Form No. 3324–306 REV. A

TORO®

Z Master®

with Mower and Bagger

Model No. 74189 – 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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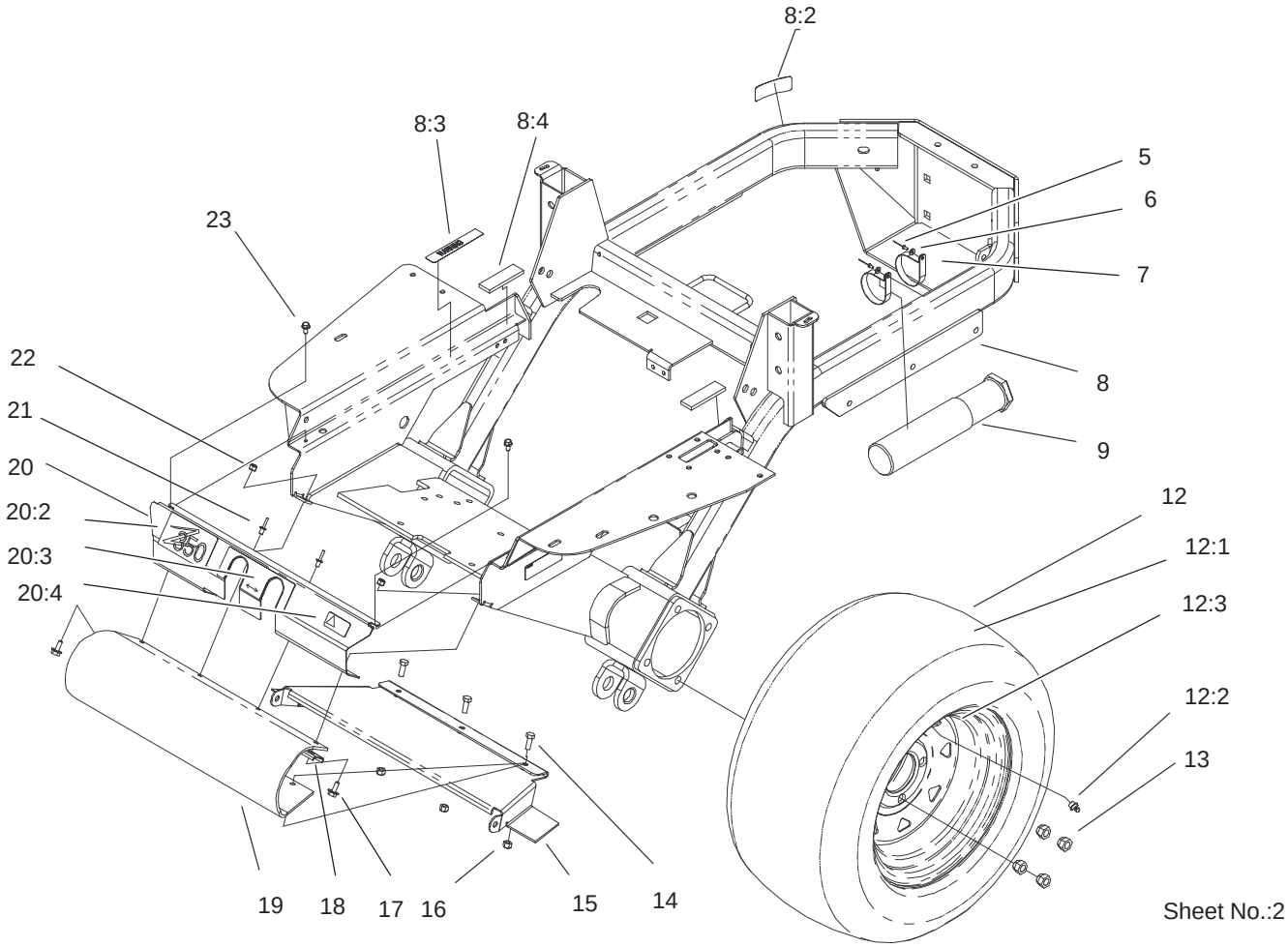
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Part Description Abbreviations

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
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

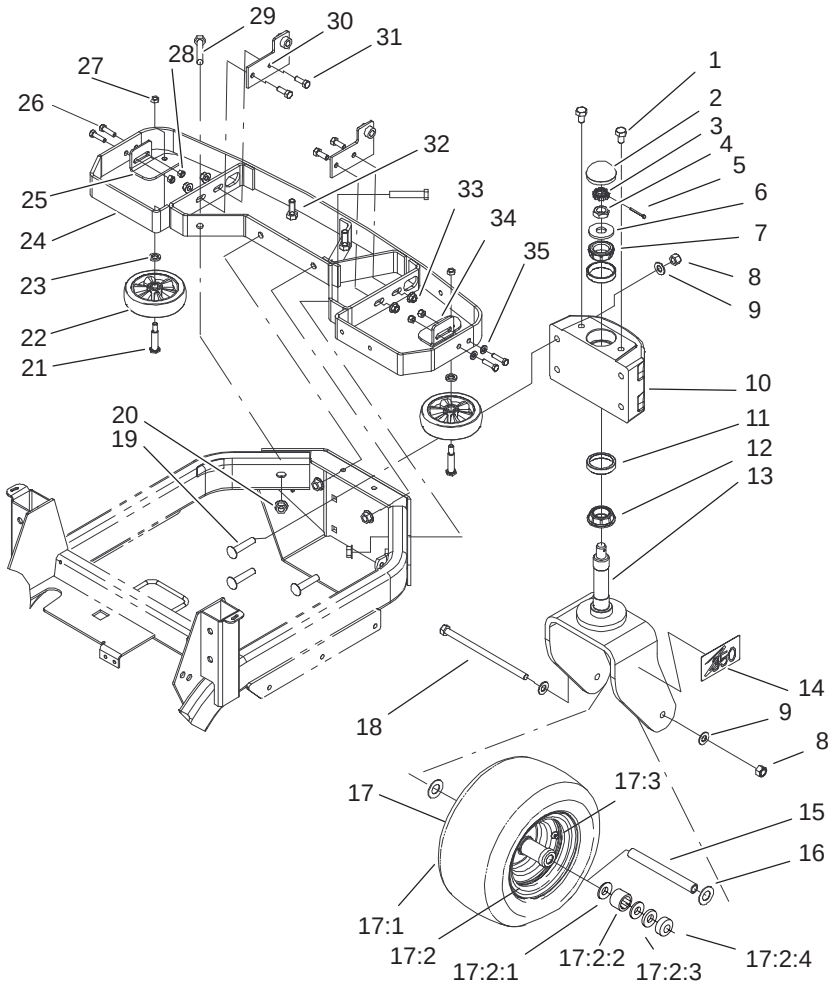


Sheet No.:2

Traction Frame Assembly

Ref. No.	Part No.	Qty.	Description
5	3269–8	2	Rivet
6	3256–21	2	Washer–Flat
7	2412–120	2	R–Clamp
8	94–9598	1	Frame ASM w/ Decals
8:2	93–9198	1	Decal – Hot Surface
8:3	98–4361	1	Decal – Warning
8:4	52–5260	2	Rubber Pad
9	74–0720	1	Tube–Manual
12	94–9381	2	Tire And Wheel ASM
12:1	94–9388	1	Tire
12:2	232–27	1	Stem–Valve
12:3	94–9385	1	Wheel
13	242–50	8	Nut–Lug
14	322–4	3	Screw–HH
15	100–9614–01	1	Cover – Driveshaft
16	3296–29	3	Nut–Lock, NI
17	3234–4	2	Screw–HHF
18	100–9620–03	1	Bracket – Guard
19	100–9619	1	Guard – Footrest
20	104–2401	1	Cover Plate ASM w/ Decals
20:2	100–7790	1	Decal – Z355
20:3	98–1313	1	Decal – Operation
20:4	98–4387	1	Decal–Protection, Ear
21	3290–412	2	Rivet

Ref. No.	Part No.	Qty.	Description
22	3296–42	2	Nut–Lock
23	32144–4	2	Screw–HH

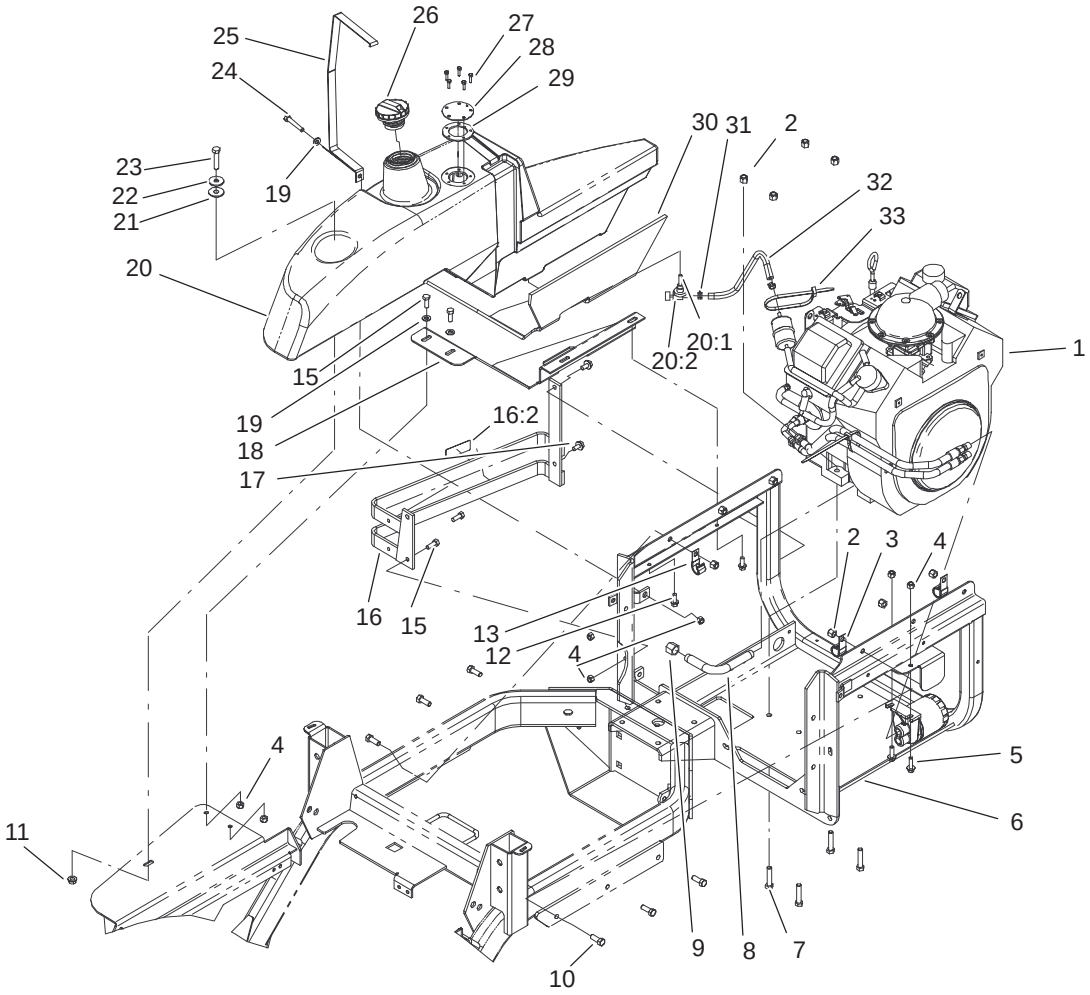


Sheet No.:3

Tail, Wheel and Bumper Assembly

Ref. No.	Part No.	Qty.	Description
1	325–2	2	Screw–HH
2	94–4665	1	Dustcap
3	93–0307	1	Nut Retainer–Lock
4	3220–7	1	Nut–Jam
5	3272–17	1	Pin–Cotter
6	3256–8	1	Washer–Flat
7	254–62	1	Roller Brg Cone
8	3296–23	5	Nut–Lock, NI
9	3256–26	6	Washer–Flat
10	94–9489–01	1	Housing – Spindle
11	254–61	2	Cup–Bearing
12	254–70	1	Cone–Bearing
13	94–4647–01	1	Caster Fork ASM
14	100–7790	1	Decal – Z355
15	94–4753	1	Tube – Spacer,Castor
16	3256–39	2	Washer–Flat
17	98–4352	1	Tire And Wheel ASM
17:1	94–9384	1	Tire
17:2	98–4351	1	Wheel ASM
17:2:1	99–0246	4	Washer–Stop
17:2:2	99–0247	2	Bearing–Roller
17:2:3	99–0248	2	Seal–Felt
17:2:4	99–0249	2	Cap–End
17:3	232–27	1	Stem–Valve
18	325–24	1	Screw–HH
19	3233–27	4	Screw–CARR

Ref. No.	Part No.	Qty.	Description
20	32128–23	4	Nut–HF
21	5188	2	Bolt–Shoulder
22	109375	2	Wheel ASM
23	9202424	2	Spacer
24	104–0358–03	1	Bumper ASM
25	100–7772–03	1	Bracket – Roller, RH
26	322–6	4	Screw–HH
27	32153–2	2	Nut–Lock
28	32128–20	4	Nut–HF
29	325–11	2	Screw–HH
30	100–9613–03	2	Pivot Plate ASM
31	323–6	4	Screw–HH
32	325–5	2	Screw–HH
33	32128–21	4	Nut–HF
34	100–7779–03	1	Bracket – Roller, LH
35	3256–23	2	Washer–Flat

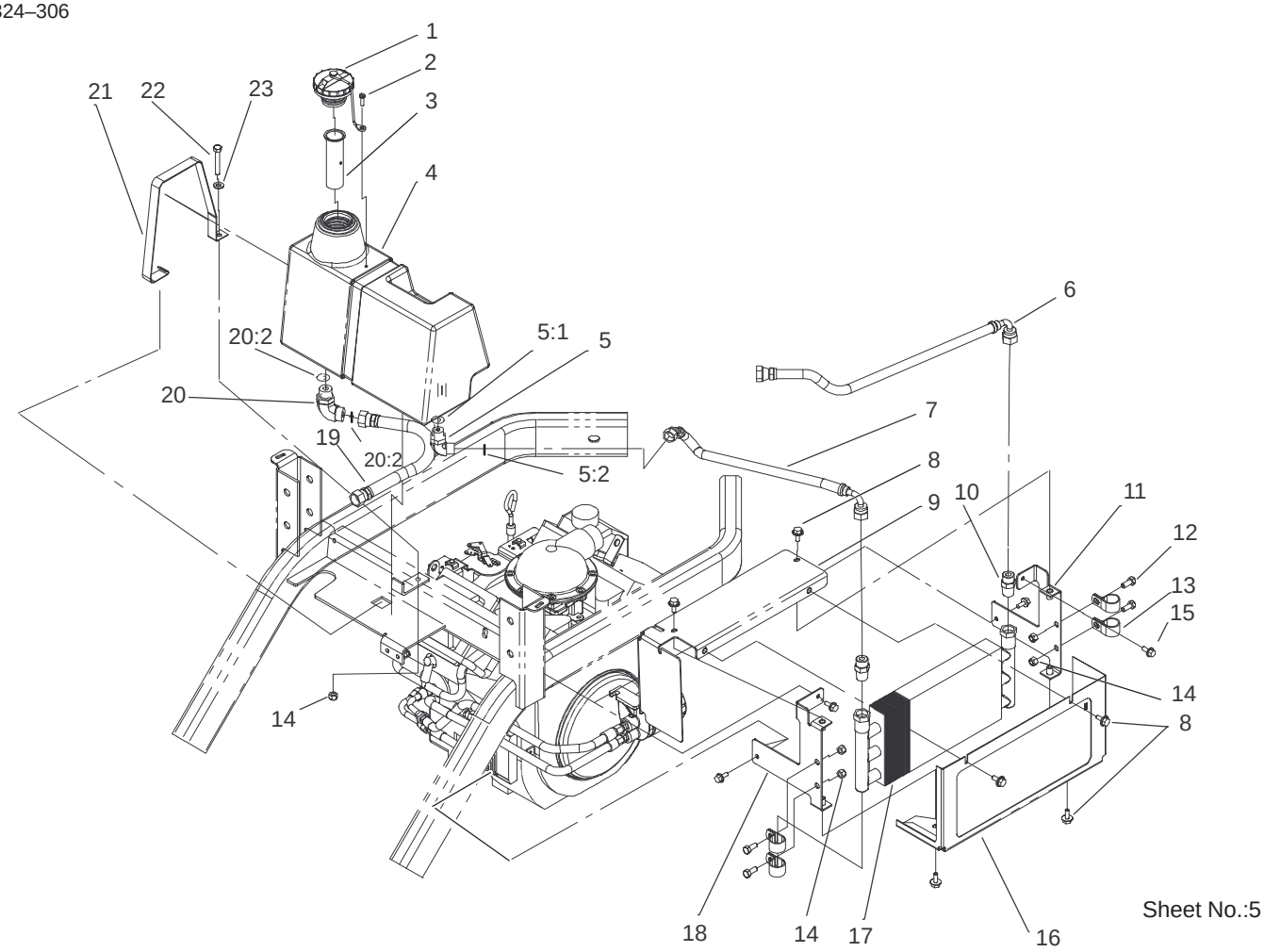


Sheet No.:4

Engine and Fuel Assembly

Ref. No.	Part No.	Qty.	Description
1		1	Engine–Kohler, Ch25s Ps–68656
2	3296–39	10	Nut–Lock, NI
3	94–9580	2	Clamp – J
4	3296–29	7	Nut–Lock, NI
5	3234–17	2	Screw–HHF
6	94–4618–03	1	Engine Support ASM
7	323–9	4	Screw–HH
8	94–9499	1	Tube – Oil Drain
9	288–4	1	Pipe Cap
10	323–6	6	Screw–HH
11	3290–357	1	Nut–Flange, Lock
12	32144–11	2	Screw–TAP
13	8830	1	Clip
15	322–4	4	Screw–HH
16	98–1995	1	Bumper ASM
16:1	93–9198	1	Decal–Hot Surface
17	32144–14	2	Screw–HWH
18	94–4798–01	1	Plate – Tank Support
19	3256–23	3	Washer–Flat
20	94–9553	1	Fuel Tank ASM
20:1	104047	1	Bushing
20:2	104048	1	Valve–Fuel
21	240–11	1	Grommet–Mount, Tank
22	63–8410	1	Washer

Ref. No.	Part No.	Qty.	Description
23	323–9	1	Screw–HH
24	322–10	1	Screw–HH
25	94–4799–03	1	Strap – Fuel Tank
26	93–3101	1	Cap–Fuel
27	3250–29	5	Screw–PPH
28	94–9597–03	1	Cover–Fuel Tank Opening
29	62–7650	1	Gasket
30	98–1319	1	Foam – Fuel Tank
31	2412–98	2	Clamp
32	98–0976	1	Hose – Gas
33	3290–378	2	Tie–Cable

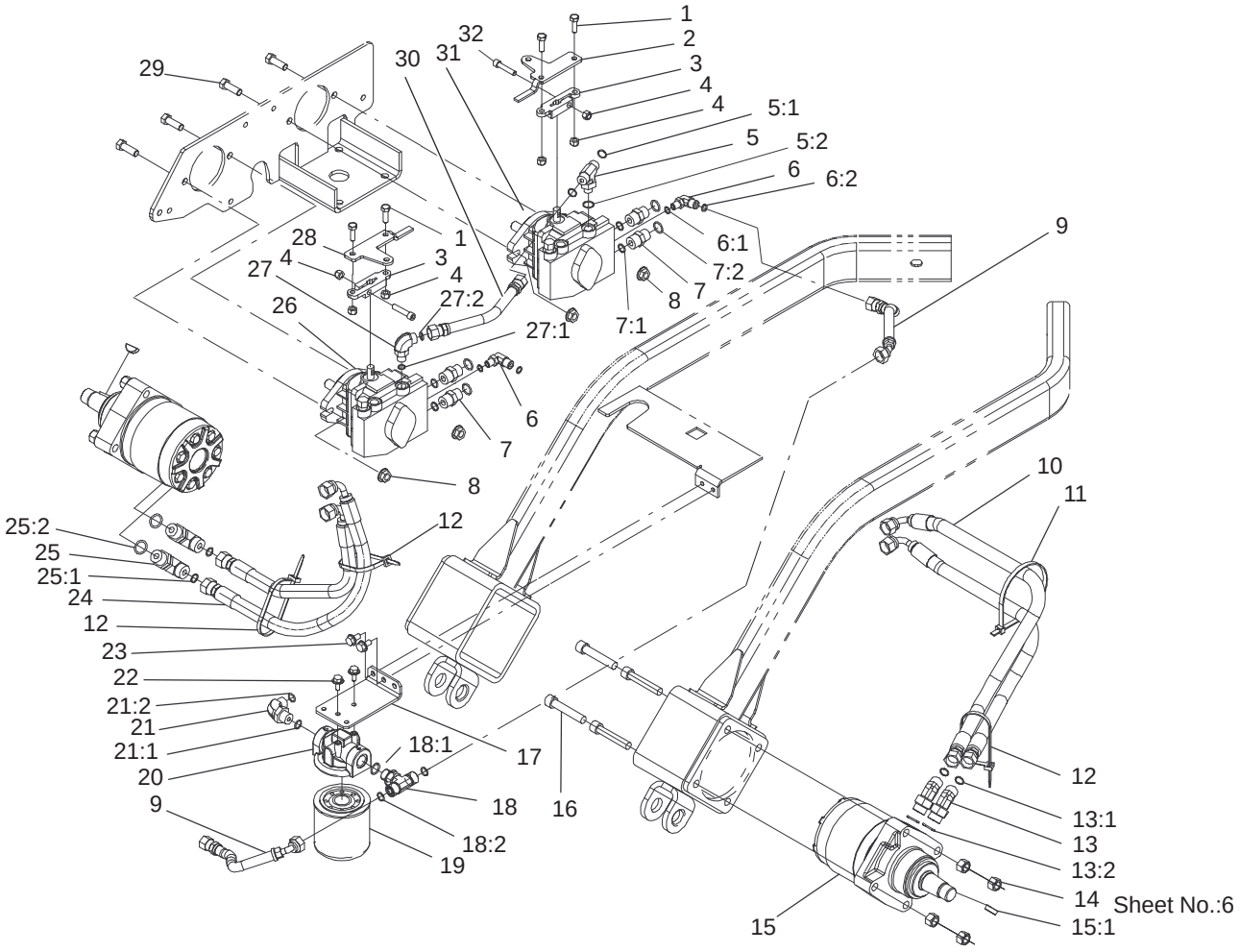


Sheet No.:5

Hydraulic Oil Cooler Assembly

Ref. No.	Part No.	Qty.	Description
1	93–4365	1	Cap–Oil
2	3290–126	1	Screw
3	92–1705	1	Filter–Screen
4	94–4700	1	Tank – Hydraulic
5	340–98	1	Fitting–Hyd, 90°
5:1	237–79	1	O–Ring
5:2	237–30	1	O–Ring
6	94–4709	1	Hydraulic Hose ASM
7	94–4713	1	Hydraulic Hose ASM
8	3234–4	6	Screw–HHF
9	98–1969–03	1	Cooler Shroud ASM
10	93–5107	2	Fitting – Adapter
11	98–1972–03	1	Rear Cooler Bracket ASM
12	322–3	4	Screw–HH
13	2412–39	4	Clamp–R
14	3296–29	5	Nut–Lock, NI
15	32144–10	2	Screw–HWH
16	94–9556–03	1	Cooler Shroud ASM
17	24–0760	1	Cooler ASM
18	98–1970–03	1	Front Cooler Bracket ASM
19	94–4710	1	Hydraulic Hose ASM
20	340–105	1	Fitting–Hyd., 90°
20:1	237–30	1	O–Ring
20:2	237–80	1	O–Ring

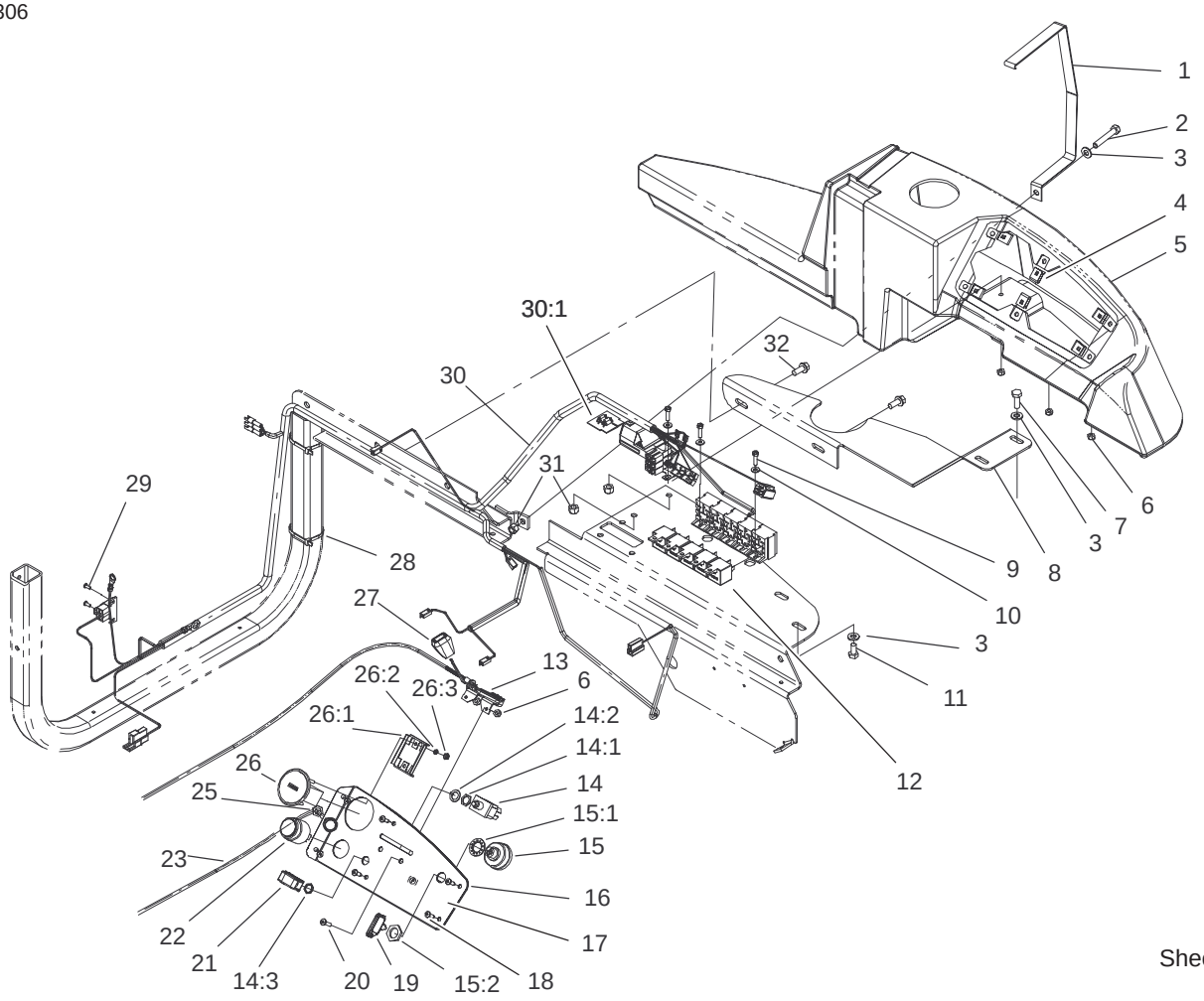
Ref. No.	Part No.	Qty.	Description
21	94–4642–03	1	Strap – Hydraulic Tank
22	322–10	1	Screw–HH
23	3256–23	1	Washer–Flat



Hydraulic Assembly

Ref. No.	Part No.	Qty.	Description
1	322–5	4	Screw–HH
2	94–4702–03	1	Plate – Control, Left
3	94–4678	2	Arm – Pump Control
4	3296–29	6	Nut–Lock, NI
5	340–94	1	Adapter
6	340–97	2	Fitting–90°
6:1	237–22	1	O–Ring
6:2	237–78	1	O–Ring
7	340–4	4	Adapter
7:1	237–30	1	O–Ring
7:2	237–79	1	O–Ring
8	32128–42	4	Nut–HF
9	98–4384	2	Hydraulic Hose ASM
10	94–4714	2	Hydraulic Hose ASM
11	3334–945	1	Tie–Cable
12	3290–378	3	Tie–Cable
13	340–89	2	Fitting–45°
13:1	237–30	1	O–Ring
13:2	237–80	1	O–Ring
14	3296–23	8	Nut–Lock, NI
15	94–4640	2	Motor – Hydraulic Wheel
15:1	3257–42	1	Key–Woodruff
16	3274–93	8	Screw–HSH
17	94–9525–03	1	Angle–Mount, Hyd Filter

Ref. No.	Part No.	Qty.	Description
18	340–157	1	Fitting–Hydraulic
18:1	237–79	1	O–Ring
18:2	237–30	2	O–Ring
19	67–8110	1	Cartridge – Filter, Oil
20	86–9080	1	Filter Head
21	340–98	1	Fitting–Hyd, 90°
21:1	237–79	1	O–Ring
21:2	237–30	1	O–Ring
22	3234–4	2	Screw–HHF
23	32144–14	2	Screw–HWH
24	94–4705	2	Hydraulic Hose ASM
25	340–105	2	Fitting–Hyd., 90°
25:1	237–30	1	O–Ring
25:2	237–80	1	O–Ring
26	98–4375	1	Pump – Hydraulic
27	340–77	1	Fitting–Hyd., 90°
27:1	237–22	1	O–Ring
27:2	237–42	1	O–Ring
28	94–4701–03	1	Plate – Control, Right
29	324–5	4	Screw–HH
30	94–4712	1	Hydraulic Hose ASM
31	98–4374	1	Pump – Hydraulic
32	3274–83	2	Screw–HSH

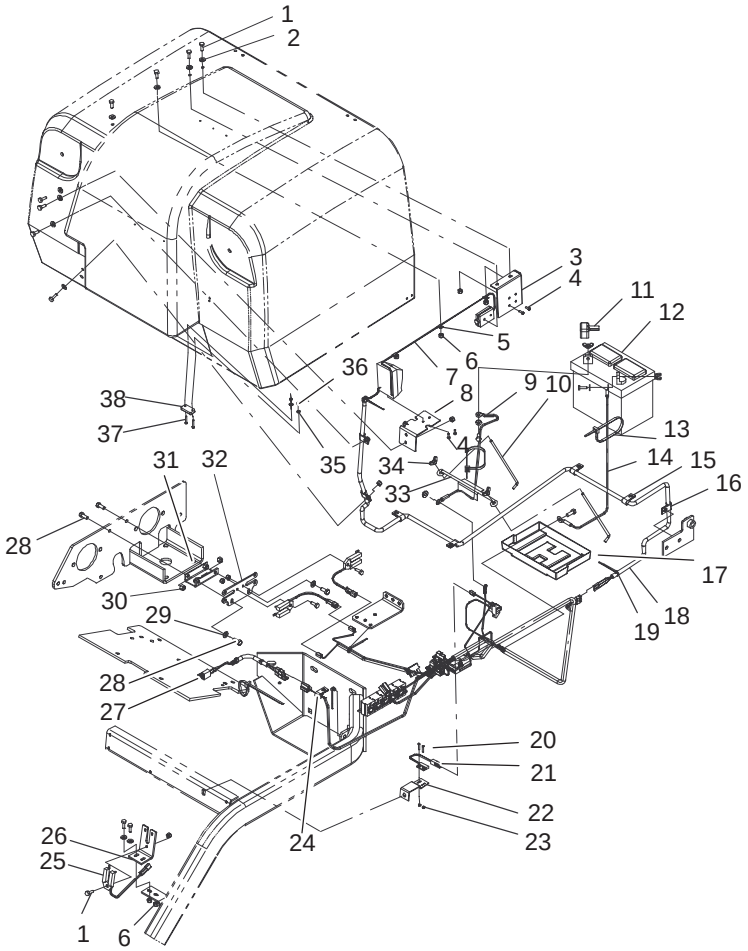


Sheet No.:7

Electrical Assembly

Ref. No.	Part No.	Qty.	Description
1	94–9488–03	1	Strap – Console
2	322–10	1	Screw–HH
3	3256–23	5	Washer–Flat
4	95–1962	6	Clip – Tinnerman
5	104–0365	1	Console
6	3296–2	5	Nut–Lock
7	322–4	2	Screw–HH
8	100–7792–01	1	Plate – Support, Console
9	32105–13	3	Screw–Shh
10	3256–14	3	Washer–Flat
11	322–2	2	Screw–HH
12	116397	5	Relay, Spdt
13	98–4350	1	Throttle Control ASM
14	92–9811	1	Switch – Toggle, Sealed
14:1	105805	1	Nut–Hex Special
14:2	102950	1	Washer Tab
14:3	113179	1	Nut–Hex
15	111216	1	Ignition Switch ASM
15:1	9201604	1	Lockwasher
15:2	101884	1	Nut
16	98–1999–03	1	Panel – Instrument
17	98–4357	1	Decal – Instrument
18	32144–124	6	Screw – PPH, Type Ab

Ref. No.	Part No.	Qty.	Description
19	62–7770	2	Key–Ignition
20	3250–13	2	Screw–PPH
21	113050	1	Cover–PTO Switch
22	80–9330	1	Alarm – Audio
23	98–1956	1	Control – Choke
25	3220–3	1	Nut–Jam
26	78–0020	1	Hour–Meter
26:1	78–3320	1	Clamp–Hour Meter
26:2	3255–25	2	Washer–Lock/Ext
26:3	3217–27	2	Nut–Hex
27	66–0120	1	Knob
28	3290–379	2	Tie–Cable
29	32144–74	2	Screw–TAP
30	98–3317	1	Harness
30:1	92–3188	1	Diode – Circuit Board
31	3296–29	3	Nut–Lock, NI
32	32144–11	2	Screw–TAP

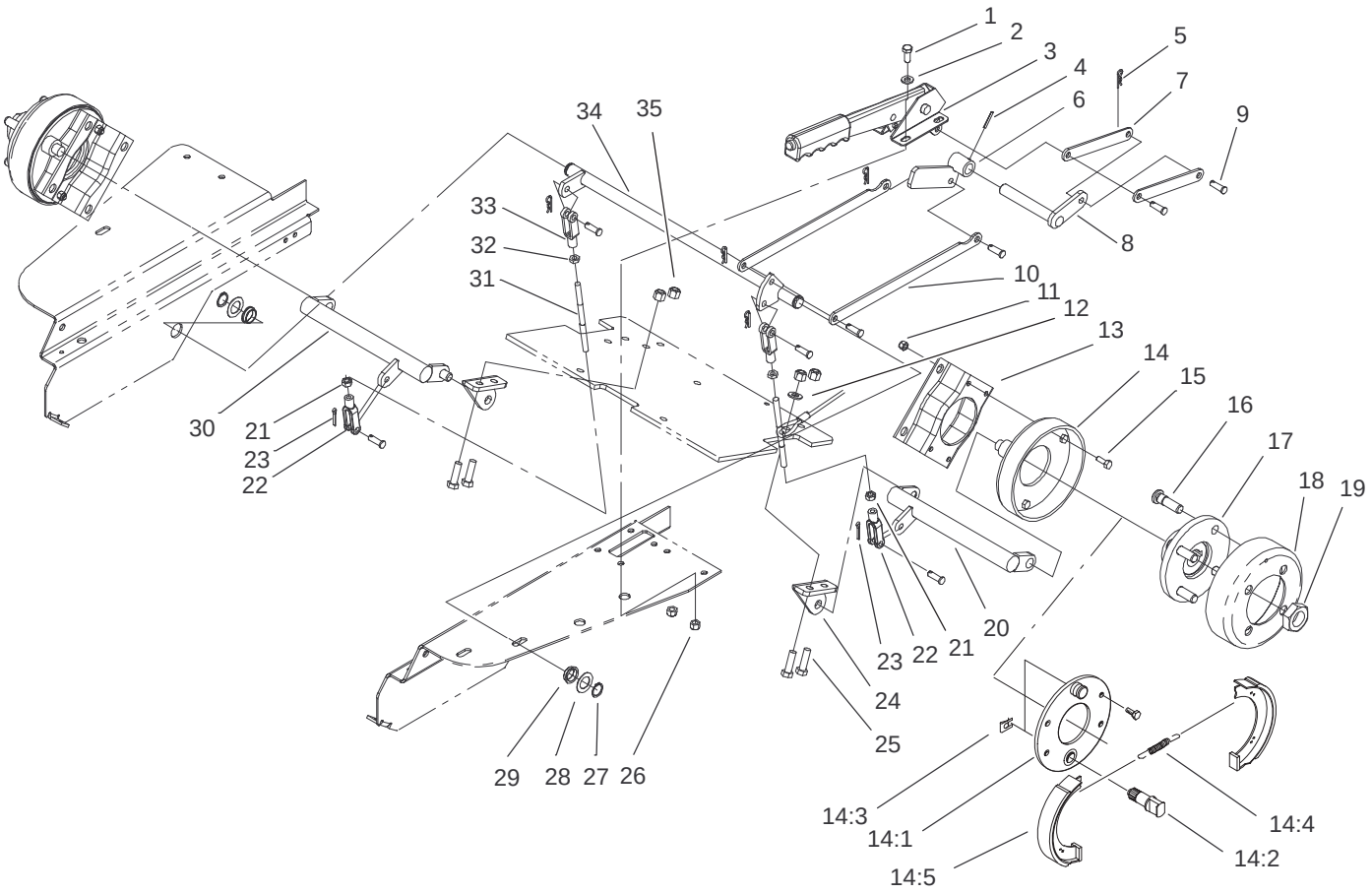


Sheet No.:8

Electrical Assembly #2

Ref. No.	Part No.	Qty.	Description
1	321–4	15	Screw–HH
2	3256–22	12	Washer–Flat
3	100–2440–03	1	Bracket – Emitter
4	3250–19	4	Screw–PPH
5	2412–127	3	Clamp–R
6	3296–42	13	Nut–Lock
7	98–2367	1	Module – Obstruction Det
8	98–3000–03	1	Bracket – Receiver
9	28–3893	1	Wire ASM
10	94–6146	2	Retainer – Battery
11	28–8080	1	Boot–Terminal
12	94–1867	1	Battery
13	3290–378	3	Tie–Cable
14	92–6287	1	Wire ASM – Negative
15	2412–93	6	R–Clamp
16	2412–138	1	R–Clamp
17	106948	1	Tray–Battery
18	98–3009	1	Conduit – Convoluted
19	3290–381	4	Tie – Cable
20	3290–313	2	Screw – PH
21	95–7669	1	Switch – Reed, Magnetic
22	98–0823–03	1	Bracket – Switch
23	3296–52	2	Nut–Lock NI
24	2412–93	1	R–Clamp

Ref. No.	Part No.	Qty.	Description
25	98–1324	3	Switch – Interrupter
26	94–4696	1	Angle – Mount,Switch
27	98–4373	1	Harness – Seat Adapter
28	322–3	4	Screw–HH
29	3256–23	2	Washer–Flat
30	3296–29	4	Nut–Lock, NI
31	94–4797–03	1	Channel–Mount, Switch
32	94–9460	1	Plate – Switch Mount
33	113010	1	Battery Hold Down
34	32103–22	4	Nut–Wing
35	3256–12	2	Washer–Flat
36	3296–9	2	Nut–Lock NI
37	3290–124	2	Screw–HH
38	98–3006	1	Actuator

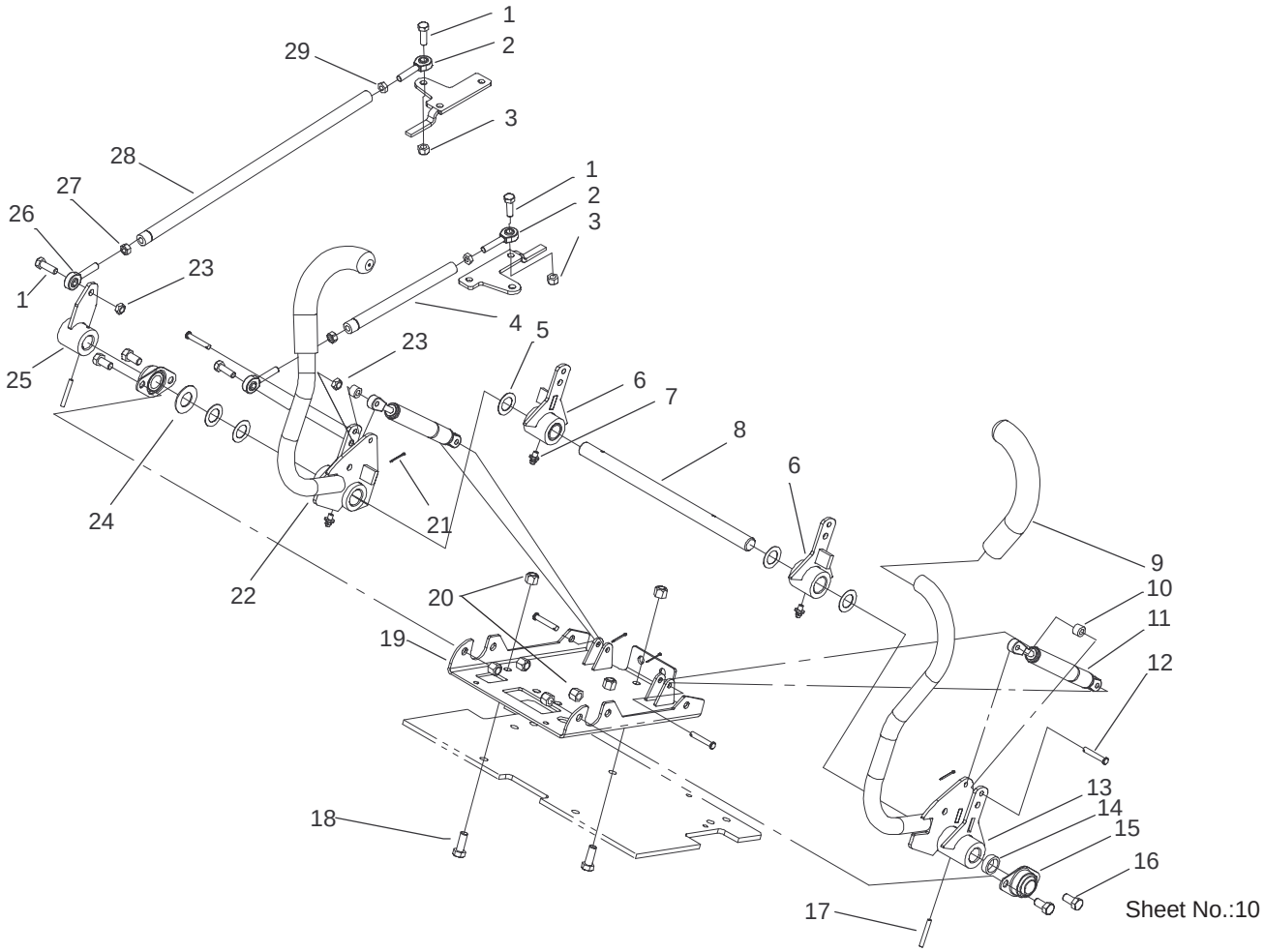


Sheet No.:9

Parking Brake Assembly

Ref. No.	Part No.	Qty.	Description
1	322–3	4	Screw–HH
2	3256–23	4	Washer–Flat
3	94–4602	1	Lever – Brake
4	32121–93	1	Spiral Pin
5	3290–307	6	Pin–Hair
6	98–1994	1	Brake Hub ASM
7	98–1992	2	Link – Brake
8	98–1990	1	Transfer Shaft ASM
9	283–1	8	Pin–Yoke
10	98–1991	2	Link – Connect
11	3296–42	8	Nut–Lock
12	3256–24	1	Washer–Flat
13	84–2000–03	2	Bracket–Brake
14	71–1500	2	Brake ASM
14:1	70–9870	1	Plate–Backing
14:2	70–9860	1	Cam–Brake
14:3	70–9850	1	Clip–Retaining
14:4	70–9880	2	Spring–Return
14:5	70–9840	2	Shoe–Brake
15	321–4	8	Screw–HH
16	85–6540	8	Stud–Drive
17	10–6870–03	2	Hub–Wheel
18	10–6850	2	Drum–Brake
19	26–3790	2	Nut–Lock
20	98–1997	1	LH Brake Lever ASM
21	3220–20	2	Nut–Jam LH

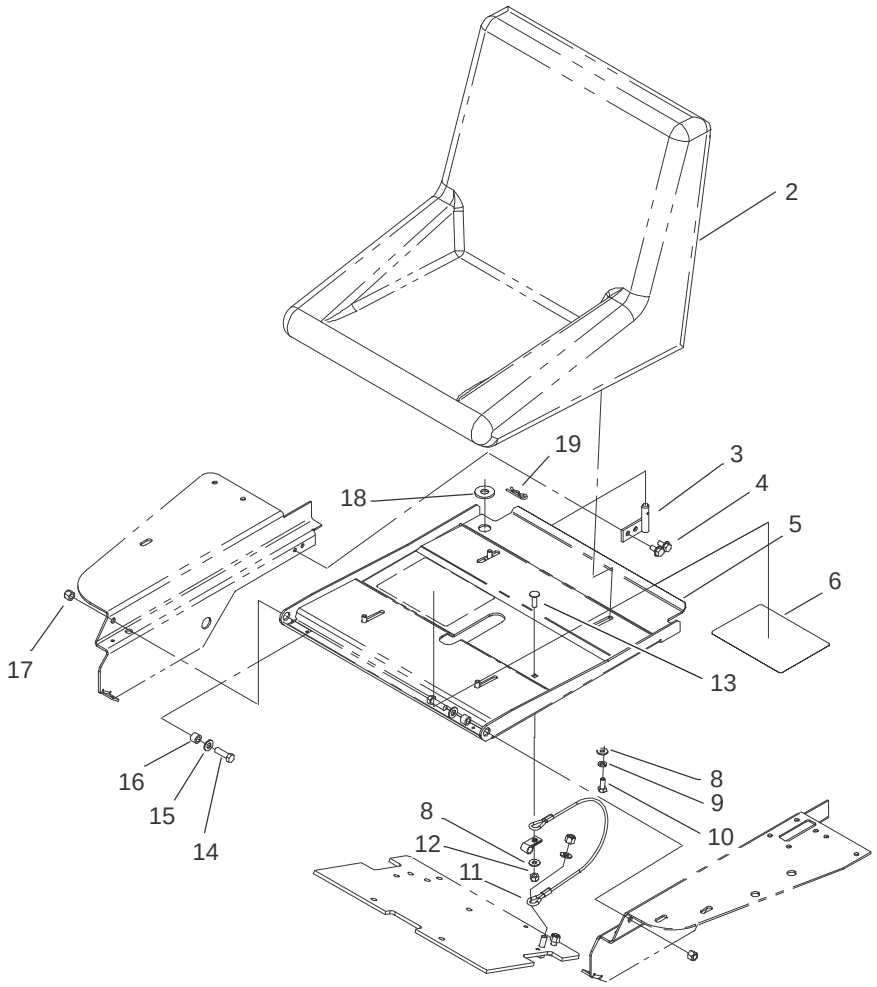
Ref. No.	Part No.	Qty.	Description
22	98–4367	2	Clevis – Adjustable
23	3272–10	2	Pin–Cotter
24	94–9573–01	2	Mount–Lever, Brake RH
25	323–7	4	Screw–HH
26	3296–29	4	Nut–Lock, NI
27	32120–72	2	Ring–Snap
28	9202574	2	Washer–Flat
29	106950	2	Bushing
30	98–1998	1	RH Brake Lever ASM
31	98–1996	2	Rod – Brake
32	3220–2	2	Nut–Jam
33	282–2	2	Yoke
34	98–1988	1	Torsion Shaft ASM
35	3296–39	4	Nut–Lock, NI



Steering Control Assembly

Ref. No.	Part No.	Qty.	Description
1	322–5	4	Screw–HH
2	2411–52	2	Bearing – Rod End, RH
3	3296–29	2	Nut–Lock, NI
4	94–4717	1	Rod – Control, RH
5	9202574	5	Washer–Flat
6	94–9552	2	Center Control ASM
7	302–5	3	Fitting–Lube
8	94–9515	1	Shaft – Control
9	94–9490	2	Grip – Cushion
10	94–9593	2	Spacer – Damper
11	98–4397	2	Damper – Bidirectional
12	283–66	4	Pin–Clevis
13	94–9517–03	1	LH Control Handle ASM
14	94–9524	1	Spacer – Control
15	27–2320	2	Bearing
16	323–4	4	Screw–HH
17	32121–103	2	Pin–Spring
18	323–6	3	Screw–HH
19	94–9591–03	1	Channel Mount ASM
20	3296–39	7	Nut–Lock, NI
21	3272–4	4	Pin–Cotter
22	94–9551	1	RH Control Handle ASM
23	3296–47	2	Nut–Lock, NI

Ref. No.	Part No.	Qty.	Description
24	3256–39	1	Washer–Flat
25	94–9594–03	1	Control Hub ASM
26	2411–53	2	Bearing – Rod End, RH
27	3220–20	2	Nut–Jam LH
28	94–4718	1	Rod – Control, LH
29	3220–2	2	Nut–Jam

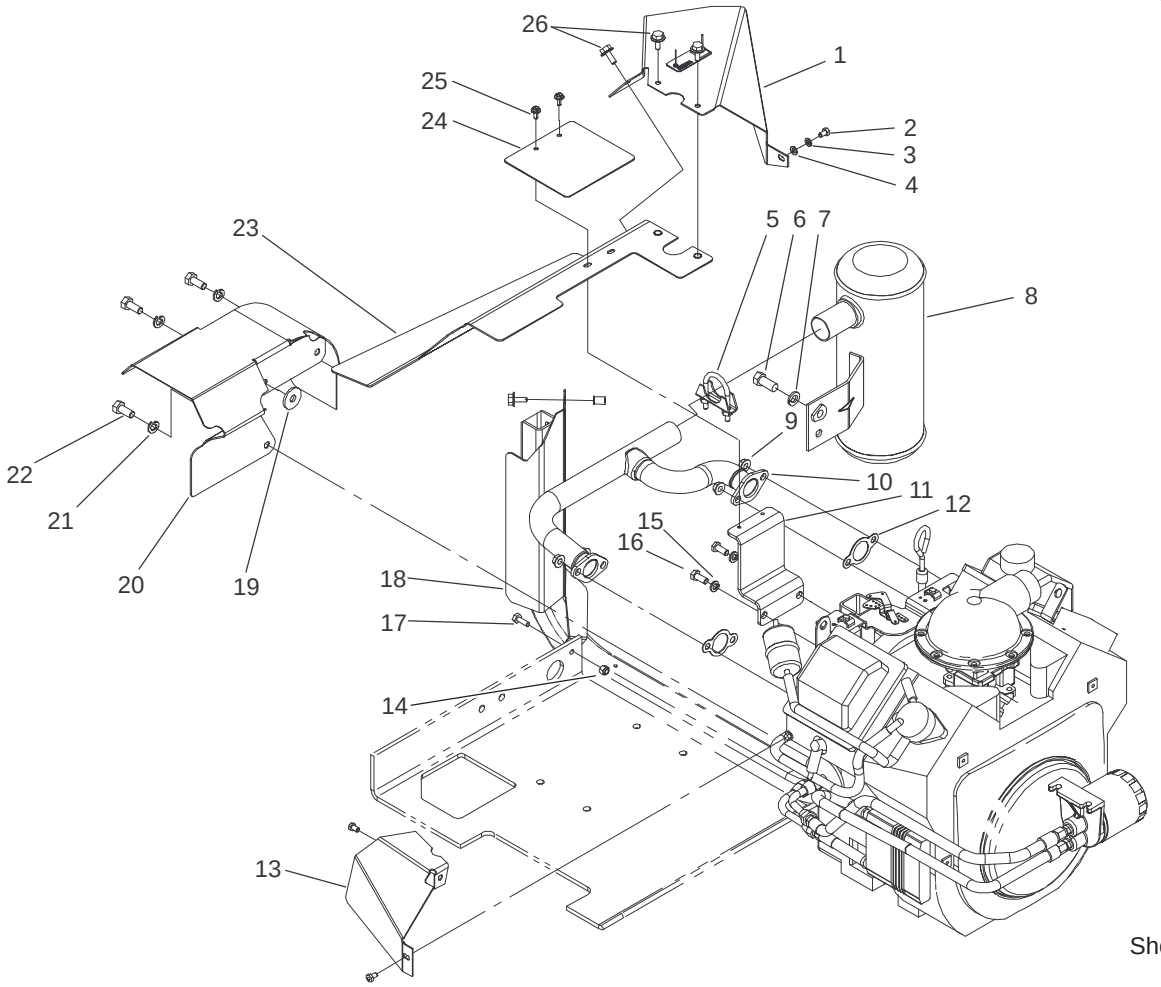


Sheet No.:11

Seat Assembly

Ref. No.	Part No.	Qty.	Description
2	92–6280	1	Seat ASM
3	98–1985	1	Latch ASM
4	32144–14	2	Screw–HWH
5	94–9529–01	1	Seat Plate ASM
6	104–0390	1	Decal – Instructional
8	3256–2	5	Washer–Flat
9	3253–4	4	Washer
10	322–3	4	Screw–HH
11	98–4371	1	Cable – Seat
12	3296–29	1	Nut–Lock, NI
13	3230–2	1	Screw–CARR
14	323–7	2	Screw–HH
15	3256–24	2	Washer–Flat
16	52–2480	2	Spacer–Wheel
17	3296–39	2	Nut–Lock, NI
18	3256–6	1	Washer–Flat
19	3290–355	1	Pin–Hair

Ref. No.	Part No.	Qty.	Description

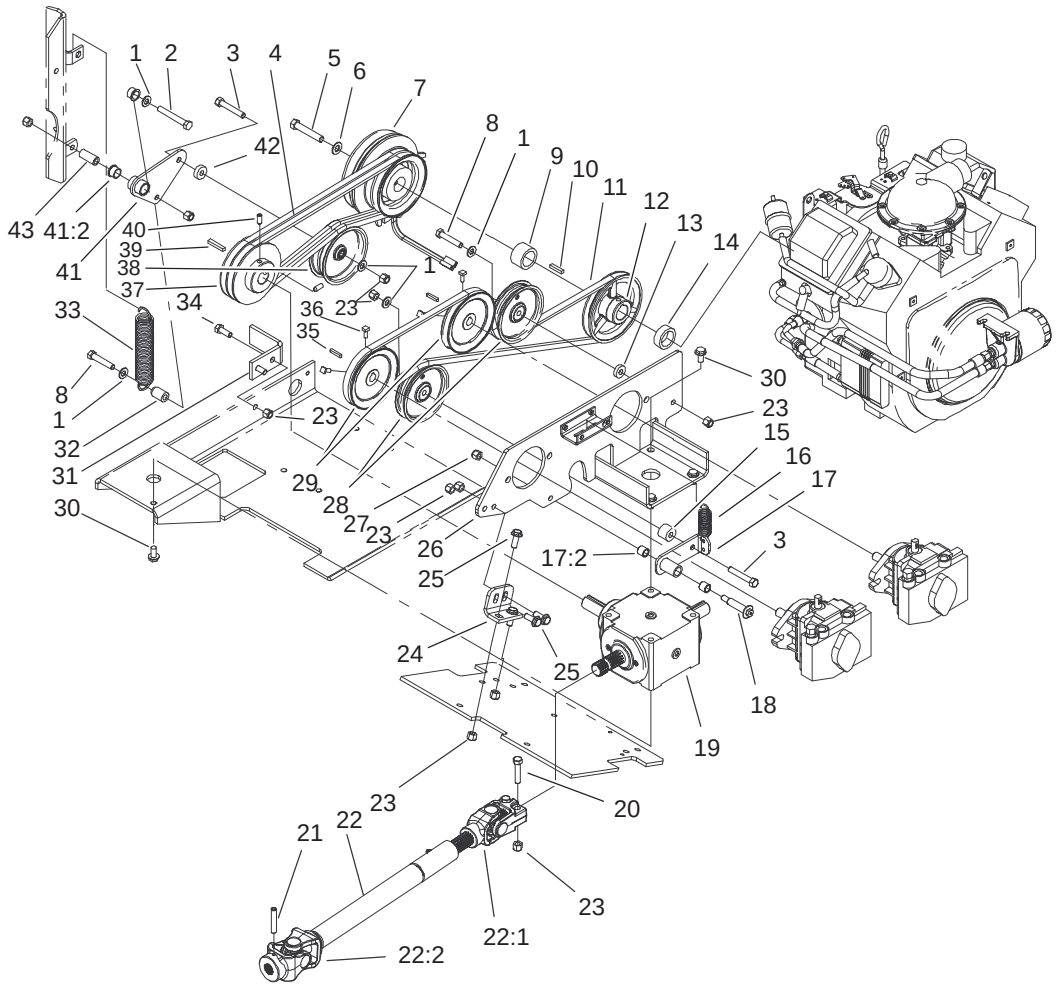


Sheet No.:12

Exhaust Assembly

Ref. No.	Part No.	Qty.	Description
1	98–1968	1	ASM – Rear Heat Baffle
2	42–9430	1	Bolt/Washer
3	48–8020	1	Washer–Spring
4	33093–00	1	Washer–Flat
5	2112–11	1	Clamp–Muffler
6	324–4	1	Screw–HH
7	3253–6	1	Washer–Lock/Sp
8	94–9495	1	Muffler
9	92–6780	4	Nut–Hex Flange
10	94–9494	1	Manifold
11	94–9561	1	Bracket – Manifold Shield
12	93–0350	2	Gasket – Exhaust
13	98–1349	1	Baffle – Heat, Front
14	3296–42	1	Nut–Lock
15	42–9850	2	Washer–Lock, Spring
16	33114–020	2	Screw–HH
17	321–4	1	Screw–HH
18	98–1329	1	Baffle – Heat, Middle
19	2844	1	Washer
20	98–1326	1	Baffle – Heat, Lower
21	3253–5	3	Washer–Lock/Sp
22	323–5	3	Screw–HH
23	98–1967	1	ASM – Top Heat Baffle

Ref. No.	Part No.	Qty.	Description
24	98–1979	1	Panel – Access, Baffle
25	12–5450	2	Screw
26	3234–4	4	Screw–HHF

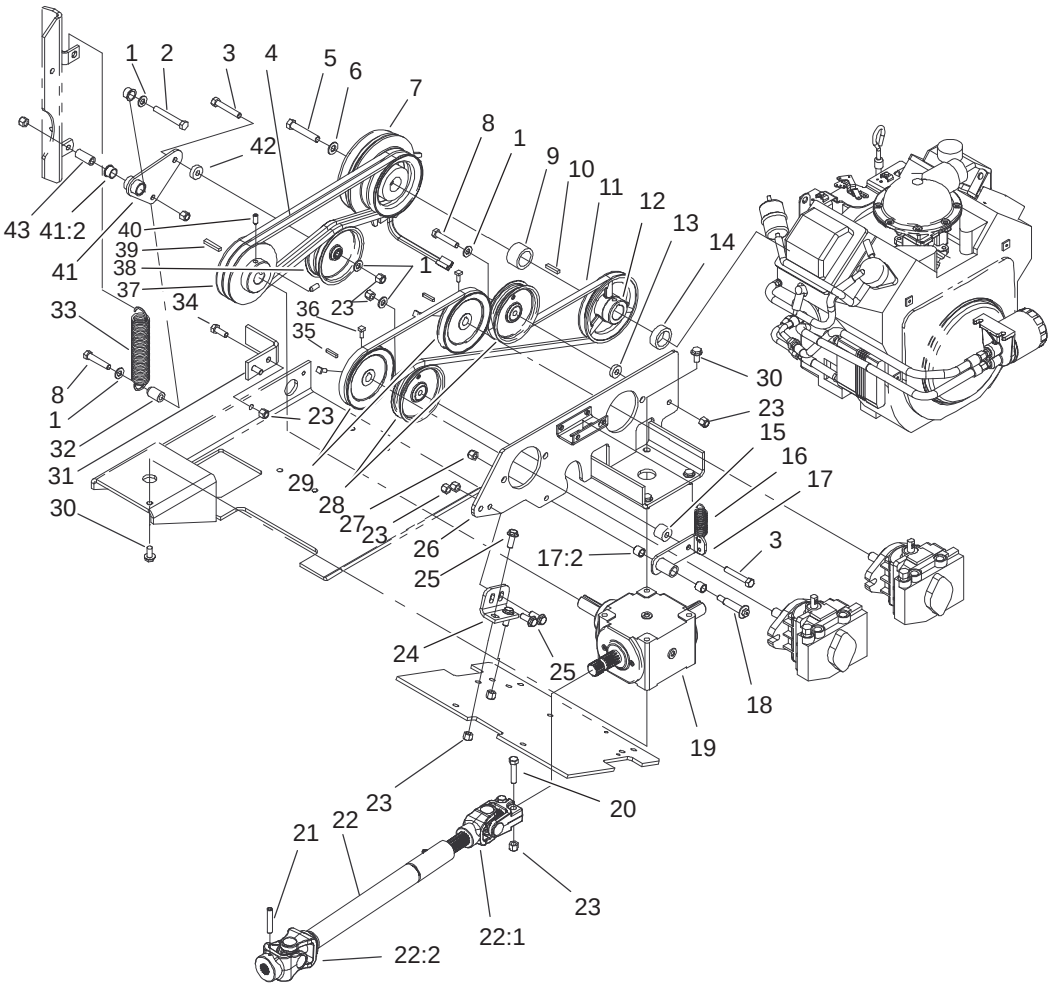


Sheet No.:13

PTO and Hydro Drive Assembly

Ref. No.	Part No.	Qty.	Description
1	3256–24	5	Washer–Flat
2	323–13	1	Screw–HH
3	323–11	2	Screw–HH
4	94–4608	1	V–Belt, Matched Pair
5	3212–10	1	Screw–HH
6	3256–25	1	Washer–Flat
7	94–4632	1	Clutch – Electromagnetic
8	323–10	2	Screw–HH
9	94–4689	1	Spacer – Shaft, Engine
10	5–0698	1	Key
11	94–4607	1	V–Belt
12	94–4628	1	Pulley – Engine
13	9202204	1	Washer
14	94–4688	1	Spacer – Shaft, Engine
15	94–4792	1	Spacer – Idler Arm
16	94–9599	1	Spring – Extension
17	95–1950	1	Idler Arm ASM w/ Bushings
17:2	256–154	2	Bushing
18	27–6230	1	Bolt–Wheel
19	100–5842	1	Gearbox ASM
19:1		1	Gearbox – PTO
19:2	2811–7	1	Elbow

Ref. No.	Part No.	Qty.	Description
20	323–19	2	Screw–HH
21	32121–48	1	Pin–Spring
22	94–4722	1	Shaft – Drive
22:1	100–7765	1	Joint & Shaft Half ASM
22:2	100–7766	1	Joint & Tube Half ASM
23	3296–39	13	Nut–Lock, NI
24	94–4787–03	1	Mount – Plate, Pump
25	3234–11	4	Screw–HHF
26	94–4658–03	1	Pump Mount ASM
27	3296–6	1	Nut–Lock, NI
28	93–1622	2	Pulley–Idler
29	80–8170	2	Pulley – Pump, Traction
30	3234–1	8	Screw–HHF
31	98–1301–03	1	Stop – Clutch
32	95–1967	1	Spacer – Spring
33	88–6460	1	Spring – Extension
34	323–6	2	Screw–HH
35	80–6090	2	Key – Pump
36	3241–5	4	Screw–Set
37	94–4629	1	Pulley – Clutch
38	66–4210	1	Pulley
39	67–7490	1	Key
40	3246–6	2	Screw–Set, HSH
41	95–1968	1	Idler Arm ASM
41:2	109859	2	Bushing

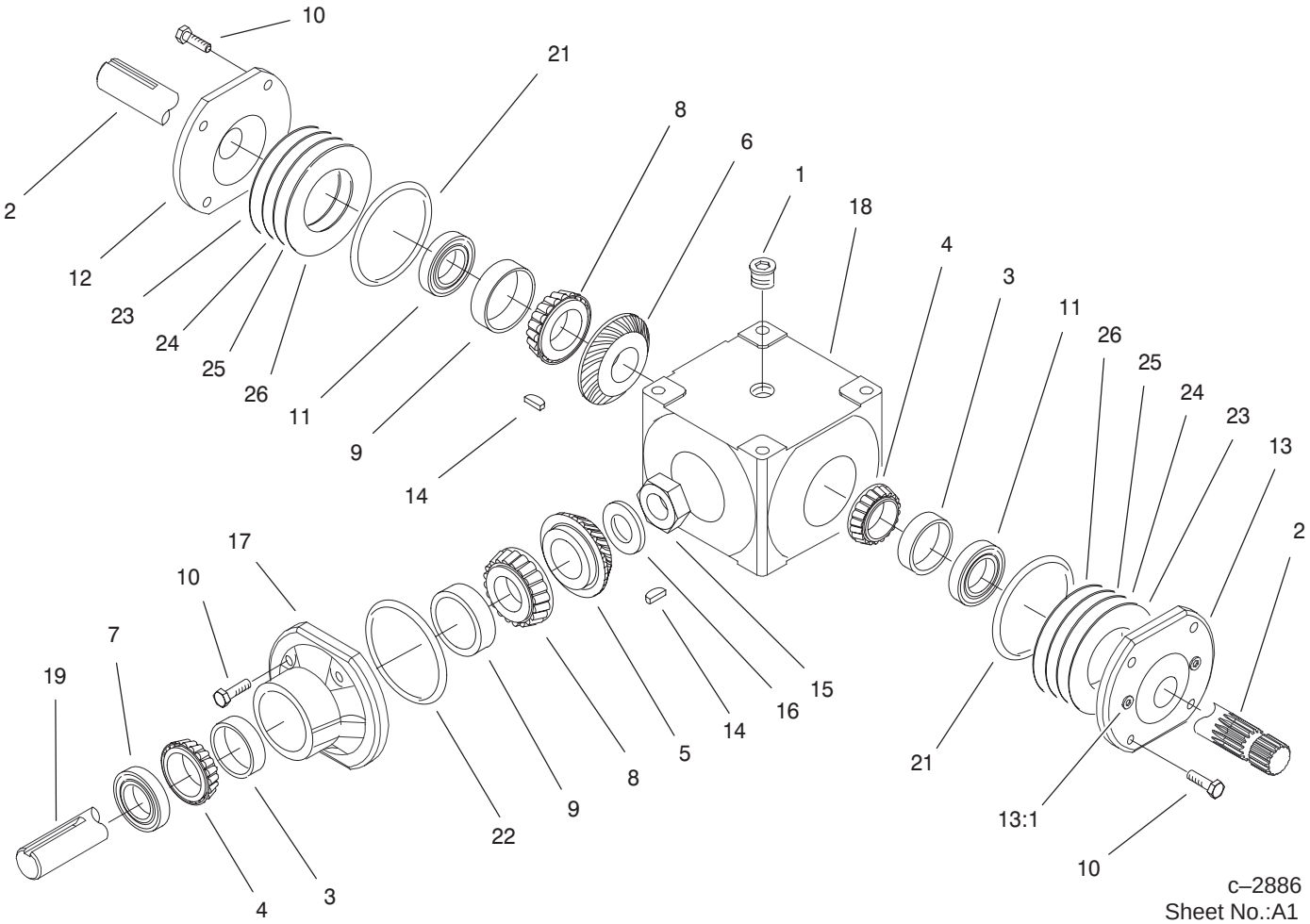


Sheet No.:13

PTO and Hydro Drive Assembly

Ref. No.	Part No.	Qty.	Description
42	94–4685	1	Spacer – Idler
43	114511	1	Spacer

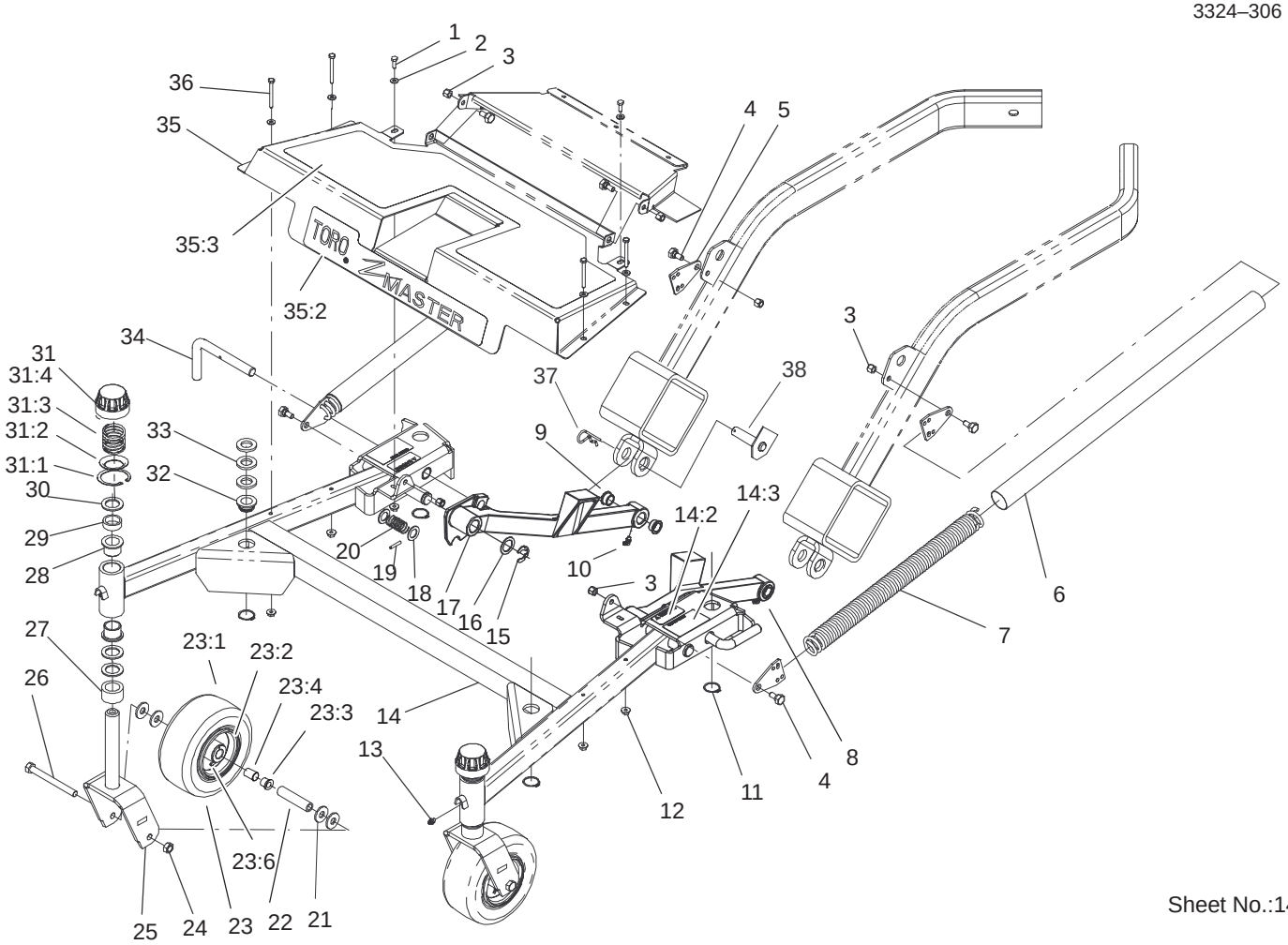
Ref. No.	Part No.	Qty.	Description



Gearcase Assembly No. 100–5842

Ref. No.	Part No.	Qty.	Description
1	100–5812	3	Plug
2	100–5828	1	Shaft – Cross
3	100–4571	2	Cup – Bearing
4	100–4572	2	Cone – Bearing
5	100–5814	1	Gear – Spiral, RH
6	100–5815	1	Gear – Spiral, LH
7	100–4575	1	Seal
8	100–5816	2	Cone – Bearing
9	100–5817	2	Cup – Bearing
10	100–5818	12	Screw–HH
11	100–5819	2	Seal
12	100–5820	1	Cap – End
13	100–5821	1	End Cap w/ Drain Plugs
14	100–5822	2	Key
15	100–5823	1	Nut – Lock
16	100–5824	1	Washer
17	100–5825	1	Housing – Pinion
18	100–5826	1	Case
19	100–5827	1	Shaft – Pinion
20	100–4583	2	Plug
21	100–5847	2	O–Ring
22	100–5848	1	O–Ring
23	100–7757	1	Shim – Green
24	100–7758	1	Shim – Blue

Ref. No.	Part No.	Qty.	Description
25	100–7759	1	Shim – Brown
26	100–7760	1	Shim – Yellow



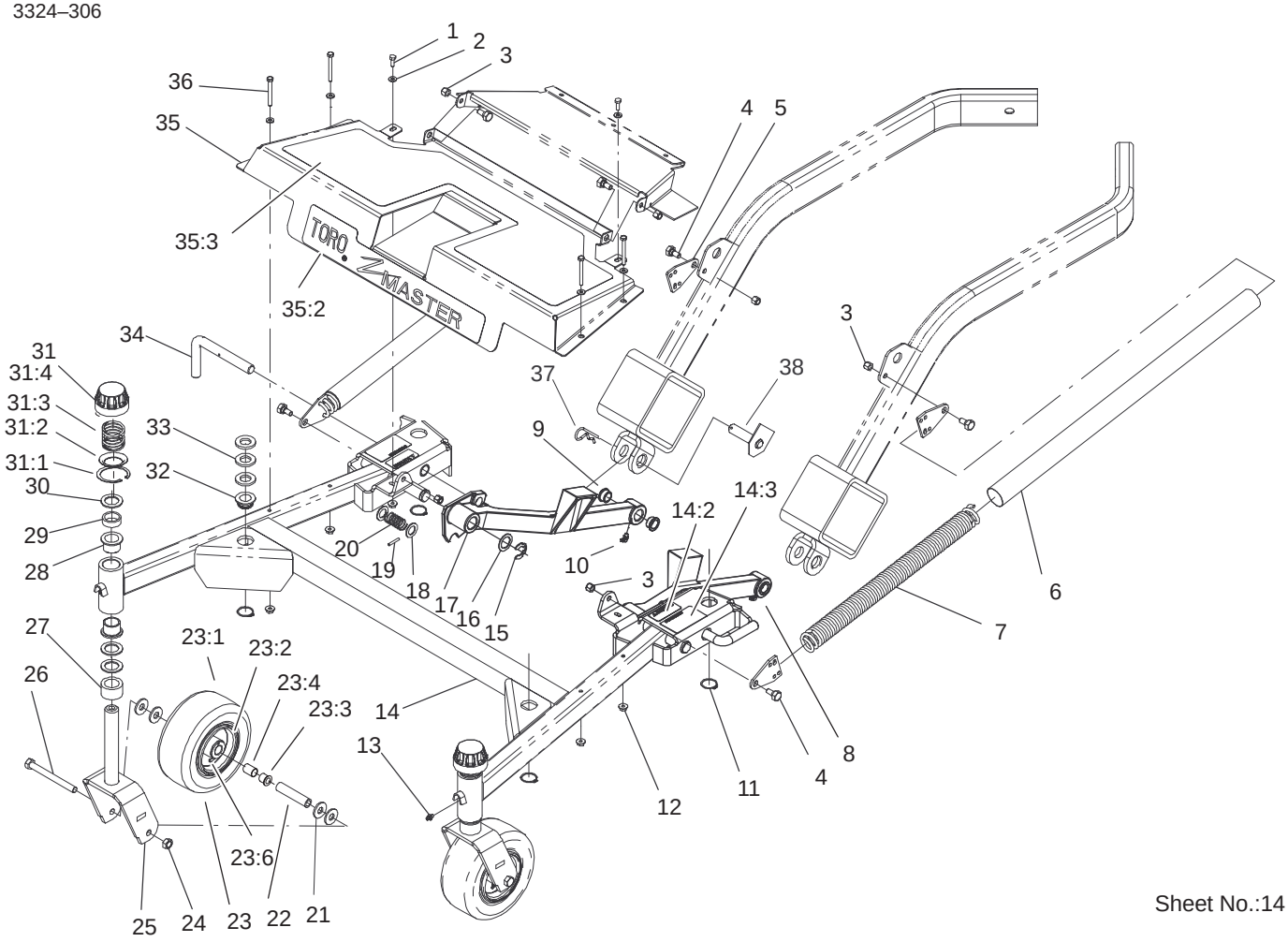
Sheet No.:14

Carrier Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	321–4	2	Screw–HH
2	3256–22	6	Washer–Flat
3	3296–39	6	Nut–Lock, NI
4	46–3380	6	Bolt–Shoulder
5	94–4750	4	Plate – End, Spring
6	94–9550	2	Cover – Spring
7	94–4664	2	Spring – Extension
8	98–0817–01	1	Casting – Lift Arm, LH
9	27–9080	4	Bearing–Flange
10	302–60	2	Fitting–Lube
11	32120–33	4	Ring–Retaining
12	32128–33	6	Nut–HF
13	302–5	2	Fitting–Lube
14	100–7780	1	Carrier Frame ASM w/ Decals
14:2	55–4300	2	Decal
14:3	100–7769	2	Decal – Adjustment, Cutting Height
15	32151–91	2	Ring–Retaining
16	9202514	2	Washer
17	98–0818–01	1	Casting – Lift Arm, RH
18	9202254	4	Washer
19	32121–79	2	Pin–Roll
20	98–1339	2	Spring – Compression
21	3256–6	8	Washer–Flat
22	68–8980	2	Spanner–Tire

Ref. No.	Part No.	Qty.	Description
23	99–1268	2	Castor Wheel ASM
23:1	93–9939	1	Tire
23:2	100–2348	1	Rim Assembly
23:3	62–5580	2	Bearing–Outside
23:4	62–5570	1	Bearing–Roller
*23:5	100–5832	1	Tube w/ Valve
23:6	302–11	1	Fitting–Lube, 45°
24	32153–5	2	Nut–Lock
25	99–0295–01	2	Castor Fork ASM
26	325–19	2	Screw–HH
27	93–1167	2	Spacer – Castor
28	94–1291	4	Bushing–Special
29	63–0070	2	Spacer
30	3–6781	6	Washer–Thrust
31	92–8862	2	Cap ASM–HOC
31:1	92–5581	1	Ring–Retaining
31:2	92–5583	1	Washer–Cap
31:3	92–5584	1	Spring–Compression
31:4	92–8861	1	Cap–HOC
32	1–513336	4	Bushing – Deck
33	1–513338	12	Washer – Flat
34	100–2389	2	Pin – Pivot
35	100–7774	1	Footrest ASM w/ Decals
35:2	100–7770	1	Decal – Z Master, Toro

* Not illustrated

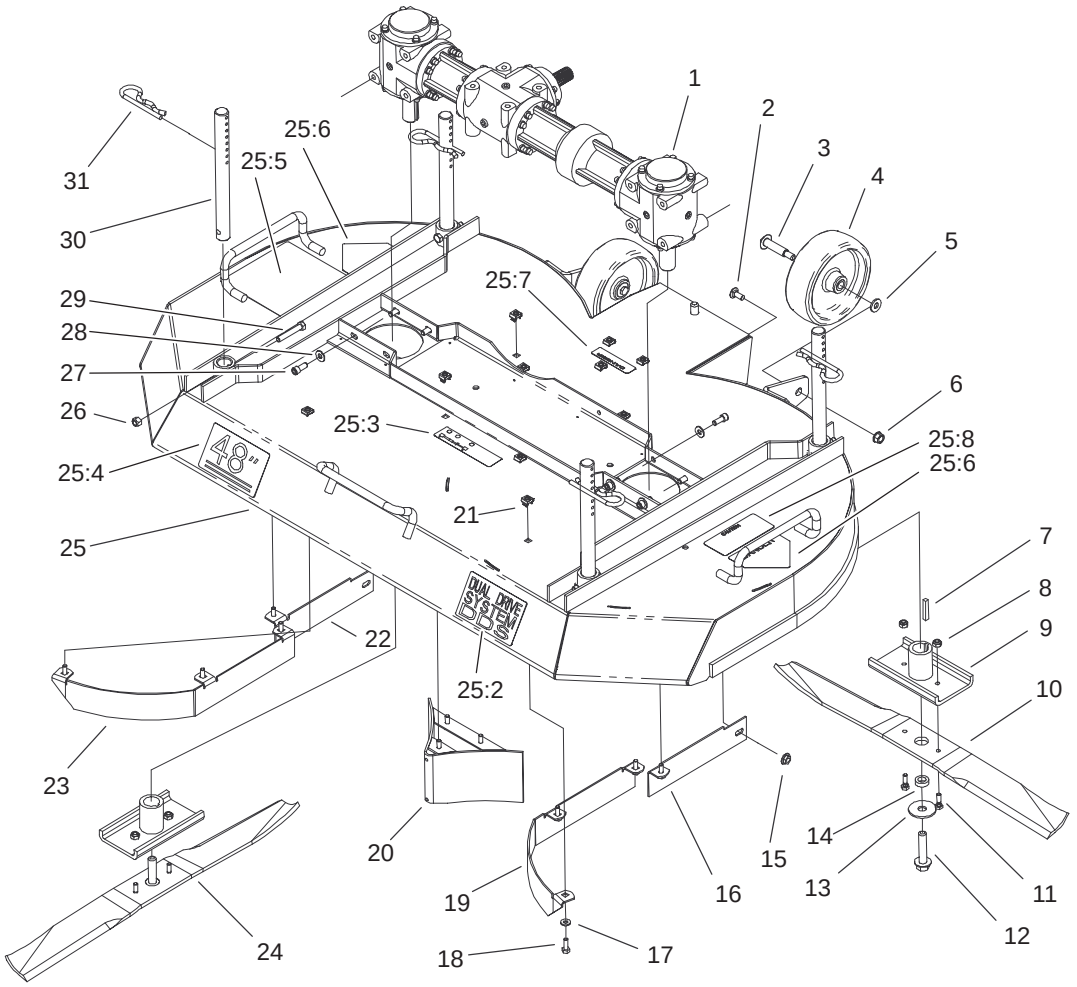


Sheet No.:14

Carrier Frame Assembly (Continued)

Ref. No.	Part No.	Qty.	Description
35:3	100–7775	1	Pad –, Footrest, Abrasive
36	321–15	4	Screw–HH
37	3290–343	2	Pin–Hair
38	94–4755	2	Pivot Pin ASM

Ref. No.	Part No.	Qty.	Description

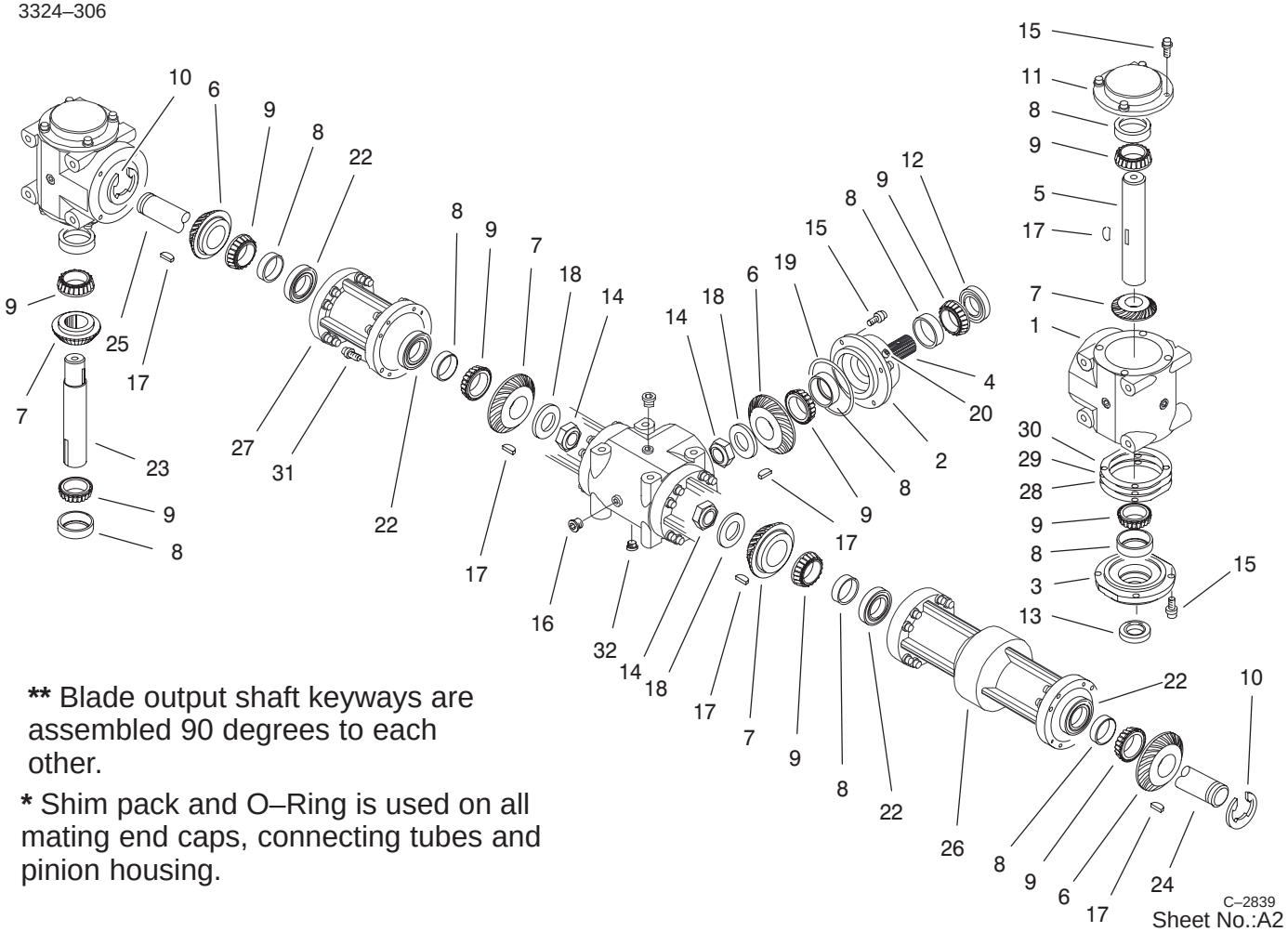


Sheet No.:15

Deck Assembly

Ref. No.	Part No.	Qty.	Description
1	100–2419	1	Gearbox Service ASM
1:1		1	Gearbox – 48” Deck, Splined
1:2	3274–10	8	Screw–HSH
1:3	100–2400	8	Washer – Hard
1:4	32121–48	1	Pin–Spring
1:5	100–5809	1	Decal – Transmission Fluid
1:99	505–76	3	Locktite .02 Oz/Tube
2	3230–23	2	Screw–CARR
3	92–1057	2	Bolt–Shoulder
4	95–4102	2	Wheel
5	3256–3	2	Washer–Flat
6	32128–40	2	Nut–Flange
7	67–7490	2	Key
8	3296–16	4	Nut–Lock, NI
9	98–0810–01	2	Blade Retainer ASM
10	99–4942	1	Blade – 25”, LH
11	99–0283	4	Bolt – Shear
12	92–5816	2	Bolt–Blade
13	86–1990	2	Washer
14	99–0217	2	Spacer
15	32128–13	2	Nut–HF
16	104–0388–01	1	Bracket – Discharge, LH
17	3256–22	11	Washer–Flat

Ref. No.	Part No.	Qty.	Description
18	321–4	11	Screw–HH
19	98–3015–01	1	Baffle – LH
20	100–9655–01	1	Center Baffle ASM
21	32115–5	11	Nut–Retained
22	104–0389–01	1	Bracket – Discharge, RH
23	98–3016–01	1	Baffle – RH
24	99–4941	1	Blade – 25”, RH
25	104–0371	1	48 Deck ASM w/ Decals
25:2	100–7788	1	Decal – Dds
25:3	100–5809	1	Decal – Transmission Fluid
25:4	104–0354	1	Decal – 48
25:5	98–1304	1	Decal – Danger
25:6	43–8480	2	Decal–Danger
25:7	80–8760	1	Decal – Danger
25:8	68–8340	1	Decal–Torque, Blade Bolt
26	3296–29	4	Nut–Lock, NI
27	104–0356	8	Screw – HSH
28	100–2400	8	Washer – Hard
29	322–10	4	Screw–HH
30	100–2393	4	Pin – Deck
31	3290–256	4	Pin–Cotter, Hair



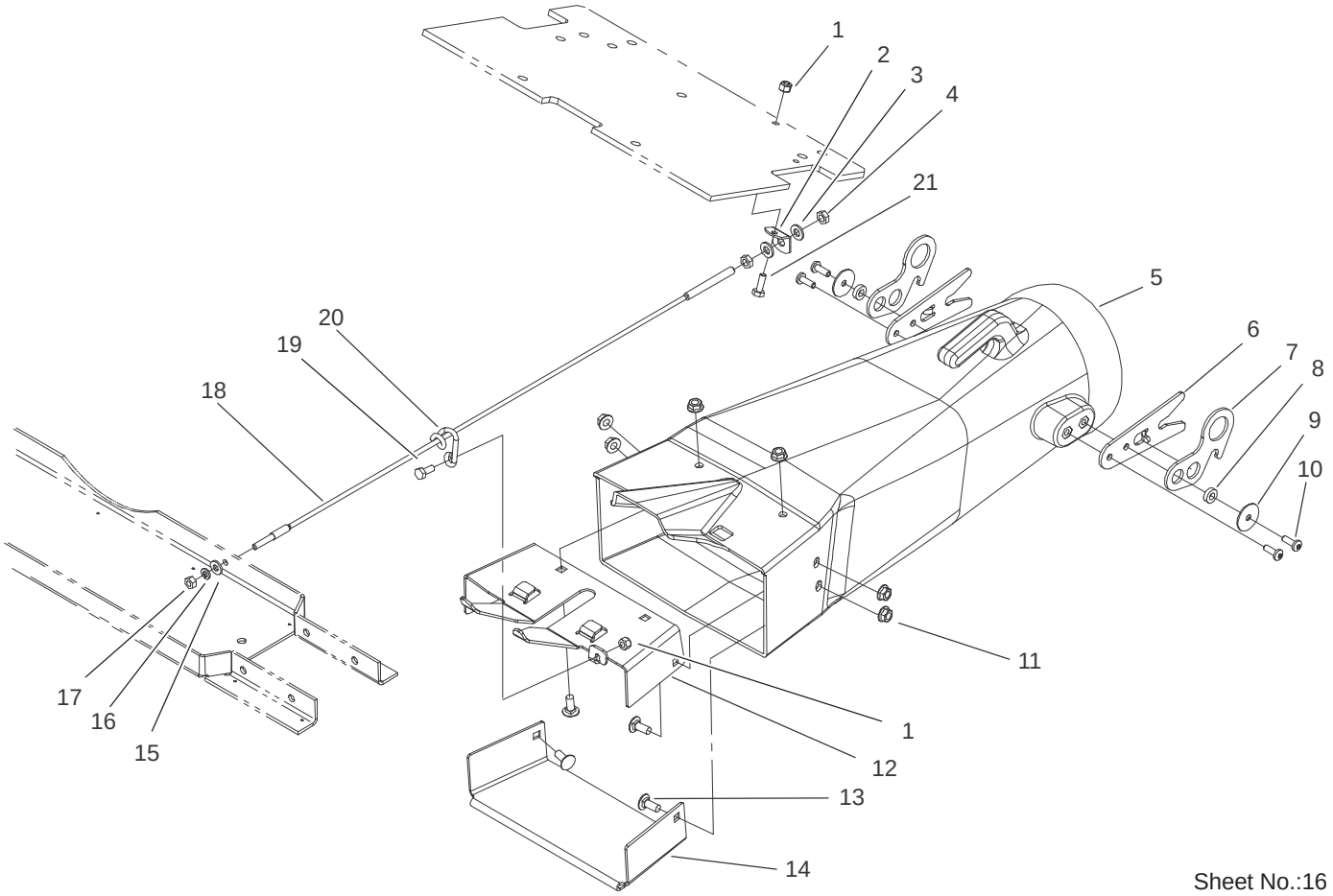
****** Blade output shaft keyways are assembled 90 degrees to each other.

***** Shim pack and O–Ring is used on all mating end caps, connecting tubes and pinion housing.

Gearbox Assembly 100–2419

Ref. No.	Part No.	Qty.	Description
1	100–4564	3	Case
2	100–4565	1	Housing – Pinion
3	100–4566	2	Cap – End, Open
4	100–7755	1	Pinion Service ASM, Splined
4	100–4567	1	Shaft – Input, Splined
5	100–7754	1	Shaft Service ASM, LH
5	100–4568	1	Shaft – Cross, A/D
6	100–4569	3	Gear – LH, 27 Tooth
7	100–4570	4	Gear – RH, 29 Tooth
8	100–4571	10	Cup – Bearing
9	100–4572	10	Cone – Bearing
10	100–4573	2	Ring – Retaining
11	100–4574	2	Cap – End, Closed
12	100–4575	1	Seal
13	100–4576	2	Seal
14	100–4577	3	Nut – Jam
15	100–4578	20	Screw
16	100–4579	8	Plug
17	100–4580	7	Key – Woodruff
18	100–4581	3	Washer
19	100–4582	9	O–Ring
20	100–4583	1	Plug
21	100–4584	1	Cover – Transparent
22	100–4585	4	Seal
23	100–4586	1	Shaft – Cross, B/D

Ref. No.	Part No.	Qty.	Description
23	100–7753	1	Shaft Service ASM, RH
24	100–4587	1	Shaft – Connecting, Long
25	100–4588	1	Shaft – Connecting, Short
26	100–4589	1	Flange – Connecting, Long
27	100–4590	1	Flange – Connecting, Short
28	100–4591	1	Shim – Brown
29	100–4592	1	Shim – Blue
30	100–4593	1	Shim – Green
31	100–4594	32	Screw
32	100–4595	1	Plug – Magnetic

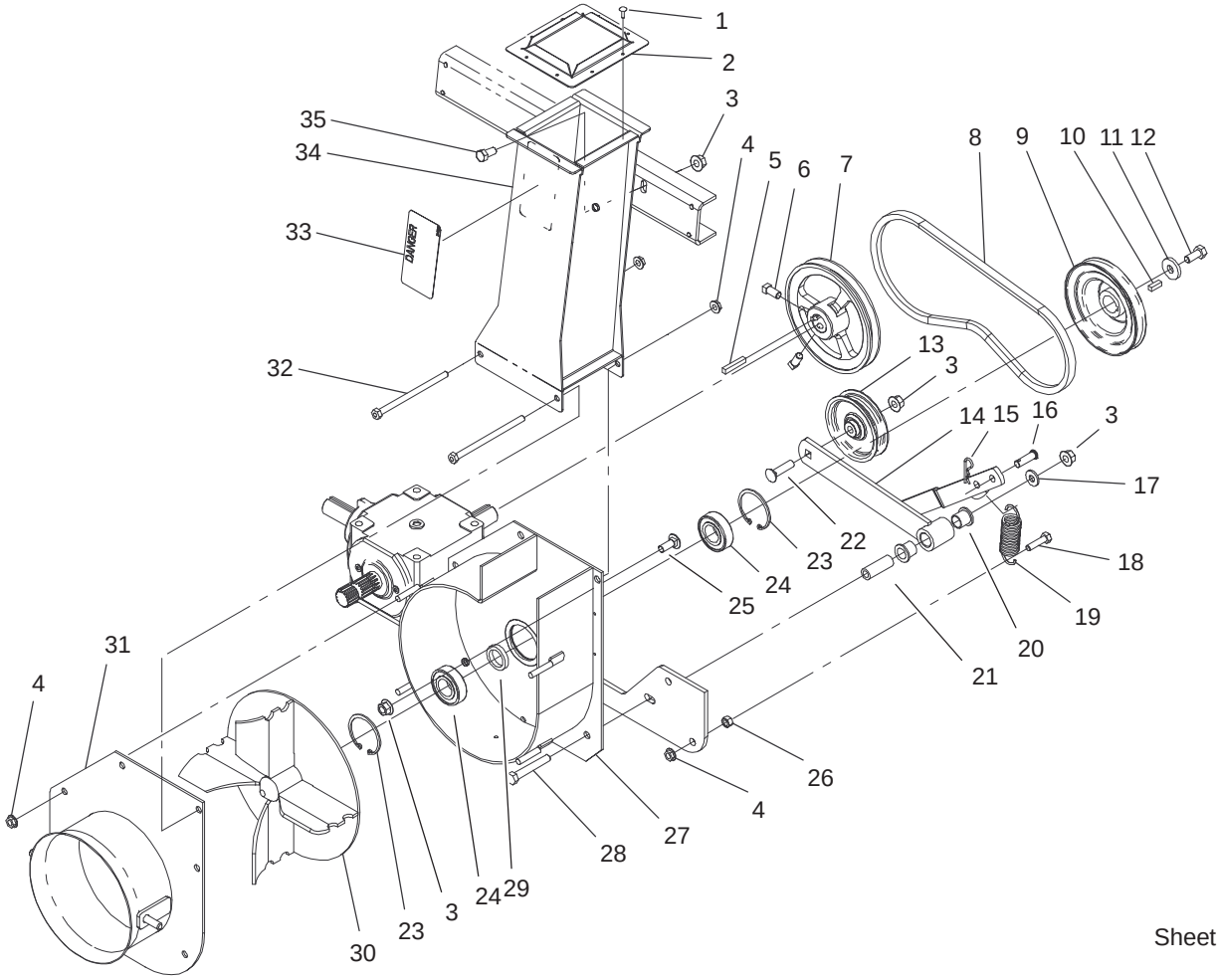


Sheet No.:16

Plenum Assembly

Ref. No.	Part No.	Qty.	Description
1	3296–42	2	Nut–Lock
2	98–3035	1	Bracket – Spring
3	3256–23	2	Washer–Flat
4	3218–2	2	Nut–Jam
5	100–7787	1	Plenum
6	104–0350	2	Plate – Guide
7	100–7799	2	Plate – Latch
8	104–0351	2	Spacer
9	3256–58	2	Washer–Flat
10	614267	4	Screw–PH,Torx
11	32128–35	6	Nut–Hex, Flange
12	104–0385–03	1	Plate – Plenum, Top
13	3230–23	6	Screw–CARR
14	104–0386–03	1	Plate – Plenum, Bottom
15	3256–22	1	Washer–Flat
16	3253–3	1	Washer–Lock/Sp
17	3217–5	1	Nut–Hex
18	104–0396	1	Cable – Tension
19	321–3	1	Screw–HH
20	104–2405	1	Guide – Cable
21	321–4	1	Screw–HH

Ref. No.	Part No.	Qty.	Description

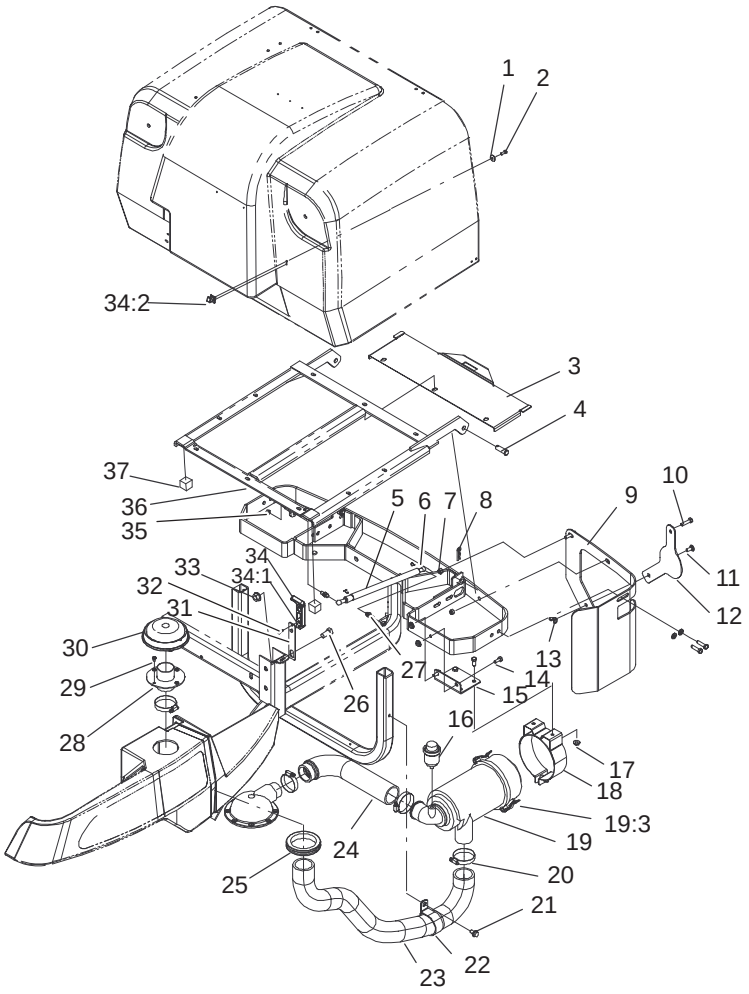


Sheet No.:17

Blower Assembly

Ref. No.	Part No.	Qty.	Description
1	3290–271	8	Rivet–Pop
2	100–4558–03	1	Flange–Chute
3	32128–21	4	Nut–HF
4	32128–25	7	Nut–Flange
5	67–7490	1	Key
6	3242–4	2	Screw–Set, SQH
7	94–4630	1	Pulley – Gearbox
8	19–2650	1	V–Belt
9	99–0287	1	Pulley – Impeller
10	20–9540	1	Key
11	65–8680	1	Washer – Thrust, Plain
12	323–5	1	Screw–HH
13	56–4920	1	Idler Pulley
14	95–6437–03	1	Idler Arm ASM
15	3290–467	1	Pin–Hair
16	283–2	1	Pin–Clevis
17	3256–3	1	Washer–Flat
18	322–6	1	Screw–HH
19	67–1440	1	Spring–Extension
20	256–90	2	Bushing–Flange
21	95–6448	1	Spacer
22	3231–4	1	Screw–CARR
23	32120–8	2	Ring–Snap
24	251–82	2	Bearing–Ball
25	3231–2	1	Screw–CARR
26	3217–6	1	Nut–Hex

Ref. No.	Part No.	Qty.	Description
27	99–0290–03	1	Housing ASM
28	323–12	1	Screw–HH
29	95–6427	1	Spacer – Bearing
30	99–0288–03	1	Impeller ASM
31	100–7795–03	1	Cover ASM
32	322–29	2	Screw–HH
33	79–0360	1	Decal–Danger
34	95–4345–03	1	Impeller Chute ASM
35	323–4	1	Screw–HH



Sheet No.:18

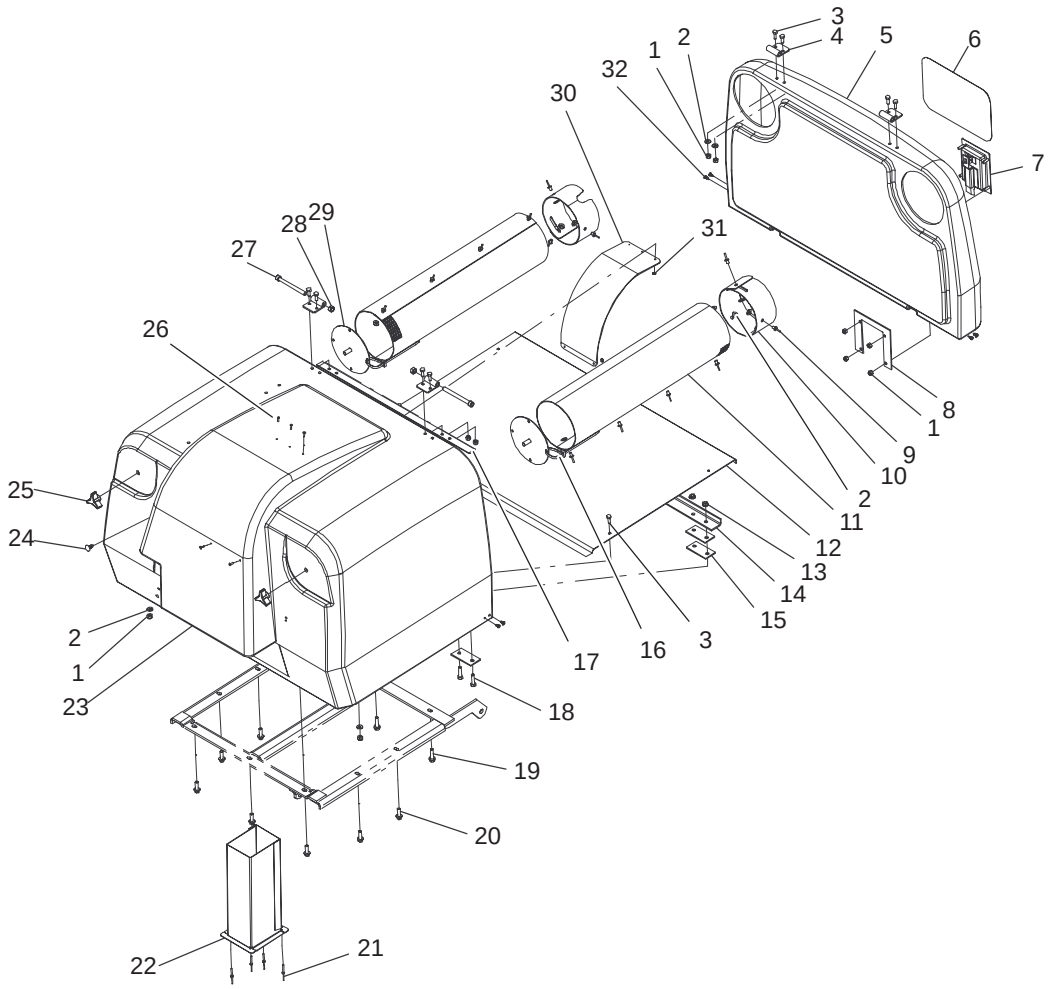
Air Cleaner and Bagger Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	3256–61	1	Washer–Flat
2	3290–134	1	Screw–Ind Hex
3	100–7773–03	1	Plate – Latch
4	283–68	2	Clevis Pin
5	98–3043	1	Gas Spring
6	98–3044	2	Safety Clip
7	3296–29	2	Nut–Lock, NI
8	3290–355	2	Pin–Hair
9	104–0355–03	1	Guard – Filter, Air
10	322–6	2	Screw–HH
11	3230–23	1	Screw–CARR
12	104–0364–03	1	Plate – Cover
13	32103–29	1	Nut–Wing
14	322–3	4	Screw–HH
15	100–2412–03	1	Bracket
16	99–4664	1	Filter Minder
17	32128–13	4	Nut–HF
☆18		1	Bracket – A/C
☆19		1	Air Cleaner
*19:1	100–4557	1	Filter – Safety
*19:2	100–4556	1	Element A/C
19:3	99–3174	2	Clip–Cleaner, Air
*19:4	99–3175	1	Valve–Ejector, Dust
20	2412–130	4	Hose Clamp
21	32144–14	1	Screw–HWH
22	2412–102	1	R–Clamp

Ref. No.	Part No.	Qty.	Description
23	100–2405	1	Hose
24	100–2406	1	Hose
25	240–8	1	Rubber Grommet
26	325–4	1	Screw–HH
27	88–6770	2	Stud–Ball
28	100–2411–03	1	Flanged Connector ASM
29	32104–111	4	Screw
☆30		1	Hood
31	98–3032	1	Bracket – Latch
32	3290–359	2	Screw–HWH
33	32128–23	1	Nut–HF
34	94–5626	1	Latch – Draw, Flexible
34:1	100–5806	1	Handle – Latch
34:2	100–5807	1	Keeper – Latch
35	32152–1	2	Nut–Lock, NI
36	95–6418–03	1	Frame ASM
37	104–0367	2	Cushion

☆ Not serviced

* Not illustrated



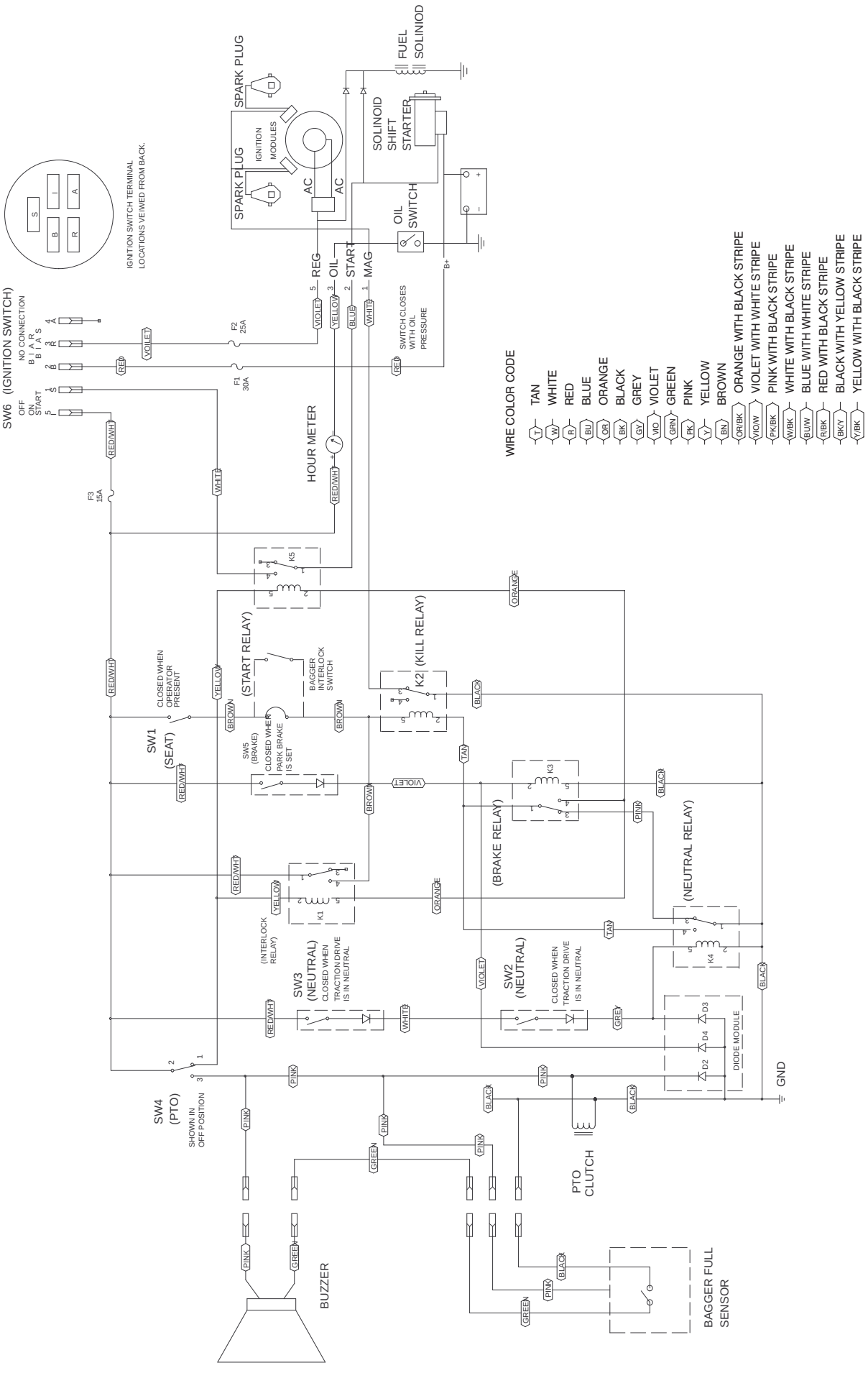
Sheet No.:19

Bagger Assembly

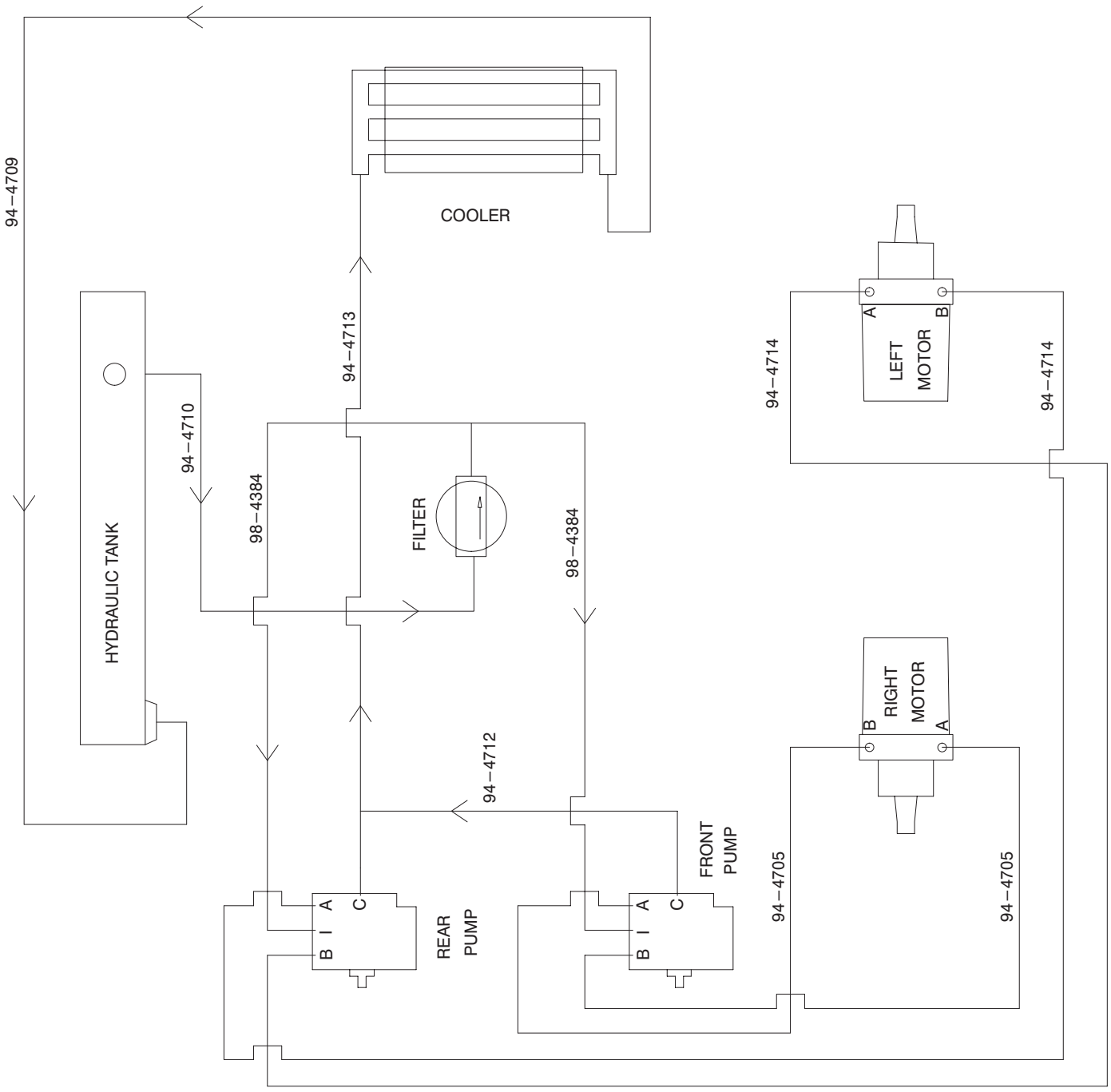
Ref. No.	Part No.	Qty.	Description
1	3296–42	14	Nut–Lock
2	3256–22	20	Washer–Flat
3	321–4	10	Screw–HH
4	98–3027–03	4	Hinge
5	100–9617	1	Cover – Bin
6	67–7310	1	Decal – Toro Logo, 7”
7	100–9631	1	Lever – Latch
8	100–9632–03	1	Plate – Latch
9	3290–412	14	Rivet
10	100–5845	2	Ring – Support
11	95–6441	2	Screen
12	100–4550–03	1	Floor – Hopper
13	32128–25	14	Nut–Flange
14	98–0849–03	1	Flange – Bin
15	98–3004	6	Spacer
16	3290–378	8	Tie–Cable
17	98–3036–03	1	Angle – Bin
18	322–6	4	Screw–HH
19	3234–36	3	Screw–HHF
20	3234–17	7	Screw–HHF
21	98–7310	4	Rivet
22	95–6482–03	1	Chute ASM
23	95–6422	1	Bin – Grass
24	104–0395	1	Plug – Plastic
25	233–52	2	Knob
26	3269–17	5	Pop Rivet

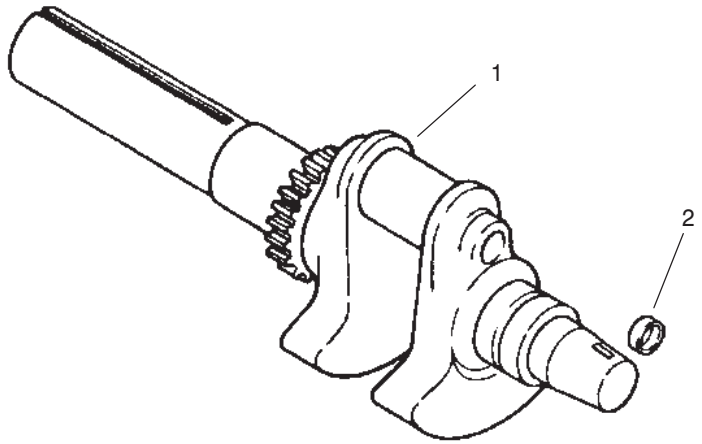
Ref. No.	Part No.	Qty.	Description
27	3274–102	2	Screw–HSH
28	3296–59	2	Nut–Lock, NI
29	95–6444–03	2	Plate ASM
30	100–4552	1	Plate – Wear
31	3256–12	5	Washer–Flat
32	104–0397	8	Plug – Plastic

Electric Schematic



Hydraulic Schematic





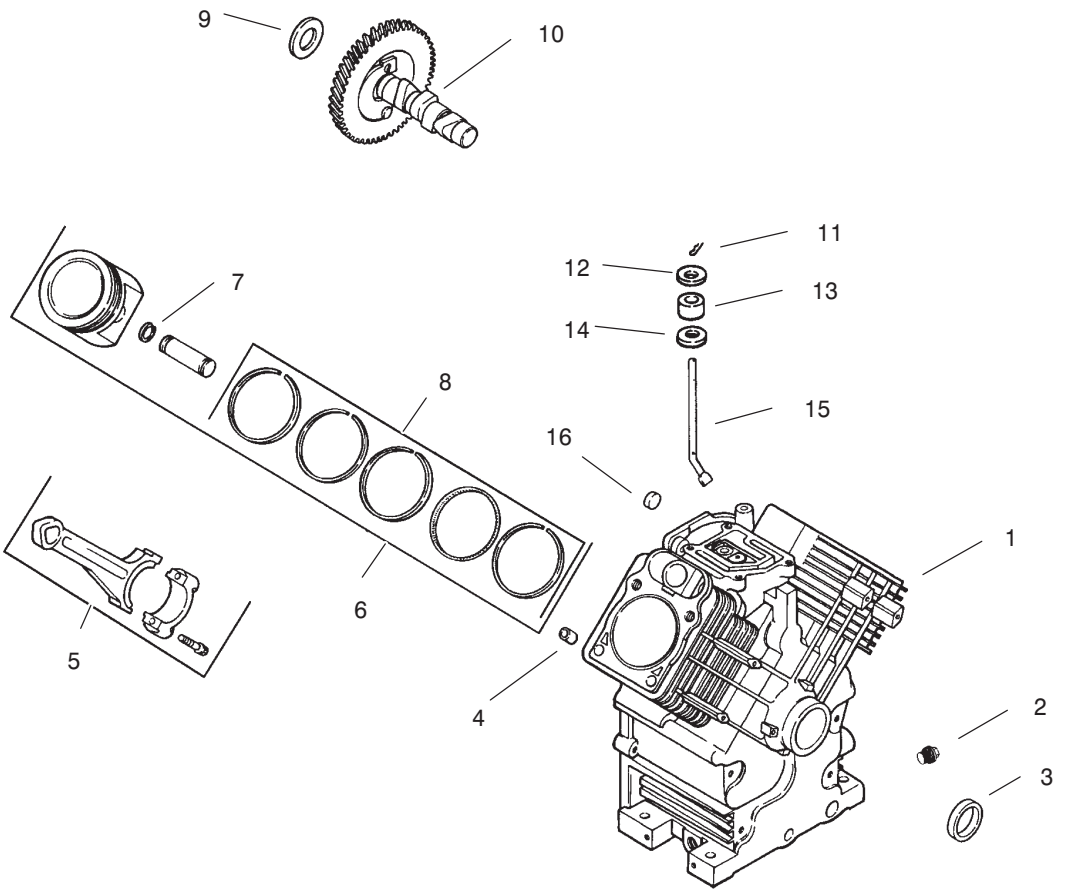
Sheet No.: 2

Crankshaft (Kohler CH25S PS68656)

Ref. No.	Description	Part No.
1	Crankshaft (Incl. Ref. 2)	24 014 72–S
2	Plug, cup	52 139 09–S

Ref. No.	Description	Part No.

Obtain Parts from Kohler



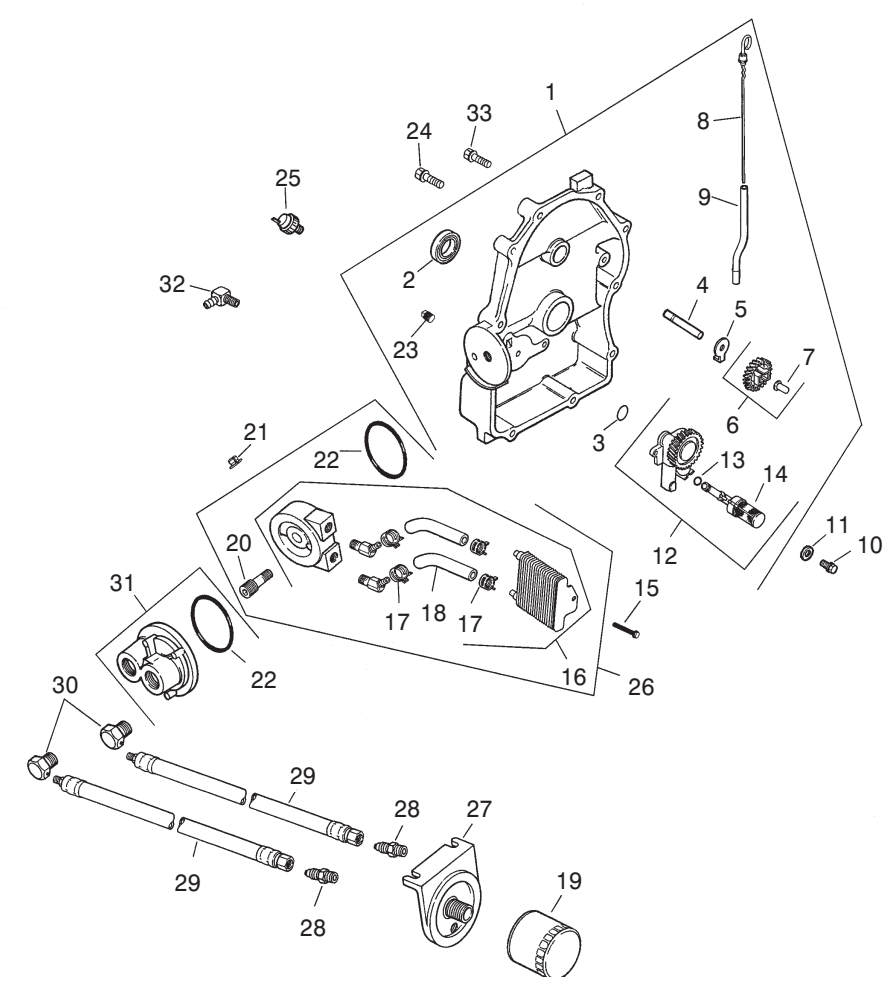
Sheet No.: 3

Crankcase (Kohler CH25S PS68656)

Ref. No.	Description	Part No.
1	Kit, service crankcase (Incl. Ref. 2, 4,16 & 24 113 56)	24 561 33–S
2	Plug, pipe 3/8 (2)	X -75-10–S
3	Seal, oil front	24 032 01–S
4	Pin, dowel locating (6)	12 380 17–S
5	Connecting Rod (Std.) (2)	24 067 13–S
	Connecting Rod (.25) (2)	24 067 14–S
6	Piston w/Ring Set (Std.) (2) (Includes 7,8)	24 874 06–S
7	Retainer, piston pin (4)	24 018 01–S
8	Ring Set (Std.)	24 108 04–S
9	Shim, camshaft (AR) red	12 422 09–S
	Shim, camshaft (AR) black	12 422 13–S
	Shim, camshaft (AR) white	12 422 07–S
	Shim, camshaft (AR) blue	12 422 08–S
	Shim, camshaft – yellow	12 422 10–S
	Shim, camshaft (AR) green	12 422 11–S
	Shim, camshaft (AR) gray	12 422 12–S
10	Camshaft	24 012 10–S
11	Pin, hitch	12 380 04–S
12	Washer, plain 6 mm	M-631005–S
13	Seal, governor cross shaft	12 032 01–S
14	Washer, plain 1/4	X-25-102–S
15	Shaft, governor cross	24 144 01–S
16	Plug, cup	52 139 09–S

Ref. No.	Description	Part No.
	NOT ILLUSTRATED	
	Decal	24 113 56–S

Obtain Parts from Kohler



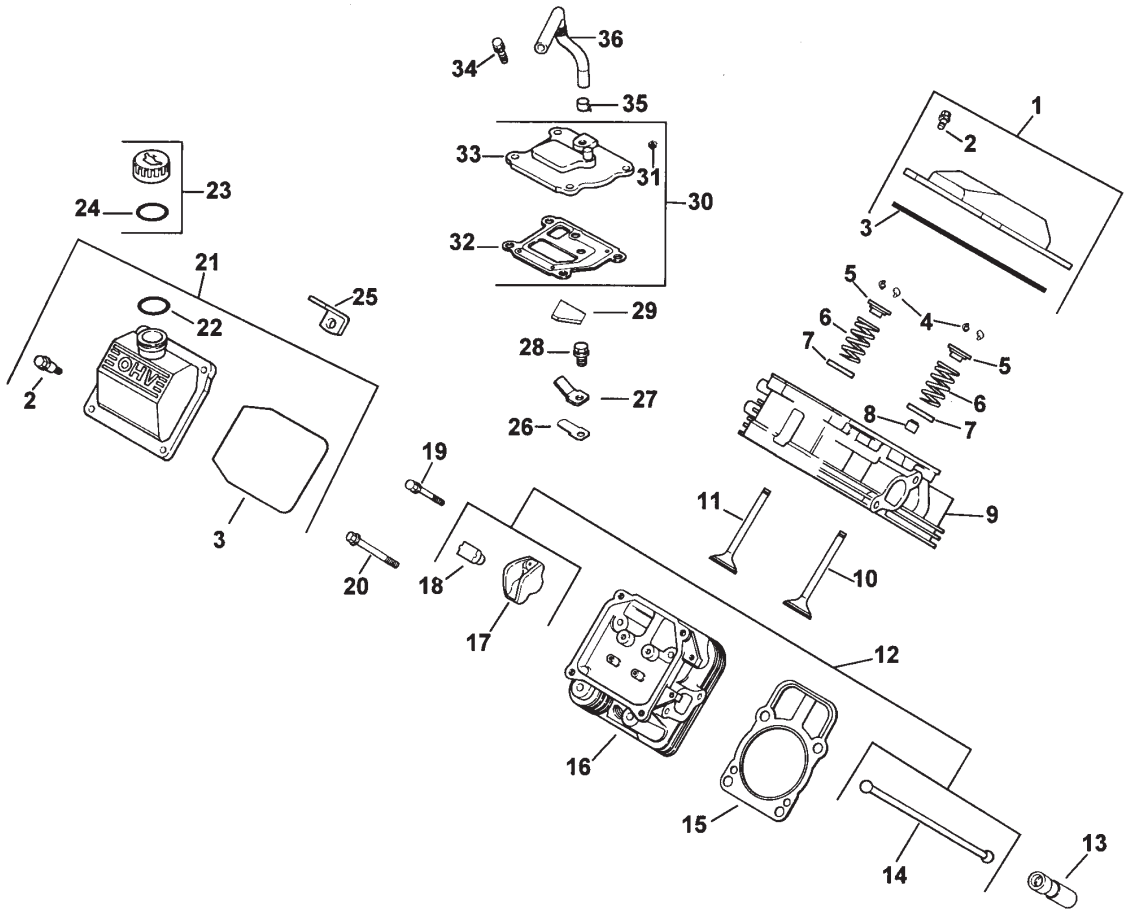
Sheet No.: 4

Oil Pan / Lubrication (Kohler CH25S PS68656)

Ref. No.	Description	Part No.
1	Kit, closure plate (incl. 2–9 & 13, 14 & 23)	24 009 82–S
2	Seal, oil (PTO end)	52 032 08–S
3	O–Ring	24 153 08–S
4	Shaft, governor gear	12 144 02–S
5	Tab, locking	52 448 02–S
6	Kit, governor gear w/pin (Includes 7)	24 043 12–S
7	Pin, governor regulating	12 380 01–S
8	Dipstick	24 038 06–S
9	Tube, dipstick	24 123 08–S
10	Screw, hex. flange M6x1.0x25 (2)	M-645025–S
11	Washer, plain 6 mm (2)	M-631005–S
12	Oil pump assembly (Includes 13–14)	24 393 10–S
13	O–Ring, oil pick–up	24 153 01–S
14	Pick–up, oil	24 381 04–S
15	Screw, hex. cap M6x1.7x18 (2)	24 086 12–S
16	Cooler, oil (Includes 17,18)	24 594 09–S
17	Clamp, hose (4)	24 237 03–S
18	Hose, oil (2)	24 326 15–S
19	Filter, oil	52 050 02–S
20	Nipple, oil filter	24 136 03–S
21	Nut, plastic (2)	24 100 01–S

Ref. No.	Description	Part No.
22	O–Ring	24 153 13–S
23	Plug, allen hd. 1/8 pipe	X-75-23–S
24	Screw, hex. flange M8x1.25x45 (9)	24 086 16–S
25	Switch, oil pressure	24 099 03–S
26	Kit, alum base oil cooler (incl. 16–18, 20 & 22)	54 755 21–S
27	Adapter, remote oil filter	25 029 01–S
28	Nipple, hex (2)	52 136 02–S
29	Hose, oil (2)	52 326 11–S
30	Reducing, fitting (2)	24 294 04–S
31	Adapter, oil filter (incl. 22) (2)	24 029 02–S
32	Connector	25 155 02–S
33	Screw, hex. flange M8x1.25x45	24 086 17–S
	NOT ILLUSTRATED	
	Decal, oil cooler	24 113 25–S

Obtain Parts from Kohler



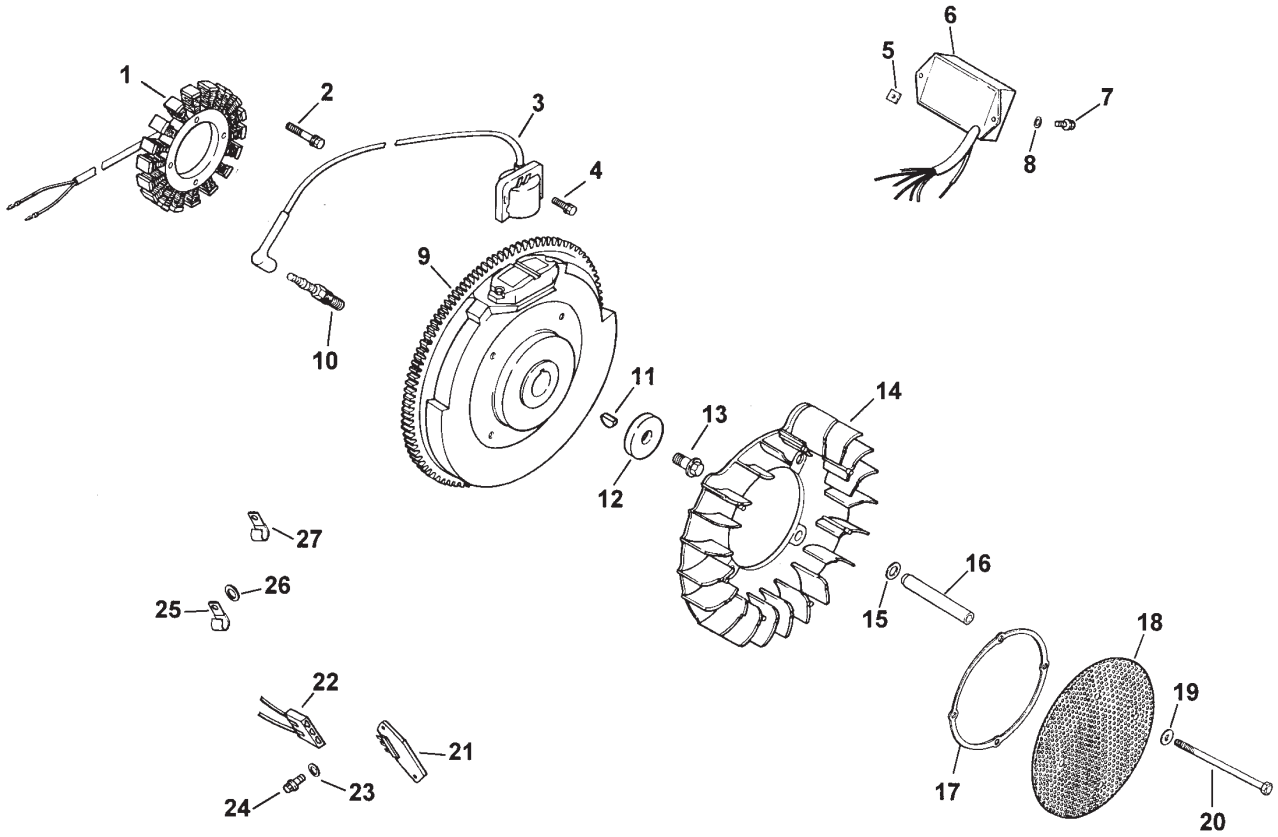
Sheet No.: 5

Head / Valve / Breather (Kohler CH25S PS68656)

Ref. No.	Description	Part No.
1	Kit, valve cover – plain (Includes 2,3)	24 755 74–S
2	Screw, shoulder (4)	24 086 32–S
3	O–Ring	24 153 16–S
4	Kit, retainer (4)	12 755 03–S
5	Cap, valve spring (4)	12 173 01–S
6	Spring, valve (4)	24 089 02–S
7	Retainer, spring (4)	235011–S
8	Seal, valve stem (2)	24 032 05–S
9	Head assembly, #1 cylinder	24 318 13–S
10	Valve, intake (Std.) (2)	24 017 01–S
	Valve, intake (.25) (2)	24 017 02–S
11	Valve, exhaust (Std.) (2)	24 016 01–S
	Valve, exhaust (.25) (2)	24 016 02–S
12	Kit, valve train (Includes 14,17,18)	24 755 66–S
13	Lifter, valve (4)	12 351 02–S
14	Rod, push (4)	24 411 05–S
15	Gasket, cylinder head (2)	24 041 16–S
16	Head assembly, #2 cylinder	24 318 14–S
17	Arm, rocker (4)	25 186 01–S
18	Pivot, rocker arm (4)	24 599 01–S
19	Screw, hex. flange M6x1.0x34 (4)	M-640034–S

Ref. No.	Description	Part No.
20	Stud, M10x1.5x90 (8)	24 072 09–S
21	Kit, valve cover – oil fill (Includes 2,3,22)	24 755 75–S
22	O–Ring	24 153 09–S
23	Kit, oil fill cap (Includes 24)	24 755 46–S
24	O–Ring, oil fill cap	12 153 03–S
25	Strap, lifting	24 445 01–S
26	Reed, breather	24 402 03–S
27	Retainer, breather reed	12 018 01–S
28	Screw, hex. flange M5x0.8x10	M-545010–S
29	Filter, breather	24 050 01–S
30	Kit, breather (Includes 31–33)	24 033 01–S
31	Plug, allen head 1/8 pipe	X-75-23–S
32	Gasket, breather	24 041 23–S
33	Cover, breather	24 096 02–S
34	Screw, hex. flange M6x1.0x20 (4)	M-645020–S
35	Clamp, breather	X-426-9–S
36	Hose, breather	24 326 06–S
37	Washer, flat (8)	24 468 18–S
38	Nut, hex. flange M8x1.25 (8)	M-841080–S

Obtain Parts from Kohler



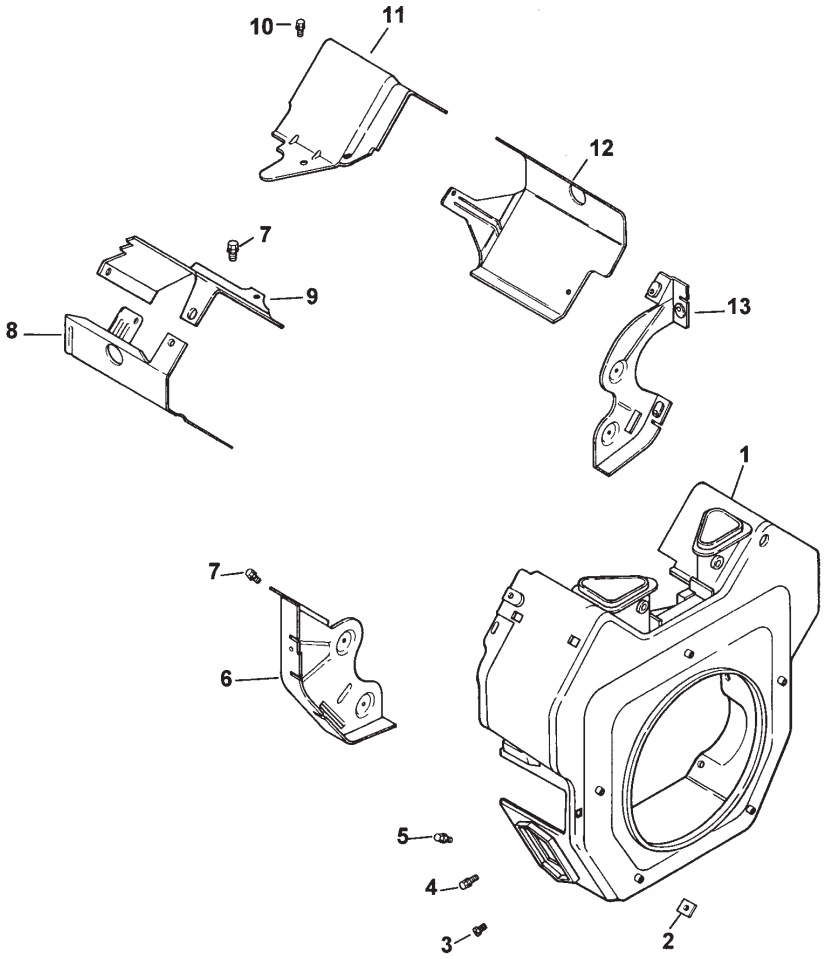
Sheet No.: 6

Ignition / Electrical (Kohler CH25S PS68656)

Ref. No.	Description	Part No.
1	Kit, 15 amp stator (Incl. 28)	54 755 09–S
2	Screw, hex. cap M5x0.8x25 (2)	M-548025–S
3	Module, ignition (2)	24 584 15–S
4	Screw, hex. socket hd. M5x0.8x25 (4)	M-561025–S
5	Nut, plastic (2)	24 100 02–S
6	Module, speed advance	24 584 09–S
7	Screw, phillips head 11–16x1/2" (2)	24 086 41–S
8	Washer, lock 1/4"	X-22-11–S
9	Flywheel	24 025 03–S
10	Spark Plug (2)	12 132 02–S
11	Key	X-42-15–S
12	Washer, plain 3/8.	12 468 03–S
13	Screw, hex. flange M10x1.5x46	12 086 14–S
14	Fan	24 157 03–S
15	Washer, spring 10 mm (4)	24 468 11–S
16	Spacer, grass screen (4)	24 112 14–S
17	Ring, support	24 141 06–S
18	Screen, grass	24 162 25–S

Ref. No.	Description	Part No.
19	Washer, plain 1/4" (4)	X-25-53–S
20	Screw, hex. head. M6x1.0x100 (4)	M-603100–S
21	Rectifier–regulator 15 amp	25 403 03–S
22	Connector	236602–S
23	Washer, plain 3/16 (2)	X-25-92–S
24	Screw, phillips hd. 11–16x7/8 (2)	24 086 18–S
25	Clip, cable	47 154 01–S
26	Washer, plain 1/4	X-25-63–S
27	Clip, cable	48 154 02–S
28	Bracket, stator wire	24 126 71–S
29	Kit, chopper screen (incl. 15–19)	24 755 79–S
	NOT ILLUSTRATED	
	Harness, wiring	24 176 16–S
	Lead, black (5"–12 gauge – insulated grip barrel eyelet terminals)	24 518 12–S
	Screw, set (adjusts grass scraper blade)	25 086 43–S

Obtain Parts from Kohler



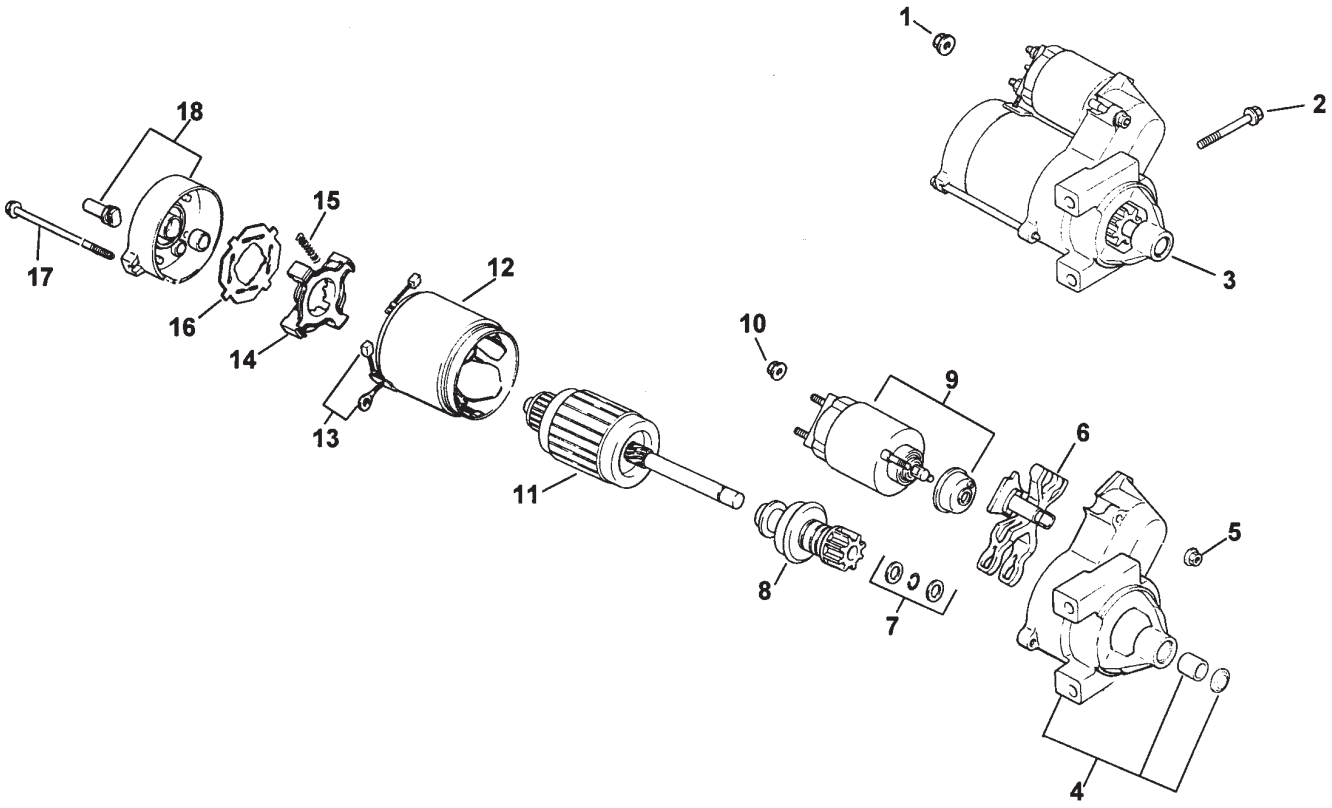
Sheet No.: 7

Blower Housing & Baffles (Kohler CH25S PS68656)

Ref. No.	Description	Part No.
1	Housing, blower assembly (Incl. 2–4)	54 027 05–S
2	Screw, set	25 088 43–S
3	Nut, plastic (4)	24 100 01–S
4	Nut, plastic)3)	24 100 02–S
5	Screw, hex. flange M5x0.8x16	M-551016–S
6	Screw, hex flange M5x0.8x16 (4)	M-545016–S
7	Screw, hex flange M5x0.8x20 (2)	M-545020–S
8	Plate, backing – #2 side	24 146 11–S
9	Screw, hex. flange M6x1.0x16 (6)	M-645016–S
10	Baffle, cylinder barrel – #2 side	24 063 28–S
11	Baffle, valley – #2 side	24 063 17–S
12	Screw, hex. flange M5x0.8x10 (2)	M-545010–S
13	Baffle, valley – #1 side	24 063 24–S
14	Baffle, cylinder barrel – #1 side	24 063 30–S
15	Plate, backing – #1 side	24 146 08–S
	NOT ILLUSTRATED	
	Decal, horsepower	24 113 09–S

Ref. No.	Description	Part No.

Obtain Parts from Kohler



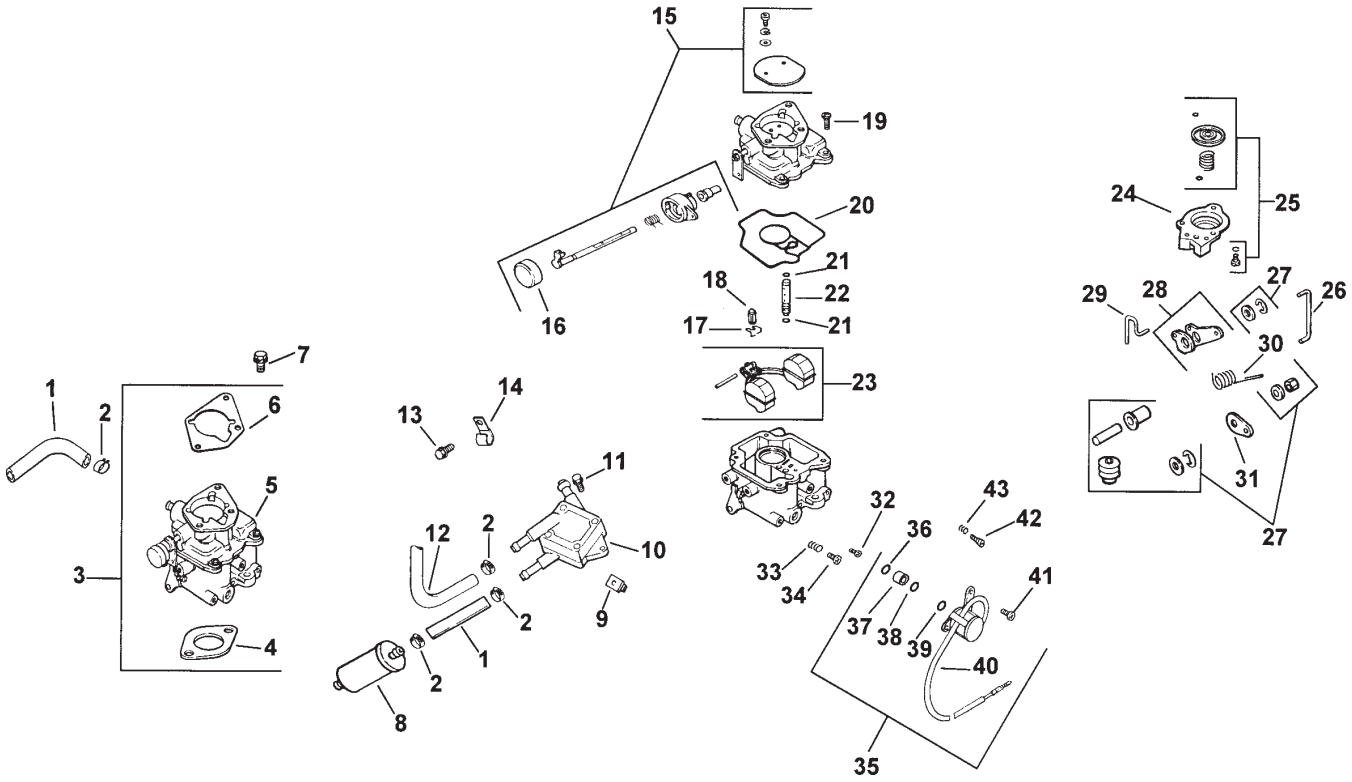
Sheet No.: 8

Starting System (Kohler CH25S PS68656)

Ref. No.	Description	Part No.
1	Nut, hex flange M8x1.25	M-841080–S
2	Screw, hex. flange M8x1.25x80 (2)	M-839080–S
3	Starter, solenoid shift (Includes 4–18)	24 098 01–S
4	Drive, end cap	24 081 04–S
5	Nut, starter (2)	52 100 10–S
6	Lever, starter drive	12 090 10–S
7	Kit, starter repair	24 755 84–S
8	Drive, pinion	12 239 01–S
9	Solenoid	52 435 02–S
10	Nut, starter	52 100 09–S
11	Armature, starter	12 170 04–S
12	Frame	12 471 01–S
13	Kit, brush & spring (Includes 15)	52 221 01–S
14	Holder, brush	52 323 03–S
15	Spring, brush (4)	52 089 09–S
16	Insulator	52 168 01–S
17	Bolt, thru M5x0.8x99 (2)	52 211 05–S
18	Commutator, end cap	24 301 01–S

Ref. No.	Description	Part No.

Obtain Parts from Kohler



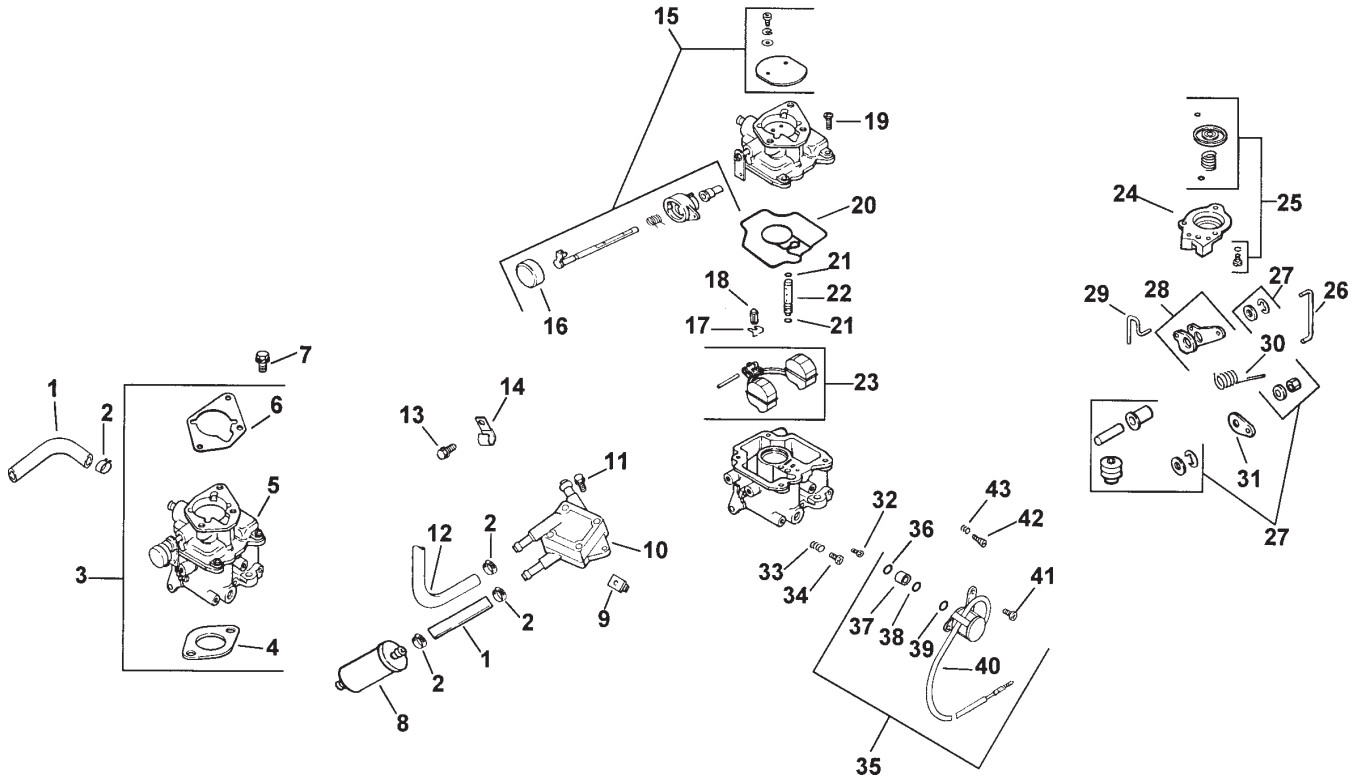
Sheet No.: 9

Fuel System (Kohler CH25S PS68656)

Ref. No.	Description	Part No.
1	Line, fuel 9” (2)	25 353 10
2	Clamp, hose (6)	X–426–9
3	Kit, carburetor w/gasket (Includes 4–6)	24 853 34
4	Gasket, air cleaner	24 041 06
5	Carburetor assembly (Includes 15–43 and carburetor repair kit (For information only not available separately)	24 757 03) 24 053 34
6	Gasket, carburetor	24 041 17
7	Screw, hex. flange M6x1.0x30 (2)	M–0651030
8	Filter, fuel	24 050 02
9	Nut, plastic (2)	24 100 01
10	Pump, fuel – pulse	24 393 04
11	Screw, hex. cap 18 mm (2)	24 086 12
12	Line, fuel 15–1/2”	24 353 02
13	Screw, hex. flange M6x1.0x10	M–0650012
14	Clip, cable	24 154 01
15	Kit, choke repair (Includes 16)	24 757 07
16	Cap, choke lever	24 173 02
17	Clip, inlet needle valve	24 154 01
18	Valve, inlet needle	24 462 01

Ref. No.	Description	Part No.
19	Screw, carburetor body (4)	24 086 09
20	Gasket, carburetor body	24 041 09
21	O–Ring, slow jet (2)	24 153 02
22	Jet, slow	24 337 29
23	Kit, float repair	24 757 02
24	Housing, pump	24 081 05
25	Kit, repair – accelerator pump seal & bushing)	24 757 08
26	Linkage, rod	24 079 07
27	Kit, repair – accelerator pump diaphragm	24 757 09
28	Lever, linkage	24 090 16
29	Linkage, rod	24 079 06
30	Spring, linkage	24 089 27
31	Lever, linkage	24 090 15
32	Jet, main	24 337 30
33	Spring, idle adjust	24 089 11
34	Needle, idle adjust	24 368 01
35	Kit, solenoid assembly (Includes 36–41)	24 757 01
36	O–Ring, solenoid	24 153 06
37	Seat, solenoid	24 521 01
38	O–Ring, solenoid	24 153 05
39	O–Ring, solenoid	24 153 04
40	Solenoid	24 435 01

Obtain Parts from Kohler



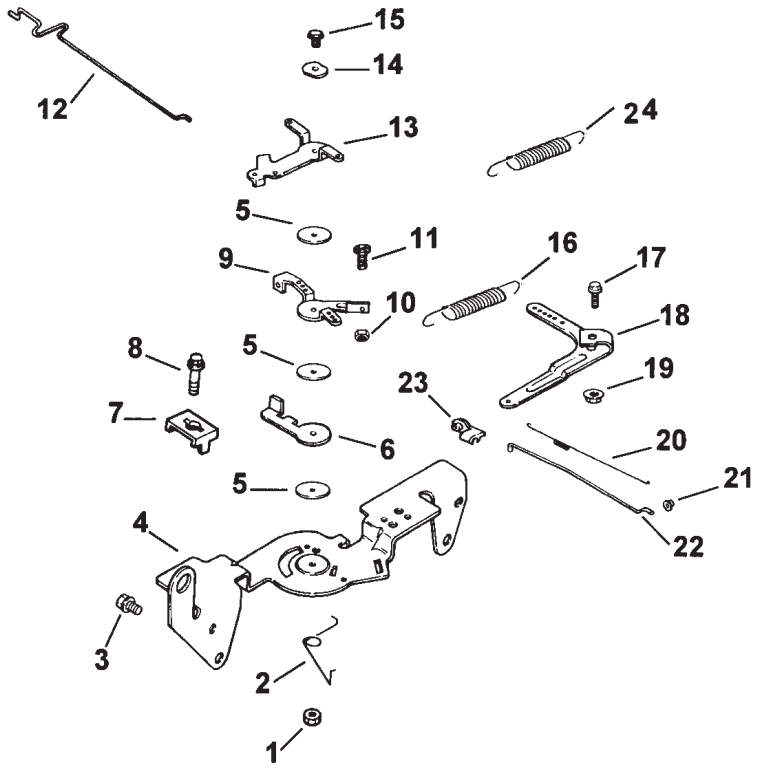
Sheet No.: 9

Fuel System – Continued (Kohler CH25S PS68656)

Ref. No.	Description	Part No.
41	Screw, solenoid (2)	24 086 07
42	Screw, idle speed adjust	24 086 10
43	Spring, idle speed adjust	24 089 10
	NOT ILLUSTRATE	
	Kit, carburetor repair	24 757 03

Ref. No.	Description	Part No.

Obtain Parts from Kohler

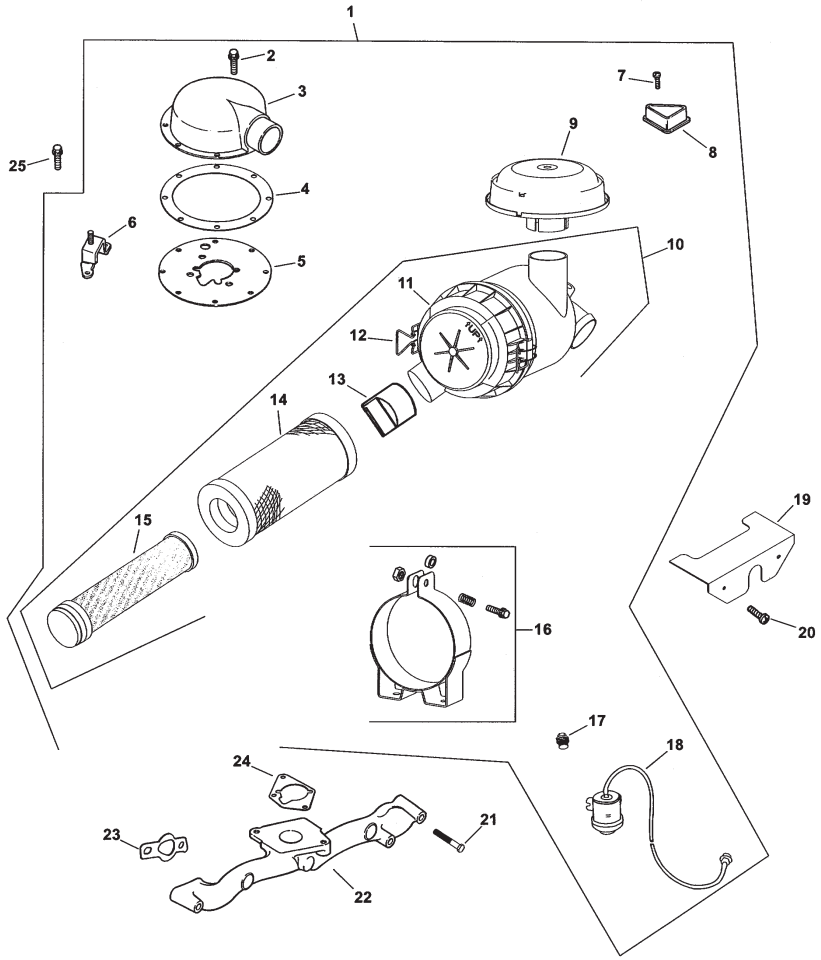


Sheet No.: 10

Engine Controls (Kohler CH25S PS68656)

Ref. No.	Description	Part No.
1	Nut, hex. lock M5x0.8	M-547050–S
2	Spring, choke return	24 089 03–S
3	Screw, hex. flange M6x1.0x16 (4)	M-645016–S
4	Bracket, control	24 126 56–S
5	Washer, plain 1/4 (3)	24 468 01–S
6	Lever, throttle actuator	24 090 07–S
7	Clamp, cable (2)	12 237 01–S
8	Screw hex. flange M5x0.8x16 (3)	M-545016–S
9	Lever, throttle control	24 090 03–S
10	Nut, hex. flange M4x0.7	M-446030–S
11	Screw, hex. flange M4x0.7x30	M-401030–S
12	Linkage, choke	24 079 02–S
13	Lever, choke	24 090 05–S
14	Washer, spring 1/4	41 468 03–S
15	Screw, hex. flange M5x0.8x20	M-545020–S
16	Spring, governor	24 089 15–S
17	Screw, hex. flange M6x1.0x25	SM-642025–S
18	Lever, governor	24 090 14–S
19	Nut, hex. flange M6x1.0	M-641060–S
20	Spring, linkage	24 089 01–S
21	Bushing, linkage retaining	25 158 08–S
22	Linkage, throttle	24 079 01–S
23	Bushing, throttle linkage	25 158 11–S
24	Spring, governor	24 089 51–S

Obtain Parts from Kohler



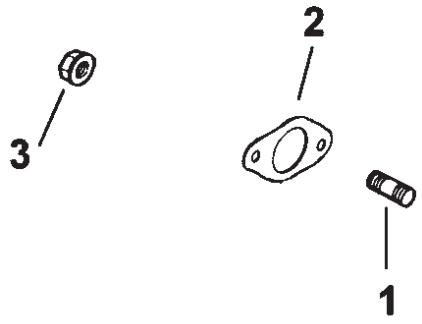
Sheet No.: 11

Air Intake / Filtration (Kohler CH25S PS68656)

Ref. No.	Description	Part No.
1	Kit, heavy duty air cleaner (Includes 2–18)	24 743 26–S
2	Screw, hex. flange M6xx1.0x16 (7)	M-645016–S
3	Adapter, air intake	24 029 28–S
4	Gasket, air cleaner adapter	24 041 38–S
5	Plate, adapter	24 029 35–S
6	Bracket, air cleaner base	24 126 21–S
7	Screw, slottrd hex. head (2)	X–67–3–S
8	Cover, blower housing (2)	24 096 17–S
9	Hood, air cleaner (5–1/4”)	25 324 02–S
10	Cleaner assembly, air (incl. 11–15)	25 048 07–S
11	Cover assembly	25 096 06–S
12	Clip (2)	25 154 05–S
13	Vavle, dust ejector	24 462 07–S
14	Element, air filter–primary	25 083 01–S
15	Element, air filter–safety	25 083 04–S
16	Bracket assembly, air cleaner	25 126 02–S
17	Plug, pipe	25 139 20–S
18	Kit, air filter gauge	25 755 24–S
19	Shield, debris	24 314 25–S
20	Screw, phillips head 11–16x3/4” (2)	24 086 06–S

Ref. No.	Description	Part No.
21	Screw, hex. flange M6x1.0x55 (4)	M-651055–S
22	Manifold, intake	24 164 14–S
23	Gasket, intake manifold (2)	24 041 01–S
24	Gasket, air cleaner base	24 041 06–S
25	Screw, hex. flange M6x1.0x16 (3)	M-639016–S
	NOT ILLUSTRATED	
	Decal, air cleaner	25 113 27–S

Obtain Parts from Kohler



Sheet No.: 11

Exhaust (Kohler CH25S PS68656)

Ref. No.	Description	Part No.
1	Stud, exhaust manifold M8x1.25x33 (4)	25 072 04–S
2	Gasket, exhaust (2)	24 041 02–S
3	Nut, muffler mounting M8x1.25 (4)	M-841080–S
	Miniblock	24 782 04–S
	Gasket Set	24 755 23–S

Ref. No.	Description	Part No.

Obtain Parts from Kohler

Maintenance Record

Date								


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