



Dingo[®] 323 Compact Utility Loader

Model No. 22312 - 240000001 and up.

Parts Catalog

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 illustrations and in part 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.

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

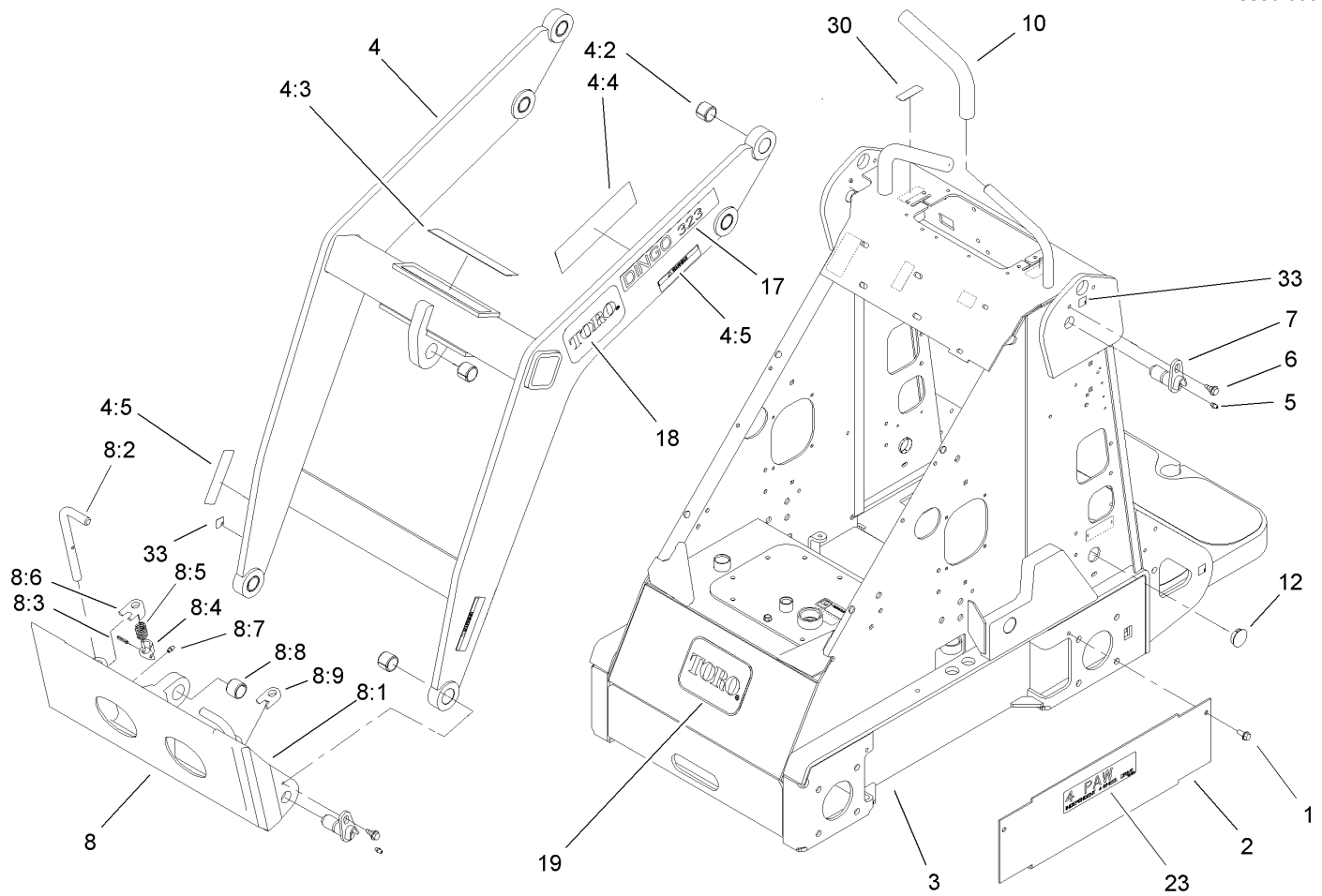
AR.	as required	HYD.	hydraulic
ASM.	assembly	INC.	incorporated
CARR.	carriage	LH.	left hand
DEG.	degrees	NI.	nylon insert
FH.	flat head	PPH.	phillips pan head
GA.	gauge	PTH.	phillips truss head
HF.	hex flange	PTO.	power take off
HH.	hex head	RH.	right hand
HHF.	hex head flange	SFH.	slotted fillister head
HHFTF.	hex head flange thread forming	SHH.	slotted hex head
HJ.	hex jam	SHWH.	slotted hex washer head
HLH.	hex lag head	SPH.	slotted pan head
HOC.	height-of-cut	SQH.	square head
HS.	hex	SRH.	slotted round head
HSBH.	hex socket button head	STD.	standard
HSFH.	hex socket flat head	TAP.	self tapping
HS.	hex socket head	TTH.	torx truss head
HWH.	hex washer head	WH.	wing head
HWHTF.	hex washer head thread forming		

Footnotes

- | | | | |
|---|--------------------------|---|-------------------------|
| ❶ | Not illustrated | ❷ | Not serviced separately |
| ❸ | Obtain Parts From Kohler | | |

Contents

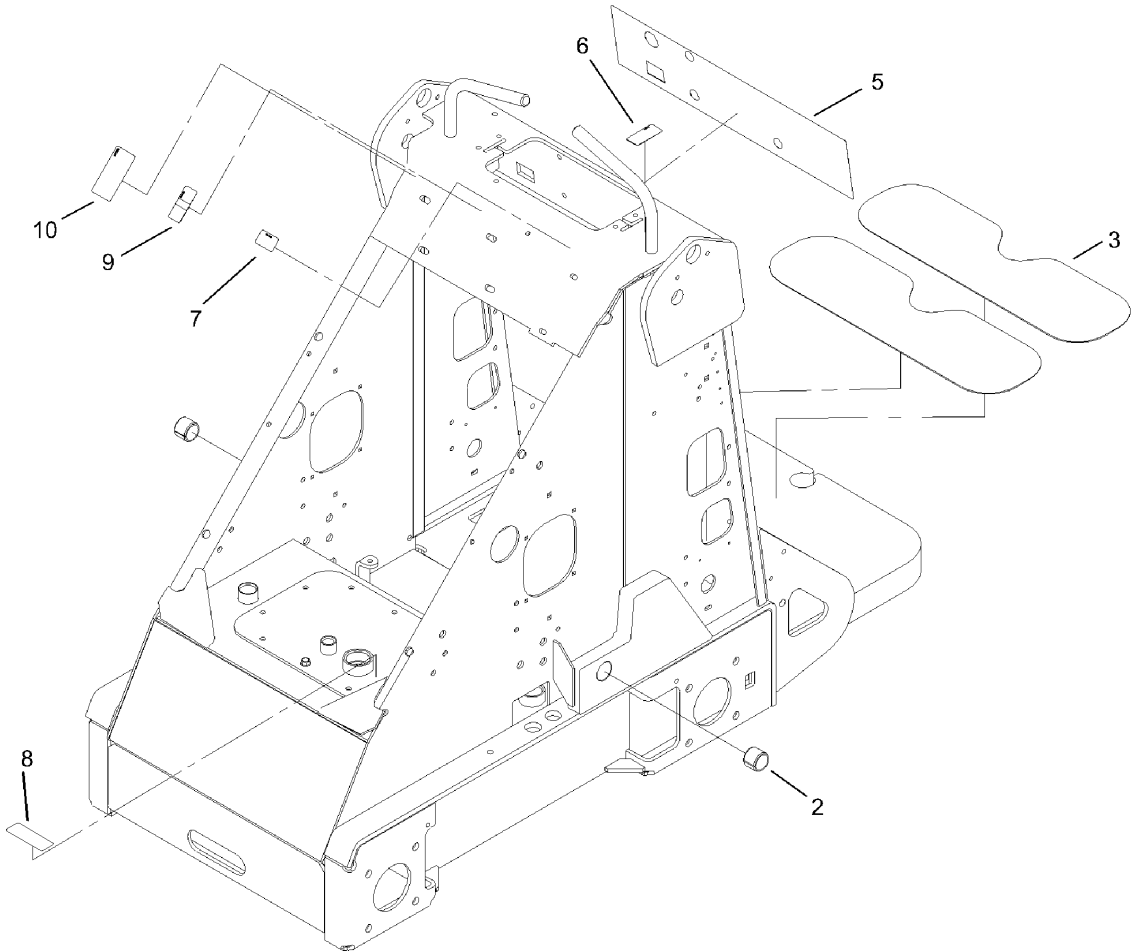
Description	Page	Description	Page
Frame and Loader Arm Assembly	 3	Crankcase Assembly Kohler CH23S-76549	 26
Frame Assembly No. 105-8375	 4	Oil Pan/Lubrication Assembly Kohler CH23S-76549	 27
Hood and Screen Assembly	 5	Head/Valve/Breather Assembly Kohler CH23S-76549	 28
Wheel and Motor Assembly	 6	Ignition/Electrical Assembly Kohler CH23S-76549	 29
Hydraulic Motor Assembly No. 99-3052	 7	Blower Housing Assembly Kohler CH23S-76549	 30
Engine and Pump Assembly	 8	Starter Assembly Kohler CH23S-76549	 31
Fuel Tank and Air Filter Assembly	 9	Fuel System Assembly Kohler CH23S-76549	 32
Air Cleaner Assembly No. 99-3160	 10	Engine Control Assembly Kohler CH23S-76549	 33
Hydraulic Tank and Filter Assembly	 11	Air Intake/Filtration Assembly Kohler CH23S-76549	 34
Auxiliary Control Lever Assembly	 12	Exhaust Assembly Kohler CH23S-76549	 35
Hydraulic Valve Assembly	 13		
Hydraulic Auxiliary Valve Assembly No. 99-3077	 14		
Hydraulic Valve Kit Assembly No. 104-4221	 15		
Hydraulic Selector Valve Assembly No. 99-3072	 16		
4-Spool Valve Assembly	 17		
4-Spool Hydraulic Valve Assembly No. 99-3070	 18		
Hydraulic Motor Assembly	 19		
Counterbalance Valve Assembly No. 99-3040	 20		
Hydraulic Cylinder Installation Assembly	 21		
Hydraulic Cylinder Kit Assembly No. 100-4163	 22		
Electrical Component Assembly	 23		
Thigh Support Assembly	 24		
Crankshaft Assembly Kohler CH23S-76549	 25		



Frame and Loader Arm Assembly

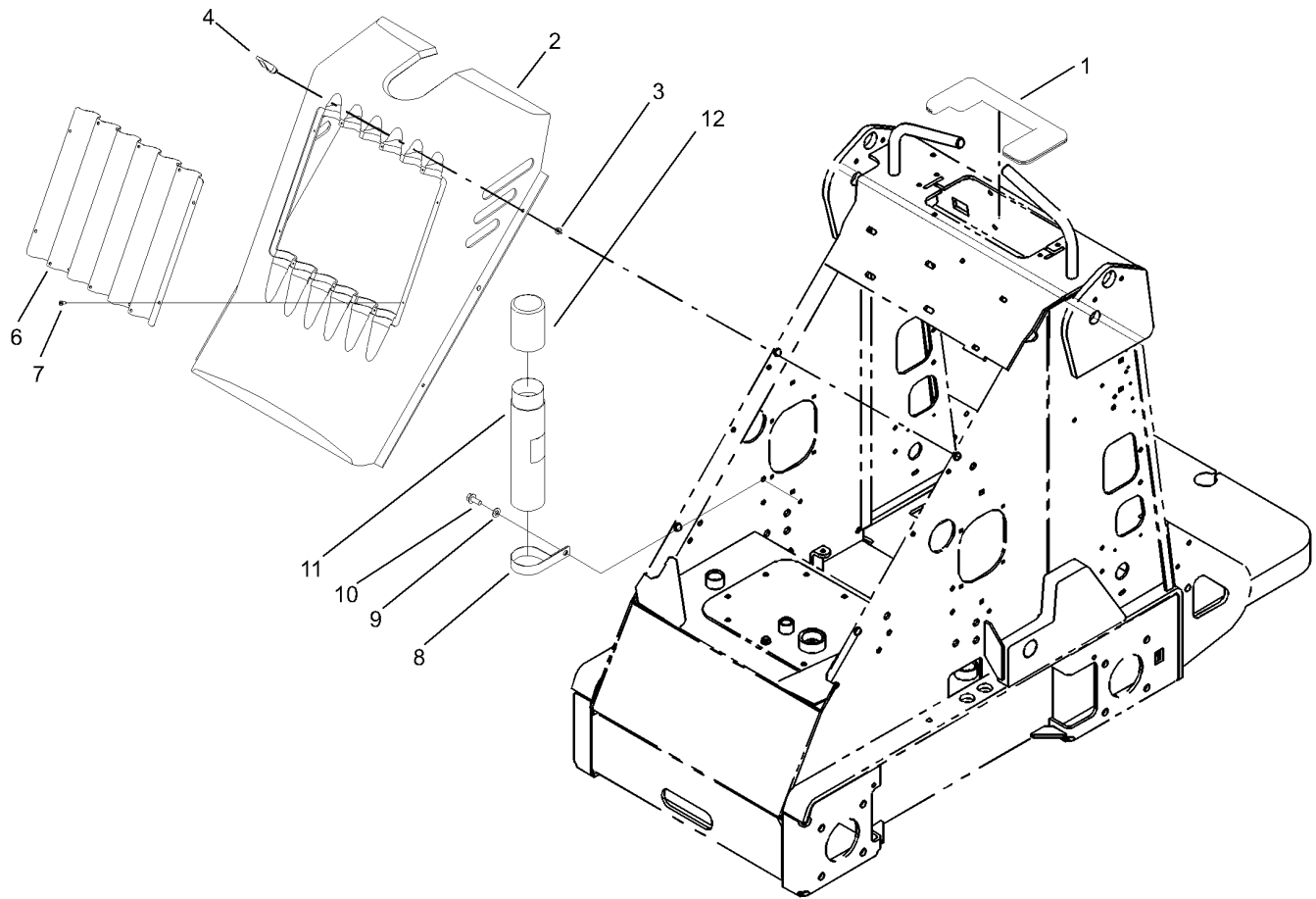
Ref	Part No.	Qty.	Description
1	32144-70	4	Screw-HH
2	99-3020-01	2	Cover-Hose
3	105-8375	1	Frame ASM
4	106-8155	1	Loader And Decal ASM
4:2	98-4871	7	Bushing-Tension
4:3	98-4682	1	Decal-Caution
4:4	98-9051	1	Decal-Danger
4:5	100-6141	4	Decal-Pinch
5	302-5	4	Fitting-Grease
6	99-5105	4	Bolt-Shoulder
7	99-1414	4	Pin-Pivot
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-Dingo 323

Ref	Part No.	Qty.	Description
18	93-7340	2	Decal-Logo
19	62-5550	1	Decal-Logo
23	105-8429	2	Decal-4 Paw
30	94-2551	1	Decal-Choke
33	93-9084	6	Decal-Point, Lift



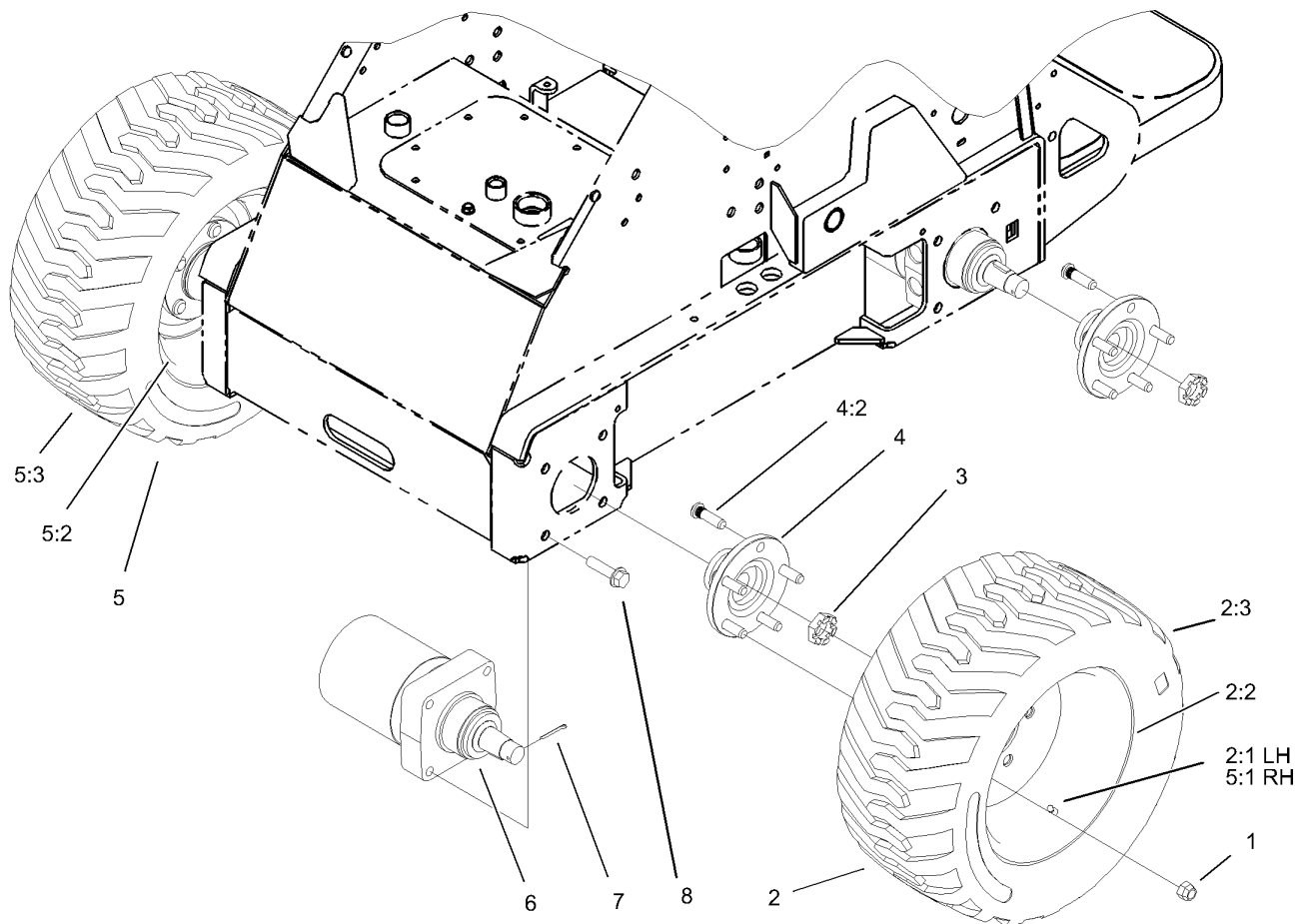
Frame Assembly No. 105-8375

Ref	Part No.	Qty.	Description				
2	98-4871	2	Bushing-Tension				
3	98-9947	2	Tread-Foot				
5	99-3157	1	Decal-Panel, Control				
6	98-8219	1	Decal-Throttle				
7	98-8220	1	Decal-Limiter, Speed				
8	105-8432	1	Decal-Oil, Hydraulic				
9	98-8235	1	Decal-Selector				
10	98-4677	1	Decal-Power, Auxiliary				



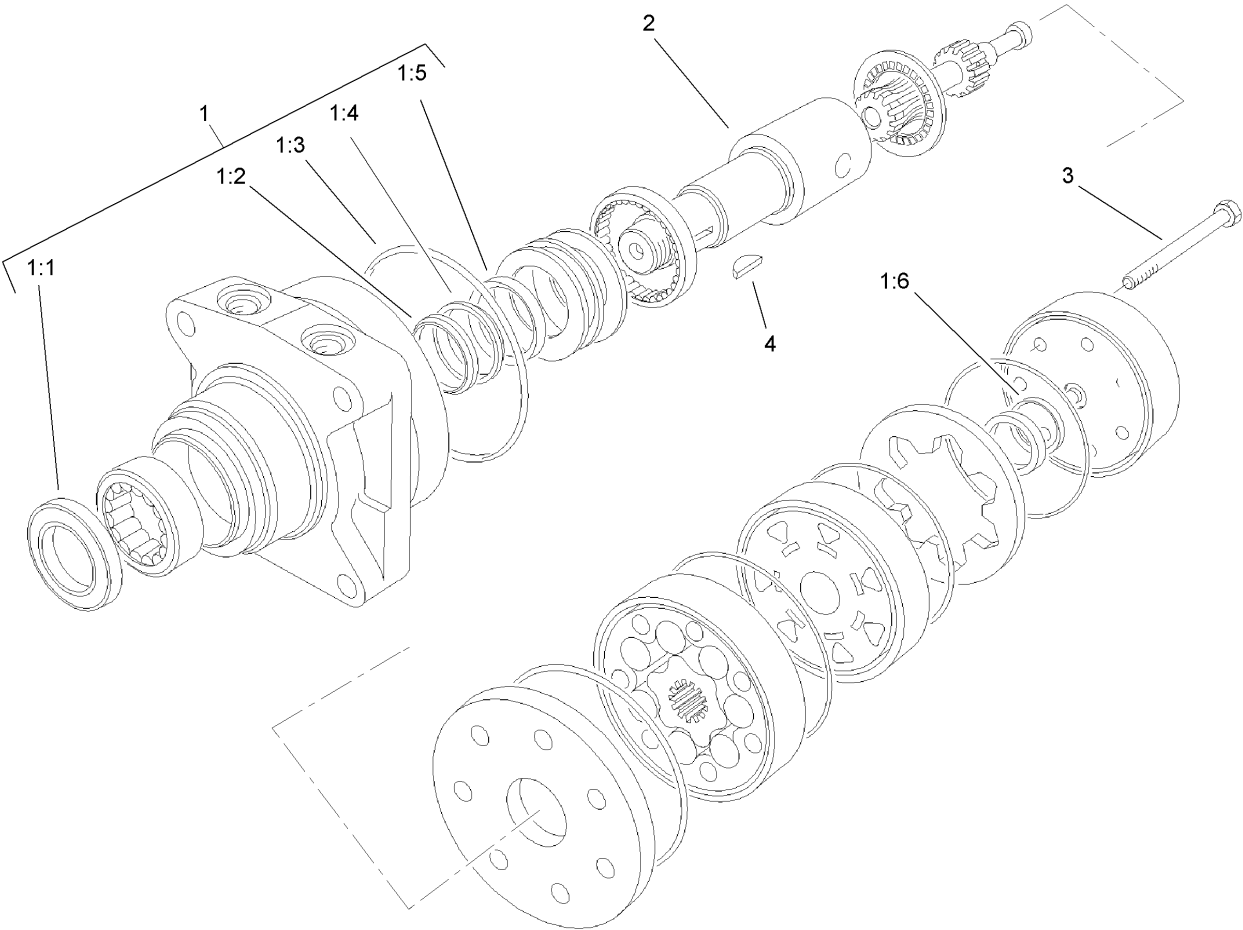
Hood and Screen Assembly

Ref	Part No.	Qty.	Description				
1	99-3155	1	Cover-Valve				
2	99-3164	1	Cover-Hood				
3	99-3058	4	Washer				
4	74-5950	4	Latch-Swell				
6	99-3147-03	1	Grille-Screen				
7	32144-111	10	Screw-PPH				
8	2412-133	1	R-Clamp				
9	3256-23	1	Washer-Flat				
10	32144-70	1	Screw-HH				
11	104-7050	1	Housing-Manual				
12	104-7048	1	Cap-Housing				



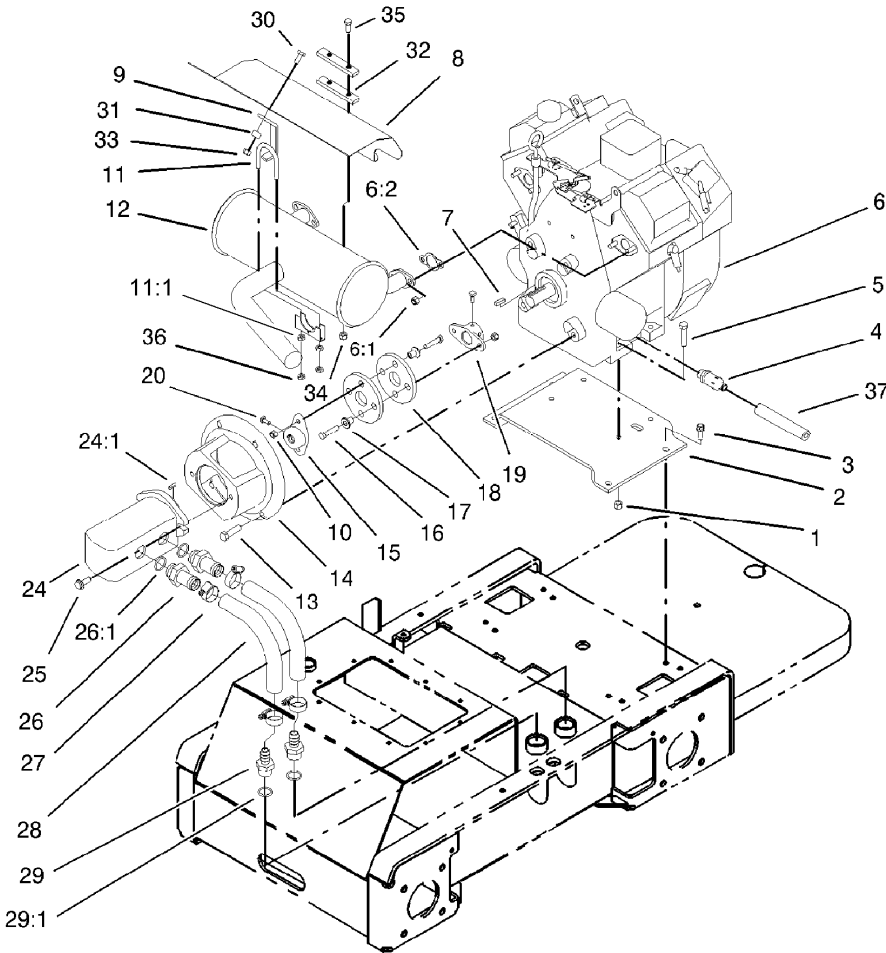
Wheel and Motor Assembly

Ref	Part No.	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-Loader Style				
3	99-3139	4	Nut				
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-Loader Style				
6	99-3052	4	Hydraulic Motor ASM				
7	99-3171	4	Pin-Cotter				
8	3234-27	16	Screw-Flange				



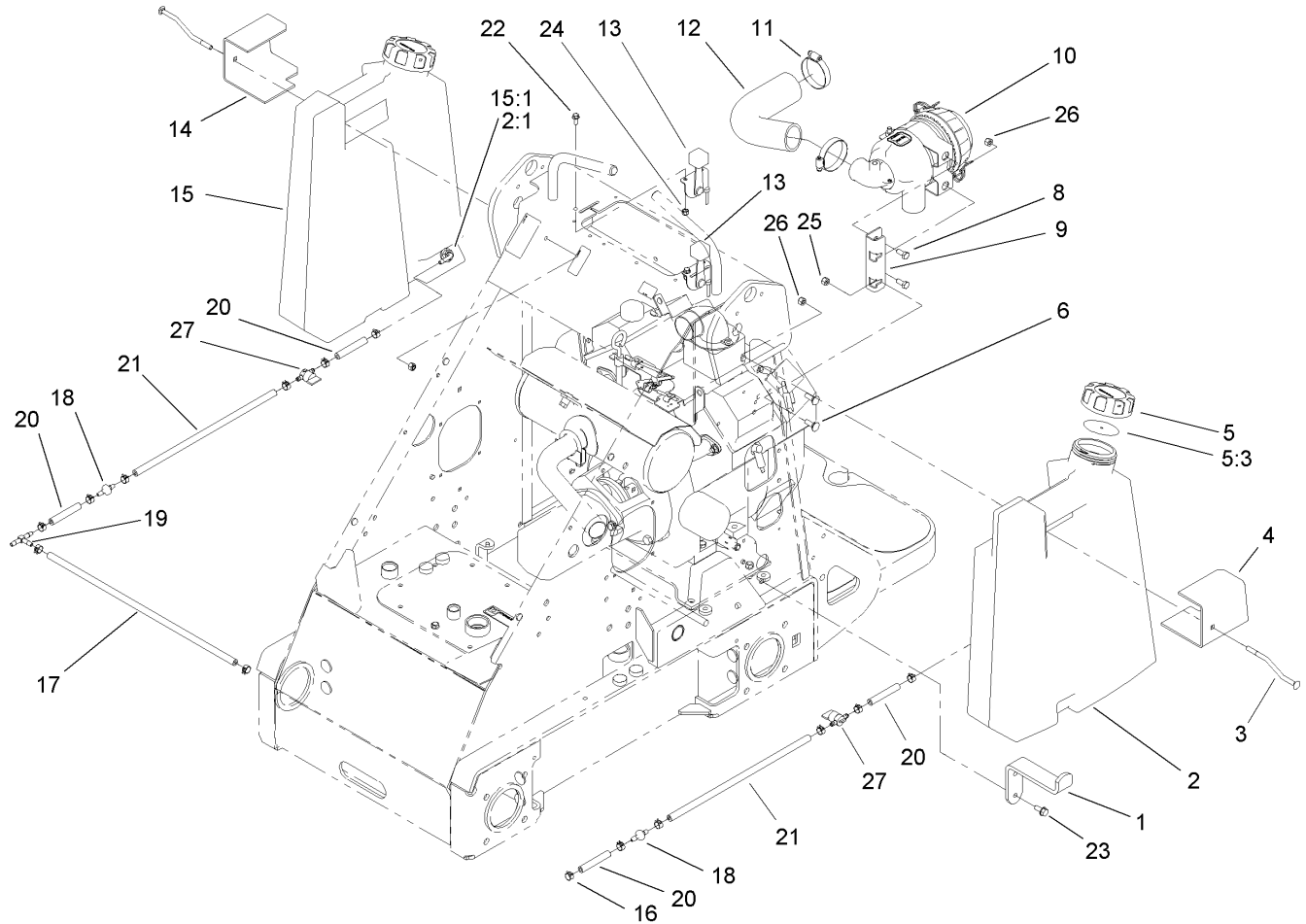
Hydraulic Motor Assembly No. 99-3052

Ref	Part No.	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				



Engine and Pump Assembly

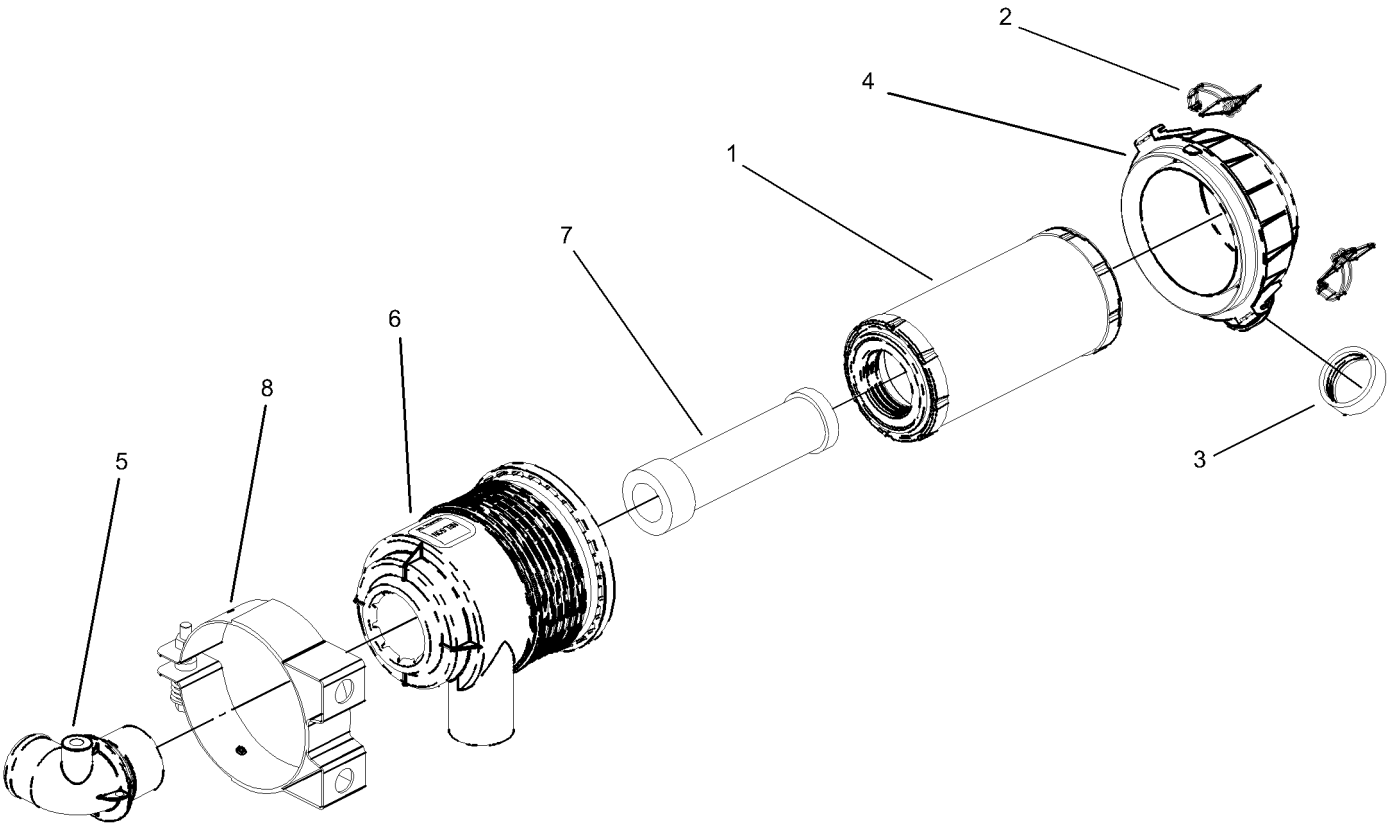
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	3296-39	4	Nut-Lock, NI	24:1	98-4700	1	Key-Square
2	98-4666-03	1	Mount-Engine	24:2	99-1353	1	Kit-Seal
3	95-1726	4	Screw-Taptite	25	66-9300	2	Screw-HF
4	92-6877	1	Valve-Drain, Oil	26	99-3017	2	Fitting
5	323-9	4	Screw-HH	26:1	237-81	1	O-Ring
6		1	Engine-Kohler, Ch23s-76549	27	2412-111	4	Clamp
6:1	92-6780	4	Nut-HF	28	99-3046	2	Hose-Suction, Formed
6:2	93-0350	2	Gasket-Exhaust	29	354-78	2	Connector-Hose
7	10-7070	1	Key-Square	29:1	237-146	1	O-Ring
8	99-3115-03	1	Shield-Muffler	30	322-6	1	Screw-HH
9	99-3138	1	Support-Shield	31	98-4695	1	Spacer
10	3296-29	4	Nut-Lock, NI	32	99-3116-03	2	Spacer-Bar
11	2112-9	1	Clamp	33	3296-29	1	Nut-Lock, NI
11:1	32128-20	2	Nut-HF	34	32152-4	2	Nut-Hex
12	105-8381	1	Muffler	35	3234-21	2	Screw-Cap
13	324-6	4	Screw-HH	36	3218-2	2	Nut-Jam
14	98-2751-03	1	Mount-Pump	37	98-4667	1	Hose-Drain, Oil
15	98-4701	1	Hub-Pump				
16	322-7	4	Screw-HH				
17	71-4411	4	Spacer				
18	44-2230	2	Coupling-Rubber				
19	27-1960	1	Hub-Engine				
20	3241-6	4	Screw-SQH				
24	98-4702	1	Pump-Gear, Tandem				



Fuel Tank and Air Filter Assembly

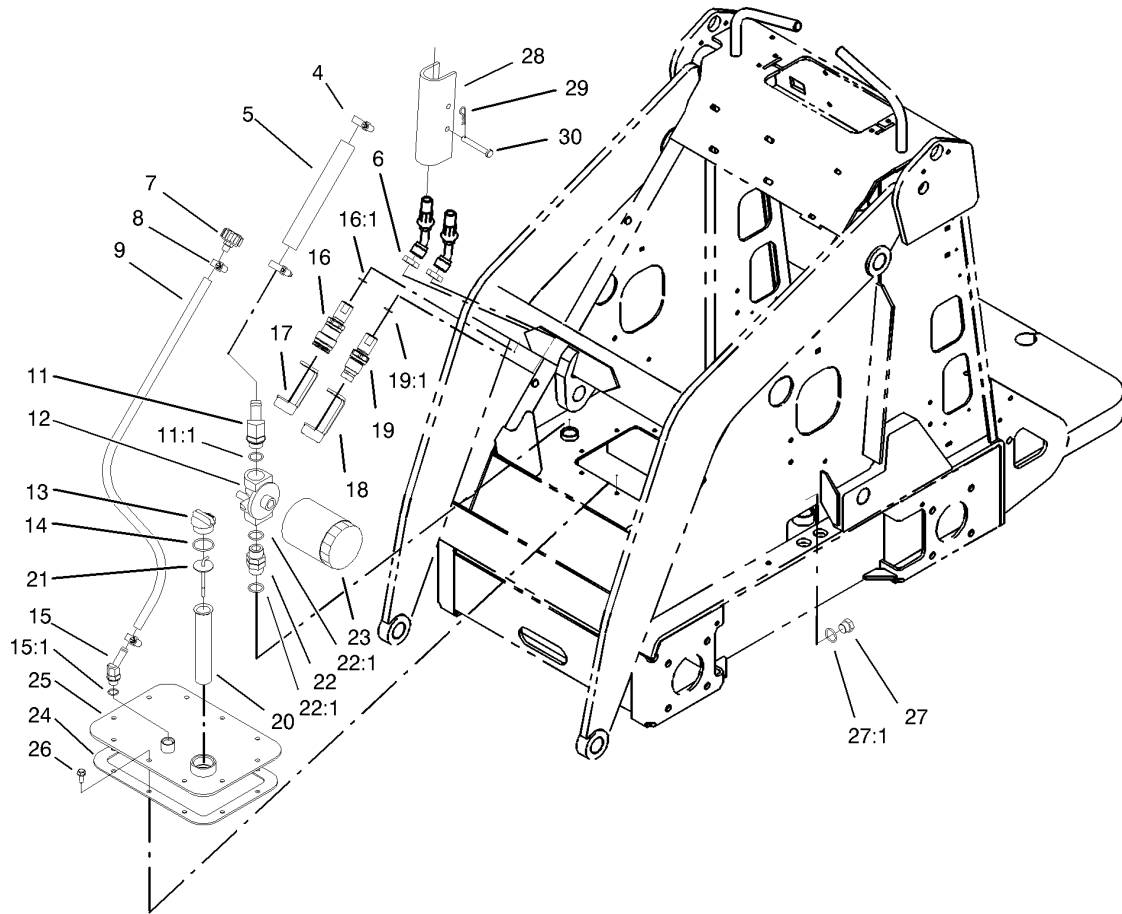
Ref	Part No.	Qty.	Description
1	98-4656-03	2	Mount-Bottom, Tank
2	105-8439	1	LH Fuel Tank ASM
2:1	103-2605	1	Fitting-Fuel, Bulkhead
3	98-4657	2	Bolt-Mount
4	99-1444-03	1	Plate-Mount, Left
5	104-7418	2	Cap-Fuel, Gas
5:3	104-7420	1	Gasket-Vented
6	3230-2	2	Bolt-CARR
8	322-3	2	Screw-HH
9	99-3080-03	1	Mount-Cleaner, 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
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	14	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

Ref	Part No.	Qty.	Description
23	32144-70	4	Screw-HH
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



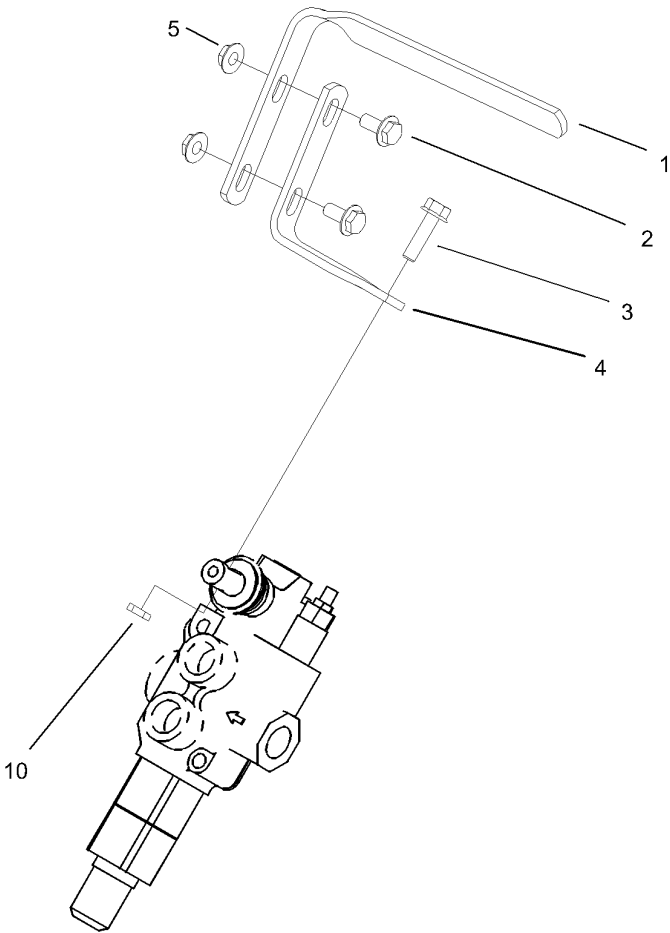
Air Cleaner Assembly No. 99-3160

Ref	Part No.	Qty.	Description				
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				



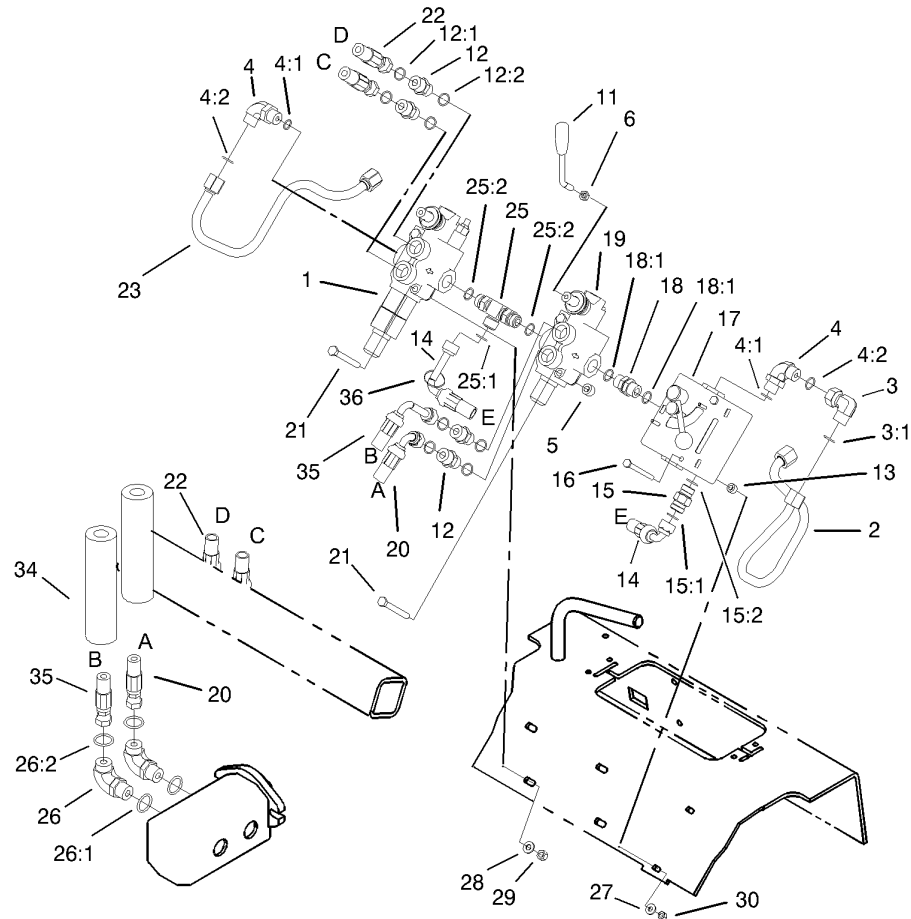
Hydraulic Tank and Filter Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
4	2412-129	2	Clamp-Hose	22:1	237-81	2	O-Ring
5	98-2713	1	Hose-Suction, HYD	23	54-0110	1	Filter-Oil, Transmission
6	340-74	2	Locknut-Bulkhead	24	98-9927	1	Gasket-Cover
7	68-6150	1	Breather	25	100-1713-01	1	Cover ASM
8	2412-36	2	Clamp-Hose	26	98-9940	10	Screw
9	98-2708	1	Hose-Vent	27	353-988	1	Plug-Hex, Hollow
11	354-127	1	Elbow-45 DEG	27:1	237-79	1	O-Ring
11:1	237-81	1	O-Ring	28	98-4675-01	2	Lock-Cylinder
12	92-5821	1	Filter Head ASM	29	3290-467	2	Pin-Hair
13	93-7498	1	Plug-Plastic	30	283-52	2	Pin-Clevis
14	237-123	1	O-Ring				
15	354-126	1	Fitting-Hyd, 45 DEG				
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				
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				



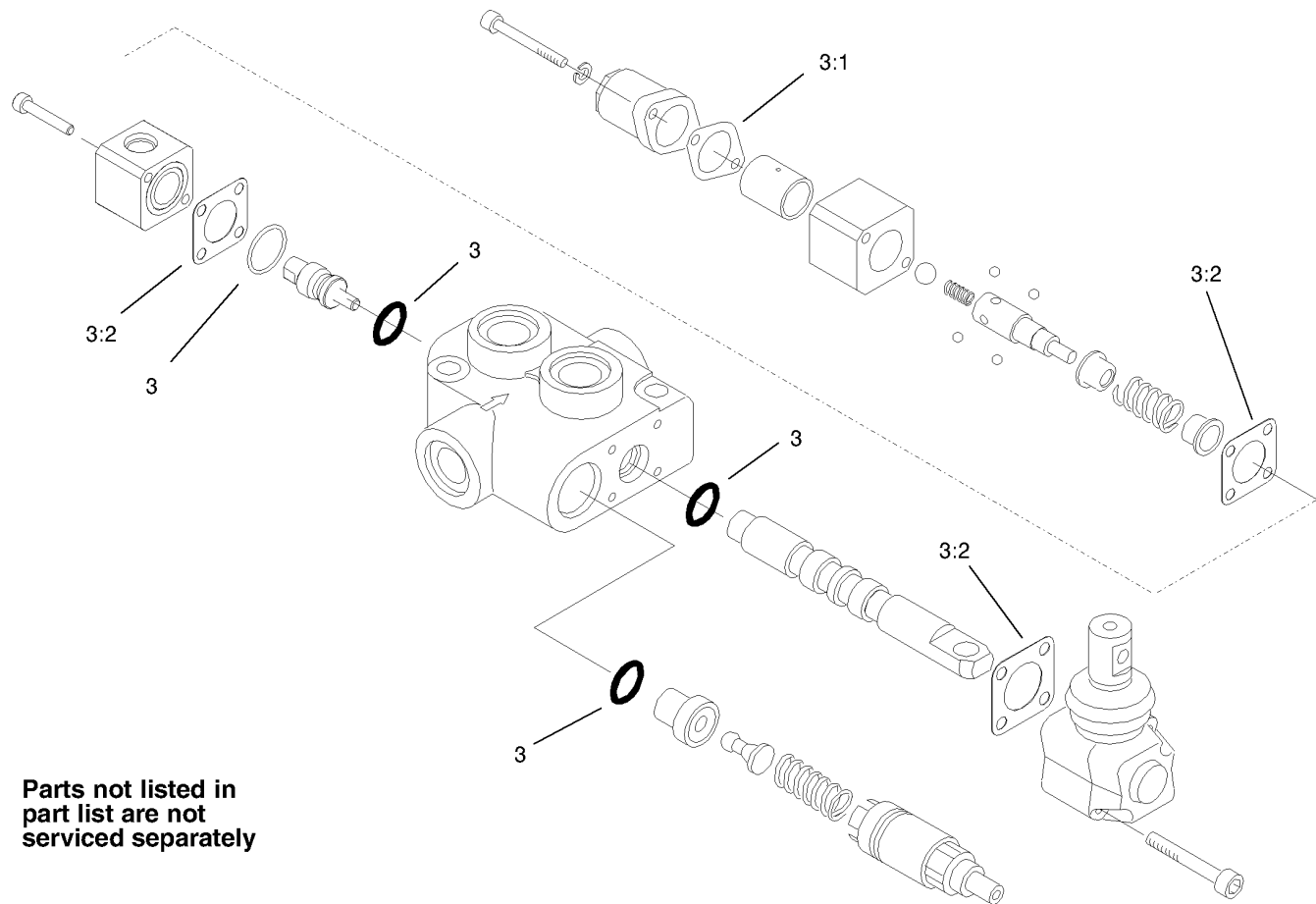
Auxiliary Control Lever Assembly

Ref	Part No.	Qty.	Description				
1	98-9090	1	Grip-Control				
2	3234-5	2	Screw				
3	33104-030	1	Screw-HHF				
4	99-1376	1	Mount-Control				
5	32128-44	2	Nut				
10	42-9580	1	Nut-Hex				
PROTOTYPE							



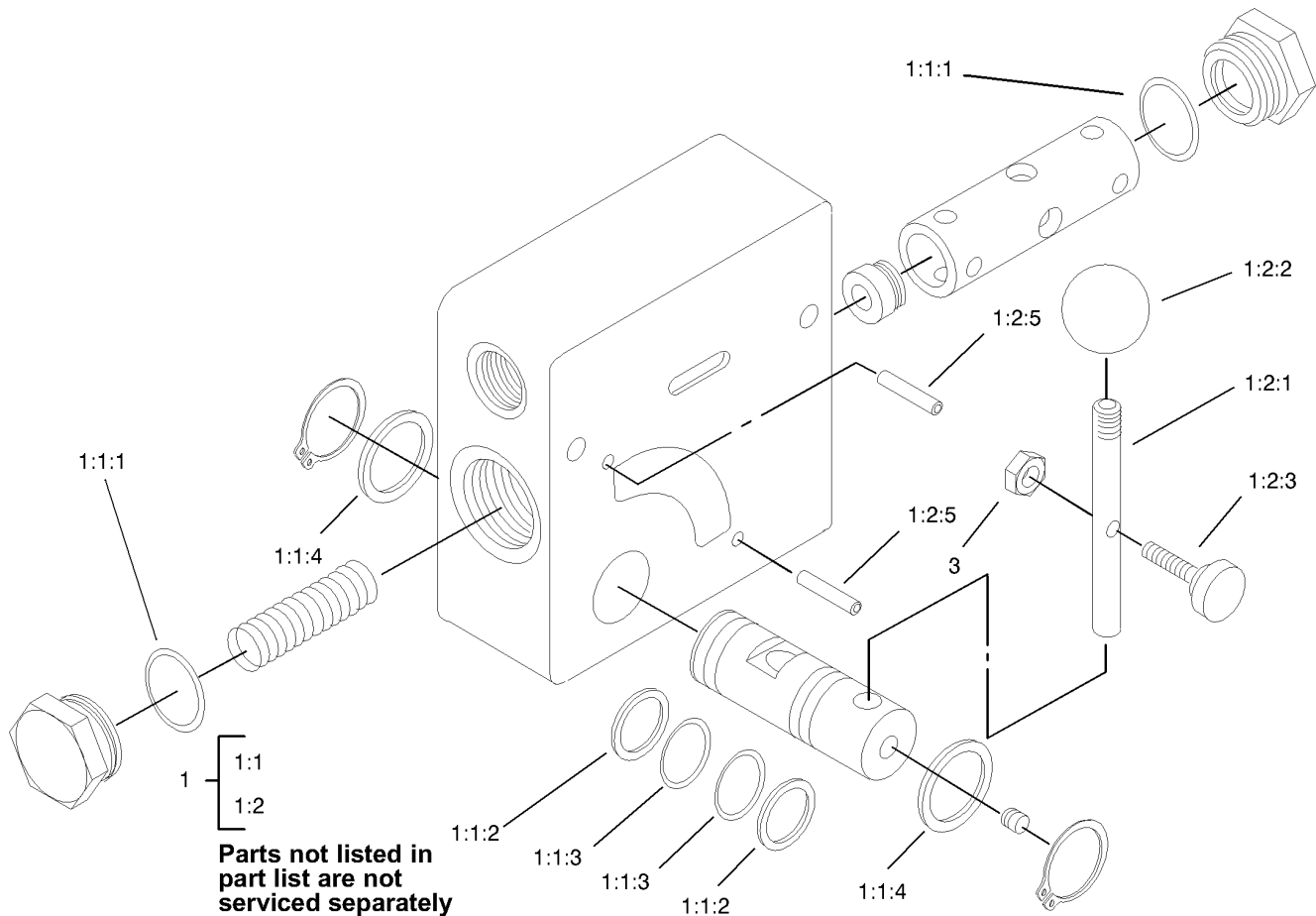
Hydraulic Valve Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	99-3077	1	Valve-Hyd, Auxiliary	21	322-13	4	Screw-HH
2	99-3030	1	HYD Tube ASM	22	100-8817	2	HYD Hose ASM
3	94-6031	1	Fitting-HYD	23	98-4724	1	HYD Tube ASM
3:1	237-30	1	O-Ring	25	98-9079	1	Adapter-Tee, Adjustable
4	340-98	2	Fitting-Hyd, 90 DEG	25:1	237-30	1	O-Ring
4:1	237-79	1	O-Ring	25:2	237-79	2	O-Ring
4:2	237-30	1	O-Ring	26	340-105	2	Fitting-Hyd, 90 DEG
5	98-4695	4	Spacer	26:1	237-80	1	O-Ring
6	42-9580	1	Nut-Hex	26:2	237-30	1	O-Ring
11	98-4729	1	Lever-Valve	27	3256-22	2	Washer-Flat
12	340-4	4	Fitting-Hyd, Sraight	28	3256-23	4	Washer-Flat
12:1	237-30	1	O-Ring	29	3296-29	4	Nut-Lock, NI
12:2	237-79	1	O-Ring	30	3296-42	2	Nut-Lock, NI
13	98-4799	2	Tube-Spacer	34	100-8818	2	Sleeve-Guard, Hose
14	98-4744	1	Hose ASM	35	99-3008	1	HYD Hose ASM
15	98-4735	1	Valve-Check, HYD	36	3290-379	9	Tie-Cable
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				
18:1	237-79	2	O-Ring				
19	99-3072	1	Valve-Selector				
20	98-4747	1	HYD Hose ASM				



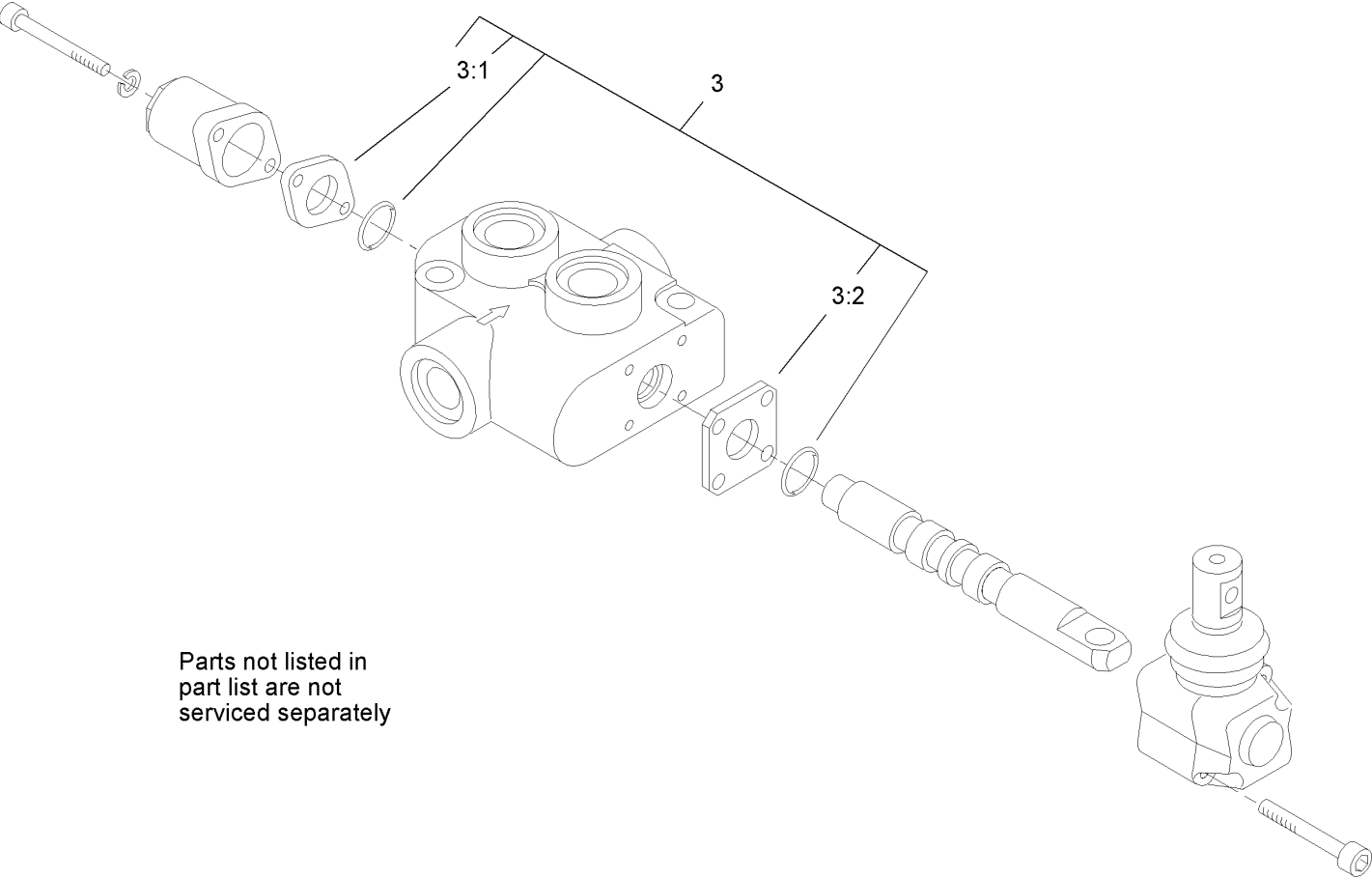
Hydraulic Auxiliary Valve Assembly No. 99-3077

Ref	Part No.	Qty.	Description				
3	99-4391	1	Seal Kit				
3:1	99-3074	1	Gasket				
3:2	99-3075	3	Gasket				
PROTOTYPE							



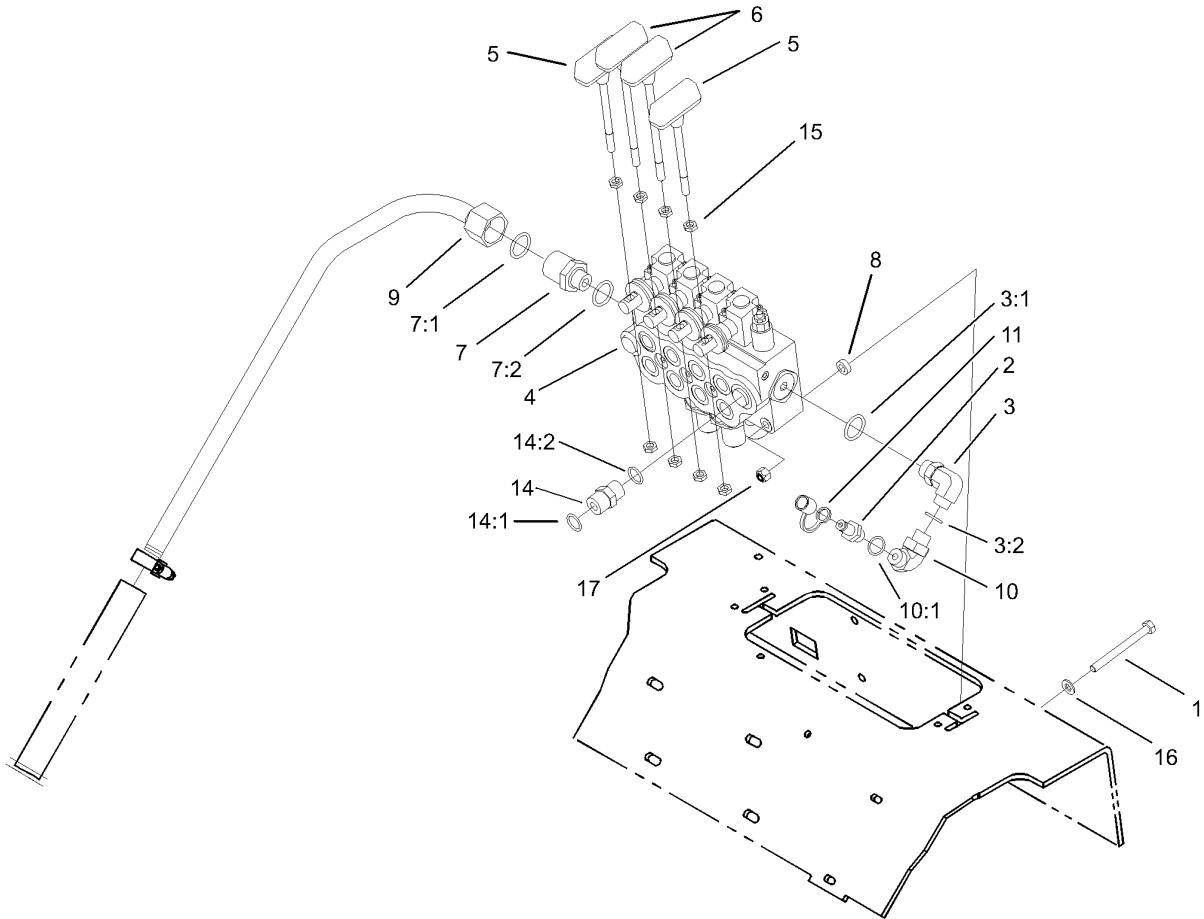
Hydraulic Valve Kit Assembly No. 104-4221

Ref	Part No.	Qty.	Description				
1	104-4231	1	Valve-Flow, Hydraulic	PROTOTYPE			
1:1		1	Seal Kit				
1:1:1		2	O-Ring				
1:1:2		2	Back-Up				
1:1:3		2	O-Ring				
1:1:4	98-9098	2	Quad Ring				
1:2		1	Handle Hardware Kit				
1:2:1		1	Handle				
1:2:2		1	Knob				
1:2:3		1	Screw-Thumb				
1:2:5	3296-27	2	Pin-Roll				
3		1	Nut-Lock NI				



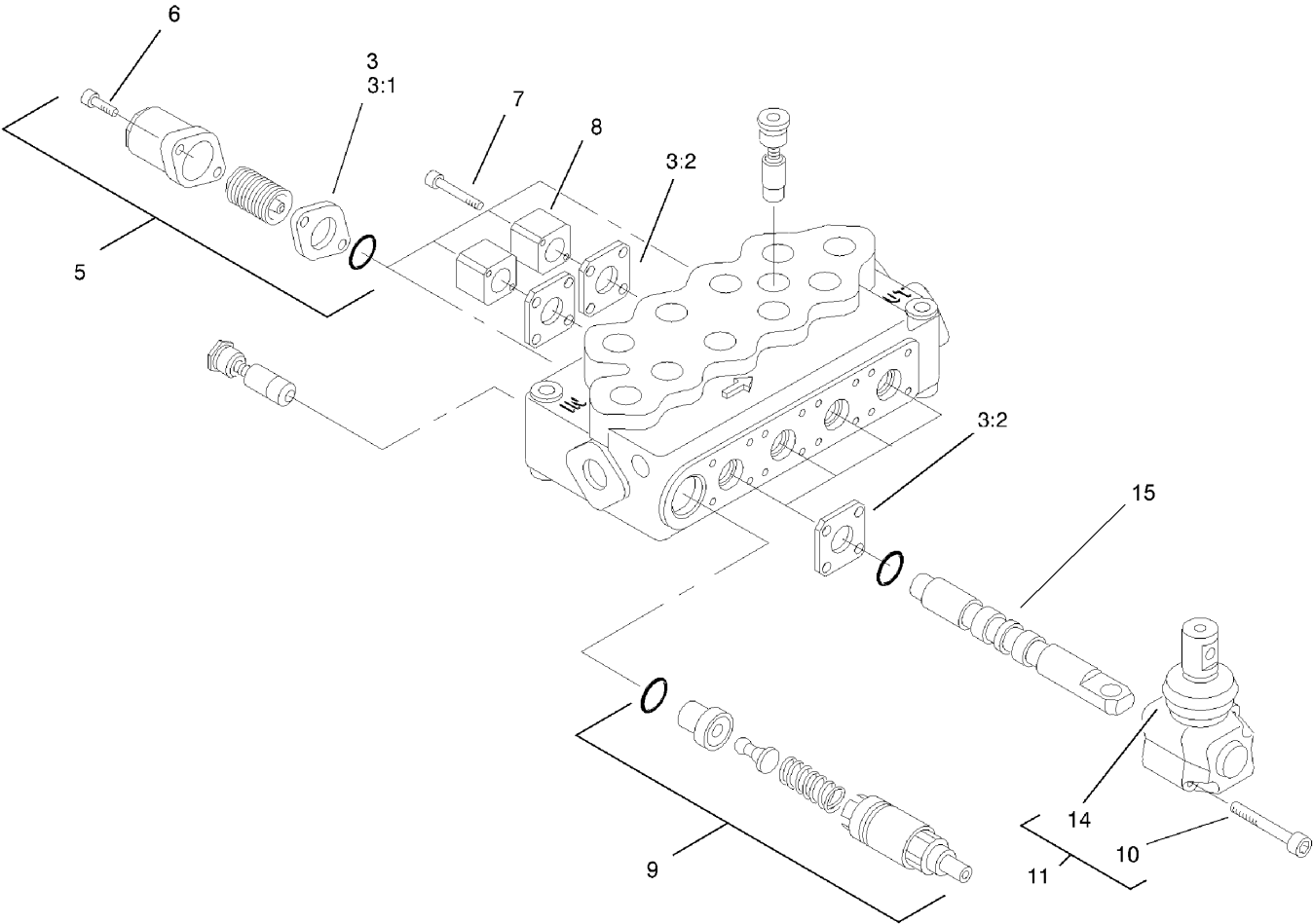
Hydraulic Selector Valve Assembly No. 99-3072

Ref	Part No.	Qty.	Description				
3	99-4391	1	Seal Kit				
3:1	99-3074	1	Gasket				
3:2	99-3075	3	Gasket				
PROTOTYPE							



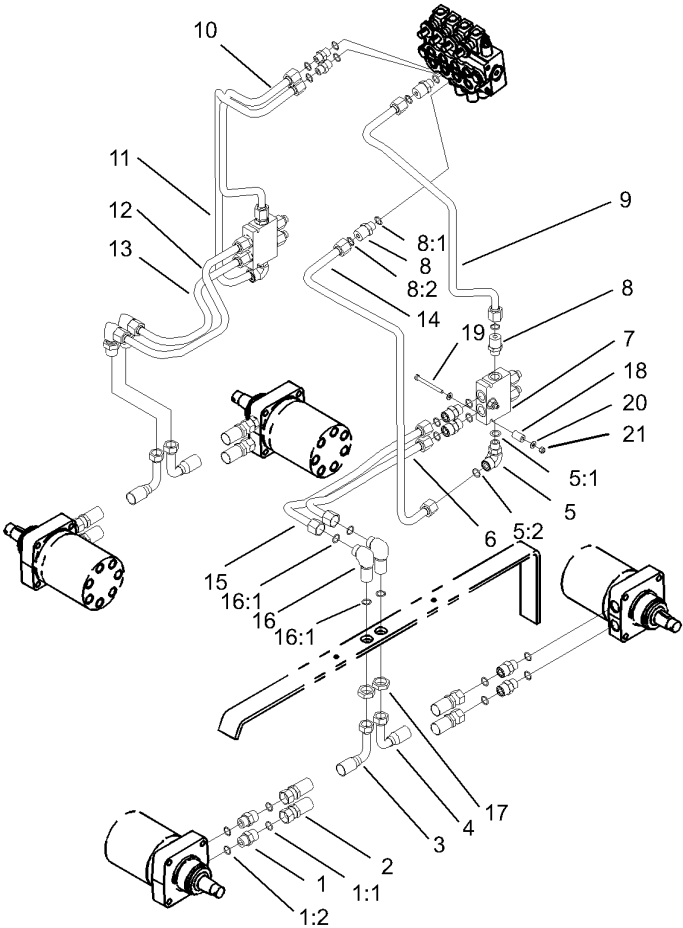
4-Spool Valve Assembly

Ref	Part No.	Qty.	Description				
1	322-20	3	Screw-HH				
2	86-5480	1	Nipple-Test				
3	340-18	1	Fitting-Hyd, 90 DEG				
3:1	237-79	1	O-Ring				
3:2	237-22	1	O-Ring				
4	99-3070	1	Valve-Hyd, 4-Spool				
5	98-4671	2	Cylinder Handle ASM				
6	98-4670	2	Drive Handle ASM				
7	98-9921	1	Fitting-Thread, Straight				
7:1	237-145	1	O-Ring				
7:2	237-79	1	O-Ring				
8	98-4695	3	Spacer				
9	99-3021	1	HYD Tube ASM				
10	340-159	1	Fitting-Hyd, 90 DEG				
10:1	237-22	2	O-Ring				
11	354-79	1	Cap-Dust				
14	340-4	2	Fitting-Hyd, Sraight				
14:1	237-30	1	O-Ring				
14:2	237-79	1	O-Ring				
15	42-9580	8	Nut-Hex				
16	3256-23	3	Washer-Flat				
17	3296-29	3	Nut-Lock, NI				



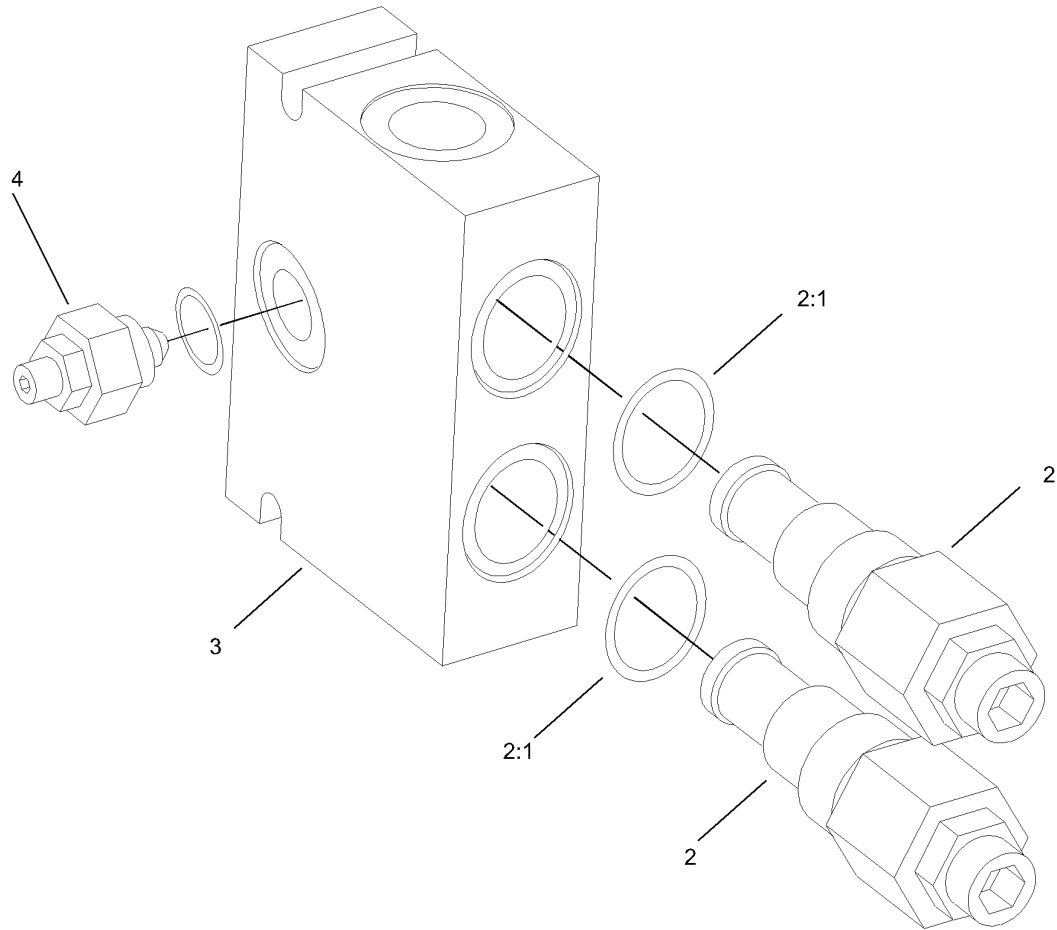
4-Spool Hydraulic Valve Assembly No. 99-3070

Ref	Part No.	Qty.	Description				
3	99-4390	1	Seal Kit				
3:1	99-3074	4	Gasket				
3:2	99-3075	8	Gasket				
5	100-8801	4	Kit-Spring, High Force				
6	100-8802	8	Screw-Cap, End				
7	100-8803	4	Screw				
8	100-8804	2	Block-Mount, Switch				
9	100-8805	1	Valve-Relief				
10	100-8806	8	Screw				
11	100-8807	4	Operator ASM				
14	100-8829	4	Boot				
15	105-8441	4	Spool-Valve				



Hydraulic Motor Assembly

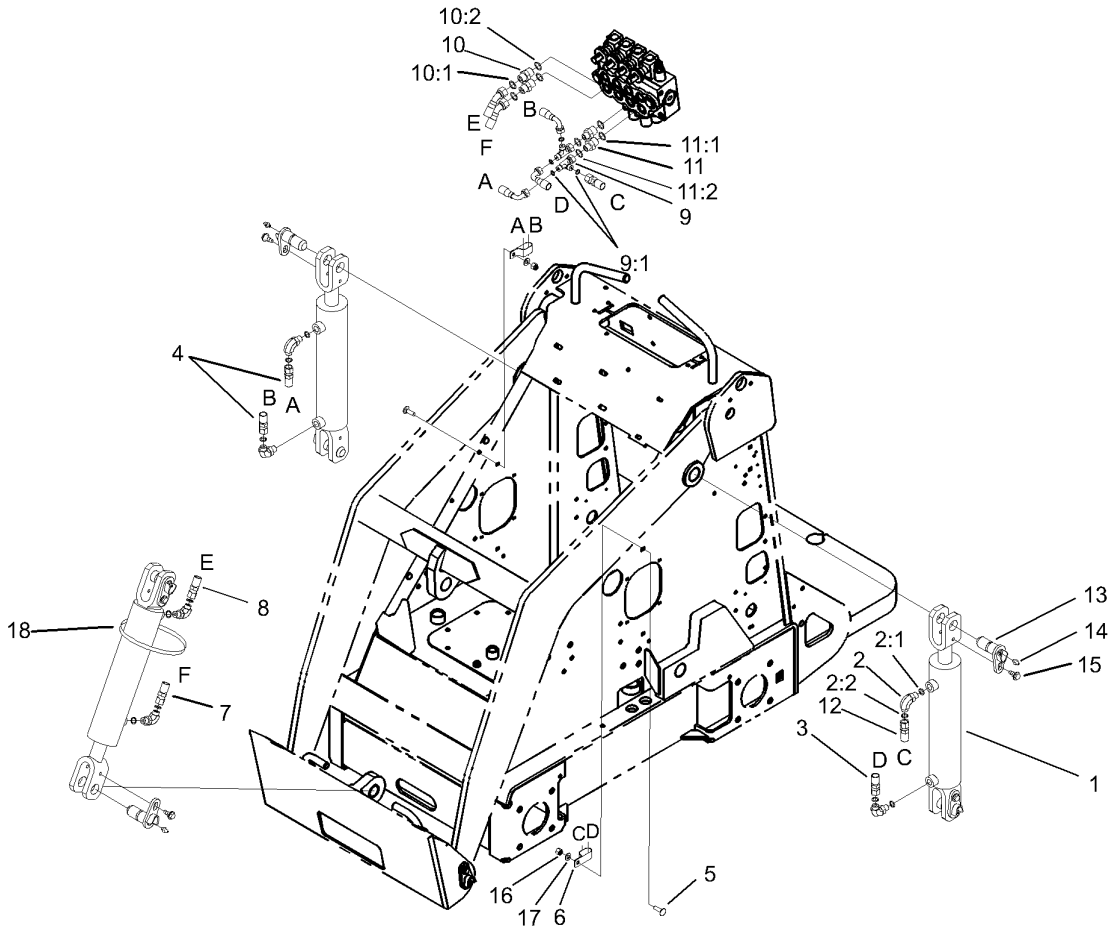
Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	340-7	8	Adapter	18	99-3057	2	Spacer-Valve
1:1	237-65	1	O-Ring	19	321-23	2	Screw-HH
1:2	237-80	1	O-Ring	20	3256-22	4	Washer-Flat
2	99-3012	2	HYD Hose ASM	21	3296-42	2	Nut-Lock, NI
3	99-3010	2	HYD Hose ASM				
4	99-3011	2	HYD Hose ASM				
5	340-153	2	Fitting-HYD				
5:1	237-79	1	O-Ring				
5:2	237-151	1	O-Ring				
6	99-3022	1	HYD Tube ASM				
7	99-3040	2	Valve-Counterbalance				
8	340-155	10	Fitting-Hyd, Straight				
8:1	237-79	1	O-Ring				
8:2	237-151	1	O-Ring				
9	99-3027	1	HYD Tube ASM				
10	99-3024	1	HYD Tube ASM				
11	99-3029	1	HYD Tube ASM				
12	99-3025	1	HYD Tube ASM				
13	99-3028	1	HYD Tube ASM				
14	99-3023	1	HYD Tube ASM				
15	99-3026	1	HYD Tube ASM				
16	340-72	4	Fitting-Hyd, Bulkhead, 90 DEG				
16:1	237-65	2	O-Ring				
17	340-74	4	Locknut-Bulkhead				



Counterbalance Valve Assembly No. 99-3040

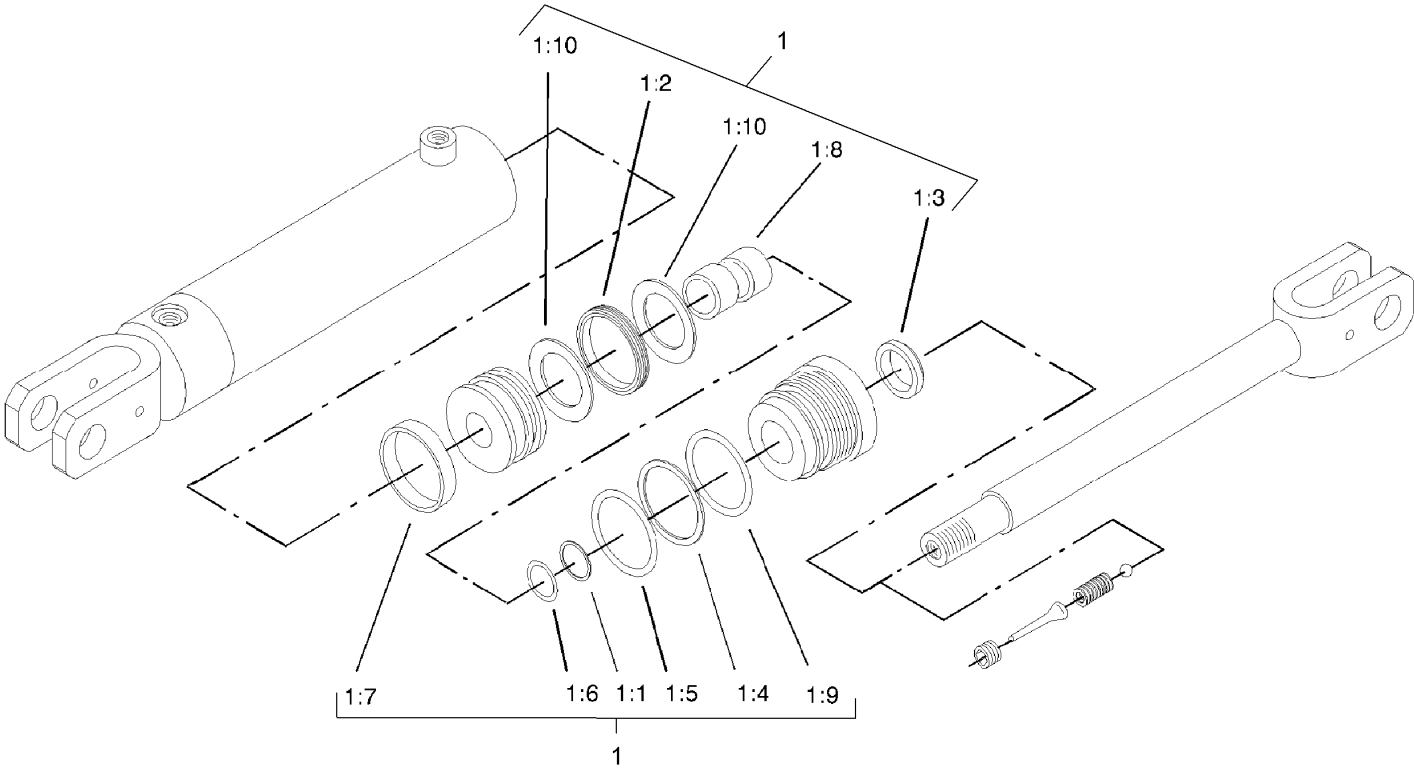
Ref	Part No.	Qty.	Description				
1	105-4099	1	Seal Kit				
2	99-3271	2	Valve-Cartridge				
2:1	98-2712	1	Seal Kit				
3	100-8864	1	Manifold ASM				
4	100-8865	1	Needle Valve ASM				

PROTOTYPE



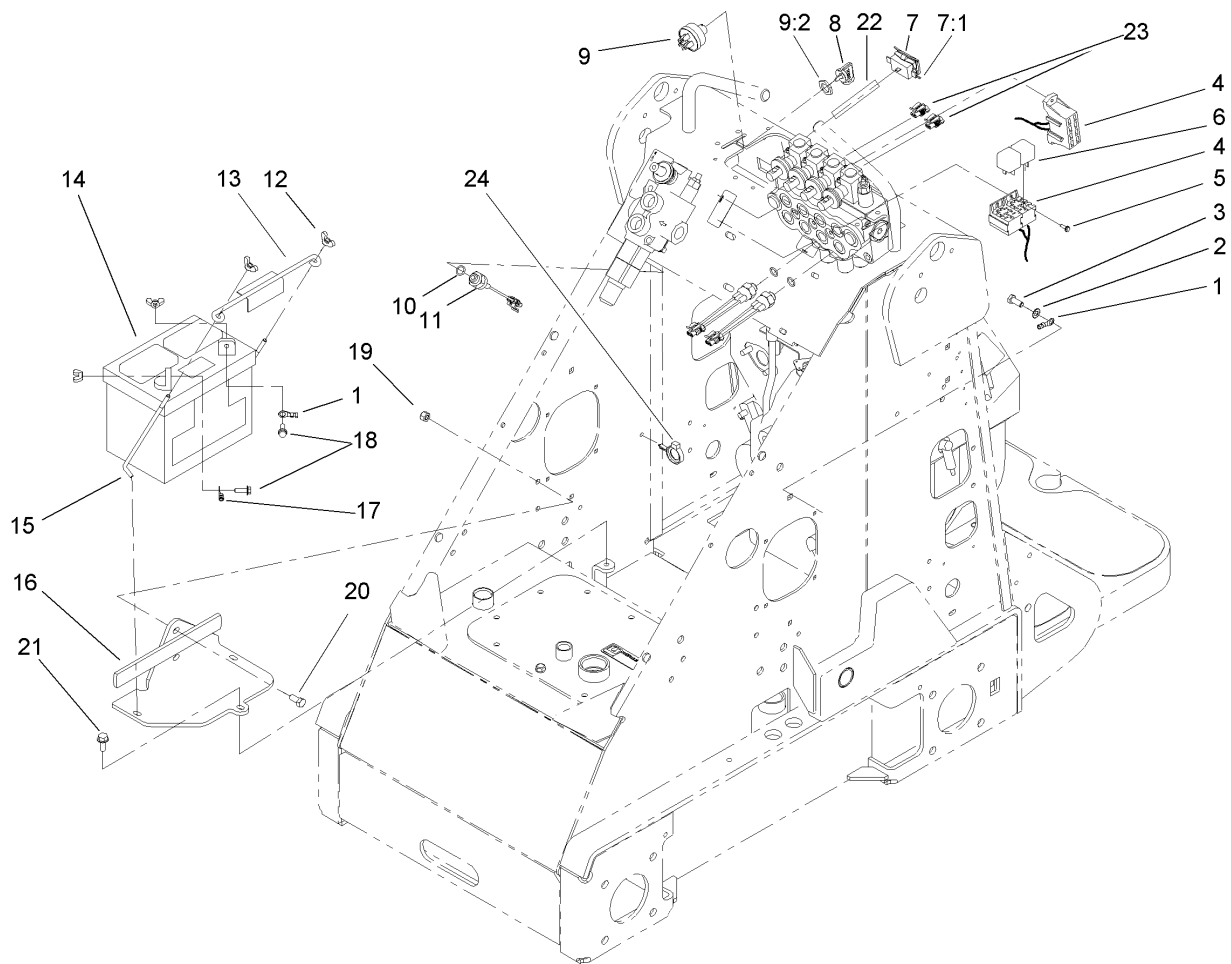
Hydraulic Cylinder Installation Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	100-4163	3	Cylinder Kit	18	3334-945	1	Tie-Cable
2	340-82	6	Adapter				
2:1	237-42	1	O-Ring				
2:2	237-21	1	O-Ring				
3	98-4748	1	HYD Hose ASM				
4	98-4725	2	HYD Hose ASM				
5	3230-2	2	Bolt-CARR				
6	2412-137	2	Clamp-Tube				
7	98-4726	1	Hose-HYD				
8	98-4727	1	Hose-HYD				
9	340-151	2	Fitting				
9:1	237-75	3	O-Ring				
10	340-3	2	Adapter				
10:1	237-22	1	O-Ring				
10:2	237-79	1	O-Ring				
11	340-133	2	Adapter				
11:1	237-79	1	O-Ring				
11:2	237-21	1	O-Ring				
12	99-3109	1	HYD Hose ASM				
13	99-1414	6	Pin-Pivot				
14	302-5	6	Fitting-Grease				
15	99-5105	6	Bolt-Shoulder				
16	3296-29	2	Nut-Lock, NI				
17	3256-23	2	Washer-Flat				



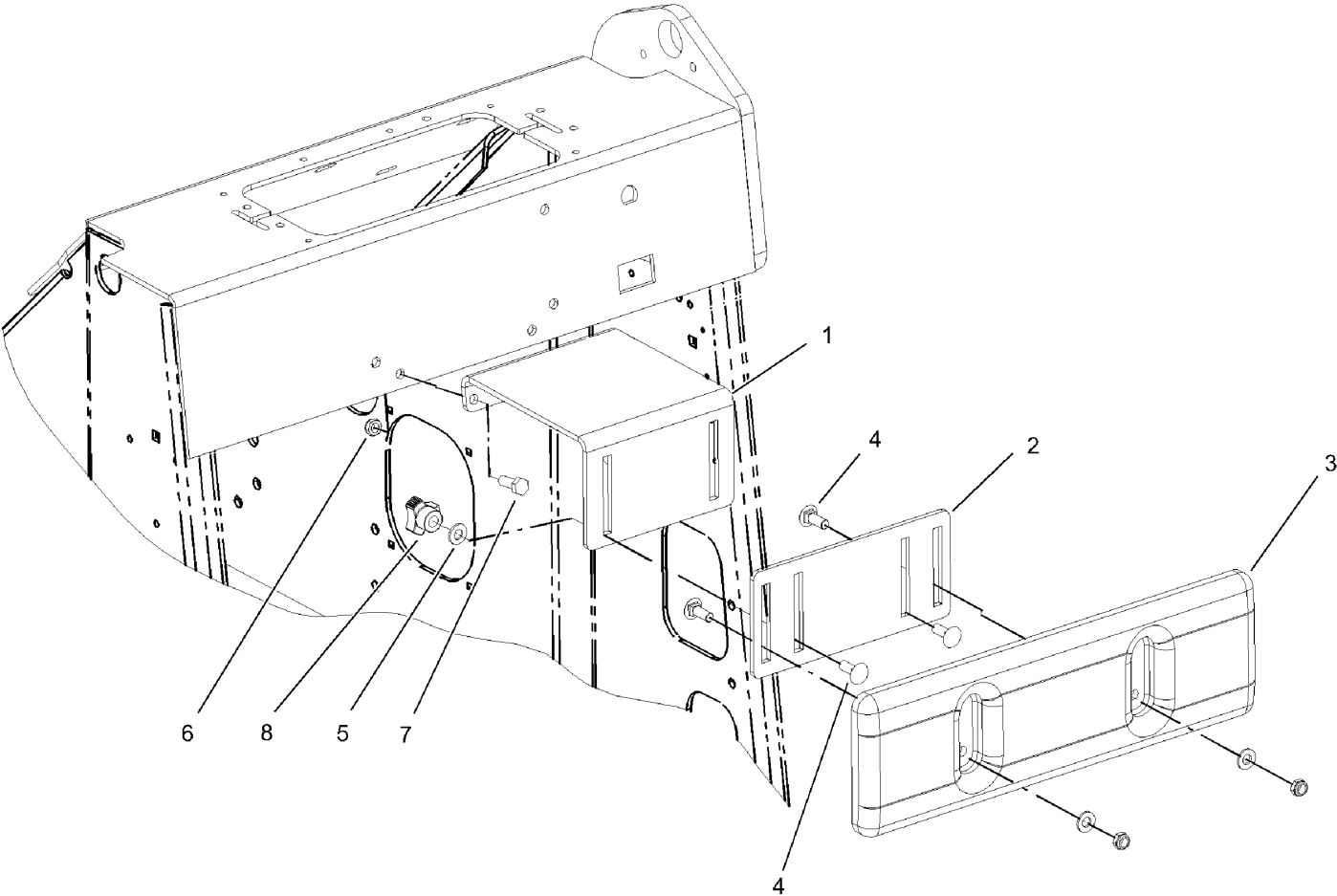
Hydraulic Cylinder Kit Assembly No. 100-4163

Ref	Part No.	Qty.	Description				
1	99-3065	1	Seal Kit				
2 1:1		2	Washer-Backup				
2 1:2		1	Seal				
2 1:3		1	Rod-Wiper				
2 1:4		1	Washer-Backup				
2 1:5		1	O-Ring				
2 1:6		1	Seal				
2 1:7		2	Ring-Wear				
2 1:8		1	Ring-Wear				
2 1:9		1	O-Ring				
2 1:10		1	Washer-Backup				



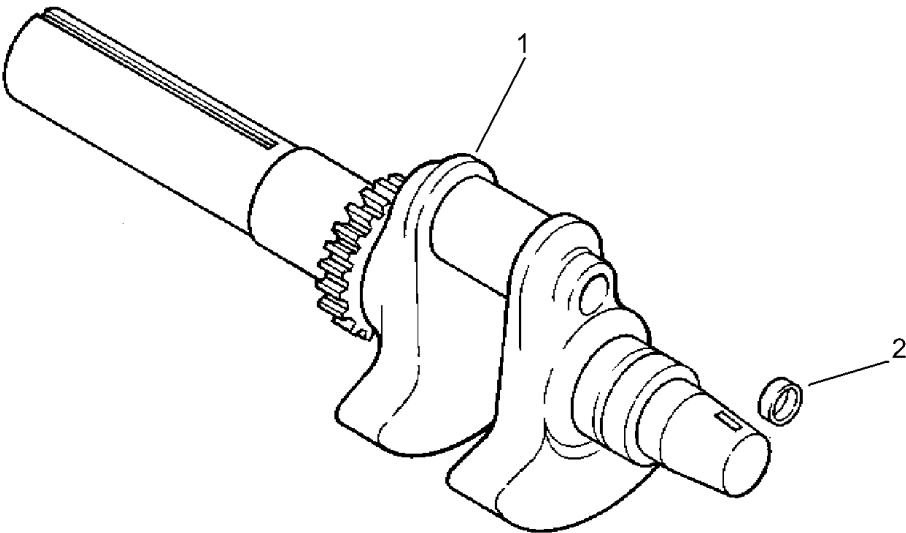
Electrical Component Assembly

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	111075	1	Wire ASM	23	99-1433	2	Connector-Female
2	3255-8	1	Washer-Lock	24	105-1853	1	Clamp-Hose
3	33114-020	3	Screw-HH	99	3290-381	5	Tie-Cable
4	104-7411	1	Harness-Wire				
5	32144-87	3	Screw-Forming, Thread				
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				
9:2	101884	1	Nut				
10	237-42	3	O-Ring				
11	72-4310	3	Switch-Ball				
12	32103-22	4	Nut-Wing				
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-HH				
22	104-7408	1	Wire-Hourmeter				



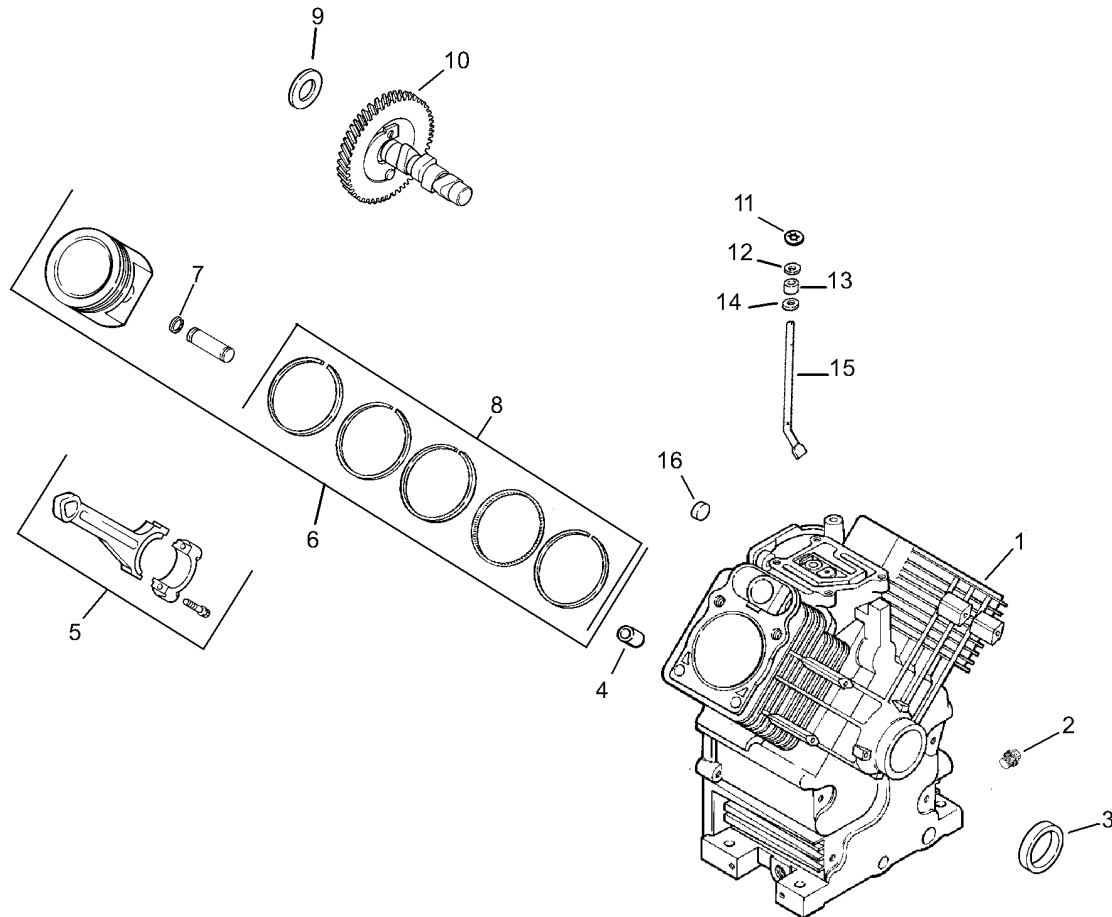
Thigh Support Assembly

Ref	Part No.	Qty.	Description				
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

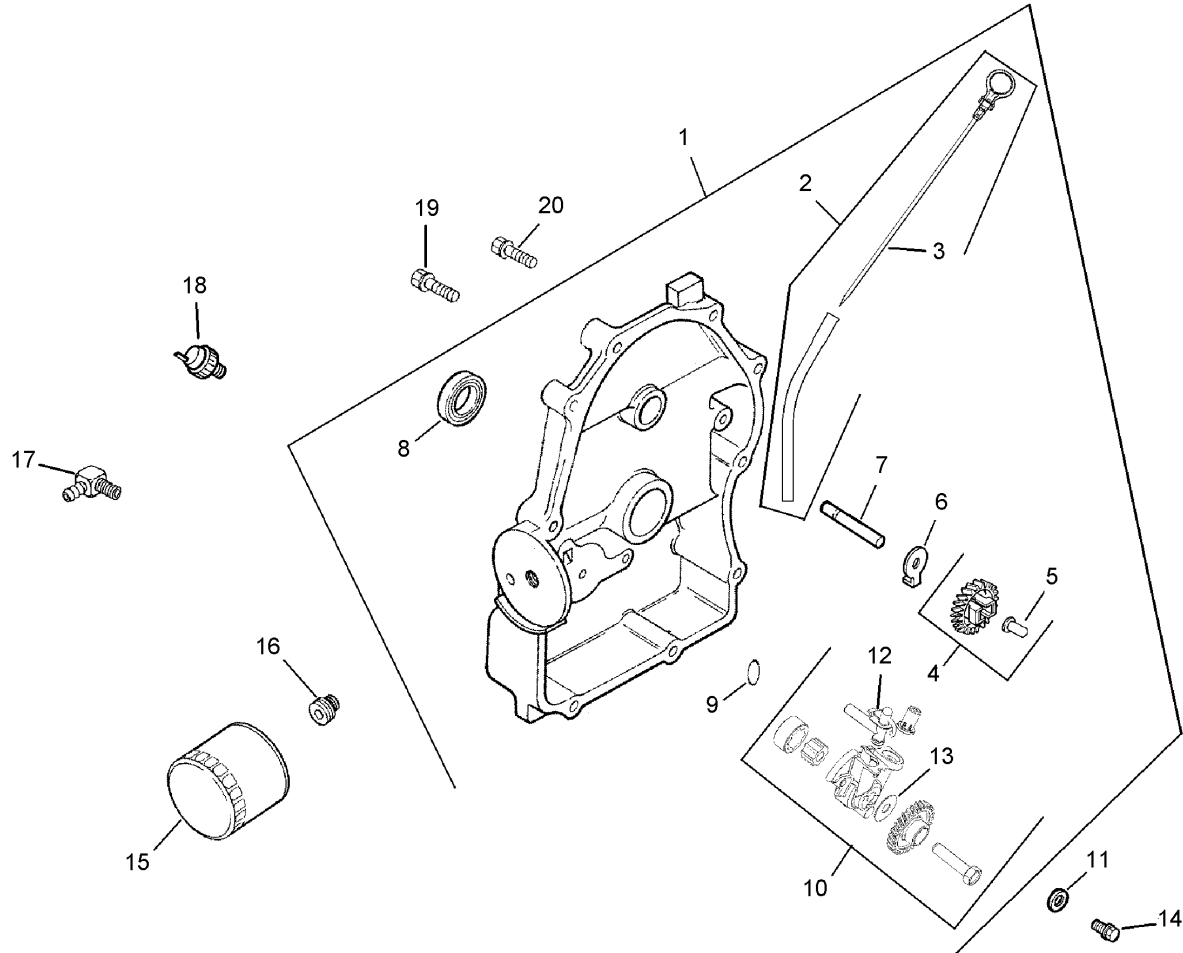
Ref	Part No.	Qty.	Description				
1	24 014 90-S	1	Crankshaft Assembly (Includes 2)				
2	52 139 09-S	1	Plug-Cup				
PROTOTYPE							



Crankcase Assembly Kohler CH23S-76549

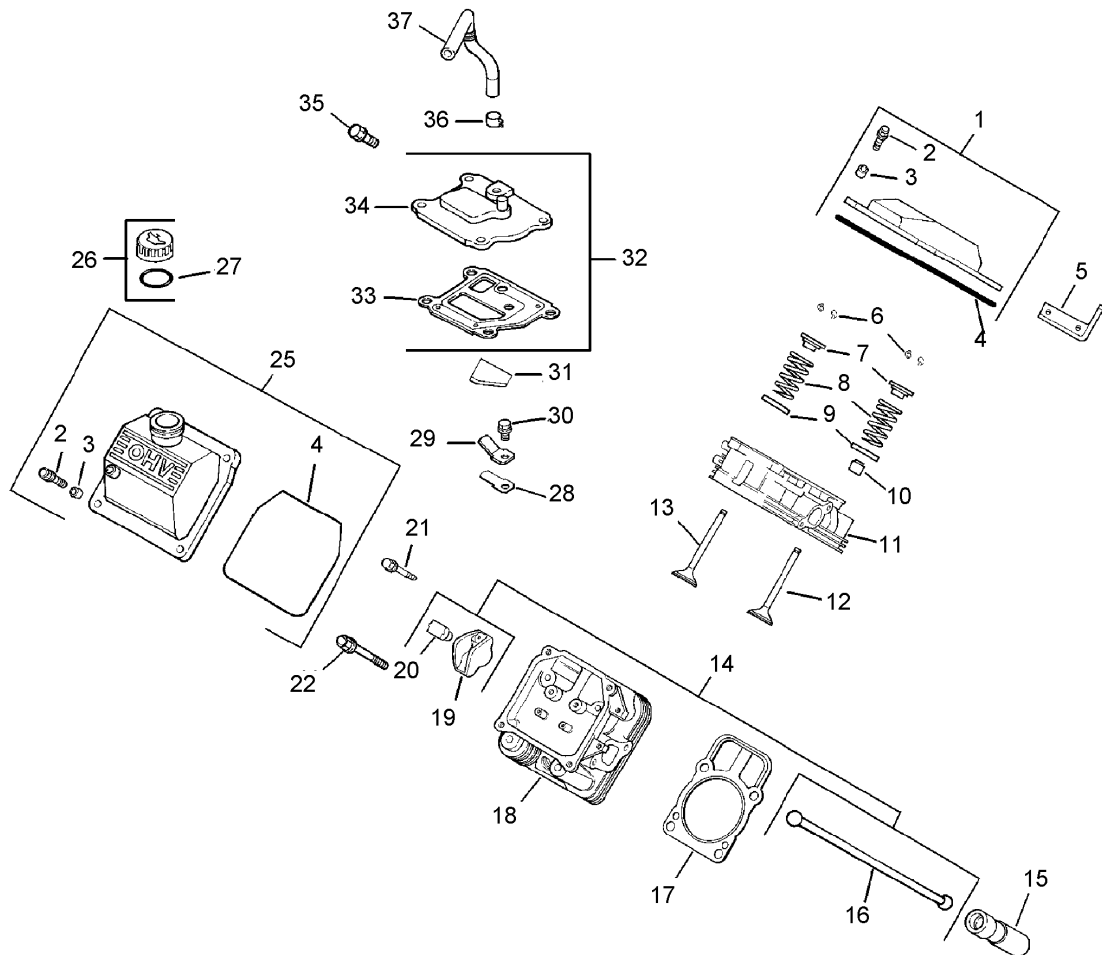
Ref	Part No.	Qty.	Description
③1		1	Crankcase(Use: Miniblock24 782 15)
③2	25 139 57-S	2	Plug-SQH
③3	24 032 01-S	1	Seal-Oil
③4	24 380 13-S	6	Pin-Locating
③5	24 067 13-S	2	Rod-Connecting (Std)
③	24 067 14-S	2	Rod-Connecting (.25
③6	24 874 09-S	2	Piston W/ring Set (Std.)(Includes 7, 8)
③	24 874 10-S	2	Piston W/ring Set (.25)(Includes 7, 8)
③	24 874 11-S	2	Piston W/ring Set (.50)(Includes 7, 8)
③	24 874 15-S	2	Piston W/ring Set (.080)(Includes 7, 8)
③7	24 018 01-S	4	Retainer-Piston Pin
③8	24 108 08-S	2	Ring Set (Std.)
③	24 108 09-S	2	Ring Set (.25)
③	24 108 10-S	2	Ring Set (.50)
③9	12 422 09-S	0	Shim-Camshaft
③	12 422 13-S	0	Shim-Camshaft
③	12 422 07-S	0	Shim-Camshaft
③	12 422 08-S	0	Shim-Camshaft
③	12 422 10-S	1	Shim-Camshaft
③	12 422 11-S	0	Shim-Camshaft

Ref	Part No.	Qty.	Description
⑨	12 422 12-S	0	Shim-Camshaft
⑨10	24 012 10-S	1	Camshaft
⑨11	24 018 09-S	1	Retainer-Ring
⑨12	M-931010-S	1	Washer-Flat
⑨13	28 032 09-S	1	Seal-Governor Cross
⑨14	24 468 15-S	1	Washer
⑨15	24 144 38-S	1	Shaft, Governor Cross
⑨16	52 139 09-S	1	Plug-Cup



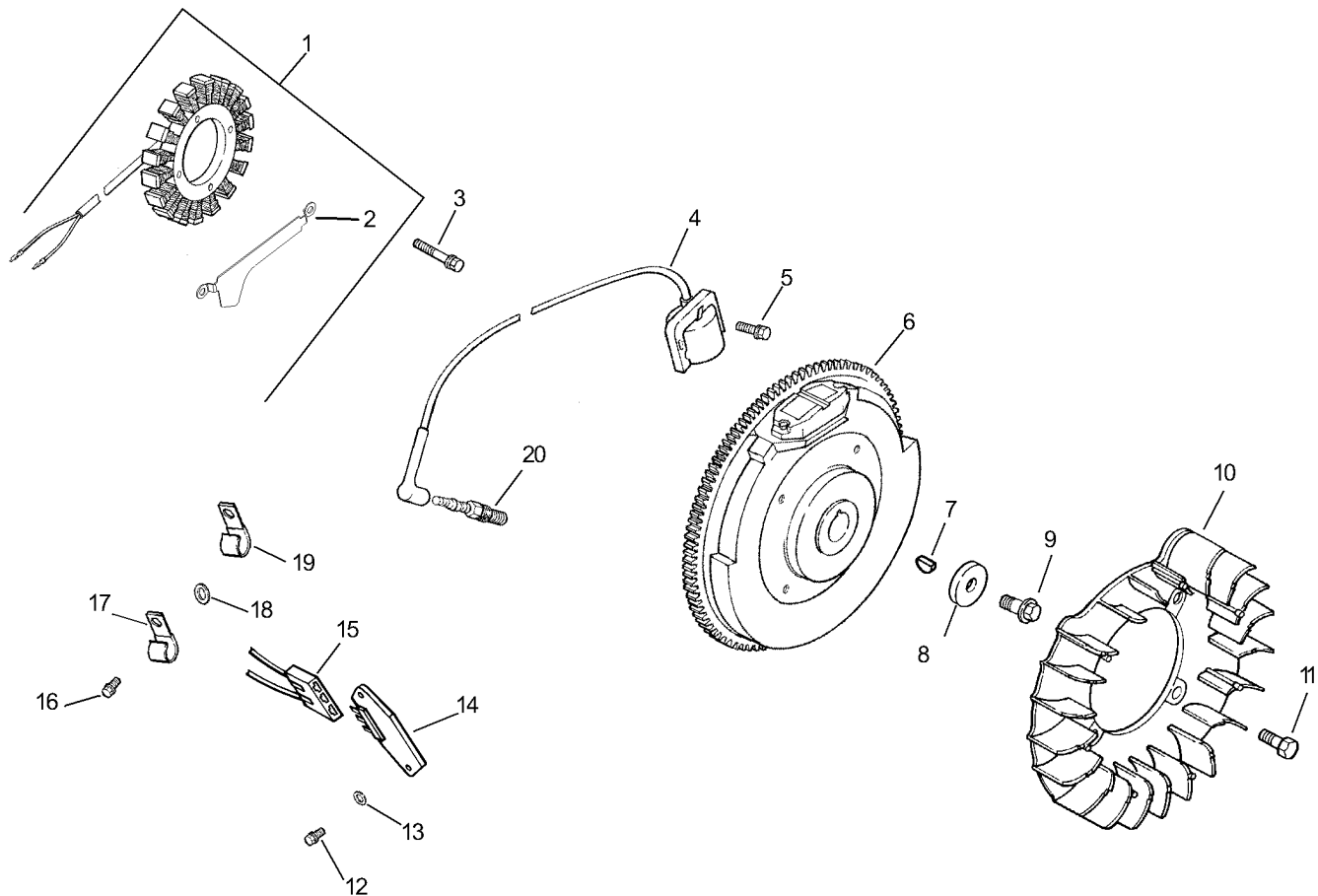
Oil Pan/Lubrication Assembly
Kohler CH23S-76549

Ref	Part No.	Qty.	Description				
❶1	24 009 82-S	1	Kit, Closure Plate (Includes 2-12)				
❷2	24 755 121-S	1	Kit, Dipstick And Tube (Includes 3)				
❸3	24 038 10-S	1	Dipstick				
❹4	24 043 12-S	1	Kit, Governor Gear W/pin (Includes 5)				
❺5	12 380 01-S	1	Pin, Gvrn. Regulating				
❻6	52 448 02-S	1	Tab-Locking				
❼7	12 144 02-S	1	Shaft-Governor Gear				
❸8	52 032 08-S	1	Seal-Oil				
❹9	24 153 08-S	2	O-Ring				
❺10	24 393 10-S	1	Oil Pump Assembly (Includes 11 And 12)				
❺11	24 153 01-S	1	O-Ring				
❺12	24 381 04-S	1	Pick-Up-Oil				
❺13	M-631005-S	2	Washer-Flat				
❺14	M-645025-S	2	Screw-HF				
❺15	52 050 02-S	1	Filter-Oil				
❺16	24 136 01-S	1	Nipple,oil Filter				
❺17	25 155 02-S	1	Connector				
❺18	24 099 03-S	1	Switch-Pressure				
❺19	24 086 16-S	9	Screw				
❺20	24 086 17-S	1	Screw-HF				



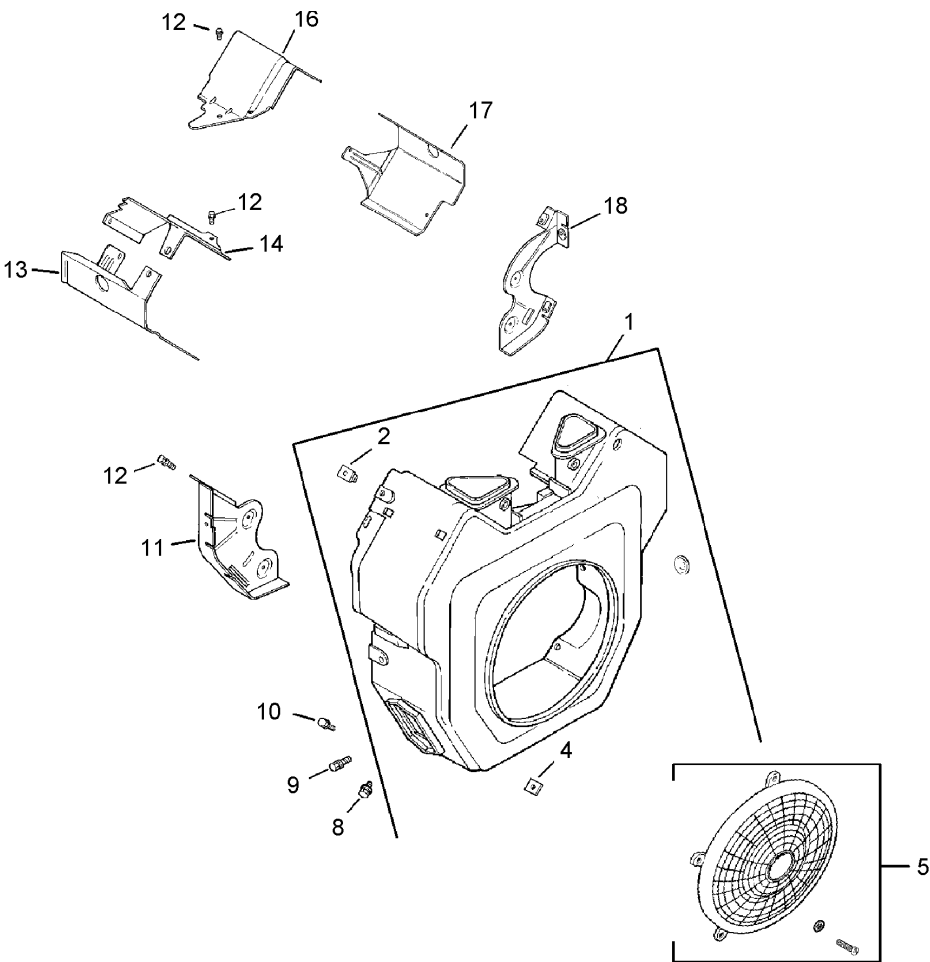
Head/Valve/Breather Assembly Kohler CH23S-76549

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
❶	24 755 74-S	1	Kit, Valve Cover-Plain (Includes 2-4)	❷	M-651030-S	4	Screw-HF
❷	M-651030-S	4	Screw-HF	❸	24 112 08-S	4	Spacer
❸	24 112 08-S	4	Spacer	❹	24 153 23-S	1	O-Ring, Valve Cover
❹	24 153 23-S	1	O-Ring, Valve Cover	❺	24 445 01-S	1	Strap-Lifting
❺	24 445 01-S	1	Strap-Lifting	❻	12 755 03-S	4	Kit-Retainer
❻	12 755 03-S	4	Kit-Retainer	❼	12 173 01-S	4	Cap-Valve Spring
❼	12 173 01-S	4	Cap-Valve Spring	❽	24 089 02-S	4	Spring-Valve
❽	24 089 02-S	4	Spring-Valve	❾	235011-S	4	Retainer-Spring
❾	235011-S	4	Retainer-Spring	❿	66 032 05-S	2	Seal-Valve Stem
❿	66 032 05-S	2	Seal-Valve Stem	⓫	24 318 68-S	1	#1 Cylinder Head ASM
⓫	24 318 68-S	1	#1 Cylinder Head ASM	⓬	24 017 01-S	2	Valve-Intake (Std)
⓬	24 017 01-S	2	Valve-Intake (Std)	⓭	24 017 02-S	2	Valve-Intake (.25)
⓭	24 017 02-S	2	Valve-Intake (.25)	⓮	24 016 01-S	2	Valve-Exhaust (Std)
⓮	24 016 01-S	2	Valve-Exhaust (Std)	⓯	24 016 02-S	2	Valve-Exhaust (.25)
⓯	24 016 02-S	2	Valve-Exhaust (.25)	⓰	24 755 66-S	1	Kit, Valve Train (Includes 16, 19, 20)
⓰	24 755 66-S	1	Kit, Valve Train (Includes 16, 19, 20)	⓱	25 351 01-S	4	Lifter-Valve
⓱	25 351 01-S	4	Lifter-Valve	⓲	24 411 05-S	4	Rod-Push
⓲	24 411 05-S	4	Rod-Push	⓳	24 041 40-S	2	Gasket, Cylinder Head
⓳	24 041 40-S	2	Gasket, Cylinder Head	⓴	24 318 71-S	1	#2 Cylinder Head ASM
⓴	24 318 71-S	1	#2 Cylinder Head ASM	⓵	25 186 01-S	4	Arm-Rocker
⓵	25 186 01-S	4	Arm-Rocker	⓶	24 599 01-S	4	Pivot-Rocker Arm
⓶	24 599 01-S	4	Pivot-Rocker Arm	⓷	M-640034-S	8	Screw-HF
				⓸	24 072 09-S	8	Stud, Cyl. Head
				⓹	24 755 75-S	1	Kit, Valve Cover-Oil Fill (Includes 2-4)
				⓺	24 755 46-S	1	Kit, Oil Fill Cap (Includes 27)
				⓻	25 153 02-S	1	O-Ring
				⓼	24 402 03-S	1	Reed
				⓽	12 018 01-S	1	Retainer-Reed
				⓾	M-545010-S	1	Nut-HF
				⓿	24 050 01-S	1	Filter-Breather
				⓿	24 033 01-S	1	Kit, Breather (Includes 32-34)
				⓫	24 041 23-S	1	Gasket-Breather
				⓫	24 096 86-S	1	Cover-Breather
				⓫	M-645020-S	4	Screw-HF
				⓫	25 237 08-S	2	Clamp-Hose
				⓫	24 326 31-S	1	Hose-Breather



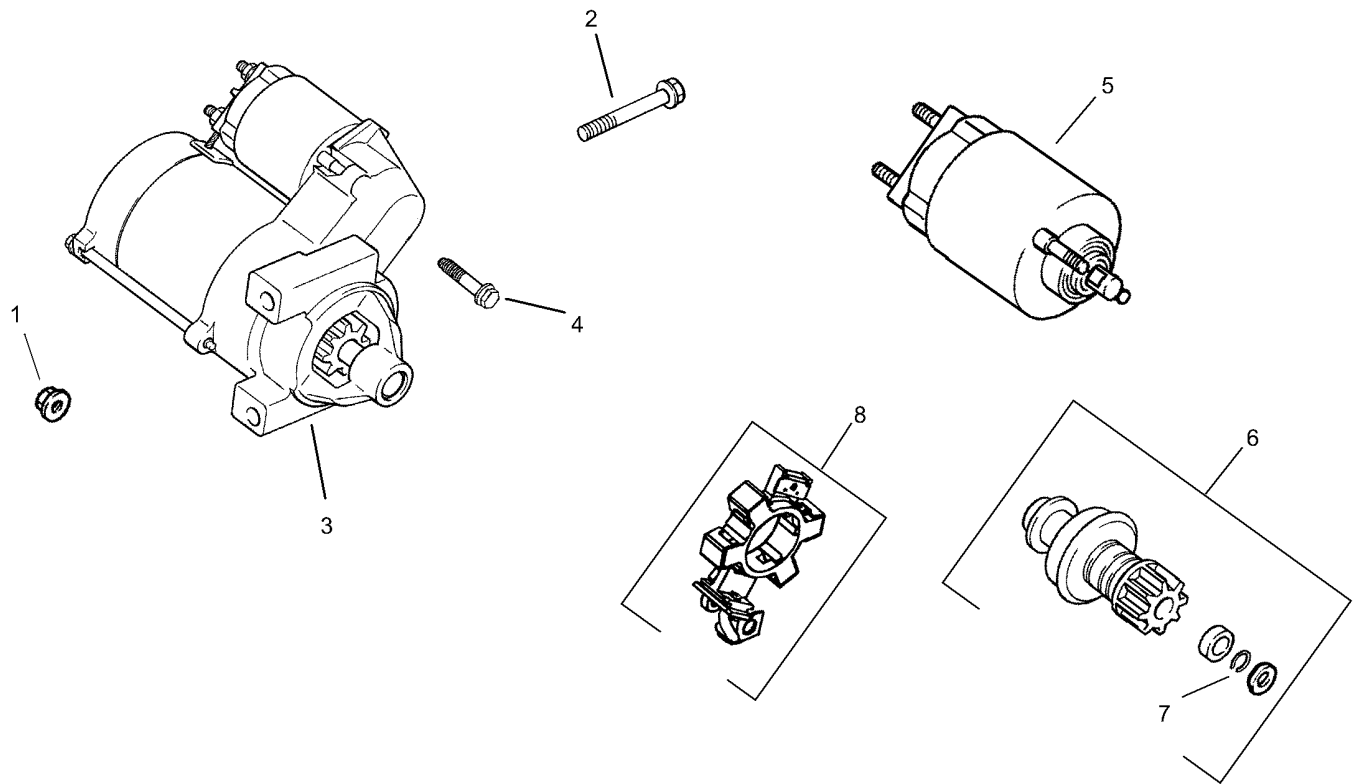
Ignition/Electrical Assembly
Kohler CH23S-76549

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
❶1	54 755 09-S	1	Kit, 15 Amp Stator (Includes 2)	❶❸	25 113 24-S	1	Decal-Small, Round
❶2	24 126 71-S	1	Bracket-Stator Wire				
❶3	M-548025-S	2	Screw-Hex Cap				
❶4	24 584 01-S	2	Module-Ignition				
❶5	M-545020-S	4	Screw-HF				
❶6	24 025 01-S	1	Flywheel				
❶7	X-42-15-S	1	Key				
❶8	12 468 03-S	1	Washer				
❶9	12 086 14-S	1	Screw				
❶10	24 157 07-S	1	Fan				
❶11	25 086 47-S	4	Bolt-Shoulder				
❶12	24 086 18-S	2	Screw				
❶13	X-25-92-S	2	Washer				
❶14	25 403 03-S	1	Rectifier-Regulator				
❶15	236602-S	1	Connector				
❶16	25 086 91-S	2	Screw, Sems Hex Cap				
❶17	235173-S	1	Clip-Cable				
❶18	X-25-63-S	1	Washer				
❶19	48 154 02-S	1	Clip-Cable				
❶20	12 132 06-S	2	Plug-Spark				
❶❸	X-22-11-S	1	Washer-Lock				
❶❹	24 176 08-S	1	Harness, Wiring				
❶❺	24 518 12-S	1	Lead-Black				
❶❻	25 454 03-S	2	Tie				



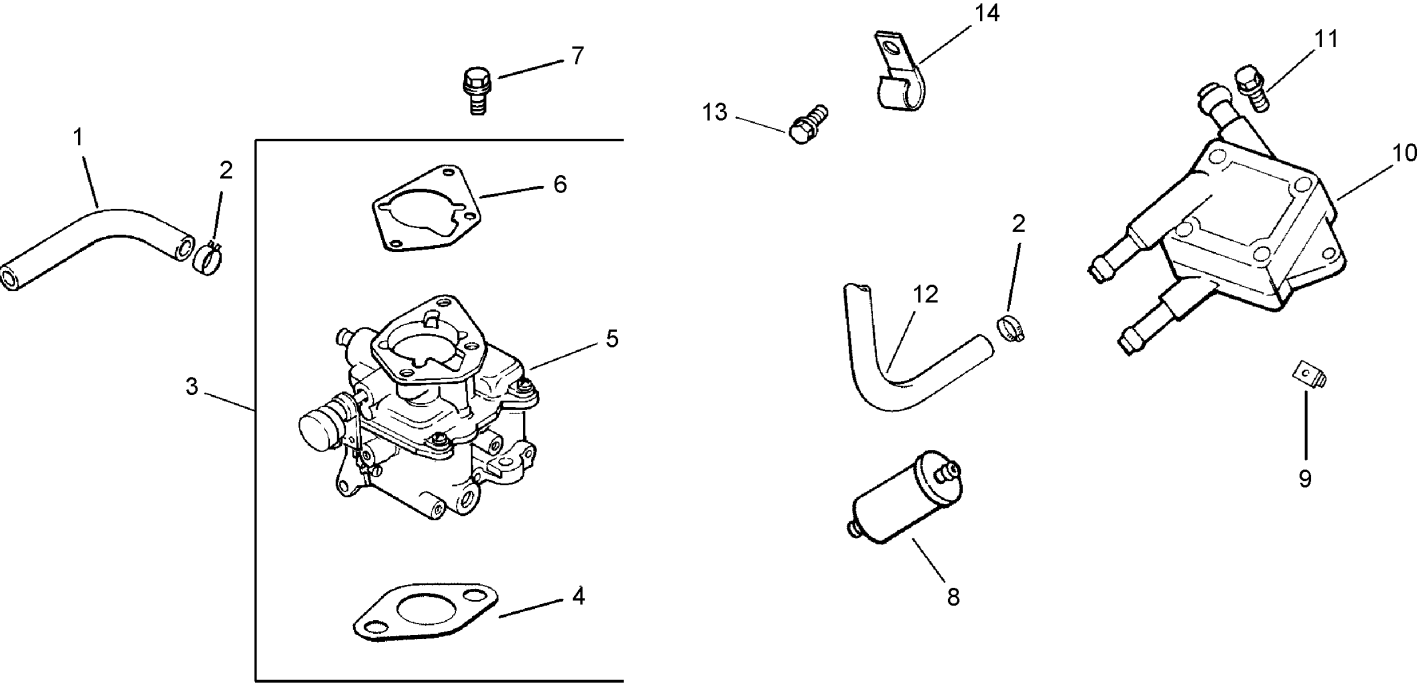
Blower Housing Assembly
Kohler CH23S-76549

Ref	Part No.	Qty.	Description				
❶	24 027 196-S	1	Blower Housing ASM (Includes 2-4 And 24 096 85-S)				
❷	24 100 02-S	2	Nut-Plastic				
❸	24 100 01-S	3	Nut				
❹	24 755 81-S	1	Kit, Fixed Guard (Includes 6, 7, 24 332 01-S And 24 113 18-S)				
❸	M-551016-S	1	Screw-HF				
❹	M-545016-S	3	Screw-HF				
❺	M-545020-S	4	Screw-HF				
❻	24 146 16-S	1	Plate-Backing, #2 Side				
❼	M-645016-S	10	Screw-HF				
❽	24 063 20-S	1	Baffle-Cylinder Barrel, #2 Side				
❾	24 063 17-S	1	Baffle-Valley #2 Side				
❿	24 063 59-S	1	Baffle-Valley, #1 Side				
⓫	24 063 58-S	1	Baffle-Cylinder, #2 Side				
⓬	24 146 20-S	1	Plate-Backing, #1 Side				
⓭	24 096 85-S	1	Cover, Blower Housing (Used To Guide Breather Hose Through Opening In Blower Housing)				
⓮	24 332 01-S	5	Insert-Threaded				
⓯	24 113 18-S	1	Decal-Screen, Grass				
⓰	24 113 96-S	1	Decal-22hp				



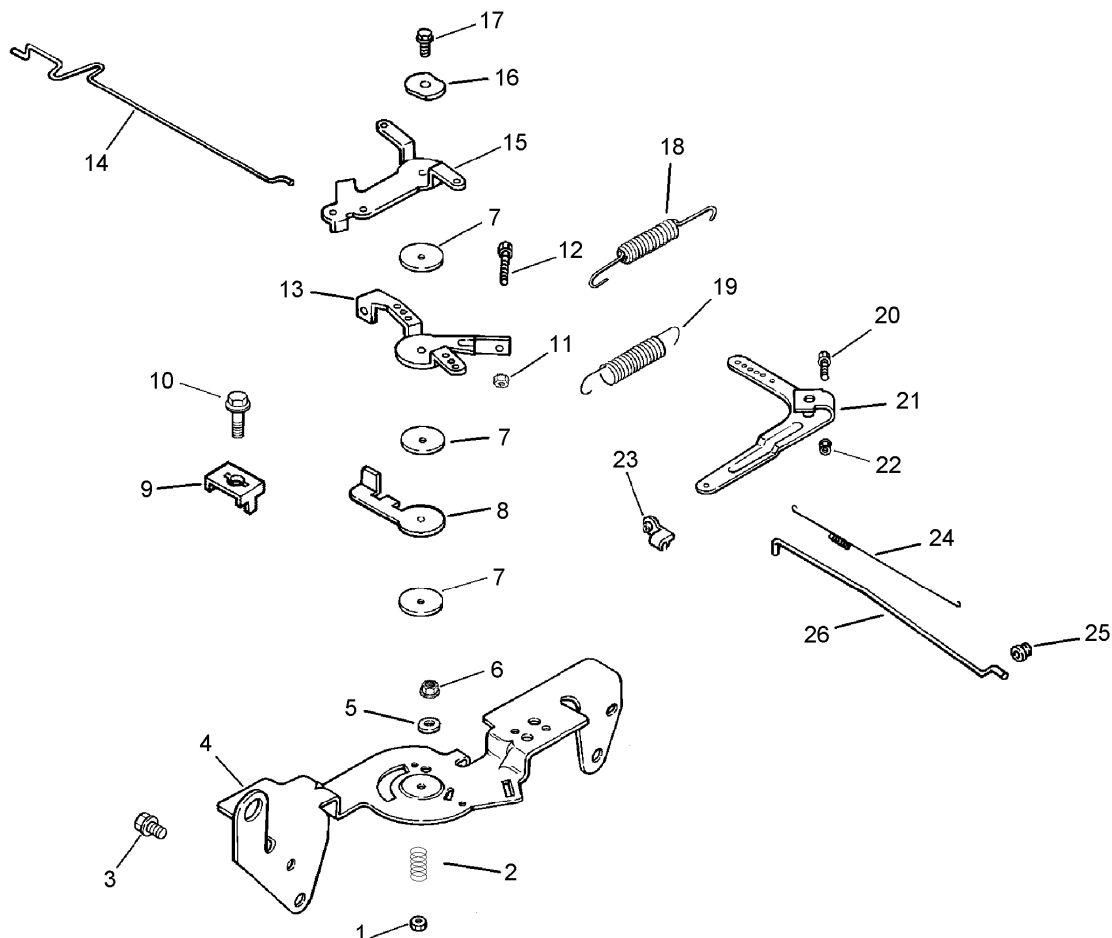
Starter Assembly
Kohler CH23S-76549

Ref	Part No.	Qty.	Description				
❶	M-841080-S	1	Nut-HF				
❷	M-839080-S	2	Screw-HF				
❸	25 098 09-S	1	Starter, Solenoid Shift Asm (Includes 4-8)				
❹	25 086 113	3	Screw, External Torx Hd				
❺	25 435 05-S	1	Kit, Solenoid (Includes 4)				
❻	25 755 33-S	1	Kit, Pinion Drive (Includes 7)				
❼	25 141 05-S	1	Ring				
❽	25 221 01-S	1	Brush Kit				



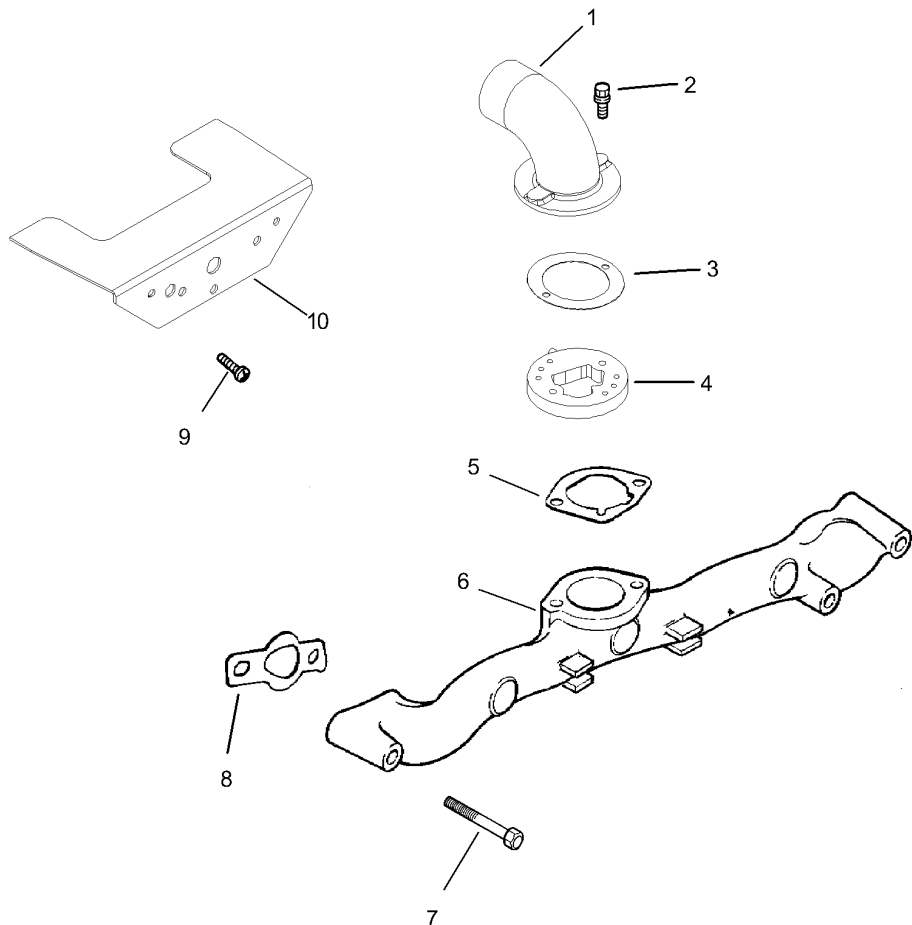
Fuel System Assembly
Kohler CH23S-76549

Ref	Part No.	Qty.	Description				
❸1	25 353 32-S	1	Line-Fuel				
❸2	25 237 14-S	6	Clamp-Hose				
❸3	24 853 59-S	1	Kit, Carburetor W/gasket (Includes 4-6)				
❸4	24 041 17-S	1	Gasket-Carburetor				
❸5	24 053 59	1	Carburetor ASM				
❸6	24 041 06-S	1	Gasket-Air Cleaner				
❸7	M-651030-S	2	Screw-HF				
❸8	24 050 02-S	1	Filter-Fuel				
❸9	24 100 01-S	2	Nut				
❸10	24 393 16-S	1	Pump-Fuel				
❸11	24 086 12-S	2	Screw				
❸12	24 353 02-S	1	Line-Fuel				
❶❸	25 353 15-S	1	Line-Fuel, 3-1/2"				
❸13	M-650012-S	1	Screw-HF				
❸14	47 154 01-S	1	Clip-Cable				
❶❸	24 757 01-S	1	Soleniod Kit				
❶❸	24 757 02-S	1	Float Kit				
❶❸	24 757 03-S	1	Carburetor Repair Kit				
❶❸	24 757 07-S	1	Choke Repair Kit				
❶❸	24 757 125-S	1	Kit, High Altitudew/gaskets				



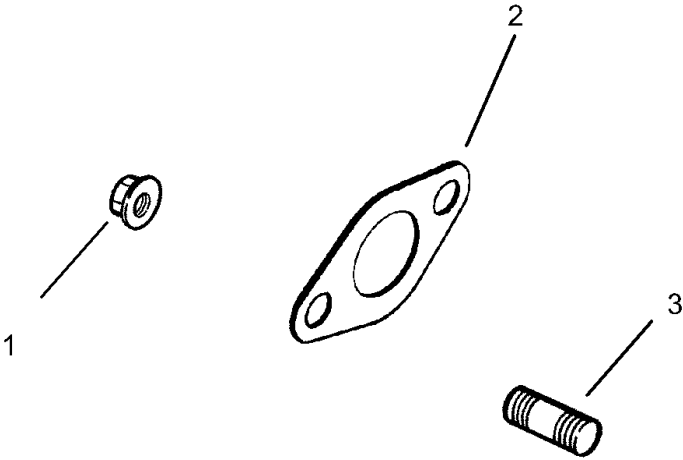
Engine Control Assembly Kohler CH23S-76549

Ref	Part No.	Qty.	Description	Ref	Part No.	Qty.	Description
1	M-547050-S	1	Nut-Hex	25	25 158 08-S	1	Bushing
2	24 089 03-S	1	Spring-Choke Return	26	24 079 01-S	1	Linkage-Throttle
3	M-645016-S	4	Screw-HF				
4	24 126 56-S	1	Bracket-Control				
5	X-20-1-S	1	Washer-Lock				
6	M-541050-S	1	Nut				
7	24 468 01-S	3	Washer				
8	24 090 07-S	1	Lever-Actuator, throttle				
9	12 237 01-S	2	Clamp-Cable				
10	M-545016-S	3	Screw-HF				
11	M-446030-S	1	Nut-HF				
12	M-401030-S	1	Screw				
13	24 090 03-S	1	Lever-Throttle Control				
14	24 079 21-S	1	Linkage-Choke				
15	24 090 05-S	1	Lever-Choke				
16	41 468 03-S	1	Washer-Wave				
17	M-545020-S	1	Screw-HF				
18	24 089 51-S	1	Spring-Governor				
19	24 089 46-S	1	Spring-Governor				
20	24 211 03-S	1	Bolt				
21	24 090 33-S	1	Lever-Governor				
22	M-641060-S	1	Nut-HF				
23	25 158 11-S	1	Bushing				
24	24 089 01-S	1	Spring-Linkage				



Air Intake/Filtration Assembly
Kohler CH23S-76549

Ref	Part No.	Qty.	Description				
❶1	24 029 21-S	1	Adapter-Air Cleaner				
❷2	M-639016-S	6	Screw-HF				
❸3	24 041 34-S	1	Gasket-Adapter				
❹4	24 029 31-S	1	Adapter				
❺5	24 041 06-S	1	Gasket-Air Cleaner				
❻6	24 164 14-S	1	Manifold				
❼7	25 086 84-S	4	Screw-Hffh				
❽8	24 041 01-S	2	Gasket-Intake Manifold				
❾9	24 086 06-S	2	Screw				
❿10	24 314 25-S	1	Shield-Debris				
⓫❶	25 113 27-S	1	Decal-Air Cleaner				
⓫❶	24 146 25-S	1	Decal-22hp				



Exhaust Assembly
Kohler CH23S-76549

Ref	Part No.	Qty.	Description				
1	M-841080-S	4	Nut-HF				
2	24 041 49-S	2	Gasket-Exhaust				
3	25 072 04-S	4	Stud				
PROTOTYPE							



PROTOTYPE