



Z-Master 250 Series

Z255 with 52" Side Discharge Mower

Model No. 74204—200000001 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.

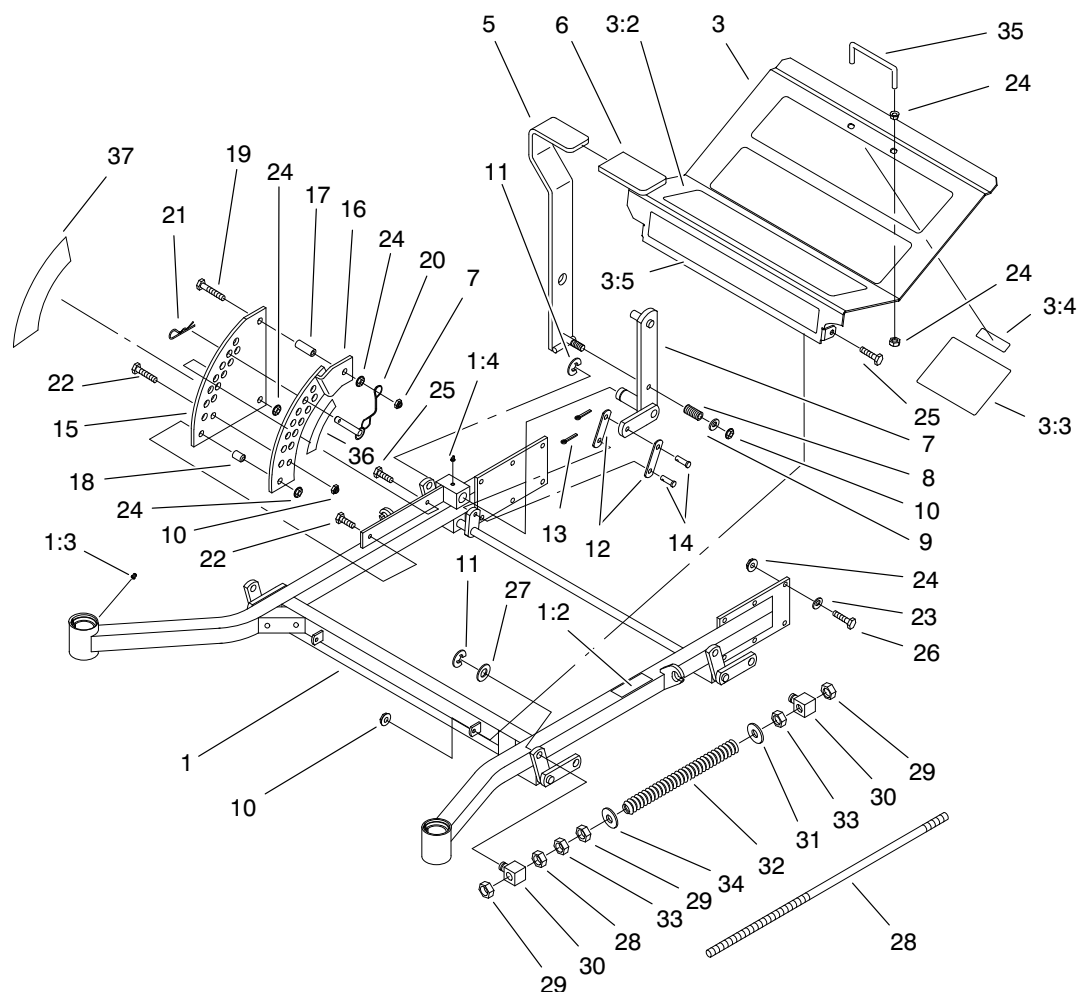
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

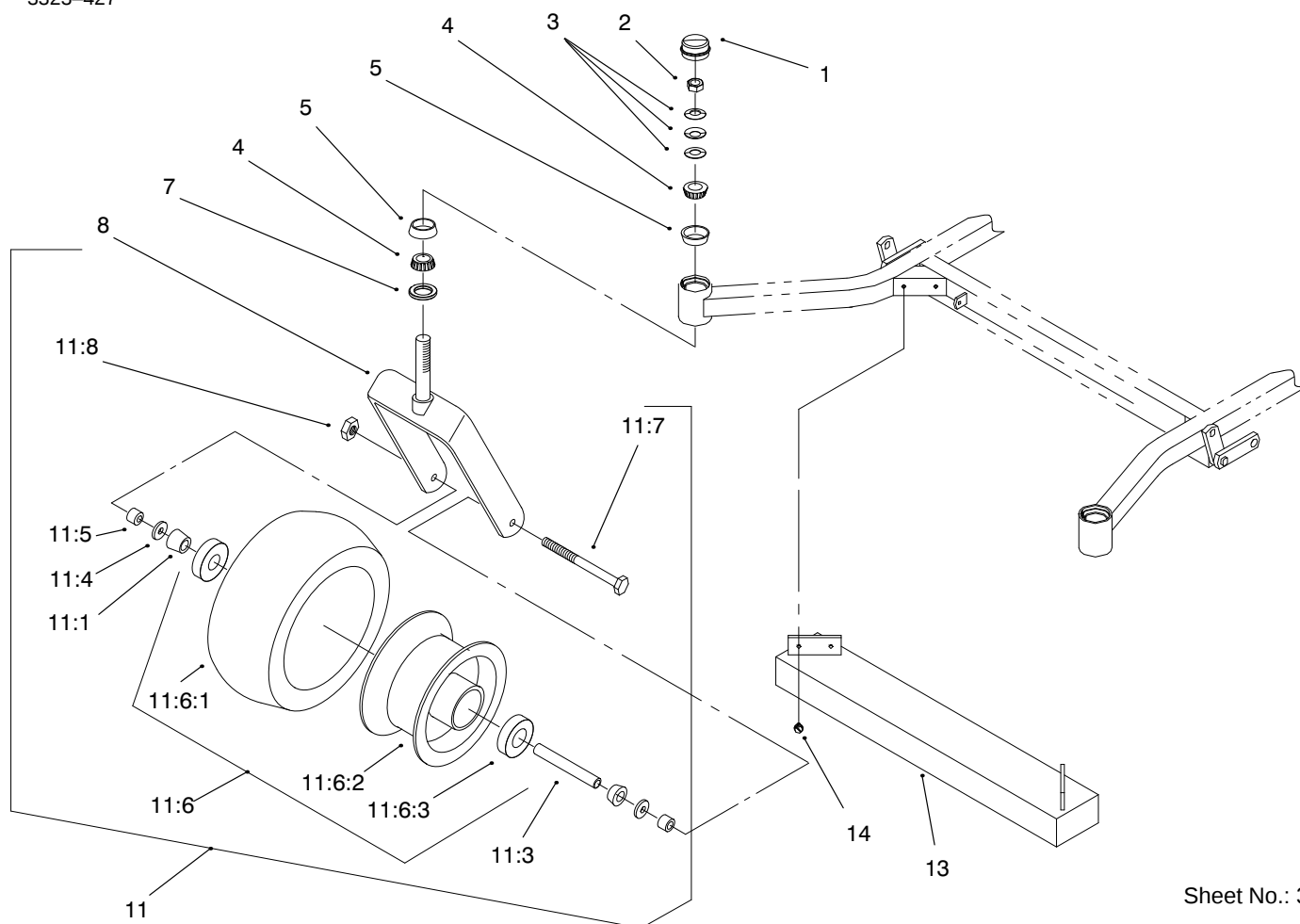
Abbreviation	Meaning	Abbreviation	Meaning
AR	as required	INC	incorporated
ASM	assembly	LH	left hand
CARR	carriage	NI	nylon insert
DEG	degrees	PPH	Phillips pan head
FH	flat head	PTH	Phillips truss head
GA	gauge	PTO	power take off
HF	hex flange	RH	right hand
HH	hex head	SFH	slotted fillister head
HHF	hex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



Sheet No.: 2

Front Frame Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	100-4305	1	Frame-Front 52"	22	323-9	2	Screw-HH
1:2	E633818	1	Decal	23	98-5975	12	Washer
1:3	E811010	2	Plug-Caster Swivel	24	3290-357	19	Nut-Lock Flange
1:4	320-19	5	Fitting - Grease	25	323-6	3	Screw-HH
3	99-4622	1	Floorpan ASM	26	323-7	12	Screw-HH
3:2	E633553	3	Pad - Antiskid	27	3256-29	4	Washer-Flat
3:3	E633766	1	Decal-Check	28	E633096	2	Rod-Deck Lift
3:4	98-5954	1	Decal-Cover Missing	29	3217-11	8	Nut-Hex
3:5	E633737	1	Decal- Z-Master	30	E633441	4	Swivel-Deck Mount
5	E632324	1	Lift Lever ASM	31	3256-7	2	Washer-Flat
6	E633295	1	Grip-Lift Lever	32	E653009	2	Spring-Lift Assist
7	E632219	1	Arm-Deck Lift	33	3218-6	4	Nut-Jam
8	E633325	1	Spring-Compression	34	3256-27	2	Washer-Flat
9	3256-24	1	Washer-Flat	35	E633587	1	Handle
10	3296-39	5	Nut-Lock, Ni	36	E633706	1	Decal-Deck Height
11	E808505	5	Ring-Snap	37	E633345	1	Decal-Deck Height
12	E633068	2	Arm-Deck Lift				
13	3272-10	2	Pin-Cotter				
14	E808284	2	Pin-Clevis				
15	E633889	1	Plate - Deck Lift				
16	E632899	1	Plate-Deck Lift				
17	E633082	1	Bushing-Lift Lever				
18	E633080	1	Bushing-Lift Lever				
19	323-13	1	Screw-HH				
20	E633097	1	Pin-Hitch w/Lanyard				
21	E806005	1	Hairpin				

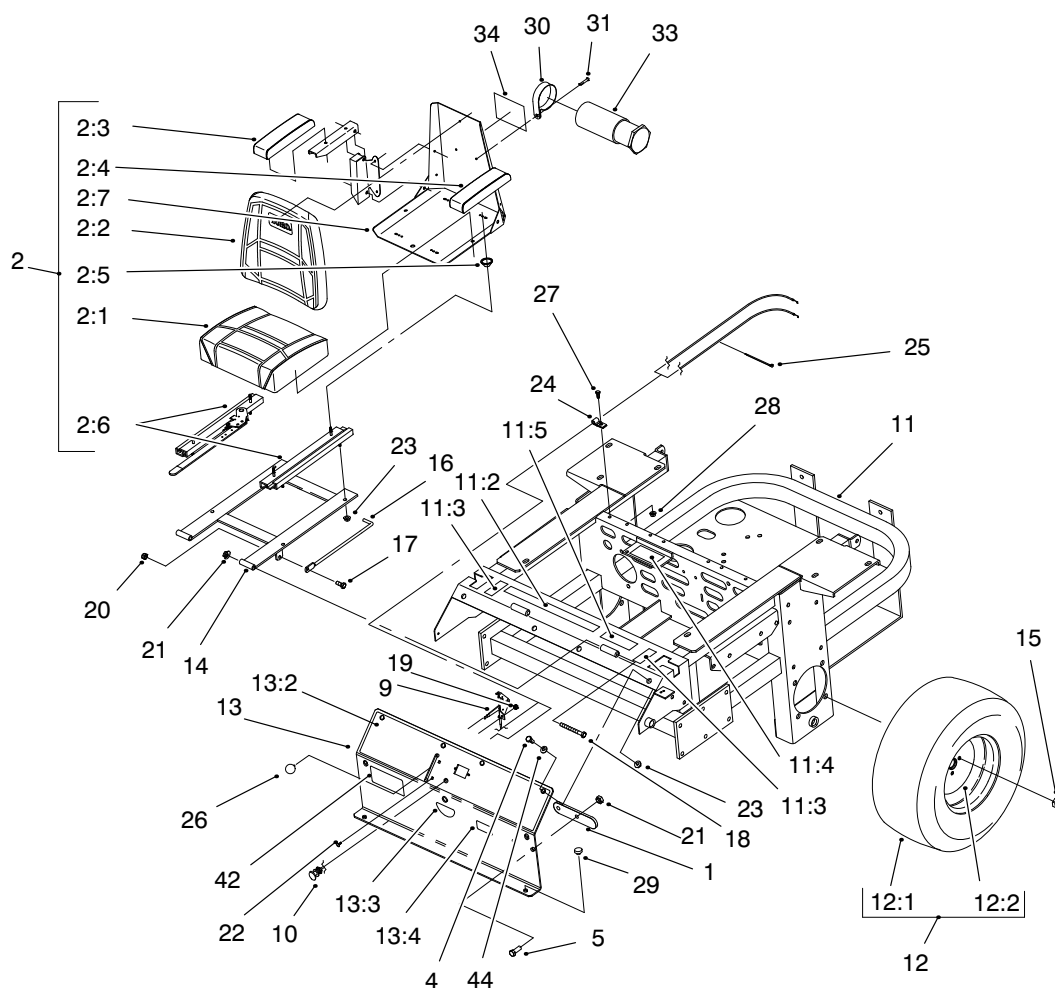


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Caster and Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	E543513	2	Cap–Grease
2	32146–14	2	Locknut
3	E633508	6	Washer–Bellevue
4	254–94	4	Bearing–Taper/Cone
5	254–72	4	Bearing–Taper/Cup
7	E543511	2	Seal–Grease
8	E632511	2	Caster
11	E634662	2	Caster Wheel ASM
11:1	254–78	2	Bearing–Roller, Cone
11:3	E633579	1	Spacer–Front Caster
11:4	E633580	2	Seal–Bearing
11:5	E633581	2	Spacer–Bearing
11:6	E633582	1	Wheel & Tire ASM
11:6:1	E633002	1	Tire
11:6:2	E633583	1	Wheel
11:6:3	254–79	2	Bearing–Roller, Cup
11:7	325–36	1	Screw–HH
11:8	3296–45	1	Nut–Lock Ni
13	E632802	1	Weight
14	32144–70	4	Screw–HH

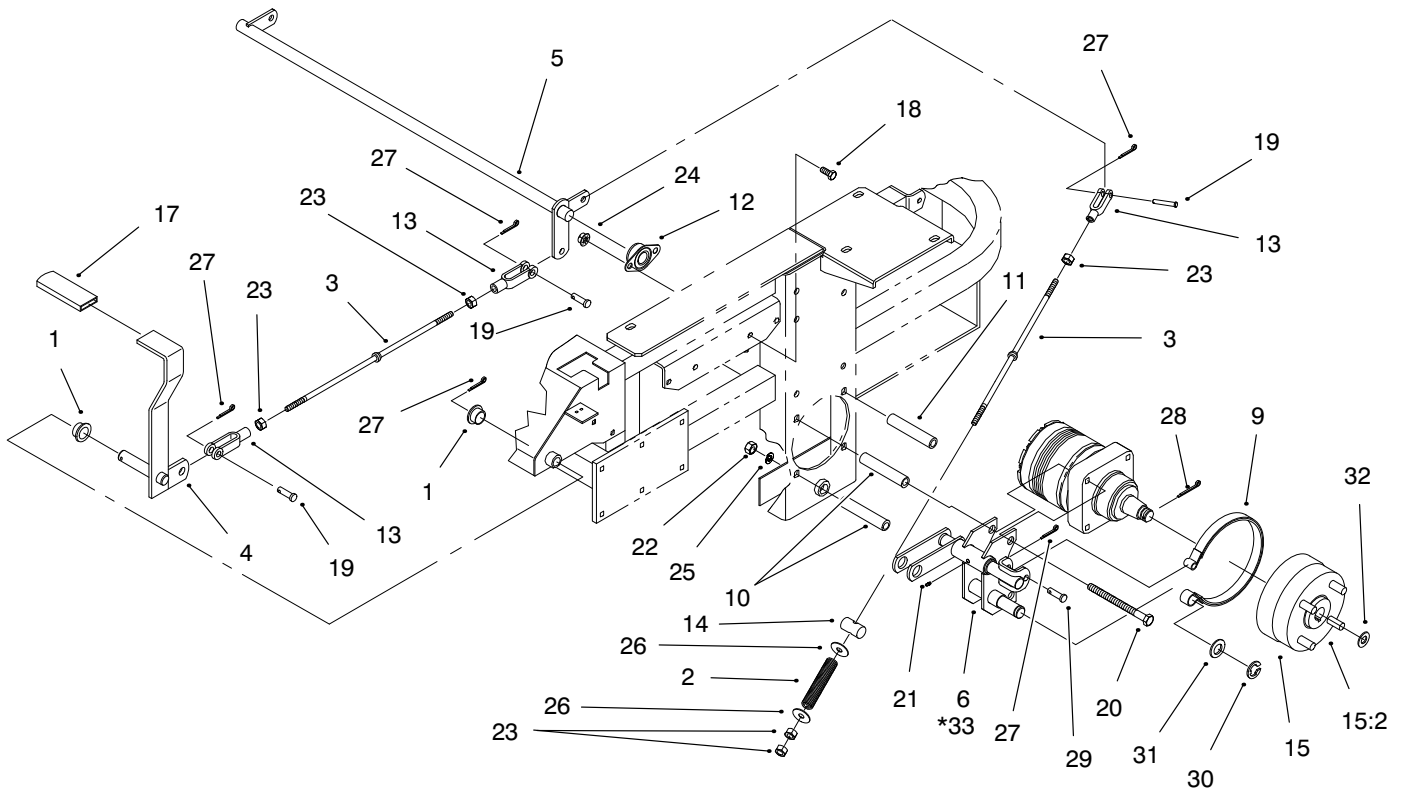
Ref. No.	Part No.	Qty.	Description



Sheet No.: 4

Rear Frame and Wheel Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	E633964	1	Stop – Park Brake	14	E632187	1	Frame–Seat
2	E633705	1	Seat ASM w/Armrest	15	E513011	1	Nut–Wheel
2:1	E543407	1	Cushion–Seat	16	E633293	1	Rod–Seat Holdup
2:2	E633709	1	Cushion–Backrest	17	322–5	1	Screw–HH
2:3	E633710	1	Armrest – RH	18	323–21	2	Screw–HH
2:4	E633711	1	Armrest – LH	19	3296–2	2	Nut–Lock
2:5	E543401	4	Spacer–Track	20	3296–41	1	Nut–Lock Ni
2:6	E643255	1	Track–Locking, 4"	21	3296–39	4	Nut–Lock, Ni
2:7	E633859	1	Frame–Seat	22	E807513	2	Bolt–CARR
4	322–3	8	Screw–HH	23	32128–20	12	Nut–HF
5	323–6	2	Screw–HH	24	E513762	1	Clip
9	E633696	1	Cable–Throttle	25	E303335	1	Tie–Plastic
10	E603336	1	Control–Choke, Push–Pull	26	E513592	1	Knob–Ball, Red
11	100–4261	1	Frame ASM–Rear	27	321–4	1	Screw–HH
11:2	E513747	1	Decal–Battery	28	32128–33	1	Nut–HF
11:3	E633354	2	Decal–Motion Control	29	E513658	2	Bumper–Catcher, Grass
11:4	E513929	1	Decal–Drive Release	30	2412–120	2	R Clamp
11:5	E643372	1	Decal Hazardous Mat.	31	32104–76	2	Screw–Acorn Slot
12	E653010	2	Wheel And Tire ASM	33	74–0720	1	Tube–Manual
12:1	E653160	1	Tire	34	93–7340	1	Decal–Toro
12:2	E653158	1	Wheel	42	E633736	1	Decal –Z255
13	99–4623	1	Console ASM	44	3256–23	6	Washer–Flat
13:2	99–4611	1	Decal–Control Panel				
13:3	E633346	1	Decal–Fuel Valve				
13:4	98–4387	1	Decal – Ear Protection				



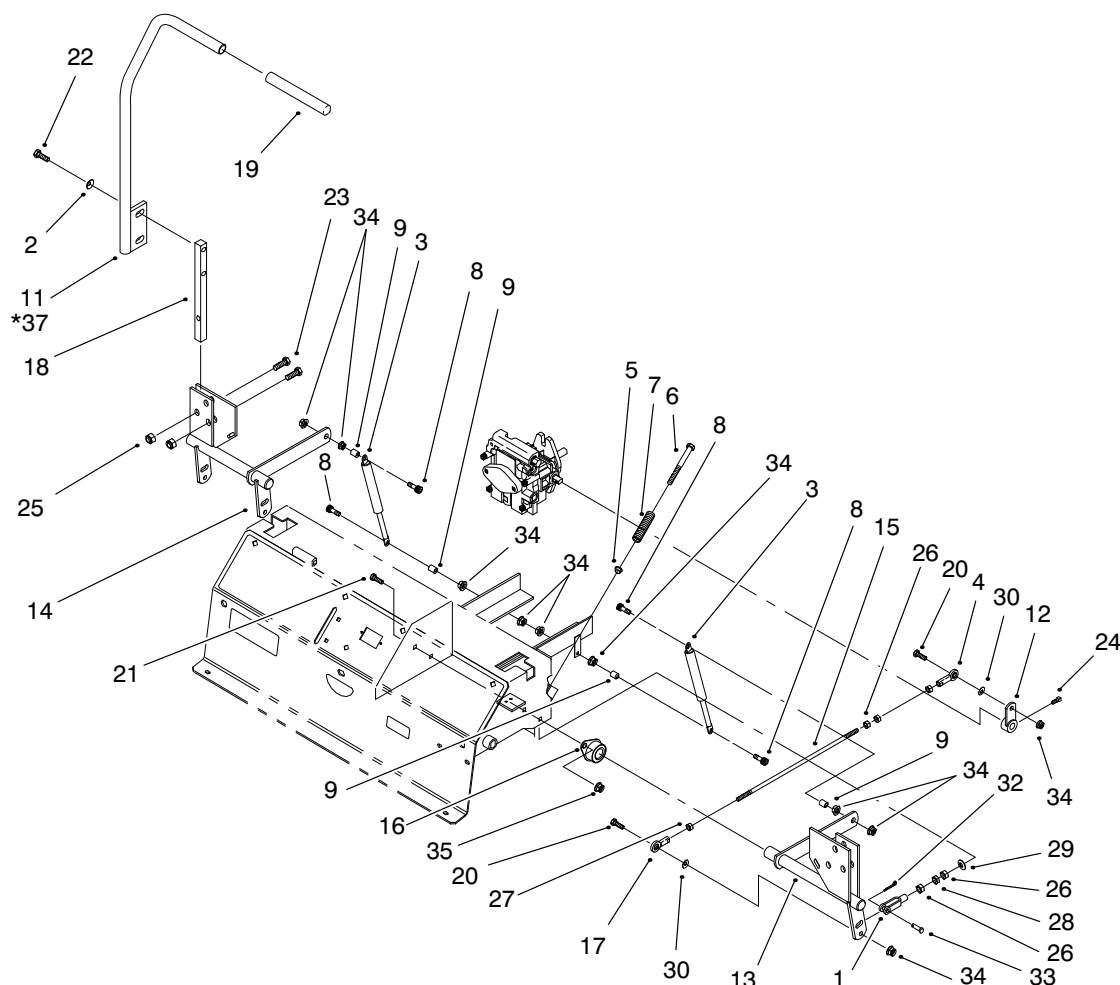
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Brake and Wheel Hub Assembly

Ref. No.	Part No.	Qty.	Description
1	E513140	2	Bearing, Control
2	E633454	2	Spring-Brake
3	E633477	3	Rod-Brake
4	E632489	1	Lever-Brakepoint
5	E632217	1	Shaft-Brake
6	E632714	1	Bracket-Brake, LH
9	E633693	2	Brake Band
10	E633380	4	Spacer-Short, Wheel
11	E633382	4	Spacer-Long, Wheel
12	E633102	2	Bearing-Side Flange
13	E633131	4	Yoke-Brake Linkage
14	E633144	2	Pin-Trunion
15	E634927	2	Hub And Drum ASM
15:2	E633926	4	Stud-Wheel
17	E633268	1	Grip-Brake Lever
18	323-4	4	Screw-HH
19	E808285	4	Pin-Clevis
20	325-17	8	Screw-HH
21	E811007	2	Fitting-Grease
22	3217-9	8	Nut-Hex
23	3219-3	8	Nut-Hex
24	3290-357	4	Nut-Lock Flange
25	3253-7	8	Washer-Lock/Sp
26	3256-4	4	Washer-Flat
27	3272-10	7	Pin-Cotter
28	E806800	2	Pin-Cotter

Ref. No.	Part No.	Qty.	Description
29	E808283	2	Pin-Clevis
30	E808514	2	Ring-Retaining
31	3256-28	2	Washer-Flat
32	E523157	2	Spacer
*33	E632715	1	Bracket-Brake, RH

* Not illustrated



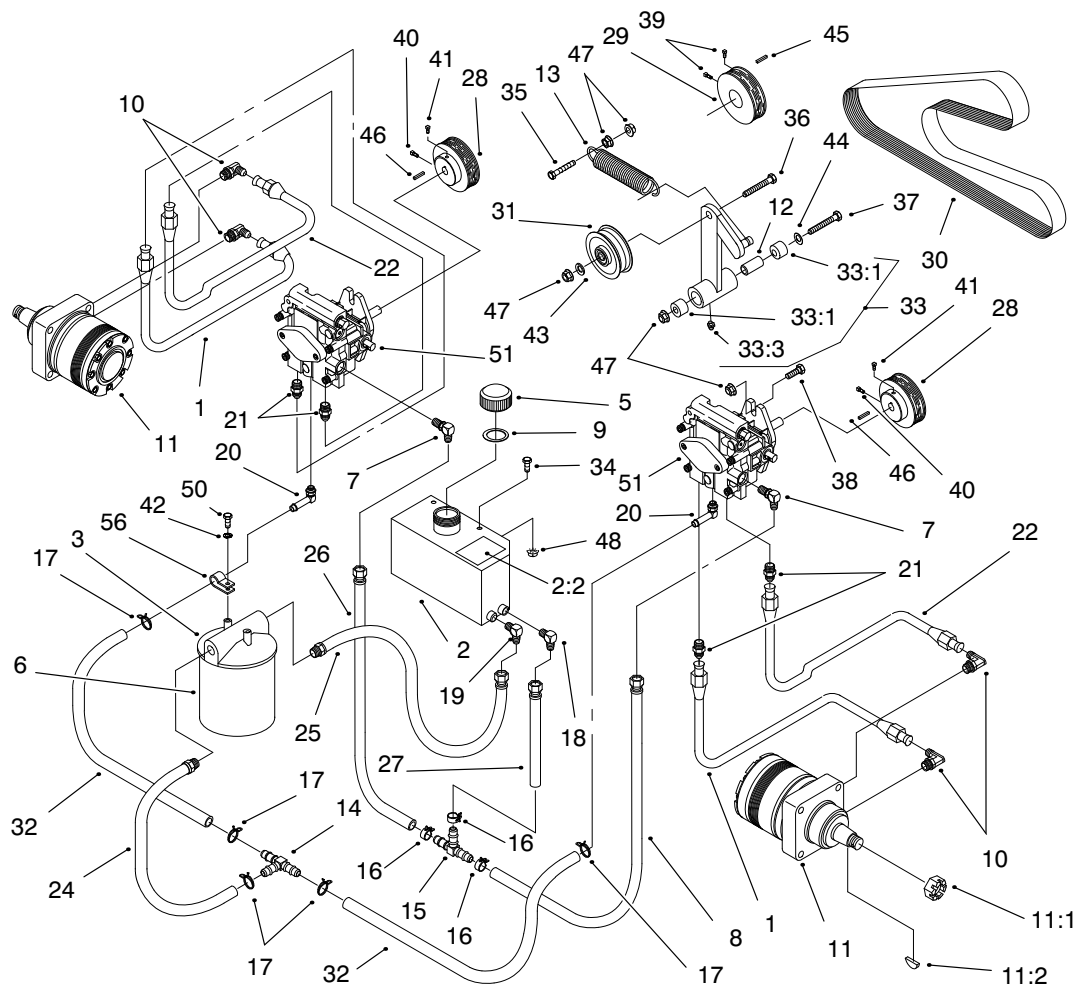
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Control Panel Assembly

Ref. No.	Part No.	Qty.	Description
1	E303105	2	Yoke-Adjustable
2	98-5975	4	Washer
3	E523027	2	Damper-Control
4	E543017	2	Ball Joint
5	E603735	2	Bushing-Nylon Flanged
6	E603737	2	Bolt-Neutral Return
7	E603807	2	Spring-Neutral Return
8	E403180	4	Screw-HH
9	E653299	4	Spacer-Damper
11	E632193	1	Lever-RH
12	E632208	2	Arm-Pump Control
13	E642319	1	Motion Control, LH
14	E642320	1	Motion Control RH
15	E633153	2	Linkage
16	E633102	4	Bearing-Side Flange
17	E633152	2	Ball Joint-LH Thread
18	E633177	2	Arm
19	E633257	2	Grip-Motion 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	E803022	2	Screw
25	3296-39	6	Nut-Lock, Ni
26	3219-2	10	Nut-Hex

Ref. No.	Part No.	Qty.	Description
27	3220-20	2	Nut-Jam LH
28	3220-2	2	Nut-Jam
29	3256-2	2	Washer-Flat
30	3256-3	4	Washer-Flat
32	3272-5	2	Pin-Cotter
33	E808280	2	Pin-Clevis
34	32128-20	12	Nut-HF
35	3290-357	8	Nut-Lock Flange
*37	E632191	1	Lever-LH

* Not illustrated

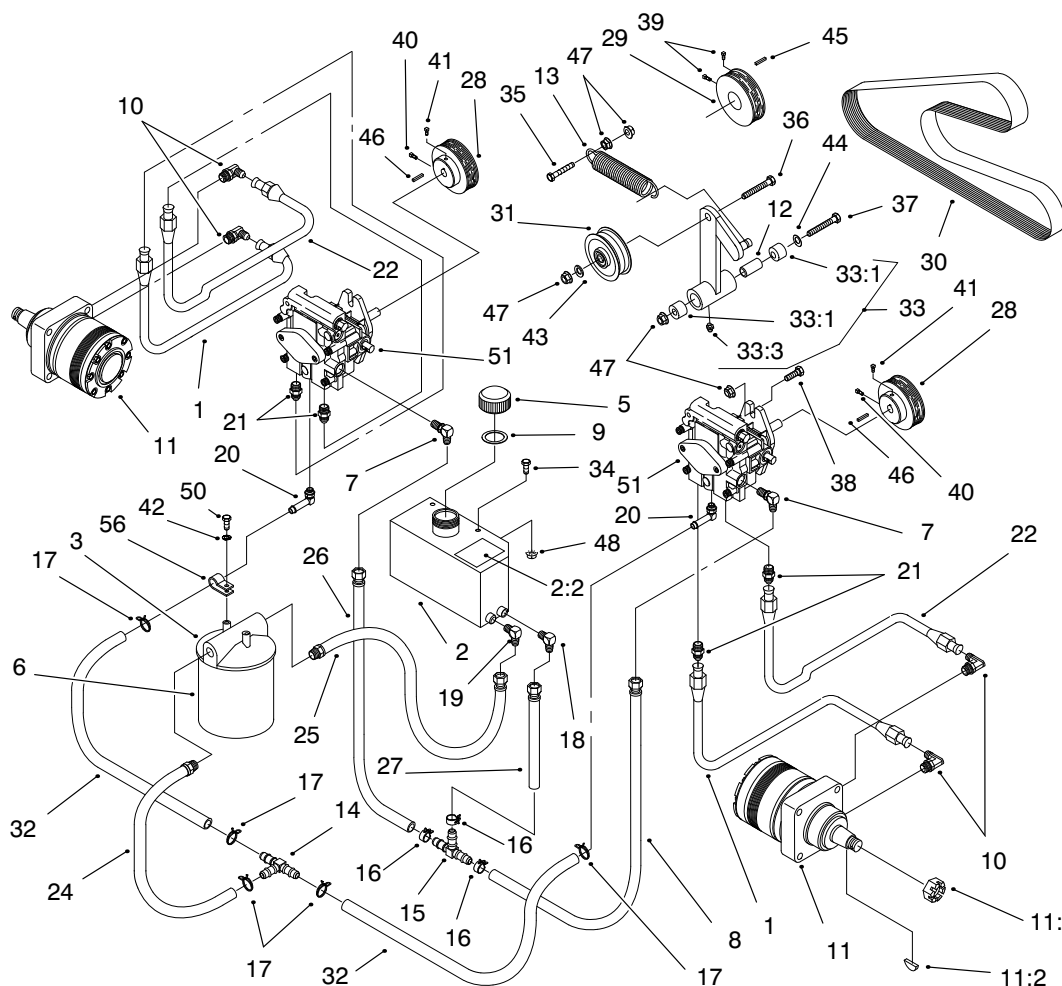


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Hydraulic System Assembly

Ref. No.	Part No.	Qty.	Description
1	E633774	2	Hose-High Pressure
2	99-4625	1	Hydraulic Tank ASM
2:2	E523552	1	Decal - Hydraulic Tank, Hot Surface
3	E513006	1	Filter-Head
5	E513167	1	Cap-Hydraulic Reservoir
6	E633750	1	Filter-Hydro
6	E633752	1	Filter-Hydro, Winter
7	E513840	2	Elbow-90
8	E522217	1	Low Pressure Hose ASM
9	E523103	1	Gasket-Tank/Cap
10	E633786	4	Elbow 90°
11	E523328	2	Motor-Wheel
11:1	E809036	1	Nut-Castle
11:2	E807020	1	Woodruff-Key
12	E603384	1	Bushing-Idler Pivot
13	E603413	1	Spring-Extension
14	E603721	1	Fitting
15	E603722	1	Fitting
16	E603826	3	Clamp-Hose
17	E603827	5	Clamp-Hose
18	E603987	1	Elbow
19	E603988	1	Elbow
20	E603989	2	Elbow

Ref. No.	Part No.	Qty.	Description
21	E603990	4	Adapter
22	E633775	2	Hose-High Pressure
24	E632281	1	12" Low Pressure Hose ASM
25	E632282	1	13" Low Pressure Hose ASM
26	E632285	1	Hose-Low Pressure
27	E632286	1	Hose-Low Pressure
28	E633568	2	Sheave
29	E633567	1	Sheave
30	E633749	1	Belt
31	E633167	1	Pulley-Idler
32	E633335	2	Hose-Low Pressure
33	E634277	1	Arm ASM
33:1	E513034	2	Bearing-Pivot
33:3	E811008	1	Fitting-Grease
34	321-4	2	Screw-HH
35	323-8	1	Screw-HH
36	323-9	1	Screw-HH
37	E800805	1	Screw-HH
38	323-7	4	Screw-HH
39	E803022	2	Screw
40	3242-6	2	Screw-SQH Set
41	3242-4	2	Screw-SQH Set
42	3253-3	2	Washer-Lock/Sp
43	3256-3	1	Washer-Flat

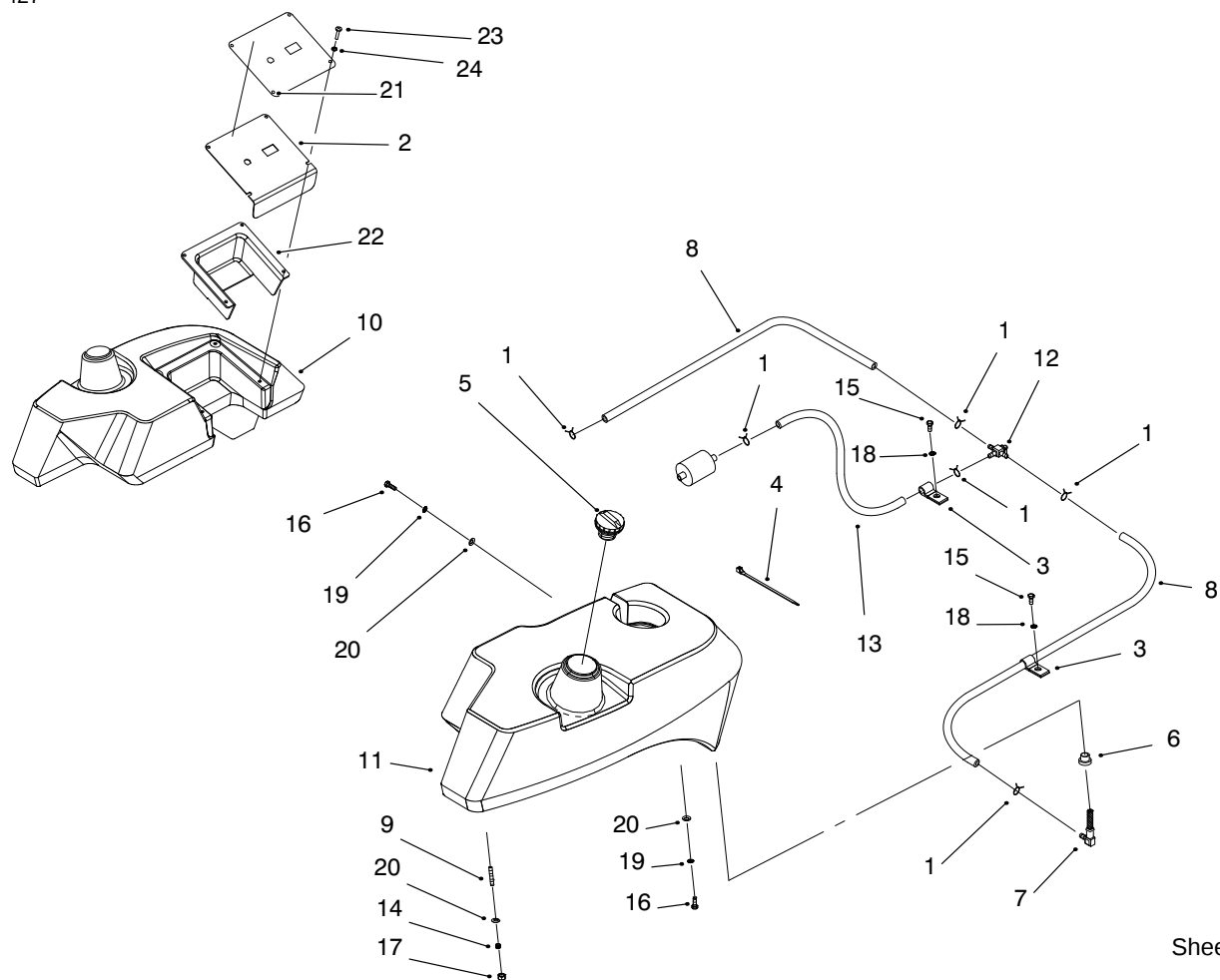


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Hydraulic System Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
44	3256-4	1	Washer-Flat
45	13-2840	1	Square Key
46	E807272	2	Key
47	3290-357	8	Nut-Lock Flange
48	32128-33	2	Nut-HF
50	321-3	2	Screw-HH
*51	80-6130	1	Overhaul Seal Kit
51	E603841	2	Pump-Hydro
56	E513762	1	Clip

* Not illustrated

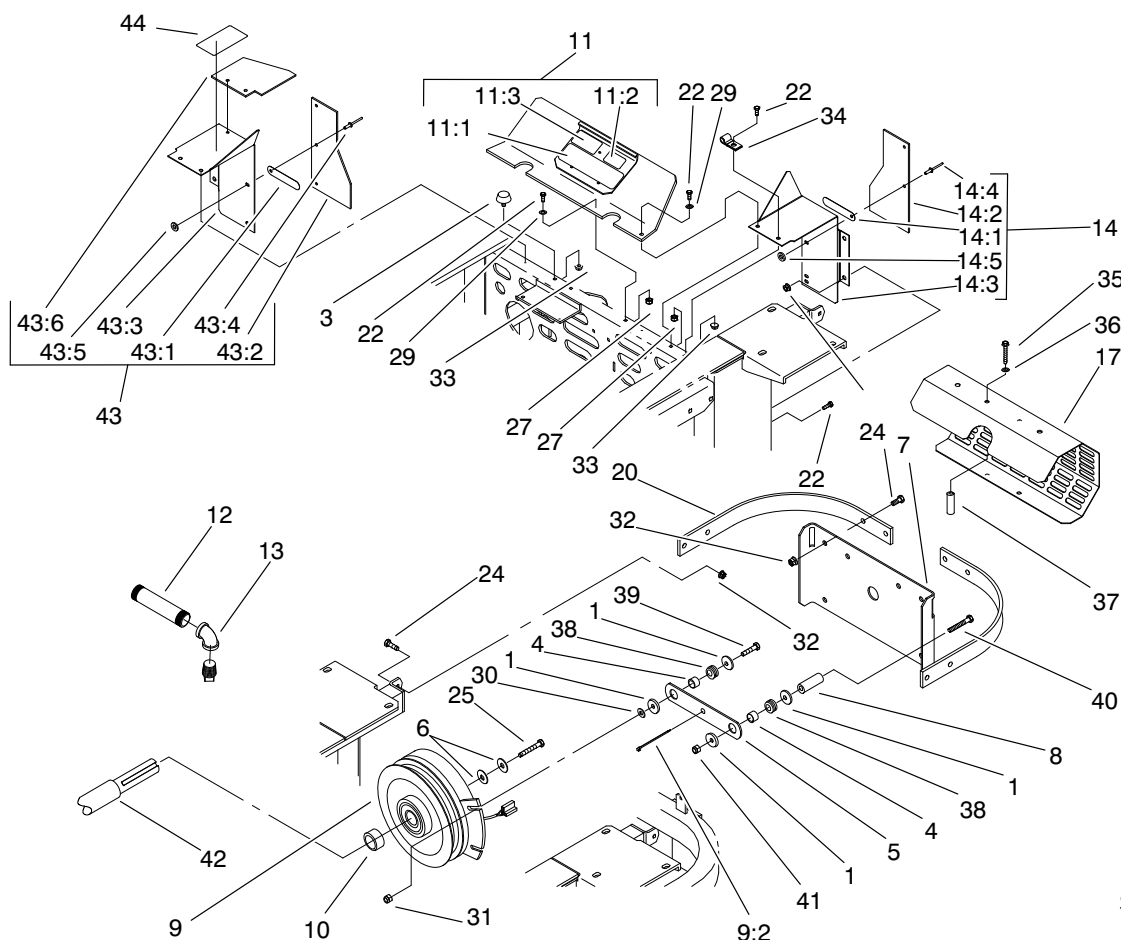


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Tank and Fuel Lines Assembly

Ref. No.	Part No.	Qty.	Description
1	E303077	6	Clamp – Gas Line
2	99-4656	1	Panel-Control
3	E513762	2	Clip
4	E303335	1	Tie-Plastic
5	93-3101	2	Cap-Fuel
6	E513645	2	Bushing-Valve, Fuel
7	E543277	2	Elbow-Fuel Tank
8	E543456	2	Fuel Line – 21.5
9	E633023	6	Stud
10	99-4608	1	Tank – LH Fuel
11	99-4607	1	Tank – RH Fuel
12	E633347	1	Valve-Fuel Line
13	E633348	1	Fuel Line
14	E633349	6	Spring-Fuel Tank
15	321-3	2	Screw-HH
16	322-3	4	Screw-HH
17	3296-47	6	Nut-Lock Ni
18	3253-3	2	Washer-Lock/Sp
19	3253-4	4	Washer-Lock/Sp
20	3256-23	10	Washer-Flat
21	99-4632	1	Decal-Control Panel
22	99-4940	1	Shield-Control Panel
23	E803071	4	Screw
24	E303435	4	Washer-Bellevue

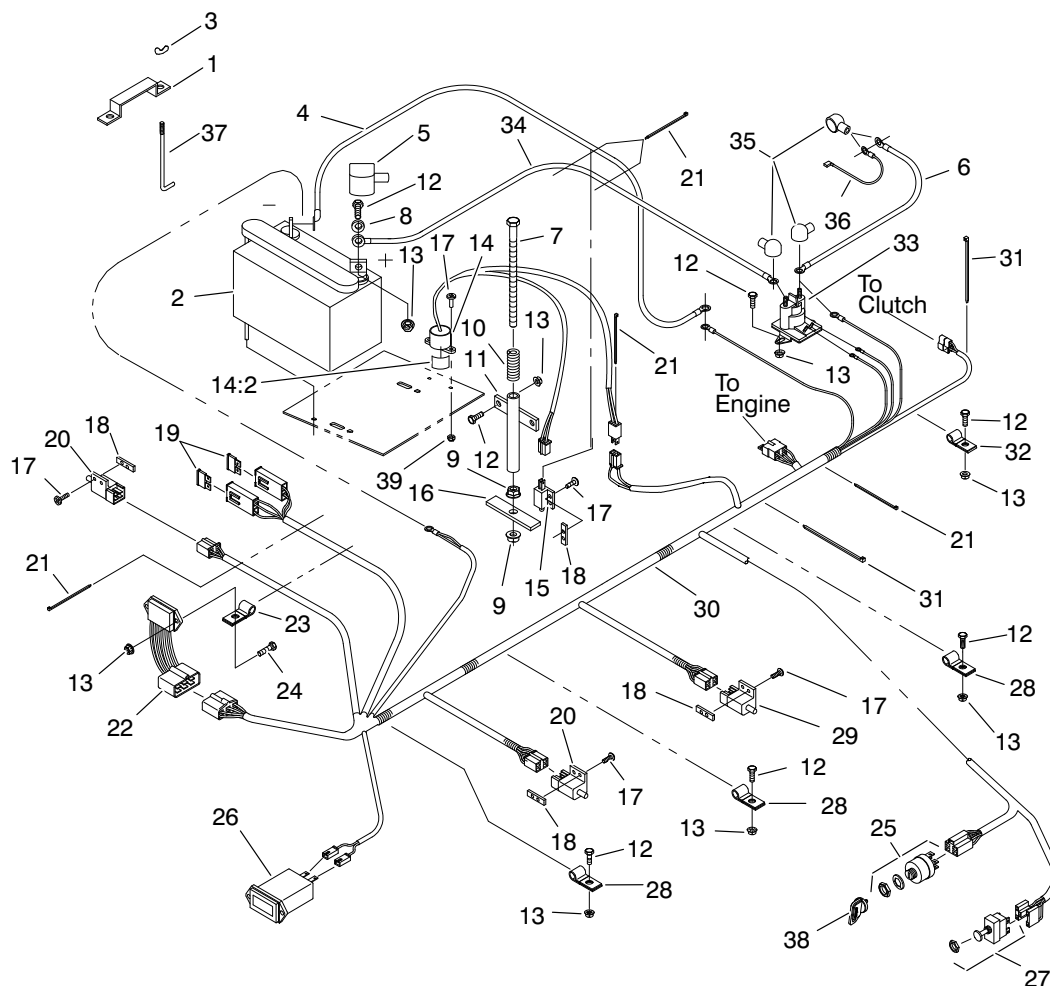
Ref. No.	Part No.	Qty.	Description



Sheet No.: 9

Shields and Clutch Assembly

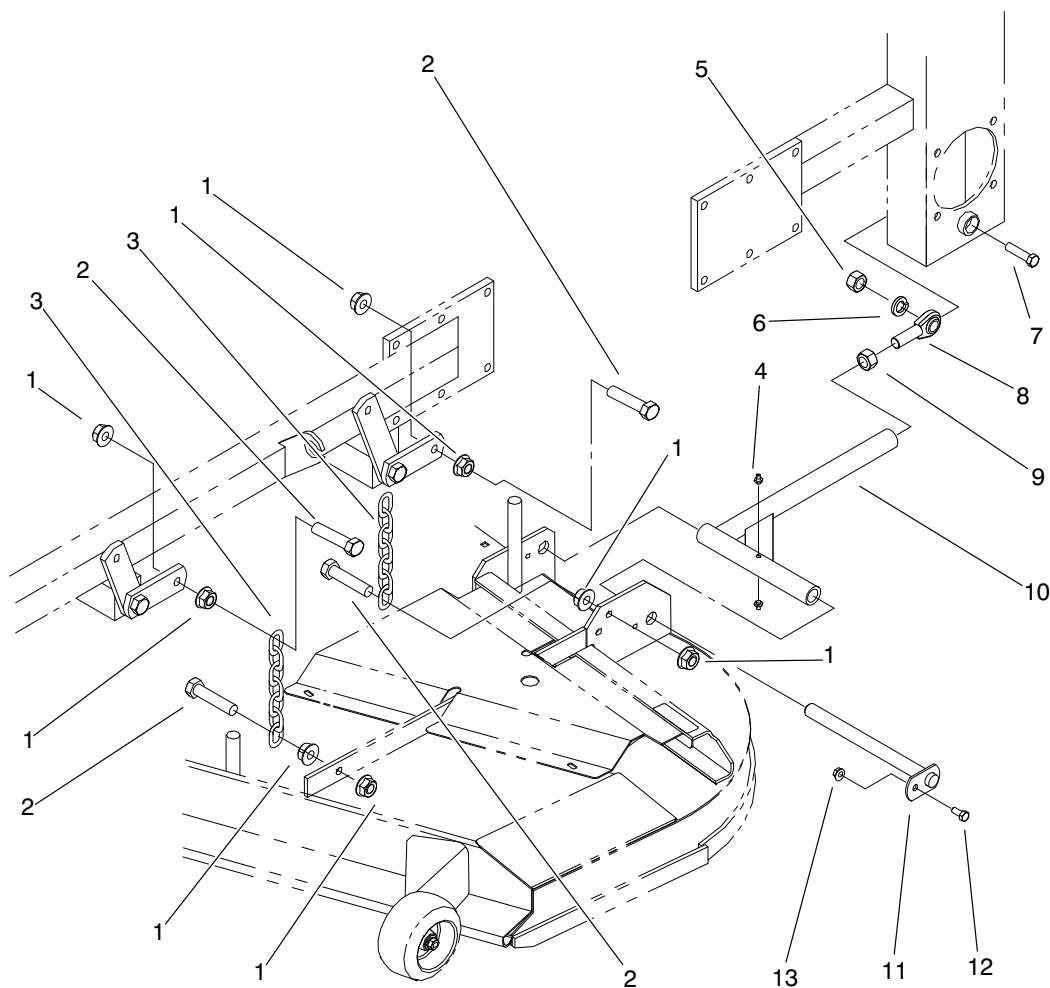
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	E613235	4	Washer	22	321-4	10	Screw-HH
3	E523420	2	Bumper	24	323-6	6	Screw-HH
4	E633545	2	Spacer-Grommet	25	3212-10	1	Screw-HH
5	E633543	1	Strap-Clutch/Brake	27	32146-17	4	Nut-Lock
6	E603610	2	Washer - Spring, Disc	29	3256-2	4	Washer-Flat
7	E633615	1	Guard-Clutch	30	3256-3	1	Washer-Flat
8	E633988	1	Spacer-Clutch, Anchor	31	32128-20	1	Nut-HF
9	E631732	1	Clutch	32	3290-357	4	Nut-Lock Flange
9:2	E303335	1	Tie-Plastic	33	32128-33	7	Nut-HF
10	E633179	1	Spacer-Clutch	34	E633396	1	Clip - Loom
11	E644276	1	Shield ASM	35	E809076	2	Screw-HH
11:1	E643252	1	Decal - Drive, Belt	36	E323235	2	Washer Spring, Disc
11:2	E513748	1	Decal-Guard	37	E323236	2	Spacer
11:3	E633462	1	Decal-Important	38	E633630	2	Grommet
12	E543232	1	Nipple	39	322-6	1	Screw-HH
13	E303428	1	Elbow	40	322-19	1	Screw-HH
14	E634796	1	Shield-LH	41	3296-41	1	Nut-Lock Ni
14:1	E523285	1	Clip,Rear Baffle	42	E633830	1	Kohler Command Ch25
14:2	E633301	1	Shield - Engine	43	E644316	1	Shield ASM, RH
14:3	E633795	1	Baffle-Engine Shield, LH	43:1	E523285	1	Clip,Rear Baffle
14:4	E803035	3	Pop Rivet	43:2	E633301	1	Shield - Engine
14:5	3256-23	3	Washer-Flat	43:3	E633794	1	Shield - RH
17	E643313	1	Guard-Muffler	43:4	E803035	5	Pop Rivet
20	E643264	2	Bracket-Guard, Top	43:5	3256-23	5	Washer-Flat
				43:6	E643315	1	Baffle, Engine Cooler
				44	E643339	1	Decal-Belt Routing



Sheet No.: 11

Electrical System Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	E633652	1	Strap-Battery Hold Down	23	E513762	1	Clip
2	E603479	1	Battery-12v	24	321-6	1	Screw-HH
3	E543792	2	Wingnut-Nyloc	25	E543070	1	Switch-Ignition
4	E633307	1	Wire-Ground	26	E513374	1	Meter-Engine Hours
5	E543391	1	Insulator-Battery	27	E633673	1	Switch-PTO
6	E633306	1	Wire-Starter	28	E633396	3	Clip - Loom
7	E800282	1	Screw-HH	29	E633110	1	Switch-Brake
8	3256-2	2	Washer-Flat	30	E643119	1	Harness-Wiring
9	32128-20	2	Nut-HF	31	E303335	4	Tie-Plastic
10	E523415	1	Spring-Switch, Seat	32	E323229	1	Clip-Loom
11	E522424	1	Spring Mount	33	E513075	1	Switch-12v Solenoid
12	321-4	8	Screw-HH	34	E523281	1	Cable-Battery
13	32128-33	11	Nut-HF	35	E543393	3	Insulator-Solenoid
14	E644427	1	Switch-Tilt	36	E543084	1	Wire-Starter Solonoid
14:2	E643401	1	Decal-Mercury Switch	37	E633651	2	Bolt-Battery Hold Down
15	E513152	1	Switch-Seat	38	63-8360	2	Key-Ignition w/Shield
16	E513180	1	Actuator - Switch, Seat	39	3296-2	2	Nut-Lock
17	E803028	10	Screw				
18	E633181	4	Plate-Tapped				
19	E816001	2	Fuse-Blade Type 20 Amp				
20	E633111	2	Switch-Drive Lever				
21	E303287	5	Tie-Plastic				
22	E543316	1	Module-Safety				



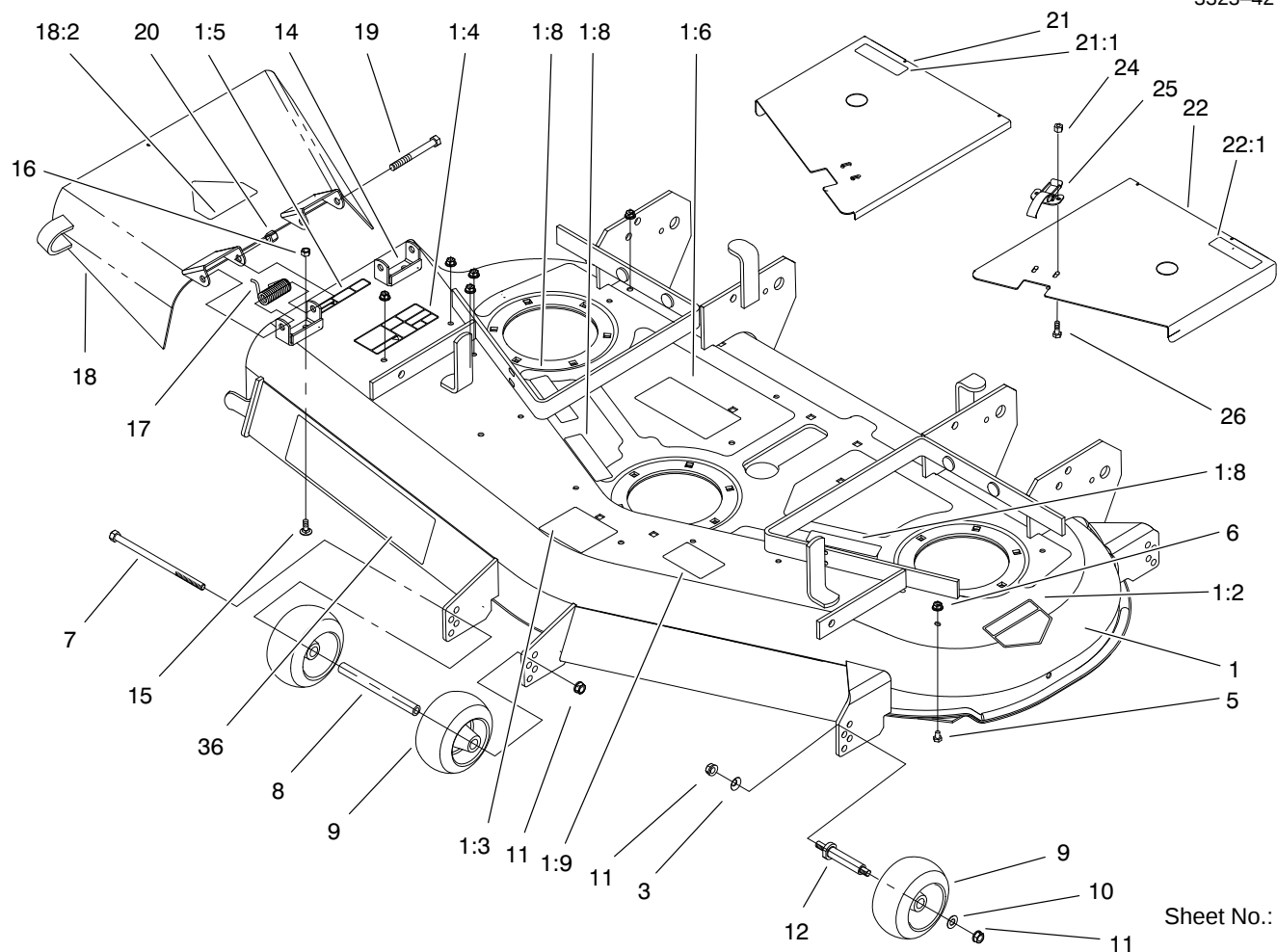
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Frame and Deck Assembly

Ref. No.	Part No.	Qty.	Description
1	32128-37	16	Nut-Hex Flange
2	324-6	8	Screw-HH
3	E633447	4	Chain - Deck Lift
4	302-19	4	Fitting - Grease
5	3217-11	2	Nut-Hex
6	3253-8	2	Washer-Lock/Sp
7	327-11	2	Screw-HH
8	E633029	2	End-Rod, Spherical
9	3219-6	2	Nut-Hex
10	E632690	2	Strut
11	E632199	2	Pin-Deck Strut
12	322-3	2	Screw-HH
13	3296-41	2	Nut-Lock Ni

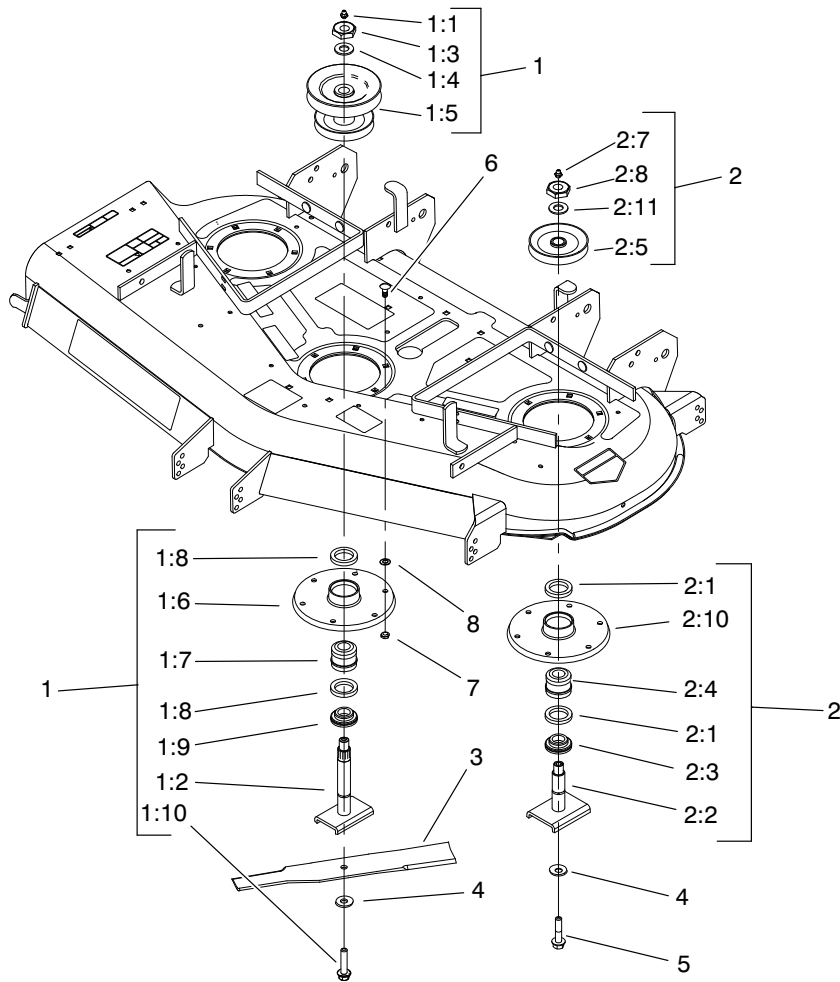
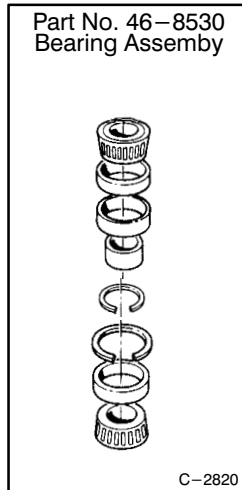
Ref. No.	Part No.	Qty.	Description



Sheet No.: 22

Deck, Deflector and Roller Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	100-4266	1	52" Deck ASM	21	98-5963	1	Assembly – RH Cover
1:2	43-8480	1	Decal-Danger	21:1	67-5360	1	Decal-Danger
1:3	98-3798	1	Decal-Gage Wheel	22	98-5965	1	Assembly – LH Cover
1:4	66-1340	1	Decal-Danger	22:1	67-5360	1	Decal-Danger
1:5	66-6380	1	Decal-Danger	24	32128-17	4	Nut-Flange Lock
1:6	98-3799	1	Decal-Belt Routing	25	249-21	2	Clamp-Slotted
1:8	98-5954	3	Decal-Cover Missing	26	3290-321	4	Screw-HWH
1:9	93-7818	1	Decal-Blade Bolt	36	98-5953	1	Decal-Sfs
			Torque				
3	98-5975	3	Washer				
5	321-1	6	Screw-HH				
6	32128-33	6	Nut-HF				
7	323-28	1	Screw-HH				
8	98-5967	1	Spacer-Wheel				
9	68-2730	5	Wheel-Gage				
10	E373034	3	Washer-Swivel				
11	3290-357	7	Nut-Lock Flange				
12	99-2842	3	Spacer-Wheel				
14	29-5590-01	2	Bracket-Pivot				
15	3230-18	4	Screw-CARR				
16	32152-1	4	Nut-Lock				
17	40-6230	2	Spring				
18	98-5984	1	Deflector ASM				
18:2	54-9220	1	Decal-Danger				
19	3211-15	2	Screw-HH				
20	3296-5	2	Nut-Lock, Ni				

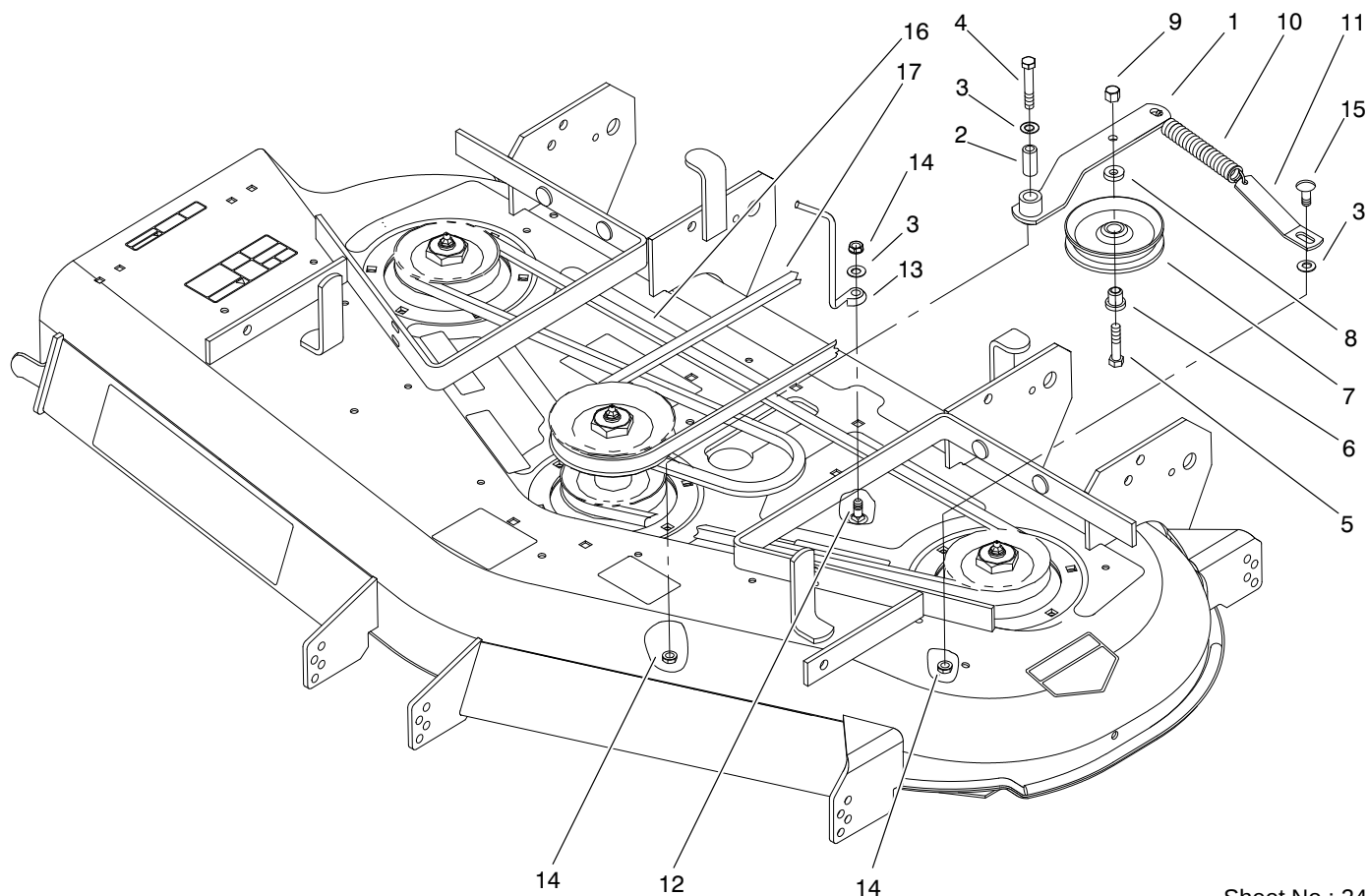


Sheet No.: 23

Spindle and Pulley Assembly

Ref. No.	Part No.	Qty.	Description
1	100-2313	1	Spindle Housing ASM
1:1	302-2	1	Fitting-Grease
1:2	51-3551	1	Shaft-Spindle
1:3	32146-20	1	Nut-Jam
1:4	92-5836	1	Washer - Axle
1:5	100-2312	1	Pulley And Hub ASM
1:6	61-4160	1	Spindle
1:7	46-8530	1	Bearing ASM
1:8	253-139	2	Seal-Oil
1:9	27-0950	1	Spacer-Bearing, Spindle
1:10	92-5816	1	Flangebolt-Blade
2	99-4639	2	Spindle ASM
2:1	253-139	2	Seal-Oil
2:2	27-0920	1	Shaft-Spindle
2:3	27-0950	1	Spacer-Bearing, Spindle
2:4	46-8530	1	Bearing ASM
2:5	99-4613	1	Pulley & Hub
2:7	302-2	1	Fitting-Grease
2:8	32146-20	1	Nut-Jam
2:10	61-4160	1	Spindle
2:11	7-4150	1	Washer-Pinion
3	27-0990	3	Blade
4	E513435	3	Washer-Spring
5	92-5816	2	Flangebolt-Blade

Ref. No.	Part No.	Qty.	Description
6	3231-22	16	Screw-CARR
7	32128-21	16	Nut-Hex Flange
8	3256-24	1	Washer-Flat

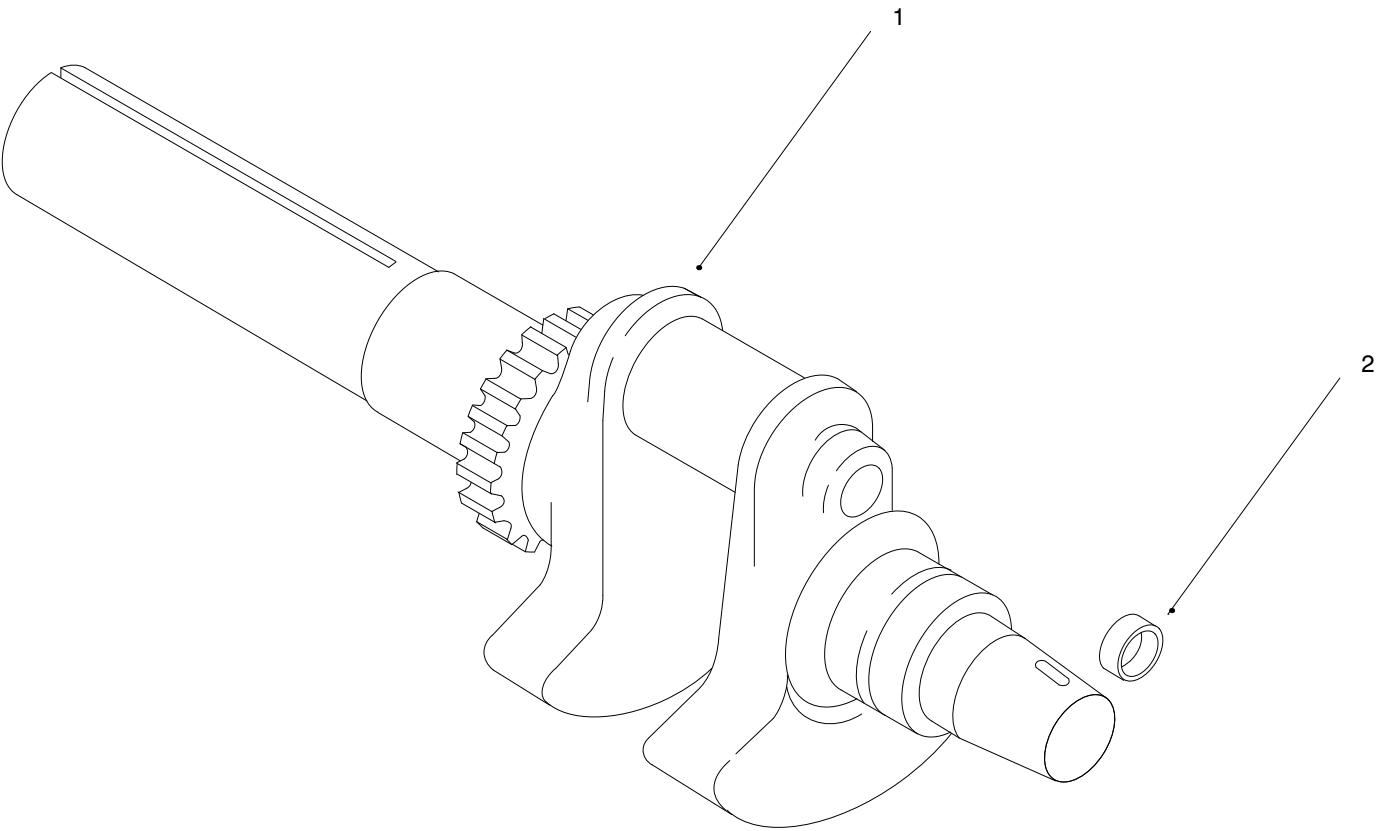


Sheet No.: 24

Belts and Idler Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	55-7640-03	1	Idler Arm
2	51-3640	1	Idler Pivot Sleeve
3	3256-24	3	Washer-Flat
4	323-11	1	Screw-HH
5	3211-8	1	Screw-HH
6	65-5950	1	Bushing-Pulley
7	65-5940	1	Pulley-Idler
8	7-0081	1	Washer - Flat
9	3296-5	1	Nut-Lock, Ni
10	51-3650	1	Spring - Extension
11	55-7650	1	Spring Plate
12	3231-22	1	Screw-CARR
13	98-5980	1	Guide - Belt
14	32128-21	3	Nut-Hex Flange
15	3231-28	1	Screw-CARR
16	27-1160	1	Belt-Deck
17	100-2314	1	Belt-deck

Ref. No.	Part No.	Qty.	Description

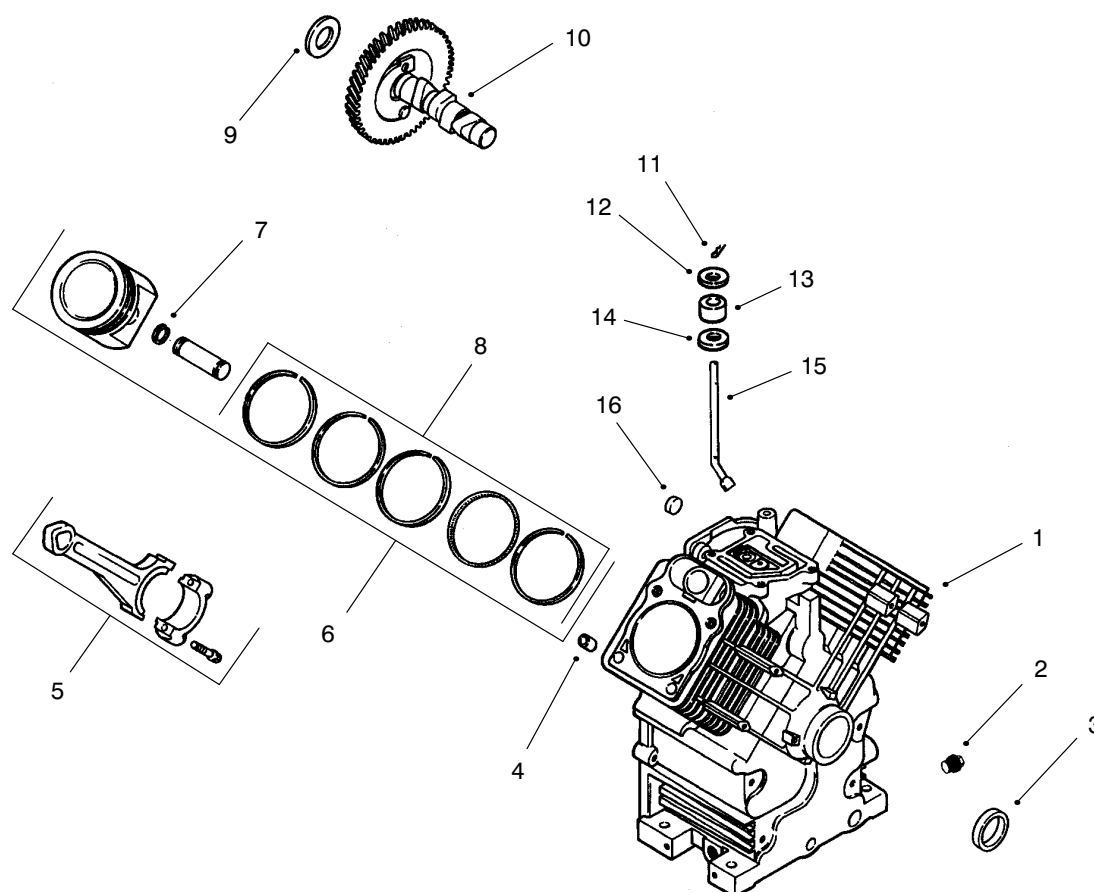


Group 1 – Crankshaft (CH25S 68606 Kohler)

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

Ref. No.	Part No.	Qty.	Description

Obtain Parts From Kohler

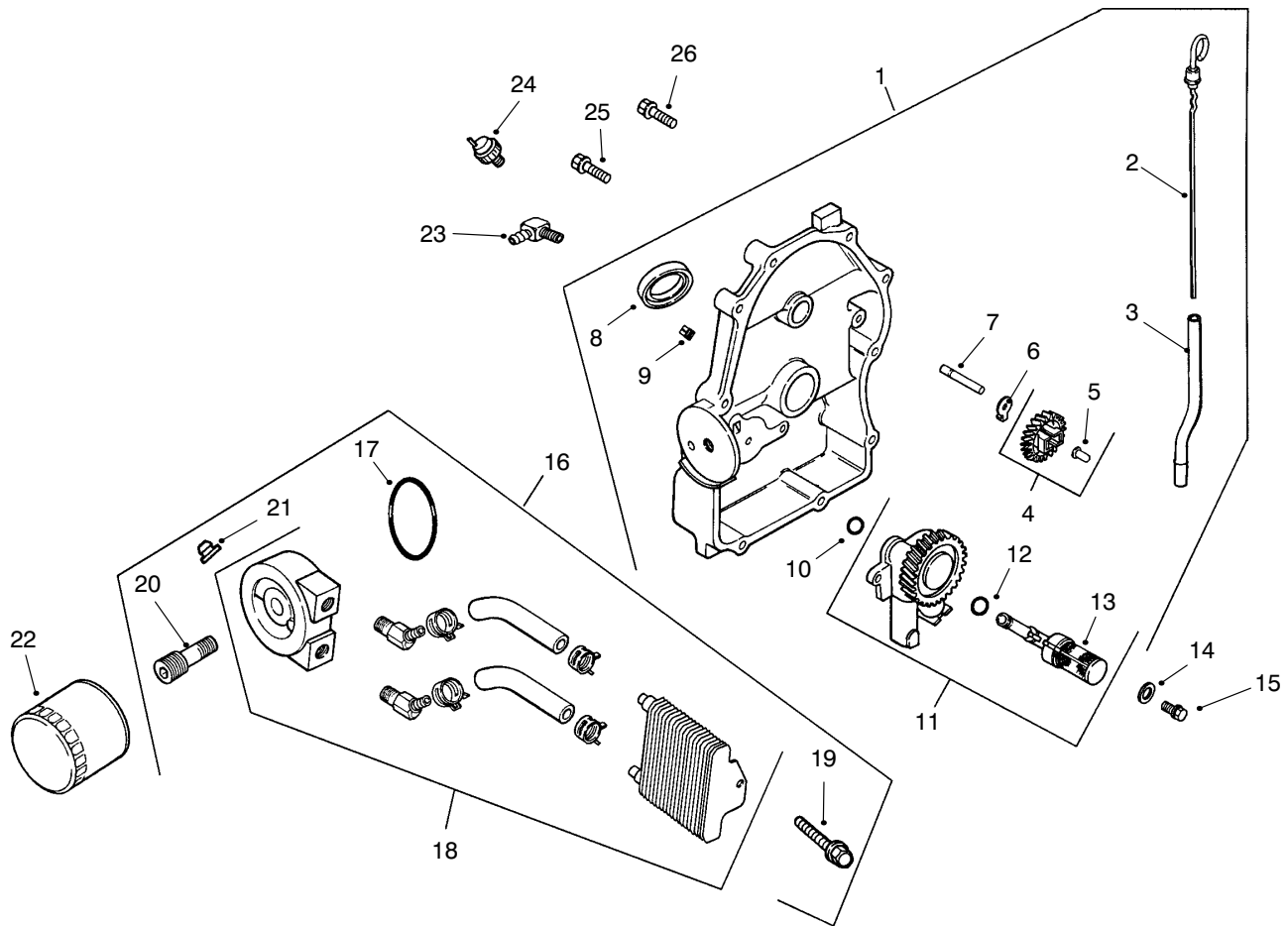


Group 2 – Crankcase (CH25S 68606 Kohler)

Ref. No.	Part No.	Qty.	Description
1	24 561 33	1	Cylinder Block
		1	(Includes 2,4,16,17)
2	X-75-10	2	Plug, drain
3	24 032 01	1	Seal, oil front
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 06	2	Piston w/Ring Set (Std.)
7	24 018 01	4	Retainer, piston pin
8	24 108 04	2	Ring Set (Std.)
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	12 380 04	1	Pin, hitch
12	M-0631005	1	Washer, flat
13	12 032 01	1	Seal, governor cross shaft
14	X-25-102	1	Washer, plain
15	24 144 01	1	Shaft, governor cross
16	52 139 09	1	Plug, cup
*	24 113 56	1	Decal, Service

Ref. No.	Part No.	Qty.	Description

*Not Illustrated
Obtain Parts From Kohler

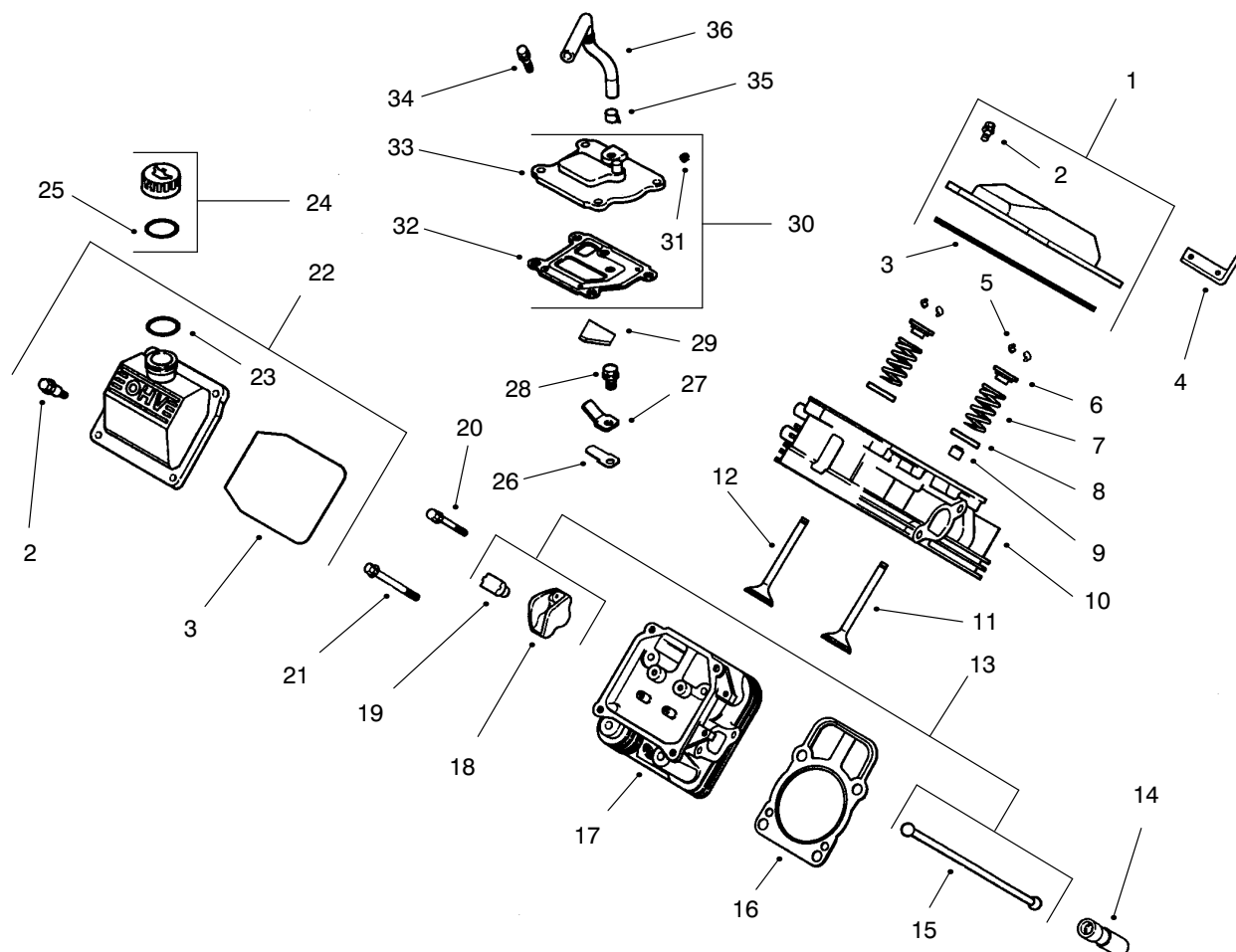


Group 3 – Oil Pan/Lubrication (CH25S 68606 Kohler)

Ref. No.	Part No.	Qty.	Description
1	24 009 83	1	Plate, closure assembly (Includes 2-12)
2	24 038 06	1	Dipstick
3	24 123 08	1	Tube, dipstick
4	24 043 12	1	Kit, governor gear (Includes 5)
5	12 380 01	1	Pin, governor regulating
6	52 448 02	1	Tab, locking
7	12 144 02	1	Shaft, governor gear
8	52 032 08	1	Seal, oil (PTO end)
9	X-75-23	2	Plug, pipe 1/8"
10	24 153 08	1	O-Ring
11	24 393 10	1	Oil pump assembly (Includes 12,13)
12	24 153 01	1	O-Ring, oil pick-up
13	24 381 04	1	Pick-up, oil
14	M-0631005	2	Washer, plain 6 mm
15	M-0645025	2	Screw, hex flange
16	54 755 14	1	Kit, oil cooler (Incl. 17-21)
17	24 253 17	1	O-Ring
18	24 594 15	1	Cooler, oil
19	24 086 12	2	Screw, hex
20	24 136 05	1	Nipple, oil filter
21	24 100 01	2	Nut, plastic
22	52 050 02	1	Filter, oil

Ref. No.	Part No.	Qty.	Description
23	25 155 02	1	Connector
24	24 099 03	1	Switch, pressure
25	24 086 16	9	Screw, hex flange
26	24 086 17	1	Screw, hex flange
*	24 113 25	1	Decal, oil cooler

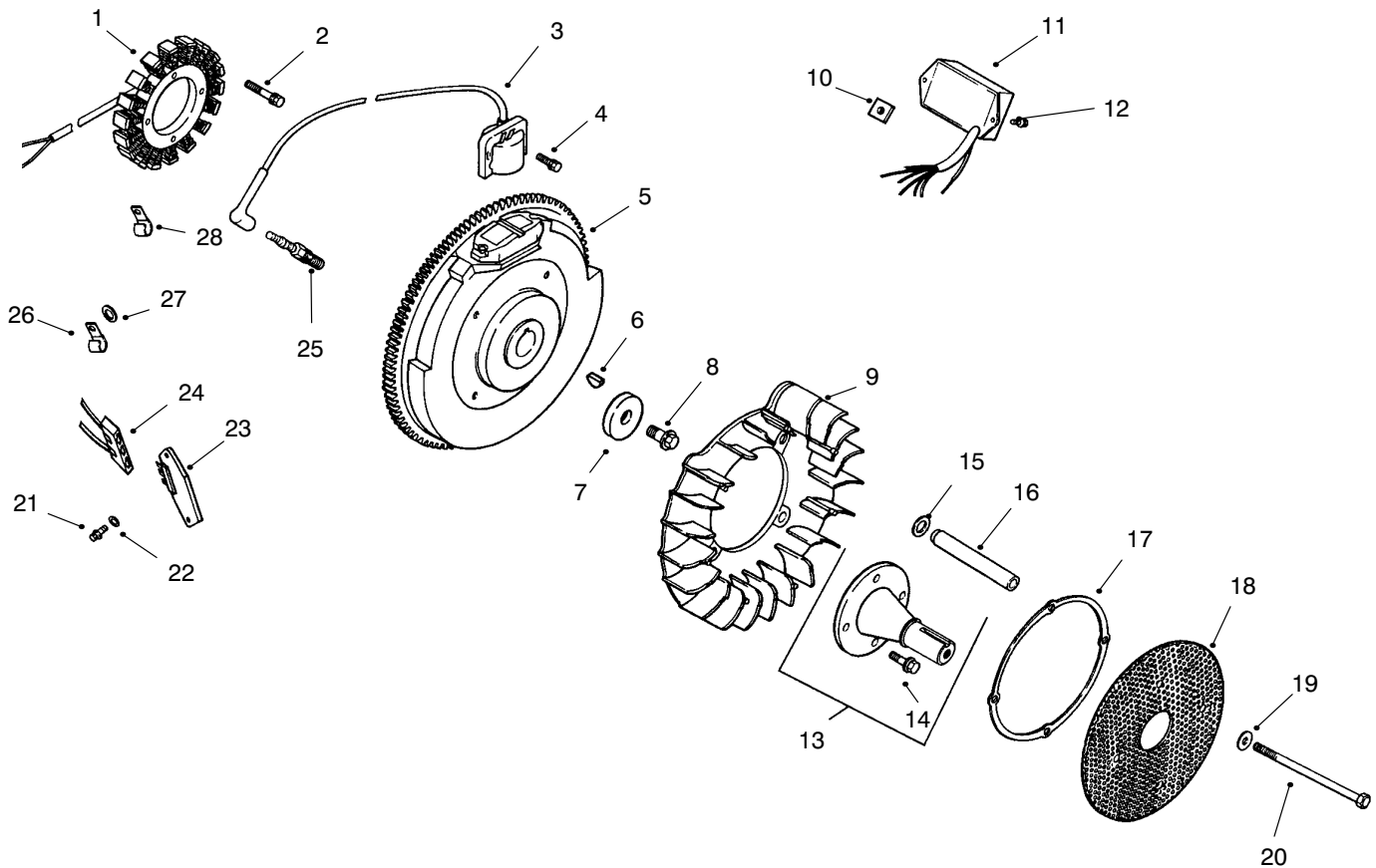
*Not Illustrated
Obtain Parts From Kohler



Group 4 – Head/Valve/Breather (CH25S 68606 Kohler)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	24 755 74	1	Kit, valve cover – plain (Includes 2–3)	21	24 086 44	8	Screw, hex. flange
2	24 086 32	4	Screw, shoulder	22	24 755 75	1	Kit, valve cover – oil fill (Includes 2,3,23)
3	24 153 16	1	O–Ring, valve cover	23	24 153 09	1	O–Ring
4	24 445 01	1	Strap, lifting	24	24 755 46	1	Kit, oil fill cap (Includes 25)
5	12 755 03	4	Kit, retainer	25	12 153 03	1	O–Ring, oil fill cap
6	12 173 01	4	Cap, valve spring	26	24 402 03	1	Reed, breather
7	24 089 02	4	Spring, valve	27	12 018 01	1	Retainer, breather reed
8	235011	4	Retainer, spring	28	M–0545010	1	Screw, hex. flange
9	24 032 05	2	Seal, valve stem	29	24 050 01	1	Filter, breather
10	24 318 13	1	Head assembly, #1 cylinder	30	24 033 01	1	Kit, breather (Includes 31–33)
11	24 017 01	2	Valve, intake (Std.)	31	X–75–23	1	Plug, allen head pipe
	24 017 02	2	Valve, intake (.25)	32	24 041 23	1	Gasket, breather
12	24 016 01	2	Valve, exhaust (Std.)	33	24 096 02	1	Cover, breather
	24 016 02	2	Valve, exhaust (.25)	34	M–0645020	4	Screw, hex. flange
13	24 755 66	1	Kit, valve train (Includes 15,18,19)	35	X–426–9	1	Clamp, breather
14	12 351 02	4	Lifter, valve	36	24 326 06	1	Hose, breather
15	24 411 05	4	Rod, push				
16	24 041 37	2	Gasket, cylinder head				
17	24 318 14	1	Head assembly, #2 cylinder				
18	25 186 01	4	Arm, rocker				
19	24 599 01	4	Pivot, rocker arm				
20	M–0640034	4	Screw, hex. flange				

Obtain Parts From Kohler

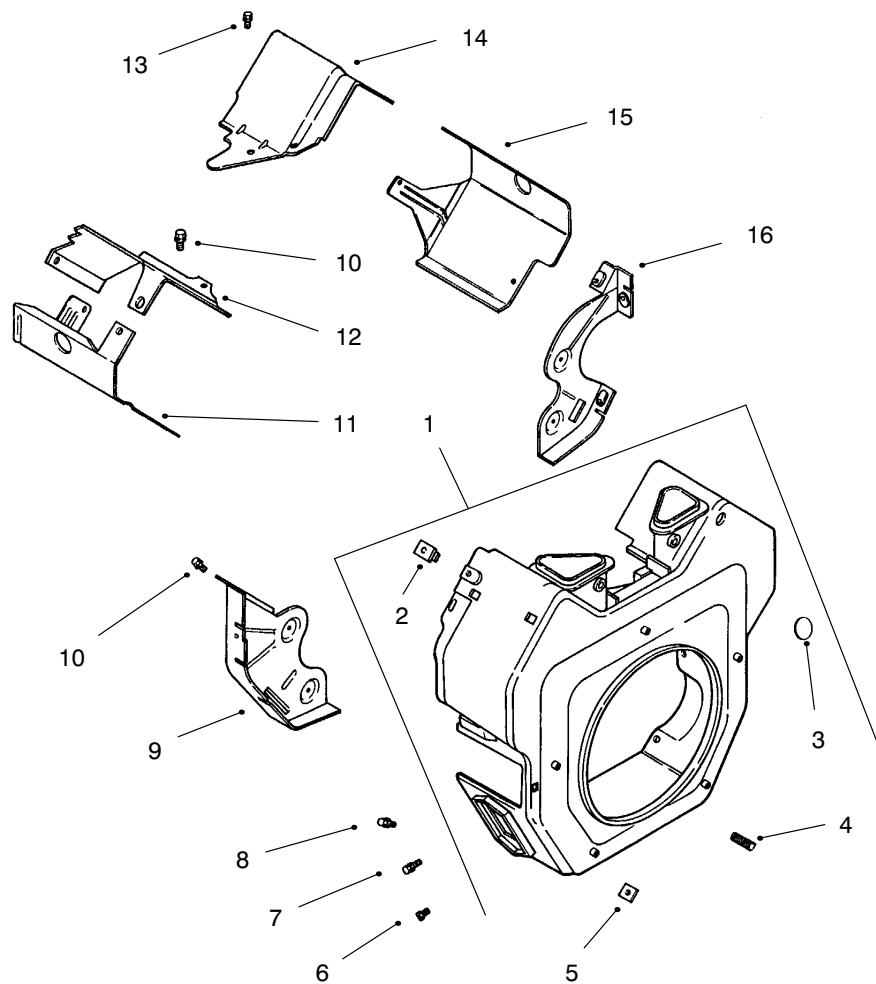


Group 5 – Ignition/Electrical (CH25S 68606 Kohler)

Ref. No.	Part No.	Qty.	Description
1	54 755 09	1	Kit, 15 amp stator (Incl. 24 126 71 bracket)
2	M-0548025	2	Screw, hex. cap
3	24 584 11	2	Module, ignition
4	M-0561025	4	Screw, hex. socket hd.
5	24 025 03	1	Flywheel
6	X-42-15	1	Key
7	12 468 03	1	Washer, plain 3/8"
8	12 086 14	1	Screw, hex flange
9	24 157 03	1	Fan
10	24 100 02	2	Nut, plastic
11	24 584 09	1	Module, spark advance
12	24 086 41	2	Screw, phillips hd.
13	24 755 08	1	Kit, front drive shaft (Includes 14)
14	M-0839025	4	Screw, hex flange
15	24 468 11	4	Washer, spring 10mm
16	24 112 14	4	Spacer
17	24 141 06	1	Ring, support
18	24 162 22	1	Screen, grass
19	X-25-53	4	Washer, plain 1/4"
20	M-0603100	4	Screw, hex
21	24 086 18	2	Screw, phillips hd.
22	X-25-92	2	Washer, plain 3/16
23	25 403 03	1	Rectifier-regulator 15 amp

Ref. No.	Part No.	Qty.	Description
24	236602	1	Connector
25	12 132 06	2	Spark Plug
26	47 154 01	1	Clip, cable
27	X-25-63	1	Washer, plain 1/4"
28	48 154 02	1	Clip, cable
*	25 518 28		Lead, black, (4" – 18 gauge – insulated grip barrel eyelet terminals)
*	24 176 38	1	Harness, wiring
*	24 755 56	1	Kit, wiring (Includes Terminal #25 542 17 & Tie X-468-1)
*	24 126 71	1	Bracket, stator wire
*	X-22-11	1	Washer, lock

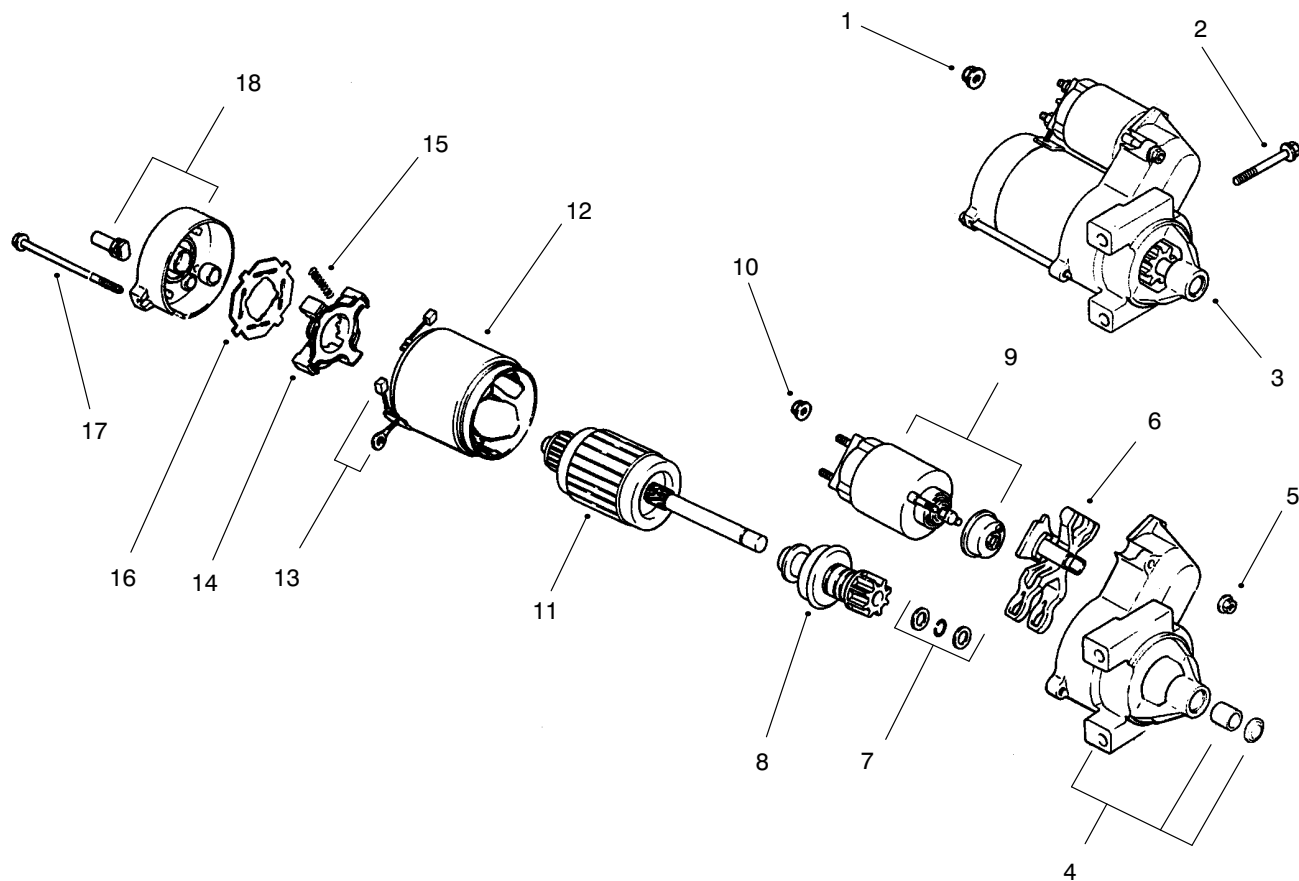
*Not Illustrated
Obtain Parts From Kohler



Group 6 – Blower Housing & Baffles (CH25S 68606 Kohler)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	24 027 40	1	Housing, blower (Includes 2-5)				
2	24 100 02	2	Nut, plastic				
3	25 139 16	1	Button plug				
4	25 086 43	1	Screw, set				
5	24 100 01	2	Nut, plastic				
6	M-0551016	1	Screw, hex. flange				
7	M-0545016	5	Screw, hex. flange				
8	M-0567020	2	Screw, hex. flange				
9	24 146 11	1	Plate, backing – #2 side				
10	M-0645016	6	Screw, hex. flange				
11	24 063 39	1	Baffle, cyl. barrel-#2 side				
12	24 063 17	1	Baffle, valley – #2 side				
13	M-0545010	2	Screw, hex. flange				
14	24 063 24	1	Baffle, valley – #1 side				
15	24 063 30	1	Baffle, cyl. barrel-#1 side				
16	24 146 08	1	Plate, backing – #1 side				
*	24 113 69	1	Decal, HP				

*Not Illustrated
Obtain Parts From Kohler

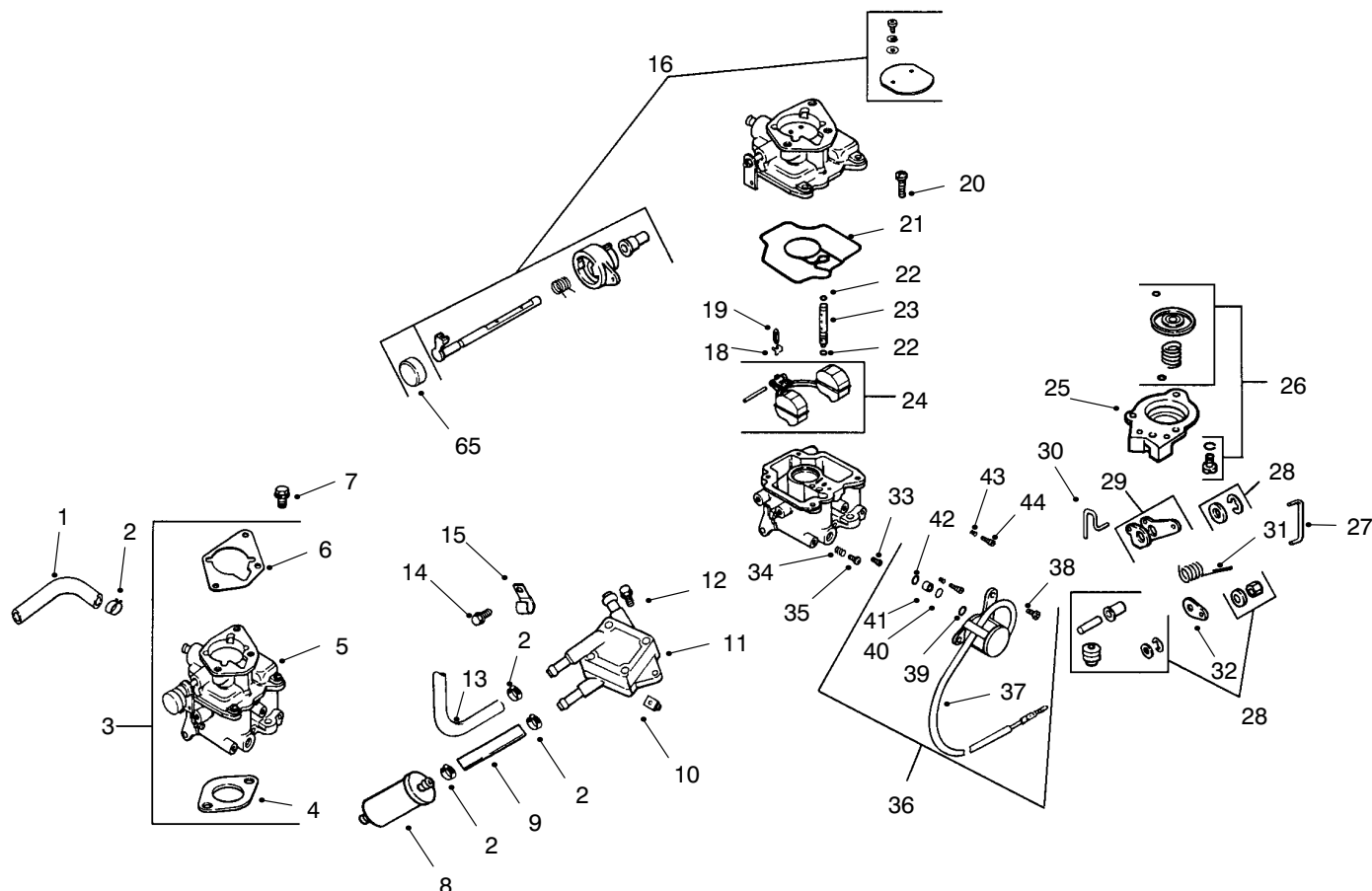


Group 7 – Starting System (CH25S 68606 Kohler)

Ref. No.	Part No.	Qty.	Description
1	M-0841080	1	Nut, hex flange
2	M-0839080	2	Screw, hex. flange
3	24 098 01		Starter, solenoid shift assembly (Incl. 4-18)
4	24 081 04	1	Drive, end cap
5	52 100 10	2	Nut, starter
6	12 090 10	1	Lever, starter drive
7	24 755 84	1	Kit, starter repair
8	12 239 01	1	Drive, pinion
9	52 435 02	1	Solenoid
10	52 100 09	1	Nut, starter
11	12 170 04	1	Armature, starter
12	12 471 01	1	Frame
13	52 221 01		Kit, brush & spring (Includes 15)
14	52 323 03	1	Holder, brush
15	52 089 09	4	Spring, brush
16	52 168 01	1	Insulator
17	52 211 05	2	Bolt, thru
18	24 301 01	1	Commutator, end cap

Ref. No.	Part No.	Qty.	Description

Obtain Parts From Kohler

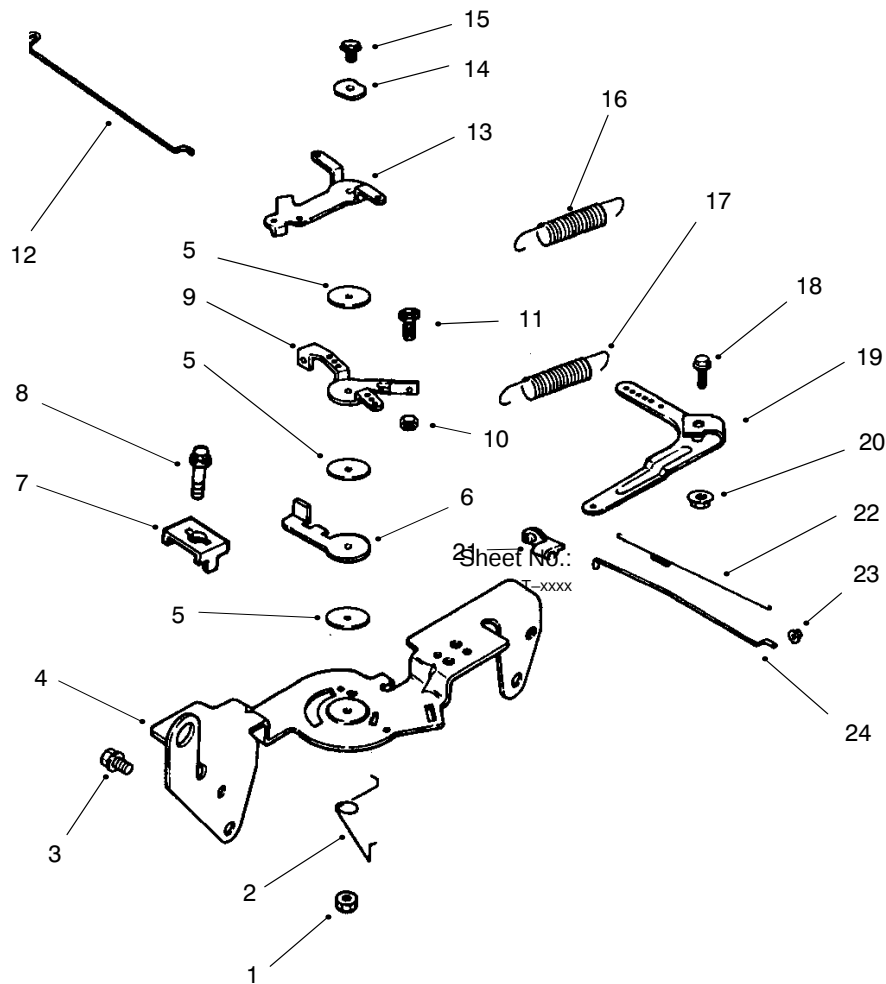


Group 8 – Fuel System (CH25S 68606 Kohler)

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	25 353 10	2	Line, fuel – 9"	27	24 079 07	1	Linkage, rod
2	X-426-9	6	Clamp, hose	28	24 757 09	1	Kit repair–accelerator pump diagram
3	24 853 34	1	Kit, carburetor w/gasket (Includes 4–6)	29	24 090 16	1	Lever, rod
4	24 041 06	1	Gasket, air cleaner base	30	24 079 06	1	Linkage, rod
†5	24 053 34	1	Carburetor assembly	31	24 089 27	1	Spring, Linkage
6	24 041 17	1	Gasket, carburetor	32	24 090 15	1	Lever, Linkage
7	M-0651030	2	Screw, hex. flange	33	24 337 30	1	Jet, main
8	24 050 02	1	Filter, fuel	34	24 086 10	1	Screw, idle speed adj.
9	25 353 15	1	Line, fuel	35	24 089 10	1	Spring, idle speed adj.
10	24 100 01	2	Nut, plastic	36	24 757 01	1	Kit, solenoid asm. (Includes 37–42)
11	24 393 04	1	Pump, fuel–pulse	37	24 153 06	1	O–Ring, solenoid
12	24 086 12	2	Screw, hex	38	24 521 01	1	Seat, solenoid
13	24 353 02	1	Line, fuel 15–1/2"	39	24 153 05	1	O–Ring, solenoid
14	M-0650012	1	Screw, hex flange	40	24 153 04	1	O–Ring, solenoid
15	47 154 01	1	Clip, cable	41	24 435 01	1	Solenoid
18	24 154 01	1	Clip, inlet needle valve	42	24 086 07	2	Screw, sems pan hd.
19	24 462 01	1	Valve, inlet needle	43	24 089 11	1	Spring, idle adj.
20	24 086 09	4	Screw, sems pan hd.	44	24 368 01	1	Needle, idle adj.6
21	24 041 09	1	Gasket, carburetor body	*	24 757 03	1	Kit, carburetor repair
22	24 153 02	1	O–Ring, slow jet	*	24 757 07	1	Kit, choke repair (Includes 17)
23	24 337 29	1	Jet, slow		24 173 02	1	Cap, choke lever
24	24 757 02	1	Kit, float repair				
25	24 081 05	1	Housing, pump				
26	24 757 08	1	Kit repair–accelerator pump				

*Not Illustrated

†For Information Only–Not Available Separately
Obtain Parts From Kohler

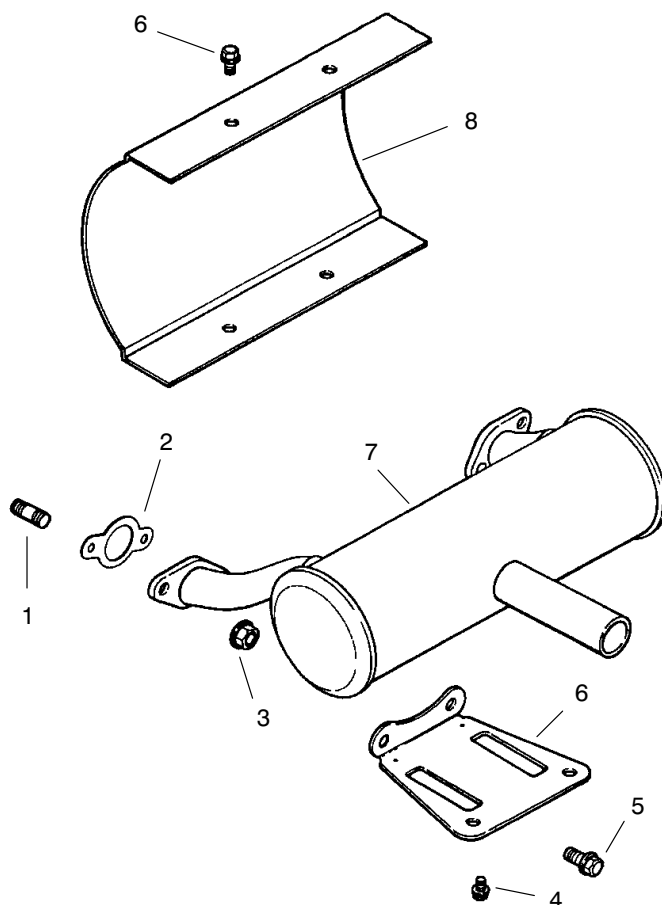


Group 9 – Engine Controls (CH25S 68606 Kohler)

Ref. No.	Part No.	Qty.	Description
1	M-0547050	1	Nut, hex. lock
2	24 089 03	1	Spring, choke return
3	M-0645016	4	Screw, hex. flange
4	24 126 56	1	Bracket, control
5	24 468 01	3	Washer, plain
6	24 090 07	1	Lever, throttle actuator
7	12 237 01	2	Clamp, cable
8	M-0545016	2	Screw, hex. flange
9	24 090 03	1	Lever, throttle control
10	M-0446030	1	Nut, hex
11	M-0401030	1	Screw, hex. cap
12	24 079 02	1	Linkage, choke
13	24 090 05	1	Lever, choke
14	41 468 03	1	Washer, spring
15	M-0545020	1	Screw, hex. flange
16	24 089 38	1	Spring, throttle limiter
17	24 089 15	1	Spring, governor
18	SM-0642025	1	Screw, hex. flange
19	24 090 14	1	Lever, governor
20	M-0641060	1	Nut, hex. flange
21	25 158 11	1	Bushing, linkage retaining
22	24 089 01	1	Spring, linkage
23	25 158 08	1	Bushing, linkage retaining

Ref. No.	Part No.	Qty.	Description
24	24 079 01	1	Linkage, throttle

Obtain Parts From Kohler



Group 11 – Exhaust (CH25S 68606 Kohler)

Ref. No.	Part No.	Qty.	Description
1	25 072 04	4	Stud
2	24 041 02	2	Gasket, exhaust
3	M-0841080	4	Nut, hex flange
4	M-0650012	4	Screw, hex. flange
5	M-0839020	2	
6	24 126 12	1	Bracket, muffler
7	24 068 17	1	Muffler Canister-Center Outlet
8	24 314 04	1	Shield, heat
*	24 522 85	1	Short Block
*	24 782 01	1	Miniblock
*	54 755 23	1	Gasket Set

Ref. No.	Part No.	Qty.	Description

*Not Illustrated
Obtain Parts From Kohler

Maintenance Record

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