



Form No. 3351-683 Rev B

Count on it.

Parts Catalog

Dingo® 323 Compact Utility Loader

Model No. 22312—Serial No. 240000201 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.

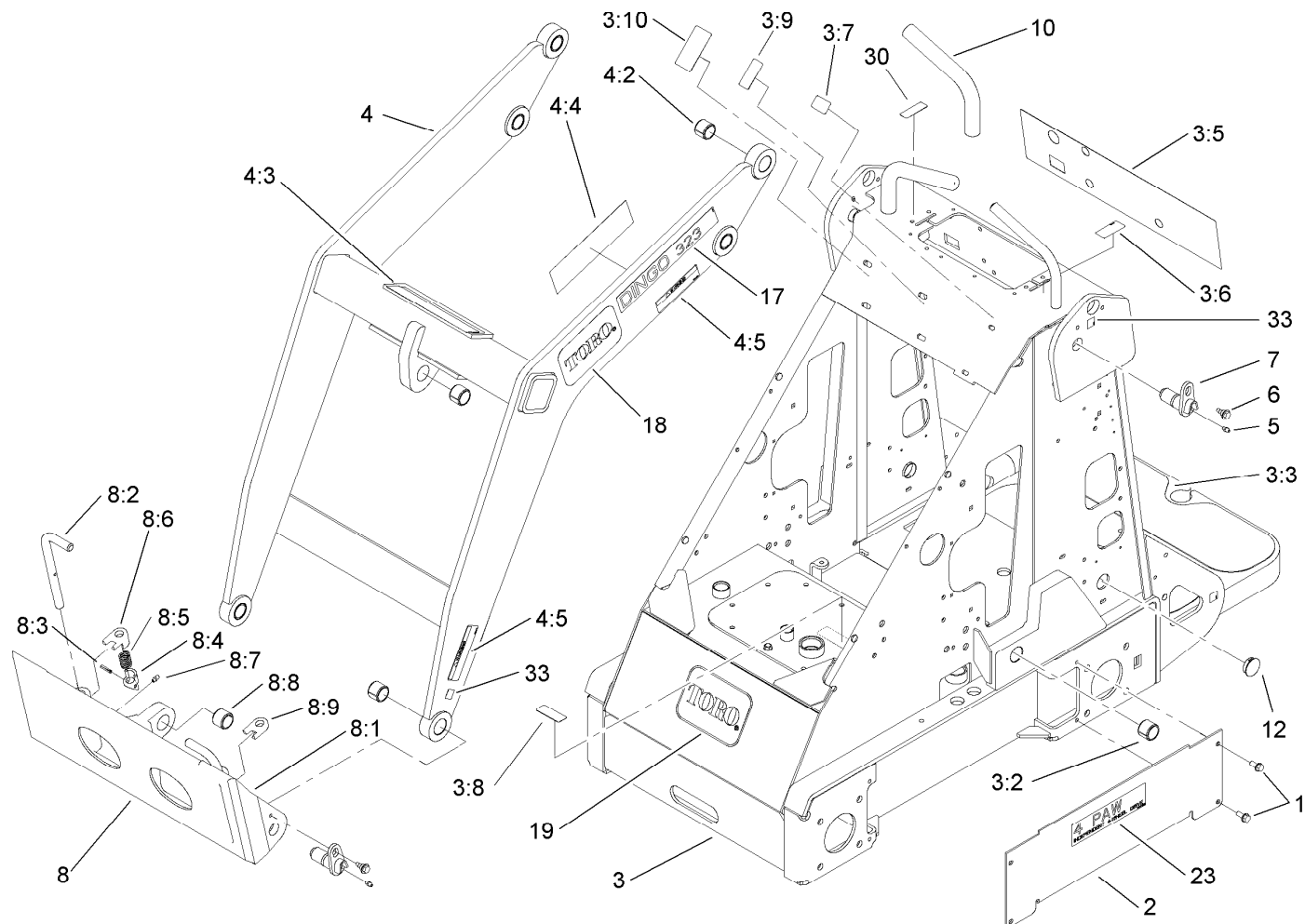
Reference Numbers Indicating Quantity

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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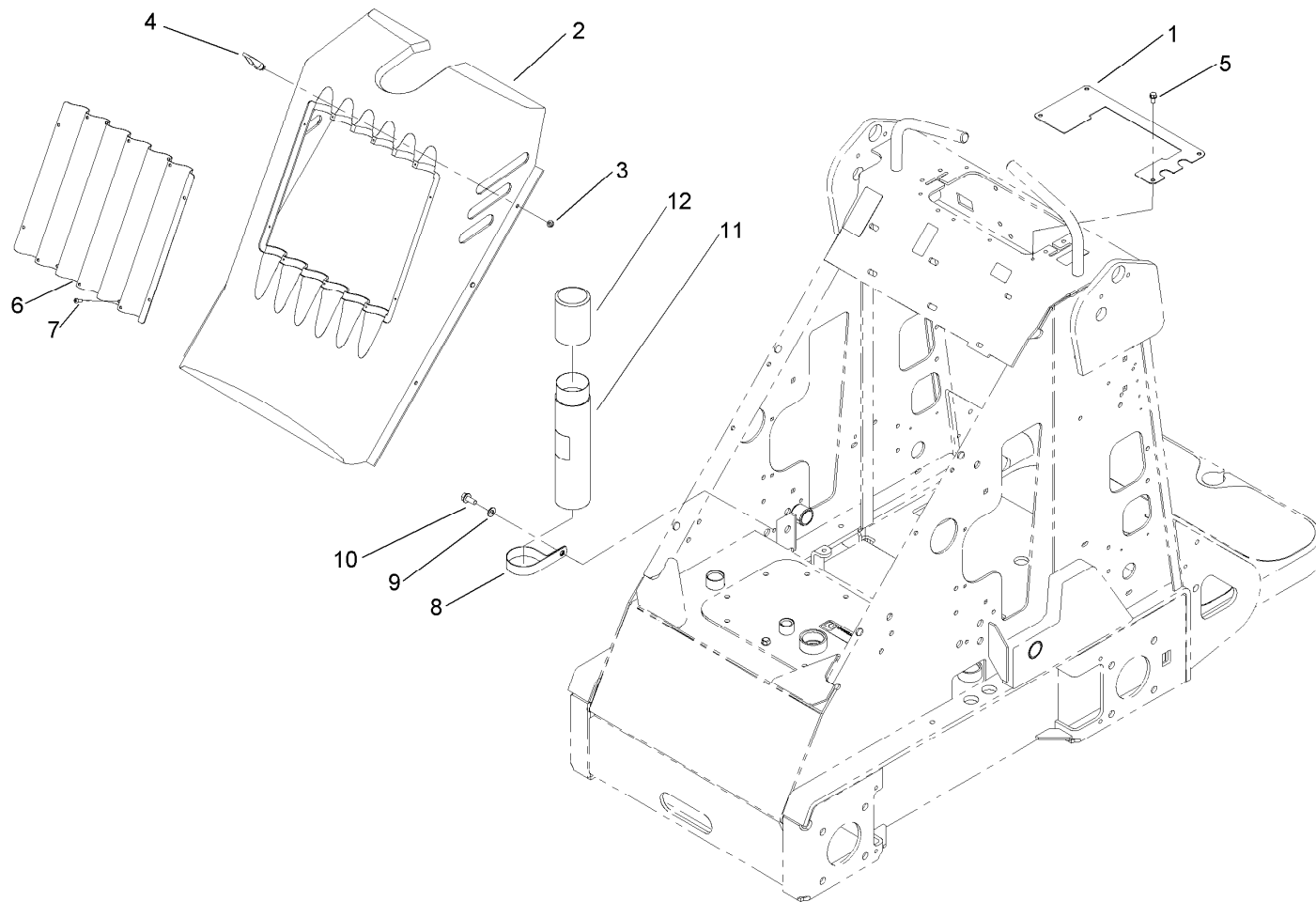
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Frame and Loader Arm Assembly

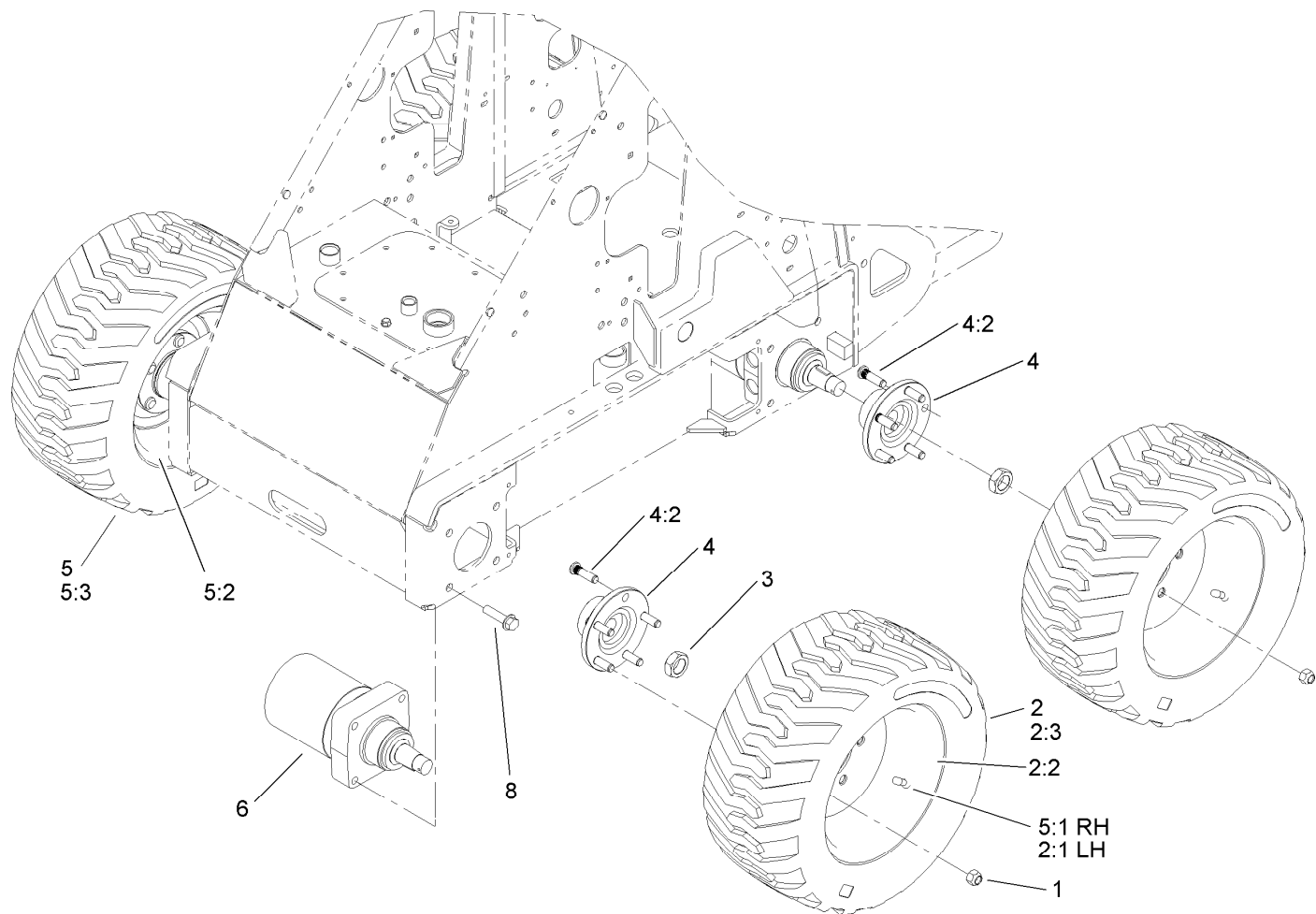
Ref.	Part Number	Qty.	Description
1	32144-70	8	Screw-HWHTF
2	106-8178-01	2	Cover-Hose
3	106-8185	1	Frame ASM
3:2	98-4871	2	Bushing-Tension
3:3	98-9947	2	Tread-Foot
3:5	99-3157	1	Decal-Panel, Control
3:6	98-8219	1	Decal-Throttle
3:7	98-8220	1	Decal-Limiter, Speed
3:8	105-8432	1	Decal-Oil, HYD
3:9	98-8235	1	Decal-Selector
3:10	98-4677	1	Decal-Power, Auxiliary
4	106-8155	1	Loader ASM
4:2	98-4871	7	Bushing-Tension
4:3	98-4682	1	Decal-Caution
4:4	98-9051	1	Decal-Danger
4:5	100-6141	4	Decal-Pinch
5	302-5	4	Fitting-Grease
6	99-5105	4	Screw-Shoulder
7	99-1414	4	Pin-Pivot

Ref.	Part Number	Qty.	Description
8	105-8364	1	Quick Attach ASM
8:1	105-0245-03	1	Mount-Attach, Quick
8:2	105-8367	2	Pin-Locking
8:3	3285-1	2	Pin-Grooved
8:4	105-0246	2	Cam
8:5	98-4694	2	Spring-Compression
8:6	104-5909	1	Stop-RH
8:7	302-5	2	Fitting-Grease
8:8	98-4871	1	Bushing-Tension
8:9	104-5903	1	Stop-LH
10	98-4845	2	Grip-Cushion
12	94-1402	2	Plug-Hole
17	105-8427	2	Decal
18	93-7340	2	Decal
19	62-5550	1	Decal
23	105-8429	2	Decal
30	94-2551	1	Decal-Choke
33	93-9084	6	Decal-Point, Lift



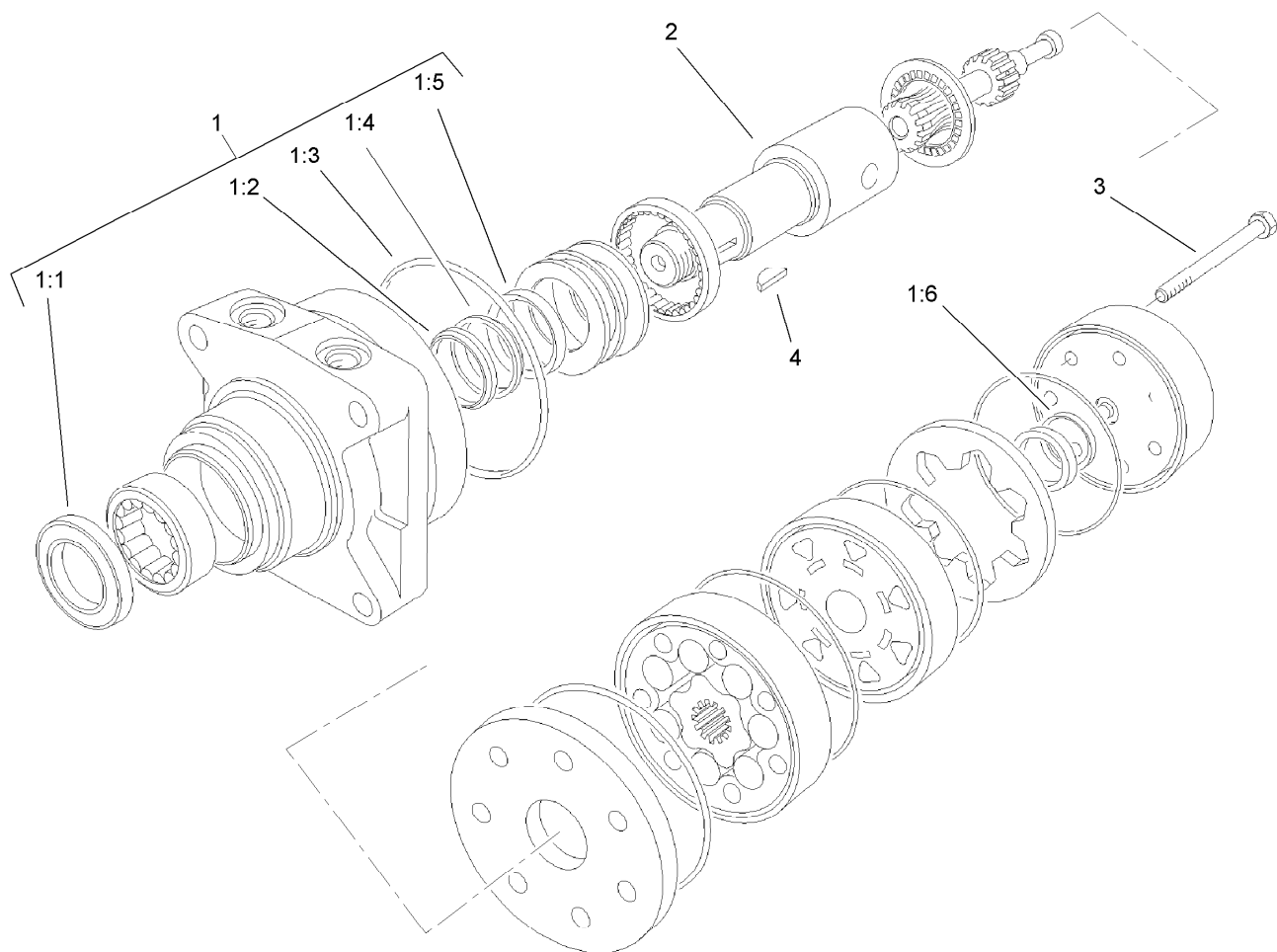
Hood and Screen Assembly

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	105-8352-03	1	Plate-Cover
2	99-3164	1	Cover-Hood
3	99-3058	4	Washer
4	74-5950	4	Latch-Swell
5	32144-4	4	Screw-HWH
6	99-3147-03	1	Grille-Screen
7	32144-111	10	Screw-PPH
8	2412-133	1	Clamp-R
9	3256-23	1	Washer-Plain
10	32144-70	1	Screw-HWHTF
11	104-7050	1	Tube-Manual
12	104-7048	1	Cap-Housing



Wheel and Motor Assembly

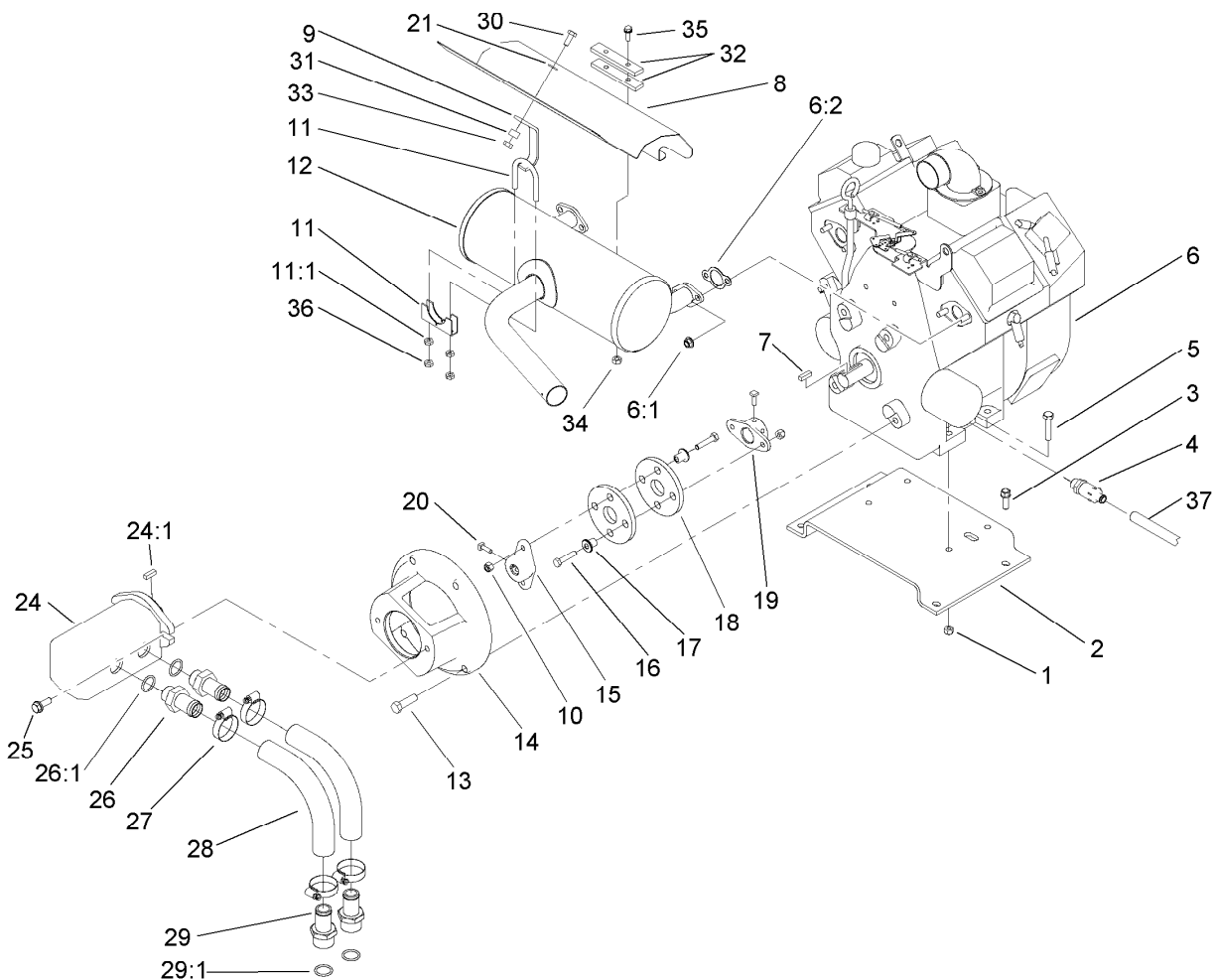
Ref.	Part Number	Qty.	Description
1	242-50	20	Nut-Lug
2	98-2747	2	LH Wheel And Tire ASM
2:1	232-27	1	Stem-Valve
2:2	98-2748	1	Wheel
2:3	98-2749	1	Tire
3	106-8159	4	Nut-Lock
4	99-3064	4	Hub ASM
4:2	10-6830	5	Stud-Type, Drive
5	99-1447	2	RH Wheel And Tire ASM
5:1	232-27	1	Stem-Valve
5:2	98-2748	1	Wheel
5:3	98-2749	1	Tire
6	99-3052	4	HYD Motor ASM
8	3234-27	16	Screw-HHF



Hydraulic Motor Assembly No. 99-3052

Ref.	Part Number	Qty.	Description
1	94-8178	1	Seal Kit
1:1		1	Seal-Dirt And Water ●
1:2		1	Washer-Backup ●
1:3		5	Seal-Ring ●
1:4		1	Washer-Backup ●
1:5		1	Seal-Inner ●
1:6		1	Seal-Commutator ●
2	99-3090	1	Shaft-Coupling
3	99-3091	7	Screw-Cap, HH
4	3257-42	1	Key-Woodruff

● Not serviced separately



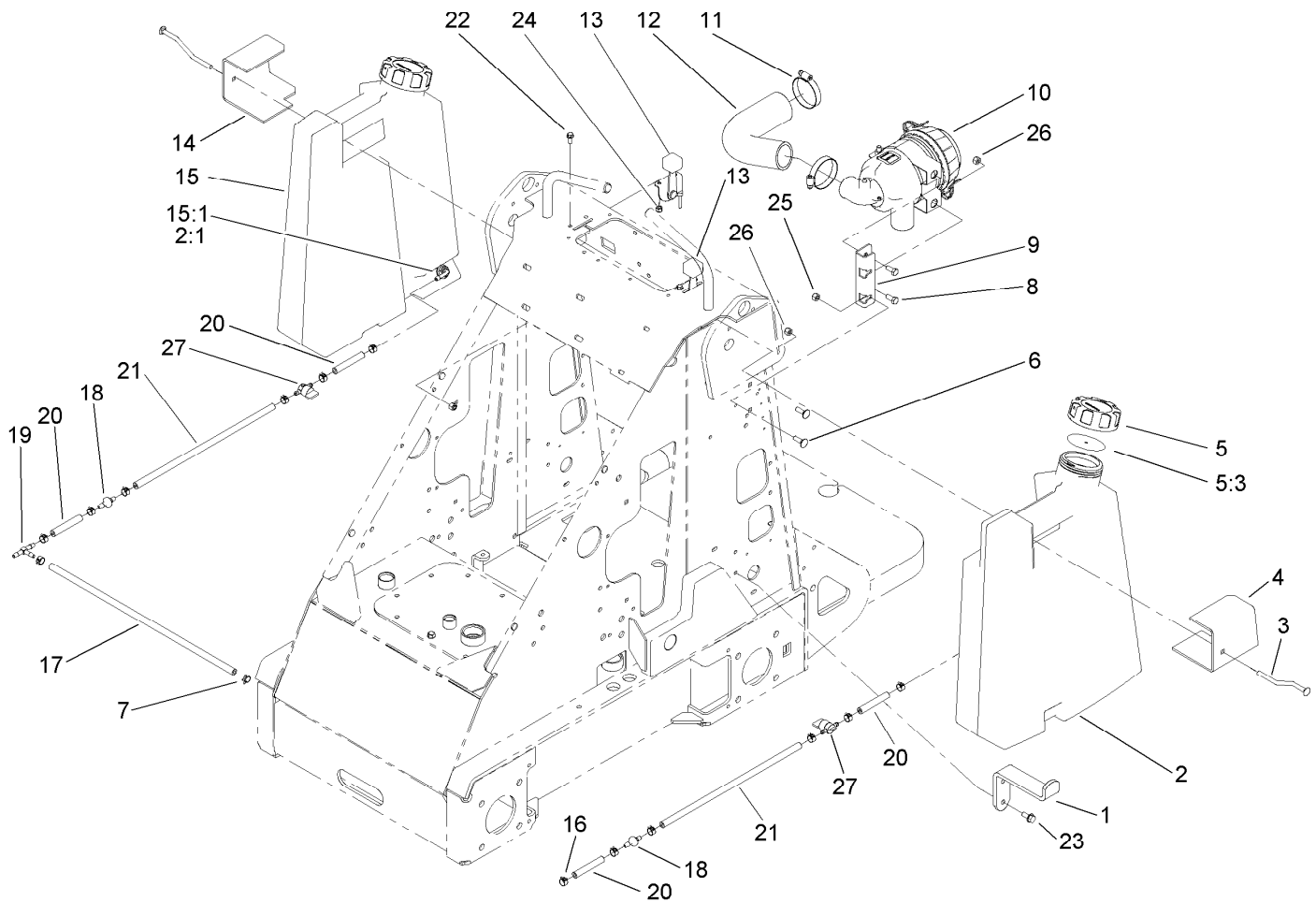
Engine and Pump Assembly

Ref.	Part Number	Qty.	Description
1	3296-39	4	Nut-Lock, NI
2	98-4666-03	1	Mount-Engine
3	95-1726	4	Screw-Taptite
4	92-6877	1	Valve-Drain, Oil
5	323-9	4	Screw-HH
6		1	Engine-Kohler, Ch680-3015
6:1	92-6780	4	Nut-HF
6:2	93-0350	2	Gasket-Exhaust
7	10-7070	1	Key-Square
8	99-3115-03	1	Shield-Muffler
9	99-3138	1	Support-Shield
10	3296-29	4	Nut-Lock, NI
11	2112-9	1	Clamp
11:1	32128-20	2	Nut-HF
12	105-8381	1	Muffler
13	324-6	4	Screw-HH
14	98-2751-03	1	Mount-Pump
15	98-4701	1	Hub-Pump
16	322-7	4	Screw-HH
17	71-4411	4	Spacer
18	44-2230	2	Coupling-Rubber

Ref.	Part Number	Qty.	Description
19	27-1960	1	Hub-Engine
20	3241-6	4	Screw-SQH
21	3256-23	1	Washer-Plain
24	98-4702	1	Pump-Gear, Tandem
24:1	98-4700	1	Key-Square
24:2	99-1353	1	Seal Kit ●
25	66-9300	2	Screw-HHF
26	99-3017	2	Fitting
26:1	237-81	1	O-Ring
27	2412-111	4	Clamp-Hose, W/Liner
28	99-3046	2	Hose-Suction, Formed
29	354-78	2	Fitting-STR
29:1	237-146	1	O-Ring
30	322-6	1	Screw-HH
31	98-4695	1	Spacer
32	99-3116-03	2	Spacer-Bar
33	32152-1	1	Nut-Lock, Cone
34	32152-4	2	Nut-Lock, Cone
35	3234-21	2	Screw-HHF
36	3218-2	2	Nut-Hex Jam
37	98-4667	1	Hose

● Not illustrated

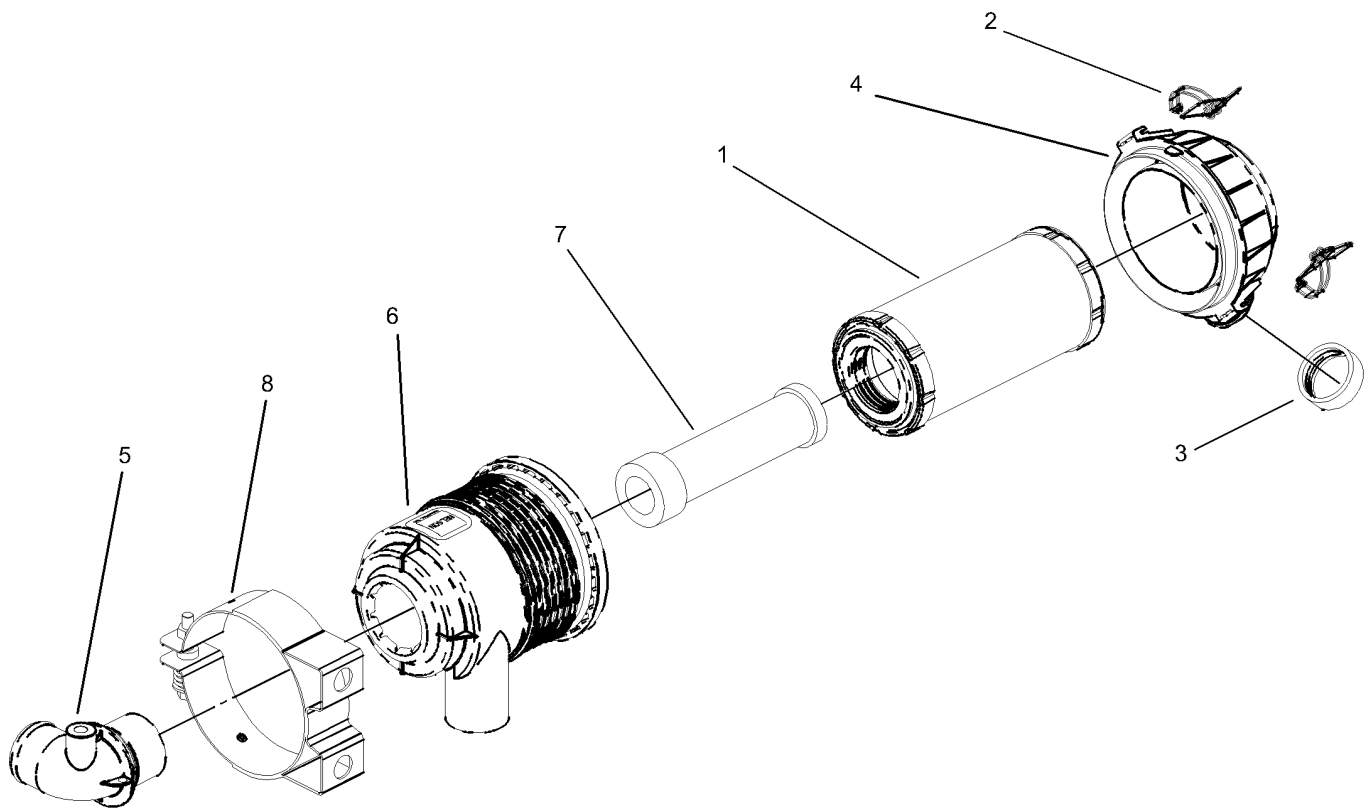
■ Not serviced separately



Fuel Tank and Air Filter Assembly

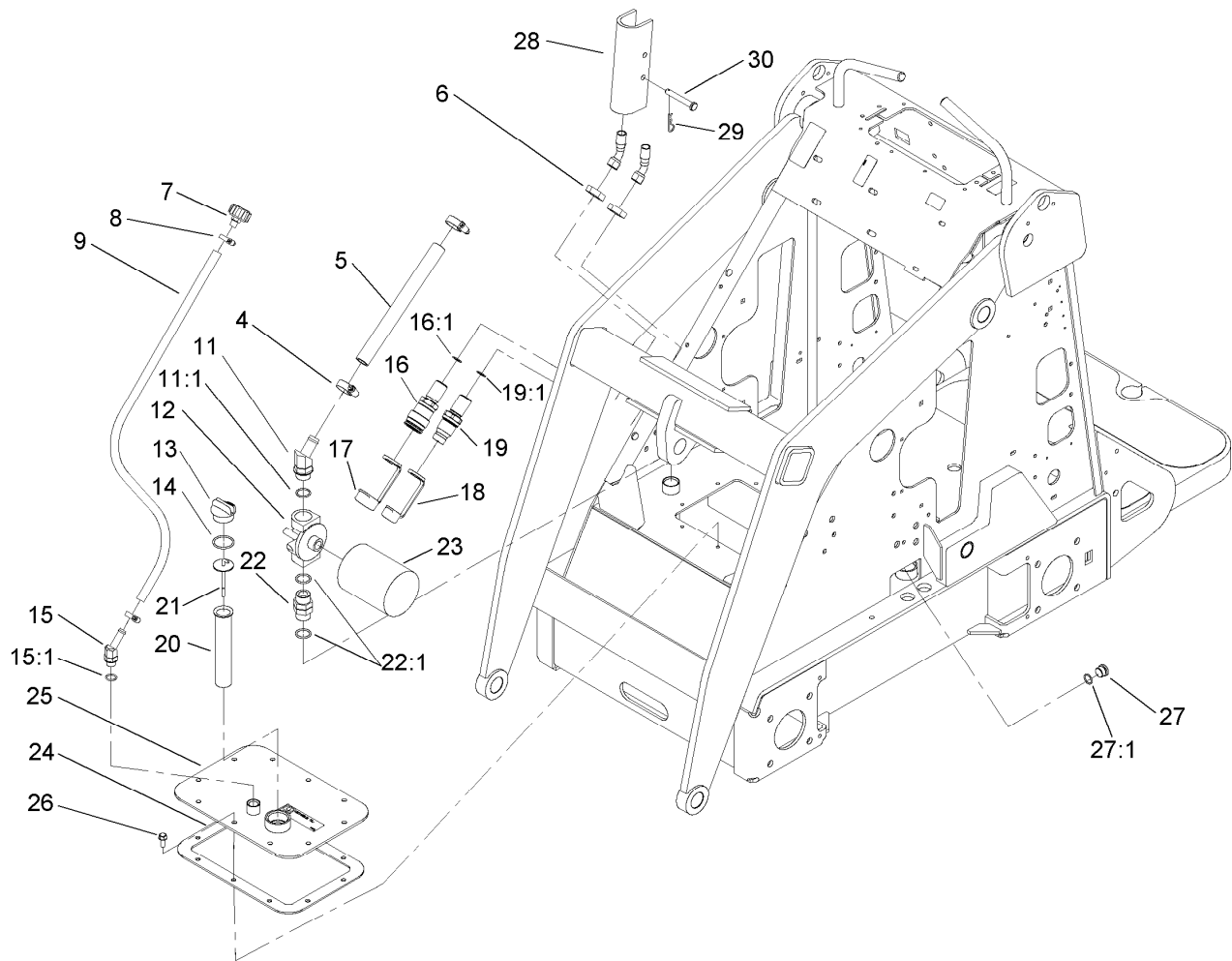
Ref.	Part Number	Qty.	Description
1	98-4656-03	2	Mount-Bottom, Tank
2	105-8439	1	LH Fuel Tank ASM
2:1	103-2605	1	Fitting-Fuel, Bulkhead
3	98-4657	2	Bolt-Mount
4	99-1444-03	1	Plate-Mount, Left
5	104-7418	2	Cap-Fuel, Gas
5:3	104-7420	1	Gasket-Vented
6	3230-2	2	Bolt-CARR
7	2412-98	1	Clamp-Hose
8	322-3	2	Screw-HH
9	99-3080-03	1	Mount-Cleaner, Air
10	99-3160	1	Air Cleaner ASM
11	2412-42	2	Clamp-Hose
12	99-3148	1	Hose-Air
13	85-9310	2	Control-Choke / Throttle

Ref.	Part Number	Qty.	Description
14	98-4655-03	1	Plate-Mount
15	105-8440	1	RH Fuel Tank ASM
15:1	103-2605	1	Fitting-Fuel, Bulkhead
16	92-2379	13	Clamp-Hose
17	99-3185	1	Hose-Fuel
18	99-5000	2	Valve-Check, Fuel
19	99-5005	1	Fitting-Tee, Barbed
20	99-5101	4	Hose-Fuel
21	94-1349	2	Hose-Fuel
22	3234-33	4	Screw-HHF
23	32144-70	4	Screw-HWHTF
24	3296-42	4	Nut-Lock, NI
25	32128-20	2	Nut-HF
26	3296-29	4	Nut-Lock, NI
27	1-603770	2	Valve-Fuel



Air Cleaner Assembly No. 99-3160

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	99-3173	1	Element-Filter, Air
2	99-3174	2	Clip-Cleaner, Air
3	99-3175	1	Valve-Ejector, Dust
4	99-3176	1	Cover
5	99-3183	1	Tube ASM
6	99-3184	1	Housing
7	99-3198	1	Filter-Safety
8	99-3197	1	Mounting Bracket ASM

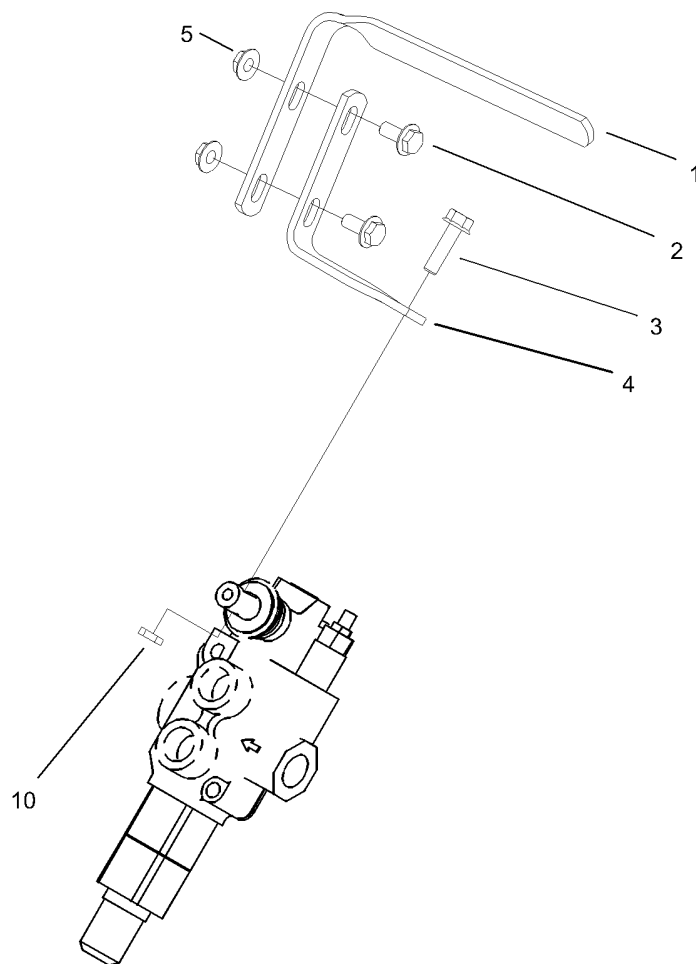


Hydraulic Tank and Filter Assembly

Ref.	Part Number	Qty.	Description
4	2412-129	2	Clamp-Hose
5	98-4745	1	Hose-HYD, Suction, Hi
6	340-74	2	Nut-Lock, Bulkhead
7	68-6150	1	Breather
8	2412-36	2	Clamp-Hose
9	98-2708	1	Hose-Vent
11	354-127	1	Fitting-Elbow45
11:1	237-81	1	O-Ring
12	92-5821	1	Head-Filter
13	93-7498	1	Plug-Plastic
14	237-123	1	O-Ring
15	354-126	1	Fitting-Elbow, 45
15:1	237-79	1	O-Ring
16	105-8394	1	Bulkhead Coupler ASM
16:1	237-65	1	O-Ring
16:2	105-8396	1	Seal Kit ●
17	100-8816	1	Cap-Dust, Coupler

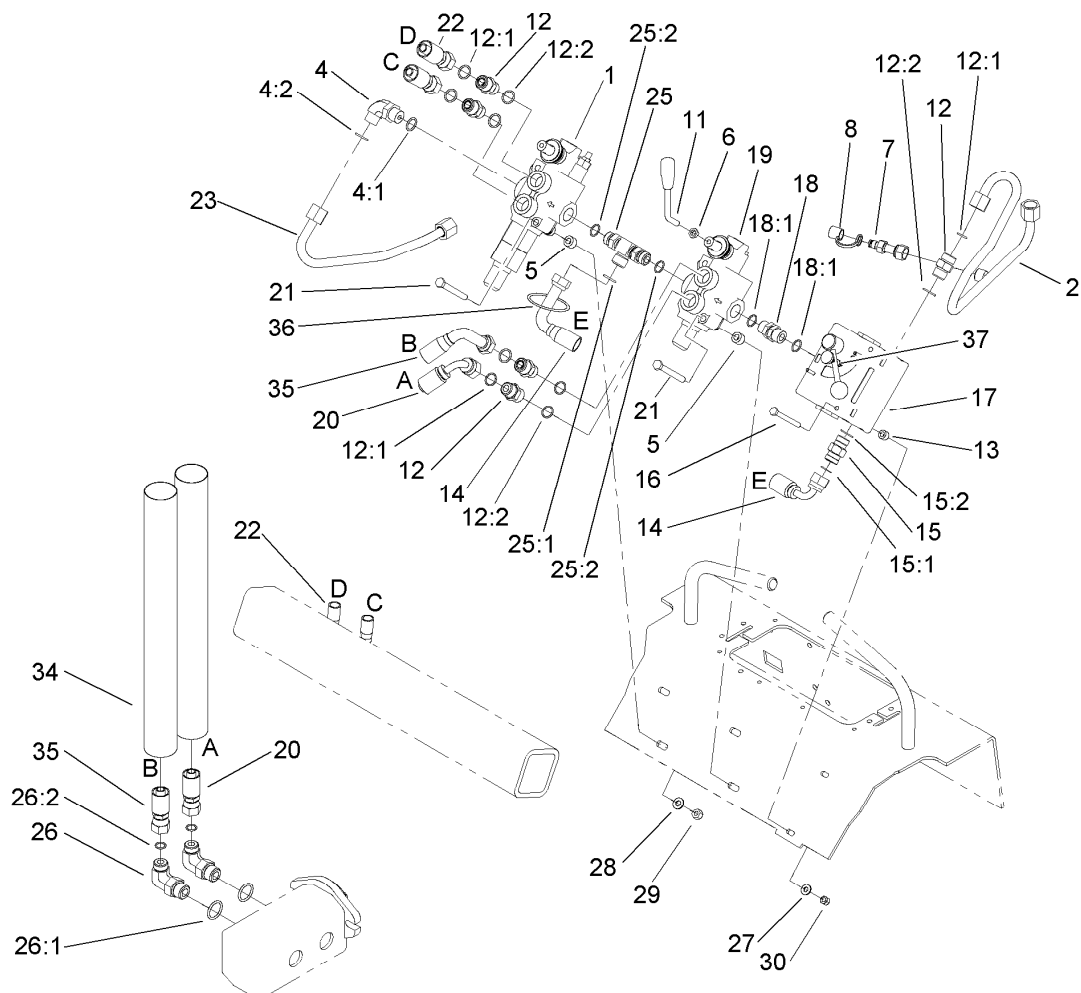
Ref.	Part Number	Qty.	Description
18	100-8815	1	Cap-Dust, Nipple
19	105-8395	1	Bulkhead Nipple ASM
19:1	237-65	1	O-Ring
19:2	100-6120	1	Seal Kit ●
20	61-2790	1	Filter-Screen
21	100-2097	1	Dipstick-Oil
22	98-9906	1	Fitting-Thread, Straight
22:1	237-81	2	O-Ring
23	54-0110	1	Filter-Oil, Transmission
24	98-9927	1	Gasket-Cover
25	100-1713-01	1	Cover
26	98-9940	10	Screw-HHF
27	353-988	1	Plug-Hex
27:1	237-79	1	O-Ring
28	98-4675-01	2	Lock-Cylinder
29	3290-467	2	Pin-Hair
30	283-52	2	Pin-Clevis

● Not illustrated



Auxiliary Control Lever Assembly

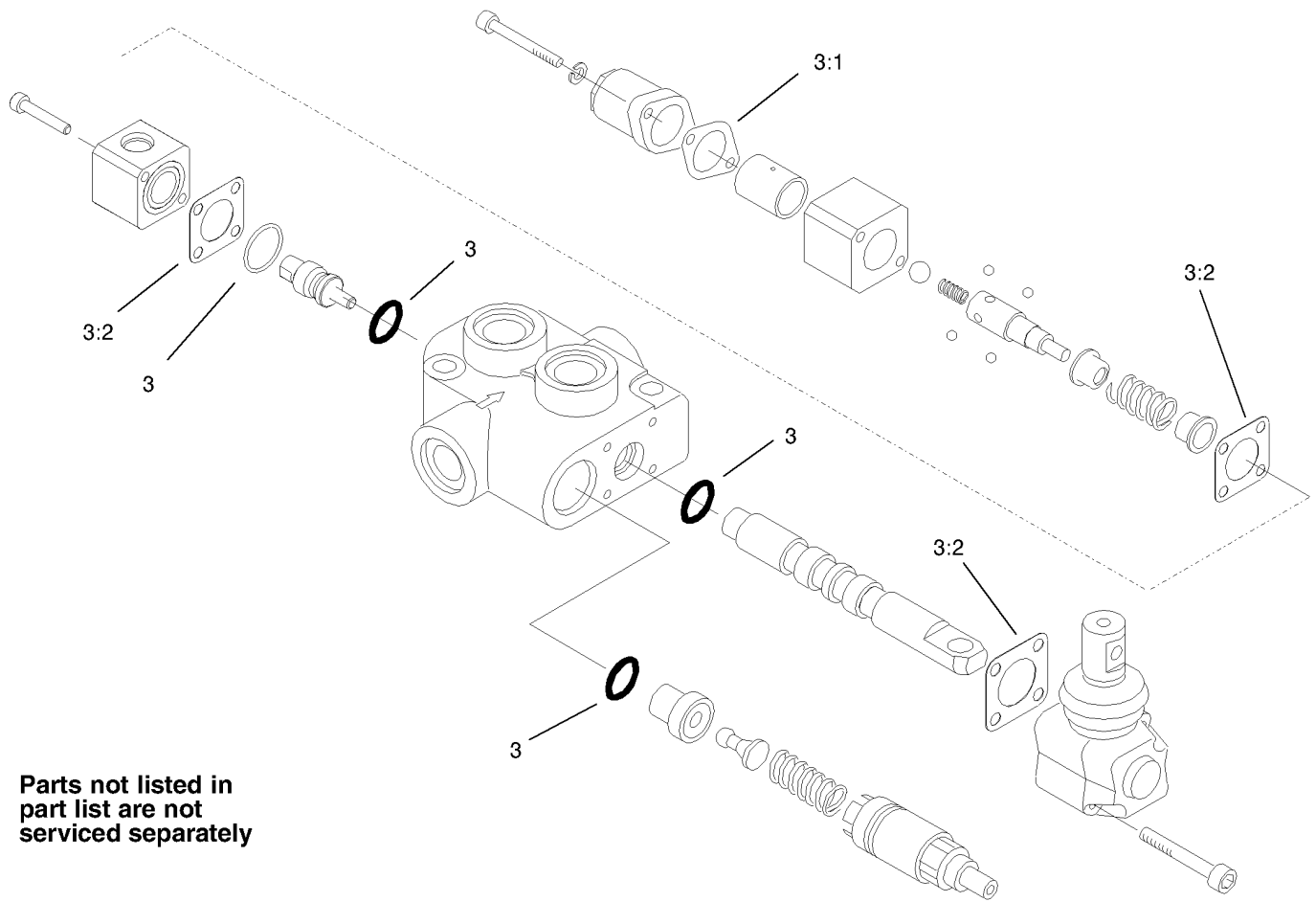
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	98-9090	1	Grip-Control
2	3234-5	2	Screw-HHF
3	33104-030	1	Screw-HHF
4	99-1376	1	Mount-Control
5	32128-44	2	Nut
10	42-9580	1	Nut-Hex



Hydraulic Valve Assembly

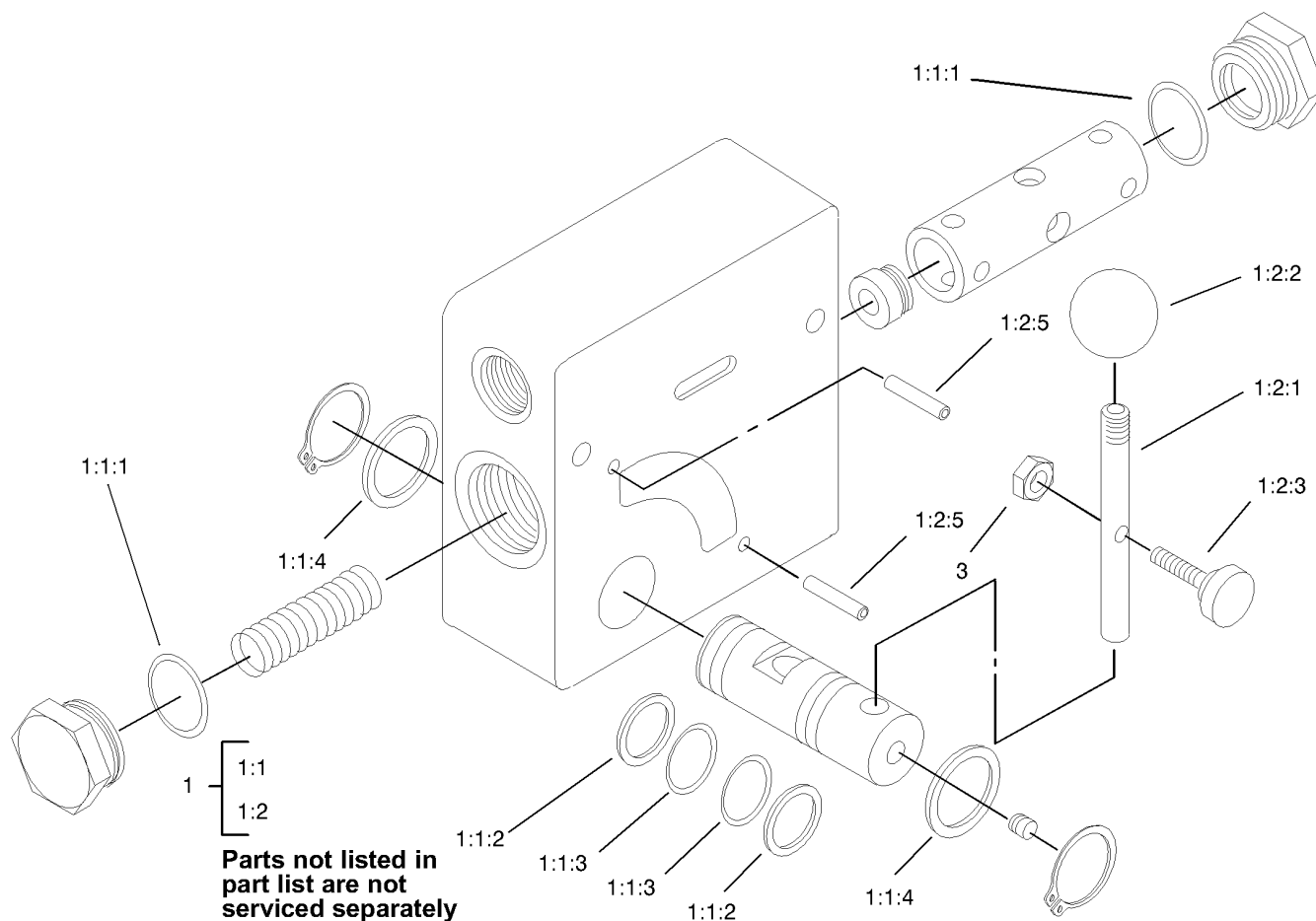
Ref.	Part Number	Qty.	Description
1	99-3077	1	Valve-HYD, Auxiliary
2	105-7878	1	Tube-HYD
4	340-98	1	Fitting-Elbow, 90 DEG
4:1	237-79	1	O-Ring
4:2	237-30	1	O-Ring
5	98-4695	4	Spacer
6	42-9580	1	Nut-Hex
7	86-5480	1	Nipple-Test
8	354-79	1	Cap-Dust
11	98-4729	1	Lever-Valve
12	340-4	5	Fitting-Straight
12:1	237-30	1	O-Ring
12:2	237-79	1	O-Ring
13	98-4799	2	Spacer
14	98-4744	1	Hose ASM
15	98-4735	1	Valve-Check, HYD
15:1	237-30	1	O-Ring
15:2	237-79	1	O-Ring
16	321-14	2	Screw-HH
17	104-4221	1	HYD Valve Kit
18	95-3209	1	Fitting-Thread, Straight

Ref.	Part Number	Qty.	Description
18:1	237-79	2	O-Ring
19	99-3072	1	Valve-Selector, HYD
20	98-4747	1	Hose-HYD
21	322-13	4	Screw-HH
22	100-8817	2	Hose-HYD
23	105-7879	1	Tube-HYD
25	98-9079	1	Adapter-Tee, Adjustable
25:1	237-30	1	O-Ring
25:2	237-79	2	O-Ring
26	340-105	2	Fitting-Elbow, 90 DEG
26:1	237-80	1	O-Ring
26:2	237-30	1	O-Ring
27	3256-22	2	Washer-Flat
28	3256-23	4	Washer-Plain
29	3296-29	4	Nut-Lock, NI
30	3296-42	2	Nut-Lock, NI
34	100-8818	2	Sleeve-Guard, Hose
35	99-3008	1	Hose-HYD
36	3290-379	9	Tie-Cable
37	3296-27	1	Nut-Lock, NI



Hydraulic Valve Assembly No. 99-3077

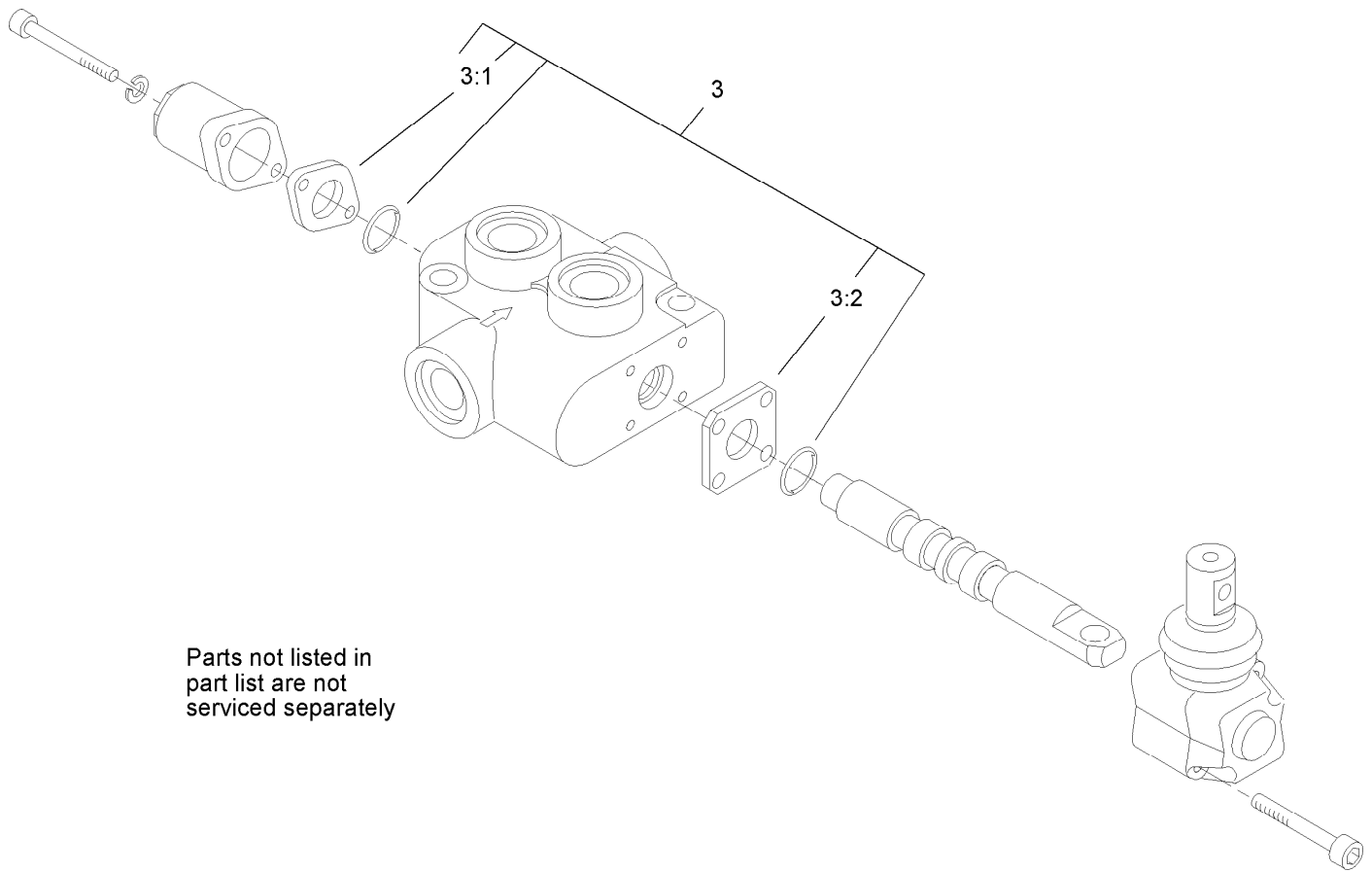
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	99-4391	1	Seal Kit
3:1	99-3074	1	Gasket
3:2	99-3075	3	Gasket



Hydraulic Valve Assembly No. 104-4221

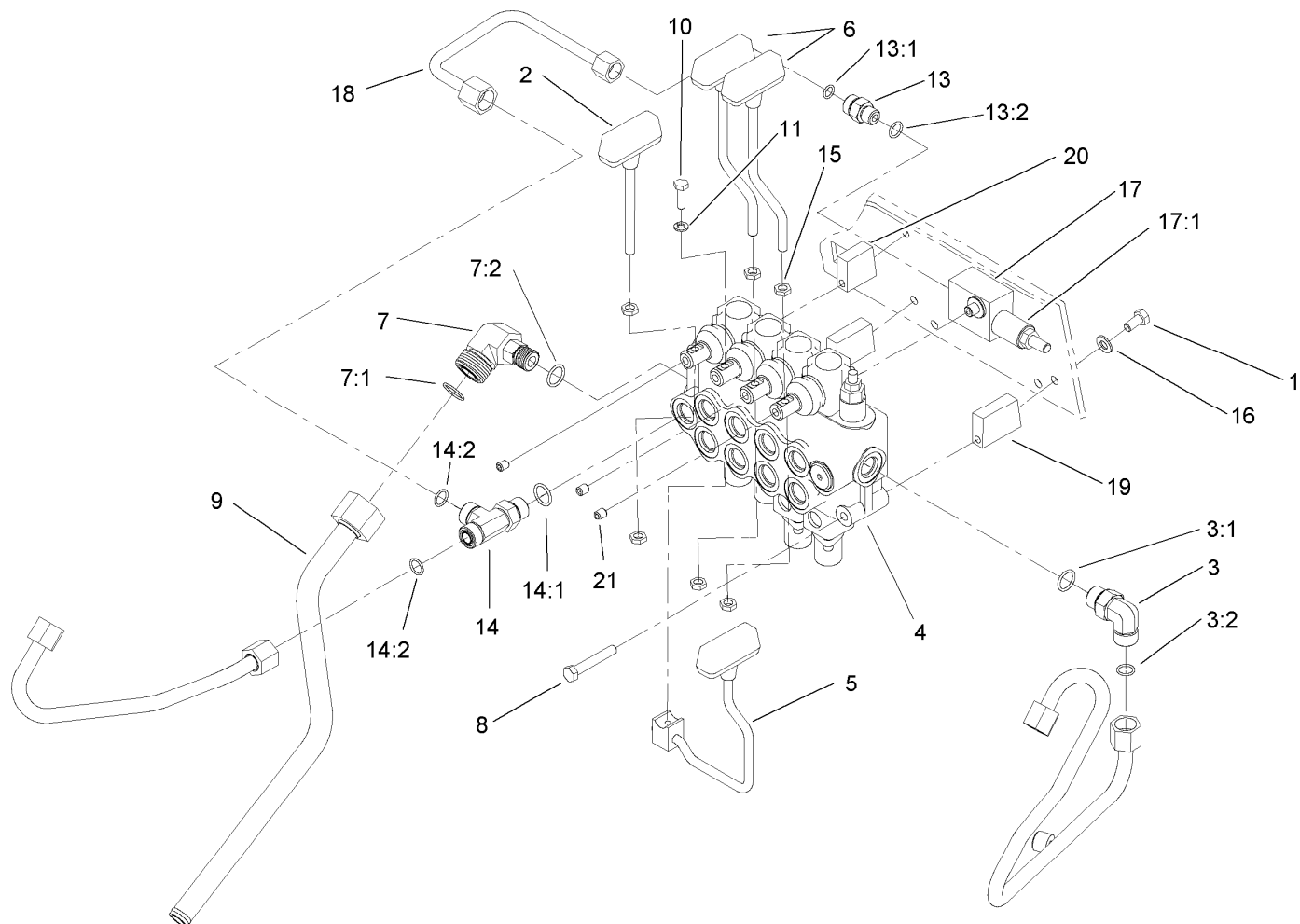
Ref.	Part Number	Qty.	Description
1		1	Valve-Flow, Hydraulic ●
1:1	104-4231	1	Seal Kit
1:1:1		2	Seal-Dust ●
1:1:2		2	Back-Up ●
1:1:3		2	Seal-Dust ●
1:1:4		2	Quad Ring ●
1:2	98-9098	1	Handle Hardware Kit
1:2:1		1	Handle ●
1:2:2		1	Knob ●
1:2:3		1	Screw-Thumb ●
1:2:5		2	Pin-Roll ●
3	3296-27	1	Nut-Lock, NI

● Not serviced separately



Hydraulic Selector Valve Assembly No. 99-3072

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
3	99-4391	1	Seal Kit
3:1	99-3074	1	Gasket
3:2	99-3075	3	Gasket

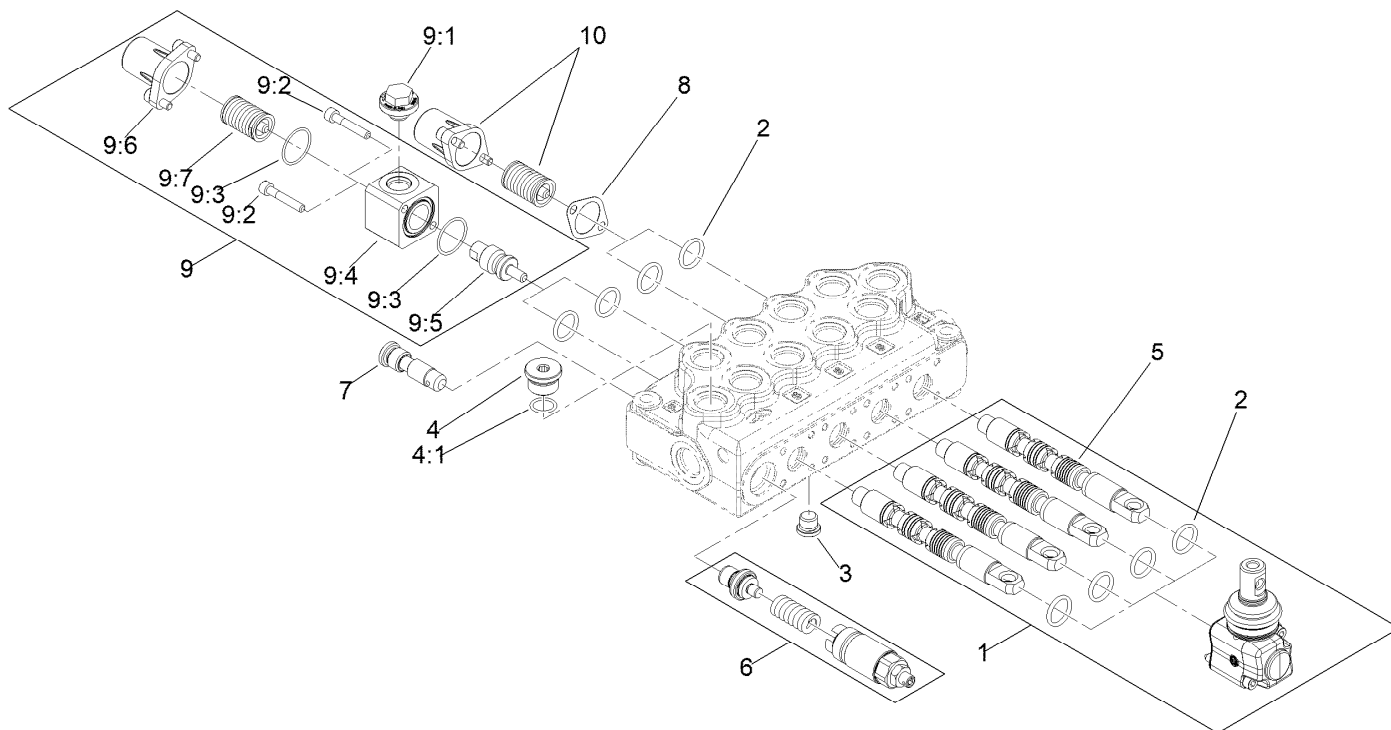


4-Spool Valve Assembly

Ref.	Part Number	Qty.	Description
1	322-2	3	Screw-HH
2	105-7881	1	Lever-Cylinder
3	340-98	1	Fitting-Elbow, 90 DEG
3:1	237-79	1	O-Ring
3:2	237-30	1	O-Ring
4	105-8377	1	HYD Four Spool Valve ASM
5	106-8165	1	Lever-Control
6	104-5733	2	Lever-Drive
7	92-5696	1	Fitting-Elbow, 90 DEG
7:1	237-58	1	O-Ring
7:2	237-79	1	O-Ring
8	322-10	3	Screw-HH
9	106-8177	1	Tube-Tank, HYD
10	321-5	1	Screw-HH
11	3253-3	1	Washer-Lock

Ref.	Part Number	Qty.	Description
13	340-2	1	Fitting-Straight
13:1	237-22	1	O-Ring
13:2	237-42	1	O-Ring
14	340-109	1	Fitting-Tee
14:1	237-79	1	O-Ring
14:2	237-30	2	O-Ring
15	42-9580	6	Nut-Hex
16	3256-23	3	Washer-Plain
17	105-7882	1	Relief Valve ASM
17:1	105-8358	1	Cartridge-Valve, Relief
17:2	105-8357	1	Seal Kit ●
18	105-7866	1	Line-HYD
19	105-7871	2	Spacer-Lower
20	105-7870	1	Spacer-Upper V
21	105-4068	3	Screw-Set, HSH

● Not illustrated

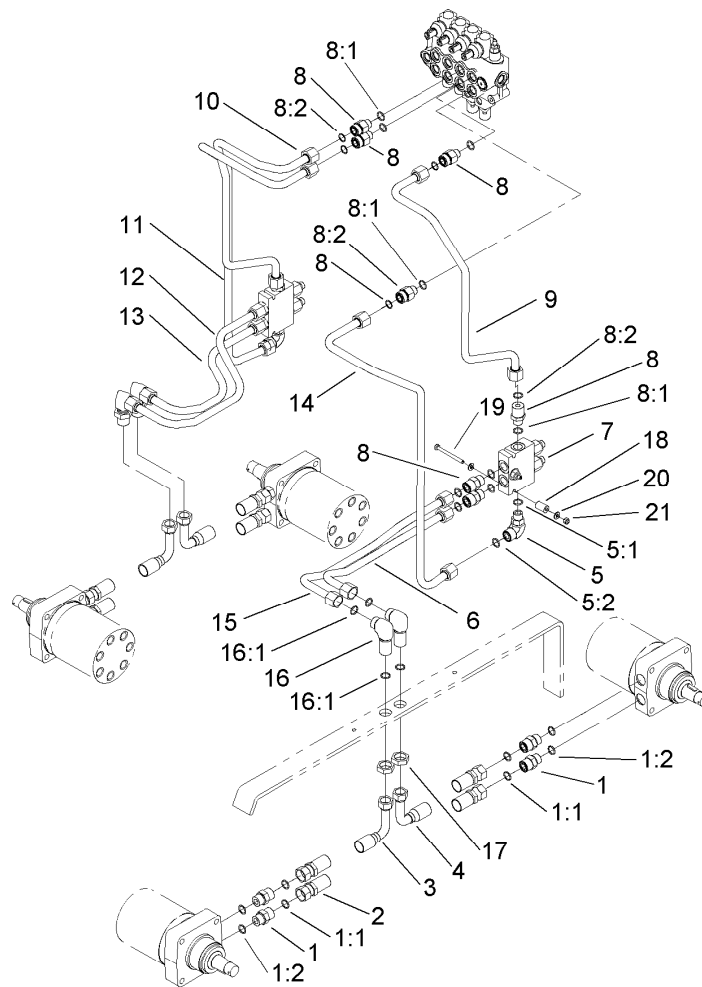


Four Spool Hydraulic Valve Assembly No. 105-8377

Ref.	Part Number	Qty.	Description
1	139-8891	4	Lsg/S5 Lever Kit With Screws
2	139-8886	8	O-Ring Seal, 70 Sh
3	139-8884	1	SAE 4 Plug
4	353-988	1	Plug-Hex
4:1	237-79	1	O-Ring
5	105-8441	4	Spool-Valve
6	139-8890	1	Vmd5 (Jn) Inlet Part
7	139-8880	1	Kit-Valve Body
8	99-3074	2	Gasket

Ref.	Part Number	Qty.	Description
9	139-8887	2	S5 Command Kit
9:1		1	Plug ●
9:2		2	Screw ●
9:3		2	O-ring ●
9:4		1	Block ●
9:5		1	Pin ●
9:6		1	End Cap ●
9:7		1	Spring ●
10	161-1080	2	S5 End Cap Kit

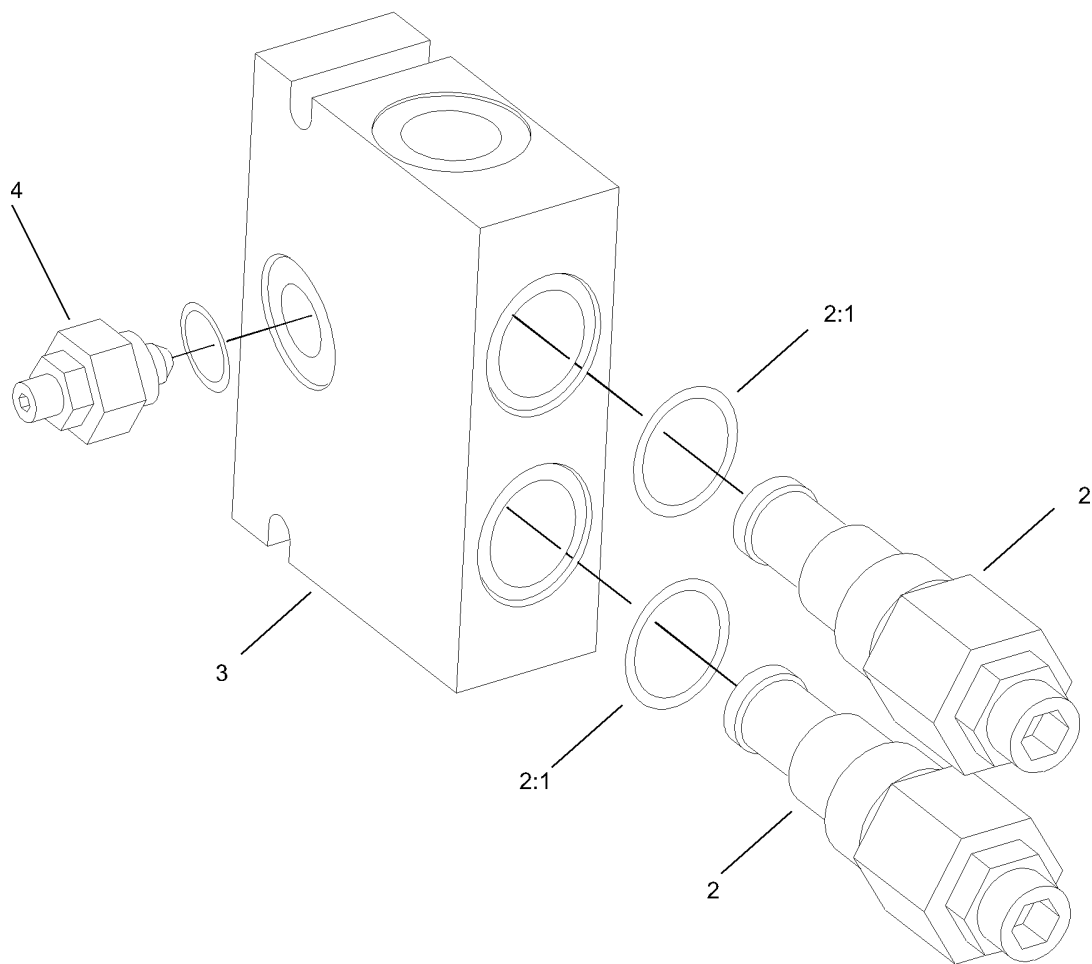
● Not serviced separately



Hydraulic Motor Assembly

Ref.	Part Number	Qty.	Description
1	340-7	8	Fitting-Straight
1:1	237-65	1	O-Ring
1:2	237-80	1	O-Ring
2	99-3012	2	Hose-HYD
3	99-3010	2	Hose-HYD
4	99-3011	2	Hose-HYD
5	340-153	2	Fitting-Elbow, 90 DEG
5:1	237-79	1	O-Ring
5:2	237-151	1	O-Ring
6	99-3022	1	Tube-HYD
7	99-3040	2	HYD Counterbalance Valve ASM
8	340-155	10	Fitting-Straight
8:1	237-79	1	O-Ring
8:2	237-151	1	O-Ring

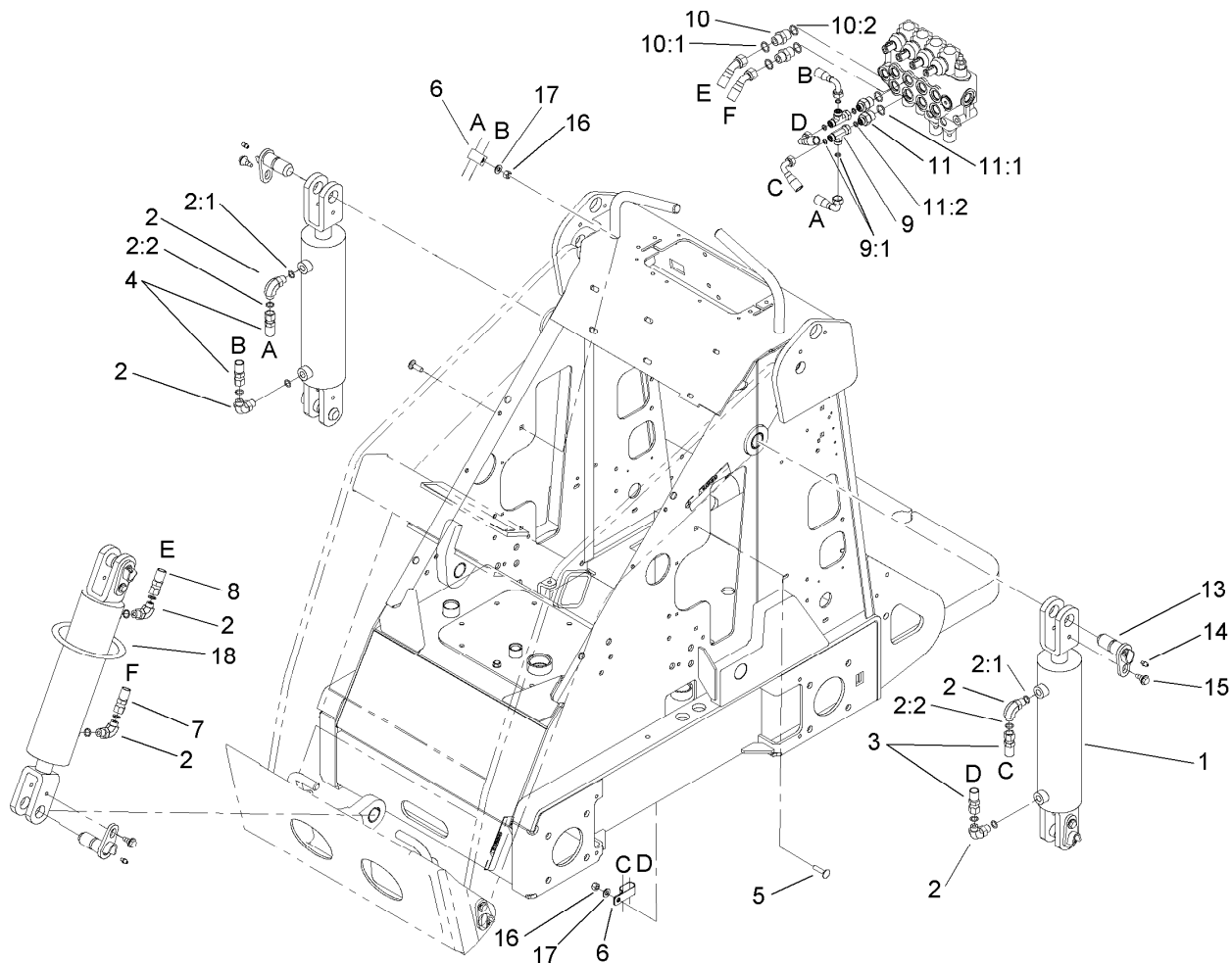
Ref.	Part Number	Qty.	Description
9	105-7898	1	Line-Hydraulic (Left B)
10	105-7899	1	Line-Hydraulic (Right B)
11	105-7897	1	Line-Hydraulic (Right A)
12	99-3025	1	Tube-HYD
13	99-3028	1	Tube-HYD
14	105-7896	1	Line-Hydraulic (Left A)
15	99-3026	1	Tube-HYD
16	340-72	4	Fitting-Bulkhead, 90 DEG
16:1	237-65	2	O-Ring
17	340-74	4	Nut-Lock, Bulkhead
18	99-3057	2	Spacer-Valve
19	321-23	2	Screw-HH
20	3256-22	4	Washer-Flat
21	3296-42	2	Nut-Lock, NI



Counterbalance Valve Assembly No. 99-3040

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	105-4099	1	Seal Kit ●
2	99-3271	2	Valve-Cartridge
3	100-8864	1	Manifold ASM
4	100-8865	1	Needle Valve ASM

● Not illustrated

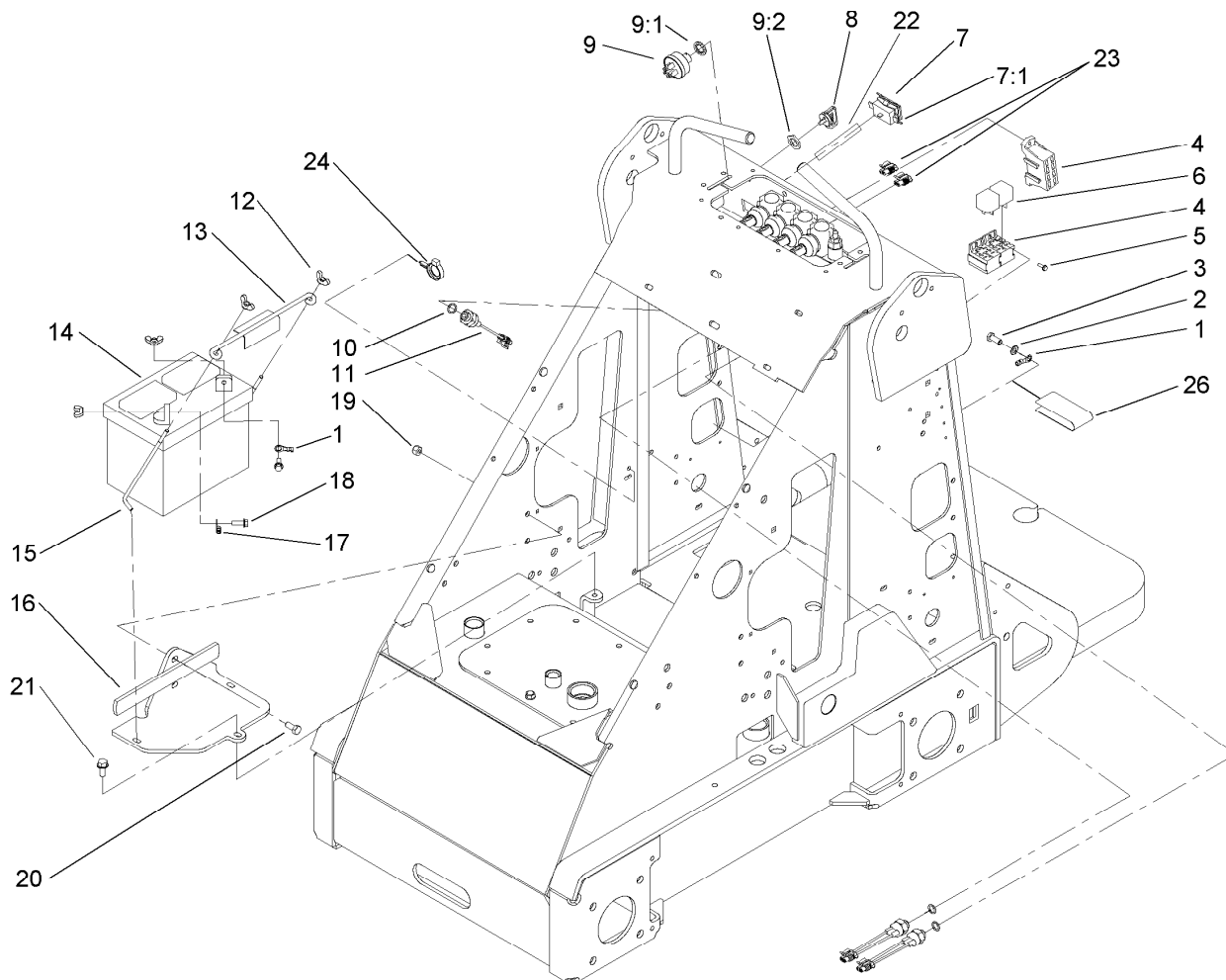


Hydraulic Cylinder Assembly

Ref.	Part Number	Qty.	Description
1	105-7867	3	HYD Cylinder ASM
1:1	105-8356	1	Seal Kit ●
2	340-82	6	Fitting-Elbow, 90 DEG
2:1	237-42	1	O-Ring
2:2	237-21	1	O-Ring
3	98-4748	2	HYD Hose ASM
4	98-4725	2	Hose-HYD
5	3230-3	2	Screw-CARR
6	2412-137	2	Clamp-R, Double
7	98-4726	1	Hose-HYD
8	98-4727	1	Hose-HYD
9	340-151	2	Fitting-Tee
9:1	237-75	3	O-Ring

Ref.	Part Number	Qty.	Description
10	340-3	2	Fitting-Straight
10:1	237-22	1	O-Ring
10:2	237-79	1	O-Ring
11	340-133	2	Fitting-STR
11:1	237-79	1	O-Ring
11:2	237-21	1	O-Ring
13	99-1414	6	Pin-Pivot
14	302-5	6	Fitting-Grease
15	99-5105	6	Screw-Shoulder
16	3296-29	2	Nut-Lock, NI
17	3256-23	2	Washer-Plain
18	3334-945	1	Tie-Cable

● Not illustrated

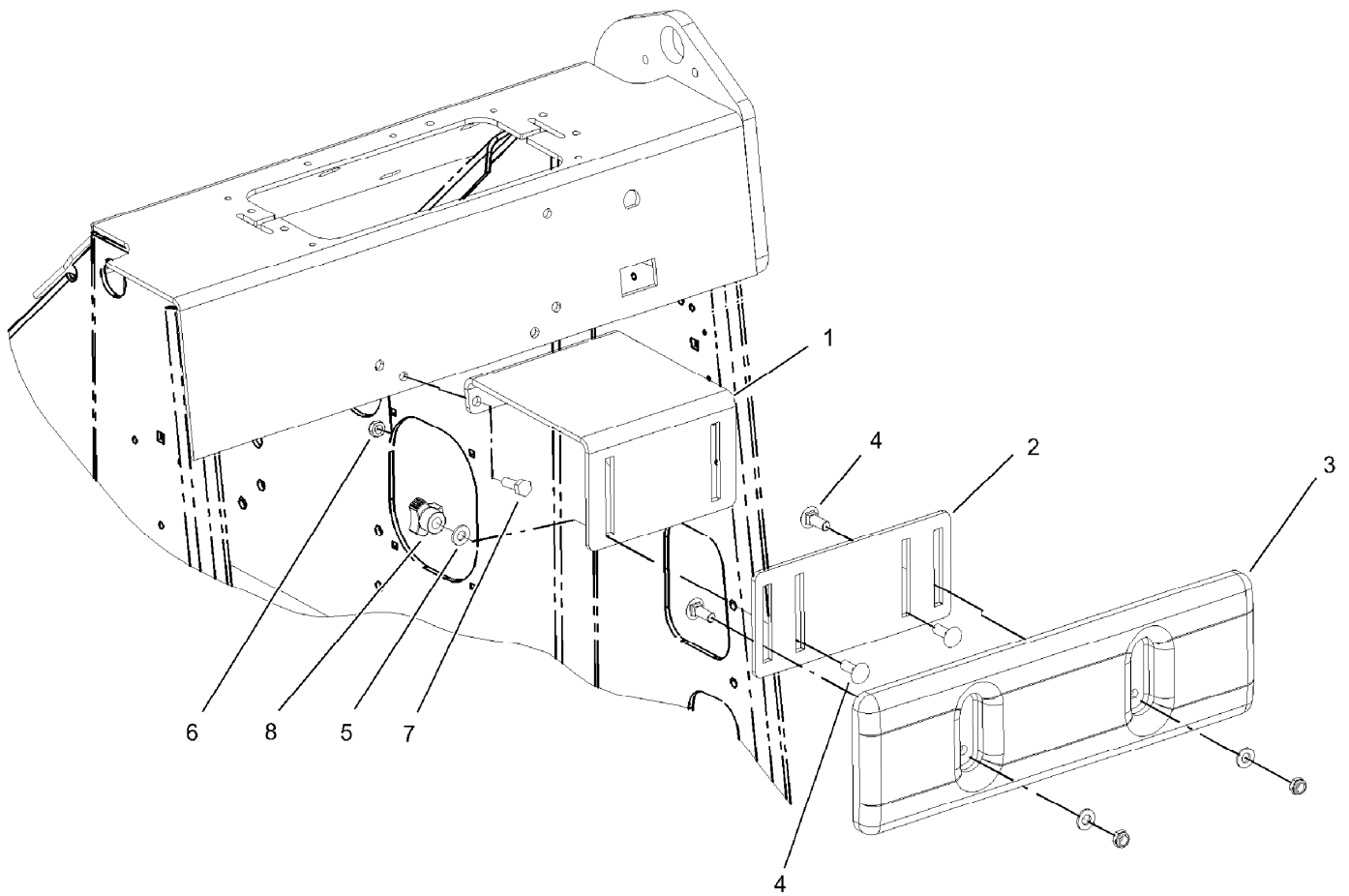


Electrical Component Assembly

Ref.	Part Number	Qty.	Description
1	106-8192	1	Cable-Battery, Negative
2	3255-8	2	Washer-Lock
3	33114-020	4	Screw-HH
4	104-7411	1	Harness-Wire
5	32144-87	3	Screw-HWHTF
6	98-7249	2	Relay
7	105-4067	1	Hourmeter-Inductive
7:1	104-4234	1	Clip-Mounting
8	63-8360	2	Key-Ignition
9	111216	1	Ignition Switch ASM
9:1	9201604	1	Washer-Lock
9:2	101884	1	Nut
10	237-42	3	O-Ring
11	72-4310	3	Switch-Ball
12	32103-22	4	Nut-Wing

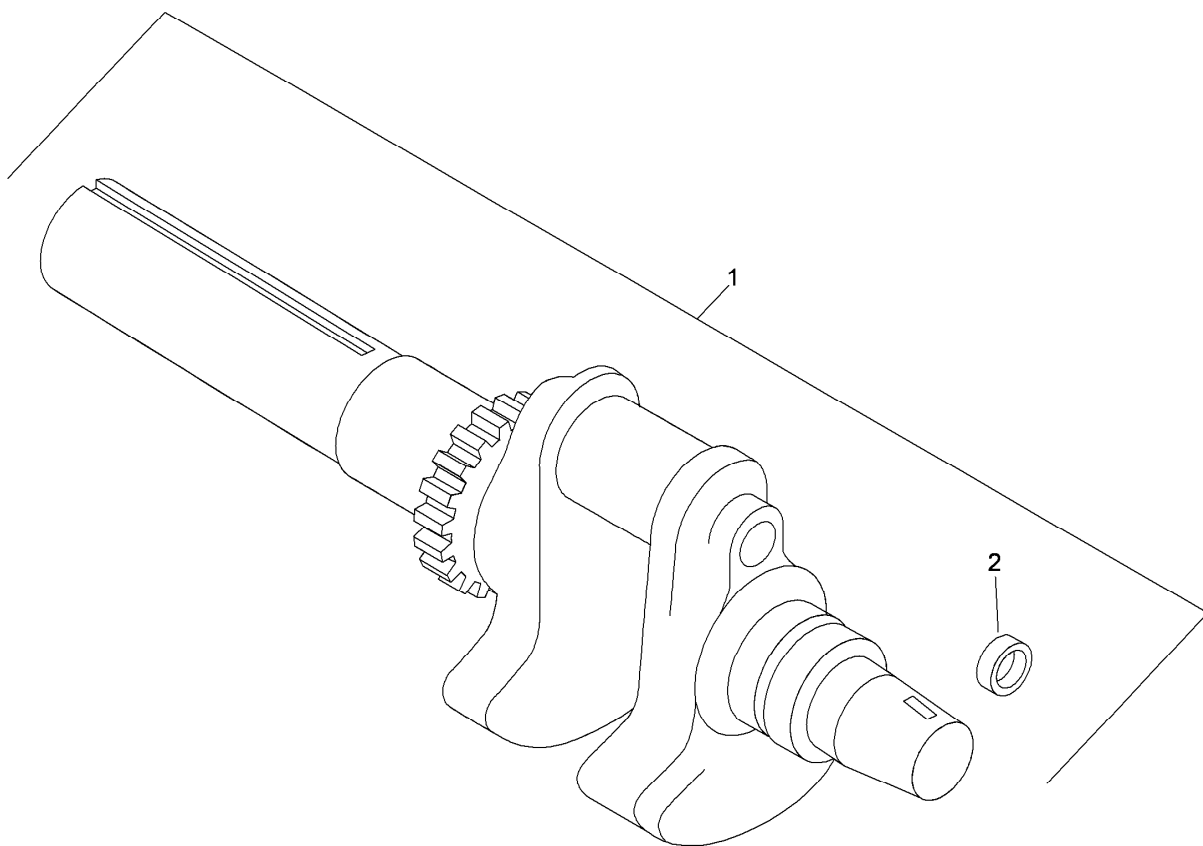
Ref.	Part Number	Qty.	Description
13	113010	1	Holddown-Battery
14	104-2492	1	Battery-Dry
15	99-5027	2	Retainer-Battery
16	99-3060-03	1	Battery Mount ASM
17	100-1712	1	Cable-Positive
18	3234-4	2	Screw-HHF
19	3296-29	2	Nut-Lock, NI
20	322-4	2	Screw-HH
21	32144-70	1	Screw-HWHTF
22	104-7408	1	Wire-Hourmeter
23	99-1433	2	Connector-Female
24	105-1853	1	Clamp-Hose
26	107-9309	1	Decal-Instructions, Charging
99	3290-381	5	Tie-Cable ●

● Not illustrated



Thigh Support Assembly

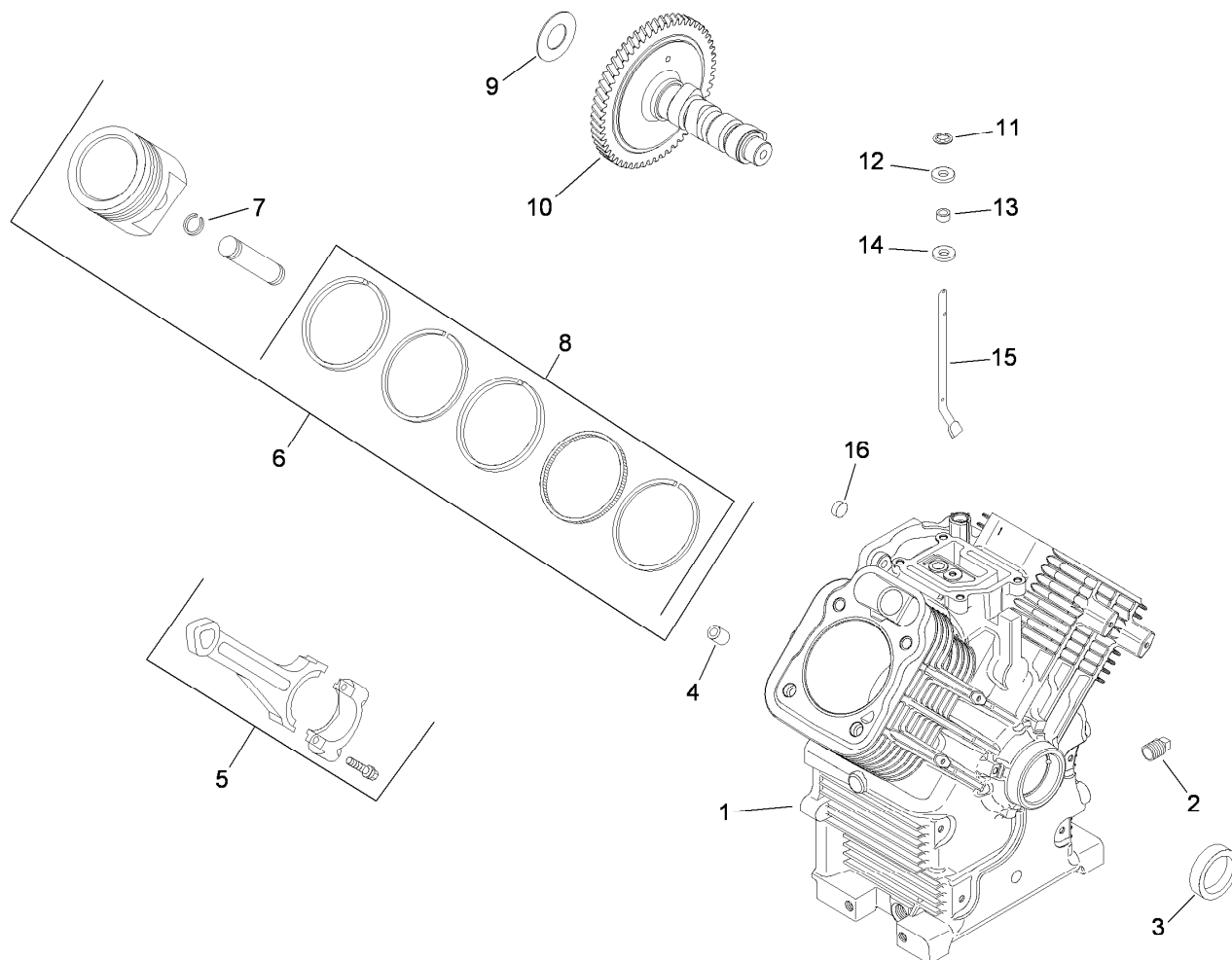
<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	105-0297-03	1	Thigh Support ASM
2	105-0337-03	1	Plate-Adjusting
3	105-0333	1	Support-Thigh
4	3230-16	4	Screw-CARR
5	3256-70	4	Washer-Flat
6	3296-72	4	Nut-Lock, NI
7	322-4	2	Screw-HH
8	104-6156	2	Knob-Adjustment



Crankshaft Assembly Kohler CH23S-76549

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	24 014 90-S	1	Crankshaft (Includes 2) ●
2	52 139 09-S	1	Plug-Cup ●

● Obtain parts from www.kohlerplus.com

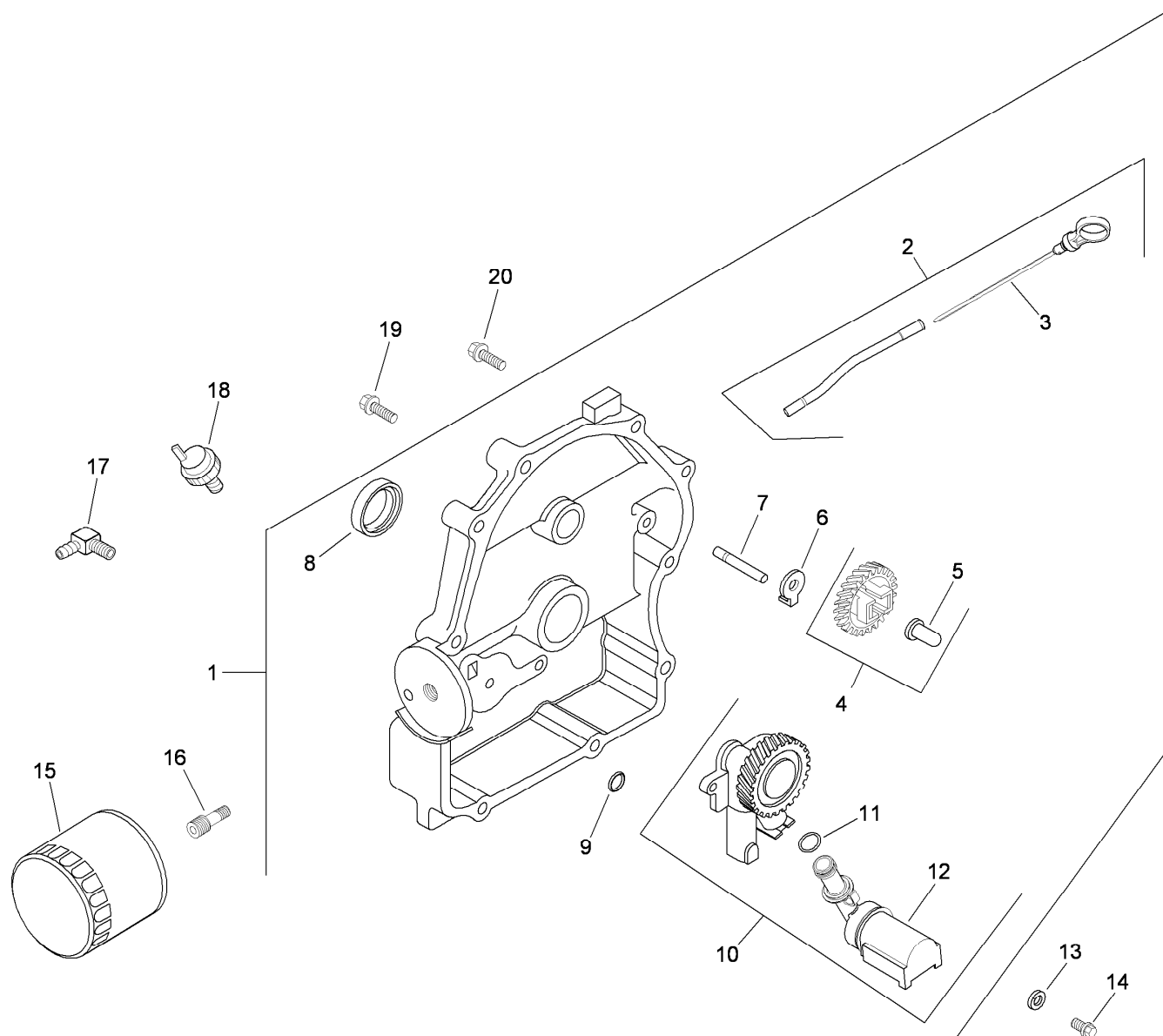


Crankcase Assembly Kohler CH23S-76549

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	24 782 15	1	Miniblock ■	9	12 422 07-S	1	Shim-Camshaft (White .028) ■
2	25 139 57-S	2	Plug-Pipe, Sq HD (3/8) ■	9	12 422 08-S	1	Shim-Camshaft (Blue .03) ■
3	24 032 01-S	1	Seal-Oil ■	9	12 422 10-S	1	Shim-Camshaft (Yellow .034) ■
4	24 380 13-S	6	Pin-Locating ■	9	12 422 11-S	1	Shim-Camshaft (Green .036) ■
5	24 067 13-S	2	Rod-Connecting (Standard) ■	9	12 422 12-S	1	Shim-Camshaft (Gray .038) ■
5	24 067 14-S	2	Rod-Connecting (.25) ■	10	24 012 10-S	1	Camshaft Kit (Includes 25 357 14-S) ■
6	24 874 09-S	2	Piston W/Ring Set (STD) (Includes Ref 7, 8) ■	11	24 018 09-S	1	Retainer-Ring ■
6	24 874 10-S	2	Piston W/Ring Set (.25) (Includes Ref 7, 8) ■	12	M-931010-S	1	Washer-Flat (9MM) ■
6	24 874 11-S	2	Piston W/Ring Set (.50) (Includes Ref 7, 8) ■	13	28 032 09-S	1	Seal-Cross Shaft, Governor ■
6	24 874 15-S	2	Piston W/Ring Set (.08) (Includes Ref 7, 8) ■	14	24 468 15-S	1	Washer-Flat (11/32) ■
7	24 018 01-S	4	Retainer-Pin, Piston ■	15	24 144 38-S	1	Shaft-Cross, Governor ■
8	24 108 08-S	2	Ring Set (STD) ■	16	52 139 09-S	1	Plug-Cup ■
8	24 108 09-S	2	Ring Set (.25) ■		25 357 14-S	1	Lubricant-Camshaft ■●
8	24 108 10-S	2	Ring Set (.50) ■				
9	12 422 09-S	1	Shim-Camshaft (Red .032) ■				
9	12 422 13-S	1	Shim-Camshaft (Black .04) ■				

● Not illustrated

■ Obtain parts from www.kohlerplus.com

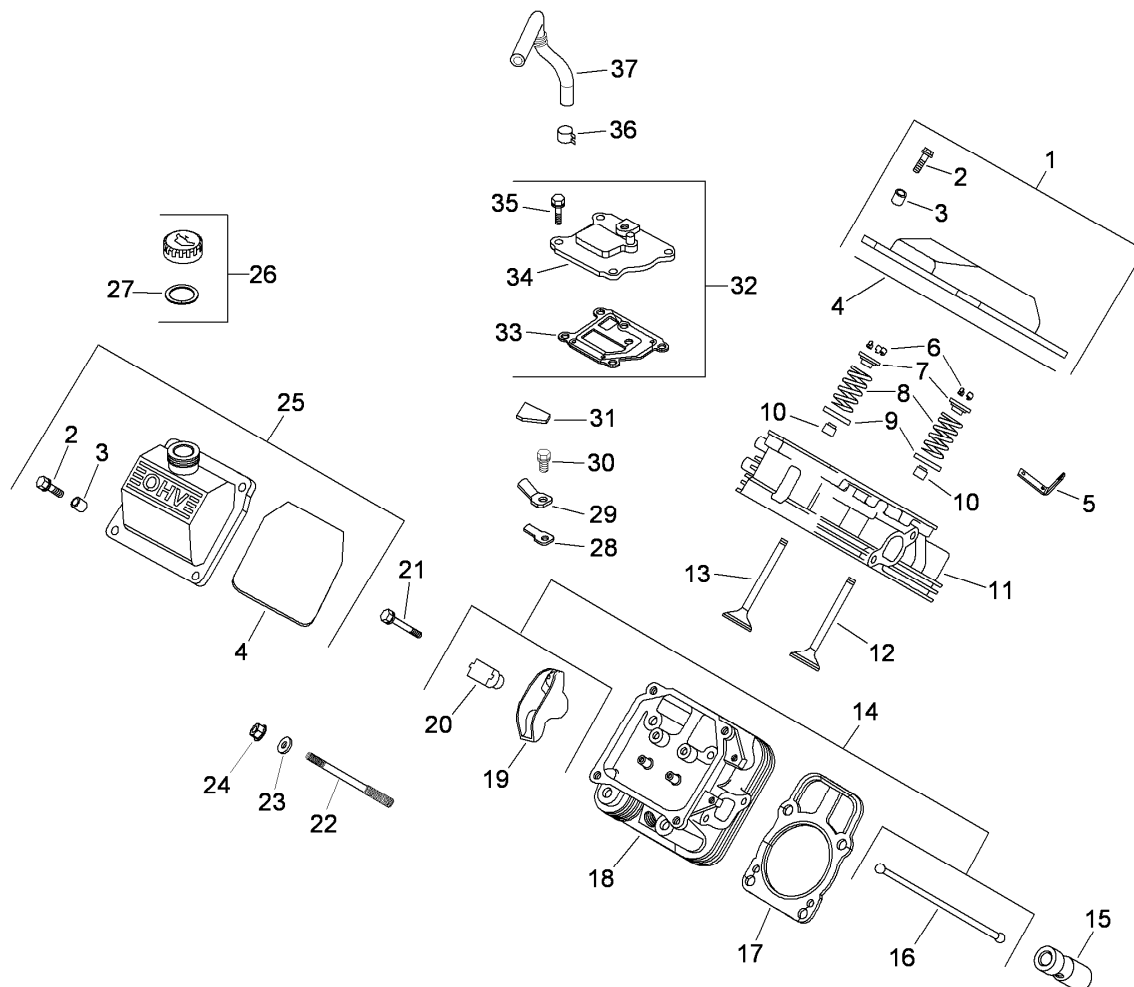


Oil Pan and Lubrication Assembly Kohler CH23S-76549

Ref.	Part Number	Qty.	Description
1	24 009 82-S	1	Closure Plate Kit (Includes Ref 2-12) ●
2	24 755 121-S	1	Dipstick And Dipstick Tube ASM (Includes Ref 3) ●
3	24 038 10-S	1	Dipstick ●
4	24 043 12-S	1	Governor Gear W/Pin Kit (Includes Ref 5) ●
5	12 380 01-S	1	Pin-Regulating, Governor ●
6	52 448 02-S	1	Tab-Locking ●
7	12 144 02-S	1	Shaft-Gear, Governor ●
8	52 032 08-S	1	Seal-Oil (P-T-O End) ●
9	24 153 08-S	2	O-Ring ●
10	24 393 10-S	1	Oil Pump ASM (Includes Ref 11, 12) ●

Ref.	Part Number	Qty.	Description
11	24 153 01-S	1	O-Ring (Oil Pick up) ●
12	24 381 04-S	1	Tube-Pick Up, Oil ●
13	M-631005-S	2	Washer-Flat (6 MM) ●
14	M-645025-S	2	Screw-Flange, Thread Forming (M6X1.0X25) ●
15	52 050 02-S	1	Filter-Oil ●
16	24 136 01-S	1	Nipple-Filter, Oil ●
17	25 155 02-S	1	Connector-Hose, 90 Deg ●
18	24 099 03-S	1	Switch-Pressure, Oil ●
19	24 086 16-S	9	Screw-HF (M8X1.25X45) ●
20	24 086 17-S	1	Screw-Flange (M8X1.25X45) ●

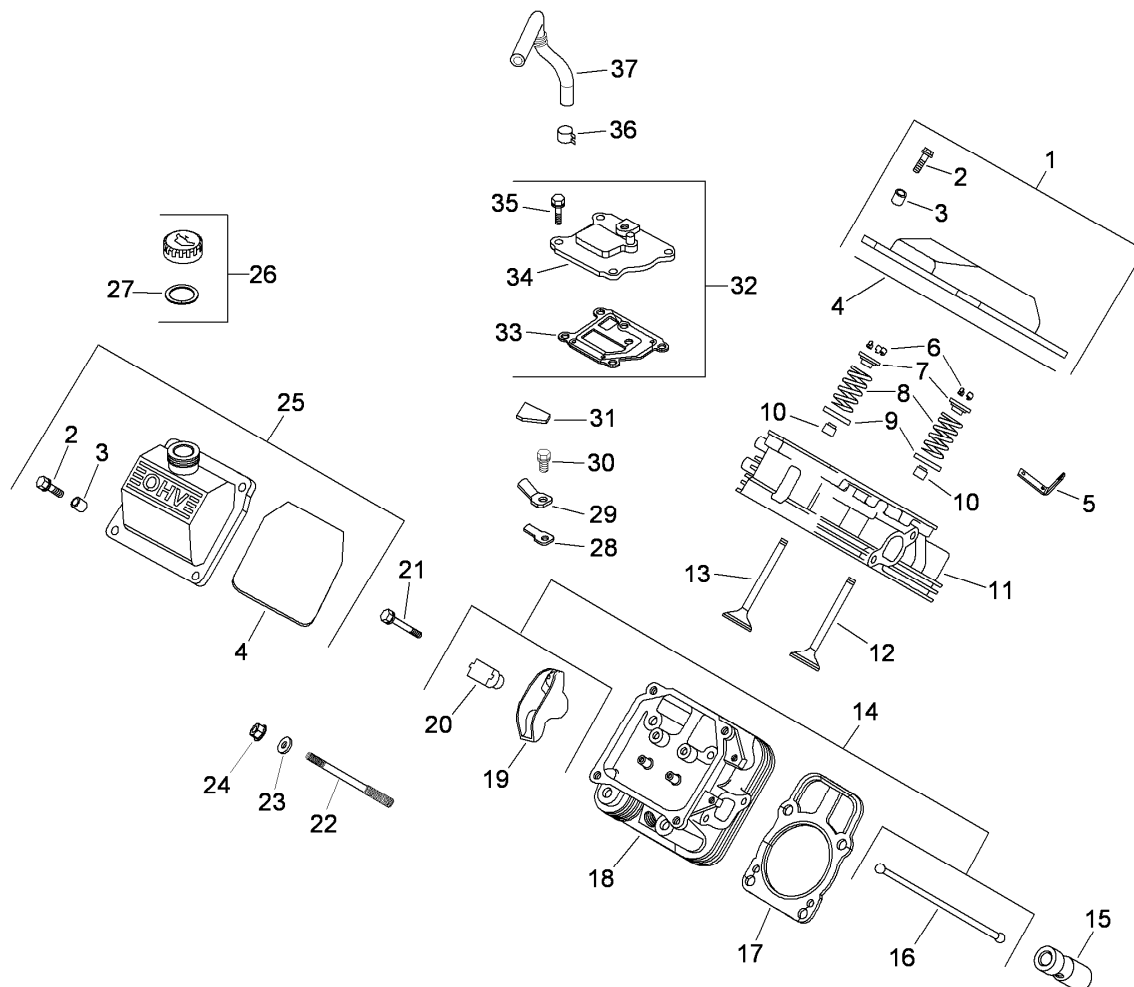
● Obtain parts from www.kohlerplus.com



Head and Valve and Breather Assembly Kohler CH23S-76549

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	24 755 74-S	1	Plain Valve Cover Kit (Includes Ref 2-4) ●	19	25 186 01-S	4	Arm-Rocker ●
2	M-651030-S	4	Screw-Flange (M6X1.0X30) ●	20	24 599 01-S	4	Pivot-Arm, Rocker ●
3	24 112 08-S	4	Spacer ●	21	M-640034-S	8	Screw-Flange (M6X1.0X34) ●
4	24 153 23-S	1	O-Ring ●	22	24 072 09-S	8	Stud (M8X1.25Xm10X1.5X105MM) (Cylinder Head) ●
5	24 445 01-S	1	Strap-Lifting ●	23	24 468 16-S	8	Washer-Flat (8.6 MM) ●
6	12 755 03-S	4	Retainer Kit ●	24	24 100 10-S	8	Nut-Flange (M8X1.25) ●
7	12 173 01-S	4	Cap-Spring, Valve ●	25	24 755 75-S	1	Oil Fill Valve Cover Kit (Includes Ref 2-4) ●
8	24 089 02-S	4	Spring-Valve ●	26	24 755 46-S	1	Oil Fill Cap Kit (Yellow) (Includes Ref 27) ●
9	235011-S	4	Retainer-Spring ●	27	25 153 02-S	1	O-Ring (Oil Fill Cap) ●
10	66 032 05-S	2	Seal-Stem, Valve ●	28	24 402 03-S	1	Reed-Breather ●
11	24 318 68-S	1	No. 1 Cylinder Head ASM ●	29	12 018 01-S	1	Retainer-Reed, Breather ●
12	24 017 01-S	2	Valve-Intake (STD) ●	30	M-545010-S	1	Screw-HHFTF (M5X.80X10) ●
12	24 017 02-S	2	Valve-Intake (.25) ●	31	24 050 01-S	1	Filter-Breather ●
13	24 016 01-S	2	Valve-Exhaust (STD) ●	32	24 033 01-S	1	Breather ASM (Includes Ref 33-35) ●
13	24 016 02-S	2	Valve-Exhaust (.25) ●	33	24 041 23-S	1	Gasket-Breather ●
14	24 755 66-S	1	Valve Train Kit (Includes Ref 16, 19, 20) ●	34	24 096 86-S	1	Cover-Breather ●
15	25 351 01-S	4	Lifter-Valve ●				
16	24 411 05-S	4	Rod-Push ●				
17	24 041 40-S	2	Gasket-Cylinder Head ●				
18	24 318 71-S	1	No. 2 Cylinder Head ASM ●				

● Obtain parts from www.kohlerplus.com

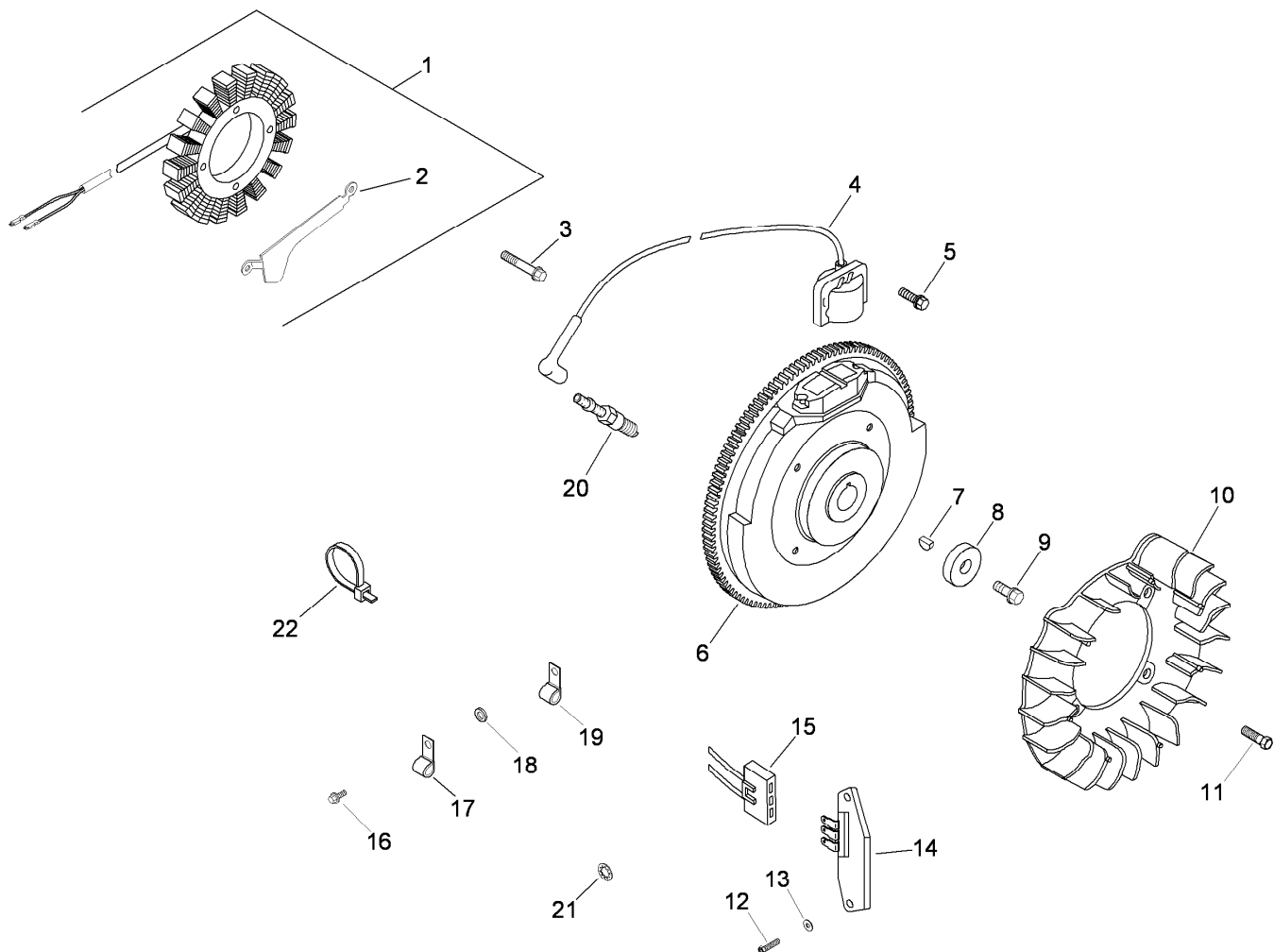


Head and Valve and Breather Assembly Kohler CH23S-76549 (continued)

Ref.	Part Number	Qty.	Description
35	M-645020-S	4	Screw-HHFTF (M6X1.0X20) ●

Ref.	Part Number	Qty.	Description
36	25 237 08-S	2	Clamp-Hose ●
37	24 326 31-S	1	Hose-Breather ●

● Obtain parts from www.kohlerplus.com



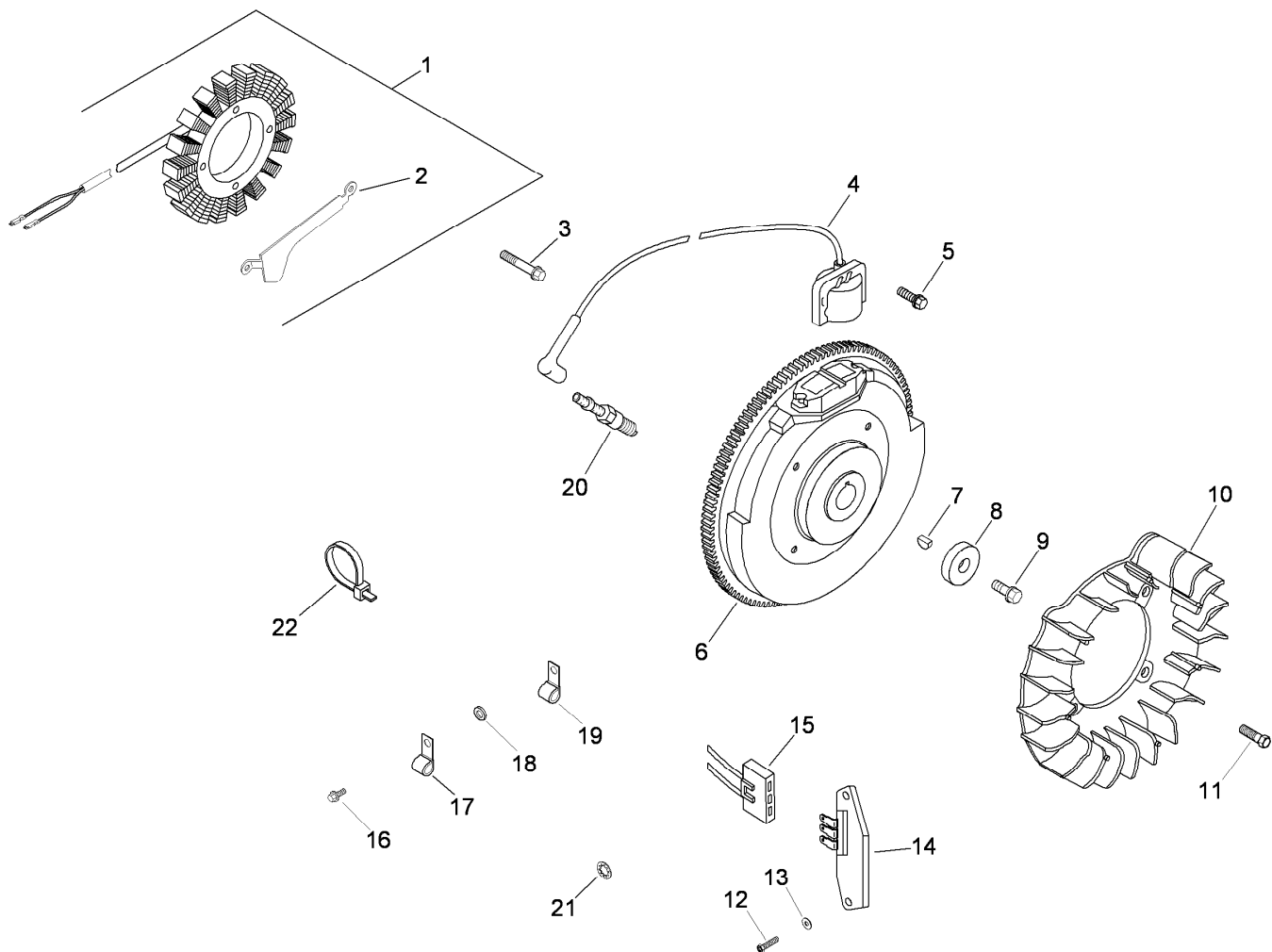
Ignition and Electrical Assembly Kohler CH23S-76549

Ref.	Part Number	Qty.	Description
1	54 755 09-S	1	15 Amp Stator Kit (Includes Ref 2) ■
2	24 126 71-S	1	Bracket-Wire, Stator ■
3	M-548025-S	2	Screw-Thread Forming (M5X0.8X25) ■
4	24 584 01-S	2	Module-Ignition ■
5	M-545020-S	4	Screw-Flange, Thread Forming (M5X.8X20) ■
6	24 025 01-S	1	Flywheel ■
7	X-42-15-S	1	Key (3/16 X 5/8) ■
8	12 468 03-S	1	Washer-Flat (13/32) ■
9	12 086 14-S	1	Screw-Flange (M10X1.5X45) ■
10	24 157 07-S	1	Fan ■
11	25 086 47-S	4	Bolt-Shoulder (M6X1.0X16) ■

Ref.	Part Number	Qty.	Description
12	24 086 18-S	2	Screw-Phl HD (11-16X.88) ■
13	X-25-92-S	2	Washer-Flat (.188) ■
14	25 403 03-S	1	Rectifier-Regulator, 15 Amp ■
15	236602-S	1	Connector (3 Contact) ■
16	25 086 91-S	2	Screw-Wsh HD Tap (8-18X.50) ■
17	235173-S	1	Clip-Cable (B+ Lead) ■
18	X-25-63-S	1	Washer-Flat (1/4) ■
19	48 154 02-S	1	Clip-Cable (Clamps Wires To Intake Manifold) ■
20	12 132 06-S	2	Spark Plug ■
21	X-22-11-S	1	Washer-Lock, Internal Tooth (1/4) ■
22	25 454 03-S	2	Tie-Wire ■

● Not illustrated

■ Obtain parts from www.kohlerplus.com

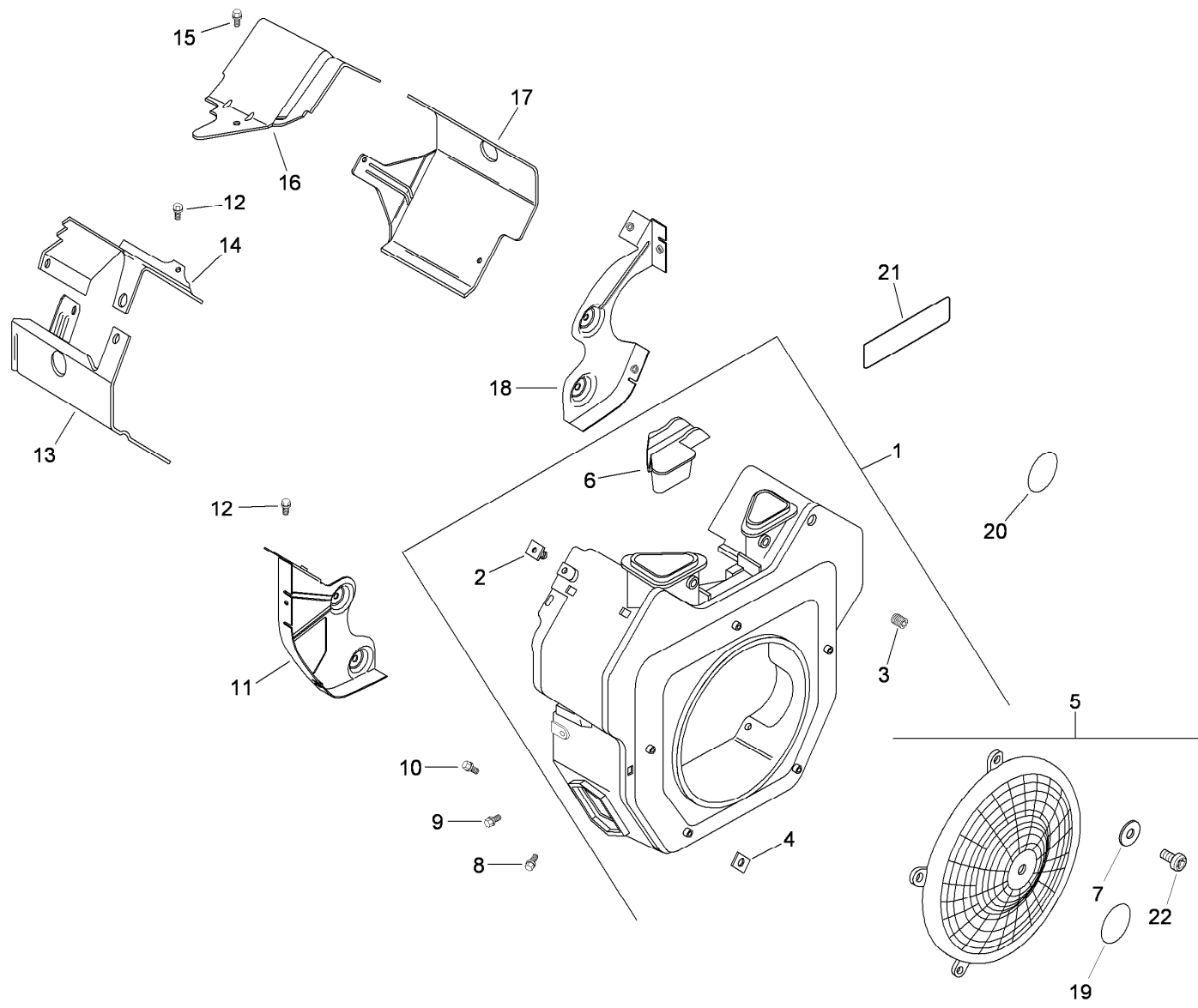


Ignition and Electrical Assembly Kohler CH23S-76549 (continued)

Ref.	Part Number	Qty.	Description
24 176 08-S	1	1	Harness-Wiring ■●
24 518 12-S	1	1	Lead-Black (5-12 Insulated Grip Barrel Eyelet Terminals) ■●

● Not illustrated

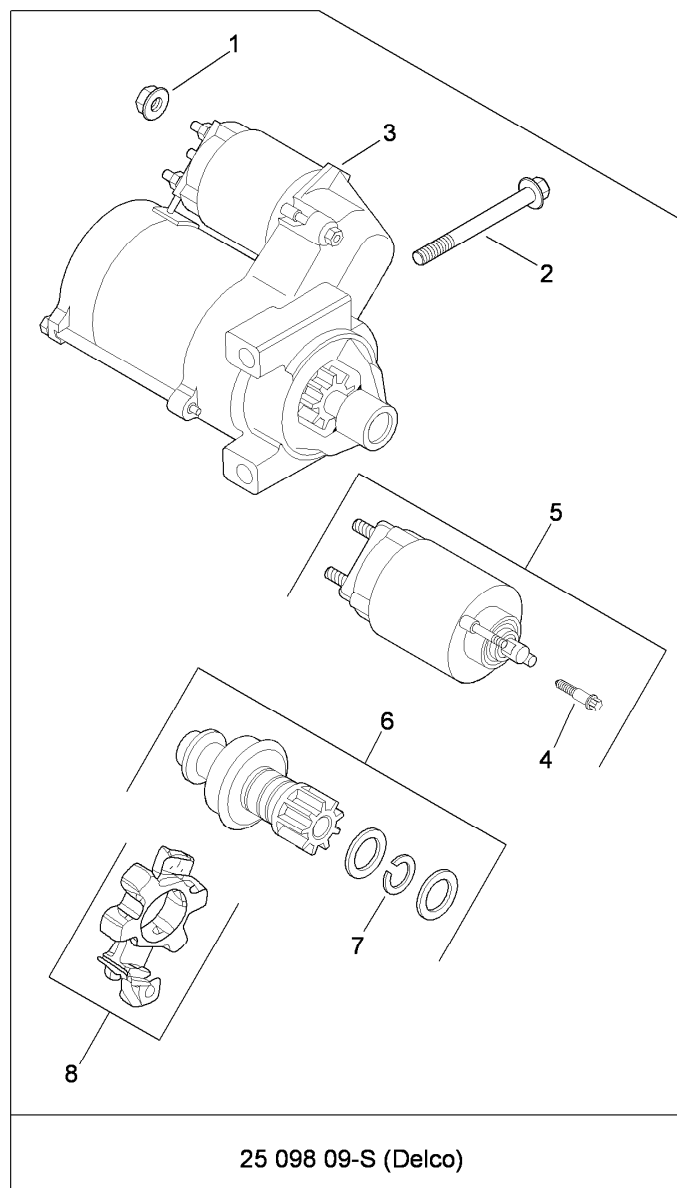
■ Obtain parts from www.kohlerplus.com



Blower Housing Assembly Kohler CH23S-76549

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	24 027 196-S	1	Blower Housing ASM (Includes Ref 2-4, 6) ●	12	M-645016-S	10	Screw-Flange, Thread Forming (M6X1.0X16) ●
2	24 100 02-S	2	Nut-Plastic ●	13	24 063 20-S	1	Baffle-Barrel, Cylinder (No. 2 Side) ●
3	25 086 43-S	1	Screw-Set (10-24X.25) ●	14	24 063 17-S	1	Baffle-Valley (No. 2 Side) ●
4	24 100 01-S	3	Nut-Plastic ●	15	M-545010-S	2	Screw-HHFTF (M5X.80X10) ●
5	24 755 81-S	1	Fixed Guard Kit (Includes Ref 7, 19, 22) ●	16	24 063 59-S	1	Baffle-Valley (No. 1 Side) ●
6	24 096 85-S	1	Cover-Housing, Blower ●	17	24 063 58-S	1	Baffle-Barrel, Cylinder (No. 1 Side) ●
7	24 332 01-S	5	Insert-Threaded ●	18	24 146 20-S	1	Plate-Backing (No. 1 Side) ●
8	M-551016-S	1	Screw-Hex Flange, Heavy (M5X0.8X16) ●	19	24 113 18-S	1	Decal-Screen, Grass ●
9	M-545016-S	3	Screw-Flange, Thread Forming (M5X0.8X16) ●	20	25 113 24-S	1	Decal-Screen, Grass ●
10	M-545020-S	4	Screw-Flange, Thread Forming (M5X.8X20) ●	21	24 113 96-S	1	Decal-22HP ●
11	24 146 16-S	1	Plate-Backing (No. 2 Side) ●	22	25 086 160-S	5	Screw-Sems ●

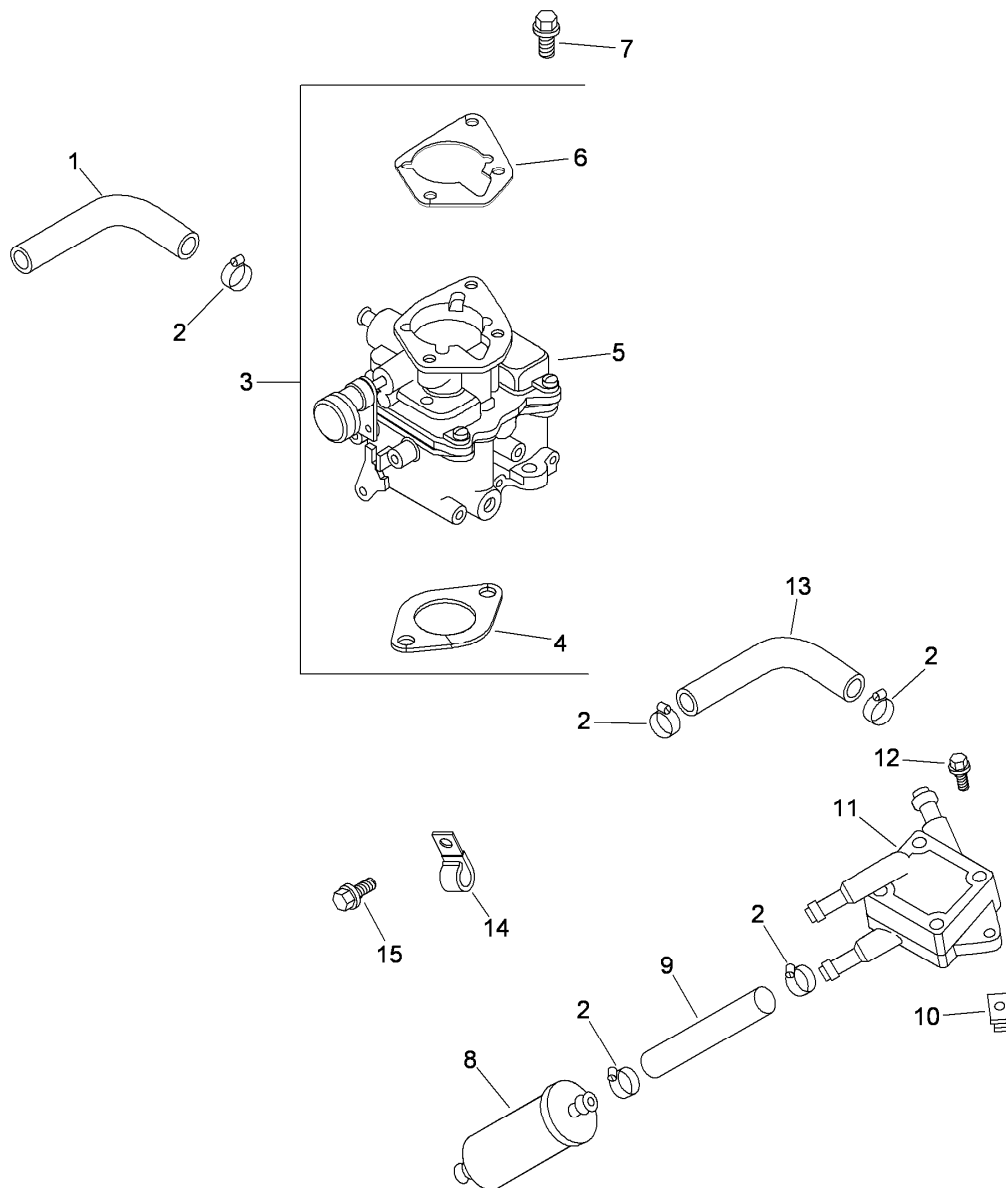
● Obtain parts from www.kohlerplus.com



Starter Assembly Kohler CH23S-76549

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	M-841080-S	1	Nut-Flange (M8X1.25) ●
2	M-839080-S	2	Screw-Flg (M8X1.25X80) ●
3	25 098 09-S	1	Starter ASM (Solenoid Shift) (Includes Ref 4-8) ●
4	25 086 113	3	Screw-External Torx Head ●
5	25 435 05-S	1	Solenoid Kit (Includes Ref 4) ●
6	25 755 33-S	1	Pinion Drive Kit (Includes Ref 7) ●
7	25 141 05-S	1	Ring-Retaining ●
8	25 221 01-S	1	Brush Holder Kit ●

● Obtain parts from www.kohlerplus.com



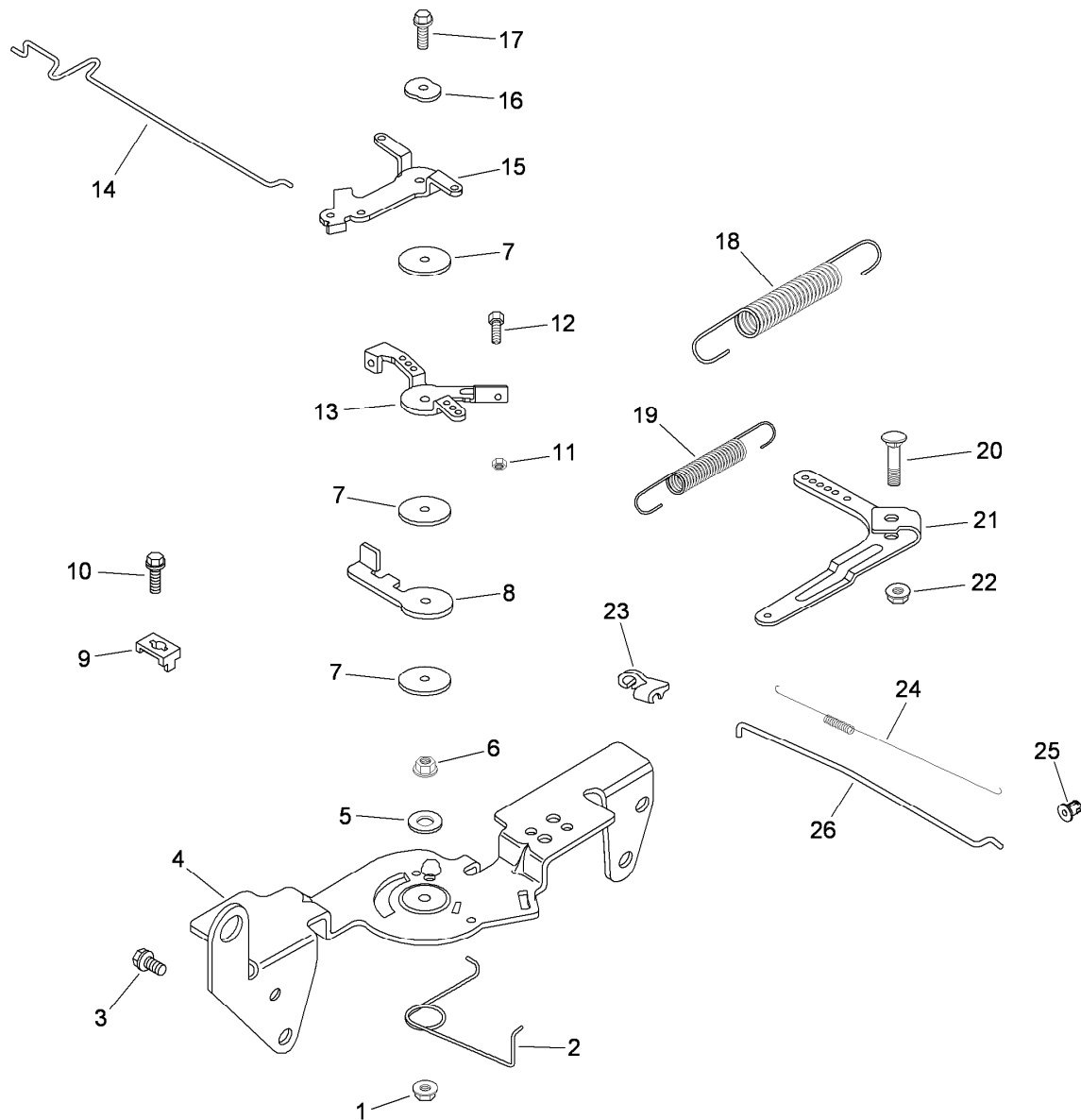
Fuel System Assembly Kohler CH23S-76549

Ref.	Part Number	Qty.	Description
1	25 353 32-S	1	Line-Fuel (9.5) ■
2	25 237 14-S	6	Clamp-Hose, Spring (1/2) ■
3	24 853 59-S	1	Carburetor Kit (Includes Ref 4-6) ■
4	24 041 17-S	1	Gasket-Carburetor ■
5	24 053 59	1	Carburetor ASM ■
6	24 041 06-S	1	Gasket-Base, Air Cleaner ■
7	M-651030-S	2	Screw-Flange (M6X1.0X30) ■
8	24 050 02-S	1	Filter-Fuel ■
9	25 353 15-S	1	Line-Fuel (3.5) ■
10	24 100 01-S	2	Nut-Plastic ■

Ref.	Part Number	Qty.	Description
11	24 393 16-S	1	Pump-Fuel ■
12	24 086 12-S	2	Screw-TAP (M6X1.7X18) ■
13	24 353 02-S	1	Line-Fuel, Flexible (15.5) ■
14	M-650012-S	1	Screw-HF (M6X1.0X12) ■
15	47 154 01-S	1	Clip-Cable ■
	24 757 01-S	1	Solenoid Repair Kit ■●
	24 757 02-S	1	Float Repair Kit ■●
	24 757 03-S	1	Carburetor Repair Kit ■●
	24 757 07-S	1	Choke Repair Kit ■●
	24 757 125-S	1	High Altitude Kit With Gaskets ■●

● Not illustrated

■ Obtain parts from www.kohlerplus.com

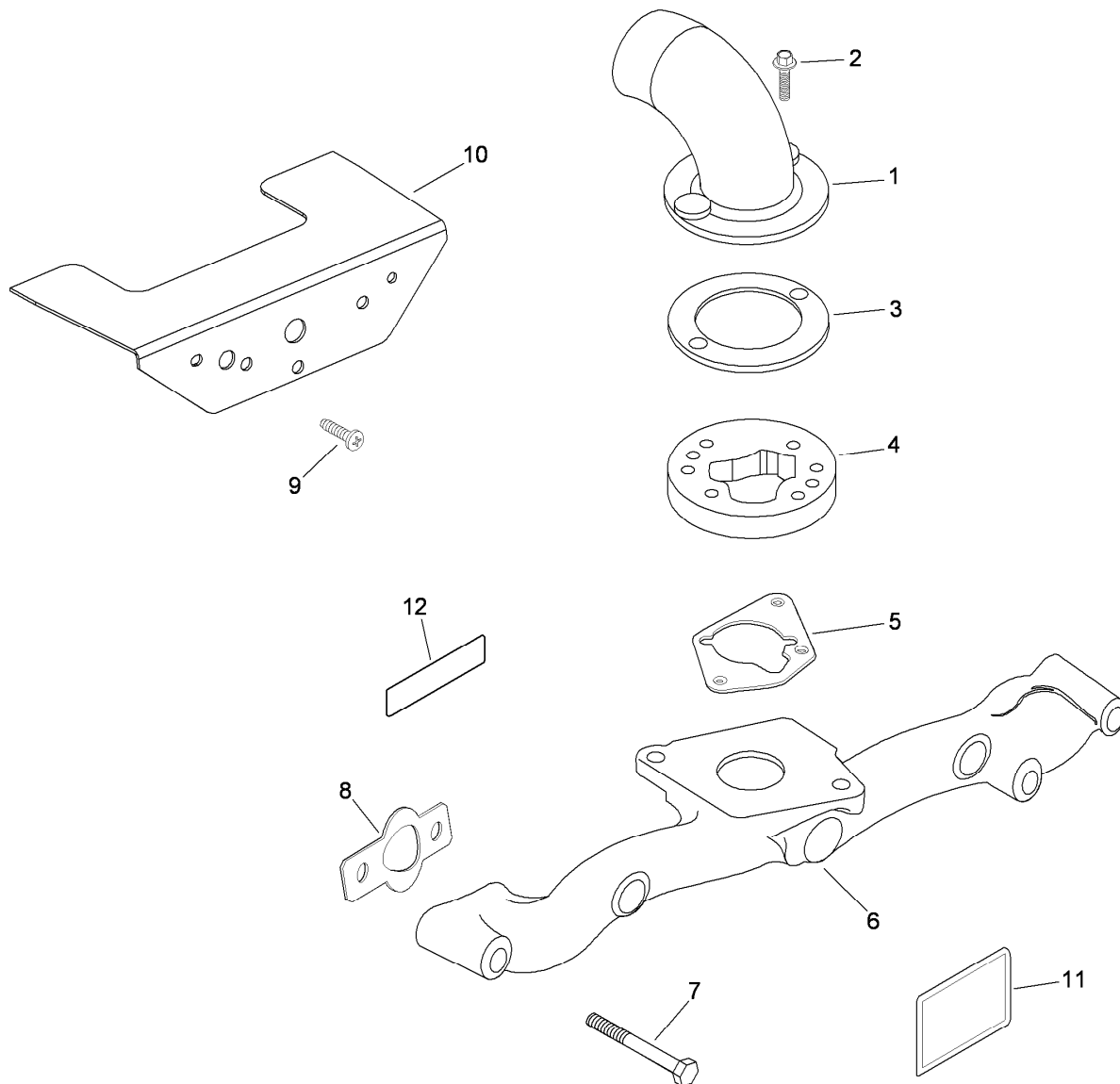


Engine Control Assembly Kohler CH23S-76549

Ref.	Part Number	Qty.	Description
1	M-547050-S	1	Nut-Lock (M5X.8) ●
2	24 089 03-S	1	Spring-Return, Choke ●
3	M-645016-S	4	Screw-Flange, Thread Forming (M6X1.0X16) ●
4	24 126 56-S	1	Bracket-Control ●
5	X-20-1-S	1	Washer-Lock (.25) ●
6	M-541050-S	1	Nut-HF (M5X0.8) ●
7	24 468 01-S	3	Washer-Flat (5.5MM) ●
8	24 090 07-S	1	Lever-Actuator, Throttle ●
9	12 237 01-S	2	Clamp-Cable ●
10	M-545016-S	3	Screw-Flange, Thread Forming (M5X0.8X16) ●
11	M-446030-S	1	Nut (M4X0.7) ●
12	M-401030-S	1	Screw (M4X0.7X30) ●
13	24 090 03-S	1	Lever-Control, Throttle ●
14	24 079 21-S	1	Linkage-Choke ●

Ref.	Part Number	Qty.	Description
15	24 090 05-S	1	Lever-Choke ●
16	41 468 03-S	1	Washer-Spring (1/4) ●
17	M-545020-S	1	Screw-Flange, Thread Forming (M5X.8X20) ●
18	24 089 51-S	1	Spring-Limiter, Throttle ●
19	24 089 46-S	1	Spring-Governor ●
20	24 211 03-S	1	Bolt-Sq Neck, Rd HD (M6X1.0X25) ●
21	24 090 33-S	1	Lever-Governor ●
22	M-641060-S	1	Nut-Flange (M6X1.0) ●
23	25 158 11-S	1	Bushing-Retaining, Linkage ●
24	24 089 01-S	1	Spring-Linkage ●
25	25 158 08-S	1	Bushing-Linkage, Throttle ●
26	24 079 01-S	1	Linkage-Throttle ●

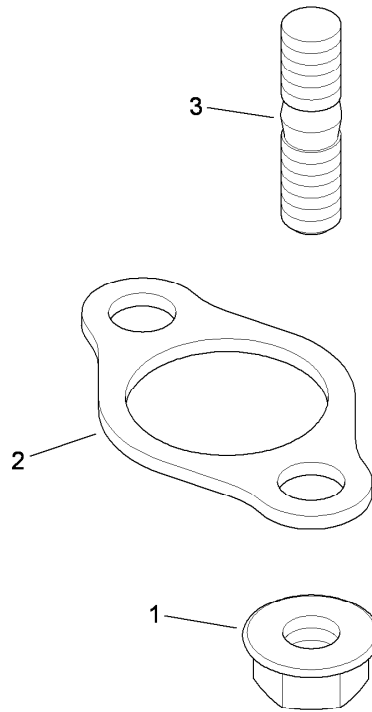
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Air Intake and Filtration Assembly Kohler CH23S-76549

Ref.	Part Number	Qty.	Description
1	24 029 21-S	1	Adapter-Cleaner, Air ●
2	M-639016-S	6	Screw-HF (M6X1.0X16) ●
3	24 041 34-S	1	Gasket-Adapter ●
4	24 029 31-S	1	Adapter ●
5	24 041 06-S	1	Gasket-Base, Air Cleaner ●
6	24 164 14-S	1	Manifold-Intake ●
7	25 086 84-S	4	Screw-HF (M6X1.0X55) ●
8	24 041 01-S	2	Gasket-Manifold, Intake ●
9	24 086 06-S	2	Screw-PPH (11-16X3/4) ●
10	24 314 25-S	1	Shield-Debris ●
11	25 113 27-S	1	Decal-Cleaner, Air ●
12	24 146 25-S	1	Decal-22HP ●

● Obtain parts from www.kohlerplus.com



Exhaust Assembly Kohler CH23S-76549

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	M-841080-S	4	Nut-Flange (M8X1.25) ■
2	24 041 49-S	2	Gasket-Exhaust ■
3	25 072 04-S	4	Stud (M8X1.25X33) ■

● Not illustrated

■ Obtain parts from www.kohlerplus.com

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Count on it.