Form No. 3324–982

Z255

Z–Master with 72” SFS Side Discharge Mower

Model No. 74227—210000001 and Up

Parts Catalog

PROTOTYPE

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.
High Suspension Seat	74210
Foot Lift Assist	78473
Roll Over Protection System Kit	78480

Description	Model / Part No.
Hitch Kit	99–8925
Atomic Blade Assembly	104–1304
Stripping Kit	30163

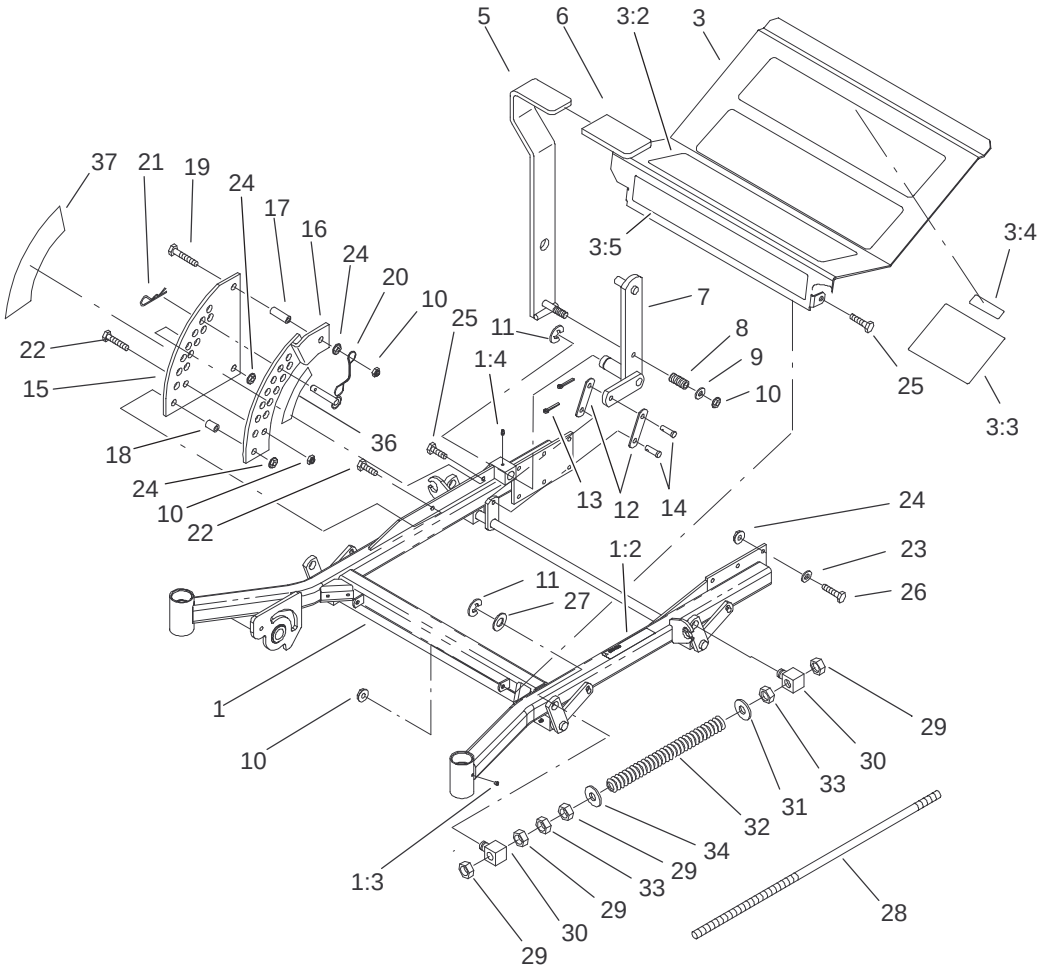
Part Description Abbreviations

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

PROTOTYPE



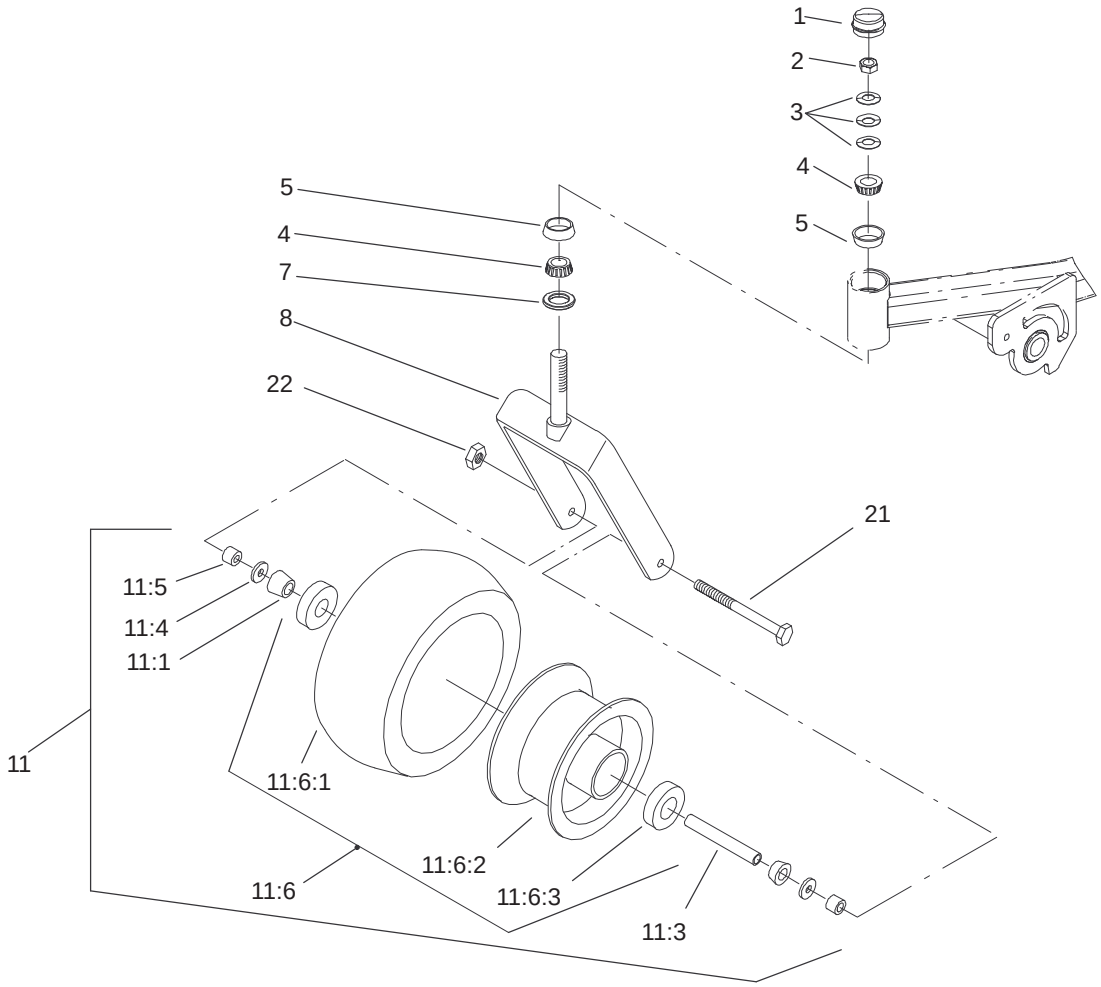
Sheet No.:2

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
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	1–632324–03	1	Lever–Lift
6	1–633295	1	Grip–Lever, Lift
7	1–632219–03	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
13	3272–10	2	Pin–Cotter
14	283–2	2	Pin–Clevis
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
20	1–633097	1	Pin–Hitch w/Lanyard
21	1–806005	1	Pin–Hair

Ref. No.	Part No.	Qty.	Description
22	323–9	2	Screw–HH
23	98–5975	12	Washer–Belleville
24	3290–357	15	Nut–Flange, Lock
25	323–6	3	Screw–HH
26	323–7	12	Screw–HH
27	3256–29	4	Washer–Flat
28	1–633096	2	Rod–Lift, Deck
29	3217–11	8	Nut–Hex
30	1–633441	4	Swivel–Deck Mount, Rear
31	3256–7	2	Washer–Flat
32	1–633064	2	Spring–Support, Deck
33	3218–6	4	Nut–Jam
34	3256–7	2	Washer–Flat
36	1–633706	1	Decal–Height, Deck
37	1–633345	1	Decal–Height, Deck

PROTOTYPE



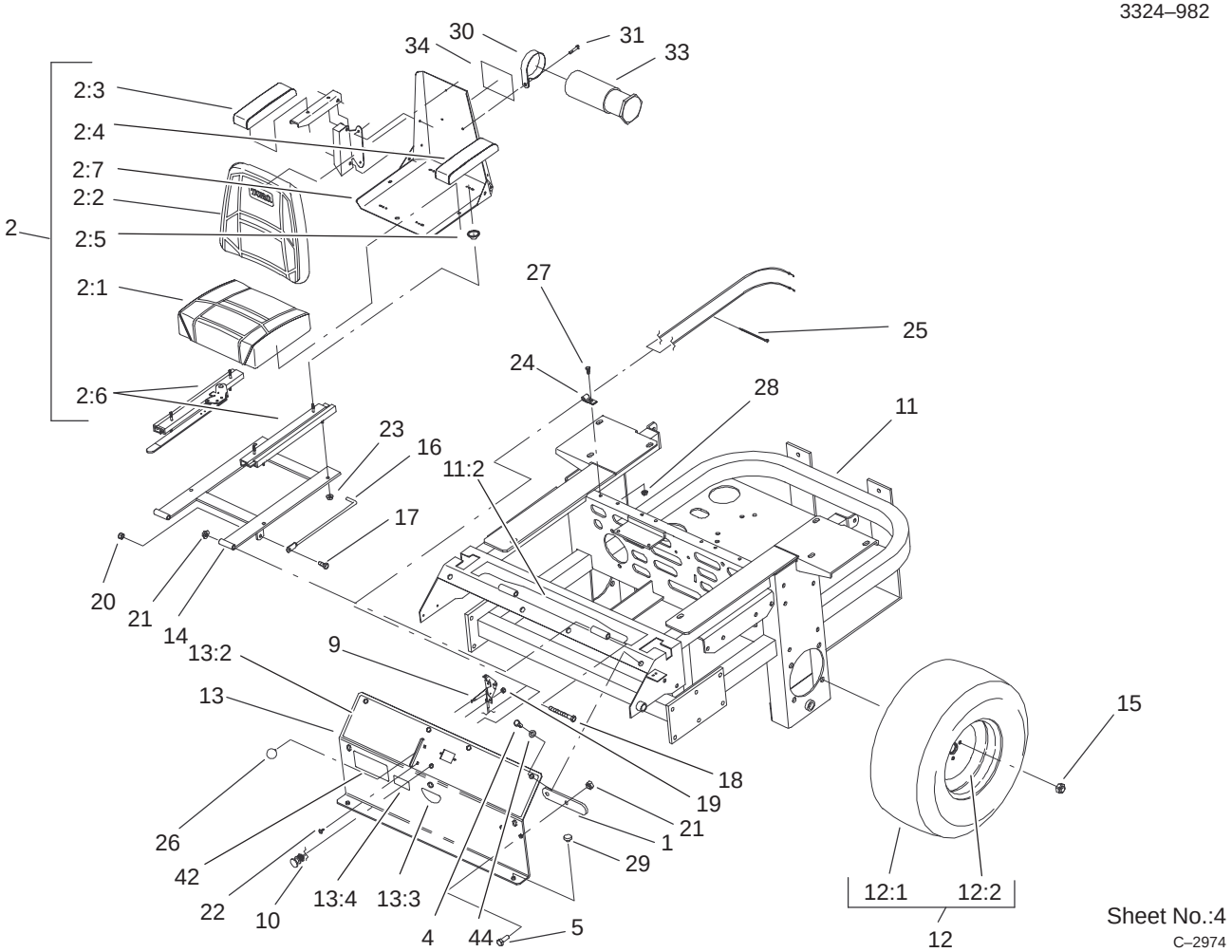
Sheet No.:3
C–2973

Caster and Wheel Assembly

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–Taper/Cone
5	254–72	4	Bearing–Taper/Cup
7	1–543511	2	Seal–Grease
8	1–642111–01	2	Caster
11	1–644251	2	Caster Wheel ASM
11:1	1–633585	2	Bearing–Cone, Tapered
11:3	1–633959	1	Spacer–Caster, Front
11:4	1–633580	2	Seal–Bearing
11:5	1–633581	2	Spacer–Bearing
11:6		2	Wheel & Tire ASM
11:6:1	1–523009	2	Tire
11:6:2	1–633987	2	Wheel
11:6:3	1–633584	4	Bearing–Cup
21	325–24	2	Screw–HH
22	3296–45	2	Nut–Lock, NI

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

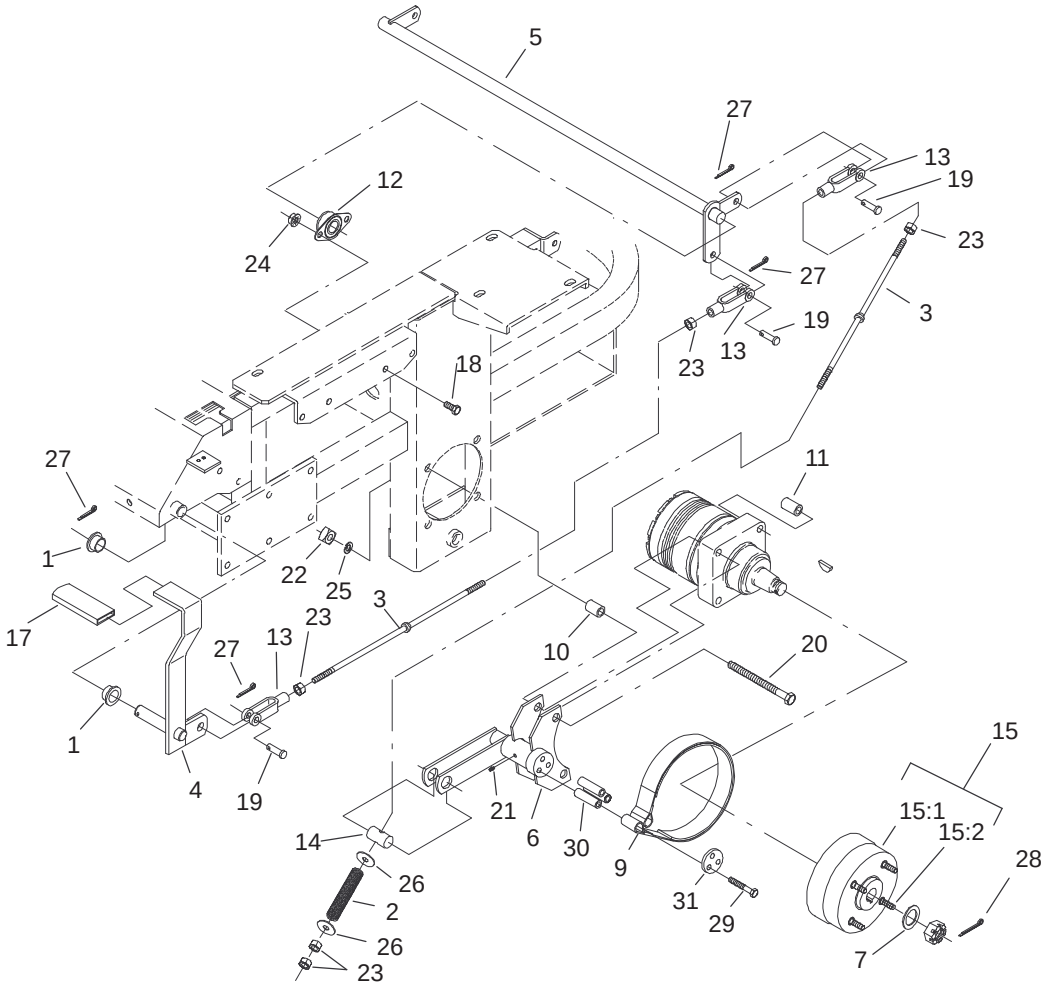


Rear Frame and Wheel Assembly

Ref. No.	Part No.	Qty.	Description
1	1–633964–03	1	Stop–Brake, Park
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, 4”
2:7	1–633859	1	Frame–Seat
4	322–3	6	Screw–HH
5	323–6	2	Screw–HH
9	1–633696	1	Cable–Throttle
10	1–603336	1	Control–Choke
11	100–4261	1	Rear Frame ASM
11:2	103–0245	1	Decal–Console, Top
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
14	1–632187–03	1	Frame – Seat
15	242–50	8	Nut – Lug
16	1–633293	1	Rod–Holdup, Seat
17	322–5	1	Screw–HH

Ref. No.	Part No.	Qty.	Description
18	323–21	2	Screw–HH
19	3296–2	2	Nut–Lock
20	3296–29	1	Nut–Lock
21	3296–39	4	Nut–Lock, NI
22	1–807513	2	Bolt–CARR
23	32128–20	4	Nut–HF
24	1–513762	1	Clip–Loom
25	1–303335	1	Tie–Plastic
26	1–513592	1	Knob–Ball, Red
27	321–4	1	Screw–HH
28	32128–33	1	Nut–HF
29	1–513658	2	Bumper–Catcher, Grass
30	2412–120	2	R–Clamp
31	32104–76	2	Screw
33	74–0720	1	Tube–Manual
34	99–4693	1	Decal–Toro
42	1–633736	1	Decal–Toro, Z255
44	3256–23	6	Washer–Flat

PROTOTYPE



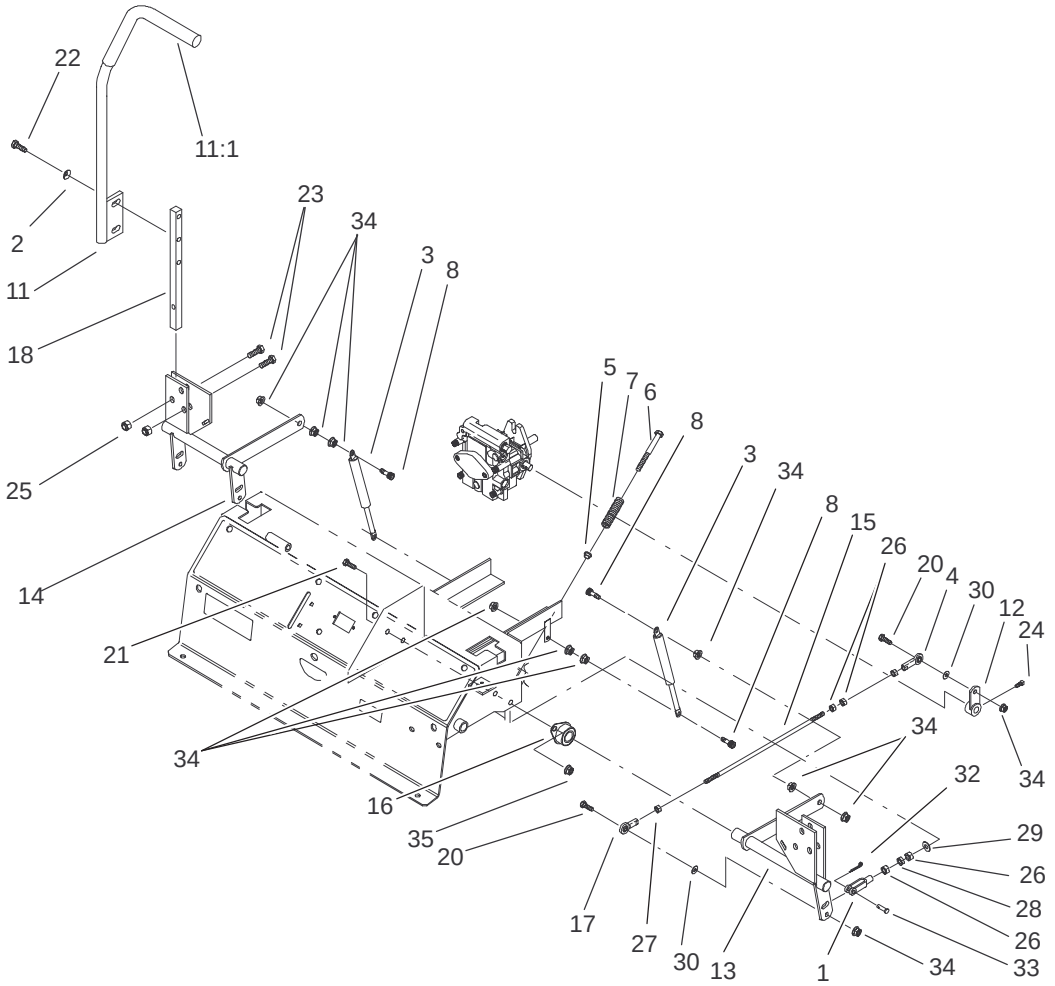
Sheet No.:5

Brake and Wheel Hub Assembly

Ref. No.	Part No.	Qty.	Description
1	1–513140	2	Bearing–Control
2	1–633454	2	Spring–Brake
3	1–633477	3	Rod–Brake
4	1–634500	1	Brake Lever/Grip ASM
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 w/Studs
15:1	103–0589	1	Hub–Wheel
15:2	1–633926	4	Stud–Heel
17	1–633268	1	Grip–Lever, Brake
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–Flange, Lock
25	3253–7	8	Washer–Lock
26	3256–4	4	Washer–Flat

Ref. No.	Part No.	Qty.	Description
27	3272–10	7	Pin–Cotter
28	1–806800	2	Pin–Cotter
29	322–9	6	Screw–HH
30	103–0384	6	Spacer
31	103–0374	2	Retainer–Band, Brake

PROTOTYPE



Sheet No.:6

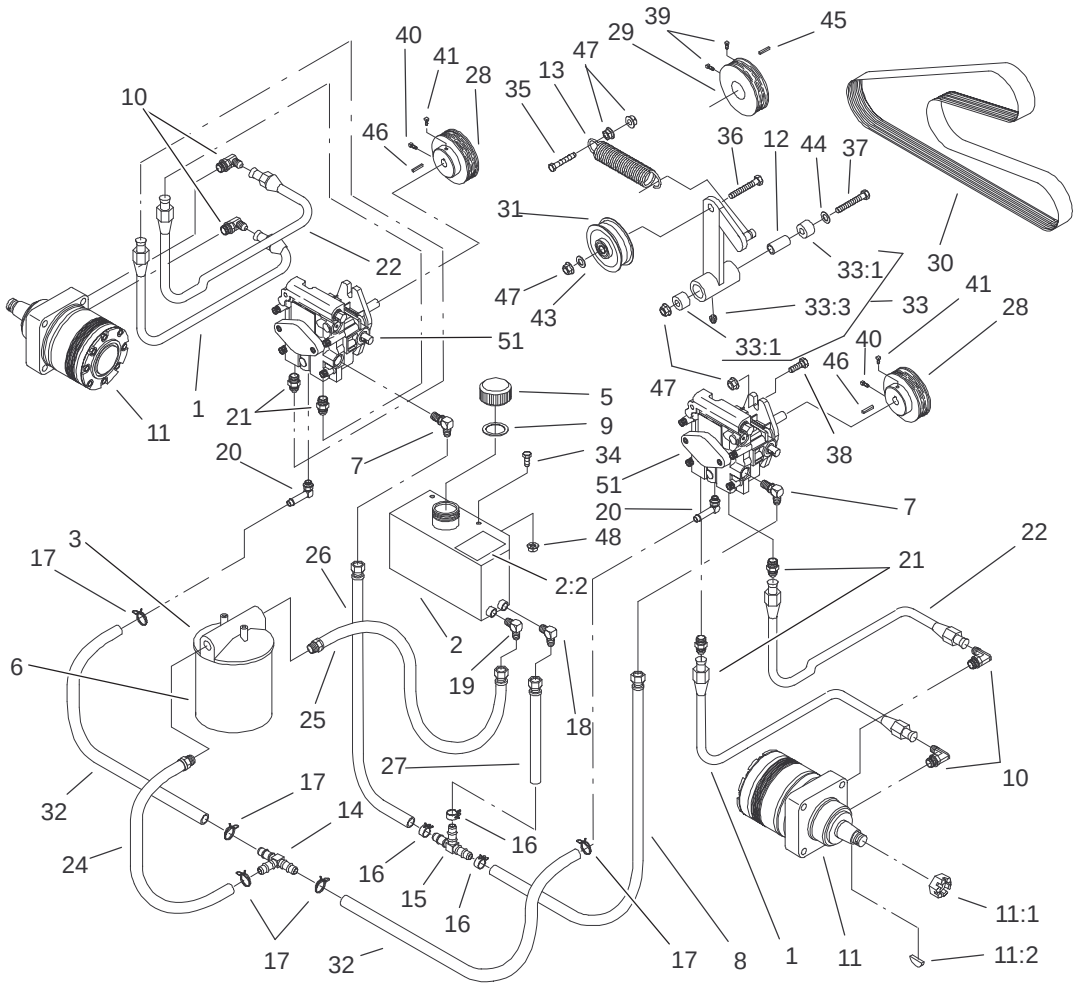
Control Panel Assembly

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, Nylon
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/Grip ASM
11:1	1–633257	1	Grip–Control, Motion
12	1–632208–03	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

Ref. No.	Part No.	Qty.	Description
27	3220–20	2	Nut–Jam
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–Flange, Lock
*37	103–0631	1	LH Lever/Grip ASM

PROTOTYPE

* Not illustrated



Sheet No.:7

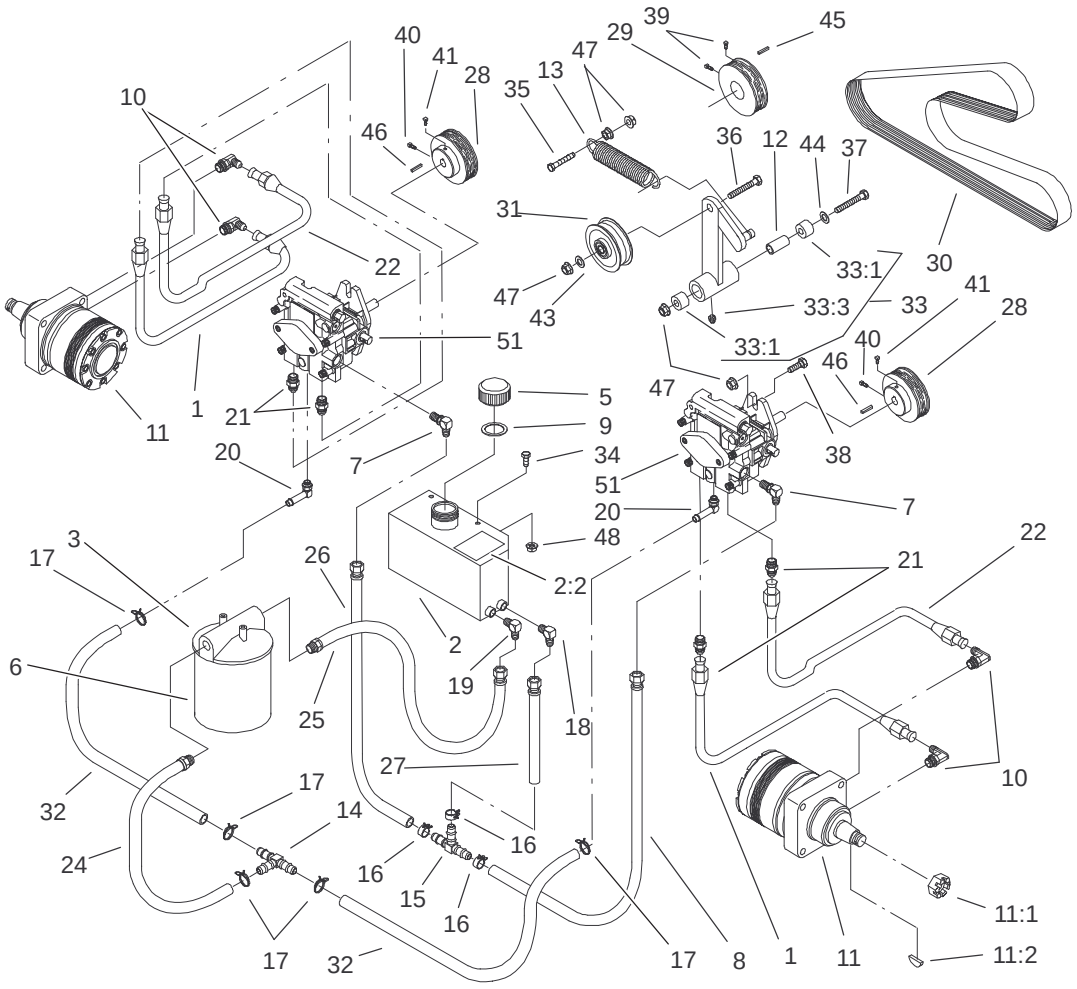
Hydraulic System Assembly

Ref. No.	Part No.	Qty.	Description
1	1–633776	2	Hose–Upper
2	99–4625	1	Hydraulic Tank ASM
2:2	1–523552	1	Decal–Tank, Hydraulic
3	1–513006	1	Filter–Head
5	1–513167	1	Cap–Reservoir, Hydraulic
6	1–633750	1	Filter–Hydraulic
6	1–633752	1	Filter–Winter, Hydraulic
7	1–513840	2	Fitting–90°
8	1–522217	1	Low Pressure Hose ASM
9	1–523103	1	Gasket–Cap, Tank
10	1–633786	4	Fitting–90°
11	1–523328	2	Motor–Wheel
11:1	1–809036	1	Nut–HH
11:2	1–807020	1	Key–Woodruff
*11:99	1–000099	1	Kit–Seal
*11:99	1–000139	1	Kit–Bearing
12	1–603384	1	Bushing–Pivot, Idler
13	1–603413	1	Spring–Extension
14	1–603721	1	Fitting–Tee, Hose
15	1–603722	1	Fitting–Tee, Hose
16	1–603826	3	Clamp–Hose
17	1–603827	5	Clamp–Hose
18	1–603987	1	Fitting–Elbow

Ref. No.	Part No.	Qty.	Description
19	1–603988	1	Fitting–Elbow
20	1–603989	2	Fitting–Elbow
21	1–603990	4	Fitting–Straight
22	1–633777	2	Hose–Lower
24	1–632281	1	Hose ASM
25	1–632282	1	Hose ASM
26	1–632285	1	Hose ASM
27	1–632286	1	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	1–633335	2	Hose–Pressure, Low
33	1–634277	1	Bearing Arm ASM
33:1	1–513034	2	Sleeve–Bearing
33:3	302–40	1	Fitting–Grease
34	321–4	2	Screw–HH
35	323–8	1	Screw–HH
36	323–9	1	Screw–HH
37	1–800805	1	Screw–HH
38	323–7	4	Screw–HH
39	1–803022	2	Screw
40	3242–6	2	Screw–Set, SQH
41	3242–4	2	Screw–Set, SQH
43	3256–3	1	Washer–Flat
44	3256–4	1	Washer–Flat

* Not illustrated

PROTOTYPE



Sheet No.:7

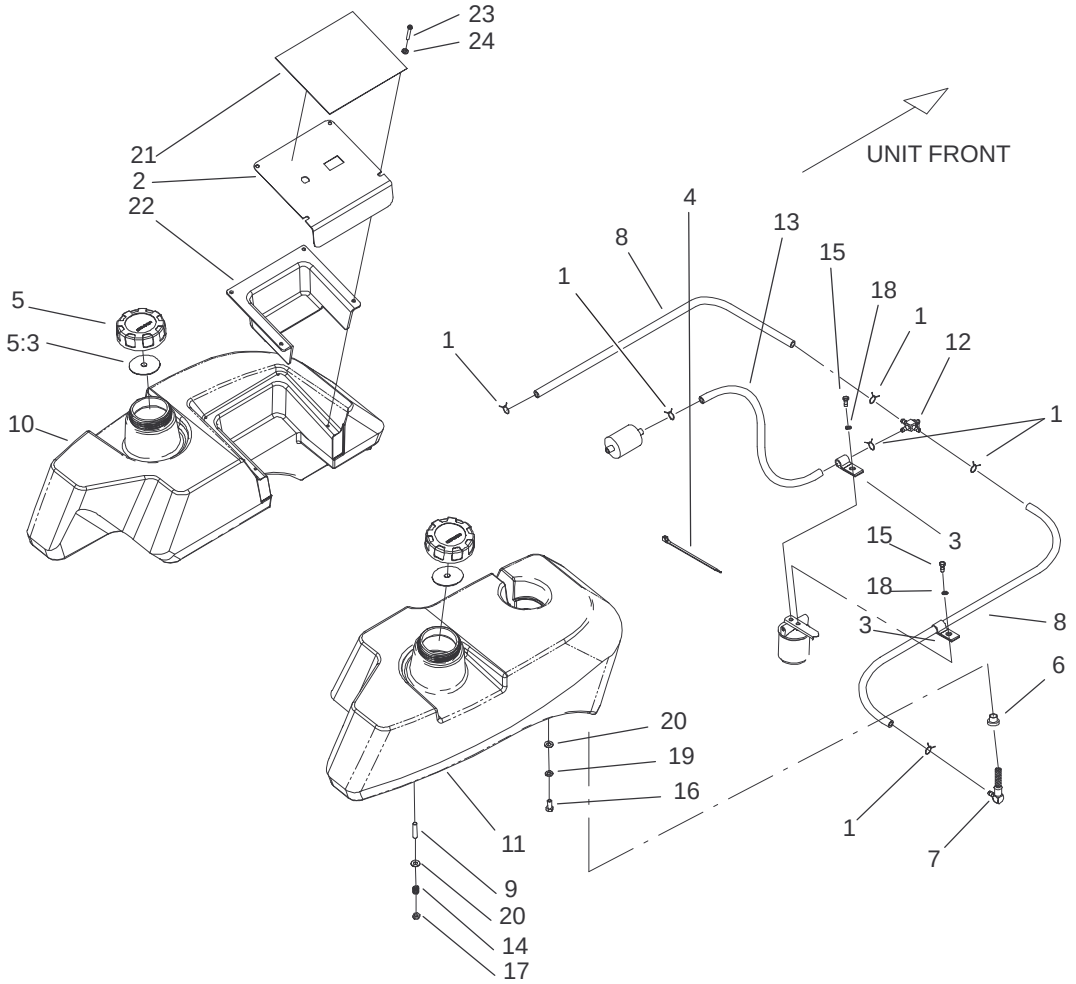
Hydraulic System Assembly

Ref. No.	Part No.	Qty.	Description
45	13–2840	1	Key–Square
46	1–807272	2	Key–Machine
47	3290–357	8	Nut–Flange, Lock
48	32128–33	2	Nut–HF
51	1–603841	2	Pump–Hydraulic, RH
*51	80–6130	1	Kit–Seal, Overhaul

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

* Not illustrated



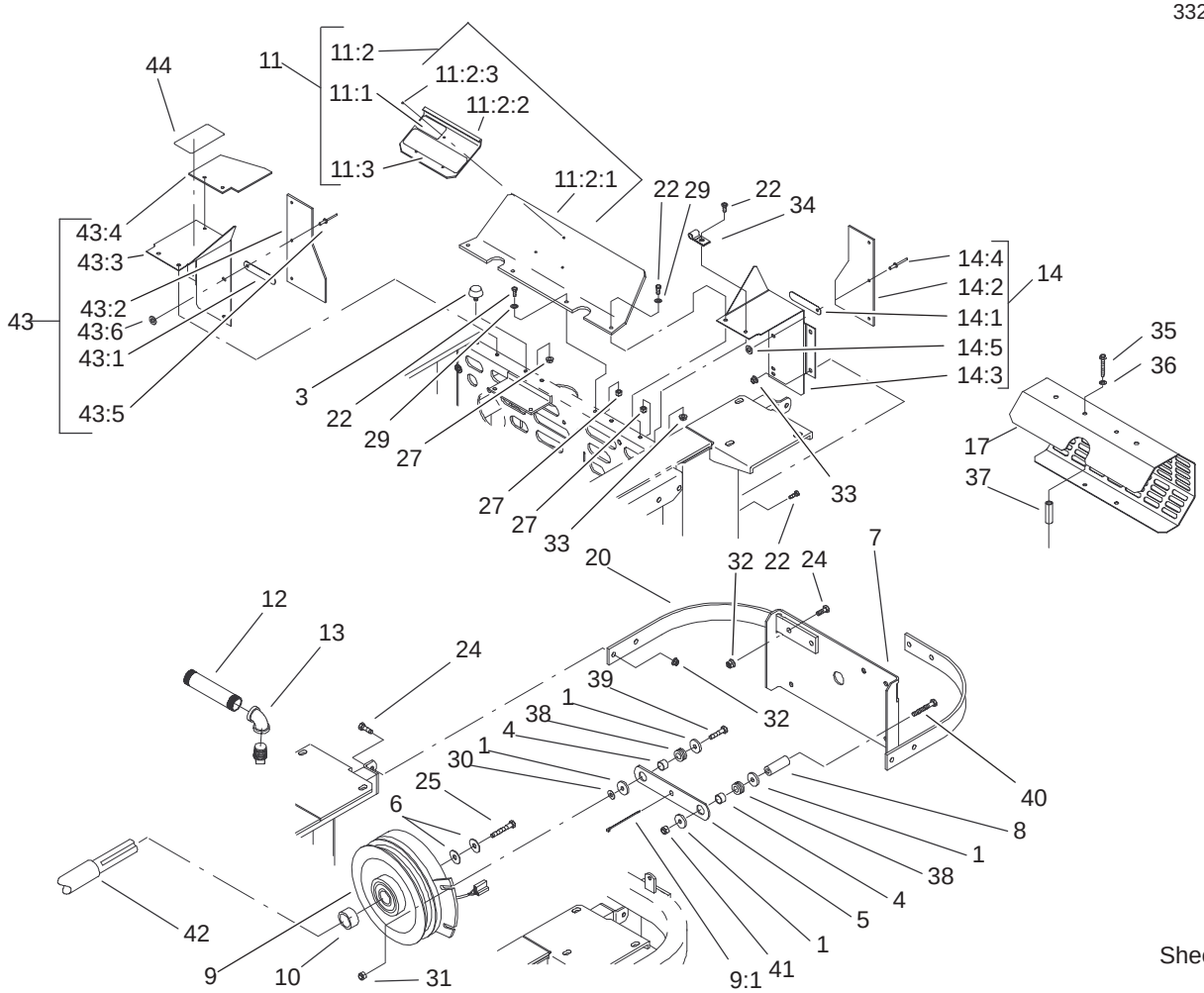
Sheet No.:8
C–2975

Tank and Fuel Line Assembly

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
6	1–513645	2	Bushing–Valve, Fuel
7	1–543277	2	Elbow–Tank, Fuel
8	1–543456	2	Hose–Fuel
9	1–633023	6	Stud
10	104–5100	1	Tank–Fuel, LH
11	104–5101	1	Tank–Fuel, RH
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	3253–3	2	Washer–Lock
19	3253–4	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

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



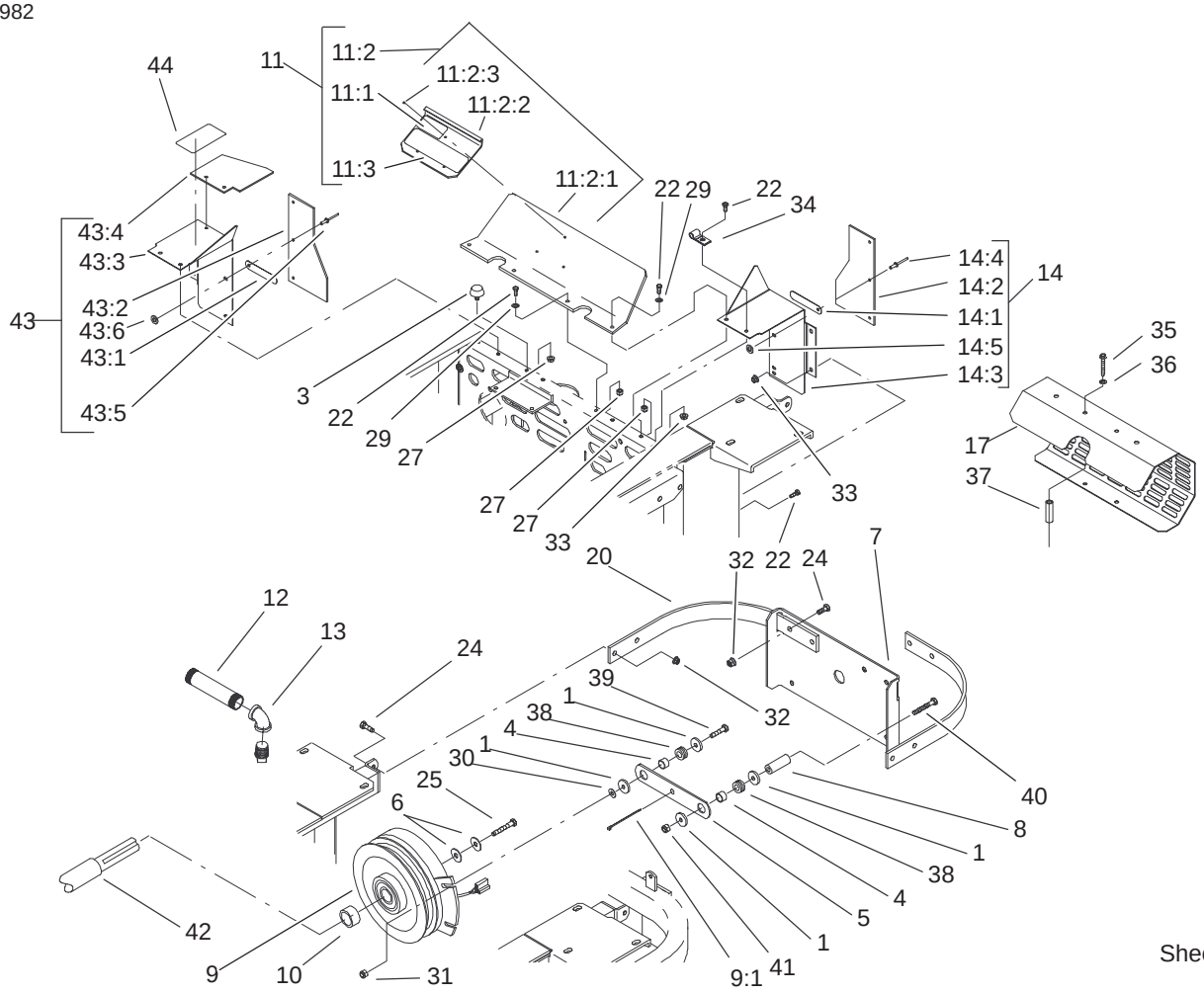
Sheet No.:9
C–2976

Shield and Clutch Assembly

Ref. No.	Part No.	Qty.	Description
1	1–613235	4	Washer
3	1–523420	2	Bumper
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
10	1–633179	1	Spacer–Clutch, 25hp
11	1–644276	1	Shield ASM
11:1	1–633462	1	Decal–Important
11:2	1–634308	1	Shield/Lift ASM
11:2:1	1–633298	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
12	1–543232	1	Nipple
13	1–303428	1	Elbow–90°
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

Ref. No.	Part No.	Qty.	Description
14:4	1–803035	3	Rivet–Pop
14:5	3256–63	3	Washer–Flat
17	1–643313–03	1	Guard–Muffler
20	1–643264–03	2	Bracket–Guard, Top
22	321–4	10	Screw–HH
24	323–6	6	Screw–HH
25	3212–10	1	Screw–HH
27	3296–42	6	Nut–Lock NI
29	3256–2	4	Washer–Flat
30	3256–3	1	Washer–Flat
31	32128–20	1	Nut–HF
32	3290–357	4	Nut–Flange, Lock
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
38	1–633630	2	Grommet–Brake
39	322–6	1	Screw–HH
40	322–19	1	Screw–HH
41	3296–29	1	Nut–Lock
42	1–633830	1	Engine–25hp, Kohler (Ch25s Ps–68606)
43	1–644316	1	RH Shield ASM
43:1	1–523285	1	Clip–Baffle, Rear
43:2	1–633301	1	Shield–Engine

PROTOTYPE



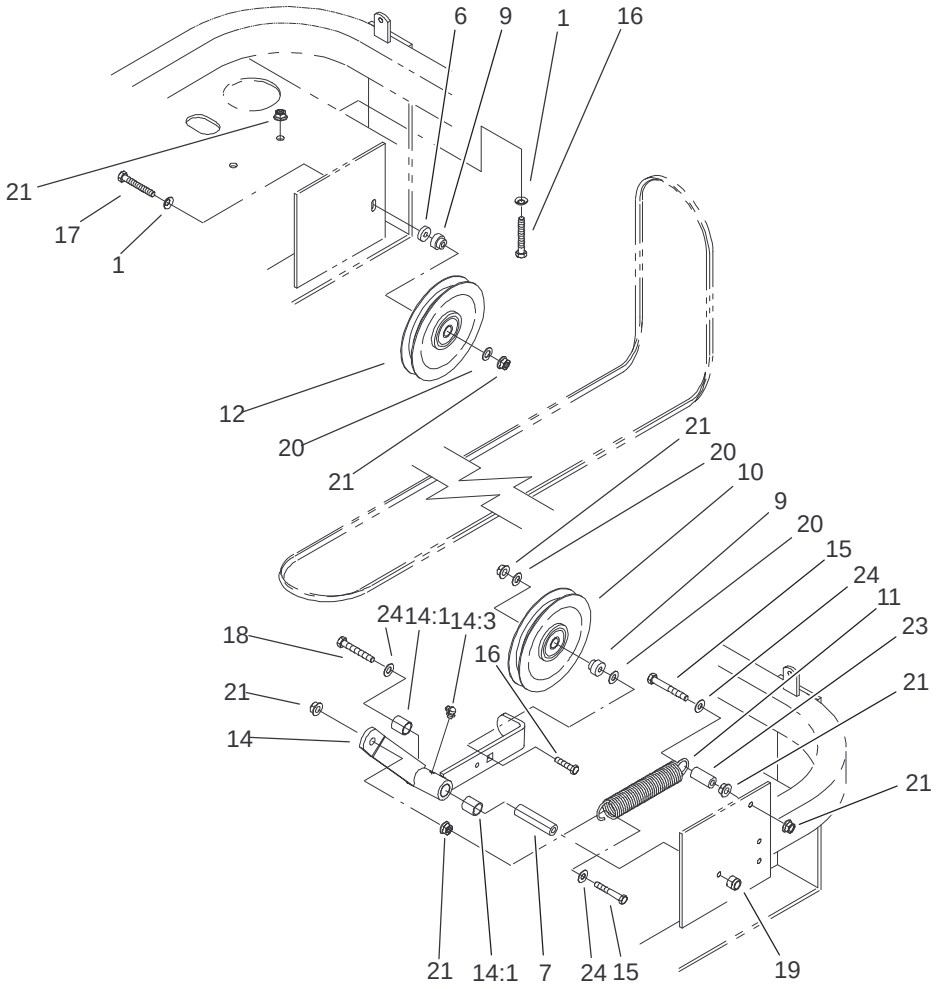
Sheet No.:9
C–2976

Shield and Clutch Assembly

Ref. No.	Part No.	Qty.	Description
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

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



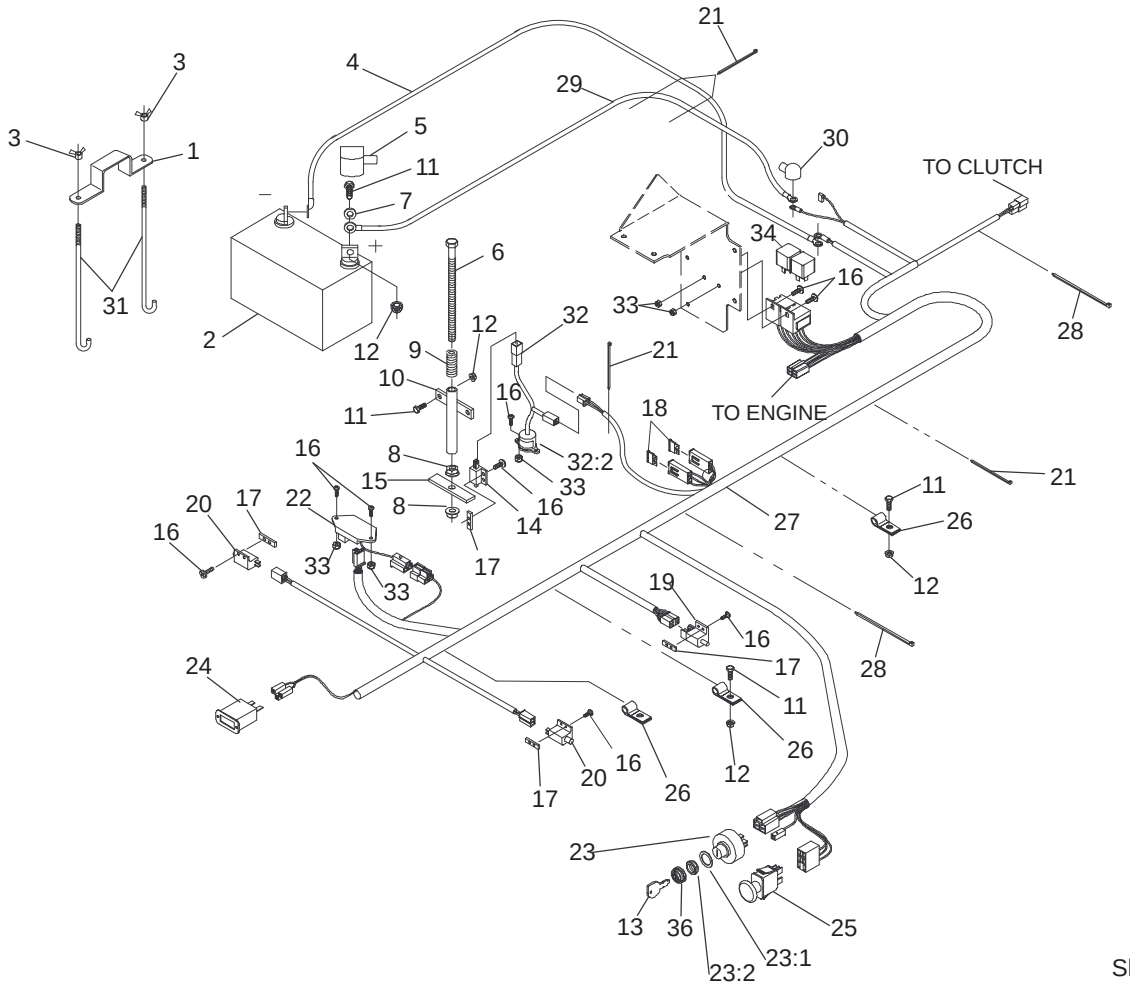
Sheet No.:10

Idler Assembly

Ref. No.	Part No.	Qty.	Description
1	98–5975	5	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	V–Belt–Idler
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	5	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	10	Nut–Flange, Lock
23	1–603401	1	Spacer–Fender
24	3256–4	3	Washer–Flat

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

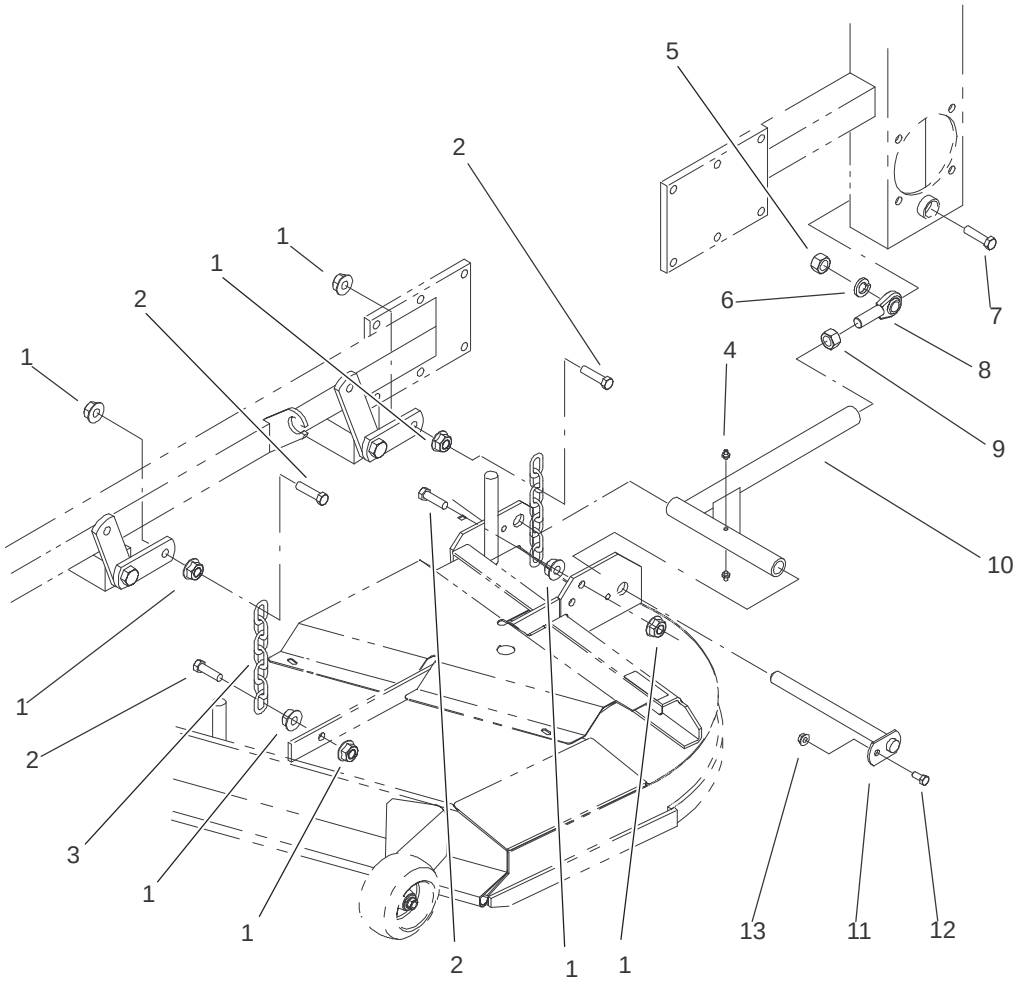


Electrical System Assembly

Ref. No.	Part No.	Qty.	Description
1	1–633652–03	1	Strap–Holddown, Battery
2	1–603479	1	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
22	100–6186	1	Module–Delay, Seat
23	88–9830	1	Switch–Ignition

Ref. No.	Part No.	Qty.	Description
23:1	3254–5	1	Washer–Lock, Internal
23:2	218–461	1	Nut–HH
24	1–513374	1	Meter–Hours
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
36	103–0499	1	Seal–Switch, Ignition

PROTOTYPE



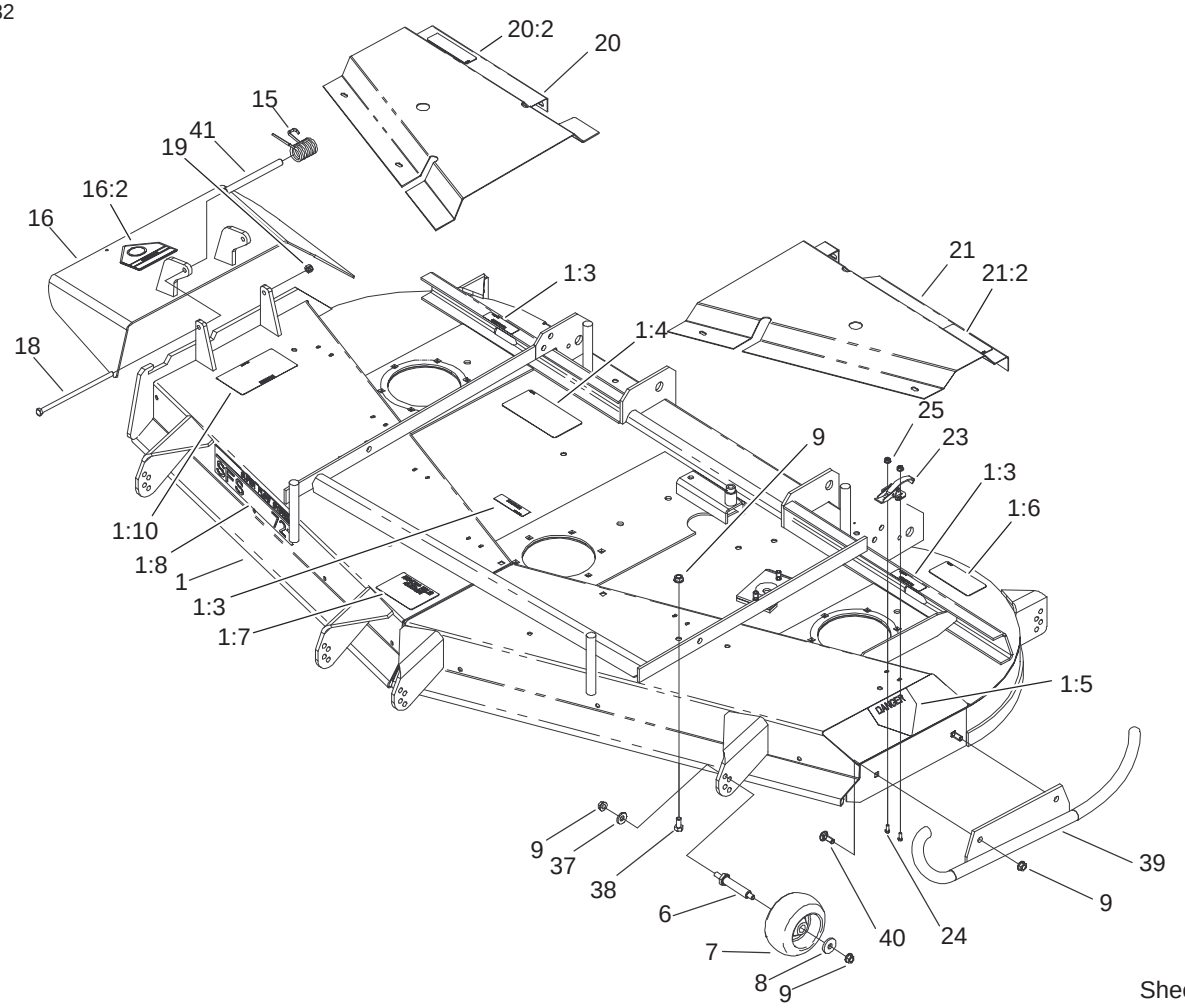
Sheet No.:12

Frame and Deck Assembly

Ref. No.	Part No.	Qty.	Description
1	32128–37	16	Nut–HF
2	324–6	8	Screw–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

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



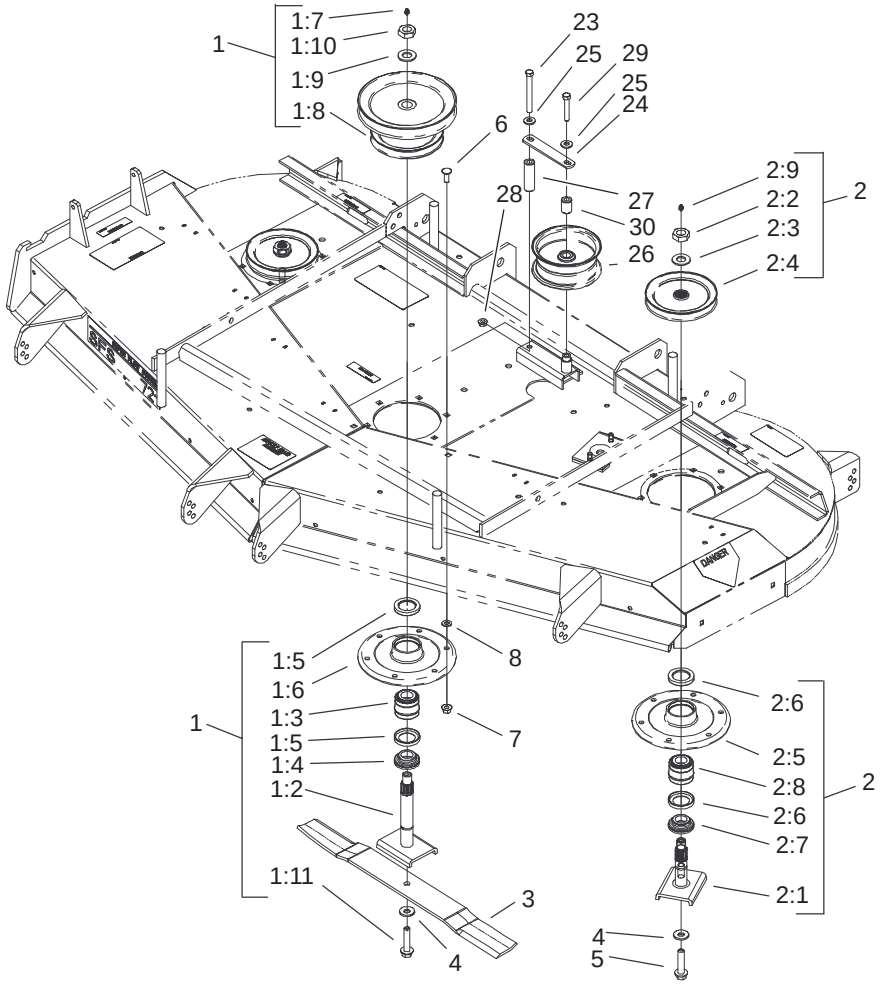
Sheet No.:42

Deck, Deflector and Roller Assembly

Ref. No.	Part No.	Qty.	Description
1	104–7772	1	Deck ASM
1:3	98–5954	3	Decal–Missing, Cover
1:4	99–4686	1	Decal–Routing, Belt
1:5	43–8480	1	Decal–Danger
1:6	93–7818	1	Decal–Torque, Blade
1:7	98–3798	1	Decal–Wheel, Gage
1:8	98–5995	1	Decal–Deck
1:10	66–1340	1	Decal–Danger
6	99–2842	6	Spacer–Wheel
7	68–2730	6	Gage–Wheel
8	1–373034	6	Washer–Swivel
9	3290–357	18	Nut–Flange, Lock
15	104–8554	1	Spring–Torsion
16	104–7763	1	Deflector ASM
16:2	54–9220	1	Decal–Danger
18	322–50	1	Screw–Cap
19	3296–29	1	Nut–Lock
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
23	249–21	4	Clamp–Slotted
24	3290–321	8	Screw–HWH
25	32128–17	8	Nut–Lock, Flange

Ref. No.	Part No.	Qty.	Description
37	98–5975	6	Washer–Belleville
38	323–4	4	Screw–HH
39	98–7923–01	1	Skid
40	3231–22	2	Screw–CARR
41	104–8555	1	Spacer–Deflector, Mounting

PROTOTYPE



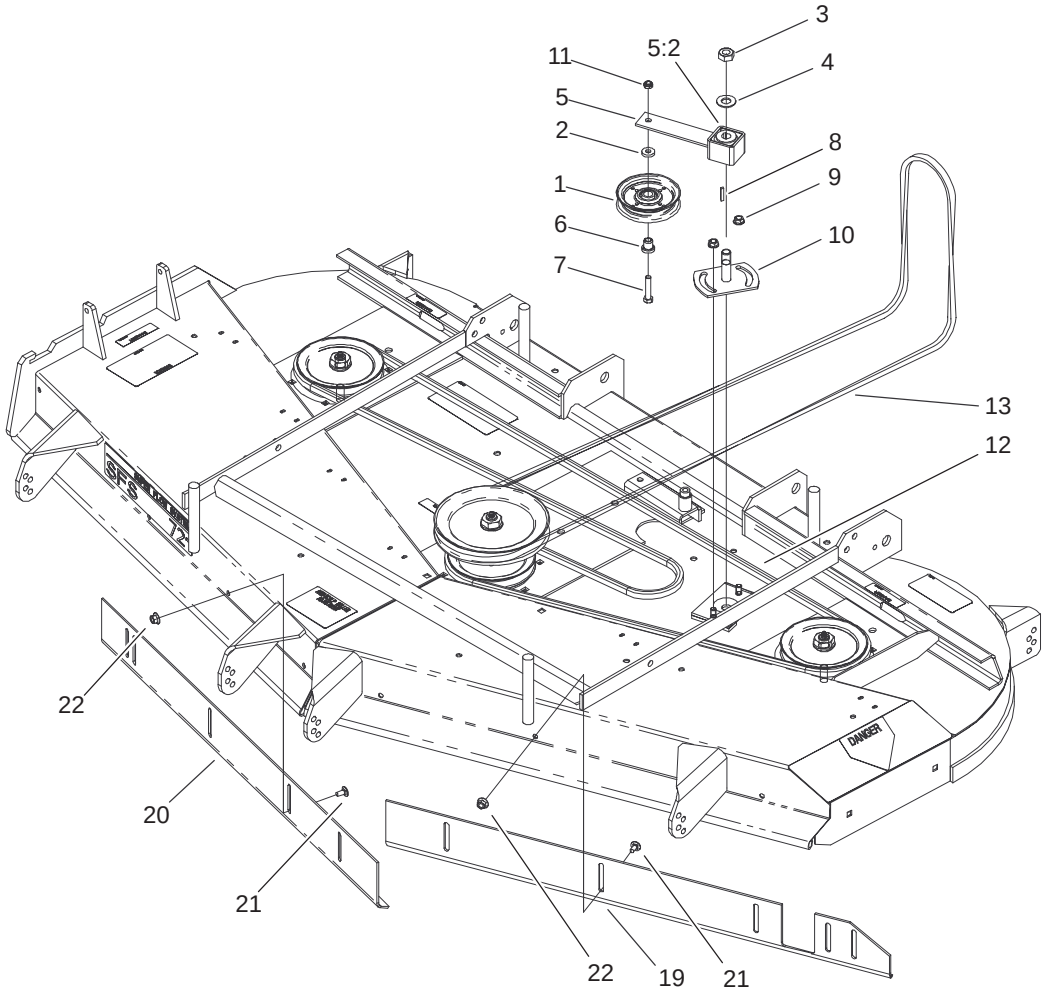
Sheet No.:43

Spindle and Pulley Assembly

Ref. No.	Part No.	Qty.	Description
1	99–2605	1	Middle Spindle ASM
1:2	51–3551	1	Shaft–Spindle
1:3	46–8530	1	Bearing ASM
1:4	27–0950	1	Spacer–Bearing, Spindle
1:5	253–139	2	Seal–Oil
1:6	61–4160	1	Housing–Spindle
1:7	302–2	1	Fitting–Grease
1:8	99–4626	1	Pulley Hub ASM
1:9	92–5836	1	Washer–Axle
1:10	32146–20	1	Nut–Jam
1:11	92–5816	1	Bolt–Blade
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	1	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

Ref. No.	Part No.	Qty.	Description
6	3231–22	18	Screw–CARR
7	32128–21	18	Nut–HF
8	3256–24	4	Washer–Flat
23	323–42	1	Screw–HH
24	1–653189	1	Plate–Guide, Belt
25	98–5975	2	Washer–Belleville
26	1–413099	1	Pulley–Idler
27	99–4659	1	Spacer–Bracket
28	3290–357	1	Nut–Flange, Lock
29	323–11	1	Screw–HH
30	1–653190	1	Spacer

PROTOTYPE



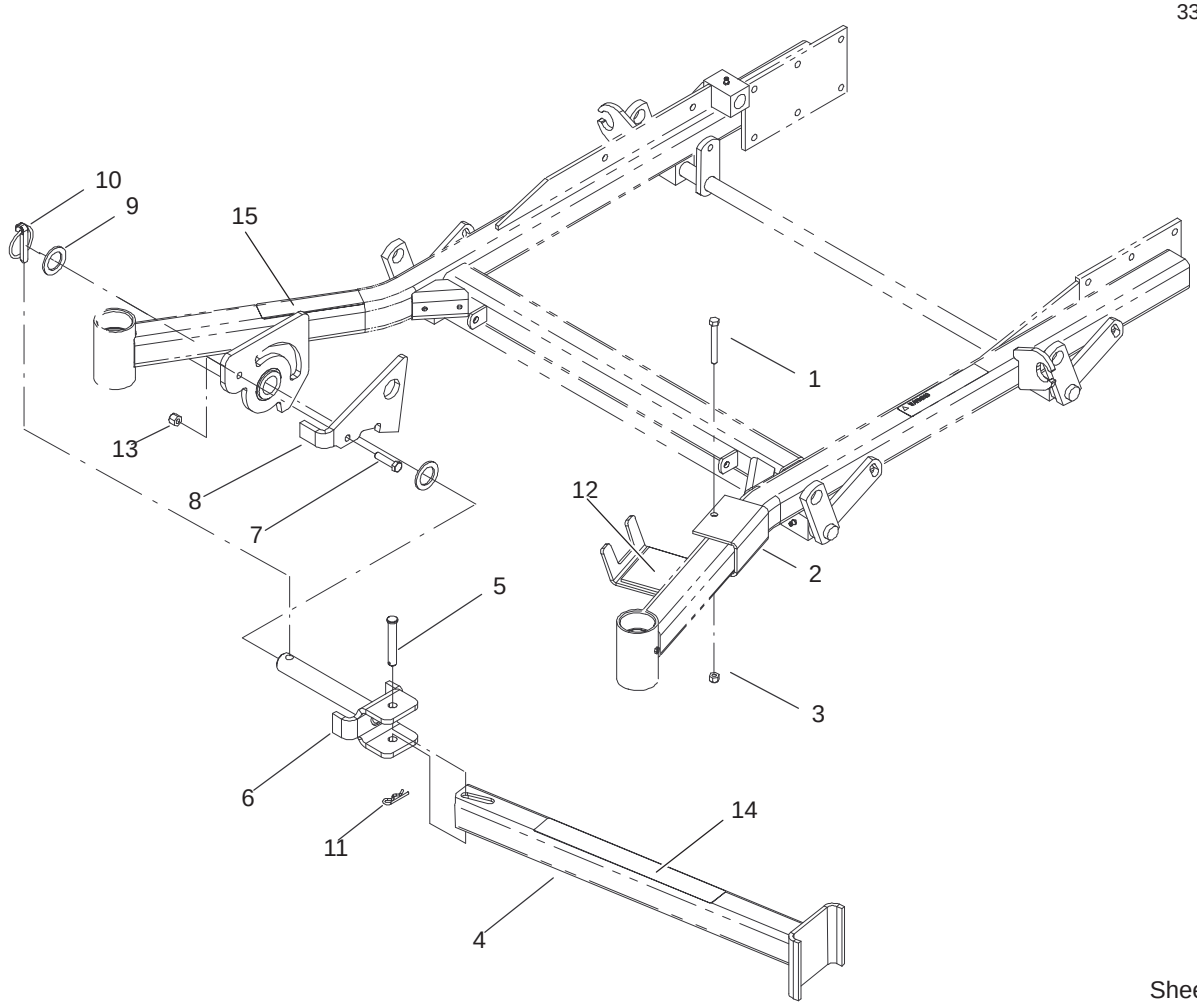
Sheet No.:44

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–Flange, Lock
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

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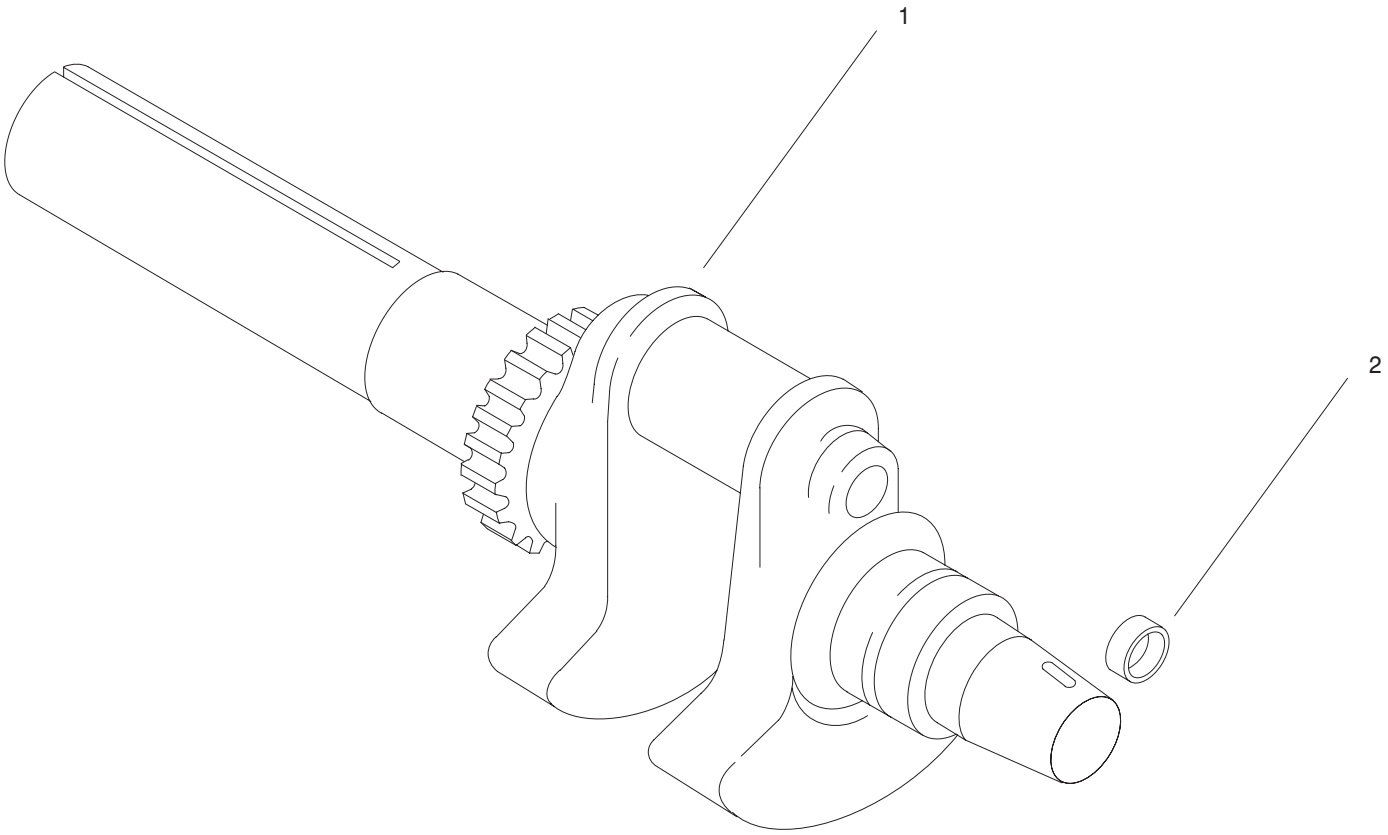
Sheet No.:51

Stand Assembly

Ref. No.	Part No.	Qty.	Description
1	322–13	1	Screw–HH
2	100–9699–01	1	Bracket–Cradle
3	3296–29	1	Nut–Lock
4	100–9695–01	1	Leg ASM
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	104–7765	1	Cushion–Rubber
13	3296–39	1	Nut–Lock, NI
14	104–7758	1	Decal–Z Stand
15	104–7759	1	Decal–warning

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



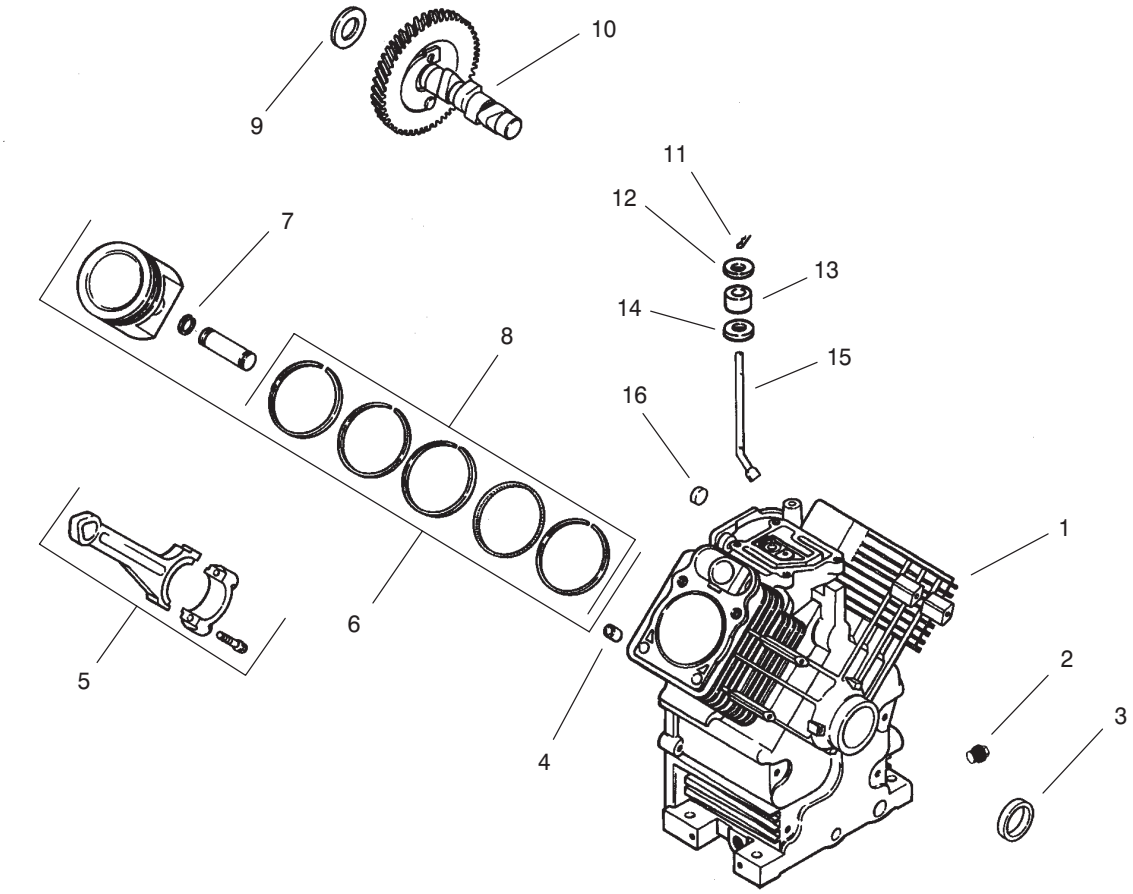
Crankshaft Assembly
(Engine: Kohler CH25S PS–68606)

Ref. No.	Part No.	Qty.	Description
1	24 014 06	1	Crankshaft (Incl. Ref.# 2)
2	52 139 09	1	Plug–Cup

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

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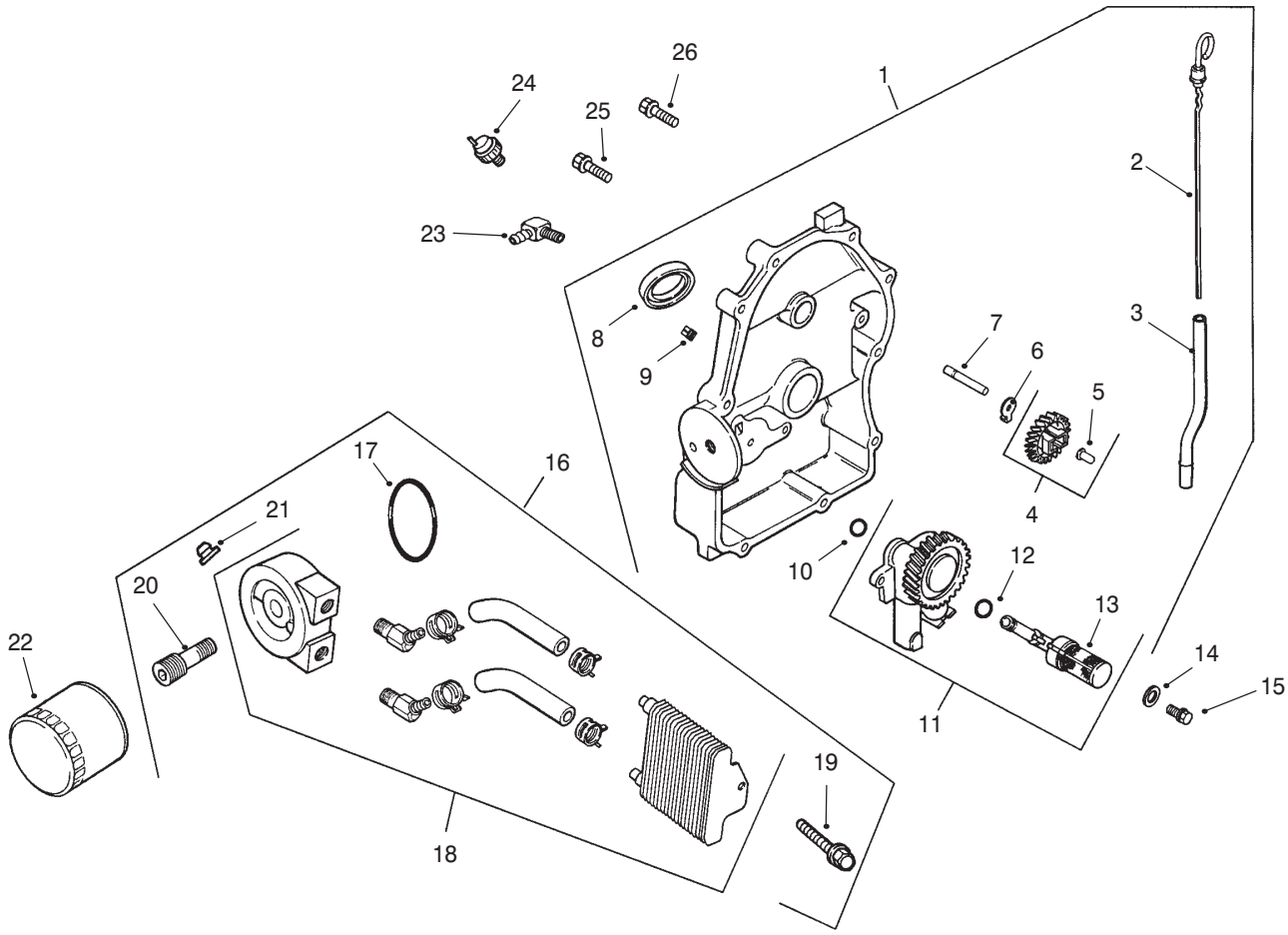
Crankcase Assembly
(Engine: Kohler CH25S PS–68606)

Ref. No.	Part No.	Qty.	Description
1	24 561 33	1	Cylinder Block (Incl. Ref.# 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 with Ring Set (Std.)
7	24 018 01	4	Retainer–Pin, Piston
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–cross shaft, Governor

Ref. No.	Part No.	Qty.	Description
14	X–25–102	1	Washer–Plain
15	24 144 01	1	Shaft–Cross, Governor
16	52 139 09	1	Plug–Cup
*	24 113 56	1	Decal–Service

PROTOTYPE

*Not Illustrated
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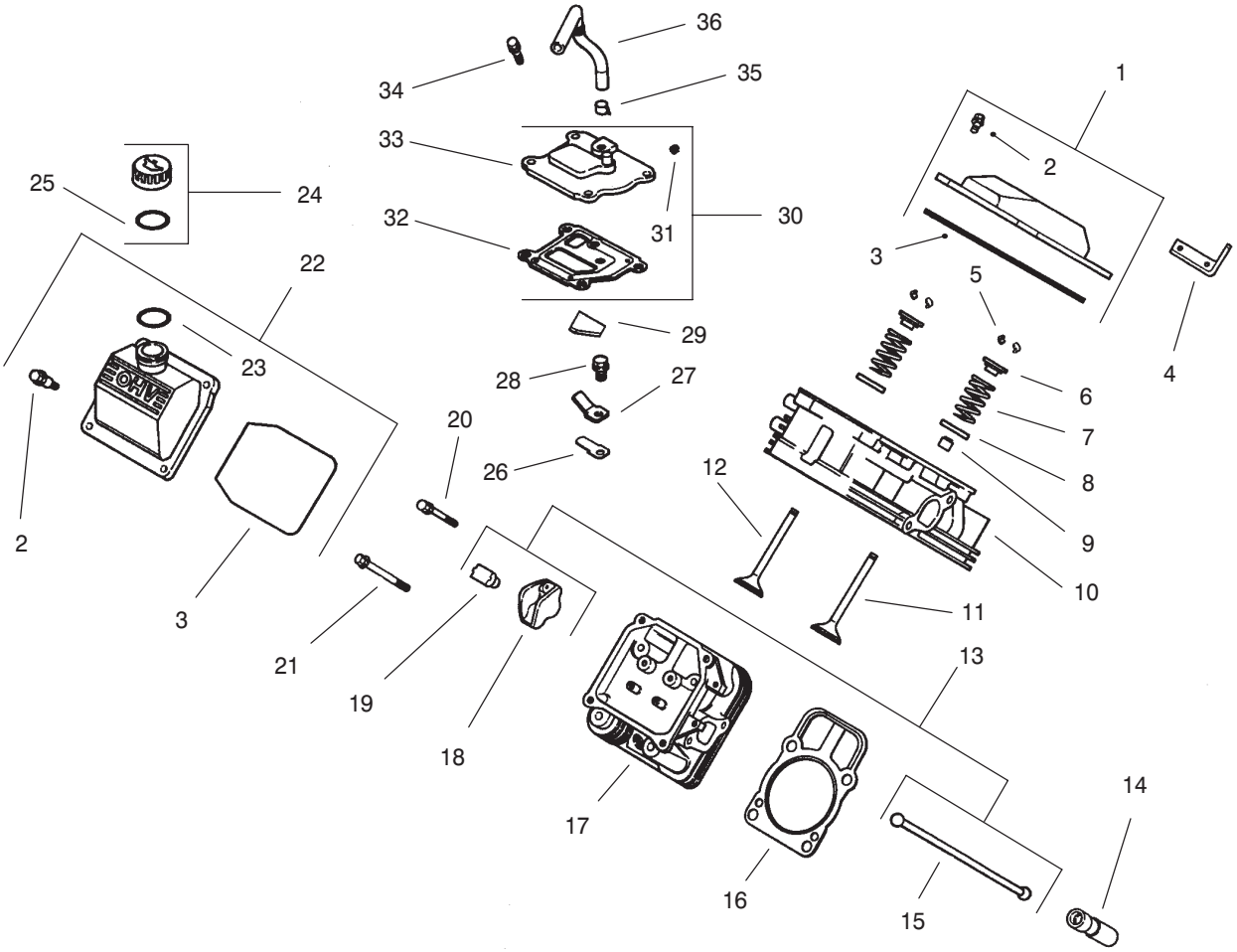


Oil Pan/Lubrication Assembly
(Engine: Kohler CH25S PS–68606)

Ref. No.	Part No.	Qty.	Description
1	24 009 83	1	Closure Plate ASM (Incl. Ref.# 2–12)
2	24 038 06	1	Dipstick
3	24 123 08	1	Tube–Dipstick
4	24 043 12	1	Kit–Gear, Governor (Incl. Ref.# 5)
5	12 380 01	1	Pin–Regulating, Governor
6	52 448 02	1	Tab–Locking
7	12 144 02	1	Shaft–Gear, Governor
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 ASM (Incl. Ref.# 12,13)
12	24 153 01	1	O–Ring–pick–up, Oil
13	24 381 04	1	Pick–up–Oil
14	M–0631005	2	Washer–Plain, 6mm
15	M–0645025	2	Screw–HF
16	54 755 14	1	Kit–Cooler, Oil (Incl. Ref.# 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–Filter, Oil
21	24 100 01	2	Nut–Plastic
22	52 050 02	1	Filter–Oil
23	25 155 02	1	Connector
24	24 099 03	1	Switch–Pressure
25	24 086 16	9	Screw–HF
26	24 086 17	1	Screw–HF
*	24 113 25	1	Decal–Cooler, Oil

PROTOTYPE

*Not Illustrated
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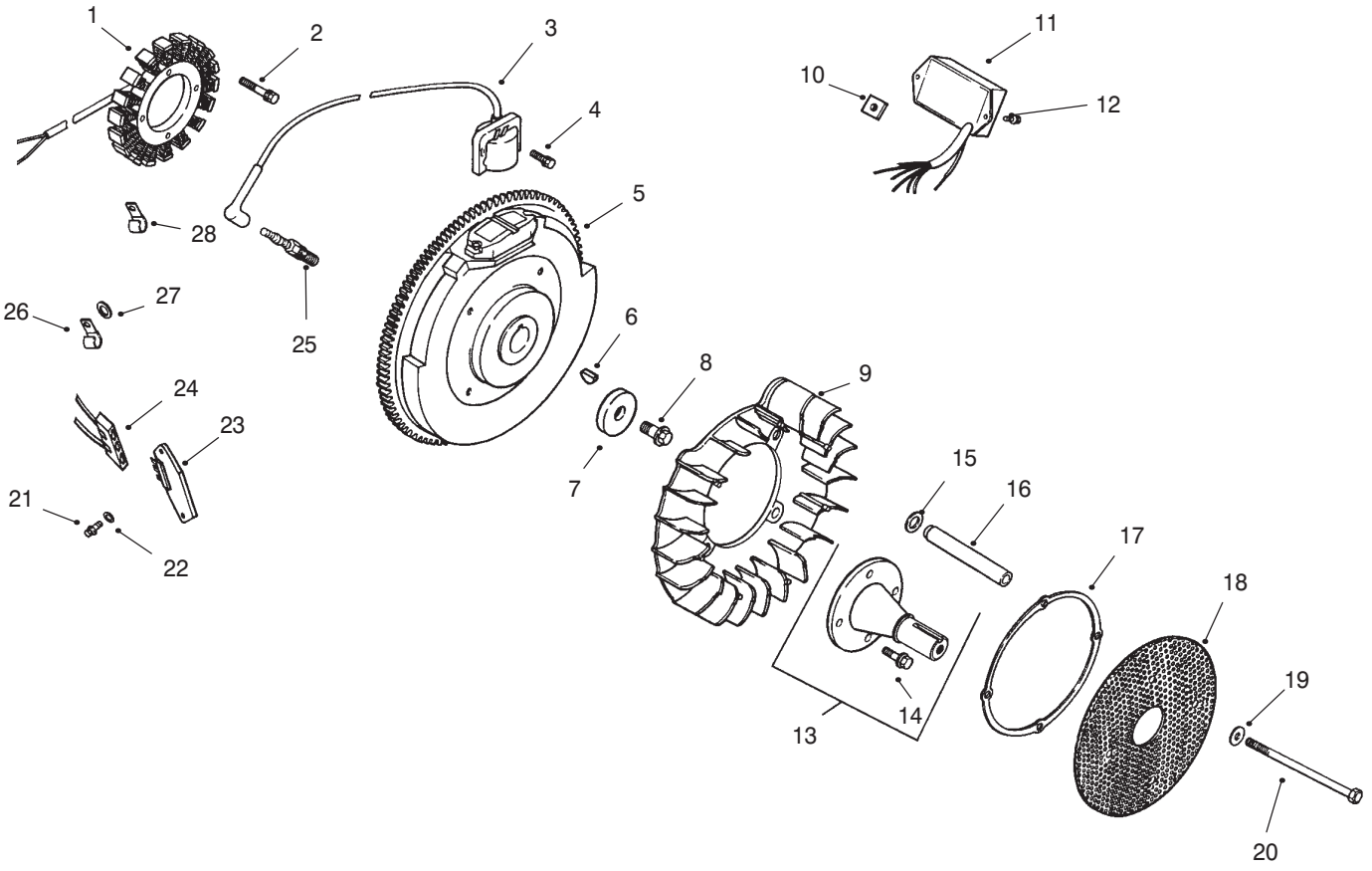
Head/Valve/Breather Assembly (Engine: Kohler CH25S PS–68606)

Ref. No.	Part No.	Qty.	Description
1	24 755 74	1	Kit–Valve Cover, Plain (Incl. Ref.# 2, 3)
2	24 086 32	4	Screw–Shoulder
3	24 153 16	1	O–Ring–Cover, Valve
4	24 445 01	1	Strap–Lifting
5	12 755 03	4	Kit–Retainer
6	12 173 01	4	Cap–Spring, Valve
7	24 089 02	4	Spring–Valve
8	235011	4	Retainer–Spring
9	24 032 05	2	Seal–Stem, Valve
10	24 318 13	1	#1 Cylinder Head ASM
11	24 017 01	2	Valve–Intake (Std.)
	24 017 02	2	Valve–Intake (.25)
12	24 016 01	2	Valve–Exhaust (Std.)
	24 016 02	2	Valve–Exhaust (.25)
13	24 755 66	1	Kit–Train, Valve (Incl. Ref.# 15,18,19)
14	12 351 02	4	Lifter–Valve
15	24 411 05	4	Rod–Push
16	24 041 37	2	Gasket–Head, Cylinder
17	24 318 14	1	#2 Cylinder Head ASM
18	25 186 01	4	Arm–Rocker
19	24 599 01	4	Pivot–Arm, Rocker
20	M–0640034	4	Screw–HF

Ref. No.	Part No.	Qty.	Description
21	24 086 44	8	Screw–HF
22	24 755 75	1	Kit–Valve Cover, Oil Fill (Incl. Ref.# 2, 3, 23)
23	24 153 09	1	O–Ring
24	24 755 46	1	Kit–Cap, Oil Fill (Incl. Ref.# 25)
25	12 153 03	1	O–Ring–Cap, Oil Fill
26	24 402 03	1	Reed–Breather
27	12 018 01	1	Retainer–Reed, Breather
28	M–0545010	1	Screw–HF
29	24 050 01	1	Filter–Breather
30	24 033 01	1	Kit–Bbreather (Incl. Ref.# 31–33)
31	X–75–23	1	Plug–Pipe, Allen Head
32	24 041 23	1	Gasket–Breather
33	24 096 02	1	Cover–Breather
34	M–0645020	4	Screw–HF
35	X–426–9	1	Clamp–Breather
36	24 326 06	1	Hose–Breather

PROTOTYPE

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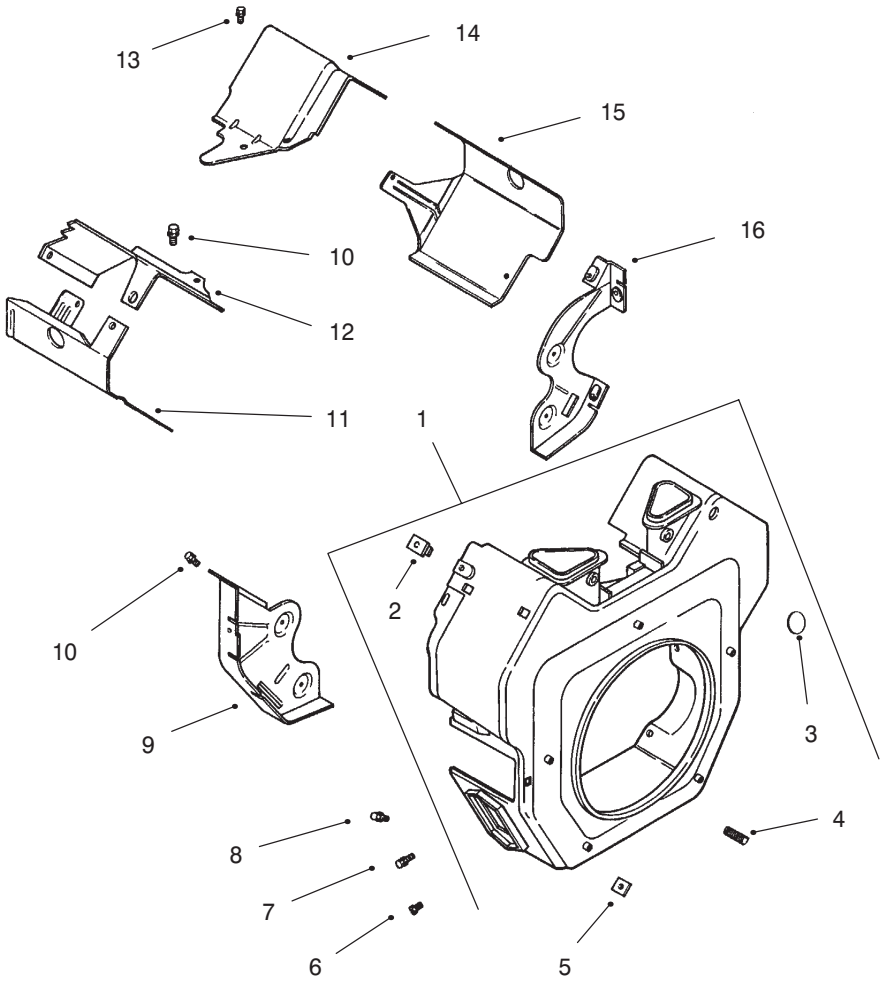
Ignition/Electrical Assembly (Engine: Kohler CH25S PS–68606)

Ref. No.	Part No.	Qty.	Description
1	54 755 09	1	Kit–Stator, 15 amp (Incl. Ref.# 24 126 71)
2	M–0548025	2	Screw–Cap, Hex
3	24 584 11	2	Module–Ignition
4	M–0561025	4	Screw–HSH
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–HF
9	24 157 03	1	Fan
10	24 100 02	2	Nut–Plastic
11	24 584 09	1	Module–Advance, Spark
12	24 086 41	2	Screw–Head, Phillips
13	24 755 08	1	Kit–Drive Shaft, Front (Incl. Ref.# 14)
14	M–0839025	4	Screw–HF
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–Head, Phillips

Ref. No.	Part No.	Qty.	Description
22	X–25–92	2	Washer–Plain, 3/16”
23	25 403 03	1	Rectifier–Regulator 15amp
24	236602	1	Connector
25	12 132 06	2	Plug–Spark
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	1	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–Wire, Stator
*	X–22–11	1	Washer–Lock

PROTOTYPE

*Not Illustrated
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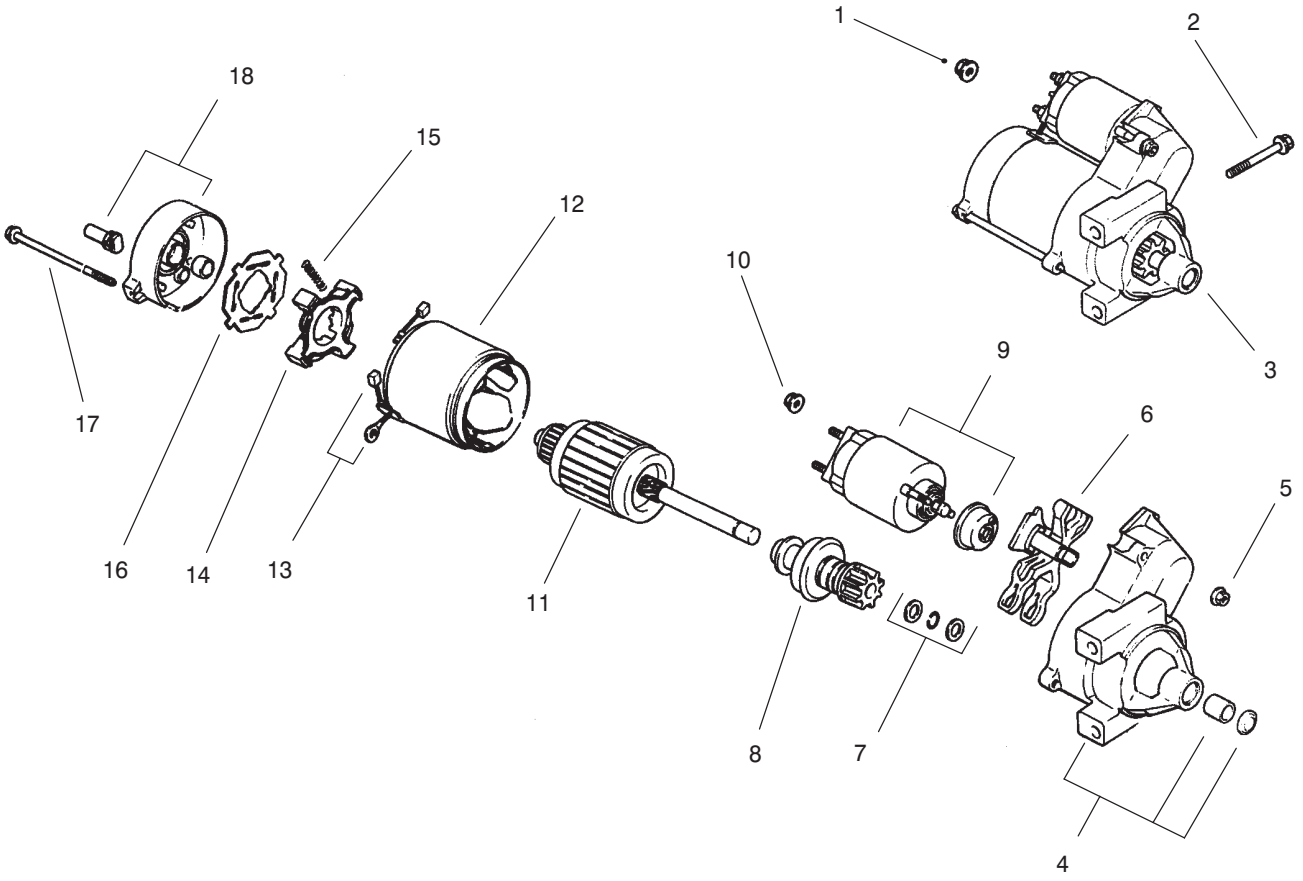
Blower Housing and Baffle
(Engine: Kohler CH25S PS–68606)

Ref. No.	Part No.	Qty.	Description
1	24 027 40	1	Housing–Blower (Incl. Ref.# 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–HF
7	M–0545016	5	Screw–HF
8	M–0567020	2	Screw–HF
9	24 146 11	1	Plate–Backing, #2 side
10	M–0645016	6	Screw–HF
11	24 063 39	1	Baffle– Cylinder Barrel, #2 side
12	24 063 17	1	Baffle–Valley, #2 Side
13	M–0545010	2	Screw–HF
14	24 063 24	1	Baffle–Valley, #1 Side
15	24 063 30	1	Baffle–Cylinder Barrel, #1 Side
16	24 146 08	1	Plate–Backing, #1 Side
*	24 113 69	1	Decal–HP

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

*Not Illustrated
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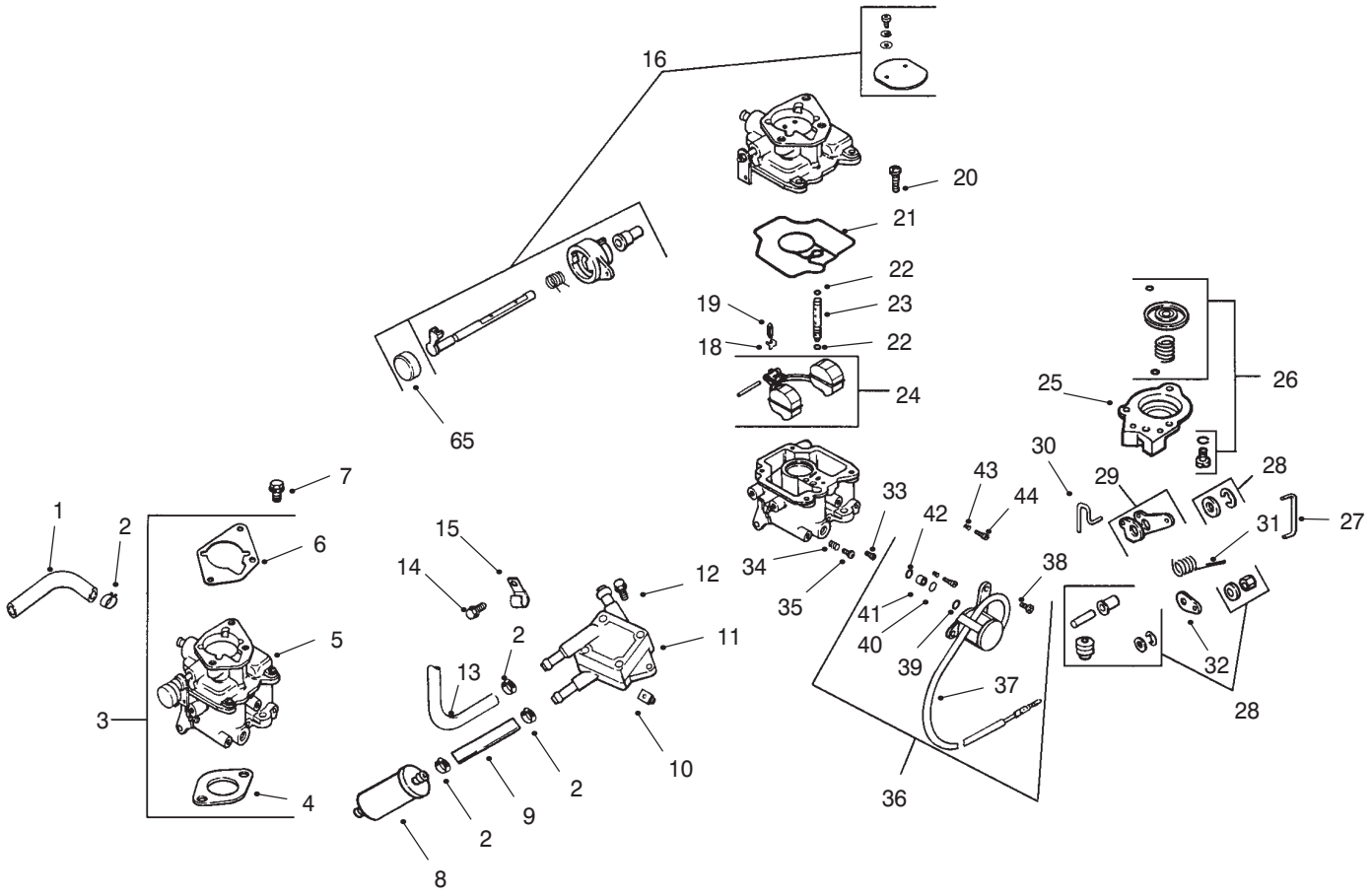
Starting System Assembly (Engine: Kohler CH25S PS–68606)

Ref. No.	Part No.	Qty.	Description
1	M–0841080	1	Nut–HF
2	M–0839080	2	Screw–HF
3	24 098 01	1	Starter Solenoid Shift ASM (Incl. Ref.# 4–18)
4	24 081 04	1	Drive–Cap, End
5	52 100 10	2	Nut–Starter
6	12 090 10	1	Lever–Drive, Starter
7	24 755 84	1	Kit–Repair, Starter
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	1	Kit–Brush & Spring (Incl. Ref. # 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–Cap, End

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

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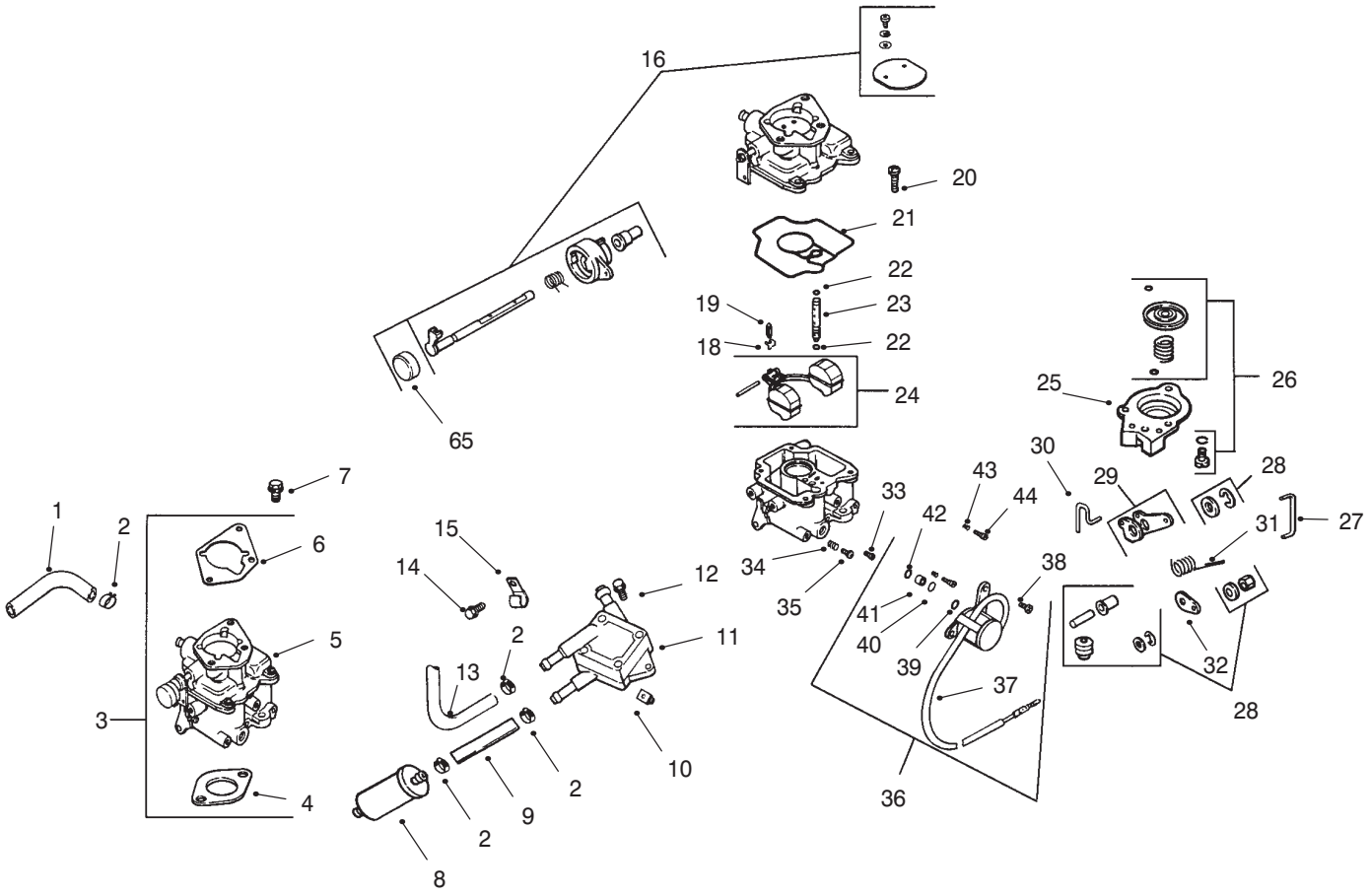
Fuel System Assembly
(Engine: Kohler CH25S PS–68606)

Ref. No.	Part No.	Qty.	Description
1	25 353 10	2	Line–Fuel, 9”
2	X–426–9	6	Clamp–Hose
3	24 853 34	1	Kit–Carburetor (Incl. Ref.# 4–6)
4	24 041 06	1	Gasket–Base, Air Cleaner
{5	24 053 34	1	Carburetor ASM
6	24 041 17	1	Gasket–Carburetor
7	M–0651030	2	Screw–HF
8	24 050 02	1	Filter–Fuel
9	25 353 15	1	Line–Fuel
10	24 100 01	2	Nut–Plastic
11	24 393 04	1	Pump–Fuel–Pulse
12	24 086 12	2	Screw–Hex
13	24 353 02	1	Line–Fuel, 15–1/2”
14	M–0650012	1	Screw–HF
15	47 154 01	1	Clip–Cable
18	24 154 01	1	Clip–Needle Valve, Inlet
19	24 462 01	1	Valve–Needle, Inlet
20	24 086 09	4	Screw
21	24 041 09	1	Gasket–Body, Carburetor
22	24 153 02	1	O–Ring–Jet, Slow

Ref. No.	Part No.	Qty.	Description
23	24 337 29	1	Jet–Slow
24	24 757 02	1	Kit–Repair, Float
25	24 081 05	1	Housing–Pump
26	24 757 08	1	Kit–Repair, Accelerator Pump
27	24 079 07	1	Linkage–Rod
28	24 757 09	1	Kit Repair–Diagram, Accelerator Pump
29	24 090 16	1	Lever–Rod
30	24 079 06	1	Linkage–Rod
31	24 089 27	1	Spring–Linkage
32	24 090 15	1	Lever–Linkage
33	24 337 30	1	Jet–Main
34	24 086 10	1	Screw–Adjustment, Idle Speed
35	24 089 10	1	Spring–Adjustment, Idle Speed
36	24 757 01	1	Solenoid ASM Kit (Incl. Ref.# 37–42)
37	24 153 06	1	O–Ring–Solenoid
38	24 521 01	1	Seat–Solenoid
39	24 153 05	1	O–Ring–Solenoid
40	24 153 04	1	O–Ring–Solenoid
41	24 435 01	1	Solenoid
42	24 086 07	2	Screw

PROTOTYPE

*Not Illustrated
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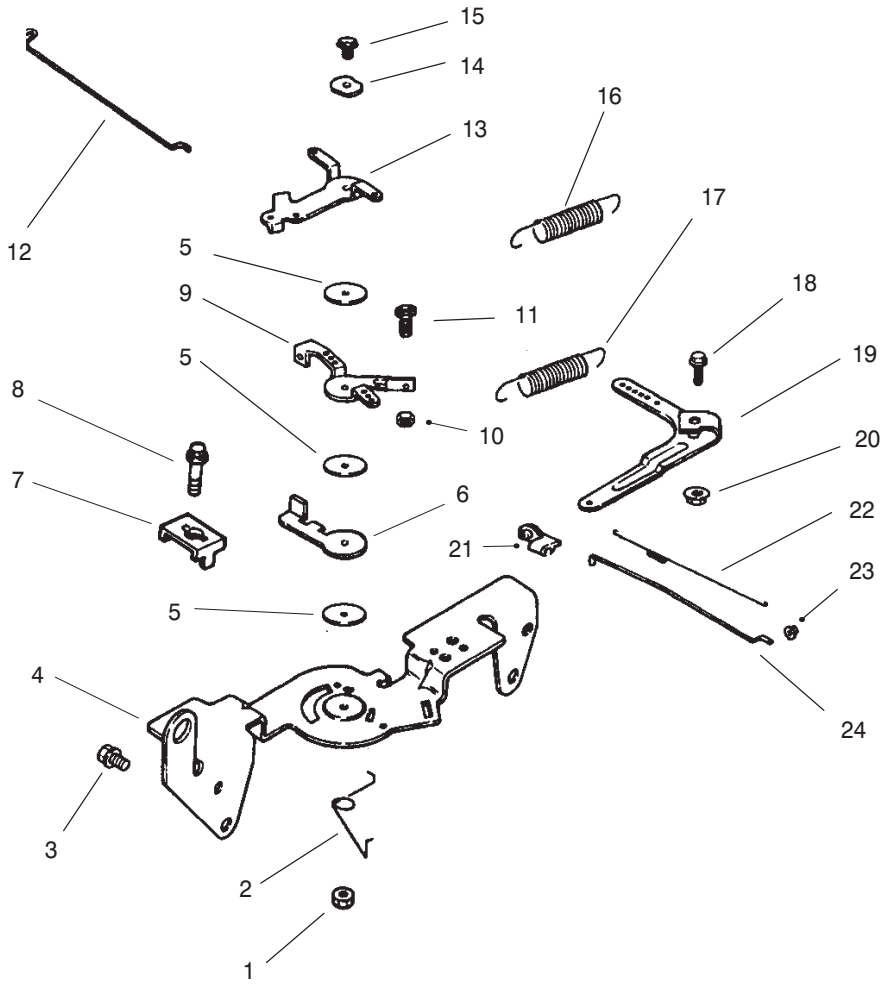
Fuel System Assembly (Continued)
(Engine: Kohler CH25S PS–68606)

Ref. No.	Part No.	Qty.	Description
43	24 089 11	1	Spring–Adjustment, Idle
44	24 368 01	1	Needle–Adjustment, Idle
*	24 757 03	1	Kit–Repair, Carburetor
*	24 757 07	1	Kit–Repair, Choke (Incl. Ref.# 17)
*	24 173 02	1	Cap–Lever, Choke

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

*Not Illustrated
†For Information Only–Not Available Separately
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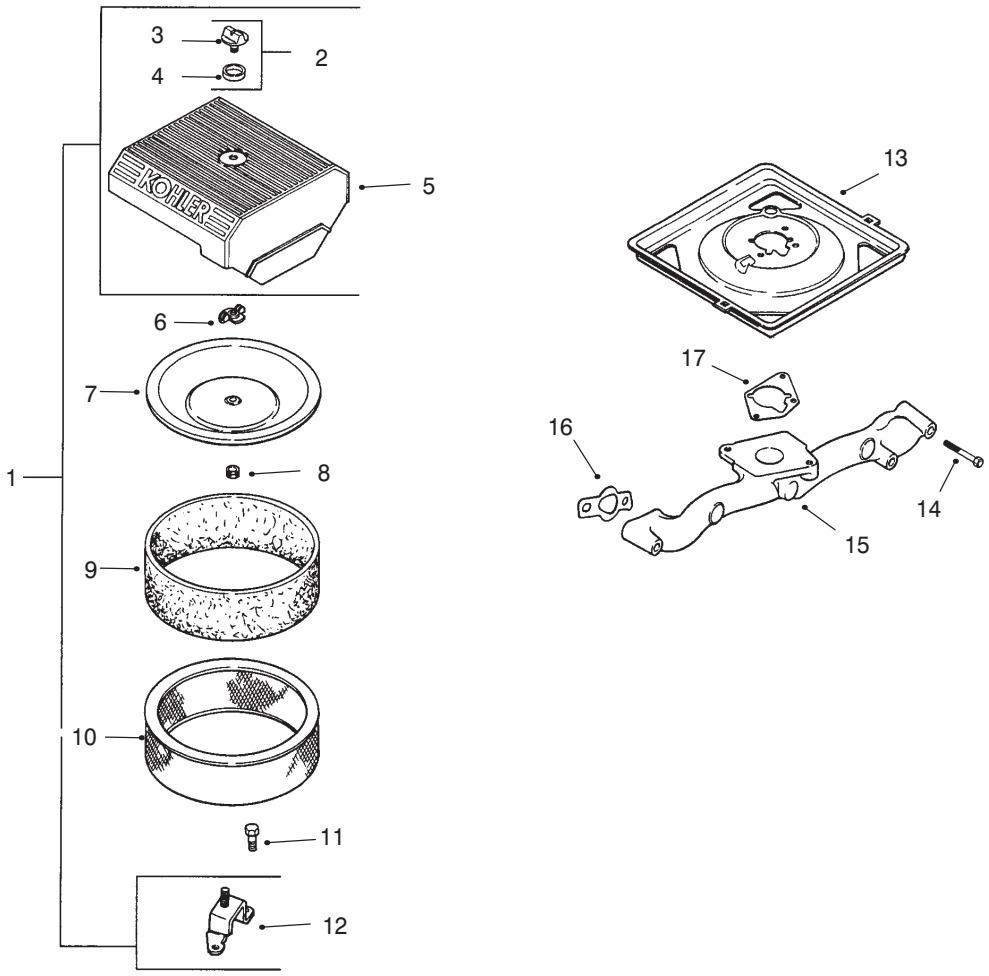


Engine Controls Assembly (Engine: Kohler CH25S PS–68606)

Ref. No.	Part No.	Qty.	Description
1	M–0547050	1	Nut–Lock, Hex
2	24 089 03	1	Spring–Return, Choke
3	M–0645016	4	Screw–HF
4	24 126 56	1	Bracket–Control
5	24 468 01	3	Washer–Plain
6	24 090 07	1	Lever–Actuator, Throttle
7	12 237 01	2	Clamp–Cable
8	M–0545016	2	Screw–HF
9	24 090 03	1	Lever–Control, Throttle
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–HF
16	24 089 38	1	Spring–Limiter, Throttle
17	24 089 15	1	Spring–Governor
18	SM–0642025	1	Screw–HF
19	24 090 14	1	Lever–Governor
20	M–0641060	1	Nut–HF
21	25 158 11	1	Bushing–Retaining, Linkage
22	24 089 01	1	Spring–Linkage
23	25 158 08	1	Bushing–Retaiing, Linkage
24	24 079 01	1	Linkage–Throttle

PROTOTYPE

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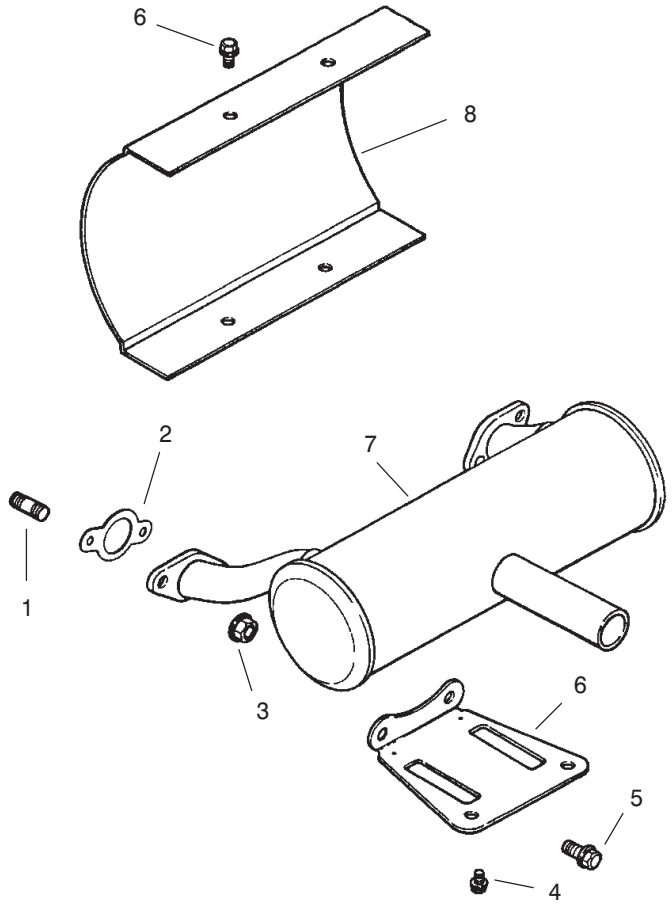
Air Intake/Filtration Assembly (Engine: Kohler CH25S PS–68606)

Ref. No.	Part No.	Qty.	Description
1	24 753 05	1	Kit–Cleaner, Air (Incl. Ref.# 2–5, 12)
2	54 755 01	1	Kit–Knob, Air Cleaner (Incl. Ref.# 3, 4)
3	25 341 03	1	Knob–Cover
4	24 153 15	1	O–Ring
5	24 096 24	1	Cover–Cleaner, Air
6	12 100 01	2	Wingnut
7	24 096 01	1	Cover–Air Cleaner, Inner
8	230046	1	Seal–Air Cleaner, Inner
9	24 083 05	1	Precleaner–Element
10	24 083 03	1	Element–Cleaner, Air
11	M–0645016	3	Screw–HF
12	24 126 43	1	Bracket–Base, Air Cleaner
13	24 094 11	1	Base–Cleaner, Air
14	M–0651055	4	Screw–HF
15	24 164 14	1	Manifold–Intake
16	24 041 01	2	Gasket–Manifold, Intake
17	24 041 06	1	Gasket–Base, Air Cleaner

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Obtain parts from Kohler



Exhaust Assembly
(Engine: Kohler CH25S PS–68606)

Ref. No.	Part No.	Qty.	Description
1	25 072 04	4	Stud
2	24 041 02	2	Gasket–Exhaust
3	M–0841080	4	Nut–HF
4	M–0650012	4	Screw–HF
5	M–0839020	2	Screw
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	Block–Short
*	24 782 01	1	Miniblock
*	54 755 23	1	Set–Gasket

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

*Not Illustrated
Obtain parts from Kohler



PROTOTYPE