



Z255

Z Master[®] with 72in SFS Side Discharge Mower

Model No. 74227—220000001 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.

Contents

Description	Page
Front Frame Assembly	4
Caster and Wheel Assembly	5
Main Frame Assembly	6
Brake and Wheel Hub Assembly	7
Steering Control Assembly	8
Hydraulic System Assembly	9
Seat Assembly	11
Deck Connection Assembly	12
Drive Idler Assembly	13
Z–Stand Assembly	14
Engine and Clutch Assembly	15
Guard Assembly	16
Fuel System Assembly	17
Electrical System Assembly	18
Deck, Deflector and Roller Assembly	19
Spindle and Pulley Assembly	20
Belt and Idler Arm Assembly	21
Electrical Schematic	22
Group 1 – Crankshaft Assembly	
Kohler CH25S–68695	23

Description	Page
Group 2 – Crankcase Assembly	
Kohler CH25S–68695	24
Group 3 – Oil Pan/Lubrication Assembly	
Kohler CH25S–68695	25
Group 4 – Head/Valve/Breather Assembly	
Kohler CH25S–68695	26
Group 5 – Ignition/Electrical Assembly	
Kohler CH25S–68695	27
Group 6 – Blower Housing and Baffle Assembly	
Kohler CH25S–68695	28
Group 7 – Starting System Assembly	
Kohler CH25S–68695	29
Group 8 – Fuel System Assembly	
Kohler CH25S–68695	30
Group 9 – Engine Control Assembly	
Kohler CH25S–68695	31
Group 10 – Air Intake/Filtration Assembly	
Kohler CH25S–68695	32
Group 11 – Exhaust Assembly	
Kohler CH25S–68695	33

Accessories

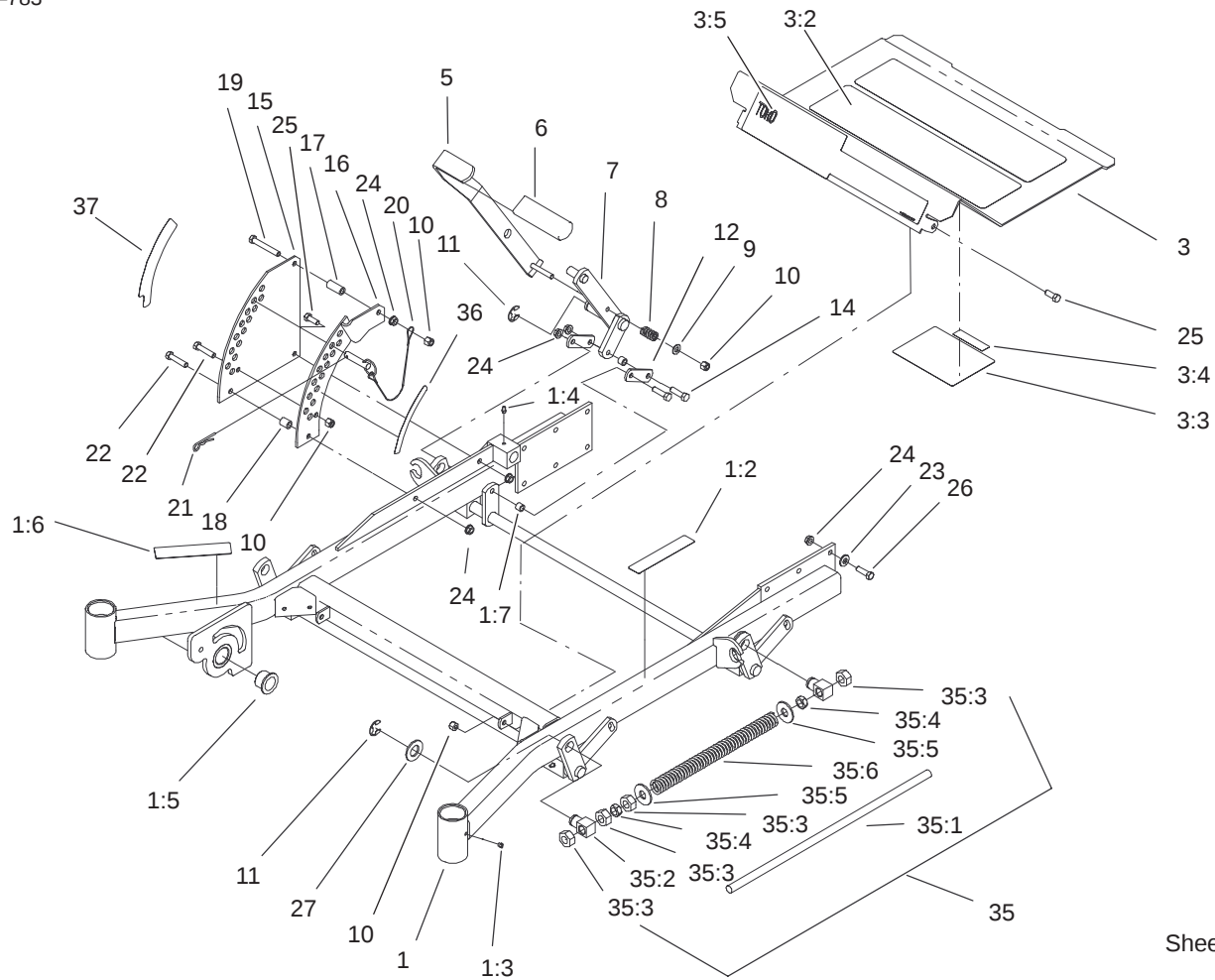
Description	Model / Part No.
Suspension Seat Kit	99–8522
Hitch Kit	99–8925
Atomic Blade Assembly	104–1304
Striping Kit	30163

Description	Model / Part No.
Z–Recycler Kit	100–9678
Spark Arrester Kit	105–1672
Filter Minder	99–4664

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

Abbreviation	Meaning	Abbreviation	Meaning
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
HLH	hex lag head	SHH	slotted hex head
HJ	hex jam	SQH	square head
HOC	height-of-cut	SHWH	slotted hex washer head
HS	hex socket	SPH	slotted pan head
HSBH	hex socket button head	SRH	slotted round head
HSFH	hex socket flat head	STD	standard
HSH	hex socket head	TAP	self tapping
HWH	hex washer head	TTH	Torx truss head
HWHTF	hex washer head thread forming	WH	wing head



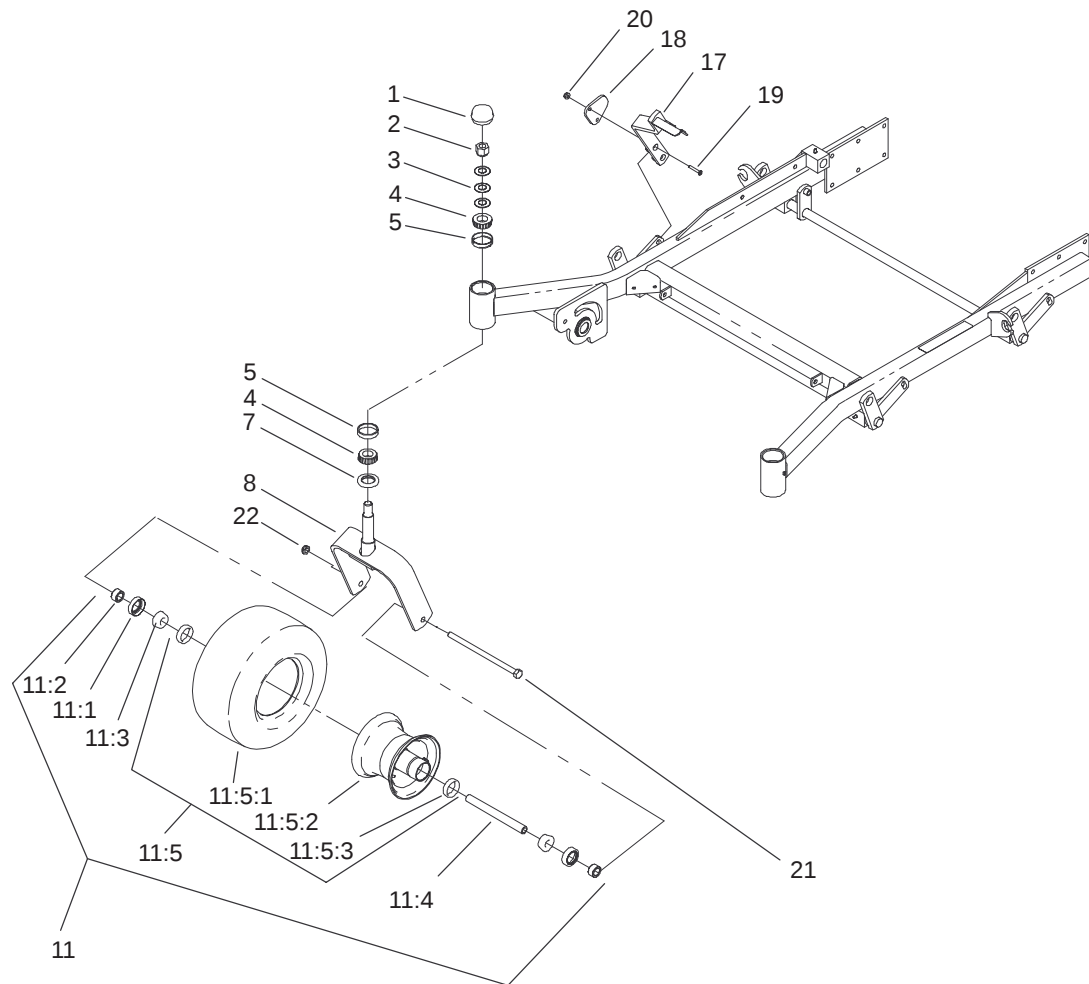
Sheet No.: 2

Front Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	104-5133	1	Frame ASM
1:2	1-633818	1	Decal-Warning
1:3	1-811010	2	Plug
1:4	302-19	5	Fitting-Grease
1:5	94-1291	2	Bushing-Special
1:6	104-7759	1	Decal-Warning
1:7	103-1918	1	Bushing
3	100-6509	1	Floorpan ASM
3:2	1-633553	3	Pad-Antiskid
3:3	1-633766	1	Decal-Check
3:4	98-5954	1	Decal-Missing, Cover
3:5	1-633737	1	Decal-Z-Master
5	103-2083-03	1	Lever-Lift
6	1-633295	1	Grip-Lever, Lift
7	103-2064-03	1	Arm-Lift, Deck
8	1-633325	1	Spring-Compression
9	3256-24	1	Washer-Flat
10	3296-39	5	Nut-Lock, NI
11	32151-103	5	Ring-Snap
12	1-633068	2	Arm-Lift, Deck
14	323-29	2	Screw-HH
15	1-633889-01	1	Plate-Lift, Deck
16	1-632899-01	1	Plate-Lift, Deck
17	1-633082	1	Bushing-Lever, Lift
18	1-633080	1	Bushing-Lever, Lift
19	323-13	1	Screw-HH

Ref. No.	Part No.	Qty.	Description
20	1-633097	1	Pin-Hitch W/Lanyard
21	1-806005	1	Pin-Hair
22	323-9	2	Screw-HH
23	98-5975	12	Washer-Belleville
24	3290-357	17	Nut-HHF
25	323-6	3	Screw-HH
26	323-7	12	Screw-HH
27	3256-29	4	Washer-Flat
★35		2	Front Frame Spring ASM
35:1	1-633096	1	Rod-Lift, Deck
35:2	1-633441	2	Swivel-Deck Mount, Rear
35:3	3217-11	4	Nut-Hex
35:4	3218-6	2	Nut-Jam
35:5	3256-7	2	Washer-Flat
35:6	1-633064	1	Spring-Support, Deck
36	1-633706	1	Decal-Height, Deck
37	1-633345	1	Decal-Height, Deck

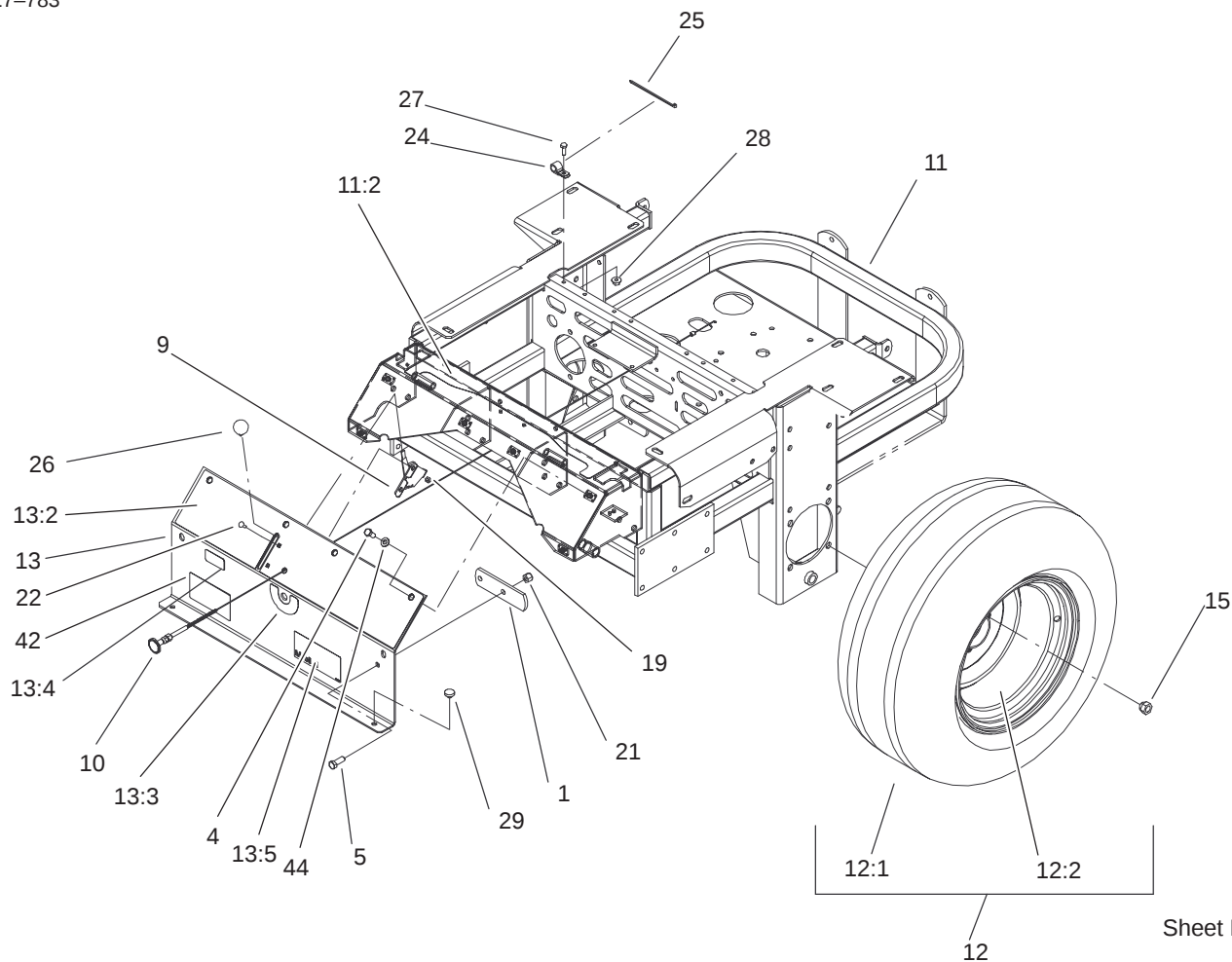
★ Not serviced separately



Sheet No.: 3

Caster and Wheel Assembly

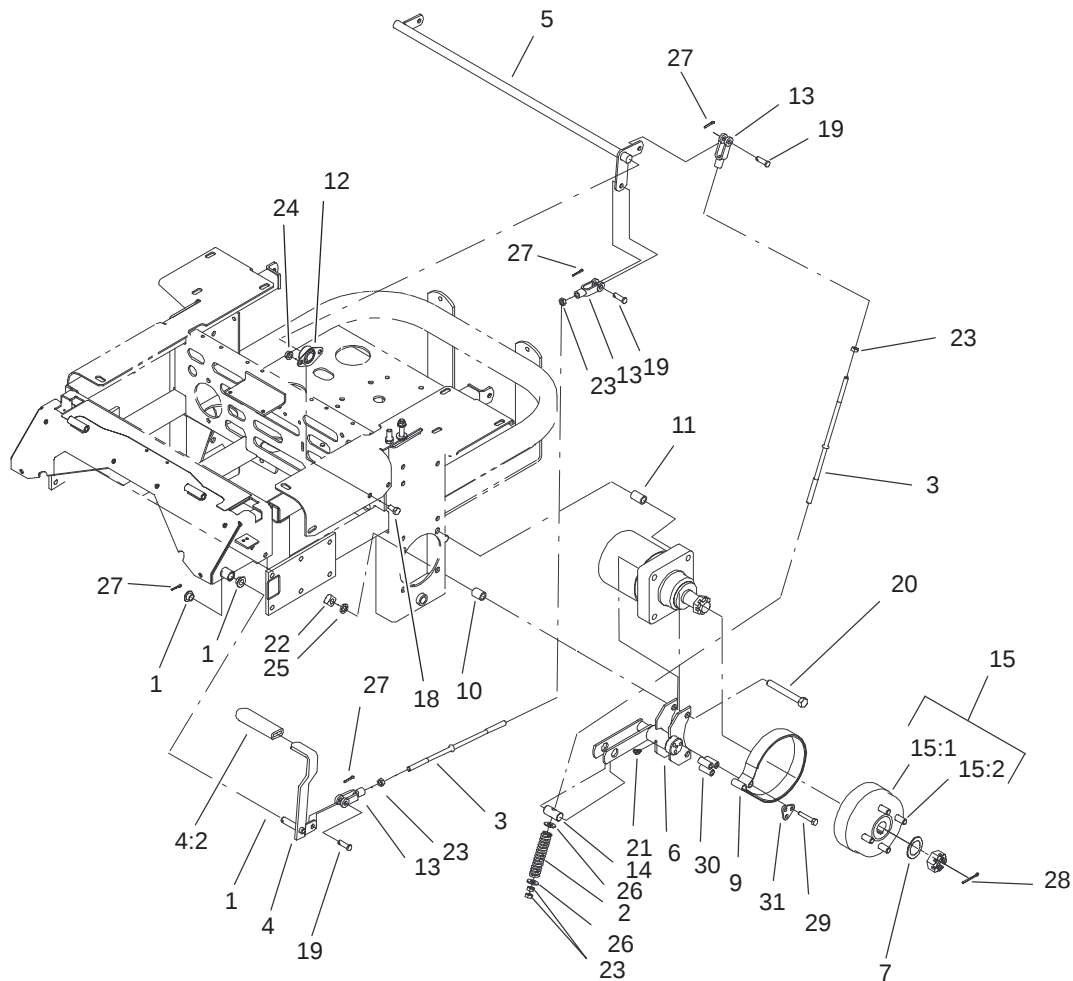
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-543513	2	Cap-Grease				
2	3296-51	2	Nut-Lock, NI				
3	1-633508	6	Washer-Bellville				
4	254-94	4	Bearing-Cone, Taper				
5	254-72	4	Bearing-Cup, Tapered				
7	1-543511	2	Seal-Grease				
8	103-1474-01	2	Fork-Caster				
11	1-644251	2	Caster Wheel ASM				
11:1	1-633580	2	Seal-Bearing				
11:2	1-633581	2	Spacer-Bearing				
11:3	1-633585	2	Bearing-Cone, Taper				
11:4	1-633959	1	Spacer-Caster, Front				
11:5		1	Wheel & Tire ASM				
11:5:1	1-523009	1	Tire				
11:5:2	1-633987	1	Wheel				
11:5:3	1-633584	2	Bearing-Cup				
17	100-4333-01	1	Lever-Lift, Deck				
18	1-643220-01	1	Strap				
19	3289-7	2	Screw				
20	32128-20	2	Nut-HF				
21	325-39	2	Screw-HH				
22	3296-45	2	Nut-Lock, NI				



Sheet No.: 4

Main Frame Assembly

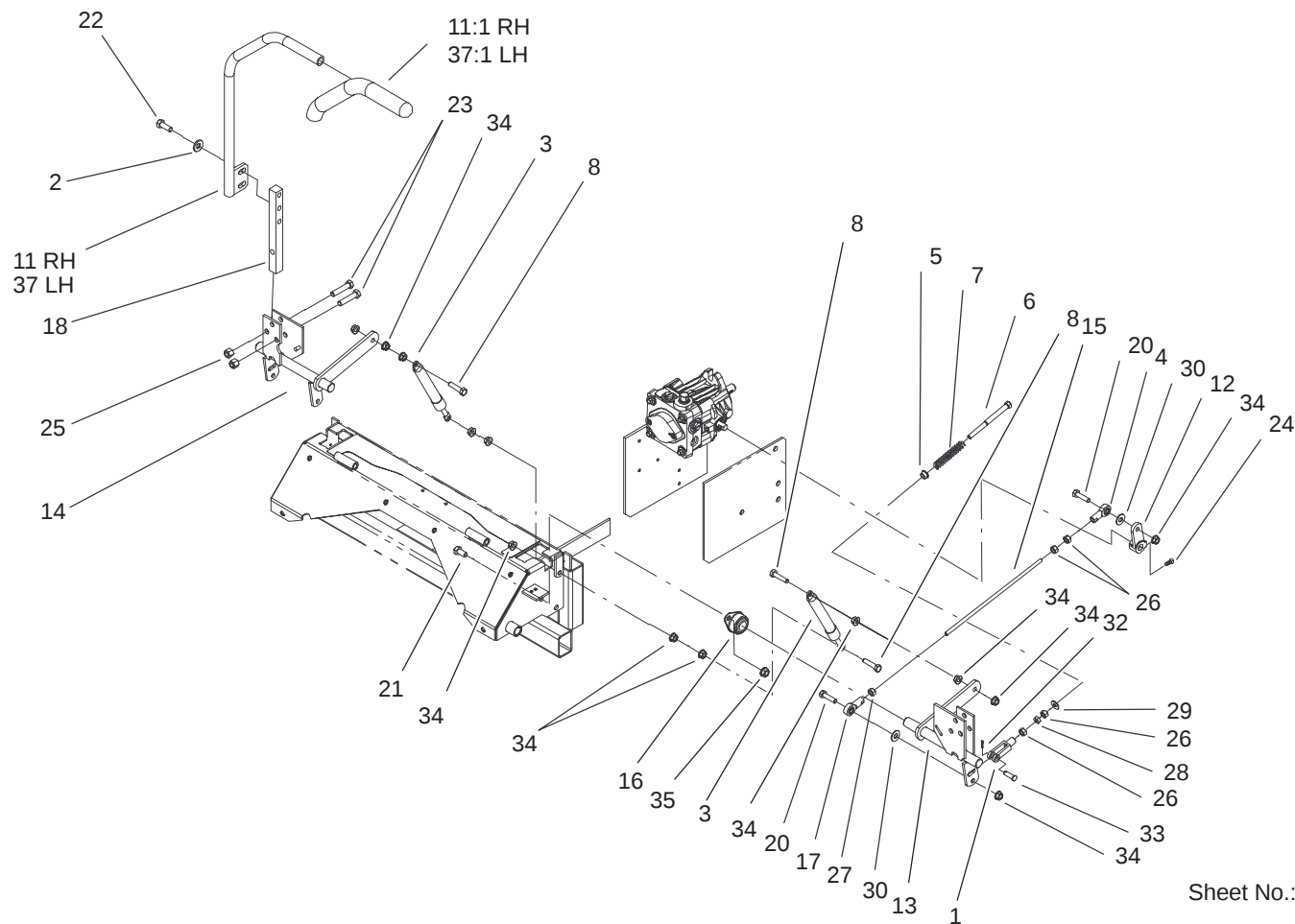
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-633964-03	1	Stop-Brake, Park	42	1-633736	1	Decal-Toro, Z255
4	322-3	6	Screw-HH	44	3256-23	6	Washer-Flat
5	323-6	2	Screw-HH				
9	1-633696	1	Cable-Throttle				
10	1-603336	1	Control-Choke				
11	105-6120	1	Rear Frame ASM				
11:2	103-2433	1	Decal, Top Console				
12	1-633970	2	Wheel & Tire ASM				
12:1	1-633993	1	Tire				
12:2	1-633992	1	Wheel				
13	99-4623	1	Console ASM				
13:2	100-4311	1	Decal-Panel, Control				
13:3	103-0262	1	Decal-Valve, Fuel				
13:4	98-4387	1	Decal-Protection, Ear				
13:5	104-8172	1	Decal-Mobil 1				
15	242-50	8	Nut-Lug				
19	3296-2	2	Nut-Lock				
21	3296-39	2	Nut-Lock, NI				
22	1-807513	2	Bolt-CARR				
24	1-513762	1	Clip-Loom				
25	1-303335	1	Tie-Plastic				
26	1-513592	1	Knob-Ball				
27	321-4	1	Screw-HH				
28	32128-33	1	Nut-HF				
29	1-513658	2	Bumper-Catcher, Grass				



Sheet No.: 5

Brake and Wheel Hub Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-513140	2	Bearing-Control	27	3272-10	7	Pin-Cotter
2	1-633454	2	Spring-Brake	28	1-806800	2	Pin-Cotter
3	1-633477	3	Rod-Brake	29	322-9	6	Screw-HH
4	1-634500	1	Brake Lever ASM	30	103-0384	6	Spacer
4:2	1-633268	1	Grip-Lever, Brake	31	103-0374	2	Retainer-Band, Brake
5	1-632217-03	1	Shaft-Brake				
6	103-0354-03	2	Bracket-Brake				
7	1-523157	2	Washer-Spacer				
9	103-0355	2	Band-Brake				
10	1-633060	4	Spacer-Wheel, Short				
11	1-633062	4	Spacer-Wheel, Long				
12	1-633102	2	Bearing-Flange, Side				
13	1-633131	4	Yoke-Linkage, Brake				
14	1-633144	2	Pin-Trunion				
15	103-0590	2	Hub-Wheel				
15:1	103-0589	1	Hub-Wheel				
15:2	1-633926	4	Stud-Wheel				
18	323-4	4	Screw-HH				
19	1-808285	4	Pin-Clevis				
20	325-20	8	Screw-HH				
21	302-19	2	Fitting-Grease				
22	103-0131	8	Nut-Square				
23	3219-3	8	Nut-HH				
24	3290-357	4	Nut-HHF				
25	3253-7	8	Washer-Lock				
26	3256-4	4	Washer-Flat				

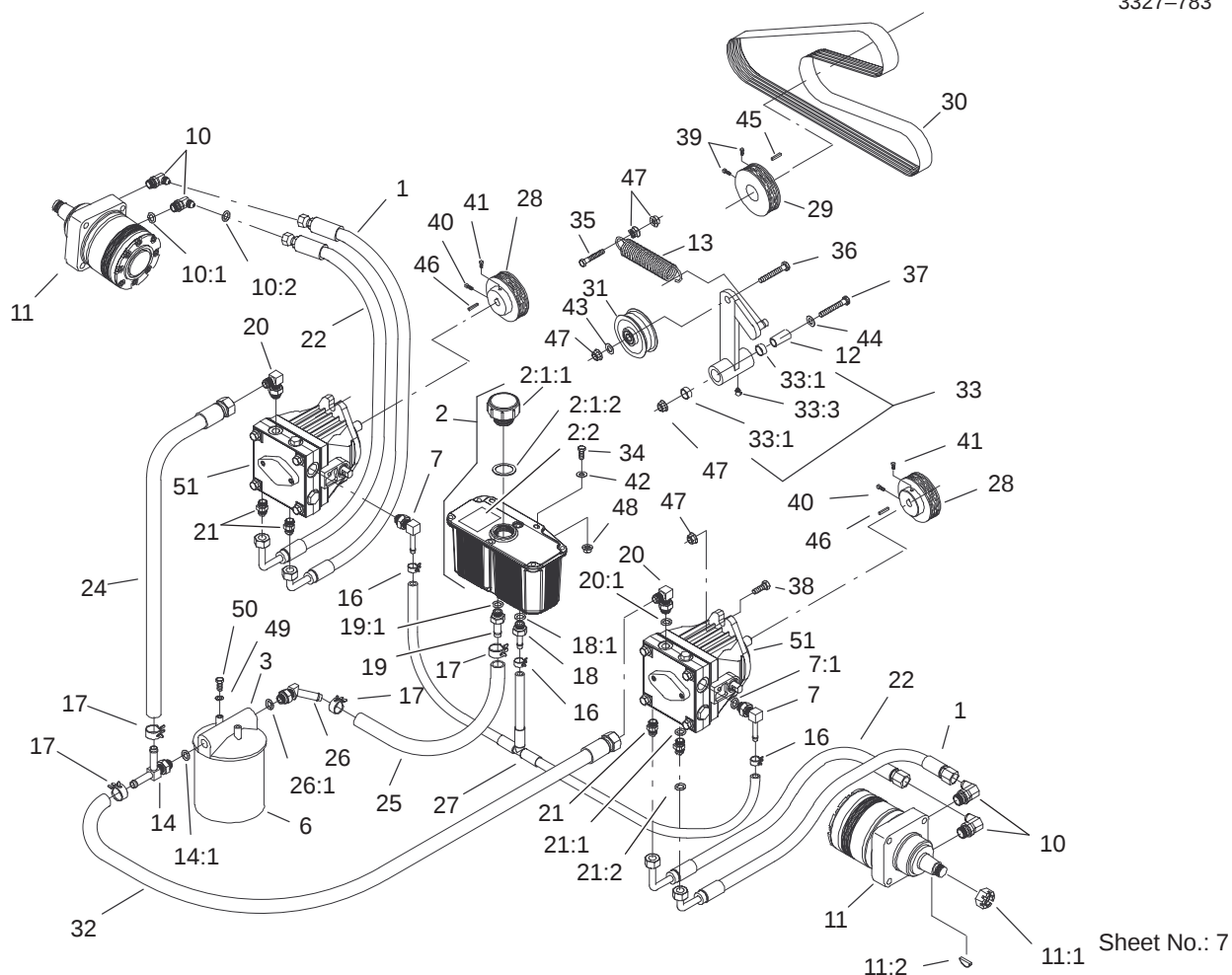


Sheet No.: 6

Steering Control Assembly

Ref. No.	Part No.	Qty.	Description
1	1-303105	2	Yoke-Adjustable
2	98-5975	4	Washer-Belleville
3	1-523027	2	Damper-Control
4	1-543017	2	Balljoint-RH
5	1-603735	2	Bushing-Flanged
6	1-603737	2	Bolt-Return, Neutral
7	1-603807	2	Spring-Return, Neutral
8	1-403180	4	Screw-HH
11	103-0632	1	RH Lever ASM
11:1	1-633257	1	Grip-Control, Motion
12	1-632208	2	Arm-Control, Pump
13	1-642319	1	Control-Motion, LH
14	1-642320	1	Control-Motion, RH
15	1-633153	2	Linkage-Pump/Lever
16	1-633102	4	Bearing-Flange, Side
17	1-633152	2	Balljoint-Thread, LH
18	103-0407	2	Arm-Shaft, Control
20	322-6	4	Screw-HH
21	323-4	8	Screw-HH
22	323-6	4	Screw-HH
23	323-9	6	Screw-HH
24	1-803022	2	Screw
25	3296-39	6	Nut-Lock, NI
26	3219-2	10	Nut-Hex
27	1-804524	2	Nut

Ref. No.	Part No.	Qty.	Description
28	3220-2	2	Nut
29	3256-2	2	Washer-Flat
30	3256-3	4	Washer-Flat
32	3272-5	2	Pin-Cotter
33	1-808280	2	Pin-Clevis
34	32128-20	16	Nut-HF
35	3290-357	8	Nut-HHF
37	103-0631	1	LH Lever ASM
37:1	1-633257	1	Grip-Control, Motion



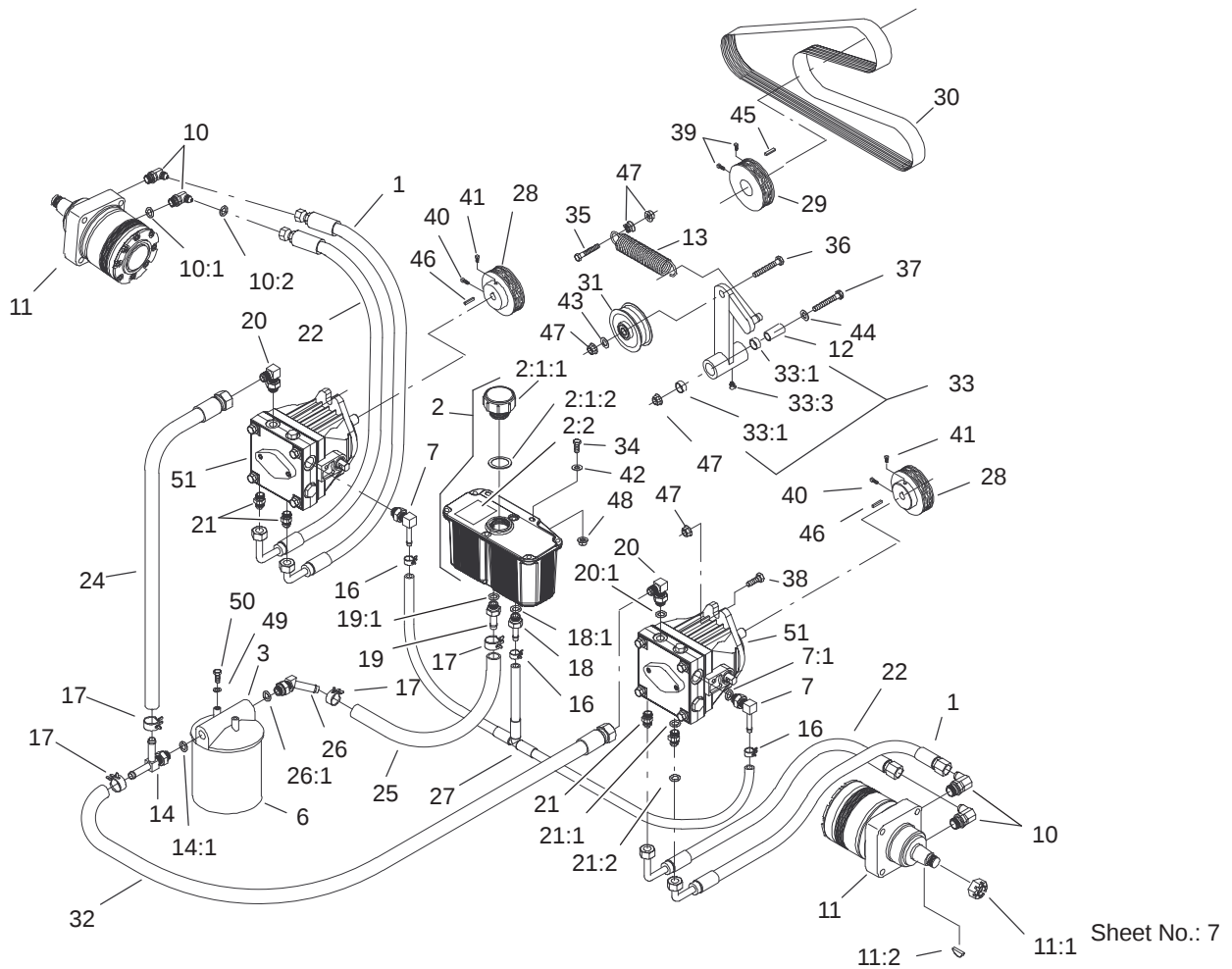
Hydraulic System Assembly

Ref. No.	Part No.	Qty.	Description
1	1-633776	2	Hose-Upper
2	103-1947	1	HYD Reservoir ASM
☆2:1		1	Reservoir-HYD
2:1:1	103-1948	1	Cap-HYD Reservoir
2:1:2	103-1949	1	Gasket-Cap
2:2	1-523552	1	Decal-Tank, Hydraulic
3	104-7836	1	Head-Filter
6	1-633752	1	Filter-HYD, Winter
6	1-633750	1	Filter-HYD
7	103-1799	2	Elbow-90°
7:1	237-42	1	O-Ring
10	1-633786	4	Fitting-90°
10:1	237-80	1	O-Ring
10:2	1-603992	1	O-Ring
11	1-523328	2	Motor-Wheel
11:1	1-809036	1	Nut-HH
11:2	3257-42	1	Key-Woodruff
*11:99	1-000099	1	Kit-Seal
*11:99	1-000139	1	Kit-Bearing
*11:99	103-2748	1	Kit-Link, Drive
12	1-603384	1	Bushing-Pivot, Idler
13	1-633151	1	Spring-Extension
14	103-1828	1	Adapter-Run, Tee
14:1	237-42	1	O-Ring
16	103-1716	3	Clamp-Hose
17	103-1988	4	Clamp-Hose

Ref. No.	Part No.	Qty.	Description
18	103-1801	1	Adapter-Straight
18:1	237-42	1	O-Ring
19	103-1912	1	Adapter-Straight
19:1	237-42	1	O-Ring
20	103-1802	2	Elbow-90°
20:1	237-42	1	O-Ring
21	1-603990	4	Fitting-Straight
21:1	237-79	1	O-Ring
21:2	1-603992	1	O-Ring
22	103-1863	2	Hose-Lower
24	103-1826	1	HYD Hose ASM
25	103-1808	1	Hose-HYD
26	103-1807	1	Elbow-45°
26:1	237-42	1	O-Ring
27	103-1806	1	HYD Hose ASM
28	1-633568	2	Sheave
29	1-633567	1	Sheave
30	1-633749	1	Belt-Drive, Pump
31	1-633167	1	Sheave-Idler
32	103-1827	1	HYD Hose ASM
33	1-634277	1	Bearing Arm ASM
33:1	1-513034	2	Sleeve-Bearing
33:3	302-40	1	Fitting-Grease
34	321-6	2	Screw-HH
35	323-8	1	Screw-HH
36	323-9	1	Screw-HH

☆ Not serviced separately

* Not illustrated

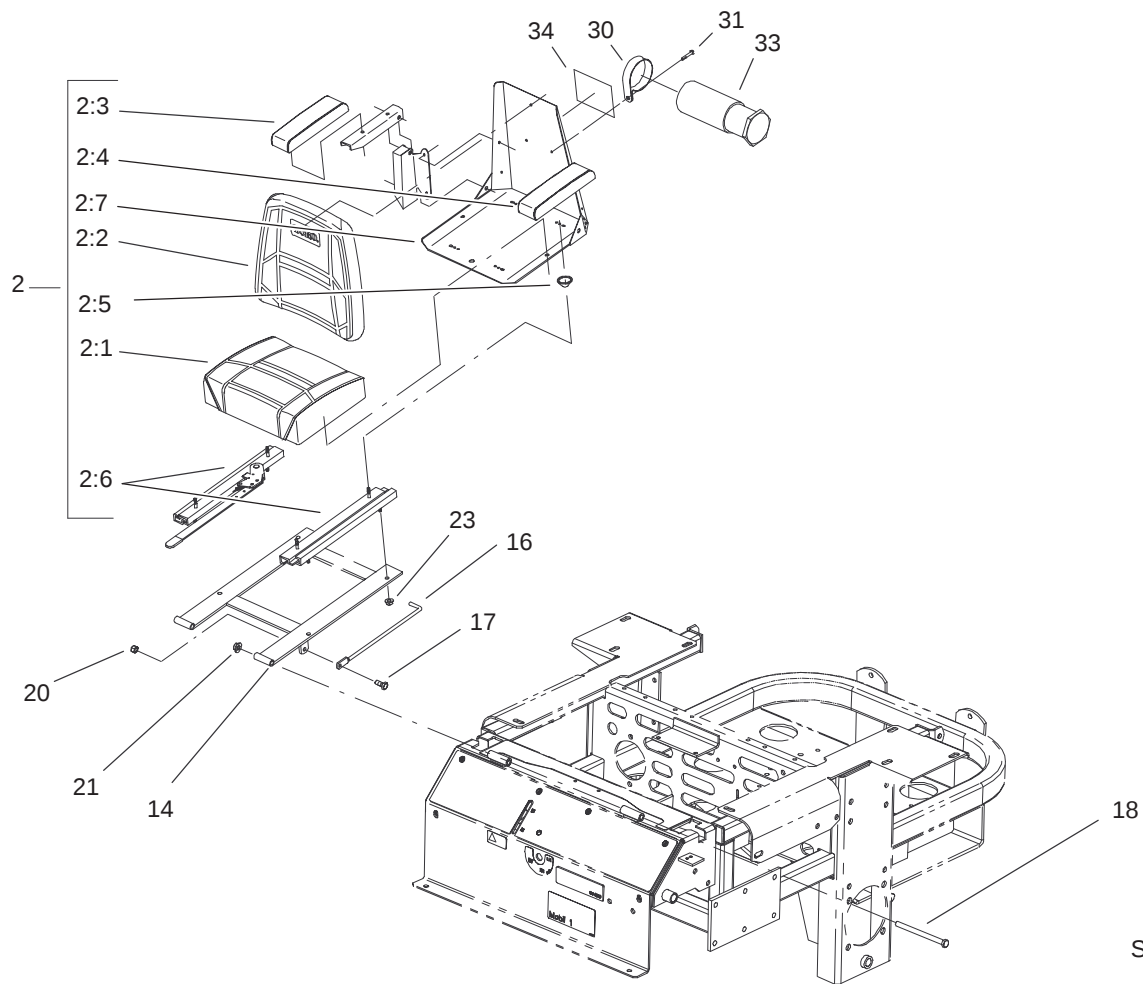


Sheet No.: 7

Hydraulic System Assembly (Continued)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
37	1-800805	1	Screw-HH				
38	323-7	4	Screw-HH				
39	1-803022	2	Screw				
40	30-1710	2	Screw				
41	1-803050	2	Screw-Set				
42	3256-22	2	Washer-Flat				
43	3256-3	1	Washer-Flat				
44	3256-4	1	Washer-Flat				
45	13-2840	1	Key-Square				
46	1-807272	2	Key-Machine				
47	3290-357	8	Nut-HHF				
48	32128-33	2	Nut-HF				
49	1-805004	2	Washer-Lock				
50	321-3	2	Screw-HH				
51	103-2675	2	Pump, Hydraulic				
*51:1	103-2664	1	Kit-Shaft, Input				
*51:2	103-2665	1	Kit-Bearing, Thrust				
*51:3	103-2666	1	Kit-Block, Cylinder				
*51:4	105-6185	1	Plate-Valve				
*51:5	105-6184	1	Kit-Overhaul, Seal				
*51:7	106-2053	1	Kit-Valve, Shock				

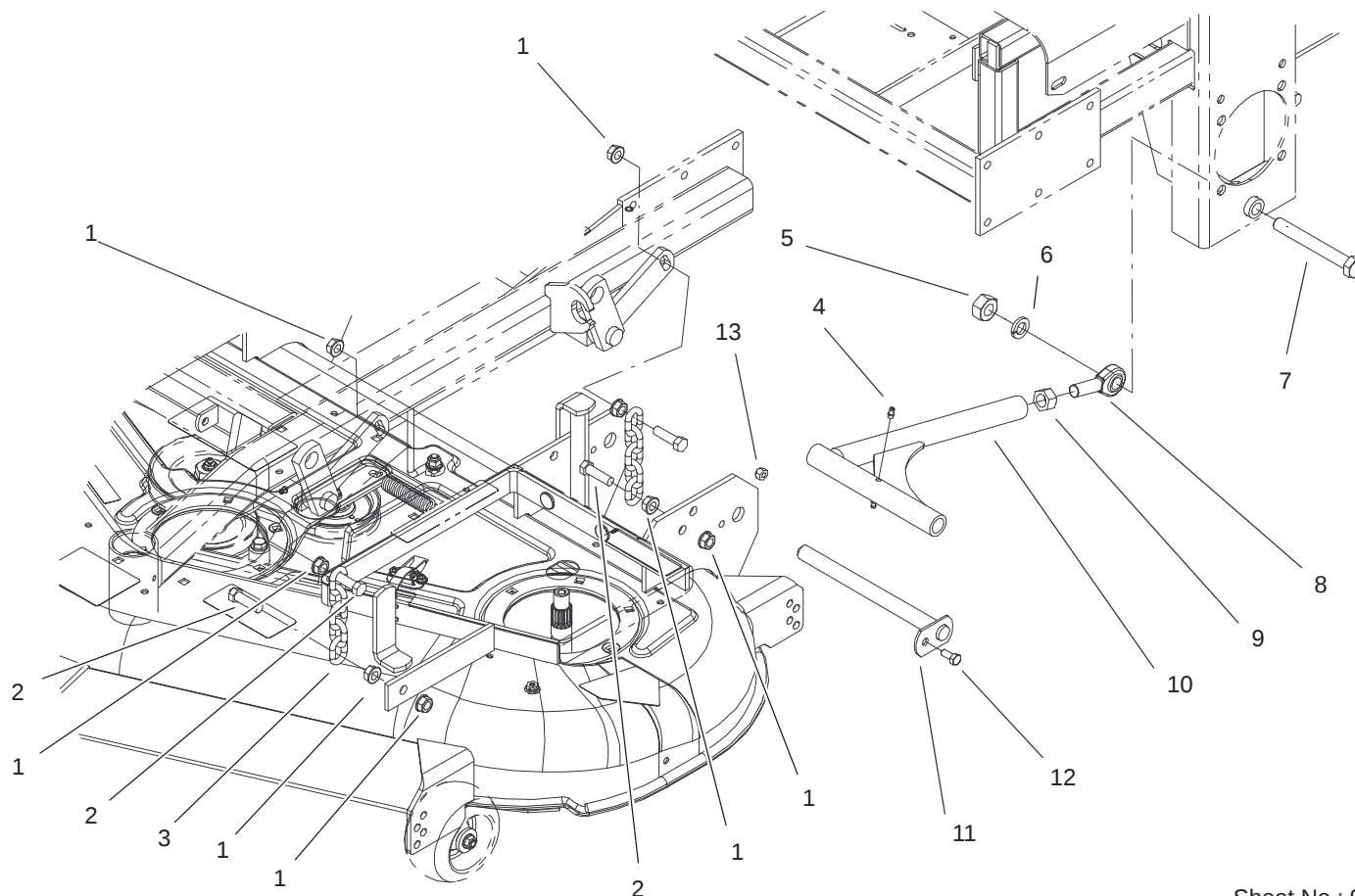
* Not illustrated



Sheet No.: 8

Seat Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
2	1-633705	1	Seat W/Tracks				
2:1	103-0290	1	Cushion-Bottom, Seat				
2:2	104-7754	1	Cushion-Back, Seat				
2:3	1-633710	1	Cushion-Armrest, RH				
2:4	1-633711	1	Cushion-Armrest, LH				
2:5	1-543401	4	Spacer-Track				
2:6	1-643255	1	Track-Seat				
2:7	1-633859	1	Frame-Seat				
14	1-632187-03	1	Frame-Seat				
16	1-633293	1	Rod-Holdup, Seat				
17	322-5	1	Screw-HH				
18	323-39	2	Screw-HH				
20	3296-29	1	Nut-Lock, NI				
21	3296-39	2	Nut-Lock, NI				
23	32128-20	4	Nut-HF				
30	2412-120	2	R-Clamp				
31	32104-76	2	Screw				
33	74-0720	1	Tube-Manual				
34	99-4693	1	Decal-Toro				

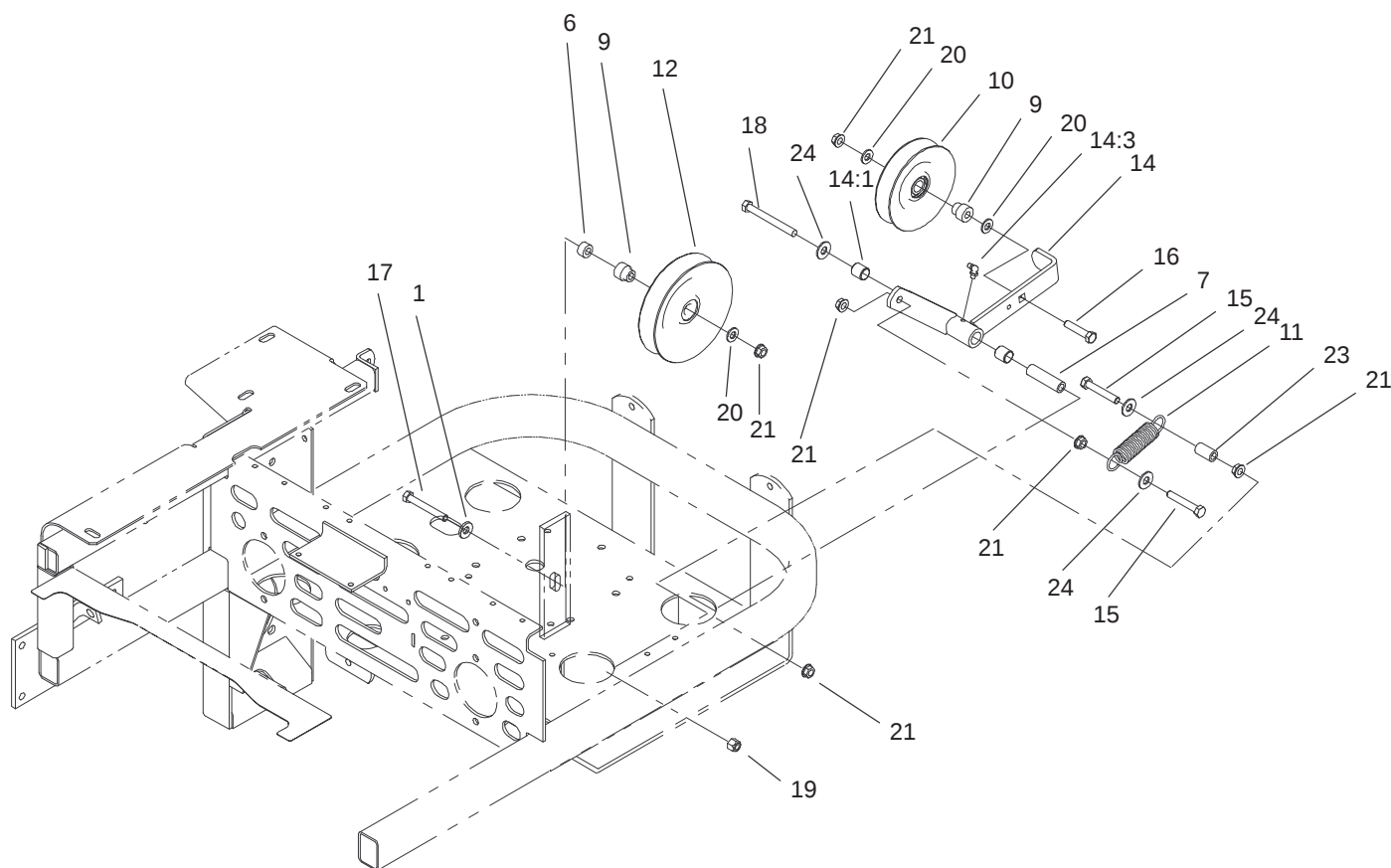


Sheet No.: 9

Deck Connection Assembly

Ref. No.	Part No.	Qty.	Description
1	32128-37	16	Nut-HF
2	1-800811	8	Screw-Cap, HH
3	1-633447	4	Chain-Lift, Deck
4	302-19	4	Fitting-Grease
5	3217-11	2	Nut-Hex
6	3253-8	2	Washer-Lock
7	327-11	2	Screw-HH
8	1-633029	2	Balljoint-Spherical
9	3219-6	2	Nut-Hex
10	103-1072-01	2	Strut-Deck
11	1-632199-01	2	Pin-Strut, Deck
12	322-3	2	Screw-HH
13	3296-29	2	Nut-Lock, NI

Ref. No.	Part No.	Qty.	Description

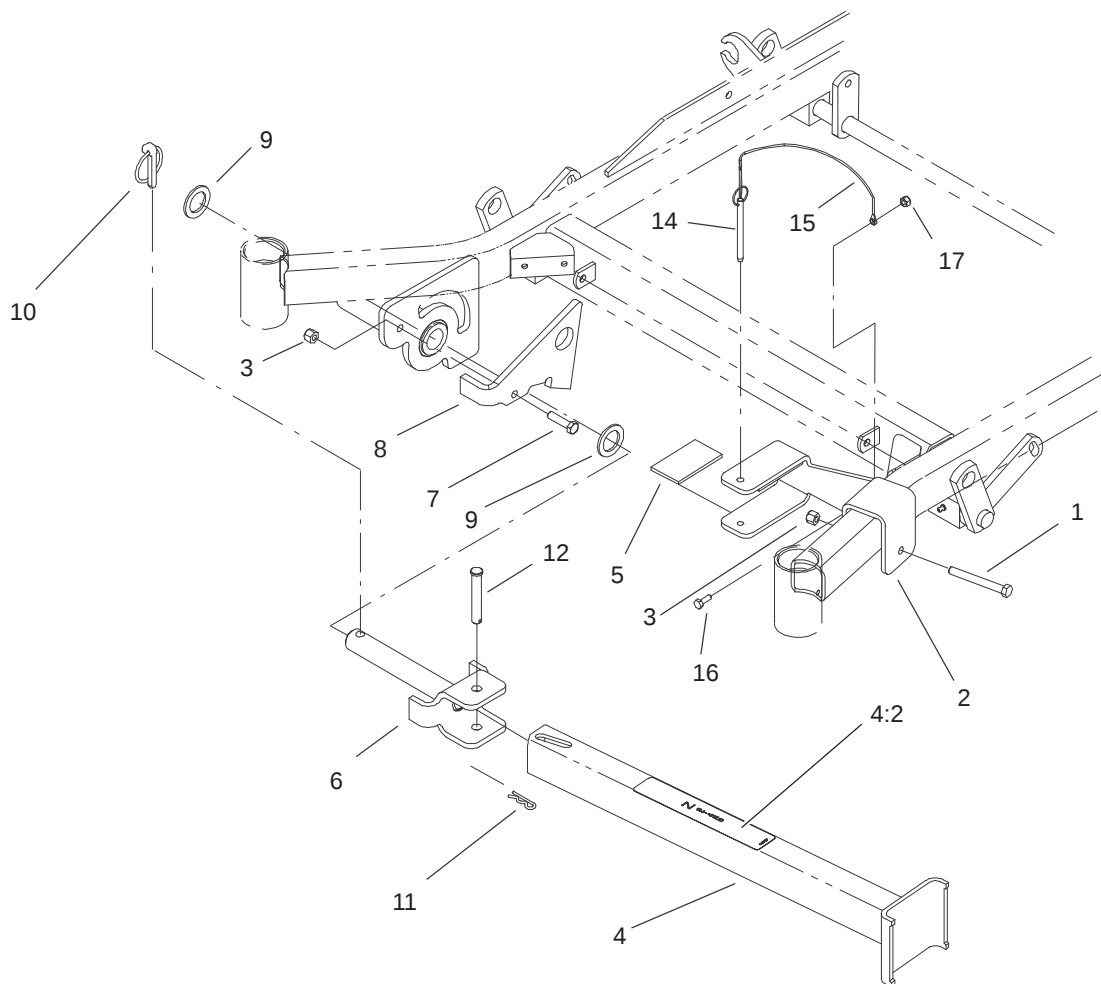


Sheet No.: 10

Drive Idler Assembly

Ref. No.	Part No.	Qty.	Description
1	98-5975	1	Washer-Belleville
6	1-603050	1	Spacer
7	1-603384	1	Bushing-Pivot, Idler
9	1-603496	2	Bushing-Idler
10	99-4638	1	Idler
11	1-603402	1	Spring-Extension
12	1-633166	1	Idler Pulley
14	99-4677	1	Idler Arm ASM
14:1	1-513034	2	Sleeve-Bearing
14:3	302-40	1	Fitting-Grease
15	323-11	2	Screw-HH
16	323-9	1	Screw-HH
17	323-13	1	Screw-HH
18	1-800805	1	Screw-HH
19	3296-39	1	Nut-Lock, NI
20	3256-24	3	Washer-Flat
21	3290-357	6	Nut-HHF
23	1-603401	1	Spacer-Fender
24	3256-4	3	Washer-Flat

Ref. No.	Part No.	Qty.	Description

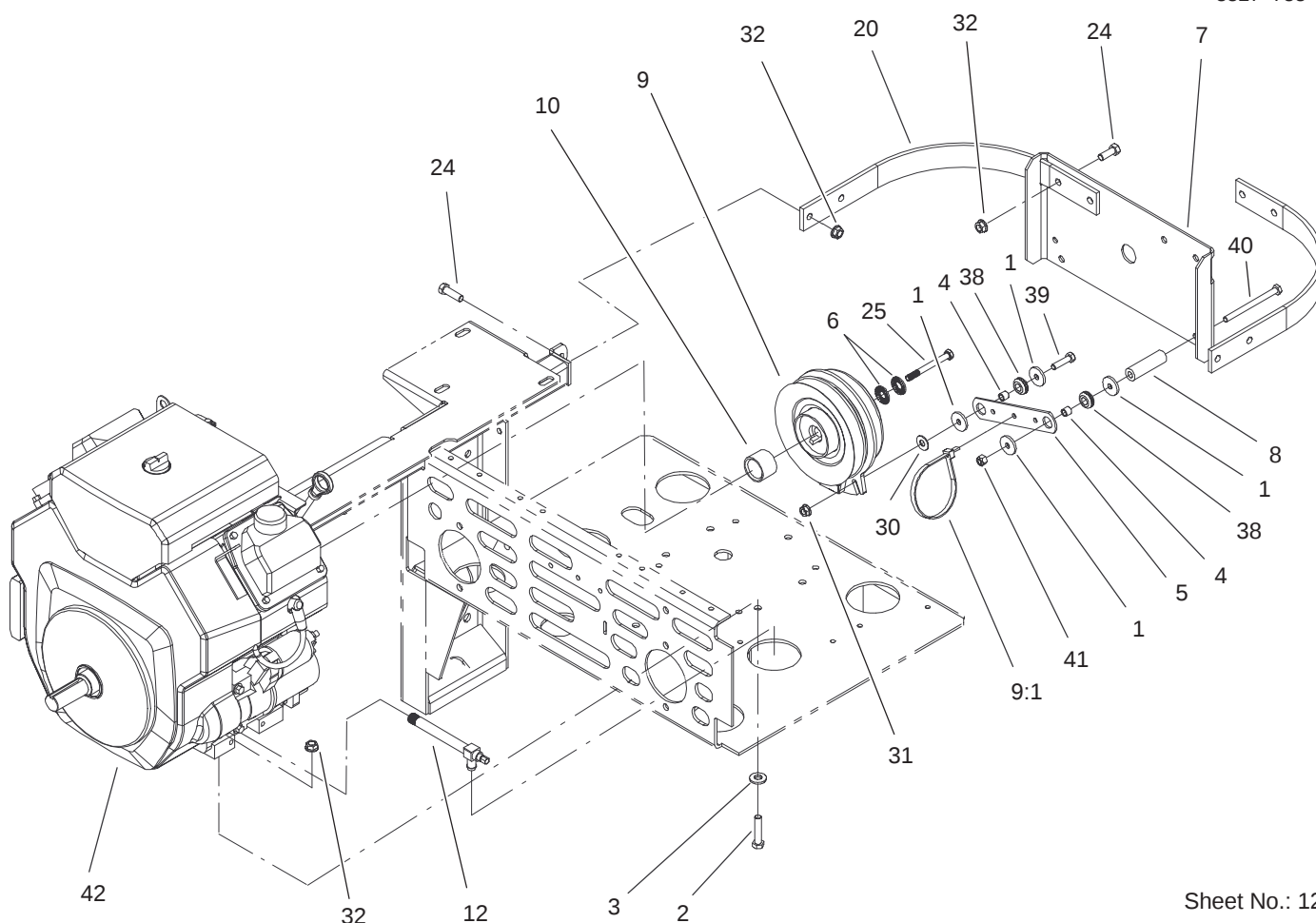


Sheet No.: 11

Z-Stand Assembly

Ref. No.	Part No.	Qty.	Description
1	323-20	1	Screw-HH
2	100-6542-01	1	Bracket-Cradle
3	3296-39	2	Nut-Lock, NI
4	100-6545	1	Leg ASM
4:2	104-7758	1	Decal-Z Stand
5	283-55	1	Pin-Clevis
6	100-9692-01	1	Pivot Pin ASM
7	323-8	1	Screw-HH
8	100-9686-01	1	Bracket-Latch
9	3-6781	2	Washer-Thrust
10	283-71	1	Pin-Lynch
11	3290-355	1	Pin-Hair
12	100-6547	2	Cushion-Rubber
14	105-1647	1	Pin-Hitch, Cotterless
15	100-9385	1	Lanyard-Nylon
16	321-4	1	Screw-HH
17	3296-42	1	Nut-Lock, NI

Ref. No.	Part No.	Qty.	Description



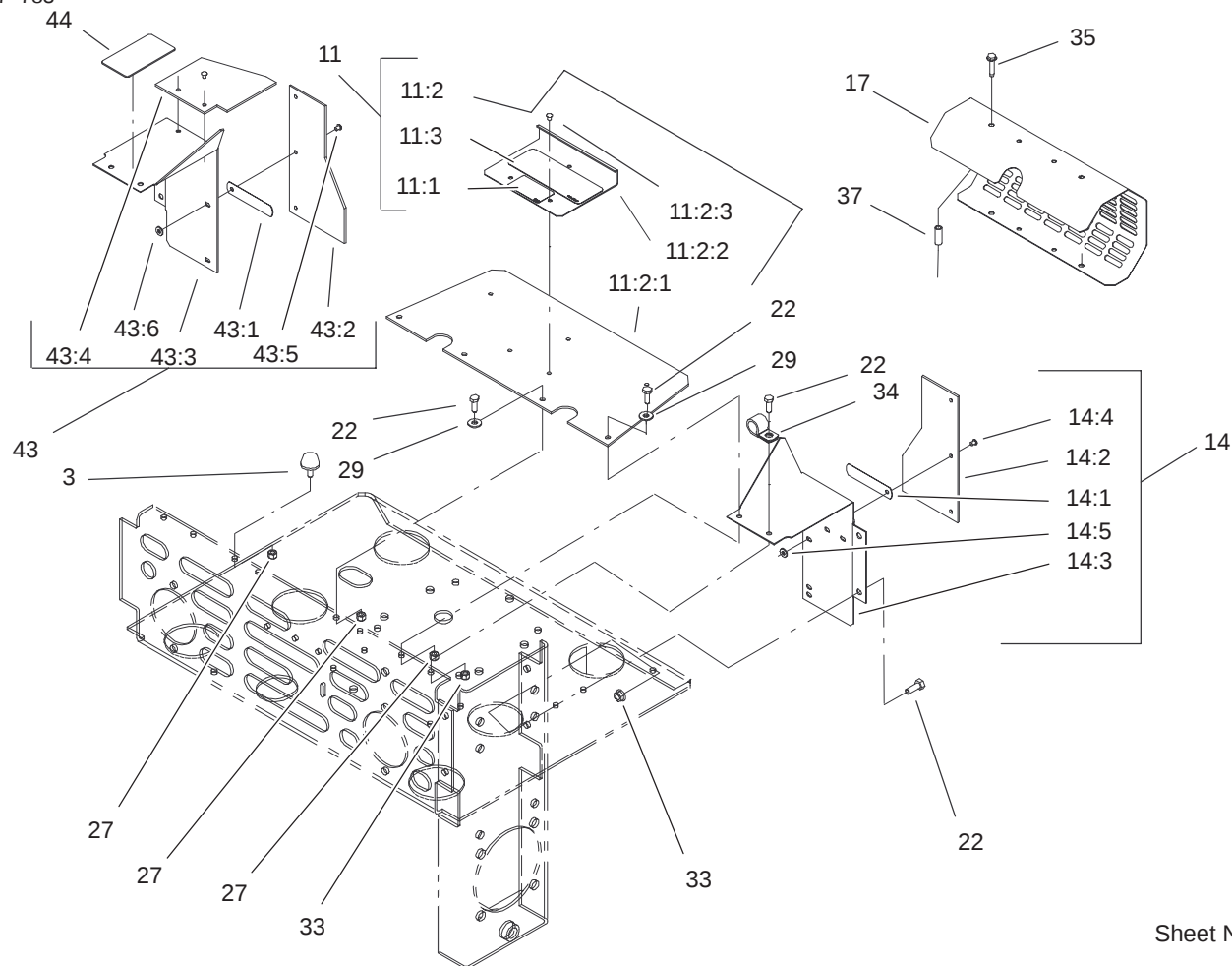
Sheet No.: 12

Engine and Clutch Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-613235	4	Washer	☆42		1	Engine-Kohler, Ch25s-68695
2	323-9	4	Screw-HH				
3	98-5975	4	Washer-Belleville				
4	1-633545	2	Spacer-Grommet				
5	1-633543-03	1	Strap-Clutch, Brake				
6	1-603610	2	Washer-Spring				
7	1-633615-03	1	Guard-Clutch				
8	1-633988	1	Spacer-Anchor, Clutch				
9	103-0665	1	Clutch ASM				
9:1	1-303335	1	Tie-Plastic				
*9:3	105-1670	1	Jumper-Clutch, Harness				
10	1-633179	1	Spacer-Clutch				
12	103-1996	1	Valve, Oil Drain Long				
20	1-643264-03	2	Bracket-Guard, Top				
24	323-6	6	Screw-HH				
25	3212-10	1	Screw-HH				
30	3256-3	1	Washer-Flat				
31	32128-20	1	Nut-HF				
32	3290-357	8	Nut-HHF				
38	1-633630	2	Grommet-Brake				
39	322-6	1	Screw-HH				
40	322-19	1	Screw-HH				
41	3296-29	1	Nut-Lock, NI				

☆ Not serviced separately

* Not illustrated

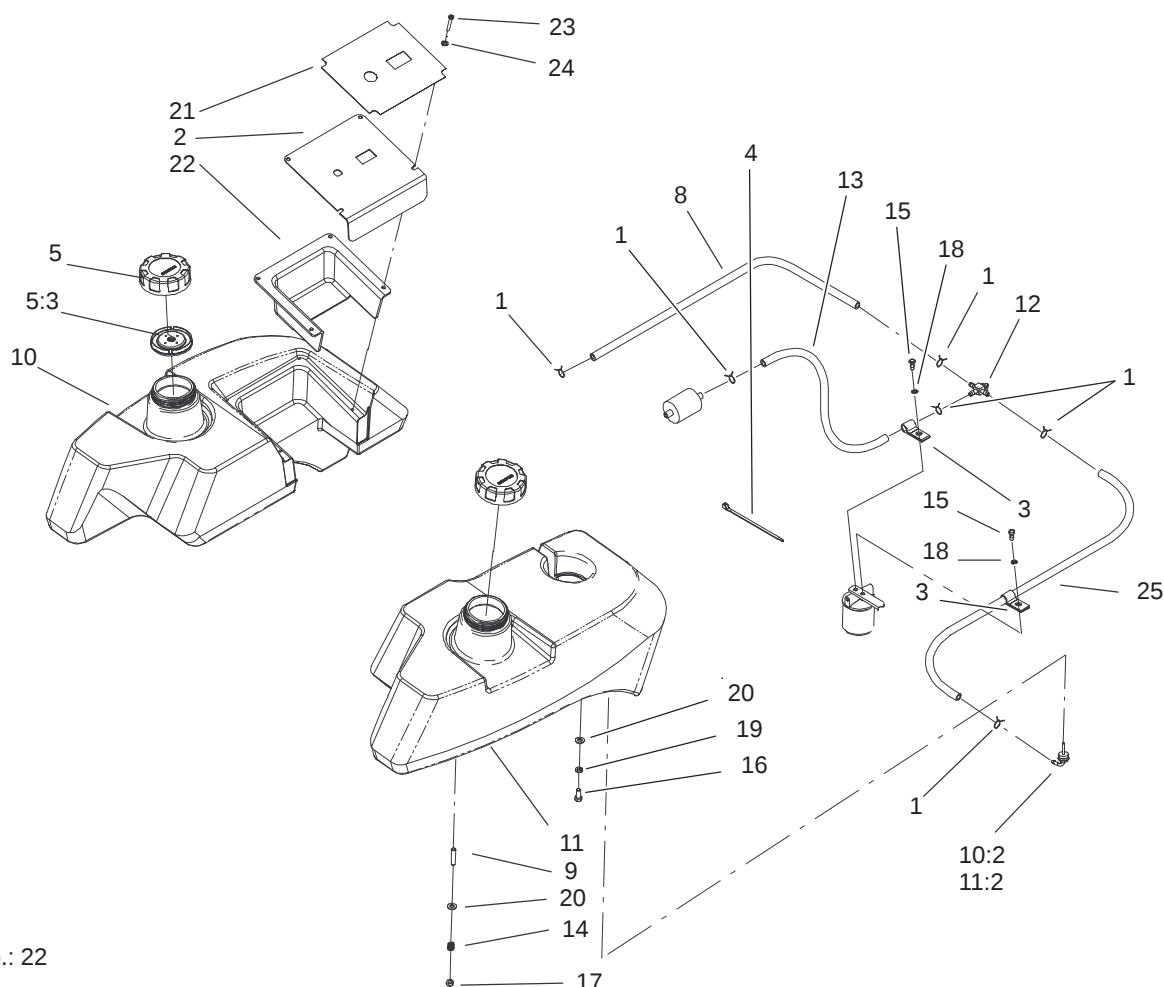


Sheet No.: 13

Guard Assembly

Ref. No.	Part No.	Qty.	Description
3	1-523420	2	Bumper
11	1-644276	1	Shield ASM
11:1	1-633462	1	Decal-Important
11:2	1-634308	1	Shield/Lift ASM
11:2:1	103-1308	1	Shield-Engine
11:2:2	1-633300-03	1	Lift-Shield
11:2:3	1-803035	3	Rivet-Pop
11:3	103-0368	1	Decal-Devices, Rotating
14	1-634796	1	LH Shield ASM
14:1	1-523285	1	Clip-Baffle, Rear
14:2	1-633301	1	Shield-Engine
14:3	1-633795-03	1	Baffle-Engine Shield, LH
14:4	1-803035	3	Rivet-Pop
14:5	3256-63	3	Washer-Flat
17	1-643313-03	1	Guard-Muffler
22	321-4	10	Screw-HH
27	3296-42	6	Nut-Lock, NI
29	3256-2	4	Washer-Flat
33	32128-33	5	Nut-HF
34	1-633396	1	Clip-Loom
35	1-809076	2	Screw
36	1-323235	2	Washer-Spring
37	1-323236	2	Spacer
43	1-644316	1	RH Shield ASM

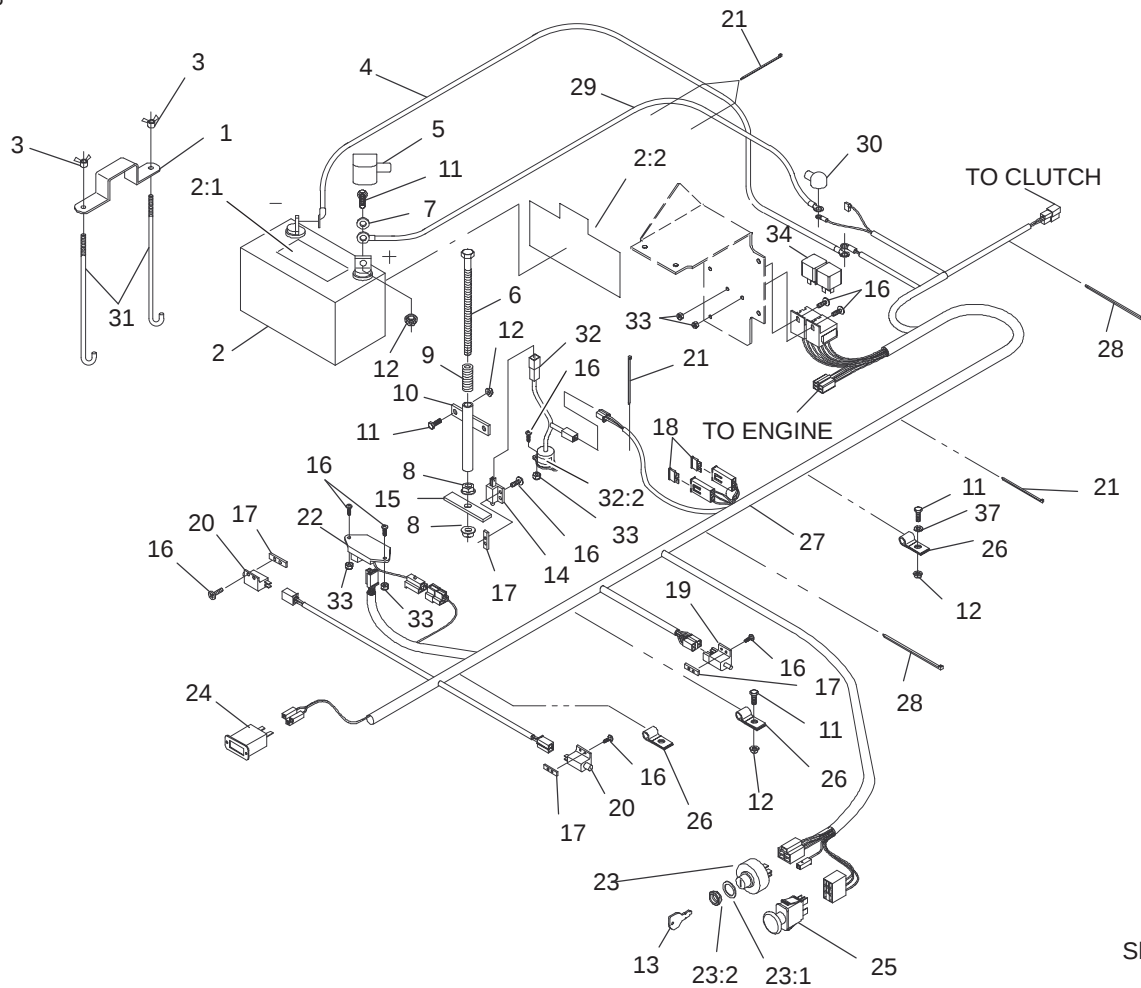
Ref. No.	Part No.	Qty.	Description
43:1	1-523285	1	Clip-Baffle, Rear
43:2	1-633301	1	Shield-Engine
43:3	1-633794-03	1	Baffle-Engine Shield, RH
43:4	1-643315	1	Baffle-Cooler, Engine
43:5	1-803035	5	Rivet-Pop
43:6	3256-63	5	Washer-Flat
44	1-643339	1	Decal-Routing, Belt



Sheet No.: 22

Fuel System Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	1-303077	6	Clamp-Line, Fuel				
2	99-4656-03	1	Panel-Control				
3	1-513762	2	Clip-Loom				
4	1-303335	1	Tie-Plastic				
5	88-3980	2	Gas Cap ASM				
5:3	88-4010	1	Gasket-Cap, Gas				
8	1-543456	1	Hose-Fuel				
9	1-633023	6	Stud				
10	105-3629	1	LH Fuel Tank ASM				
10:2	103-2605	1	Fitting-Fuel, Bulkhead				
11	105-3628	1	RH Fuel Tank ASM				
11:2	103-2605	1	Fitting-Fuel, Bulkhead				
12	1-633347	1	Valve-Fuel				
13	103-0216	1	Hose-Fuel				
14	1-633349	6	Spring-Tank, Fuel				
15	321-3	2	Screw-HH				
16	322-3	2	Screw-HH				
17	3296-47	6	Nut-Lock, NI				
18	1-805004	2	Washer-Lock				
19	1-805005	2	Washer-Lock				
20	3256-23	8	Washer-Flat				
21	99-4632	1	Decal-Panel, Control				
22	99-4940	1	Shield-Panel, Control				
23	1-803071	4	Screw				
24	1-303435	4	Washer-Spring				
25	103-2885	1	Hose-Fuel				

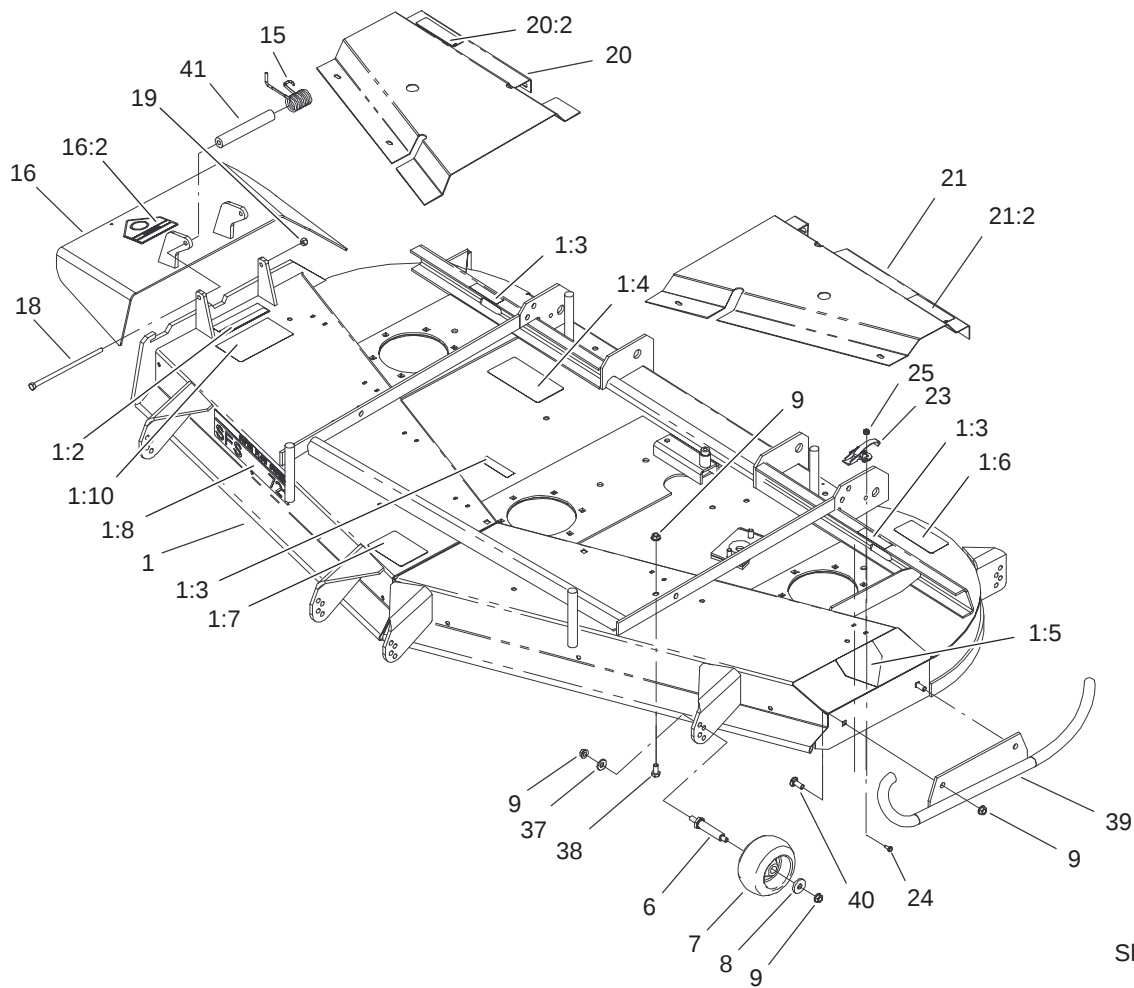


Sheet No.: 27

Electrical System Assembly

Ref. No.	Part No.	Qty.	Description
1	1-633652-03	1	Strap-Holddown, Battery
2	105-1692	1	Battery
2:1	104-4163	1	Decal-Battery
2:2	104-4164	1	Decal-Battery
3	1-543792	2	Wingnut
4	1-633307	1	Wire-Ground
5	1-543391	1	Insulator-Battery
6	1-800282	1	Screw-HH
7	3256-2	2	Washer-Flat
8	32128-20	2	Nut-HF
9	1-523415	1	Spring-Switch, Seat
10	1-522424-03	1	Mount-Spring, Seat
11	321-4	6	Screw-HH
12	32128-33	6	Nut-HF
13	63-8360	2	Key-Ignition
14	1-513152	1	Switch-Closed, Normally
15	1-513180	1	Plate-Switch, Seat
16	3290-500	14	Screw-PPH
17	1-633181	4	Plate-Tapped
18	1-816001	2	Fuse-Type, Blade
19	1-633111	1	Switch
20	1-513051	2	Switch-Open, Normally
21	1-303287	5	Tie-Plastic

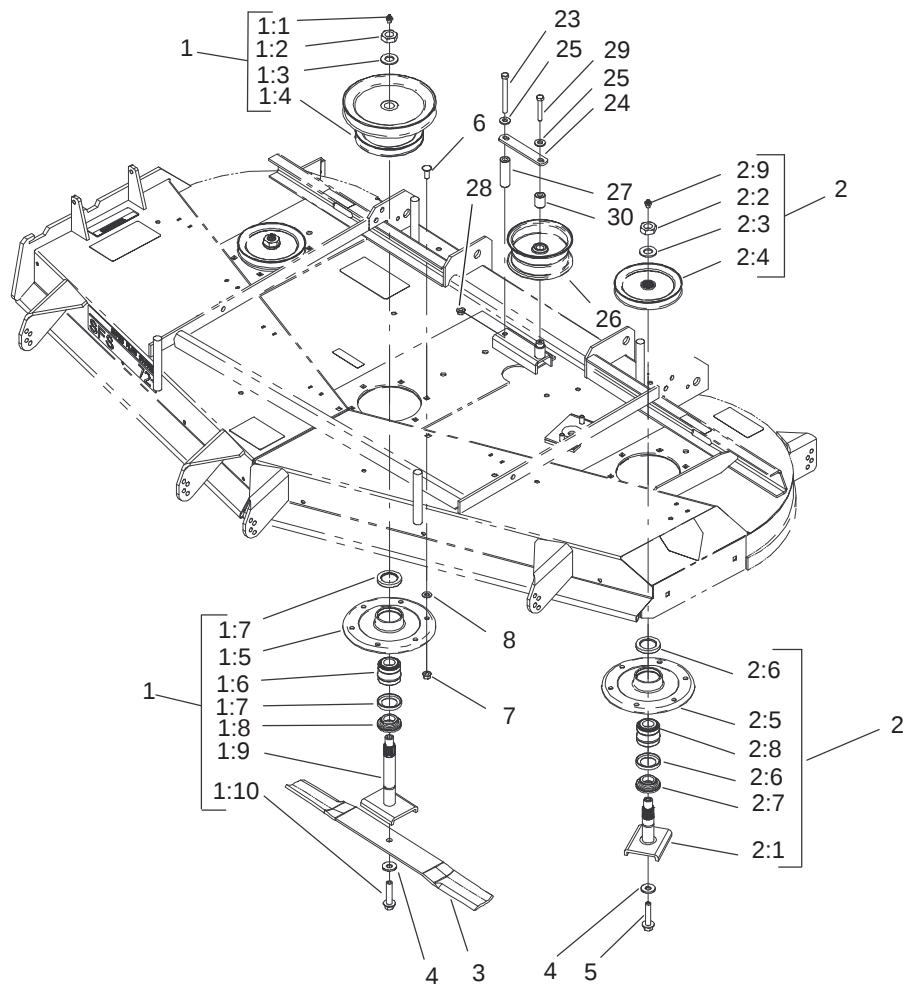
Ref. No.	Part No.	Qty.	Description
22	100-6186	1	Module-Delay, Seat
23	88-9830	1	Key Switch ASM
23:1	3254-5	1	Washer-Lock, Internal
23:2	218-461	1	Nut-HH
24	1-513374	1	Meter-Hour
25	1-633673	1	Switch-Delta
26	1-633396	3	Clip-Loom
27	100-4340	1	Harness-Wire
28	1-303335	2	Tie-Plastic
29	1-523281	1	Wire-Starter
30	1-543393	1	Insulator-Solenoid
31	1-633651	2	Bolt-Holddown
32	1-644427	1	Tilt Switch ASM
32:2	1-643401	1	Decal-Switch, Mercury
33	3296-2	6	Nut-Lock
34	1-643275	2	Relay
37	3256-22	1	Washer-Flat



Sheet No.: 71

Deck, Deflector and Roller Assembly

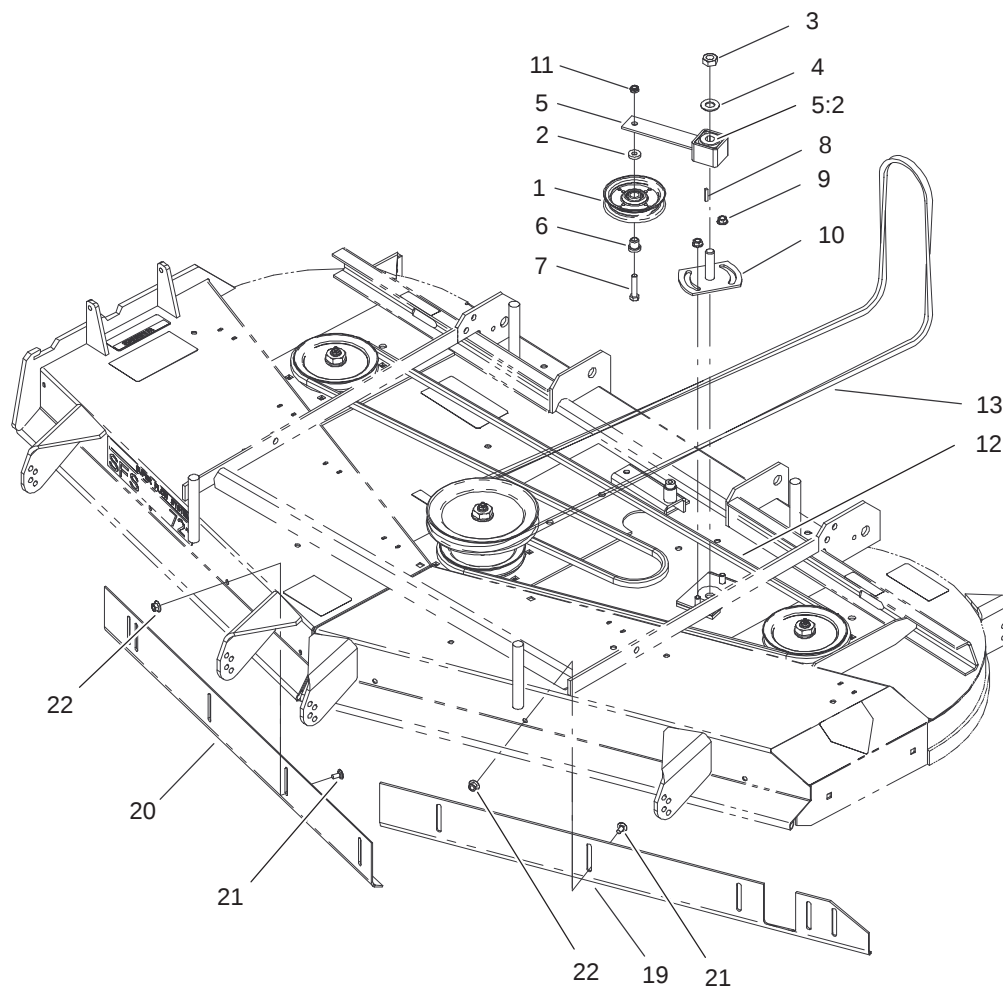
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	105-1698	1	Deck ASM	23	249-21	4	Clamp-Slotted
1:2	104-8569	1	Decal-Warning, Deflector	24	3290-321	8	Screw-HWH
1:3	98-5954	3	Decal-Missing, Cover	25	32128-17	8	Nut-Lock, Flange
1:4	99-4686	1	Decal-Routing, Belt	37	98-5975	6	Washer-Belleville
1:5	43-8480	1	Decal-Danger	38	323-2	6	Screw-HH
1:6	93-7818	1	Decal-Torque, Blade Bolt	39	98-7923-01	1	Skid
1:7	98-3798	1	Decal-Wheel, Gage	40	3231-21	2	Screw-CARR
1:8	98-5995	1	Decal-Deck	41	105-4622	1	Spacer-Mounting, Deflector
1:10	66-1340	1	Decal-Danger				
6	99-2842	6	Spacer-Wheel				
7	68-2730	6	Wheel-Gage				
8	1-373034	6	Washer-Swivel				
9	3290-357	18	Nut-HHF				
15	104-8554	1	Spring-Torsion				
16	105-3605	1	Deflector ASM				
16:2	54-9220	1	Decal-Danger				
18	322-50	1	Screw-Cap				
19	3296-29	1	Nut-Lock, NI				
20	100-6527	1	RH Cover W/Decal ASM				
20:2	67-5360	1	Decal-Danger				
21	99-2623	1	LH Cover W/Decal ASM				
21:2	67-5360	1	Decal-Danger				



Sheet No.: 72

Spindle and Pulley Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	105-1690	1	Spindle Housing ASM	6	3231-22	18	Screw-CARR
1:1	302-2	1	Fitting-Grease	7	32128-21	18	Nut-HF
1:2	32146-20	1	Nut-Jam	8	3256-24	4	Washer-Flat
1:3	92-5836	1	Washer-Axle	23	323-42	1	Screw-HH
1:4	99-4626	1	Pulley Hub ASM	24	1-653189	1	Plate-Guide, Belt
1:5	61-4160	1	Housing-Spindle	25	98-5975	2	Washer-Belleville
1:6	46-8530	1	Bearing ASM	26	1-413099	1	Pulley-Idler
1:7	253-139	2	Seal-Oil	27	99-4659	1	Spacer-Bracket
1:8	27-0950	1	Spacer-Bearing, Spindle	28	3290-357	1	Nut-HHF
1:9	105-1686	1	Spindle Shaft ASM	29	323-11	1	Screw-HH
1:10	92-5816	1	Bolt-Blade	30	1-653190	1	Spacer
2	99-4642	2	Outer Spindle ASM				
2:1	27-0920	1	Shaft-Spindle				
2:2	32146-20	1	Nut-Jam				
2:3	7-4150	1	Washer-Pinion				
2:4	99-4615	1	Pulley & Hub				
2:5	61-4160	1	Housing-Spindle				
2:6	253-139	2	Seal-Oil				
2:7	27-0950	1	Spacer-Bearing, Spindle				
2:8	46-8530	1	Bearing ASM				
2:9	302-2	1	Fitting-Grease				
3	94-1861	3	Blade				
4	1-513435	3	Washer-Spring				
5	92-5816	2	Bolt-Blade				



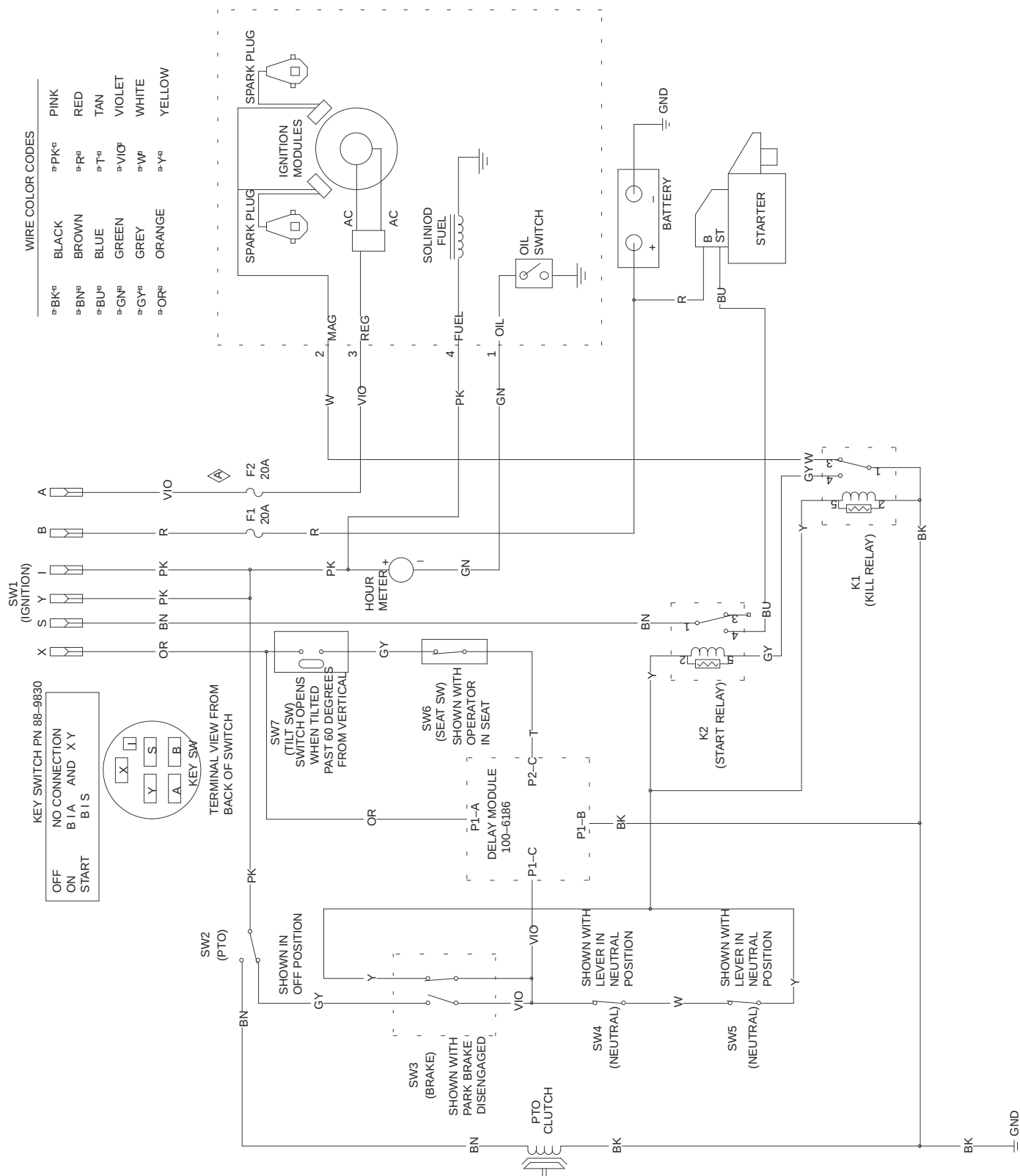
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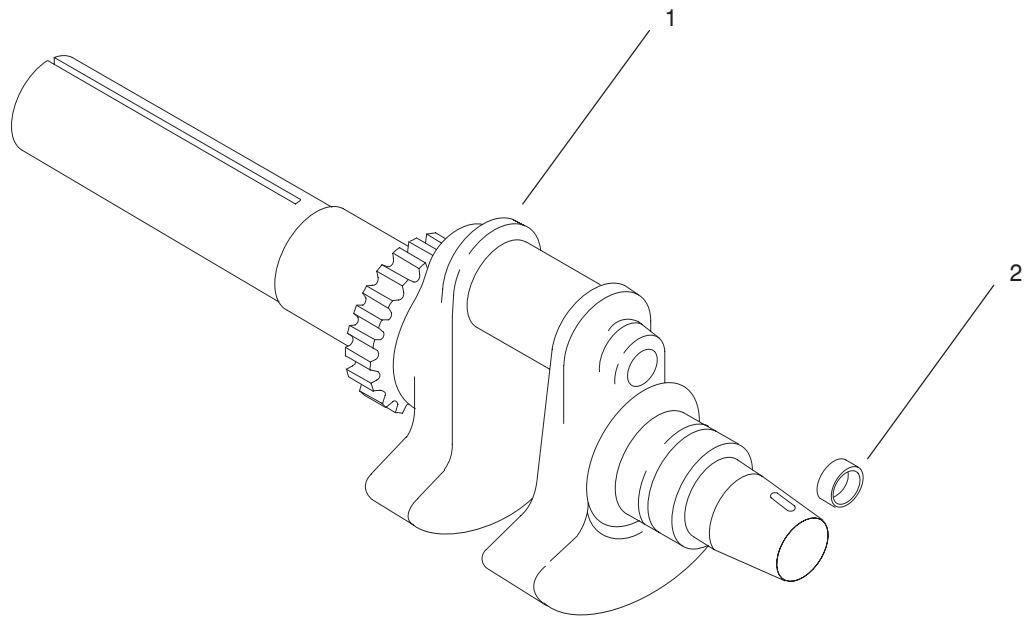
Belt and Idler Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	65-5940	1	Pulley-Idler
2	7-0081	1	Washer-Flat
3	3296-33	1	Nut-Lock, NI
4	3256-27	1	Washer-Flat
5	27-8580	1	Idler Socket & Bushing ASM
5:2	27-8490	1	Bushing-Rubber, Idler
6	65-5950	1	Bushing-Pulley
7	3211-8	1	Screw-HH
8	5-1077	1	Key-Square
9	3290-357	2	Nut-HHF
10	44-6300	1	Plate-Idler
11	3296-5	1	Nut-Lock, NI
12	57-0240	1	V-Belt
13	99-4627	1	V-Belt
19	99-5156-03	1	Baffle-Front, LH
20	93-3215-03	1	Baffle-Front, RH
21	3230-18	8	Screw-CARR
22	32128-20	8	Nut-HF

Ref. No.	Part No.	Qty.	Description

Electrical Schematic



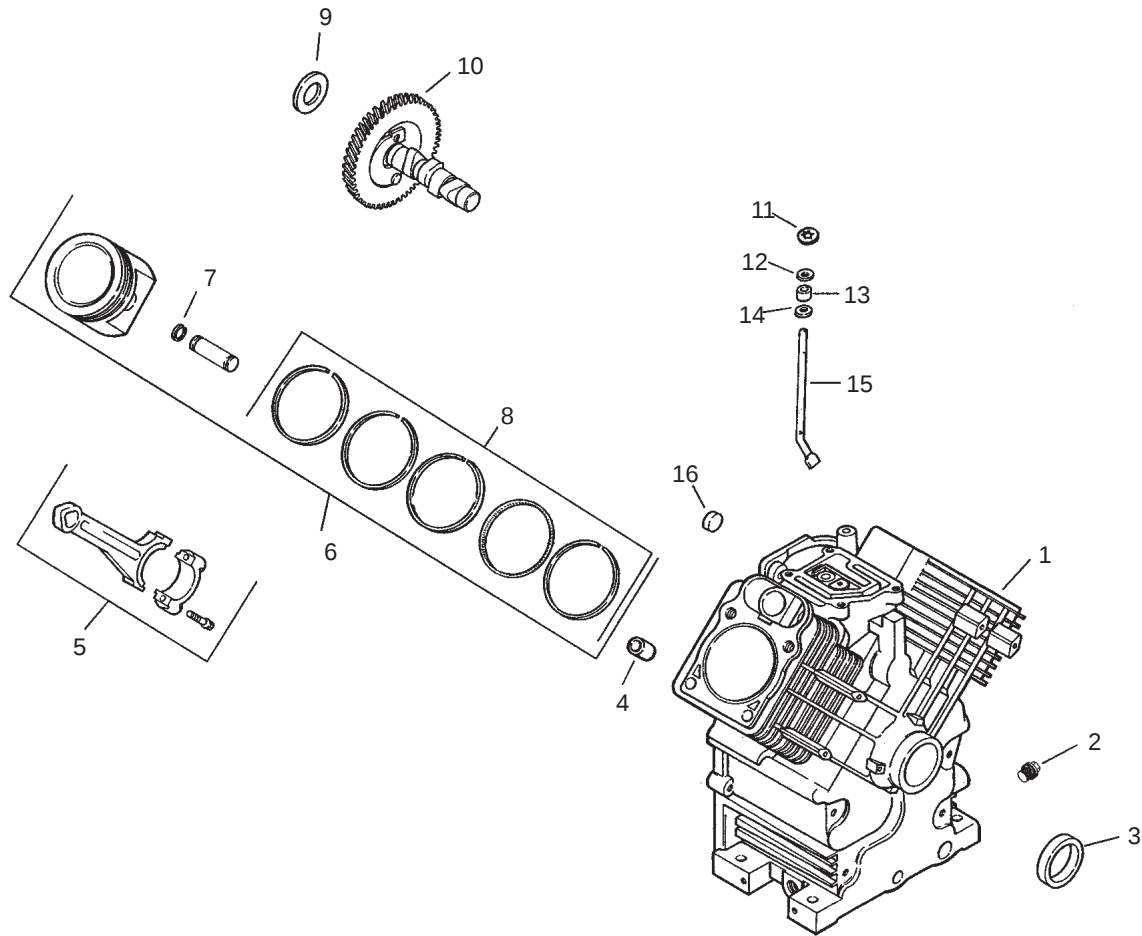


Group 1 – Crankshaft Assembly Kohler CH25S-68695

Ref. No.	Part No.	Qty.	Description
1	24 014 06-S	1	Crankshaft assembly (Includes 2)
2	52 139 09-S	1	Plug, cup

Ref. No.	Part No.	Qty.	Description

Obtain parts from Kohler

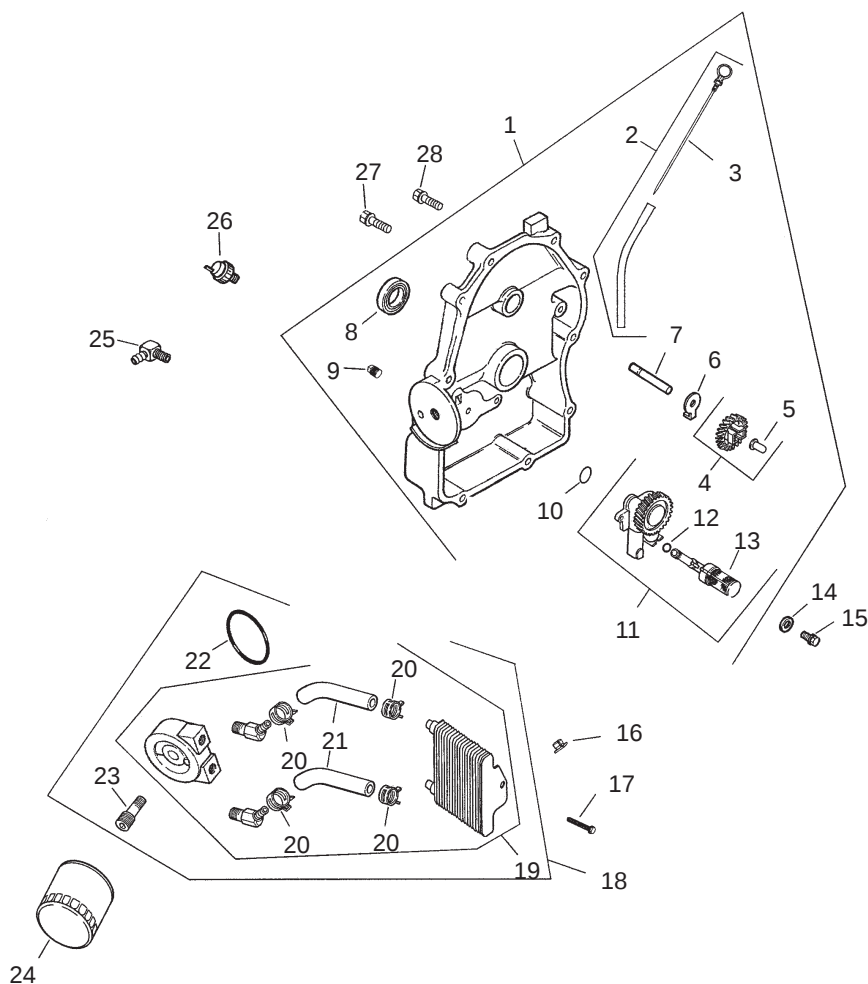


Group 2 – Crankcase Assembly Kohler CH25S-68695

Ref. No.	Part No.	Qty.	Description
1		1	Crankcase (USE: Short Block or Miniblock)
2	25 139 57-S	2	Plug, solid sq. hd. 3/8" N.P.T.F.
3	24 032 01-S	1	Seal, oil front
4	24 380 13-S	6	Pin, locating
5	24 067 13-S	2	Connecting Rod (Std.)
	24 067 14-S	2	Connecting Rod (.25)
6	24 874 08-S	2	Piston w/Ring Set (Std.) (Includes 7, 8)
	24 874 16-S	2	Piston w/Ring Set (.080) (Includes 7, 8)
7	24 018 01-S	4	Retainer, piston pin
8	24 108 05-S	2	Ring Set (Std.)
9	12 422 09-S	A.R.	Shim, camshaft
	12 422 13-S	A.R.	Shim, camshaft
	12 422 07-S	A.R.	Shim, camshaft
	12 422 08-S	A.R.	Shim, camshaft
	12 422 10-S	1	Shim, camshaft
	12 422 11-S	A.R.	Shim, camshaft
	12 422 12-S	A.R.	Shim, camshaft
10	24 012 10-S	1	Camshaft
11	24 018 09-S	1	Ring, retainer
12	M-931010-S	1	Washer, nylon (top)

Ref. No.	Part No.	Qty.	Description
13	28 032 09-S	1	Seal, governor cross shaft
14	24 468 15-S	1	Washer, (bottom)
15	24 144 33-S	1	Shaft, governor cross
16	52 139 09-S	1	Plug, cup

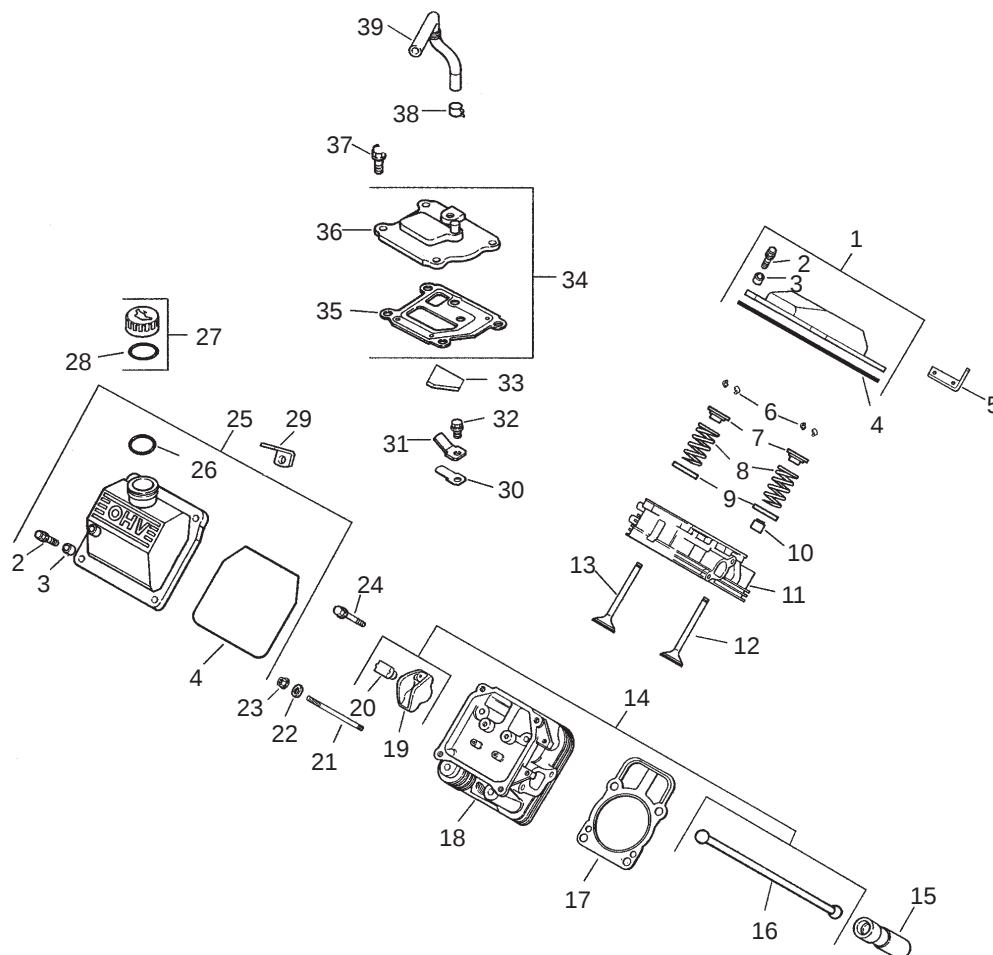
Obtain parts from Kohler



Group 3 – Oil Pan/Lubrication Assembly Kohler CH25S-68695

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	24 009 83-S	1	Kit, closure plate (Includes 2-13)	17	25 086 49-S	2	Screw, tapping 1/4-10x3/4"
2	24 755 121-S	1	Kit, dipstick & tube (Includes 3)	18	54 755 21-S	1	Kit, alum base oil cooler (Incl. 19-23)
3	24 038 10-S	1	Dipstick	19	24 594 09-S	1	Cooler, oil (Incl. 20, 21)
4	24 043 12-S	1	Kit, governor gear w/pin (Includes 5)	20	24 237 10-S	4	Clamp, hose
5	12 380 01-S	1	Pin, governor regulating	21	24 326 15-S	2	Hose
6	52 448 02-S	1	Tab, locking	22	24 153 13-S	1	O-Ring
7	12 144 02-S	1	Shaft, governor gear	23	28 136 01-S	1	Nipple, oil filter
8	52 032 08-S	1	Seal, oil (PTO end)	24	52 050 02-S	1	Filter, oil
9	25 139 60-S	2	Plug, allen hd. 1/8" pipe	25	25 155 02-S	1	Connector
10	24 153 08-S	1	O-Ring	26	24 099 03-S	1	Switch, oil pressure
11	24 393 10-S	1	Oil pump assembly (Includes 12, 13)	27	24 086 16-S	9	Screw, hex. flange M8x1.25x45
12	24 153 01-S	1	O-Ring, oil pick-up	28	24 086 17-S	1	Screw, hex. flange M8x1.25x45
13	24 381 04-S	1	Pick-up, oil		24 113 25-S	1	NOT ILLUSTRATED Decal, oil cooler
14	M-631005-S	2	Washer, plain 6 mm				
15	M-645025-S	2	Screw, hex. flange M6x1.0x25				
16	24 100 01-S	2	Nut, plastic				

Obtain parts from Kohler

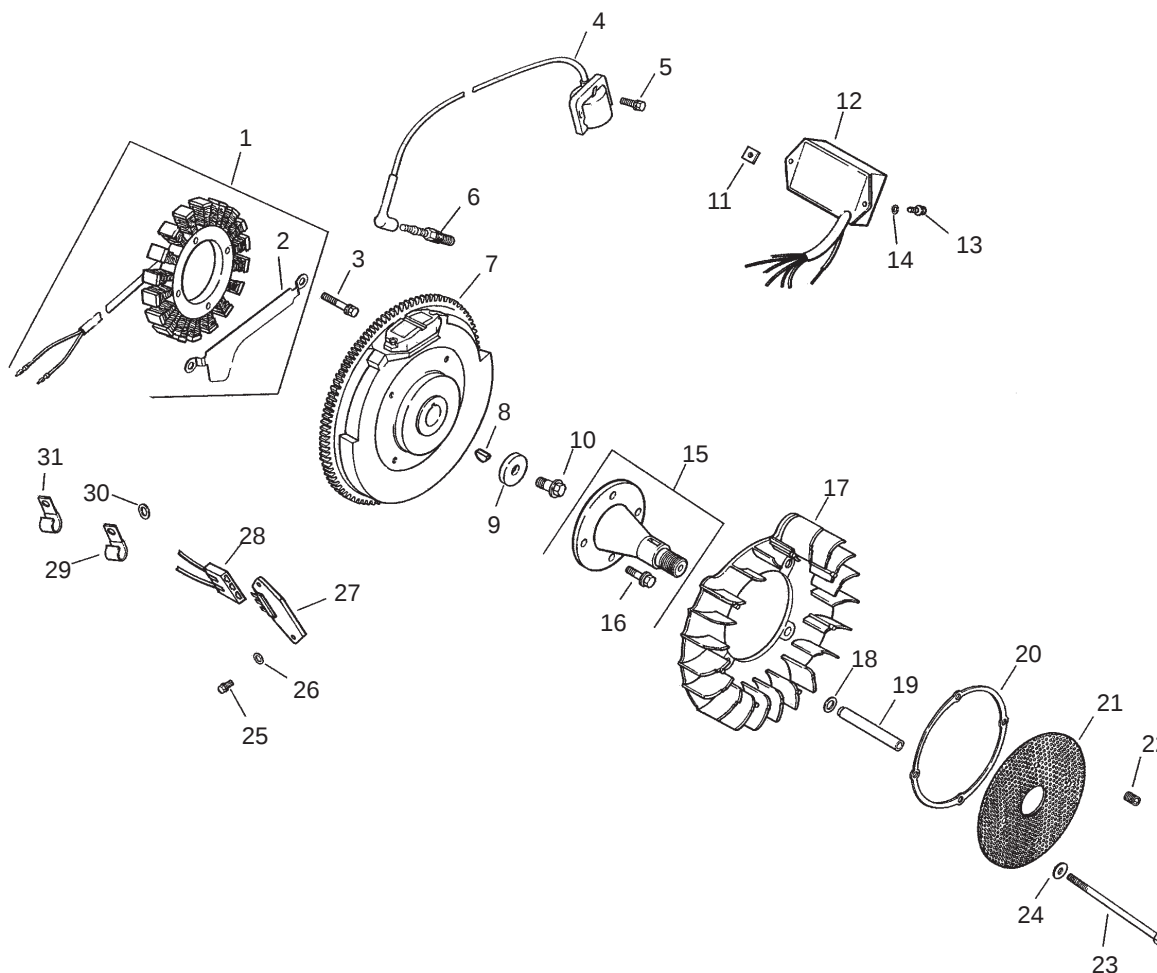


Group 4 – Head/Valve/Breather Assembly Kohler CH25S-68695

Ref. No.	Part No.	Qty.	Description
1	24 755 74-S	1	Kit, valve cover – plain (Includes 2-4)
2	M-651030-S	4	Screw, hex. flange M6x1.0x30
3	24 112 08-S	4	Spacer
4	24 153 16-S	1	O-Ring
5	24 445 01-S	1	Strap, lifting
6	12 755 03-S	4	Kit, retainer
7	12 173 01-S	4	Cap, valve spring
8	24 089 02-S	4	Spring, valve
9	235011-S	4	Retainer, spring
10	66 032 05-S	2	Seal, valve stem
11	24 318 65-S	1	Head asm, #1 cylinder
12	24 017 01-S	2	Valve, intake (Std.)
	24 017 02-S	2	Valve, intake (.25)
13	24 016 01-S	2	Valve, exhaust (Std.)
	24 016 02-S	2	Valve, exhaust (.25)
14	24 755 66-S	1	Kit, valve train (Includes 16, 19, 20)
15	25 351 01-S	4	Lifter, valve
16	24 411 05-S	4	Rod, push
17	24 041 37-S	2	Gasket, cylinder head
18	24 318 66-S	1	Head asm, #2 cylinder
19	25 186 01-S	4	Arm, rocker

Ref. No.	Part No.	Qty.	Description
20	24 599 01-S	4	Pivot, rocker arm
21	24 072 09-S	8	Stud M10x1.5x90
22	24 468 16-S	8	Washer, flat
23	24 100 10-S	8	Nut, hex. flg, M8x1.25
24	M-640034-S	4	Screw, hex M6x1.0x34
25	24 755 75-S	1	Kit, valve cover – oil fill (Includes 2-4, 26)
26	24 153 09-S	1	O-Ring
27	24 755 46-S	1	Kit, oil fill cap (Incl. 28)
28	12 153 03-S	1	O-Ring, oil fill cap
29	12 445 05-S	1	Strap, lifting
30	24 402 03-S	1	Reed, breather
31	12 018 01-S	1	Retainer, breather reed
32	M-545010-S	1	Screw, hex. flange M5x0.8x10
33	24 050 01-S	1	Filter, breather
34	24 033 01-S	1	Kit, breather (Incl. 35, 36)
35	24 041 23-S	1	Gasket, breather
36	24 096 58-S	1	Cover, breather
37	M-645020-S	4	Screw, hex. flange M6x1.0x20
38	25 237 08-S	1	Clamp, breather
39	24 326 31-S	1	Hose, breather

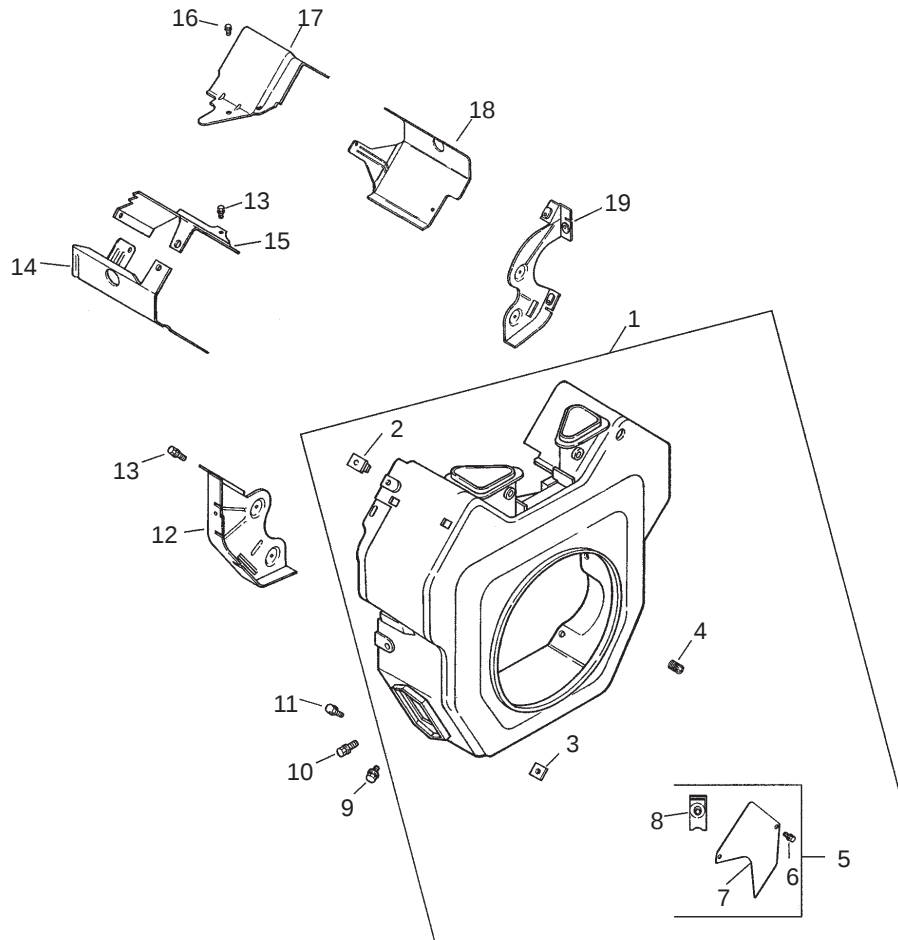
Obtain parts from Kohler



Group 5 – Ignition/Electrical Assembly Kohler CH25S-68695

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	54 755 09-S	1	Kit, 15 amp stator (Includes 2)	18	24 468 11-S	4	Washer, spring
2	24 126 71-S	1	Bracket, stator wire	19	24 112 14-S	4	Spacer
3	M-548025-S	2	Screw, hex. cap M5x0.8x25	20	24 141 06-S	1	Support, ring
4	24 584 15-S	2	Module, ignition	21	24 162 22-S	1	Screen, grass
5	M-561025-S	4	Screw, hex. socket hd. M5x0.8x25	22	25 086 43-S	1	Screw, set
6	12 132 06-S	2	Spark Plug	23	M-603100-S	4	Screw, hex. cap M6x1.0x100
7	24 025 14-S	1	Flywheel	24	X-25-53-S	4	Washer, plain 1/4"
8	X-42-15-S	1	Key	25	24 086 18-S	2	Screw, phillips hd. 11-16x7/8
9	12 468 03-S	1	Washer, plain 3/8"	26	X-25-92-S	2	Washer, plain 3/16"
10	12 086 14-S	1	Screw, hex. flange M10x1.5x46	27	25 403 03-S	1	Rectifier-regulator15a
11	24 100 02-S	2	Nut, plastic	28	236602-S	1	Connector
12	24 584 09-S	1	Module, speed advanc	29	47 154 01-S	1	Clip, cable (clamps wires to intake manifold)
13	24 086 41-S	2	Screw, phillips hd. 11-16x1/2"	30	X-25-63-S	1	Washer, plain 1/4"
14	X-22-11-S	1	Washer, lock 1/4"	31	48 154 02-S	1	Clip, cable (B+ lead) NOT ILLUSTRATED
15	24 755 08-S	1	Kit, front drive shaft (Includes 16)		24 176 98-S	1	Harness, wiring
16	M-839025-S	4	Screw, hex. flange M8x1.25x25		24 518 12-S	1	Lead, black (5" – 12 gauge – insulated grip barrel eyelet terminals)
17	24 157 03-S	1	Fan		25 454 03-S	2	Tie

Obtain parts from Kohler

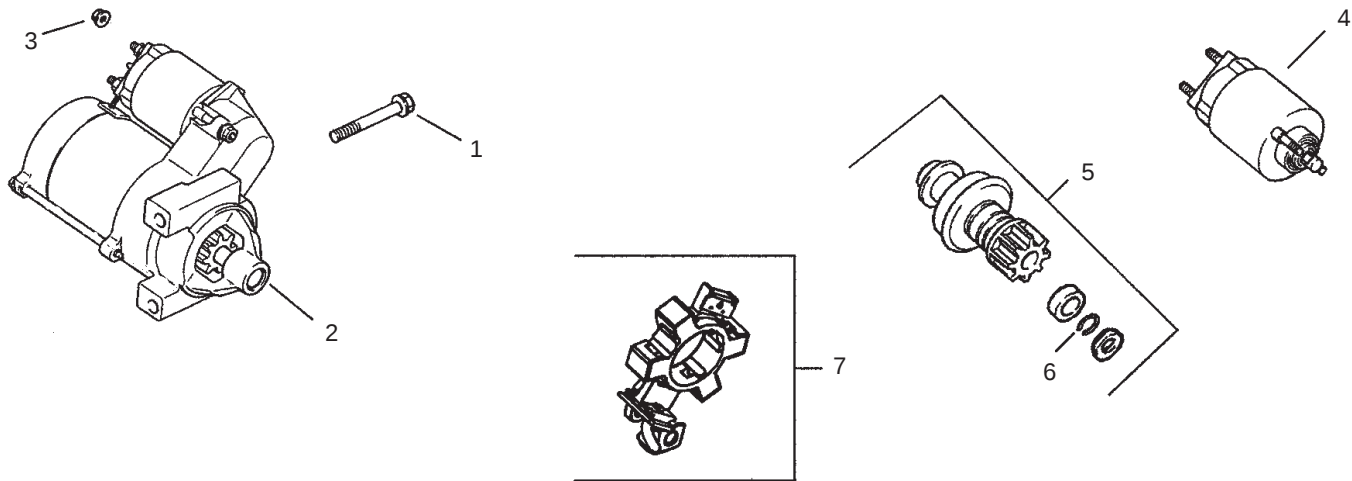


Group 6 – Blower Housing and Baffle Assembly Kohler CH25S-68695

Ref. No.	Part No.	Qty.	Description
1	84 027 05-S	1	Housing, blower asm (Includes 2-8)
2	24 100 01-S	3	Nut, plastic
3	24 100 02-S	2	Nut, plastic
4	25 086 43-S	1	Screw, set
5	25 755 21-S	1	Kit, access panel (Includes 6-8)
6	M-645016-S	4	Screw, hex. flange M6x1.0x16
7	24 096 64-S	2	Cover, access
8	25 154 02-S	4	Clip
9	M-551016-S	1	Screw, hex. flange M5x0.8x16
10	M-545016-S	2	Screw, hex flange M5x0.8x16
11	M-545020-S	4	Screw, hex flange M5x0.8x20
12	24 146 19-S	1	Plate, backing #2 side
13	M-645016-S	6	Screw, hex. flange M6x1.0x16
14	24 063 39-S	1	Baffle, cylinder barrel #2 side
15	24 063 17-S	1	Baffle, valley #2 side

Ref. No.	Part No.	Qty.	Description
16	M-545010-S	2	Screw, hex. flange M5x0.8x10
17	24 063 24-S	1	Baffle, valley #1 side
18	24 063 58-S	1	Baffle, cylinder barrel #1 side
19	24 146 20-S	1	Plate, backing #1 side
	24 146 34-S	1	NOT ILLUSTRATED Plate, HP

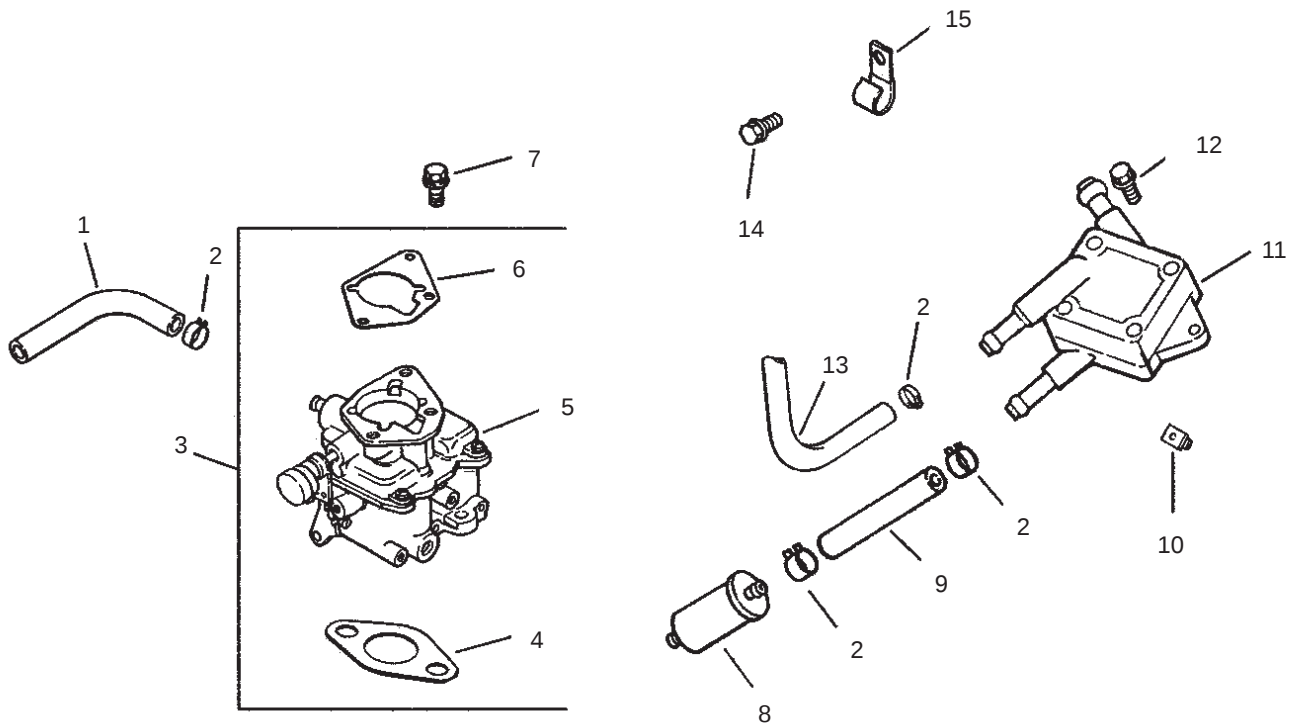
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Group 7 – Starting System Assembly **Kohler CH25S-68695**

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	M-839080-S	2	Screw, hex. flange M8x1.25x80				
2	25 098 08-S	1	Starter, solenoid shift asm (Includes 4-7)				
3	M-841080-S	1	Nut, hex. flange M8x1.25				
4	25 435 04-S	1	Kit, solenoid				
5	25 755 33-S	1	Kit, pinion drive (Includes 6)				
6	25 141 05-S	1	Ring				
7	25 221 01-S	1	Kit, brush				

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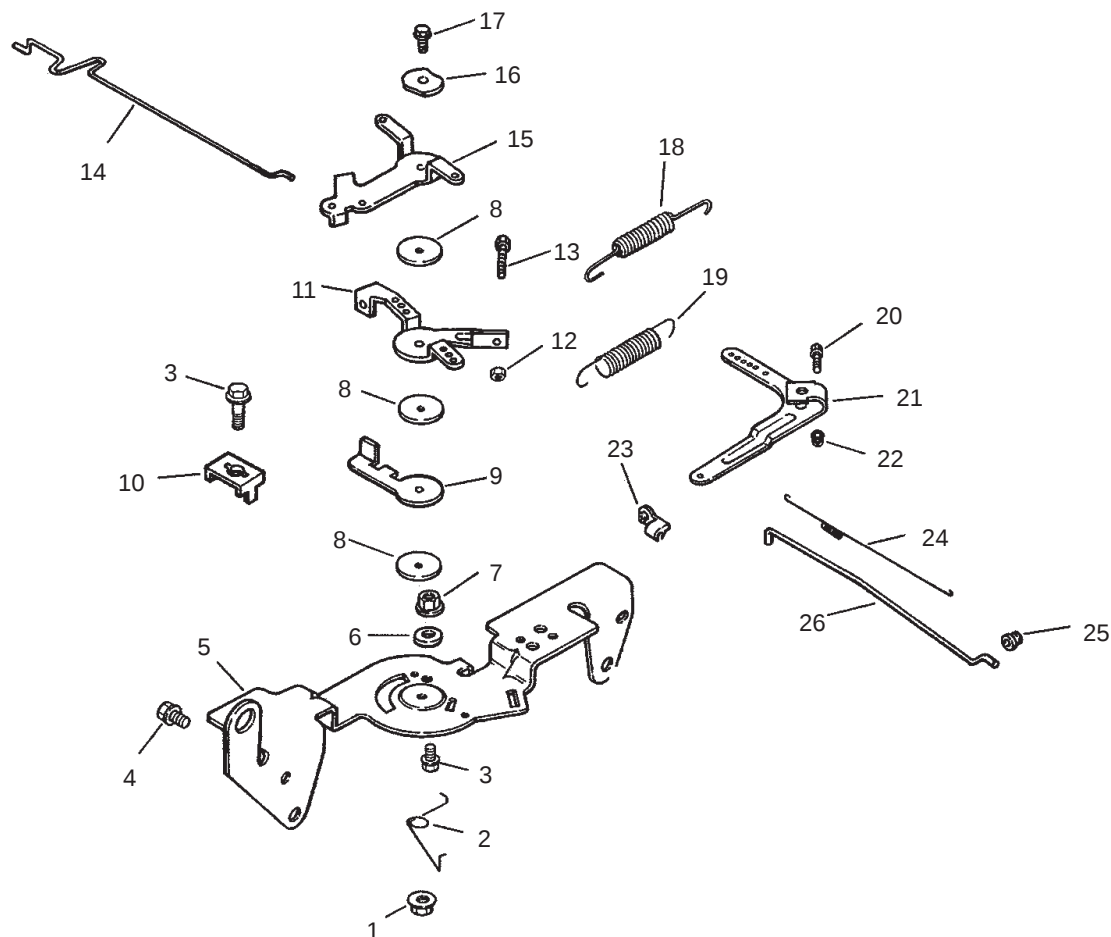


Group 8 – Fuel System Assembly Kohler CH25S-68695

Ref. No.	Part No.	Qty.	Description
1	25 353 32-S	1	Line, fuel 9-1/4"
2	25 237 14-S	6	Clamp, hose
3	24 853 78-S	1	Kit, carburetor with gasket (Includes 4-6)
4	24 041 17-S	1	Gasket, carburetor
5	24 053 78	1	Carburetor asm. (For information only not available separately) (Service with: 24 757 01-S, 24 757 02-S, 24 757 03-S, 24 757 07-S, 24 757 08-S, 24 757 09-S)
6	24 041 06-S	1	Gasket, air cleaner
7	M-651030-S	2	Screw, hex. flange M6x1.0x30
8	24 050 02-S	1	Filter, fuel
9	25 353 15-S	1	Line, fuel 3-1/2"
10	24 100 01-S	2	Nut, plastic
11	24 393 16-S	1	Pump, fuel – pulse
12	24 086 12-S	2	Screw, hex. cap 18 mm
13	24 353 02-S	1	Line, fuel 15-1/2"
14	M-650012-S	1	Screw, hex. flange M6x1.0x10

Ref. No.	Part No.	Qty.	Description
15	47 154 01-S	1	Clip, cable
			NOT ILLUSTRATED
	24 757 01-S	1	Kit, solenoid
	24 757 02-S	1	Kit, float
	24 757 03-S	1	Kit, carburetor repair
	24 757 07-S	1	Kit, choke repair
	24 757 08-S	1	Kit, repair – accelerator pump seal & bushing
	24 757 09-S	1	Kit, repair – accelerator pump diaphragm

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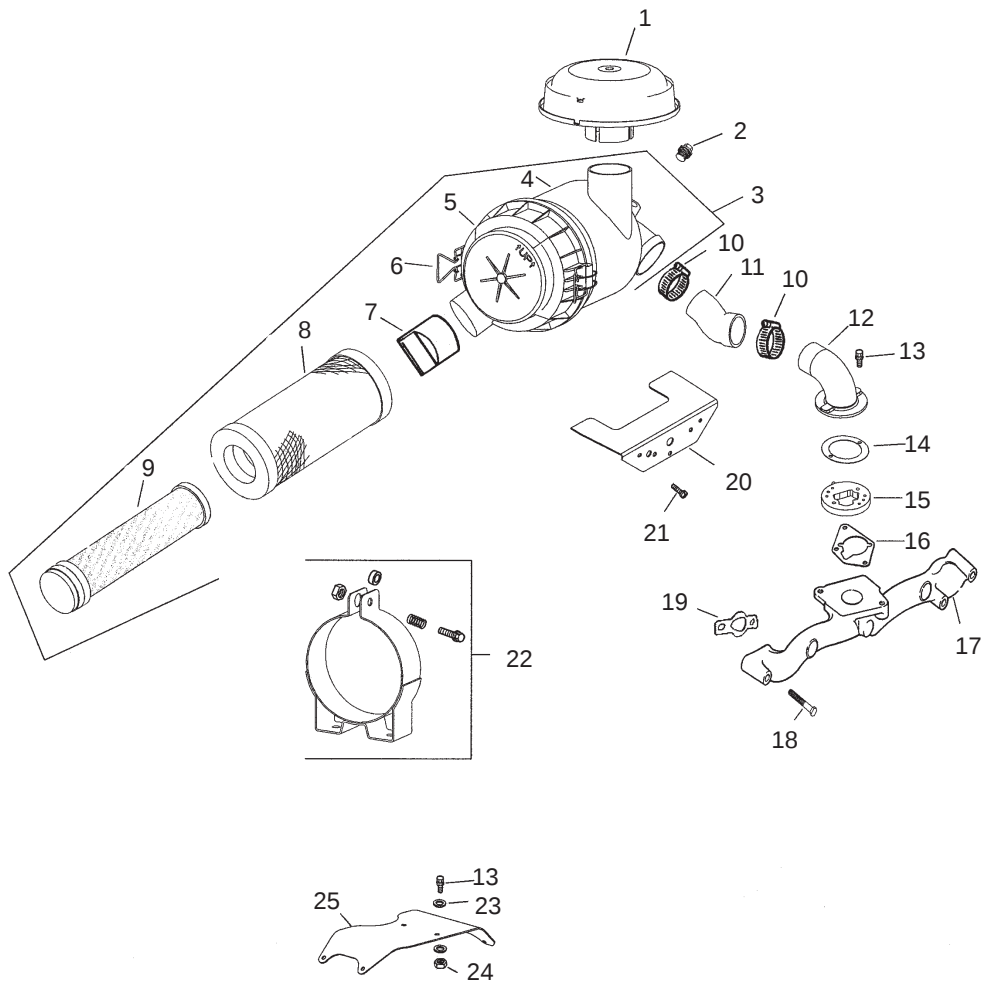


Group 9 – Engine Control Assembly Kohler CH25S-68695

Ref. No.	Part No.	Qty.	Description
1	M-547050-S	1	Nut, hex. lock M5x0.8
2	24 089 03-S	1	Spring, choke return
3	M-545016-S	3	Screw hex. flange M5x0.8x16
4	M-645016-S	4	Screw, hex. flange M6x1.0x16
5	24 126 56-S	1	Bracket, control
6	X-20-1-S	1	Washer, lock 1/4"
7	M-541050-S	1	Nut, hex. flange M5x0.8
8	24 468 01-S	3	Washer, plain 1/4"
9	24 090 07-S	1	Lever, throttle actuator
10	12 237 01-S	2	Clamp, cable
11	24 090 03-S	1	Lever, throttle control
12	M-446030-S	1	Nut, hex. flange M4x0.7
13	M-401030-S	1	Screw, hex. flange M4x0.7x30
14	24 079 02-S	1	Linkage, choke
15	24 090 05-S	1	Lever, choke
16	41 468 03-S	1	Washer, spring 1/4"
17	M-545020-S	1	Screw, hex. flange M5x0.8x20
18	24 089 51-S	1	Spring, throttle limiter

Ref. No.	Part No.	Qty.	Description
19	24 089 44-S	1	Spring, governor
20	24 211 03-S	1	Bolt, rd. hd. sq. neck M6x1.0x25
21	24 090 33-S	1	Lever, governor
22	M-641060-S	1	Nut, hex. flange M6x1.0
23	25 158 11-S	1	Bushing, linkage retaining
24	24 089 01-S	1	Spring, linkage
25	25 158 08-S	1	Bushing, throttle linkage
26	24 079 01-S	1	Linkage, throttle

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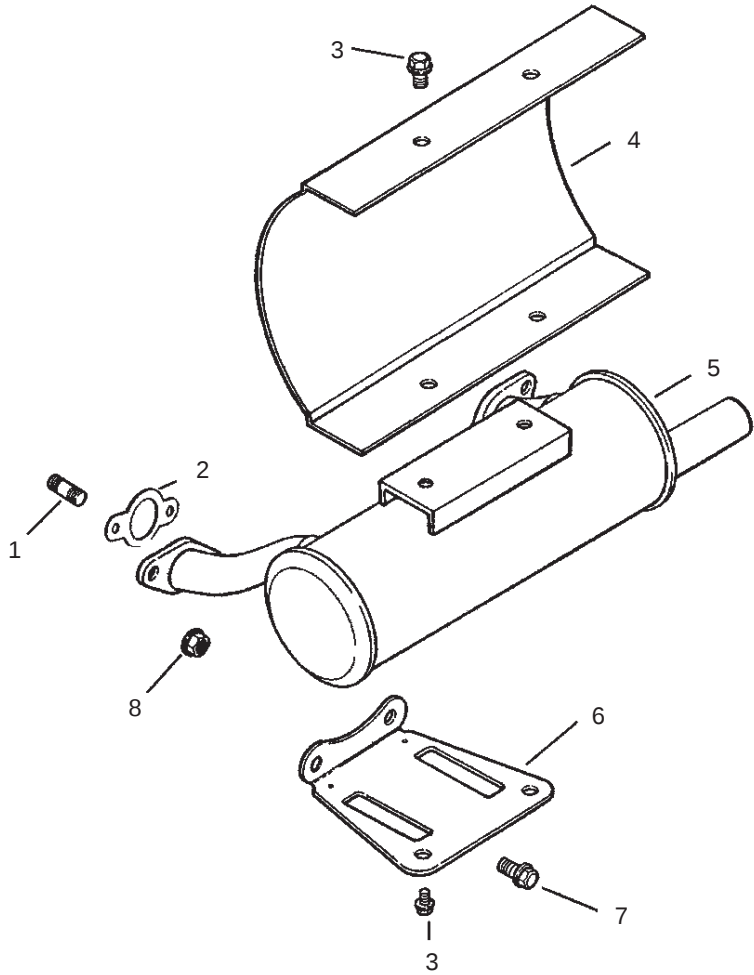


Group 10 – Air Intake/Filtration Assembly Kohler CH25S-68695

Ref. No.	Part No.	Qty.	Description
1	25 324 02-S	1	Hood, air cleaner
2	25 139 20-S	1	Plug, pipe
3	25 048 07-S	1	Cleaner, heavy duty air (Includes 4-9)
4	25 081 01-S	1	Housing, heavy duty air cleaner
5	25 096 06-S	1	Cover, heavy duty air cleaner
6	25 154 05-S	2	Clip
7	24 462 07-S	1	Valve, dust ejector
8	25 083 01-S	1	Element – primary
9	25 083 04-S	1	Element – safety filter
10	25 237 07-S	2	Clamp, hose
11	24 326 32-S	1	Hose, air cleaner
12	24 029 21-S	1	Adapter, remote air cleaner
13	M-639016-S	6	Screw, hex. flange M6x1.0x16
14	24 041 34-S	1	Gasket, adapter
15	24 029 24-S	1	Adapter
16	24 041 06-S	1	Gasket, air cleaner base
17	24 164 14-S	1	Manifold, intake

Ref. No.	Part No.	Qty.	Description
18	25 086 84-S	4	Screw, hex. flange M6x1.0x55
19	24 041 01-S	2	Gasket, intake manifold
20	24 314 25-S	1	Shield, debris
21	24 086 06-S	4	Screw, phillips hd. 11-16x3/4"
22	25 126 02-S	1	Bracket, air cleaner
23	X-25-73-S	4	Washer, plain 1/4"
24	M-647060-S	2	Nut, hex. lock M6x0.8
25	24 126 98-S	1	Bracket, air cleaner

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Group 11 – Exhaust Assembly
Kohler CH25S-68695

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	25 072 04-S	4	Stud, M8x1.25x33				
2	24 041 02-S	2	Gasket, exhaust				
3	M-650012-S	4	Screw, hex. flange M6x1.0x12				
4	24 314 04-S	1	Shield, heat				
5	24 068 18-S	1	Muffler				
6	24 126 12-S	1	Bracket, muffler				
7	M-839020-S	2	Screw, hex. flange M8x1.25x20				
8	M-841080-S	4	Nut, hex. flange M8x1.25				
	24 755 113-S	1	Gasket Set				

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Maintenance Record

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Maintenance Record

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