FORM NO. 3321–200

TORO®

Z–Master

Z320 OFZ Traction Mower & Bagger Unit

Model No. 74191 – 890160 & Up

Parts Catalog

ORDERING REPLACEMENT PARTS

To order replacement parts, please supply: the part number, the quantity, and the description of each part desired.

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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
HFW	hex flange washer
HH	hex head
HHF	hex head flange
HHST	hex head self tapping
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
PH	pan head
PPH	Phillips pan head
PTO	power take off
RH	right hand
SFH	slotted fillister head
SH	square head
SHWH	slotted hex washer head
SPH	slotted pan head
STD	standard
TAP	self tapping
TH	truss head
TTH	Torx truss head
WH	wing head

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Important Format Explanations

This catalog uses special formats to convey information in illustrations and parts lists. Specifically, one format is used in conjunction with service assemblies and another with quantities associated with reference numbers.

Service Assemblies

Parts within service assemblies have reference numbers in the form *X:Y. X* is the reference number of the service assembly and *Y* is a sequential number unique to each part within the service assembly.

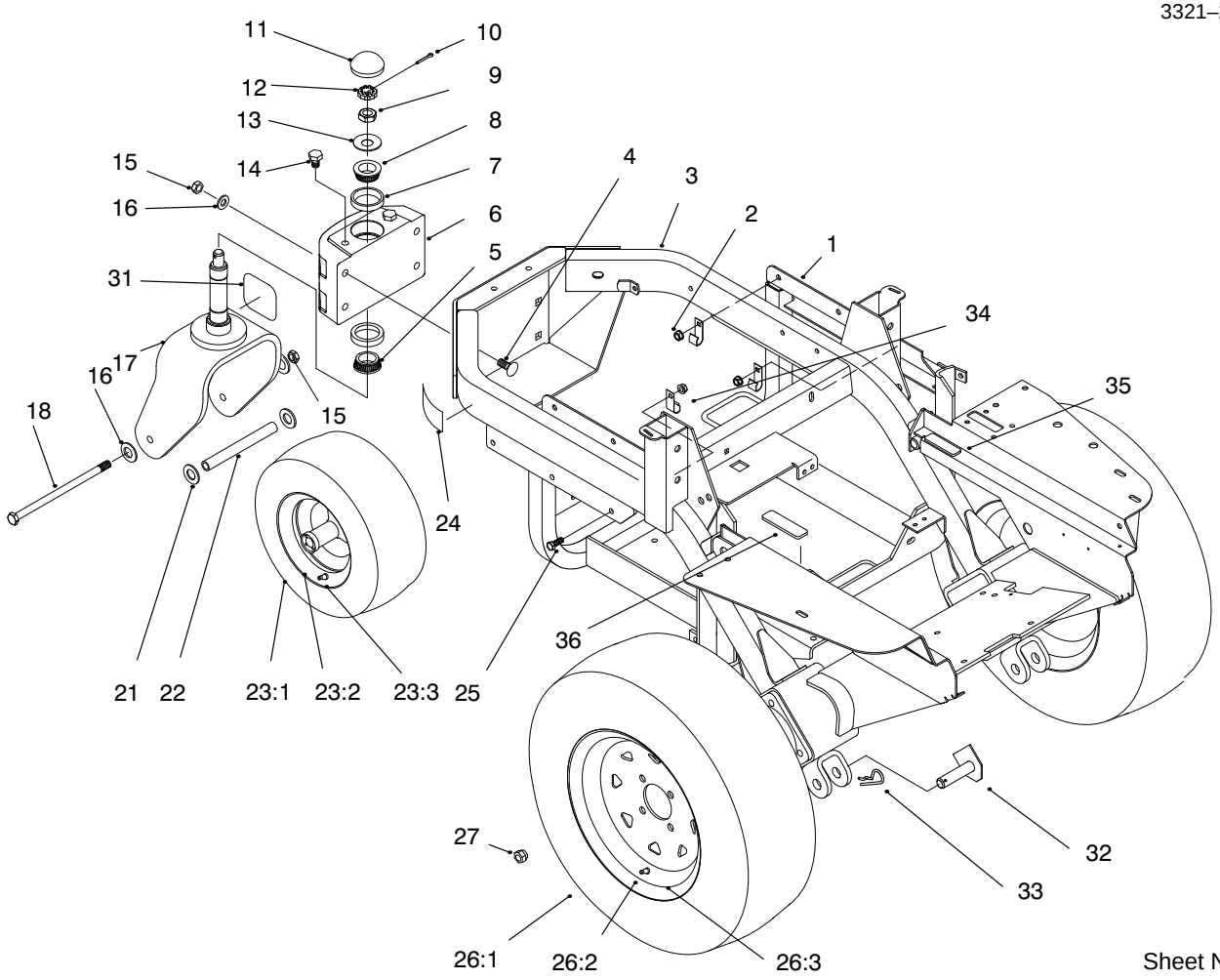
For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually.

Reference numbers of this type appear in part lists and as callouts in illustrations.

Reference Numbers with Quantities

Illustrations may have a quantity in parentheses next to a reference number, in the form *X (Y). X* is the reference number. *Y* in parentheses is the quantity of the part identified by the reference number.

For example, the illustration callout 4 (2) indicates that two parts are used in that instance.

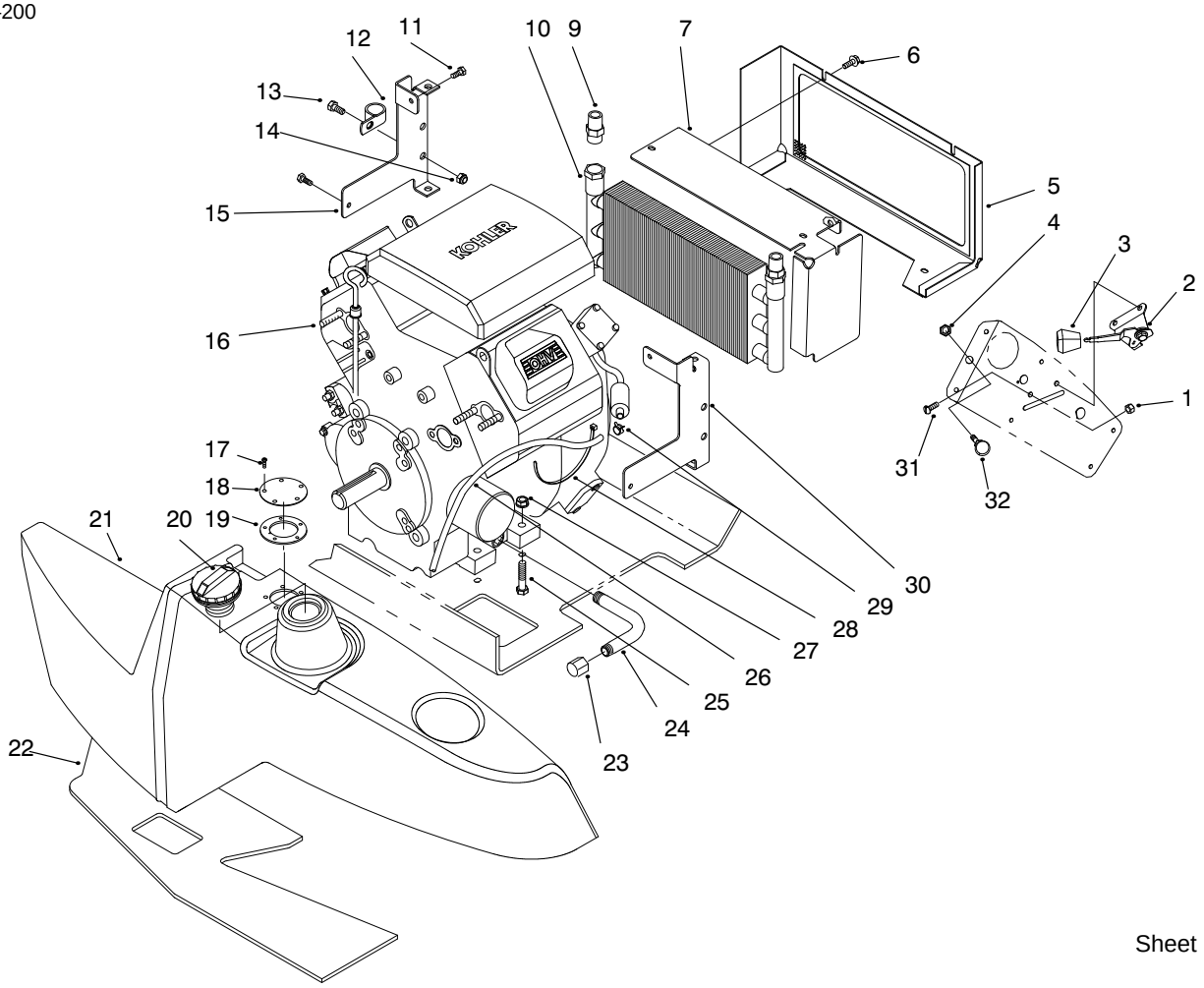


Sheet No.: 2

Frame & Wheels

Ref. No.	Part No.	Qty.	Description
1	94–4618–03	1	Support–Engine
2	3296–39	6	Nut–Lock
3	98–1976	1	Main Frame)
4	3233–27	4	Screw–CARR
5	254–70	1	Bearing w/Cone & Seal
6	94–9489–01	1	Housing–Spindle
7	254–61	2	Cup–Bearing
8	254–62	1	Cone–Bearing
9	3220–7	1	Nut–Jam
10	3272–17	1	Pin–Cotter
11	94–4665	1	Dustcap
12	93–0307	1	Nut–Lock
13	3256–8	1	Washer–Flat
14	325–2	2	Screw
15	3296–23	5	Nut–Lock
16	3256–26	6	Washer–Flat
17	94–4647–01	1	Castor Fork
18	325–24	1	Screw–HH
19	98–4383	1	Decal–Patent Numbers
20	63–9920	1	Decal – Eec 105 Dba
21	3256–39	2	Washer–Flat
22	94–4753	1	Tube–Spacer
23:1	94–9384	1	Tire
23:2	98–4351	1	Wheel ASM

Ref. No.	Part No.	Qty.	Description
23:3	232–27	1	Valve Stem
24	93–1265	1	Decal–Hot
25	323–6	6	Screw–HH
26:1	94–9387	2	Tire
26:2	232–27	2	Valve Stem
26:3	94–9386	2	Wheel
27	242–50	8	Nut–Lug
30	98–4372	1	Decal–90 Lpa
31	95–1956	1	Decal–Z320
32	94–4755	2	Pivot Pin ASM
33	3290–343	2	Pin–Cotter
34	8830	1	Retainer–”J”
35	52–5260	2	Rubber Pad
36	98–1977	1	Decal–Warning

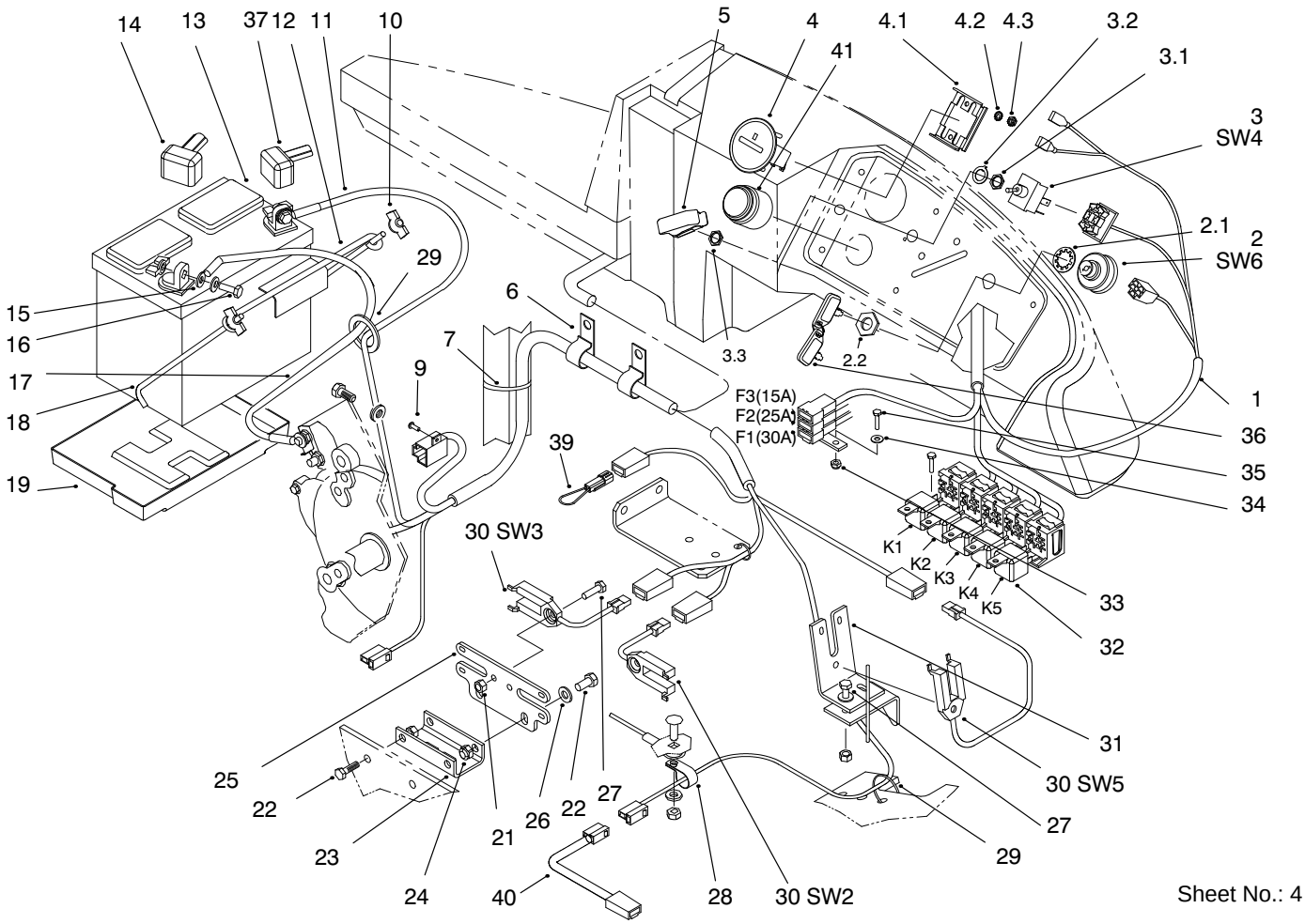


Sheet No.: 3

Engine & Fuel Tank

Ref. No.	Part No.	Qty.	Description
1	3296–2	2	Nut–Lock
2	98–4350	1	Control–Throttle
3	66–0120	1	Knob
4	3220–3	1	Nut–Hex Jam
5	94–9556–03	1	Cooler Shroud ASM
6	3234–4	6	Screw–HH
7	98–1969–03	1	Cooler Shroud ASM
9	93–5107	2	Fitting–Adapter
10	24–0760	1	Exchanger–Heat
11	32144–10	2	Screw–HH
12	2412–39	4	R–Clamp
13	322–3	4	Screw–HH
14	3296–29	4	Nut–Lock
15	98–1972–03	1	Bracket–Rear
16	94–9461	1	Engine Kohler Ch20
17	3250–29	5	Screw
18	94–9597–03	1	Cover–Fuel Tank Opening
19	62–7650	1	Gasket
20	93–3101	1	Gas Cap
21	94–9553	1	Fuel Tank ASM
22	98–1319	1	Foam–Tank
23	288–4	1	Cap–Pipe
24	94–9499	1	Tube–Oil Drain
25	323–9	4	Screw–HH
26	94–9502	1	Hose–Gas

Ref. No.	Part No.	Qty.	Description
27	3296–39	4	Nut–Lock
28	3290–378	A/R	Tie–Cable
29	2412–98	2	Clamp–Hose
30	98–1971–03	1	Bracket–Front
31	3250–13	2	Screw
32	98–1956	1	Control–Push Pull

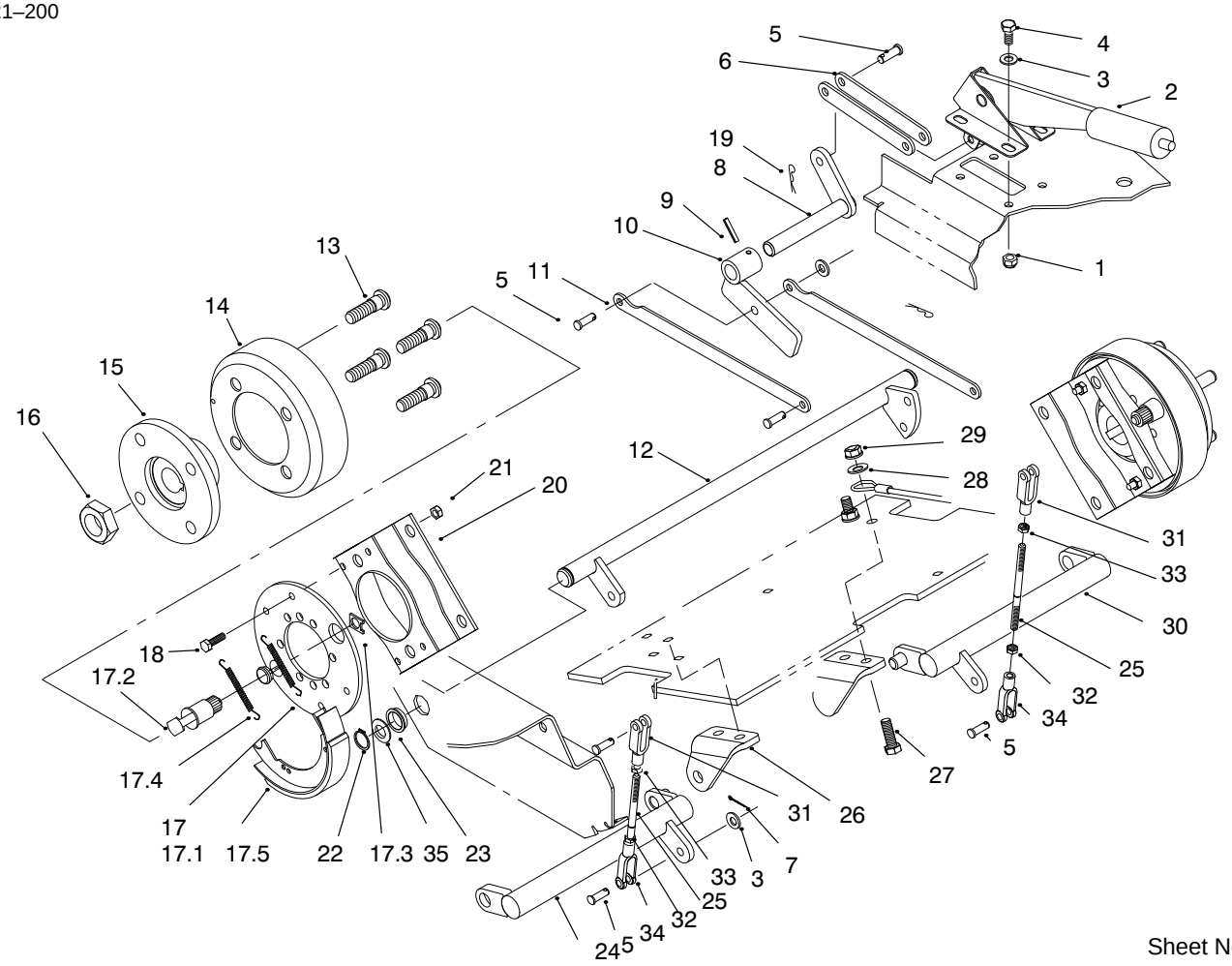


Sheet No.: 4

Electrical System

Ref. No.	Part No.	Qty.	Description
1	98–3317	1	Harness–Wire
2	111216	1	Switch–Ignition
2:1	101884	2	Nut–Hex
2:2	9201604	1	Washer–Lock
3	92–9811	1	Switch–Toggle
3:1	105805	1	Nut
3:2	102950	1	Washer
3:3	113179	1	Nut
4	78–0020	1	Hourmeter
4:1	78–3320	1	Clamp–Hour Meter
4:2	3255–25	2	Washer–Lock
4:3	3217–27	2	Nut–HH
5	113050	1	Cover–Switch
6	94–9580	2	Clamp–J
7	3290–379	A/R	Tie–Cable
9	32144–74	2	Screw
10	32103–22	4	Nut–Wing
11	92–6287	1	Wire–Ground
12	113010	1	Hold Down
13	94–6666	1	ASM–Battery/Decal
14	28–8080	1	Boot–Terminal
15	3256–22	4	Washer–Flat
16	321–4	2	Screw–HH
17	28–3893	1	ASM–Wire
18	94–6146	2	Retainer–Battery
19	106948	1	Tray–Battery

Ref. No.	Part No.	Qty.	Description
21	3296–42	5	Nut–Lock
22	322–3	4	Screw–HH
23	94–4797–03	1	Channel–Mount Switch
24	3296–29	4	Nut–Lock
25	94–9460	1	Plate–Switch Mount
26	3256–23	2	Washer–Flat
27	321–4	5	Screw–HH
28	2412–93	1	R–Clamp
29	3290–378	A/R	Tie–Cable
30	98–1324	3	Switch–Interrupter
31	94–4696	1	Angle–Mount
32	116397	5	Relay
33	3296–2	3	Nut Lock
34	3256–14	3	Washer–Flat
35	32105–13	3	Screw–HH
36	62–7770	2	Key–Ignition
37	98–0603	1	Boot–Terminal
40	98–4373	1	Harness–Adapter
41	80–9330	1	Alarm–Audio ASM

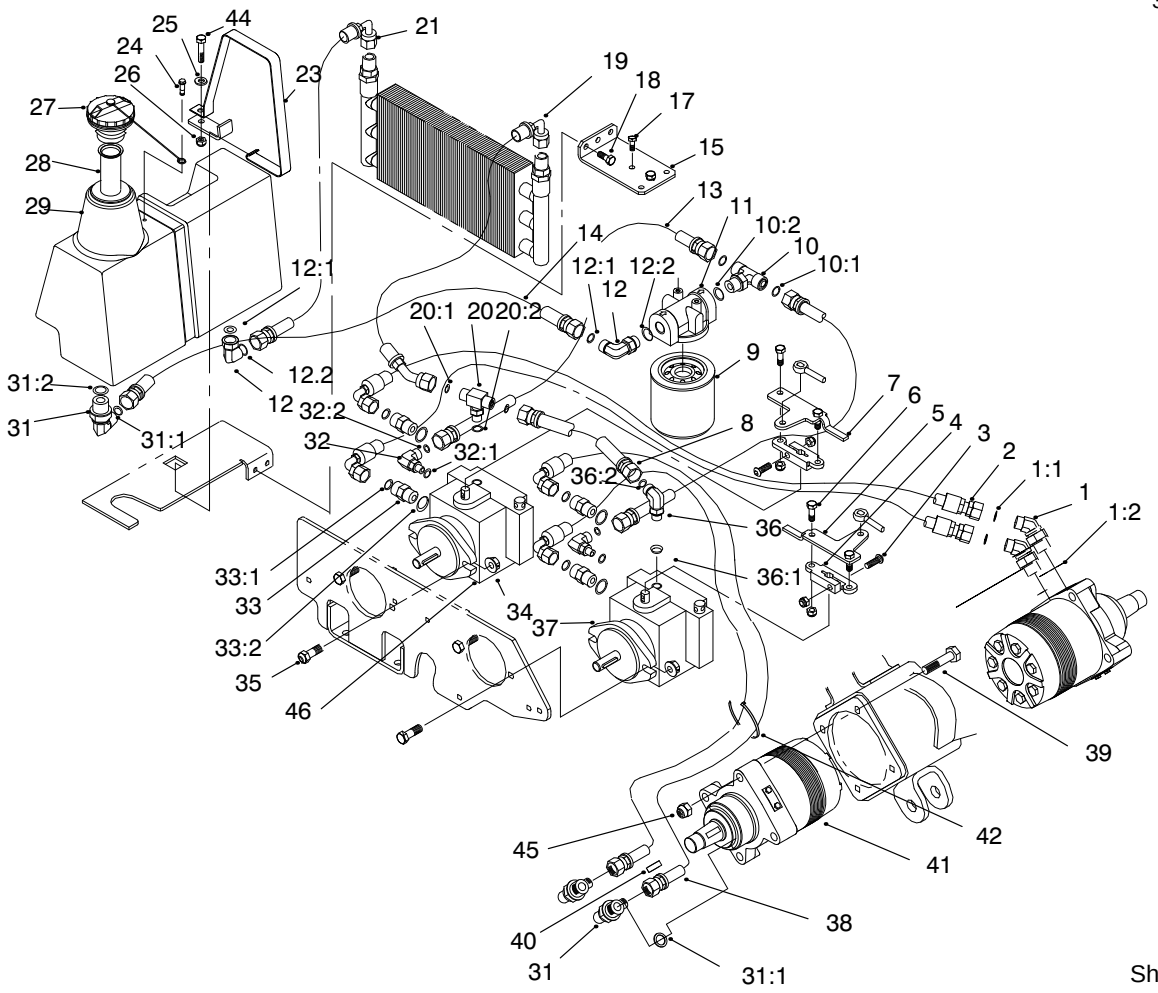


Sheet No.: 5

Parking Brake

Ref. No.	Part No.	Qty.	Description
1	3296–29	4	Nut–Lock
2	94–4602	1	Lever–Brake
3	3256–23	4	Washer–Flat
4	322–3	4	Screw–HH
5	283–1	8	Pin–Clevis
6	98–1992	2	Link–Brake
7	3272–10	2	Pin–Cotter
8	98–1990	1	Transfer Shaft ASM
9	32121–93	1	Pin–Spiral
10	98–1994	1	Brake Hub ASM
11	98–1991	2	Link–Connect
12	98–1988	1	Torsion Shaft ASM
13	85–6540	8	Stud
14	10–6850	2	Drum Brake
15	10–6870	2	Hub–Wheel
16	26–3790	2	Nut–Lock
17	71–1500	2	Brake ASM
17:1	70–9870	2	Plate–Backing
17:2	70–9860	2	Cam Shaft
17:4	70–9880	4	Spring–Return
17:5	70–9840	4	Brake Shoe
18	321–4	8	Screw–HH
19	3290–307	6	Pin–Cotter
20	84–2000	2	Bracket–Brake
21	3296–42	8	Nut–Lock
22	32120–72	2	Ring–Retaining

Ref. No.	Part No.	Qty.	Description
23	106950	2	Bushing
24	98–1998	1	RH Brake Lever ASM
25	98–1996	2	Rod–Brake
26	94–9573–01	2	Mount–Lever
27	323–18	4	Screw–HH
28	3256–24	1	Washer–Flat
29	3296–39	4	Nut–Lock
30	98–1997	1	LH Brake Lever ASM
31	282–2	2	Pin–Clevis
32	3220–20	2	Nut–Hex Jam
33	3220–2	2	Nut–Jam
34	98–4367	2	Clevis–Adjustable
35	9202547	A/R	Washer

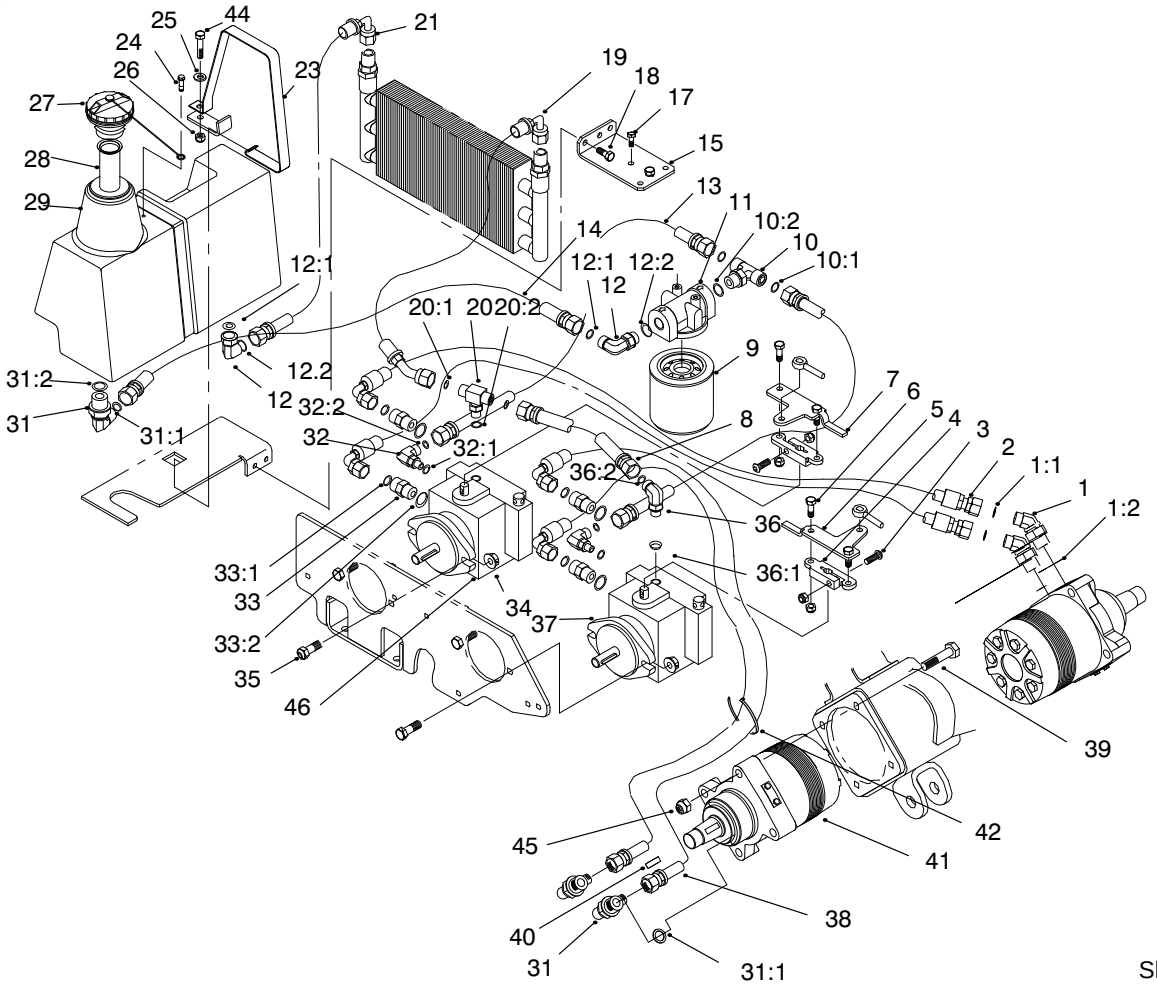


Sheet No.: 6

Hydraulic System

Ref. No.	Part No.	Qty.	Description
1	340–89	2	Fitting–Hydraulic
1:1	237–30	2	O–Ring
1:2	237–80	2	O–Ring
2	94–4714	2	Hose ASM–Hyd
3	3274–83	2	Screw–HSH
4	94–4678	2	Arm–Pump Control
5	94–4701–03	1	Plate–Control
6	322–5	4	Screw–HH
7	94–4702–03	1	Plate–Control
8	94–4712	1	Hose ASM–Hyd
9	67–8110	1	Filter–Oil
10	340–157	1	Fitting–Hydraulic
10:1	237–30	1	O–Ring
10:2	237–79	1	O–Ring
11	86–9080	1	Head–Filter
12	340–98	2	Fitting–Hydraulic
12:1	237–30	2	O–Ring
12:2	237–79	2	O–Ring
13	98–4384	2	Hose ASM – Hyd
14	94–4710	1	Hose ASM–Hyd
15	94–9525–03	1	Angle–Mount
17	3234–4	2	Screw–HH
18	32144–14	2	Screw–HH
19	94–4713	1	Hose ASM–Hyd
20	340–94	1	Tee
20:1	237–22	2	O–Ring

Ref. No.	Part No.	Qty.	Description
20:2	237–42	1	O–Ring
21	94–4709	1	Hose ASM–Hyd
23	94–4642–03	1	Strap–Hydraulic Tank
24	3290–126	1	Screw–Hfh
25	3256–23	1	Washer–Flat
26	3296–29	7	Nut–Lock
27	93–4365	1	Oil Cap
28	92–1705	1	Screen–Filter
29	94–4700	1	Tank–Hydraulic
31	340–105	3	Fitting–Elbow
31:1	237–30	3	O–Ring
31:2	237–80	3	O–Ring
32	340–97	2	Fitting–Hydraulic
32:1	237–22	2	O–Ring
32:2	237–78	2	O–Ring
33	340–4	4	Fitting–Hydraulic
33:1	237–30	4	O–Ring
33:2	237–79	4	O–Ring
34	32128–42	4	Nut–Hex Flange
35	324–5	4	Screw–HH
36	340–77	1	Fitting–Hydraulic
36:1	237–22	1	O–Ring
36:2	237–42	1	O–Ring
37	98–4375	1	Pump–Hydraulic
38	94–4705	2	Hose ASM
39	3274–93	8	Screw–HSH

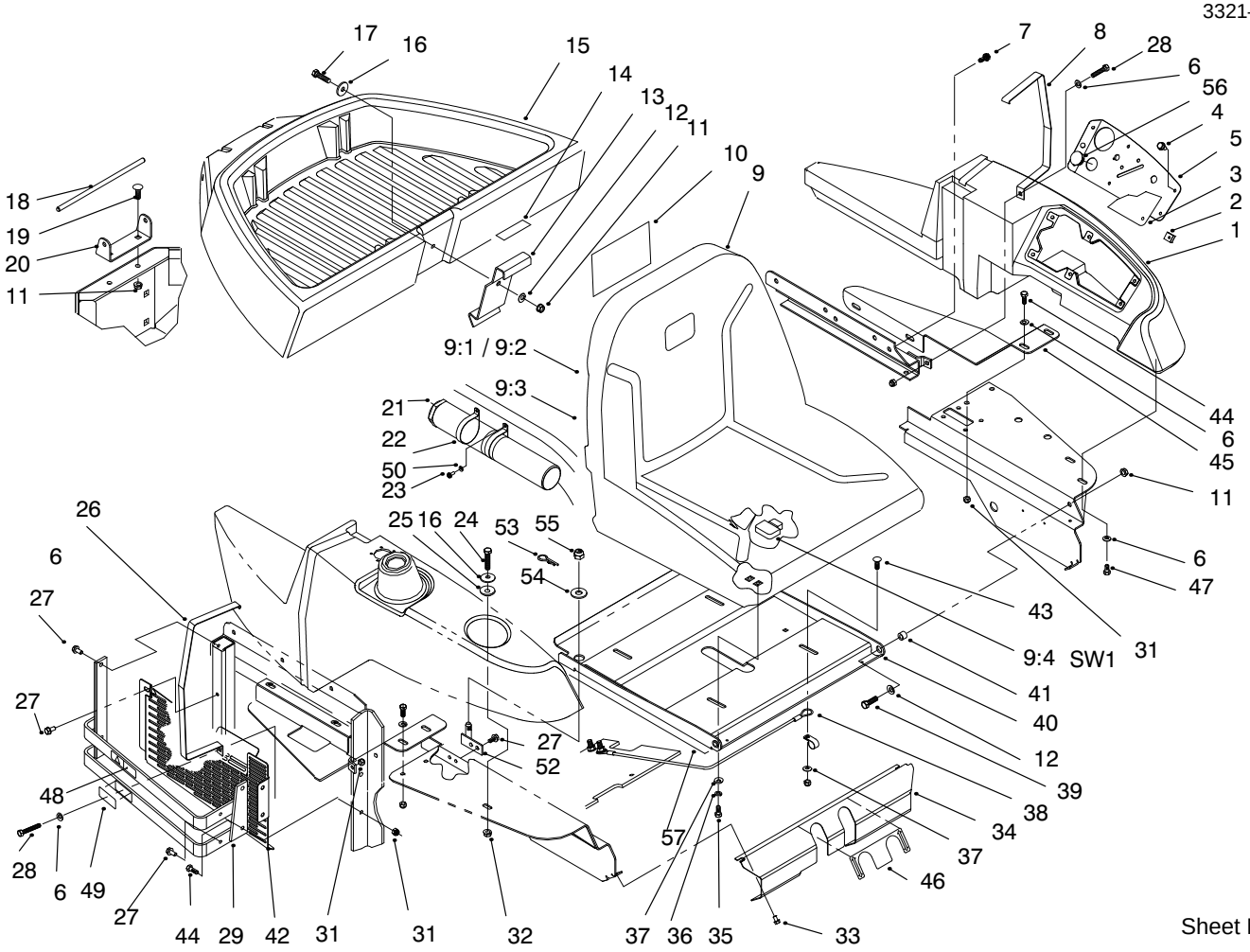


Sheet No.: 6

Hydraulic System

Ref. No.	Part No.	Qty.	Description
40	3257–42	2	Key–Woodruff
41	94–4640	2	Motor–Hyd Wheel
42	3290–378	A/R	Tie–Cable
44	322–10	1	Screw–HH
45	3296–23	8	Nut–Lock
45	76–0800	2	Seal Kit–Wheel Motor
46	98–4374	1	Pump–Hydraulic

Ref. No.	Part No.	Qty.	Description



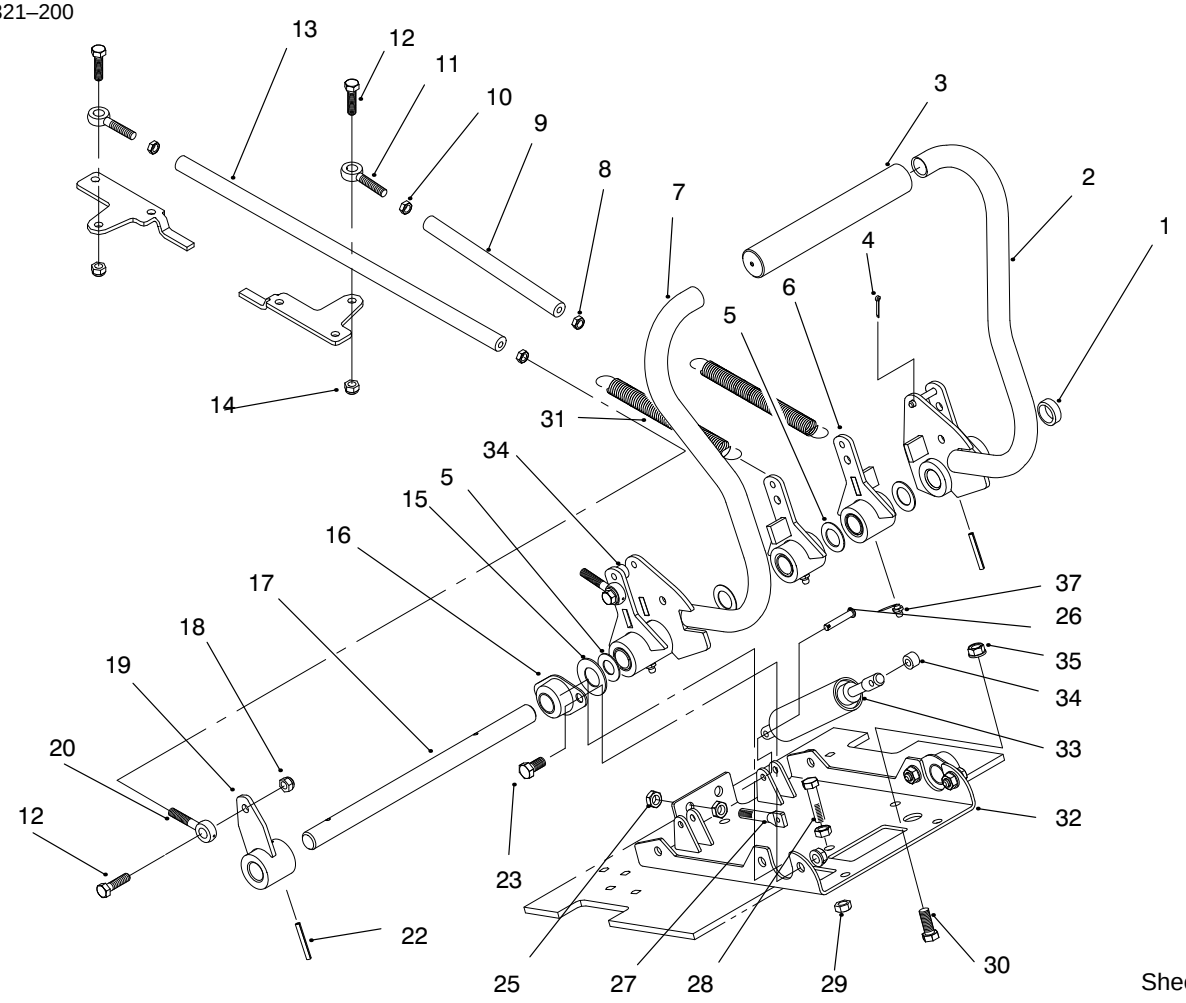
Sheet No.: 7

Seat And Fenders

Ref. No.	Part No.	Qty.	Description
1	94–4698	1	Console
2	95–1962	6	Clip
3	98–1973	1	Decal–Instrument
4	32144–124	6	Screw–PPH
5	98–1999–03	1	Panel–Instrument
6	3256–23	8	Washer–Flat
7	32144–11	4	Screw–TAP
8	94–9488–03	1	Strap–Console
9	92–6280	1	Seat ASM
9:1	92–6534	1	Shell–Seat
9:2	92–6533	1	Kit–Replacement Cushion
9:3	351–78	1	Edging
9:4	92–6282	1	Seat–Switch
9:5	321–3	2	Screw–HH
9:6	351–80	1	Edging Clip
11	3296–39	2	Nut–Lock
12	3256–24	2	Washer–Flat
16	63–8410	1	Washer–Flat
21	74–0720	1	Tube–Manual
22	2412–120	2	Clamp–R
23	3269–8	2	Rivet
24	323–9	1	Screw–HH
25	240–11	1	Grommet
26	94–4799–03	1	Strap–Fuel Tank
27	32144–14	7	Screw–HWH
28	322–10	2	Screw–HH
29	98–4377	1	Bumper ASM
30	94–4798–01	1	Plate–Tank Support

Ref. No.	Part No.	Qty.	Description
31	3296–29	9	Nut–Lock
32	3290–357	1	Nut–Lock Flange
33	32144–4	4	Screw–TAP
34	94–9491–01	1	Plate–Cover
35	322–3	4	Screw–HH
36	3253–4	4	Washer–Lock
37	3256–2	5	Washer–Flat
38	98–4371	1	Cable–Seat
39	323–7	2	Screw–HH
40	94–9529–01	1	Plate–Seat
41	52–2480	2	Spacer
42	98–1987–03	1	Guard–Belt
43	3230–2	1	Screw–CARR
44	322–4	6	Screw–HH
45	94–4635–01	1	Plate–Console Support
46	98–1974	1	Decal–Operation
47	322–2	2	Screw–HH
48	98–1977	1	Decal–Warning
49	93–1265	1	Decal–Hot
50	3256–21	2	Washer–Flat
52	98–1985	1	Latch–ASM
54	3256–6	1	Washer–Flat
55	3296–23	1	Nut–Lock
57	98–4389	1	Foan–Plate

3321–200

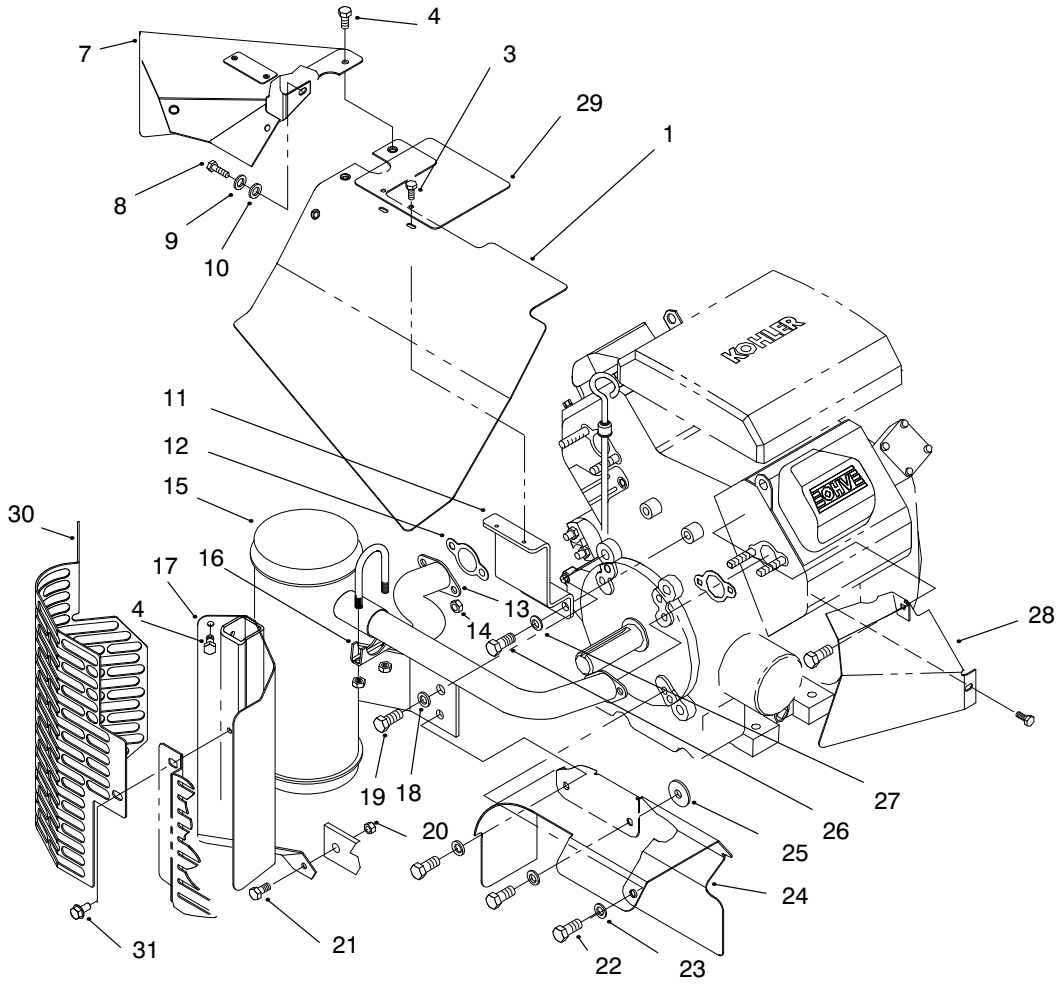


Sheet No.: 8

Steering Controls

Ref. No.	Part No.	Qty.	Description
1	94–9524	1	Spacer–Control
2	94–9517–03	1	Handle–Control LH
3	94–9490	2	Grip–Cushion
4	3272–4	4	Pin–Cotter
5	9202574	A/R	Washer–Flat
6	94–9552	2	Center Control ASM
7	94–9551	1	Handle–Control RH
8	3220–20	2	Nut–Hex Jam
9	94–4717	1	Rod–Control
10	3220–2	2	Nut–Jam
11	2411–52	2	Rod–End RH
12	322–5	4	Screw–HH
13	94–4718	1	Rod–Control
14	3296–29	2	Nut–Lock
15	3256–39	1	Washer–Flat
16	27–2320	2	Bearing
17	94–9515	1	Shaft–Control
18	3296–47	2	Nut–Lock
19	94–9594–03	1	Hub–Control
20	2411–53	2	Rod–End LH
22	32121–103	2	Pin–Spring
23	323–4	4	Screw–HH
25	3218–3	4	Nut–HJ
26	283–66	4	Pin–Clevis
27	113697	2	Eye Bolt
28	323–8	2	Screw–HH

Ref. No.	Part No.	Qty.	Description
29	3217–7	4	Nut–Lock
30	323–6	3	Screw–HH
31	98–1322	2	Spring–Extension
32	94–9591–03	1	Mount–Channel
33	94–9596	2	Damper–Control
34	94–9593	2	Spacer–Damper
35	3296–39	7	Nut–Lock
37	302–5	3	Fitting–Grease

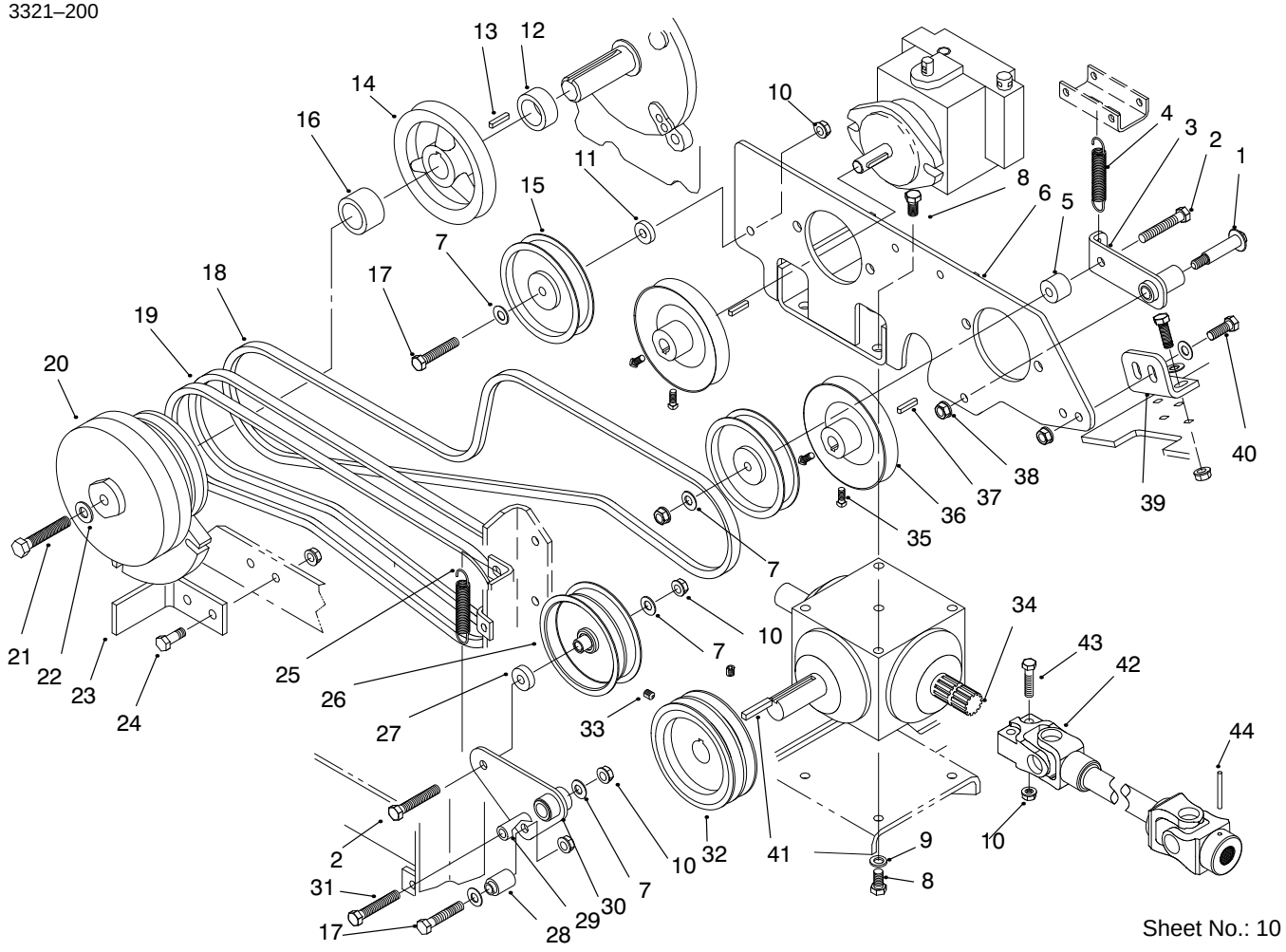


Sheet No.: 9

Heat Shields And Exhaust

Ref. No.	Part No.	Qty.	Description
1	98–1967	1	Top Heat Baffle ASM
3	98–4386	2	Screw–Thread Forming
4	3234–4	4	Screw–HH
7	98–4368	1	Rear Heat Baffle Ce ASM
8	42–9430	1	Bolt w/Washer
9	48–8020	1	Washer–Lock
10	33093–00	1	Washer–Flat M6
11	94–9561–03	1	Bracket–Manifold Shield
12	93–0350	2	Gasket–Exhaust
13	94–9494	1	Manifold
14	92–6780	4	Nut–HHF
15	94–9495	1	Muffler
16	2112–11	1	Clamp–Muffler
17	98–1329	1	Baffle–Heat
18	3253–6	1	Washer–Lock
19	324–4	1	Screw–HH
20	3296–42	1	Nut–Lock
21	321–4	1	Screw–HH
22	323–5	3	Screw–HH
23	3253–5	3	Washer–Lock
24	98–1326	1	Baffle–Heat
25	2844	1	Washer–Flat
26	33114–020	2	Screw–HH

Ref. No.	Part No.	Qty.	Description
27	42–9850	2	Washer–Lock
28	98–1349	1	Baffle–Heat
29	98–1979	1	Panel–Access
30	98–1980–03	1	Guard–Muffler
31	32144–14	2	Screw–HWH

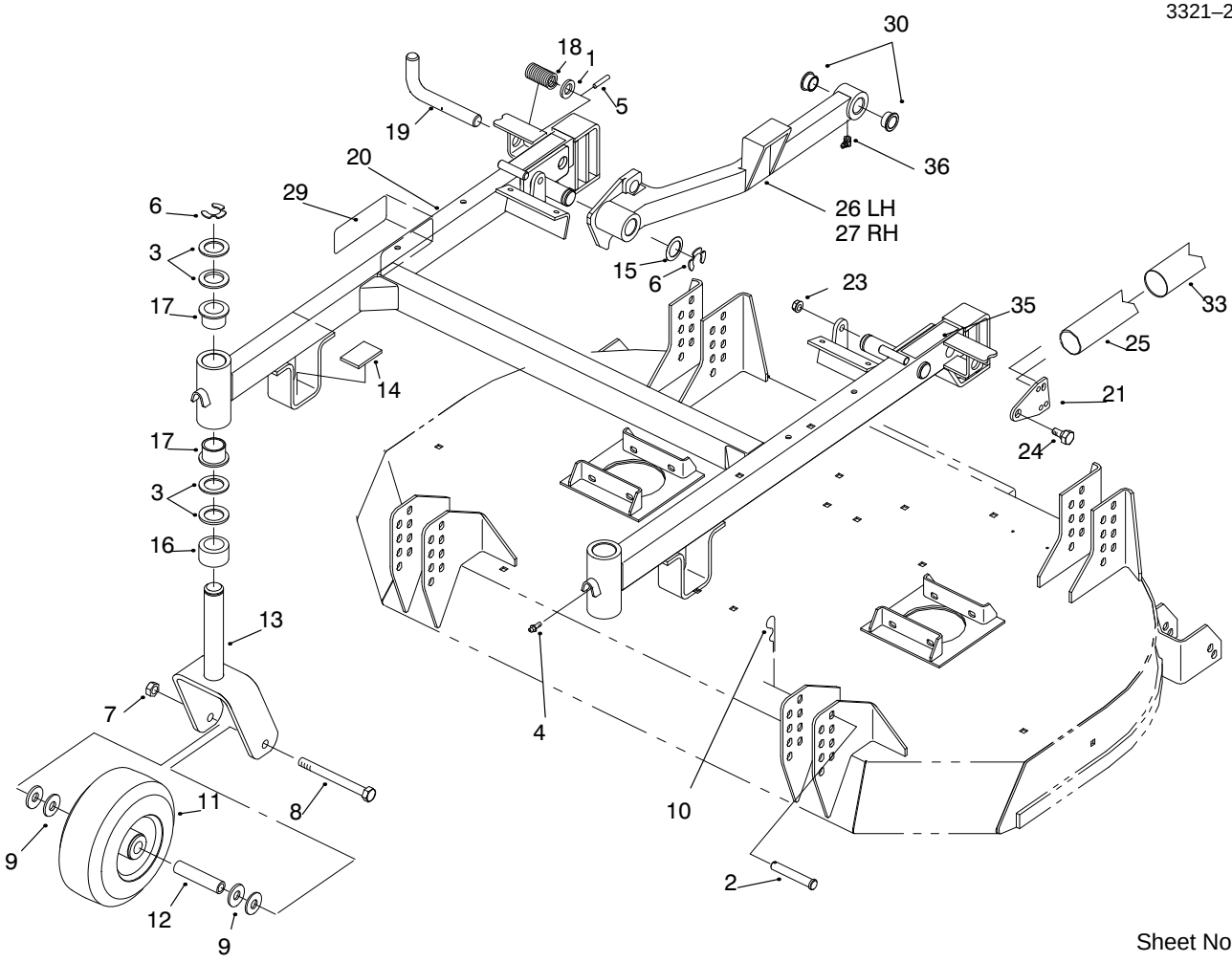


Sheet No.: 10

Drive Systems

Ref. No.	Part No.	Qty.	Description
1	27–6230	1	Bolt–Wheel
2	323–11	2	Screw
3	95–1950	1	Arm ASM
4	94–9599	1	Spring–Extension
5	94–4792	1	Spacer–Idler Arm
6	94–4658–03	1	Pump–Mount
7	3256–24	5	Washer–Flat
8	3234–1	8	Screw–HHF
10	3296–39	13	Nut–Lock
11	9202204	1	Washer
12	94–4688	1	Spacer–Engine Shaft
13	5–0698	1	Key
14	94–4628	1	Engine–Pulley
15	93–1622	2	Pulley–Idler
16	94–4689	1	Spacer–Engine Shaft
17	323–10	2	Screw–HH
18	94–4607	1	Belt–Pump Drive
19	94–4608	1	Belt–PTO
20	94–4632	1	Clutch ASM
21	3212–10	1	Screw
22	3256–25	1	Washer–Flat
23	98–1301–03	1	Stop–Clutch
24	323–6	2	Screw–HH
25	88–6460	1	Spring – Extension
26	66–4210	1	Pulley–Idler
27	94–4685	1	Spacer–Idler

Ref. No.	Part No.	Qty.	Description
28	95–1967	1	Spacer–Spring
29	114511	1	Spacer
30	95–1968	1	Idler Arm ASM
31	323–31	1	Screw–Hhcs
32	94–4629	1	Clutch–Pulley
33	3246–3	2	Screw–HSH
34	94–4641	1	Gearbox–PTO Drive
35	3241–5	4	Set Screw
36	80–8170	2	Pulley–Pump
37	80–6090	2	Key–Square
38	3296–6	1	Nut–Lock
39	94–4787–03	1	Mount–Plate
40	3234–11	4	Screw–HHF
41	67–7490	1	Key
42	94–4722	1	Shaft–Drive
43	323–19	2	Screw–HH
44	32121–48	1	Pin–Roll

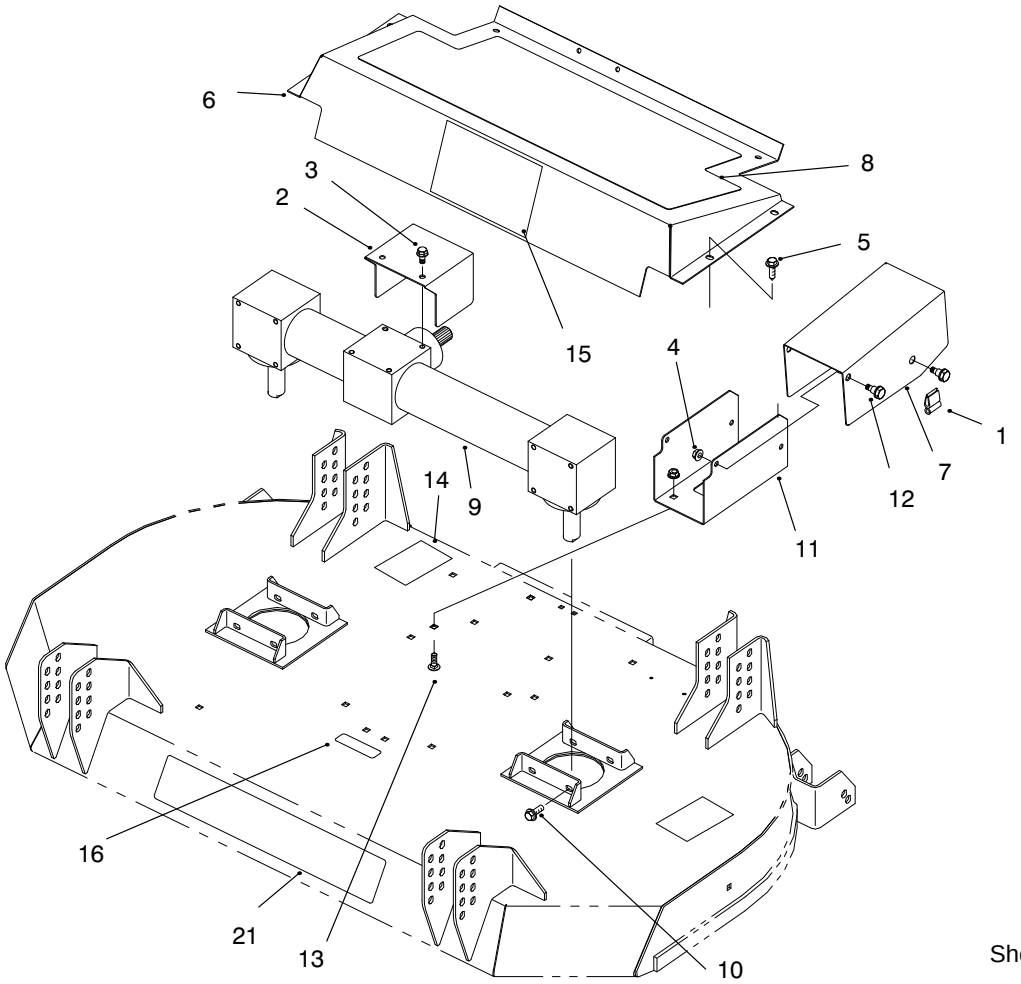


Sheet No.: 15

Carrier Frame

Ref. No.	Part No.	Qty.	Description
1	920225	2	Washer
2	283–55	4	Pin–Clevis
3	3–6781	8	Washer–Thrust
4	302–5	2	Fitting–Grease
5	32121–79	2	Roll Pin
6	32151–91	4	Ring–Retaining
7	32153–5	2	Nut–Lock
8	325–19	2	Screw–HH
9	3256–6	8	Washer–Flat
10	3290–355	4	Pin–Hair
11	98–2859	2	Wheel & Tire ASM
12	68–8980	2	Bushing–Spanner
13	98–2857	2	Castor Fork ASM
14	95–4303	2	Cushion–Rubber
15	9202514	2	Washer–Flat
16	93–1167	2	Spacer–Castor
17	94–1291	4	Bushing–Special
18	98–1339	2	Spring–Compression
19	98–1337	2	Pin–Pivot
20	95–4304	1	Frame–Carrier
21	94–4750	4	Plate–End
23	3296–39	4	Nut–Lock
24	46–3380	4	Bolt–Shoulder
25	94–4664	2	Spring–Extension
26	17–8379	1	LH Push Arm ASM
27	17–8389	1	RH Push Arm ASM

Ref. No.	Part No.	Qty.	Description
29	98–4362	1	Decal–H.O.C.
30	27–9080	4	Bushing
33	94–9550	2	Cover–Spring
35	55–4300	2	Decal–Warning
36	302–60	2	Fitting–Lube 90°

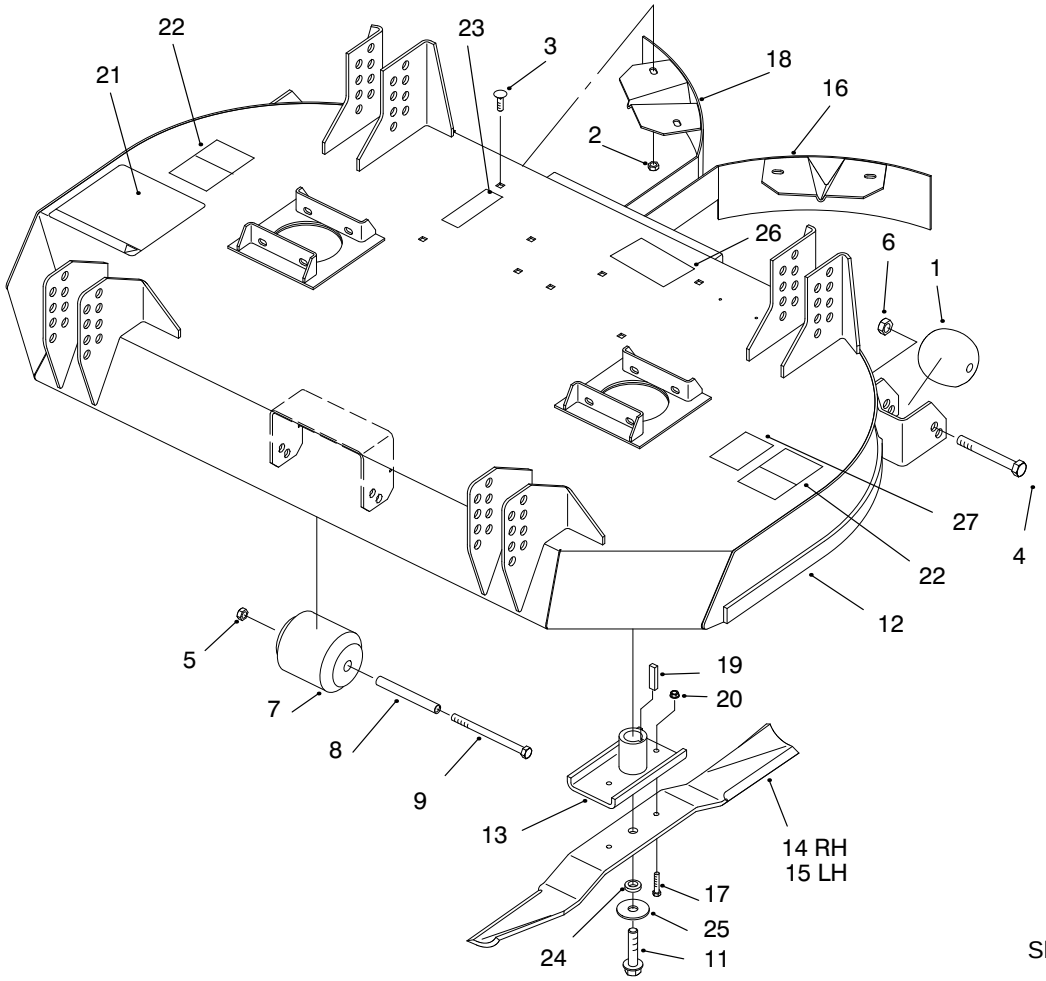


Sheet No.: 16

Gear Box And Covers

Ref. No.	Part No.	Qty.	Description
1	98–0815	2	Strip–Seal
2	98–7314	1	Cover–Gearbox
3	3234–28	2	Screw–HHF
4	32128–13	5	Nut–Lock Flange
5	32144–14	6	Screw–HWH
6	95–4322	1	Footrest
7	98–7305	1	Cover–Driveshaft
8	95–4342	1	Footrest–Abrasive
9	93–4448	1	Gearbox ASM
10	3234–5	8	Screw–HHF
11	98–7306	1	Support–Cover
12	92–6986	3	Bolt–Shoulder
13	3230–23	2	Bolt–CARR
14	98–4385	1	Decal–Danger
15	62–5550	1	Decal–Toro
16	93–6697	1	Decal–Lube
21	94–6407	1	Decal–Guardian 48”

Ref. No.	Part No.	Qty.	Description

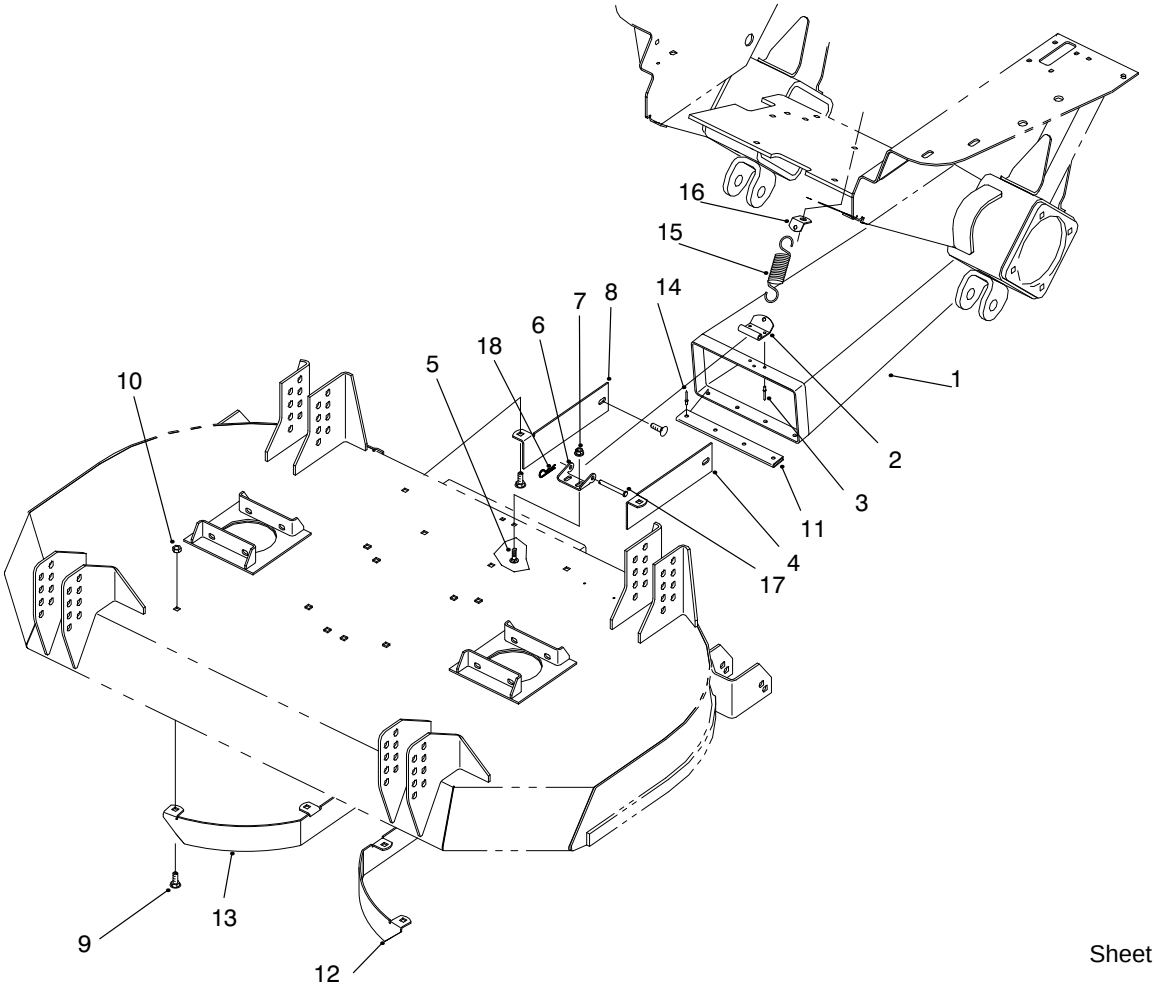


Sheet No.: 17

Deck Asm And Blades

Ref. No.	Part No.	Qty.	Description
1	29–4820	2	Roller
2	32128–13	6	Nut–Lock Flange
3	3230–23	6	Bolt–CARR
4	325–17	2	Screw–HH
5	3296–39	1	Nut–Lock
6	3296–25	2	Nut–Hex
7	93–4803	1	Roller–Deck
8	93–4685	1	Spacer
9	323–39	1	Screw–HH
11	92–5816	2	Screw – Blade
12	95–4308	1	48” Deck ASM
13	98–0810	2	Blade Retainer ASM
14	98–3028	1	Blade–25” LH
15	98–3029	1	Blade–25” RH
16	98–3017	1	Kicker–LH
17	321–5	4	Screw–HH
18	98–3018	1	Kicker–RH
19	67–7490	2	Key
20	3296–16	4	Nut–Lock
21	98–4358	1	Decal–Danger
22	98–4369	2	Decal–Danger
23	98–4385	1	Decal–Danger
24	98–3030	2	Spacer
25	86–1990	2	Washer
26	93–7010	1	Decal–Danger

Ref. No.	Part No.	Qty.	Description
27	98–4363	1	Decal–Torque

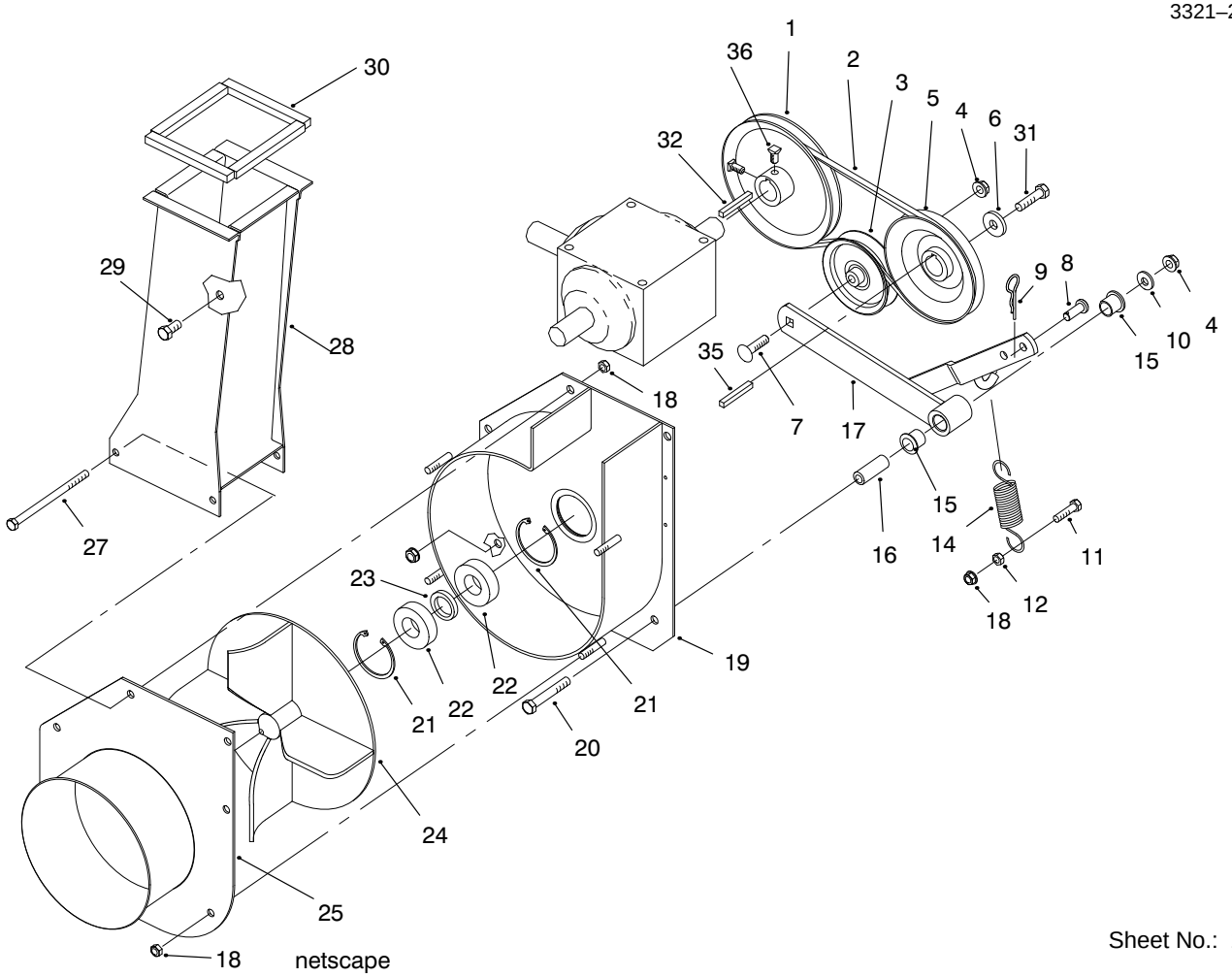


Sheet No.: 19

Plenum And Discharge Bracket

Ref. No.	Part No.	Qty.	Description
1	95–4323	1	Plenum
2	98–7316	1	Bracket–Plenum
3	3269–25	3	Rivet–Pop
4	98–3002	1	Bracket–Discharge
5	3229–25	2	Screw–CARR
6	98–7317	1	Bracket–Hinge
7	32128–32	2	Nut–Hex Flange
8	98–3003	1	Bracket–Discharge
9	3230–23	10	Bolt–CARR
10	32128–13	10	Nut–Lock Flange
11	98–0843	1	Guard–Plenum
12	98–3015	1	Baffle–LH
13	98–3016	1	Baffle–RH
14	3269–4	4	Rivet–Pop
15	98–3037	1	Spring–Extension
16	98–3035	1	Bracket–Spring
17	283–49	1	Pin–Clevis
18	3290–250	1	Pin–Cotter

Ref. No.	Part No.	Qty.	Description

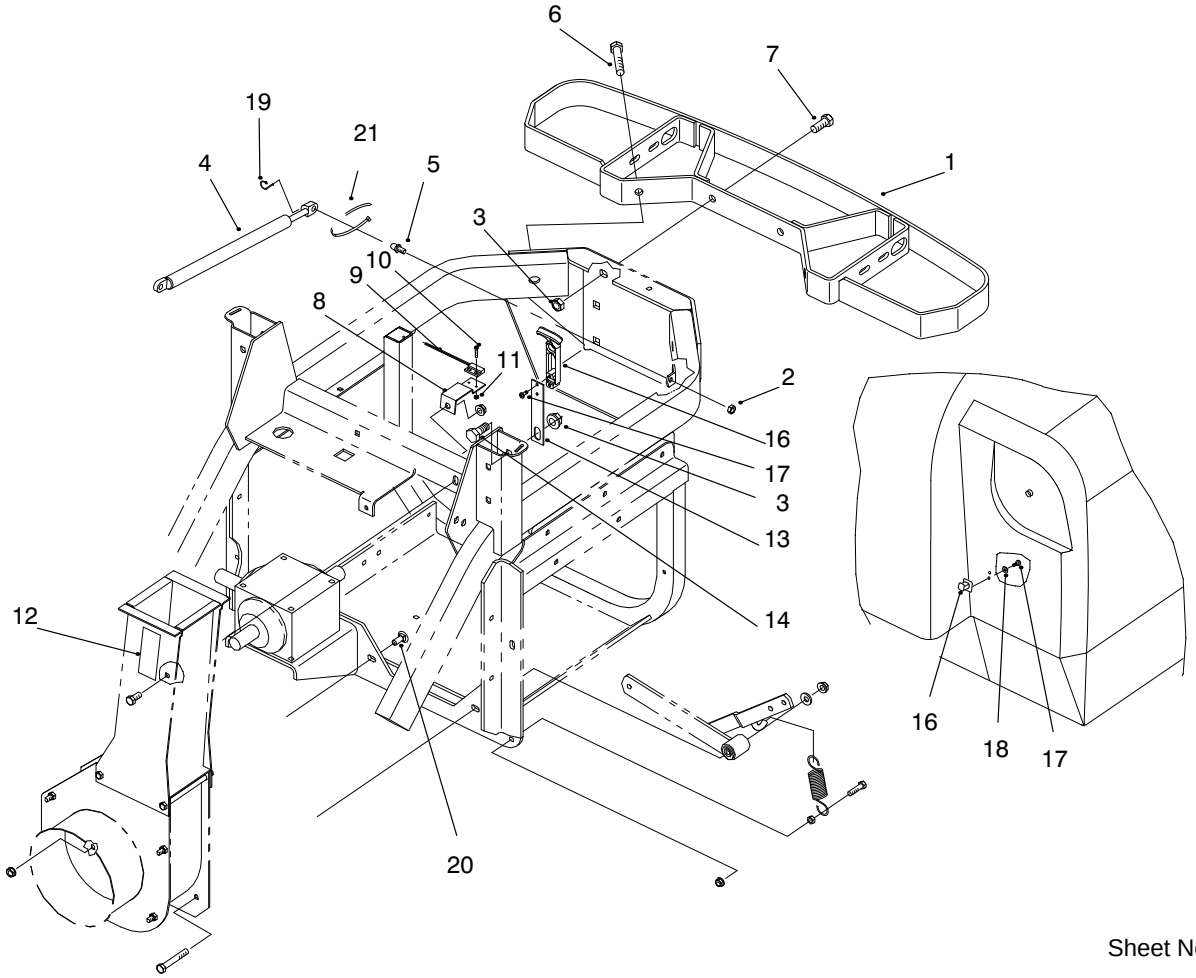


Sheet No.: 20

Blower Assembly

Ref. No.	Part No.	Qty.	Description
1	98–4392	1	Pulley–Cast
2	98–4393	1	V–Belt
3	56–4920	1	Pulley–Idler
4	32128–21	4	Nut–HF
5	95–6438	1	Pulley–Impeller
6	65–8680	1	Washer
7	3231–4	1	Bolt–CARR
8	283–2	1	Pin–Clevis
9	3290–467	1	Pin–Cotter
10	3256–3	1	Washer–Flat
11	322–6	1	Screw–HH
12	3217–6	1	Nut–Hex
14	67–1440	1	Spring–Ext
15	256–90	2	Bushing–Flange
16	95–6448	1	Spacer
17	95–6437	1	Idler Arm ASM
18	32128–25	7	Nut–Hex Flange
19	95–6435	1	Housing ASM
20	323–12	1	Screw
21	32120–8	2	Snap Ring (N5000–206)
22	251–82	2	Bearing–Ball
23	95–6427	1	Spacer–Bearing
24	98–4391	1	Impeller ASM
25	95–6436	1	Cover ASM
27	322–29	2	Screw–HH

Ref. No.	Part No.	Qty.	Description
28	95–4345	1	Impeller Chute ASM
29	323–4	1	Screw–HH
30	98–0824	4	Strip–Foam
31	323–5	1	Screw–HH
32	67–7490	1	Key
35	10–7070	1	Key–Sq
36	3242–4	2	Screw–Set

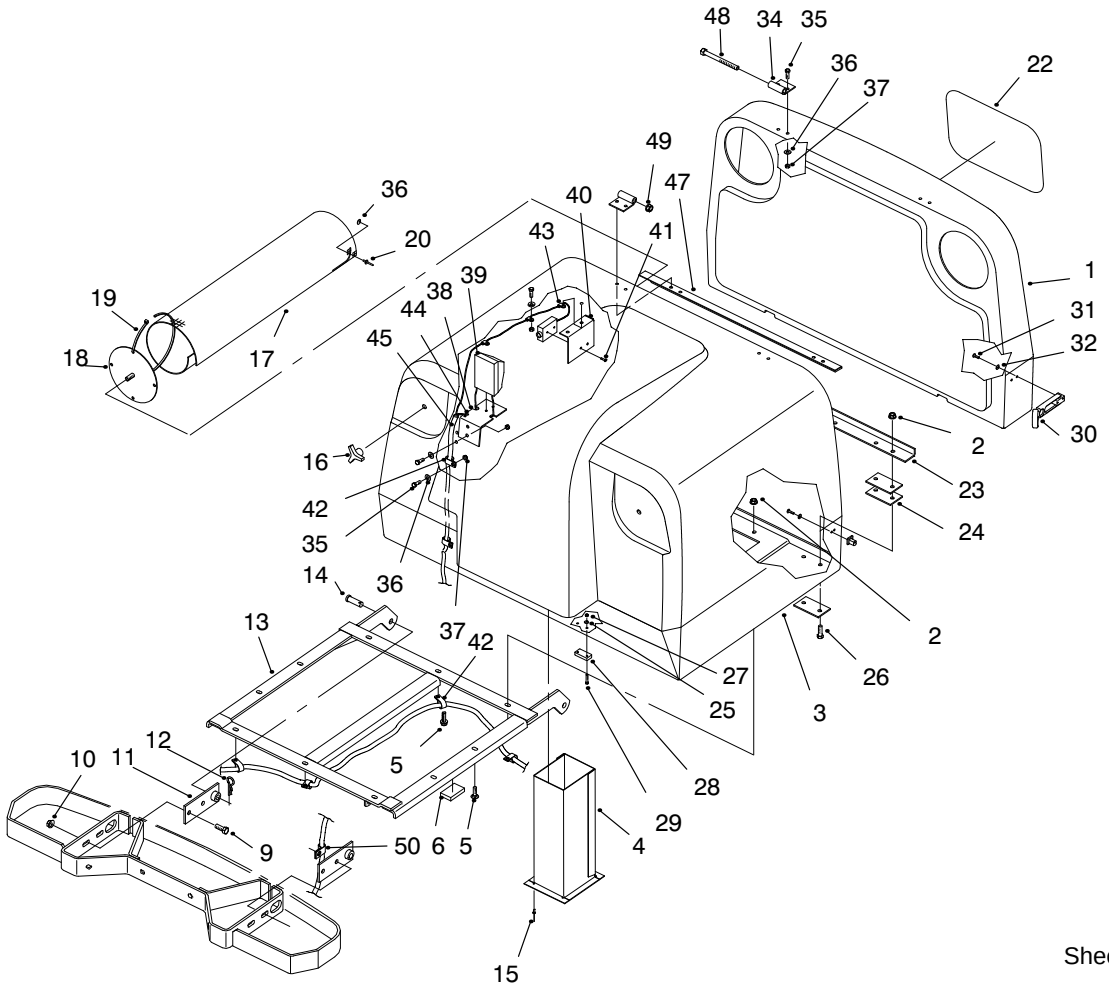


Sheet No.: 21

Bumper Asm

Ref. No.	Part No.	Qty.	Description
1	95–6414	1	Bumper ASM
2	32152–1	2	Nut–Lock
3	32128–23	5	Nut–Lock
4	98–3043	1	Spring–Gas
5	88–6770	2	Stud–Ball
6	325–11	2	Screw–HH
7	325–5	2	Screw–HH
8	98–0823	1	Bracket–Switch
9	95–7669	1	Switch–Reed
10	3290–313	2	Screw–PH
11	3296–52	2	Nut–Lock
12	93–7010	1	Decal–Danger
13	98–3032	1	Bracket–Latch
14	325–4	1	Screw–HH
16	94–5626	1	Latch–Draw
17	3290–359	3	Screw–Rd
18	3256–21	1	Washer–Flat
19	98–3044	2	Clip–Safety
20	3231–2	1	Screw–CARR
21	3290–378	1	Tie–Cable

Ref. No.	Part No.	Qty.	Description



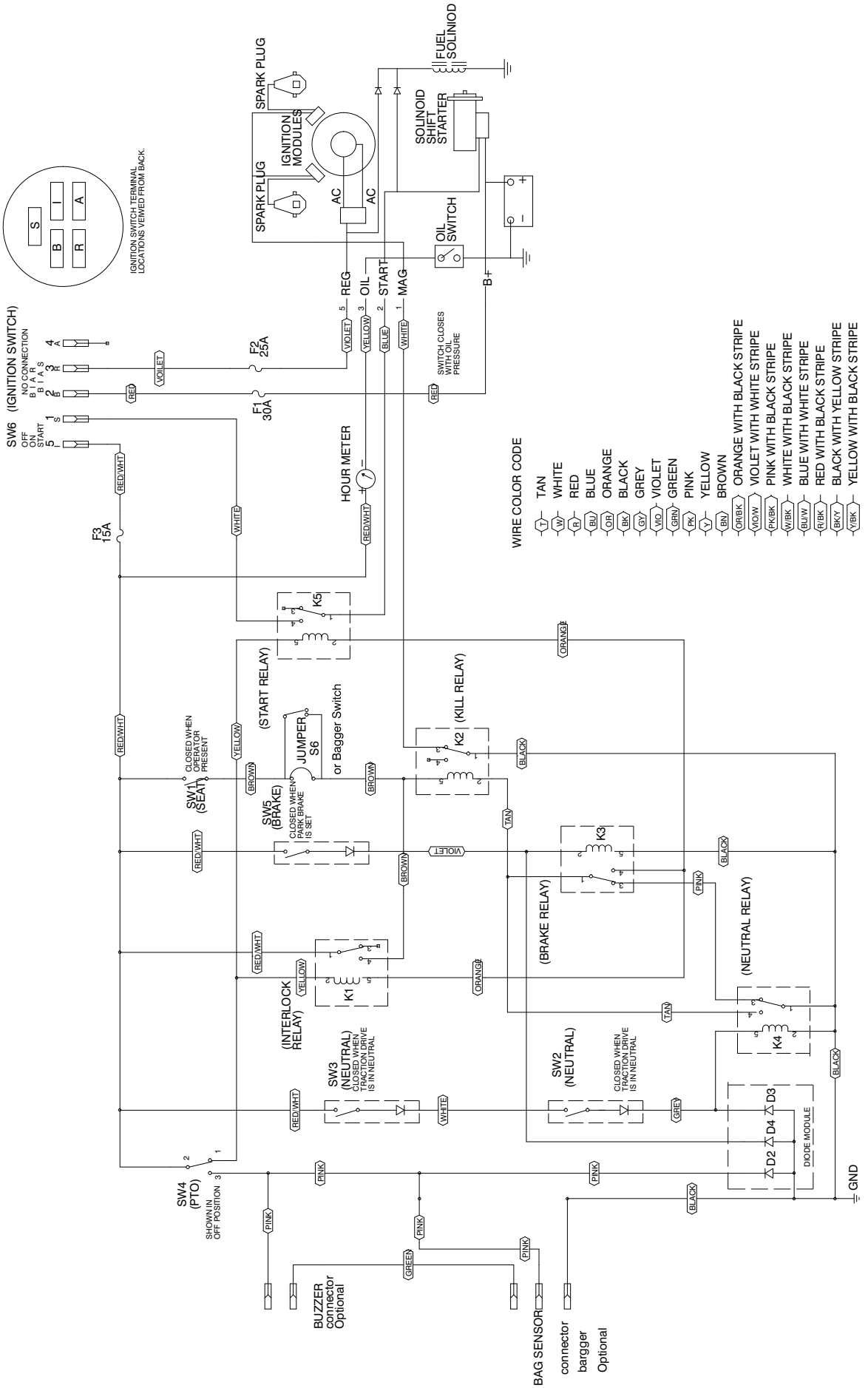
Sheet No.: 22

Grass Bin And Chute Asm

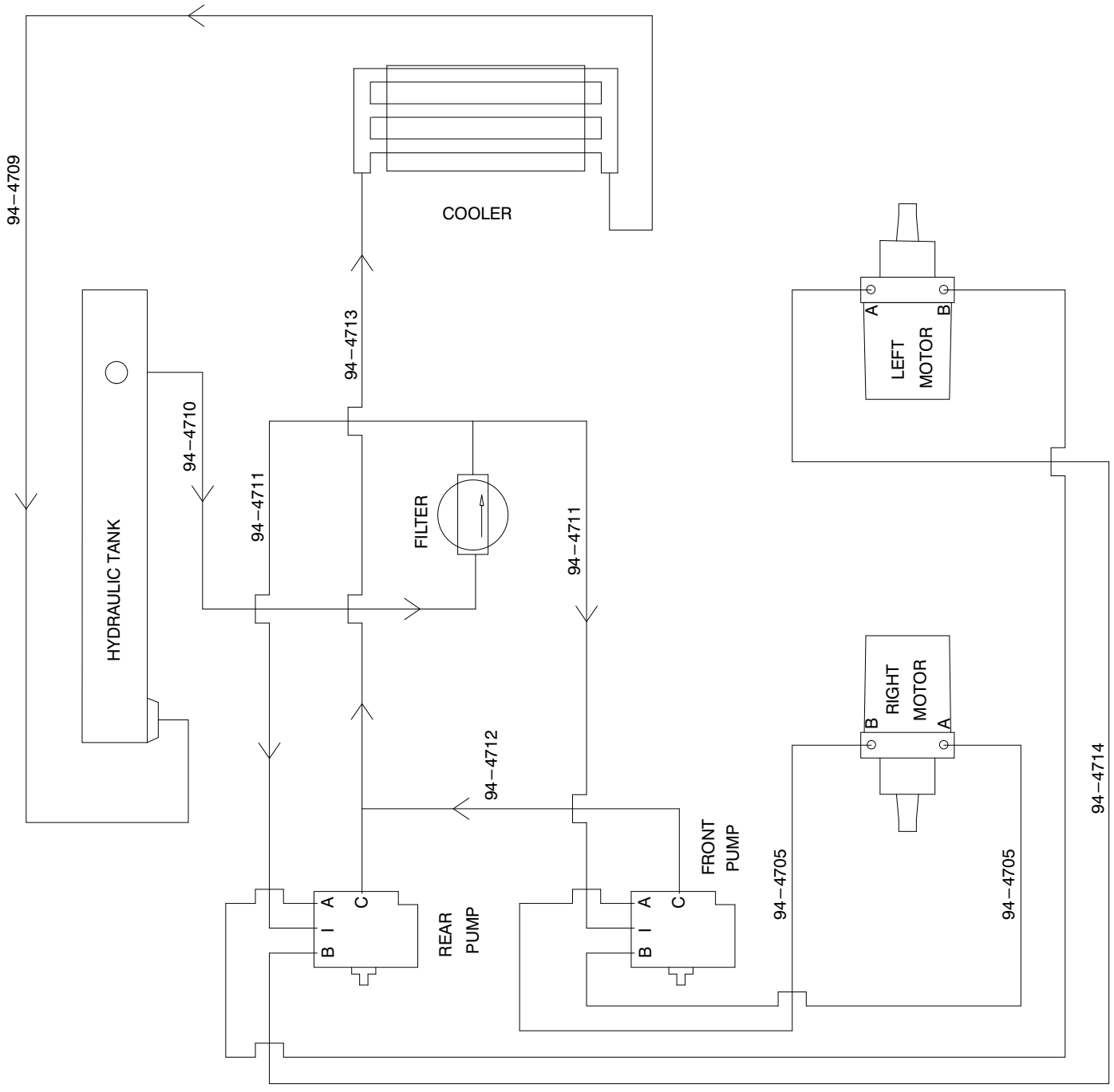
Ref. No.	Part No.	Qty.	Description
1	95–6423	1	Cover–Bin
2	32128–25	14	Nut–Hex Flange
3	95–6422	1	Bin–Grass
4	95–6482	1	Chute ASM
5	3234–17	10	Screw–Hfh
6	98–3031	2	Cushion
9	323–6	4	Screw–HH
10	32128–21	4	Nut–HF
11	95–6431	2	Pivot ASM
12	3290–355	2	Pin–Hair
13	95–6418	1	Frame ASM
14	283–68	2	Pin–Clevis
15	98–7310	4	Rivet
16	233–52	2	Knob–Black
17	95–6441	2	Screen
18	95–6444	2	Plate ASM
19	3290–378	8	Tie–Cable
20	3290–412	8	Pop Rivet
22	67–7310	1	Decal–Toro Logo
23	98–0849	1	Flange–Bin
24	98–3004	6	Spacer
25	3256–12	2	Washer–Flat
26	322–6	4	Screw–HH
27	3296–9	2	Nut–Lock
28	98–3006	1	Actuator
29	3290–124	2	Screw–HH

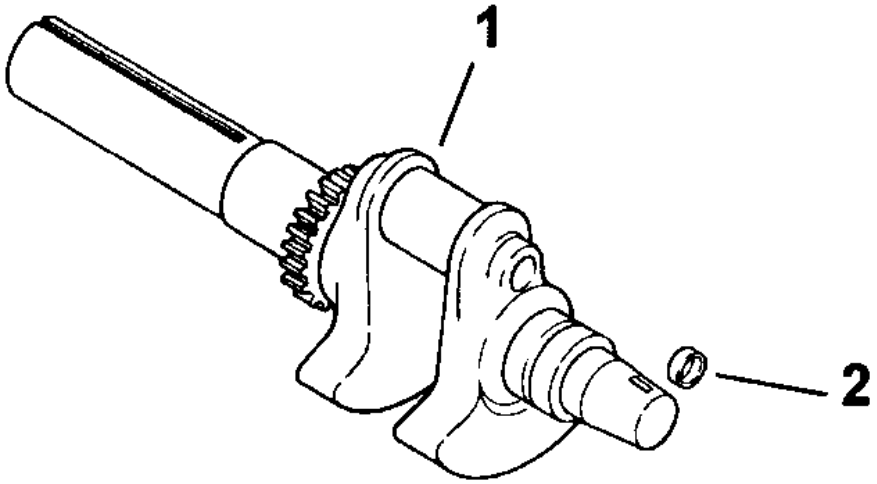
Ref. No.	Part No.	Qty.	Description
30	94–5626	2	Latch–Draw
31	3290–359	6	Screw–Rd
32	3256–21	6	Washer–Flat
34	98–3027	4	Hinge
35	321–4	16	Screw–HH
36	3256–22	20	Washer–Flat
37	3296–42	16	Nut–Lock
38	98–3000	1	Bracket–Receiver
39	98–2367	1	Module–Obstruction Detec
40	98–3001	1	Bracket–Emitter
41	3250–19	4	Screw–Phm
42	2412–93	6	R–Clamp
43	2412–127	3	Clip
44	3290–381	3	Tie–Cable
45	98–3009	1	Conduit–Convoluted
47	98–3036	1	Angle–Bin
48	3274–102	2	Screw–HH
49	3296–59	2	Nut–Lock
50	2412–138	1	Clamp–R

Electric Schematic



Hydraulic Schematic



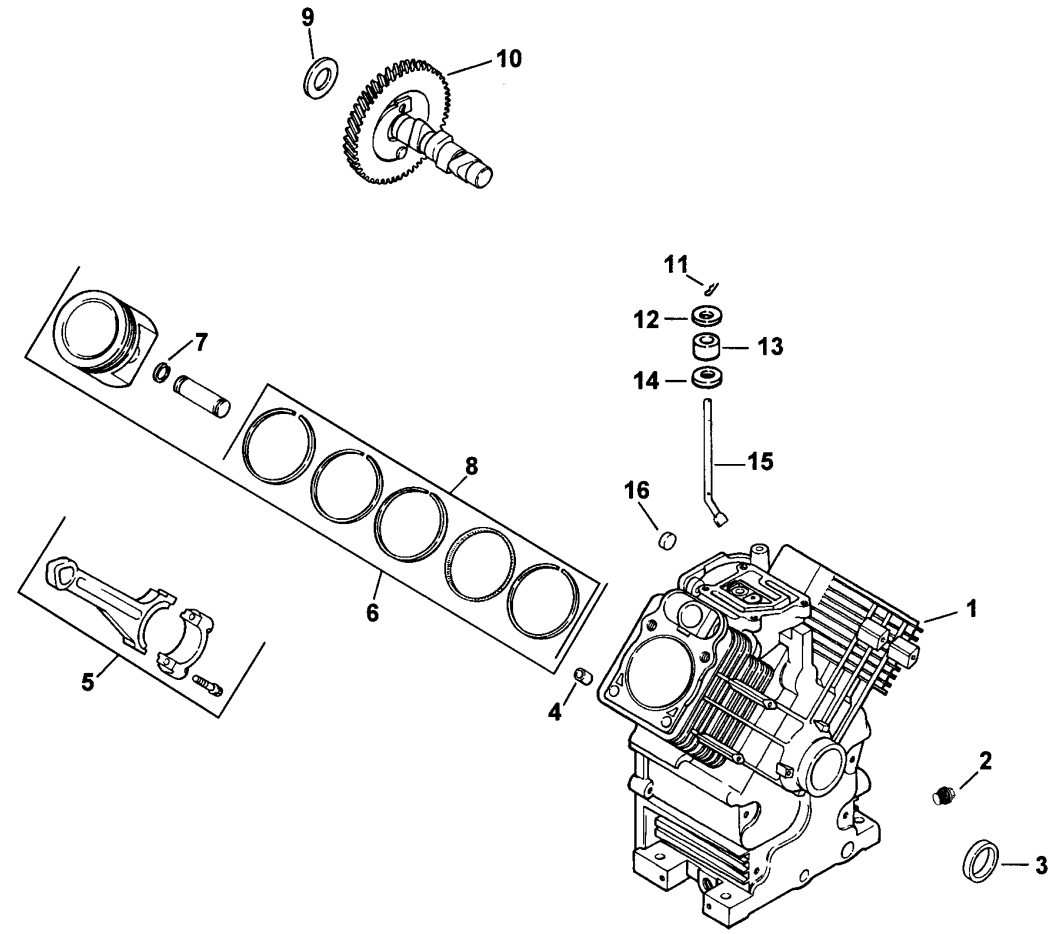


Crankshaft

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

Ref. No.	Description	Part No.

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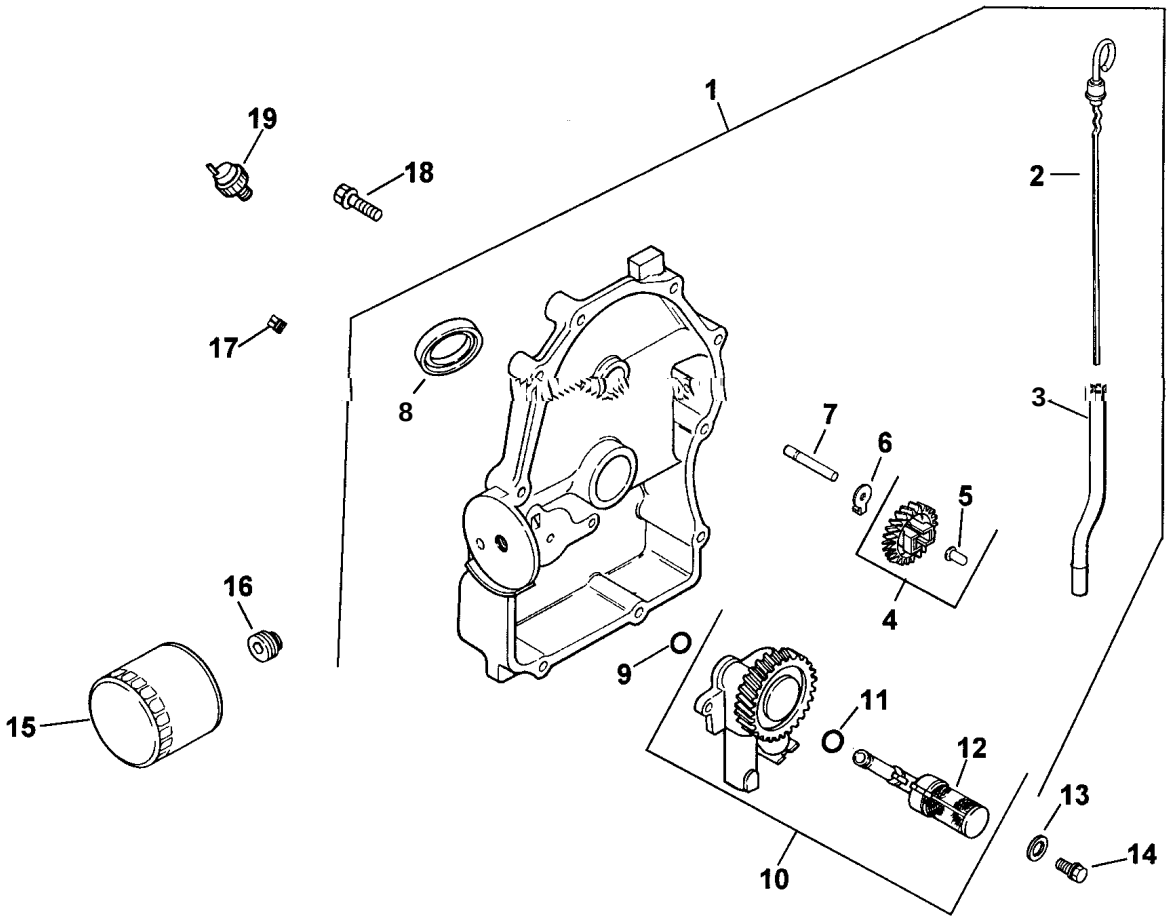


Crankcase

Ref. No.	Description	Part No.
1.	Cylinder Block (USE: Miniblock	24 782 01
2.	Plug, hex. head 3/8 (2)	X–75–10
3.	Seal, oil front	24 032 01
4.	Pin, dowel locating (6)	12 380 17
5.	Connecting Rod (Std.) (2)	24 067 09
	Connecting Rod (.25) (2)	24 067 10
6.	Piston w/Ring Set (Std.) (2)	24 874 01
	Piston w/Ring Set (.25) (2)	24 874 02
	Piston w/Ring Set (.50) (2)	24 874 03
7.	Retainer, piston pin (4)	24 018 01
8.	Ring Set (Std.) (2)	24 108 01
	Ring Set (.25) (2)	24 108 02
	Ring Set (.50) (2)	24 108 03
9.	Shim, camshaft (A.R.) red	12 422 09
	Shim, camshaft (A.R.) black	12 422 13
	Shim, camshaft (A.R.) white	12 422 07
	Shim, camshaft (A.R.) blue	12 422 08
	Shim, camshaft – yellow	12 422 10
	Shim, camshaft (A.R.) green	12 422 11
	Shim, camshaft (A.R.) gray	12 422 12
10.	Camshaft	24 012 05
11.	Pin, hitch	12 380 04
12.	Washer, flat	M–0631005
13.	Seal, governor cross shaft	12 032 01
14.	Washer, plain 1/4	X–25–102

Ref. No.	Description	Part No.
15.	Shaft, governor cross	24 144 01
16.	Plug, cup	52 139 09

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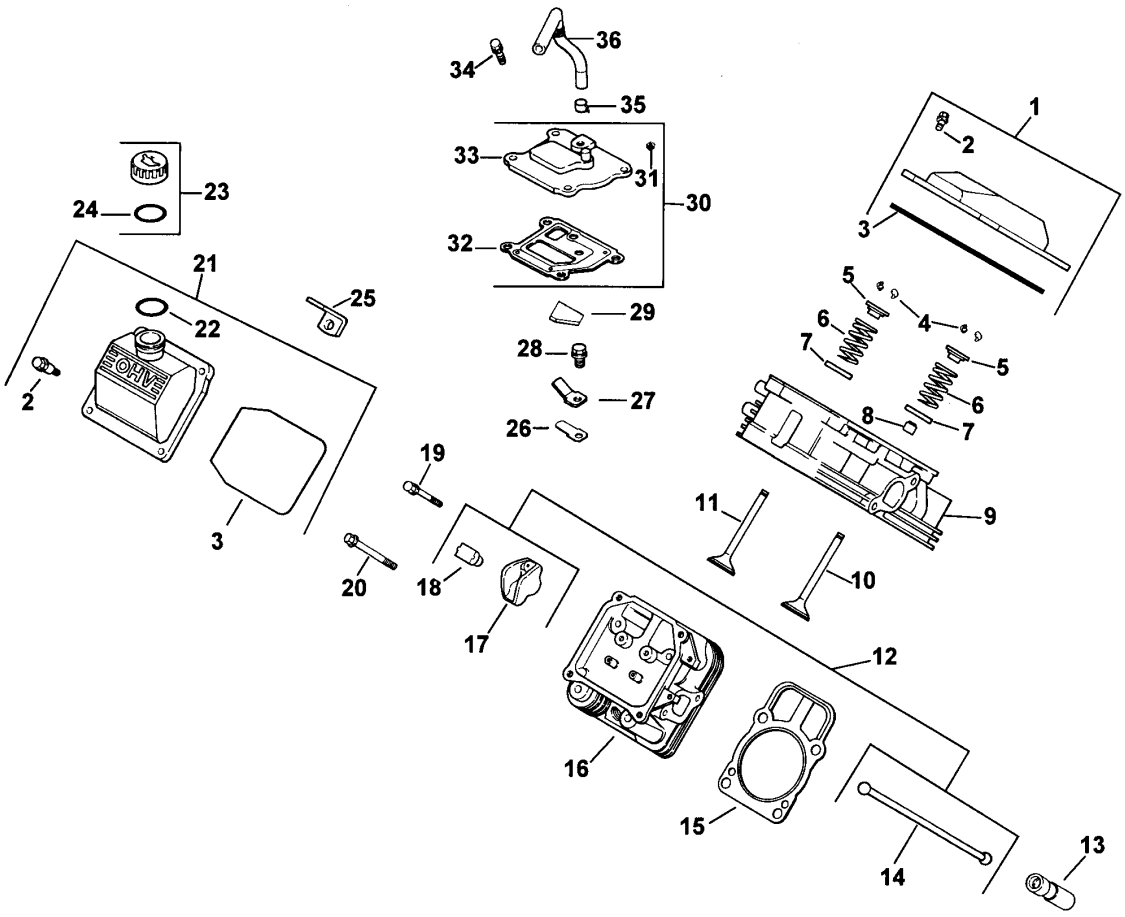


Oil Pan / Lubrication

Ref. No.	Description	Part No.
1.	Plate, closure Asm (Inc 2–12)	24 009 82
2.	Dipstick	24 038 06
3.	Tube, dipstick	24 123 08
4.	Kit, governor gear (Includes 5)	24 043 12
5.	Pin, governor regulating	12 380 01
6.	Tab, locking	52 448 02
7.	Shaft, governor gear	12 144 02
8.	Seal, oil (PTO end)	52 032 08
9.	O–Ring	24 153 08
10.	Oil pump Asm (Incl. 11–12)	24 393 10
11.	O–Ring, oil pick–up	24 153 01
12.	Pick–up, oil	24 381 04
13.	Washer, plain 6mm (2)	M–0631005
14.	Screw, hex. flange M6x1.0x25 (2)	M–0645025
15.	Filter, oil	12 050 01
16.	Nipple, oil filter	24 136 01
17.	Plug, pipe 1/8”	X–75–23
18.	Screw, hex. flange M8x1.25x45 (10)	24 086 16
19.	Switch, pressure	52 099 06
	Decal, oil sentry	25 113 05

Ref. No.	Description	Part No.

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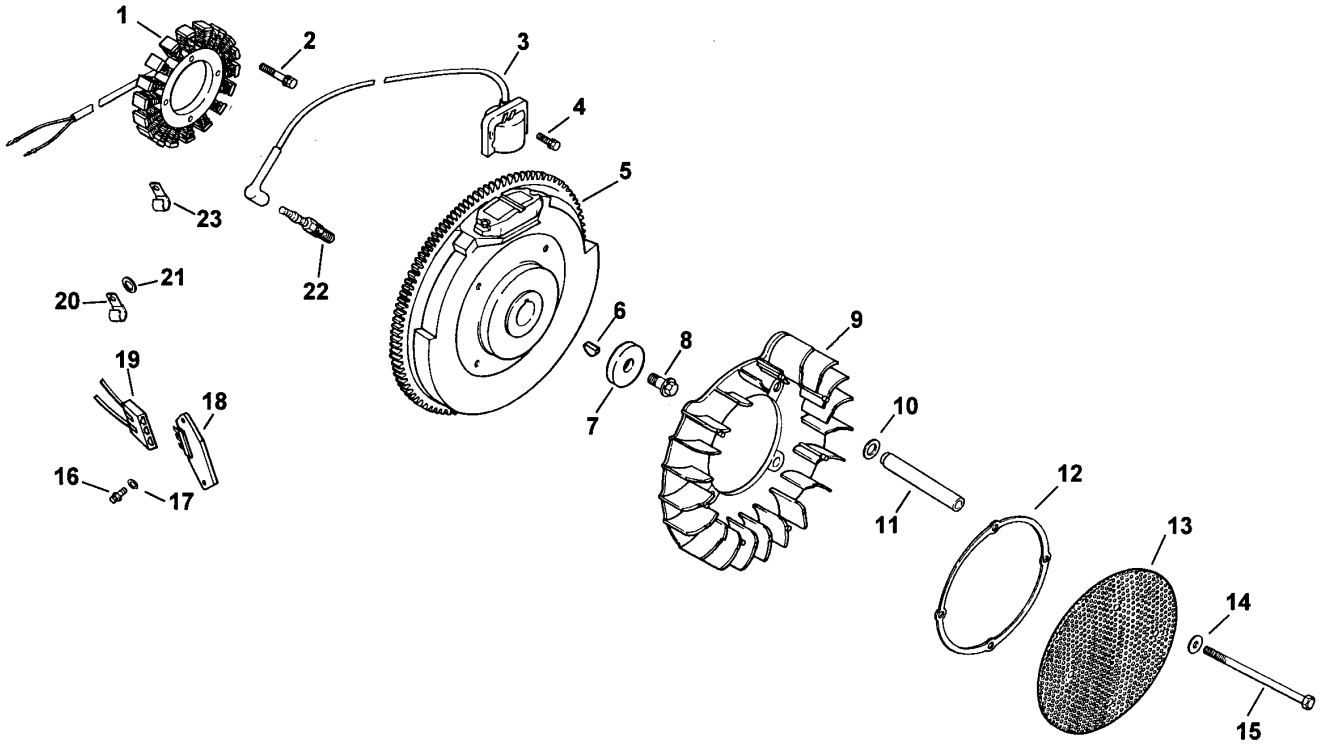


Head / Valve / Breather

Ref. No.	Description	Part No.
1.	Kit, valve cover – plain (Incl. 2–3)	24 755 74
2.	Screw, shoulder (4)	24 086 32
3.	O–Ring, valve cover	24 153 16
4.	Kit, retainer (4)	12 755 03
5.	Cap, valve spring (4)	12 173 01
6.	Spring, valve (4)	24 089 02
7.	Retainer, spring (4)	235011
8.	Seal, valve stem (2)	24 032 05
9.	Head Asm, #1 cylinder	24 318 09
10.	Valve, intake (Std.) (2)	24 017 01
	Valve, intake (.25) (2)	24 017 02
11.	Valve, exhaust (Std.) (2)	24 016 01
	Valve, exhaust (.25) (2)	24 016 02
12.	Kit, valve train (Incl. 14,17,18)	24 755 66
13.	Lifter, valve (4)	12 351 02
14.	Rod, push (4)	24 411 05
15.	Gasket, cylinder head (2)	24 041 08
16.	Head Asm, #2 cylinder	24 318 10
17.	Arm, rocker (4)	25 186 01
18.	Pivot, rocker arm (4)	24 599 01
19.	Screw, hex. flang M6x1.0x34 (4)	M–0640034
20.	Screw, hex. flange M10x1.5x90 (8)	12 086 16

Ref. No.	Description	Part No.
21.	Kit, valve cover – oil fill (Incl. 2,3,22)	24 755 75
22.	O–Ring	24 153 09
23.	Kit, oil fill cap (Incl. 24)	24 755 46
24.	O–Ring, oil fill cap	24 153 03
25.	Strap, lifting	24 445 01
26.	Reed, breather	24 402 03
27.	Retainer, breather reed	12 018 01
28.	Screw, hex. flange M5x0.8x10	M–0545010
29.	Filter, breather	24 050 01
30.	Kit, breather (Incl. 31–33)	24 033 01
31.	Plug, allen head 1/8 pipe	X–75–23
32.	Gasket, breather	24 041 23
33.	Cover, breather	24 096 02
34.	Screw, hex. flange M6x1.0x20 (4)	M–0645020
35.	Clamp, breather	X–426–9
36.	Hose, breather	24 326 06

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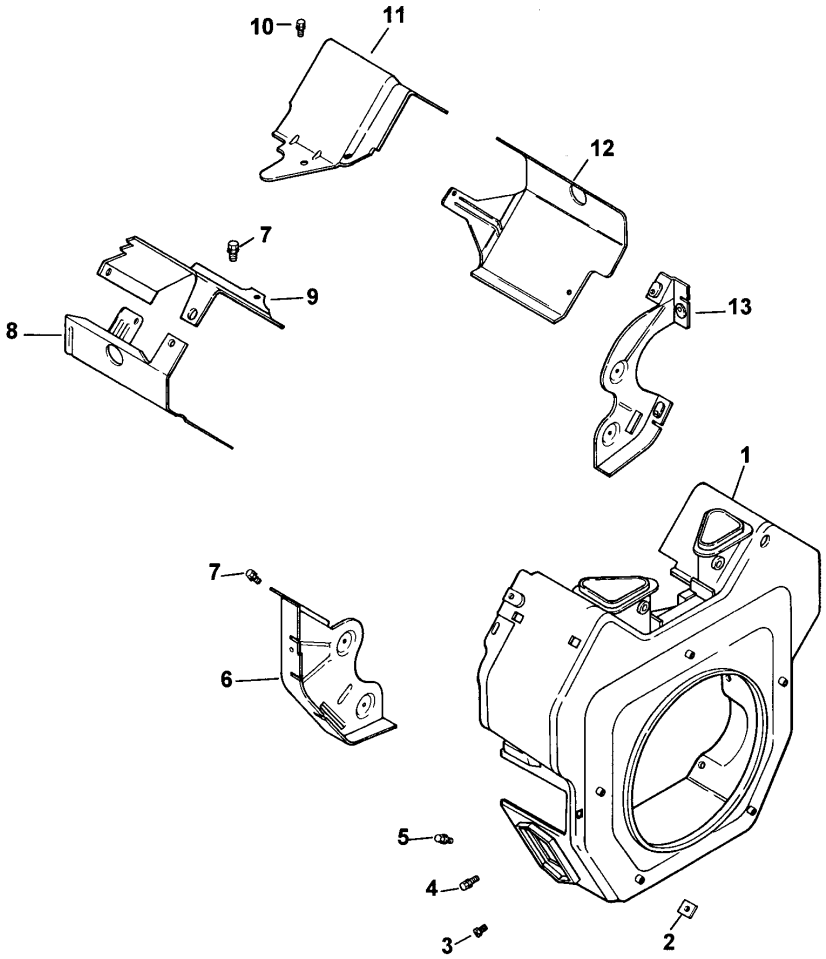


Ignition / Electrical

Ref. No.	Description	Part No.
1.	Stator – 15 amp	24 085 03
2.	Screw, hex. cap M5x0.8x25 (2)	M–0548025
3.	Module, ignition (2)	24 584 01
4.	Screw, hex. flange (4)	M–0545020
5.	Flywheel	24 025 01
6.	Key	X–42–15
7.	Washer, plain 3/8	12 468 03
8.	Screw, hex. flange M10x1.5x46	12 086 14
9.	Fan	24 157 03
10.	Washer, spring 10 mm (4)	24 468 11
11.	Spacer, grass screen (4)	24 112 14
12.	Ring, support	24 141 06
13.	Screen, grass	24 162 25
14.	Washer, plain (4)	X–25–53
15.	Screw, hex. cap M6x1.0x100 (4)	M–0603100

Ref. No.	Description	Part No.
16.	Screw, phillips hd. 1 1–16x7/8 (2)	24 086 18
17.	Washer, plain 3/16 (2)	X–25–92
18.	Rectifier–regulator 15 amp	25 403 03
19.	Connector	236602
20.	Clip, cable	235173
21.	Washer, plain 1/4	X–25–63
22.	Spark Plug (2)	12 132 02
23.	Clip, cable	48 154 02
	Lead, black, (4" – 18 gauge – insulated grip barrel eyelet terminals)	25 518 28
	Harness, wiring	24 176 40
	Bracket, stator wire	24 126 71
	Screw, set (adjusts grass scraper blade)	25 086 43
	Washer, plain ground	X–25–63

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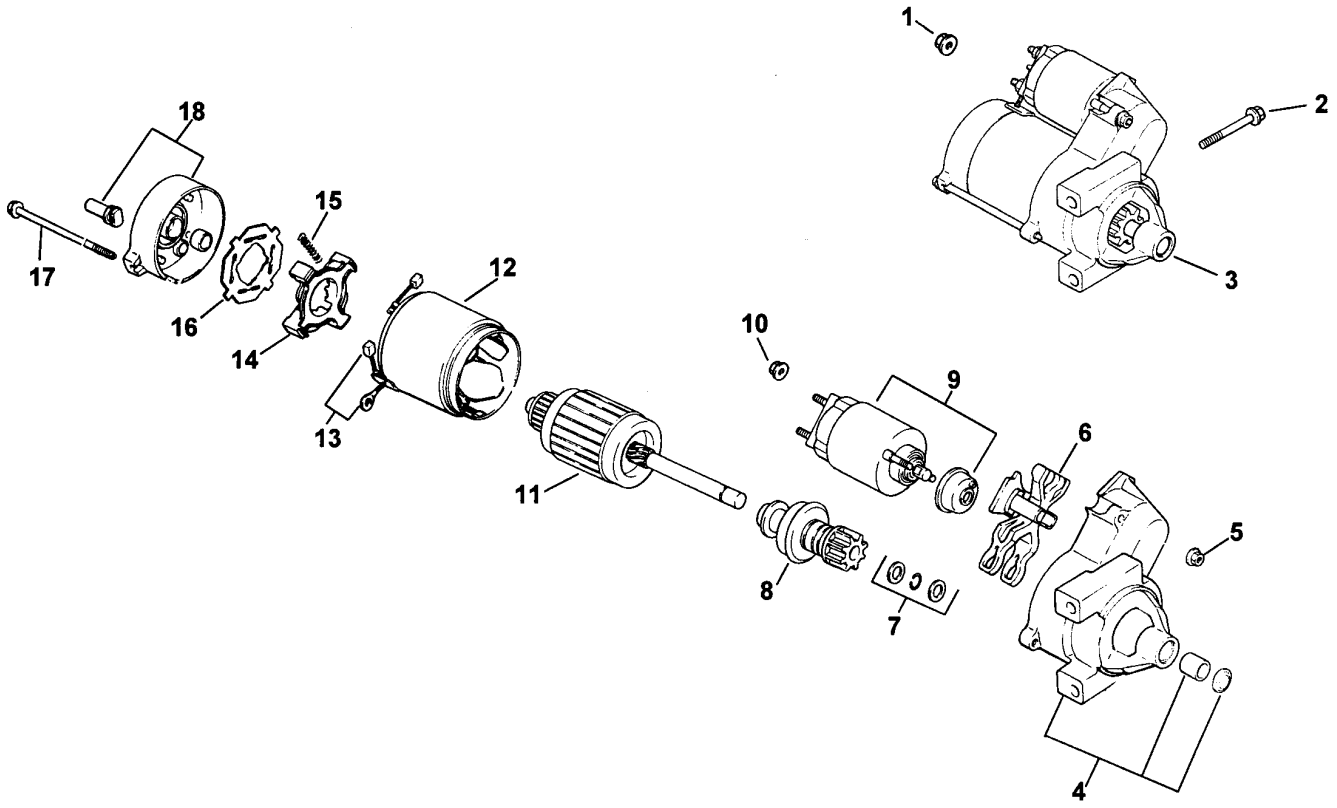


Blower Housing And Baffles

Ref. No.	Description	Part No.
1.	Housing, blower	54 027 03
2.	Nut, plastic (2)	24 100 01
3.	Screw, hex. flange M5x0.8x16	M–0551016
4.	Screw, hex. flange (5) M5x0.8x16	M–0545016
5.	Screw, hex. flange (2) M5x0.8x20	M–0545020
6.	Plate, backing – #2 side	24 146 02
7.	Screw, hex. flange M6x1.0x16 (6)	M–0645016
8.	Baffle, cyl. barrel–#2 side	24 063 20
9.	Baffle, valley – #2 side	24 063 17
10.	Screw, hex. flange M5x0.8x10 (2)	M–0545010
11.	Baffle, valley – #1 side	24 063 24
12.	Baffle, cyl. barrel–#1 side	24 063 30
13.	Plate, backing – #1 side	24 146 08
	Decal, HP	24 113 12

Ref. No.	Description	Part No.

Kohler Engine CH20S 64582
Obtain Parts From Kohler

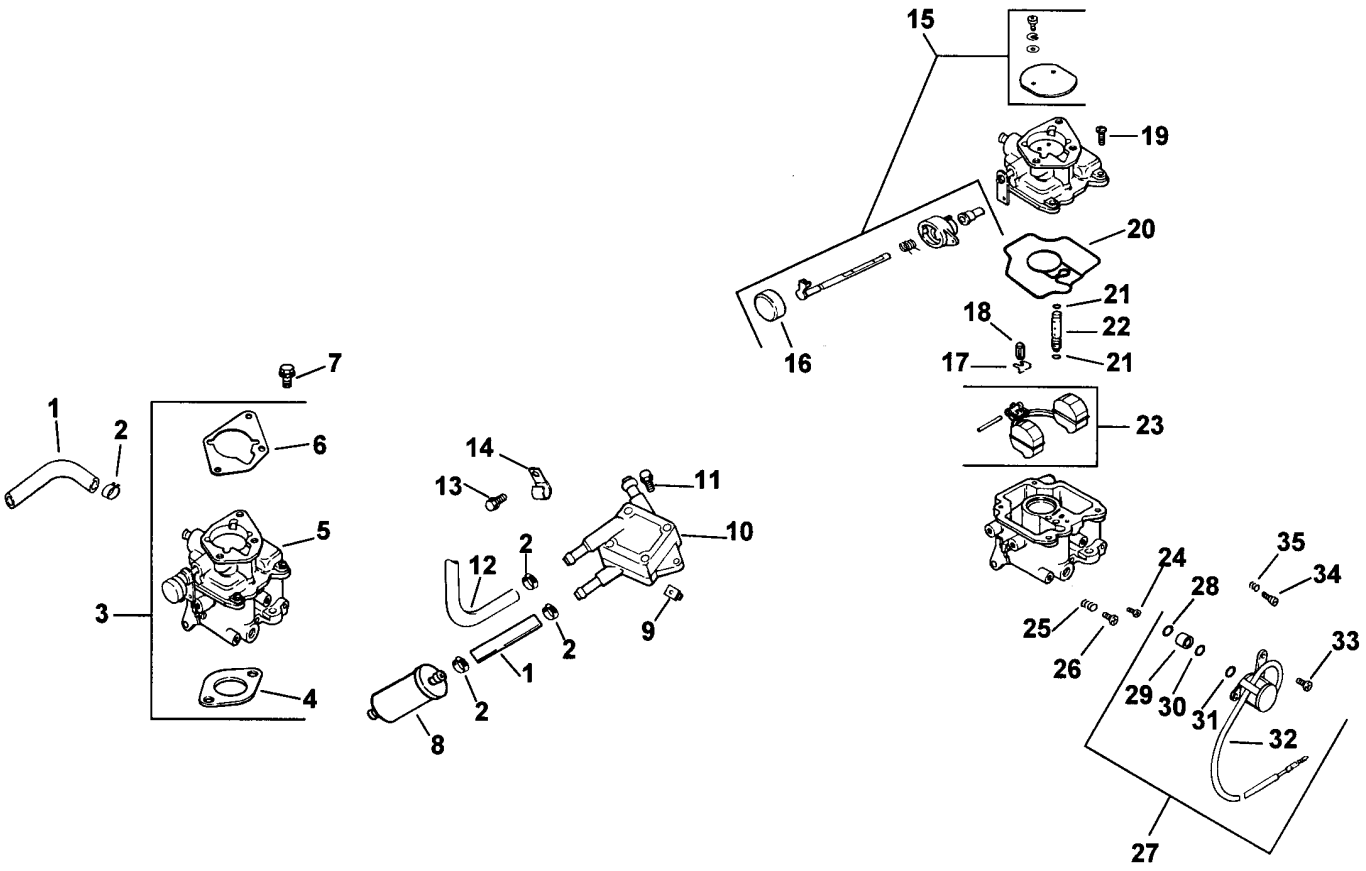


Starter System

Ref. No.	Description	Part No.
1.	Nut, hex flange M8x1.25	M−0841080
2.	Screw, hex. flange M8x1.25x80 (2)	M−0839080
3.	Starter, solenoid shift Asm (Incl. 4−18)	24 098 01
4.	Drive, end cap	24 081 04
5.	Nut, starter (2)	52 100 10
6.	Lever, starter drive	12 090 10
7.	Kit, starter repair	24 755 84
8.	Drive, pinion	12 239 01
9.	Solenoid	52 435 02
10.	Nut, starter	52 100 09
11.	Armature, starter	12 170 04
12.	Frame	12 471 01
13.	Kit, brush & spring (Incl. 15)	52 221 01
14.	Holder, brush	52 323 03
15.	Spring, brush (4)	52 089 09
16.	Insulator	52 168 01
17.	Bolt, thru (2)	52 211 05
18.	Commutator, end cap	24 301 01

Ref. No.	Description	Part No.

Kohler Engine CH20S 64582
Obtain Parts From Kohler

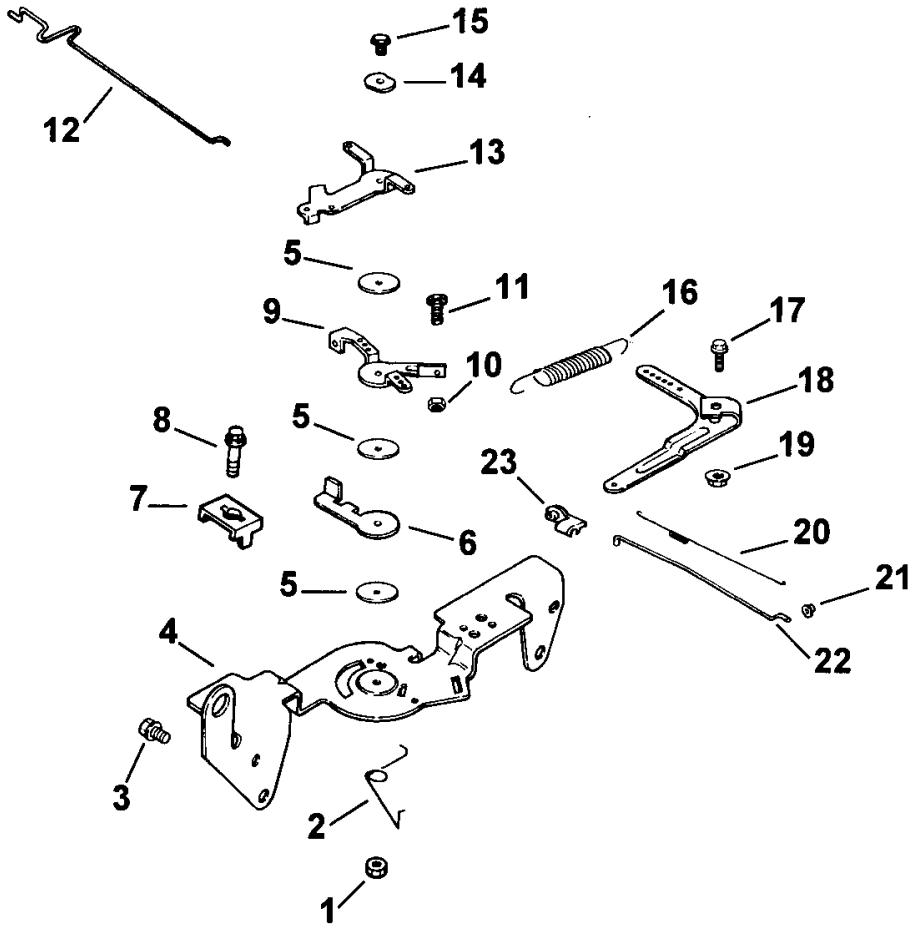


Fuel System

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 (Incl. 4−6)	24 853 32
4.	Gasket, air cleaner base	24 041 06
5.	Carburetor Asm (Incl. 11−31, carburetor repair kit (For information only not available separately)	24 757 03) 24 053 32
6.	Gasket, carburetor	24 041 17
7.	Screw, hex. flange (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 10”	52 353 20
13.	Screw, hex. flange M6x1.0x10	M−0650012
14.	Clip, cable	24 154 01
15.	Kit, choke repair (Incl. 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
19.	Screw, carburetor body (4)	24 086 09
20.	Gasket, carburetor body	24 041 09
21.	O−Ring, slow jet (2)	24 153 02

Ref. No.	Description	Part No.
22.	Jet, slow	24 337 01
23.	Kit, float repair	24 757 02
24.	Jet, main	24 337 02
25.	Spring, idle adjust screw	24 089 10
26.	Screw, idle adjusting	24 086 10
27.	Kit, solenoid (Incl. 28−33)	24 757 01
28.	O−Ring	24 153 06
29.	Seat, solenoid	24 521 01
30.	O−Ring	24 153 05
31.	O−Ring	24 153 04
32.	Solenoid	24 435 01
33.	Screw, solenoid (2)	24 086 07
34.	Needle, idle	24 368 01
35.	Spring, idle needle	24 089 11
	Kit, carburetor repair	24 757 03

Kohler Engine CH20S 64582
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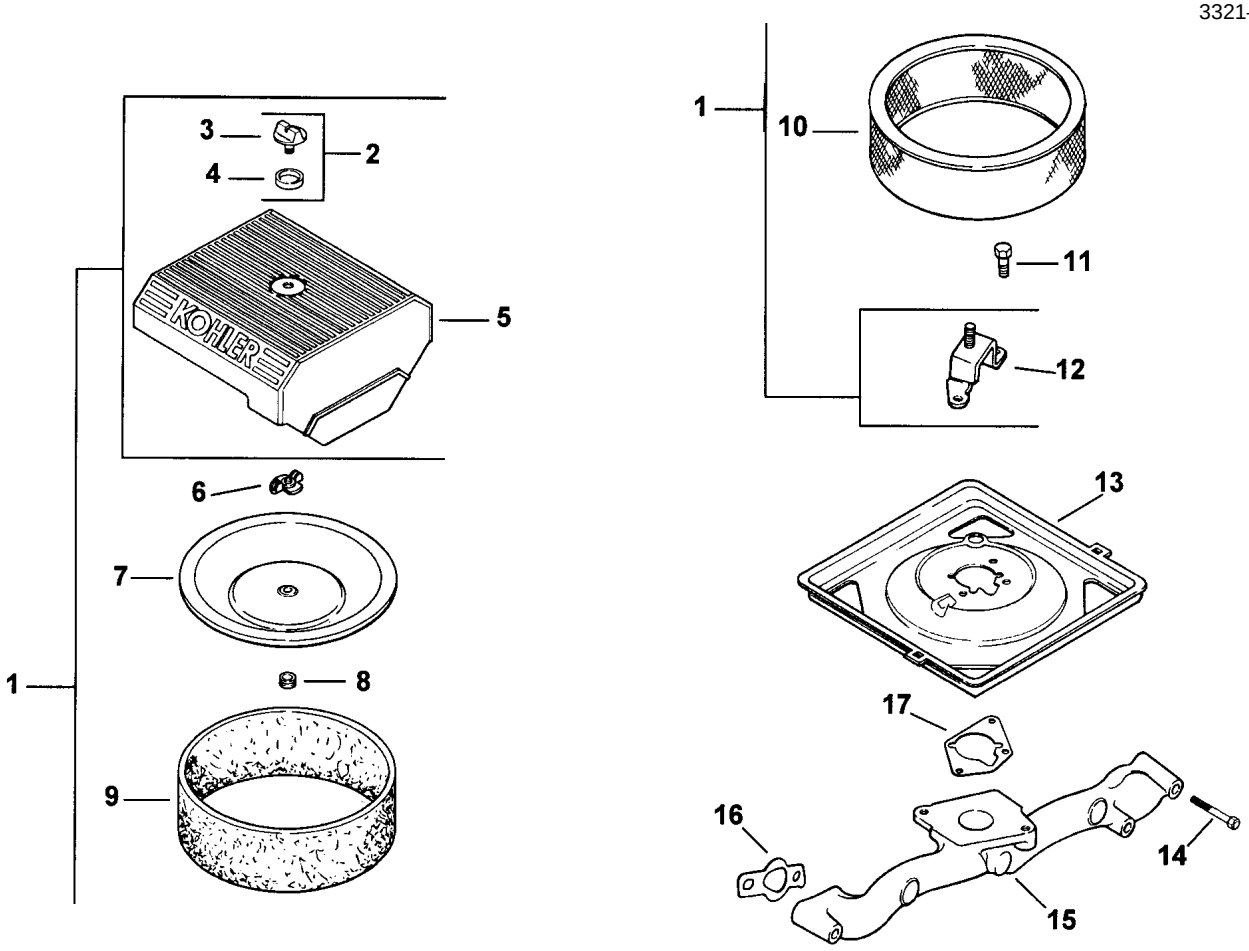


Engine Controls

Ref. No.	Description	Part No.
1.	Nut, hex. lock M5x0.8	M−0547050
2.	Spring, choke return	24 089 03
3.	Screw, hex. flange M6x1.0x16 (4)	M−0645016
4.	Bracket, control	24 126 56
5.	Washer, plain 5.5mm (3)	24 468 01
6.	Lever, throttle actuator	24 090 07
7.	Clamp, cable (2)	12 237 01
8.	Screw, hex. flange M5x0.8x16	M−0545016
9.	Lever, throttle control	24 090 03
10.	Nut, hex M4x0.7	M−0446030
11.	Screw, hex. cap M4x0.7x30	M−0401030
12.	Linkage, choke	24 079 02
13.	Lever, choke	24 090 05
14.	Washer, spring 1/4	41 468 03
15.	Screw, hex. flange M5x0.8x20	M−0545020
16.	Spring, governor	24 089 18
17.	Screw, hex. flange M6x1.0x25	SM−064205
18.	Lever, governor	24 090 14
19.	Nut, hex. flange M6x1.0	M−0641060
20.	Spring, linkage	24 089 01
21.	Bushing, linkage retaining	25 158 08
22.	Linkage, throttle	24 079 01
23.	Bushing, linkage retaining	25 158 11

Ref. No.	Description	Part No.

Kohler Engine CH20S 64582
Obtain Parts From Kohler

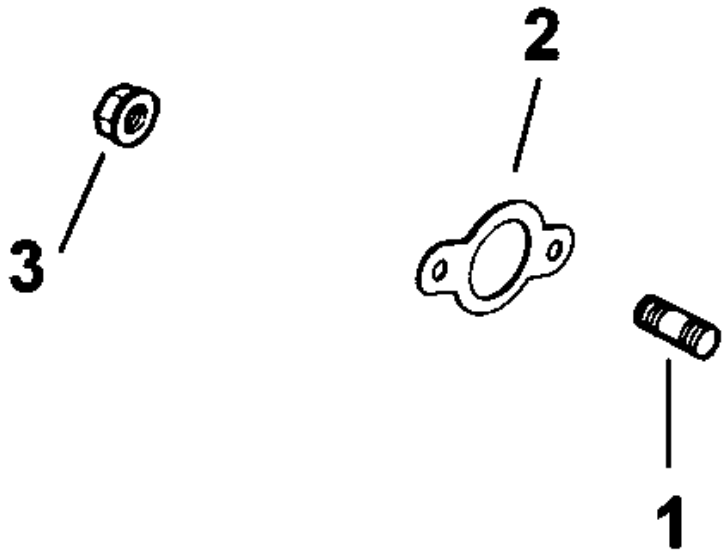


Air Intake / Filtration

Ref. No.	Description	Part No.
1.	Kit, air cleaner cover (Incl. 2–5, 12)	24 743 05
2.	Kit, knob with seal (Incl. 3–4)	54 755 01
3.	Knob, cover	25 341 03
4.	Seal, air cleaner cover knob	24 153 15
5.	Cover, air cleaner	24 096 24
6.	Wing Nut	12 100 01
7.	Cover, inner air cleaner	24 096 01
8.	Seal, inner air cleaner	24 032 03
9.	Precleaner, element	24 083 02
10.	Element, air cleaner	47 083 03
11.	Screw, hex. flange M6x1.0x16 (3)	M–0639016
12.	Bracket, air cleaner base	24 126 21
13.	Base, air cleaner	24 094 03
14.	Screw, hex. flange M6x1.0x55 (4)	M–0651055
15.	Manifold, intake	24 164 14
16.	Gasket, intake manifold (2)	24 041 01
17.	Gasket, air cleaner base	24 041 06

Ref. No.	Description	Part No.

Kohler Engine CH20S 64582
Obtain Parts From Kohler

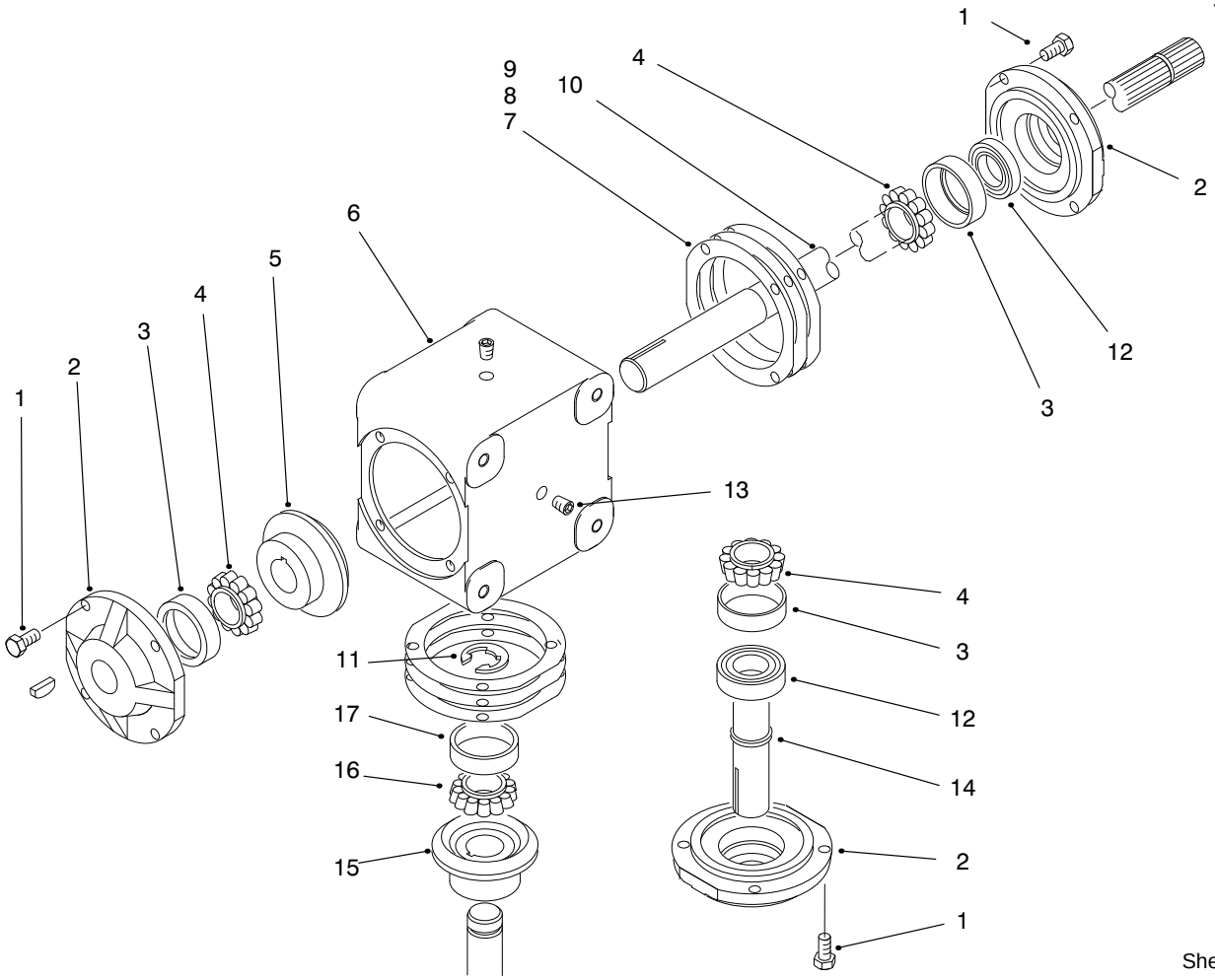


Exhaust

Ref. No.	Description	Part No.
1.	Stud M8x1.25x33 (4)	M−0829033
2.	Gasket, exhaust (2)	24 041 02
3.	Nut, hex. flange M8x1.25 (4)	M−0841080
	Miniblock	24 782 01
	Gasket Set	24 755 03

Ref. No.	Description	Part No.

Kohler Engine CH20S 64582
Obtain Parts From Kohler

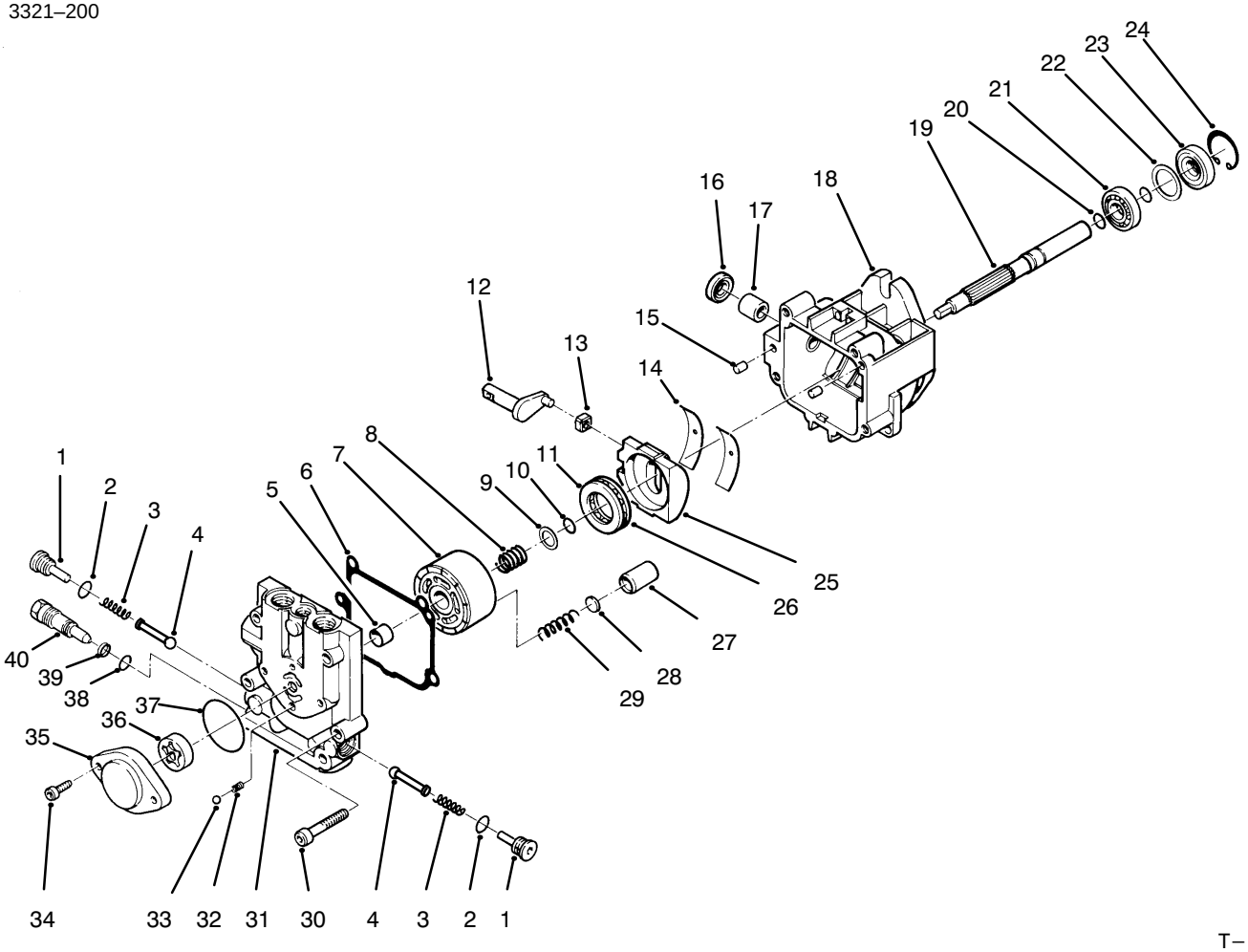


Sheet No.: 100

Gear Box Assembly No. 94–4641

Ref. No.	Part No.	Qty.	Description
1	98–1341	12	Screw
2	98–1346	3	Cap
3	62–3340	3	Bearing Cup
4	98–1343	3	Bearing–Cone
5	98–1348	1	Gear LH
6	98–1340	1	Housing
7	62–3420	A/R	Gasket (.015)
8	62–3430	A/R	Gasket (.005)
9	62–3440	A/R	Gasket (.003)
10	98–1962	1	Shaft
11	68–7070	1	Ring–Retaining
12	62–3400	3	Seal
13	62–3490	3	Pipe Plug (Solid)
14	98–1960	1	Shaft
15	98–1961	1	Gear RH
16	62–3370	1	Bearing Cone
17	62–3360	1	Bearing Cup

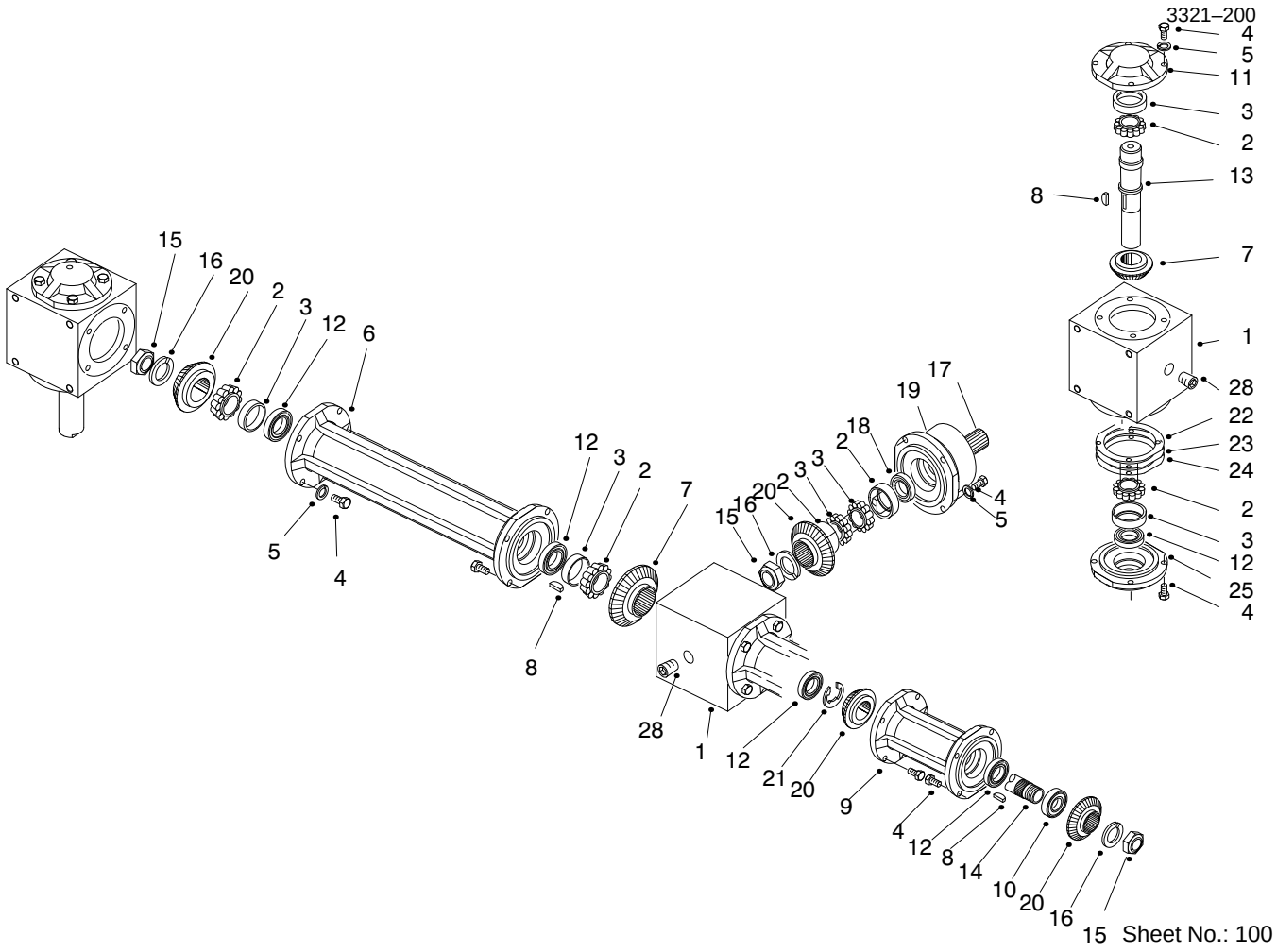
Ref. No.	Part No.	Qty.	Description



Hydraulic Pump Assembly No. 98–1957

Ref. No.	Part No.	Qty.	Description
1	80–6120	1	Check Valve Kit (Incl. Ref. #2–4)
2		2	Seal – O–Ring
3		2	Spring
4		2	Poppet
5		1	Journal – Bearing
6		1	Gasket – End Cap
7		1	Cylinder Block Kit (Incl. Ref. #8–10 & 27–29)
8		1	Spring
9		1	Washer
10		1	Ring – Retaining
11		1	Plate – Thrust
12		1	Arm – Trunnion
13		1	Guide – Slot
14		2	Cradle – Bearing
15		2	Pin
16		1	Seal – Lip
17		1	Journal – Bearing
18		1	Housing – Assembly (Incl. Ref. #16 & 17)
19		1	Shaft
20		2	Ring – Retaining
21		1	Bearing – Ball
22		1	Spacer
23		1	Seal – Lip
24		1	Ring – Retaining
25		1	Swashplate Assembly
26		1	Roller – Thrust
27		5	Piston
28		5	Washer – Thrust
29		5	Spring – Piston
30		4	Screw
31		1	End Cap Assembly (Incl. Ref. #5)
32		1	Ball
33		1	Spring
34		2	Screw
35		1	Housing – Charge Pump
36		1	Gerotor Assembly
37		1	Seal – O–Ring
38		1	Seal – O–Ring
39		1	Ring – Back–Up
40		1	Valve – Bypass
*	80–6110	1	Charge Relief Valve Kit (Incl. Ref. #32–33)
*	80–6130	1	Overhaul Seal Kit (Incl. Ref. #6, 10, 16, 20, 23 & 37–39)

*Not Illustrated



Sheet No.: 100

Gear Box

Ref. No.	Part No.	Qty.	Description
1	98–3321	3	Housing
2	98–1343	8	Bearing–Cone
3	62–3340	8	Bearing Cup
4	98–3324	54	Screw–HH
5	98–3325	54	Washer–Lock
6	98–3326	1	Connector–Hub
7	98–3327	3	Gear–RH
8	98–3328	3	Key
9	98–3329	1	Connector–Hub
10	98–3330	1	Bearing–Ball
11	98–3331	2	Cap–Blank
12	62–3400	6	Seal
13	98–3333	2	Shaft–Thru
14	98–3334	1	Shaft–Thru
15	98–3335	3	Nut–Lock
16	98–3336	3	Washer–Lock
17	98–3337	1	Hub–Shaft
18	98–3338	1	Seal
19	98–3339	1	Hub
20	98–3340	3	Pinion–LH
21	98–3341	1	Ring–Retaining
22	98–3342	1	Gasket–.015
23	98–3343	1	Gasket–.005
24	98–3344	1	Gasket–.003
25	98–3345	2	Cap–Thru
26	98–3346	1	I.d. Tag

Ref. No.	Part No.	Qty.	Description
27	98–3347	1	I.d. Tag Cover
28	62–3490	9	Pipe Plug (Solid)

Toro Part Number Index

Part No.	Page No.	Ref. No.	Qty.	Description
2844	10	25	1	Washer−Flat
8830	1	34	1	Retainer−”J”
101884	3	2:1	2	Nut−Hex
102950	3	3:2	1	Washer
105805	3	3:1	1	Nut
106948	3	19	1	Tray−Battery
106950	4	23	2	Bushing
111216	3	2	1	Switch−Ignition
113010	3	12	1	Hold Down
113050	3	5	1	Cover−Switch
113179	3	3:3	1	Nut
113697	9	27	2	Eye Bolt
114511	11	29	1	Spacer
116397	3	32	5	Relay
9201604	3	2:2	1	Washer−Lock
9202204	11	11	1	Washer
9202254	12	1	2	Washer−Flat
9202514	12	15	2	Washer−Flat
9202574	4	35	A/R	Washer−Flat
9202574	9	5	A/R	Washer−Flat
3−6781	12	3	8	Washer−Thrust
5−0698	11	13	1	Key
10−6850	4	14	2	Drum Brake
10−6870	4	15	2	Hub−Wheel
10−7070	16	35	1	Key−Square
24−0760	2	10	1	Exchanger−Heat
26−3790	4	16	2	Nut−Lock
27−2320	9	16	2	Bearing
27−6230	11	1	1	Bolt−Wheel
27−9080	12	30	4	Bushing
28−3893	3	17	1	ASM−Wire
28−8080	3	14	1	Boot−Terminal
29−4820	14	1	2	Roller
42−9430	10	8	1	Bolt w/Washer
42−9850	10	27	2	Washer−Lock
46−3380	12	24	4	Bolt−Shoulder
48−8020	10	9	1	Washer−Lock
52−2480	7	41	2	Spacer
52−5260	1	35	2	Rubber Pad
55−4300	12	35	2	Decal−Warning
56−4920	16	3	1	Pulley−Idler
62−5550	13	15	1	Decal−Toro
62−7650	2	19	1	Gasket
62−7770	3	36	2	Key−Ignition
63−8410	7	16	1	Washer−Flat
63−9920	1	20	1	Decal − Eec 105 Dba
65−8680	16	6	1	Washer
66−0120	2	3	1	Knob
66−4210	11	26	1	Pulley−Idler
67−1440	16	14	1	Spring−Ext
67−7310	18	22	1	Decal−Toro Logo
67−7490	11	41	1	Key
67−7490	14	19	2	Key
67−7490	16	32	1	Key
67−8110	5	9	1	Filter−Oil
68−8980	12	12	2	Bushing−Spanner
70−9840	4	17:5	4	Brake Shoe
70−9860	4	17:2	2	Cam Shaft
70−9870	4	17:1	2	Plate−Backing
70−9880	4	17:4	4	Spring−Return
71−1500	4	17	2	Brake ASM
74−0720	7	21	1	Tube−Manual

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
76–0800	6	45	2	Seal Kit–Wheel Motor
78–0020	3	4	1	Hourmeter
78–3320	3	4:1	1	Clamp–Hour Meter
80–6090	11	37	2	Key–Square
80–8170	11	36	2	Pulley–Pump
80–9330	3	41	1	Alarm–Audio ASM
84–2000	4	20	2	Bracket–Brake
85–6540	4	13	8	Stud
86–1990	14	25	2	Washer
86–9080	5	11	1	Head–Filter
88–6460	11	25	1	Spring – Extension
88–6770	17	5	2	Stud–Ball
92–1705	5	28	1	Screen–Filter
92–5816	14	11	2	Screw – Blade
92–6280	7	9	1	Seat ASM
92–6282	7	9:4	1	Seat–Switch
92–6287	3	11	1	Wire–Ground
92–6533	7	9:2	1	Kit–Replacement Cushion
92–6534	7	9:1	1	Shell–Seat
92–6780	10	14	4	Nut–HHF
92–6986	13	12	3	Bolt–Shoulder
92–9811	3	3	1	Switch–Toggle
93–0307	1	12	1	Nut–Lock
93–0350	10	12	2	Gasket–Exhaust
93–1167	12	16	2	Spacer–Castor
93–1265	1	24	1	Decal–Hot
93–1265	7	49	1	Decal–Hot
93–1622	11	15	2	Pulley–Idler
93–3101	2	20	1	Gas Cap
93–4365	5	27	1	Oil Cap
93–4448	13	9	1	Gearbox ASM
93–4685	14	8	1	Spacer
93–4803	14	7	1	Roller–Deck
93–5107	2	9	2	Fitting–Adapter
93–6697	13	16	1	Decal–Lube
93–7010	14	26	1	Decal–Danger
93–7010	17	12	1	Decal–Danger
94–1291	12	17	4	Bushing–Special
94–4602	4	2	1	Lever–Brake
94–4607	11	18	1	Belt–Pump Drive
94–4608	11	19	1	Belt–PTO
94–4618–03	1	1	1	Support–Engine
94–4628	11	14	1	Engine–Pulley
94–4629	11	32	1	Clutch–Pulley
94–4632	11	20	1	Clutch ASM
94–4635–01	7	45	1	Plate–Console Support
94–4640	5	41	2	Motor–Hyd Wheel
94–4641	11	34	1	Gearbox–PTO Drive
94–4642–03	5	23	1	Strap–Hydraulic Tank
94–4647–01	1	17	1	Castor Fork
94–4658–03	11	6	1	Pump–Mount
94–4664	12	25	2	Spring–Extension
94–4665	1	11	1	Dustcap
94–4678	5	4	2	Arm–Pump Control
94–4685	11	27	1	Spacer–Idler
94–4688	11	12	1	Spacer–Engine Shaft
94–4689	11	16	1	Spacer–Engine Shaft
94–4696	3	31	1	Angle–Mount
94–4698	7	1	1	Console
94–4700	5	29	1	Tank–Hydraulic
94–4701–03	5	5	1	Plate–Control
94–4702–03	5	7	1	Plate–Control

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
94–4705	5	38	2	Hose ASM
94–4709	5	21	1	Hose ASM–Hyd
94–4710	5	14	1	Hose ASM–Hyd
94–4712	5	8	1	Hose ASM–Hyd
94–4713	5	19	1	Hose ASM–Hyd
94–4714	5	2	2	Hose ASM–Hyd
94–4717	9	9	1	Rod–Control
94–4718	9	13	1	Rod–Control
94–4722	11	42	1	Shaft–Drive
94–4750	12	21	4	Plate–End
94–4753	1	22	1	Tube–Spacer
94–4755	1	32	2	Pivot Pin ASM
94–4787–03	11	39	1	Mount–Plate
94–4792	11	5	1	Spacer–Idler Arm
94–4797–03	3	23	1	Channel–Mount Switch
94–4798–01	7	30	1	Plate–Tank Support
94–4799–03	7	26	1	Strap–Fuel Tank
94–5626	17	16	1	Latch–Draw
94–5626	18	30	2	Latch–Draw
94–6146	3	18	2	Retainer–Battery
94–6407	13	21	1	Decal–Guardian 48”
94–6666	3	13	1	ASM–Battery/Decal
94–9384	1	23:1	1	Tire
94–9386	1	26:3	2	Wheel
94–9387	1	26:1	2	Tire
94–9460	3	25	1	Plate–Switch Mount
94–9461	2	16	1	Engine Kohler Ch20
94–9488–03	7	8	1	Strap–Console
94–9489–01	1	6	1	Housing–Spindle
94–9490	9	3	2	Grip–Cushion
94–9491–01	7	34	1	Plate–Cover
94–9494	10	13	1	Manifold
94–9495	10	15	1	Muffler
94–9499	2	24	1	Tube–Oil Drain
94–9502	2	26	1	Hose–Gas
94–9515	9	17	1	Shaft–Control
94–9517–03	9	2	1	Handle–Control LH
94–9524	9	1	1	Spacer–Control
94–9525–03	5	15	1	Angle–Mount
94–9529–01	7	40	1	Plate–Seat
94–9550	12	33	2	Cover–Spring
94–9551	9	7	1	Handle–Control RH
94–9552	9	6	2	Center Control ASM
94–9553	2	21	1	Fuel Tank ASM
94–9556–03	2	5	1	Cooler Shroud ASM
94–9561–03	10	11	1	Bracket–Manifold Shield
94–9573–01	4	26	2	Mount–Lever
94–9580	3	6	2	Clamp–J
94–9591–03	9	32	1	Mount–Channel
94–9593	9	34	2	Spacer–Damper
94–9594–03	9	19	1	Hub–Control
94–9596	9	33	2	Damper–Control
94–9597–03	2	18	1	Cover–Fuel Tank Opening
94–9599	11	4	1	Spring–Extension
95–1950	11	3	1	Arm ASM
95–1956	1	31	1	Decal–Z320
95–1962	7	2	6	Clip
95–1967	11	28	1	Spacer–Spring
95–1968	11	30	1	Idler Arm ASM
95–4303	12	14	2	Cushion–Rubber
95–4304	12	20	1	Frame–Carrier
95–4308	14	12	1	48” Deck ASM

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
95–4322	13	6	1	Footrest
95–4323	15	1	1	Plenum
95–4342	13	8	1	Footrest–Abrasive
95–4345	16	28	1	Impeller Chute ASM
95–6414	17	1	1	Bumper ASM
95–6418	18	13	1	Frame ASM
95–6422	18	3	1	Bin–Grass
95–6423	18	1	1	Cover–Bin
95–6427	16	23	1	Spacer–Bearing
95–6431	18	11	2	Pivot ASM
95–6435	16	19	1	Housing ASM
95–6436	16	25	1	Cover ASM
95–6437	16	17	1	Idler Arm ASM
95–6438	16	5	1	Pulley–Impeller
95–6441	18	17	2	Screen
95–6444	18	18	2	Plate ASM
95–6448	16	16	1	Spacer
95–6482	18	4	1	Chute ASM
95–7669	17	9	1	Switch–Reed
98–0603	3	37	1	Boot–Terminal
98–0810	14	13	2	Blade Retainer ASM
98–0815	13	1	2	Strip–Seal
98–0817	12	26	1	Casting–Lift Arm
98–0818	12	27	1	Casting–Lift Arm
98–0823	17	8	1	Bracket–Switch
98–0824	16	30	4	Strip–Foam
98–0843	15	11	1	Guard–Plenum
98–0849	18	23	1	Flange–Bin
98–1301–03	11	23	1	Stop–Clutch
98–1319	2	22	1	Foam–Tank
98–1322	9	31	2	Spring–Extension
98–1324	3	30	3	Switch–Interrupter
98–1326	10	24	1	Baffle–Heat
98–1329	10	17	1	Baffle–Heat
98–1337	12	19	2	Pin–Pivot
98–1339	12	18	2	Spring–Compression
98–1349	10	28	1	Baffle–Heat
98–1956	2	32	1	Control–Push Pull
98–1967	10	1	1	Top Heat Baffle ASM
98–1969–03	2	7	1	Cooler Shroud ASM
98–1971–03	2	30	1	Bracket–Front
98–1972–03	2	15	1	Bracket–Rear
98–1973	7	3	1	Decal–Instrument
98–1974	7	46	1	Decal–Operation Ce
98–1976	1	3	1	Main Frame Ce (Se)
98–1977	1	36	1	Decal–Warning
98–1977	7	48	1	Decal–Warning
98–1979	10	29	1	Panel–Access
98–1980–03	10	30	1	Guard–Muffler
98–1985	7	52	1	Latch–ASM
98–1987–03	7	42	1	Guard–Belt
98–1988	4	12	1	Torsion Shaft ASM
98–1990	4	8	1	Transfer Shaft ASM
98–1991	4	11	2	Link–Connect
98–1992	4	6	2	Link–Brake
98–1994	4	10	1	Brake Hub ASM
98–1996	4	25	2	Rod–Brake
98–1997	4	30	1	LH Brake Lever ASM
98–1998	4	24	1	RH Brake Lever ASM
98–1999–03	7	5	1	Panel–Instrument
98–2367	18	39	1	Module–Obstruction Detec
98–2857	12	13	2	Castor Fork ASM

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
98−2859	12	11	2	Wheel & Tire ASM
98−3000	18	38	1	Bracket−Receiver
98−3001	18	40	1	Bracket−Emitter
98−3002	15	4	1	Bracket−Discharge
98−3003	15	8	1	Bracket−Discharge
98−3004	18	24	6	Spacer
98−3006	18	28	1	Actuator
98−3009	18	45	1	Conduit−Convoluted
98−3015	15	12	1	Baffle−LH
98−3016	15	13	1	Baffle−RH
98−3017	14	16	1	Kicker−LH
98−3018	14	18	1	Kicker−RH
98−3027	18	34	4	Hinge
98−3028	14	14	1	Blade−25” LH
98−3029	14	15	1	Blade−25” RH
98−3030	14	24	2	Spacer
98−3031	18	6	2	Cushion
98−3032	17	13	1	Bracket−Latch
98−3035	15	16	1	Bracket−Spring
98−3036	18	47	1	Angle−Bin
98−3037	15	15	1	Spring−Extension
98−3043	17	4	1	Spring−Gas
98−3044	17	19	2	Clip−Safety
98−3317	3	1	1	Harness−Wire
98−4350	2	2	1	Control−Throttle
98−4351	1	23:2	1	Wheel ASM
98−4358	14	21	1	Decal−Danger
98−4362	12	29	1	Decal−H.o.c.
98−4363	14	27	1	Decal−Torque
98−4367	4	34	2	Clevis−Adjustable
98−4368	10	7	1	Rear Heat Baffle Ce ASM
98−4369	14	22	2	Decal−Danger
98−4371	7	38	1	Cable−Seat
98−4372	1	30	1	Decal−90 Lpa
98−4373	3	40	1	Harness−Adapter
98−4374	6	46	1	Pump−Hydraulic
98−4375	5	37	1	Pump−Hydraulic
98−4377	7	29	1	Bumper ASM
98−4383	1	19	1	Decal−Patent Numbers
98−4384	5	13	2	Hose ASM − Hyd
98−4385	13	14	1	Decal−Danger
98−4386	10	3	2	Screw−PH
98−4389	8	57	1	Foam−Plate
98−4391−03	16	24	1	Impeller ASM
98−4392	16	1	1	Pulley−Ce Gearbox
98−4393	16	2	1	V−Belt
98−7305	13	7	1	Cover−Driveshaft
98−7306	13	11	1	Support−Cover
98−7310	18	15	4	Rivet
98−7314	13	2	1	Cover−Gearbox
98−7316	15	2	1	Bracket−Plenum
98−7317	15	6	1	Bracket−Hinge
2112−11	10	16	1	Clamp−Muffler
232−27	1	23:3	1	Valve Stem
232−27	1	26:2	2	Valve Stem
233−52	18	16	2	Knob−Black
237−22	5	20:1	2	O−Ring
237−22	5	32:1	2	O−Ring
237−30	5	1:1	2	O−Ring
237−30	5	10:1	1	O−Ring
237−30	5	12:1	2	O−Ring
237−30	5	31:1	3	O−Ring

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
237−30	5	33:1	4	O−Ring
237−42	5	20:2	1	O−Ring
237−78	5	32:2	2	O−Ring
237−79	5	10:2	1	O−Ring
237−79	5	12:2	2	O−Ring
237−79	5	33:2	4	O−Ring
237−80	5	1:2	2	O−Ring
237−80	5	31:2	3	O−Ring
240−11	7	25	1	Grommet
242−50	1	27	8	Nut−Lug
2411−52	9	11	2	Rod−End RH
2411−53	9	20	2	Rod−End LH
2412−39	2	12	4	R−Clamp
2412−93	3	28	1	R−Clamp
2412−93	18	42	6	R−Clamp
2412−98	2	29	2	Clamp−Hose
2412−120	7	22	2	Clamp−R
2412−127	18	43	3	Clip
2412−138	18	50	1	Clamp−R .56id X .75
251−82	16	22	2	Bearing−Ball
254−61	1	7	2	Cup−Bearing
254−62	1	8	1	Cone−Bearing
254−70	1	5	1	Bearing w/Cone & Seal
256−90	16	15	2	Bushing−Flange
282−2	4	31	2	Pin−Clevis
283−1	4	5	8	Pin−Clevis
283−2	16	8	1	Pin−Clevis
283−49	15	17	1	Pin−Clevis
283−55	12	2	4	Pin−Clevis
283−66	9	26	4	Pin−Clevis
283−68	18	14	2	Pin−Clevis
288−4	2	23	1	Cap−Pipe
302−5	9	37	3	Fitting−Grease
302−5	12	4	2	Fitting−Grease
302−60	12	36	2	Fitting−Lube 90
321−3	7	9:5	2	Screw−HH
321−4	3	16	2	Screw−HH
321−4	3	27	5	Screw−HH
321−4	4	18	8	Screw−HH
321−4	10	21	1	Screw−HH
321−4	18	35	16	Screw−HH
321−5	14	17	4	Screw−HH
322−2	7	47	2	Screw−HH
322−3	2	13	4	Screw−HH
322−3	3	22	4	Screw−HH
322−3	4	4	4	Screw−HH
322−3	7	35	4	Screw−HH
322−4	7	44	6	Screw−HH
322−5	5	6	4	Screw−HH
322−5	9	12	4	Screw−HH
322−6	16	11	1	Screw−HH
322−6	18	26	4	Screw−HH
322−10	6	44	1	Screw−HH
322−10	7	28	2	Screw−HH
322−29	16	27	2	Screw−HH
323−4	9	23	4	Screw−HH
323−4	16	29	1	Screw−HH
323−5	10	22	3	Screw−HH
323−5	16	31	1	Screw−HH
323−6	1	25	6	Screw−HH
323−6	9	30	3	Screw−HH
323−6	11	24	2	Screw−HH

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
323−6	18	9	4	Screw−HH
323−7	7	39	2	Screw−HH
323−8	9	28	2	Screw−HH
323−9	2	25	4	Screw−HH
323−9	7	24	1	Screw−HH
323−10	11	17	2	Screw−HH
323−11	11	2	2	Screw
323−12	16	20	1	Screw
323−18	4	27	4	Screw−HH
323−19	11	43	2	Screw−HH
323−31	11	31	1	Screw−HH
323−39	14	9	1	Screw−HH
324−4	10	19	1	Screw−HH
324−5	5	35	4	Screw−HH
325−2	1	14	2	Screw
325−4	17	14	1	Screw−HH
325−5	17	7	2	Screw−HH
325−11	17	6	2	Screw−HH
325−17	14	4	2	Screw−HH
325−19	12	8	2	Screw−HH
325−24	1	18	1	Screw−HH
3212−10	11	21	1	Screw
3217−6	16	12	1	Nut−Hex
3217−7	9	29	4	Nut−Lock
3217−27	3	4:3	2	Nut−HH
3218−3	9	25	4	Nut−HJ
3220−2	4	33	2	Nut−Jam
3220−2	9	10	2	Nut−Jam
3220−3	2	4	1	Nut−Hex Jam
3220−7	1	9	1	Nut−Jam
3220−20	4	32	2	Nut−Hex Jam
3220−20	9	8	2	Nut−Hex Jam
3229−25	15	5	2	Screw−CARR
3230−2	7	43	1	Screw−CARR
3230−23	13	13	2	Bolt−CARR
3230−23	14	3	6	Bolt−CARR
3230−23	15	9	10	Bolt−CARR
3231−2	17	20	1	Screw−CARR
3231−4	16	7	1	Bolt−CARR
3233−27	1	4	4	Screw−CARR
3234−1	11	8	8	Screw−HHF
3234−4	2	6	6	Screw−HH
3234−4	5	17	2	Screw−HH
3234−4	10	4	4	Screw−HH
3234−5	13	10	8	Screw−HHF
3234−11	11	40	4	Screw−HHF
3234−17	18	5	10	Screw−Hfh
3234−28	13	3	2	Screw−HHF
3241−5	11	35	4	Set Screw
3242−4	16	36	2	Screw−Set
3246−3	11	33	2	Screw−HSH
3250−13	2	31	2	Screw−PPH
3250−19	18	41	4	Screw−Phm
3250−29	2	17	5	Screw
3253−4	7	36	4	Washer−Lock
3253−5	10	23	3	Washer−Lock
3253−6	10	18	1	Washer−Lock
3255−25	3	4:2	2	Washer−Lock
3256−2	7	37	5	Washer−Flat
3256−3	16	10	1	Washer−Flat
3256−6	7	54	1	Washer−Flat
3256−6	12	9	8	Washer−Flat

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
3256–8	1	13	1	Washer–Flat
3256–12	18	25	2	Washer–Flat
3256–14	3	34	3	Washer–Flat
3256–21	7	50	2	Washer–Flat
3256–21	17	18	1	Washer–Flat
3256–21	18	32	6	Washer–Flat
3256–22	3	15	4	Washer–Flat
3256–22	18	36	20	Washer–Flat
3256–23	3	26	2	Washer–Flat
3256–23	4	3	4	Washer–Flat
3256–23	5	25	1	Washer–Flat
3256–23	7	6	8	Washer–Flat
3256–24	4	28	1	Washer–Flat
3256–24	7	12	2	Washer–Flat
3256–24	11	7	5	Washer–Flat
3256–25	11	22	1	Washer–Flat
3256–26	1	16	6	Washer–Flat
3256–39	1	21	2	Washer–Flat
3256–39	9	15	1	Washer–Flat
3257–42	5	40	2	Key–Woodruff
3269–4	15	14	4	Rivet–Pop
3269–8	7	23	2	Rivet
3269–25	15	3	3	Rivet–Pop
3272–4	9	4	4	Pin–Cotter
3272–10	4	7	2	Pin–Cotter
3272–17	1	10	1	Pin–Cotter
3274–83	5	3	2	Screw–HSH
3274–93	5	39	8	Screw–HSH
3274–102	18	48	2	Screw–HSH
3290–124	18	29	2	Screw–HH
3290–126	5	24	1	Screw–Hfh
3290–250	15	18	1	Pin–Cotter
3290–307	4	19	6	Pin–Cotter
3290–313	17	10	2	Screw–PH
3290–343	1	33	2	Pin–Cotter
3290–355	12	10	4	Pin–Hair
3290–355	18	12	2	Pin–Hair
3290–357	7	32	1	Nut–Lock
3290–359	17	17	3	Screw–Rd
3290–359	18	31	6	Screw–Rd
3290–378	2	28	A/R	Tie–Cable
3290–378	3	29	A/R	Tie–Cable
3290–378	6	42	A/R	Tie–Cable
3290–378	17	21	1	Tie–Cable
3290–378	18	19	8	Tie–Cable
3290–379	3	7	A/R	Tie–Cable
3290–381	18	44	3	Tie–Cable
3290–412	18	20	8	Pop Rivet–
3290–467	16	9	1	Pin–Cotter
3296–2	2	1	2	Nut–Lock
3296–2	3	33	3	Nut–Lock
3296–6	11	38	1	Nut–Lock
3296–9	18	27	2	Nut–Lock
3296–16	14	20	4	Nut–Lock
3296–23	1	15	5	Nut–Lock
3296–23	6	45	8	Nut–Lock
3296–23	7	55	1	Nut–Lock
3296–25	14	6	2	Nut–Hex
3296–29	2	14	4	Nut–Lock
3296–29	3	24	4	Nut–Lock
3296–29	4	1	4	Nut–Lock
3296–29	5	26	7	Nut–Lock

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
3296−29	7	31	9	Nut−Lock
3296−29	9	14	2	Nut−Lock
3296−39	1	2	6	Nut−Lock
3296−39	2	27	4	Nut−Lock
3296−39	4	29	4	Nut−Lock
3296−39	7	11	2	Nut−Lock
3296−39	9	35	7	Nut−Lock
3296−39	11	10	13	Nut−Lock
3296−39	12	23	4	Nut−Lock
3296−39	14	5	1	Nut−Lock
3296−42	3	21	5	Nut−Lock
3296−42	4	21	8	Nut−Lock
3296−42	10	20	1	Nut−Lock
3296−42	18	37	16	Nut−Lock
3296−47	9	18	2	Nut−Lock
3296−52	17	11	2	Nut−Lock
3296−59	18	49	2	Nut−Lock
32103−22	3	10	4	Nut−Wing
32105−13	3	35	3	Screw−HH
32120−8	16	21	2	Snap Ring (N5000−206)
32120−72	4	22	2	Ring−Retaining
32121−48	11	44	1	Pin−Roll
32121−79	12	5	2	Roll Pin
32121−93	4	9	1	Pin−Spiral
32121−103	9	22	2	Pin−Spring
32128−13	13	4	5	Nut−Lock Flange
32128−13	14	2	6	Nut−Lock Flange
32128−13	15	10	10	Nut−Lock Flange
32128−21	16	4	4	Nut−HF
32128−21	18	10	4	Nut−HF
32128−23	17	3	5	Nut−Lock
32128−25	16	18	7	Nut−Hex Flange
32128−25	18	2	14	Nut−Hex Flange
32128−32	15	7	2	Nut−Hex Flange
32128−42	5	34	4	Nut−Hex Flange
32144−4	7	33	4	Screw−TAP
32144−10	2	11	2	Screw−HH
32144−11	7	7	4	Screw−TAP
32144−14	5	18	2	Screw−HWH
32144−14	7	27	7	Screw−HWH
32144−14	10	31	2	Screw−HWH
32144−14	13	5	6	Screw−HWH
32144−74	3	9	2	Screw
32144−124	7	4	6	Screw−PPH
32151−91	12	6	4	Ring−Retaining
32152−1	17	2	2	Nut−Lock
32153−5	12	7	2	Nut−Lock
33093−00	10	10	1	Washer−Flat M6
33114−020	10	26	2	Screw−HH
340−4	5	33	4	Fitting−Hyd
340−77	5	36	1	Fitting−Hydraulic
340−89	5	1	2	Fitting−Hydraulic
340−94	5	20	1	Tee
340−97	5	32	2	Fitting−Hydraulic
340−98	5	12	2	Fitting−Hyd
340−105	5	31	3	Fitting−Elbow
340−157	5	10	1	Fitting−Hydraulic
351−78	7	9:3	1	Edging
351−80	7	9:6	1	Edging Clip

*Not Illustrated

MAINTENANCE RECORD

Date								

MAINTENANCE RECORD

Date								