FORM NO. 3319–164 REV. A

TORO®

520–H GT

Garden Tractor

Model No. 73502 – 7900001 & 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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Note:

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
INCL	includes
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

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SPH . . . . . slotted pan head
STD . . . . . standard
TAP . . . . . self tapping
TH . . . . . truss head
TTH . . . . . Torx truss head
WH . . . . . wing head

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.

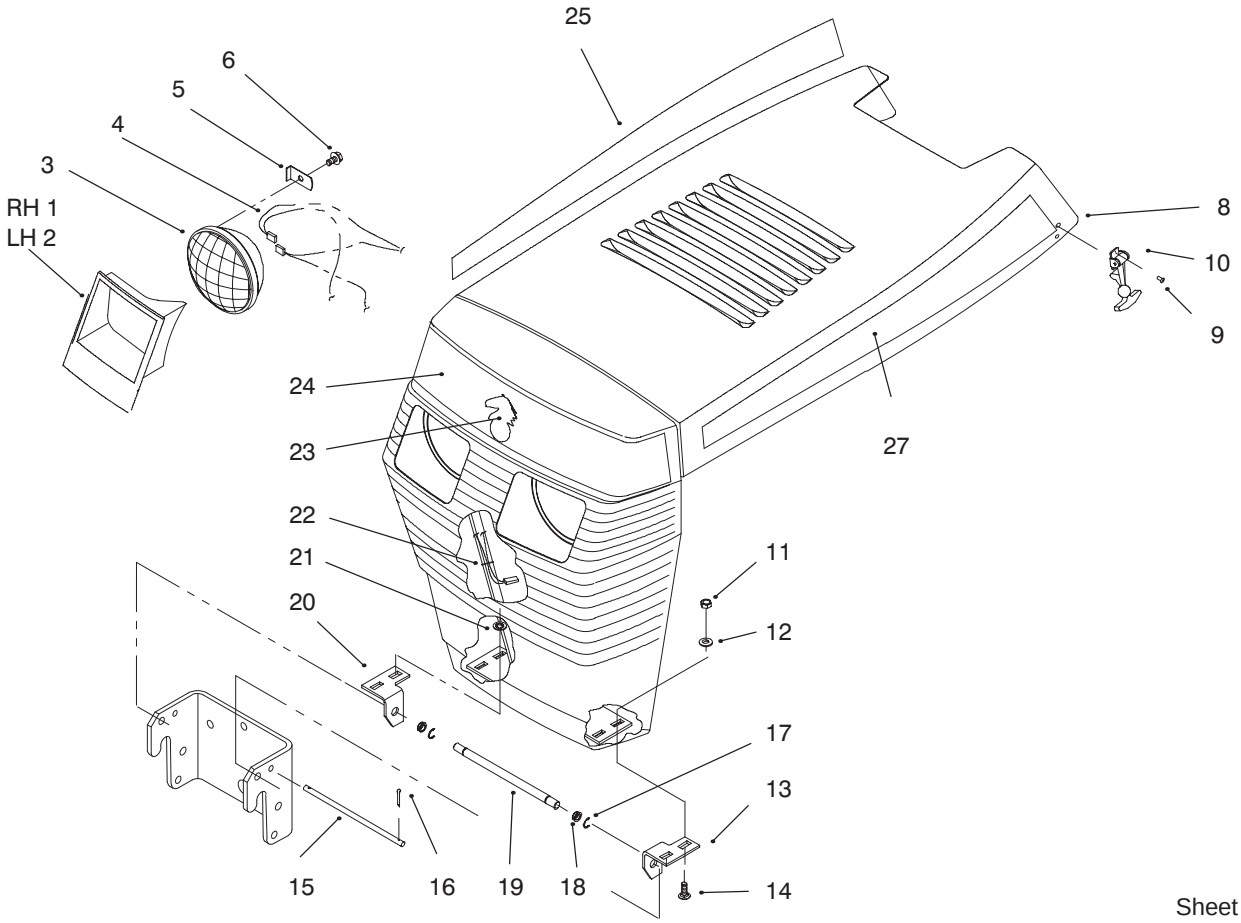
For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part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

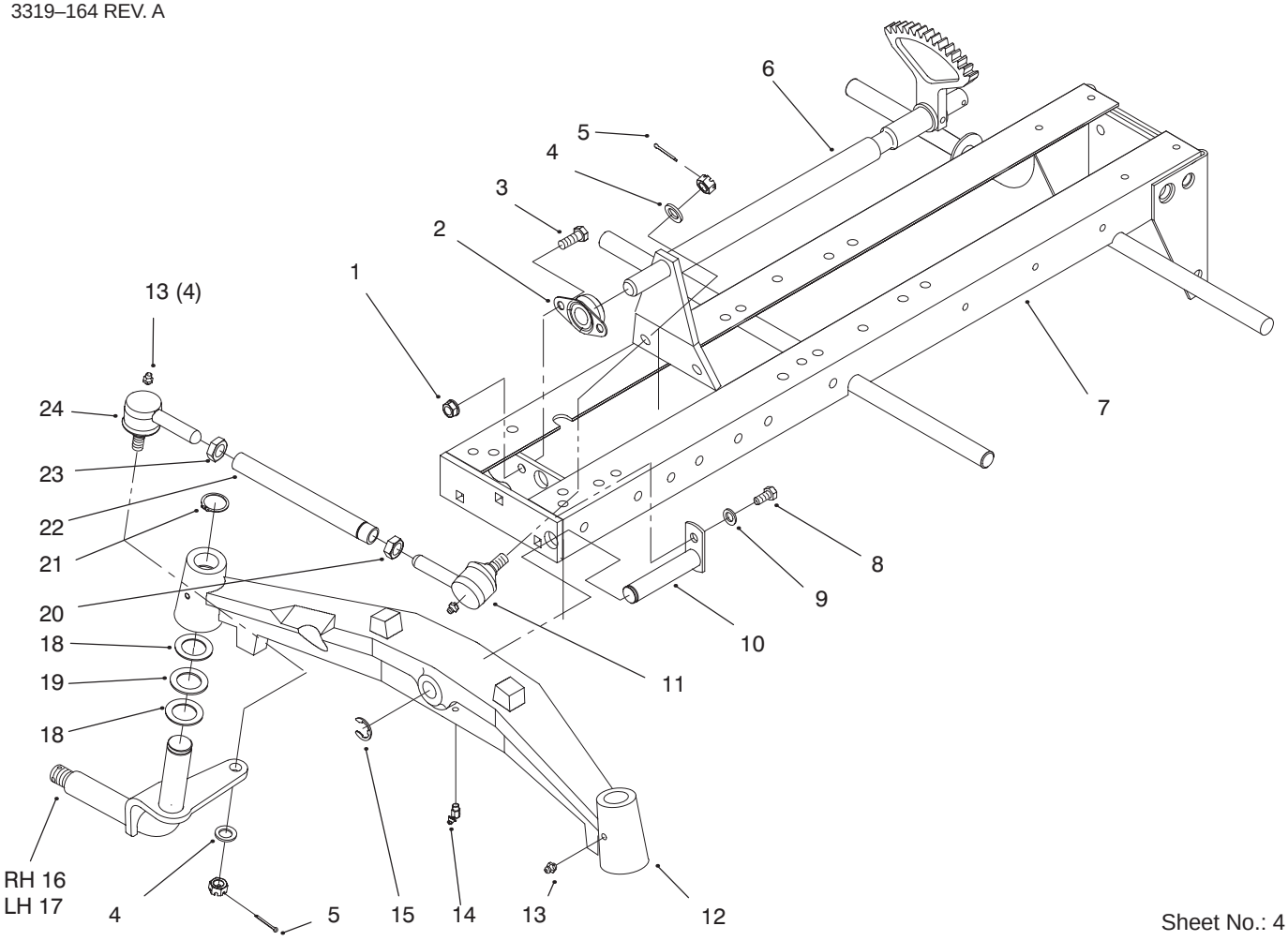


Sheet No.: 2

Hood Assembly

Ref. No.	Part No.	Qty.	Description
1	109495	1	Bezel–Headlight
2	109494	1	Bezel–Headlight
3	102881	2	Headlamp
4	114052	1	Wire Harness
5	109459	2	Clamp–Headlight
6	9266714	2	Screw–HWHTF
7	9080356	1	Screw–HH
8	113968	1	ASM–Hood & Grill
9	117432	4	Poprivet
10	117344	2	Handle–Latch
11	3296–42	4	Nut–Lock
12	3256–22	4	Washer–Flat
13	116747	1	Bracket–Grill
14	3229–25	4	Screw–CARR
15	109367–03	1	Bracket–Brake
16	3272–1	2	Pin–Cotter
17	5979	2	Bushing
18	105797	2	Ring–Retaining
19	116745	1	Rod–Pivot
20	116746	1	Bracket–Grill
22	3290–378	1	Tie–Cable
23	94–3736	1	Plate–Logo
24	92–9826	1	Decal–Hood
25	92–9835	1	Decal–Hood RH
27	92–9834	1	Decal–Hood LH

Ref. No.	Part No.	Qty.	Description

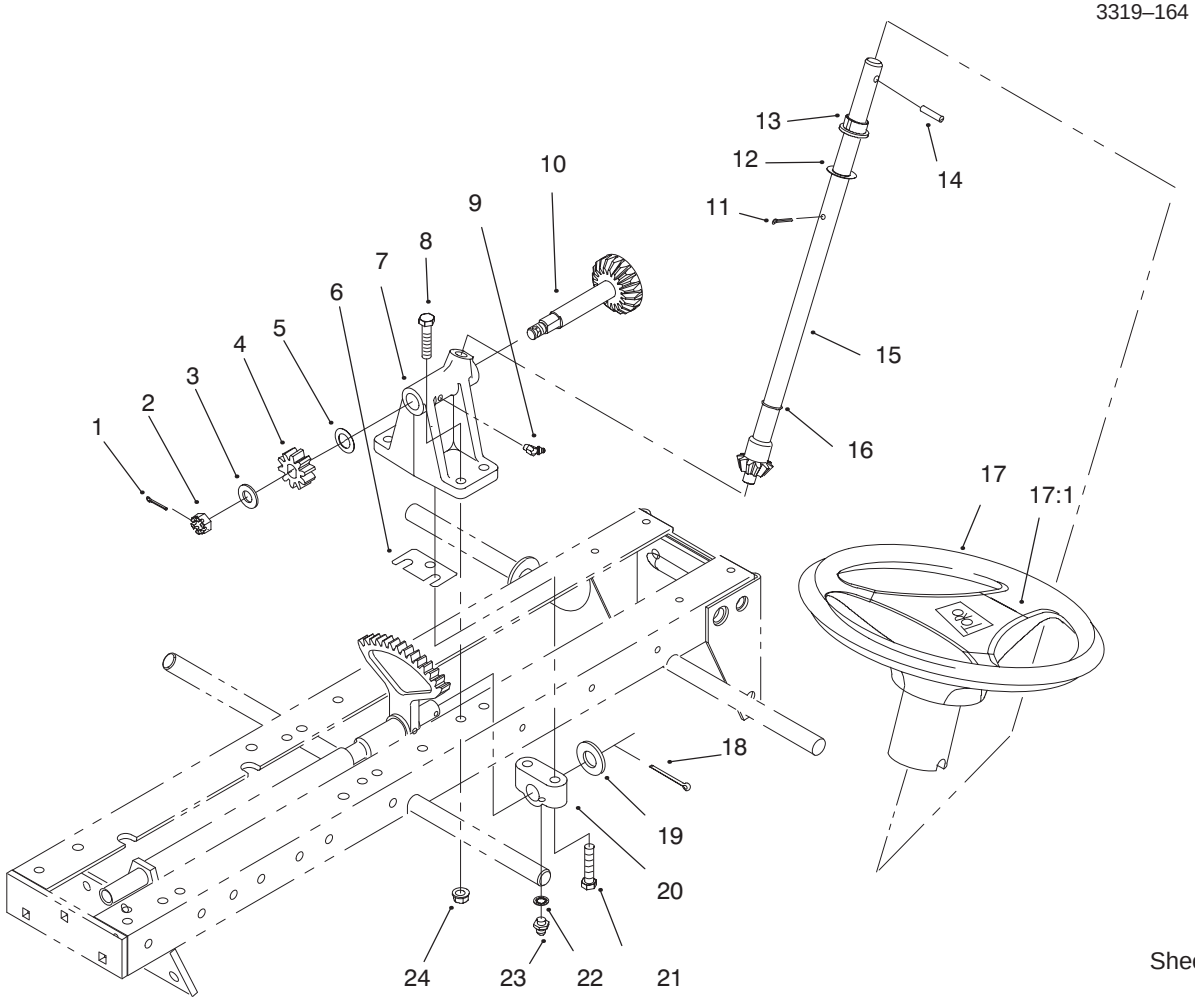


Sheet No.: 4

Frame Front Axle

Ref. No.	Part No.	Qty.	Description
1	3296–39	2	Nut–Lock
2	6472	1	Bearing–Pillow
3	323–6	2	Screw–HH
4	9202424	4	Washer–Flat
5	3272–7	4	Pin–Cotter
6	78–1490–03	1	Shaft ASM
7	94–6674–01	1	Frame
8	322–1	1	Screw–HH
9	3253–4	1	Washer–Lock
10	6216	1	Pin–Pivot
11	112772–01	2	Balljoint–RH Thread
12	116823–01	1	Axle–Front
13	302–5	6	Fitting–Grease
14	302–11	1	Fitting–Grease
15	5618	1	Ring–Retaining
16	112764–01	1	Spindle–RH
17	112765–01	1	Spindle–LH
18	9548	4	Washer–Thrust
19	9865	2	Bearing–Thrust
20	3220–11	2	Nut–HJ
21	32151–29	2	Ring–Ext Snap
22	112773–01	2	Tube
23	112775	2	Nut–Hex Jam
24	112771–01	2	Balljoint–LH Thread

Ref. No.	Part No.	Qty.	Description

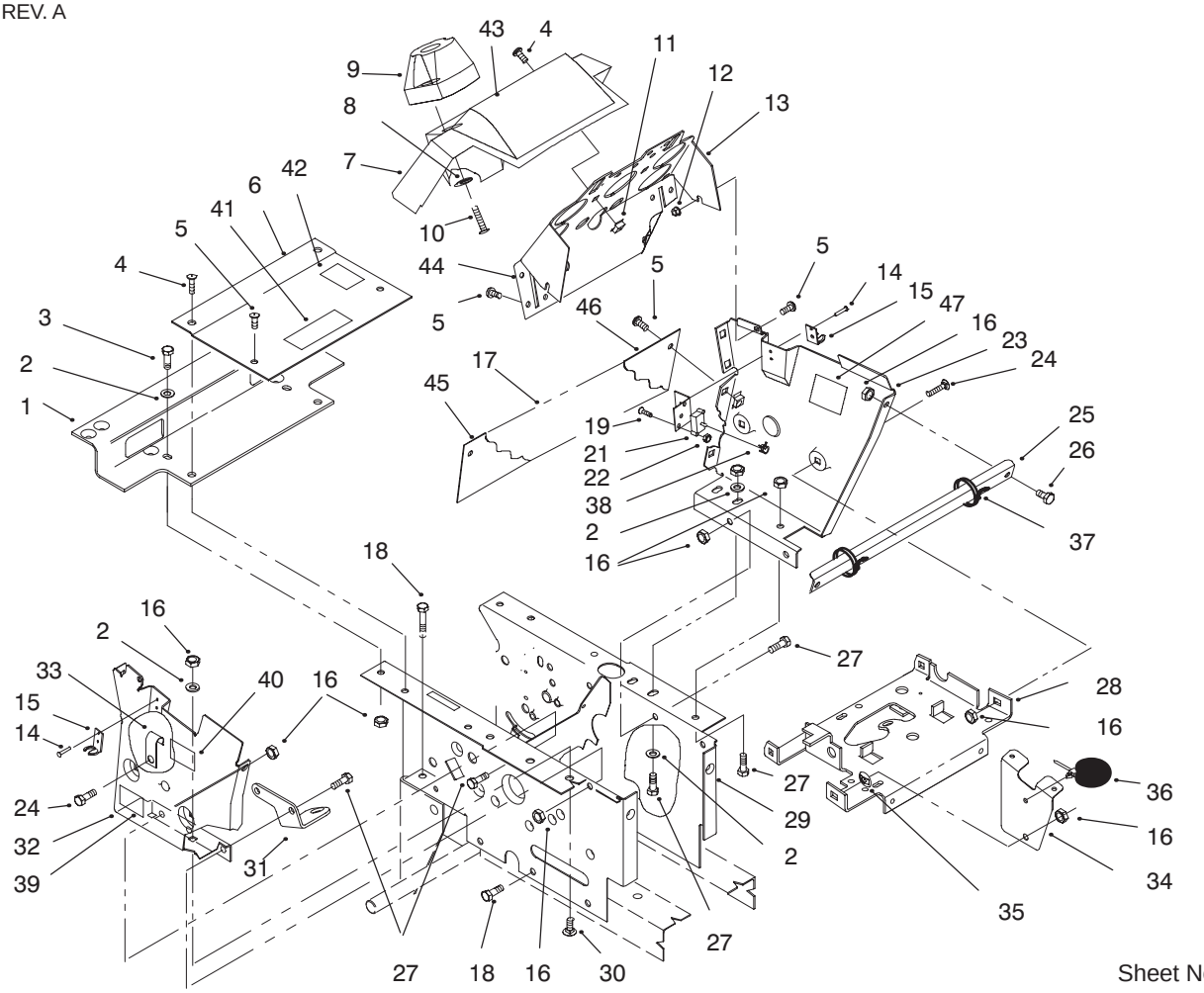


Sheet No.: 5

Steering System

Ref. No.	Part No.	Qty.	Description
1	3272–11	1	Pin–Cotter
2	32136–3	1	Nut–Shh
3	3256–26	1	Washer–Flat
4	78–1481	1	Pinion–Spur
5	9202624	1	Washer–Flat
6	78–1531	3	Shim–.010
7	78–1411–03	1	Support–Steering
8	323–8	4	Screw–HH
9	302–11	1	Fitting–Grease
10	78–1450	1	Countershaft ASM
11	3272–21	1	Pin–Cotter
12	5210	6	Washer–Shim
13	109189	1	Bearing–Flange
14	32121–111	1	Pin–Spiral
15	92–0995	1	Shaft–Upper
16	237–69	1	O–Ring
17	94–3519	1	Wheel–Steering
17:1	88–3870	1	Cover–Steering Wheel
18	3272–22	1	Pin–Cotter
19	9202164	1	Washer
20	88–3240	1	Block–Bearing
21	9080376	2	Screw–HH
22	3254–8	1	Washer–Lock
23	302–16	1	Fitting–Grease
24	3296–39	4	Nut–Lock

Ref. No.	Part No.	Qty.	Description

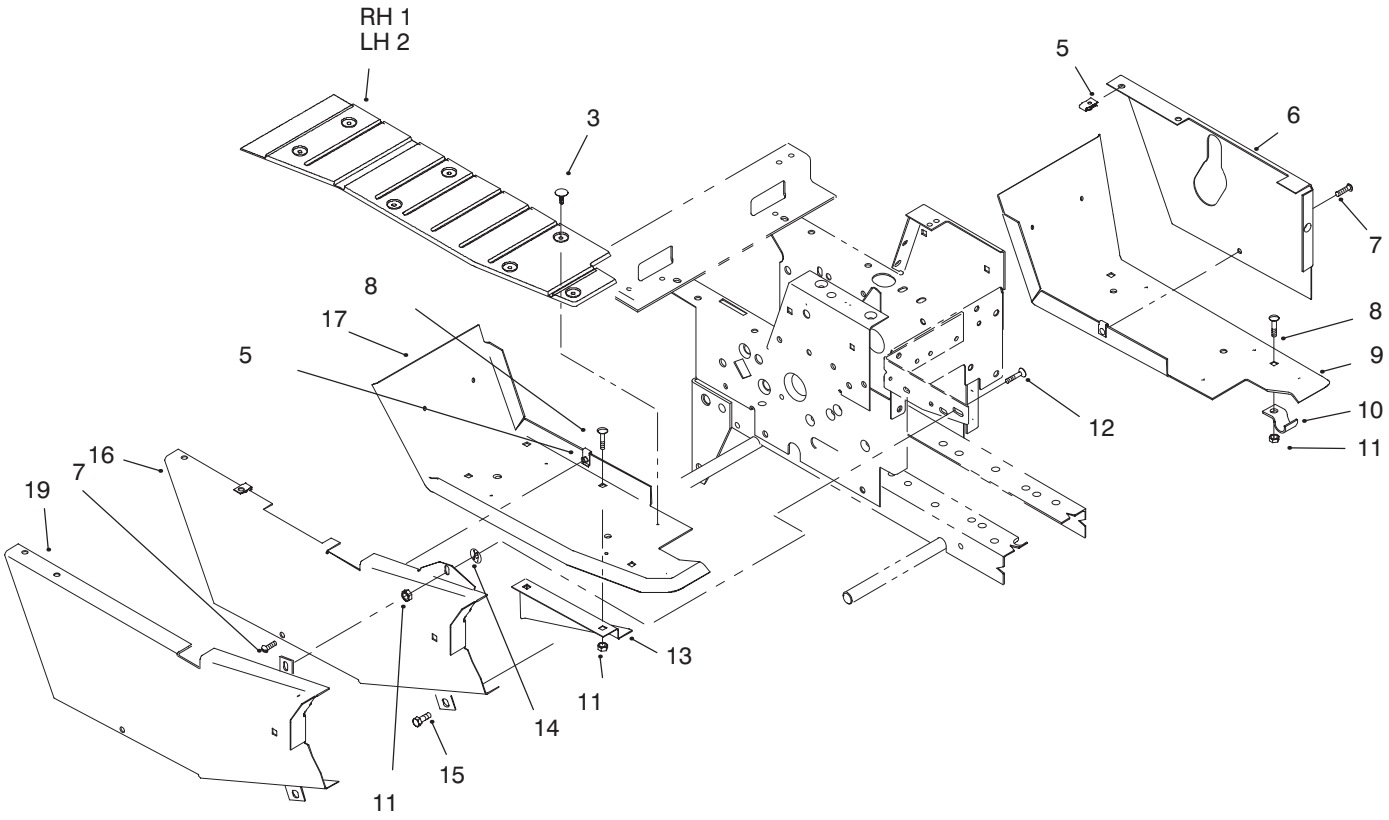


Sheet No.: 8

Hoodstand, Console

Ref. No.	Part No.	Qty.	Description
1	113023–03	1	Bracket–Fender
2	3256–23	8	Washer–Flat
3	322–5	2	Screw–HH
4	9108392	6	Screw–Phcr
5	9108372	12	Screw–Phcr
6	79–6770–03	1	Plate–Top Hoodstand
7	115620	1	Cover–Console 5–Gage
8	9202704	4	Washer–Flt
9	118410	1	Cover–Steering Shaft
10	118780	4	Screw
11	32115–5	12	Nut–Retainer
12	32128–33	2	Nut–Hex Flange
13	117267–03	1	Panel ASM
14	117433	2	Rivet–Pop
15	117343	2	Latch–Hood
16	3296–29	18	Nut–Lock
17	113928–03	1	Plate–Hoodstand
18	9266944	10	Screw–HH
19	9109484	2	Screw–Phcr
20	114628	1	Bracket–Switch
21	94–1839	1	Sensor–Air Clnr Vacuum
22	9157324	2	Nut–Lock
23	79–4890–03	1	Panel–Side LH
24	116000	4	Screw–CARR

Ref. No.	Part No.	Qty.	Description
25	113932–03	1	Stiffener–Panel
26	322–2	2	Screw–HH
27	322–3	8	Screw–HH
28	116309–03	1	ASM–Support
29	79–5120–03	1	ASM–Hoodstand
30	9000369	2	Bolt–CARR
31	78–1540–03	1	Bracket–Control
32	113962–03	1	Panel–Side
33	8830	1	Retainer–”J”
34	117191–03	1	Bracket–Holder
35	108457	1	Nut–Push
36	117257	1	Tie– Snap In
37	3290–378	2	Tie–Cable
38	114767	1	Clamp–Hose.32d X.31w Blk
39	92–9833	2	Decal–520 Hydro
41	92–8946	1	Decal–Danger
42	116445	1	Decal–Parking Brake
43	78–8350	1	Decal–Indicator Lights
44	119230	1	Decal–Lower Dash
45	111960	1	Decal–PTO Clutch
46	92–9838	1	Decal–Danger
47	111926	1	Decal–Electric
48	117432	2	Poprivet

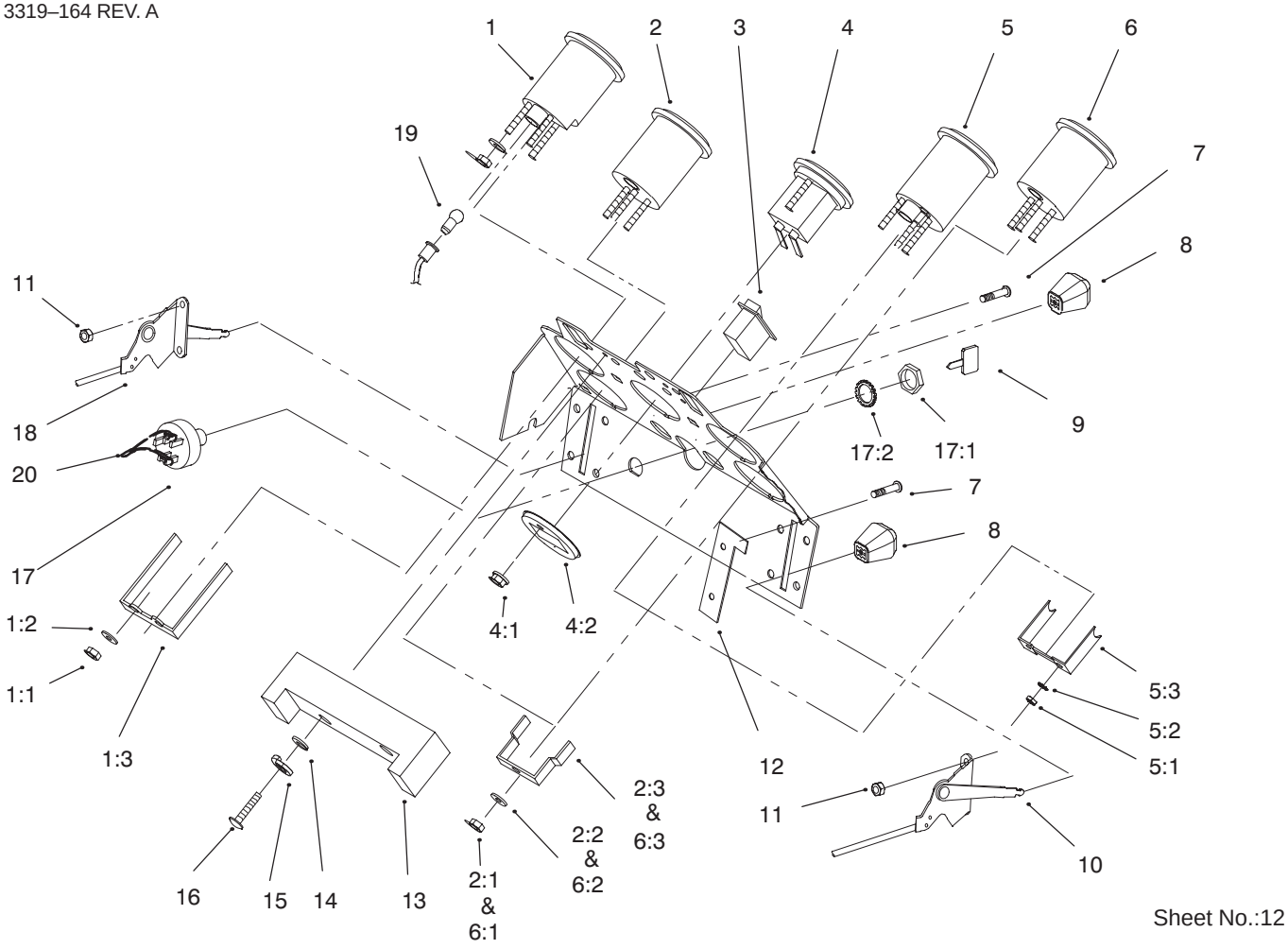


Sheet No.: 9

Footrest & Hoodstand Side Covers

Ref. No.	Part No.	Qty.	Description
1	94–3710	1	Mat–Foot
2	94–3712	1	Mat–Foot
3	3290–479	16	Fastener–Panel
5	107069	6	Nut–Panel
6	79–5130–01	1	Cover–Side L.h.
7	9108372	2	Screw–Phcr
8	116000	4	Screw–CARR
9	94–3522–01	1	Footrest–LH
10	7456	4	Clamp
11	3296–29	5	Nut–Lock
12	3230–1	1	Bolt–CARR
14	108457	1	Nut–Push
15	9266944	1	Screw–HH
16	95–7696–01	1	Guard–Belt
17	94–3521–01	1	Footrest–RH

Ref. No.	Part No.	Qty.	Description

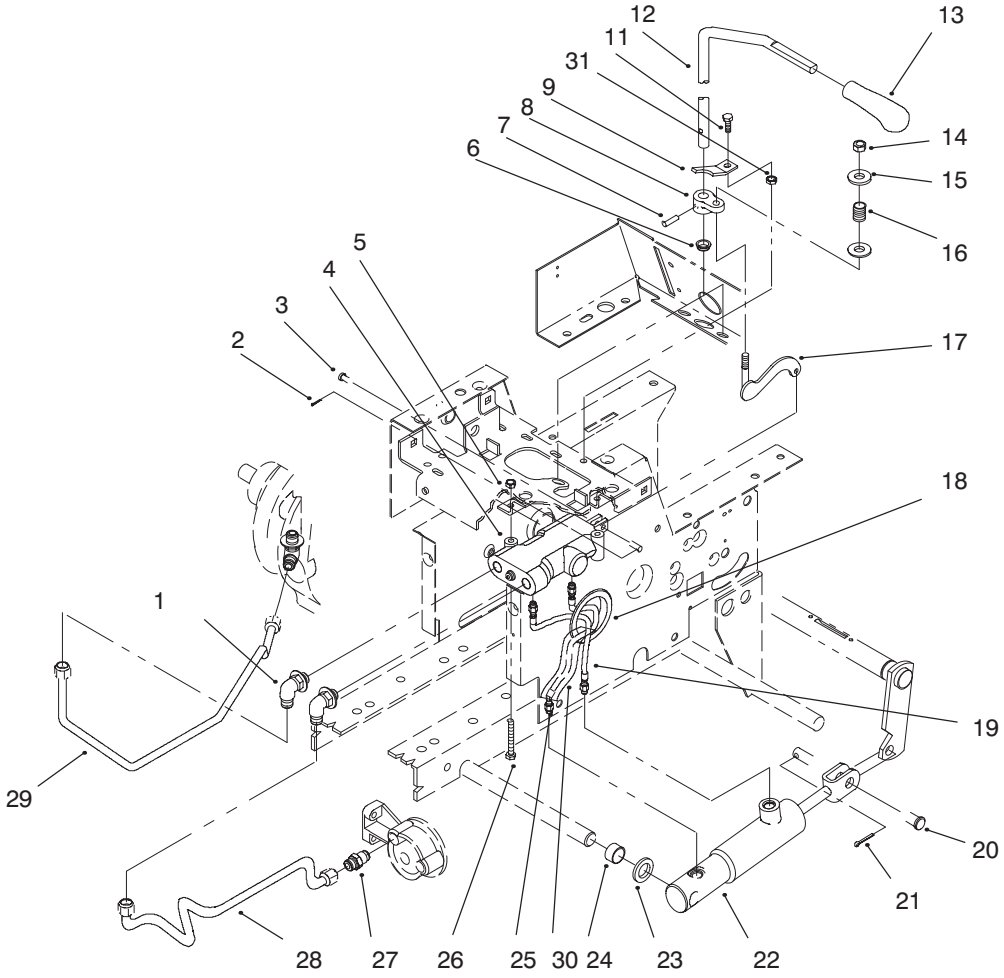


Sheet No.:12

Gauges, Warning Lights & Controls

Ref. No.	Part No.	Qty.	Description
1	78–0060	1	Tachometer
1:1	3217–27	3	Nut–HH
1:2	3255–25	3	Washer–Lock
1:3	78–0090	1	Bracket–Mounting
2	78–0040	1	Gauge–Fuel
2:1	3217–27	3	Nut–HH
2:2	3255–25	3	Washer–Lock
2:3	78–0080	1	Bracket–Mounting
3	92–9844	1	Switch–Light
4	94–3723	1	Hourmeter
4:1	32149–9	2	Nut/Washer–Lock
4:2	94–1849	1	Cup–Retainer
5	79–2660	1	Gauge–Vacuum
5:1	3217–27	2	Nut–HH
5:2	3255–25	2	Washer–Lock
5:3	78–0100	1	Bracket–Mounting
6	78–0030	1	Voltmeter
6:1	3217–27	1	Nut–HH
6:2	3255–25	1	Washer–Lock
6:3	78–0080	1	Bracket–Mounting
7	9107922	4	Screw–Phcr
8	66–0120	2	Knob
9	62–7770	2	Key–Ignition
10	114027	1	Control–Choke
11	9157404	4	Nut
12	114641–03	1	Stop–Choke

Ref. No.	Part No.	Qty.	Description
13	79–2130	1	Circuit Board–8 Light
14	3256–21	2	Washeer–Flat
15	3253–15	2	Washer–Lock
16	9107834	2	Screw–Phcr
17	111216	1	Switch–Ignition
17:1	101884	2	Nut–Hex
17:2	9201604	1	Washer–Lock
18	115392	1	Control–Throttle
19	79–0450	4	Lamp–Mini

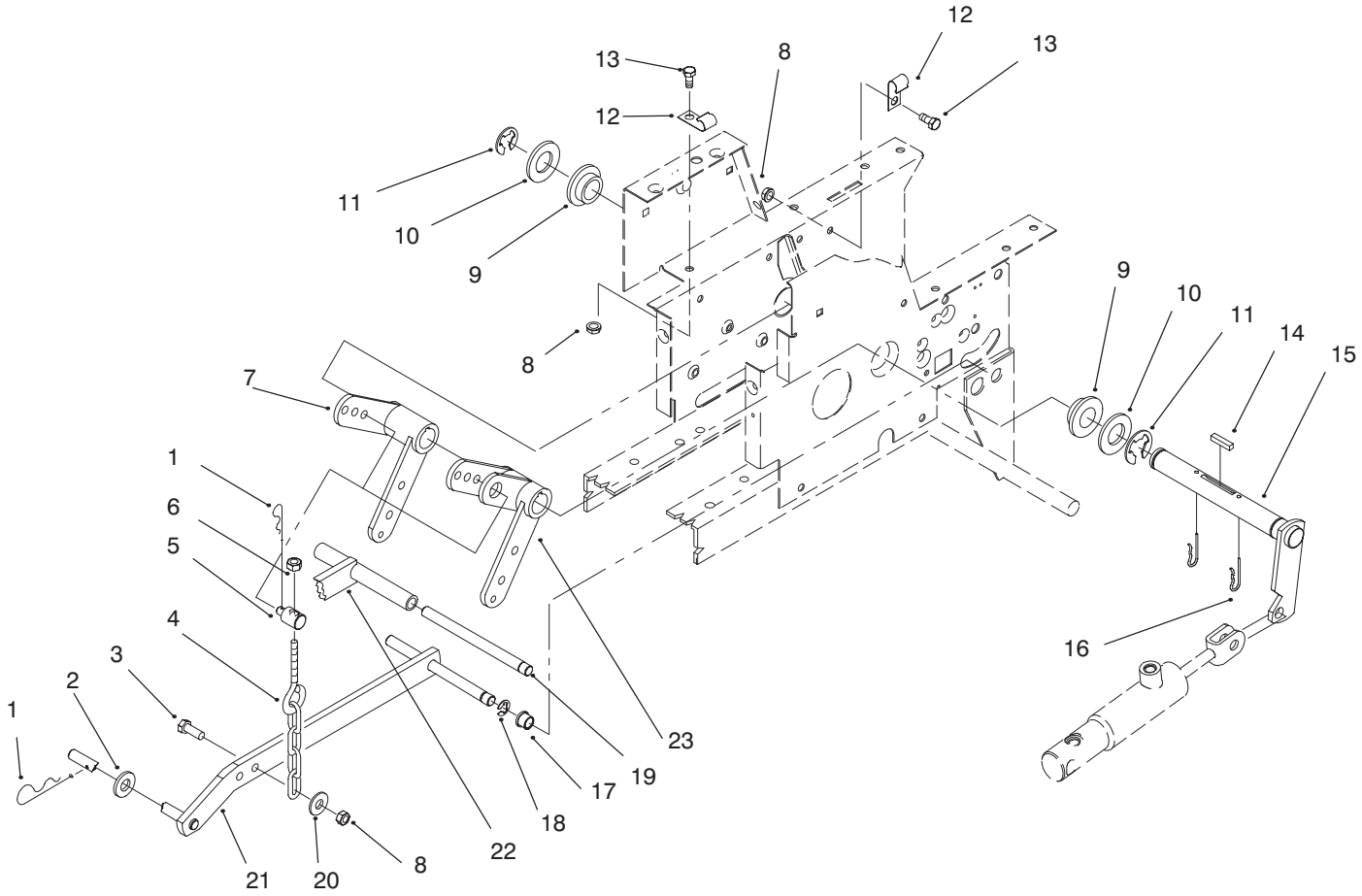


Sheet No.: 14

Hydraulic Lift System

Ref. No.	Part No.	Qty.	Description
1	108365	2	Fitting–Tube
2	3272–1	1	Pin–Cotter
3	9321204	1	Pin–Clevis
4	114000	1	Valve ASM – Hyd
5	3296–42	2	Nut–Lock
6	5983	1	Bushing
7	933198	1	Pin–Spirol
8	116302	1	Arm–Control
9	116305–03	1	Bracket–Control
11	321–4	1	Screw–HH
12	117328	1	Rod–Lift Control
13	94–6694	1	Knob–Lift
14	3296–29	2	Nut–Lock
15	3256–23	2	Washer–Flat
16	104841	1	Spring
17	78–5640	1	Valve Actuator Bar ASM
18	106267	1	Grommet
19	94–6697	1	Hose–Hydraulic
20	9329974	1	Pin–Clevis
21	3272–11	1	Pin–Cotter
22	119340	1	Cylinder–Hydraulic
23	9202324	1	Washer–10 GA
24	101757	1	Spacer
25	94–6698	1	Hose–Hydraulic
26	321–11	2	Screw–HH

Ref. No.	Part No.	Qty.	Description
27	102628	1	Fitting–Tube
28	94–1802	1	Tube ASM–Hyd Return
31	3296–8	1	Nut–Lock
32	94–6699	2	Adaptor–Hose

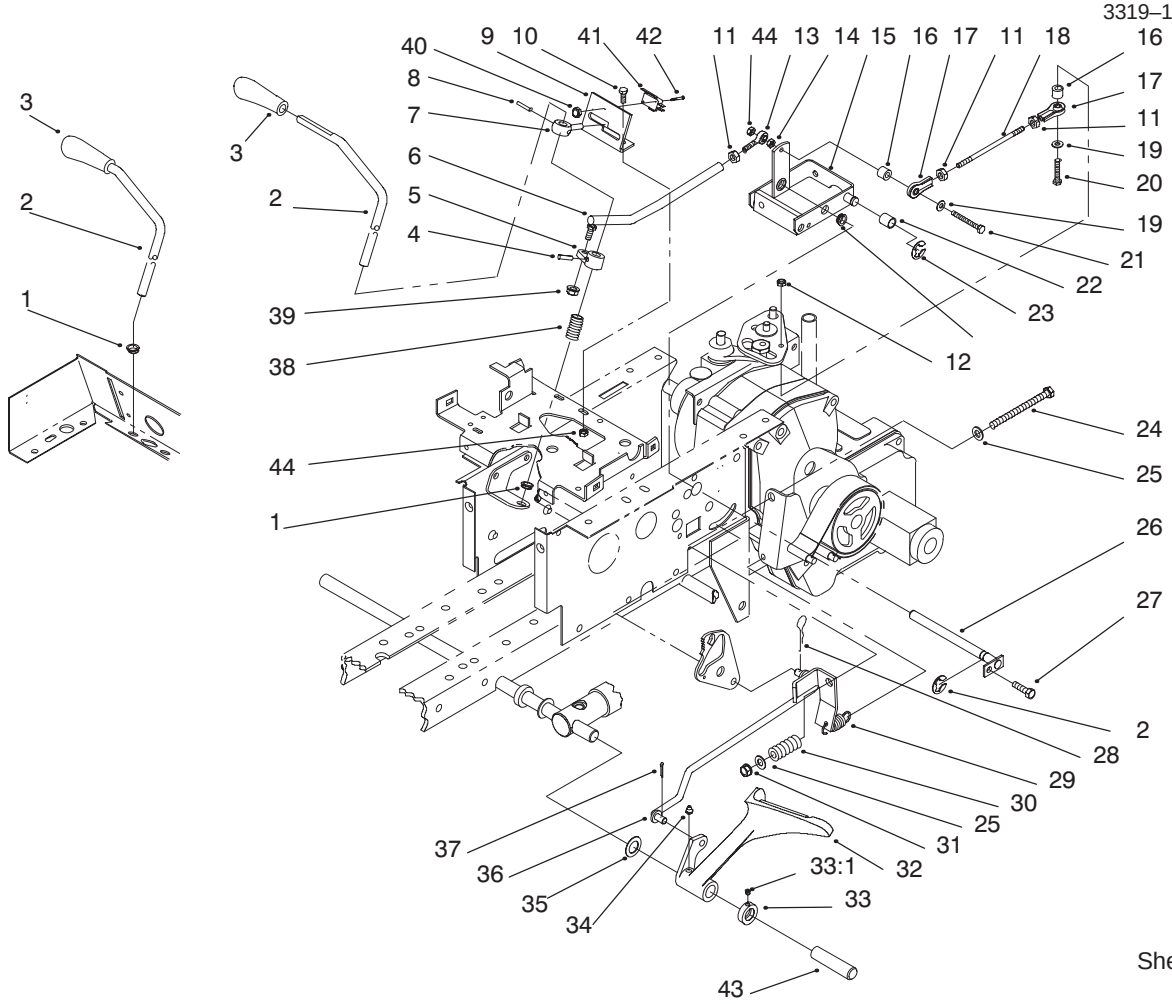


Sheet No.: 15

Hydraulic Lift System

Ref. No.	Part No.	Qty.	Description
1	9335054	2	Hairpin
2	3256–26	1	Washer–Flat
3	322–6	1	Screw–HH
4	106522	1	Chain–Lift
5	79–5720	1	Trunnion
6	3296–39	1	Nut–Lock
8	3296–29	2	Nut–Lock
9	106269	2	Bearing–Flange
10	3256–62	2	Washer–Flat
11	32151–91	2	Ring–Retaining
12	8830	1	Retainer–”J”
13	322–2	1	Screw–HH
14	1121	1	Key–Square
15	121100	1	Lift Arm ASM
16	9335074	2	Hairpin
17	6229	1	Bushing–Flanged
18	32120–47	1	Ring–Retaining
19	102374	1	Pin–Pivot
20	3256–23	1	Washer–Flat
22	120400–03	1	Bar–Lift
23	79–5700	1	Lever–Lift

Ref. No.	Part No.	Qty.	Description

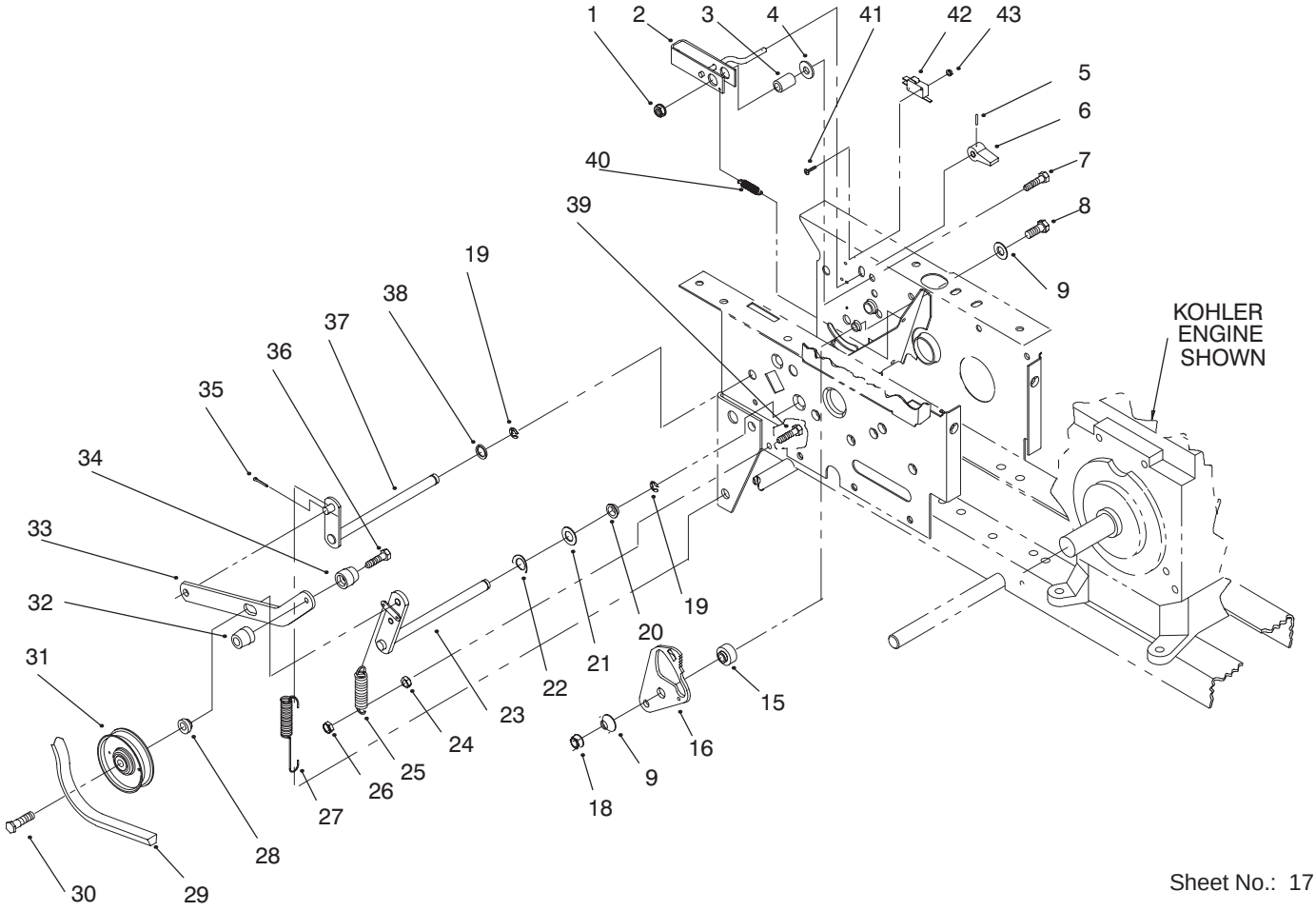


Sheet No.: 16

Hydro Controls, Brake System

Ref. No.	Part No.	Qty.	Description
1	5983	3	Bushing
2	117329	1	Rod–Control
3	94–6668	1	Knob–Control
4	933198	1	Pin–Spirol
5	116321	1	Arm–Control
6	116324	1	Rod & Balljoint ASM
7	118660	1	Guide–Control
8	32121–94	1	Pin–Spirol
9	78–5711	1	Bracket–Control
10	321–4	2	Screw–HH
11	3220–1	3	Nut–HH
12	3296–8	1	Nut–Lock
13	116407	1	Rod End
14	3217–5	1	Nut–Hex
15	113454–03	1	ASM–Cam Control
16	100304	2	Bearing
17	110189	2	Rod End ASM
18	108904	1	Rod–Control
19	3256–22	2	Washer–Flat
20	321–9	1	Screw–HH
21	9114584	1	Screw–HH
22	100656	1	Bearing–Cam Return
23	32120–47	3	Ring–Retaining
24	323–23	1	Screw–HH
25	3256–24	2	Washer–Flat
26	108496	1	Wa–Pivot

Ref. No.	Part No.	Qty.	Description
27	9266944	1	Screw–HH
28	9335044	1	Hairpin
29	103125	1	Spring–Extension
30	108680	1	Spring–Compression
31	3296–39	1	Nut–Lock
32	94–3707–01	1	Pedal–Brake
33	111383	1	Collar w/Set Screw
33:1	3245–32	1	Screw–Set
34	302–5	1	Fitting–Grease
35	1278	1	Washer–Shim
36	94–6654–03	1	Rod–Brake
37	3272–10	1	Pin–Cotter
38	101853	1	Spring–Compression
39	3296–4	1	Nut–Lock
40	9157324	2	Nut–Lock
41	115230	1	Switch–Clutch
42	9109484	2	Screw–Phcr
43	94–6683	1	Sleeve–Protective
44	3296–8	3	Nut–Lock

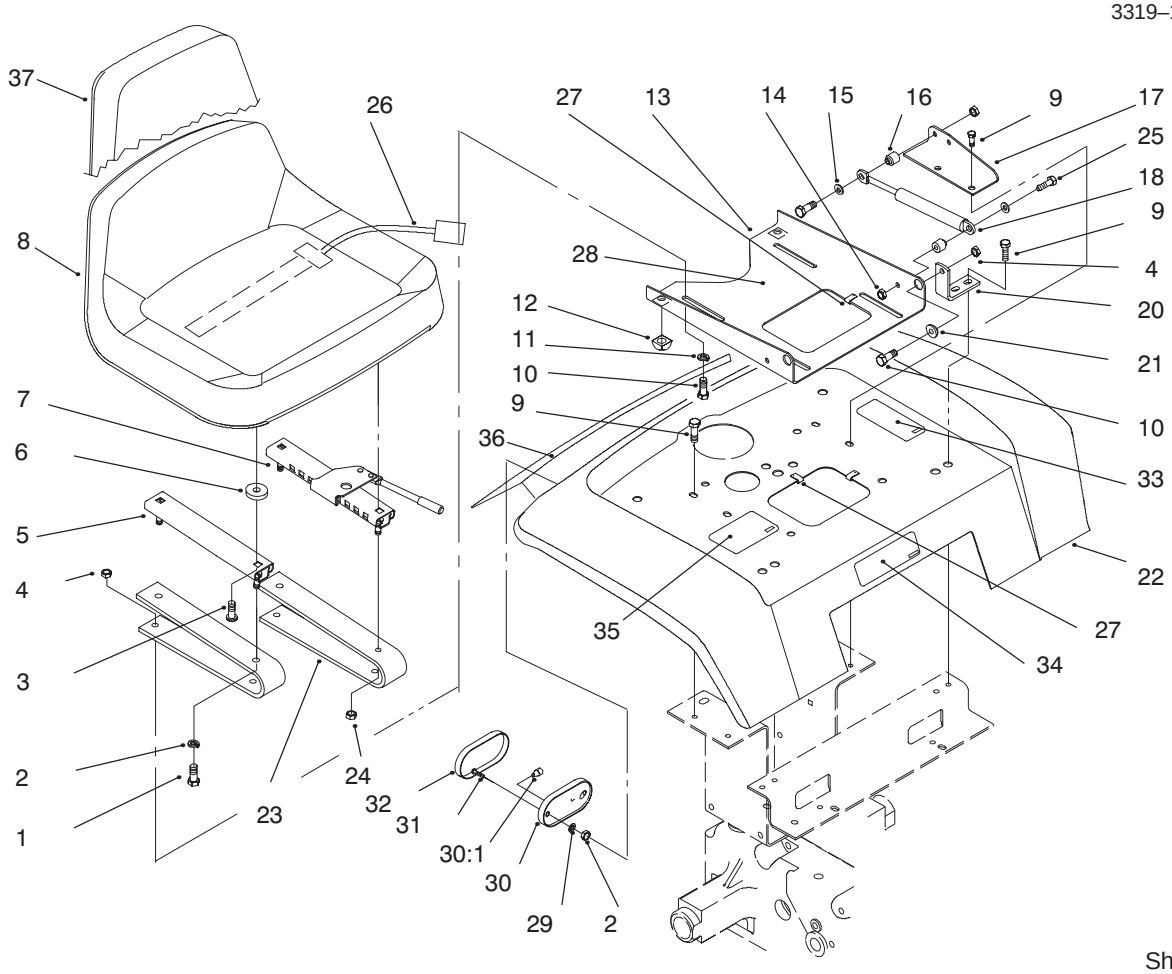


Sheet No.: 17

Hydro Drive, Parking Brake

Ref. No.	Part No.	Qty.	Description
1	32128–19	1	Nut–HF
2	78–8500–03	1	Pawl–Parking Brake
3	102025	1	Spacer
4	9202414	1	Washer–Flat
5	933135	1	Pin–Spirol
6	118860	1	Knob–Parking Brake
7	323–9	1	Screw–HH
8	323–8	1	Screw–HH
9	3256–4	2	Washer–Flat
15	94–6688	1	Spacer–Plate
16	108716	1	Plate–Neutral Cam
18	3296–39	1	Nut–Lock
19	32120–47	1	Ring–Retaining
20	7879	1	Bushing–Flanged
21	3765	1	Washer–Flat
22	114823	1	Washer–Curved Spring
23	78–6020	1	Idler Arm ASM
24	3217–5	1	Nut–Hex
25	107938	1	Spring–Extension
26	3296–42	1	Nut–Lock
29	114895	1	Belt–Hydro Drive
30	323–8	1	Screw–HH
31	112791	1	Pulley–Idler
39	321–6	1	Screw–HH
40	83–2820	1	Spring–Extension

Ref. No.	Part No.	Qty.	Description
41	9109484	2	Screw–Phcr
42	111332	1	Switch–Interlock
43	9157324	2	Nut–Lock

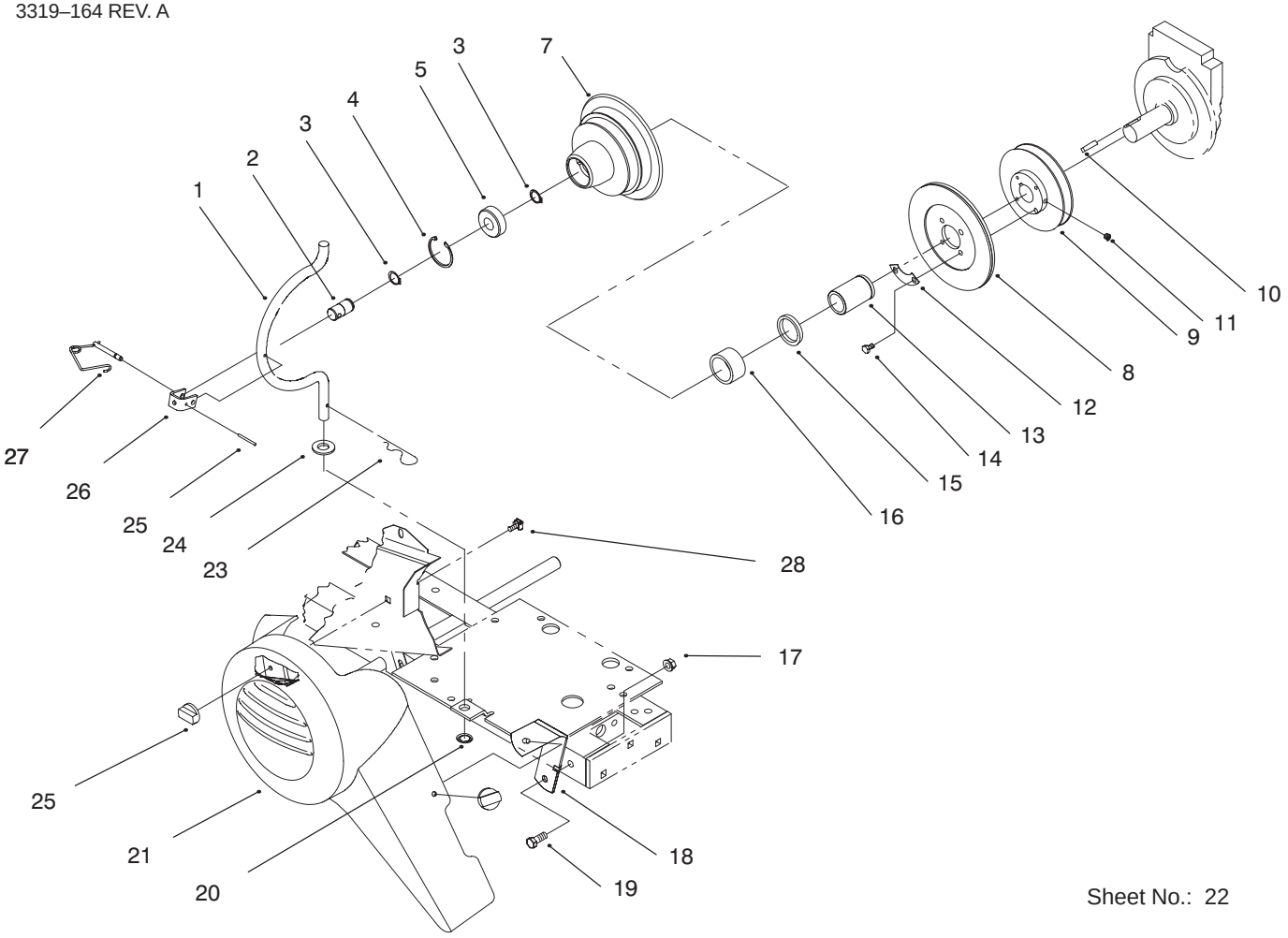


Sheet No.: 21

Fender, Seat & Tail Lights

Ref. No.	Part No.	Qty.	Description
3	910865	4	Screw
4	3296–29	6	Nut–Lock
5	114265	1	Slide–Seat
6	109989	4	Spacer
7	114264	1	Adjuster–Seat
8	94–3518	1	Seat V–811
9	9266944	10	Screw–HH
10	322–4	6	Screw–HH
11	3256–23	4	Washer–Flat
12	111071	2	Bumper–Rubber
13	78–2990–03	1	Plate–Seat Pivot
14	3296–8	2	Nut–Lock
15	3256–22	2	Washer–Flat
16	114344	2	Spacer
17	114345–01	1	Bracket–Gas Spring
18	114343	1	Spring–Gas
20	105524	2	Bracket–Pivot
21	105503	2	Bushing
22	94–3722–01	1	Fender
23	114263–03	2	Spring–Seat
24	3296–29	4	Nut–Lock
25	321–8	2	Screw–HH
26	38–1420	1	Switch–Seat
27	3023	2	Clip
28	3296–27	4	Nut–Lock
29	3254–1	4	Washer–Lock

Ref. No.	Part No.	Qty.	Description
30	105202	2	Base–Light
30:1	109045	2	Lamp–Wedge
31	3250–31	4	Screw–Phcr
32	112564	2	Lens–Light
34	76–1340	1	Decal–USA
36	92–9827	1	Decal–Fender

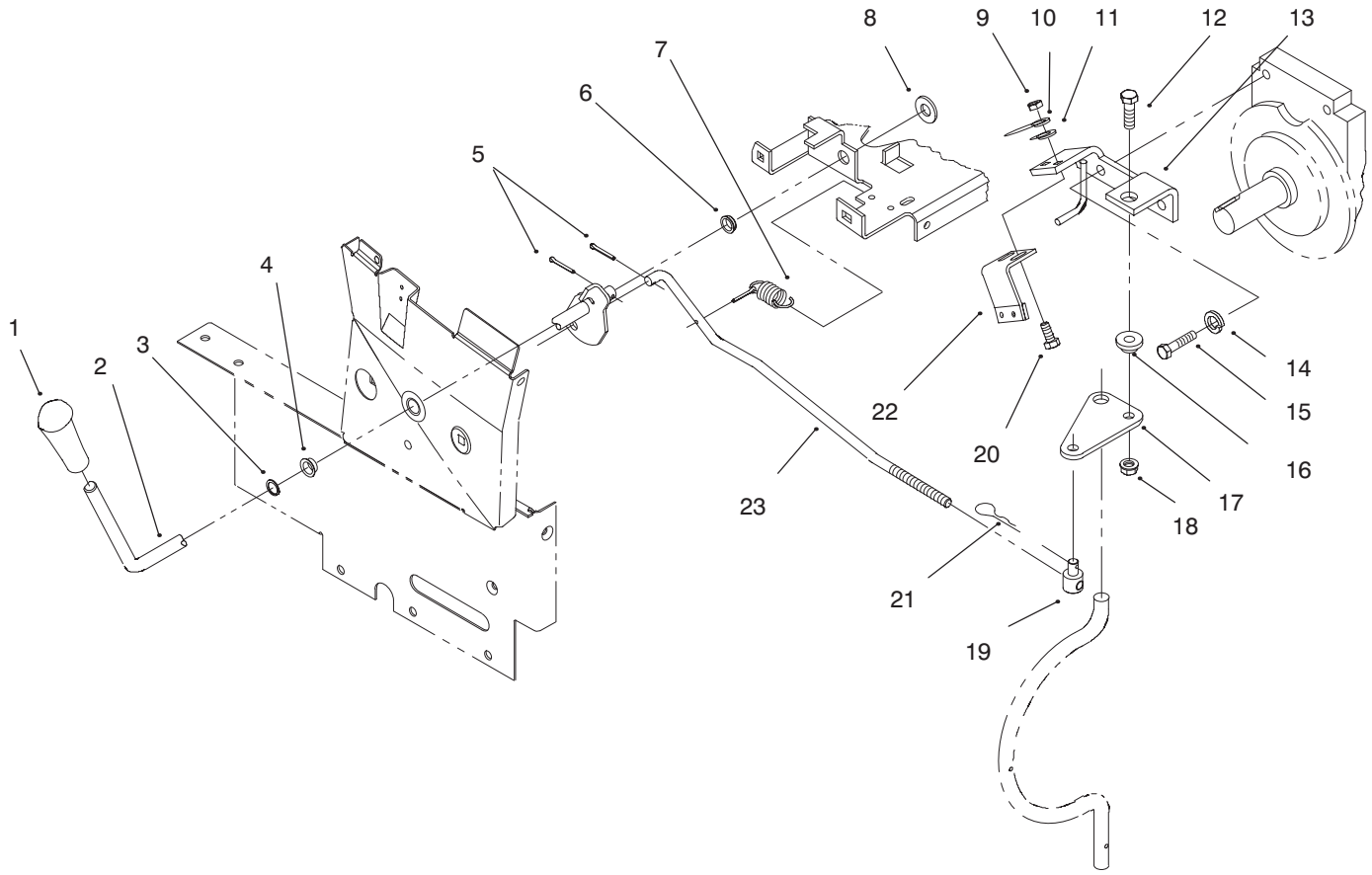


Sheet No.: 22

PTO Clutch And Cover

Ref. No.	Part No.	Qty.	Description
1	113108	1	Rod–Housing
2	102872	1	Shaft–PTO
3	32120–72	2	Ring–Retaining
4	32120–62	1	Ring–Retaining
5	109842	1	Bearing–Ball
7	103478–01	1	Housing–Clutch
8	94–6650	1	Plate–Clutch
9	7443	1	Pulley–Engine
10	105453	1	Ket
11	3246–2	2	Screw–HSH
12	6659	2	Retainer–Plate
13	6658	1	Race–Bearing
14	9080026	4	Screw–HH
15	6663	1	Seal–Oil
16	6662	1	Bearing–Needle
17	32128–40	1	Nut–HFW
18	94–3726–03	1	Bracket–Cover
19	323–6	1	Screw–HH
20	106695	1	Ring–Retaining
21	94–3704	1	Cover–PTO/Belt
22	94–3735	2	Nut–Wing
23	9335064	1	Hairpin
24	3256–27	1	Washer–Flat
25	933274	1	Pin–Spirol
26	113107	1	Clevis
27	111314	1	Lock Pin ASM

Ref. No.	Part No.	Qty.	Description

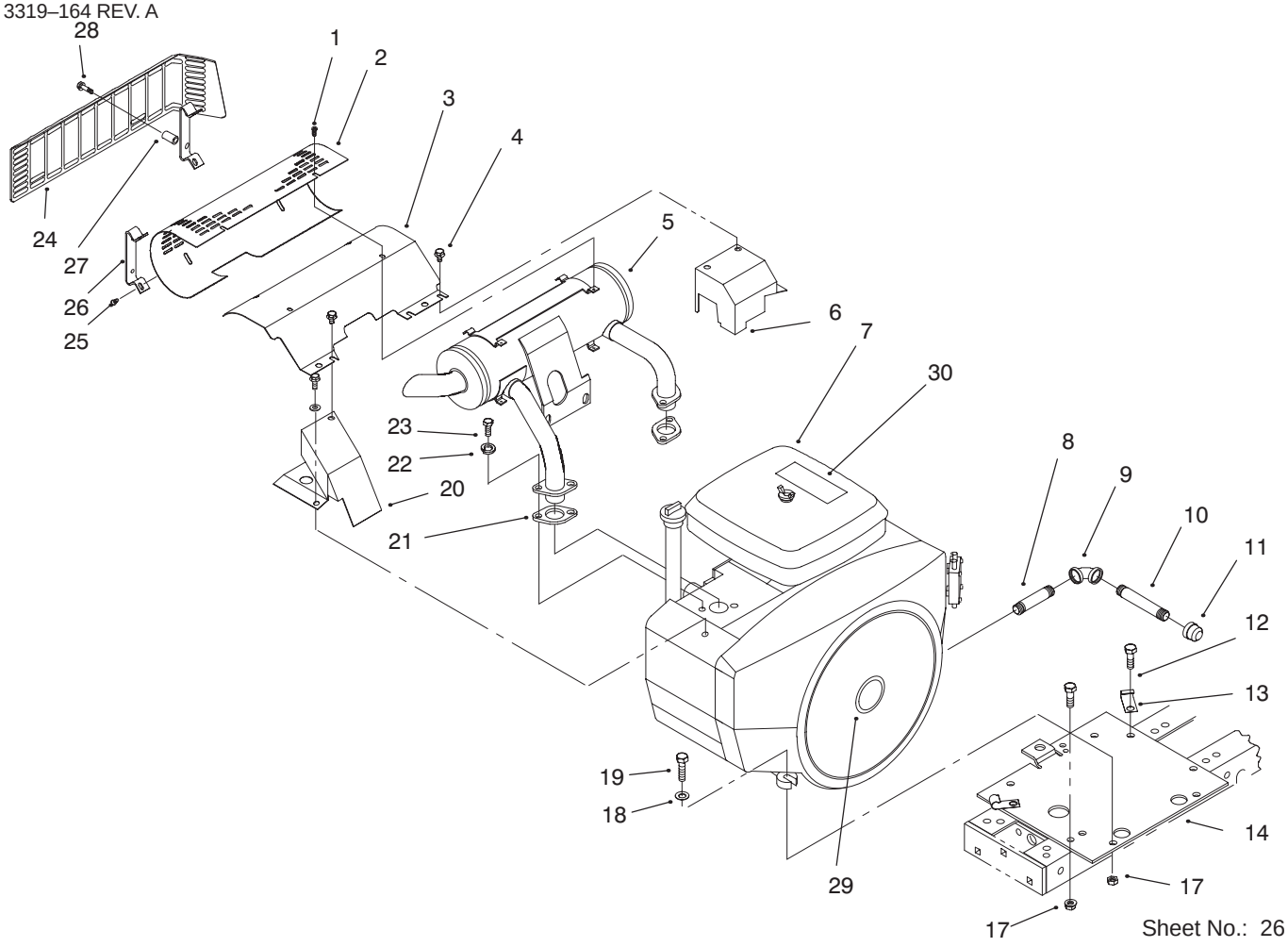


Sheet No.: 24

PTO Clutch System

Ref. No.	Part No.	Qty.	Description
1	94–3727	1	Knob–PTO
2	94–3701	1	Rod–PTO Control
3	32151–11	1	Ring–Grip
4	5666	2	Bushing–Flanged
5	3272–10	3	Pin–Cotter
7	103125	1	Spring–Extension
8	3765	1	Washer–Flat
9	3218–1	2	Nut–Hex Jam
10	3253–3	2	Washer–Lock
11	3256–22	2	Washer–Flat
12	323–6	1	Screw–HH
13	113874–03	1	Bracket–PTO
14	3253–21	2	Washer–Lock
15	323–6	2	Screw–HH
16	104859	1	Spacer–Flanged
17	110669	1	Plate–PTO
18	3296–59	1	Nut–Lock
19	110656	1	Trunnion
20	3229–25	2	Screw–CARR
21	9335054	1	Hairpin
22	94–6652	1	Brake ASM
23	111052	1	Rod–Clutch

Ref. No.	Part No.	Qty.	Description

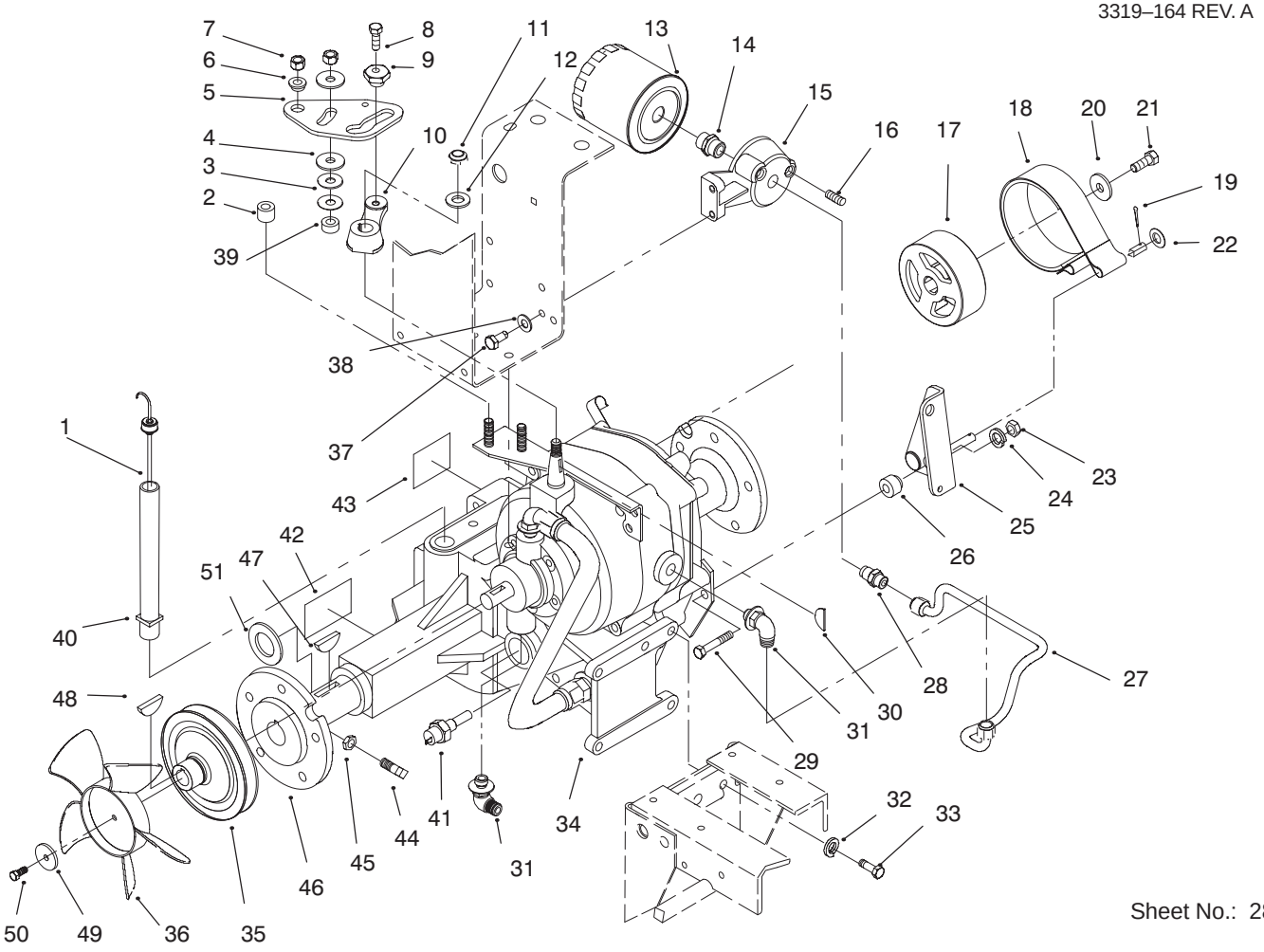


Sheet No.: 26

Engine Assembly

Ref. No.	Part No.	Qty.	Description
1	114888	6	Screw
2	94–6664	1	Shield–Heat
3	94–1803–03	1	Baffle–Deflector
4	49–2040	3	Screw–HH
5	116471	1	Muffler
6	114216–03	1	Cover–Exhaust Rear
7	95–7691	1	Engine–Onan P220G I 10955 H
*	94–1811	1	Engine–Onan P220G I 10955 G
8	114636	1	Nipple
9	114764	1	Elbow–90°
10	114763	1	Nipple
11	288–4	1	Cap–Pipe
12	323–6	4	Screw–HH
13	8830	2	Retainer–"J"
14	116609–03	1	Plate–Engine
17	3296–39	8	Nut–Lock
18	3256–24	4	Washer–Flat
19	323–8	4	Screw–HH
20	114215–03	1	Cover–Exhaust Front
21	57–9210	2	Gasket–Manifold
22	3253–4	4	Washer–Lock
23	322–3	4	Screw–HH
29	118530	1	Name Plate–Toro Logo

Ref. No.	Part No.	Qty.	Description
30	118560	1	Decal–Power Plus 20
31	3255–9	6	Washer–Lock

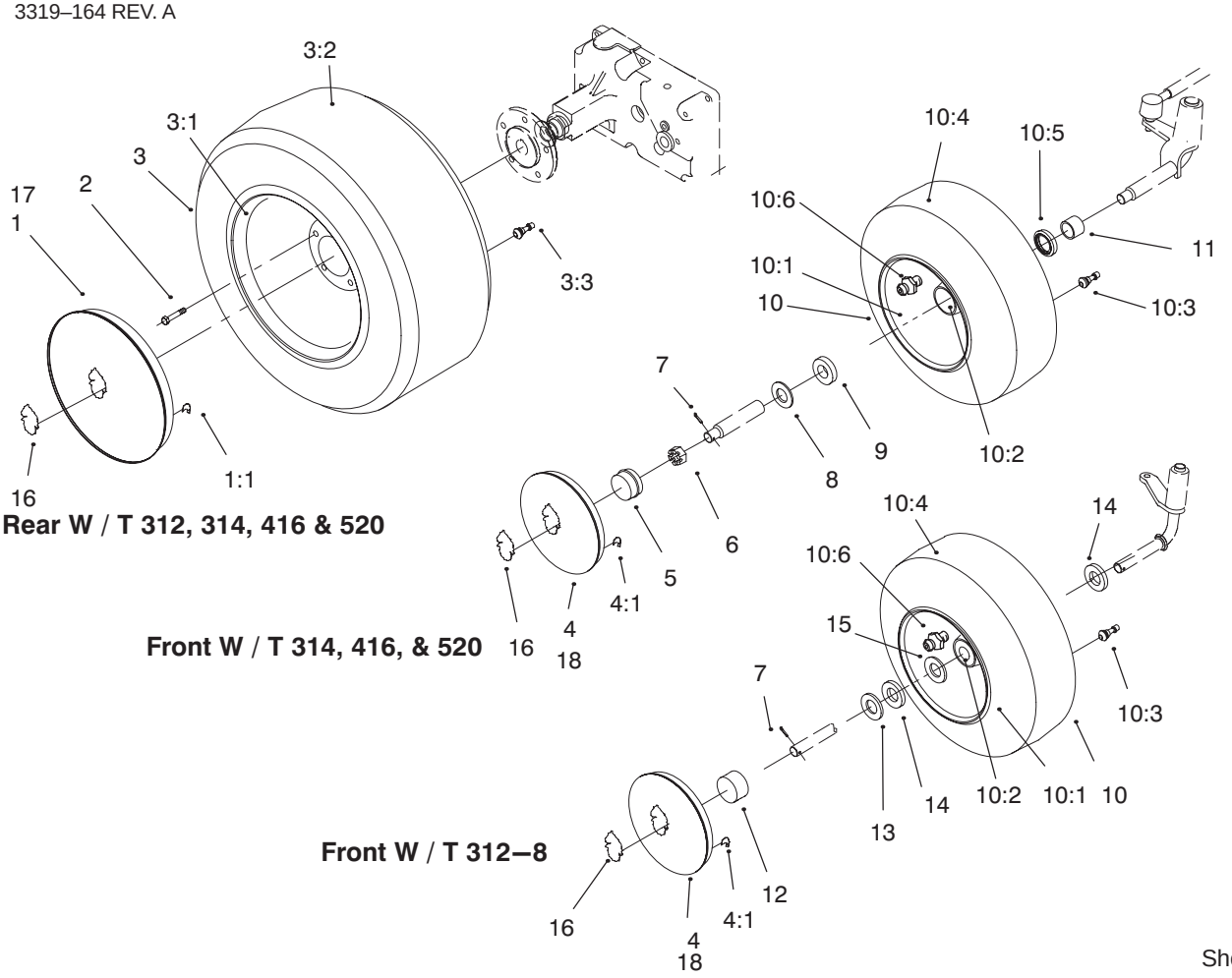


Sheet No.: 28

Transmission Control & Filter Assembly

Ref. No.	Part No.	Qty.	Description
1	110768–03	1	Dipstick
2	108326	1	Spacer–Pivot
3	100365	2	Washer–Spring Disc
4	100305	2	Washer–Friction
5	108333	1	Plate–Cam
6	100309	1	Bushing–Cam Pivot
7	108881	2	Nut–Hex
8	9080196	1	Screw–HH
9	106661	1	Cam
10	108325–03	1	Arm–Speed Control
11	3296–45	1	Nut
12	3256–26	1	Washer–Flat
13	79–5270	1	Filter–Oil
14	5991	1	Fitting–Filter
15	108323	1	Base–Filter
17	106719	1	Drum–Brake
18	109371	1	Brake Band
19	3272–6	2	Pin–Cotter
20	2844	1	Washer–Flat
21	3235–22	1	Screw–HH
22	3256–24	2	Washer–Flat
23	3296–39	1	Nut–Lock
24	3256–4	1	Washer–Flat
25	78–7740–03	1	Pivot Arm–Brake
26	109356	1	Bushing–Pivot
27	79–5020	1	Tube–Filter To Pump

Ref. No.	Part No.	Qty.	Description
28	102628	1	Fitting–Tube
29	323–9	1	Screw–HH
30	3257–24	1	Key–Woodruff
31	108365	2	Fitting–Tube
32	3253–21	4	Washer–Lock
33	323–7	4	Screw–HH
34	94–6678	1	Transaxle Decal (Service)
35	108316	1	Pulley–Hydro
36	108393	1	Fan–Hydro
37	322–3	2	Screw–HH
38	3253–4	2	Washer–Lock
39	108327	1	Spacer–Pivot
40	106448	1	Nipple–Trans Filler
41	113193	1	Sensor–Hydro Oil Temp
42	88–2790	1	Decal–Danger
43	94–1834	1	Decal–Unidrive
44	3243–5	4	Screw–Set
45	3218–3	4	Nut–HJ
46	105763–03	2	Hub–Wheel
47	937108	2	Key–Woodruff
48	937089	2	Key–Woodruff
49	103995	1	Washer
50	9080026	1	Screw–HH
51	106826	2	Washer–Thrust



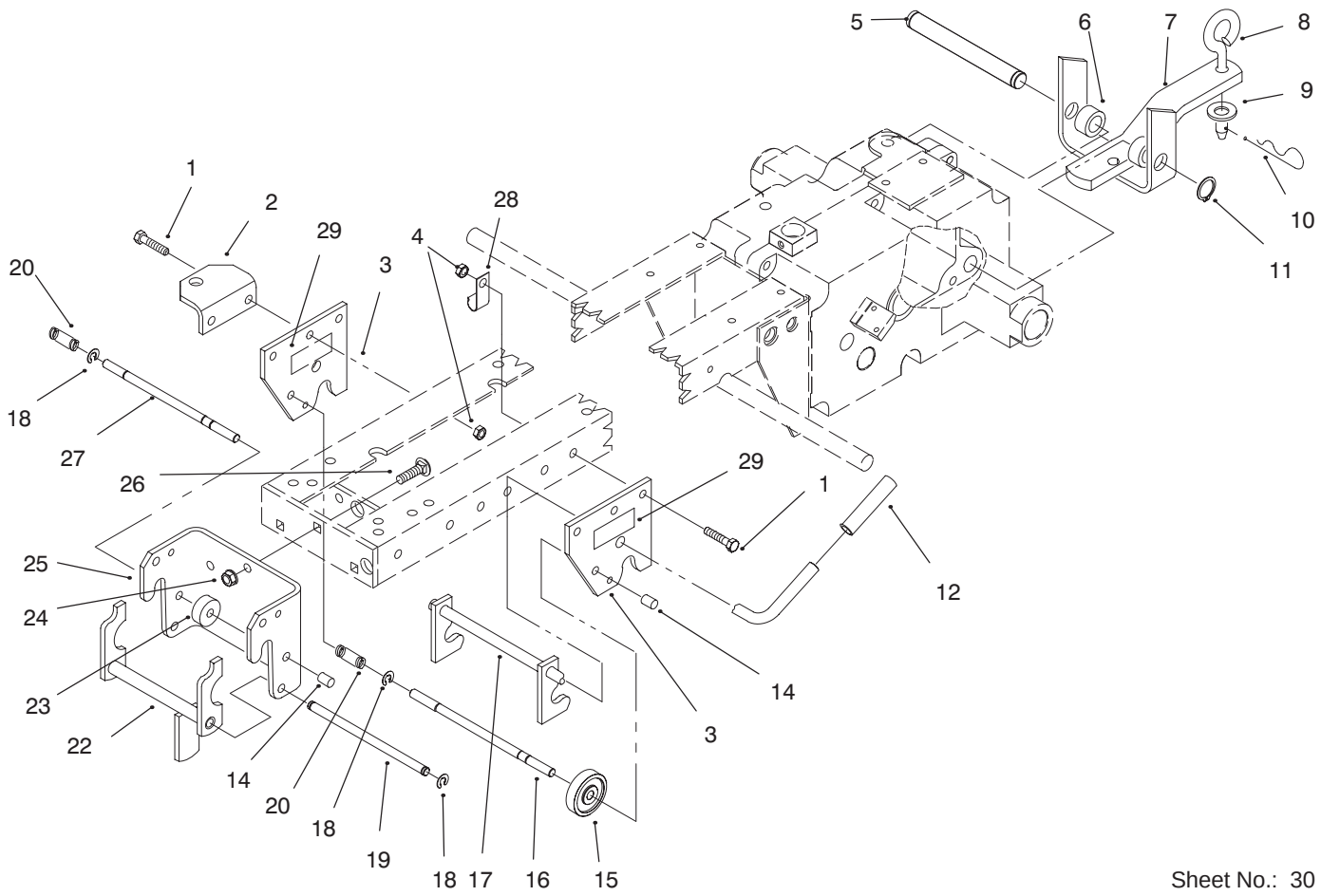
Sheet No.: 29

Wheel Assemblies

Ref. No.	Part No.	Qty.	Description
1	94–3731	2	Hubcap–12”
1:1	94–9729	8	Clip–Hubcap
2	83–2720	10	Bolt–Lug
3		2	ASM–Wheel & Tire
3:1	110680	2	Wheel
3:2	116971	2	Tire
3:3	5108	2	Valve–Tire Tubeless
4	94–3730	2	Hubcap–8”
4:1	94–9729	6	Clip–Hubcap
5	112825	2	Cap–Dust
6	32136–5	2	Nut–Hex Slot
7	3272–12	2	Pin–Cotter
8	9202254	2	Washer–Flat
9	254–94	2	Cone–Bearing
10	93–9806	2	ASM–Wheel & Tire
10:1	116867	2	Tire–16 X 7.5–8
10:3	112821	4	Cup–Bearing
10:3	254–94	2	Cone–Bearing
10:4	117288	2	ASM–Wheel w/Zerk
10:4	93–9807	2	Seal–Oil
10:5	5108	2	Valve–Tire Tubeless
11	112824	2	Spacer
16	94–3736	4	Plate–Logo
17	94–3718	2	Hubcap ASM
17:1	94–3731	2	Hubcap–12”
17:2	94–3736	2	Plate–Logo

Ref. No.	Part No.	Qty.	Description
18	94–3717	2	Hubcap ASM
18:1	94–3730	2	Hubcap–8”
18:2	94–3736	2	Plate–Logo
*	100079	A/R	Tube–Front (312)
*	7007	A/R	Tube–Rear (ALL)
*	105293	A/R	Tube–Front (314 / 416)
*	112819	A/R	Tube–Front (520)

* Optional equipment

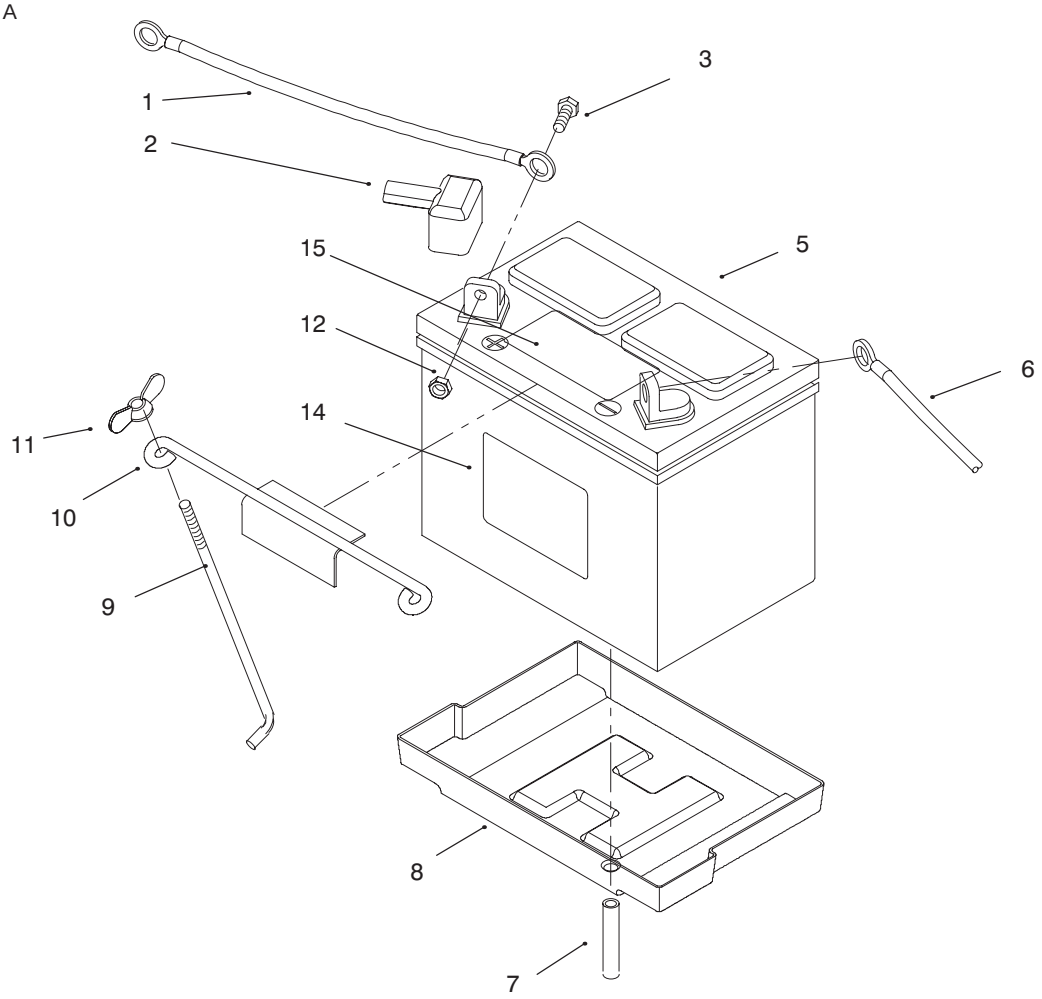


Sheet No.: 30

Hitch Assembly

Ref. No.	Part No.	Qty.	Description
1	323–44	6	Screw–HH
3	102644–01	2	Plate–Hitch
4	108881	6	Nut–Hex
5	105269	1	Pin–Hitch
6	9791204	2	Spacer
7	1644–01	1	Hitch ASM
8	106634	1	Pin–Attachment
9	3256–26	1	Washer–Flat
10	9335054	1	Hairpin
11	5618	2	Ring–Retaining
12	9038	1	Grip
14	105316	2	Cap–Rod
15	101017	1	Lock–Hitch
16	83–6520	1	Rod–Lock
17	117930	1	Latch ASM–Mid
18	105797	8	Ring–Retaining
19	101750	1	Rod–Pivot
20	8616	2	Spring–Compression
22	93–1613	1	Latch–Front
23	101707	1	Lock–Attachment
24	3296–39	3	Nut–Lock
25	101711–01	1	Plate–Hitch
26	3231–25	3	Screw–CARR
27	101751	1	Rod–Lock
28	8830	1	Retainer–”J”
29	92–8747	2	Decal–Attach A Matic

Ref. No.	Part No.	Qty.	Description

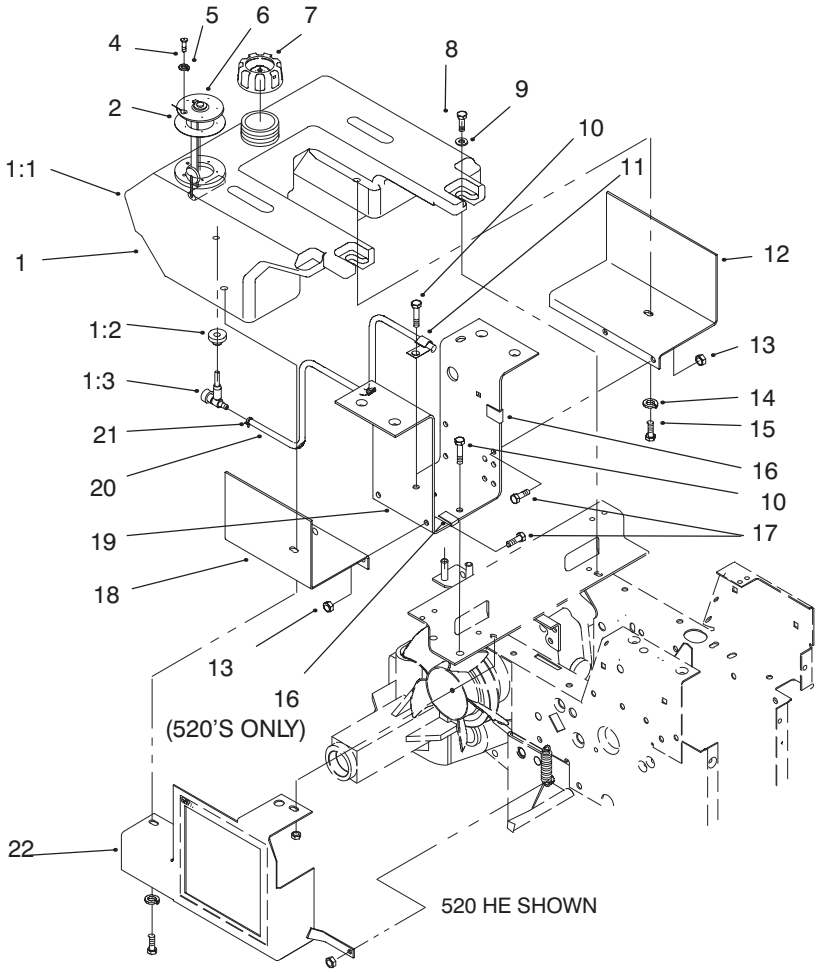


Sheet No.: 31

Battery Assembly

Ref. No.	Part No.	Qty.	Description
1	113925	1	Cable–40” Lg
2	28–8080	1	Boot–Terminal
3	321–4	2	Screw–HH
4	9108074	5	Screw
5	115877	1	Battery
6	114210	1	Cable–24” Lg
7	114720	1	Tube–Battery Drain
8	106948	1	Tray–Battery
9	113969	2	Hook–Retainer
10	113010	1	Hold Down
11	32103–22	2	Nut–Wing
12	3296–42	2	Nut–Lock

Ref. No.	Part No.	Qty.	Description

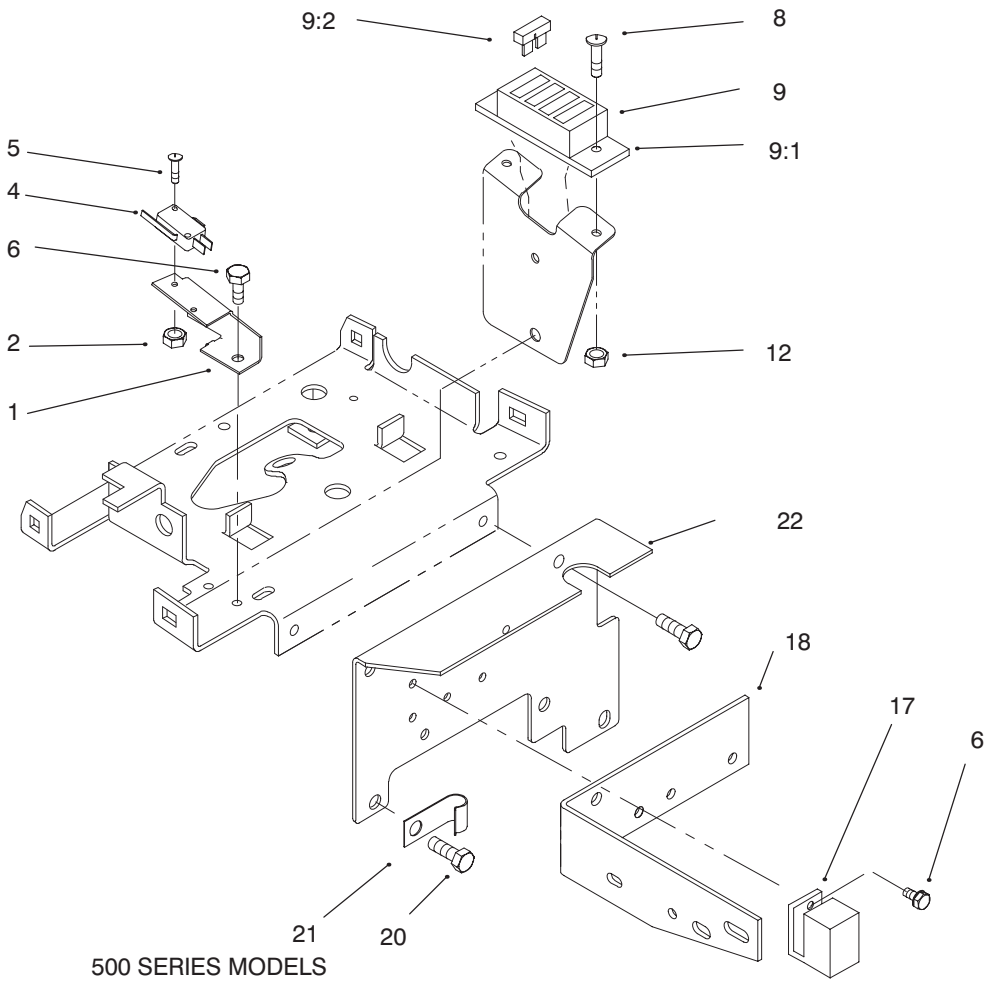


Sheet No.: 32

Fuel Tank & Hydro Fan Control Assembly 500

Ref. No.	Part No.	Qty.	Description
2	113372	1	Gasket–Fuel Sender
4	9108074	5	Screw
5	3253–17	5	Washer–Lock
6	113358	1	Sender–Fuel Level
7	55–3570	1	Cap–Fuel
8	9266974	2	Screw–HH
9	3256–4	2	Washer–Flat
10	3235–22	2	Screw–HH
11	8830	1	Retainer–"J"
12	94–6693–03	1	Bracket–Support
13	3296–29	4	Nut–Lock
14	3253–4	2	Washer–Lock
15	322–2	2	Screw–HH
16	519337	2	Clip
17	322–3	4	Screw–HH
18	94–6692–03	1	Bracket–Support
19	79–4990–03	1	Bracket–Support
20	92–9513	1	Line–Fuel 47"
21	2412–98	2	Clamp–Hose

Ref. No.	Part No.	Qty.	Description



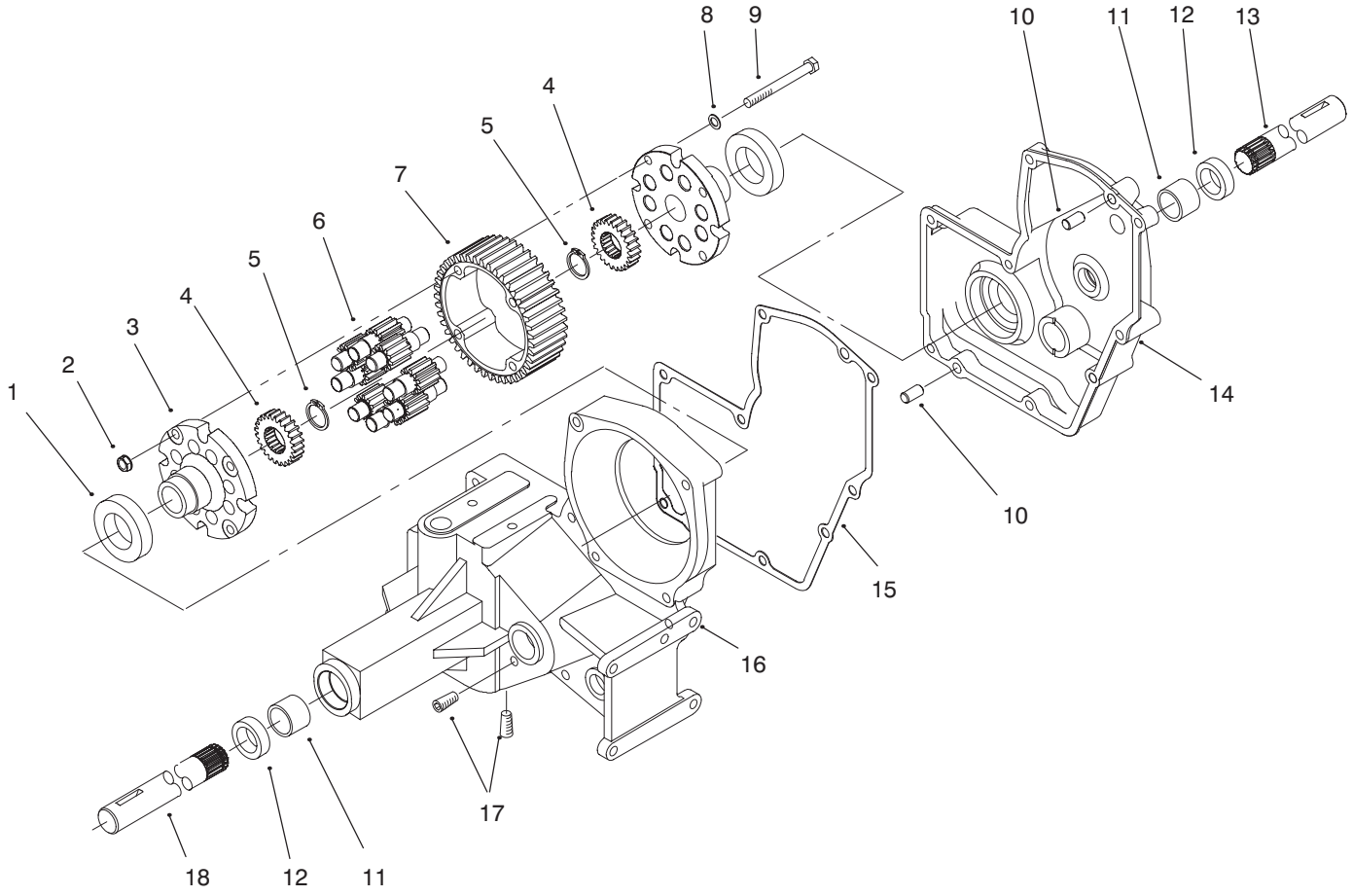
500 SERIES MODELS

Sheet No.: 33

Hoodstand Electrical Housing & Wire Harness

Ref. No.	Part No.	Qty.	Description
1	9157324	2	Nut–Lock
2	115411	1	Bracket–Switch
4	111332	1	Switch–Interlock
5	9104784	2	Screw
6	9266714	4	Screw–HWHTF
8	9107944	2	Screw–Phcr
9	79–3630	1	Wire Harness
9:1	120930	1	Fuse Holder
9:2	109102	1	Fuse–25 Amp
9:2	109355	1	Fuse–15 Amp
9:2	Nn10277	1	Fuse–30 Amp
12	9157404	2	Nut
17	116397	3	Relay
18	109554–03	1	Bracket–Guard
20	9266944	4	Screw–HH
21	8830	1	Retainer–”J”
22	79–4020–03	1	Plate–Front

Ref. No.	Part No.	Qty.	Description

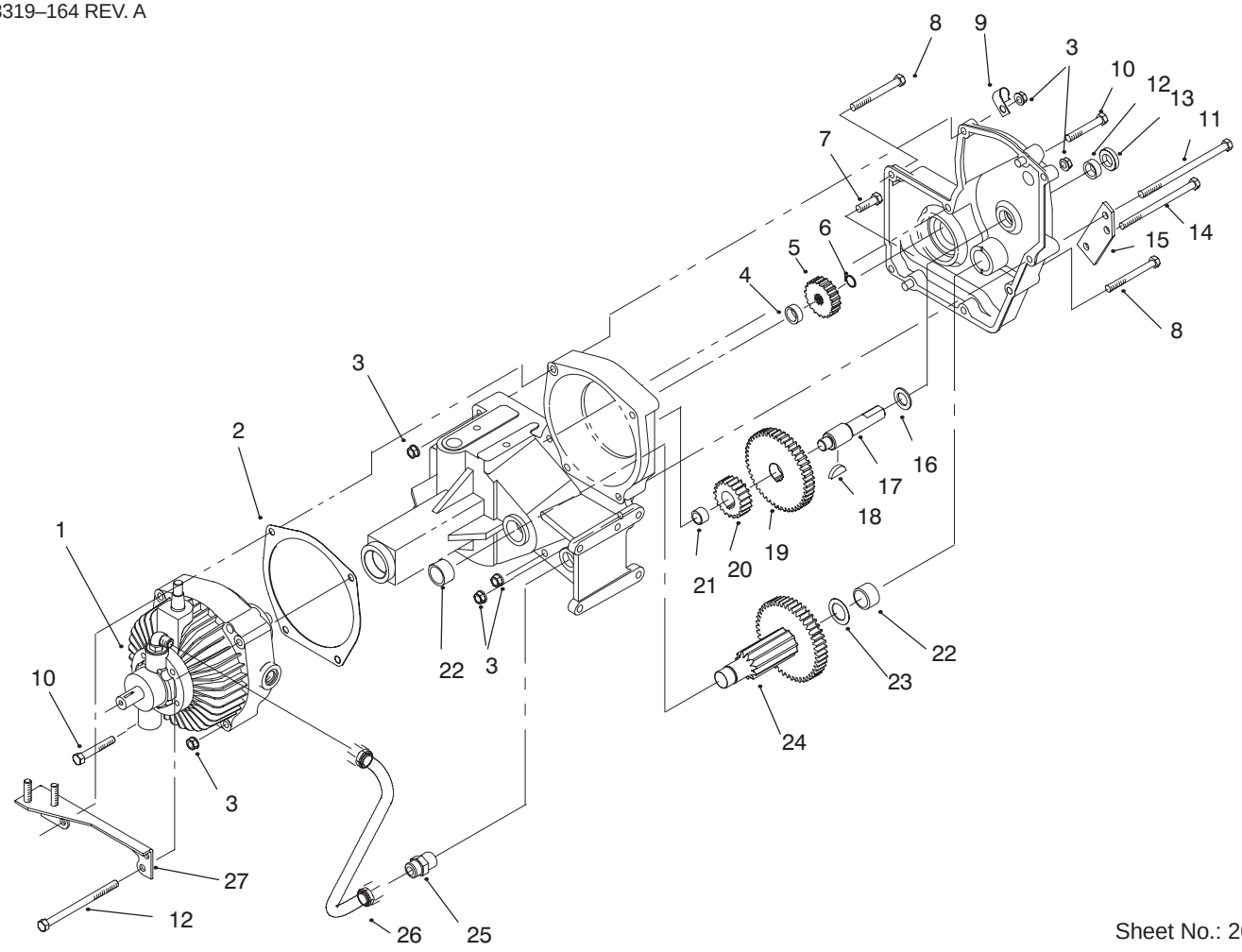


Sheet No.: 201

Hydrostatic Transmission

Ref. No.	Part No.	Qty.	Description
1	111199	2	Bearing–Ball
2	108881	4	Nut–Hex
3	111196	2	Cap–End
4	101889	2	Gear–Axle
5	105876	2	Ring–Retaining
6	101623	8	Gear–Pinion
7	105061	1	Gear–Differential
8	107374	4	Washer–Flat
9	911423	4	Screw–HH
10	108363	2	Pin–Locating
11	9416	2	Bearing–Needle
12	6449	2	Seal–Oil
13	108361	1	Axle–Rear
14	111201–01	1	Case–Transaxle
15	108312	1	Gasket–Transaxle
16	113927–01	1	Case–Transaxle
16	92–7298	1	Casehalf Decal ASM
16:1	113927–01	1	Case–Transaxle
16:2	88–2790	1	Decal–Danger
17	281–10	2	Plug–Pipe
18	108362	1	Axle–Rear

Ref. No.	Part No.	Qty.	Description



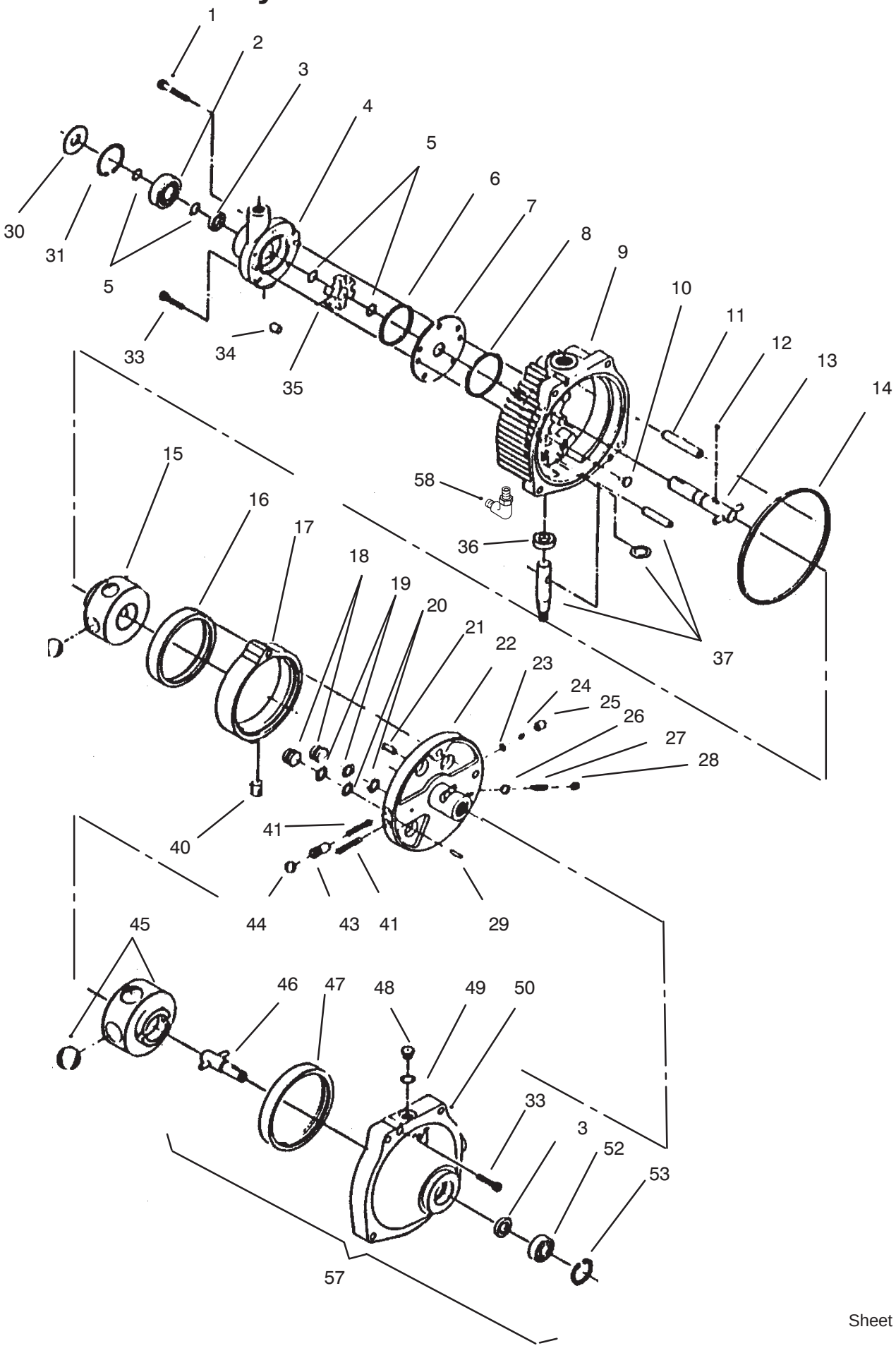
Sheet No.: 202

Hydrostatic Transmission (Continued)

Ref. No.	Part No.	Qty.	Description
1	92–9848	1	Trans–Hydro (Service)
2	108319	1	Gasket–Transmission
3	3296–39	6	Nut–Lock
4	108366	1	Spacer–Gear
5	109751	1	Gear–20t
6	32120–64	1	Ring–Retaining
7	9080356	1	Screw–HH
8	323–15	2	Screw–HH
9	8830	1	Retainer–”J”
10	9080406	2	Screw–HH
11	323–26	1	Screw–HH
12	1538	1	Bearing–Needle
13	108357	1	Seal–Oil
14	323–25	3	Screw–HH
15	109367–03	1	Bracket–Brake
16	7956	1	Washer–Thrust
17	109370	1	Shaft–Brake
18	937099	1	Key–Woodruff
19	109752	1	Gear–46t
20	109742	1	Gear–20t
21	1518	1	Bearing–Needle
22	1532	2	Bearing–Needle
23	9547	1	Washer–Thrust
24	109703	1	ASM–Gear
25	108364	1	Fitting–Hyd

Ref. No.	Part No.	Qty.	Description
26	111217	1	Tube–Suction
27	108329–03	1	Plate–Control

Eaton Hydrostatic Transmission #1100–062



Eaton Hydrostatic Transmission #110–062

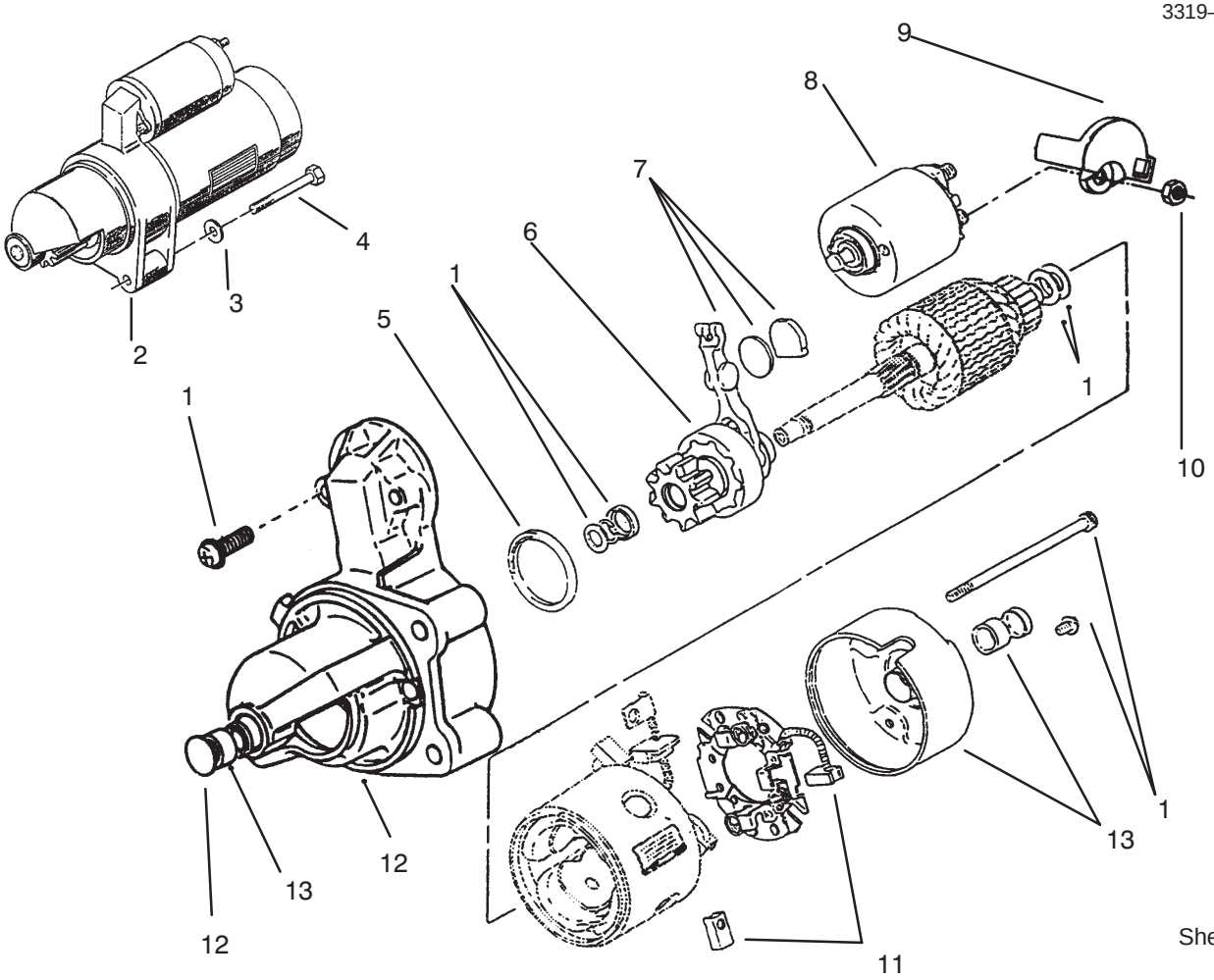
Ref. No.	Part No.	Qty.	Description
1	56–2800	1	Screw–HH Socket
2	56–2810	1	Bearing–Ball
3	56–2820	2	Seal–Oil
4	112637	1	ASM–Pump
5	56–3090	4	Ring–Retaining
6	56–2850	1	Ring–Seal
7	56–2860	1	Plate–Pump
8	56–2870	1	Ring–Seal
9	112641	1	ASM–Cover
10	56–2880	2	Button
11	56–2890	1	Pin–Dowel
12	56–2900	1	Pin–Drive
13	56–2910	1	Shaft–Input
14	56–2920	1	Ring–Seal
15	56–2930	1	Rotor/Ball–Pump
16	113136	1	Race–Pump
17	93–9810	1	Ring–Cam
18	56–2950	2	Piston
19	56–2960	2	Ring–Backup
20	56–2970	2	O–Ring
21	56–2980	1	Pin–Coil
22	56–2990	1	ASM–Pintle
23	56–3000	2	Ring–Retaining
24	56–3010	2	Ball–.313 Dia
25	56–3020	2	Body–Valve
26	56–3030	1	Ball–.438 Dia
27	56–3040	1	Spring–Valve
28	56–3050	1	Plug–Valve
29	56–3060	1	Pin–Dowel
30	112652	1	Shield–Grass
31	112653	1	Ring–Retaining
33	56–3100	6	Screw–Socket Hd
34	56–3110	6	Roller
35	56–3120	1	Carrier
36	56–3130	1	Seal–Oil
37	56–3140	1	Kit–Shaft
40	56–3170	1	Insert–Ring
41	56–3180	1	Spring–Valve
43	56–3200	2	Body–Valve
44	56–3210	2	Ball–.625 Dia
45	56–3220	1	Rotor/Ball–Motor
46	56–3230	1	Shaft–Output
47	56–3240	1	Race–Motor
48	56–3250	1	ASM–Plug
49	56–3260	1	O–Ring
50	93–9811	1	Body
52	56–3280	1	Bearing–Ball
53	56–3290	1	Ring–Retaining
*55	56–3310	1	Kit–Seal Incl.3 6 14 12 19 20 49
56	56–2940	1	ASM–Ring
57	93–9812	1	ASM–Body
58	93–9813	1	Fitting–Hydraulic

Ref. No.	Part No.	Qty.	Description

* Not Illustrated

Part Identified in illustration but not in part list are not used on this model

3319–164 REV. A



Sheet No.: 401
C–1671

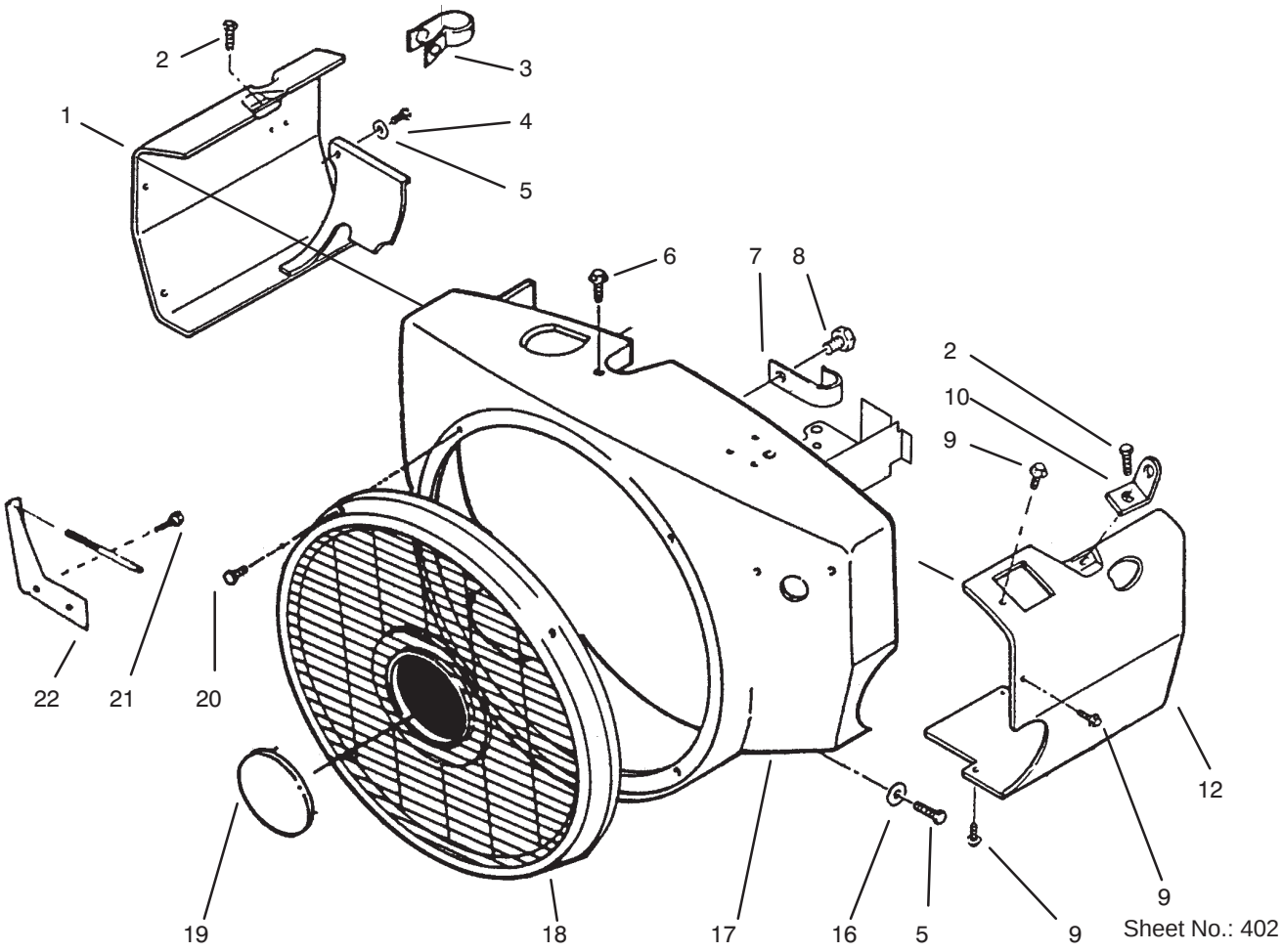
Starter

Ref. No.	Part No.	Qty.	Description
1	62–2760	1	Kit–Starter Hardware
2	71–6040	1	Starter Incl 1–13
3	57–9770	2	Washer–Flat
4	79–6580	2	Screw
5	72–3950	1	Seal–Dust
6	72–3940	1	Clutch–Starter
7	62–2770	1	Kit–Starter Shift Lever
8	72–3930	1	Kit–Starter Solenoid
9	NN10930	1	Cap–Starter Solenoid
10	92–5935	1	Nut
11	62–2740	1	Starter Brush Kit
12	NN10929	1	Kit–Mounting Bracket
13	62–2730	1	Kit–Bushing

Ref. No.	Part No.	Qty.	Description

Part Identified in illustration but not in part list are not used on this model

3319–164 REV. A



Sheet No.: 402

Engine Housing

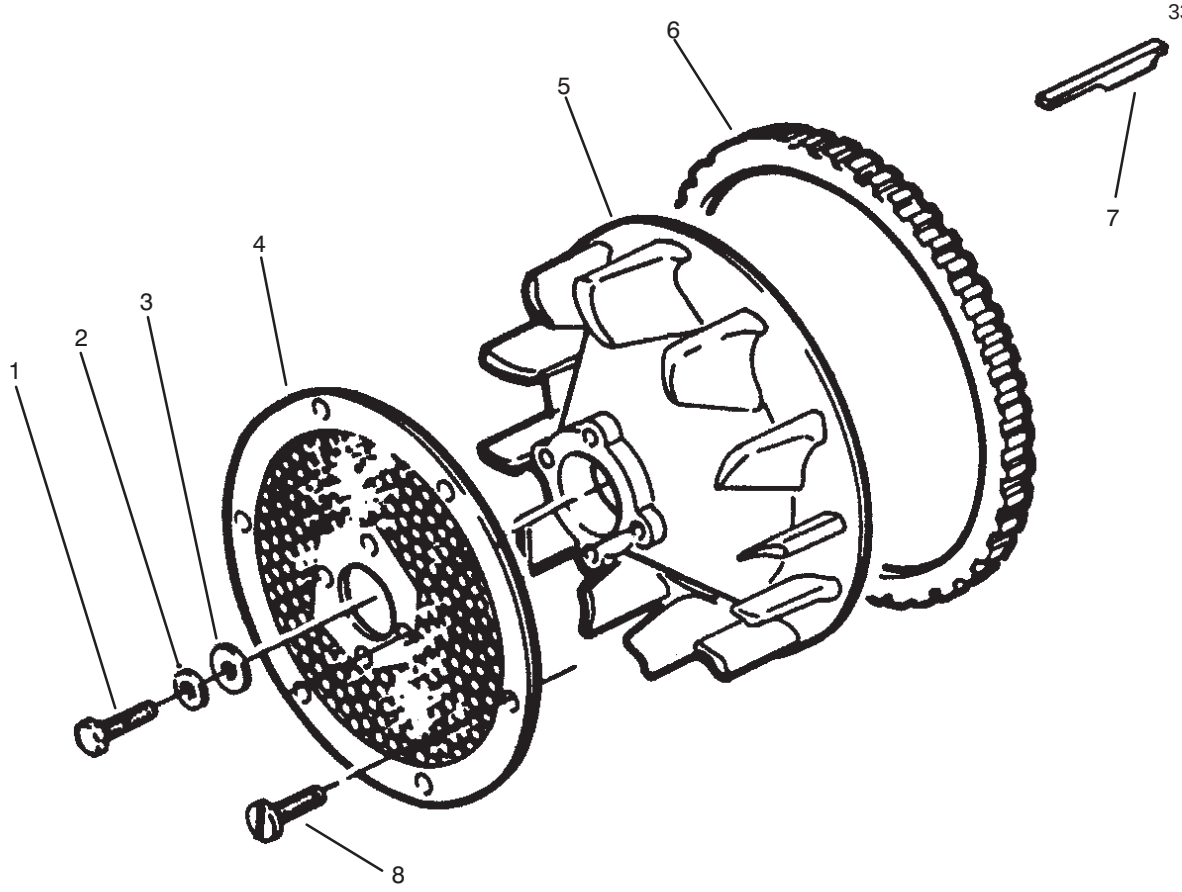
Ref. No.	Part No.	Qty.	Description
1	92–0920	1	Housing–Cylinder Air LH
2	82–1600	2	Screw–HF
3	59–0580	1	Clamp–Wire
4	59–0980	2	Screw–HHST
5	59–0830	6	Washer–Flat
6	59–0970	2	Screw–HHST
7	71–6220	1	Clip–Wire
8	82–1540	1	Bolt–HH
9	59–1080	4	Screw–HF
10	98–1701	2	Bracket–Lift
12	92–0921	1	Housing–Cylinder Air RH
16	59–0820	4	Washer–Flat
17	98–1702	1	Housing–Blower P220G I 10955 H
*	NN10769	1	Housing–Blower P220G I 10955 G
18	82–0620	1	Guard–Stationary
20	82–1590	4	Screw–PH Torx
21	59–1100	2	Screw–HH
22	NN10832	1	Bracket–Governor Adjust

Ref. No.	Part No.	Qty.	Description

* Not Illustrated

Part Identified in illustration but not in part list are not used on this model

3319–164 REV. A



Sheet No.: 403

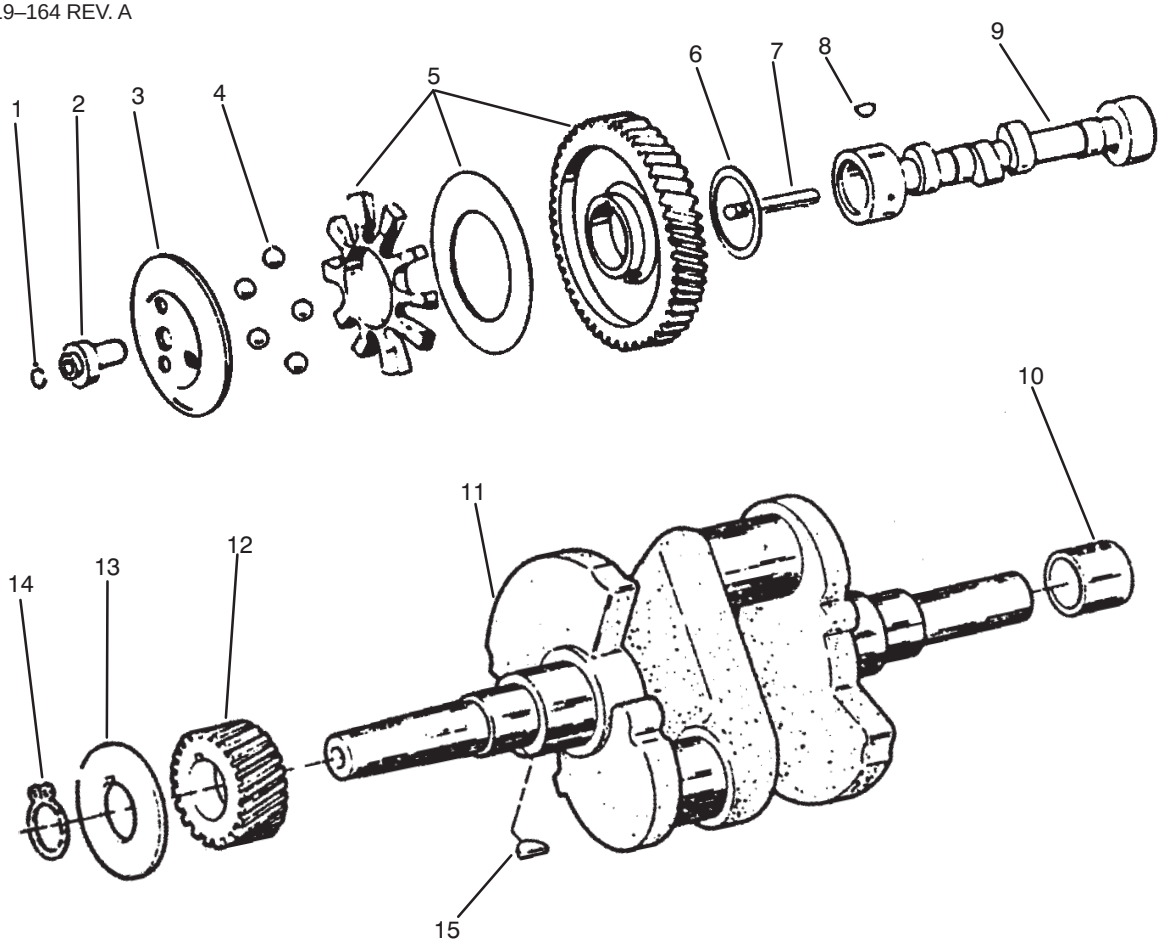
Flywheel

Ref. No.	Part No.	Qty.	Description
1	57–8150	1	Screw–HH
2	82–1320	1	Washer–Flat
3	59–0810	1	Washer–Flat
4	79–6440	1	Screen–Air Inlet
5	71–5920	1	Flywheel Incl 6
6	57–8180	1	Gear–Ring
7	71–6190	1	Key–Flywheel
8	71–6340	6	Screw

Ref. No.	Part No.	Qty.	Description

Part Identified in illustration but not in part list are not used on this model

3319–164 REV. A



Sheet No.: 404

T–xxxx

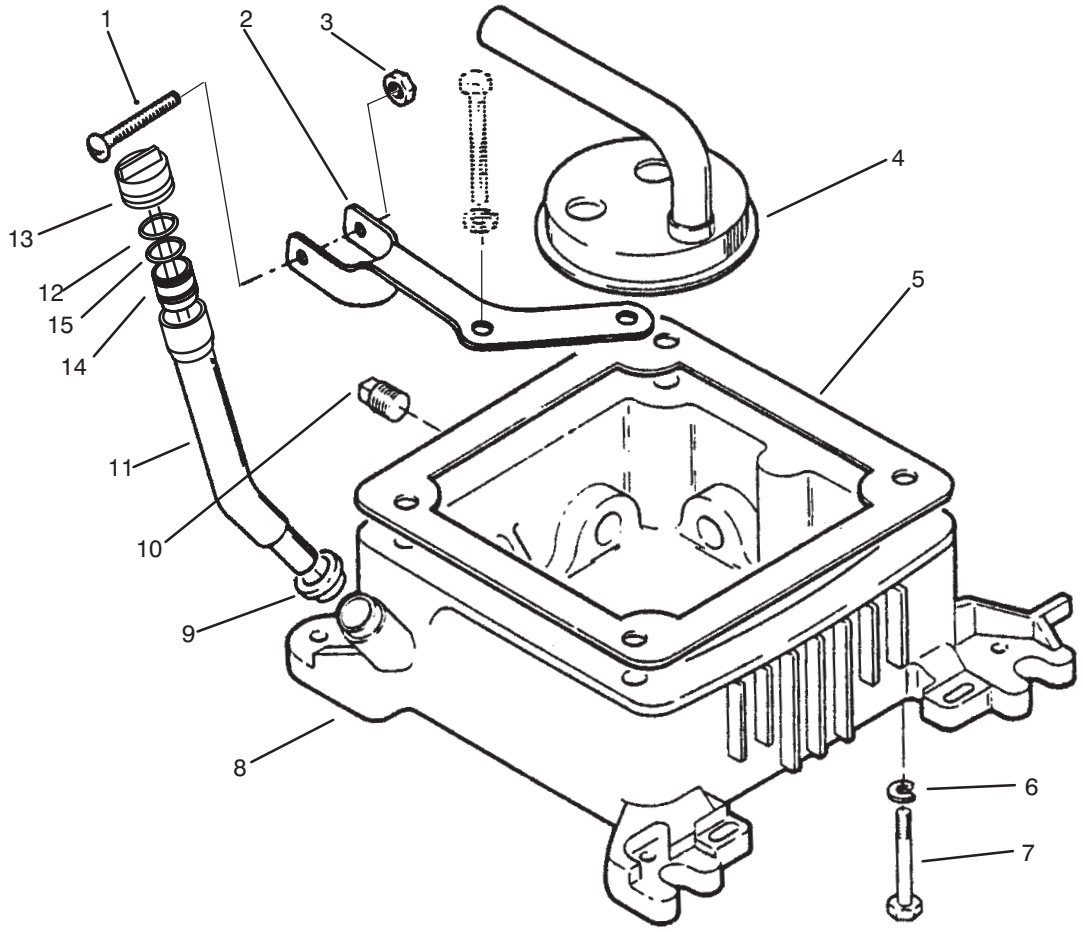
Cam & Crankshafts

Ref. No.	Part No.	Qty.	Description
1	57–9090	1	Ring–Retaining
2	57–9130	1	Hub–Governor Cup
3	59–0450	1	Cup–Governor
4	57–9640	1	Ball–Governor
5	57–8210	1	Gear–Camshaft
6	57–8230	1	Washer–Thrust
7	59–0400	1	Pin–Center
8	57–9660	1	Key–Woodruff
9	71–6320	1	Camshaft(P220g)
10	92–0911	1	Sleeve–Bearing
11	NN10773	1	Crankshaft(P220g)
12	57–8130	1	Gear–Crankshaft
13	57–8140	1	Washer–Gear
14	57–9710	1	Ring–Retaining
15	57–9660	1	Key–Woodruff

Ref. No.	Part No.	Qty.	Description

Part Identified in illustration but not in part list are not used on this model

3319–164 REV. A



Sheet No.: 405

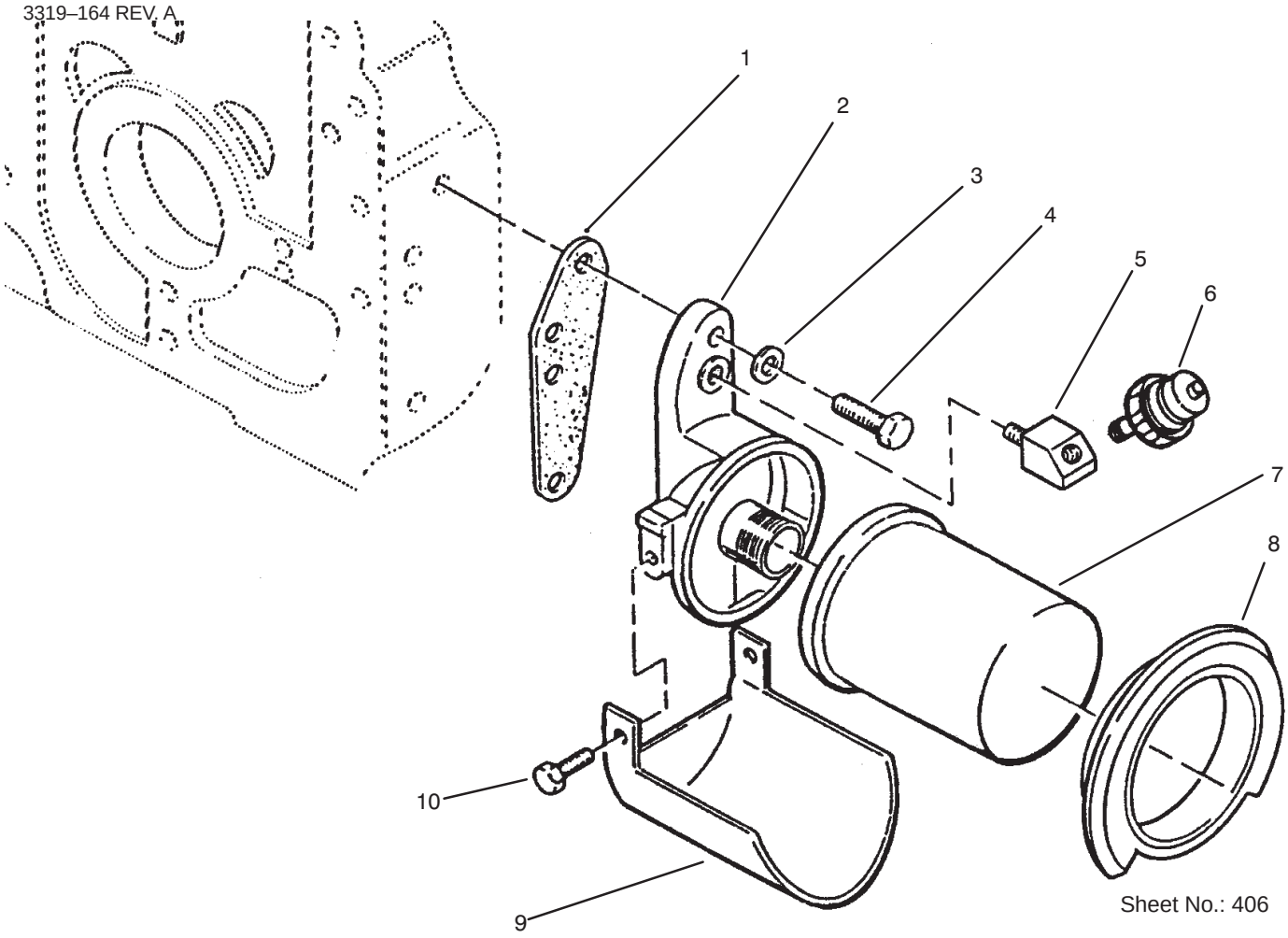
Oil Fill Tube & Base

Ref. No.	Part No.	Qty.	Description
1	82–1560	1	Screw
2	79–6460	1	Bracket–Fill Tube
3	82–1700	1	Nut–Speed
4	57–8490	1	Cup–Intake
5	57–8090	1	Gasket–Base
6	82–1310	4	Washer–Flat
7	NN10379	4	Screw–HH
8	71–5730	1	Base–Oil
9	71–6170	1	Seal–Oil
10	82–1130	2	Plug
11	NN10854	1	Tube–Fill P220G I 10955 H
11	NN10448	1	Tube–Fill (P220g) P220G I/10955 G
12	57–9610	1	O–Ring P220G I 10955 G
*	95–2843	1	O Ring–Cap, Uppper P220G I 10955 H
13	98–1704	1	Indicator–Oil Level P220G I 10955H
*	NN10159	1	Cap–Indicator Oil Fill P220G I 10955 G
14	98–1706	1	Adapter–Oil Fill P220G I 10955 H
15	NN10323	1	O Ring–Cap, Lower

Ref. No.	Part No.	Qty.	Description
			P220G I 10955 H

* Not Illustrated

Part Identified in illustration but not in part list are not used on this model



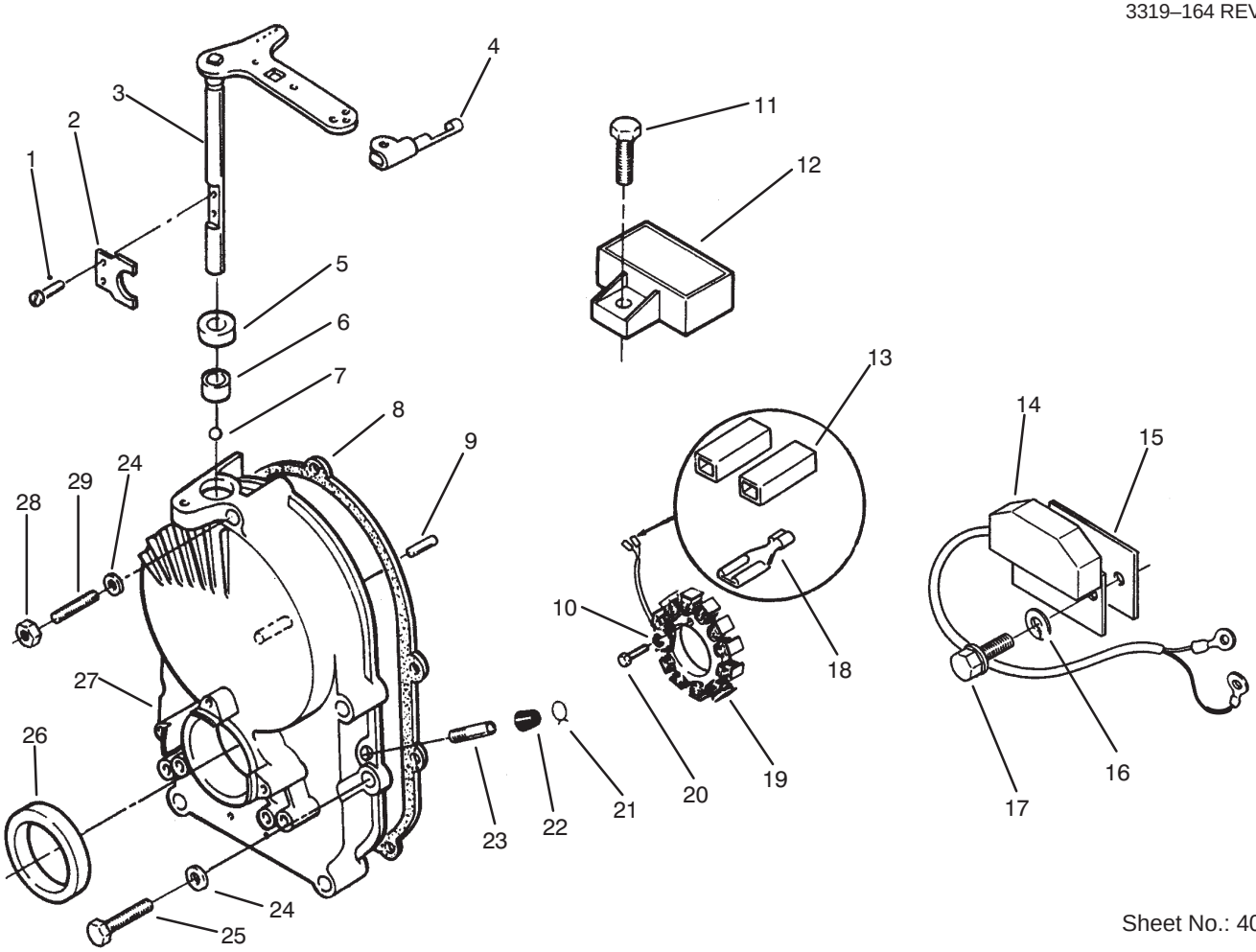
Oil Filter

Ref. No.	Part No.	Qty.	Description
1	79–6470	1	Gasket–Adapter
2	82–0500	1	Adapter–Oil Filter
3	57–9750	2	Washer–Flat
4	NN10373	2	Screw–HH
5	59–0640	1	Elbow–Street
6	98–1703	1	Switch–Pressure
7	NN10143	1	Filter–Oil
8	82–0680	1	Filter–Gasket Oil
9	NN10894	1	Drain–Oil Filter
10	71–6400	2	Screw–HFW

Ref. No.	Part No.	Qty.	Description

Part Identified in illustration but not in part list are not used on this model

3319–164 REV. A



Sheet No.: 407

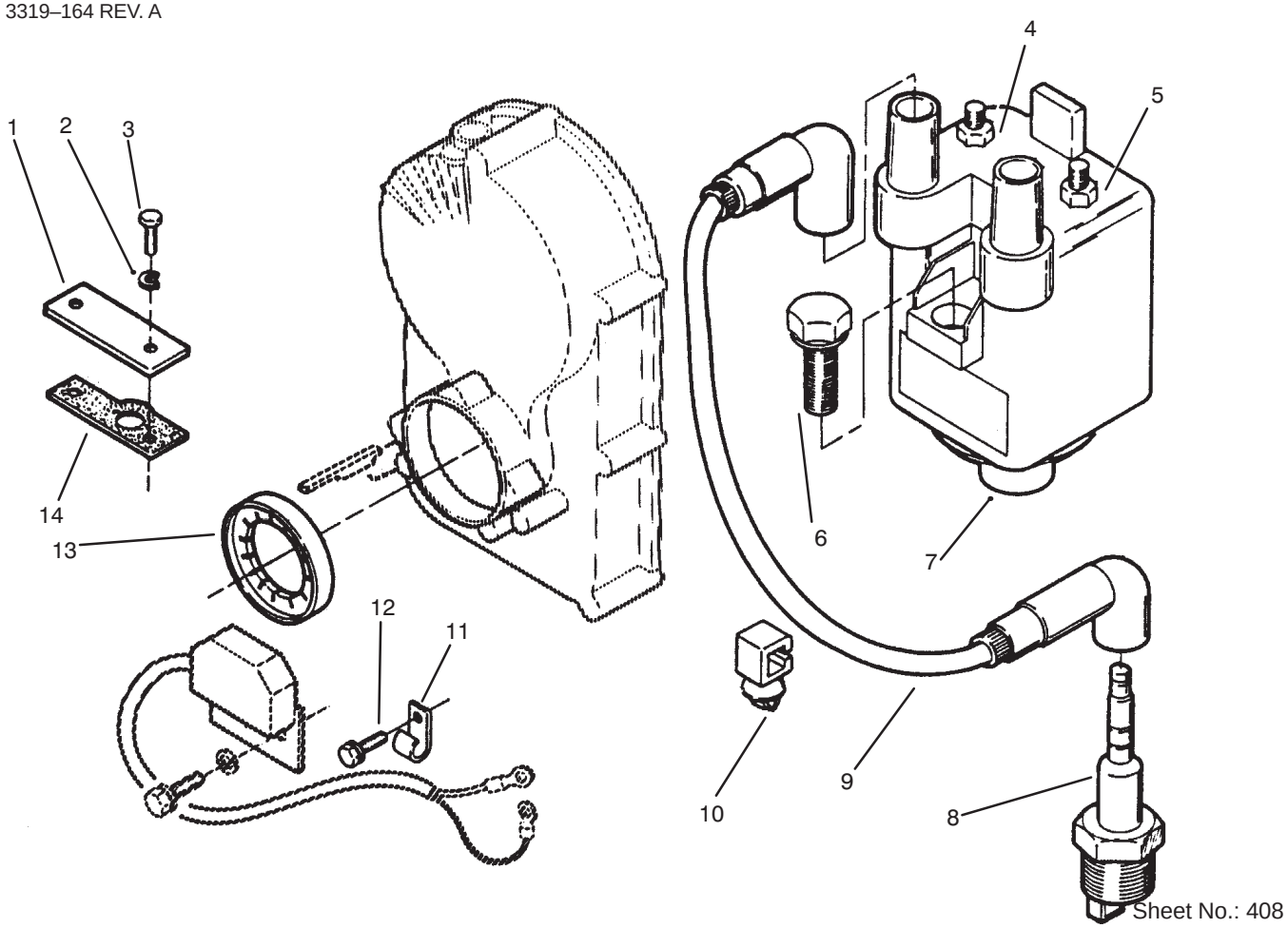
Gear Case & Ignition Controls

Ref. No.	Part No.	Qty.	Description
1	59–0950	2	Screw–PH
2	59–0420	1	Yoke–Governor
3	NN10826	1	Shaft & Arm Governor
4	94–6680	1	Clip
5	57–9570	1	Seal–Oil
6	57–9650	1	Bearing–Governor Shaft
7	57–9630	1	Bearing–Ball Gov Shaft
8	71–6360	1	Gasket
9	59–0740	1	Pin–Dowel
10	3253–2	3	Washer–Lock #10
11	59–1080	1	Screw–HF
12	57–9430	1	Regulator–Voltage 20 Amp
13	82–1000	2	Body–Term Conn Kit
14	71–6380	1	Control–Ignition
15	71–6410	1	Insulator–Ignition
16	82–1660	2	Washer–Lock
17	71–6400	2	Screw–HFW
18	59–0590	2	Terminal–Stator Leads
19	92–0967	1	Stator
20	82–1500	3	Screw–HH
21	57–9550	1	Clamp–Vacuum Port Cap
22	59–0370	1	Cap–Vacuum Port

Ref. No.	Part No.	Qty.	Description
23	59–0360	1	Tube–Vacuum Port
24	57–9750	5	Washer–Flat
25	NN10545	4	Screw–HH
26	57–9580	1	Seal–Oil
27	NN10825	1	Kit–Gearcase
28	59–1130	1	Nut
29	59–0790	1	Stud–Gear Cover

Part Identified in illustration but not in part list are not used on this model

3319–164 REV. A



Sheet No.: 408

Ignition Electronics

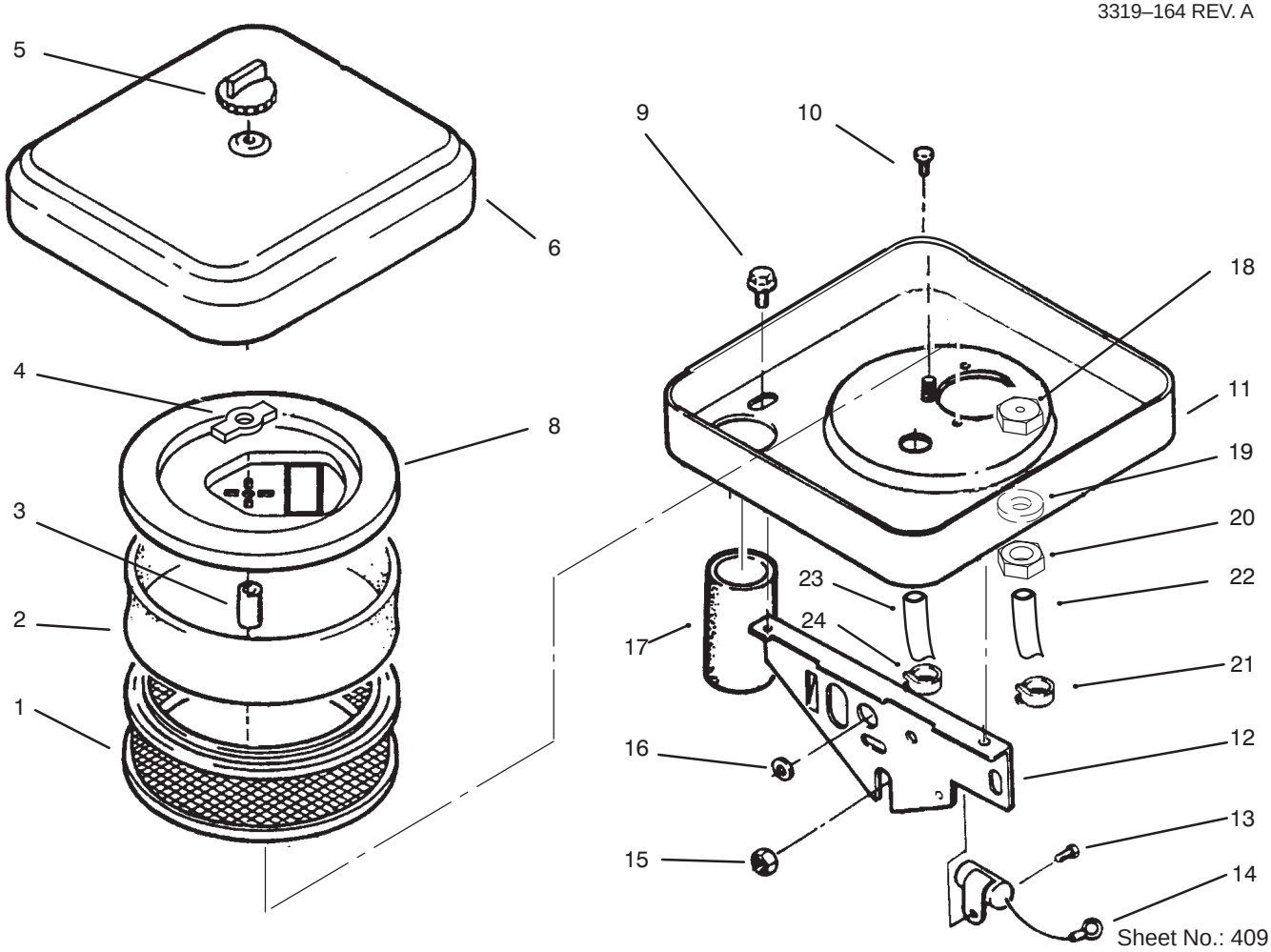
Ref. No.	Part No.	Qty.	Description
1	71–5990	1	Cover–Plunger
2	82–1340	2	Washer
3	82–1360	2	Screw–HH
4	71–6440	1	Nut–HHF
5	71–6430	1	Nut–HHF
6	59–0970	2	Screw–HHST
7	95–2844	1	Coil–Battery Ignition P220G I 10955 H
*	71–6000	1	Coil–Battery Ignition P220G I 10955 G
8	57–9340	2	Plug–Spark
9	57–9350	2	Cable–Spark Plug 23”
10	71–6060	1	Clip–Wire
11	71–6220	2	Clip–Wire
12	NN10545	1	Screw–HH
13	71–6010	1	Rotor–Ignition
14	79–6490	1	Gasket–Plate
15	98–1705	1	Kit–Coil Update

Ref. No.	Part No.	Qty.	Description

* Not Illustrated

Part Identified in illustration but not in part list are not used on this model

3319–164 REV. A



Sheet No.: 409

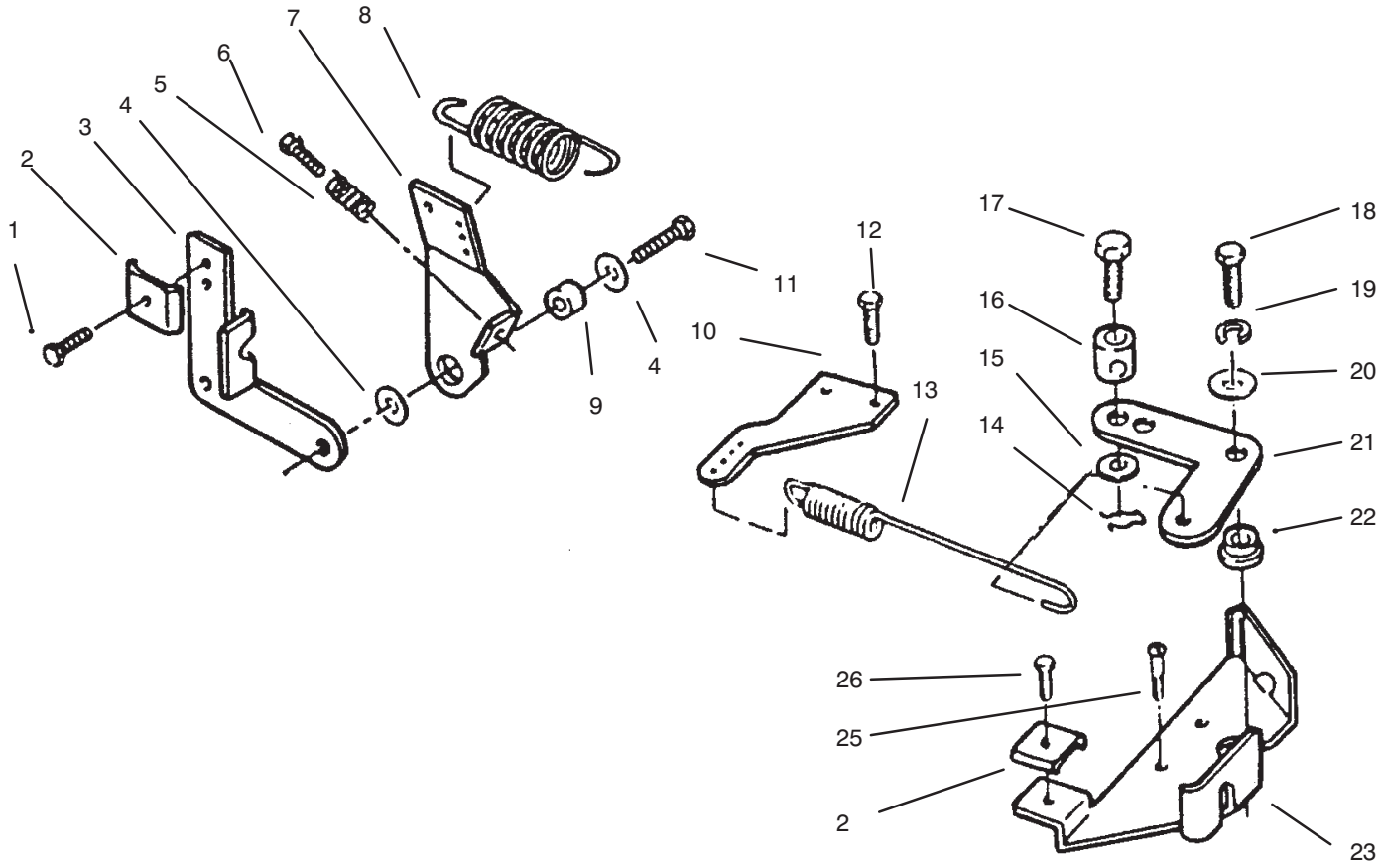
Air Cleaner

Ref. No.	Part No.	Qty.	Description
1	NN10774	1	Element–Air Cleaner
2	NN10176	1	Wrapper–Element
3	79–6510	1	Spacer–Stud
4	79–6520	1	Spacer–Nylon
5	82–1670	1	Nut–Wing
6	NN10446	1	Cover–Cleaner
8	82–0650	1	Cover–Inner
9	82–1550	2	Screw–HFW
10	92–0915	2	Screw–HH
11	79–6330	1	Housing–Air Cleaner
12	79–6340	1	Support–Air Cleaner
13	NN10390	1	Screw–HFW
14	59–1180	1	Capacitor
15	82–1690	1	Nut–HFW
16	71–6140	1	Grommet–Rubber
17	NN10187	1	Tube–Air Intake
19	NN10190	1	Gasket
20	NN10132	1	Nut(P220g)
22	NN10447	1	Hose(P220g)

Ref. No.	Part No.	Qty.	Description

Part Identified in illustration but not in part list are not used on this model

3319–164 REV. A



Sheet No.:410

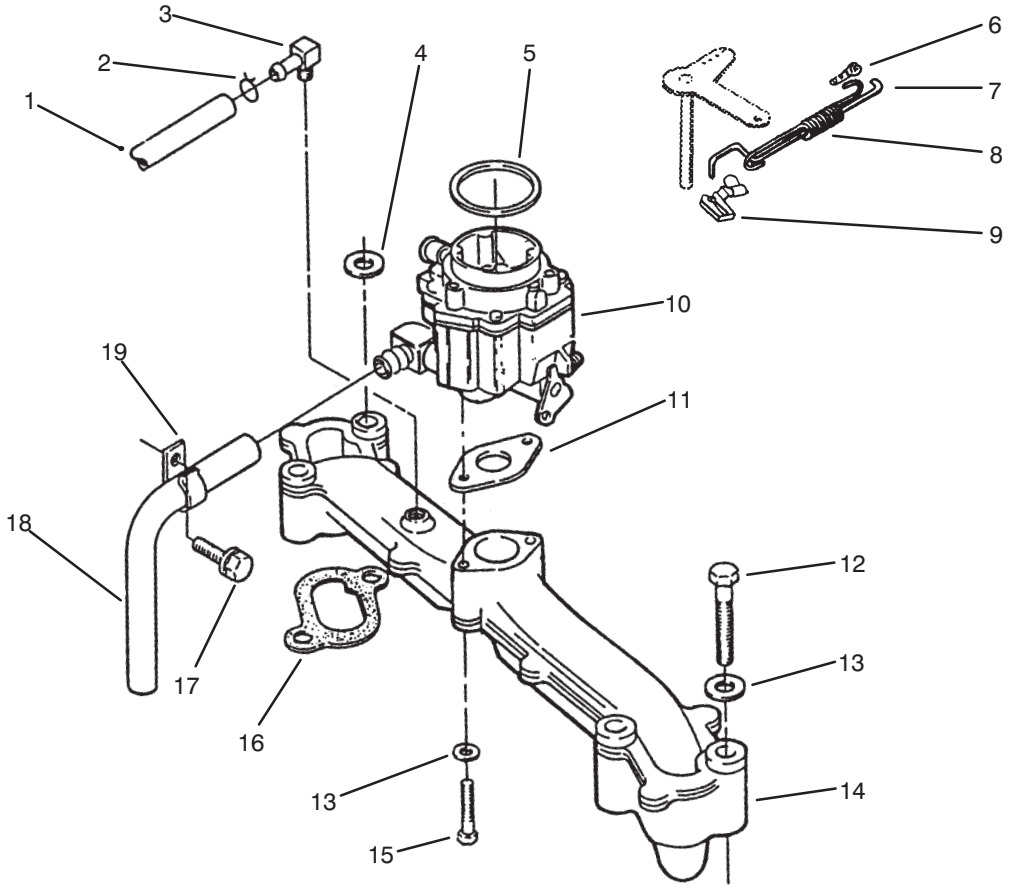
Governor

Ref. No.	Part No.	Qty.	Description
1	72–3900	1	Screw–TAP
2	57–9190	2	Clamp–Cable
3	57–9150	1	Bracket–Cable
4	59–0830	2	Washer–Flat
5	59–0430	1	Spring–Idle Setting
6	59–1030	1	Screw–Tapping Hex Hd
7	92–0922	1	Arm–Governor Control
8	57–9100	1	Spring–Governor
9	57–9120	1	Bushing–Control Arm
10	79–6420	1	Adapter–Governor Arm
11	59–1100	1	Screw–HH
12	59–1050	1	Screw–PH
13	NN10932	1	Spring–Governor
14	59–0720	1	Pin–Cotter
15	201270	1	Washer
16	57–9120	1	Bushing–Control Arm
17	72–3890	1	Screw–HH
18	82–1370	1	Screw–HH
19	82–1620	1	Washer–Lock
20	59–0830	1	Washer–Flat
21	201256	1	Link–Governor Control
22	79–6400	1	Bushing–Governor Cont

Ref. No.	Part No.	Qty.	Description
23	79–6390	1	Bracket–Governor Cont
25	201327	1	Screw–TAP
26	59–1000	3	Screw

Part Identified in illustration but not in part list are not used on this model

3319–164 REV. A



Sheet No.: 411

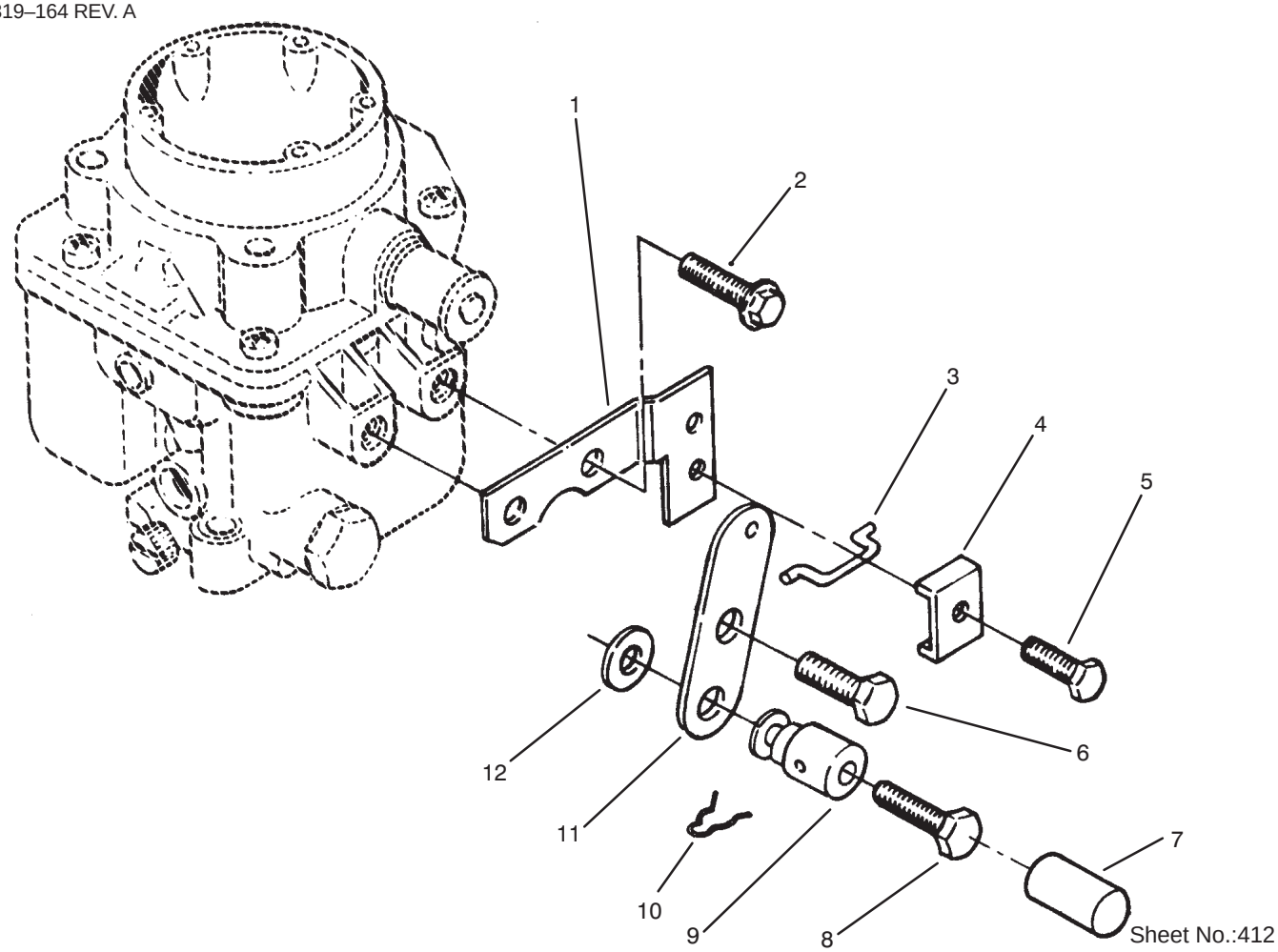
Intake Manifold & Carburetor

Ref. No.	Part No.	Qty.	Description
1	82–1120	1	Hose–Breather
2	82–1080	2	Clamp–Hose .50” Dia
2	82–1090	1	Clamp–Hose .44” Dia
3	82–1070	1	Fitting–Barbed
3	82–1070	1	Fitting–Barbed
4	NN10362	1	Washer–Flat
5	57–9620	1	O Ring
6	57–9700	1	Clip–Retaining
7	95–7688	1	Rod–Governor Control
8	95–7689	1	Spring–Governor Rod
9	94–6680	1	Clip
10	94–1847	1	Kit–Carburetor(P220g)
11	82–0850	1	Gasket–Carb/Manifold
11	94–1848	1	Jet–Altitude
12	NN10375	4	Screw–HH
13	82–1350	6	Washer
14	92–0918	1	Manifold–Intake
15	NN10545	2	Screw–HH
16	71–5980	2	Gasket–Manifold
17	82–1540	1	Bolt–HH
18	NN10306	1	Hose–Fuel 30”
19	71–6220	1	Clip–Wire
	94–1843	1	Kit–Repair
	94–1844	1	Kit–Repair
	95–7692	1	Harness–Wire

Ref. No.	Part No.	Qty.	Description

Part Identified in illustration but not in part list are not used on this model

3319–164 REV. A



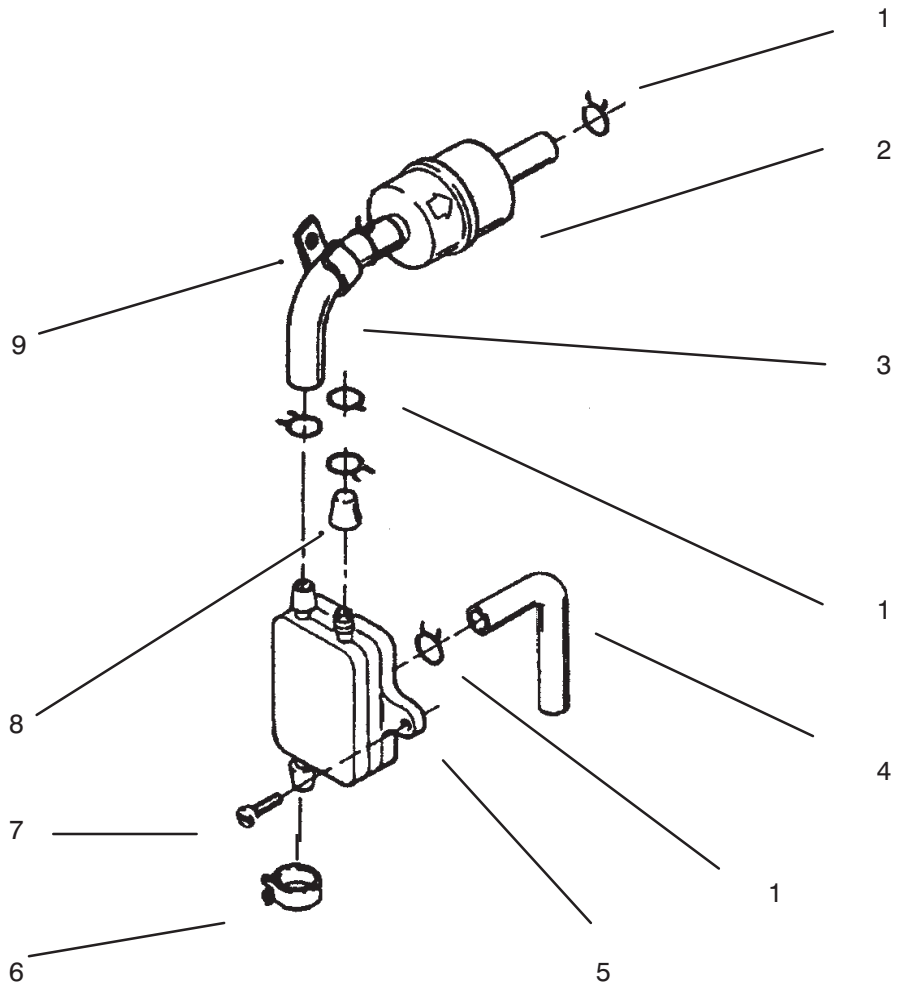
Choke Control

Ref. No.	Part No.	Qty.	Description
1	59–0470	1	Bracket–Choke Cable
2	72–3880	1	Screw–HF
3	57–9180	1	Link–Choke
4	57–9190	1	Clamp–Cable
5	72–3900	1	Screw–TAP
6	92–0916	1	Screw–Shoulder
7	NN10830	1	Plug–Cap
8	72–3890	1	Screw–HH
9	57–9170	1	Swivel–Choke Lever
10	59–0720	1	Pin–Cotter
11	NN10233	1	Lever–Choke
12	59–0850	1	Washer–Flat

Ref. No.	Part No.	Qty.	Description

Part Identified in illustration but not in part list are not used on this model

3319–164 REV. A



Sheet No.: 413

Fuel Filter & Pump

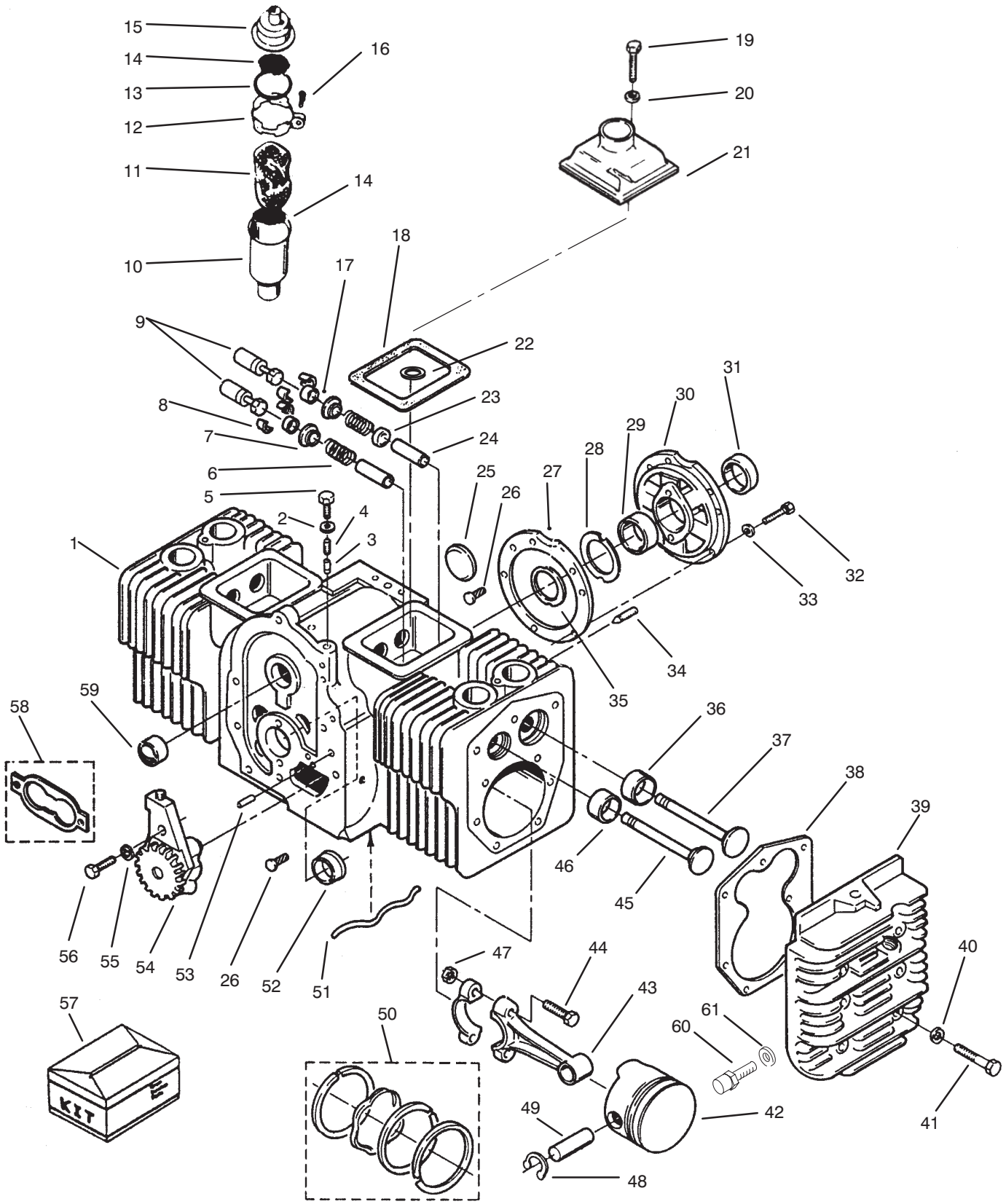
Ref. No.	Part No.	Qty.	Description
1	82–1080	6	Clamp–Hose .50” Dia
2	71–5960	1	Filter–Fuel
3	NN10790	1	Line–Fuel 12”
4	NN10302	1	Line–Fuel 7”
5	57–9080	1	Pump–Fuel
6	950154	2	Clamp–Corbin
7	59–1050	2	Screw–PH
8	59–0370	1	Cap–Vacuum Port
9	71–6220	1	Clip–Wire

Ref. No.	Part No.	Qty.	Description

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Part Identified in illustration but not in part list are not used on this model

Engine Cylinder Block



Sheet No.: 414

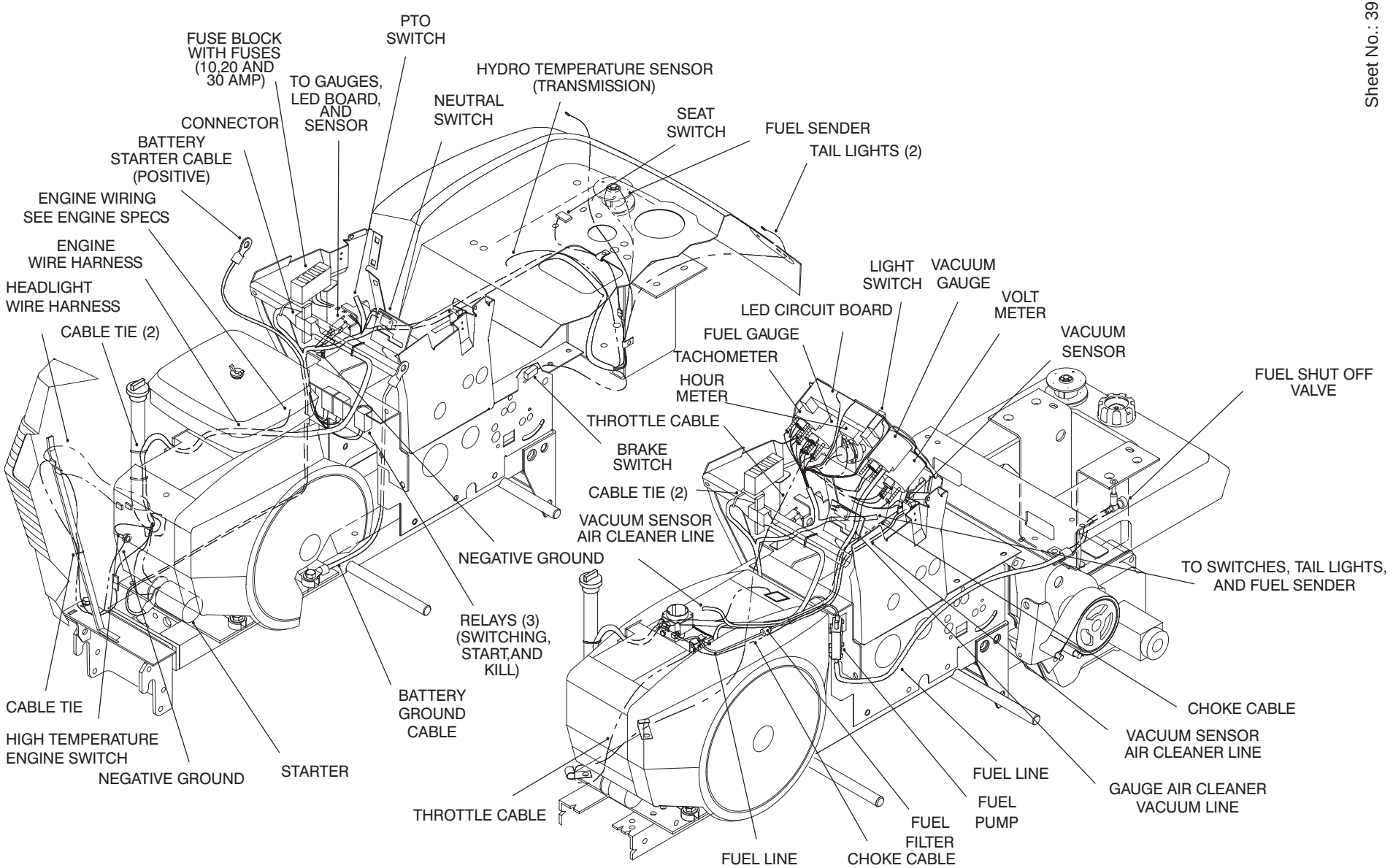
Part Identified in illustration but not in part list are not used on this model

3319–164 REV. A

Engine Cylinder Block

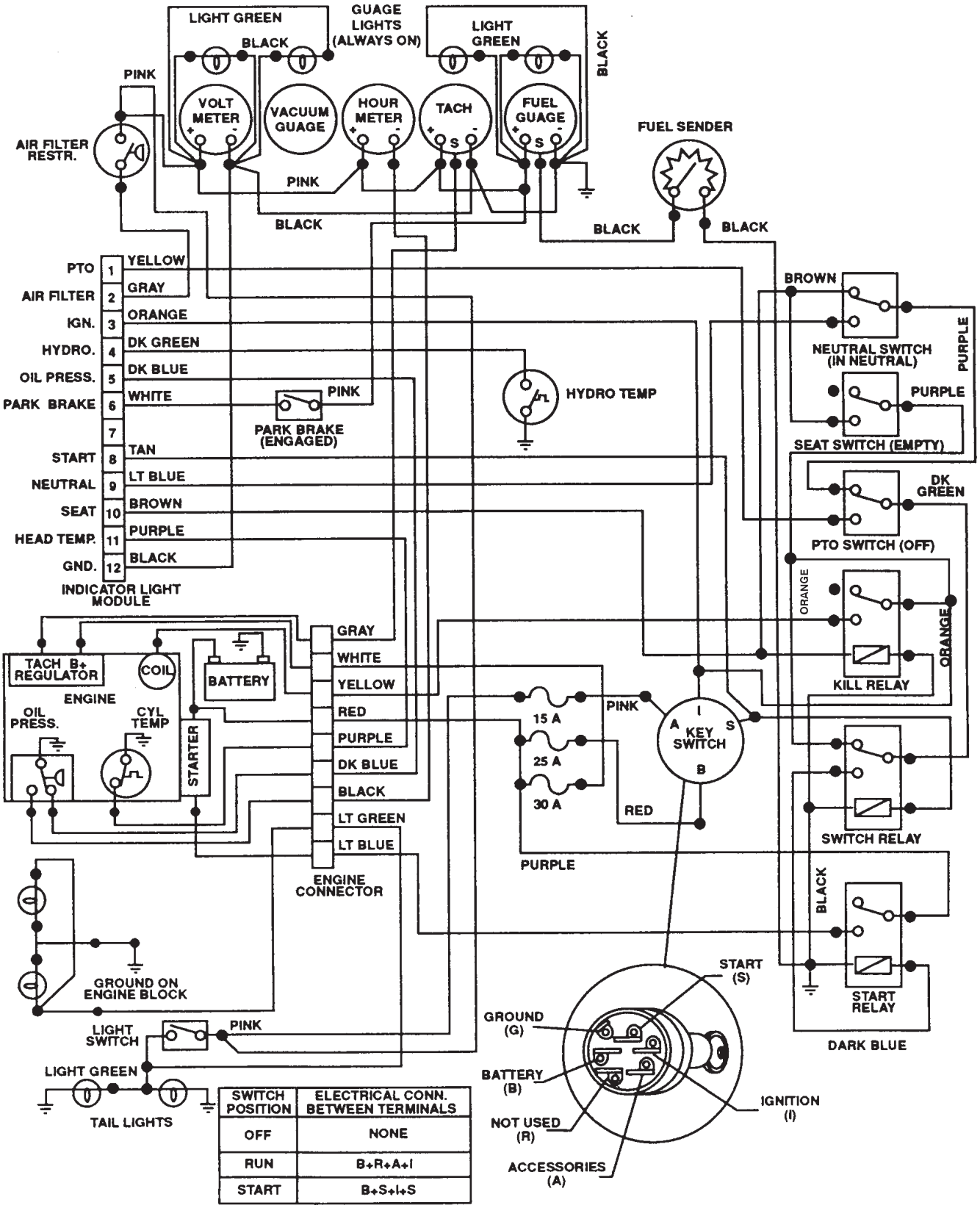
Ref. No.	Part No.	Qty.	Description
1	92–0900	1	Block–Cyl.(Short)(P20g)
2	57–8430	2	Rod–Conn
2	57–9760	1	Washer–Flat
3	57–8470	1	Plunger–Bypass Valve
4	59–0280	1	Spring–Bypass Valve
5	59–0910	1	Screw–HH
6	71–5790	4	Spring–Valve
7	71–5800	4	Washer–Valve Spring
8	NN10082	8	Lock–Valve Spring
9	57–8450	4	Tappet–Valve STD
10	82–0540	1	Tube–Breather
11	57–8580	1	Baffle–Breather Tube
12	82–0530	1	Clamp–Tube
13	82–0570	1	O–Ring–Cap
14	82–0560	2	Screen–Tube
15	82–0550	1	Cap & Valve–Breather
16	82–1480	1	Screw–PH
17	71–5830	4	Cap–Valve
18	57–8280	2	Gasket–Cover
19	NN10370	2	Screw–HH
20	57–9740	2	Washer–Flat
21	NN10821	1	Cover–Valve
22	59–0820	1	Washer–Flat
23	71–6180	2	Seal–Valve
24	71–6250	2	Guide–Valve
24	71–6260	2	Guide–Valve
25	57–9690	1	Plug–Welch
26	59–0730	4	Pin–Drive
27	57–8010	1	Gasket–Bearing Plate
28	57–8170	A/R	Shim–Crankshaft .005”
29	57–8050	1	Bearing–Crankshaft Rear
29	57–8060	1	.010” Undersize
29	59–0020	1	.002” Undersize
29	59–0030	1	.020” Undersize
29	59–0040	1	.030” Undersize
30	82–0020	1	Plate–Bearing
31	57–9590	1	Seal–Oil
32	59–0880	5	Screw–HF
33	3253–5	5	Washer–Lock
33	82–1310	5	Washer–Flat
34	3247–4	2	Screw–HS
35	57–8160	2	Washer–Thrust
36	59–0050	2	Insert–Valve Seat Intake
36	59–0080	2	.010” Oversize
37	71–5770	2	Valve–Intake
38	57–8330	2	Gasket–Head
39	59–0180	1	Head–Cylinder RH
39	71–5810	1	Head–Cylinder LH
40	57–9770	18	Washer–Flat
41	59–0900	18	Screw–HH
42	82–1800	2	Piston STD INC 48–49
42	92–0902	2	.010” Oversize
42	92–0903	2	.020” Oversize
42	92–0904	2	.030” Oversize
43	57–8420	2	Rod–Conn
43	57–8440	2	Rod–Conn
43	59–0250	2	Rod–Conn
44	95–7697	4	Bolt–Connecting Rod
45	71–5780	2	Spring–Clutch
46	59–0100	2	Insert–Valve Seat Exh
46	59–0110	2	.002” Oversize
46	59–0120	2	.005” Oversize
46	59–0130	2	.010” Oversize
46	59–0140	2	.025” Oversize
47	95–7698	4	Nut
48	57–9720	4	Ring–Retaining
49	71–6310	2	Pin–Piston
50	92–0905	2	Kit–Ring Piston STD
50	92–0906	2	.005” Oversize
50	92–0907	2	.010” Oversize
50	92–0908	2	.020” Oversize
50	92–0909	2	.030” Oversize
51	59–0290	1	Tube–Oil
52	57–8020	1	Bearing–Crankshaft
52	57–8030	1	.010” Undersize
52	57–9360	1	.002” Undersize
52	57–9800	1	.020” Undersize
52	59–0010	1	.030” Undersize
53	59–0750	2	Pin Align
54	57–8480	1	Pump–Oil
55	82–1340	2	Washer
56	82–1370	2	Screw–HH
57	71–6290	1	Kit–Gasket Complete
58	57–8460	1	Kit–Gasket Oil Pump
59	57–8000	2	Bearing–Camshaft
60	NN10274	1	Switch–High Temp.
61	NN10924	1	Washer–Lock

Wire Harness & Cable Routing

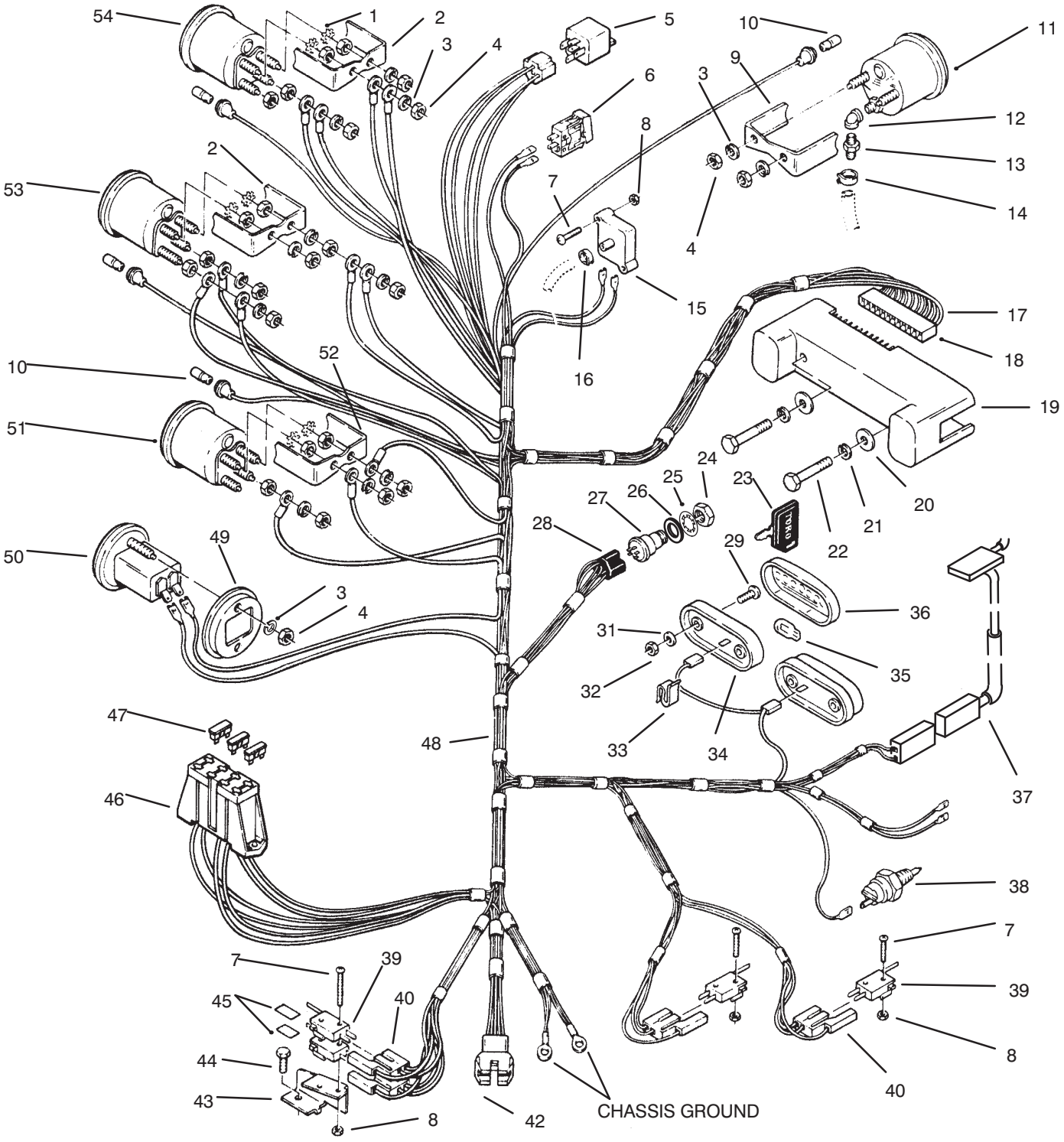


520—H AND 520—HE WIRE HARNESS, CABLE AND TUBE ROUTING TWIN CYLINDER

Electric Schematic



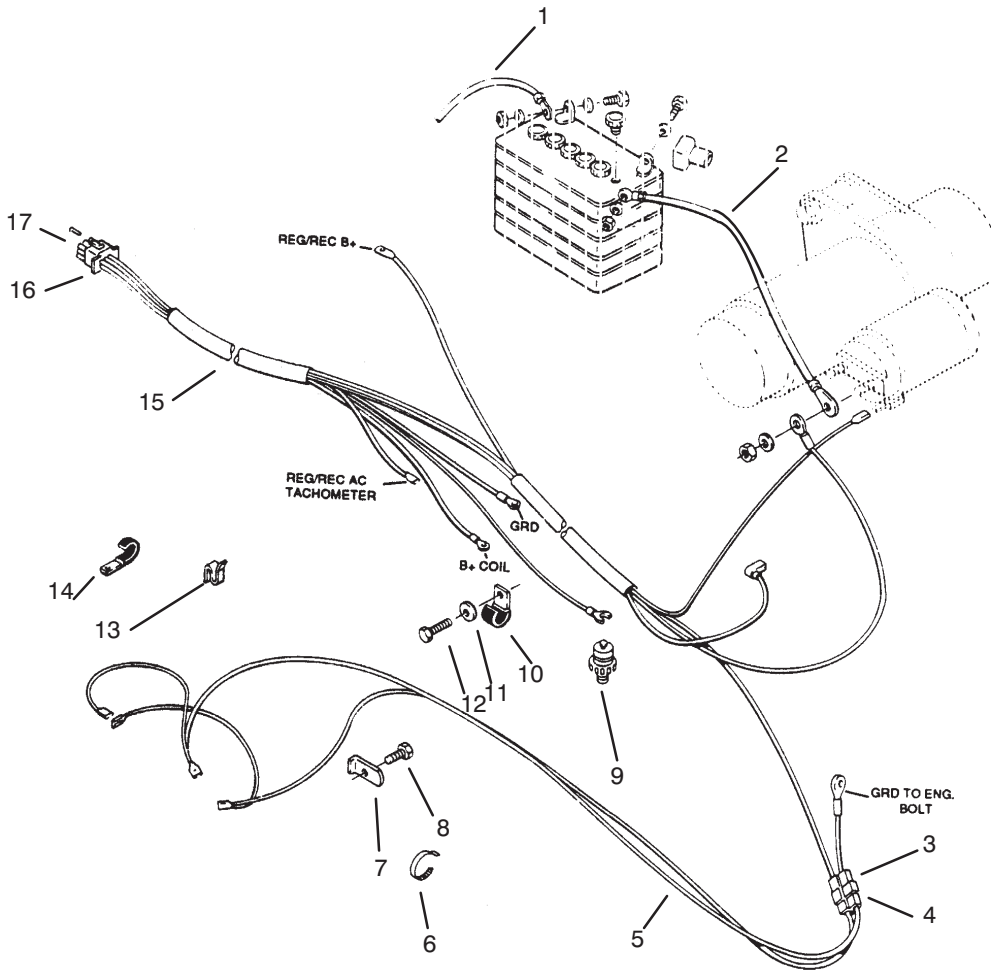
520–Wire Harness Attachment & Component's



C–2077

520–Wire Harness Attachment & Component's

Ref. No.	Part No.	Qty.	Description
1	3253–17	8	Washer – Lock
2	78–0080	2	Bracket – Mounting
3	3255–25	2	Washer – Lock
4	3217–27	A/R	Nut – Hex.
5	116397	3	Relay
6	92–9844	1	Switch – Light
7	910948	4	Screw
8	915732	6	Nut – Elastic
9	78–0100	2	Bracket – Mounting
10	79–0450	4	Lamp – .938" Long
11	79–2660	1	Gauge – Vacuum (Incl. Ref. #3–4 & 9)
12	943021	1	Elbow
13	105076	1	Fitting – Straight
14	950154	1	Clamp – Corbin
15	94–1836	1	Sensor – Air Cleaner
16	114767	1	Clamp
17	114633	12	Terminal
18	114632	1	Connector – Male
19	79–2130	1	Board – Light Circ
20	3256–21	2	Washer – Flat
21	3253–15	2	Washer – Lock
22	910783	2	Screw
23	62–7770	2	Key – Padded Ignition
24	101884	1	Nut – Special
25	9201604	1	Washer – Lock
26	920262	1	Washer
27	111216	1	Switch – Ignition (Incl. Ref. #24–26)
28	105302	1	Connector Ignition Switch (Ref. Item #48)
29	910809	4	Screw
31	3254–1	4	Washer – Lock
32	3219–14	4	Nut
33	3023	2	Clip – Speed
34	105202	2	Base – Taillight w/Bulb
35	109045	2	Bulb – Light
36	112564	2	Lens – Taillight
37	38–1420	1	Switch – Seat
38	113193	1	Switch – Oil Temp
39	111332	2	Switch – Interlock
40	111498	5	Connector
42	113119	1	Connector – Fem
43	111488	1	Support – Switch
44	926671	3	Bolt
45	111642	2	Barrier – Switch Insulator
46	120930	1	Body – Fuse (Ref. Item #48)
47	218–578	1	Fuse – 10 Am
	109101	1	Fuse – 20 Amp
	NN10277	1	Fuse – 30 Amp
48	79–3630	1	Wire Harness
49	78–3220	1	Bracket – Mountin
50	78–0020	1	Hourmeter (Incl. Ref. #3–4 & 49)
51	78–0060	1	Tachometer (Incl. Ref. #1, 3–4 & 5 52)
52	114018	1	Bracket – Mounting
53	78–0040	1	Gauge – Fuel
			(Incl. Ref. #1–4)
54	78–0030	1	Voltmeter (Incl. Ref. #1–4)
*	117257	1	Tie – Snap In



Sheet No.:
C–1673

Engine Wire Harness

Ref. No.	Part No.	Qty.	Description
1		1	Cable – Battery–
2		1	Cable – Battery (+)
3	NN10278	1	Connector
4	109357	1	Connector
5	114052	1	Harness – Headlight
6	100571	1	Tie – Cable
7	109459	2	Clamp
8	926671	2	Bolt – Hex
9	94–1845	1	Switch – Low Oil
10	NN10348	1	Clip
11	NN10425	1	Washer – Lock
12	82–1540	1	Screw
13	3023	1	Clip – Small
14	8830	1	Clip
15	94–1846	1	Harness–Eng Wiring P220G I/19055G
15		1	Harness–Eng Wiring P220G I/19055H
16	NN10281	1	Connector
17	NN10279	1	Contact – Socket

Ref. No.	Part No.	Qty.	Description

Toro Part Number Index

Part No.	Page No.	Ref. No.	Qty.	Description
1121	8	14	1	Key–Square
1278	9	35	1	Washer–Shim
1518	22	21	1	Bearing–Needle
1532	22	22	2	Bearing–Needle
1538	22	12	1	Bearing–Needle
2844	15	20	1	Washer–Flat
3023	11	27	2	Clip
3765	10	21	1	Washer–Flat
3765	13	8	1	Washer–Flat
5108	16	3:3	2	Valve–Tire Tubeless
5108	16	10:5	2	Valve–Tire Tubeless
5210	3	12	6	Washer–Shim
5618	2	15	1	Ring–Retaining
5618	17	11	2	Ring–Retaining
5666	13	4	2	Bushing–Flanged
5979	1	17	2	Bushing
5983	7	6	1	Bushing
5983	9	1	3	Bushing
5991	15	14	1	Fitting–Filter
6216	2	10	1	Pin–Pivot
6229	8	17	1	Bushing–Flanged
6449	21	12	2	Seal–Oil
6472	2	2	1	Bearing–Pillow
6658	12	13	1	Race–Bearing
6659	12	12	2	Retainer–Plate
6662	12	16	1	Bearing–Needle
6663	12	15	1	Seal–Oil
7443	12	9	1	Pulley–Engine
7456	5	10	4	Clamp
7879	10	20	1	Bushing–Flanged
7956	22	16	1	Washer–Thrust
8616	17	20	2	Spring–Compression
8830	4	33	1	Retainer–”J”
8830	8	12	1	Retainer–”J”
8830	14	13	2	Retainer–”J”
8830	17	28	1	Retainer–”J”
8830	19	11	1	Retainer–”J”
8830	20	21	1	Retainer–”J”
8830	22	9	1	Retainer–”J”
9038	17	12	1	Grip
9416	21	11	2	Bearing–Needle
9547	22	23	1	Washer–Thrust
9548	2	18	4	Washer–Thrust
9865	2	19	2	Bearing–Thrust
100304	9	16	2	Bearing
100305	15	4	2	Washer–Friction
100309	15	6	1	Bushing–Cam Pivot
100365	15	3	2	Washer–Spring Disc
100656	9	22	1	Bearing–Cam Return
101017	17	15	1	Lock–Hitch
101623	21	6	8	Gear–Pinion
101707	17	23	1	Lock–Attachment
101750	17	19	1	Rod–Pivot
101751	17	27	1	Rod–Lock
101757	7	24	1	Spacer
101853	9	38	1	Spring–Compression
101884	6	17:1	2	Nut–Hex
101889	21	4	2	Gear–Axle
102025	10	3	1	Spacer
102374	8	19	1	Pin–Pivot
102628	7	27	1	Fitting–Tube
102628	15	28	1	Fitting–Tube

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
102872	12	2	1	Shaft–PTO
102881	1	3	2	Headlamp
103125	9	29	1	Spring–Extension
103125	13	7	1	Spring–Extension
103995	15	49	1	Washer
104841	7	16	1	Spring
104859	13	16	1	Spacer–Flanged
105061	21	7	1	Gear–Differential
105202	11	30	2	Base–Light
105269	17	5	1	Pin–Hitch
105316	17	14	2	Cap–Rod
105453	12	10	1	Key
105503	11	21	2	Bushing
105524	11	20	2	Bracket–Pivot
105797	1	18	2	Ring–Retaining
105797	17	18	8	Ring–Retaining
105876	21	5	2	Ring–Retaining
106267	7	18	1	Grommet
106269	8	9	2	Bearing–Flange
106448	15	40	1	Nipple–Trans Filler
106522	8	4	1	Chain–Lift
106634	17	8	1	Pin–Attachment
106661	15	9	1	Cam
106695	12	20	1	Ring–Retaining
106719	15	17	1	Drum–Brake
106826	15	51	2	Washer–Thrust
106948	18	8	1	Tray–Battery
107069	5	5	6	Nut–Panel
107374	21	8	4	Washer–Flat
107938	10	25	1	Spring–Extension
108312	21	15	1	Gasket–Transaxle
108316	15	35	1	Pulley–Hydro
108319	22	2	1	Gasket–Transmission
108323	15	15	1	Base–Filter
108326	15	2	1	Spacer–Pivot
108327	15	39	1	Spacer–Pivot
108333	15	5	1	Plate–Cam
108357	22	13	1	Seal–Oil
108361	21	13	1	Axle–Rear
108362	21	18	1	Axle–Rear
108363	21	10	2	Pin–Locating
108364	22	25	1	Fitting–Hyd
108365	7	1	2	Fitting–Tube
108365	15	31	2	Fitting–Tube
108366	22	4	1	Spacer–Gear
108393	15	36	1	Fan–Hydro
108457	4	35	1	Nut–Push
108457	5	14	1	Nut–Push
108496	9	26	1	Pivot
108680	9	30	1	Spring–Compression
108716	10	16	1	Plate–Neutral Cam
108881	15	7	2	Nut–Hex
108881	17	4	6	Nut–Hex
108881	21	2	4	Nut–Hex
108904	9	18	1	Rod–Control
109045	11	30:1	2	Lamp–Wedge
109102	20	9:2	1	Fuse–25 Amp
109189	3	13	1	Bearing–Flange
109355	20	9:2	1	Fuse–15 Amp
109356	15	26	1	Bushing–Pivot
109370	22	17	1	Shaft–Brake
109371	15	18	1	Brake Band

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
109459	1	5	2	Clamp–Headlight
109494	1	2	1	Bezel–Headlight
109495	1	1	1	Bezel–Headlight
109703	22	24	1	ASM–Gear
109742	22	20	1	Gear–20t
109751	22	5	1	Gear–20t
109752	22	19	1	Gear–46t
109842	12	5	1	Bearing–Ball
109989	11	6	4	Spacer
110189	9	17	2	Rod End ASM
110656	13	19	1	Trunnion
110669	13	17	1	Plate–PTO
110680	16	3:1	2	Wheel
111052	13	23	1	Rod–Clutch
111071	11	12	2	Bumper–Rubber
111196	21	3	2	Cap–End
111199	21	1	2	Bearing–Ball
111216	6	17	1	Switch–Ignition
111217	22	26	1	Tube–Suction
111314	12	27	1	Lock Pin ASM
111332	10	42	1	Switch–Interlock
111332	20	4	1	Switch–Interlock
111383	9	33	1	Collar w/Set Screw
111926	4	47	1	Decal–Electric
111960	4	45	1	Decal–PTO Clutch
112564	11	32	2	Lens–Light
112637	24	4	1	ASM–Pump
112641	24	9	1	Cover ASM
112775	2	23	2	Nut–Hex Jam
112791	10	31	1	Pulley–Idler
112821	16	10:3	4	Cup–Bearing
112824	16	11	2	Spacer
112825	16	5	2	Cap–Dust
113010	18	10	1	Hold Down
113107	12	26	1	Clevis
113108	12	1	1	Rod–Housing
113193	15	41	1	Sensor–Hydro Oil Temp
113358	19	6	1	Sender–Fuel Level
113372	19	2	1	Gasket–Fuel Sender
113925	18	1	1	Cable–40” Lg
113968	1	8	1	ASM–Hood & Grill
113969	18	9	2	Hook–Retainer
114000	7	4	1	Valve ASM – Hyd
114027	6	10	1	Control–Choke
114052	1	4	1	Wire Harness
114210	18	6	1	Cable–24” Lg
114264	11	7	1	Adjuster–Seat
114265	11	5	1	Slide–Seat
114343	11	18	1	Spring–Gas
114344	11	16	2	Spacer
114628	4	20	1	Bracket–Switch
114636	14	8	1	Nipple
114720	18	7	1	Tube–Battery Drain
114763	14	10	1	Nipple
114764	14	9	1	Elbow–90 DEG
114767	4	38	1	Clamp–Hose.32d X.31w Blk
114823	10	22	1	Washer–Curved Spring
114888	14	1	6	Screw
114895	10	29	1	Belt–Hydro Drive
115230	9	41	1	Switch–Clutch
115392	6	18	1	Control–Throttle
115411	20	2	1	Bracket–Switch

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
115620	4	7	1	Cover–Console 5–Gage
115877	18	5	1	Battery
116000	4	24	4	Screw–CARR
116000	5	8	4	Screw–CARR
116302	7	8	1	Arm–Control
116321	9	5	1	Arm–Control
116324	9	6	1	Rod & Balljoint ASM
116397	20	17	3	Relay
116407	9	13	1	Rod End
116445	4	42	1	Decal–Parking Brake
116471	14	5	1	Muffler
116745	1	19	1	Rod–Pivot
116746	1	20	1	Bracket–Grill
116747	1	13	1	Bracket–Grill
116867	16	10:1	2	Tire–16 X 7.5–8
116971	16	3:2	2	Tire
117257	4	36	1	Tie– Snap In
117288	16	10:4	2	ASM–Wheel w/Zerk
117328	7	12	1	Rod–Lift Control
117329	9	2	1	Rod–Control
117343	4	15	2	Latch–Hood
117344	1	10	2	Handle–Latch
117432	1	9	4	Poprivet
117432	4	48	2	Poprivet
117433	4	14	2	Rivet–Pop
117930	17	17	1	Latch ASM–Mid
118410	4	9	1	Cover–Steering Shaft
118530	14	29	1	Name Plate–Toro Logo
118560	14	30	1	Decal–Power Plus 20
118660	9	7	1	Guide–Control
118780	4	10	4	Screw
118860	10	6	1	Knob–Parking Brake
119230	4	44	1	Decal–Lower Dash
119340	7	22	1	Cylinder–Hydraulic
120930	20	9:1	1	Fuse Holder
121100	8	15	1	Lift Arm ASM
201256	34	21	1	Link–Governor Control
201270	34	15	1	Washer
201327	34	25	1	Screw–TAP
519337	19	16	2	Clip
910865	11	3	4	Screw
911423	21	9	4	Screw–HH
933135	10	5	1	Pin–Spirol
933198	7	7	1	Pin–Spirol
933198	9	4	1	Pin–Spirol
933274	12	25	1	Pin–Spirol
937089	15	48	2	Key–Woodruff
937099	22	18	1	Key–Woodruff
937108	15	47	2	Key–Woodruff
950154	37	6	2	Clamp–Corbin
9000369	4	30	2	Bolt–CARR
9080026	12	14	4	Screw–HH
9080026	15	50	1	Screw–HH
9080196	15	8	1	Screw–HH
9080356	1	7	1	Screw–HH
9080356	22	7	1	Screw–HH
9080376	3	21	2	Screw–HH
9080406	22	10	2	Screw–HH
9104784	20	5	2	Screw
9107834	6	16	2	Screw–Phcr
9107922	6	7	4	Screw–Phcr
9107944	20	8	2	Screw–Phcr

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
9108074	18	4	5	Screw
9108074	19	4	5	Screw
9108372	4	5	12	Screw–Phcr
9108372	5	7	2	Screw–Phcr
9108392	4	4	6	Screw–Phcr
9109484	4	19	2	Screw–Phcr
9109484	9	42	2	Screw–Phcr
9109484	10	41	2	Screw–Phcr
9114584	9	21	1	Screw–HH
9157324	4	22	2	Nut–Lock
9157324	9	40	2	Nut–Lock
9157324	10	43	2	Nut–Lock
9157324	20	1	2	Nut–Lock
9157404	6	11	4	Nut
9157404	20	12	2	Nut
9201604	6	17:2	1	Washer–Lock
9202164	3	19	1	Washer
9202254	16	8	2	Washer–Flat
9202324	7	23	1	Washer–10 GA
9202414	10	4	1	Washer–Flat
9202424	2	4	4	Washer–Flat
9202624	3	5	1	Washer–Flat
9202704	4	8	4	Washer–Flt
9266714	1	6	2	Screw–HWHTF
9266714	20	6	4	Screw–HWHTF
9266944	4	18	10	Screw–HH
9266944	5	15	1	Screw–HH
9266944	9	27	1	Screw–HH
9266944	11	9	10	Screw–HH
9266944	20	20	4	Screw–HH
9266974	19	8	2	Screw–HH
9321204	7	3	1	Pin–Clevis
9329974	7	20	1	Pin–Clevis
9335044	9	28	1	Hairpin
9335054	8	1	2	Hairpin
9335054	13	21	1	Hairpin
9335054	17	10	1	Hairpin
9335064	12	23	1	Hairpin
9335074	8	16	2	Hairpin
9791204	17	6	2	Spacer
NN10082	39	8	8	Lock–Valve Spring
NN10132	33	20	1	Nut(P220g)
NN10143	30	7	1	Filter–Oil
NN10176	33	2	1	Wrapper–Element
NN10187	33	17	1	Tube–Air Intake
NN10190	33	19	1	Gasket
NN10233	36	11	1	Lever–Choke
NN10274	39	60	1	Switch–High Temp.
NN10277	20	9:2	1	Fuse–30 Amp
NN10302	37	4	1	Line–Fuel 7”
NN10306	35	18	1	Hose–Fuel 30”
NN10362	35	4	1	Washer–Flat
NN10370	39	19	2	Screw–HH
NN10373	30	4	2	Screw–HH
NN10375	35	12	4	Screw–HH
NN10379	29	7	4	Screw–HH
NN10390	33	13	1	Screw–HFW
NN10446	33	6	1	Cover–Cleaner
NN10447	33	22	1	Hose(P220g)
NN10448	29	11	1	Tube–Fill (P220g)
NN10545	31	25	4	Screw–HH
NN10545	32	12	1	Screw–HH

*Not Illustrated

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Part No.	Page No.	Ref. No.	Qty.	Description
NN10545	35	15	2	Screw–HH
NN10773	28	11	1	Crankshaft(P220g)
NN10774	33	1	1	Element–Air Cleaner
NN10790	37	3	1	Line–Fuel 12”
NN10821	39	21	1	Cover–Valve
NN10825	31	27	1	Kit–Gearcase
NN10826	31	3	1	Shaft & Arm Governor
NN10830	36	7	1	Plug–Cap
NN10832	26	22	1	Bracket–Governor Adjust
NN10894	30	9	1	Drain–Oil Filter
NN10924	39	61	1	Washer–Lock
NN10929	25	12	1	Kit–Mounting Bracket
NN10930	25	9	1	Cap–Starter Solenoid
NN10932	34	13	1	Spring–Governor
28–8080	18	2	1	Boot–Terminal
38–1420	11	26	1	Switch–Seat
49–2040	14	4	3	Screw–HH
55–3570	19	7	1	Cap–Fuel
56–2800	24	1	1	Screw–hh
56–2810	24	2	1	Bearing–Ball
56–2820	24	3	2	Seal–Oil
56–2850	24	6	1	Ring–Seal
56–2860	24	7	1	Plate–Pump
56–2870	24	8	1	Ring–Seal
56–2880	24	10	2	Button
56–2890	24	11	1	Pin–Dowel
56–3090	24	5	4	Ring–Retaining
57–8000	39	59	2	Bearing–Camshaft
57–8010	39	27	1	Gasket–Bearing Plate
57–8020	39	52	1	Bearing–Crankshaft
57–8030	39	52	1	.010” Undersize
57–8050	39	29	1	Bearing–Crankshaft Rear
57–8060	39	29	1	.010” Undersize
57–8090	29	5	1	Gasket–Base
57–8130	28	12	1	Gear–Crankshaft
57–8140	28	13	1	Washer–Gear
57–8150	27	1	1	Screw–HH
57–8160	39	35	2	Washer–Thrust
57–8170	39	28	A/R	Shim–Crankshaft .005”
57–8180	27	6	1	Gear–Ring
57–8210	28	5	1	Gear–Camshaft
57–8230	28	6	1	Washer–Thrust
57–8280	39	18	2	Gasket–Cover
57–8330	39	38	2	Gasket–Head
57–8420	39	43	2	Rod–Conn
57–8430	39	2	2	Rod–Conn
57–8440	39	43	2	Rod–Conn
57–8450	39	9	4	Tappet–Valve STD
57–8460	39	58	1	Kit–Gasket Oil Pump
57–8470	39	3	1	Plunger–Bypass Valve
57–8480	39	54	1	Pump–Oil
57–8490	29	4	1	Cup–Intake
57–8580	39	11	1	Baffle–Breather Tube
57–9080	37	5	1	Pump–Fuel
57–9090	28	1	1	Ring–Retaining
57–9100	34	8	1	Spring–Governor
57–9120	34	9	1	Bushing–Control Arm
57–9120	34	16	1	Bushing–Control Arm
57–9130	28	2	1	Hub–Governor Cup
57–9150	34	3	1	Bracket–Cable
57–9170	36	9	1	Swivel–Choke Lever
57–9180	36	3	1	Link–Choke

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
57–9190	34	2	2	Clamp–Cable
57–9190	36	4	1	Clamp–Cable
57–9210	14	21	2	Gasket–Manifold
57–9340	32	8	2	Plug–Spark
57–9350	32	9	2	Cable–Spark Plug 23”
57–9360	39	52	1	.002” Undersize
57–9430	31	12	1	Regulator–Voltage 20 Amp
57–9550	31	21	1	Clamp–Vacuum Port Cap
57–9570	31	5	1	Seal–Oil
57–9580	31	26	1	Seal–Oil
57–9590	39	31	1	Seal–Oil
57–9610	29	12	1	O–Ring
57–9620	35	5	1	O Ring
57–9630	31	7	1	Bearing–Ball Gov Shaft
57–9640	28	4	1	Ball–Governor
57–9650	31	6	1	Bearing–Governor Shaft
57–9660	28	8	1	Key–Woodruff
57–9660	28	15	1	Key–Woodruff
57–9690	39	25	1	Plug–Welch
57–9700	35	6	1	Clip–Retaining
57–9710	28	14	1	Ring–Retaining
57–9720	39	48	4	Ring–Retaining
57–9740	39	20	2	Washer–Flat
57–9750	30	3	2	Washer–Flat
57–9750	31	24	5	Washer–Flat
57–9760	39	2	1	Washer–Flat
57–9770	25	3	2	Washer–Flat
57–9770	39	40	18	Washer–Flat
57–9800	39	52	1	.020” Undersize
59–0010	39	52	1	.030” Undersize
59–0020	39	29	1	.002” Undersize
59–0030	39	29	1	.020” Undersize
59–0040	39	29	1	.030” Undersize
59–0050	39	36	2	Insert–Valve Seat Intake
59–0080	39	36	2	.010” Oversize
59–0100	39	46	2	Insert–Valve Seat Exh
59–0110	39	46	2	.002” Oversize
59–0120	39	46	2	.005” Oversize
59–0130	39	46	2	.010” Oversize
59–0140	39	46	2	.025” Oversize
59–0180	39	39	1	Head–Cylinder RH
59–0250	39	43	2	Rod–Conn
59–0280	39	4	1	Spring–Bypass Valve
59–0290	39	51	1	Tube–Oil
59–0360	31	23	1	Tube–Vacuum Port
59–0370	31	22	1	Cap–Vacuum Port
59–0370	37	8	1	Cap–Vacuum Port
59–0400	28	7	1	Pin–Center
59–0420	31	2	1	Yoke–Governor
59–0430	34	5	1	Spring–Idle Setting
59–0450	28	3	1	Cup–Governor
59–0470	36	1	1	Bracket–Choke Cable
59–0580	26	3	1	Clamp–Wire
59–0590	31	18	2	Terminal–Stator Leads
59–0640	30	5	1	Elbow–Street
59–0720	34	14	1	Pin–Cotter
59–0720	36	10	1	Pin–Cotter
59–0730	39	26	4	Pin–Drive
59–0740	31	9	1	Pin–Dowel
59–0750	39	53	2	Pin Align
59–0790	31	29	1	Stud–Gear Cover
59–0810	27	3	1	Washer–Flat

*Not Illustrated

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Part No.	Page No.	Ref. No.	Qty.	Description
59–0820	26	16	4	Washer–Flat
59–0820	39	22	1	Washer–Flat
59–0830	26	5	6	Washer–Flat
59–0830	34	4	2	Washer–Flat
59–0830	34	20	1	Washer–Flat
59–0850	36	12	1	Washer–Flat
59–0880	39	32	5	Screw–HF
59–0900	39	41	18	Screw–HH
59–0910	39	5	1	Screw–HH
59–0950	31	1	2	Screw–PH
59–0970	26	6	2	Screw–HHST
59–0970	32	6	2	Screw–HHST
59–0980	26	4	2	Screw–HHST
59–1000	34	26	3	Screw
59–1030	34	6	1	Screw–Tapping Hex Hd
59–1050	34	12	1	Screw–PH
59–1050	37	7	2	Screw–PH
59–1080	26	9	4	Screw–HF
59–1080	31	11	1	Screw–HF
59–1100	26	21	2	Screw–HH
59–1100	34	11	1	Screw–HH
59–1130	31	28	1	Nut
59–1180	33	14	1	Capacitor
62–2730	25	13	1	Kit–Bushing
62–2740	25	11	1	Starter Brush Kit
62–2760	25	1	1	Kit–Starter Hardware
62–2770	25	7	1	Kit–Starter Shift Lever
62–7770	6	9	2	Key–Ignition
66–0120	6	8	2	Knob
71–5730	29	8	1	Base–Oil
71–5770	39	37	2	Valve–Intake
71–5780	39	45	2	Spring–Clutch
71–5790	39	6	4	Spring–Valve
71–5800	39	7	4	Washer–Valve Spring
71–5810	39	39	1	Head–Cylinder LH
71–5830	39	17	4	Cap–Valve
71–5920	27	5	1	Flywheel Incl 6
71–5960	37	2	1	Filter–Fuel
71–5980	35	16	2	Gasket–Manifold
71–5990	32	1	1	Cover–Plunger
71–6010	32	13	1	Rotor–Ignition
71–6040	25	2	1	Starter Incl 1–13
71–6060	32	10	1	Clip–Wire
71–6140	33	16	1	Grommet–Rubber
71–6170	29	9	1	Seal–Oil
71–6180	39	23	2	Seal–Valve
71–6190	27	7	1	Key–Flywheel
71–6220	26	7	1	Clip–Wire
71–6220	32	11	2	Clip–Wire
71–6220	35	19	1	Clip–Wire
71–6220	37	9	1	Clip–Wire
71–6250	39	24	2	Guide–Valve
71–6260	39	24	2	Guide–Valve
71–6290	39	57	1	Kit–Gasket Complete
71–6310	39	49	2	Pin–Piston
71–6320	28	9	1	Camshaft(P220g)
71–6340	27	8	6	Screw
71–6360	31	8	1	Gasket
71–6380	30	14	1	Control–Ignition
71–6400	30	10	2	Screw–HFW
71–6400	31	17	2	Screw–HFW
71–6410	31	15	1	Insulator–Ignition

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
71–6430	32	5	1	Nut–HHF
71–6440	33	4	1	Nut–HHF
72–3880	36	2	1	Screw–HF
72–3890	34	17	1	Screw–HH
72–3890	36	8	1	Screw–HH
72–3900	34	1	1	Screw–TAP
72–3900	36	5	1	Screw–TAP
72–3930	25	8	1	Kit–Starter Solenoid
72–3940	25	6	1	Clutch–Starter
72–3950	25	5	1	Seal–Dust
76–1340	11	34	1	Decal–USA
78–0030	6	6	1	Voltmeter
78–0040	6	2	1	Gauge–Fuel
78–0060	6	1	1	Tachometer
78–0080	6	2:3	1	Bracket–Mounting
78–0080	6	6:3	1	Bracket–Mounting
78–0090	6	1:3	1	Bracket–Mounting
78–0100	6	5:3	1	Bracket–Mounting
78–1411–03	3	7	1	Support–Steering
78–1450	3	10	1	Countershaft ASM
78–1481	3	4	1	Pinion–Spur
78–1490–03	2	6	1	Shaft ASM
78–1531	3	6	3	Shim–.010
78–1540–03	4	31	1	Bracket–Control
78–2990–03	11	13	1	Plate–Seat Pivot
78–5640	7	17	1	Valve Actuator Bar ASM
78–5711	9	9	1	Bracket–Control
78–6020	10	23	1	Idler Arm ASM
78–7740–03	15	25	1	Pivot Arm–Brake
78–8350	4	43	1	Decal–Indicator Lights
78–8500–03	10	2	1	Pawl–Parking Brake
79–0450	6	19	4	Lamp–Mini
79–2130	6	13	1	Circuit Board–8 Light
79–2660	6	5	1	Gauge–Vacuum
79–3630	20	9	1	Wire Harness
79–4020–03	20	22	1	Plate–Front
79–4890–03	4	23	1	Panel–Side LH
79–4990–03	19	19	1	Bracket–Support
79–5020	15	27	1	Tube–Filter To Pump
79–5120–03	4	29	1	ASM–Hoodstand
79–5130–01	5	6	1	Cover–Side L.h.
79–5270	15	13	1	Filter–Oil
79–5700	8	23	1	Lever–Lift
79–5720	8	5	1	Trunnion
79–6330	33	11	1	Housing–Air Cleaner
79–6340	33	12	1	Support–Air Cleaner
79–6390	34	23	1	Bracket–Governor Cont
79–6400	34	22	1	Bushing–Governor Cont
79–6420	34	10	1	Adapter–Governor Arm
79–6440	27	4	1	Screen–Air Inlet
79–6460	29	2	1	Bracket–Fill Tube
79–6470	30	1	1	Gasket–Adapter
79–6490	32	14	1	Gasket–Plate
79–6510	33	3	1	Spacer–Stud
79–6520	33	4	1	Spacer–Nylon
79–6580	25	4	2	Screw
79–6770–03	4	6	1	Plate–Top Hoodstand
82–0020	39	30	1	Plate–Bearing
82–0500	30	2	1	Adapter–Oil Filter
82–0530	39	12	1	Clamp–Tube
82–0540	39	10	1	Tube–Breather
82–0550	39	15	1	Cap & Valve–Breather

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
82–0560	39	14	2	Screen–Tube
82–0570	39	13	1	O–Ring–Cap
82–0620	26	18	1	Guard–Stationary
82–0650	33	8	1	Cover–Inner
82–0680	30	8	1	Filter–Gasket Oil
82–0850	35	11	1	Gasket–Carb/Manifold
82–1000	31	13	2	Body–Term Conn Kit
82–1070	35	3	1	Fitting–Barbed
82–1070	35	3	1	Fitting–Barbed
82–1080	35	2	2	Clamp–Hose .50” Dia
82–1080	37	1	6	Clamp–Hose .50” Dia
82–1090	35	2	1	Clamp–Hose .44” Dia
82–1120	35	1	1	Hose–Breather
82–1130	29	10	2	Plug
82–1310	29	6	4	Washer–Flat
82–1310	39	33	5	Washer–Flat
82–1320	27	2	1	Washer–Flat
82–1340	32	2	2	Washer
82–1340	39	55	2	Washer
82–1350	35	13	6	Washer
82–1360	32	3	2	Screw–HH
82–1370	34	18	1	Screw–HH
82–1370	39	56	2	Screw–HH
82–1480	39	16	1	Screw–PH
82–1500	31	20	3	Screw–HH
82–1540	26	8	1	Bolt–HH
82–1540	35	17	1	Bolt–HH
82–1550	33	9	2	Screw–HFW
82–1560	29	1	1	Screw
82–1590	26	20	4	Screw–PH Torx
82–1600	26	2	2	Screw–HF
82–1620	34	19	1	Washer–Lock
82–1660	31	16	2	Washer–Lock
82–1670	33	5	1	Nut–Wing
82–1690	33	15	1	Nut–HFW
82–1700	29	3	1	Nut–Speed
82–1800	39	42	2	Piston STD INCL 48–49
83–2720	16	2	10	Bolt–Lug
83–2820	10	40	1	Spring–Extension
83–6520	17	16	1	Rod–Lock
88–2790	15	42	1	Decal–Danger
88–2790	21	16:2	1	Decal–Danger
88–3240	3	20	1	Block–Bearing
88–3870	3	17:1	1	Cover–Steering Wheel
92–0900	39	1	1	Block–Cyl.(Short)(P220g)
92–0902	39	42	2	.010” Oversize
92–0903	39	42	2	.020” Oversize
92–0904	39	42	2	.030” Oversize
92–0905	39	50	2	Kit–Ring Piston STD
92–0906	39	50	2	.005” Oversize
92–0907	39	50	2	.010” Oversize
92–0908	39	50	2	.020” Oversize
92–0909	39	50	2	.030” Oversize
92–0911	28	10	1	Sleeve–Bearing
92–0915	33	10	2	Screw–HH
92–0916	36	6	1	Screw–Shoulder
92–0918	35	14	1	Manifold–Intake(P220g)
92–0920	26	1	1	Housing–Cylinder Air LH
92–0921	26	12	1	Housing–Cylinder Air RH
92–0922	34	7	1	Arm–Governor Control
92–0967	31	19	1	Stator
92–0995	3	15	1	Shaft–Upper

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
92–5935	25	10	1	Nut
92–7298	21	16	1	Casehalf Decal ASM
92–8747	17	29	2	Decal–Attach A Matic
92–8946	4	41	1	Decal–Danger
92–9513	19	20	1	Line–Fuel 47”
92–9826	1	24	1	Decal–Hood
92–9827	11	36	1	Decal–Fender
92–9833	4	39	2	Decal–520 Hydro
92–9834	1	27	1	Decal–Hood LH
92–9835	1	25	1	Decal–Hood RH
92–9838	4	46	1	Decal–Danger
92–9844	6	3	1	Switch–Light
92–9848	22	1	1	Trans–Hydro
93–1613	17	22	1	Latch–Front
93–9806	16	10	2	ASM–Wheel & Tire
93–9807	16	10:4	2	Seal–Oil
94–1802	7	28	1	Tube ASM–Hyd Return
94–1803–03	14	3	1	Baffle–Deflector
94–1834	15	43	1	Decal–Unidrive
94–1839	4	21	1	Sensor–Air Clnr Vacuum
94–1843	35		1	Kit–Repair
94–1844	35		1	Kit–Repair
94–1847	35	10	1	Kit–Carburetor(P220g)
94–1848	35	11	1	Jet–Altitude
94–1849	6	4:2	1	Cup–Retainer
94–3518	11	8	1	Seat V–811
94–3519	3	17	1	Wheel–Steering
94–3521–01	5	17	1	Footrest–RH
94–3522–01	5	9	1	Footrest–LH
94–3701	13	2	1	Rod–PTO Control
94–3704	12	21	1	Cover–PTO/Belt
94–3707–01	9	32	1	Pedal–Brake
94–3710	5	1	1	Mat–Foot
94–3712	5	2	1	Mat–Foot
94–3717	16	18	2	Hubcap ASM
94–3718	16	17	2	Hubcap ASM
94–3722–01	11	22	1	Fender
94–3723	6	4	1	Hourmeter
94–3726–03	12	18	1	Bracket–Cover
94–3727	13	1	1	Knob–PTO
94–3730	16	4	2	Hubcap–8”
94–3730	16	18:1	2	Hubcap–8”
94–3731	16	1	2	Hubcap–12”
94–3731	16	17:1	2	Hubcap–12”
94–3735	12	22	2	Nut–Wing
94–3736	1	23	1	Plate–Logo
94–3736	16	16	4	Plate–Logo
94–3736	16	17:2	2	Plate–Logo
94–3736	16	18:2	2	Plate–Logo
94–6650	12	8	1	Plate–Clutch
94–6652	13	22	1	Brake ASM
94–6654–03	9	36	1	Rod–Brake
94–6664	14	2	1	Shield–Heat
94–6668	9	3	1	Knob–Control
94–6674–01	2	7	1	Frame
94–6678	15	34	1	Transaxle/Decal
94–6680	31	4	1	Clip
94–6680	35	9	1	Clip
94–6683	9	43	1	Sleeve–Protective
94–6688	10	15	1	Spacer–Plate
94–6692–03	19	18	1	Bracket–Support
94–6693–03	19	12	1	Bracket–Support

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
94–6694	7	13	1	Knob–Lift
94–6697	7	19	1	Hose–Hydraulic
94–6698	7	25	1	Hose–Hydraulic
94–6699	7	32	2	Adaptor–Hose
94–9729	16	1:1	8	Clip–Hubcap
94–9729	16	4:1	6	Clip–Hubcap
95–2844	32	7	1	Coil–Battery Ignition
95–7688	35	7	1	Rod–Governor Control
95–7689	35	8	1	Spring–Governor Rod
95–7691	14	7	1	Engine–Onan
95–7692	35		1	Harness–Wire
95–7696–01	5	16	1	Guard–Belt
95–7697	39	44	4	Bolt–Connecting Rod
95–7698	39	47	4	Nut
98–1701	26	10	2	Bracket–Lift
98–1702	26	17	1	Housing–Blower
98–1703	30	6	1	Switch–Pressure
98–1704	29	13	1	Indicator–Oil Level
98–1706	29	14	1	Adapter–Oil Fill
101711–01	17	25	1	Plate–Hitch
102644–01	17	3	2	Plate–Hitch
103478–01	12	7	1	Housing–Clutch
105763–03	15	46	2	Hub–Wheel
108325–03	15	10	1	Arm–Speed Control
108329–03	22	27	1	Plate–Control
109367–03	1	15	1	Bracket–Brake
109367–03	22	15	1	Bracket–Brake
109554–03	20	18	1	Bracket–Guard
110768–03	15	1	1	Dipstick
111201–01	21	14	1	Case–Transaxle
112764–01	2	16	1	W.a.–Spindle
112765–01	2	17	1	W.a.–Spindle
112771–01	2	24	2	Balljoint–LH Thread
112772–01	2	11	2	Balljoint–RH Thread
112773–01	2	22	2	Tube
113023–03	4	1	1	Bracket–Fender
113454–03	9	15	1	ASM–Cam Control
113874–03	13	13	1	Bracket–PTO
113927–01	21	16	1	Case–Transaxle
113927–01	21	16:1	1	Case–Transaxle
113928–03	4	17	1	Plate–Hoodstand
113932–03	4	25	1	Stiffener–Panel
113962–03	4	32	1	Panel–Side
114215–03	14	20	1	Cover–Exhaust Front
114216–03	14	6	1	Cover–Exhaust Rear
114263–03	11	23	2	Spring–Seat
114345–01	11	17	1	Bracket–Gas Spring
114641–03	6	12	1	Stop–Choke
116305–03	7	9	1	Bracket–Control
116309–03	4	28	1	ASM–Support
116609–03	14	14	1	Plate–Engine
116823–01	2	12	1	Axle–Front
117191–03	4	34	1	Bracket–Holder
117267–03	4	13	1	Panel ASM
120400–03	8	22	1	Bar–Lift
1644–01	17	7	1	Hitch ASM
237–69	3	16	1	O–Ring
2412–98	19	21	2	Clamp–Hose
254–94	16	9	2	Cone–Bearing
254–94	16	10:3	2	Cone–Bearing
281–10	21	17	2	Plug–Pipe
288–4	14	11	1	Cap–Pipe

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
302−5	2	13	6	Fitting−Grease
302−5	9	34	1	Fitting−Grease
302−11	2	14	1	Fitting−Grease
302−11	3	9	1	Fitting−Grease
302−16	3	23	1	Fitting−Grease
321−4	7	11	1	Screw−HH
321−4	9	10	2	Screw−HH
321−4	18	3	2	Screw−HH
321−6	10	39	1	Screw−HH
321−8	11	25	2	Screw−HH
321−9	9	20	1	Screw−HH
321−11	7	26	2	Screw−HH
322−1	2	8	1	Screw−HH
322−2	4	26	2	Screw−HH
322−2	8	13	1	Screw−HH
322−2	19	15	2	Screw−HH
322−3	4	27	8	Screw−HH
322−3	14	23	4	Screw−HH
322−3	15	37	2	Screw−HH
322−3	19	17	4	Screw−HH
322−4	11	10	6	Screw−HH
322−5	4	3	2	Screw−HH
322−6	8	3	1	Screw−HH
323−6	2	3	2	Screw−HH
323−6	12	19	1	Screw−HH
323−6	13	12	1	Screw−HH
323−6	13	15	2	Screw−HH
323−6	14	12	4	Screw−HH
323−7	15	33	4	Screw−HH
323−8	3	8	4	Screw−HH
323−8	10	8	1	Screw−HH
323−8	10	30	1	Screw−HH
323−8	14	19	4	Screw−HH
323−9	10	7	1	Screw−HH
323−9	15	29	1	Screw−HH
323−15	22	8	2	Screw−HH
323−23	9	24	1	Screw−HH
323−25	22	14	3	Screw−HH
323−26	22	11	1	Screw−HH
323−44	17	1	6	Screw−HH
3217−5	9	14	1	Nut−Hex
3217−5	10	24	1	Nut−Hex
3217−27	6	1:1	3	Nut−HH
3217−27	6	2:1	3	Nut−HH
3217−27	6	5:1	2	Nut−HH
3217−27	6	6:1	1	Nut−HH
3218−1	13	9	2	Nut−Hex Jam
3218−3	15	45	4	Nut−HJ
3220−1	9	11	3	Nut−HH
3220−11	2	20	2	Nut−HJ
3229−25	1	14	4	Screw−CARR
3229−25	13	20	2	Screw−CARR
3230−1	5	12	1	Bolt−CARR
3231−25	17	26	3	Screw−CARR
3235−22	15	21	1	Screw−HH
3235−22	19	10	2	Screw−HH
3243−5	15	44	4	Screw−Set
3245−32	9	33:1	1	Screw−Set
3246−2	12	11	2	Screw−HSH
3247−4	39	34	2	Screw−HS
3250−31	11	31	4	Screw−Phcr
3253−2	31	10	3	Washer−Lock #10

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
3253–3	13	10	2	Washer–Lock
3253–4	2	9	1	Washer–Lock
3253–4	14	22	4	Washer–Lock
3253–4	15	38	2	Washer–Lock
3253–4	19	14	2	Washer–Lock
3253–5	39	33	5	Washer–Lock
3253–15	6	15	2	Washer–Lock
3253–17	19	5	5	Washer–Lock
3253–21	13	14	2	Washer–Lock
3253–21	15	32	4	Washer–Lock
3254–1	11	29	4	Washer–Lock
3254–8	3	22	1	Washer–Lock
3255–9	14	31	6	Washer–Lock
3255–25	6	1:2	3	Washer–Lock
3255–25	6	2:2	3	Washer–Lock
3255–25	6	5:2	2	Washer–Lock
3255–25	6	6:2	1	Washer–Lock
3256–4	10	9	2	Washer–Flat
3256–4	15	24	1	Washer–Flat
3256–4	19	9	2	Washer–Flat
3256–21	6	14	2	Washer–Flat
3256–22	1	12	4	Washer–Flat
3256–22	9	19	2	Washer–Flat
3256–22	11	15	2	Washer–Flat
3256–22	13	11	2	Washer–Flat
3256–23	4	2	8	Washer–Flat
3256–23	7	15	2	Washer–Flat
3256–23	8	20	1	Washer–Flat
3256–23	11	11	4	Washer–Flat
3256–24	9	25	2	Washer–Flat
3256–24	14	18	4	Washer–Flat
3256–24	15	22	2	Washer–Flat
3256–26	3	3	1	Washer–Flat
3256–26	8	2	1	Washer–Flat
3256–26	15	12	1	Washer–Flat
3256–26	17	9	1	Washer–Flat
3256–27	12	24	1	Washer–Flat
3256–62	8	10	2	Washer–Flat
3257–24	15	30	1	Key–Woodruff
3272–1	1	16	2	Pin–Cotter
3272–1	7	2	1	Pin–Cotter
3272–6	15	19	2	Pin–Cotter
3272–7	2	5	4	Pin–Cotter
3272–10	9	37	1	Pin–Cotter
3272–10	13	5	3	Pin–Cotter
3272–11	3	1	1	Pin–Cotter
3272–11	7	21	1	Pin–Cotter
3272–12	16	7	2	Pin–Cotter
3272–21	3	11	1	Pin–Cotter
3272–22	3	18	1	Pin–Cotter
3290–378	1	22	1	Tie–Cable
3290–378	4	37	2	Tie–Cable
3290–479	5	3	16	Fastener–Panel
3296–4	9	39	1	Nut–Lock
3296–8	7	31	1	Nut–Lock
3296–8	9	12	1	Nut–Lock
3296–8	9	44	3	Nut–Lock
3296–8	11	14	2	Nut–Lock
3296–27	11	28	4	Nut–Lock
3296–29	4	16	18	Nut–Lock
3296–29	5	11	5	Nut–Lock
3296–29	7	14	2	Nut–Lock

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
3296−29	8	8	2	Nut−Lock
3296−29	11	4	6	Nut−Lock
3296−29	11	24	4	Nut−Lock
3296−29	19	13	4	Nut−Lock
3296−39	2	1	2	Nut−Lock
3296−39	3	24	4	Nut−Lock
3296−39	8	6	1	Nut−Lock
3296−39	9	31	1	Nut−Lock
3296−39	10	18	1	Nut−Lock
3296−39	14	17	8	Nut−Lock
3296−39	15	23	1	Nut−Lock
3296−39	17	24	3	Nut−Lock
3296−39	22	3	6	Nut−Lock
3296−42	1	11	4	Nut−Lock
3296−42	7	5	2	Nut−Lock
3296−42	10	26	1	Nut−Lock
3296−42	18	12	2	Nut−Lock
3296−45	15	11	1	Nut
3296−59	13	18	1	Nut−Lock
32103−22	18	11	2	Nut−Wing
32115−5	4	11	12	Nut−Retainer
32120−47	8	18	1	Ring−Retaining
32120−47	9	23	3	Ring−Retaining
32120−47	10	19	1	Ring−Retaining
32120−62	12	4	1	Ring−Retaining
32120−64	22	6	1	Ring−Retaining
32120−72	12	3	2	Ring−Retaining
32121−94	9	8	1	Pin−Spirol
32121−111	3	14	1	Pin−Spiral
32128−19	10	1	1	Nut−HF
32128−33	4	12	2	Nut−Hex Flange
32128−40	12	17	1	Nut−HFW
32136−3	3	2	1	Nut−Shh
32136−5	16	6	2	Nut−Hex Slot
32149−9	6	4:1	2	Nut/Washer−Lock
32151−11	13	3	1	Ring−Grip
32151−29	2	21	2	Ring−Ext Snap
32151−91	8	11	2	Ring−Retaining
505−144	2	9	A/R	Oil−Engine
505−144	3	9	A/R	Oil−Engine
505−144	14	9	1.8	Oil−Engine

*Not Illustrated