Form No. 3359-247 Rev C

TORO®

Count on it.

Parts Catalog

Dingo® 220 Compact Utility Loader

Model No. 22317—Serial No. 280000001 and Up

Ordering Replacement Parts

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

Understanding Reference Numbers

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

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

Service Assembly Reference Numbers

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

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

Reference Numbers Indicating Quantity

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

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

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

HSBH: hex socket button head

HSFH: hex socket flat head

HSH: hex socket head

HWH: hex washer head

HWHTF: hex washer head thread forming

HYD: hydraulic

LH: left hand

LP: Liquid Propane

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

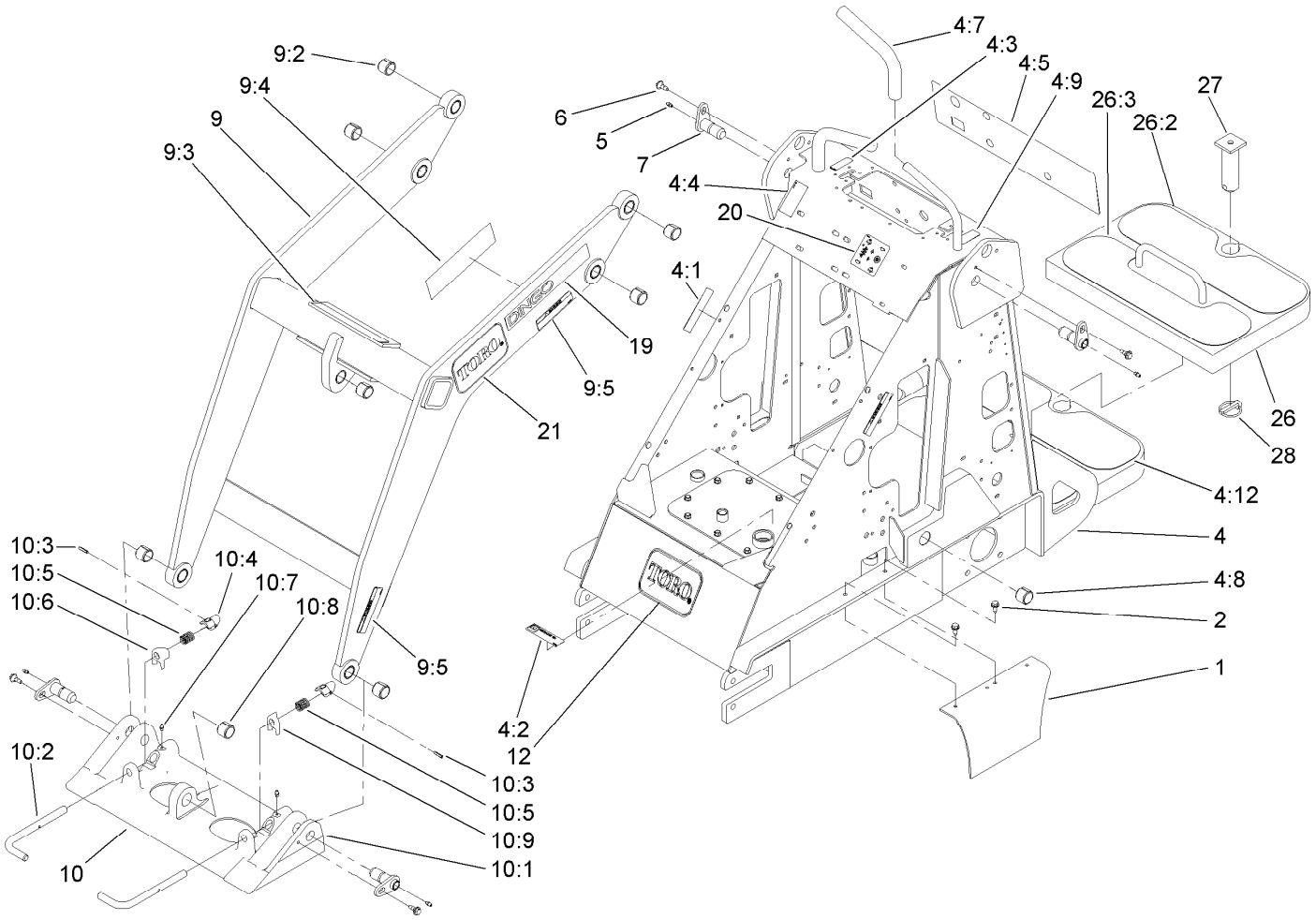
TTH: torx truss head

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8111 Lyndale Avenue South
Bloomington, MN 55420

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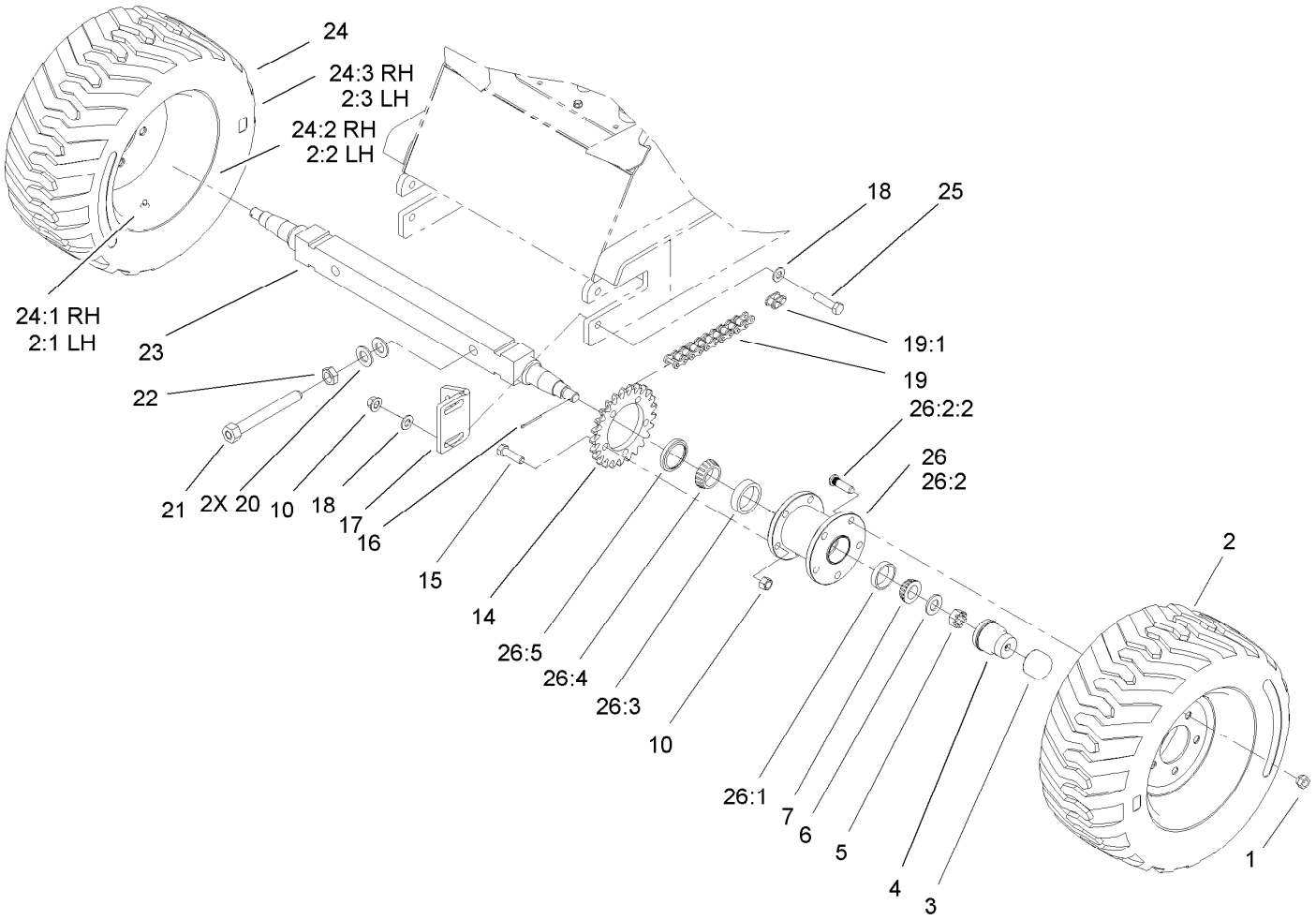
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Frame and Loader Arm Assembly

Ref.	Part Number	Qty.	Description
1	98-4669-01	2	Cover-Chain
2	32144-70	4	Screw-HWHTF
4	108-9700	1	Frame ASM
4:1	100-6141	2	Decal-Pinch
4:2	105-8432	1	Decal-Oil, HYD
4:3	94-2551	1	Decal-Choke
4:4	98-4677	1	Decal-Power, Auxiliary
4:5	108-9732	1	Decal-Panel, Control
4:7	98-4845	2	Grip-Cushion
4:8	98-4871	2	Bushing-Tension
4:9	98-8219	1	Decal-Throttle
4:12	98-9947	2	Tread-Foot
5	302-5	4	Fitting-Grease
6	99-5105	4	Bolt-Shoulder
7	112-2609	4	Pivot Pin ASM
9	106-8155	1	Loader ASM
9:2	98-4871	7	Bushing-Tension
9:3	98-4682	1	Decal-Caution
9:4	98-9051	1	Decal-Danger
9:5	100-6141	4	Decal-Pinch

Ref.	Part Number	Qty.	Description
10	105-8364	1	Quick Attach ASM
10:1	105-0245-03	1	Mount-Attach, Quick
10:2	105-8367	2	Pin-Locking
10:3	3285-1	2	Pin-Grooved
10:4	105-0246	2	Cam
10:5	98-4694	2	Spring-Compression
10:6	104-5909	1	Stop-RH
10:7	302-5	2	Fitting-Grease
10:8	98-4871	1	Bushing-Tension
10:9	104-5903	1	Stop-LH
12	62-5550	1	Decal
19	105-8426	2	Decal
20	108-9716	1	Decal-Selector, Speed
21	93-7340	2	Decal
26	112-4947	1	Counterweight ASM
26:2	98-9947	1	Tread-Foot
26:3	112-4948	1	Tread
27	99-8638	1	Pin ASM
28	99-9978	1	Pin-Lynch

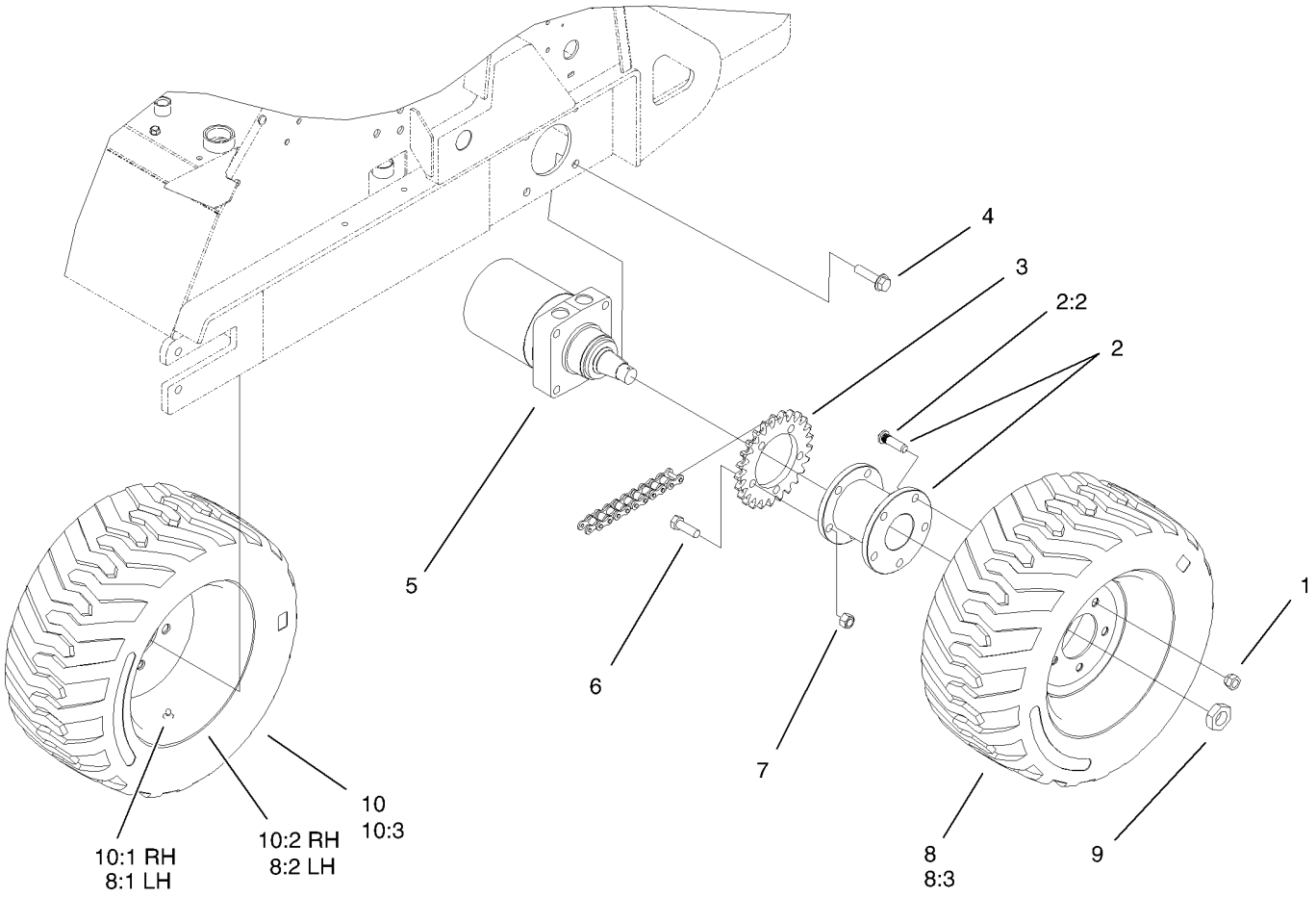


Front Wheel Assembly

Ref.	Part Number	Qty.	Description
1	242-50	10	Nut-Lug
2	98-2747	1	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	100-3809	2	Cap-Protector, Bearing
4	100-3769	2	Protector-Bearing
5	32136-5	2	Nut-Hex, Slotted
6	3256-28	2	Washer-Flat
7	254-94	2	Bearing-Cone, Tapered
10	3296-23	14	Nut-Lock, NI
14	98-9937	2	Sprocket-25T
15	325-7	10	Screw-HH
16	3272-12	2	Pin-Cotter
17	99-5106-03	2	Bracket-Axle
18	3256-26	8	Washer-Flat
19	98-4906	2	Chain-Roller

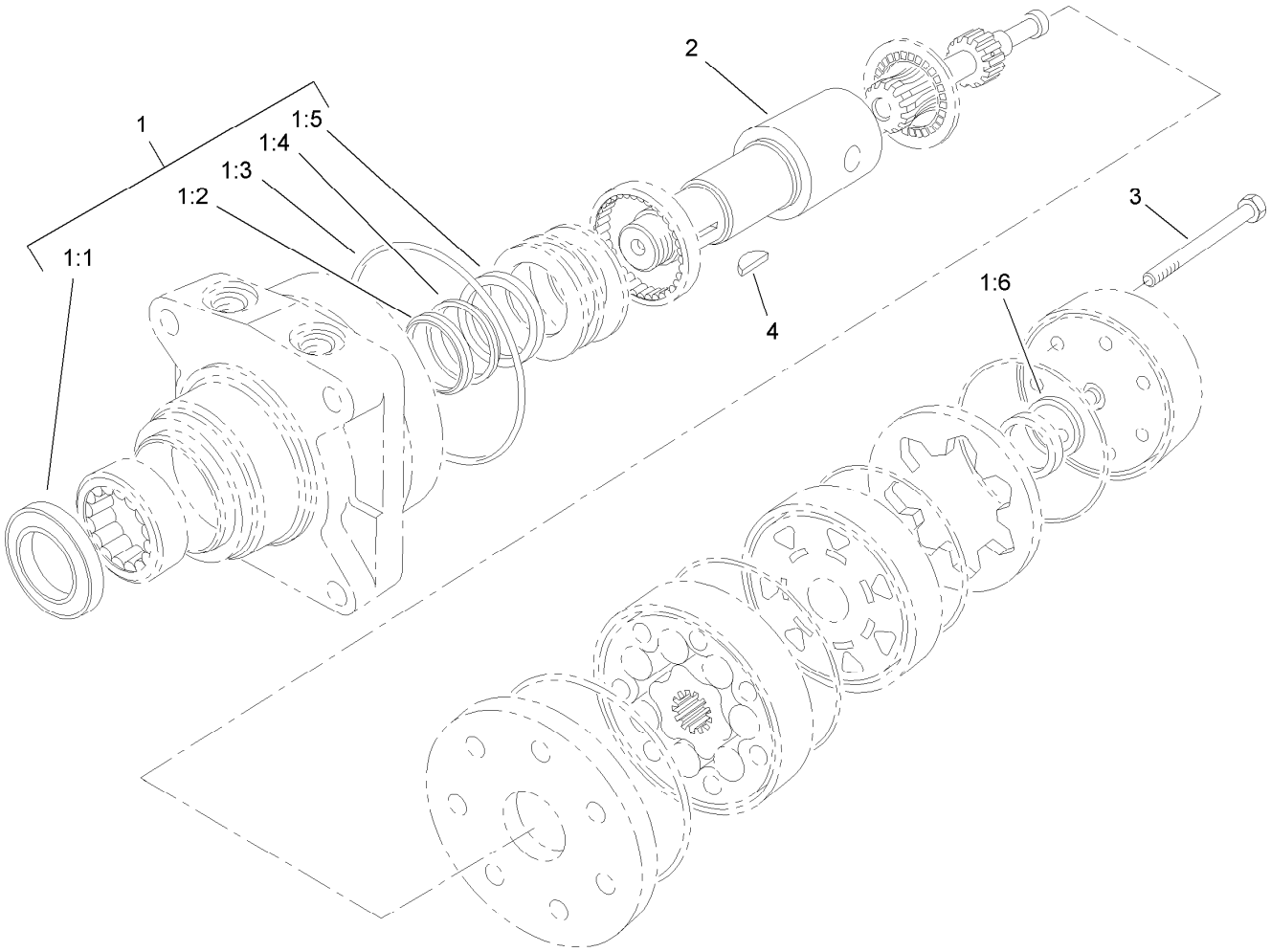
Ref.	Part Number	Qty.	Description
19:1	98-9089	1	Link-Connecting
20	3256-28	4	Washer-Flat
21	98-4706	2	Bolt-Tension
22	3217-12	2	Nut-Hex
23	98-4825	1	Axle
24	99-1447	1	RH Wheel And Tire ASM
24:1	232-27	1	Stem-Valve
24:2	98-2748	1	Wheel
24:3	98-2749	1	Tire
25	325-8	4	Screw-HH
26		2	Hub-Front ●
26:1	254-72	1	Bearing-Cup, Tapered
26:2	100-9989	1	Front Hub ASM
26:2:2	10-6830	5	Stud-Type, Drive
26:3	254-107	1	Cup-Bearing, Tapered
26:4	254-106	1	Cone-Bearing, Tapered
26:5	98-4705	1	Seal-Bearing, Wheel

● Not serviced separately



Rear Wheel Assembly

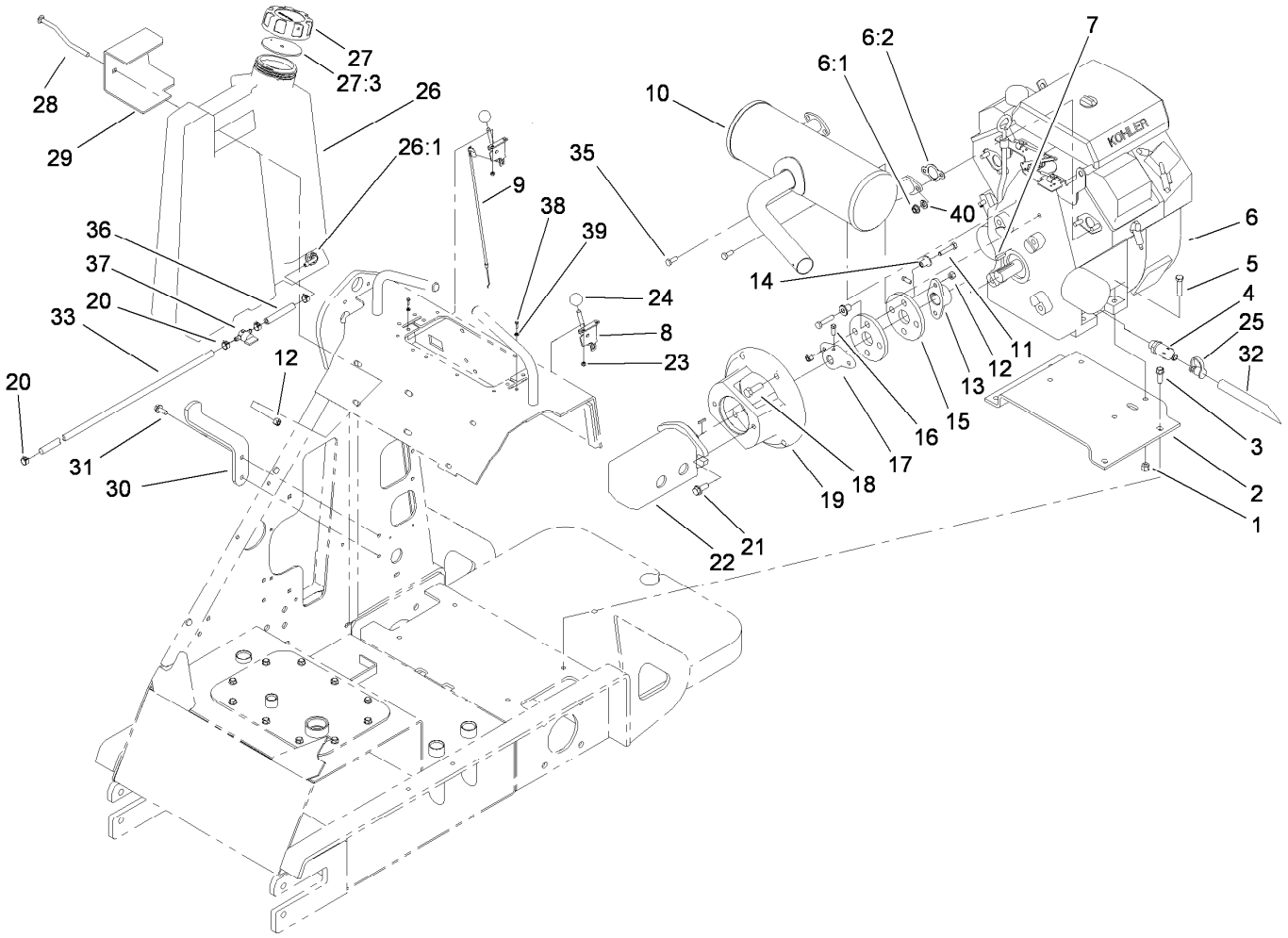
Ref.	*Part Number*	*Qty.*	*Description*
1	242-50	10	Nut-Lug
2	100-9990	2	Rear Hub ASM
2:2	10-6830	5	Stud-Type, Drive
3	98-9937	2	Sprocket-25T
4	3234-27	8	Screw-HHF
5	99-3052	2	HYD Motor ASM
6	325-7	10	Screw-HH
7	3296-23	10	Nut-Lock, NI
8	98-2747	1	LH Wheel And Tire ASM
8:1	232-27	1	Stem-Valve
8:2	98-2748	1	Wheel
8:3	98-2749	1	Tire
9	106-8159	2	Nut-Lock
10	99-1447	1	RH Wheel And Tire ASM
10:1	232-27	1	Stem-Valve
10:2	98-2748	1	Wheel
10:3	98-2749	1	Tire



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	Backup-Ring ●
1:3		1	Seal-Shaft ●
1:4		1	Washer-Backup ●
1:5		5	Seal-Square, Ring (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

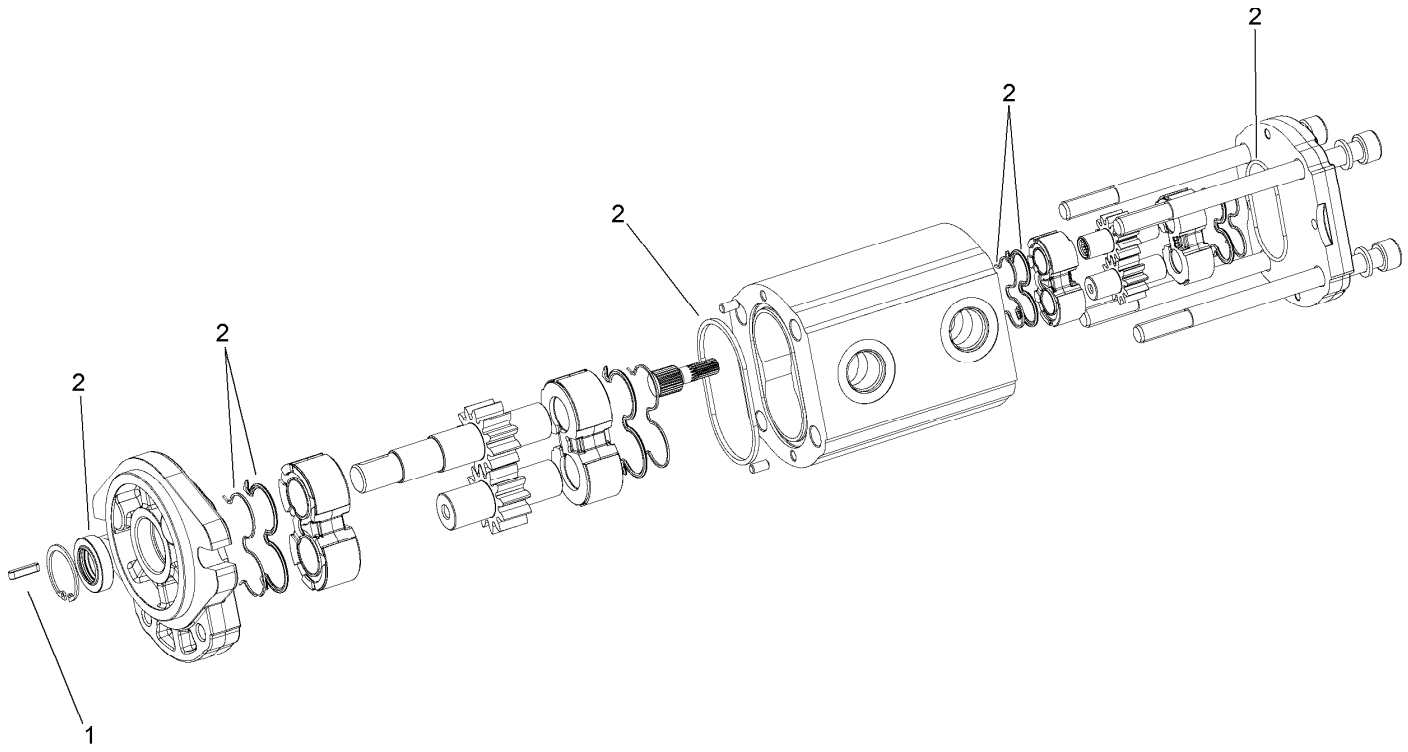
● Not serviced separately



Engine Assembly

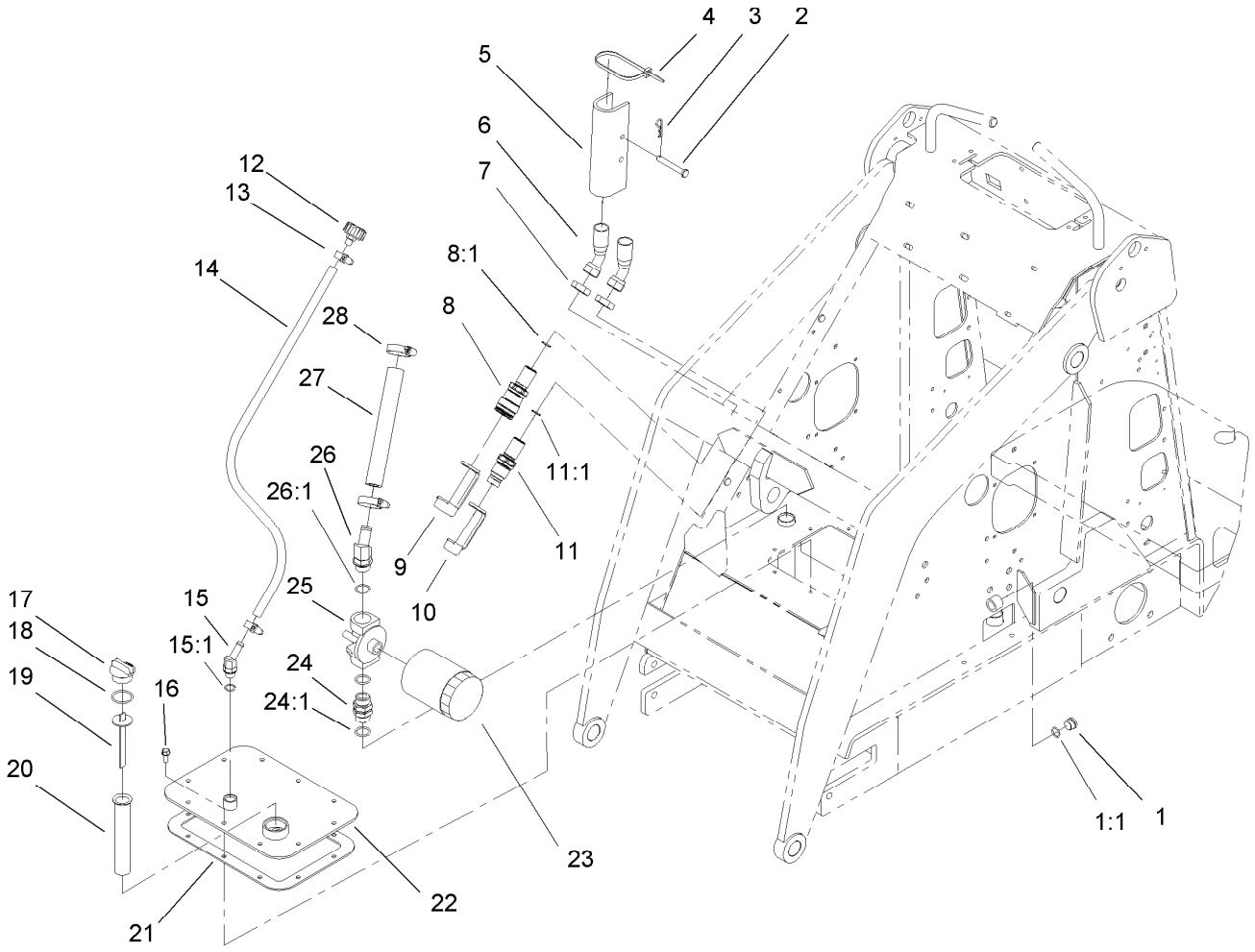
Ref.	Part Number	Qty.	Description
1	3296-39	4	Nut-Lock, NI
2	98-4666-03	1	Mount-Engine
3	95-1726	4	Screw-Taptite
4	92-6877	1	Valve-Drain, Oil
5	323-9	4	Screw-HH
6	108-4740	1	Engine-Kohler, Ch20S 64763
6:1	92-6780	4	Nut-HF
6:2	93-0350	2	Gasket-Exhaust
7	10-7070	1	Key-Square
8	108-9730	2	Control Lever ASM
9	108-4718	2	Cable-Control
10	105-8381	1	Muffler
11	322-7	4	Screw-HH
12	3296-29	5	Nut-Lock, NI
13	110-5236	1	Hub-Engine
14	71-4411	4	Spacer
15	44-2230	2	Coupling-Rubber
16	3241-6	4	Screw-SQH
17	98-4701	1	Hub-Pump
18	324-6	4	Screw-HH
19	98-2751-03	1	Mount-Pump

Ref.	Part Number	Qty.	Description
20	2412-98	4	Clamp
21	66-9300	2	Screw-HF
22	108-4710	1	HYD Pump ASM
23	32149-7	4	Nut-Keps
24	233-42	2	Knob
25	354-79	1	Cap-Dust
26	105-8440	1	RH Fuel Tank ASM
26:1	103-2605	1	Fitting-Fuel, Bulkhead
27	104-7418	1	Cap-Fuel, Gas
27:3	104-7420	1	Gasket-Vented
28	98-4657	1	Bolt-Mount
29	98-4655-03	1	Plate-Mount
30	98-4656-03	1	Mount-Bottom, Tank
31	32144-70	2	Screw-HWHTF
32	98-4667	1	Hose-Drain, Oil
33	109-0273	1	Hose-Fuel
35	33114-020	2	Screw-HH
36	109-0304	1	Hose-Fuel
37	1-603770	1	Valve-Fuel
38	3290-134	4	Screw
39	3256-51	4	Washer-Flat
40	3253-4	4	Washer-Lock



Hydraulic Motor Assembly No. 108-4710

Ref.	*Part Number*	*Qty.*	*Description*
1	98-4700	1	Key-Square
2	99-1353	1	Seal Kit

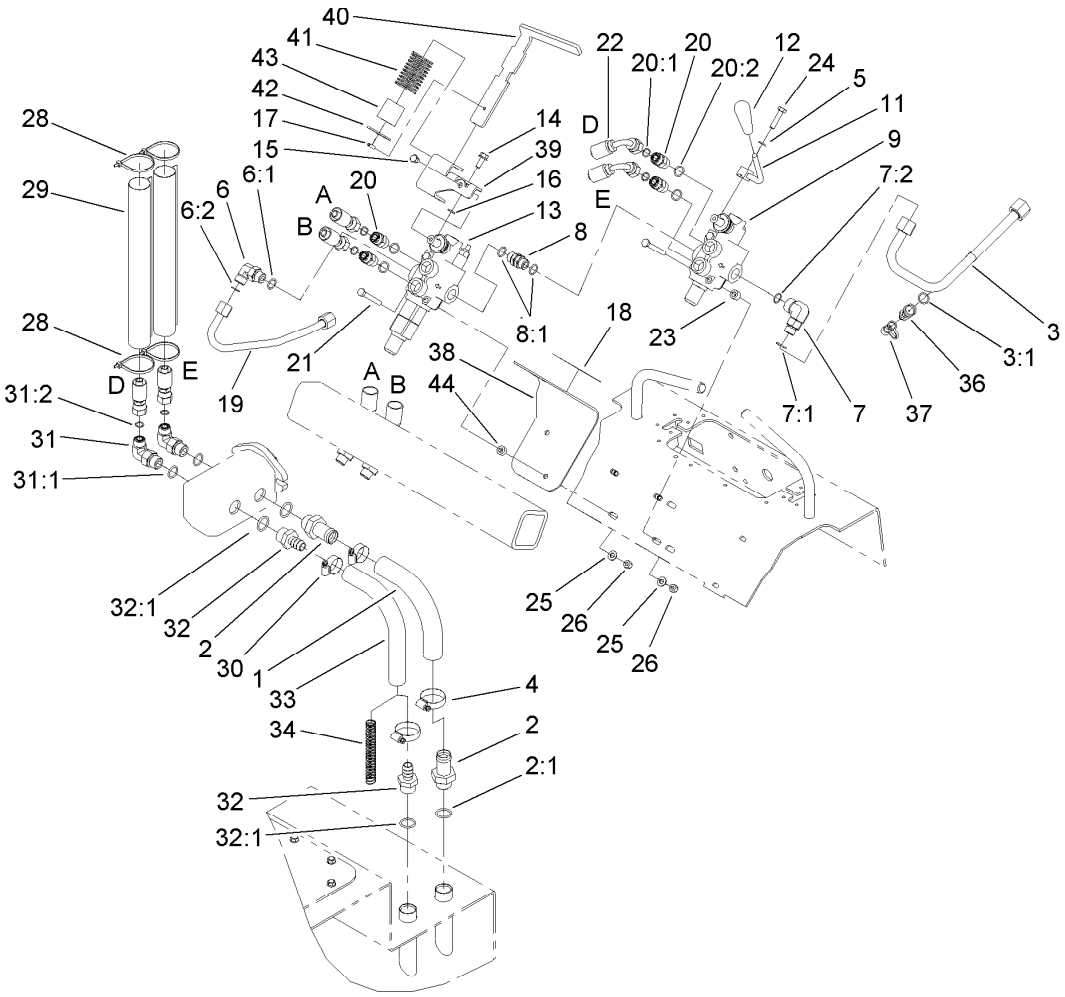


Hydraulic Assembly

Ref.	Part Number	Qty.	Description
1	353-988	1	Plug-Hex
1:1	237-79	1	O-Ring
2	283-52	2	Pin-Clevis
3	3290-467	2	Pin-Hair
4	3290-379	9	Tie-Cable
5	98-4675-01	2	Lock-Cylinder
6	100-8817	2	HYD Hose ASM
7	340-74	2	Nut-Lock, Bulkhead
8	105-8394	1	Bulkhead Coupler ASM
8:1	237-65	1	O-Ring
9	100-8816	1	Cap-Dust, Coupler
10	100-8815	1	Cap-Dust, Nipple
11	105-8395	1	Bulkhead Nipple ASM
11:1	237-65	1	O-Ring
11:2	100-6120	1	Seal Kit ●
12	68-6150	1	Breather
13	2412-36	2	Clamp-Hose
14	98-2708	1	Hose-Vent

Ref.	Part Number	Qty.	Description
15	354-126	1	Fitting-HYD, 45 DEG
15:1	237-79	1	O-Ring
16	98-9940	10	Screw
17	93-7498	1	Plug-Plastic
18	237-123	1	O-Ring
19	100-2097	1	Dipstick-Oil
20	61-2790	1	Filter-Screen
21	98-9927	1	Gasket-Cover
22	98-2709	1	Cover
23	54-0110	1	Filter-Oil, Transmission
24	98-9906	1	Fitting-Thread, Straight
24:1	237-81	2	O-Ring
25	92-5821	1	Filter Head ASM
26	354-127	1	Elbow-45 DEG
26:1	237-81	1	O-Ring
27	98-2713	1	Hose-Suction, HYD
28	2412-129	2	Clamp-Hose

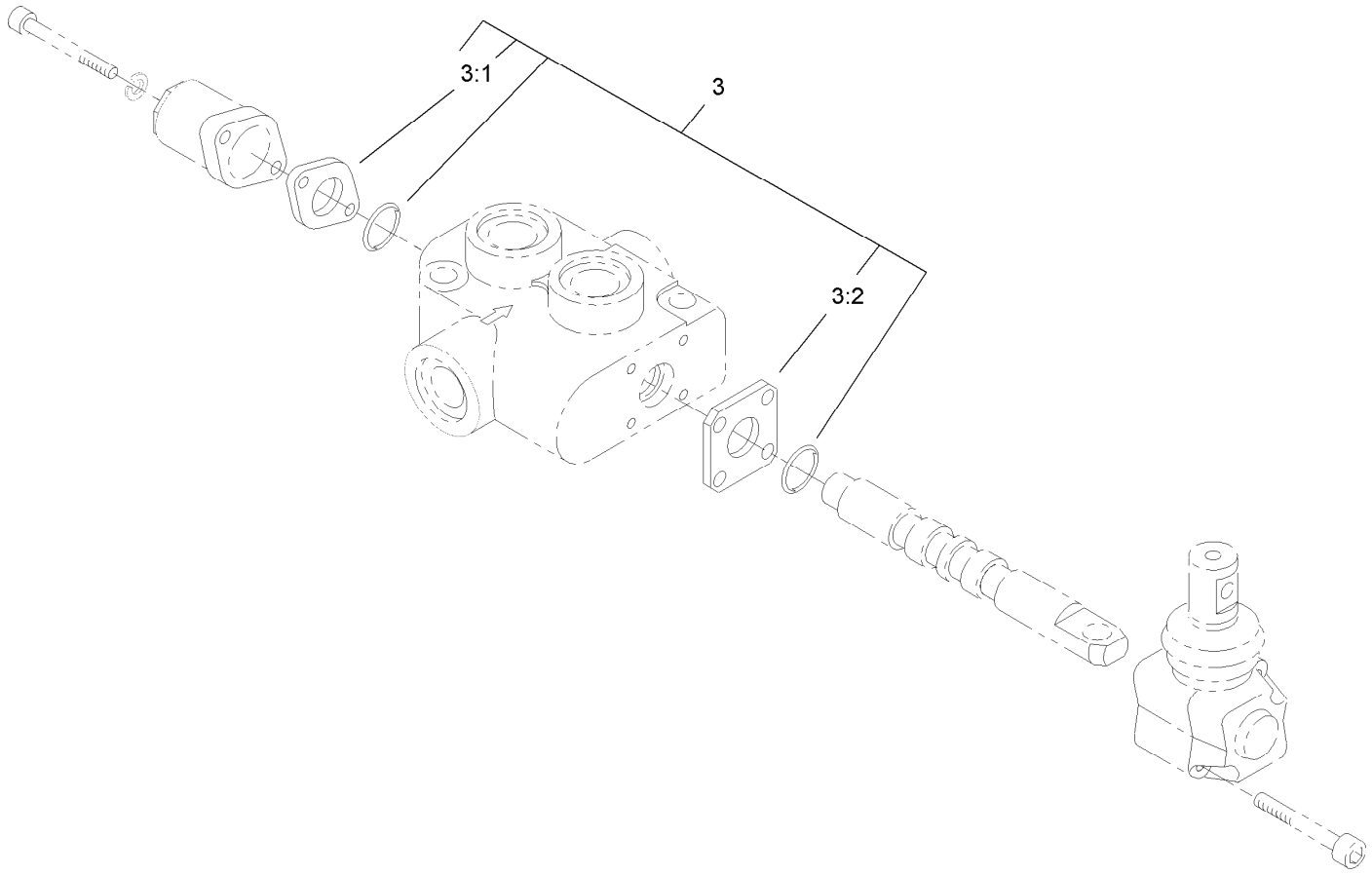
● Not illustrated



Hydraulic Valve Assembly

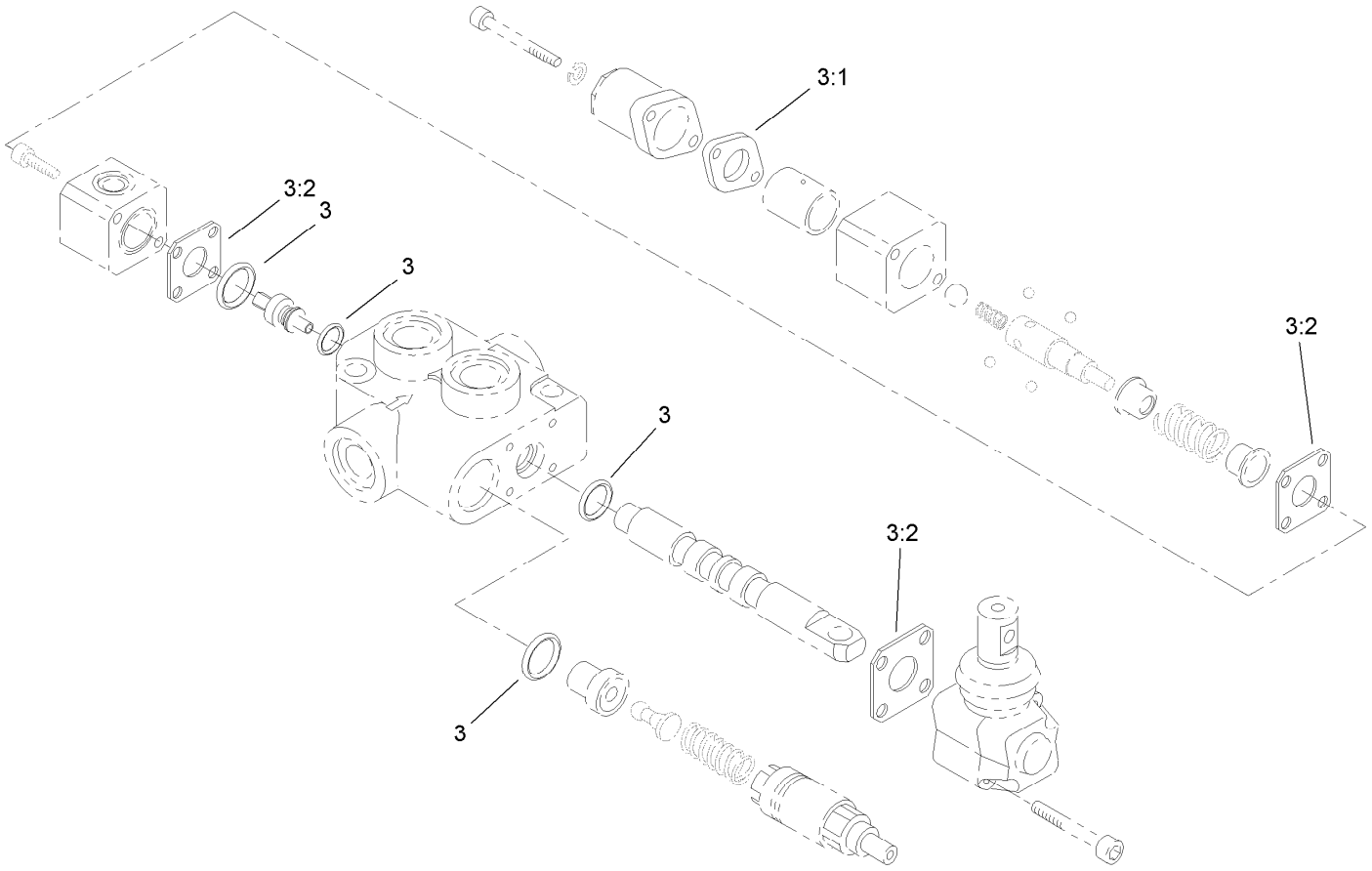
Ref.	Part Number	Qty.	Description
1	99-3046	1	Hose-Suction, Formed
2	99-3017	2	Fitting
2:1	237-81	1	O-Ring
3	108-4716	1	HYD Tube ASM
3:1	237-22	1	O-Ring
4	2412-111	2	Clamp
5	3253-4	1	Washer-Lock
6	340-98	1	Fitting-HYD, 90 DEG
6:1	237-79	1	O-Ring
6:2	237-30	1	O-Ring
7	340-153	1	Fitting-Elbow, 90 DEG
7:1	237-79	1	O-Ring
7:2	237-151	1	O-Ring
8	95-3209	1	Fitting-Thread, Straight
8:1	237-79	2	O-Ring
9	99-3072	1	Valve-Selector
11	108-9709-03	1	Lever-Control
12	98-0152	1	Knob-Tapered
13	99-3077	1	Valve-HYD, Auxiliary
14	33104-020	1	Screw-HHF
15	33114-010	1	Screw-HH
16	3253-4	1	Washer-Lock
17	32121-3	1	Pin-Spring
18	108-4733	1	Decal-Auxiliary
19	105-7879	1	Tube-HYD
20	340-4	4	Fitting-HYD, Straight
20:1	237-30	1	O-Ring

Ref.	Part Number	Qty.	Description
20:2	237-79	1	O-Ring
21	322-12	4	Screw-HH
22	98-4747	2	HYD Hose ASM
23	98-4695	2	Spacer
24	33114-035	1	Screw-HH
25	3256-23	4	Washer-Flat
26	3296-29	4	Nut-Lock, NI
28	3290-379	4	Tie-Cable
29	108-9715	2	Sleeve-Thermal
30	2412-129	2	Clamp-Hose
31	340-105	2	Fitting-HYD, 90 DEG
31:1	237-80	1	O-Ring
31:2	237-30	1	O-Ring
32	354-73	2	Fitting-Straight
32:1	237-81	1	O-Ring
33	98-2713	1	Hose-Suction, HYD
34	99-5349	1	Spring-Compression
36	86-5480	1	Nipple-Test
37	354-79	1	Cap-Dust
38	110-0121-03	1	Bracket-Auxiliary
39	114-1263-03	1	Mount-Lever, Aux
40	110-0123	1	Handle-Lever, Auxiliary
41	110-0124	1	Spring
42	110-0125	1	Retainer-Spring, Auxiliary
43	110-0160	1	Tube-Spring
44	100-2085	2	Spacer



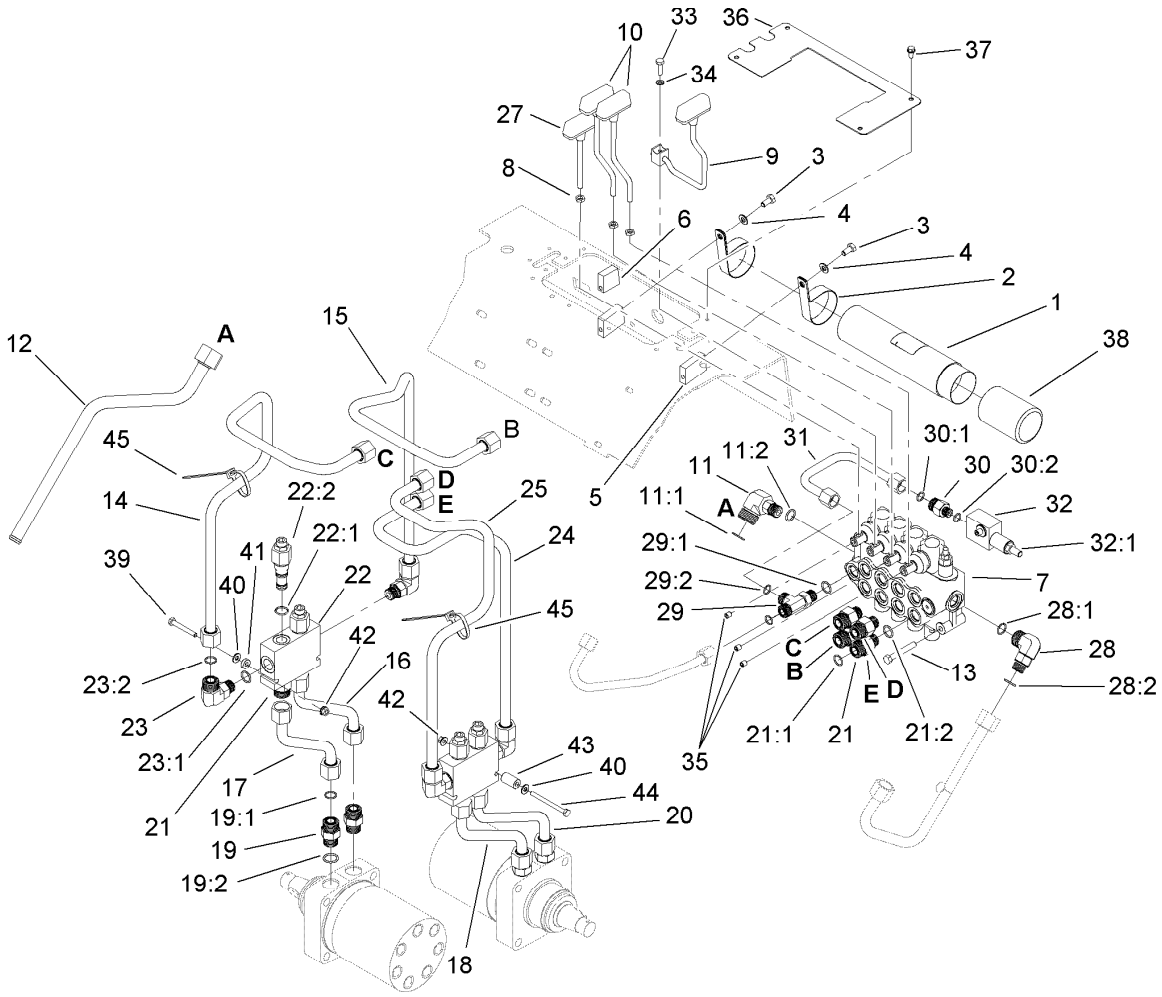
Hydraulic Selector Valve Assembly No. 99-3072

Ref.	*Part Number*	*Qty.*	*Description*
3	99-4391	1	Seal Kit
3:1	99-3074	1	Gasket
3:2	99-3075	3	Gasket



Auxiliary Hydraulic Valve Assembly No. 99-3077

Ref.	*Part Number*	*Qty.*	*Description*
3	99-4391	1	Seal Kit
3:1	99-3074	1	Gasket
3:2	99-3075	3	Gasket

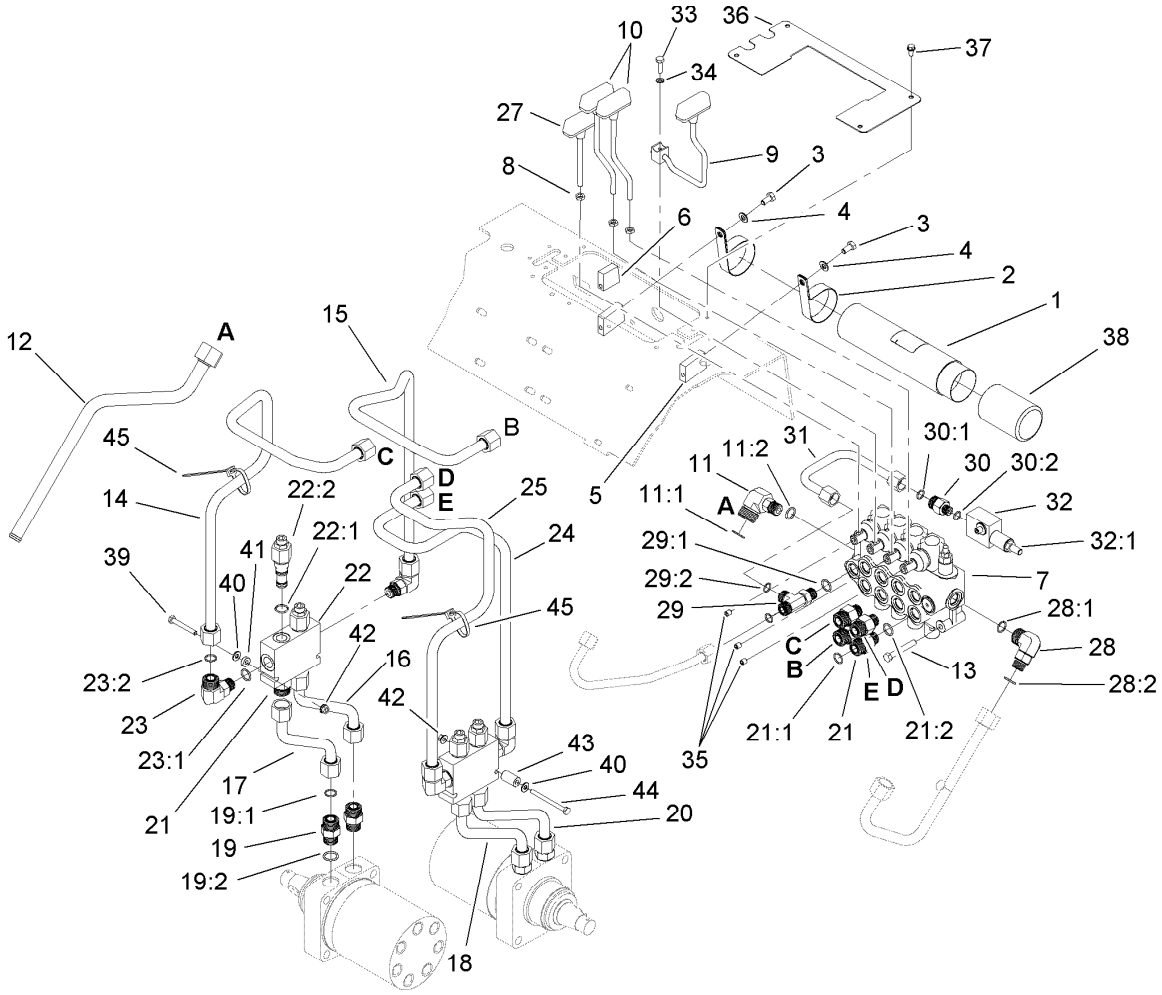


Hydraulic Traction Assembly

Ref.	Part Number	Qty.	Description
1	104-7050	1	Tube-Manual
2	2412-133	2	R-Clamp
3	322-2	3	Screw-HH
4	33094-00	5	Washer-Plain
5	108-4728	2	Spacer
6	105-7870	1	Spacer-Upper
7	105-6246	1	Valve-Four Spool (W/ Relief Port)
8	33014-00	3	Nut-Hex
9	106-8165	1	Control Lever ASM
10	104-5733	2	Drive Lever ASM
11	92-5696	1	Fitting-HYD, 90 DEG
11:1	237-58	1	O-Ring
11:2	237-79	1	O-Ring
12	106-8177	1	Tube-Tank, HYD
13	322-11	3	Screw-HH
14	105-7877	1	Tube-HYD (Right B)
15	105-7876	1	Tube-HYD (Right A)
16	98-4740	1	Tube-HYD
17	98-4741	1	Tube-HYD
18	98-4743	1	Tube-HYD
19	340-7	4	Adapter
19:1	237-65	1	O-Ring
19:2	237-80	1	O-Ring
20	98-4742	1	Tube-HYD
21	340-155	8	Fitting-HYD, Straight

● Not illustrated

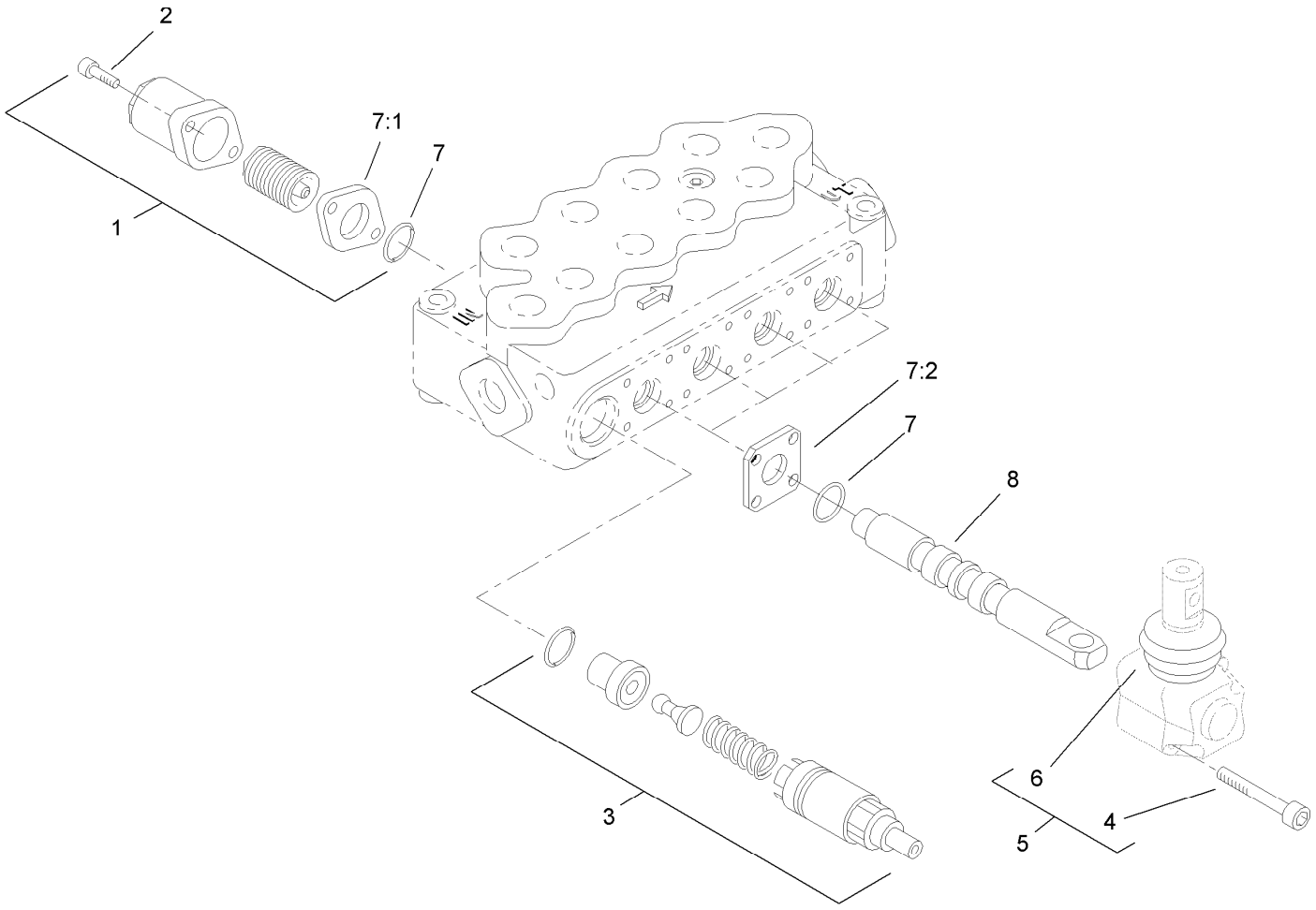
Ref.	Part Number	Qty.	Description
21:1	237-79	1	O-Ring
21:2	237-151	1	O-Ring
22	98-9050	2	Valve-Counterbalance
22:1	105-4099	1	Seal Kit
22:2	99-3271	2	Valve-Cartridge
23	340-153	4	Fitting-Elbow, 90 DEG
23:1	237-79	1	O-Ring
23:2	237-151	1	O-Ring
24	105-7875	1	Tube-HYD (Left A)
25	105-7874	1	Tube-HYD (Left B)
27	105-7881	1	Cylinder Lever ASM
28	340-153	1	Fitting-Elbow, 90 DEG
28:1	237-79	1	O-Ring
28:2	237-151	1	O-Ring
29	340-109	1	Fitting-HYD, Tee
29:1	237-79	1	O-Ring
29:2	237-30	2	O-Ring
30	340-5	1	Fitting-Straight
30:1	237-42	1	O-Ring
30:2	237-30	1	O-Ring
31	108-4717	1	HYD Tube ASM
32	105-7882	1	Relief Valve ASM
32:1	105-8358	1	Cartridge-Valve, Relief
32:2	105-8357	1	Seal Kit ●
33	321-5	1	Screw-HH
34	3253-3	1	Washer-Lock



Hydraulic Traction Assembly (continued)

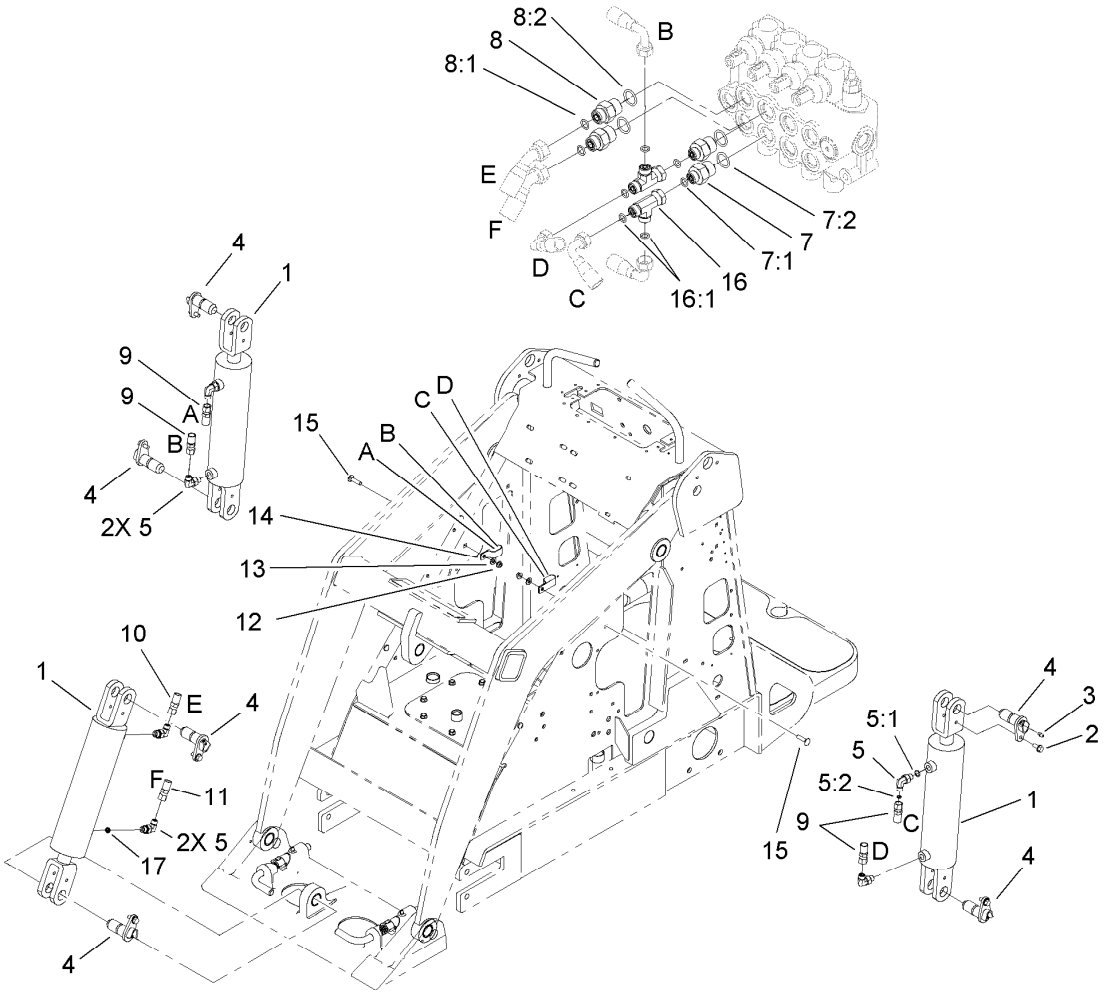
Ref.	Part Number	Qty.	Description
35	105-4068	3	Screw-Set, HSH
36	108-9731-03	1	Plate-Cover
37	32144-4	4	Screw-HWH
38	104-7048	1	Cap-Housing
39	321-11	1	Screw-HH
40	3256-22	2	Washer-Flat
41	106-8189	1	Spacer
42	32128-32	2	Nut-HHF
43	106-8188	1	Spacer
44	321-23	1	Screw-HH
45	3290-379	2	Tie-Cable

● Not illustrated



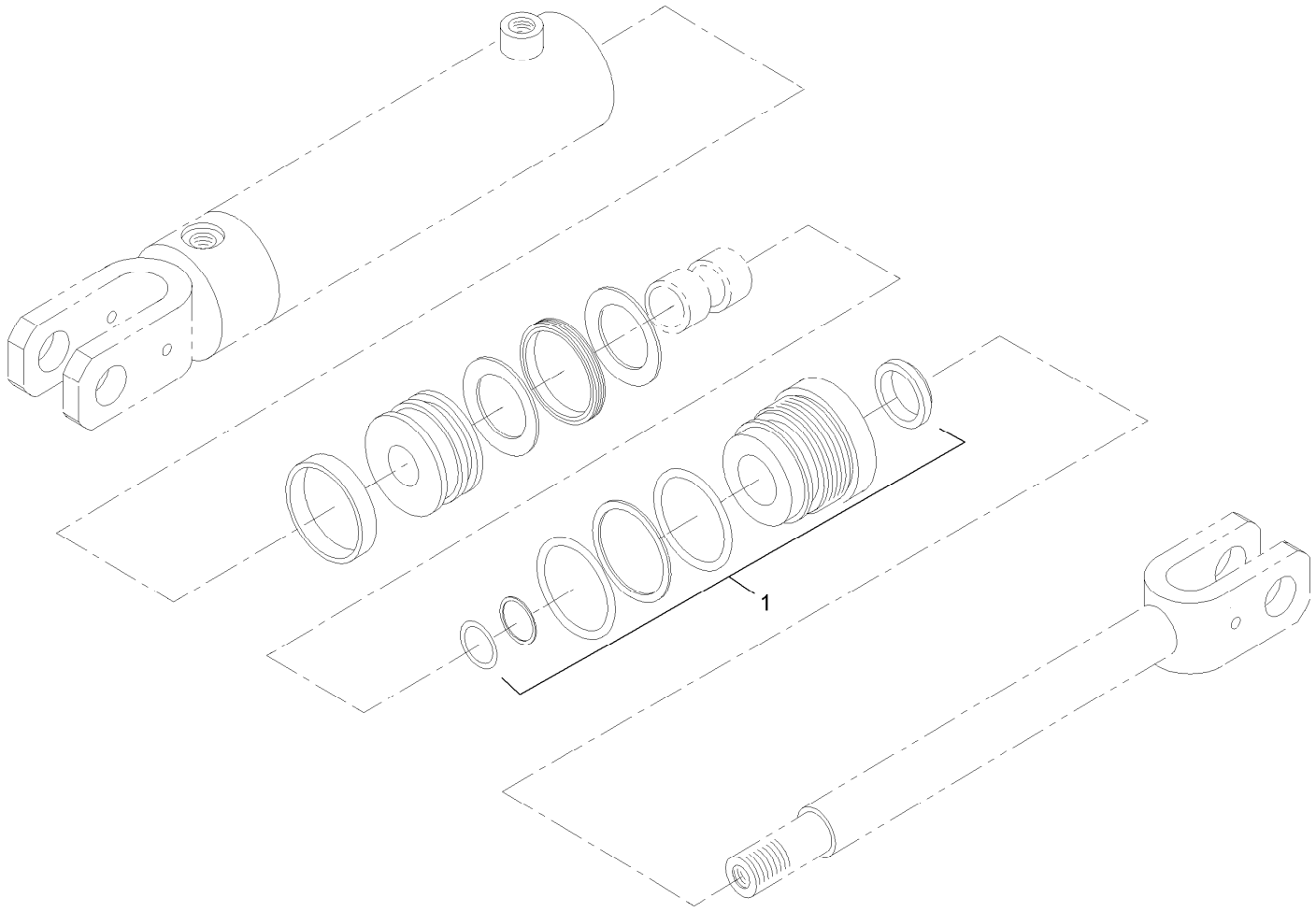
Hydraulic Valve Assembly No. 105-6246

Ref.	*Part Number*	*Qty.*	*Description*
1	100-8801	4	High Force Spring Kit
1	100-8800	4	Standard Spring ASM
2	100-8802	8	Screw-Cap, End
3	100-8805	1	Valve-Relief
4	100-8806	8	Screw
5	100-8807	4	Operator ASM
6	100-8829	4	Boot
7	99-4390	1	Seal Kit
7:1	99-3074	4	Gasket
7:2	99-3075	8	Gasket
8	105-8441	4	Spool-Valve



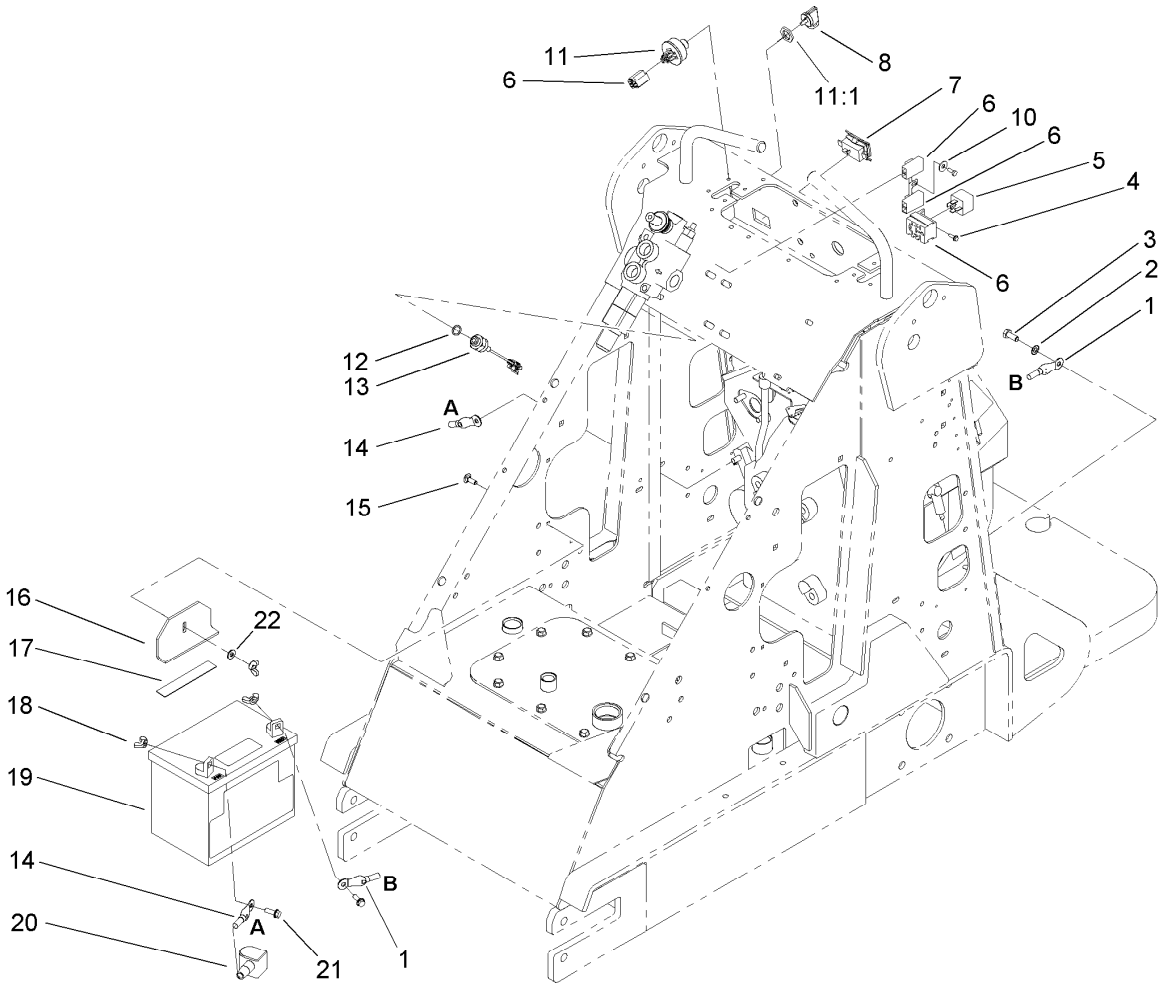
Hydraulic Cylinder Assembly

Ref.	*Part Number*	*Qty.*	*Description*
1	105-7867	3	Cylinder-HYD
2	99-5105	6	Bolt-Shoulder
3	302-5	6	Fitting-Grease
4	112-2609	6	Pivot Pin ASM
5	340-82	6	Adapter
5:1	237-42	1	O-Ring
5:2	237-21	1	O-Ring
7	340-133	2	Adapter
7:1	237-79	1	O-Ring
7:2	237-21	1	O-Ring
8	340-3	2	Adapter
8:1	237-22	1	O-Ring
8:2	237-79	1	O-Ring
9	98-4725	4	Hose-HYD
10	98-4727	1	Hose-HYD
11	98-4726	1	Hose-HYD
12	3296-29	2	Nut-Lock, NI
13	3256-23	2	Washer-Flat
14	2412-137	2	Clamp-R, Double
15	3230-3	2	Screw-CARR
16	340-151	2	Fitting
16:1	237-75	3	O-Ring
17	108-4714	1	Orifice-Port Insert, One Way



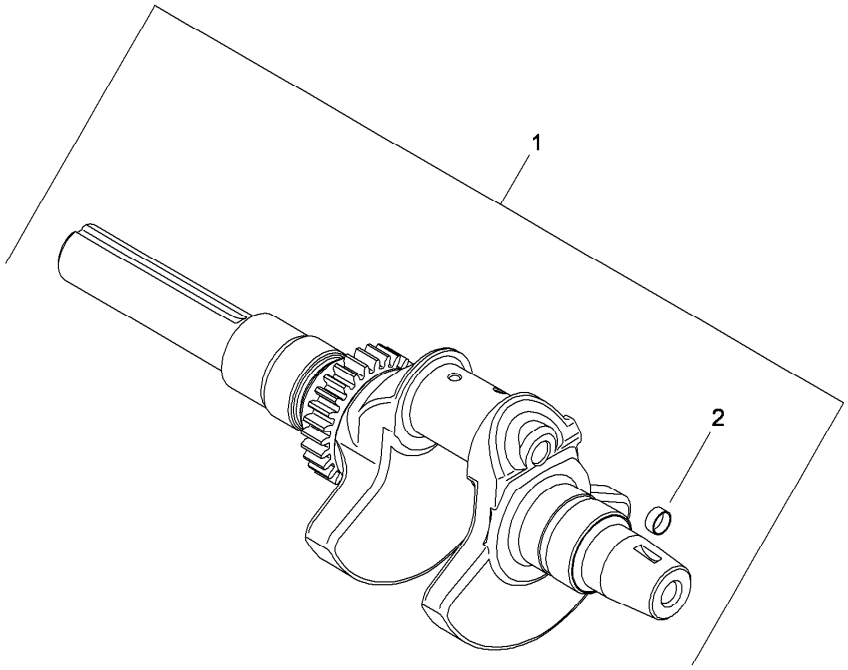
Hydraulic Cylinder Assembly No. 105-7867

Ref.	*Part Number*	*Qty.*	*Description*
1	105-8356	1	Seal Kit



Electrical Assembly

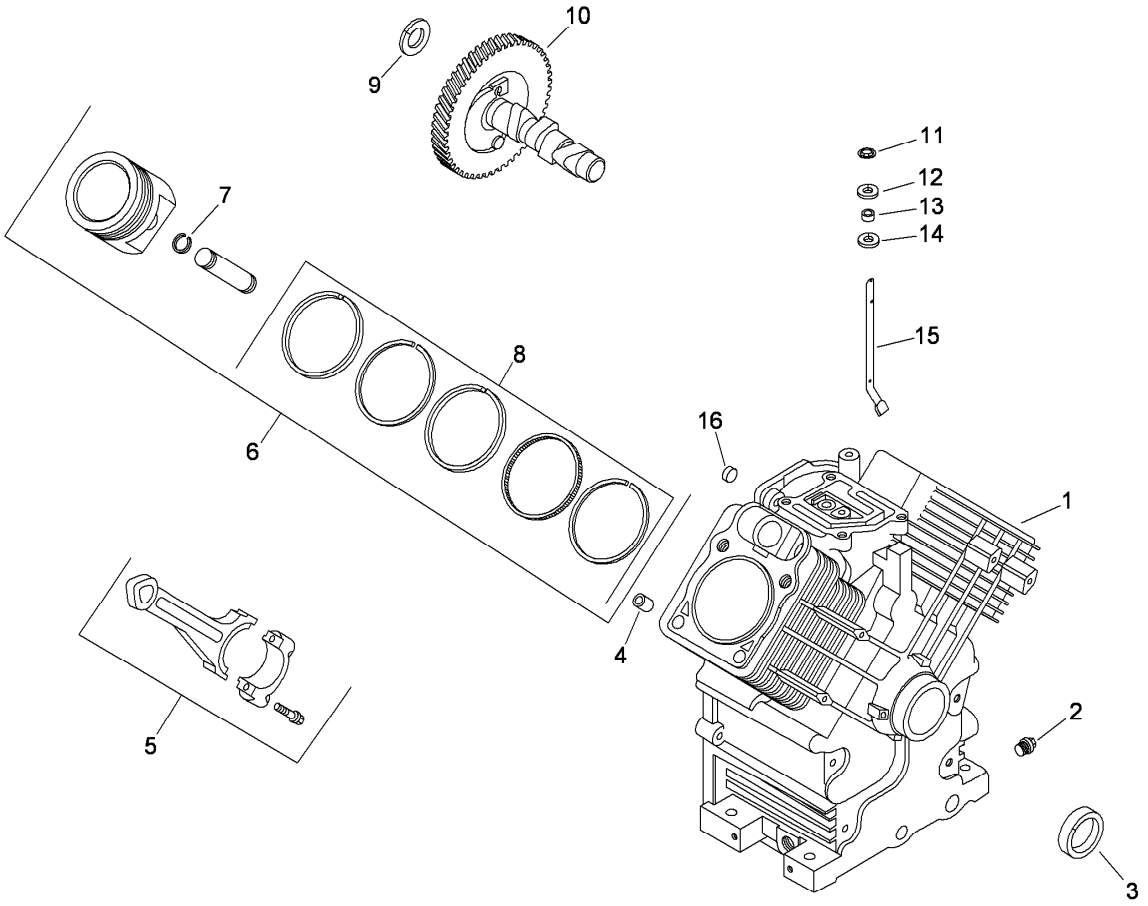
Ref.	*Part Number*	*Qty.*	*Description*
1	111074	1	Cable-Black
2	3255-8	1	Washer-Lock
3	33114-020	1	Screw-HH
4	32144-87	2	Screw-HWHTF
5	98-7249	1	Relay
6	98-4650	1	Harness-Electrical
7	106-8175	1	Meter-Hour
8	63-8360	2	Key-Ignition
10	3256-49	1	Washer-Flat
11	116338	1	Key Switch ASM
11:1	101884	1	Nut
12	237-42	1	O-Ring
13	72-4310	1	Switch-Ball
14	92-6989	1	Wire-21 Inch
15	3229-2	1	Screw-CARR
16	105-8401-03	1	Clamp-Battery
17	94-9566	1	Pad-Footrest
18	32103-22	3	Nut-Wing
19	104-2492	1	Battery
20	77-0981	1	Boot-Terminal, Red
21	3234-4	2	Screw-HHF
22	3256-22	1	Washer-Flat



Crankshaft Assembly
Kohler CH20S-64763

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

● Obtain parts from www.kohlerplus.com

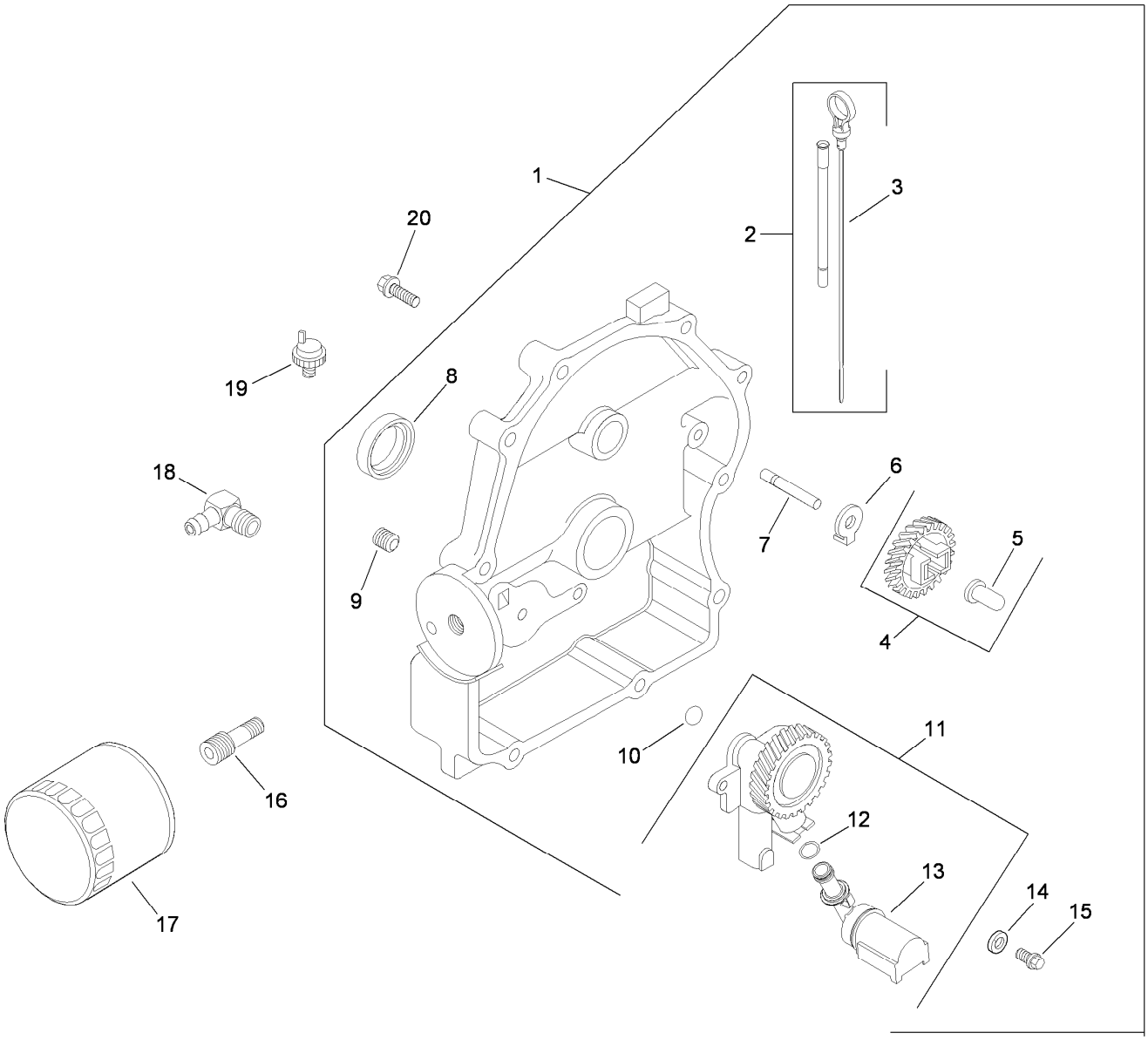


Crankcase Assembly
Kohler CH20S-64763

Ref.	Part Number	Qty.	Description
1	24 522 181	1	Block-Cylinder (Short Block Replacement) ■
1	24 782 15	1	Block-Cylinder (Miniblock Replacement) ■
2	52 139 02-S	2	Plug-Pipe Head, 3/8 ■
3	24 032 19-S	1	Seal-Oil (Helix Lip) ■
4	24 380 16-S	6	Pin-Locating ■
5	24 067 24-S	2	Rod-Connecting (STD) ■
5	24 067 25-S	2	Rod-Connecting (.25) ■
6	24 874 38-S	2	Piston ASM (Std) ■
6	24 874 39-S	2	Piston ASM (.08) ■
7	24 874 40-S	2	Piston ASM (.25) ■
7	24 874 41-S	2	Piston ASM (.50) ■
7	24 018 01-S	4	Retainer-Pin, Piston ■
8	24 108 22-S	2	Ring Set (STD) ■
8	24 108 23-S	2	Ring Set (.08) ■
8	24 108 24-S	2	Ring Set (.25) ■
8	24 108 25-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) ■
9	12 422 07-S	1	Shim-Camshaft (White .028) ■
9	12 422 08-S	1	Shim-Camshaft (Blue .03) ■
9	12 422 10-S	1	Shim-Camshaft (Yellow .034) ■
9	12 422 11-S	1	Shim-Camshaft (Green .036) ■
9	12 422 12-S	1	Shim-Camshaft (Gray .038) ■
10	24 012 10-S	1	Camshaft Kit ■
11	24 018 09-S	1	Retainer-Ring ■
12	M-931010-S	1	Washer-Flat (9Mm) ■
13	28 032 09-S	1	Seal-Cross Shaft, Governor ■
14	24 468 15-S	1	Washer-Flat (11/32) ■
15	24 144 38-S	1	Shaft-Cross, Governor ■
16	52 139 09-S	1	Plug-Cup ■
	25 357 14-S	1	Lubricant-Camshaft ● ■

● Not illustrated

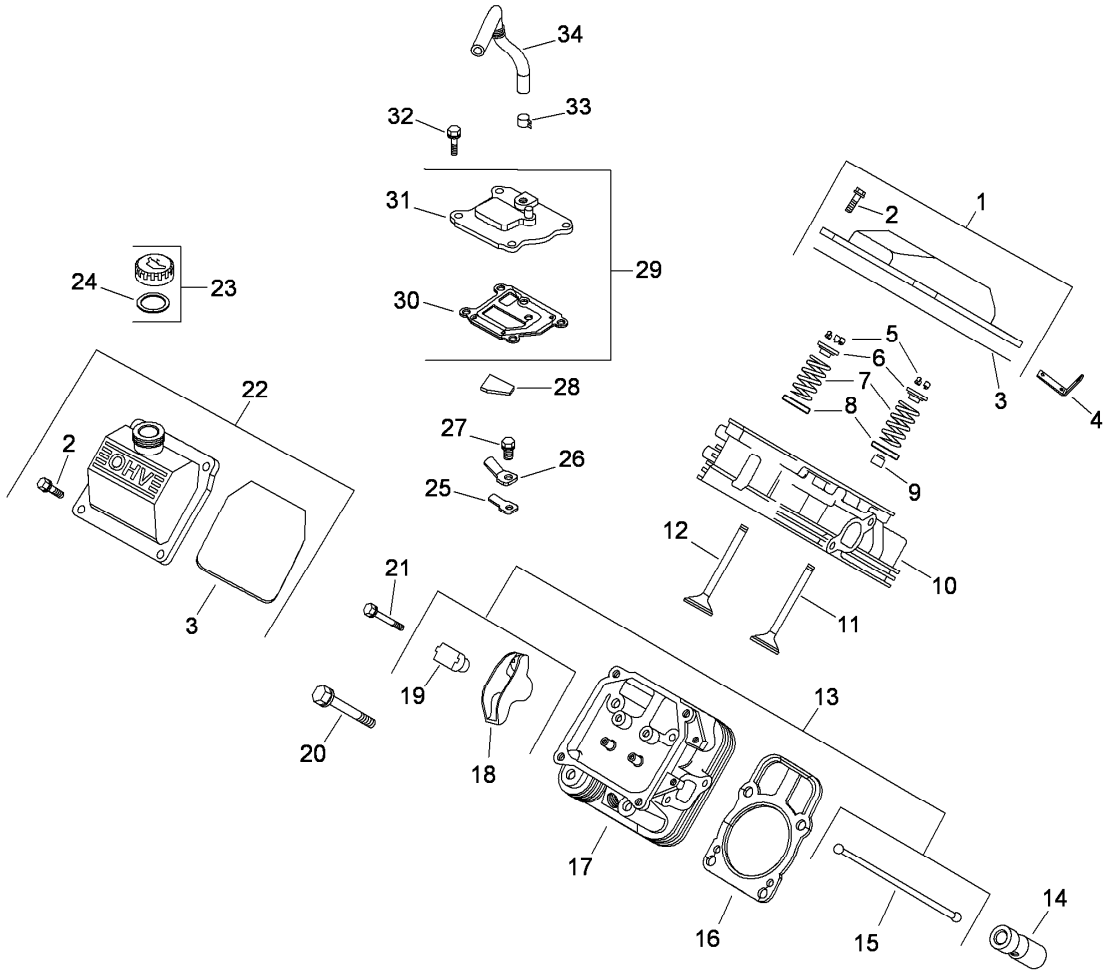
■ Obtain parts from www.kohlerplus.com



Oil Pan and Lubrication Assembly
Kohler CH20S-64763

Ref.	Part Number	Qty.	Description
1	24 009 150-S	1	Closure Plate ASM (Includes 2-15) ●
2	24 755 121-S	1	Dipstick Tube ASM (Includes 3) ●
3	24 038 10-S	1	Dipstick ●
4	24 043 12-S	1	Governor Gear Kit (Includes 5) ●
5	12 380 01-S	1	Pin-Regulating, Governor ●
6	24 448 02-S	1	Tab-Locking ●
7	12 144 02-S	1	Shaft-Gear, Governor ●
8	25 032 06-S	1	Seal-Oil (PTO End) ●
9	25 139 60-S	1	Plug-Pipe, Countersunk (1/8) ●
10	24 153 08-S	1	O-Ring ●
11	24 393 51-S	1	Oil Pump ASM (Includes 12, 13) ●
12	24 153 01-S	1	O-Ring (Oil Pick Up) ●
13	24 381 04-S	1	Tube-Pick Up, Oil ●
14	M-631005-S	2	Washer-Flat (6 Mm) ●
15	M-645025-S	2	Screw-Flange, Thread Forming (M6X1.0X25) ●
16	24 136 01-S	1	Nipple-Filter, Oil ●
17	52 050 02-S	1	Filter-Oil ●
18	25 155 02-S	1	Connector-Hose, 90 Deg ●
19	24 099 03-S	1	Switch-Pressure, Oil ●
20	24 086 17-S	10	Screw-Flange (M8X1.25X45) ●

● Obtain parts from www.kohlerplus.com



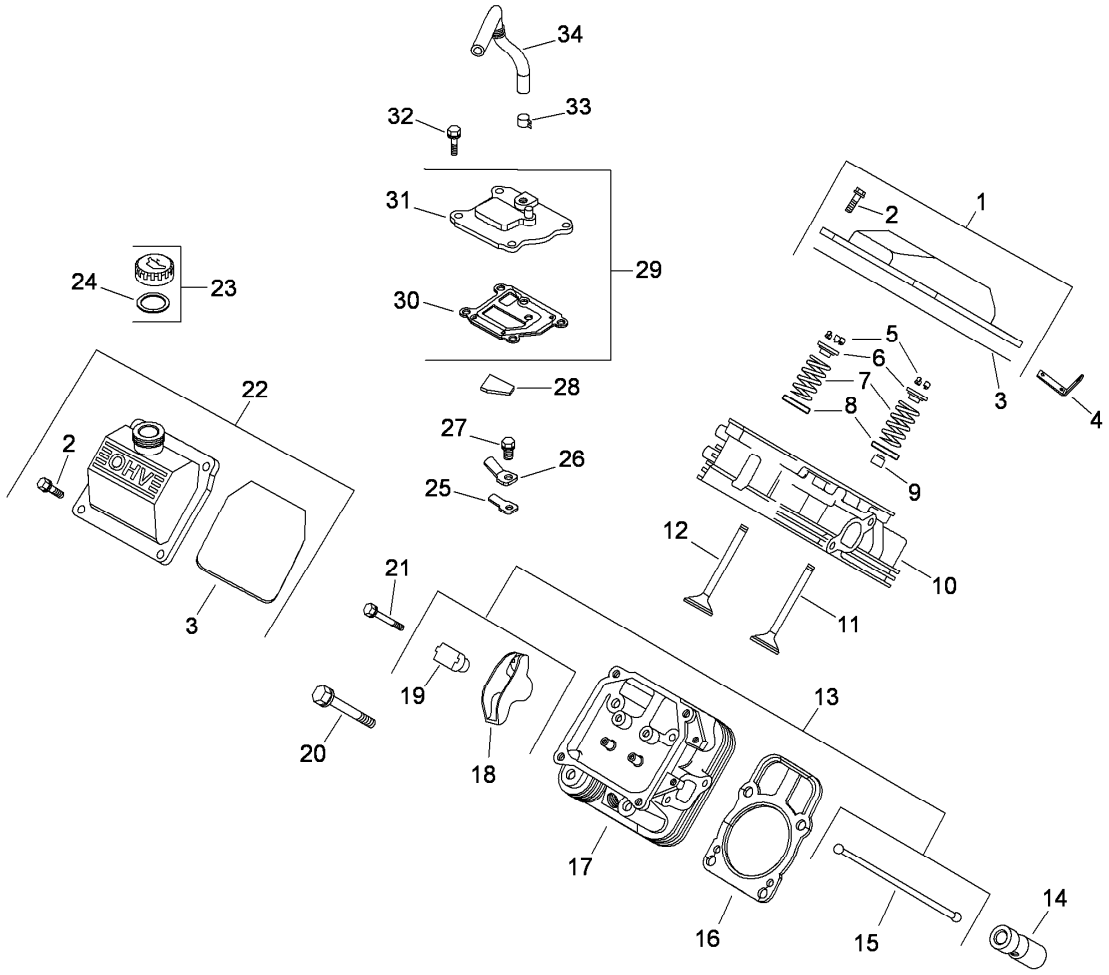
Head, Valve and Breather Assembly
Kohler CH20S-64763

Ref.	Part Number	Qty.	Description
1	24 755 141-S	1	Plain Valve Cover ASM (Includes 2, 3) ■
2	M-651030-S	8	Screw-Flange (M6X1.0X30) ■
3	24 153 30-S	2	O-Ring (Valve Cover) ■
4	25 445 01-S	1	Strap-Lifting ■
5	12 755 03-S	4	Retainer Kit ■
6	12 173 01-S	4	Cap-Spring, Valve ■
7	24 089 02-S	4	Spring-Valve ■
8	235011-S	4	Retainer-Spring ■
9	66 032 05-S	2	Seal-Stem, Valve ■
10	24 318 68-S	1	No. 1 Cylinder Head ASM ■
11	24 017 01-S	2	Valve-Intake (STD) ■
11	24 017 02-S	2	Valve-Intake (.25) ■
12	24 016 01-S	2	Valve-Exhaust (STD) ■
12	24 016 02-S	2	Valve-Exhaust (.25) ■
13	24 755 66-S	1	Valve Train Kit (Includes 15, 18, 19) ■
14	25 351 04-S	4	Lifter-Valve (Includes Camshaft Lubricant) ■
15	24 411 05-S	4	Rod-Push ■
16	24 841 01-S	2	Cylinder Head Gasket Kit (Includes Gaskets, Nut And O-Ring) ■

Ref.	Part Number	Qty.	Description
17	24 318 115-S	1	No. 2 Cylinder Head ASM (Includes Stud) ■
18	25 186 01-S	4	Arm-Rocker ■
19	24 599 02-S	4	Pivot-Arm, Rocker ■
20	12 086 16-S	8	Screw-Flange (M10X1.5X90) ■
21	M-640034-S	4	Screw-Flange (M6X1.0X34) ■
22	24 755 140-S	1	Valve Cover Oil Fill ASM (Includes 2, 3) ■
23	24 755 46-S	1	Oil Fill Cap ASM (Yellow) (Includes 24) ■
24	25 153 02-S	1	O-Ring (Dipstick) ■
25	24 402 03-S	1	Reed-Breather ■
26	66 018 04-S	1	Retainer-Reed ■
27	M-545010-S	1	Screw-HHFTF (M5X.80X10) ■
28	24 050 11-S	1	Filter-Breather ■
29	24 033 01-S	1	Breather ASM (Includes 30, 31) ■
30	24 041 51-S	1	Gasket-Breather ■
31	24 096 86-S	1	Cover-Breather ■
32	M-645020-S	4	Screw-HHFTF (M6X1.0X20) ■

● Not illustrated

■ Obtain parts from www.kohlerplus.com

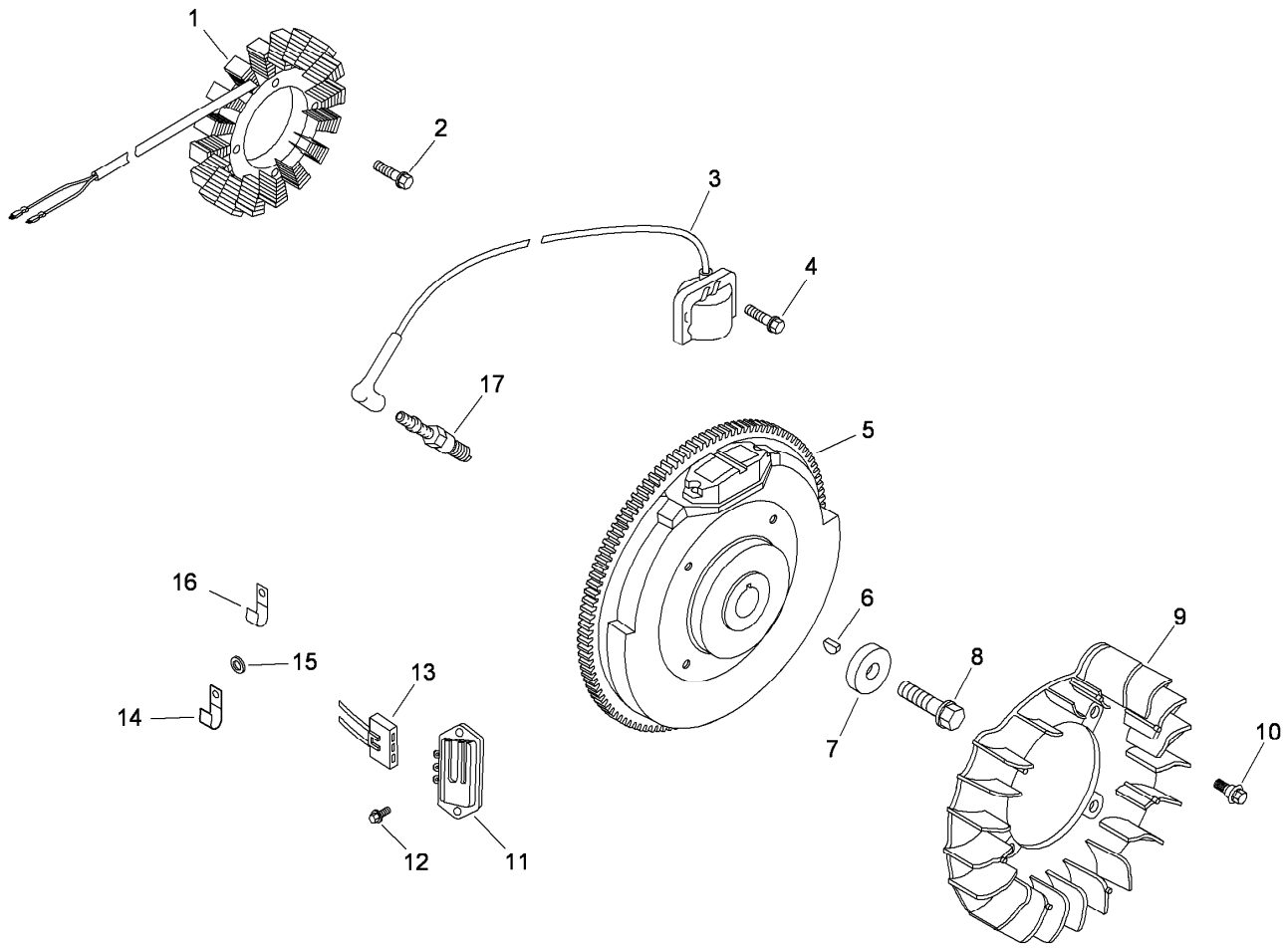


Head, Valve and Breather Assembly
Kohler CH20S-64763 (continued)

Ref.	Part Number	Qty.	Description
33	25 237 14-S	1	Clamp-Hose, Spring (1/2) ■
34	24 326 89-S	1	Hose-Breather ■
	M-545016-S	2	Screw-Flange, Thread Forming (M5X0.8X16) ●■
	M-545020-S	2	Screw-Flange, Thread Forming (M5X.8X20) ●■
	24 755 147-S	2	Cylinder Head Hardware Kit (Includes 5-9,11,12,15,18,19, 21) ●■
	25 072 04-S	2	Stud (M8X1.25X33) ●■
	24 041 01-S	1	Gasket-Manifold, Intake ●■
	24 041 49-S	1	Gasket-Exhaust ●■
	24 100 10-S	1	Nut-Flange (M8X1.25) ●■
	24 153 27-S	1	O-Ring (Intake Port) ●■
	25 357 14-S	1	Lubricant-Camshaft ●■

● Not illustrated

■ Obtain parts from www.kohlerplus.com

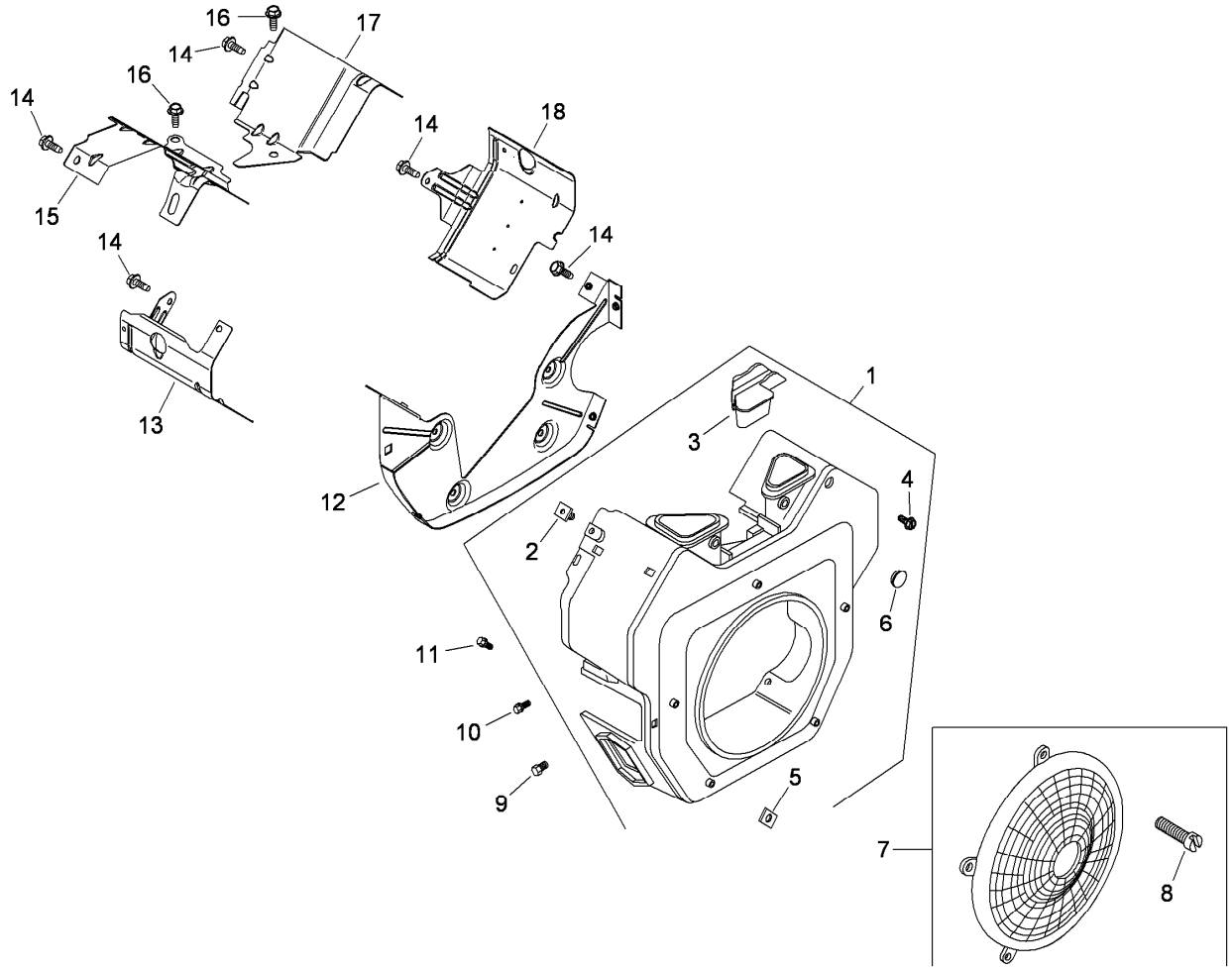


Ignition and Electrical Assembly
Kohler CH20S-64763

Ref.	*Part Number*	*Qty.*	*Description*
1	237878-S	1	Stator Kit (15 Amp) (Includesterminal) ■
2	M-548025-S	2	Screw-Thread Forming (M5X0.8X25) ■
3	24 584 45-S	2	Module-Ignition (C D I Fixed) ■
4	M-545020-S	4	Screw-Flange, Thread Forming (M5X.8X20) ■
5	24 025 55-S	1	Flywheel ASM ■
6	X-42-15-S	1	Key (3/16 X 5/8) ■
7	12 468 03-S	1	Washer-Flat (13/32) ■
8	12 086 14-S	1	Screw-Flange (M10X1.5X45) ■
9	24 157 11-S	1	Fan ■
10	25 086 47-S	4	Bolt-Shoulder (M6X1.0X16) ■
11	41 403 09-S	1	Rectifier-Regulator ■
12	25 086 157-S	2	Screw-Hex Flange, Hi-Lo ■
13	236602-S	1	Connector (3 Contact) ■
14	235173-S	1	Clip-Cable ■
15	X-25-63-S	1	Washer-Flat (1/4) ■
16	210281-S	1	Clip ■
17	25 132 12-S	2	Spark Plug (Pro Series) ■
	24 126 137-S	1	Bracket-Strap, Ground ● ■
	24 176 08-S	1	Harness-Wiring ● ■
	25 086 91-S	2	Screw-Wsh HD Tap (8-18X.50) ● ■
	25 454 07-S	2	Tie-Wire ● ■
	25 452 01-S	2	Terminal ● ■

● Not illustrated

■ Obtain parts from www.kohlerplus.com

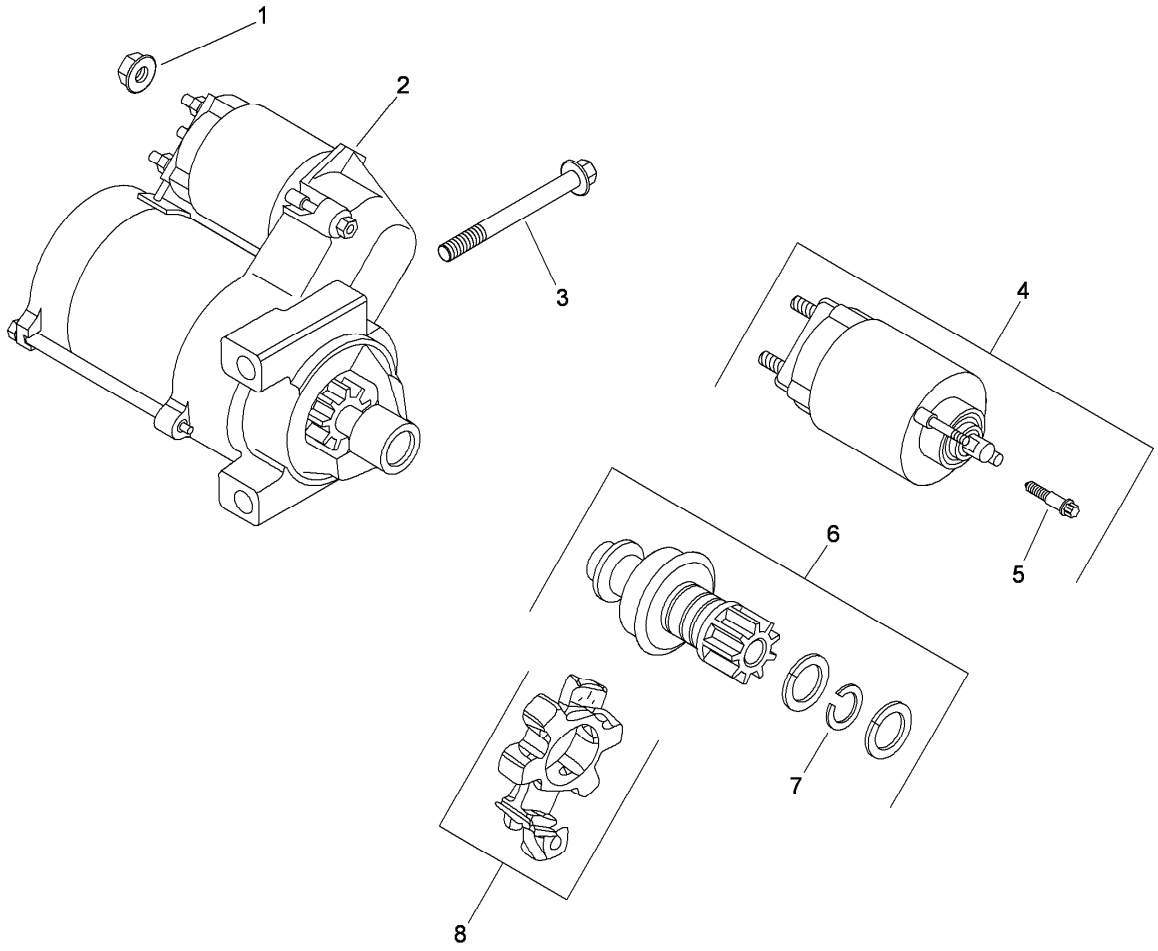


Blower Housing and Baffle Assembly
Kohler CH20S-64763

Ref.	*Part Number*	*Qty.*	*Description*
1	24 027 196-S	1	Blower Housing ASM (Includes 2-6) ■
2	24 100 02-S	1	Nut-Plastic ■
3	24 096 85-S	1	Cover-Housing, Blower ■
4	25 139 16-S	1	Plug-Button (9/16) ■
5	24 100 01-S	2	Nut-Plastic ■
6	25 086 91-S	1	Screw-Wsh HD Tap (8-18X.50) ■
7	24 755 81-S	1	Fixed Guard Kit (Includes 8) ■
8	25 086 160-S	5	Screw-Sems ■
9	M-561016-S	1	Screw-Flange, Thread Forming (M5X.80X16) ■
10	M-545016-S	3	Screw-Flange, Thread Forming (M5X0.8X16) ■
11	M-545020-S	4	Screw-Flange, Thread Forming (M5X.8X20) ■
12	24 146 55-S	1	Plate-Backing ■
13	24 063 88-S	1	Baffle-Barrel, Cylinder (No. 2 Side) ■
14	M-645016-S	6	Screw-Flange, Thread Forming (M6X1.0X16) ■
15	24 063 70-S	1	Baffle-Valley (No. 2 Side) ■
16	M-545010-S	2	Screw-HHFTF (M5X.80X10) ■
17	24 063 59-S	1	Baffle-Valley (No. 1 Side) ■
18	24 063 85-S	1	Barrel-Cylinder (No.1 Side) ■
	25 154 11-S	1	Clip-Repair (Speed Nut) ● ■
	24 332 01-S	5	Insert-Threaded ● ■

● Not illustrated

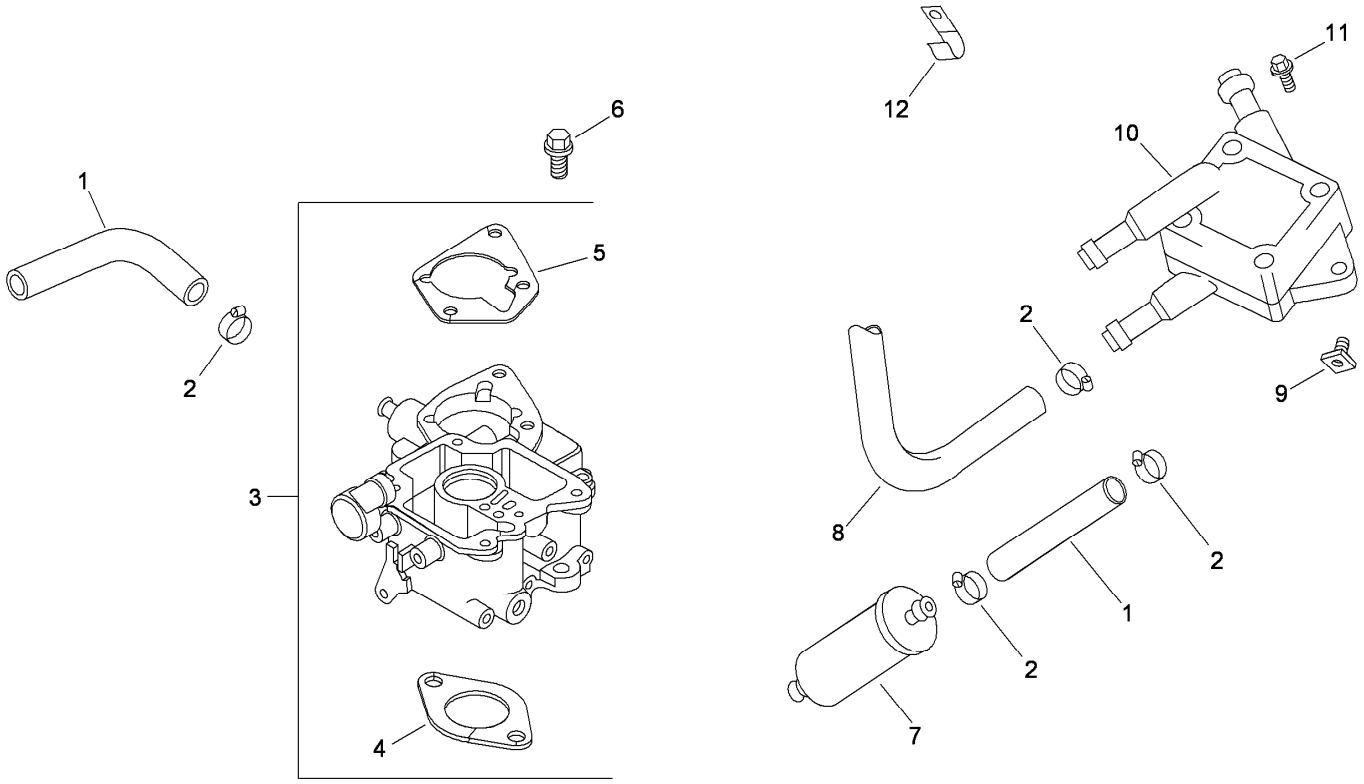
■ Obtain parts from www.kohlerplus.com



Starting System Assembly
Kohler CH20S-64763

Ref.	*Part Number*	*Qty.*	*Description*
1	M-841080-S	1	Nut-Flange (M8X1.25) ●
2	25 098 09-S	1	Starter ASM (Solenoid Shift) ●
3	M-839080-S	2	Screw-Flg (M8X1.25X80) ●
4	25 435 06-S	1	Solenoid Kit (Includes 5) ●
5	25 086 113-S	3	Screw-Torx Head, External ●
6	25 755 33-S	1	Pinion Drive Kit (Includes 7) ●
7	25 141 05-S	1	Ring-Retaining ●
8	25 221 01-S	1	Brush Holder Kit ●

● Obtain parts from www.kohlerplus.com

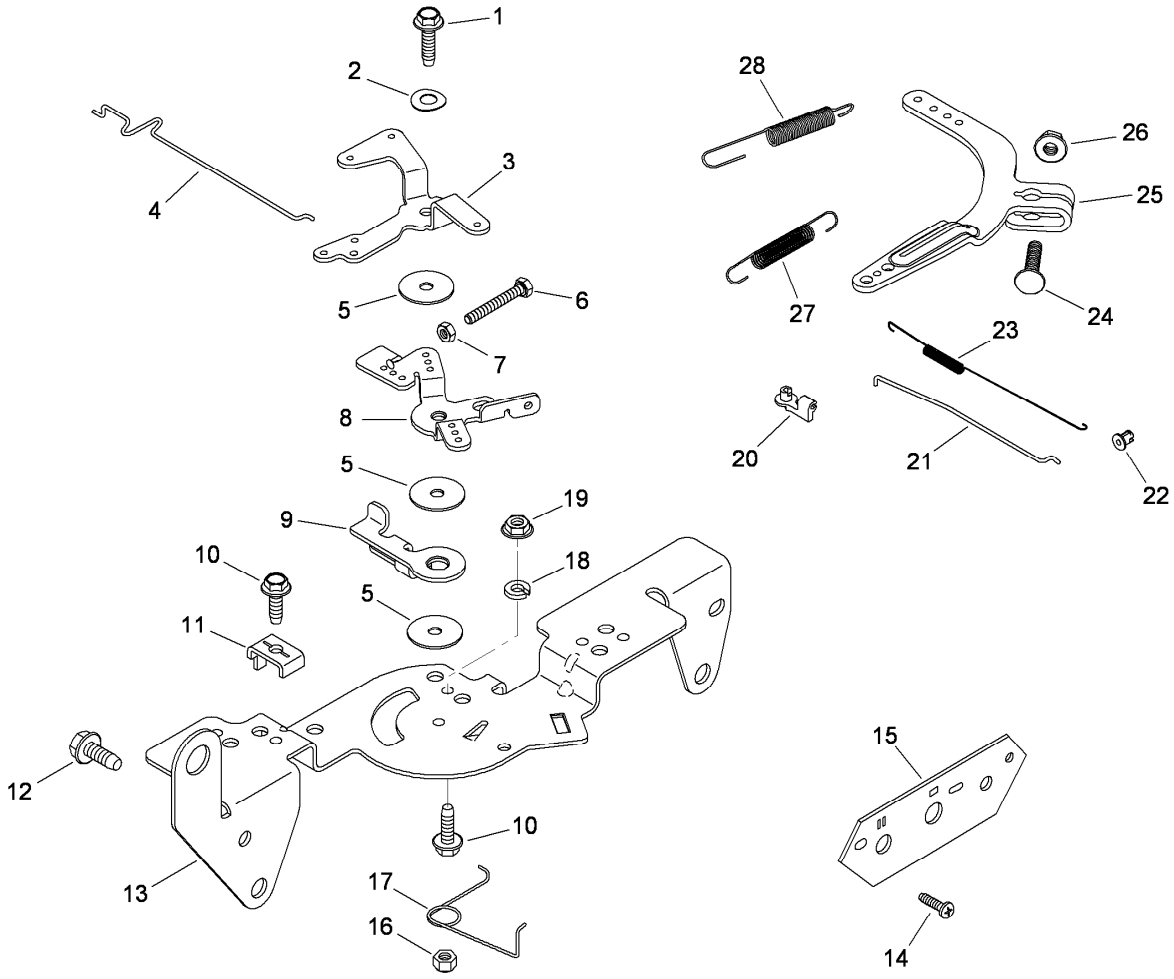


Fuel System Assembly
Kohler CH20S-64763

Ref.	*Part Number*	*Qty.*	*Description*
1	25 111 34-S	2	Line-Fuel (24.0 Cut To Length) ■
2	25 237 14-S	6	Clamp-Hose, Spring (1/2) ■
3	24 853 43-S	1	Carburetor Kit (Includes 4, 5) ■
4	24 041 17-S	1	Gasket-Carburetor ■
5	24 041 06-S	1	Gasket-Base, Air Cleaner ■
6	M-651030-S	2	Screw-Flange (M6X1.0X30) ■
7	24 050 13-S	1	Filter-Fuel ■
8	24 353 02-S	1	Line-Fuel, Flexible (15.5) ■
9	25 100 37-S	2	Nut-Plastic (Black) ■
10	24 393 16-S	1	Pump-Fuel ■
11	24 086 12-S	2	Screw-TAP (M6X1.7X18) ■
12	47 154 01-S	1	Clip-Cable ■
	25 086 158-S	1	Screw-Flanged, Thread Forming (M6X1.0X11) ● ■
	24 755 125-S	1	High Altitude Kit ● ■
	24 757 07-S	1	Choke Repair Kit ● ■
	24 757 02-S	1	Float Repair Kit ● ■
	24 757 01-S	1	Solenoid Repair Kit ● ■
	24 757 03-S	1	Carburetor Repair Kit ● ■

● Not illustrated

■ Obtain parts from www.kohlerplus.com

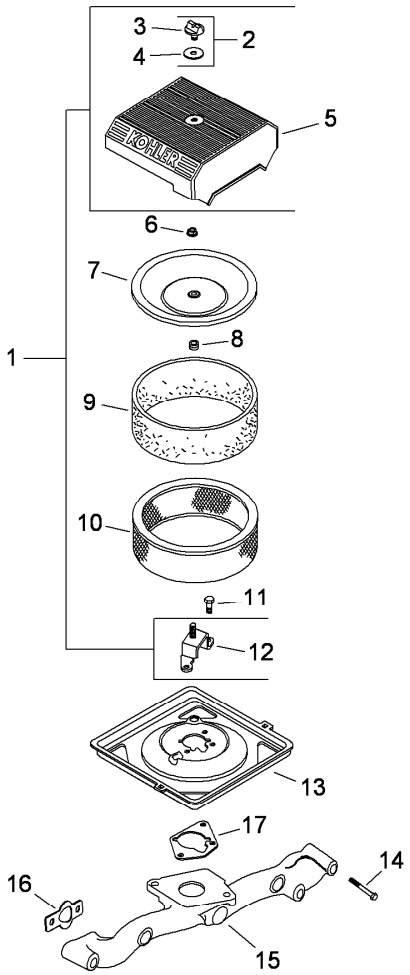


Engine Control Assembly
Kohler CH20S-64763

Ref.	Part Number	Qty.	Description
1	M-545020-S	1	Screw-Flange, Thread Forming (M5X.8X20) ●
2	41 468 03-S	1	Washer-Spring (1/4) ●
3	24 090 05-S	1	Lever-Choke ●
4	24 079 21-S	1	Linkage-Choke ●
5	24 468 01-S	3	Washer-Flat (5.5Mm) ●
6	M-403025-S	1	Screw-Slotted Head (M4X0.7X25) ●
7	M-446030-S	1	Nut (M4X0.7) ●
8	24 090 03-S	1	Lever-Control, Throttle ●
9	24 090 07-S	1	Lever-Actuator, Throttle ●
10	M-545016-S	3	Screw-Flange, Thread Forming (M5X0.8X16) ●
11	12 237 01-S	2	Clamp-Cable ●
12	M-645016-S	4	Screw-Flange, Thread Forming (M6X1.0X16) ●
13	24 126 56-S	1	Bracket-Control ●

Ref.	Part Number	Qty.	Description
14	24 086 06-S	2	Screw-PPH (11-16X3/4) ●
15	24 378 01-S	1	Panel-Control, Front ●
16	M-547050-S	1	Nut-Lock (M5X.8) ●
17	24 089 03-S	1	Spring-Return, Choke ●
18	X-20-1-S	1	Washer-Lock (.25) ●
19	M-541050-S	1	Nut-HF (M5X0.8) ●
20	25 158 11-S	1	Bushing-Retaining, Linkage ●
21	24 079 01-S	1	Linkage-Throttle ●
22	25 158 08-S	1	Bushing-Linkage, Throttle ●
23	24 089 01-S	1	Spring-Linkage ●
24	24 211 03-S	1	Bolt-Sq Neck, Rd HD (M6X1.0X25) ●
25	24 090 51-S	1	Lever-Governor ●
26	M-641060-S	1	Nut-Flange (M6X1.0) ●
27	24 089 46-S	1	Spring-Governor ●
28	24 089 51-S	1	Spring-Limiter, Throttle ●

● Obtain parts from www.kohlerplus.com

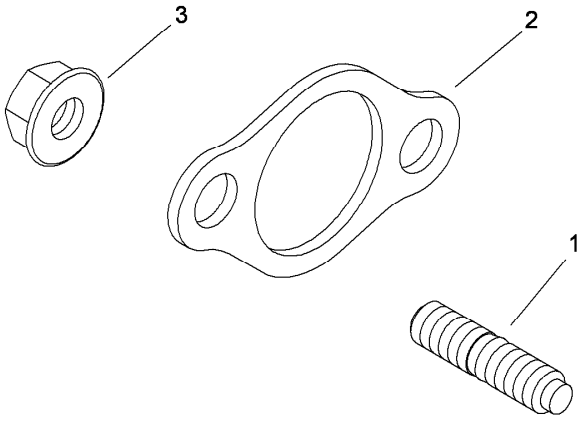


Air Intake and Filtration Assembly
Kohler CH20S-64763

Ref.	*Part Number*	*Qty.*	*Description*
1	24 743 06-S	1	Air Cleaner Cover Kit (Includes 2-5, 12) ■
2	54 755 01-S	1	Knob And Seal Kit (Includes 3, 4) ■
3	25 341 04-S	1	Knob-Cover ■
4	24 153 20-S	1	O-Ring ■
5	24 096 26-S	1	Cover-Air Cleaner ■
6	M-647060-S	1	Nut-Lock (M6X1.0) ■
7	24 096 01-S	1	Cover-Air Cleaner, Inner ■
8	230046-S	1	Seal ■
9	24 083 05-S	1	Pre-Cleaner ■
10	24 083 03-S	1	Element-Filter, Air ■
11	24 086 53-S	3	Screw-Flange, Thread Forming (M6X1.0X16) ■
12	24 126 141-S	1	Bracket-Base, Air Cleaner ■
13	24 094 37-S	1	Base-Cleaner, Air ■
14	25 086 84-S	4	Screw-HF (M6X1.0X55) ■
15	24 164 14-S	1	Manifold-Intake ■
16	24 041 01-S	2	Gasket-Manifold, Intake ■
17	24 041 06-S	1	Gasket-Base, Air Cleaner ■
	28 112 01-S	1	Spacer (Pivot) ● ■

● Not illustrated

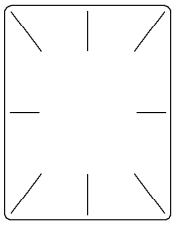
■ Obtain parts from www.kohlerplus.com

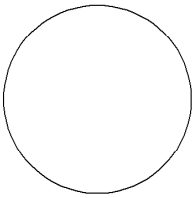


Exhaust Kit
Kohler CH20S-64763

Ref.	*Part Number*	*Qty.*	*Description*
1	25 072 14-S	4	Stud (M8X1.25X33) ●
2	24 041 49-S	2	Gasket-Exhaust ●
3	M-841080-S	4	Nut-Flange (M8X1.25) ●

● Obtain parts from www.kohlerplus.com







Artwork is representative
Actual labels may differ depending on model and specification number

Decal Set
Kohler CH20S-64763

Ref.	*Part Number*	*Qty.*	*Description*
1	25 113 39-S	1	Decal-Laminate, Clear ●
2	25 113 24-S	1	Decal-Screen, Grass ●
3	24 113 95-S	1	Decal-20 Hp ●

● Obtain parts from www.kohlerplus.com

Attachments and Accessories

For 22317 Dingo 220 Compact Utility Loader

Product Name	Model/Part
Tire Chain Kit	100-4140
Helmet-Face Shield	100-4143
Light Kit	100-8940
Narrow Tire ASM	104-0572
Remote Air Cleaner Kit	104-4635
Thigh Support Kit	105-0330
Tube-Tire (18 x 8.50-10)	105-4070
Rubber Foot Mat	105-5805
Tube-Tire (18 X 8.50-8)	106396
4 Cubic Foot Standard Bucket	22409
Loose Materials Bucket	22410
48in Hydraulic Blade	22414
Rotary Broom	22415
Counterweight	22417
Bore Drive Head	22420
Rod And Reamer	22421
Multi-Purpose Tool	22423
Power Box Rake	22425
Stump Grinder	22429
Tree Forks	22438
Cement Bowl	22442
The Eliminator Scarifier/Groomer	22443
40in Tiller	22445
Snowthrower	22456
Trencher Head	22470
High-Speed Trencher Head	22471
Narrow Bucket	22520
Auger Head	22802
Universal Swivel Auger Head	22803
Vibratory Plow	22911
Soil Cultivator	23101
Seeder Box Kit, Soil Cultivator	23120
Concrete Breaker	23135
Backhoe	23163
Adjustable Forks	23164
Leveler	23165
LH Wheel And Tire ASM	98-2747
Wheel and Tire ASM	98-4709
Spark Arrestor (Meets USDA Forest Service Standard 5100-1A)	98-9099
RH Wheel And Tire ASM	99-1447
RH Wheel And Tire ASM (Powerlug)	99-3140
LH Wheel And Tire ASM (Powerlug)	99-3141
Hydraulic Relief Valve Kit	99-4360

Notes:

Notes:



Count on it.