



Z150

Z-Master[®] with 44in. Side Discharge Mower

Model No. 74177—210000001 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.

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Accessories

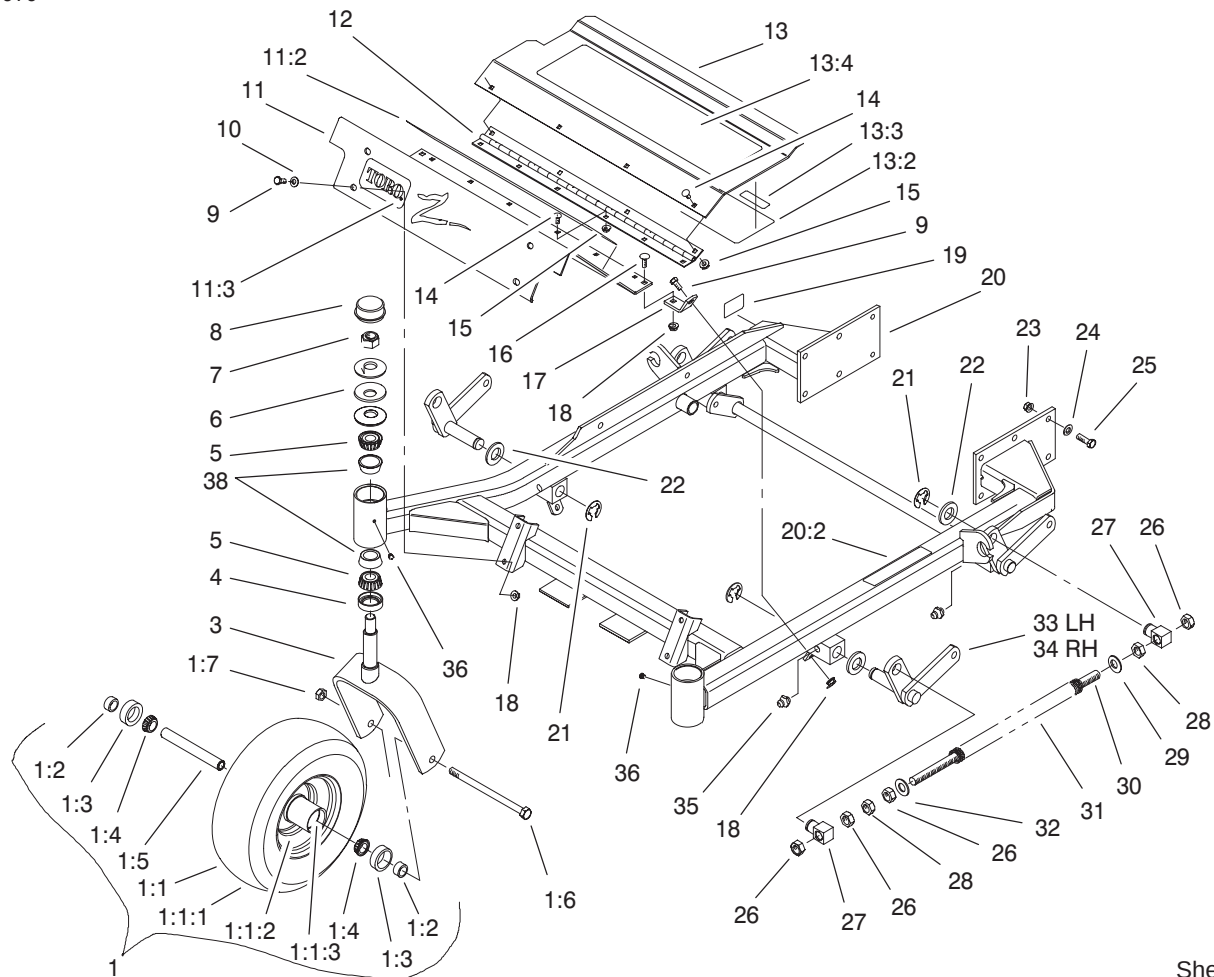
Description	Model / Part No.	Description	Model / Part No.
Recycler Kit	59220	Striping Kit	30121
ROPS Kit	79470	High Suspension Seat	74210
Mulching Kit	59226	Hitch Kit	99–8924
Blade–Atomic 15.5	104–1300	Z–Stand Kit	105–1621

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning
AR	as required
ASM	assembly
CARR	carriage
DEG	degrees
FH	flat head
GA	gauge
HF	hex flange
HH	hex head
HHF	hex head flange
HLH	hex lag head
HJ	hex jam
HOC	height-of-cut
HS	hex socket
HSBH	hex socket button head
HSFH	hex socket flat head
HSH	hex socket head
HWH	hex washer head
HWHTF	hex washer head thread forming

Abbreviation	Meaning
INC	incorporated
LH	left hand
NI	nylon insert
PPH	Phillips pan head
PTH	Phillips truss head
PTO	power take off
RH	right hand
SFH	slotted fillister head
SHH	slotted hex head
SQH	square head
SHWH	slotted hex washer head
SPH	slotted pan head
SRH	slotted round head
STD	standard
TAP	self tapping
TTH	Torx truss head
WH	wing head

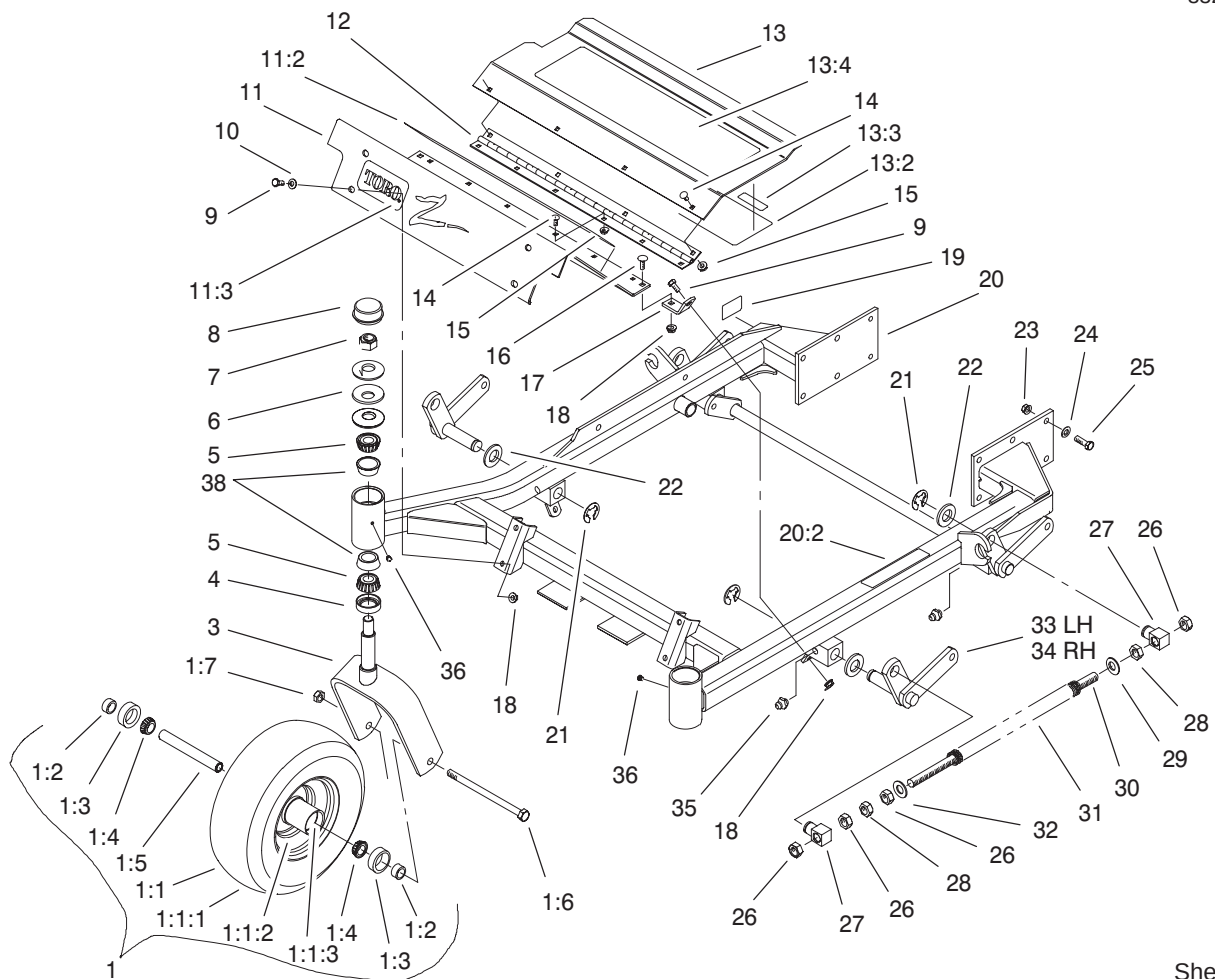


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Front Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	1-634662	2	Caster Wheel ASM
1:1	1-633582	1	Wheel & Tire ASM
1:1:1	1-633002	1	Tire
1:1:2	1-633583	1	Wheel
1:1:3	1-633584	2	Bearing-Cup
1:2	1-633581	2	Spacer-Bearing
1:3	1-633580	2	Seal-Bearing
1:4	1-633585	2	Bearing-Cone, Taper
1:5	1-633579	1	Spacer-Caster, Front
1:6	325-36	1	Screw-HH
1:7	3296-45	1	Nut-Lock, NI
3	1-632511-01	2	Caster
4	1-543511	2	Seal-Grease
5	254-94	4	Bearing-Taper, Cone
6	1-633508	6	Washer-Bellville
7	3296-51	2	Nut-Lock, NI
8	1-543513	2	Cap-Grease
9	322-3	6	Screw-HH
10	3256-23	4	Washer-Flat
11	99-3940	1	Floorpan-Front
11:2	1-633553	1	Pad-Antiskid
11:3	1-633737	1	Decal-Z-Master
12	1-653049	1	Hinge-Floorpan
13	99-3930	1	Footrest ASM
13:2	99-3924	1	Decal-Service
13:3	98-5954	1	Decal-Missing, Cover

Ref. No.	Part No.	Qty.	Description
13:4	1-633553	1	Pad-Antiskid
14	3229-10	10	Screw-CARR
15	32128-33	10	Nut-HF
16	3230-1	2	Screw-CARR
17	99-3870-01	2	Bracket-Floorpan
18	32128-20	8	Nut-HF
19	105-2625	1	Decal-Safety STD
20	99-3931	1	Front Frame ASM
20:2	1-633818	1	Decal-Warning
21	32151-103	6	Ring-Snap
22	3256-29	6	Washer-Flat
23	3290-357	12	Nut-Flange, Lock
24	98-5975	12	Washer-Bellville
25	323-7	12	Screw-HH
26	3217-11	8	Nut-Hex
27	1-633441	4	Swivel-Deck Mount, Rear
28	3218-6	4	Nut-Jam
29	3256-7	2	Washer-Flat
30	1-653011	2	Rod-Lift, Deck*
31	1-653009	2	Spring-Compression
32	3256-27	2	Washer-Flat
33	99-3871-01	1	LH Lift Arm ASM
34	99-3872-01	1	RH Lift Arm ASM
35	302-19	4	Fitting-Grease
36	1-811010	2	Plug

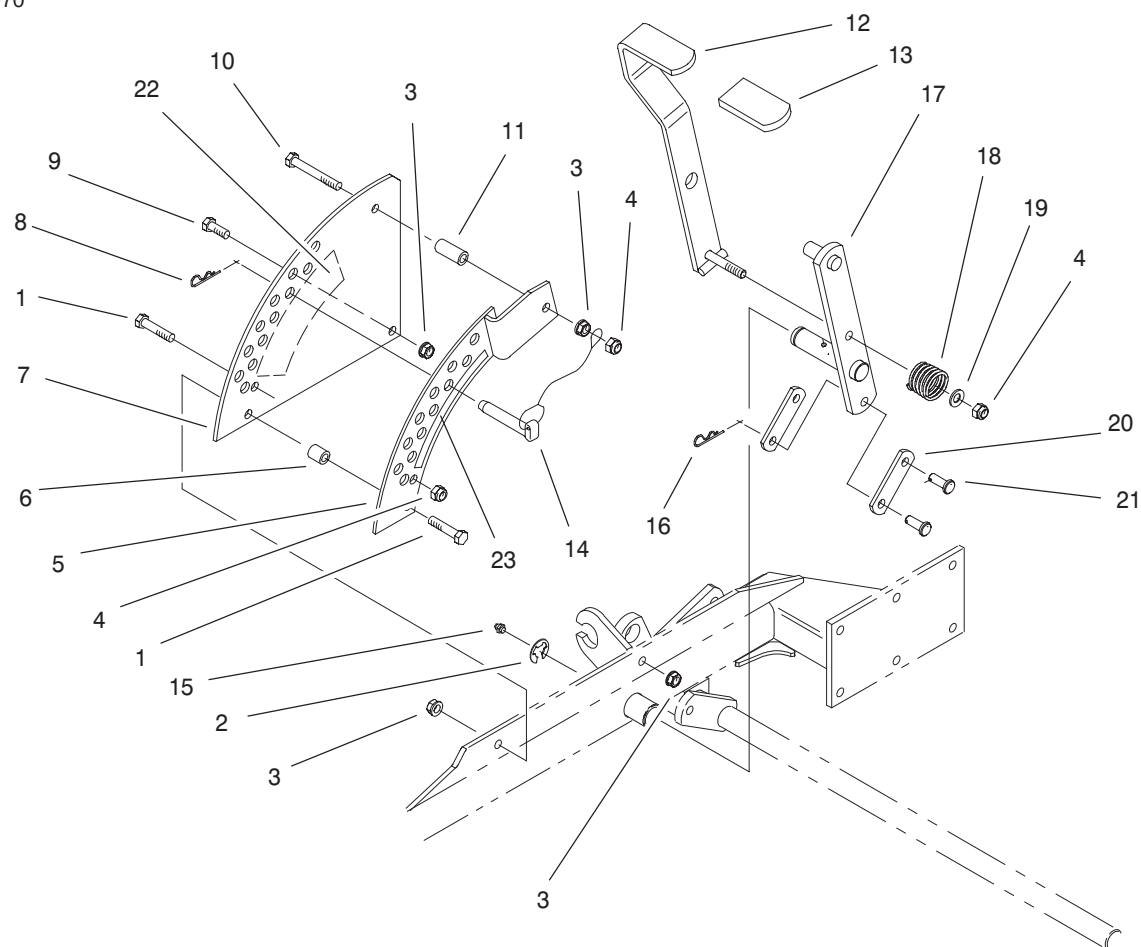


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Front Frame Assembly

Ref. No.	Part No.	Qty.	Description
38	254-72	4	Bearing-Taper, Cup

Ref. No.	Part No.	Qty.	Description

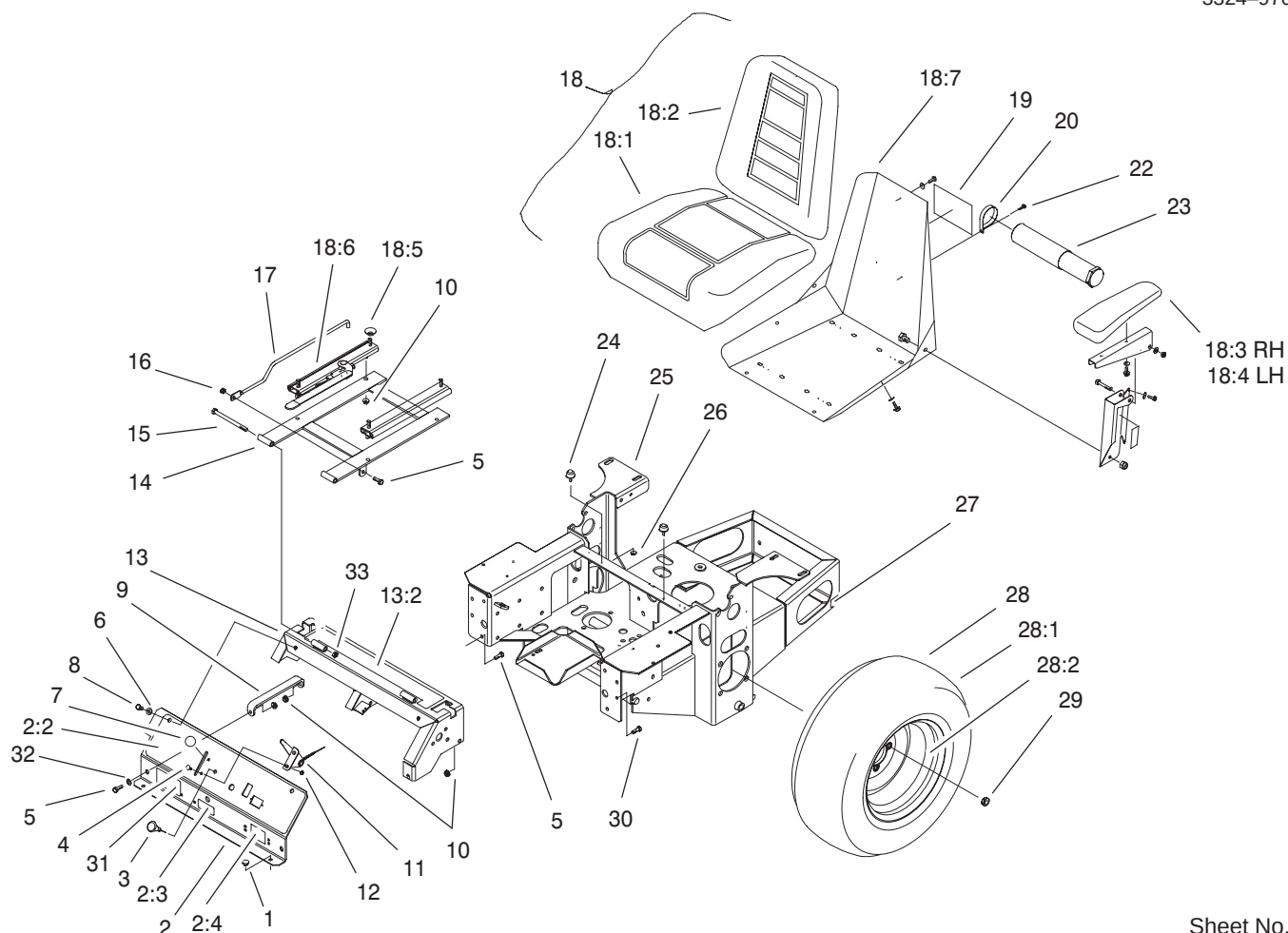


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Height of Cut Handle and Plates

Ref. No.	Part No.	Qty.	Description
1	323-9	2	Screw-HH
2	32151-103	1	Ring-Snap
3	3290-357	3	Nut-Flange, Lock
4	3296-39	3	Nut-Lock, NI
5	1-652235-01	1	Plate-Lift, Deck
6	1-633080	1	Bushing-Lever, Lift
7	1-653230-01	1	Plate-Lift, Deck
8	1-806005	1	Pin-Cotter, Hair
9	323-6	1	Screw-HH
10	323-13	1	Screw-HH
11	1-633082	1	Bushing-Lever, Lift
12	1-652023-03	1	Lever-Lift
13	1-633295	1	Grip-Lever, Lift
14	1-633097	1	Pin-Hitch W/Lanyard
15	302-19	1	Fitting-Grease
16	1-806003	2	Pin-Cotter, Hair
17	99-3922-03	1	Arm-Lift
18	1-633325	1	Spring-Compression
19	3256-24	1	Washer-Flat
20	1-633068	2	Arm-Lift, Deck
21	1-808284	2	Pin-Clevis
22	1-653140	1	Decal, Deck Height Outer
23	1-653147	1	Decal-Deck Height, Inner

Ref. No.	Part No.	Qty.	Description

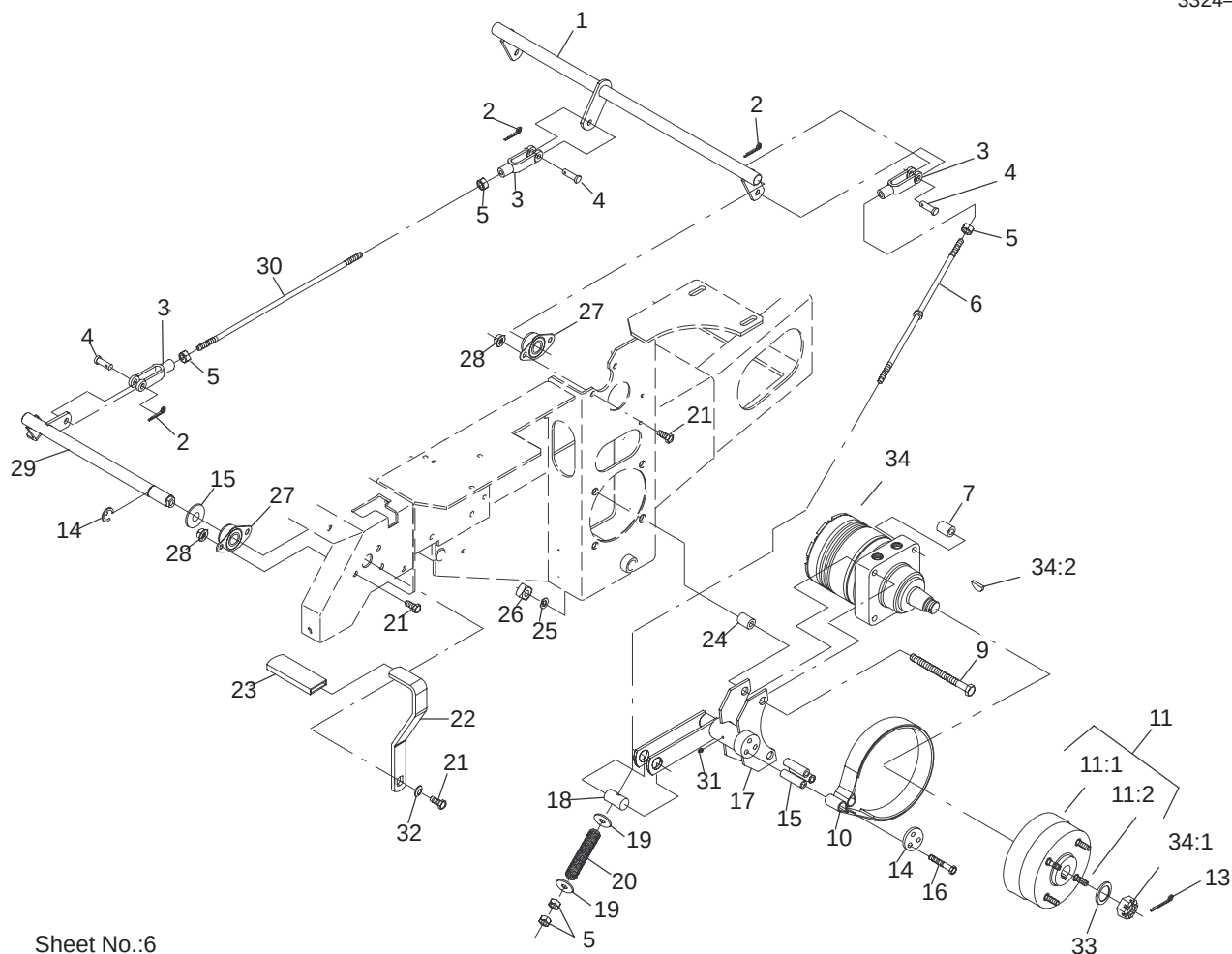


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Main Frame

Ref. No.	Part No.	Qty.	Description
1	1-513658	2	Bumper-Catcher, Grass
2	99-3932	1	Control Panel ASM
2:2	99-3942	1	Decal-Panel, Control
2:3	103-0262	1	Decal-Valve, Fuel
2:4	98-4387	1	Decal-Protection, Ear
3	1-603336	1	Control-Choke
4	1-807513	2	Bolt-CARR
5	322-5	3	Screw-HH
6	3256-23	2	Washer-Flat
7	1-513592	1	Knob-Ball, Red
8	322-3	3	Screw-HH
9	1-653089-03	1	Bracket
10	32128-20	12	Nut-HF
11	1-633696	1	Cable-Throttle
12	3296-2	2	Nut-Lock
13	99-3933	1	Console ASM
13:2	103-0315	1	Decal-Console
14	1-632187-03	1	Frame-Seat
15	323-39	2	Screw-HH
16	3296-29	1	Nut-Lock NI
17	1-653495	1	Rod-Hold Up, Seat
18	1-633705	1	Seat W/Tracks
18:1	103-0290	1	Cushion-Bottom, Seat
18:2	104-7754	1	Cushion-Back, Seat
18:3	1-633710	1	Cushion-Armrest, RH

Ref. No.	Part No.	Qty.	Description
18:4	1-633711	1	Cushion-Armrest, LH
18:5	1-543401	4	Spacer-Track
18:6	1-643255	1	Grip-Track, Seat
18:7	1-633859	1	Frame-Seat
19	99-4693	1	Decal-Toro
20	2412-120	2	R-Clamp
22	32104-76	2	Screw
23	74-0720	1	Tube-Manual
24	1-523420	2	Bumper
25	103-0712-03	1	Mainframe
26	3296-42	2	Nut-Lock, NI
27	65-2690	2	Decal-Surface, Hot
28	1-653010	2	Wheel & Tire ASM
28:1	1-653160	1	Tire
28:2	1-653158	1	Wheel
29	242-50	8	Nut-Lug
30	322-2	6	Screw-HH
31	99-4604	1	Decal-Z150
32	3256-3	2	Washer-Flat
33	3296-39	2	Nut-Lock, NI

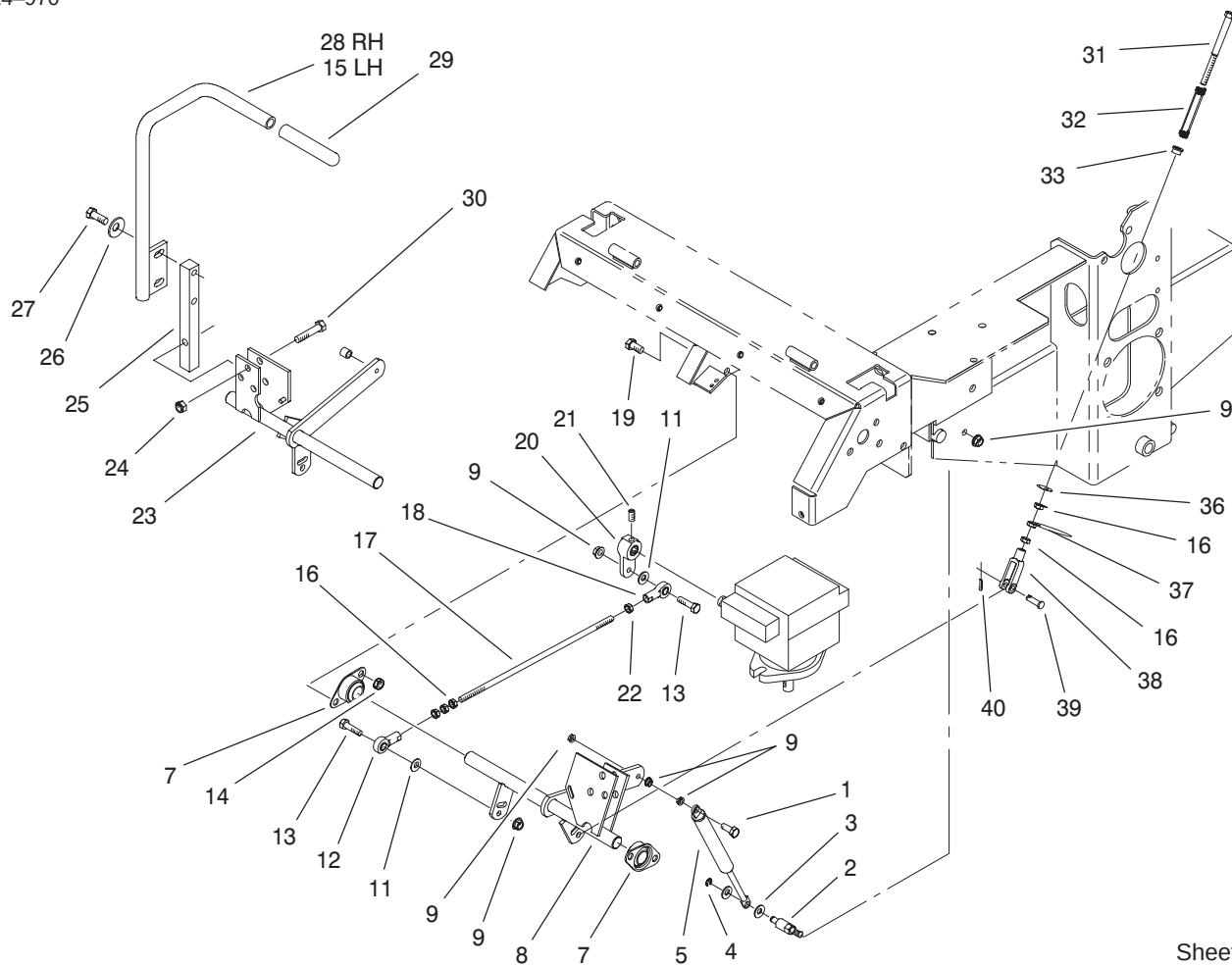


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Parking Brake System Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-652073-03	1	Crank-Brake, Park	27	1-633102	4	Bearing-Flange, Side
2	3272-10	4	Pin-Cotter	28	3290-357	8	Nut-Flange, Lock
3	1-633131	4	Yoke-Linkage, Brake	29	1-652085	1	Shaft-Brake, Parking
4	1-808285	4	Pin-Clevis	30	1-653061	1	Linkage-Handle, Brake
5	3219-3	8	Nut-HH	31	1481	2	Fitting-Grease
6	103-0356	2	Rod-Brake	32	98-5975	2	Washer-Belleveille
7	1-653068	4	Spacer-Wheel	33	1-523157	1	Washer-Spacer
9	325-13	8	Screw-HH	34	1-523328	2	Motor-Wheel
10	103-0355	2	Band-Brake	34:1	1-809036	1	Nut-HH
11	103-0590	2	Hub-Wheel W/Studs	34:2	3257-42	1	Key-Woodruff
11:1	103-0589	1	Hub-Wheel	*34:99	1-000099	1	Kit-Seal
11:2	1-633926	4	Stud-Wheel	*34:99	1-000139	1	Kit-Bearing
13	1-806800	2	Pin-Cotter				
14	103-0374	2	Retainer-Band, Brake				
15	103-0384	6	Spacer				
16	322-9	6	Screw-HH				
17	103-0352-03	2	Bracket-Brake				
18	1-633144	2	Pin-Trunion				
19	3256-4	4	Washer-Flat				
20	1-633454	2	Spring-Brake				
21	323-4	9	Screw-HH				
22	1-653074-03	1	Handle-Brake, Park				
23	1-633268	1	Grip-Lever, Brake				
24	1-653069	4	Spacer-Wheel				
25	3253-7	8	Washer-Lock				
26	103-0131	8	Nut-Square				

* Not illustrated

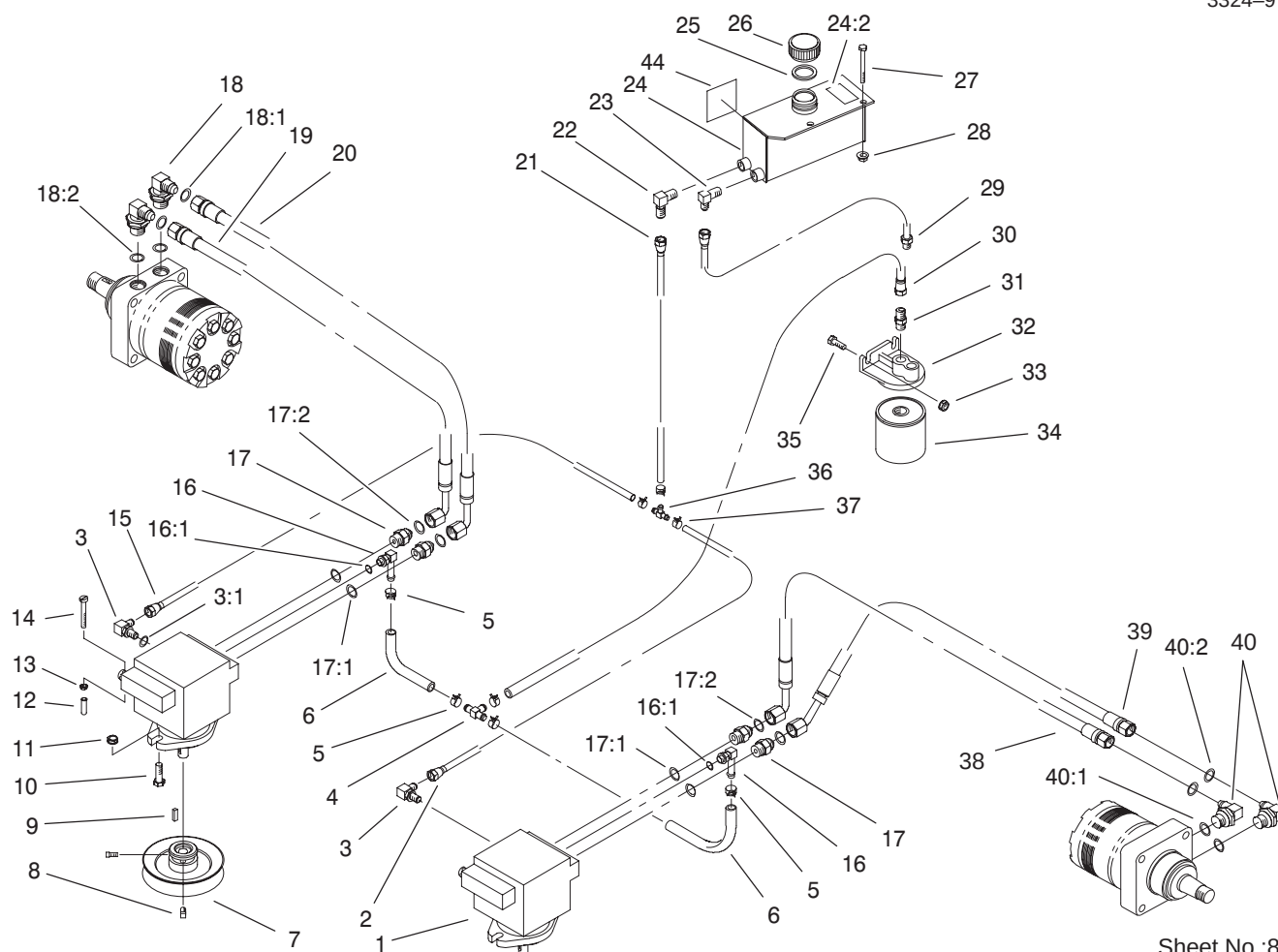


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Motion Control System Assembly

Ref. No.	Part No.	Qty.	Description
1	1-403180	2	Screw-HH
2	1-653316	2	Pin-Dampner
3	3256-23	4	Washer-Flat
4	32120-35	2	E-Ring
5	1-523027	2	Damper-Control
7	1-633102	4	Bearing-Flange, Side
8	1-652467	1	Control-Motion, LH
9	32128-20	12	Nut-HF
11	3256-3	4	Washer-Flat
12	1-543017	2	Balljoint-RH
13	322-6	4	Screw-HH
14	3290-357	8	Nut-Flange, Lock
15	1-632191-03	1	Lever-Control, LH
16	3219-2	10	Nut-Hex
17	1-653046	2	Linkage-Pump/Lever
18	1-633152	2	Balljoint-Thread, LH
19	323-4	8	Screw-HH
20	1-653092	2	Arm-Control, Pump
21	1-803022	2	Screw
22	1-804524	2	Nut
23	1-652466	1	Control-Motion, RH
24	3296-39	6	Nut-Lock, NI
25	1-633177	2	Arm-Control, Shaft
26	98-5975	4	Washer-Belleville
27	323-6	4	Screw-HH
28	1-632193-03	1	Lever-Control, RH

Ref. No.	Part No.	Qty.	Description
29	1-633257	2	Grip-Control, Motion
30	323-9	6	Screw-HH
31	1-603737	2	Bolt-Return, Neutral
32	1-603807	2	Spring-Return, Neutral
33	1-603735	2	Bushing-Flanged
36	3256-2	2	Washer-Flat
37	3220-2	2	Nut
38	1-303105	2	Yoke-Adjustable
39	1-808280	2	Pin-Clevis
40	3272-5	2	Pin-Cotter



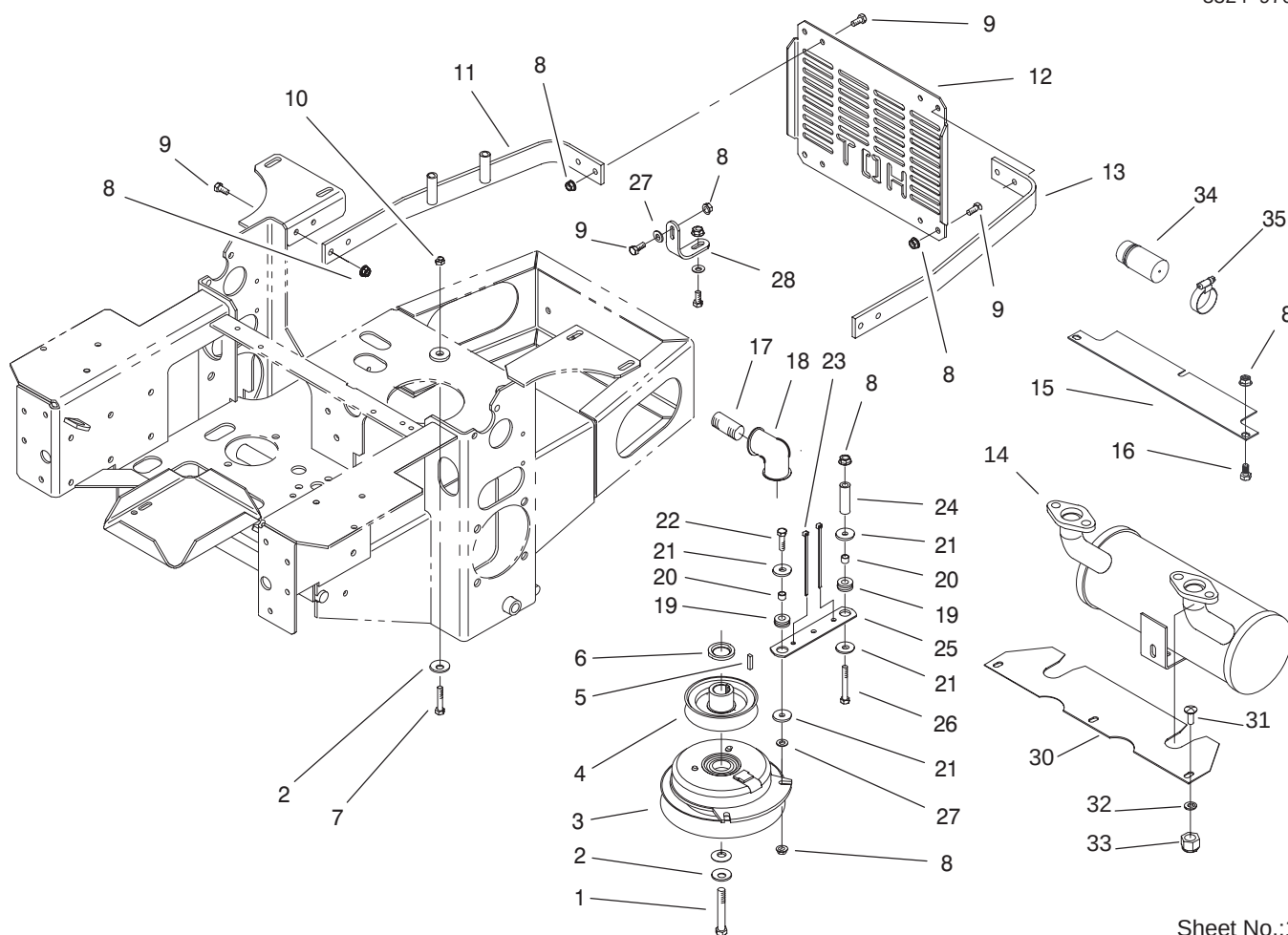
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Hydraulic System Assembly

Ref. No.	Part No.	Qty.	Description
1	1-603841	2	Pump-Hydraulic *
*1	80-6130	2	Kit-Seal, Overhaul
2	1-632285	1	Hose ASM
3	1-513840	2	Fitting-90°
3:1	237-42	1	O-Ring
4	1-603721	1	Fitting-Tee, Hose
5	1-603827	5	Clamp-Hose
6	1-413273	2	Hose
7	1-653156	2	Sheave
8	1-803050	4	Screw-Set
9	1-807272	2	Key-Machine
10	323-7	4	Screw-HH
11	3290-357	4	Nut-Flange, Lock
12	1-613073	2	Grip-Valve, Dump
13	3296-42	2	Nut-Lock, NI
14	1-801063	2	Screw
15	1-632286	1	Hose ASM
16	1-603989	2	Fitting
16:1	237-78	1	O-Ring
17	1-603990	4	Fitting-Straight
17:1	237-79	1	O-Ring
17:2	1-603992	1	O-Ring
18	1-633605	2	Fitting-Connector
18:1	1-603992	1	O-Ring
18:2	237-80	1	O-Ring
19	1-653186	1	Hose,Front

Ref. No.	Part No.	Qty.	Description
20	1-653187	1	Hose,RH Rear
21	1-654144	1	Hose *
22	1-603987	1	Fitting-Elbow
23	1-603988	1	Fitting-Elbow
24	99-4625	1	Hydraulic Tank ASM
24:2	1-523552	1	Decal-Tank, Hydraulic
25	1-523103	1	Gasket-Cap, Tank
26	1-513167	1	Cap
27	321-15	2	Screw-HH
28	32128-33	2	Nut-HF
29	1-654320	1	Hose *
30	1-654509	1	Hose *
31	1-513510	1	Fitting-Straight
32	1-603720	1	Head-Filter
33	32128-20	2	Nut-HF
34	1-633750	1	Filter-HYD
34	1-633752	1	Filter-HYD, Winter
35	322-5	2	Screw-HH
36	1-603722	1	Fitting-Tee, Hose
37	1-603826	3	Clamp-Hose
38	1-653409	1	Hose,Hydraulic*
39	1-653410	1	Hose,Hydraulic*
40	1-633786	2	Fitting-90°*
40:1	237-80	1	O-Ring
40:2	1-603992	1	O-Ring
44	104-8172	1	Decal-Mobil 1

* Not illustrated



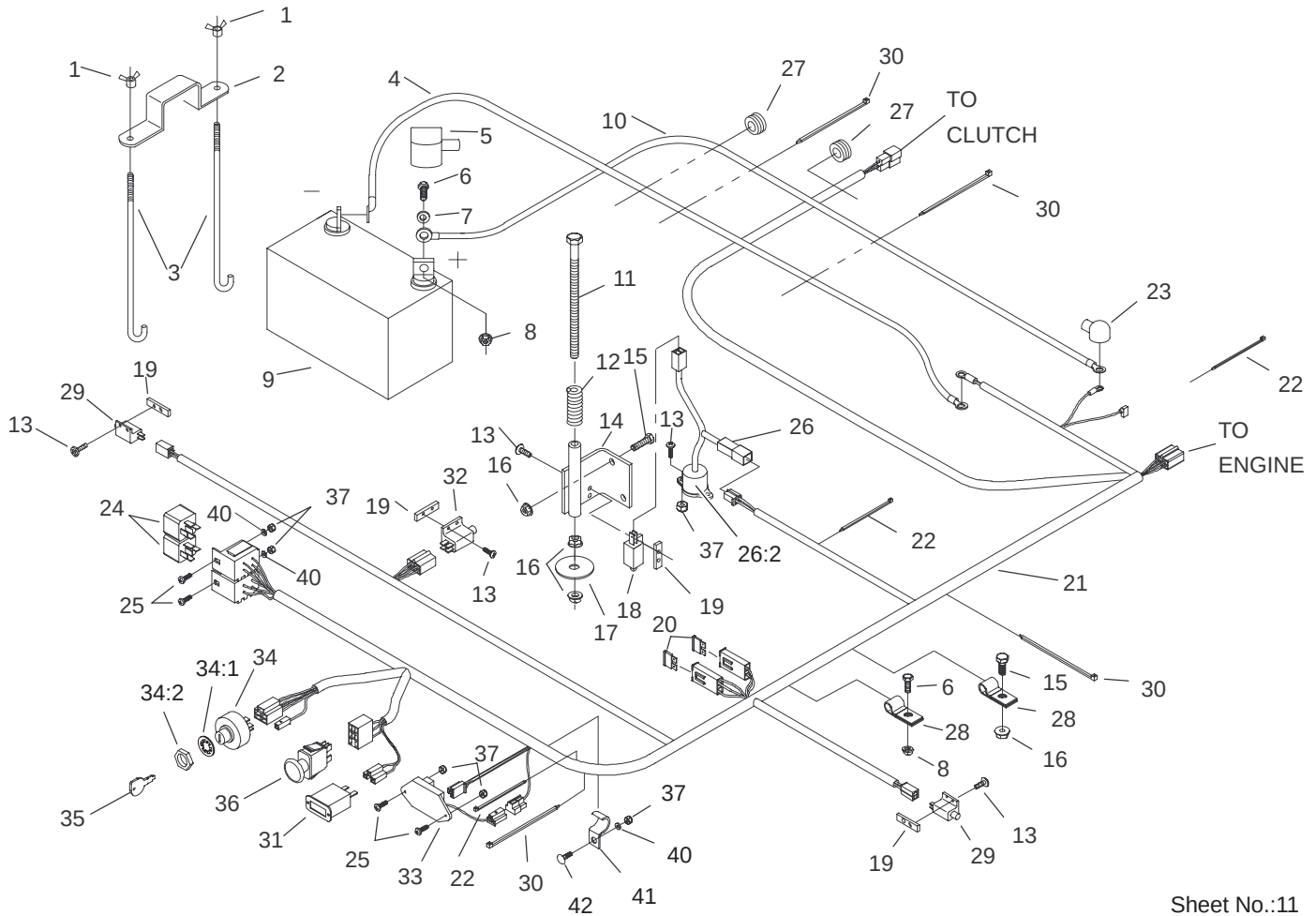
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Engine and Clutch Assembly

Ref. No.	Part No.	Qty.	Description
1	3212-10	1	Screw-HH
2	1-303334	4	Washer-Spring
3	1-653048	1	Clutch-Stop, Mag
4	1-653035	1	Sheave W/Hub
5	1-807259	1	Key
6	1-543214	1	Spacer-Crankshaft
7	322-9	4	Screw-HH
8	32128-20	19	Nut-HF
9	322-3	14	Screw-HH
10	32128-20	4	Nut-HF
11	1-652146-03	1	Strap-Guard, Engine
12	1-653095-03	1	Shield-Engine
13	1-653093-03	1	Strap-Guard, Engine
14	103-1323	1	Muffler
15	103-1366-03	1	Deflector, Lower Frame
16	322-2	3	Screw-HH
17	1-543064	1	Nipple, Pipe
18	1-303428	1	Elbow-90°
19	1-633630	2	Grommet-Brake
20	1-633545	2	Spacer-Grommet
21	1-613235	4	Washer
22	322-6	1	Screw-HH
23	1-303335	2	Tie-Plastic
24	1-523406	1	Bushing-Mount, Seat
25	1-633543-03	1	Strap-Clutch, Brake
26	322-22	1	Screw-HH

Ref. No.	Part No.	Qty.	Description
27	3256-3	3	Washer-Flat
28	1-653196	1	Bracket-Support, Muffler
30	1-653539-03	1	Shield, Heat
31	3230-1	3	Screw-CARR
32	3256-23	3	Washer-Flat
33	3296-29	3	Nut-Lock NI
34	103-1513	1	Arrester-Spark
35	103-1514	1	Clamp-Muffler
*99		1	Engine-Kohler, Cv20s Ps-6553

* Not illustrated

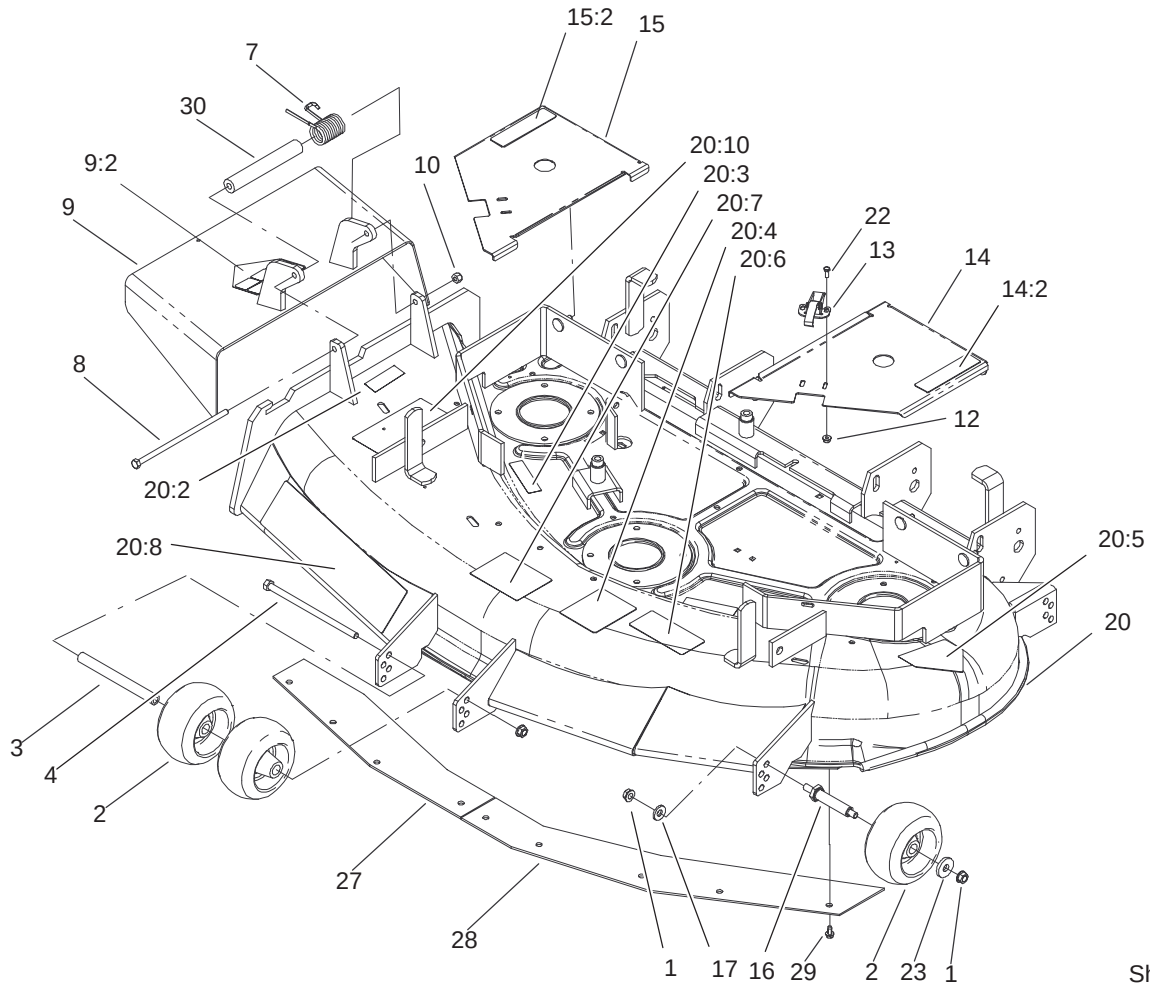


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Electrical System Assembly

Ref. No.	Part No.	Qty.	Description
1	1-543792	2	Wingnut
2	1-633652-03	1	Strap-Holddown, Battery
3	1-633651	2	Bolt-Holddown
4	103-0705	1	Cable-Ground, Negative
5	1-543391	1	Insulator-Battery
6	321-4	3	Screw-HH
7	3256-2	2	Washer-Flat
8	32128-33	3	Nut-HF
9	1-603479	1	Battery
10	1-523281	1	Wire-Starter
11	1-800282	1	Screw-HH
12	1-523415	1	Spring-Switch, Seat
13	3290-500	10	Screw-PPH
14	1-652072-03	1	Bracket-Switch, Seat
15	322-3	3	Screw-HH
16	32128-20	5	Nut-HF
17	1-653036	1	Washer
18	1-513152	1	Switch-Closed, Normally
19	1-633181	4	Plate-Tapped
20	1-816001	2	Fuse-Type, Blade
21	103-0595	1	Harness-Wire
22	1-303287	2	Tie-Plastic
23	1-543393	1	Insulator-Solenoid

Ref. No.	Part No.	Qty.	Description
24	1-643275	2	Relay
25	1-807513	4	Bolt-CARR
26	1-644427	1	Tilt Switch ASM
26:2	1-643401	1	Decal-Switch, Mercury
27	1-543286	2	Grommet
28	1-633396	2	Clip-Loom
29	1-513051	2	Switch-Open, Normally
30	1-303335	4	Tie-Plastic
31	1-513374	1	Meter-Hours
32	1-633111	1	Switch
33	100-6186	1	Module-Delay, Seat
34	88-9830	1	Key Switch ASM
34:1	3254-5	1	Washer-Lock, Internal
34:2	218-461	1	Nut-HH
35	63-8360	2	Key-Ignition
36	1-633673	1	Switch-Delta
37	3296-2	7	Nut-Lock
40	3256-14	1	Washer-Flat
41	103-1193	1	Clip,Loom Half
42	1-807533	1	Bolt,CARR Gr2 #10-24x5/8

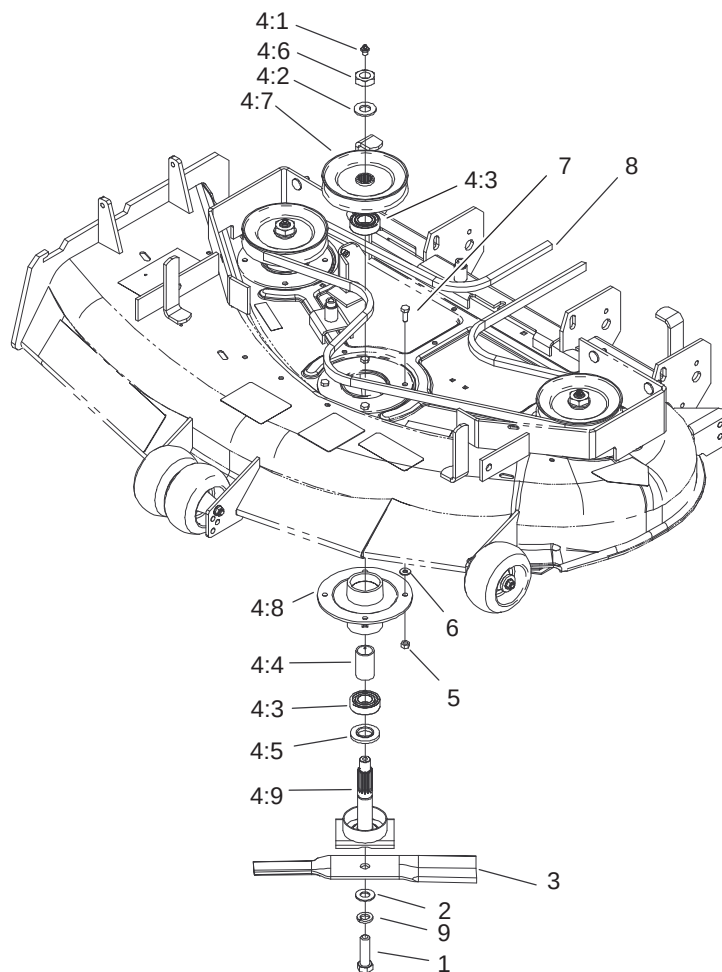


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Deck Assembly

Ref. No.	Part No.	Qty.	Description
1	3290-357	7	Nut-Flange, Lock
2	68-2730	5	Wheel-Gage
3	98-5967	1	Spacer - Wheel
4	323-28	1	Screw-HH
7	104-8554	1	Spring-Torsion
8	322-50	1	Screw-Cap
9	104-7783	1	Deflector ASM
9:2	54-9220	1	Decal-Danger
10	3296-29	1	Nut-Lock NI
12	32128-17	4	Nut-Lock, Flange
13	249-21	2	Clamp-Slotted
14	99-3928	1	LH Cover ASM
14:2	67-5360	1	Decal-Danger
15	99-3929	1	RH Cover ASM
15:2	67-5360	1	Decal-Danger
16	99-2842	3	Spacer-Wheel
17	98-5975	3	Washer-Belleville
20	104-7782	1	Deck ASM
20:2	104-8569	1	Decal-Deflector Warning
20:3	98-5954	3	Decal-Missing, Cover
20:4	99-3943	1	Decal-Routing, Belt
20:5	43-8480	1	Decal-Danger
20:6	93-7818	1	Decal-Torque, Blade Bolt
20:7	98-3798	1	Decal-Wheel, Gage

Ref. No.	Part No.	Qty.	Description
20:8	98-8028	1	Decal-Sfs 44"
20:10	66-1340	1	Decal-Danger
22	3290-321	4	Screw-HWH
23	1-373034	3	Washer-Swivel
27	100-3257-03	1	Plate-Blowout, RH
28	100-3258-03	1	Plate-Blowout, LH
29	12-3270	9	Screw
30	104-8555	1	Spacer-Mounting, Deflector

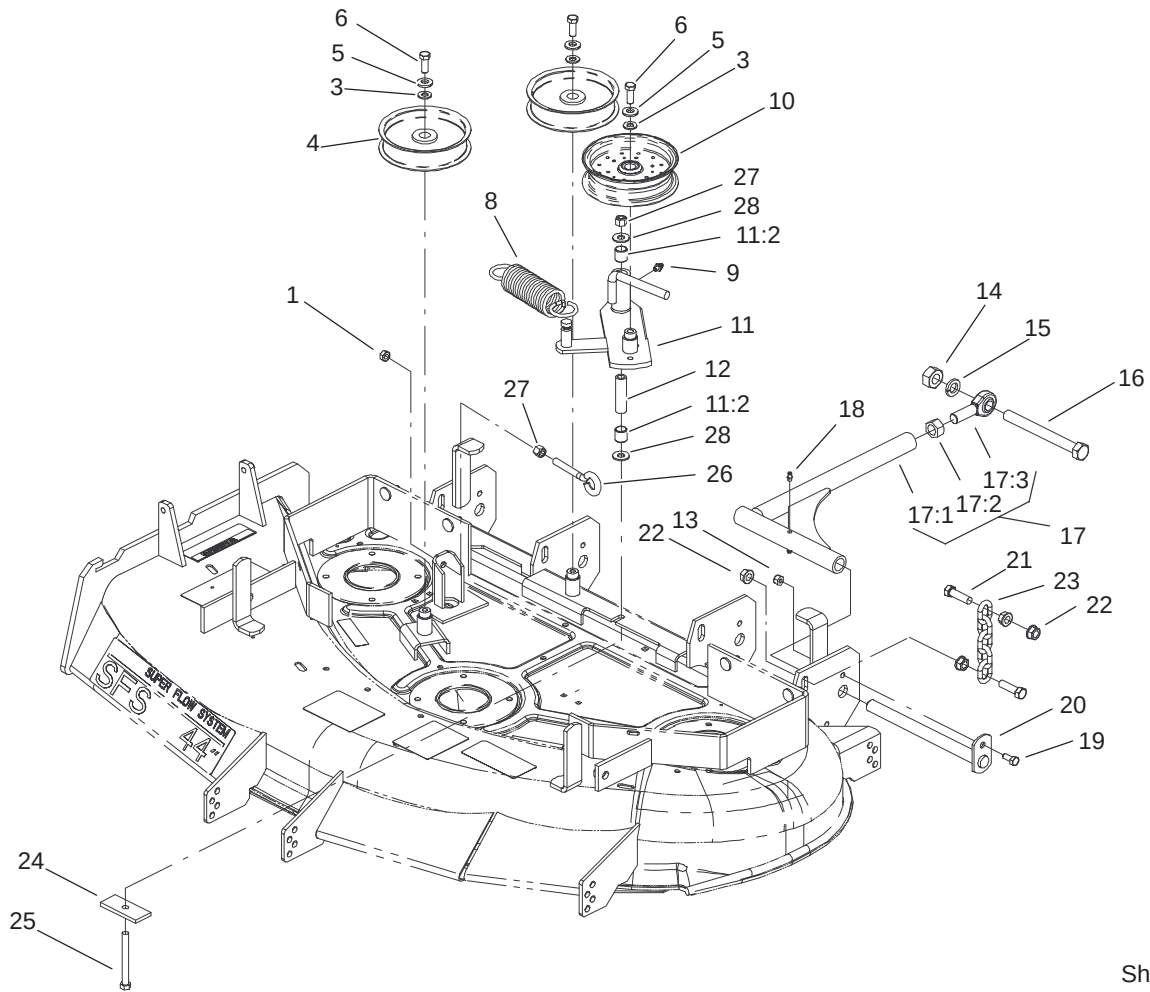


Sheet No.:13

Deck Spindle Assembly

Ref. No.	Part No.	Qty.	Description
1	51-4060	3	Screw-Blade
2	3256-27	3	Washer-Flat
3	54-0010	3	Blade
4	100-3977	3	Spindle Housing ASM
4:1	302-2	1	Fitting-Grease
4:2	7-4150	1	Washer-Pinion
4:3	251-257	2	Bearing
4:4	67-7580	1	Spacer-Bearing
4:5	67-7570	1	Spacer-Spindle
4:6	32146-20	1	Nut-Jam
4:7	100-3975	1	Pulley And Hub ASM
4:8	67-7590	1	Housing-Spindle
4:9	100-3974	1	Spindle Shaft ASM
5	32152-1	12	Nut-Lock, NI
6	3256-2	4	Washer-Flat
7	322-4	12	Screw-HH
8	98-3780	1	V-Belt-Drive
9	3253-8	3	Washer-Lock

Ref. No.	Part No.	Qty.	Description

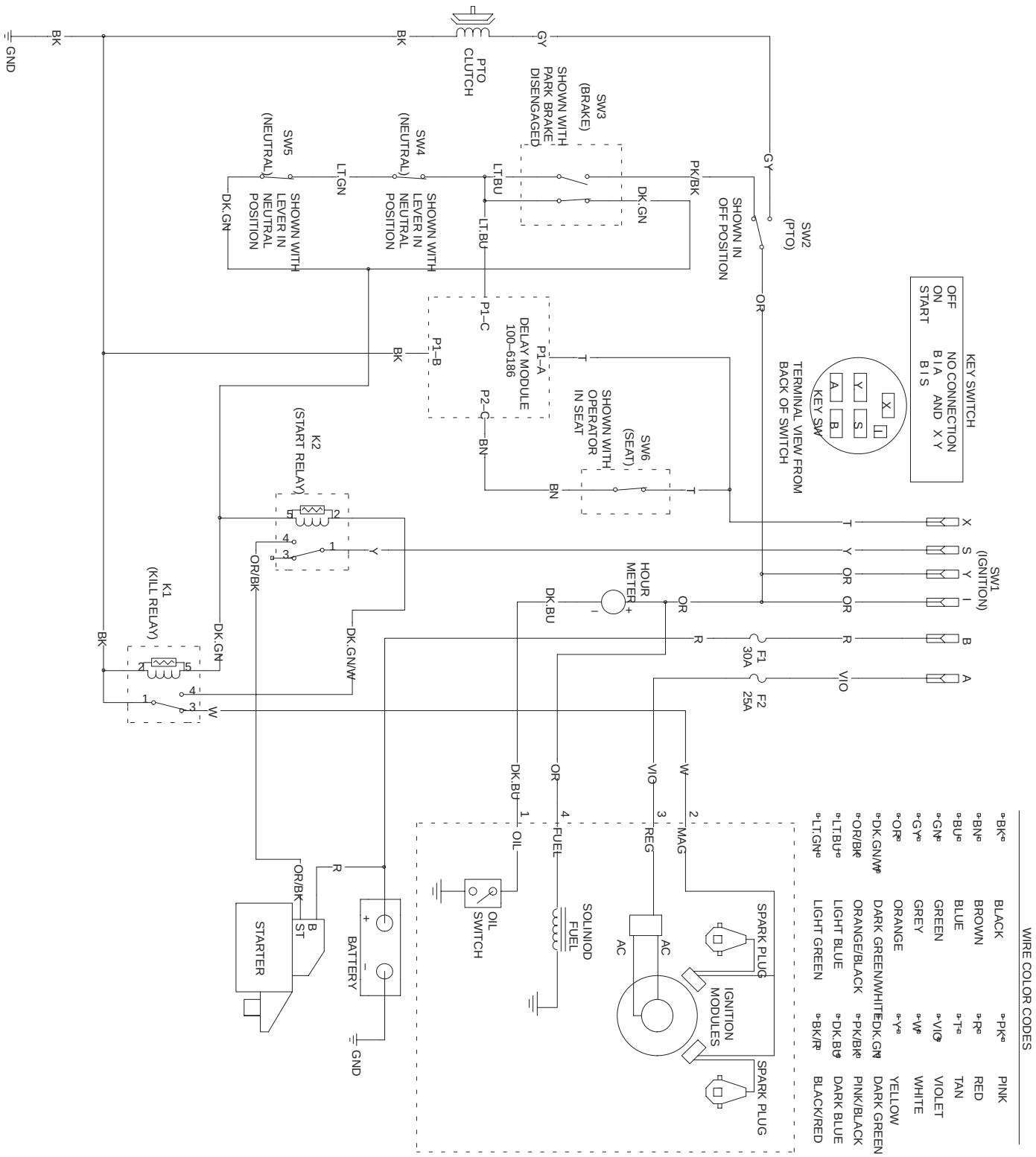


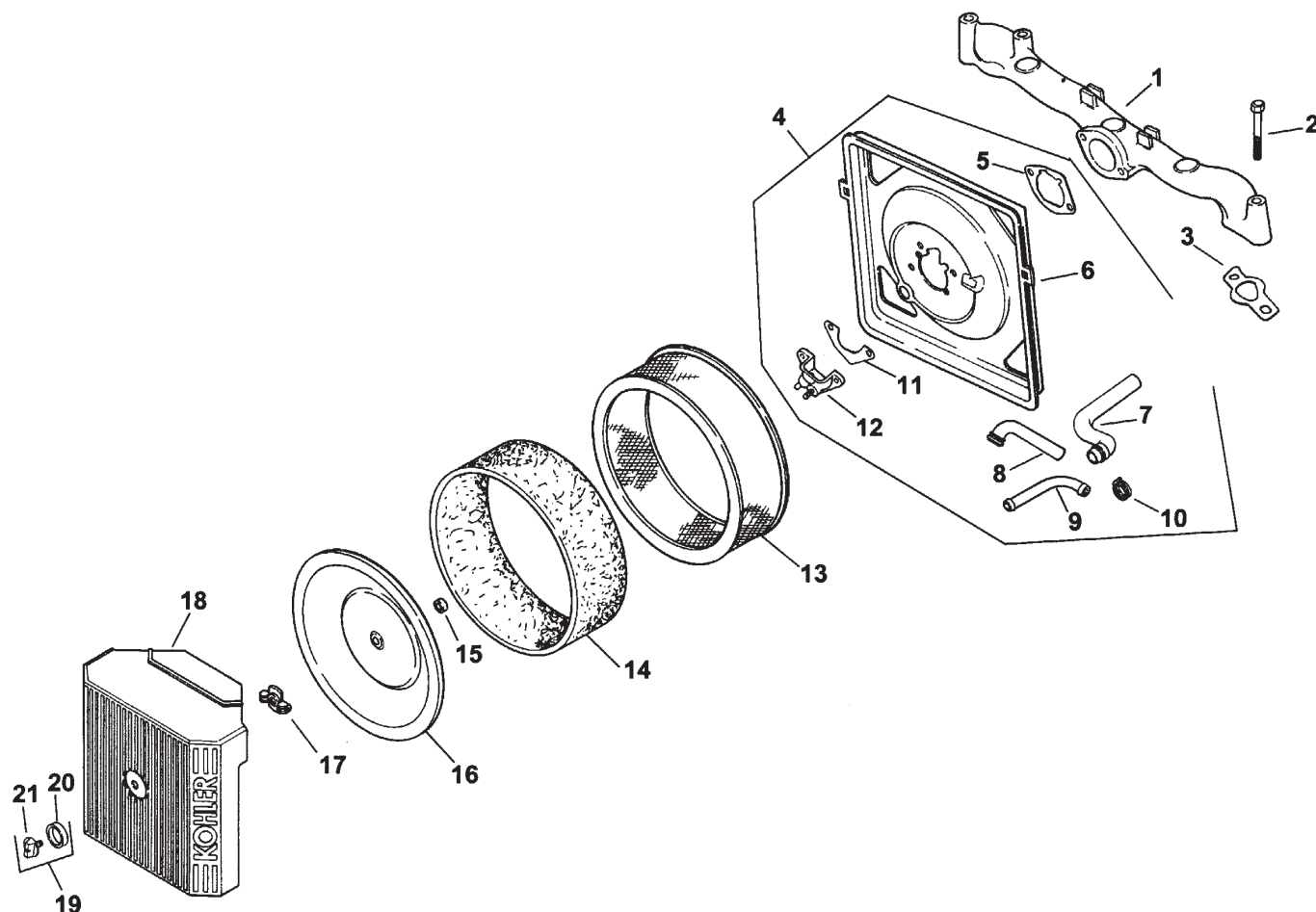
Sheet No.:16

Idler, Pulley/Lift Strut Chains Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3217-7	1	Nut-Hex	25	1-800805	1	Screw-HH
3	3256-24	3	Washer-Flat	26	94-2547	1	Eyebolt
4	1-613098	2	Pulley-Idler	27	3296-39	2	Nut-Lock, NI
5	98-5975	3	Washer-Belleville	28	1-809107	2	Washer-Hardened
6	323-6	3	Screw-HH				
8	1-633151	1	Spring-Extension				
9	302-40	1	Fitting-Grease				
10	99-8912	1	Pulley-Idler, Flat				
11		1	Idler Arm ASM				
11:2	1-513034	2	Sleeve-Bearing				
12	1-603384	1	Bushing-Pivot, Idler				
13	3296-29	2	Nut-Lock NI				
14	3217-11	2	Nut-Hex				
15	3253-8	2	Washer-Lock				
16	1-800344	2	Screw				
17	103-1081	2	Strut ASM				
17:1	103-1072-01	1	Strut-Deck				
17:2	3219-6	1	Nut-Hex				
17:3	1-633029	1	Balljoint-Spherical				
18	302-19	4	Fitting-Grease				
19	1-632199-01	2	Pin-Strut, Deck				
20	322-3	2	Screw-HH				
21	1-800811	8	Screw-Cap, HH				
22	32128-37	16	Nut-HF				
23	1-633447	4	Chain-Lift, Deck				
24	99-3946-01	1	Plate-Retainer, Bolt				

Electrical Schematic





Air Intake Assembly

Ref. No.	Part No.	Qty.	Description
1	24 164 06	1	Manifold, intake
2	M-0651055	4	Screw, hex. flange
3	24 041 01	2	Gasket, intake manifold
4	24 755 86	1	Kit, air cleaner base (Includes 5-12)
5	24 041 14	1	Gasket, air cleaner base
6	24 094 19	1	Base, air cleaner
7	24 326 13	1	Hose, breather
8	24 326 14	1	Hose, breather
9	24 294 06	1	Fitting
10	X-426-9	2	Clamp, hose
11	24 041 13	1	Gasket, fuel spitback cup
12	24 109 10	1	Cup, fuel spitback
13	47 083 03	1	Element, air cleaner
14	24 083 02	1	Precleaner, element
15	24 032 03	1	Seal, breather
16	24 096 01	1	Cover, inner air cleaner
17	12 100 01	1	Wing Nut
18	24 096 24	1	Cover, air cleaner
19	54 755 01	1	Kit, knob with seal (Includes 20,21)
20	24 153 15	1	O-Ring
21	25 341 03	1	Knob, cover

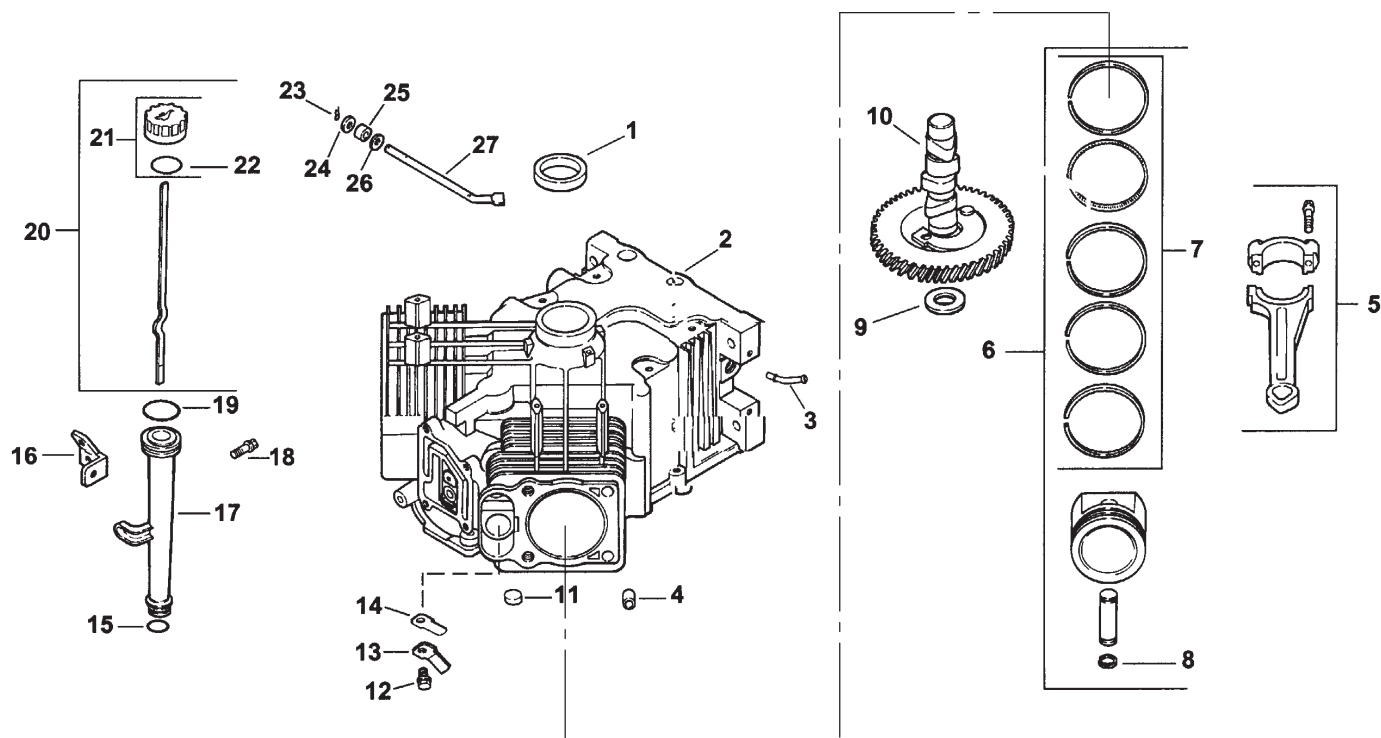
Ref. No.	Part No.	Qty.	Description

Obtain Parts From Kohler



Ref. No.	Part No.	Qty.	Description

20



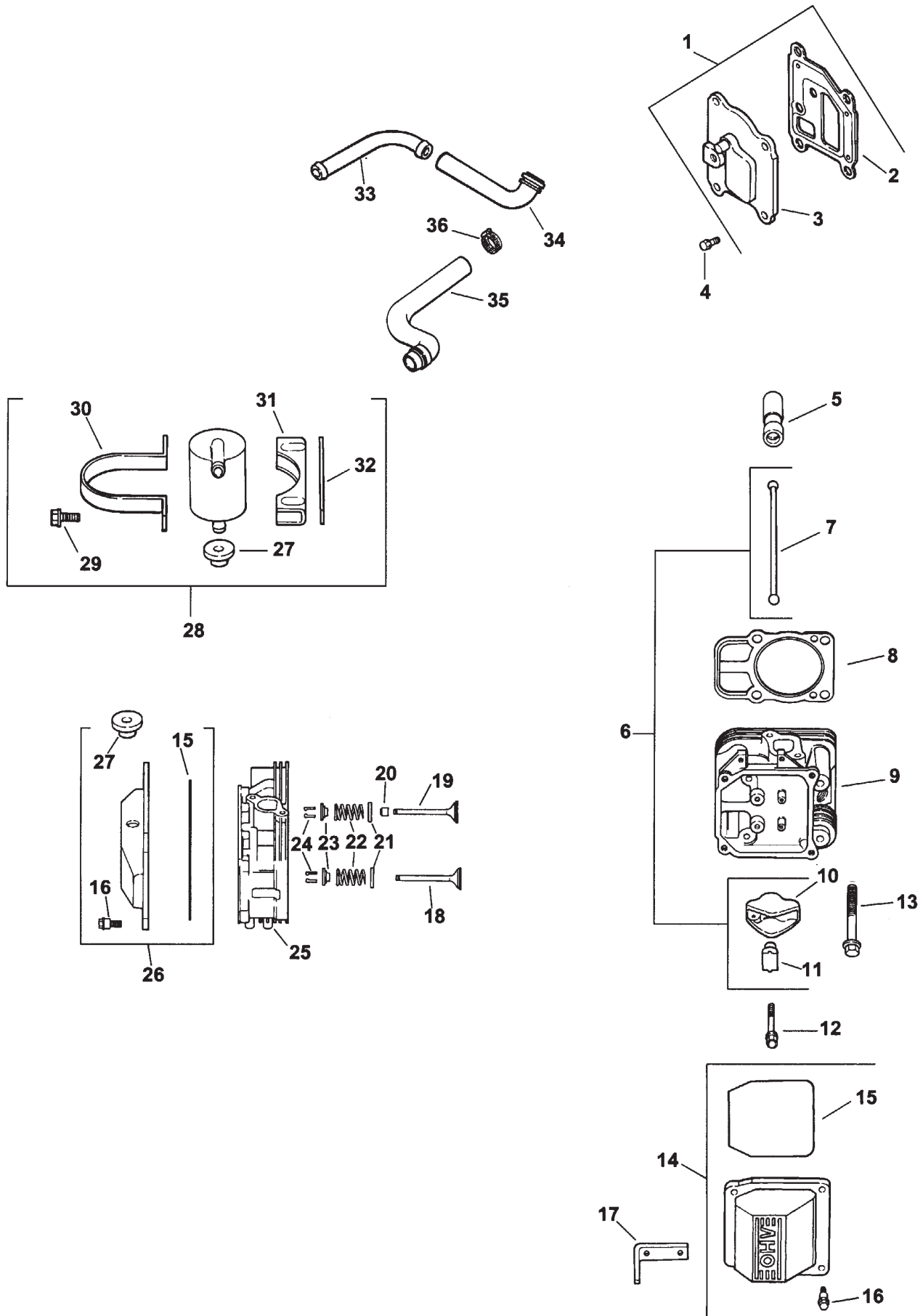
Crankcase Assembly

Ref. No.	Part No.	Qty.	Description
1	24 032 01	1	Seal, oil front
2	24 782 05	1	Cylinder Block
3	24 294 13	1	Fitting
4	12 380 17	6	Pin, dowel locating
5	24 067 13	2	Connecting Rod (Std.)
	24 067 14	2	Connecting Rod (.25)
6	24 874 01	2	Piston w/Ring Set Std. (Includes 7-8)
	24 874 02	2	Piston w/Ring Set (.25)
	24 874 03	2	Piston w/Ring Set (.50)
7	24 108 01	2	Ring Set (Std.)
	24 108 02	2	Ring Set (.25)
	24 108 03	2	Ring Set (.50)
8	24 018 01	4	Retainer, piston pin
9	12 422 09	A/R	Shim, camshaft red
	12 422 13	A/R	Shim, camshaft black
	12 422 07	A/R	Shim, camshaft white
	12 422 08	A/R	Shim, camshaft blue
	12 422 10	A/R	Shim, camshaft yellow
	12 422 11	A/R	Shim, camshaft green
	12 422 12	A/R	Shim, camshaft gray
10	24 012 10	1	Camshaft
11	52 139 09	1	Plug, cup
12	M-0545010	2	Screw, hex. flange
13	24 018 04	2	Retainer, reed
14	24 402 05	2	Reed, breather

Ref. No.	Part No.	Qty.	Description
15	12 153 01	1	O-Ring, lower oil fill
16	24 126 19	1	Bracket, oil fill tube
17	12 123 04	1	Tube, oil fill
18	M-0545016	1	Screw, hex. flange
19	12 153 02	1	O-Ring, upper oil fill
20	24 038 04	1	Dipstick assembly (Includes 21,22)
21	25 755 13	1	Kit, oil fill cap (Includes 22)
22	12 153 03	1	O-Ring, dipstick
23	12 380 04	1	Pin, hitch
24	M-0631005	1	Washer, plain 6 mm
25	12 032 01	1	Seal, gvrn. cross shaft
26	X-25-102	1	Washer, plain 1/4"
27	24 144 01	1	Shaft, governor cross

Obtain Parts From Kohler

Head/Valve/Breather Assembly

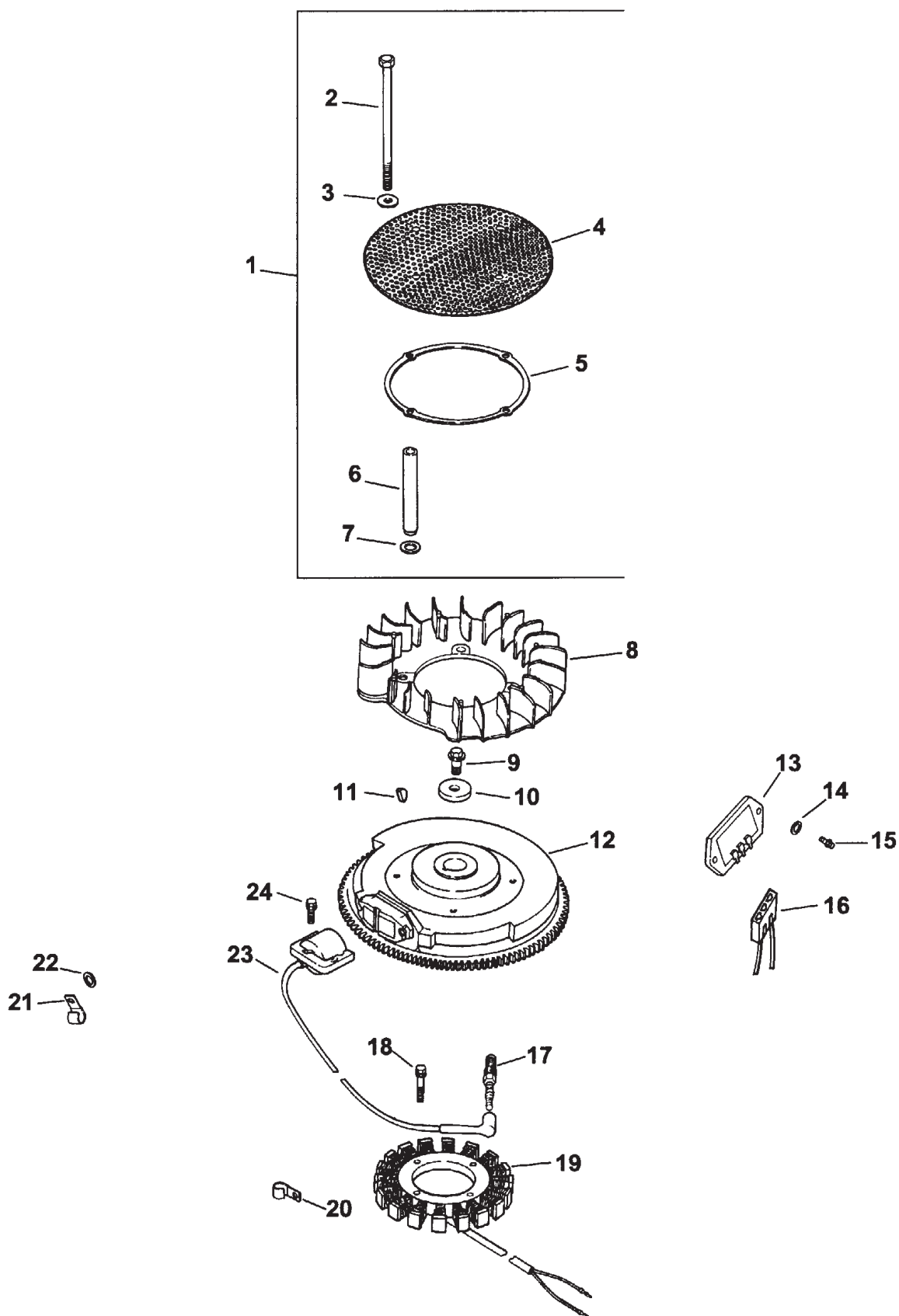


Head/Valve/Breather Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	24 033 03	1	Kit, breather cover w/gasket (Incl. 2,3)				
2	24 041 23	1	Gasket, breather				
3	24 096 59	1	Cover, breather				
4	M-0645020	4	Screw, hex. flange				
5	25 351 01	4	Lifter, valve				
6	24 755 66	1	Kit, valve train (Includes 7,10,11)				
7	24 411 05	4	Rod, push				
8	24 041 08	2	Gasket, cylinder head				
9	24 318 12	1	Head assembly, #2 cylinder				
10	25 186 01	4	Arm, rocker				
11	24 599 01	4	Pivot, rocker arm				
12	M-0640034	4	Screw, hex. flange				
13	12 086 16	8	Screw, hex. flange				
14	24 755 74	1	Kit, valve cover – plain (Includes 15,16)				
15	24 153 16	1	O-Ring				
16	24 086 32	4	Screw, shoulder				
17	24 445 01	1	Strap, lifting				
18	24 016 01	2	Valve, exhaust (Std.)				
	24 016 02	2	Valve, exhaust (.25)				
19	24 017 01	2	Valve, intake (Std.)				
	24 017 02	2	Valve, intake (.25)				
20	24 032 05	2	Seal, valve stem				
21	235011	4	Retainer, spring				
22	24 089 02	4	Spring, valve				
23	12 173 01	4	Cap, valve spring				
24	12 755 03	4	Kit, retainer				
25	24 318 11	1	Head assembly, #1 cylinder				
26	24 755 76	1	Kit, valve cover breather (Incl. 15,16,27)				
27	25 313 02	1	Grommet, rubber				
28	24 755 57	1	Kit, breather separator (Includes 27,29-32)				
29	M-0545016	2	Screw, hex. flange				
30	24 445 02	1	Strap, breather				
31	24 126 44	1	Bracket, breather separator				
32	24 112 12	1	Spacer				
33	24 294 06	1	Fitting				
34	24 326 13	1	Hose, breather				
35	24 326 14	1	Hose, breather				
36	X-426-9	2	Clamp, hose 1/2"				

Obtain Parts From Kohler

Ignition/Electrical Assembly



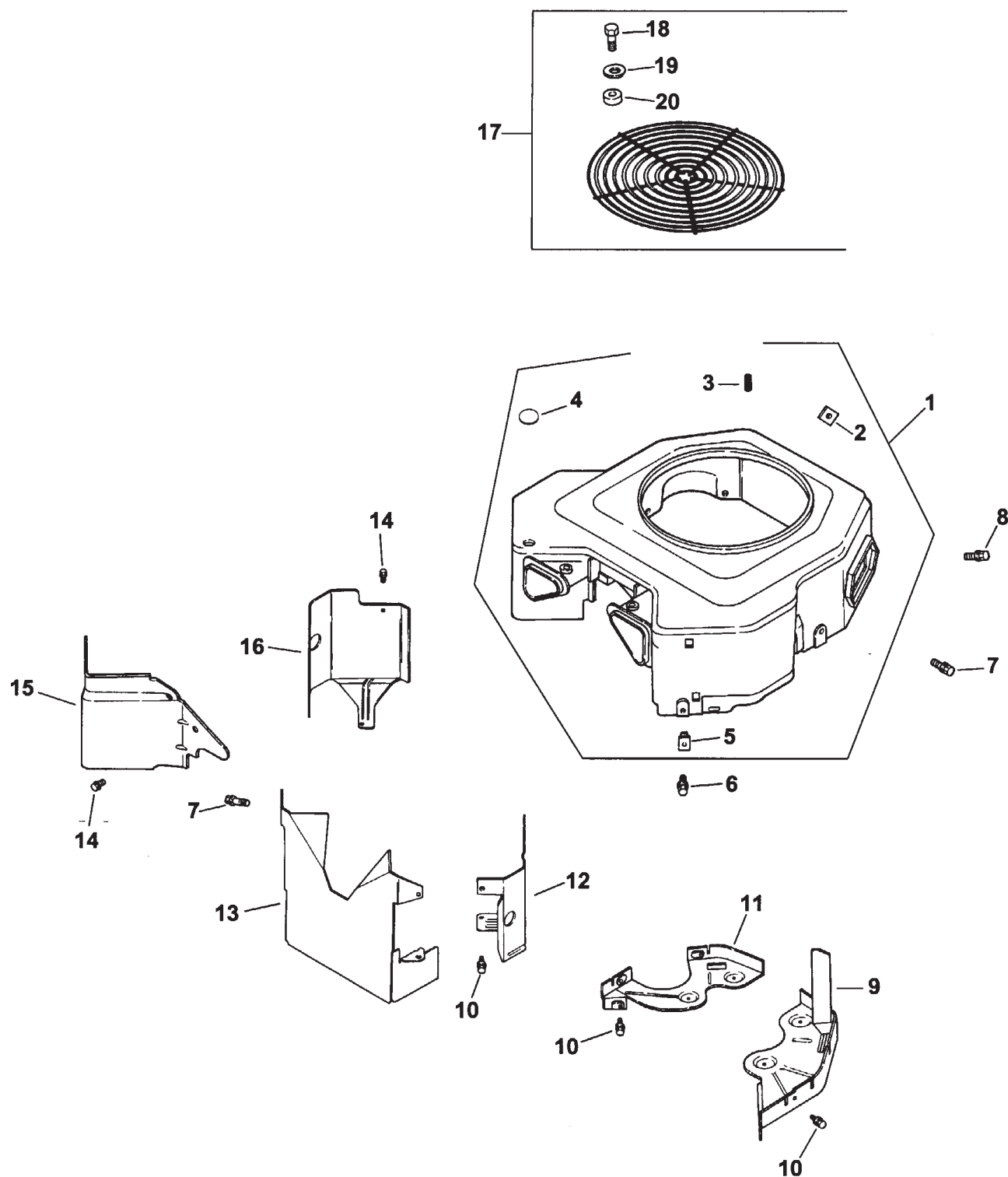
Ignition/Electrical Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	24 755 79	1	Kit, chopper screen (Includes 2-7)				
2	M-0603100	4	Screw, hex. cap				
3	X-25-53	4	Washer, plain 1/4"				
4	24 162 25	1	Screen, grass				
5	24 141 06	1	Ring, support				
6	24 112 14	4	Spacer, grass screen				
7	24 468 11	4	Washer, spring 10 mm				
8	24 157 03	1	Fan				
9	12 086 14	1	Screw, hex. flange				
10	12 468 03	1	Washer, plain 3/8"				
11	X-42-15	1	Key				
12	24 025 04	1	Flywheel				
13	25 403 03	1	Rectifier-regulator				
14	X-25-92	2	Washer, plain 3/16"				
15	24 086 18	2	Screw, phillips hd.				
16	236602	1	Connector (3 contact)				
17	12 132 06	2	Spark Plug				
18	M-0548025	2	Screw, hex. cap				
19	54 755 09	1	Kit, 15 amp stator (Includes Bracket, stator wire 24 126 71)				
20	235173	1	Clip, cable				
21	48 154 02	1	Clip, cable				
22	X-25-63	1	Washer, plain 1/4"				
23	24 584 01	2	Module, ignition				
24	M-0545020	4	Screw, hex. flange				
*	24 126 71	1	Bracket, stator wire				
*	X-22-11	1	Washer, plain 1/4" (to ground rectifier-regulator)				
*	25 086 43	1	Screw, set				
*	24 176 07	1	Harness, wiring				
*	25 518 28	1	Lead, black (rectifier-regulator 4" 18 gauge - insulated grip barrel eyelets)				

Obtain Parts From Kohler

* Not Illustrated

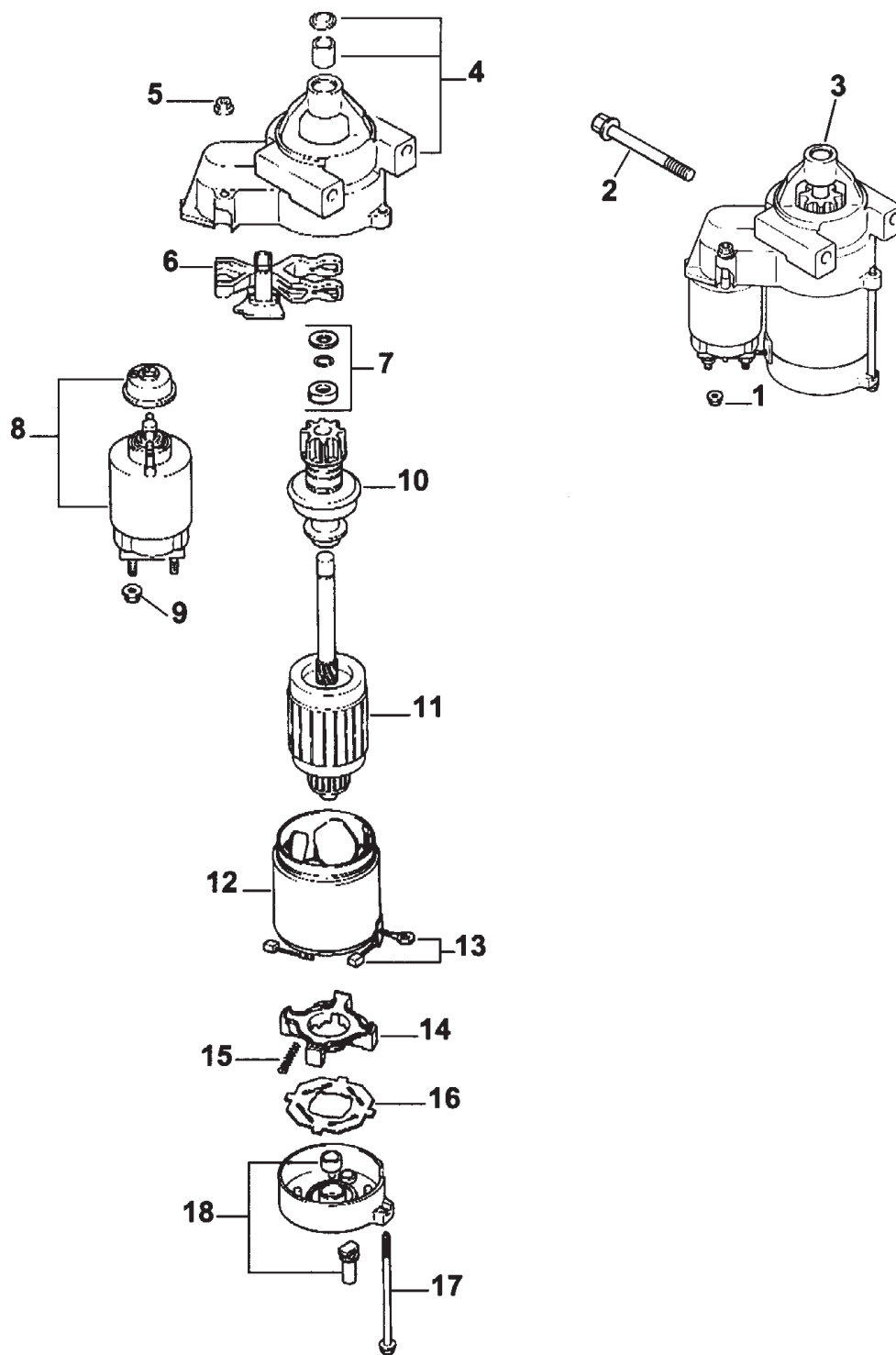
Blower Housing & Baffles Assembly



Ref. No.	Part No.	Qty.	Description

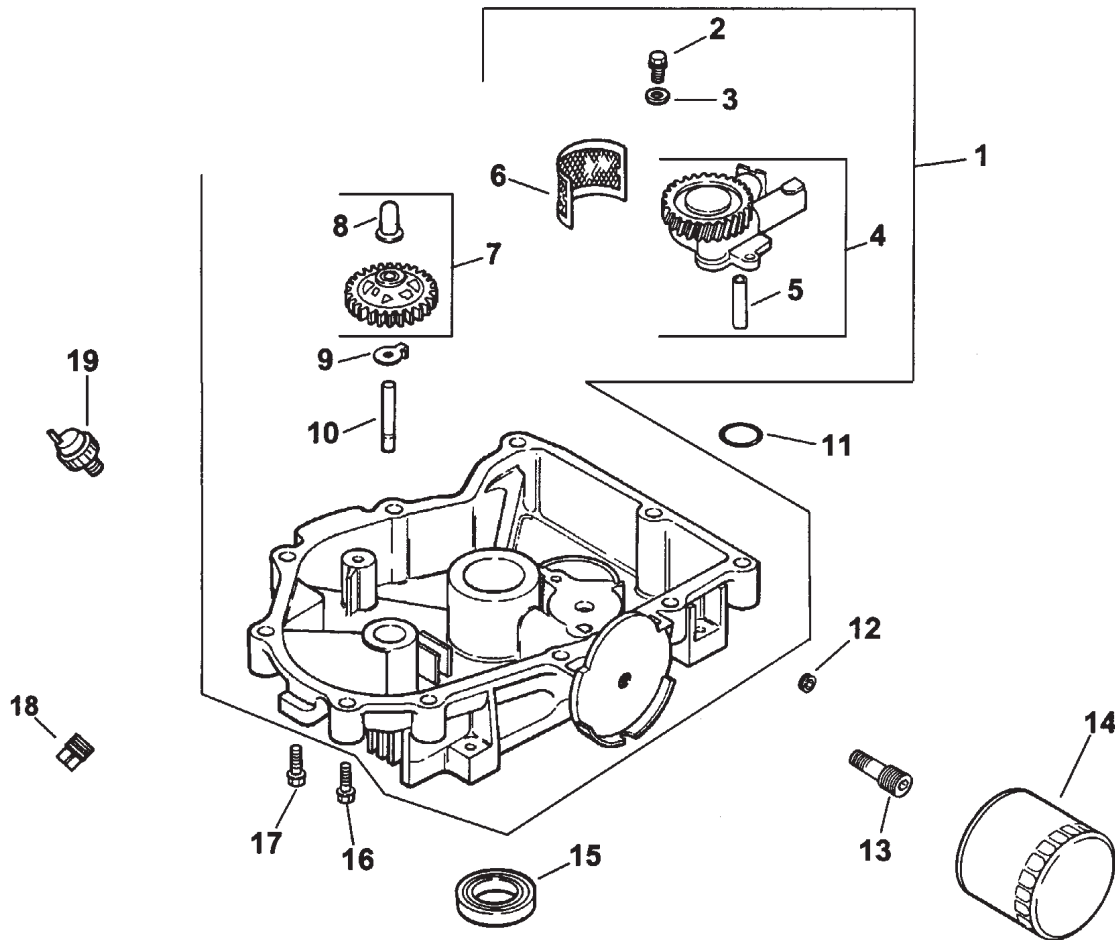
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Starting System Assembly



Ref. No.	Part No.	Qty.	Description

29

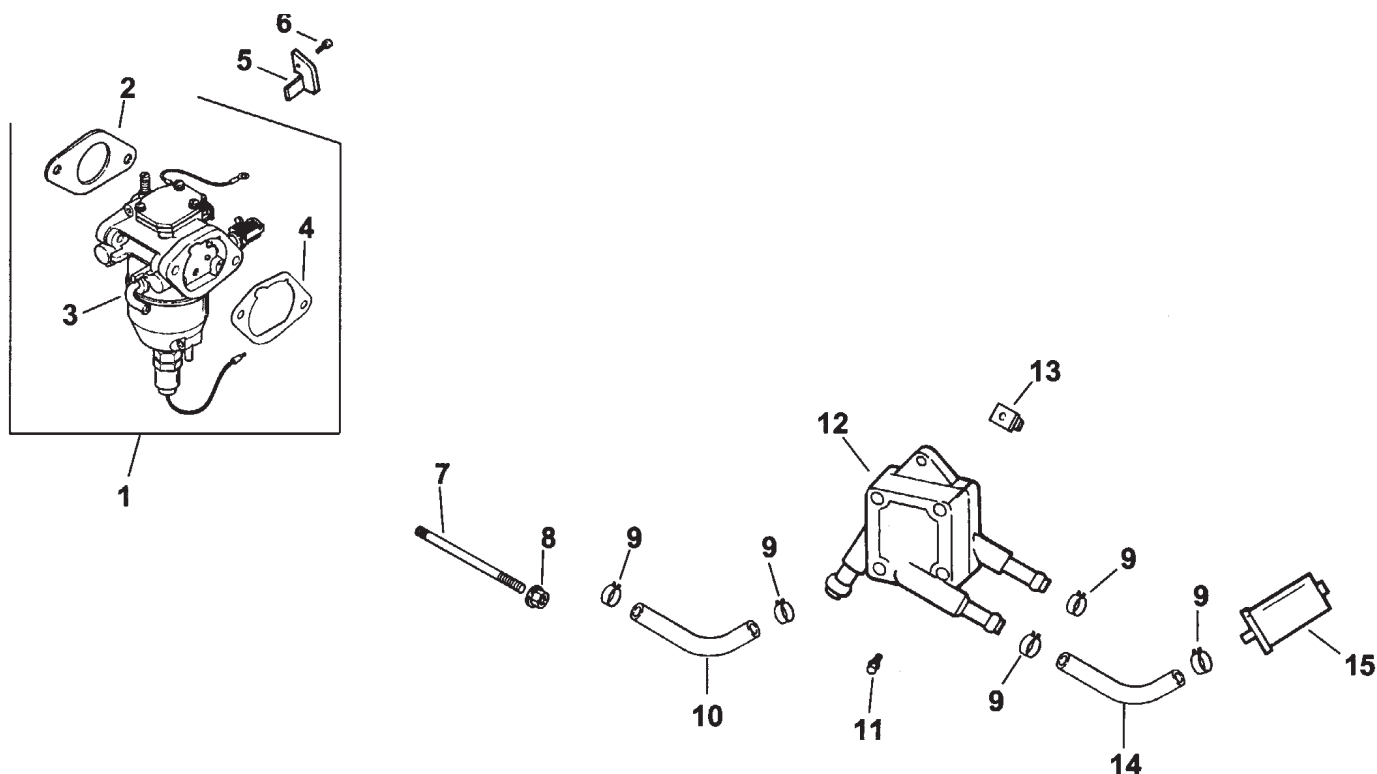


Oil Pan/Lubrication Assembly

Ref. No.	Part No.	Qty.	Description
1	24 199 07	1	Pan, oil assembly (Includes 2-10)
2	M-0645025	2	Screw, hex. flange
3	M-0631005	2	Washer, plain 6 mm
4	24 393 08	1	Oil pump assembly (Includes 5)
5	24 123 05	1	Tube, oil pickup
6	24 162 26	1	Screen, oil
7	24 043 12	1	Kit, governor gear w/pin (Includes 8)
8	12 380 01	1	Pin, gvrn. regulating
9	52 448 02	1	Tab, locking
10	12 144 02	1	Shaft, governor gear
11	24 153 08	1	O-Ring
12	X-75-32	1	Plug, hex. ctsk. 3/8"
13	24 136 01	1	Nipple, oil filter
14	52 050 02	1	Filter, oil
15	52 032 08	1	Seal, oil (PTO end)
16	24 086 17	1	Screw, hex. flange
17	24 086 16	9	Screw, hex. flange
18	X-75-10	1	Plug, hex. head 3/8"
19	24 099 03	1	Switch, oil pressure

Ref. No.	Part No.	Qty.	Description

Obtain Parts From Kohler

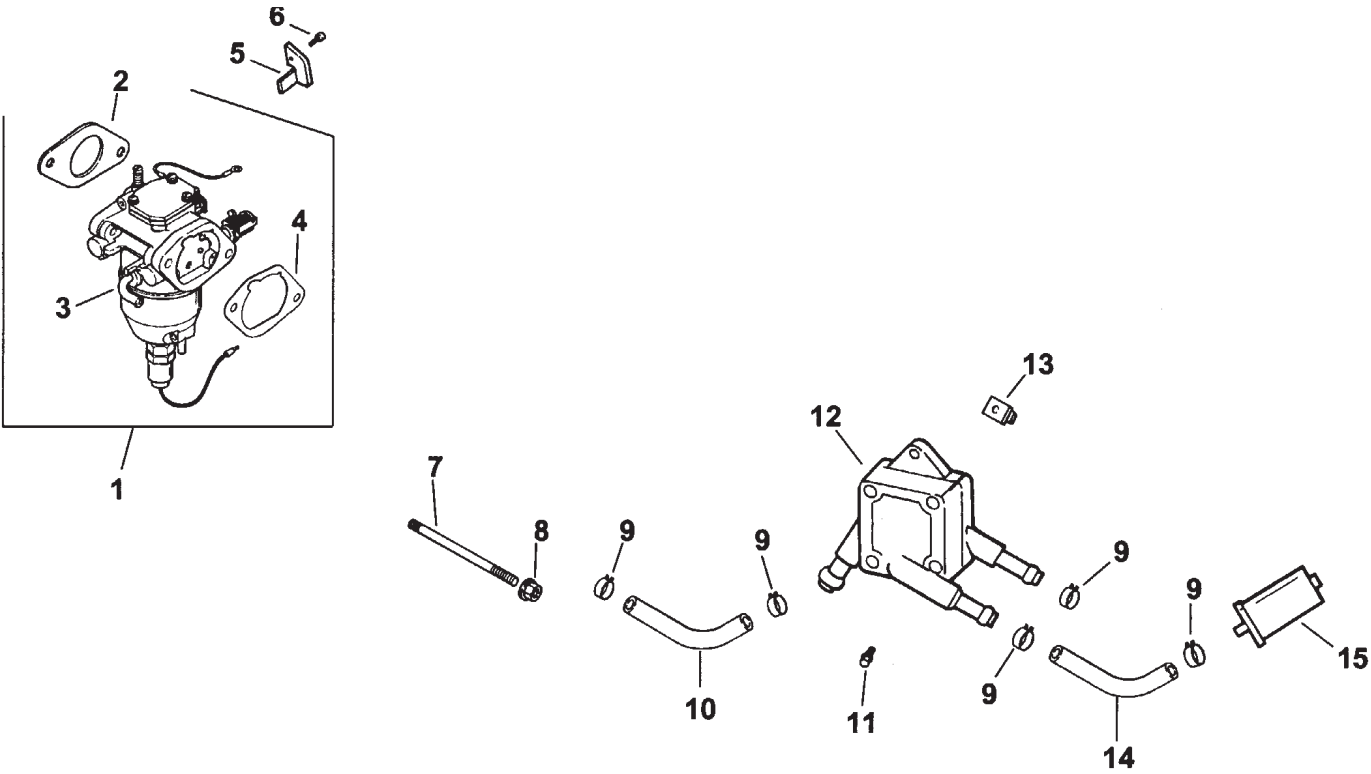


Fuel System Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	24 853 25	1	Kit, carburetor with gaskets (Includes 2-4)				adjusting screw, float, float pin, float valve, float chamber gasket, throttle adjusting screw spring, idle adjusting screw spring, passage cover gasket)
2	24 041 15	1	Gasket, carburetor	*	24 757 19		Kit, choke repair w/gaskets (Includes air cleaner base gasket, carburetor gasket, valve set screw, choke valve, choke shaft filter, choke arm return spring, choke lever ring, choke collar, choke shaft assembly, choke lever assembly)
3	24 053 25	1	Carburetor assembly (For information only not available separately) (Includes 24 757 18, 24 757 19, 24 757 20, 24 757 22)				Kit, gasket (Includes air cleaner base gasket, carburetor gasket, float chamber gasket, passage cover gasket)
4	24 041 14	1	Gasket, air cleaner				
5	24 126 53	1	Bracket, throttle stop				
6	M-0259005	1	Screw, pan hd.				
7	M-0629095	2	Stud				
8	M-0641060	2	Nut, hex. flange				
9	X-426-9	6	Clamp, hose				
10	24 353 03	2	Line, fuel 10-1/2"				
11	24 086 12	2	Screw, hex. cap.				
12	24 393 04	1	Pump, fuel - pulse	*	24 757 20		
13	24 100 01	2	Nut, plastic				
14	25 353 10	1	Line, fuel 9"				
15	24 050 02	1	Filter, fuel				
*	24 757 18		Kit, overhaul w/gaskets (Includes air cleaner base gasket, carburetor gasket, throttle adjusting screw, gasket, idle				

Obtain Parts From Kohler

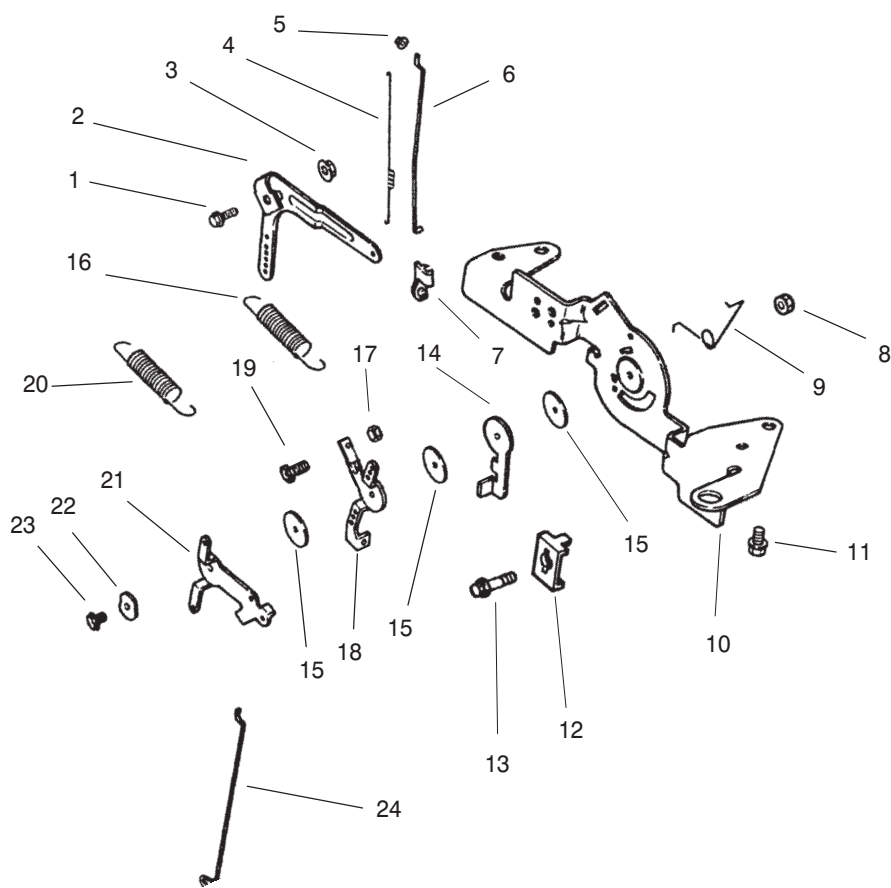
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Fuel System Assembly (Continued)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
*	24 757 22		Kit, solenoid replacement w/gaskets (Includes air cleaner base gasket, carburetor gasket, solenoid gasket, chamber screw gasket, solenoid holder, solenoid valve)				

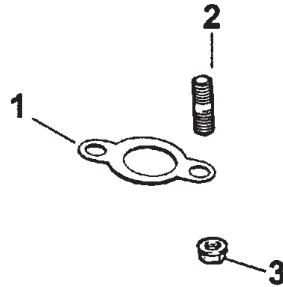
Obtain Parts From Kohler
* Not Illustrated



Engine Controls Assembly

Ref. No.	Part No.	Qty.	Description
1	SM-0642025	1	Screw, hex. flange
2	24 090 14	1	Lever, governor
3	M-0641060	1	Nut, hex. flange
4	24 089 01	1	Spring, linkage
5	25 158 08	1	Bushing, linkage retaining
6	24 079 04	1	Linkage, throttle
7	25 158 11	1	Bushing, throttle linkage
8	M-0547050	1	Nut, hex. lock
9	24 089 03	1	Spring, choke return
10	24 126 56	1	Bracket, control
11	M-0645016	4	Screw, hex. flange
12	12 237 01	2	Clamp, cable
13	M-0545016	3	Screw, hex. flange
14	24 090 07	1	Lever, throttle actuator
15	24 468 01	3	Washer, plain 5.5 mm
16	24 089 15	1	Spring, governor
17	M-0446030	1	Nut, hex.
18	24 090 03	1	Lever, throttle control
19	M-0545020	1	Screw, hex. flange
20	24 089 38	1	Spring, throttle limiter
21	24 090 05	1	Lever, choke
22	41 468 03	1	Washer, spring 1/4"
23	M-0403025	1	Screw, hex. cap
24	24 079 05	1	Linkage, choke

Obtain Parts From Kohler



Exhaust Assembly

Ref. No.	Part No.	Qty.	Description
1	24 041 02	2	Gasket, exhaust
2	25 072 04	4	Stud
3	M-0841080	4	Nut, muffler mounting
	24 522 14	1	Short Block
	24 782 05	1	Miniblock
	24 755 03	1	Gasket Set

Ref. No.	Part No.	Qty.	Description

Obtain Parts From Kolher

Maintenance Record

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