Lock
11		1	Wheel And Tire ASM ●
11:1	117-5129	1	Rim

Ref.	Part Number	Qty.	Description
11:2	115-1572	1	Tire
11:3	232-27	1	Stem-Valve
12	242-50	4	Nut-Lug
13	82-8170	2	Clamp
14	3296-29	2	Nut-Lock, NI
15	93-7960	2	Spacer
16	93-7961	1	Clamp-Drain, Case
17	322-13	2	Screw-HH
18	3234-38	8	Screw-HHF
19		1	Steering Cylinder ASM ●
19:1	121-3605	2	Ball Joint
19:2	32151-104	2	Ring-Retaining, External
19:3	121-3653	1	Cylinder-HYD
22	340-132	2	Fitting-Elbow, 90 DEG
22:1	237-78	1	O-Ring
22:2	237-21	1	O-Ring
23	121-3611	2	Nut-Hex, Flextop

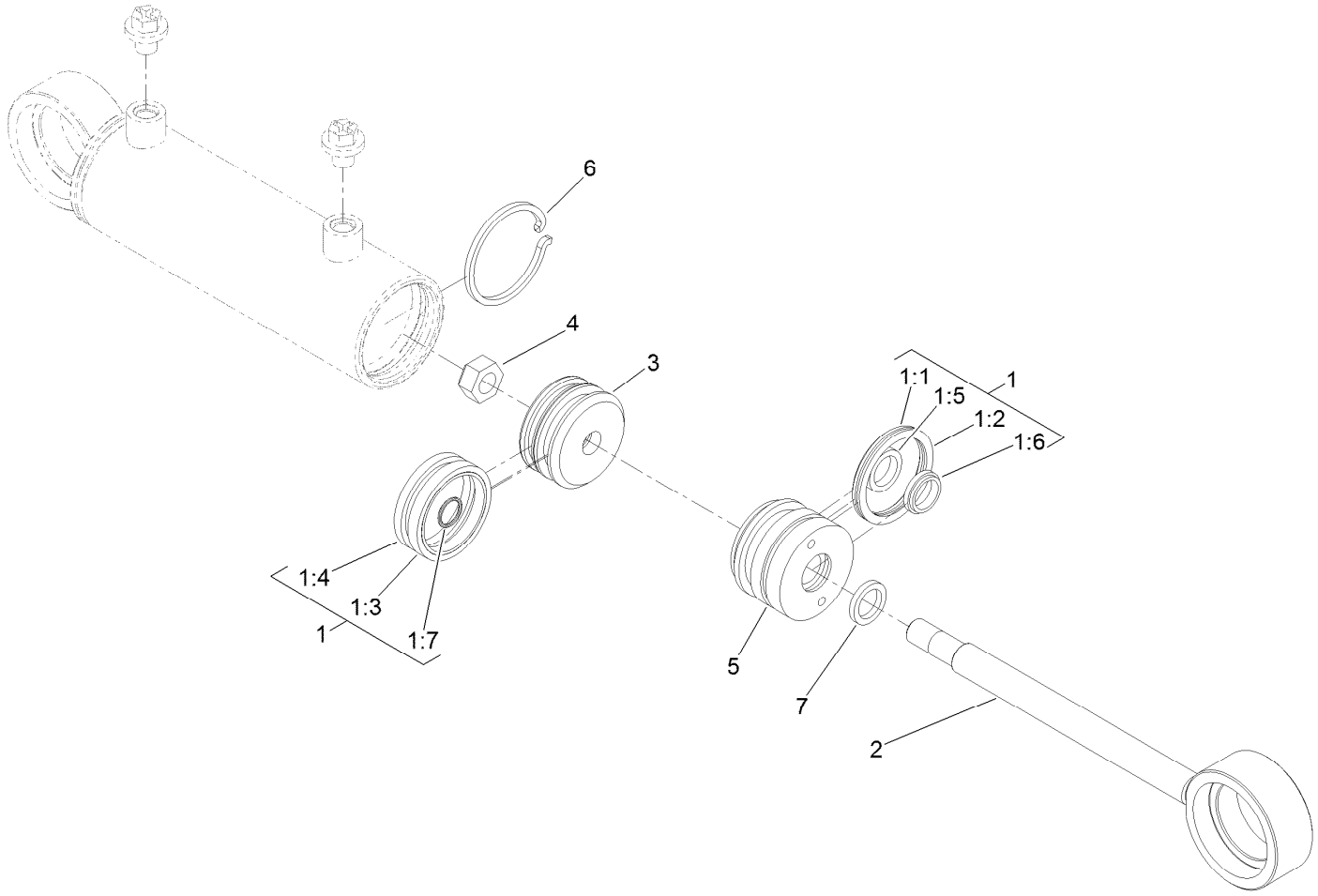
● Not serviced separately



Hydraulic Motor Assembly No. 95-8694

Ref.	*Part Number*	*Qty.*	*Description*
1	99-3090	1	Shaft-Coupling
2	3257-42	1	Key-Woodruff
3	100-6131	1	Seal Kit
3:1		1	Ring-Back Up ●
3:2		1	Washer-Back Up ●
3:3		1	Seal-Shaft ●
3:4		5	Seal-Ring ●
3:5		1	Seal-Commutator ●
3:6		1	Seal-Dirt And Water ●

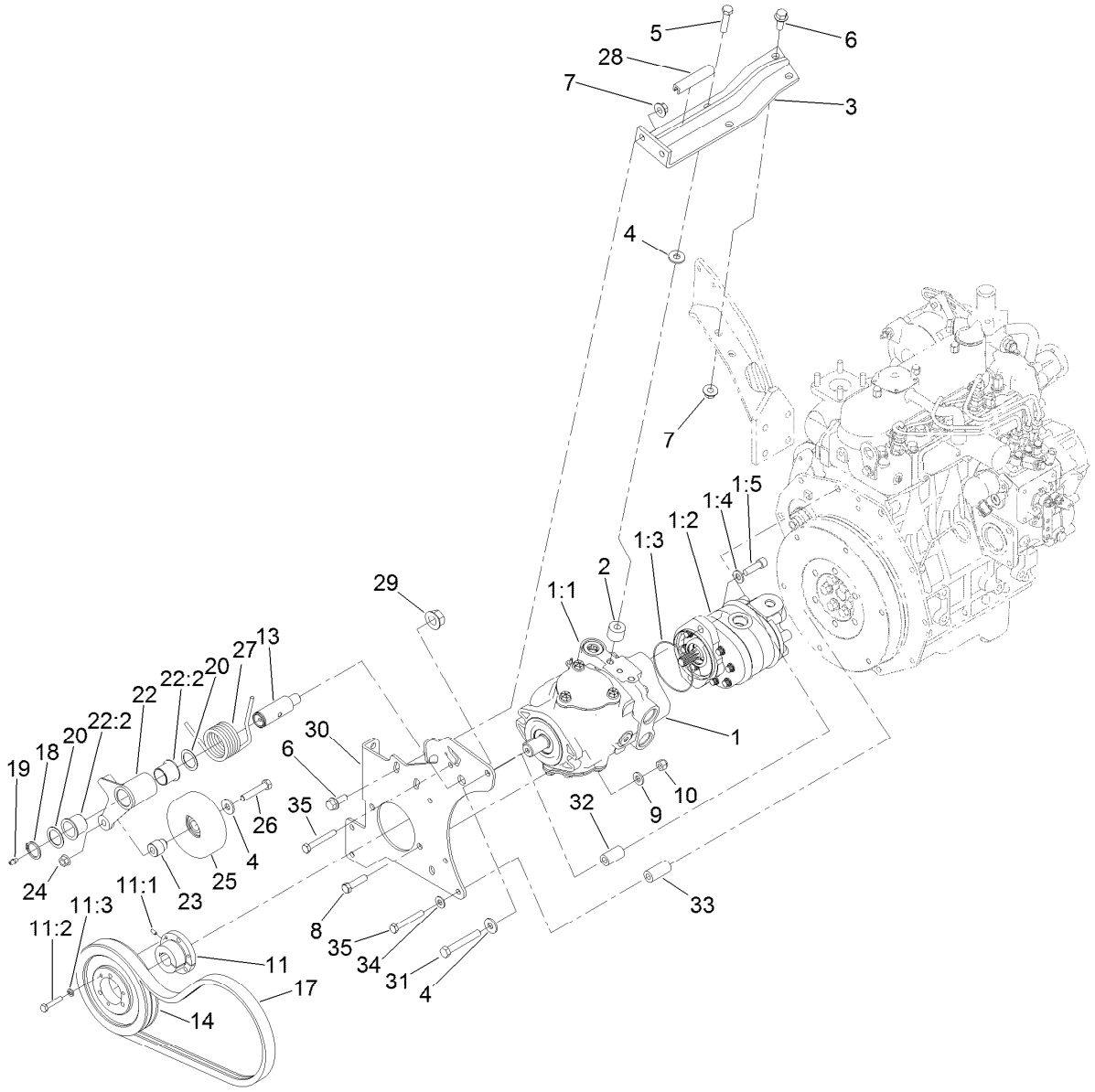
● Not serviced separately



Hydraulic Cylinder Assembly No. 121-3653

Ref.	*Part Number*	*Qty.*	*Description*
1	136-3278	1	Seal Kit
1:1		1	O-Ring ●
1:2		1	Backup ●
1:3		1	Psp Seal ●
1:4		1	Wear Ring ●
1:5		1	Bt Seal ●
1:6		1	Dust Seal ●
1:7		1	O-Ring ●
2		1	Rod ●
3		1	Piston ●
4		1	Head ●
5		1	Lock Nut ●
6		1	Retaining Ring ●
7		1	Square O-Ring ●

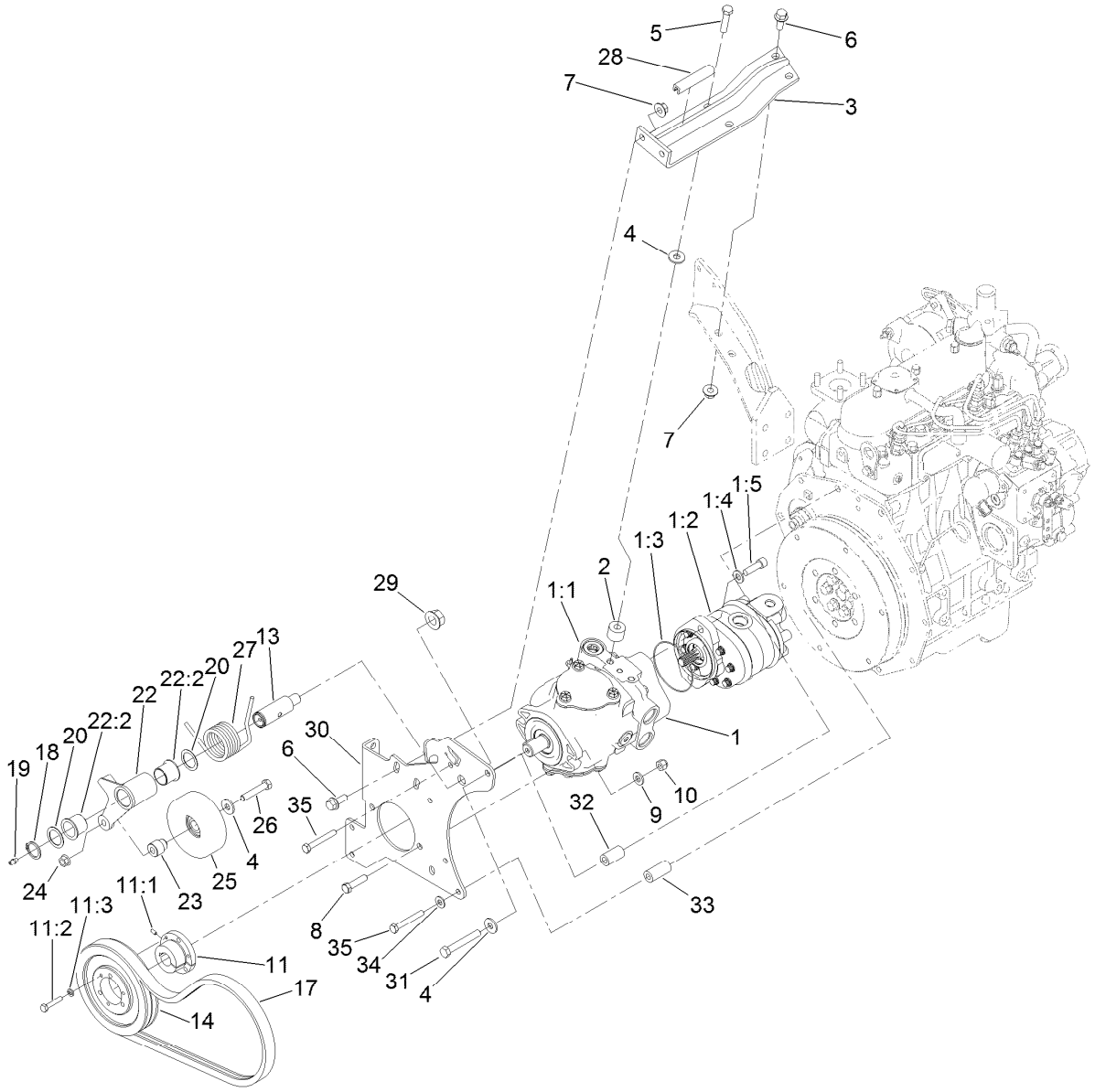
● Not serviced separately



Hydrostat Assembly

Ref.	Part Number	Qty.	Description
1		1	Tandem Pump ASM ●
1:1	104-4890	1	Piston Pump ASM
1:2	95-8601	1	Gear Pump ASM
1:3	60-3520	1	O-Ring
1:4	3256-24	2	Washer-Plain
1:5	3274-1	2	Screw-HSH
2	99-3440	2	Spacer
3	99-3436-03	1	Support-Pump
4	80-6990	4	Washer-Hardened
5	323-19	2	Screw-HH
6	3234-11	4	Screw-HHF
7	32128-43	4	Nut-Flange
8	323-8	2	Screw-HH
9	100-4852	2	Washer-Hardened
10	3296-39	2	Nut-Lock, NI
11	93-6842	1	Bushing-Lock, Taper
11:1	3245-36	1	Screw-Set, HSH
11:2	321-13	3	Screw-HH
11:3	3253-3	3	Washer-Lock
13	99-3529	1	Shaft-Pivot, Idler
14	93-6841	1	Pulley
17	95-8730	1	V-Belt
18	32151-36	1	Ring-Retaining
19	302-5	1	Fitting-Grease
20	74-1810	2	Washer
22	137-1653	1	Idler Arm ASM
22:2	126-1963	2	Bushing-Pivot
23	95-8806	1	Spacer
24	32128-21	1	Nut-HF Lock
25	95-8802	1	Pulley-Idler
26	323-10	1	Screw-HH
27	95-8917	1	Spring-Torsion
28	70-2041	1	Trim - Edge
29	32128-54	1	Nut-HF
30	95-8933-03	1	Plate-Mount, Pump
31	42-9370	1	Screw-HH

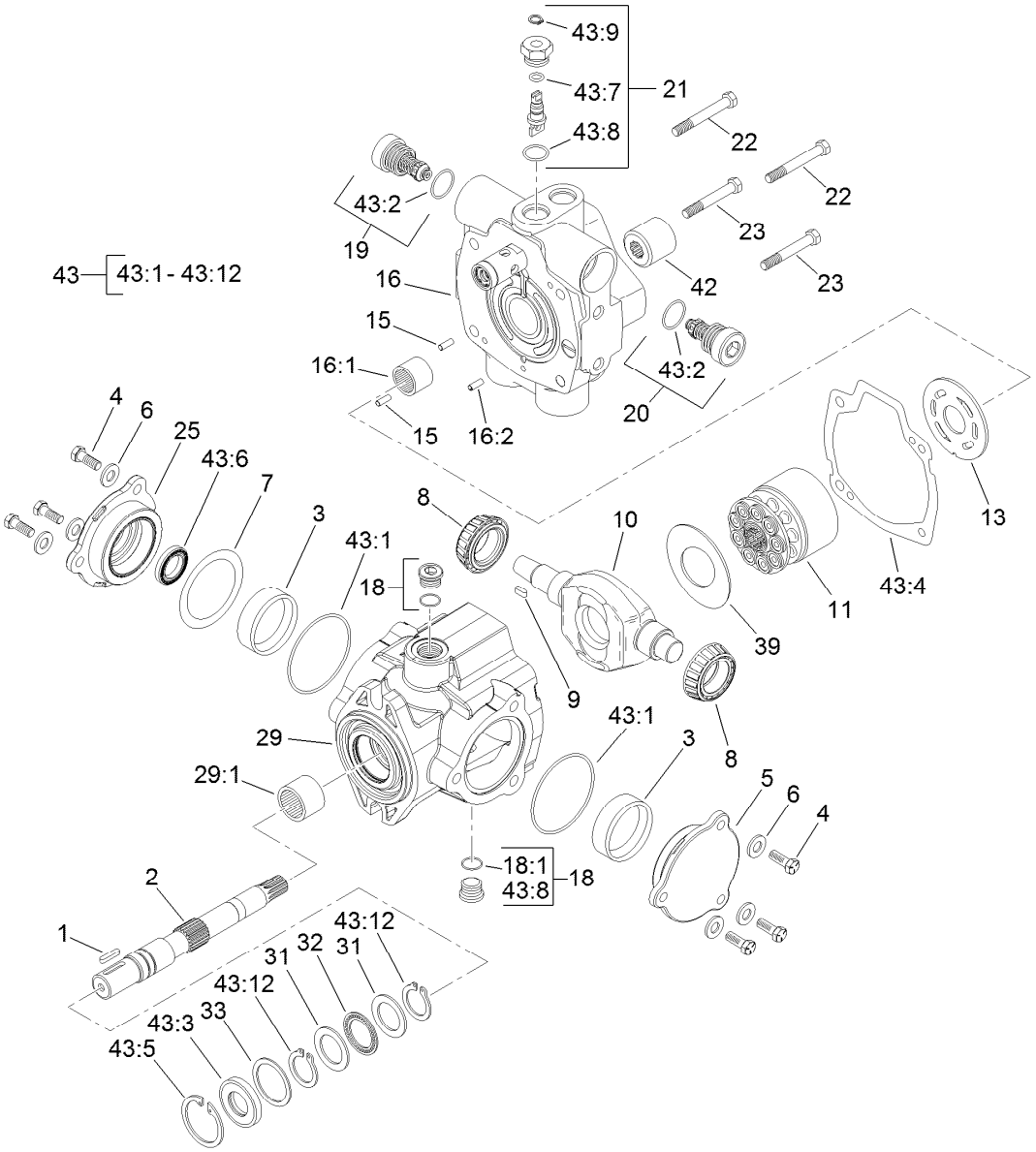
● Not serviced separately



Hydrostat Assembly (continued)

Ref.	Part Number	Qty.	Description
32	95-8736	1	Spacer
33	95-8941	4	Spacer-Mount, Pump
34	87-8640	3	Washer-Flat
35	33114-060	4	Screw-HH

● Not serviced separately



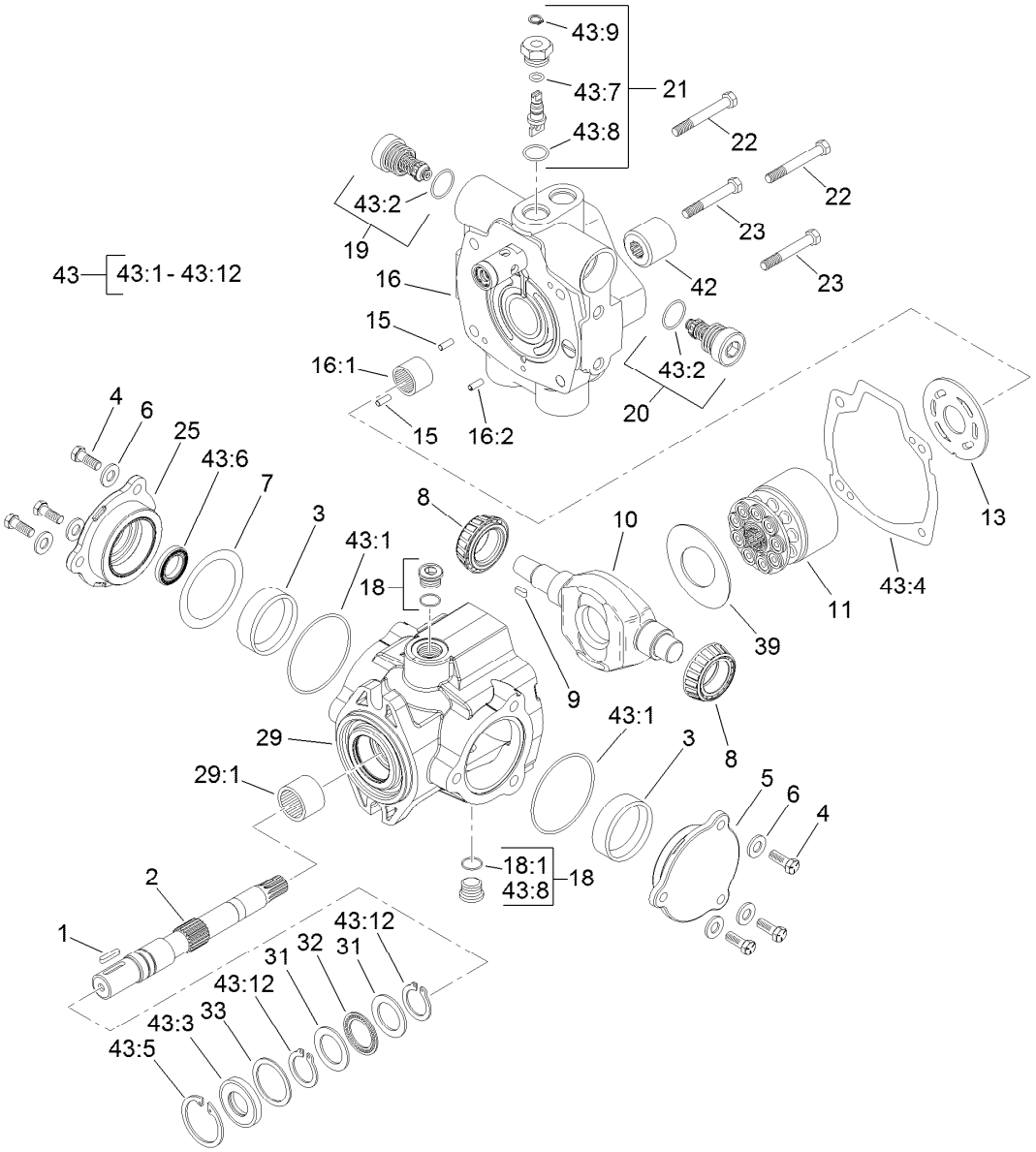
Hydraulic Pump Assembly No. 104-4890

Ref.	Part Number	Qty.	Description
1	94-3645	1	Key
2	94-6359	1	Shaft-Drive
3	104-4046	2	Bearing-Cup
4	98-4640	6	Screw-Cap
5	98-4644	1	Plate-Cover
6	105-9762	6	Washer
7	100-3182	2	Shim Kit
8	98-4639	2	Bearing-Cone
9	94-3646	1	Key
10	104-4888	1	Swashplate
11	76-6070	1	Rotating Kit
13	104-0429	1	Plate-Valve
15	76-6150	2	Pin-Dowel
16	105-3813	1	Endcover Sub ASM
16:1	94-6368	1	Bearing
16:2		1	Pin-Roll ■
18	74-9280	2	Plug ASM
18:1		1	O-Ring ■

Ref.	Part Number	Qty.	Description
19	104-4889	1	Relief Valve ASM
20	105-3812	1	Valve-Check
21	105-3811	1	Valve-Bypass
22	76-6170	2	Capscrew
23	76-6160	2	Capscrew
25	98-4645	1	Plate-Cover
29	100-3176	1	Housing ASM
29:1	94-6363	1	Bearing
31	252-71	2	Washer-Thrust
32	252-66	1	Bearing-Thrust
33	33-3720	1	Washer
39	98-4635	1	Insert-Plate, Cam
42	74-9040	1	Coupler
43	120-5754	1	Seal Kit
43:1		2	O-Ring ■
43:2		2	O-Ring ■
43:3		1	Seal-Shaft ■
43:4		1	Gasket ■

● Not illustrated

■ Not serviced separately

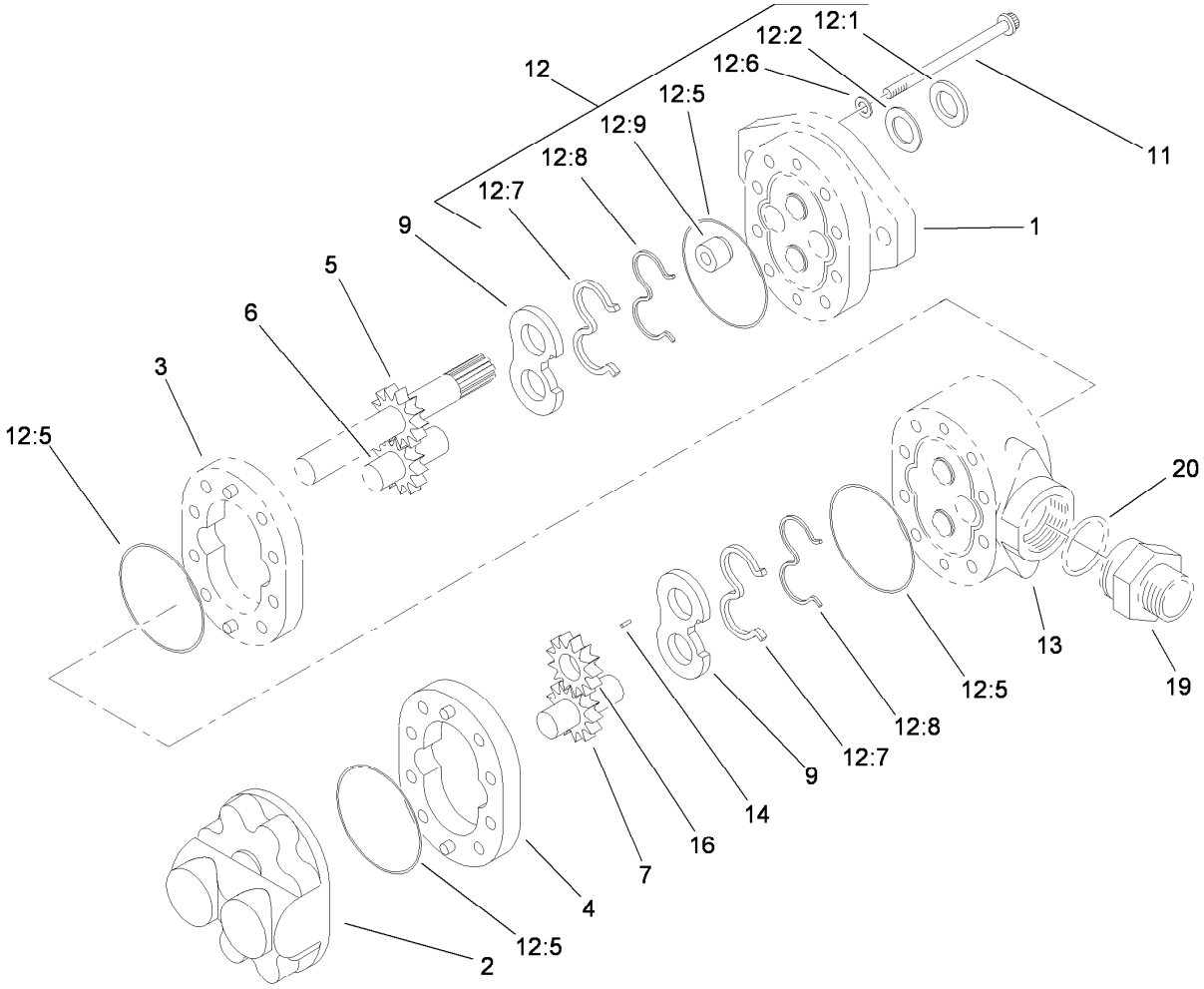


Hydraulic Pump Assembly No. 104-4890 (continued)

Ref.	Part Number	Qty.	Description
43:5		1	Ring-Retaining ■
43:6		1	Seal-Shaft ■
43:7		1	O-Ring ■
43:8		5	O-Ring ■
43:9		1	Ring-Retaining ■
43:10		1	O-Ring ● ■
43:11		1	O Ring-Molded ● ■
43:12		2	Ring-Retaining ■
43:13		1	O-Ring ■ ●

● Not illustrated

■ Not serviced separately

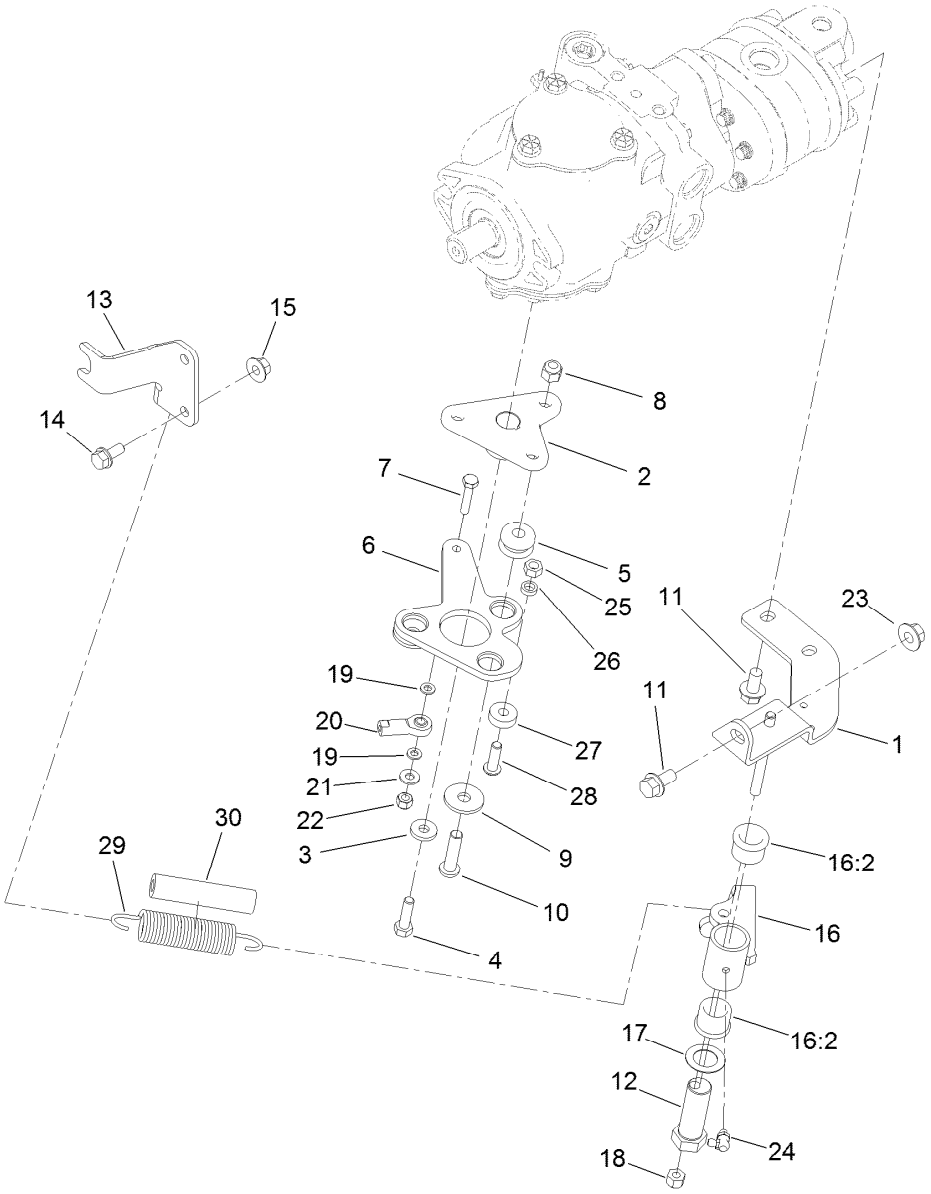


Gear Pump Assembly No. 95-8601

Ref.	*Part Number*	*Qty.*	*Description*
1		1	Plate-Front ■
2		1	Plate-Back ■
3		1	Body ■
4	95-4364	1	Body
5		1	Gear-Drive ■
6		1	Gear-Idler ■
7	95-4366	1	Gear-Idler
9	95-4368	2	Plate-Wear
11	94-8158	8	Screw-Cap
12	94-8161	1	Seal Repair Kit ●
12		4	O-Ring ■
12:1	49-2640	1	Seal-Shaft
12:2	60-5890	1	Washer
12:5		4	O-Ring ■
12:6	120-7576	4	Washer-Sealing
12:7	95-4369	2	Seal-Pressure
12:8	95-4368	2	Plate-Wear
12:9	94-3011	1	Plug
13		1	Plate-Adapter ■
14		1	Key ■
16	95-4373	1	Gear-Fit, Slip
19	49-2640	1	Seal-Shaft
20	60-5890	1	Washer

● Not illustrated

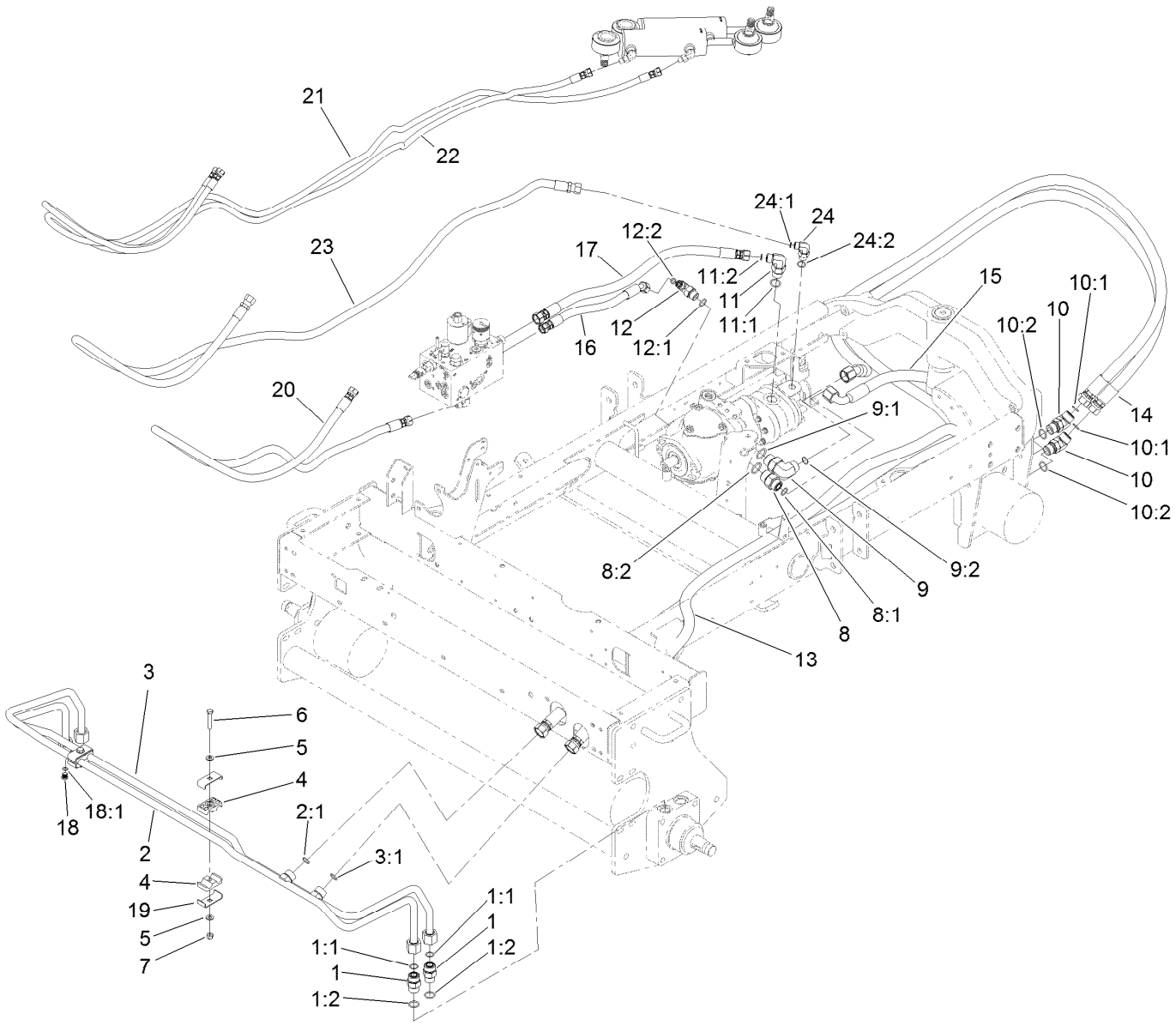
■ Not serviced separately



Neutral Arm Assembly

Ref.	Part Number	Qty.	Description
1	95-8960-03	1	Bracket-Neutral
2	120-5566	1	Hub
3	88-7200	1	Washer-Flat
4	3210-6	1	Screw-HH
5	63-9750	3	Mount
6	99-3594-03	1	Lever-Pump
7	321-8	1	Screw-HH
8	3296-39	3	Nut-Lock, NI
9	2844	3	Washer
10	95-3857	3	Screw-HSBH
11	3234-1	3	Screw-HHF
12	76-8640	1	Stud-Traction
13	104-0464-03	1	Bracket-Support, Cable
14	3234-5	2	Screw-HHF
15	32128-44	2	Nut
16	104-0422	1	Neutral Arm ASM

Ref.	Part Number	Qty.	Description
16:2	256-113	2	Bushing-Flange
17	3-6498	1	Washer-Thrust
18	3296-29	1	Nut-Lock, NI
19	33093-00	2	Washer-Flat
20	2411-41	1	Rod End-Ball Joint
21	3256-22	1	Washer-Flat
22	3296-42	1	Nut-Lock, NI
23	32128-43	1	Nut-Flange
24	302-60	1	Fitting-Grease
25	32153-3	1	Nut-Hex, Side Deform
26	100-4817	1	Spacer
27	251-259	1	Bearing-Ball
28	3274-104	1	Screw-HSBH
29	94-1369	1	Spring-Extension
30	99-3556	1	Hose

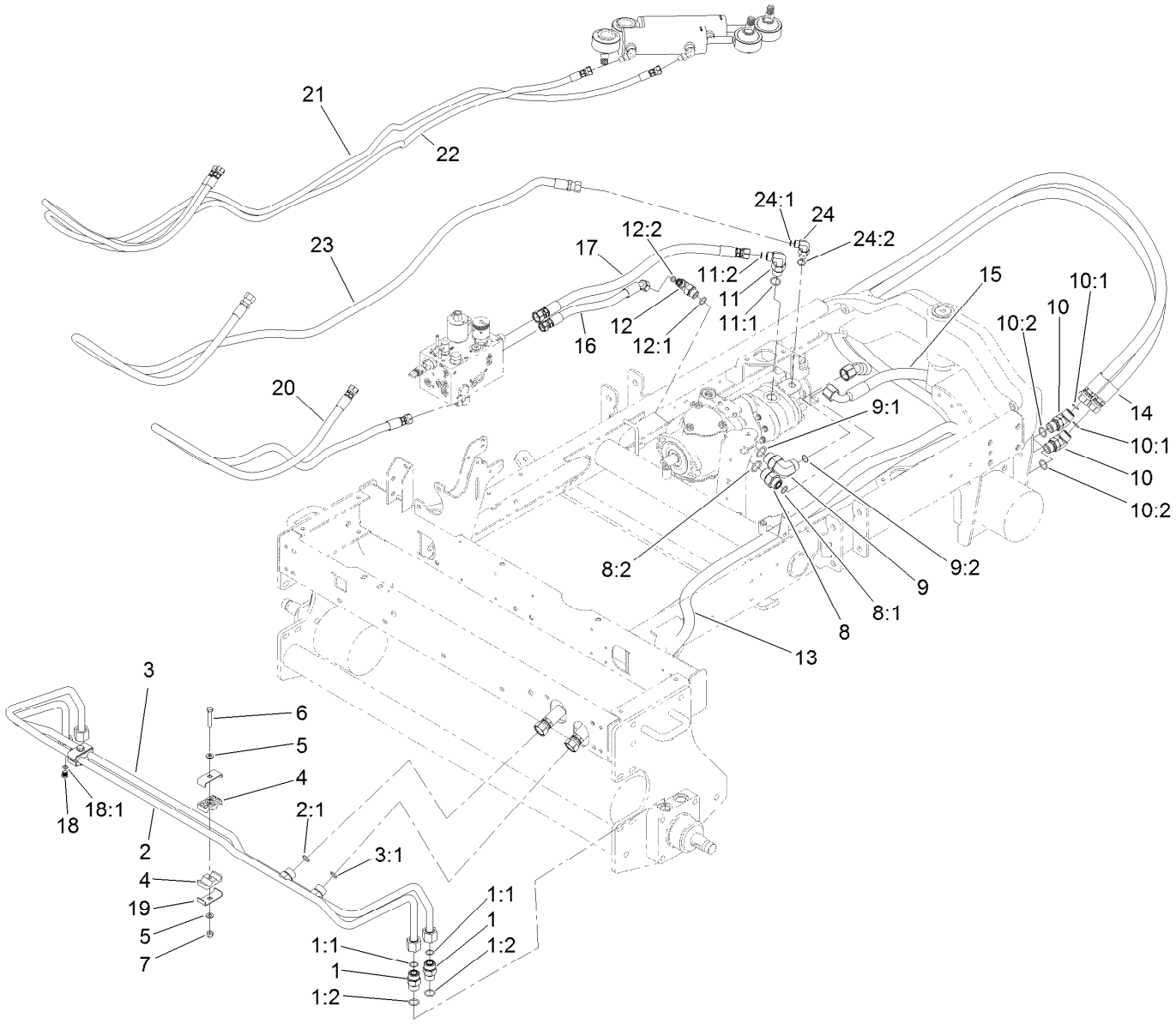


Traction and Steering Circuit Assembly

Ref.	Part Number	Qty.	Description
1	340-7	4	Fitting-Straight
1:1	237-65	1	O-Ring
1:2	237-80	1	O-Ring
2	95-8783	1	Tube ASM
2:1	237-65	1	O-Ring
3	95-8784	1	Tube ASM
3:1	237-65	1	O-Ring
4	56-7971	4	Clamp-Tube
5	3256-23	4	Washer-Plain
6	322-9	2	Screw-HH
7	3296-29	2	Nut-Lock, NI
8	340-8	1	Fitting-Straight
8:1	237-65	1	O-Ring
8:2	237-81	1	O-Ring
9	340-139	1	Fitting-Elbow 90
9:1	237-81	1	O-Ring
9:2	237-65	1	O-Ring
10	340-14	2	Fitting-HYD, 45 DEG

Ref.	Part Number	Qty.	Description
10:1	237-65	1	O-Ring
10:2	237-80	1	O-Ring
11	340-105	1	Fitting-Elbow, 90 DEG
11:1	237-80	1	O-Ring
11:2	237-30	1	O-Ring
12	340-18	1	Fitting-HYD, 90 DEG
12:1	237-79	1	O-Ring
12:2	237-22	1	O-Ring
13	105-1221	1	Hose ASM
14	105-1222	1	Hose ASM
15	105-1214	1	Hose-HYD
16	106-4197	1	Hose ASM
17	95-8829	1	Hose ASM
18	353-990	1	Plug ASM
18:1	237-78	1	O-Ring
19	119-1419	4	Plate-Clamp
20	95-8842	1	Hose-HYD
21	95-8845	1	Hose ASM

● Not illustrated

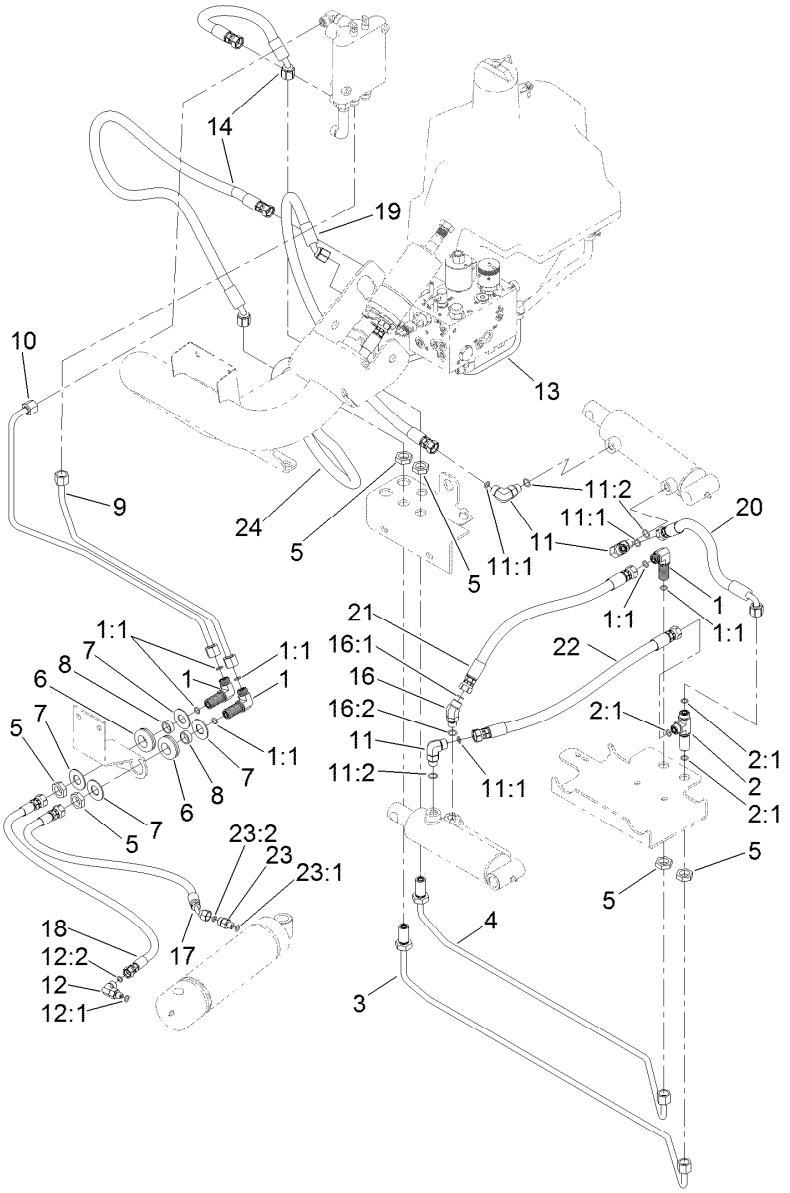


Traction and Steering Circuit Assembly (continued)

Ref.	Part Number	Qty.	Description
22	95-8844	1	Hose ASM
23	95-8846	1	Hose-HYD
24	340-77	1	Fitting-Elbow, 90 DEG

Ref.	Part Number	Qty.	Description
24:1	237-22	1	O-Ring
24:2	237-42	1	O-Ring
99	3290-378	2	Tie-Cable ●

● Not illustrated

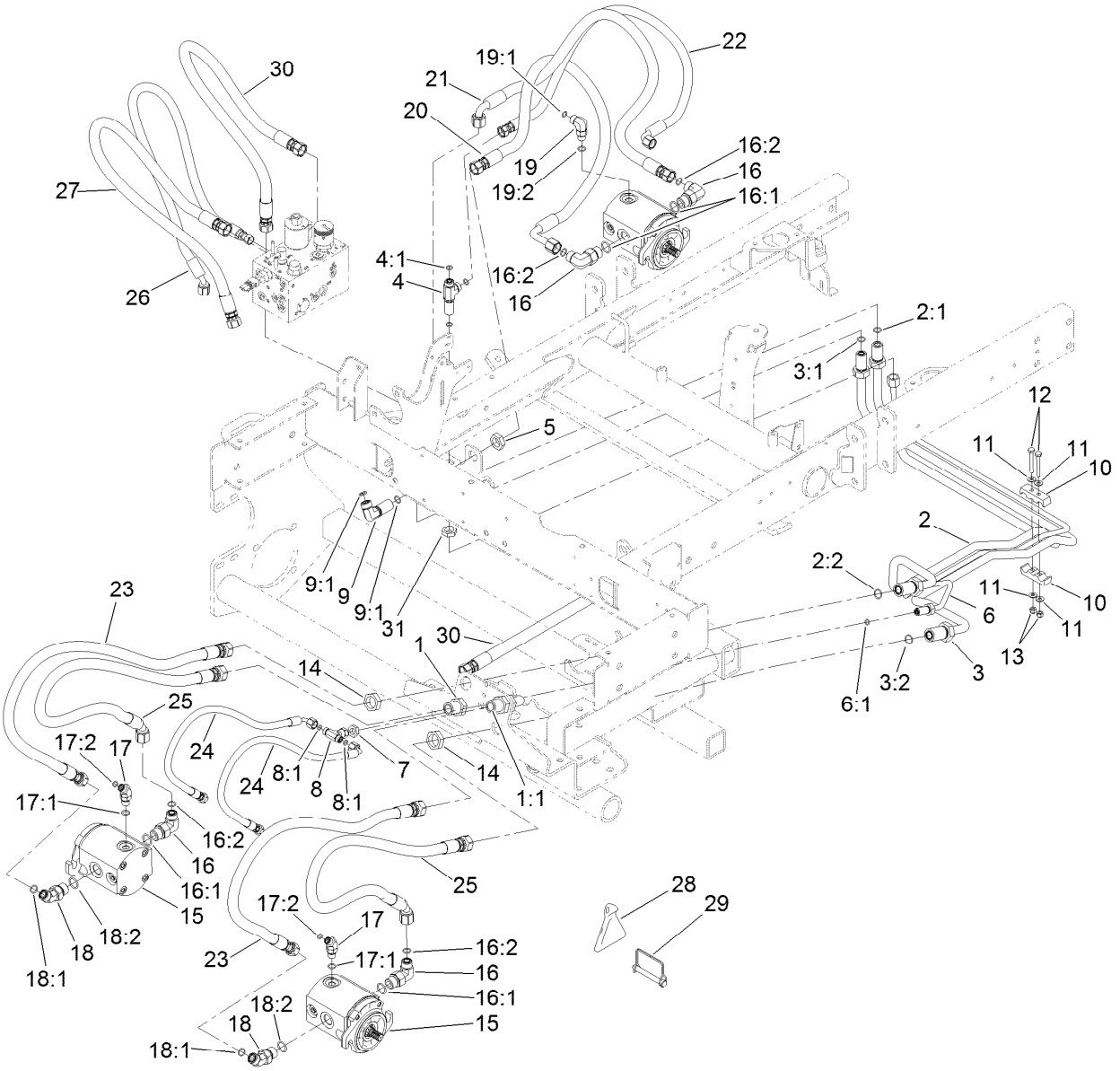


Lift Circuit Assembly

Ref.	Part Number	Qty.	Description
1	340-154	3	Union-Bulkhead
1:1	237-22	2	O-Ring
2	340-68	1	Fitting-Tee, Bulkhead
2:1	237-22	3	O-Ring
3	95-8984	1	Tube-HYD
4	95-8983	1	Tube-HYD
5	340-70	6	Nut-Lock
6	240-4	2	Grommet-Rubber
7	69-8940	4	Washer
8	69-8970	2	Spacer
9	95-8791	1	Tube-HYD
10	95-8790	1	Tube-HYD
11	340-77	3	Fitting-Elbow, 90 DEG
11:1	237-22	1	O-Ring
11:2	237-42	1	O-Ring
12	340-132	1	Fitting-Elbow, 90 DEG
12:1	237-78	1	O-Ring

Ref.	Part Number	Qty.	Description
12:2	237-21	1	O-Ring
13	95-8792	1	Tube ASM
14	95-8822	2	Hose-HYD
16	340-87	1	Fitting-Elbow, 45 DEG
16:1	237-22	1	O-Ring
16:2	237-42	1	O-Ring
17	95-8838	1	Hose-HYD
18	95-8839	1	Hose-HYD
19	95-8823	1	Hose ASM
20	95-8831	1	Hose-HYD
21	117-5147	1	Hose-HYD
22	117-5147	1	Hose-HYD
23	85-9720	1	Fitting-STR, Orifice
23:1	237-78	1	O-Ring
23:2	237-21	1	O-Ring
24	95-8843	1	Hose-HYD
99	3290-378	1	Tie-Cable ●

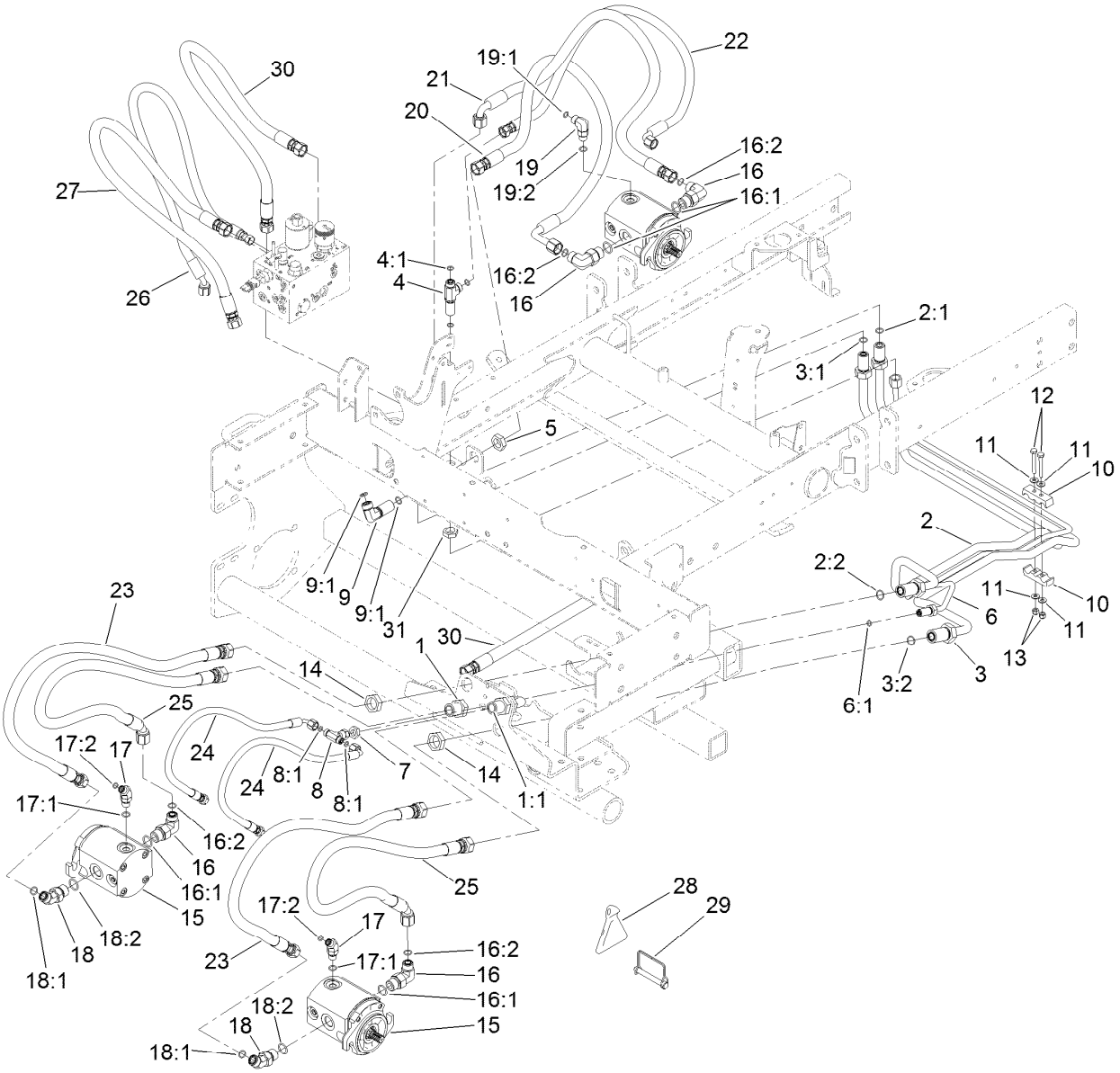
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Hydraulic Mow Circuit Assembly

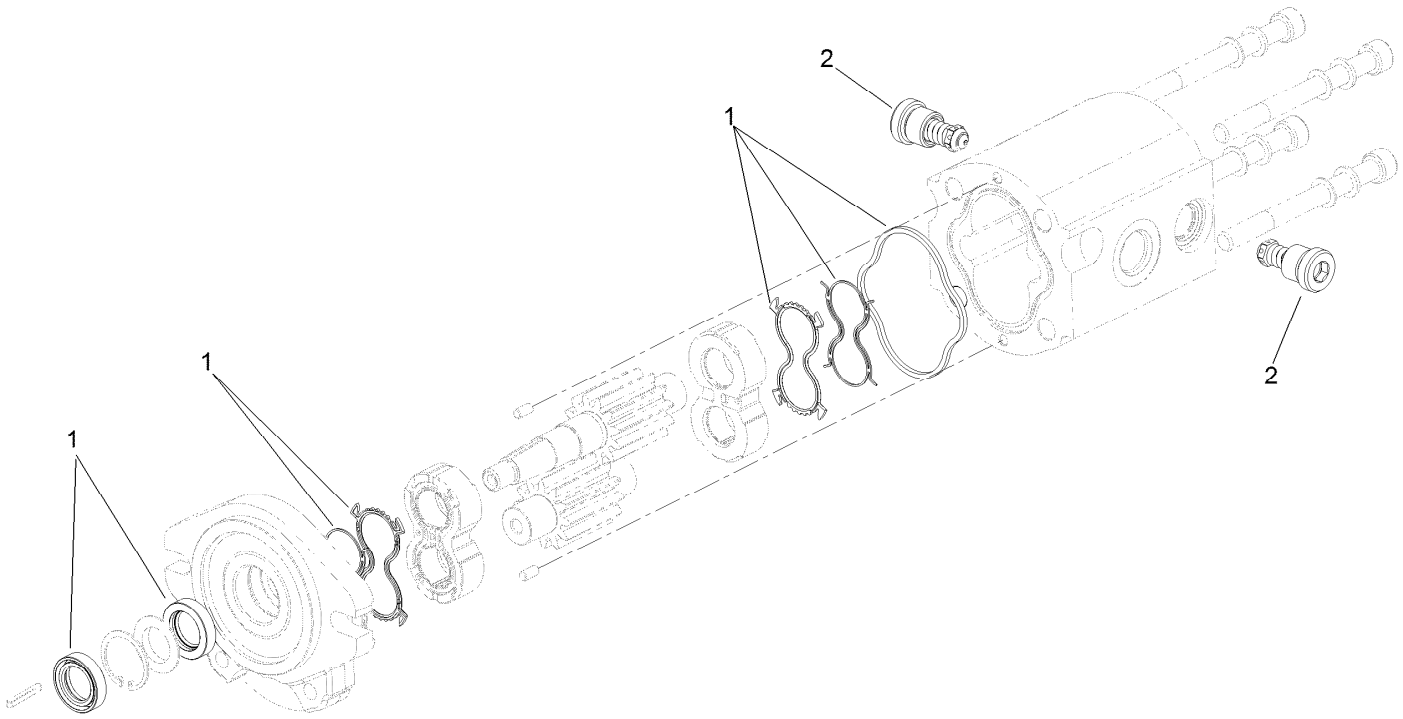
Ref.	Part Number	Qty.	Description
1	99-3640	1	Tube ASM
1:1	237-65	2	O-Ring
2	95-8980	1	Tube ASM
2:1	237-30	1	O-Ring
2:2	237-65	1	O-Ring
3	95-8981	1	Tube ASM
3:1	237-30	1	O-Ring
3:2	237-65	1	O-Ring
4	340-68	1	Fitting-Tee, Bulkhead
4:1	237-22	3	O-Ring
5	340-127	3	Nut-Bulkhead
6	95-8982	1	Tube ASM
6:1	237-21	1	O-Ring
7	340-78	1	Nut-Lock
8	99-3477	1	Fitting-Tee
8:1	237-21	2	O-Ring
9	93-9151	1	Fitting-HYD
9:1	237-30	2	O-Ring
10	93-2509	2	Clamp-Tube
11	3256-22	4	Washer-Flat
12	321-11	2	Screw-HH

Ref.	Part Number	Qty.	Description
13	3296-42	2	Nut-Lock, NI
14	340-74	4	Nut-Lock, Bulkhead
15	115-8250	3	Gear Motor ASM
16	340-105	4	Fitting-Elbow, 90 DEG
16:1	237-80	1	O-Ring
16:2	237-30	1	O-Ring
17	340-137	2	Fitting
17:1	237-21	1	O-Ring
17:2	237-42	1	O-Ring
18	340-89	2	Fitting-HYD, 45 DEG
18:1	237-30	1	O-Ring
18:2	237-80	1	O-Ring
19	340-77	1	Fitting-Elbow, 90 DEG
19:1	237-22	1	O-Ring
19:2	237-42	1	O-Ring
20	117-5145	1	Hose-HYD
21	117-5146	1	Hose-HYD
22	114-5500	1	Hose-HYD
23	117-5142	2	Hose-HYD
24	117-5144	2	Hose-HYD
25	117-5143	2	Hose-HYD



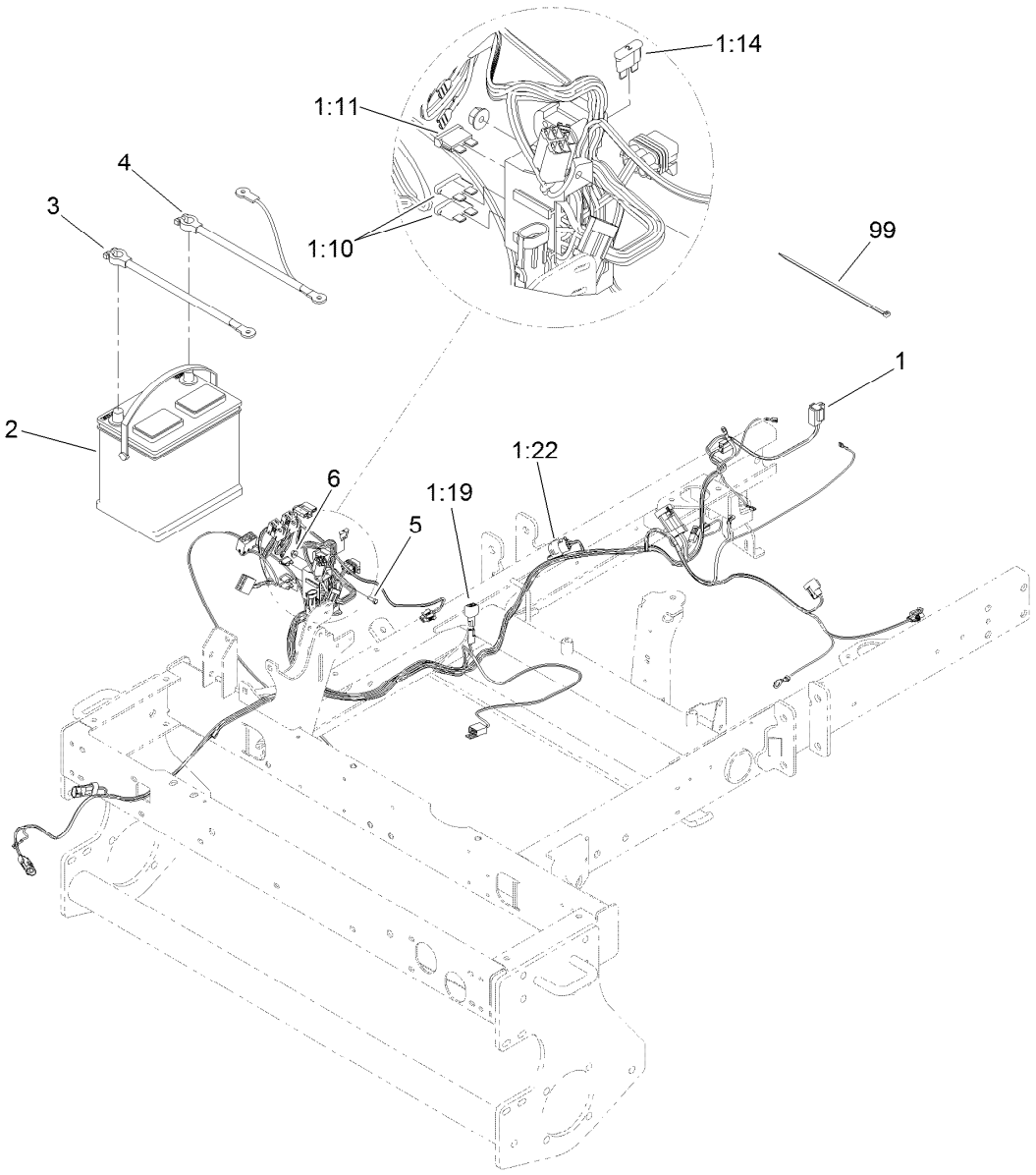
Hydraulic Mow Circuit Assembly (continued)

Ref.	Part Number	Qty.	Description
26	115-3411	1	Hose-HYD
27	95-8824	1	Hose ASM
28	119-8010-03	1	Kickstand
29	107-7400	1	Pin-Lynch
30	95-8820	1	Hose ASM
31	340-70	1	Nut-Lock



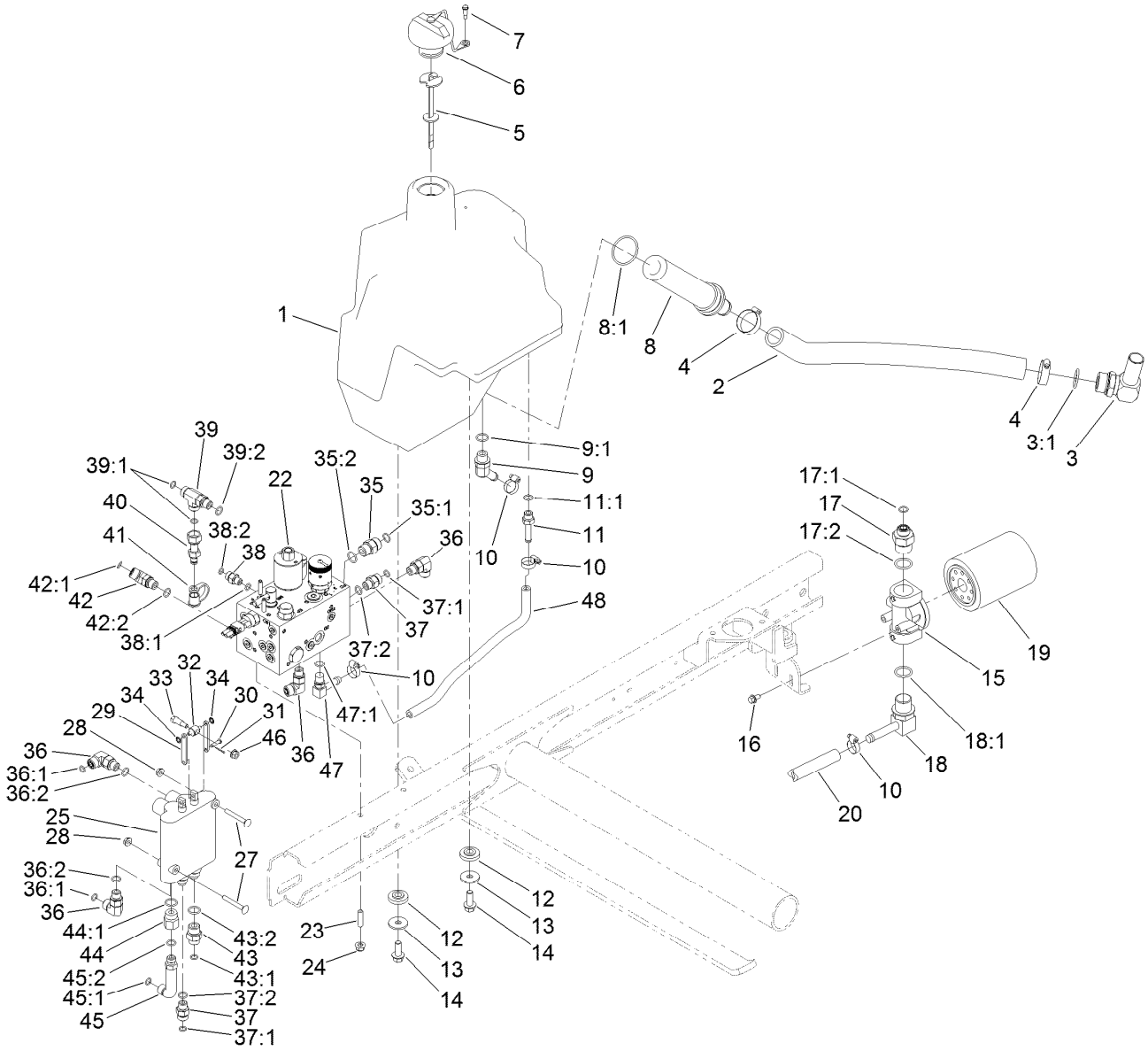
Gear Motor Assembly No. 115-8250

Ref.	*Part Number*	*Qty.*	*Description*
1	125-1682	1	Motor Seal Kit
2	117-5107	2	Valve-Check



Wire Harness and Battery Assembly

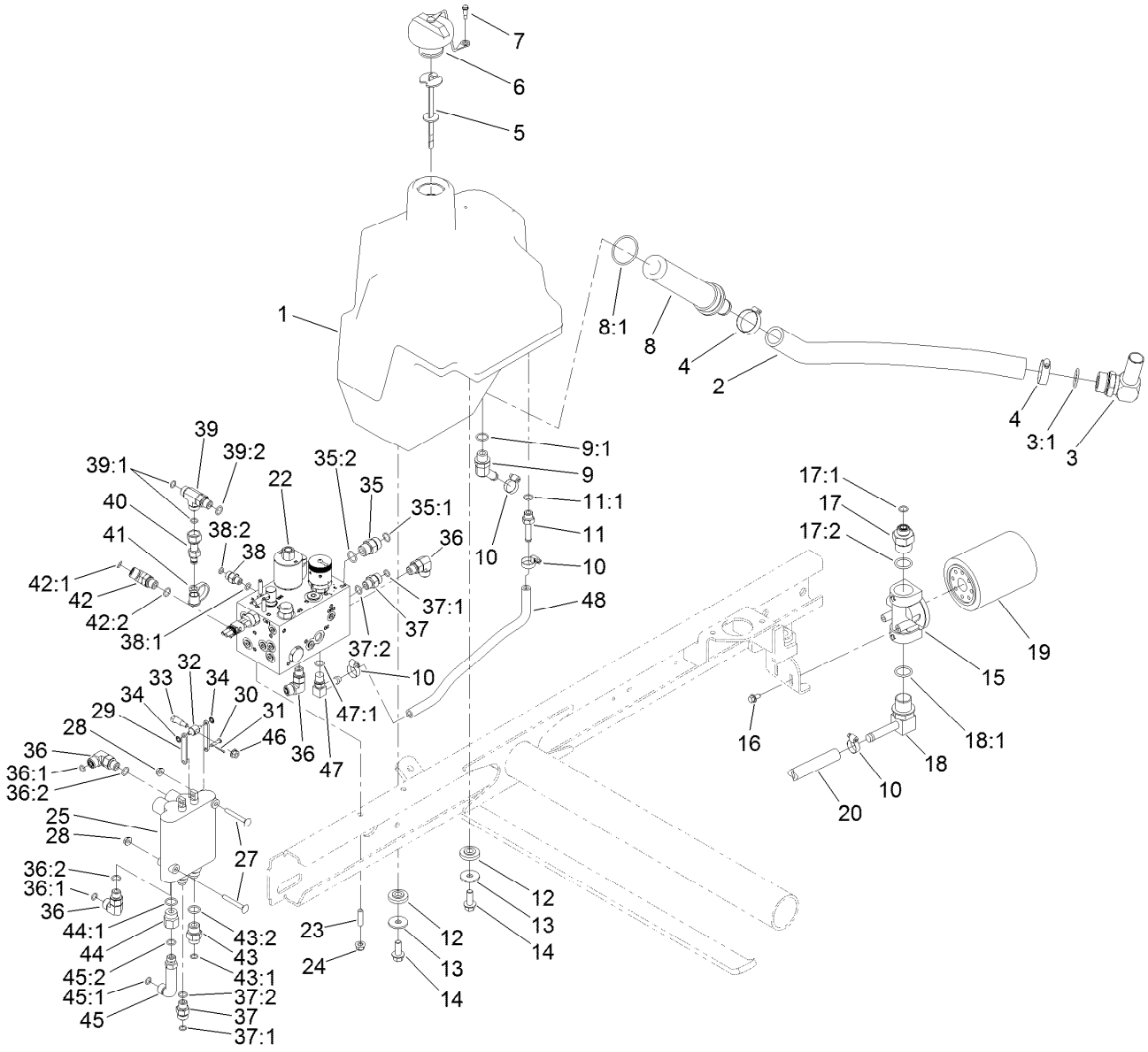
Ref.	*Part Number*	*Qty.*	*Description*
1	122-1523	1	Harness-Wire
1:10	218-578	2	Fuse-Blade, 10 Amp
1:11	109355	1	Fuse-Blade, 15 Amp
1:14	94-6710	1	Fuse-2 Amp
1:19	100-4918	1	Diode
1:22	32180-156	1	Cap-Plug, 6 Way
2	104-0496	1	Battery (Group 55, Wet)
3	95-8853	1	Cable-Battery, Positive
4	95-8854	1	Cable-Battery, Negative
5	3290-134	2	Screw
6	3290-148	2	Nut-HF
99	3290-378	8	Tie-Cable



Hydraulic Tank and Control Valve Assembly

Ref.	Part Number	Qty.	Description
1	104-4840	1	Tank-HYD
2	104-4845	1	Hose-Suction
3	56-9530	1	Fitting-HYD, 90 DEG
3:1	237-117	1	O-Ring
4	2412-34	2	Clamp-Hose
5	119-6968	1	Dipstick-Oil
6	93-7160	1	Cap-Oil, HYD
7	57-5420	1	Screw-Shoulder
8	104-7546	1	Tank Strainer ASM
8:1	340-136	1	O-Ring
9	354-126	1	Fitting-Elbow, 45
9:1	237-79	1	O-Ring
10	2412-36	4	Clamp-Hose
11	353-979	1	Fitting-STR
11:1	237-42	1	O-Ring
12	240-11	4	Bushing-Flange
13	63-8410	4	Washer
14	3234-11	4	Screw-HHF
15	92-5821	1	Head-Filter
16	3234-13	2	Screw-HHF
17	100-4240	1	Fitting-STR

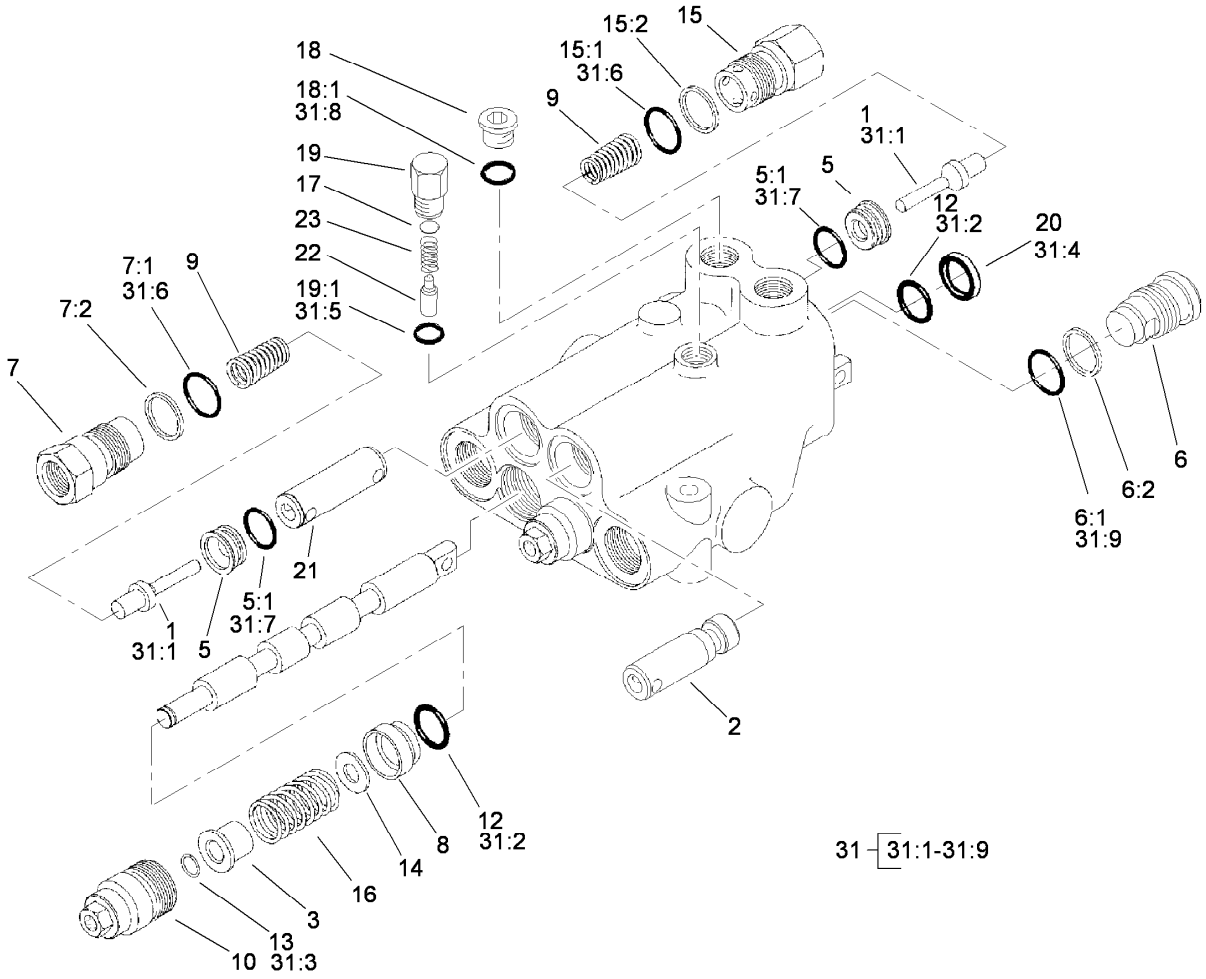
Ref.	Part Number	Qty.	Description
17:1	237-30	1	O-Ring
17:2	237-81	1	O-Ring
18	95-8814	1	Fitting-90
18:1	237-81	1	O-Ring
19	54-0110	1	Filter-Oil, Transmission
20	99-3501	1	Hose
22	108-9037	1	Manifold ASM
23	104-0430	2	Stud
24	104-8300	2	Nut-HF, NI
25	95-8581	1	2-Spool Control Valve ASM
27	3230-33	2	Screw-CARR
28	32128-33	2	Nut-HF
29	95-8634	4	Link
30	283-16	3	Pin-Clevis
31	3272-1	3	Pin-Cotter
32	95-8638	1	Trunnion-Valve, Actuator
33	92-8916	1	Bolt-Shoulder
34	32151-106	2	Ring-Retaining
35	340-4	3	Fitting-Straight
35:1	237-30	1	O-Ring
35:2	237-79	1	O-Ring



Hydraulic Tank and Control Valve Assembly (continued)

Ref.	Part Number	Qty.	Description
36	340-77	4	Fitting-Elbow, 90 DEG
36:1	237-22	1	O-Ring
36:2	237-42	1	O-Ring
37	340-2	2	Fitting-Straight
37:1	237-22	1	O-Ring
37:2	237-42	1	O-Ring
38	340-92	1	Fitting-Straight
38:1	237-78	1	O-Ring
38:2	237-21	1	O-Ring
39	340-86	1	Fitting-Tee
39:1	237-22	2	O-Ring
39:2	237-42	1	O-Ring
40	86-5480	1	Nipple-Test
41	354-79	1	Cap-Dust
42	340-87	1	Fitting-Elbow, 45 DEG

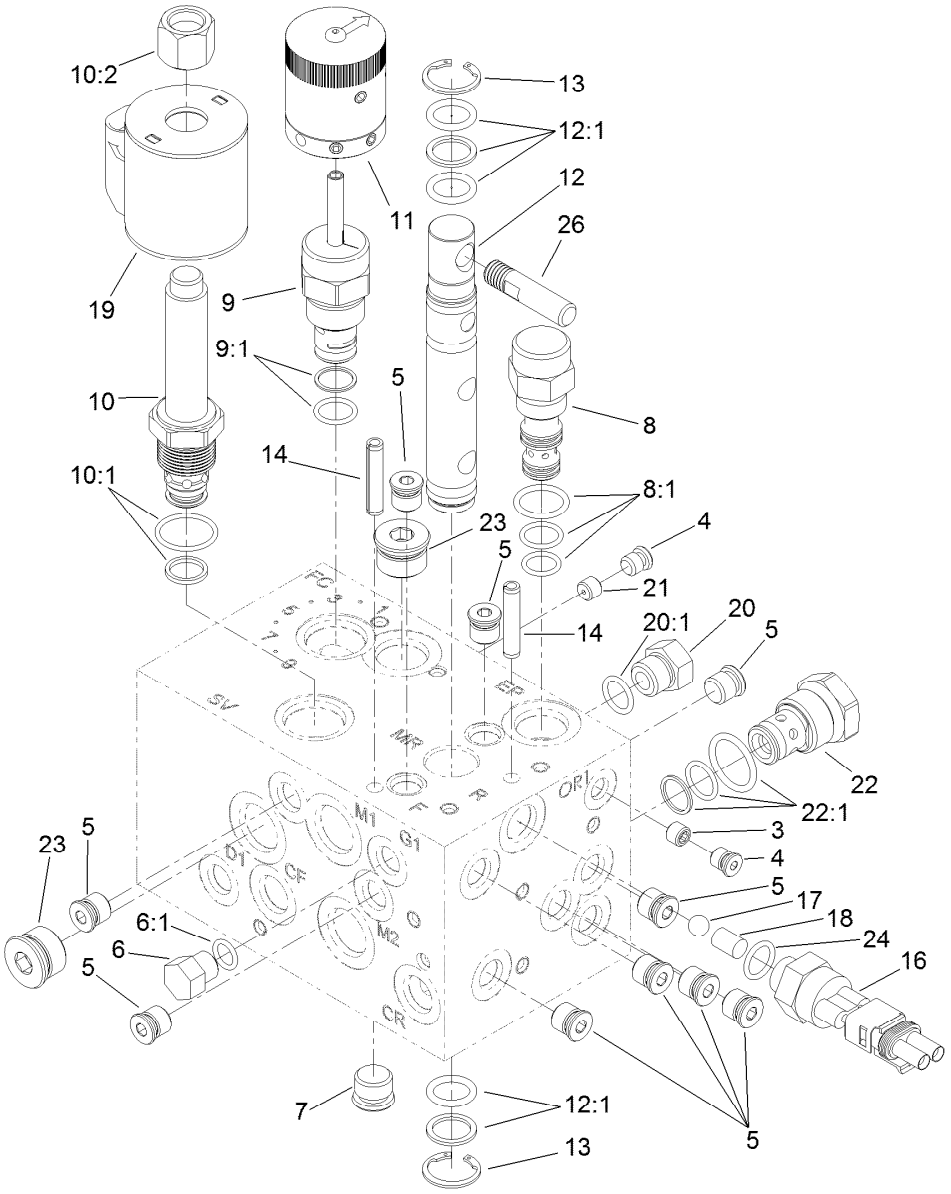
Ref.	Part Number	Qty.	Description
42:1	237-22	1	O-Ring
42:2	237-42	1	O-Ring
43	340-3	1	Fitting-Straight
43:1	237-22	1	O-Ring
43:2	237-79	1	O-Ring
44	353-397	1	Reducer-Adapter
44:1	237-79	1	O-Ring
45	69-4320	1	Fitting-HYD, 90 DEG
45:1	237-22	1	O-Ring
45:2	237-42	1	O-Ring
46	32128-32	1	Nut-HHF
47	100-4887	1	Fitting-Elbow, 90
47:1	237-42	1	O-Ring
48	80-7342	1	Hose-HYD



Valve Assembly No. 95-8581

Ref.	Part Number	Qty.	Description
1	58-6290	3	Poppet
2	69-1840	1	Plunger
3	58-6310	2	Spacer
5	58-6330	3	Seat
5:1	58-6340	1	O-Ring
6	58-6350	1	Plug
6:1	60-5720	1	O-Ring
6:2	58-6370	1	Washer
7	69-1800	2	Plug ASM
7:1	60-5720	1	O-Ring
7:2	58-6370	1	Washer
8	58-6400	2	Bushing
9	69-1810	3	Spring
10	58-6420	2	Cap
12	58-6450	4	O-Ring
13	58-6460	2	Ring-Retaining
14	65-2770	2	Washer
15	99-3526	1	Plug ASM
15:1	60-5720	1	O-Ring
15:2	59-7730	1	Washer-Backup

Ref.	Part Number	Qty.	Description
16	99-3531	2	Spring
17	60-6450	1	Disc
18	353-989	1	Plug-Hex, Hollow
18:1	237-42	1	O-Ring
19	58-6780	1	Plug
19:1	58-6790	1	O-Ring
20	58-6320	2	Wiper
21	99-3528	1	Plunger
22	58-6770	1	Plunger
23	58-6760	1	Spring
31	99-3530	1	Seal Kit
31:1	58-6290	3	Poppet
31:2	58-6450	4	O-Ring
31:3	58-6460	2	Ring-Retaining
31:4	58-6320	2	Wiper
31:5	58-6790	1	O-Ring
31:6	60-5720	4	O-Ring
31:7	58-6340	2	O-Ring
31:8	237-42	1	O-Ring
31:9	59-7730	2	Washer-Backup

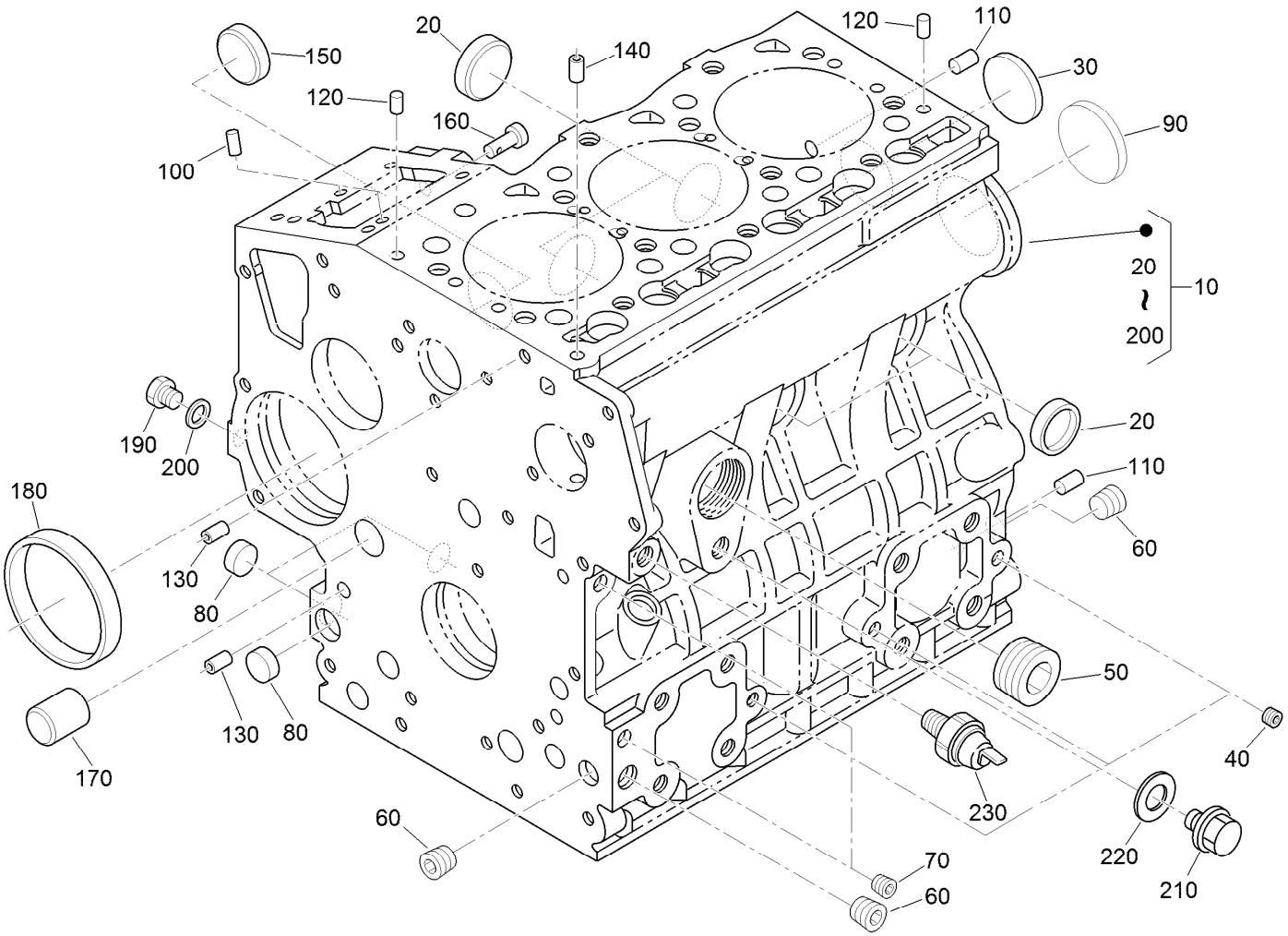


Hydraulic Manifold Assembly No. 108-9037

Ref.	Part Number	Qty.	Description
3	110-8771	1	Orifice-.020
4	106-1024	2	Plug-Leak, Zero
5	106-1025	10	Plug-HYD
6	353-512	1	Plug
6:1	237-78	1	O-Ring
7	106-1026	1	Plug-HYD
8	110-8770	1	Logic Element
8:1	110-8773	1	Seal Kit
9	110-8769	1	Valve-Control, Manual Flow
9:1	110-2633	1	Seal Kit
10	110-8768	1	Valve-Relief, Solenoid (3000 PSI)
10:1	110-6316	1	Seal Kit
10:2	130-8180	1	Nut-Coil (9/16-24 Unef-2B)
11	110-8767	1	Rotary Handle ASM
12	117-0108	1	Spool-Rotary

Ref.	Part Number	Qty.	Description
12:1	117-0109	1	Seal Kit
13	112-6532	2	Ring-Retaining
14	112-6531	2	Pin-Spring
16	72-4310	1	Switch-Ball
17	110-8762	1	Ball-Chrome
18	110-8761	1	Pin-Dowel
19	110-6344	1	Coil-12V, DC
20	353-508	1	Plug-HH
20:1	237-42	1	O-Ring
21	110-8760	1	Orifice-.073
22	110-8759	1	Valve-Relief
22:1	110-8772	1	Seal Kit ●
23	106-1027	2	Plug
24	110-8757	1	O-Ring
26	110-8758	1	Handle-Spool

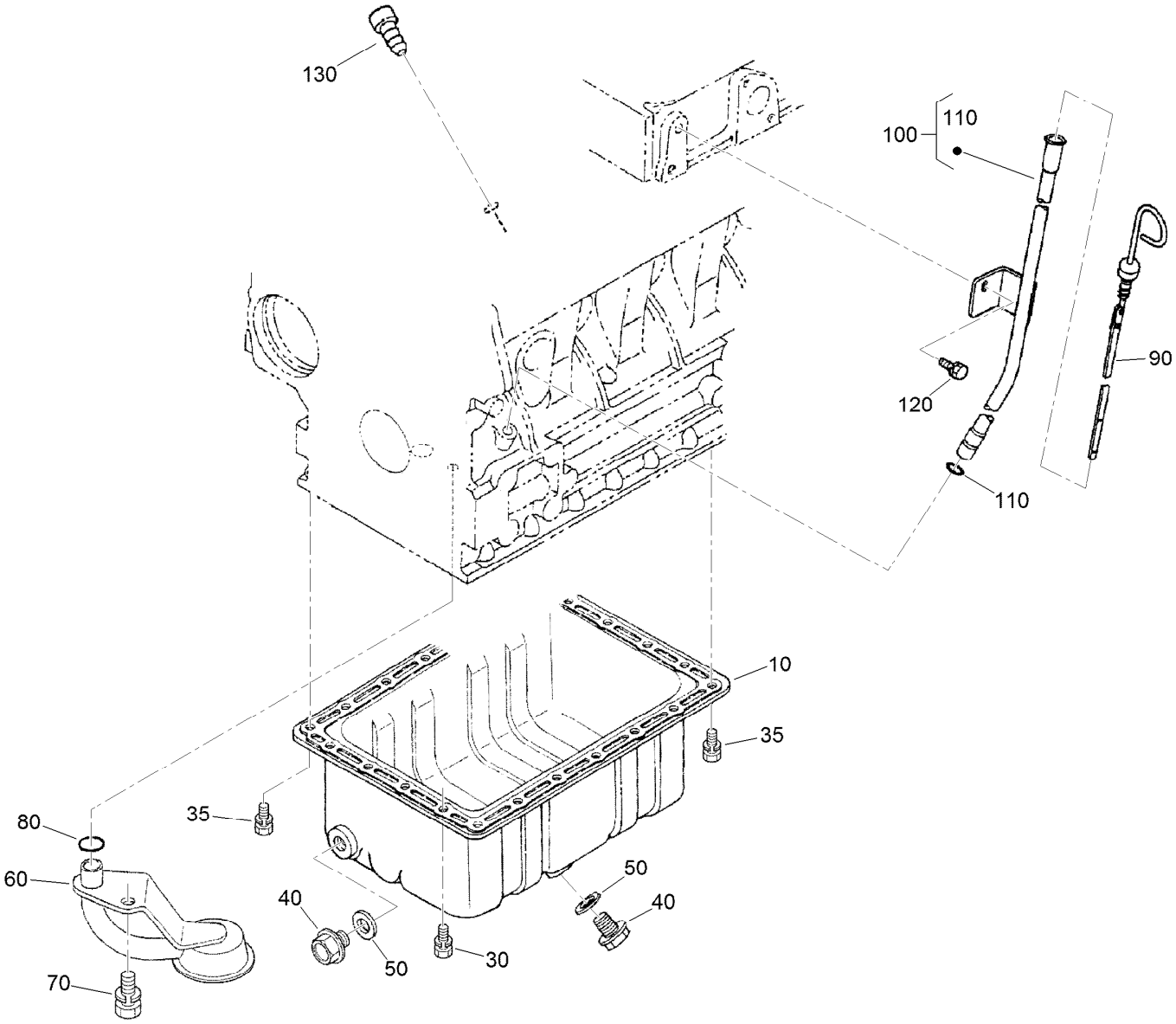
● Not illustrated



Crankcase Assembly

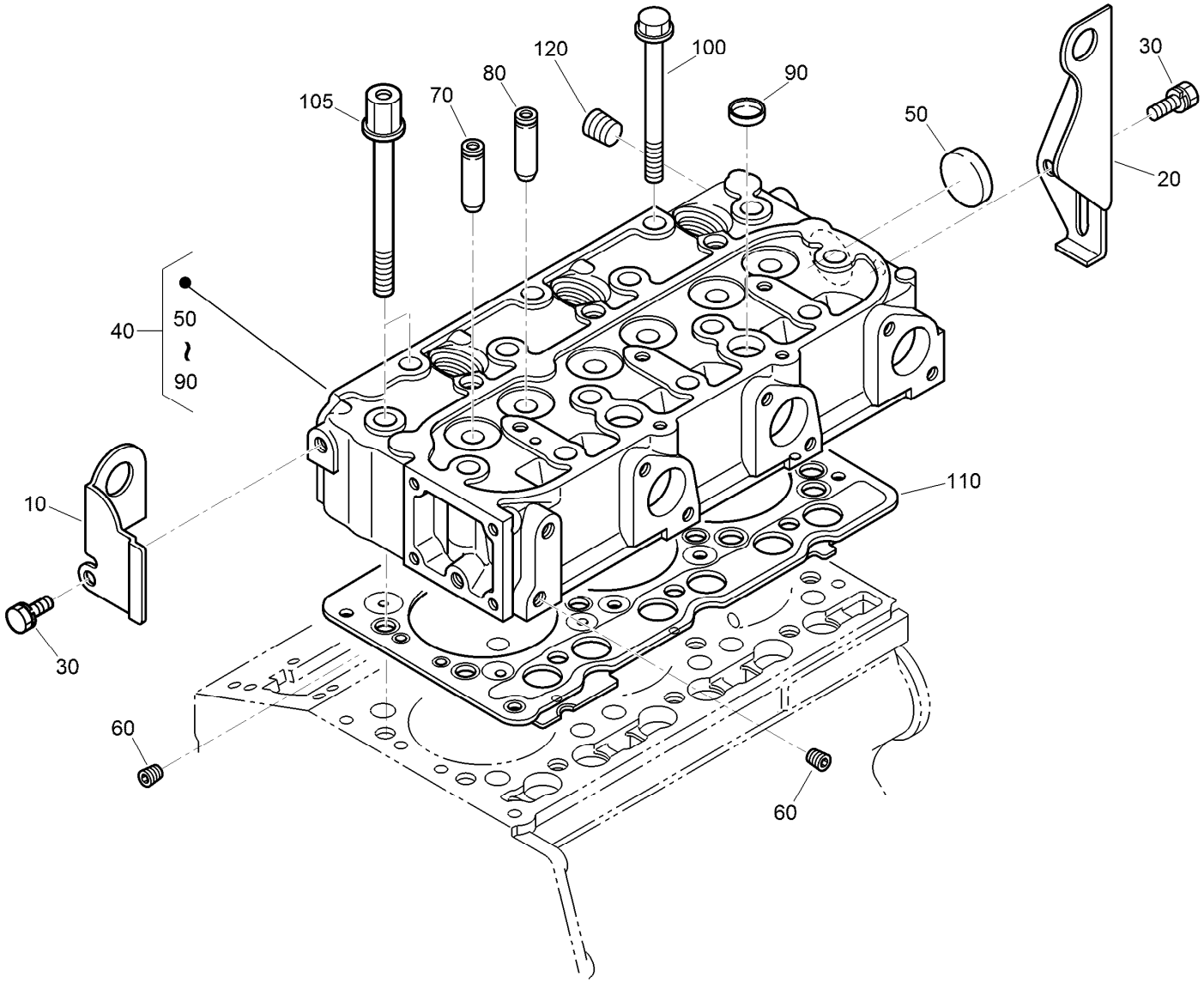
Ref.	Part Number	Qty.	Description
10	115-3443	1	Crankcase ASM
20	98-9398	4	Cap-Sealing
30	98-7539	1	Cap-Sealing
40	98-9687	3	Plug
50	105-3779	1	Plug
60	98-9597	3	Plug
70	98-7487	2	Plug
80	98-9379	3	Plug-Expansion
90	98-9668	1	Plug-Expansion
100	98-9375	2	Pin-Straight
110	98-9377	2	Pin-Straight
120	98-9376	2	Pin-Straight

Ref.	Part Number	Qty.	Description
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	120-2559	1	Plug
200	98-7428	1	Gasket
210	99-3447	1	Plug
220	106-7056	1	Gasket
230	98-9416	1	Switch-Oil



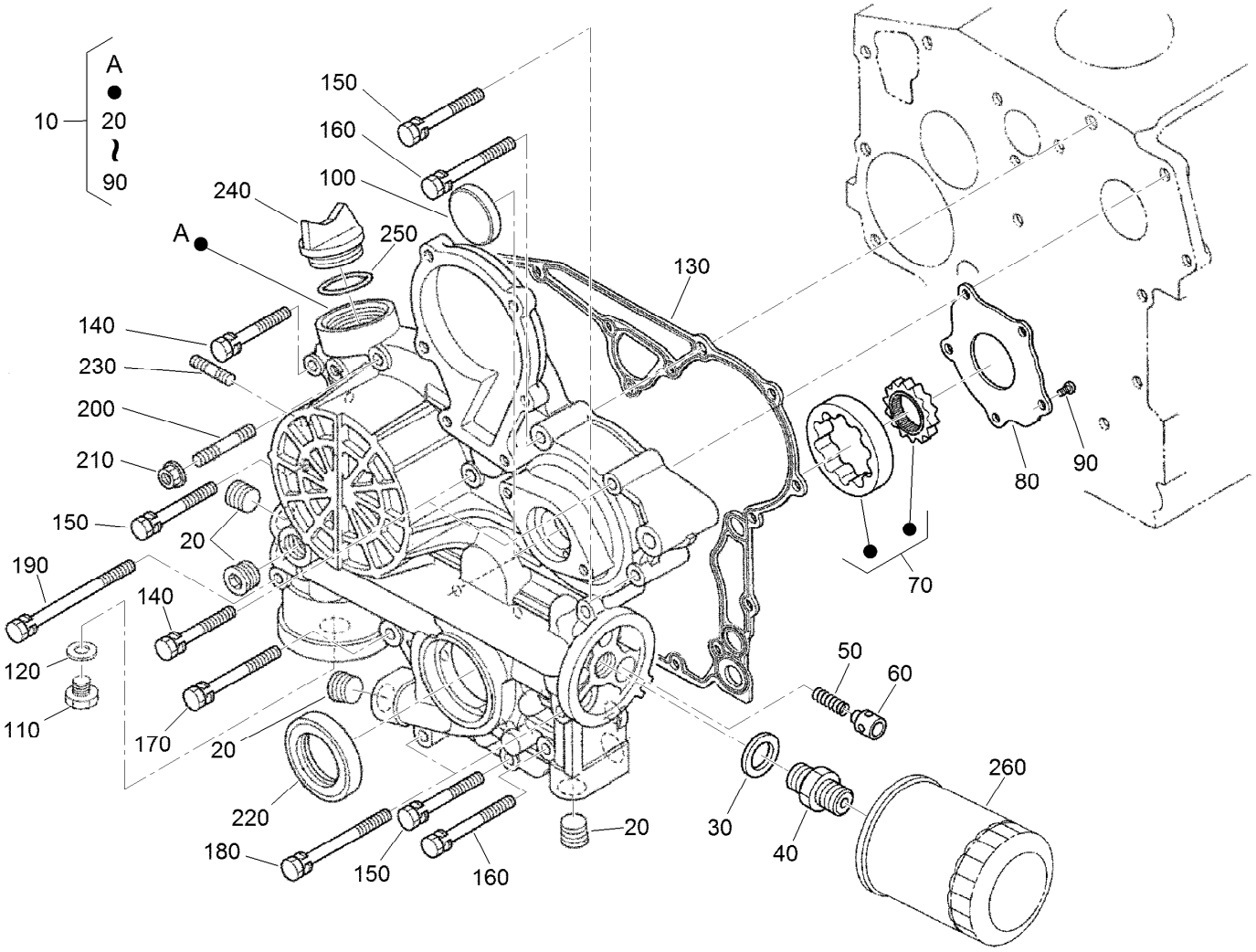
Oil Pan and Dipstick Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	98-9685	1	Pan-Oil
30	98-9351	20	Bolt
35	98-9351	2	Bolt
40	114-8151	1	Plug-Drain
50	98-7524	1	Gasket
60	108-1401	1	Base-Filter
70	98-7526	1	Bolt
80	105-3776	1	O-Ring
90	98-9670	1	Gauge-Oil
100	98-9672	1	Oil Gauge Guide ASM
110	98-9722	1	O-Ring
120	100-9195	1	Bolt
130	110-3720	1	Plug-Gauge, Oil



Cylinder Head Assembly

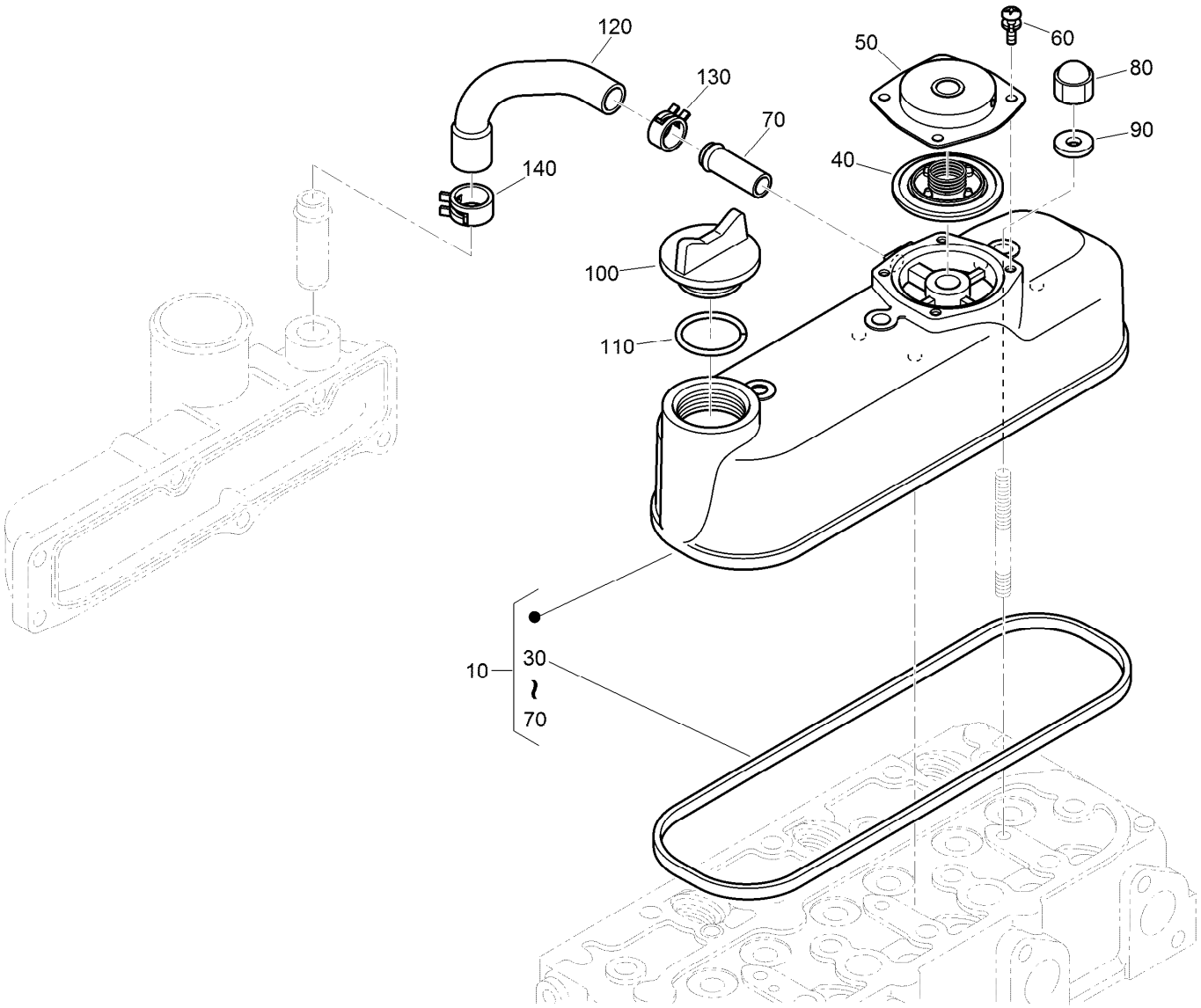
Ref.	*Part Number*	*Qty.*	*Description*
10	130-1231	1	Hook-Engine
20	98-9478	1	Hook-Engine
30	100-9195	2	Bolt
40	138-6997	1	Cylinder Head ASM
50	105-3705	1	Cap-Sealing
60	98-9687	2	Plug
70	107-9066	3	Guide-Valve, Inlet
80	107-9067	3	Guide-Valve, Exhaust
90	98-9389	2	Cap-Sealing
100	98-9479	12	Bolt-Head, Cylinder
105	98-9647	2	Bolt-Head, Cylinder
110	108-6573	1	Gasket-Head, Cylinder
120	98-9444	1	Plug



Gear Case and Oil Filter Cartridge Assembly

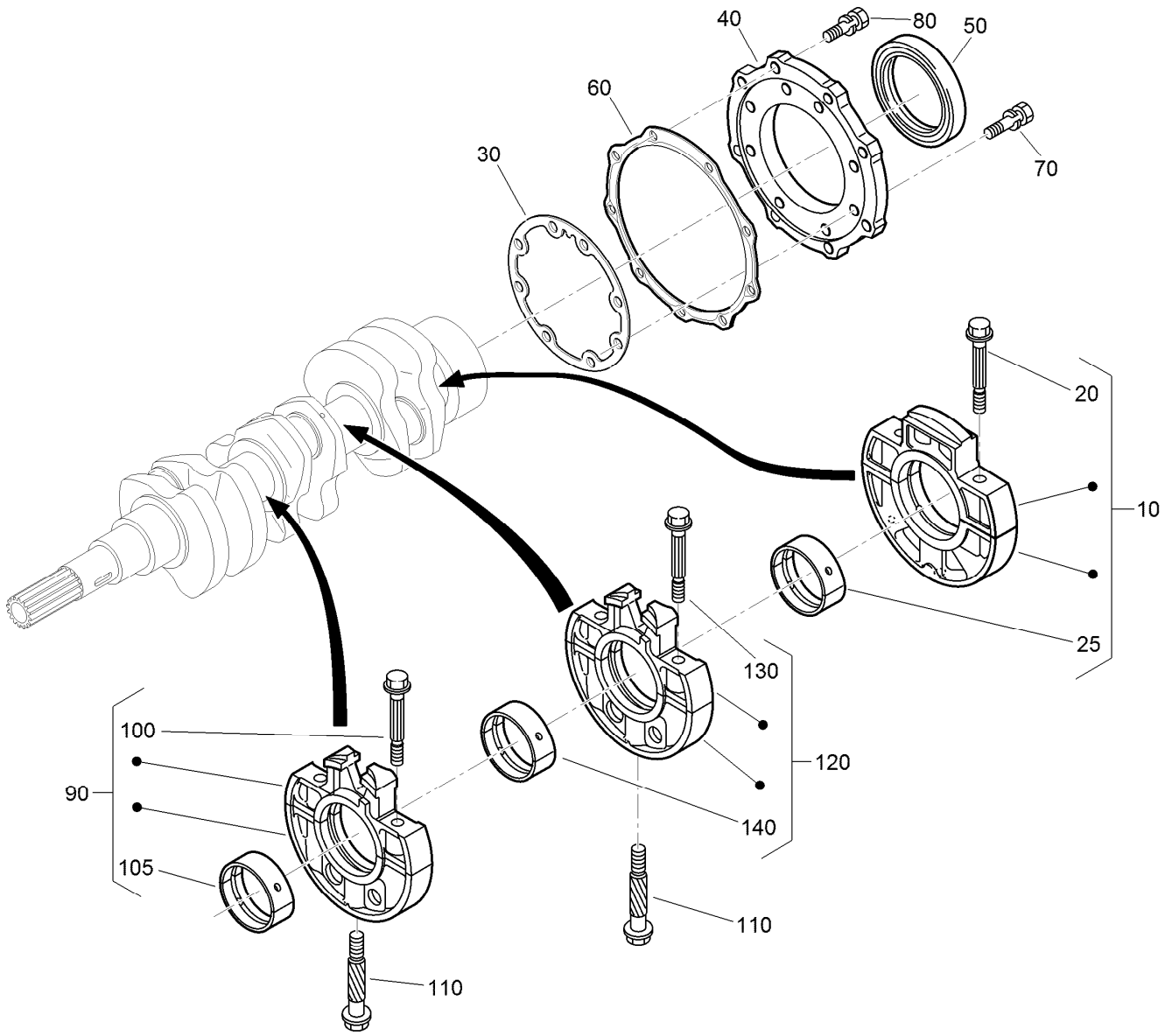
Ref.	Part Number	Qty.	Description
10	115-3442	1	Comp Gear Case
20	127-0425	5	Plug
30	98-7562	1	Washer-Plain
40	98-9388	1	Joint-Pipe
50	130-1511	1	Spring
60	130-1510	1	Valve-Relief
70	130-1508	1	Rotor ASM
80	130-1509	1	Cover-Pump, Oil
90	130-1164	5	Screw-Binding
100	99-3515	1	Plug-Gearcase
110	99-3450	1	Plug
120	99-3451	1	Plug-Packing
130	98-9633	1	Gasket-Case, Gear

Ref.	Part Number	Qty.	Description
140	100-1765	3	Bolt
150	125-9063	4	Bolt-Sems
160	98-9356	2	Bolt
170	98-9437	1	Bolt
180	99-3510	2	Bolt
190	99-3511	1	Bolt
200	105-3709	1	Stud
210	100-2203	1	Nut-Flange
220	119-8038	1	Seal-Oil
230	105-3710	2	Stud
240	107-9075	1	Plug-Filler, Oil
250	99-3446	1	O-Ring
260	127-0511	1	Filter-Oil



Cylinder Head Cover Assembly

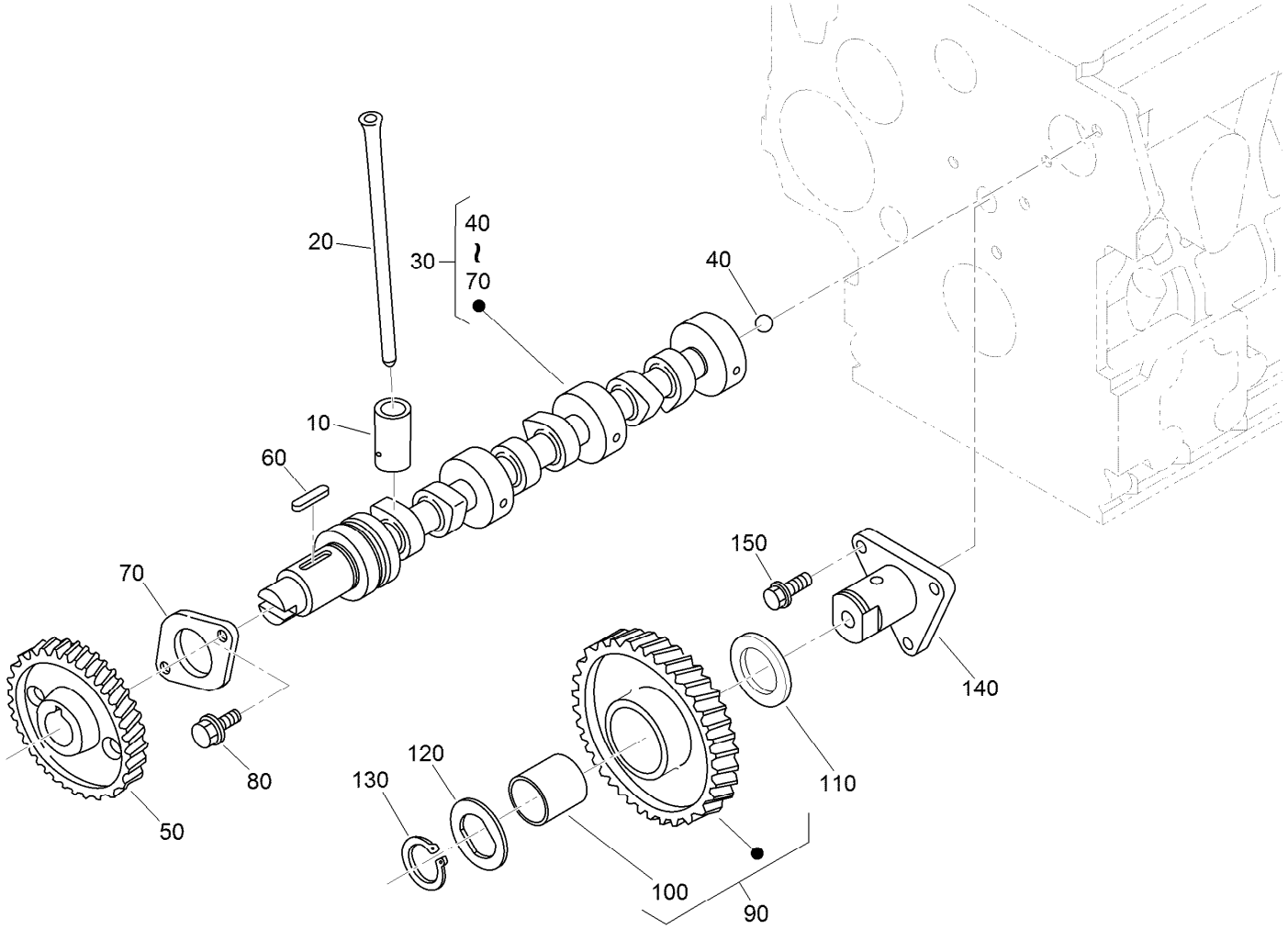
Ref.	*Part Number*	*Qty.*	*Description*
10	115-3446	1	Cylinder Head Cover ASM
30	98-9615	1	Gasket-Cover, Head
40	110-3715	1	Valve-Breather
50	110-3714	1	Cover-Breather
60	98-9364	4	Screw (With Washer)
70	98-7766	1	Pipe-Return, Water
80	98-9455	3	Nut-Cap
90	98-9454	3	Gasket
100	107-9075	1	Plug-Filler,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



Main Bearing Case Assembly

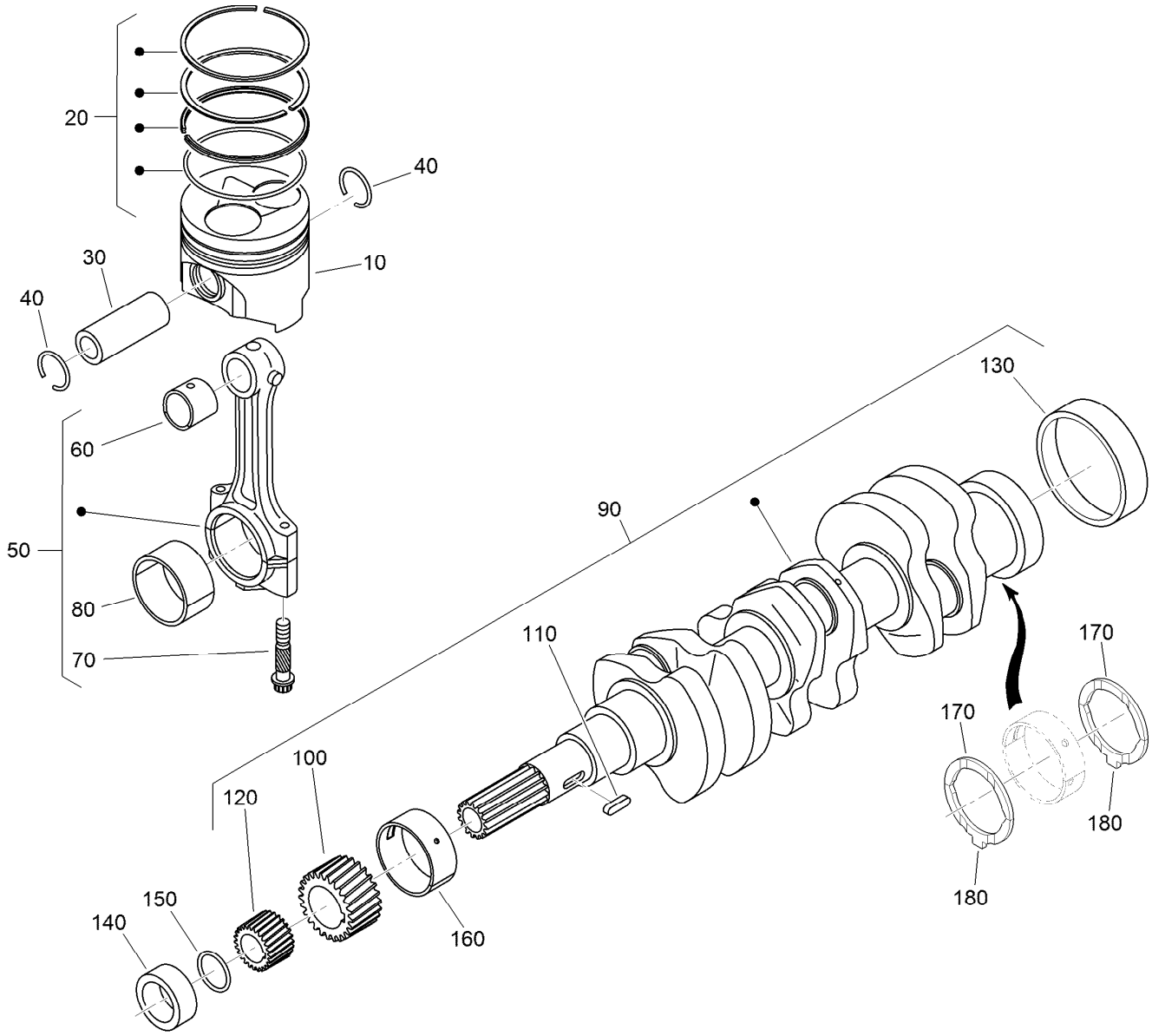
Ref.	Part Number	Qty.	Description
10	112-7026	1	Wheel Bearing Case ASM
20	98-9484	2	Bolt-Case, Bearing
25	115-4121	1	Metal-Crankshaft (STD)
25	112-7039	1	Metal-Crankshaft (0.2Mm)
25	112-7040	1	Metal-Crankshaft (-0.4Mm)
30	131-6554	1	Gasket-Case, Bearing
40	112-7046	1	Cover-Case, Bearing
50	112-0180	1	Seal-Oil
60	112-7037	1	Gasket-Cover, Case
70	127-0441	8	Bolt
80	127-0442	9	Bolt

Ref.	Part Number	Qty.	Description
90	115-4106	1	Main Bearing Case ASM
100	98-9484	2	Bolt-Case, Bearing
105	98-9524	1	Metal-Crankshaft (STD Set)
105	127-0433	1	Metal-Crankshaft (-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
140	98-9524	1	Metal-Crankshaft (STD Set)
140	127-0433	1	Metal-Crankshaft (-0.2MM)
140	98-9531	1	Bearing-Main (0.4MM)



Camshaft and Idle Gear Shaft Assembly

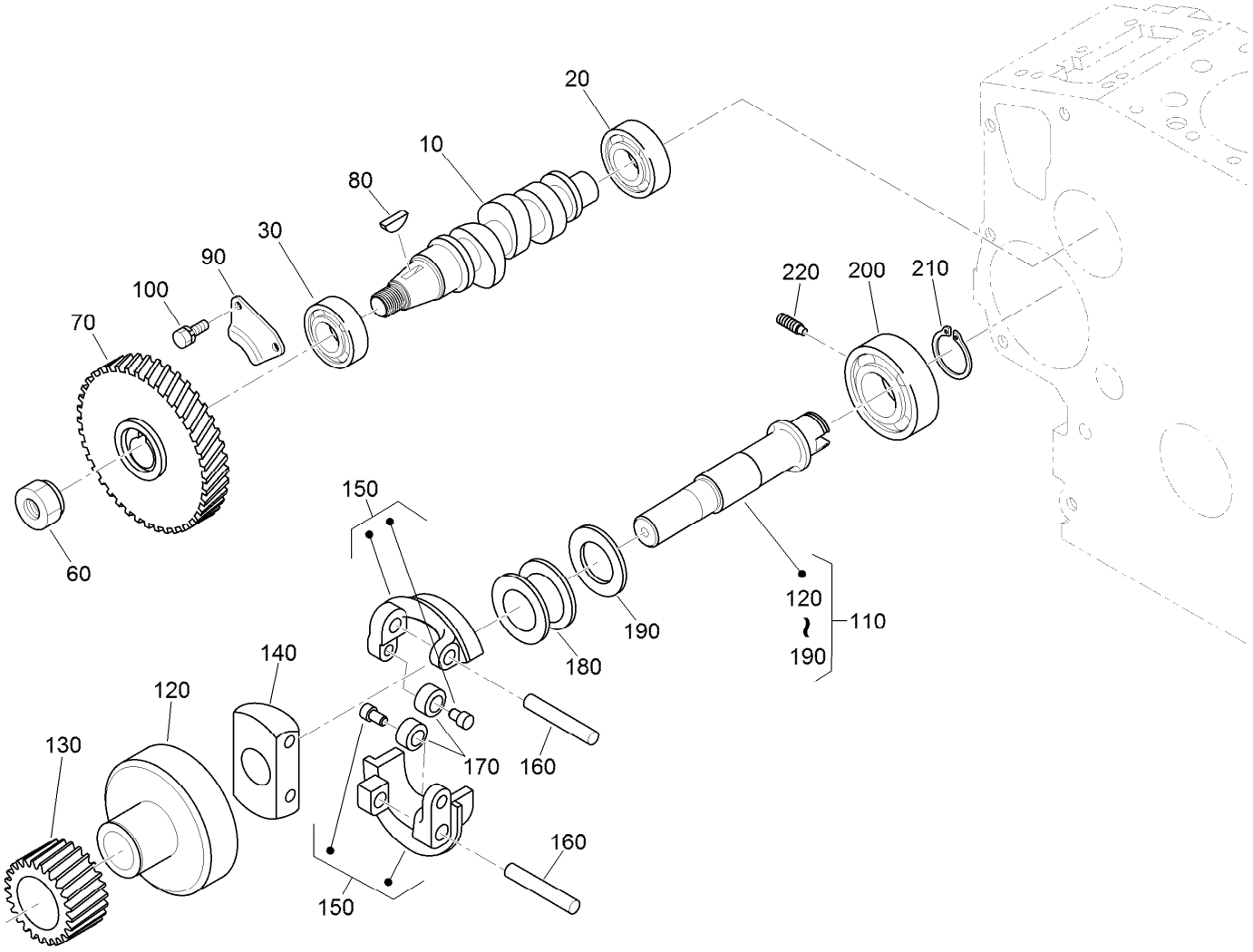
Ref.	*Part Number*	*Qty.*	*Description*
10	112-0185	6	Tappet
20	127-0421	6	Rod-Push
30	130-1505	1	Camshaft ASM
40	110-3729	1	Ball
50	98-9512	1	Gear-Cam
60	98-9378	1	Key-Feather
70	98-9510	1	Stopper-Camshaft
80	98-7692	2	Bolt
90	117-7584	1	Idler Gear ASM
100	117-7585	1	Bushing-Gear, Idle
110	98-9535	1	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	130-1546	3	Piston (STD)
10	130-1549	3	Piston (+0.50MM)
20	130-1506	3	Piston Ring ASM (STD)
20	130-1507	3	Piston Ring ASM (+0.50MM)
30	98-9513	3	Pin-Piston
40	98-9514	6	Circlip-Pin, Piston
50	117-7586	3	Connecting Rod ASM
60	115-3014	3	Bushing-Pin, Piston
70	98-9517	6	Bolt-Rod, Connecting
80	98-9553	3	Bearing-Rod (STD)
80	98-9519	3	Bearing-Rod (-0.2MM)
80	117-7588	3	Metal-Crankpin (-0.4MM)
90	130-1375	1	Crankshaft ASM
100	117-7561	1	Gear-Crankshaft

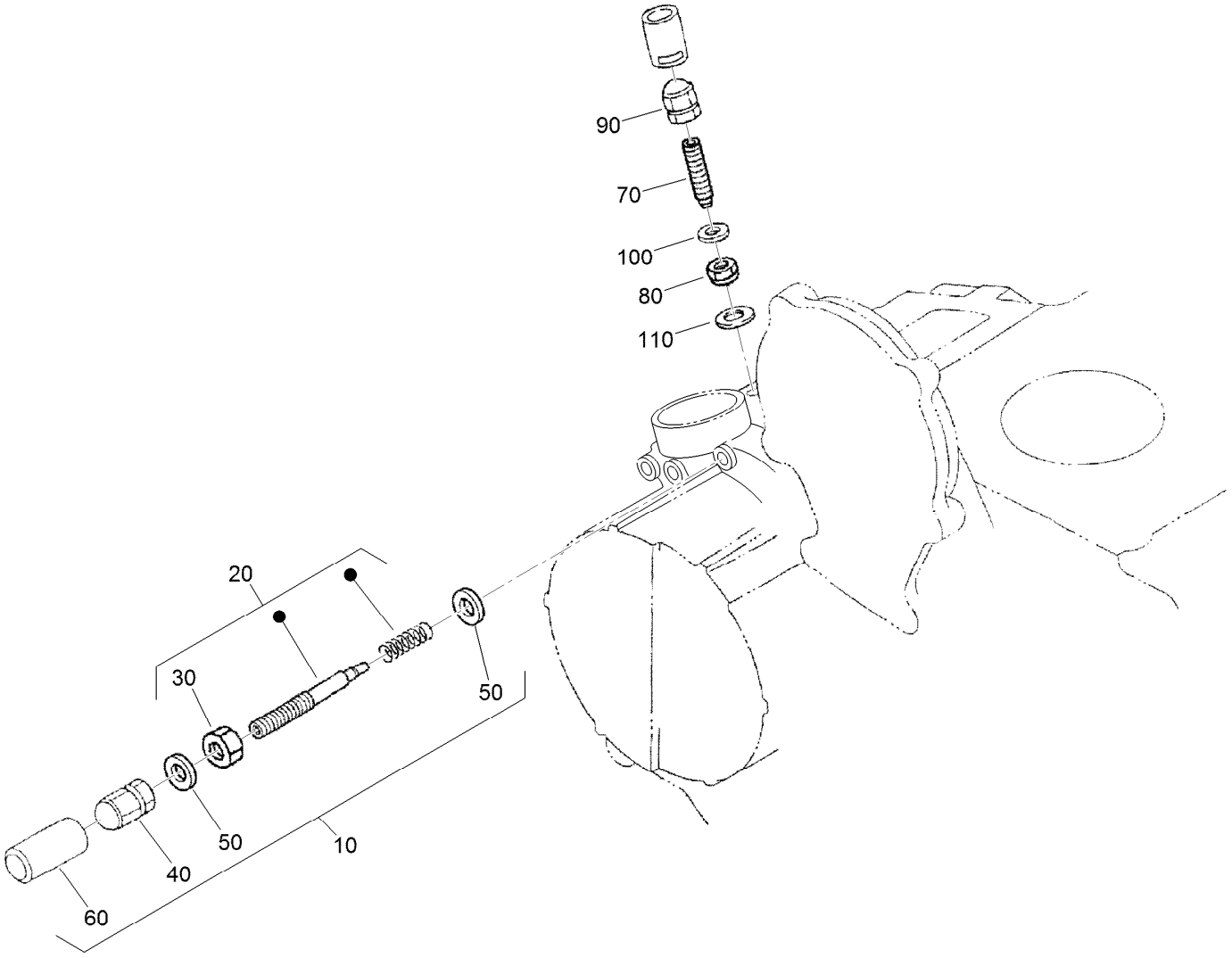
Ref.	Part Number	Qty.	Description
110	98-9666	1	Key
120	127-0445	1	Gear-Drive, Oil Pump
130	98-9522	1	Sleeve-Crankshaft
140	127-0444	1	Collar-Crankshaft
150	105-3783	1	O-Ring
160	112-7005	1	Bearing-Main (STD)
160	98-9528	1	Bearing-Main (-0.2MM)
160	127-0432	1	Metal-Crankshaft (-0.4MM)
170	98-9413	2	Bearing-Thrust (STD)
170	127-0416	2	Metal-Side (+0.2Mm)
170	127-0417	2	Metal-Side (+0.40Mm)
180	98-9688	2	Bearing-Thrust (STD)
180	127-0437	2	Metal-Side (+0.2MM)
180	127-0438	2	Metal-Side (+0.40MM)



Fuel Camshaft and Governor Shaft Assembly

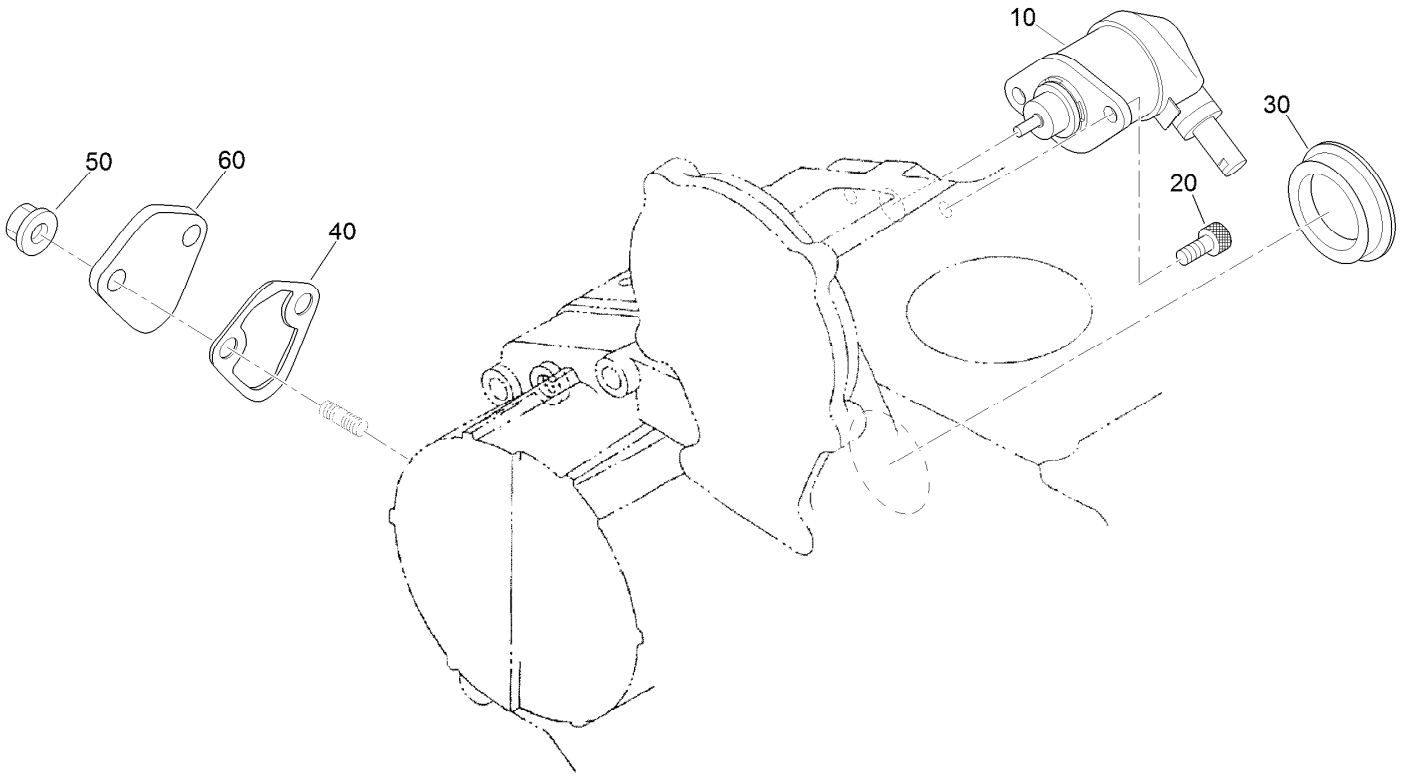
Ref.	Part Number	Qty.	Description
10	98-9459	1	Camshaft-Fuel
20	107-9077	1	Bearing-Ball
30	107-9078	1	Bearing-Ball
60	130-1512	1	Nut
70	130-1378	1	Gear-Injection Pump
80	98-9595	1	Key-Woodruff
90	98-9511	1	Stopper-Fuel, Camshaft
100	98-7692	2	Bolt
110	98-9644	1	Governor Shaft ASM
120	98-9562	1	Holder-Gear, Governor

Ref.	Part Number	Qty.	Description
130	98-9673	1	Gear-Governor
140	98-9561	1	Holder-Weight, Governor
150	130-1240	2	Governor Weight ASM
160	98-9560	2	Shaft-Weight, Governor
170	98-9692	2	Roller
180	98-9563	1	Sleeve-Governor
190	98-9564	1	Washer-Thrust
200	107-9079	1	Bearing-Ball
210	98-9657	1	Circlip-Shaft, Governor
220	98-9565	1	Screw-Set



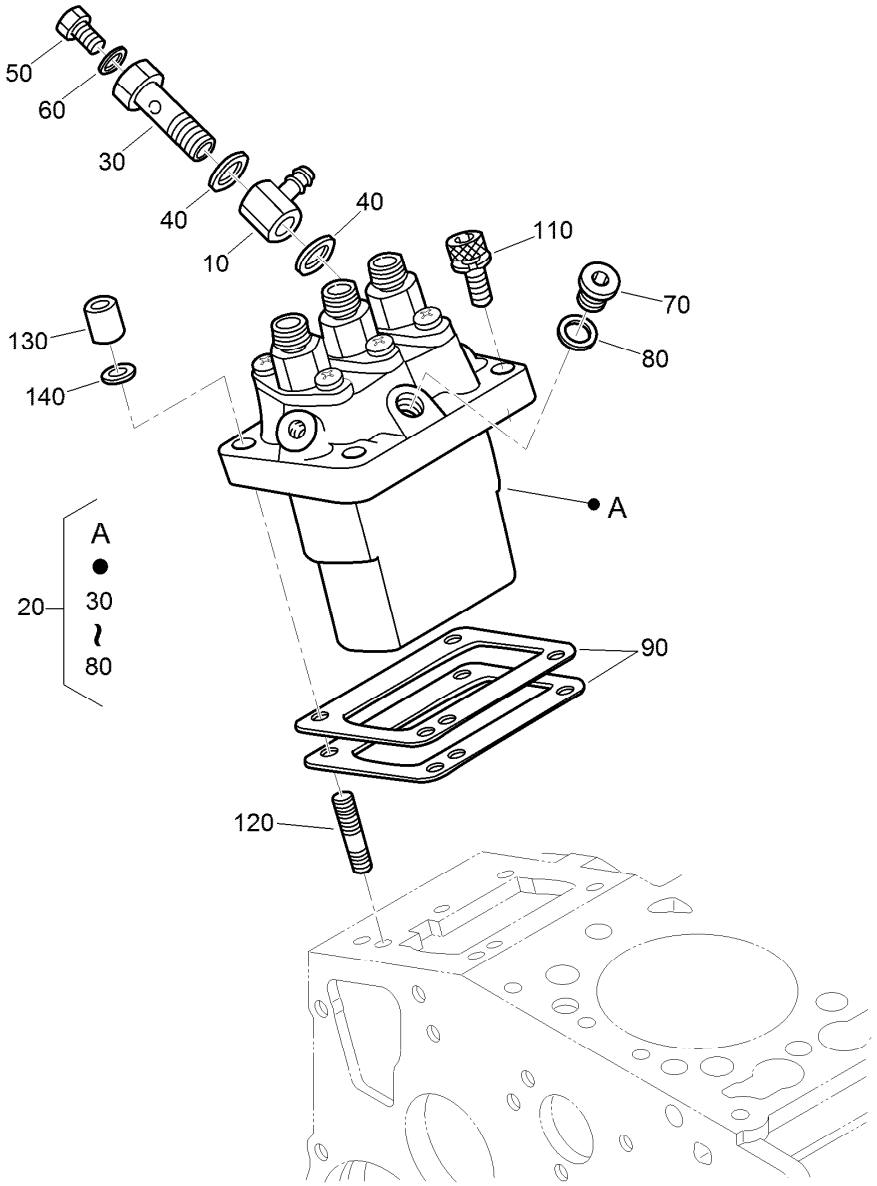
Idle Apparatus Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	107-7838	1	Apparatus-Idling
20	130-1253	1	Adjusting Bolt ASM
30	98-9439	1	Nut
40	112-0181	1	Nut
50	98-7654	2	Gasket
60	98-7656	1	Cap
70	112-7015	1	Bolt-Adjusting
80	100-2175	1	Nut-Lock
90	112-0181	1	Nut
100	98-7654	1	Gasket
110	107-9081	1	Gasket



Stop Solenoid and Fuel Pump Cover Assembly

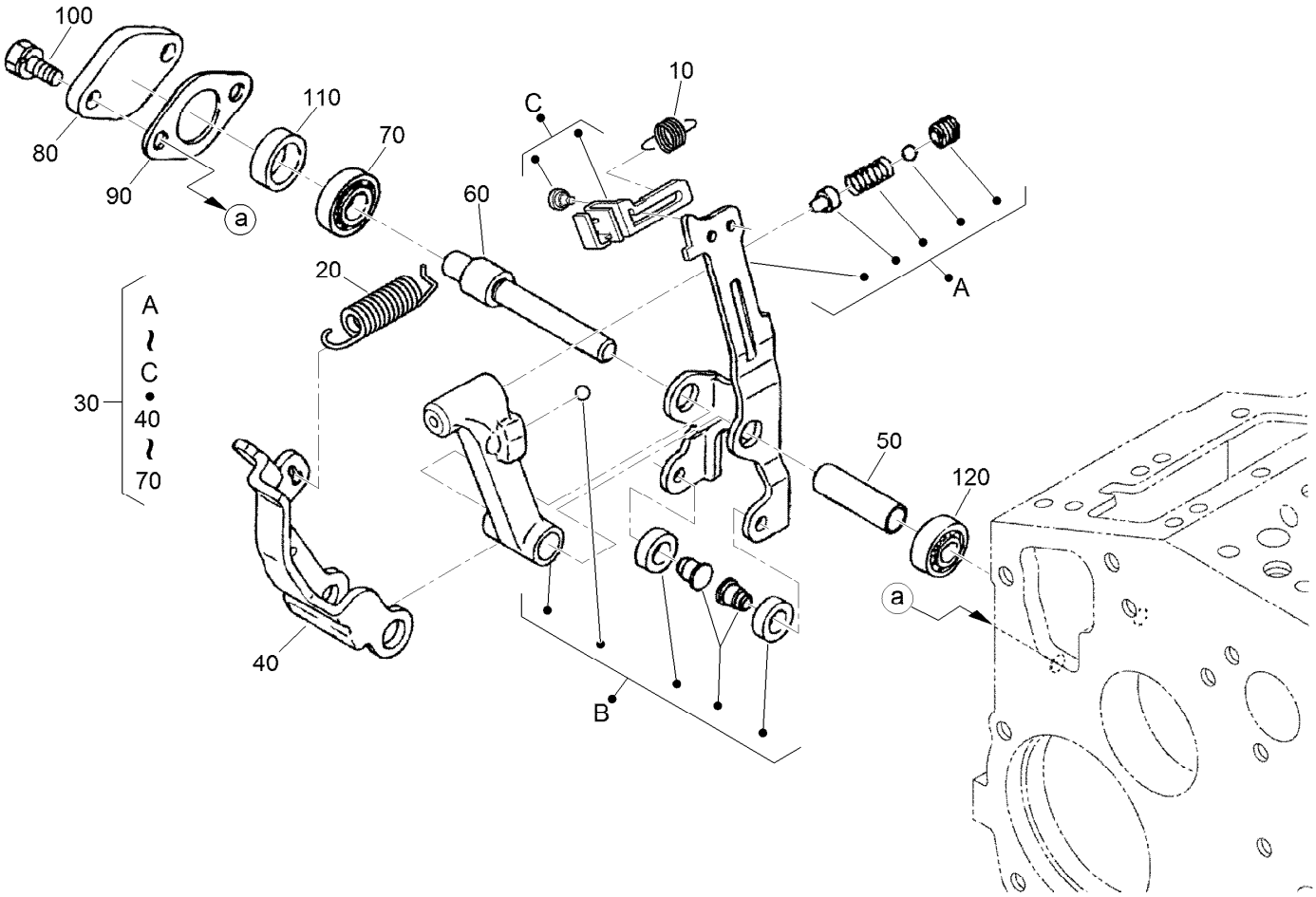
Ref.	*Part Number*	*Qty.*	*Description*
10	104-5155	1	Solenoid-Stop
20	130-1155	2	Screw-HSH
30	99-3514	1	Cover
40	117-7562	1	Gasket-Pump, Fuel
50	100-2203	2	Nut-Flange
60	112-7016	1	Cover-Pump



Injection Pump Assembly

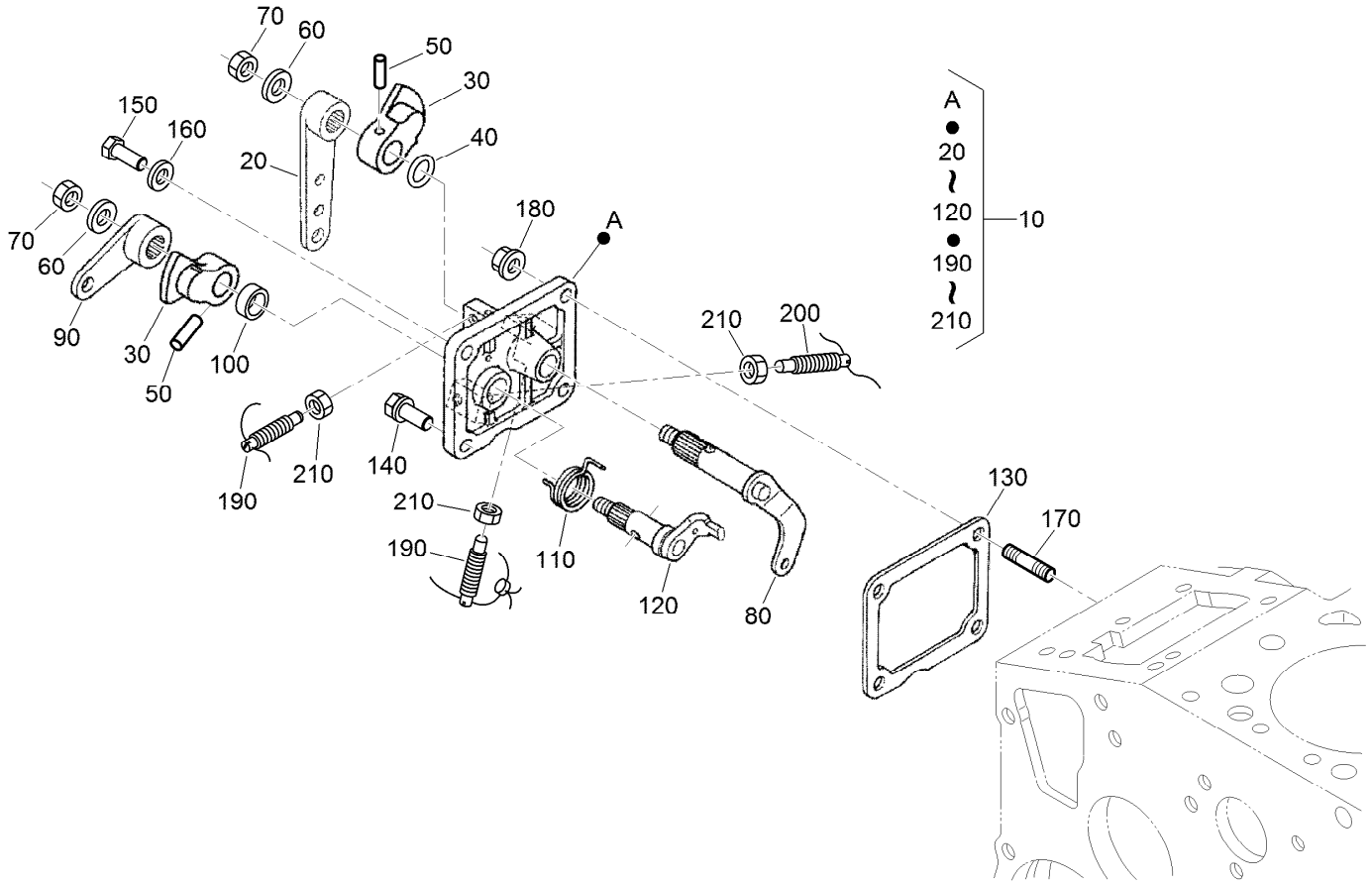
Ref.	Part Number	Qty.	Description
10	98-9596	1	Joint-Eye
20	98-9643	1	Injection Pump ASM
30	98-9464	1	Bolt-Joint
40	98-9445	2	Gasket
50	98-9430	1	Screw
60	98-9446	1	Gasket
70	98-9466	1	Plug
80	98-9451	1	Gasket
90	98-9456	1	Shim-Injection (0.20MM)

Ref.	Part Number	Qty.	Description
90	98-9457	1	Shim-Injection (0.25MM)
90	98-9458	1	Shim-Injection (0.30MM)
90	115-3046	1	Shim-Injection (0.35MM)
90	115-3045	1	Shim-Injection (0.175MM)
110	117-7564	2	Bolt-Hex Soc HD
120	98-9438	2	Stud
130	98-9440	2	Nut-Cap
140	98-7699	2	Washer-Spring



Governor Assembly

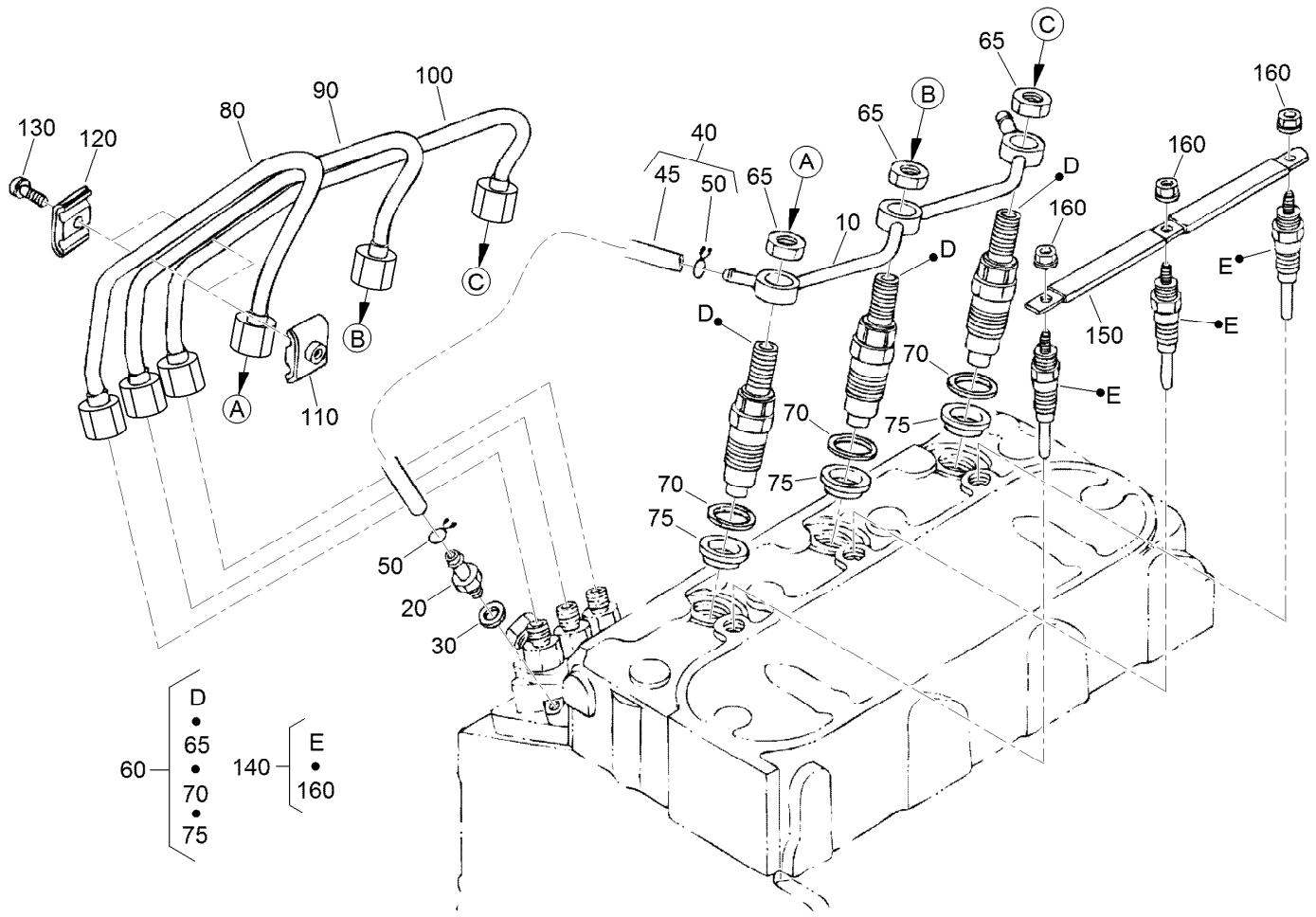
Ref.	*Part Number*	*Qty.*	*Description*
10	105-3786	1	Spring-Start
20	107-7839	1	Spring-Governor
30	107-7840	1	Fork Lever ASM
40	107-9084	1	Lever-Fork
50	107-9085	1	Shaft-Lever, Fork
60	107-9086	1	Shaft-Lever, Fork
70	98-9570	1	Bearing-Miniaturize
80	115-4122	1	Cover-Shaft, Fork Lever
90	98-9682	1	Gasket
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
100	98-7601	1	Seal-Oil
110	98-9472	1	Spring-Return

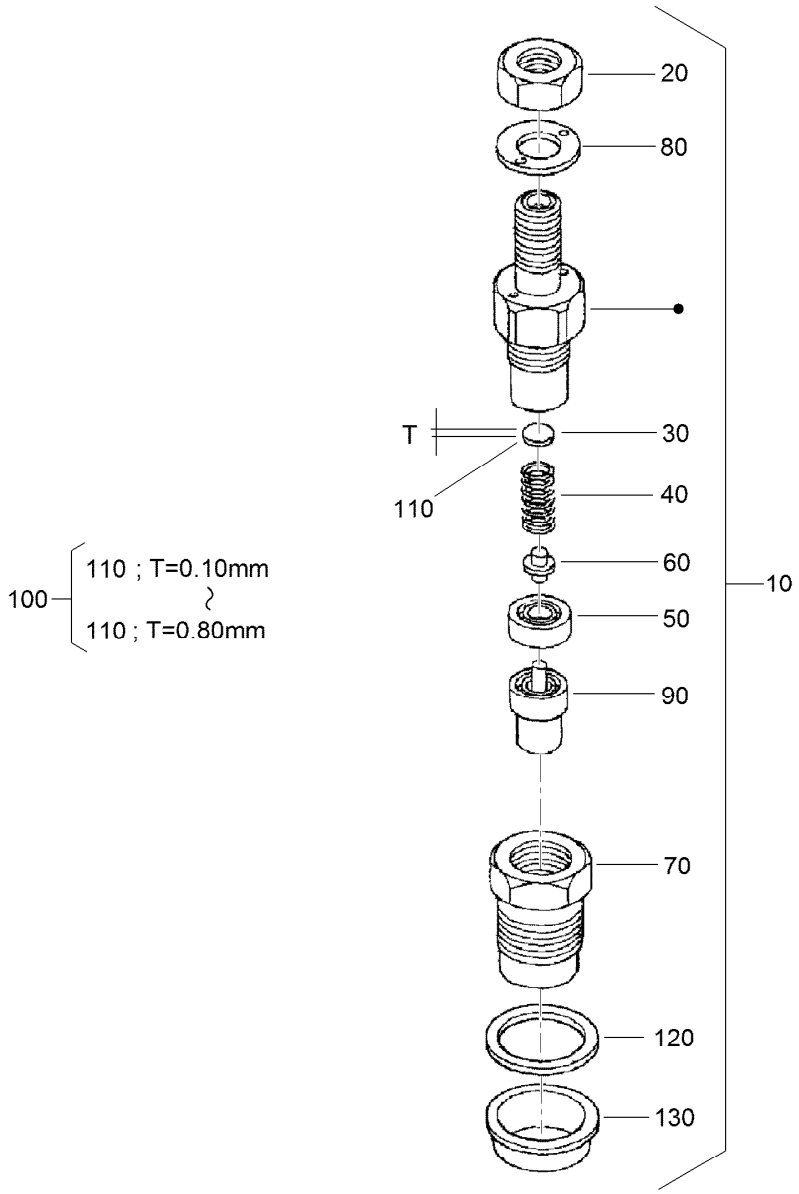
Ref.	Part Number	Qty.	Description
120	98-9664	1	Shaft-Lever, Stop
130	98-9637	1	Gasket
140	98-7692	1	Bolt
150	127-0401	1	Bolt-Hex
160	98-7654	1	Gasket
170	105-3710	2	Stud
180	100-2203	2	Nut-Flange
190	117-7565	2	Bolt-Adjusting
200	117-7566	1	Bolt-Adjusting
210	98-7572	3	Nut



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	115-3018	3	Nozzle Holder Kit
65	121-2411	3	Nut
70	98-7676	3	Gasket
75	98-7677	3	Seal-Heat

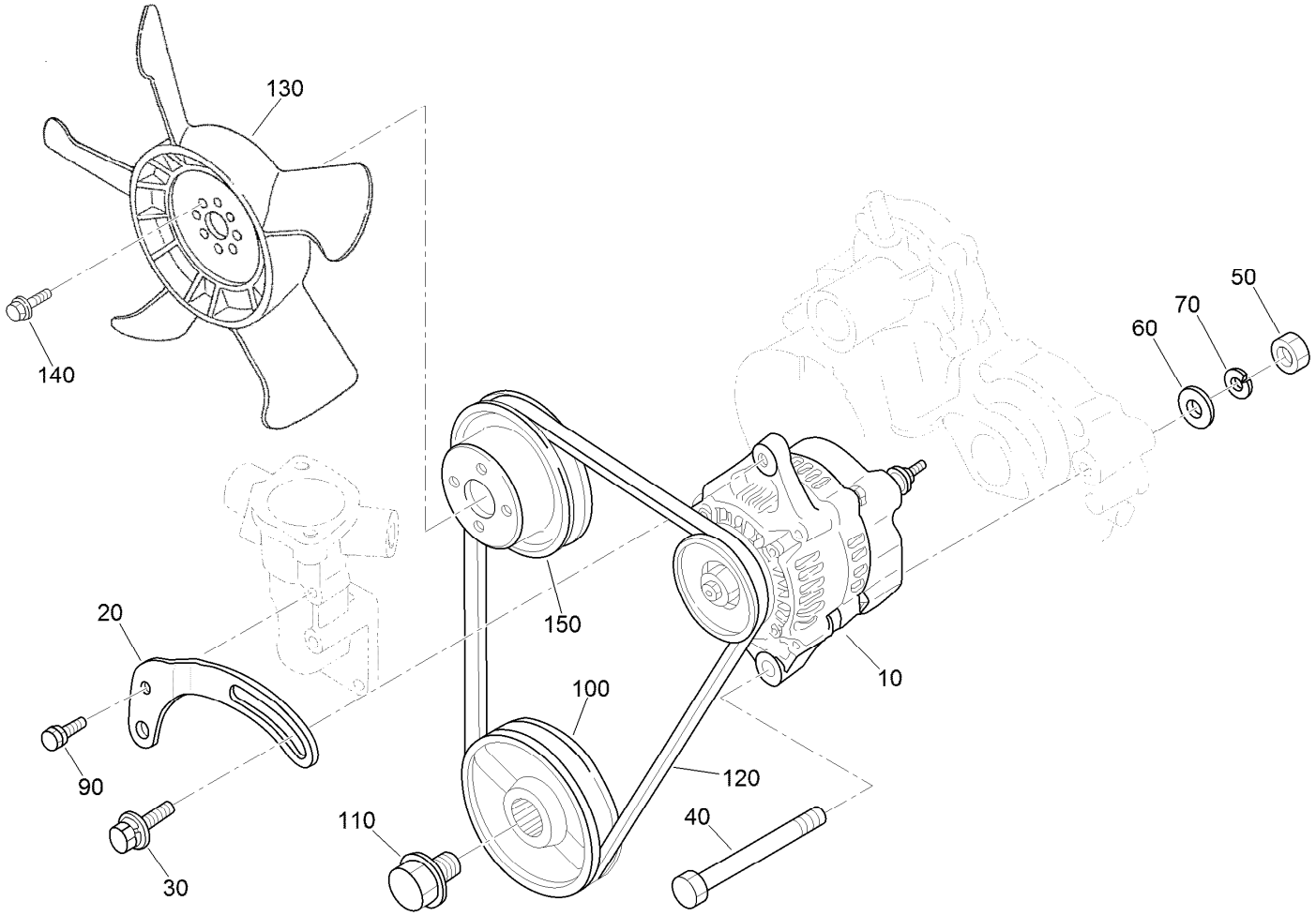
Ref.	Part Number	Qty.	Description
80	98-9622	1	Pipe-Injection
90	98-9654	1	Pipe-Injection
100	98-9655	1	Pipe-Injection
110	98-7682	2	Clamp-Pipe
120	98-7683	2	Clamp-Pipe
130	98-7684	2	Screw (W/Washer)
140	130-1411	3	Plug-Glow
150	98-9631	1	Cord-Plug, Glow
160	99-8377	3	Nut-Flange



Nozzle Holder Assembly

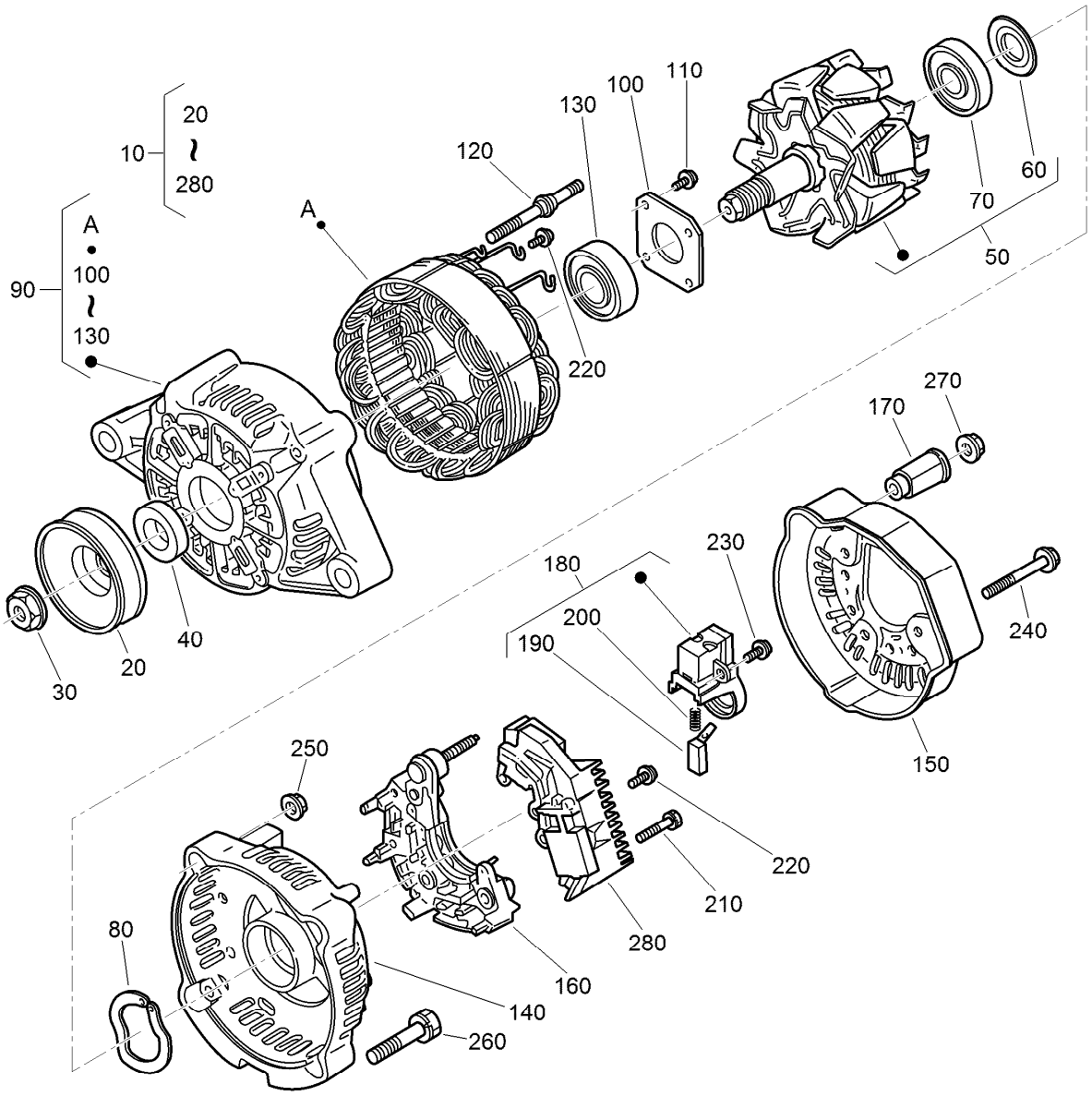
Ref.	Part Number	Qty.	Description
10	115-3018	3	Nozzle Holder Kit
20	121-2411	3	Nut
30	99-8302	3	Washer-Adjusting
40	99-8303	3	Spring-Nozzle
50	99-8304	3	Spacer-Distance
60	99-8305	3	Rod-Push
70	99-8306	3	Nut-Nozzle
80	99-8307	3	Washer-Plain
90	115-3020	3	Piece-Nozzle
100	99-8309	3	Adjusting Washer ASM
110	99-8310	3	Washer-Adjust (0.10MM)

Ref.	Part Number	Qty.	Description
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, Pulley and Fan Assembly

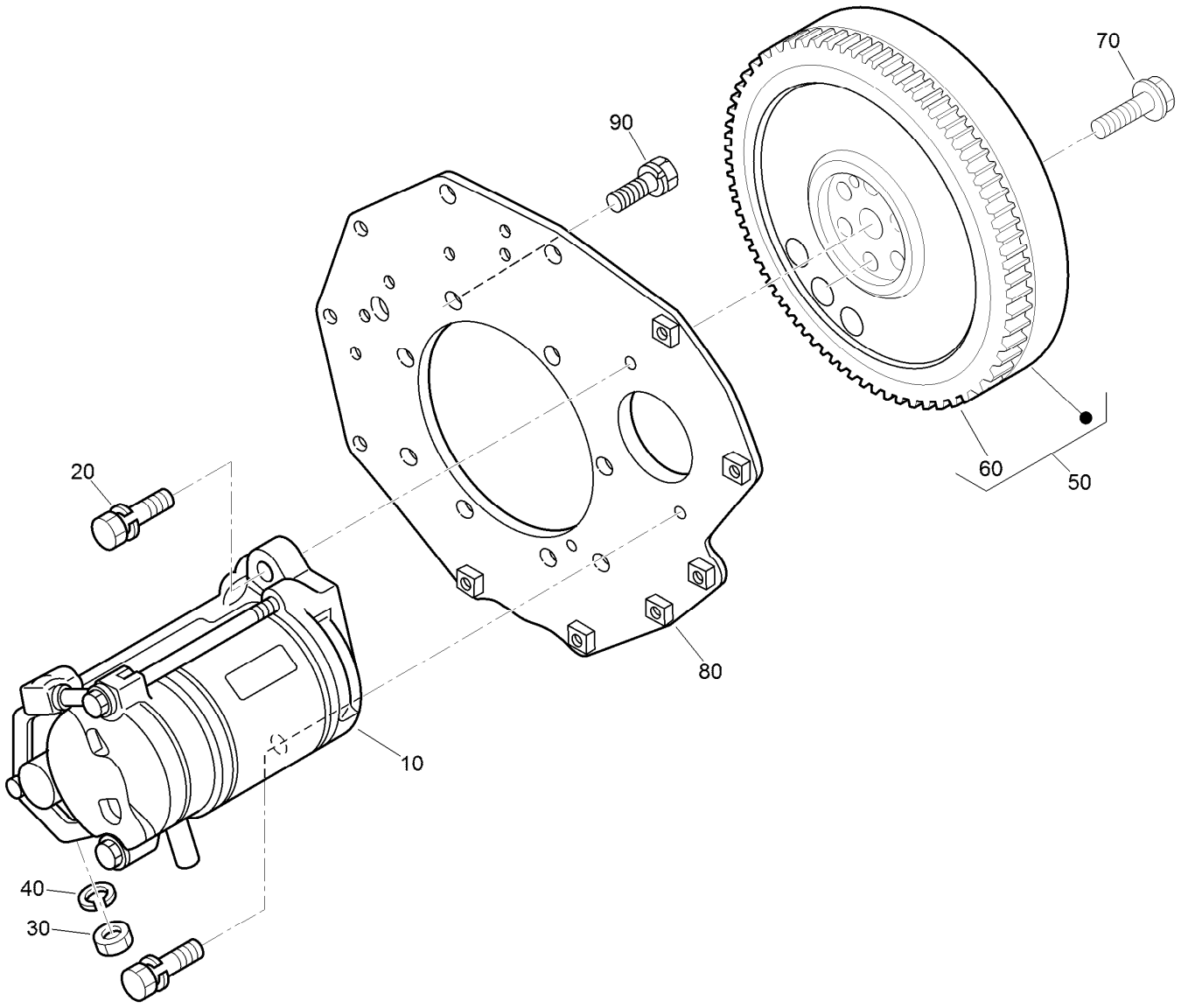
Ref.	*Part Number*	*Qty.*	*Description*
10	131-6557	1	Alternator ASM
20	112-7047	1	Stay-Dynamo
30	108-7088	1	Bolt
40	98-9360	1	Bolt
50	98-7737	1	Nut
60	98-9366	1	Washer-Plain
70	98-7738	1	Washer-Spring
90	98-7692	1	Bolt
100	99-3456	1	Pulley-Drive, Fan
110	98-9585	1	Bolt
120	130-1241	1	V Belt
130	99-3461	1	Fan
140	99-8363	4	Bolt-Flange
150	99-3453	1	Pulley-Fan



Alternator Components Assembly

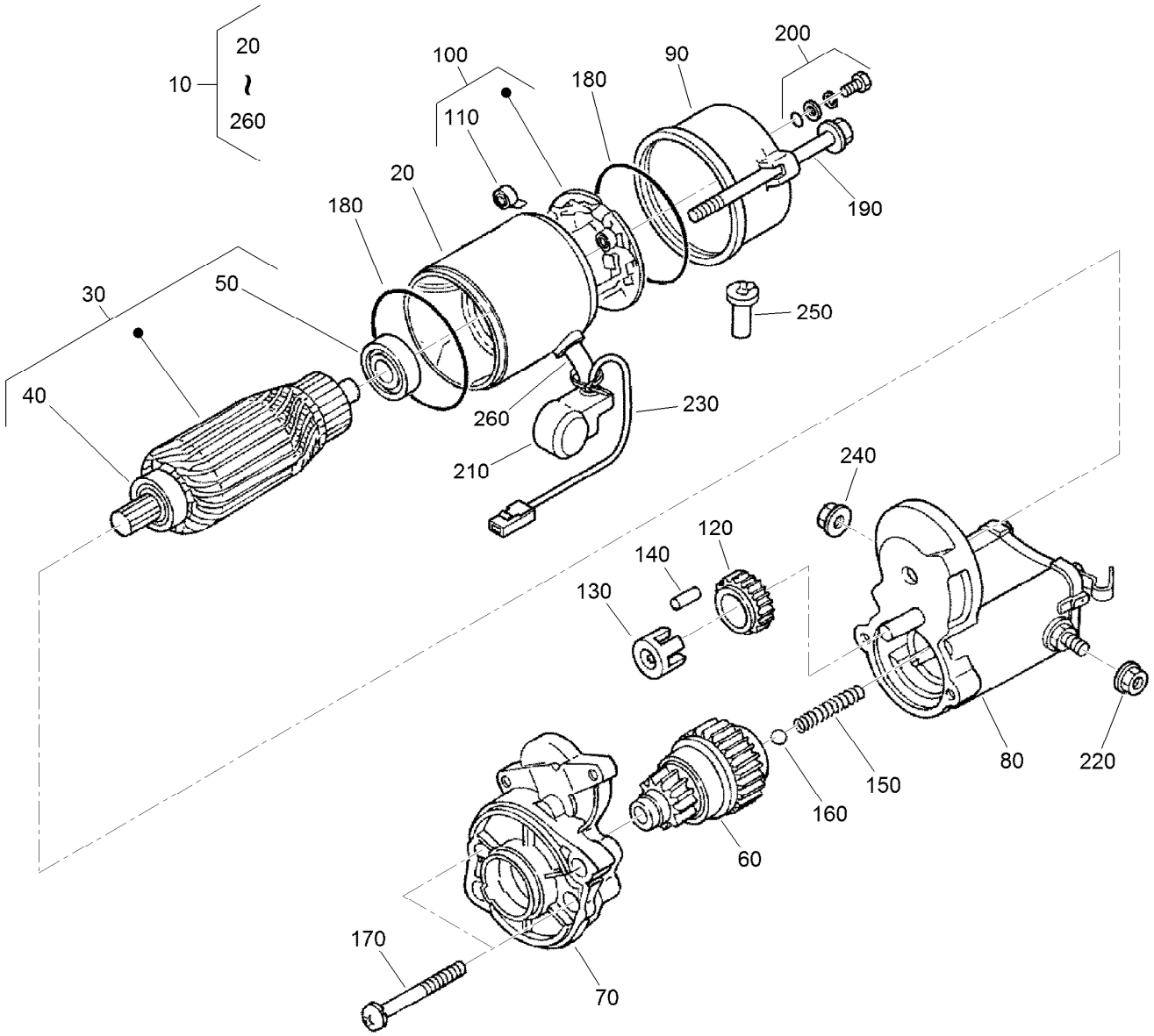
Ref.	Part Number	Qty.	Description
10	131-6557	1	Alternator ASM
20	98-9453	1	Pulley-Dynamo
30	98-7708	1	Nut
40	98-7709	1	Collar
50	107-0136	1	Rotor ASM
60	98-7711	1	Cover-Bearing
70	107-0138	1	Bearing-Ball
80	98-7713	1	Washer-Thrust
90	107-0139	1	Drive End Frame ASM
100	98-7715	1	Plate-Retainer
110	98-7716	4	Screw-Head, Round
120	98-7717	2	Bolt-Through
130	133-2811	1	Bearing
140	107-9087	1	Frame-End

Ref.	Part Number	Qty.	Description
150	107-0140	1	Cover-End
160	127-1612	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 and Flywheel Assembly

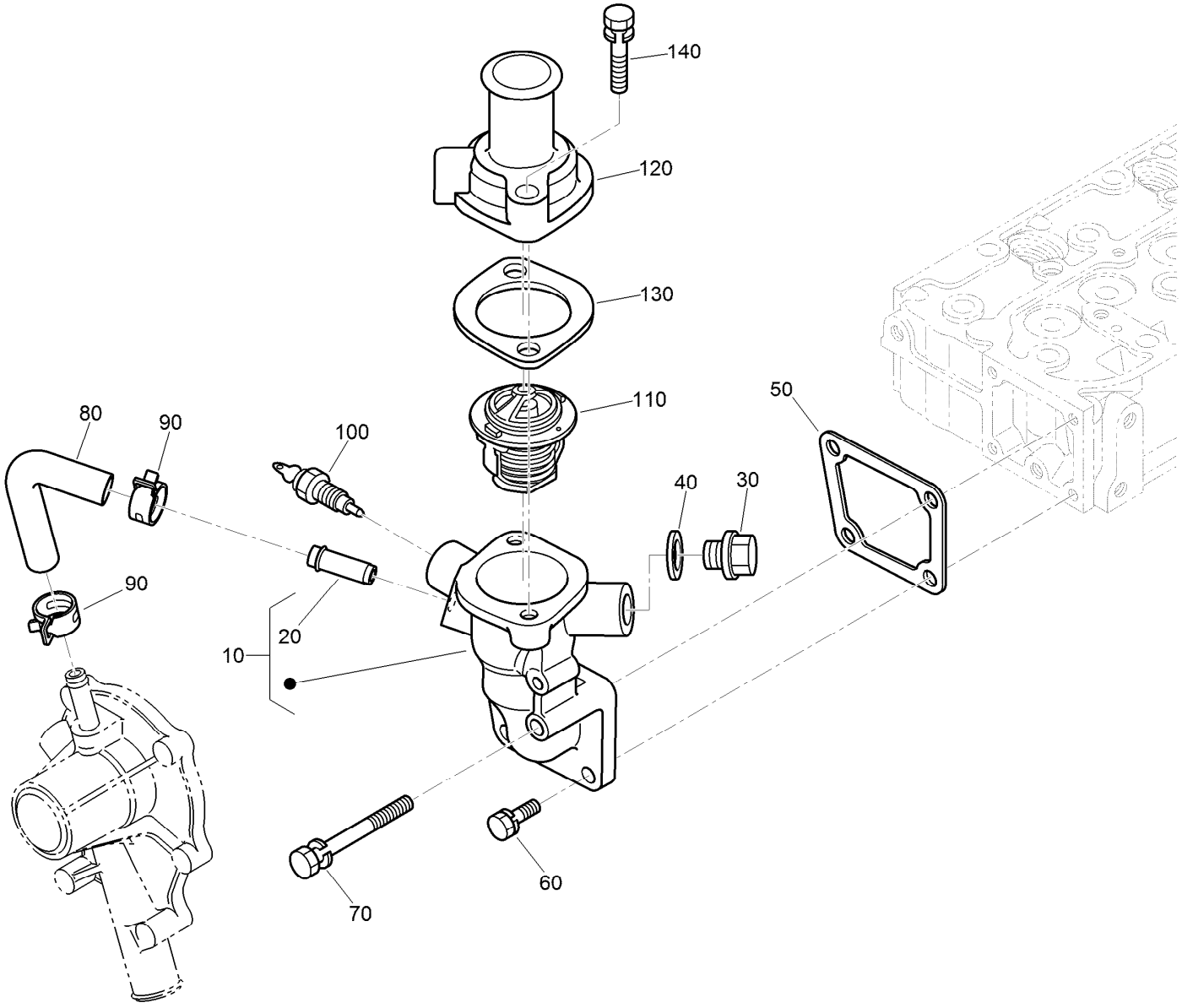
Ref.	*Part Number*	*Qty.*	*Description*
10	98-9705	1	Starter ASM
20	98-7697	2	Bolt
30	98-7739	1	Nut
40	105-2893	1	Washer-Spring
50	105-3784	1	Flywheel ASM
60	115-3015	1	Gear-Ring
70	98-9537	6	Bolt-Flywheel
80	98-9486	1	Plate-End, Rear
90	98-9392	8	Bolt



Starter Component Assembly

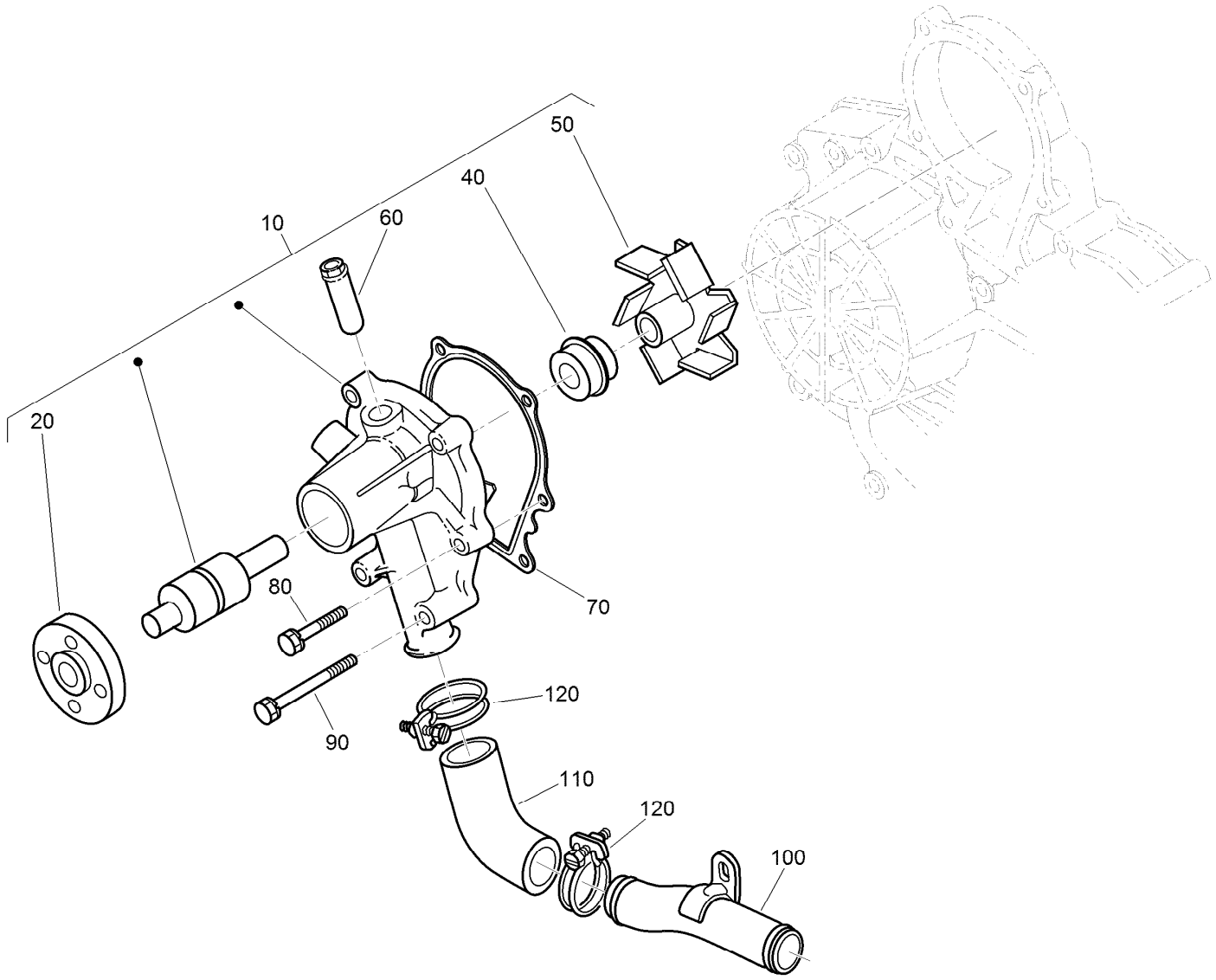
Ref.	Part Number	Qty.	Description
10	98-9705	1	Starter ASM
20	104-8608	1	Yoke ASM
30	98-7742	1	Armature ASM
40	98-7744	1	Bearing
50	98-7743	1	Bearing
60	99-8373	1	Clutch-Running, Over
70	99-8374	1	Frame-End, Drive
80	105-3746	1	Magnetic Switch ASM
90	98-7748	1	Frame-End
100	98-7749	1	Brush Holder ASM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

Ref.	Part Number	Qty.	Description
140	98-7753	5	Roller
150	98-7754	1	Spring
160	98-7755	1	Ball
170	98-7756	2	Bolt
180	98-7757	2	O-Ring
190	100-9240	2	Bolt
200	98-7758	2	Bolt ASM
210	99-8375	1	Cover
220	99-8371	1	Nut-Hex
230	98-9711	1	Cord-Solenoid, Stop
240	99-8376	1	Nut-Hex
250	98-7759	1	Pipe-Drain
260	98-9712	1	Band-Cover



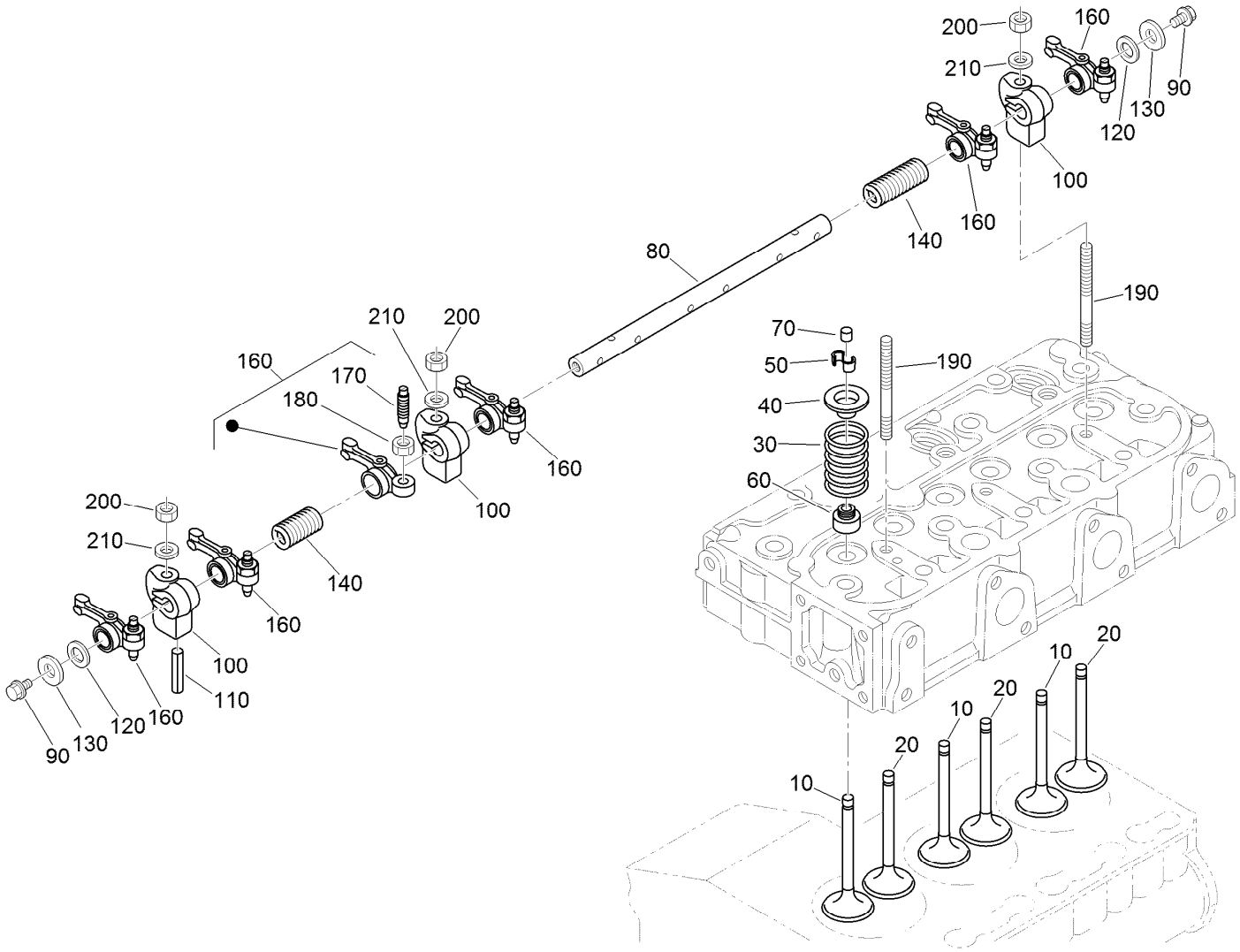
Water Flange and Thermostat Assembly

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	125-9078	2	Clamp-Hose
100	98-9719	1	Thermoswitch
110	98-7778	1	Thermostat ASM
120	98-9471	1	Cover-Thermostat
130	105-3748	1	Gasket-Thermostat
140	98-7777	2	Bolt



Water Pump and Water Pipe Assembly

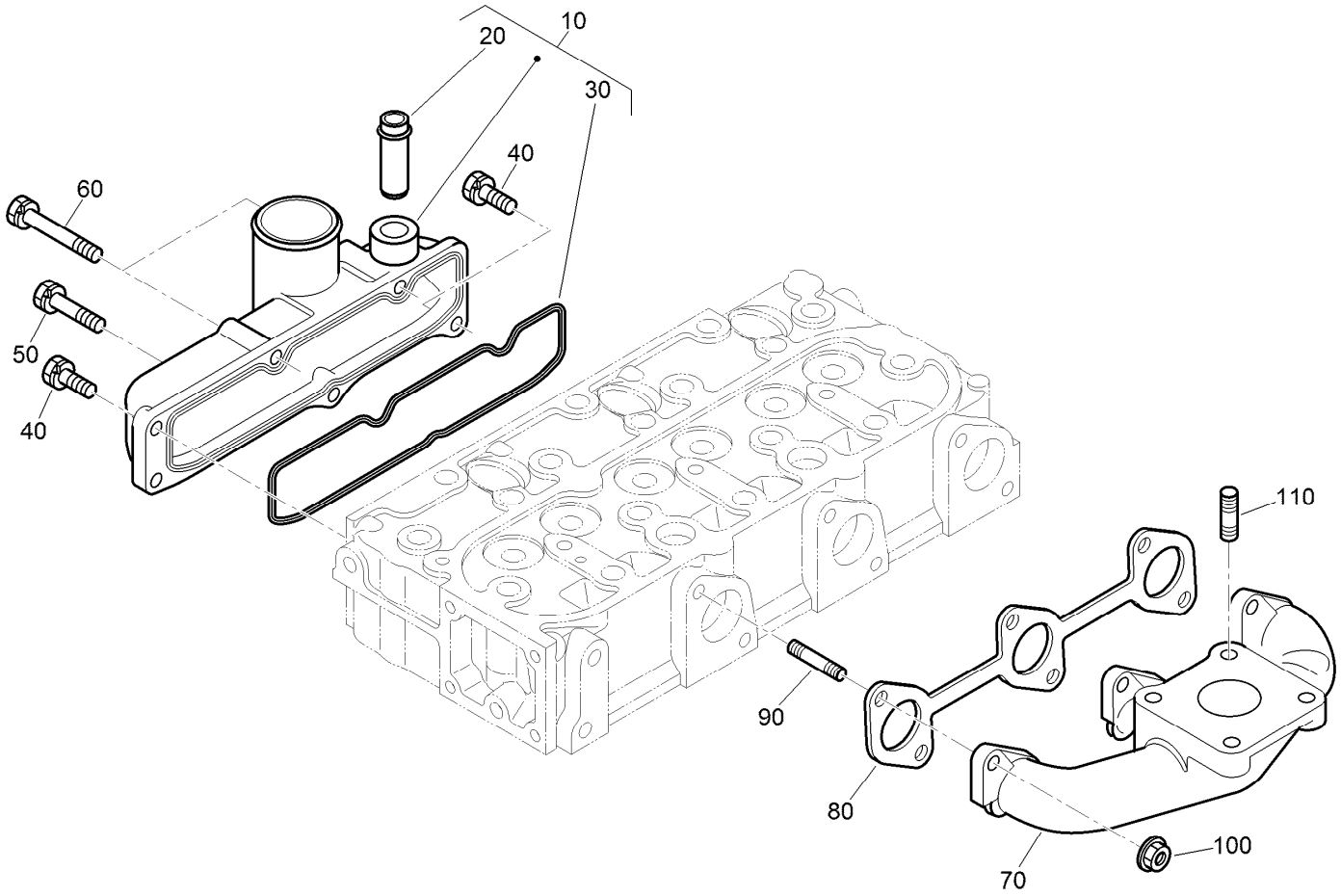
Ref.	*Part Number*	*Qty.*	*Description*
10	107-9089	1	Water Pump ASM
20	99-3516	1	Flange-Pump, Water
40	105-3750	1	Mechanical Seal ASM
50	112-7017	1	Impeller-Pump, Water
60	100-1932	1	Pipe-Return, Water
70	99-3454	1	Gasket-Pump, Water
80	98-9353	4	Bolt
90	98-9357	2	Bolt
100	98-9716	1	Pipe-Water
110	107-9091	1	Pipe-Water
120	127-0439	2	Clamp-Hose



Valve and Rocker Arm Assembly

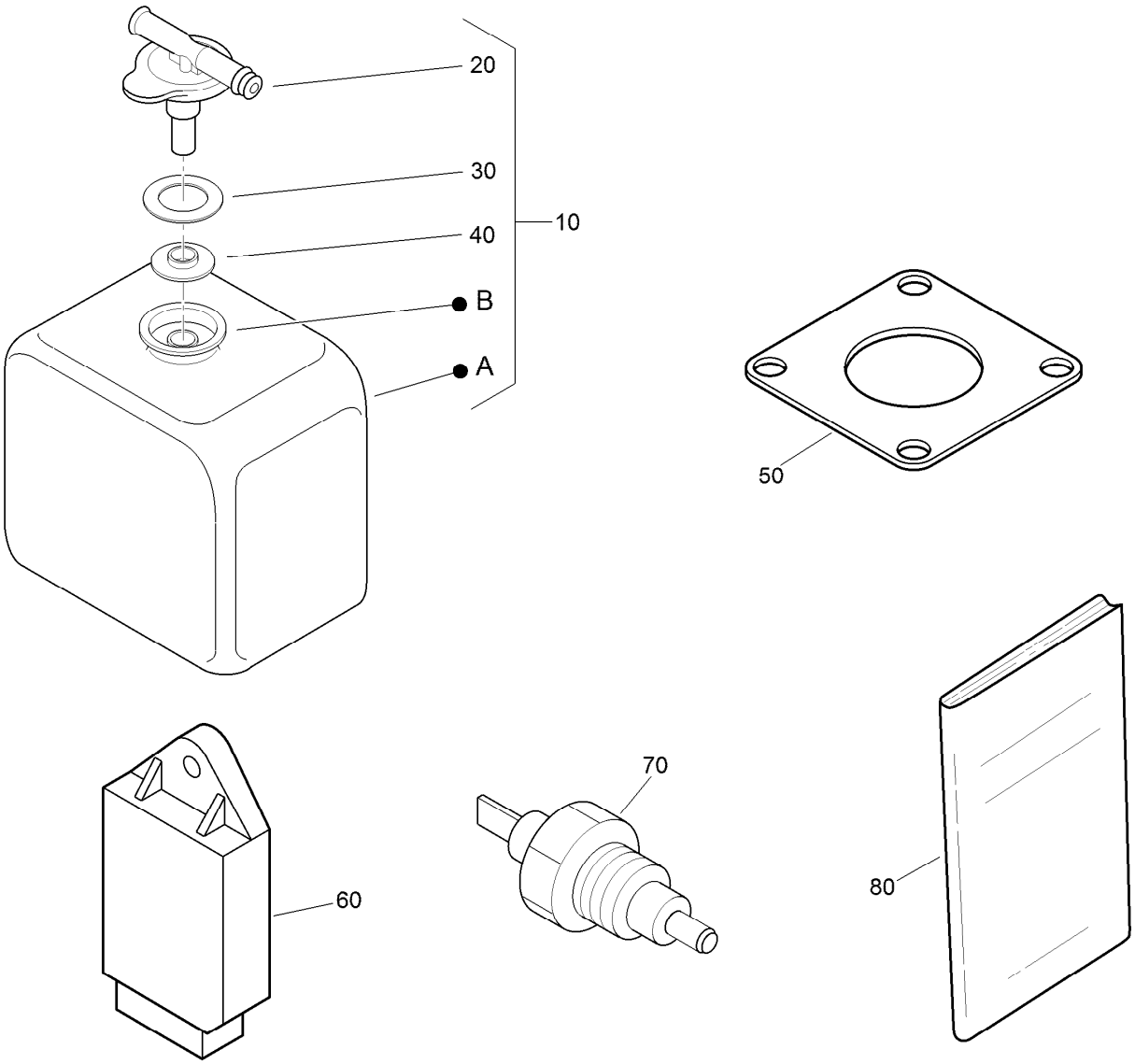
Ref.	Part Number	Qty.	Description
10	112-7018	3	Valve-Inlet
20	120-2564	3	Valve-Exhaust
30	98-9648	6	Spring-Valve
40	107-9092	6	Retainer-Spring
50	117-7572	6	Collet-Spring, Valve
60	99-8385	6	Seal-Stem, Valve
70	98-9497	6	Cap-Valve
80	130-1248	1	Shaft-Arm, Rocker
90	99-8363	2	Bolt-Flange
100	98-9505	3	Bracket-Arm, Rocker

Ref.	Part Number	Qty.	Description
110	105-3758	1	Pin-Spring
120	98-9507	2	Washer-Shaft, Rocker Arm
130	110-3832	2	Washer-Plain
140	98-9504	2	Spring-Arm, Rocker
160	112-7020	6	Rocker Arm ASM
170	98-9502	6	Screw-Adjusting
180	98-9503	6	Nut
190	98-9506	3	Stud
200	98-9393	3	Nut
210	98-9385	3	Washer-Flat



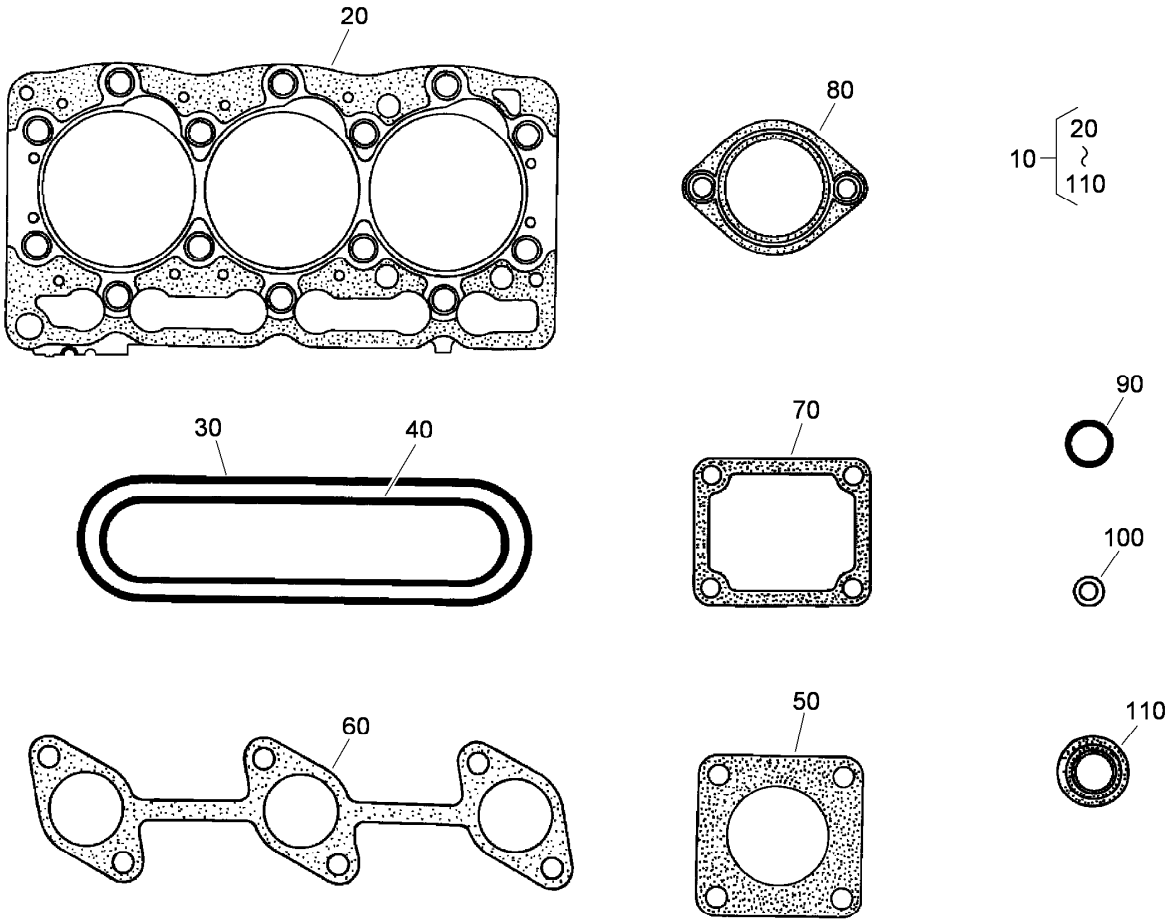
Inlet and Exhaust Manifold Assembly

Ref.	*Part Number*	*Qty.*	*Description*
10	107-7843	1	Manifold Inlet ASM
20	98-9492	1	Joint-Pipe, Breather
30	98-9609	1	Gasket-Manifold, Inlet
40	127-0403	3	Bolt-Flange
50	98-9353	1	Bolt
60	125-9063	2	Bolt-Sems
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



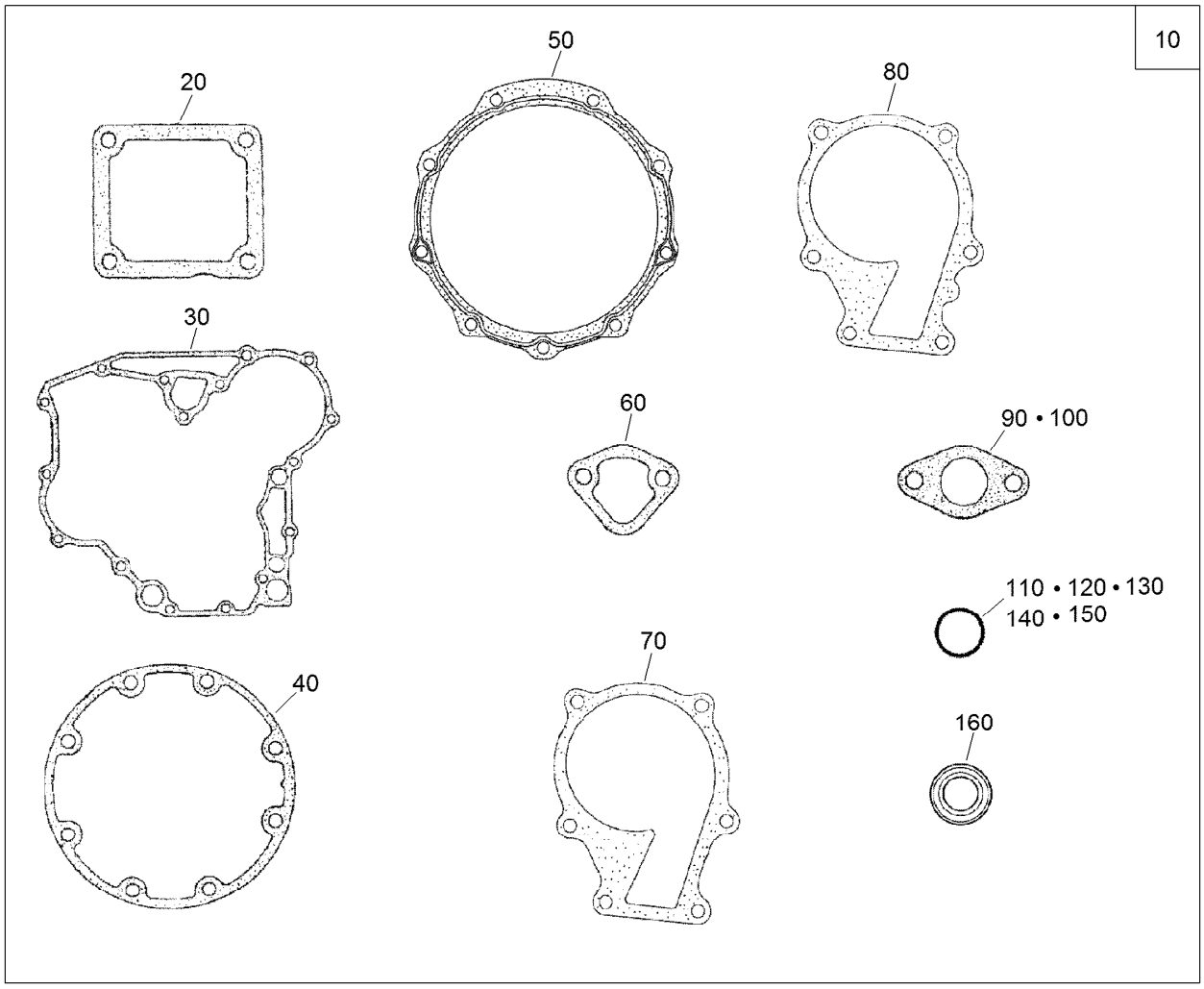
Miscellaneous Engine Parts

Ref.	*Part Number*	*Qty.*	*Description*
10	104-9318	1	Bottle-Overflow
20	115-4132	1	Cap
30	105-3755	1	Gasket
40	105-3756	1	Plate
50	99-8343	1	Gasket-Muffler
60	98-7611	1	Controller-Glow
70	106-7772	1	Thermoswitch
80	130-1543	1	Manual-Operator



Upper Gasket Kit

Ref.	*Part Number*	*Qty.*	*Description*
10	107-7848	1	Upper Gasket Kit
20	108-6573	1	Gasket-Head, Cylinder
30	98-9615	1	Gasket-Cover, Head
40	98-9609	1	Gasket-Manifold, Inlet
50	99-8343	1	Gasket-Muffler
60	99-8327	1	Gasket-Manifold, Exhaust
70	98-9638	1	Gasket-Flange, Water
80	105-3748	1	Gasket-Thermostat
90	99-3446	2	O-Ring
100	98-9454	3	Gasket
110	99-8385	6	Seal-Stem, Valve



Lower Engine Gasket Kit

Ref.	Part Number	Qty.	Description
10	130-1364	1	Lower Gasket Kit
20	98-9637	1	Gasket
30	98-9633	1	Gasket-Case, Gear
40	131-6554	1	Gasket-Case, Bearing
50	112-7037	1	Gasket-Cover, Case
60	117-7562	1	Gasket-Pump, Fuel
70	98-9632	1	Gasket-Pump, Water
80	99-3454	1	Gasket-Pump, Water

Ref.	Part Number	Qty.	Description
90	98-9682	1	Gasket
100	98-9683	1	Gasket-Cover, Solenoid
110	105-3781	2	O-Ring
120	105-3777	2	O-Ring
130	105-3783	1	O-Ring
140	105-3776	1	O-Ring
150	105-3788	1	O-Ring
160	98-7601	1	Seal-Oil

Attachments and Accessories

For 03171 Reelmaster 3100-D Traction Unit With Sidewinder

Product Name	Model/Part
27in Lift Arm Kit	03172
32in Lift Arm Kit	03173
5-Blade 27in DPA Edge Series Cutting Unit	03188
8-Blade 27in DPA Edge Series Cutting Unit	03189
11-Blade 27in DPA Edge Series Cutting Unit	03190
8-Blade 32in DPA Edge Series Cutting Unit	03191
27in Verticutter Cutting Unit	03203
Smooth Rear Tire	127-2796
Decal-Service, Japan	138-1190
Premium Seat Kit	30629
Arm Rest Kit	30707
Work Light Kit	30841



Count on it.