Form No. 3323–548

1232XL

Lawn Tractor

Model No. 71199–200000001 and Up

Parts Catalog

Ordering Replacement Parts

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

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form **a:b.** The **a** represents the reference number of the entire service assembly and the **b** represents a sequential number unique to each part within the service assembly.

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

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

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form **nX y.** The **n** represents the quantity of the part, the **X** is the multiplication symbol, and the **y** represents the reference number.

For example, in an illustration, the reference number **2X 37** means that two of the parts identified by reference number 37 are indicated.

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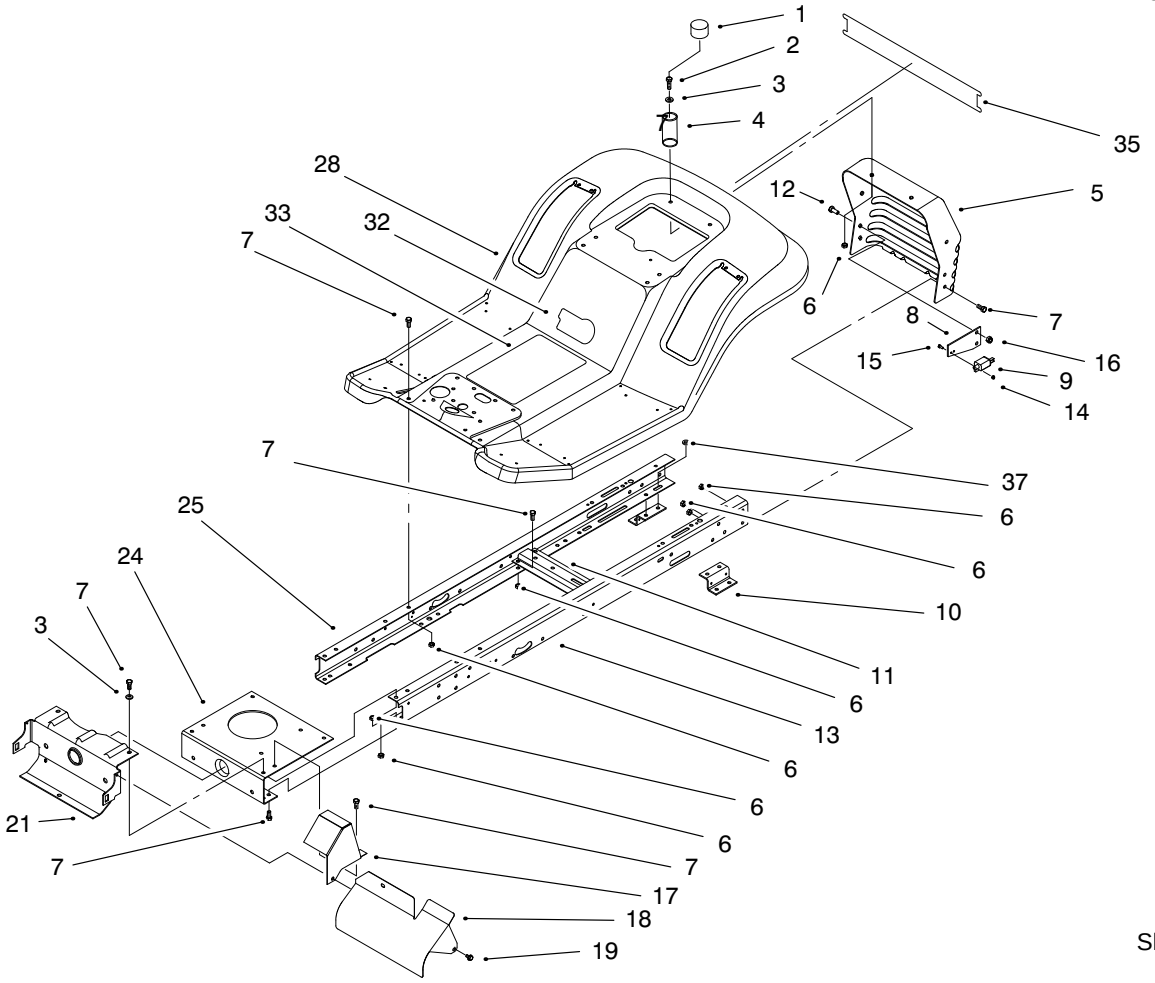
Accessories

Description	Model / Part No.
Easy Empty Bagging Kit	Model 70095 or 79096
Twin Bag Bagger Kit	Model 79085 or 79086
Recycler Kit	Model 59167
Hi–Sail Bagging Blade (Std. on this Model)	Part No. 33–4750
Wet Grass Bagging Kit	Part No. 38–3750
Tire Chains	Part No. 47–7220
Headlight Kit	Model 79180
42” Snowblade Kit	Model 79150
Wheel Weight Kit	Model 59159
Exhaust Deflector Kit	Part No. 94–6872

Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

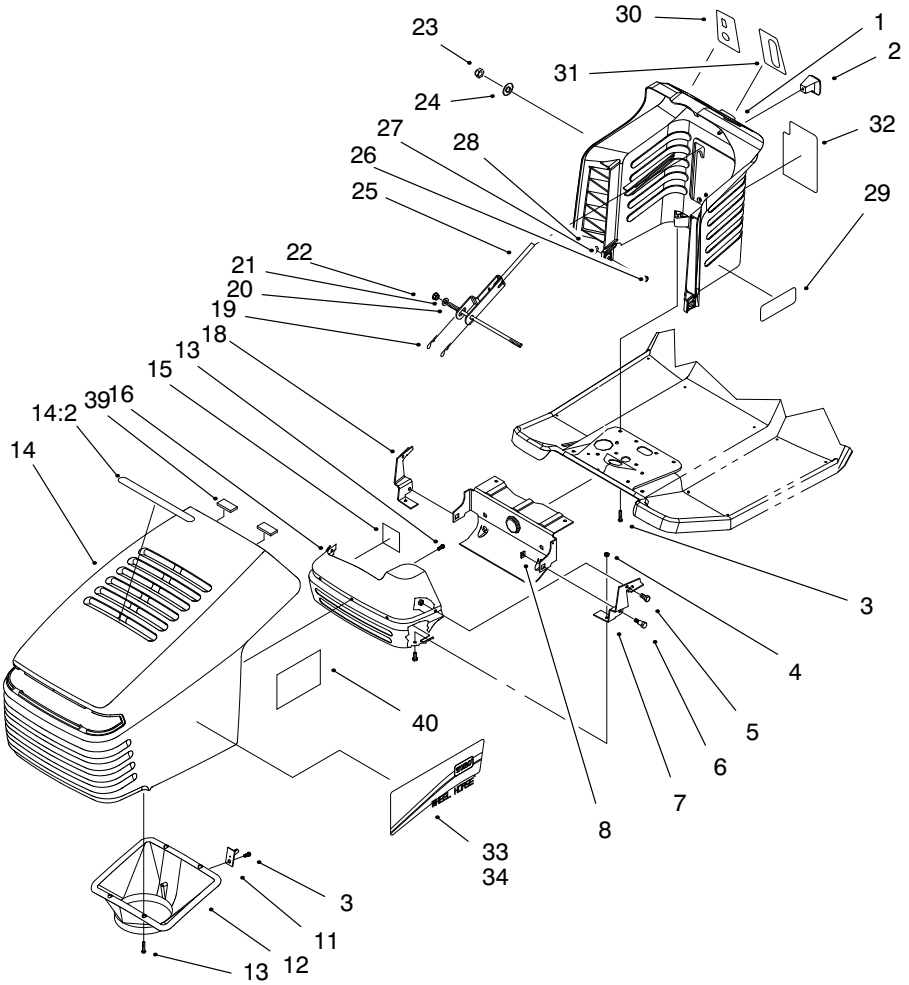


Sheet No.:2

Frame & Body Assembly

Ref. No.	Part No.	Qty.	Description
1	701178	2	Cap–Protector
2	322–5	2	Screw–HH
3	3256–23	4	Washer–Flat
4	88–6220	2	Spring – Compression
5	99–2957–03	1	Panel–Rear Hitch
6	3296–29	24	Nut–Lock
7	322–3	22	Screw–HH
8	99–2953–03	1	Plate–Switch
9	95–1653	1	Switch – Single Pole
10	94–1967–03	2	Brkt–Tran Mntg (Black)
11	88–4620–03	1	Bracket–Idler Pivot
12	322–3	2	Screw–HH
13	99–2958–03	1	Rail– LH Frame
14	3296–1	2	Nut–Lock Ni
15	3290–392	2	Screw – Hex Head Slot
16	3296–29	2	Nut–Lock
17	88–4960–03	1	Shield–Exhaust Pipe
18	88–6290–03	1	Shield–Muffler
19	32104–76	1	Screw–Acorn Slot
21	98–3575–03	1	Support–Front Axle
24	88–4630–03	1	Plate–Eng Mtg
25	99–2959–03	1	Rail– RH Frame
28	99–2971	1	Body ASM–Rear
32	76–1340	1	Decal – USA

Ref. No.	Part No.	Qty.	Description
33	99–6094	1	Decal – Instruction
35	95–0809	1	Decal–Rear Body
37	3256–23	2	Washer–Flat

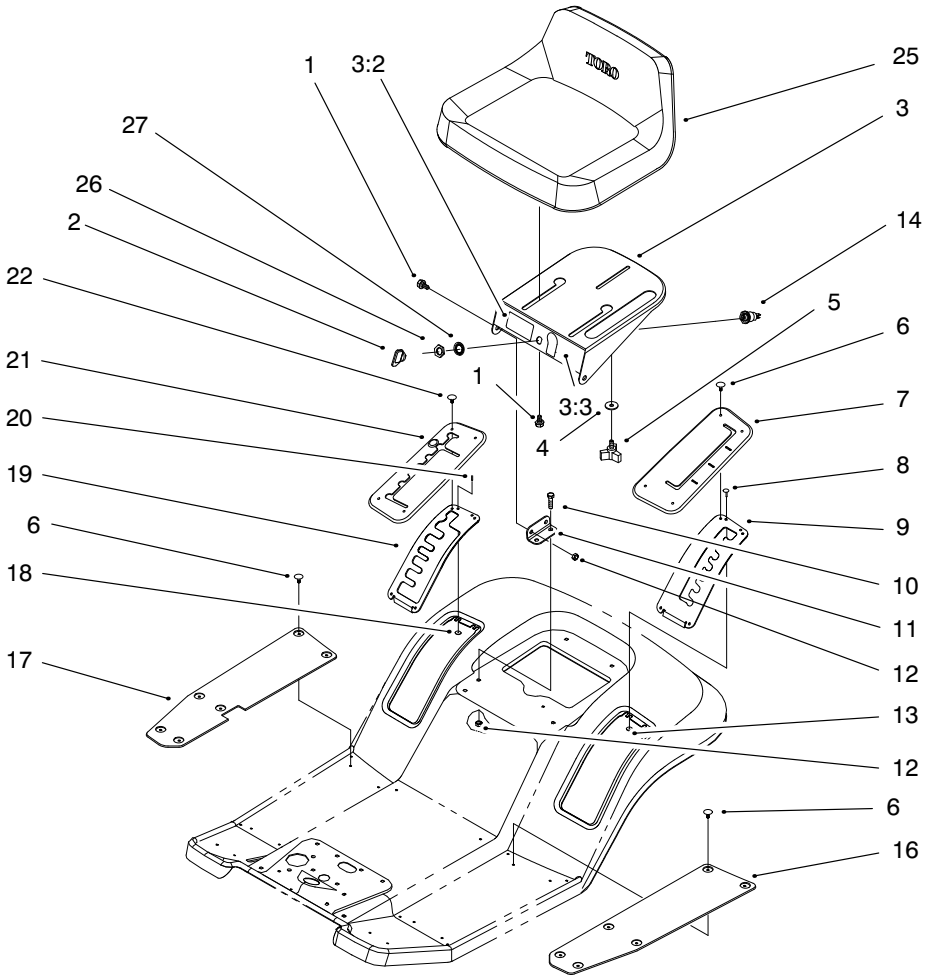


Sheet No.:3

Hood & Tower Assembly

Ref. No.	Part No.	Qty.	Description
1	99–1947	1	Tower–Steering
2	94–5565	1	Knob – Shift
3	46–8091	3	Special–HWH
4	3296–42	4	Nut–Lock
5	321–2	4	Screw–HH
6	28–0540	2	Bolt–Shoulder
7	88–6050–03	1	Bracket–LH Hinge
8	3290–496	2	Nut–Retainer
11	94–1984	1	Latch – Pin
12	88–4050	1	Duct–Air
13	46–8090	7	Screw–Plastite
14	92–8650	1	Hood–V–Chassis Toro
14		1	Hood–w/Decal Toro
14:2	92–5748	1	Decal–Air Duct Toro
15	92–5782	3	Foil Tape
16	88–3930–03	1	Shield–Heat
18	88–6040–03	1	Bracket–RH Hinge
19	3290–307	2	Cotter–Hairpin
20	100–7401	1	Rod–Tower Pivot
21	3256–24	2	Washer–Flat
22	3218–3	2	Nut–Jam
23	100–7402	2	Nut–Cap
24	100–7403	2	Washer–Flat
25	88–5190–03	1	Deck Engage Lev Wa
26	3296–29	2	Nut–Lock

Ref. No.	Part No.	Qty.	Description
27	3256–23	2	Washer–Flat
28	322–3	2	Screw–HH
29	92–2480	2	Decal – 1232xl
30	99–8140	1	Decal–Ignition
31	92–2461	1	Decal – Throttle
32	92–2462	1	Decal – Deck Engage
33	95–0808	1	Decal – Hood Left
34	95–0807	1	Decal – Hood Right
39	94–1980	2	Foam – Hood
40	100–6220	1	Decal–Service, 71199

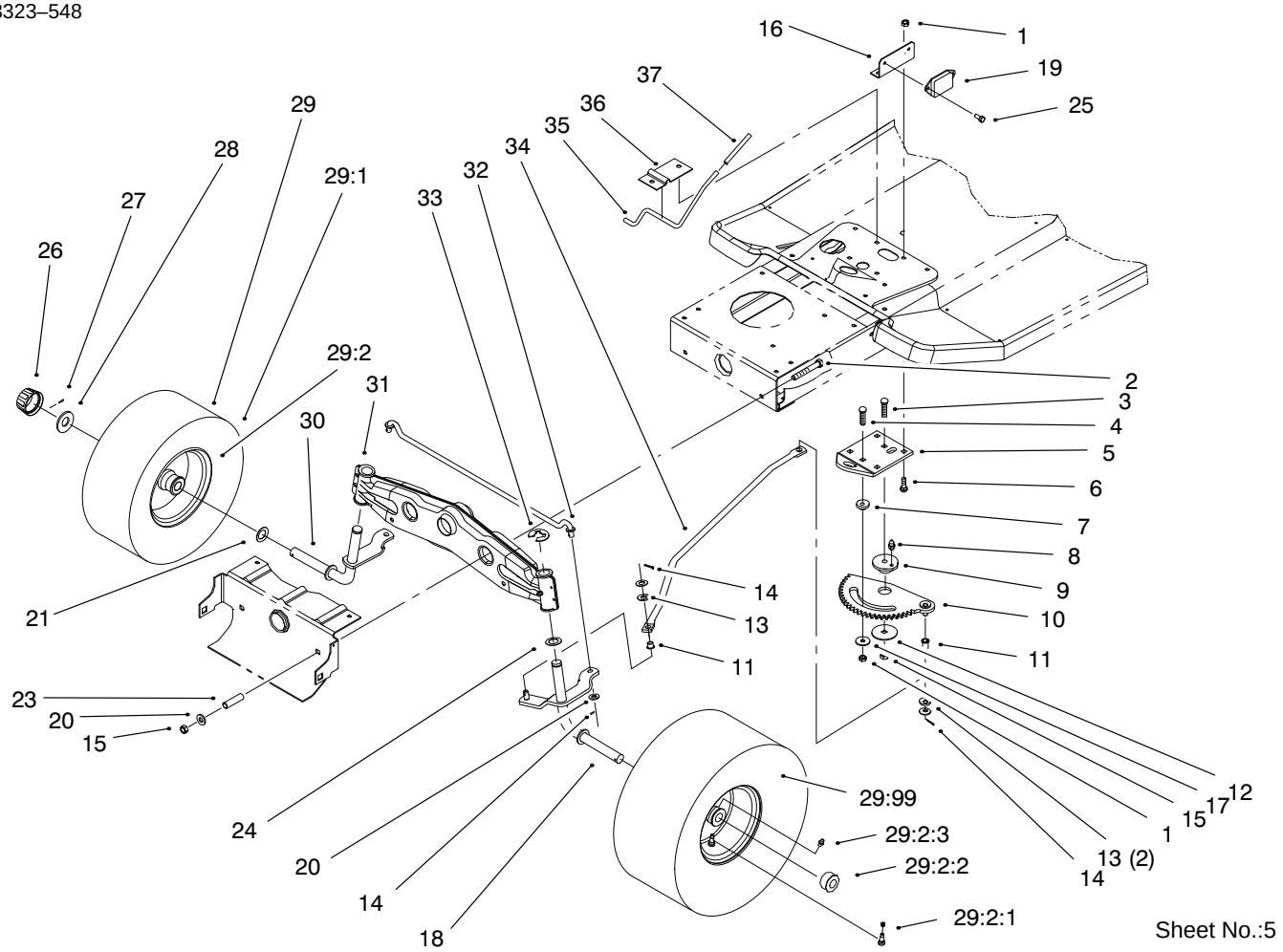


Sheet No.:4

Rear Body & Seat Assembly

Ref. No.	Part No.	Qty.	Description
1	37–8770	4	Bolt–Shoulder
2	63–8360	1	Key–Ignition w/Shield
3	99–5830	1	Support ASM–Seat
3:2	99–2985	1	Decal–Danger
3:3	99–5339	1	Decal–Nmir Switch
4	5–4460	1	Washer–Pivot
5	92–9674	1	Knob
6	3290–479	16	Fastener–Panel
7	88–5170	1	Cover – HOC
8	3290–282	2	Rivet–Stl Pop
9	88–5030–03	1	Gate–HOC
10	322–3	4	Screw–HH
11	88–4820–03	2	Bracket–Seat Hinge
12	3296–29	6	Nut–Lock
13	3269–26	2	Washer–Flat
14	46–5780	1	Switch–Starter
16	88–5240	1	Mat–LH Foot
17	88–5220	1	Mat–RH Foot
18	3269–26	2	Washer–Flat
19	88–5020–03	1	Plate–Shift Gate
20	3290–282	2	Rivet–Stl Pop
21	88–5160	1	Cover–Shift Gate
22	3290–479	4	Fastener–Panel
25	88–4330	1	Seat
26	218–461	1	Nut–HH
27	3254–5	1	Washer–Lock/Int

Ref. No.	Part No.	Qty.	Description

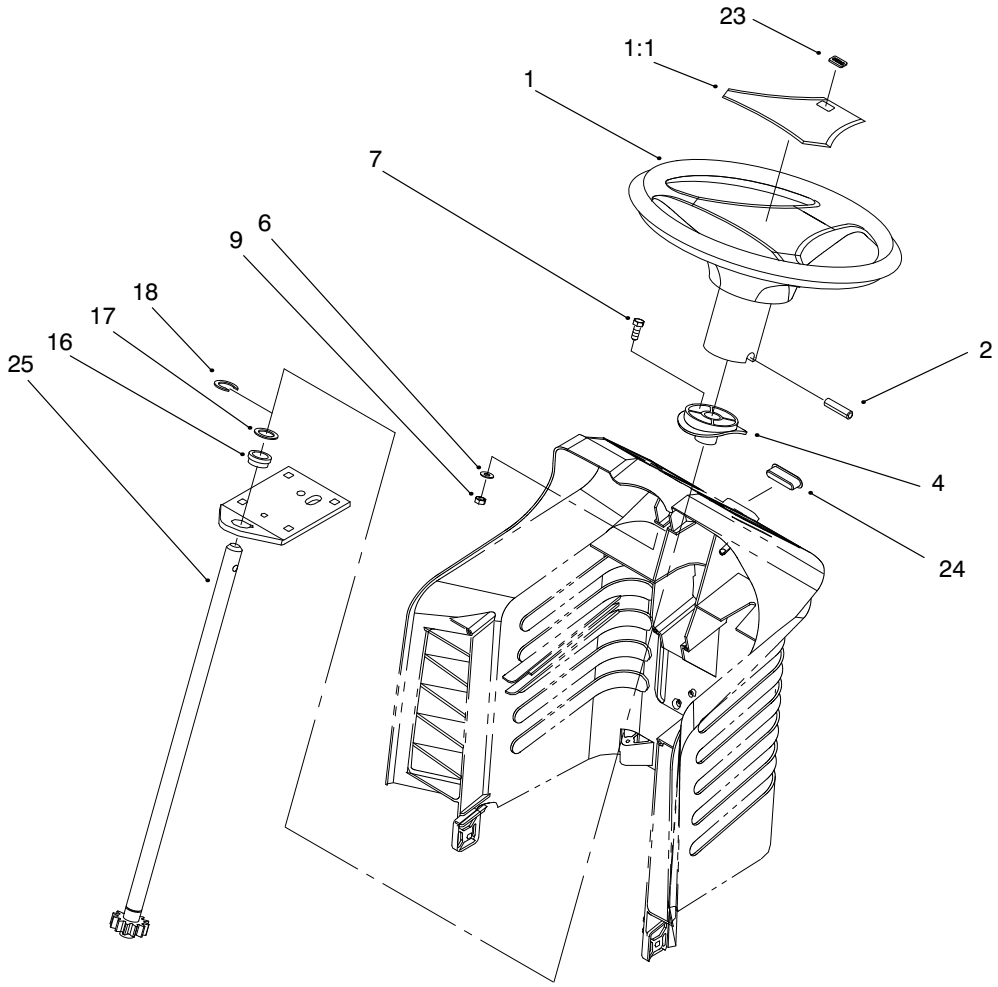


Sheet No.:5

Steering Components Assembly

Ref. No.	Part No.	Qty.	Description
1	3296–29	5	Nut–Lock
2	323–13	2	Screw–HH
3	3231–4	1	Screw–CARR
4	3230–3	1	Screw–CARR
5	88–5130–03	1	Bracket–Steering Rack
6	3230–2	4	Screw–CARR
7	88–5010	1	Spacer – Steering Rack
8	302–26	1	Zerk
9	88–4670	1	Bushing – Eccentric
10	88–5200	1	Steering Rack Wa *B
11	52–2891	2	Bushing–Steering Link
12	111419	1	Bearing–Washer
13	3256–25	4	Washer–Flat
14	3272–10	4	Pin–Cotter
15	3296–39	3	Nut–Lock Ni
16	99–2956–03	1	Bracket–Module
17	5–4460	1	Washer–Pivot
18	92–7890–03	1	LH Spindle Wa
19	99–3700	1	Module–Nmir
20	3256–24	4	Washer–Flat
21	3–6498	4	Washer–Thrust
23	88–5470	2	Spacer–Front Axle
24	3–6498	4	Washer–Thrust
25	9266714	2	Screw–HWH

Ref. No.	Part No.	Qty.	Description
26	61–9780	2	Cap–Hub
27	3272–12	2	Pin–Cotter
28	28–2480	2	Washer
29		2	Wheel&tire ASM–Front
29:1	99–2992	1	Tire
29:2	88–4360	1	Rim Assembly
29:2:1	232–27	1	Stem–Valve
29:2:2	88–4400	2	Bearing – Wheel
29:2:3	302–5	1	Fitting–Lube
29:99	232–38	1	Tube
30	92–7889–03	1	RH Spindle Wa
31	94–1962–03	1	Axle Wa–Front
32	88–5380	1	Tie Rod – Steering
33	32151–48	2	E–Ring
34	88–4830	1	Link–Drag
35	88–5510	1	Rod–Parking Brake
36	88–5520–03	1	Bracket–Parking Brake
37	88–0890	1	Grip–Bag Handle

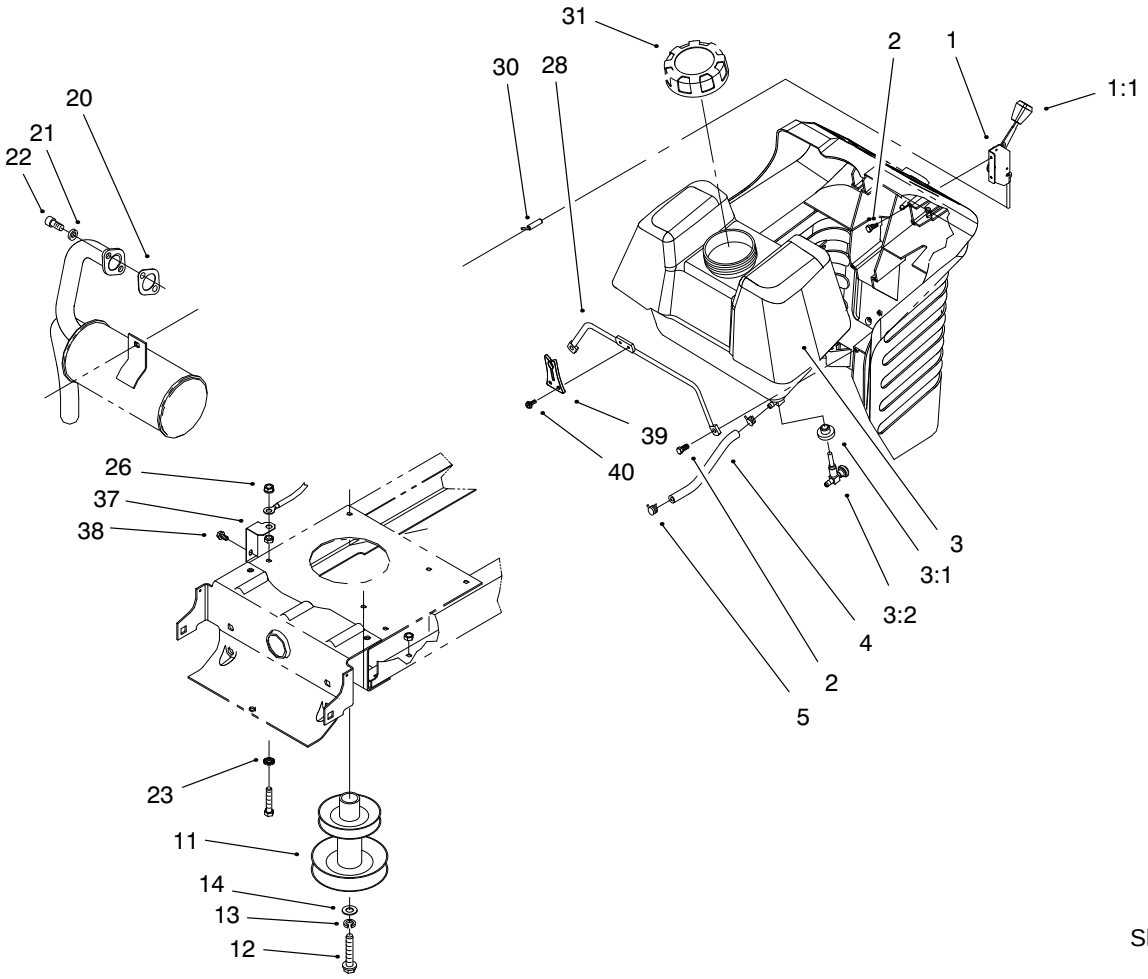


Sheet No.:7

Fixed Steering Assembly

Ref. No.	Part No.	Qty.	Description
1	98–1467	1	Wheel – Steering
1:1	98–1468	1	Cover – Wheel, Steering
2	32121–111	1	Pin–Roll
4	88–4190	1	Bushing – Sliding
6	3256–22	2	Washer–Flat
7	321–4	2	Screw–HH
9	3296–42	2	Nut–Lock
16	88–5150	1	Bearing–Flange
17	3–6498	1	Washer–Thrust
18	32151–48	1	E–Ring
23	98–1459	1	Decal – Toro
24	88–4150	1	Plug
25	88–6380	1	Long Steering Shaft Wa

Ref. No.	Part No.	Qty.	Description

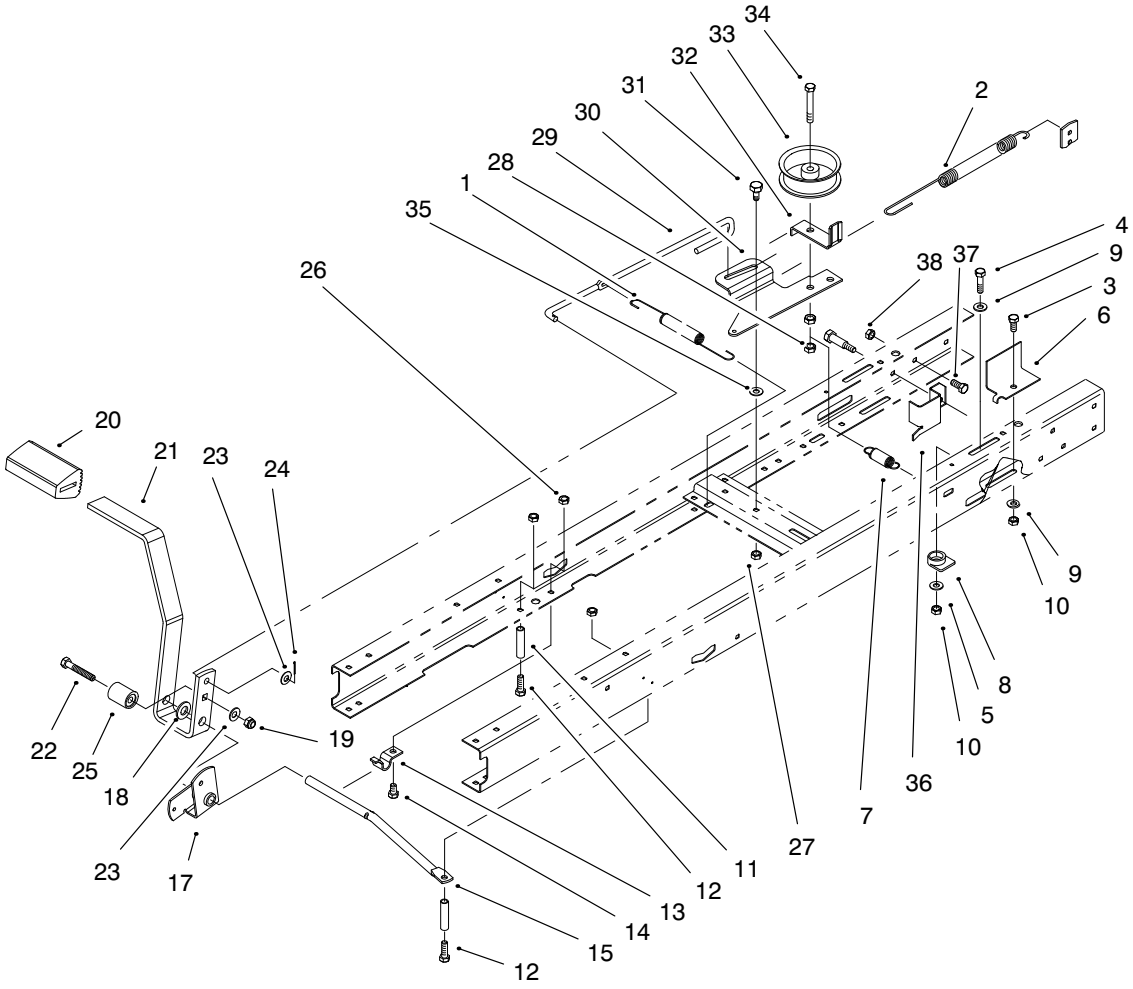


Sheet No.:8

Engine Systems Components Assembly

Ref. No.	Part No.	Qty.	Description
1	88–4340	1	Control–Throttle
1:1	66–0120	1	Knob
2	27–0220	4	Screw–Special
3	88–3880	1	Gas Tank ASM
3:1	104047	1	Bushing
3:2	104048	1	Valve–Fuel
4	47–2963	1	Hose–Gas
5	2412–98	2	Clamp
11	88–5050	1	Pulley–Engine
12	62–3760	1	Screw–HH
13	3253–22	1	Washer–Lock/Sp
14	3256–25	1	Washer–Flat
20	88–4410	1	Gasket–Muffler
21	3253–4	2	Washer–Lock/Sp
22	3274–10	2	Screw–HSH
23	3255–8	1	Washer–Lock/Ext
26	32149–1	2	Nut–Keps
28	94–1952	1	Rod – Gas Tank
30	88–4350	1	Cable–Throttle
31	88–3980	1	Gas Cap Assembly
37	93–3809	1	Bracket– Ground
38	9266714	1	Screw–HWH
39	94–1951	1	Latch – Hood
40	32144–112	2	Screw–Forming, Thread

Ref. No.	Part No.	Qty.	Description



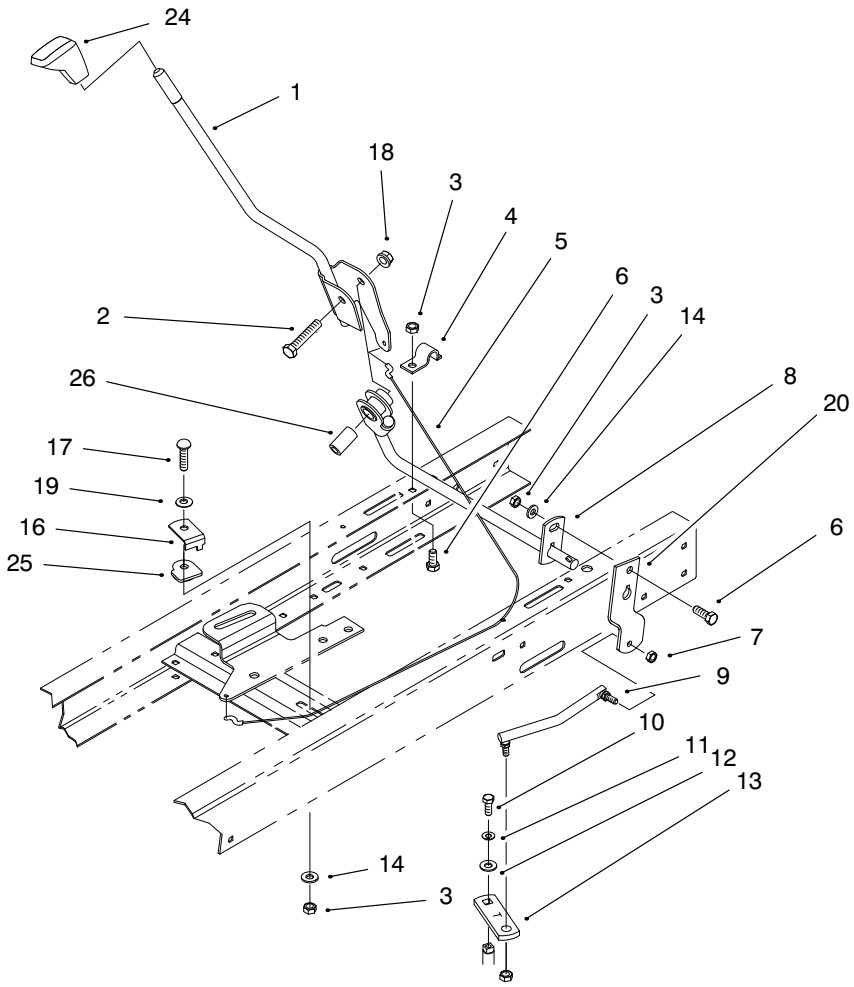
Sheet No.:9

Traction Clutching Components Assembly

Ref. No.	Part No.	Qty.	Description
1	27–8890	1	Spring–Return
2	94–4295	1	Spring – Brake
3	322–3	1	Screw–HH
4	322–6	1	Screw–HH
5	5–4460	1	Washer–Pivot
6	94–5433	1	Bracket – Belt Guide
7	88–6330	1	Spring – Extension
8	84–5610	1	Guide–Cable
9	3256–23	2	Washer–Flat
10	3296–29	2	Nut–Lock
11	46–5590	2	Tubing–Spacer
12	322–12	2	Screw–HH
13	88–4810	1	Clamp–Shift Pivot
14	322–3	1	Screw–HH
15	88–5500	1	Rod–Pedal Pivot
17	88–4800–03	1	Bellcrank
18	3256–26	1	Washer–Flat
19	3296–29	1	Nut–Lock
20	65–2920	1	Pad–Pedal
21	88–5000–03	1	Pedal–Clutch/Brake
22	322–10	1	Screw–HH
23	3256–23	2	Washer–Flat
24	3272–10	1	Pin–Cotter
25	99–6836	1	Spacer–Switch
26	3296–29	3	Nut–Lock
27	3296–29	1	Nut–Lock

Ref. No.	Part No.	Qty.	Description
28	3296–59	2	Nut–Lock Ni
29	88–5270	1	Rod–Clutch/Brake
30	88–6070	1	Arm–Idler
31	37–8770	1	Bolt–Shoulder
32	88–5560	1	Guide–Idler Belt
33	88–5680	1	Pulley–Idler
34	323–11	1	Screw–HH
35	5–4460	1	Washer–Pivot
36	94–4926	1	Bracket – Belt Guide
37	322–3	1	Screw–HH
38	3296–29	1	Nut–Lock

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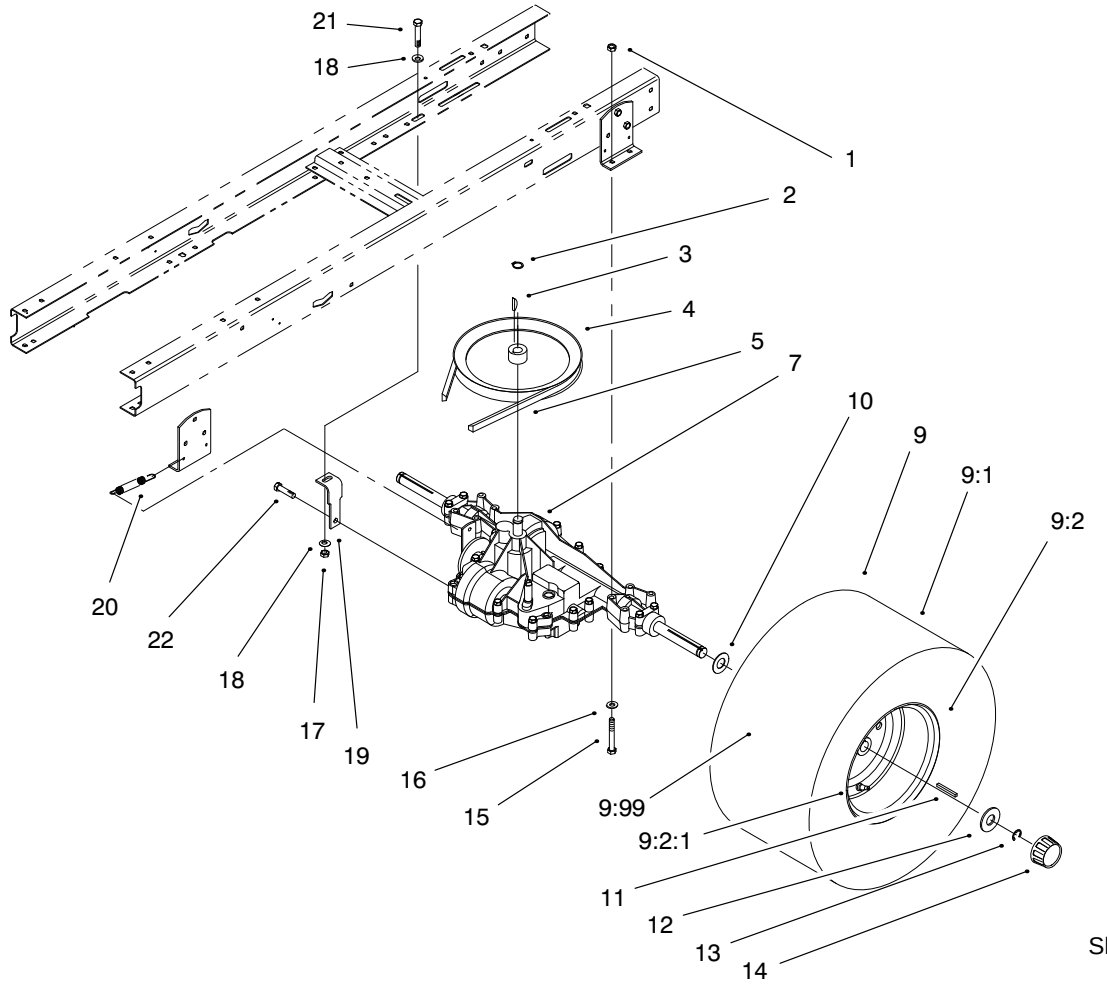


Sheet No.:10

Shifting Components Assembly

Ref. No.	Part No.	Qty.	Description
1	94–1991–03	1	Wa–Shift Lever (Black)
2	323–10	1	Screw–HH
3	3296–29	4	Nut–Lock
4	88–4810	2	Clamp–Shift Pivot
5	55–9321	1	Cable–Clutch
6	322–3	3	Screw–HH
7	3296–3	2	Nut–Lock Ni
8	94–1993–10	1	Wa–Shift Pivot*
9	94–5432	1	Link – Shift
10	329–23	1	Screw–HH
11	3253–3	1	Washer–Lock/Sp
12	7–5461	1	Spacer
13	88–5340	1	Lever–Shift
14	3256–23	2	Washer–Flat
16	88–5930	1	Keeper–Cable
17	3230–3	1	Screw–CARR
18	3296–39	1	Nut–Lock Ni
19	3256–25	1	Washer–Flat
20	94–1968	1	Lever–Shift Pivot
24	94–5565	1	Knob – Shift
25	84–5610	1	Guide–Cable
26	94–1997	1	Bushing – Shift Lever

Ref. No.	Part No.	Qty.	Description



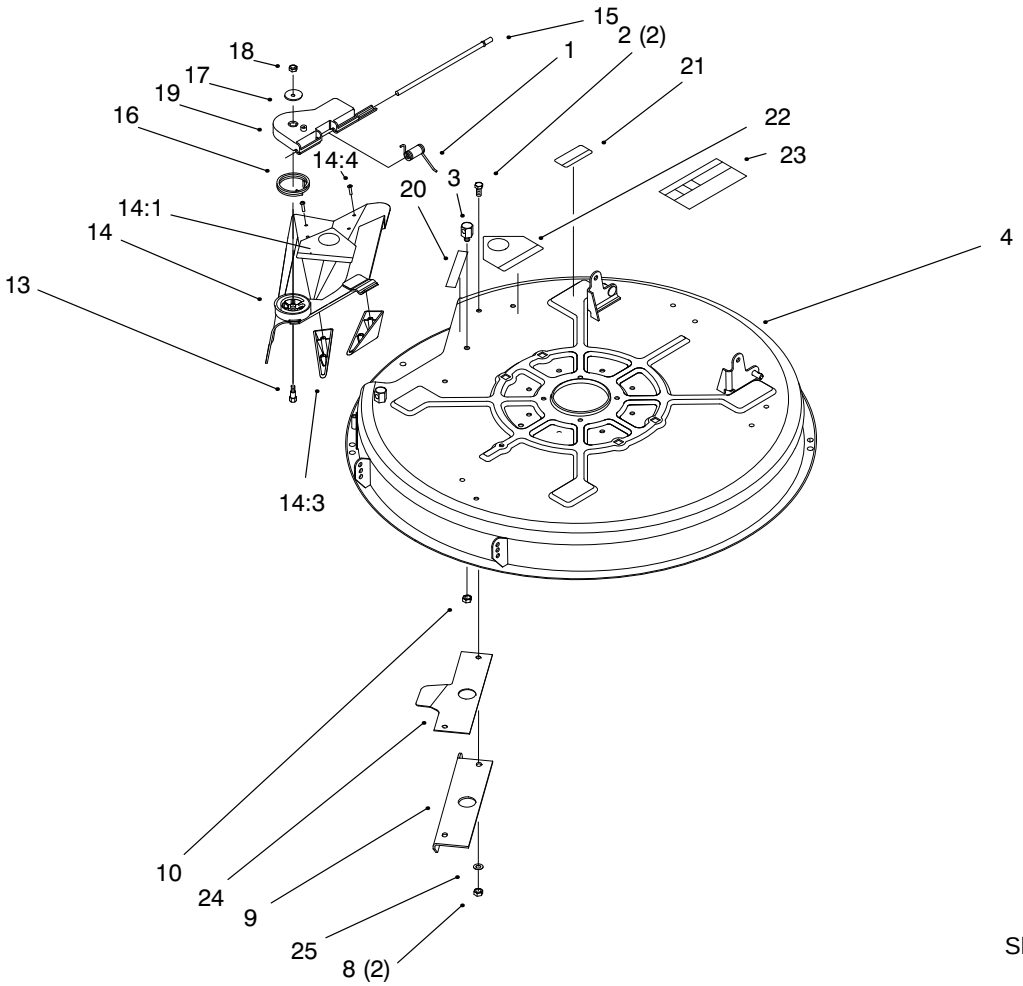
Sheet No.:11

5 Speed Transaxle Assembly

Ref. No.	Part No.	Qty.	Description
1	3296–29	4	Nut–Lock
2	32120–64	1	Ring–External Snap
3	3257–23	1	Key–Woodruff
4	88–4840	1	Pulley – Transmission
5	94–4291	1	Belt – V Traction
7	94–6022	1	Transaxle
9		2	Wheel&tire ASM–Rear
9:1	99–2336	1	Tire
9:2	88–4380	1	Rim Assembly
9:2:1	232–27	1	Stem–Valve
9:99	231–91	1	Tube
10	3–6498	2	Washer–Thrust
11	7–0036	2	Key
12	28–2480	2	Washer
13	32151–48	2	E–Ring
14	61–9780	2	Cap–Hub
15	322–12	4	Screw–HH
16	3256–23	4	Washer–Flat
17	3296–29	2	Nut–Lock
18	3256–23	4	Washer–Flat
19	94–1969	2	Strap – Torque
20	26–6701	1	Spring–Brake Return
21	322–3	2	Screw–HH
22	32144–14	2	Screw–HWH

Ref. No.	Part No.	Qty.	Description

3323–548

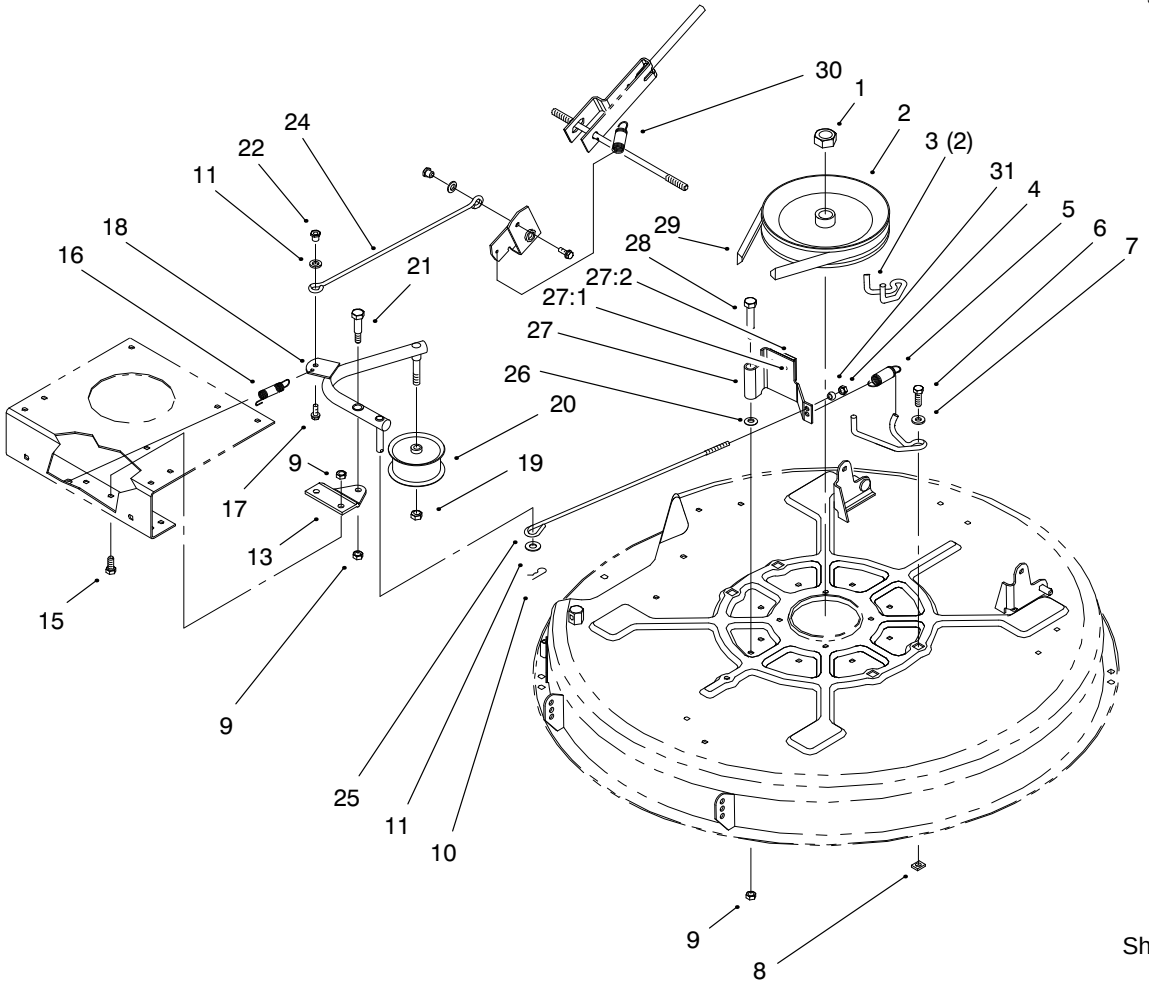


Sheet No.:14

32” Deck Components Assembly

Ref. No.	Part No.	Qty.	Description
1	92–2493	1	Spring
2	322–3	2	Screw–HH
3	28–7350	1	Post–Pivot
4	95–7482	1	ASM–Deck Dom (Service)
8	3296–29	2	Nut–Lock
9	44–5720–03	1	Baffle–Deck
10	3296–59	1	Nut–Lock Ni
13	92–8916	1	Bolt – Shoulder
14	100–6200	1	ASM – Deflector, 32”
14:1	93–1122	1	Decal – Danger
14:3	93–7696	2	Kicker – Ce
14:4	93–0231	4	Screw – PPH
15	88–6150	1	Rod–Deflector Hinge
16	88–6160	1	Spring–Torsion
17	3256–58	1	Washer–Flat
18	3296–42	1	Nut–Lock
19	88–4540	1	Pivot–Hinge Deflector
20	68–3650	1	Decal–Deflector Danger
21	55–4300	2	Decal
22	93–1122	1	Decal – Danger
23	66–1340	1	Decal–Danger
24	92–2494–03	1	Ramp–Deflector
25	3256–23	2	Washer–Flat

Ref. No.	Part No.	Qty.	Description

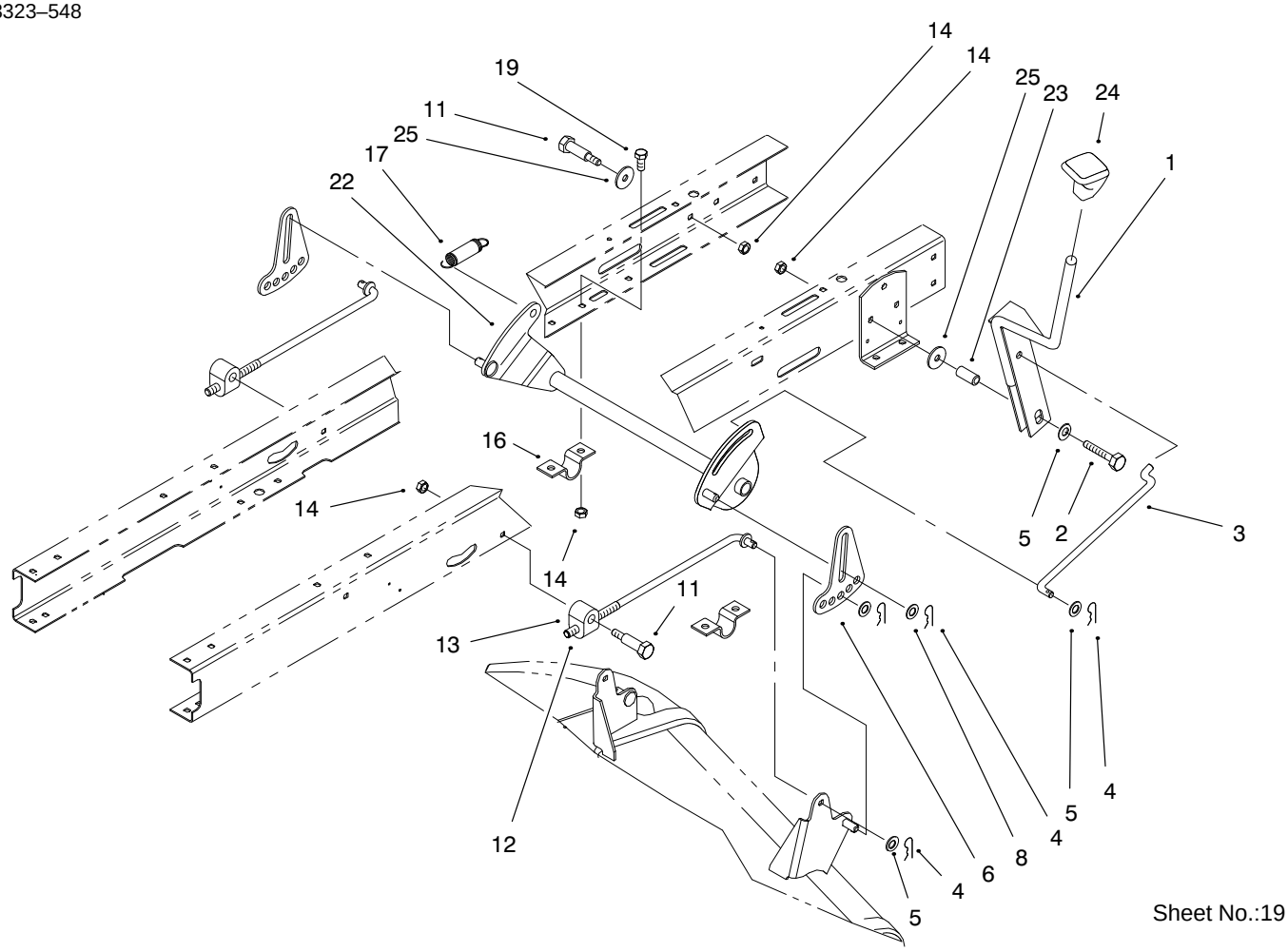


Sheet No.:15

32” Deck Blade Drive & Braking Components Assembly

Ref. No.	Part No.	Qty.	Description
1	3219–7	1	Nut–Hex
2	88–5060	1	Pulley–Deck
3	88–5760	2	Guide–Deck Belt
4	3296–42	1	Nut–Lock
5	88–6330	1	Spring – Extension
6	322–5	2	Screw–HH
7	5–4460	2	Washer–Pivot
8	3290–496	2	Nut–Retainer
9	3296–29	4	Nut–Lock
10	3290–307	1	Cotter–Hairpin
11	3256–24	3	Washer–Flat
13	88–5370–03	1	Plate–Idler Mtg
15	322–3	2	Screw–HH
16	26–6700	1	Spring–Brake Return
17	3234–13	2	Screw–HHF
18	88–5850–03	1	Idler Arm Wa
19	3296–39	1	Nut–Lock Ni
20	56–9870	1	Pulley–Idler
21	7–0030	1	Bolt–Shoulder
22	47–4990	2	Post–Linkage Mounting
24	88–5980	1	Rod–Deck Engage
25	88–5690	1	Rod–Deck Brake
26	3256–23	1	Washer–Flat
27	88–6110	1	Brake Arm ASM
27:1	3290–282	2	Rivet–Stl Pop

Ref. No.	Part No.	Qty.	Description
27:2	56–9830	1	Pad–Brake
28	88–4590	1	Bolt–Shoulder
29	88–6260	1	V – Belt
30	88–6420	1	Spring–Cable ASM
31	67–0710	1	Ball–Swivel Stop

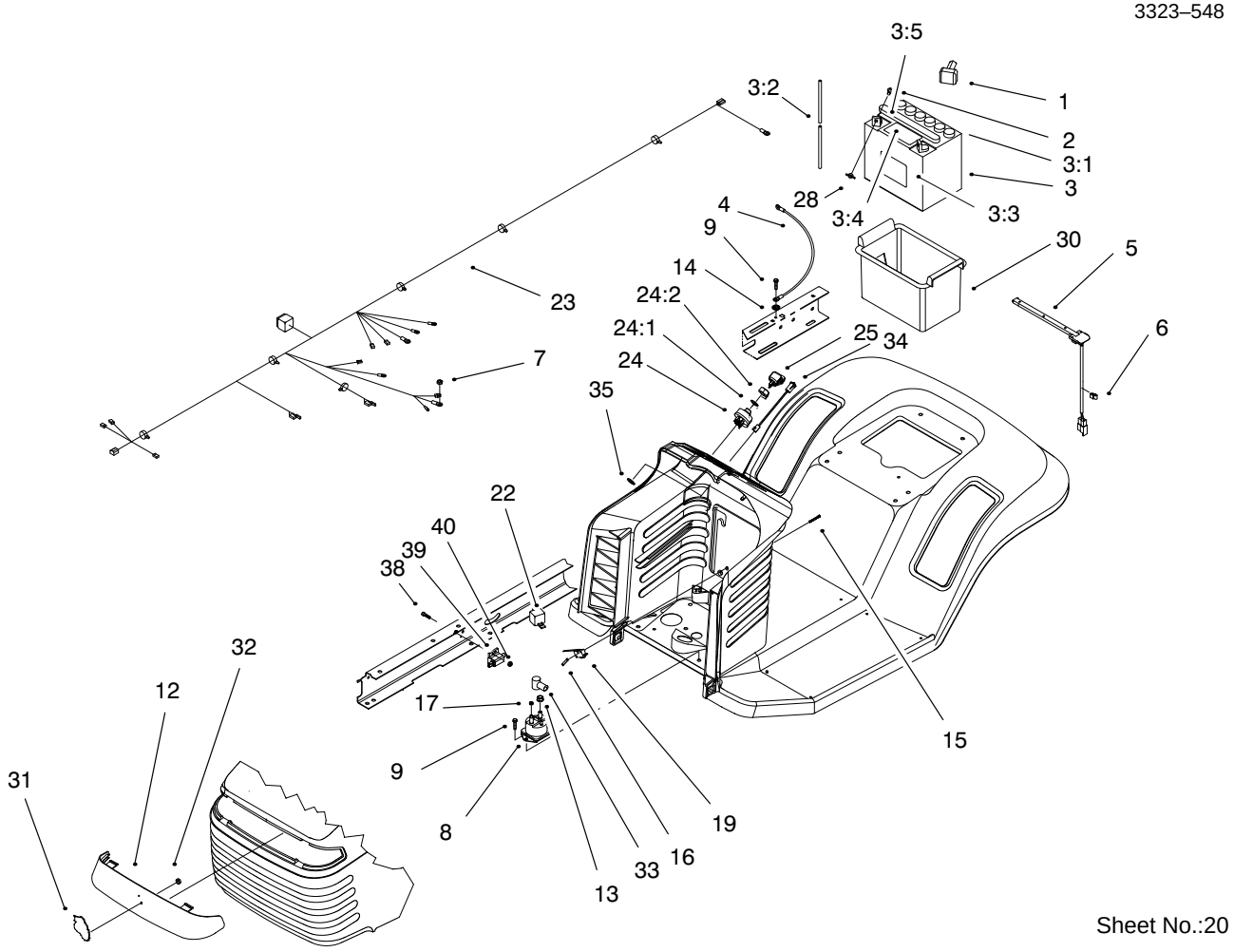


Sheet No.:19

Height of Cut Components Assembly

Ref. No.	Part No.	Qty.	Description
1	93–3822–03	1	Lever Wa
2	322–39	1	Screw–HH
3	88–5900	1	Link–HOC
4	3290–307	7	Cotter–Hairpin
5	3256–24	4	Washer–Flat
6	88–5570–03	2	Link–HOC Adjusting
8	80–6990	4	Washer–Hardened
11	7–0030	3	Bolt–Shoulder
12	88–5450	2	Rod–Hanger Rear
13	88–4230	2	Trunnion–HOC
14	3296–29	8	Nut–Lock
16	88–4730	2	Clamp–HOC Pivot
17	88–6460	1	Spring – Extension
19	322–3	4	Screw–HH
22	88–5110–03	1	Pivot Wa
23	65–7210	1	Spacer
24	94–5565	1	Knob – Shift
25	5–4460	2	Washer–Pivot

Ref. No.	Part No.	Qty.	Description

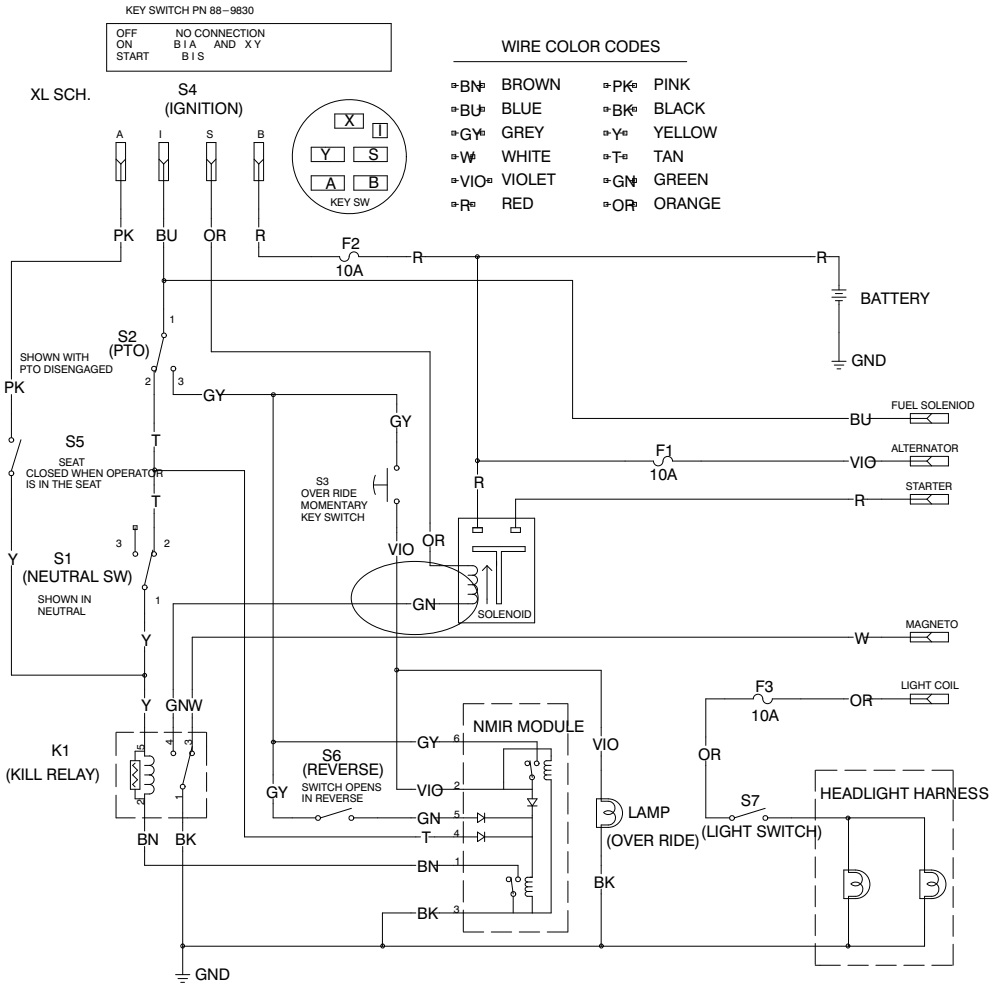


Sheet No.:20

Electrical Components Assembly

Ref. No.	Part No.	Qty.	Description
1	28–8080	1	Boot–Terminal
2	321–4	2	Screw–HH
3	80–2600	1	Battery
3:1	218–560	6	Cap–Battery
3:2	56–2540	1	Tube–Batt Drain/80–2600
3:3	93–6668	1	Decal – Battery
3:4	93–7276	1	Decal – Danger
3:5	93–9354	1	Decal – Danger
4	44–8110	1	Wire ASM
5	38–1420	1	Switch–Seat
6	702366	1	Clip–Wire Retainer
7	32149–2	1	Nut–Keps
8	28–4210	1	Solenoid
9	9266714	3	Screw–HWH
12	88–3960	1	Lens–Headlight
13	32149–1	2	Nut–Keps
14	3255–7	2	Washer–Lock/Ext
15	93–0539	2	Screw–HH
16	3290–354	1	Nut–Speed
17	32149–8	2	Keps Nut
19	88–9932	1	Switch–Micro
22	98–7249	1	Relay–Spdt
23	99–6841	1	Harness–Wire, Gear
24	88–9830	1	Switch–Ignition
24:1	3254–5	1	Washer–Lock/Int

Ref. No.	Part No.	Qty.	Description
24:2	218–461	1	Nut–HH
25	63–8360	1	Key–Ignition w/Shield
28	32103–22	2	Nut–Wing
30	88–4040	1	Box–Battery
31	80–2240	1	Emblem–Grille Whlhorse
32	3290–299	1	Clip
33	94–5362	1	Boot – Terminal Insulator
34	95–7652	1	Light – Indicator
35	99–6059	1	Clip–Retainer
38	3274–14	2	Screw–HSH
39	65–7410	1	Switch – Single Pole
40	3296–2	2	Nut–Lock

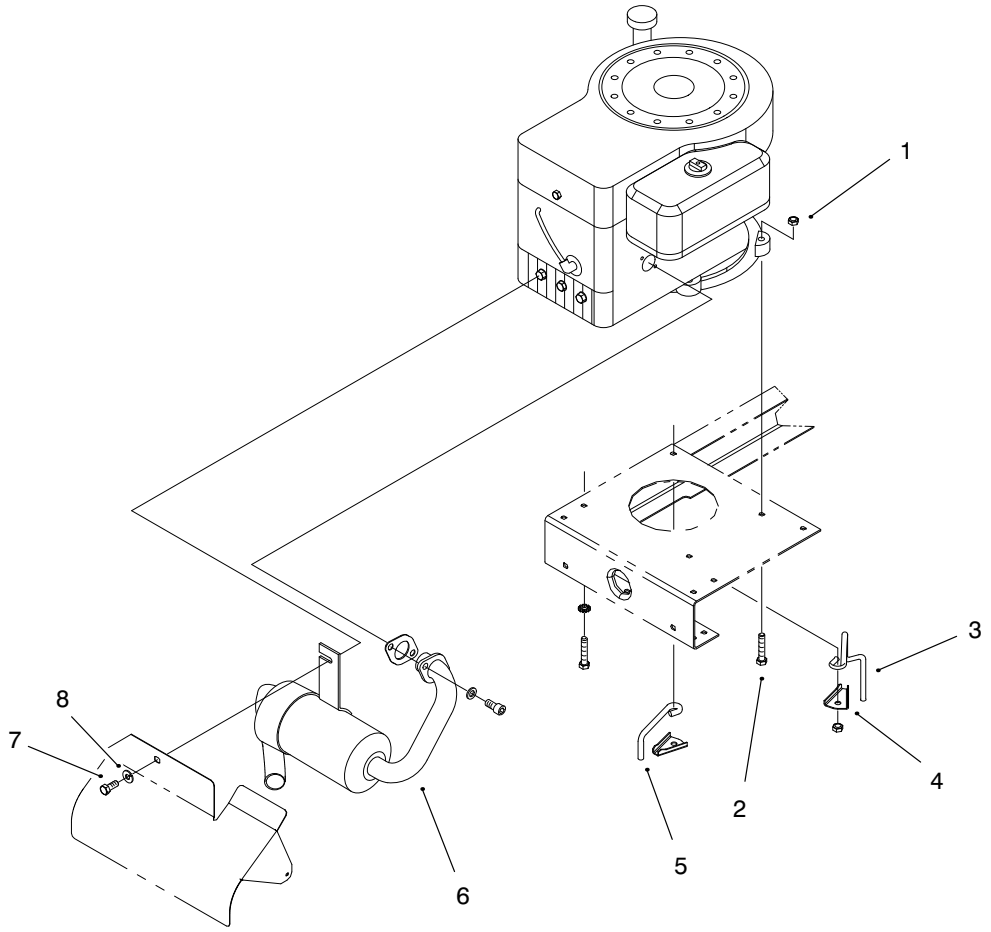


Sheet No.:21

Wire Schematic

Ref. No.	Part No.	Qty.	Description
	218–578	3	Fuse–10a

Ref. No.	Part No.	Qty.	Description

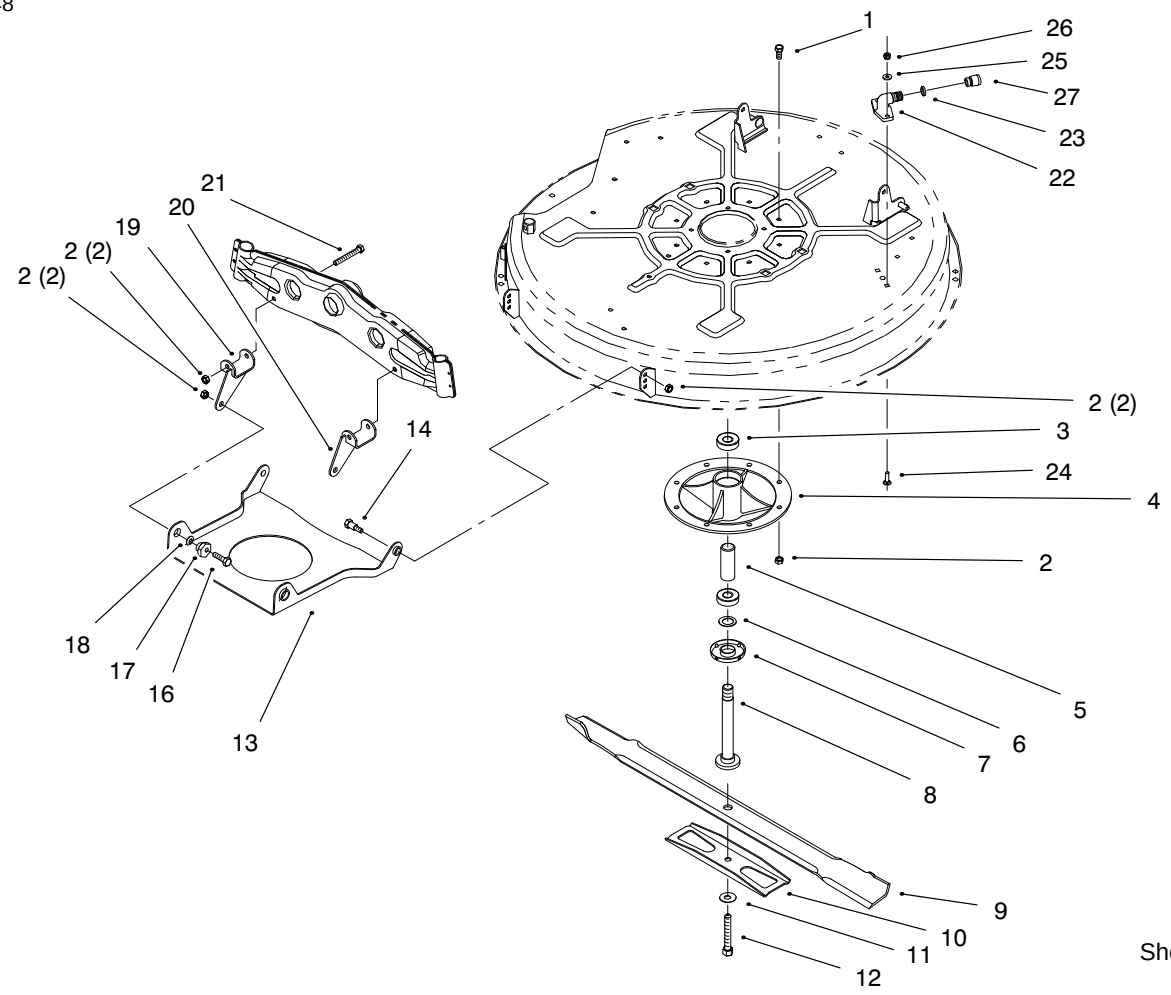


Sheet No.:25

Engine System Components Assembly

Ref. No.	Part No.	Qty.	Description
1	3296–29	3	Nut–Lock
2	322–9	4	Screw–HH
3	88–6060	1	Guide–LH Belt
4	76–3820	2	Anchor–Belt Guide
5	88–5490	1	Guide–Belt RH
6	88–6480	1	Muffler Wa
7	321–4	1	Screw–HH
8	3253–3	1	Washer–Lock/Sp

Ref. No.	Part No.	Qty.	Description

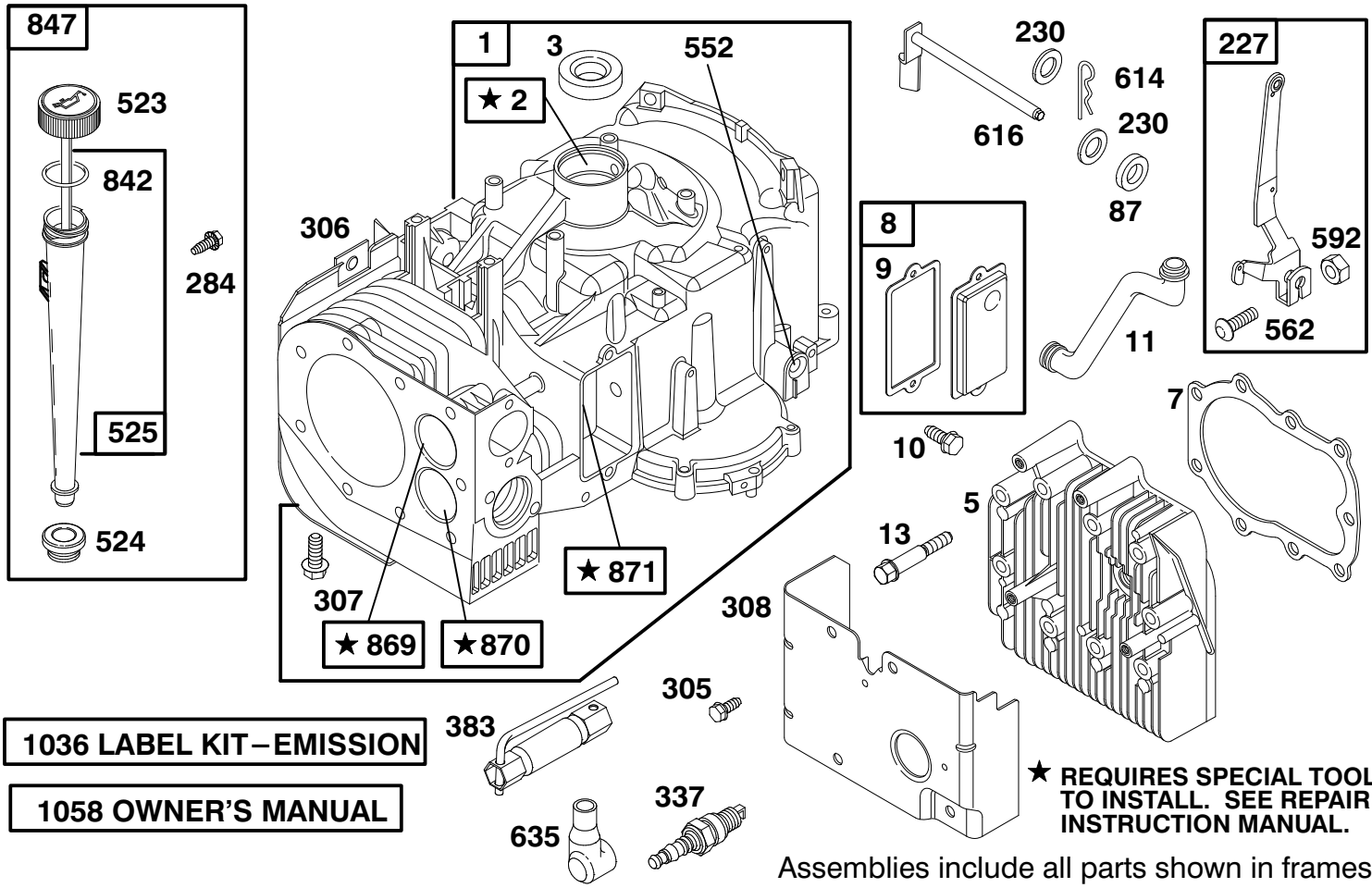


Sheet No.:26

32” Deck Components Assembly

Ref. No.	Part No.	Qty.	Description
1	322–3	8	Screw–HH
2	3296–29	14	Nut–Lock
3	251–297	2	Bearing
4	56–7030	1	Spindle
5	83–7020	1	Spacer–Bearing
6	80–4390	1	Spacer–Hardned
7	80–4370	1	Shield – Bearing
8	80–4350	1	Shaft–Spindle
9	33–4750	1	Blade–31.35”
10	80–4570–03	1	Stiffener
11	3290–465	1	Washer–Belleville
12	26–0671	1	Screw–Blade
13	88–4940–03	1	Susp–Front Pan
14	28–0540	2	Bolt–Shoulder
16	322–6	2	Screw–HH
17	106661	2	Cam
18	3256–23	2	Washer–Flat
19	88–5640–03	1	RH Bracket Wa
20	88–5650–03	1	LH Bracket Wa
21	322–12	2	Screw–HH
22	95–2747	1	Fitting–Washout
23	46–6290	1	O–Ring
24	3229–1	2	Screw–CARR
25	3256–1	2	Washer–Flat
26	3296–16	2	Nut–Lock
27	95–3270	1	Connector–hose

Ref. No.	Part No.	Qty.	Description



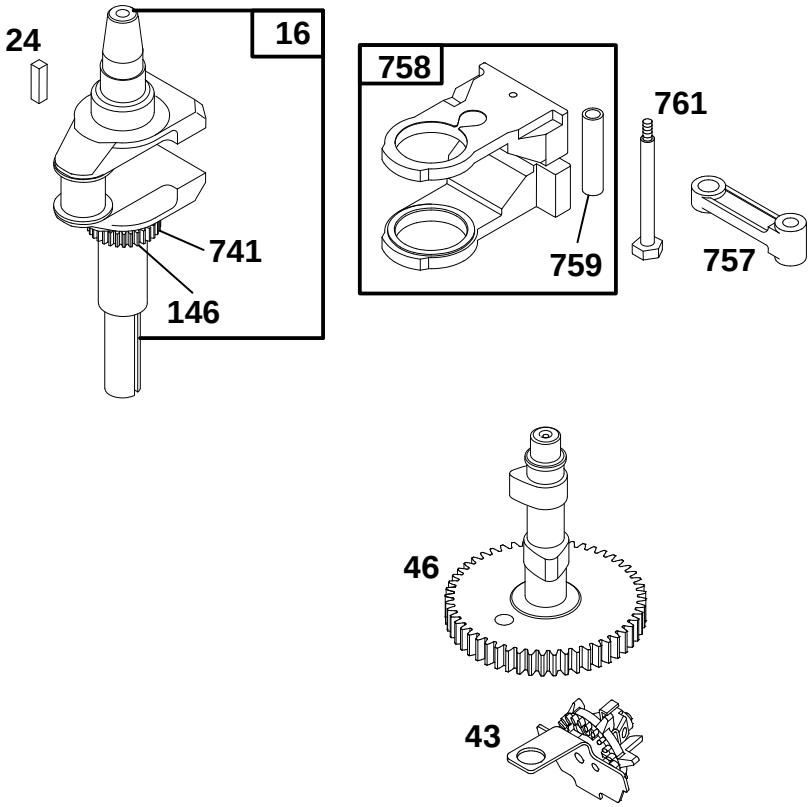
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 284707–1148–E1

Ref. No.	Part No.	Description	No. Used
1	496413	Cylinder Assembly	1
2	399265	Bushing	1
⋆3	391086	Seal–Oil	1
5	494240	Head–Cylinder	1
†⋆7	271866	Gasket–Cylinder Head	1
8	495735	Breather Assembly	1
†⋆9	27803	Gasket–Breather	1
10	94621	Screw–Sem	1
11	280100	Tube–Breather	1
13	94622	Screw–Cylinder Head	1
⋆87	491323	Seal–Governor Shaft	1
227	493935	Lever–Governor	1
230	94927	Washer–Flat	1
284	94903	Screw–Shoulder	1
305	94786	Screw–Hex.	1
306	224545	Shield–Cylinder	1
307	94930	Screw–Hex. Head	1
308	491490	Cover–Cylinder Head	1
337	802592	Plug–Spark	1
383	89838	Wrench–Spark Plug	1
523	495230	Dipstick	1

Ref. No.	Part No.	Description	No. Used
⋆524	281370	Seal–Fill Tube	1
525	496113	Tube–Oil Fill	1
552	491986	Bushing–Gov. Crank	1
		Note: Includes Seal, Ref. No. 87	1
562	94907	Bolt–Governor Lever	1
592	231978	Nut–Hex.	1
614	93306	Pin–Cotter	1
616	495157	Crank–Governor	1
635	66538	Boot–Spark Plug	1
⋆842	270920	Seal–O-Ring	1
847	496415	Dipstick/Tube Assembly	1
869	261463	Seat–Intake Valve	1
870	262924	Seat–Exhaust Valve	1
871	261961	Bushing–Valve Guide (Exhaust)	1
		Note: 231218 Bushing–Valve Guide (Intake)	1
1036	499362	Label Kit–Emission	1
1058	273681	Owner's Manual	1

⋆ Included in Gasket Set–Part No. 494241.
◆ Included in Carburetor Gasket Set–Part No. 494385.
● Included in Carburetor Kit–Part No. 499220.
† Included in Valve Overhaul Gasket Set–Part No. 498539.



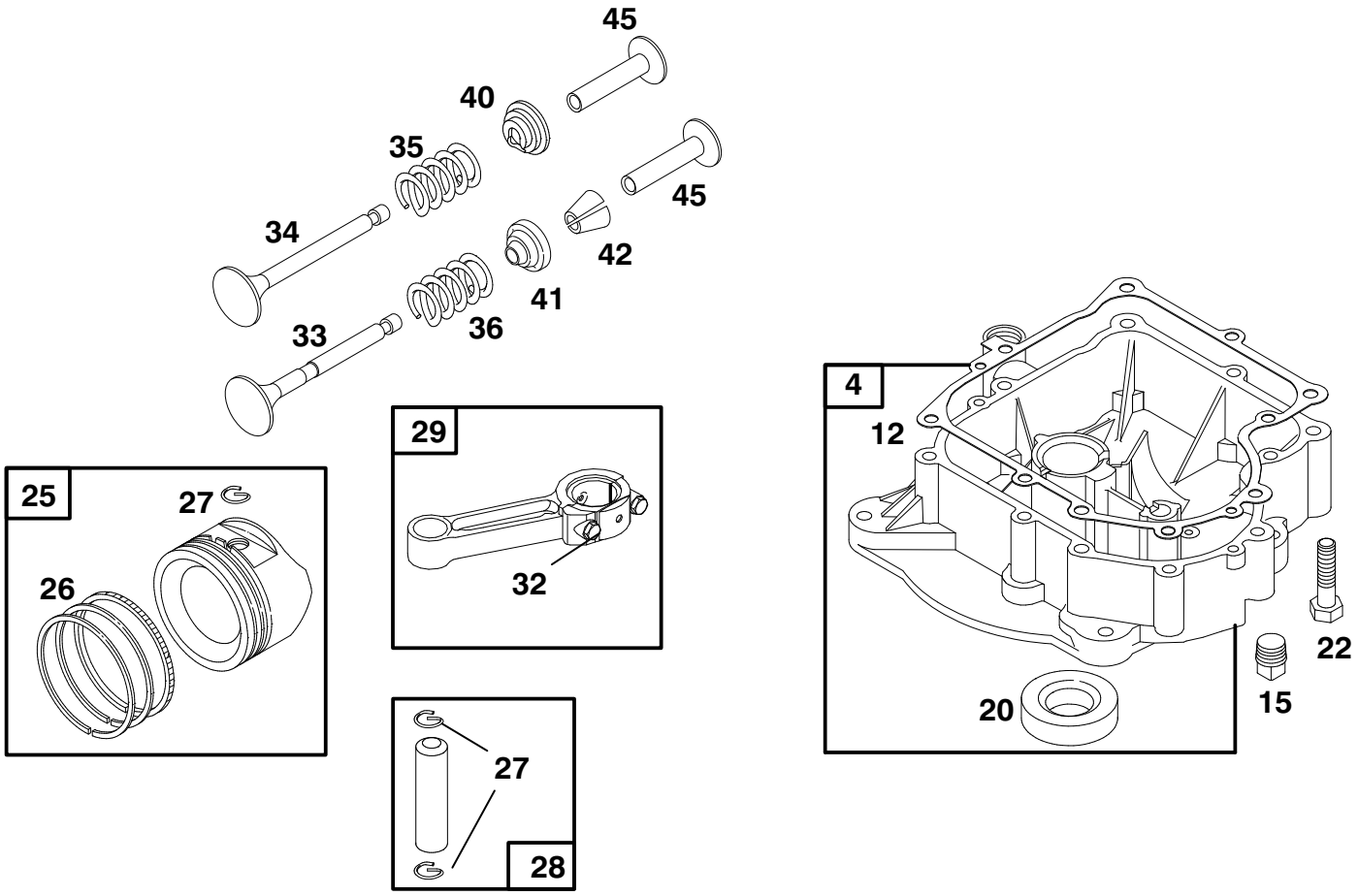
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 284707–1148–E1

Ref. No.	Part No.	Description	No. Used
16	498971	Crankshaft	1
24	222698	Key–Flywheel	1
43	490815	Governor/Oil Slinger	1
46	212897	Gear–Cam	1
146	94196	Key–Timing	1
741	262932	Gear–Timing	1

Ref. No.	Part No.	Description	No. Used
757	213998	Link–Counterweight	1
758	399891	Counterweight	1
759	230787	Pin–Counterweight	1
761	94593	Screw–Counterweight	1

★ Included in Gasket Set–Part No. 494241.
◆ Included in Carburetor Gasket Set–Part No. 494385.
● Included in Carburetor Kit–Part No. 499220.
† Included in Valve Overhaul Gasket Set–Part No. 498539.



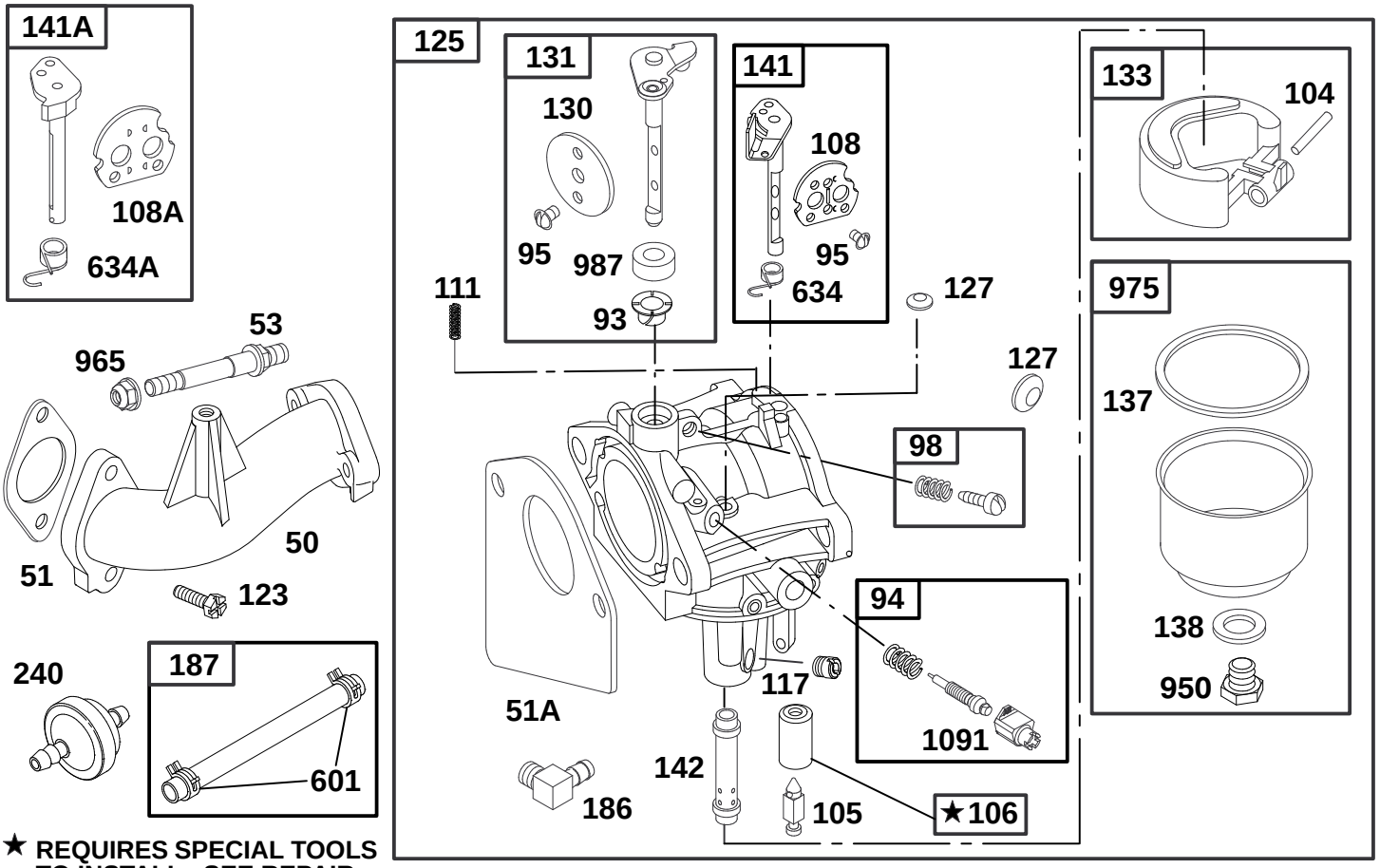
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 284707–1148–E1

Ref. No.	Part No.	Description	No. Used
4	494238	Sump–Engine	1
★12	271916	Gasket–Crankcase (.015" Thick)	1
★	271997	Gasket–Crankcase (.005" Thick)	1
★	271996	Gasket–Crankcase (.009" Thick)	1
15	94239	Plug–Oil Drain	1
★20	291675	Seal–Oil	1
22	94624	Screw–Base Mtg. Sem	1
25	499284	Piston Assy. (Std.)	1
	499288	Piston Assy. (.010" O.S.)	1
	499292	Piston Assy. (.020" O.S.)	1
	499296	Piston Assy. (.030" O.S.)	1
26	495854	Ring Set–Piston (Std.)	1
	495852	Ring Set–Piston (.010" O.S.)	1
	495852	Ring Set–Piston (.020" O.S.)	1
	495855	Ring Set–Piston (.030" O.S.)	1

Ref. No.	Part No.	Description	No. Used
27	263129	Lock–Piston Pin	1
28	498319	Pin Assy.–Piston (Standard)	1
	498320	Pin Assy.–Piston (.005" O.S.)	1
29	490348	Rod Assembly–Connecting	1
	490469	Rod–Connecting (020" U.S. Crankpin Bore)	1
32	95017	Screw–Connecting Rod	1
33	262246	Valve–Exhaust	1
34	262247	Valve–Intake	1
35	65906	Spring–Intake Valve	1
36	26828	Spring–Exhaust Valve	1
40	221596	Retainer–Intake Valve	1
41	292260	Retainer–Exhaust Valve	1
42	494553	Keeper–Valve	1
45	262248	Tappet–Valve	1

★ Included in Gasket Set–Part No. 494241.
◆ Included in Carburetor Gasket Set–Part No. 494385.
● Included in Carburetor Kit–Part No. 499220.
† Included in Valve Overhaul Gasket Set–Part No. 498539.



★ **REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.**

Assemblies include all parts shown in frames.

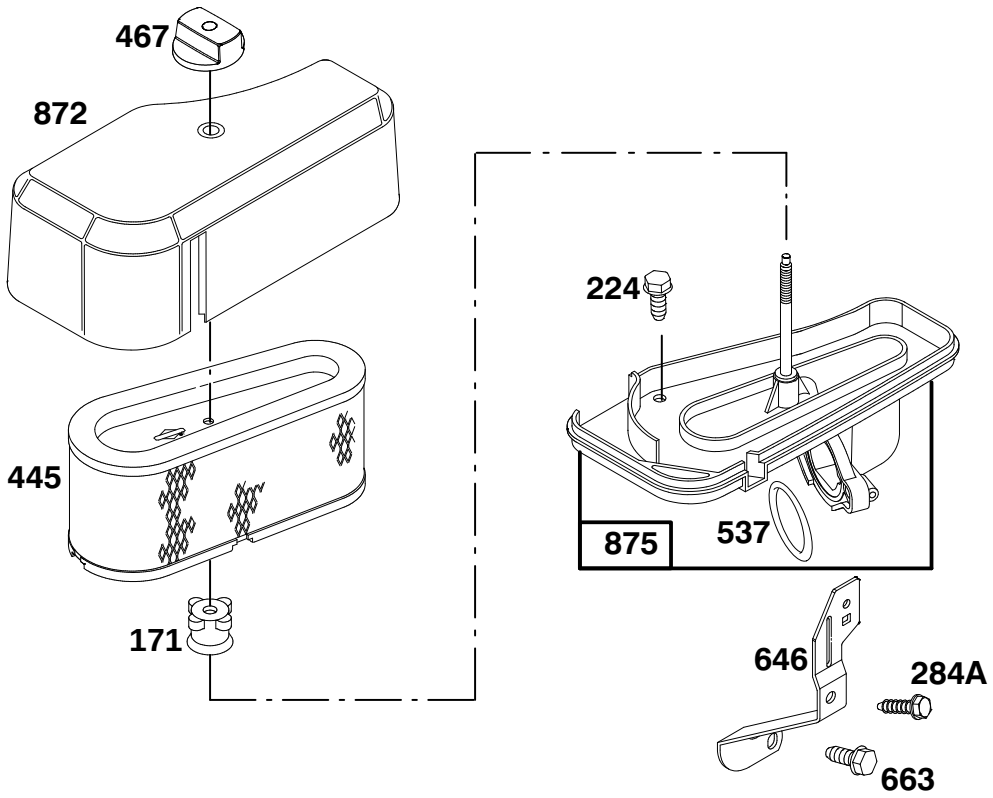
ENGINE BRIGGS & STRATTON MODEL 284707–1148–E1

Ref. No.	Part No.	Description	No. Used
50	213819	Manifold–Intake	1
●◆51	272465	Gasket–Carburetor (Carb. to Manifold)	1
†★51A	272554	Gasket–Carburetor (Manifold to Cylinder)	1
53	94637	Stud–Carb. Mtg.	1
●93	281346	Bushing–Throttle Shaft	1
94	498030	Valve–Needle	1
●95	94098	Screw–Throttle	1
98	495800	Screw–Idle Speed	1
●104	231789	Pin–Float Hinge	1
●105	231855	Valve–Float Needle	1
●106	231854	Inlet Valve Seat	1
108	224558	Valve–Choke	1
108A	224540	Valve–Choke	1
123	94913	Screw–Elbow Mtg.	1
125	498027	Carburetor Assembly	1
●127		Plug–Welch (Sold in Kit Only)	1
130	224539	Valve–Throttle	1
131	494379	Shaft Kit–Throttle	1
133	494381	Float–Carburetor	1

Ref. No.	Part No.	Description	No. Used
●◆137	281165	Gasket–Float Bowl	1
●◆138	281164	Washer–Float Bowl Screw	1
141	495097	Shaft Kit–Choke (Manual)	1
141A	495931	Shaft Kit–Choke (Remote)	1
●142	497566	Nozzle–Carburetor (Standard)	1
	497567	Nozzle–Carburetor (High Alt.)	1
186	493496	Connector–Fuel	1
187	298049	Line–Fuel	1
240	394358	Filter–Fuel	1
601	93053	Clamp–Hose	1
●634	494453	Seal–Spring Assembly	1
●634A	494555	Seal–Spring Assembly	1
950	94642	Screw–Fuel Bowl	1
965	94010	Nut–Hex.	1
975	495933	Bowl–Float	1
●987	281166	Seal–Throttle Shaft	1
1091	281364	Cap–Limiter	1

★ Included in Gasket Set–Part No. 494241.
◆ Included in Carburetor Gasket Set–Part No. 494385.

● Included in Carburetor Kit–Part No. 499220.
† Included in Valve Overhaul Gasket Set–Part No. 498539.



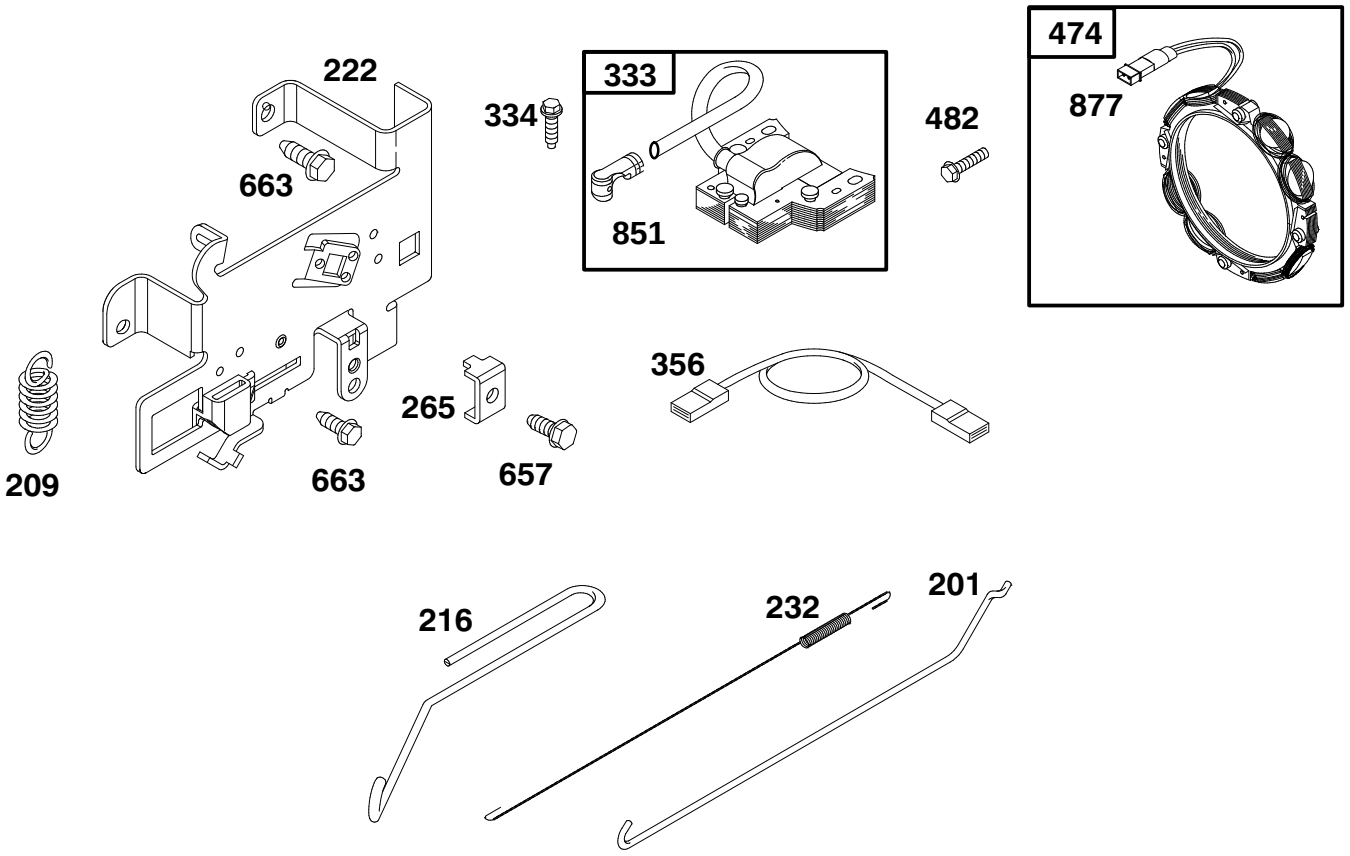
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 284707−1148−E1

Ref. No.	Part No.	Description	No. Used
171	281051	Nut−Air Cleaner	1
224	94730	Screw−Hex. Head	1
284A	94704	Screw Hex. Head	1
445	496894	Filter−A/C Element	1
467	493903	Nut−Air Cleaner	1
†★537	281106	Gasket−Air Cleaner	1

Ref. No.	Part No.	Description	No. Used
646	224546	Brace−Air Cleaner	1
663	94929	Screw−Hex. Hd.	1
872	281104	Cover−Air Cleaner	1
875	494237	Base−Air Cleaner	1

★ Included in Gasket Set−Part No. 494241.
◆ Included in Carburetor Gasket Set−Part No. 494385.
● Included in Carburetor Kit−Part No. 499220.
† Included in Valve Overhaul Gasket Set−Part No. 498539.



Assemblies include all parts shown in frames.

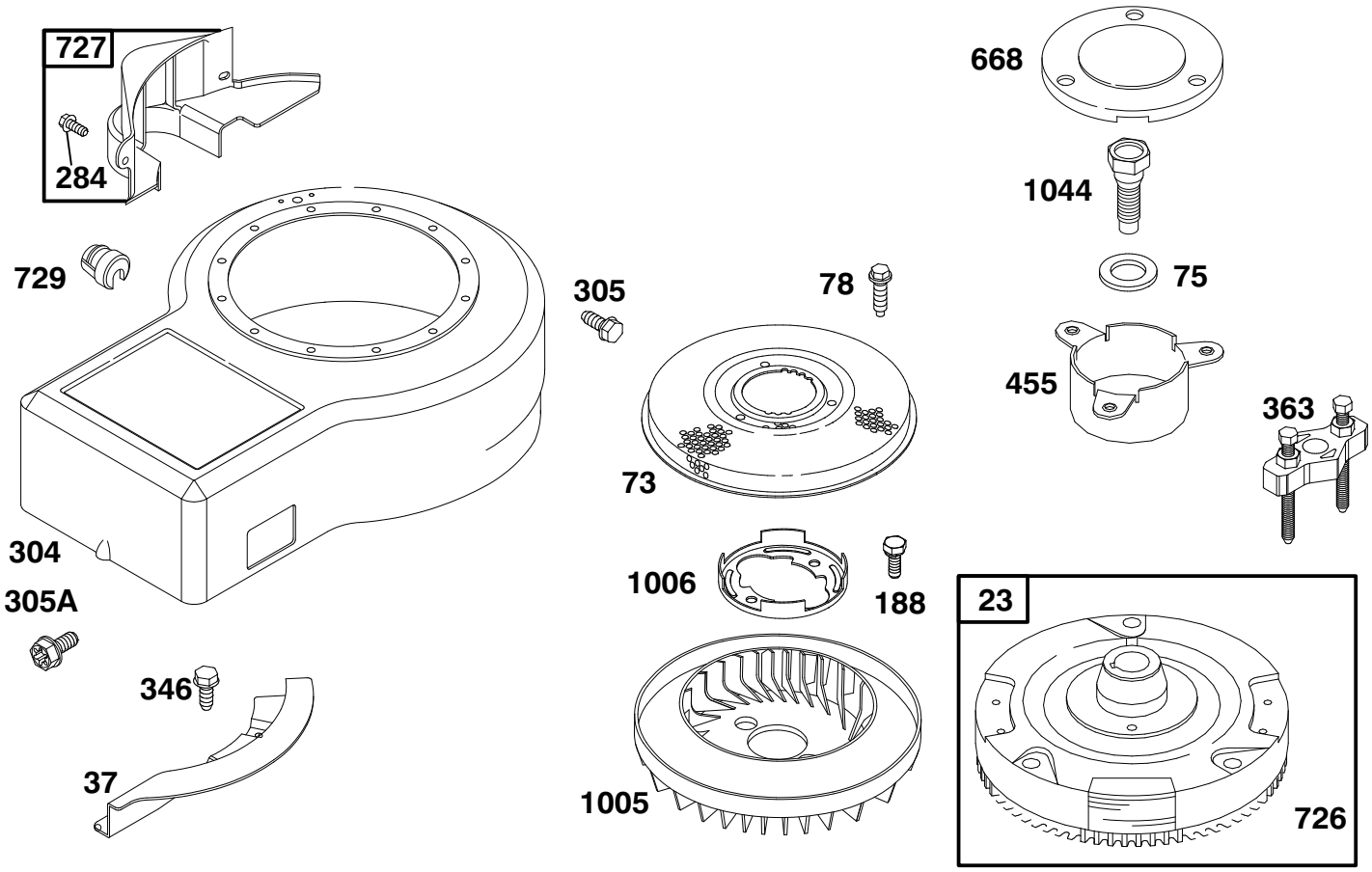
ENGINE BRIGGS & STRATTON MODEL 284707–1148–E1

Ref. No.	Part No.	Description	No. Used
201	262767	Link–Governor	1
209	260871	Spring–Governor	1
216	262766	Link–Choke	1
222	495611	Bracket–Control	1
232	262785	Spring–Link	1
265	221535	Clamp–Casing	1
333	492341	Armature–Magneto	1
334	94731	Screw–Hex.	1

Ref. No.	Part No.	Description	No. Used
356	494328	Wire–Stop	1
474	393474	Alternator	1
482	93621	Screw–Sem	1
657	94906	Screw–Sem	1
663	94929	Screw–Hex. Head	1
851	493880	Terminal–Ignition Cable	1
877	393456	Wire–Alternator	1

★ Included in Gasket Set–Part No. 494241.
◆ Included in Carburetor Gasket Set–Part No. 494385.

● Included in Carburetor Kit–Part No. 499220.
† Included in Valve Overhaul Gasket Set–Part No. 498539.



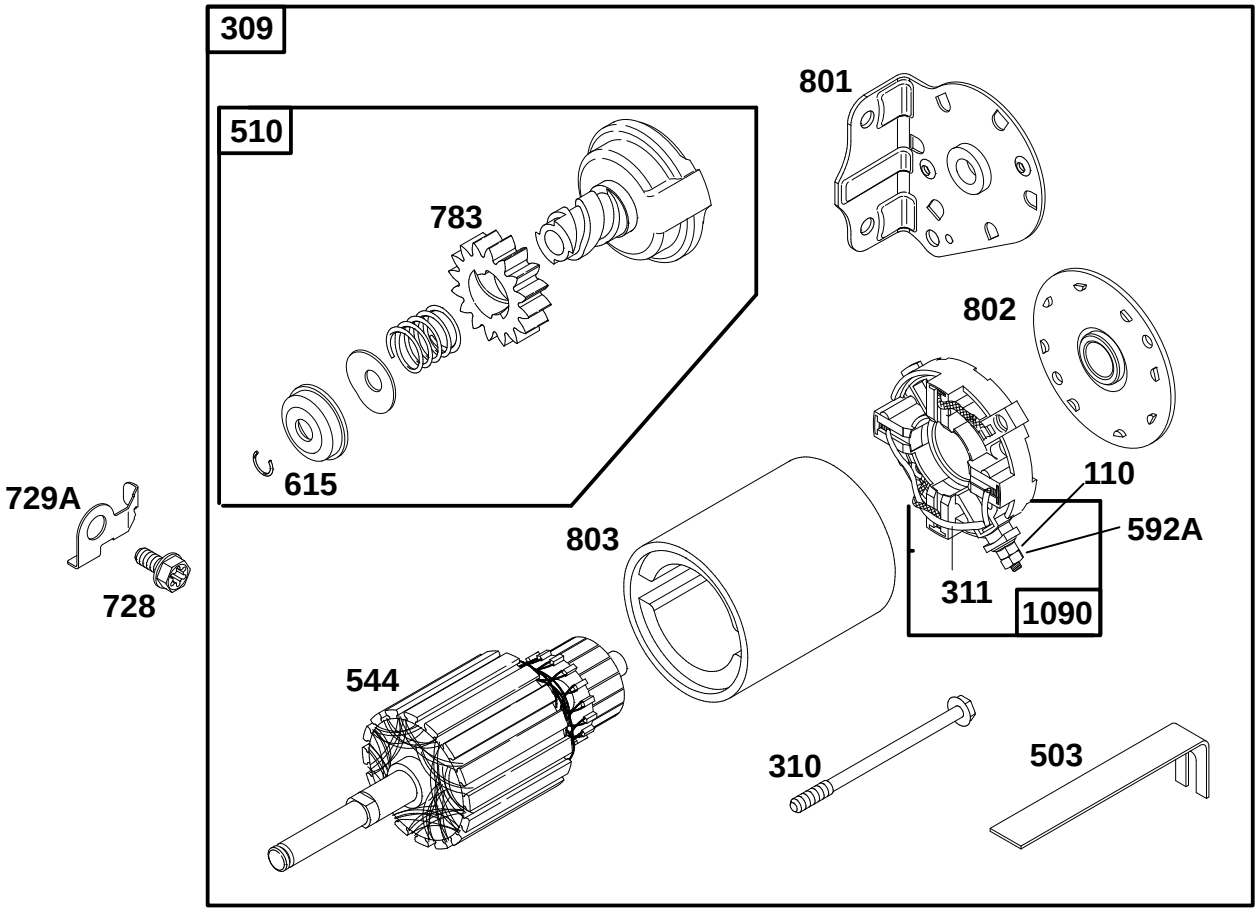
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 284707–1148–E1

Ref. No.	Part No.	Description	No. Used
23	492326	Flywheel	1
37	224502	Guard–Flywheel	1
73	224517	Screen–Rotating	1
75	225136	Washer–Flywheel	1
78	94626	Screw–Phillips	1
188	94627	Screw–Sem	1
284	94903	Screw–Shoulder	1
304	496319	Housing–Blower	1
305	94786	Screw–Hex.	1
305A	94905	Screw–Torx®Hex.	1
346	94896	Screw–Hex.	1

Ref. No.	Part No.	Description	No. Used
363	19203	Puller–Flywheel	1
455	222561	Cup–Flywheel	1
668	280848	Spacer	1
726	399676	Gear–Ring (Includes Mtg Hardware)	1
727	490324	Cover–Starter Drive	1
729	281159	Clip–Wire	1
1005	280687	Fan–Flywheel	1
1006	224413	Retainer–Fan	1
1044	94673	Screw–Shoulder	1

★ Included in Gasket Set–Part No. 494241.
◆ Included in Carburetor Gasket Set–Part No. 494385.
● Included in Carburetor Kit–Part No. 499220.
† Included in Valve Overhaul Gasket Set–Part No. 498539.



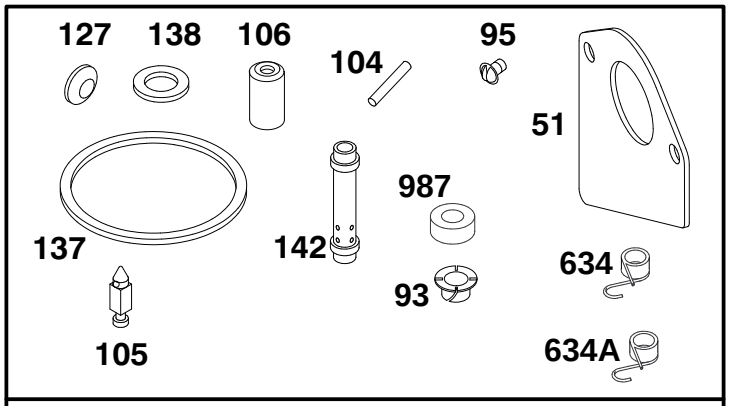
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 284707–1148–E1

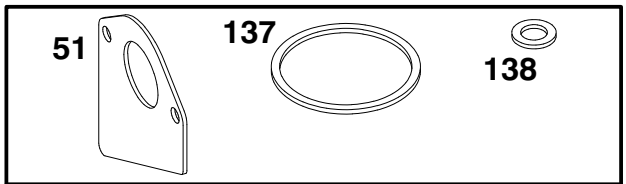
Ref. No.	Part No.	Description	No. Used
110	225137	Washer–Flat	1
309	497595	Motor–Starter	1
310	94003	Bolt–Thru	1
311	497608	Brush Set	1
503	806000	Strap–Starter	1
510	497606	Drive–Starter	1
544	497603	Armature–Starter	1
592A	92278	Nut–Hex.	1
615	263080	Ring–Retaining	1

Ref. No.	Part No.	Description	No. Used
728	94951	Screw–Torx®	1
729A	225170	Clip–Wire	1
783	280104	Gear–Starter	1
801	394856	Cap–Drive	1
802	497607	Cap–End	1
803	497604	Housing–Starter	1
1090	497605	Retainer–Brush	1

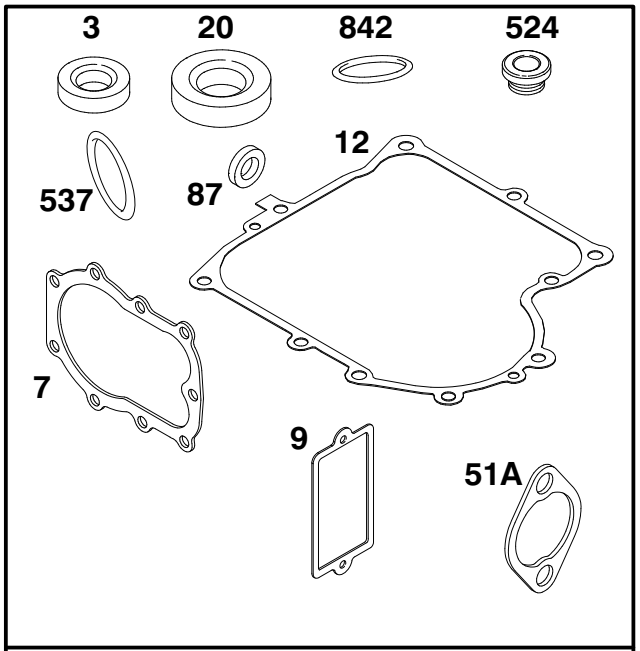
★ Included in Gasket Set–Part No. 494241.
◆ Included in Carburetor Gasket Set–Part No. 494385.
● Included in Carburetor Kit–Part No. 499220.
† Included in Valve Overhaul Gasket Set–Part No. 498539.



121 CARBURETOR KIT



977 CARBURETOR GASKET SET



358 GASKET SET

1095 VALVE OVERHAUL GASKET SET



Assemblies include all parts shown in frames.

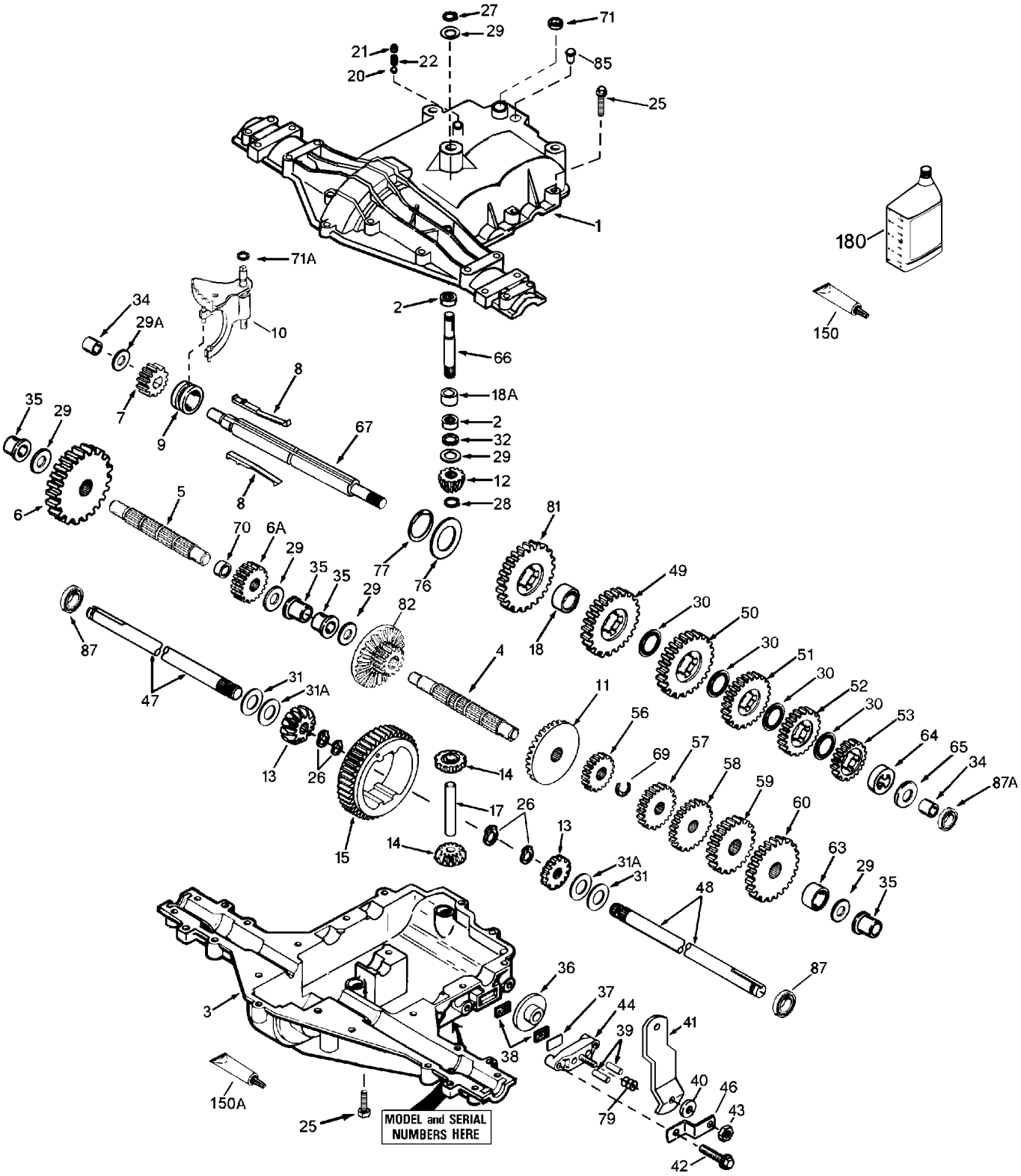
ENGINE BRIGGS & STRATTON MODEL 284707–1148–E1

Ref. No.	Part No.	Description	No. Used
★3	391086	Seal–Oil	1
★†7	271866	Gasket–Cylinder Head	1
★†9	27803	Gasket–Valve Cover	1
★12	271916	Gasket–Crankcase (.015” Thick)	1
★	271997	Gasket–Crankcase (.005” Thick)	1
★	271996	Gasket–Crankcase (.009” Thick)	1
★20	291675	Seal–Oil	1
◆●51	272465	Gasket–Carburetor (Carb. to Manifold)	1
★†51A	272554	Gasket–Carburetor (Manifold to Cylinder)	1
★87	491323	Seal–Governor Shaft	1
●93	281346	Bushing–Throttle Shaft	1
●95	94098	Screw–Throttle	1
●104	231789	Pin–Float Hinge	1
●105	231855	Valve–Float Needle	1

Ref. No.	Part No.	Description	No. Used
●106	231854	Seat–Inlet	1
121	499220	Carburetor Kit	1
●127		Plug–Welch (Sold in Kit Only)	1
◆●137	281165	Gasket–Float Bowl	1
◆●138	281164	Washer–Float Bowl Screw	1
●142	497566	Nozzle–Carburetor	1
358	494241	Gasket Set	1
★524	281370	Seal–Fill Tube	1
★†537	281106	Gasket–Air Cleaner	1
●634	494453	Seal–Spring Assembly	1
●634A	494555	Seal–Spring Assembly	1
★842	270920	Seal–O-Ring	1
977	494385	Carburetor Gasket Set	1
●987	281166	Seal–Throttle Shaft	1
1095	498539	Gasket Set–Valve Overhaul	1

★ Included in Gasket Set–Part No. 494241.
◆ Included in Carburetor Gasket Set–Part No. 494385.
● Included in Carburetor Kit–Part No. 499220.
† Included in Valve Overhaul Gasket Set–Part No. 498539.

PEERLESS TRANSAXLE MODEL MST 205–509



PEERLESS TRANSAXLE MODEL MST 205–509

Ref. No.	Part No.	Description	No. Used
1	772137	Transaxle Cover	1
2	780086A	Needle Bearing	2
3	770123	Transaxle Case	1
4	776395	Countershaft	1
5	776397	Output Shaft	1
6	778331	Spur Gear (38 teeth)	1
6A	778332	Spur Gear (15 teeth–steel)	1
7	778330	Spur Gear (11 teeth–steel)	1
8	792136A	Shift Key	2
9	784352	Shift Collar	1
10	784378	Shift Rod & Fork	1
11	778334	Bevel Gear (30 teeth)	1
12	778309	Input Bevel Pinion (13 teeth)	1
13	778327	Bevel Gear (16 teeth–steel) (Incl. 14)	2
14	778327	Bevel Gear (16 teeth–steel) (Incl. 13)	2
15	778312A	Ring Gear (43 teeth)	1
17	786139	Drive Pin	1
18	786102	Spacer	1
18A	786175	Spacer	1
20	792077	Ball 5/16” dia	1
21	792078	Set Screw	1
22	792079	Spring	1
25	792073	Screw	18
26	792125	Retaining Ring (pkg of 2)	4
27	792035	Retaining Ring	1
28	788040	Retaining Ring	1
29	780072	Washer	6
29A	780160	Washer	1
30	780108	Washer	4
31	780001	Washer (.056 wide) (USE AS NEEDED)	2
31A	780195	Flat Washer (.062 wide)	2
32	788083	Oil Seal	1
34	780194	Bushing	2
35	780193	Flanged Bushing	4
36	790075	Brake Disk	1
37	790007	Brake Pad Plate	1
38	799021	Brake Pad (pkg of 2)	2

Ref. No.	Part No.	Description	No. Used
39	786026	Dowel Pin	2
40	792076A	Flat Washer	1
41	790080	Brake Lever	1
42	792073	Screw	2
43	792075	Locknut	1
44	790025	Brake Pad Holder	1
46	786086	Brake Lever Bracket	1
47	774690	Axle (11–15/16” long)	1
48	774691	Axle (16–1/2” long)	1
49	778356	Spur Gear (29 teeth–steel)	1
50	778354	Spur Gear (23 teeth–steel)	1
51	778344	Spur Gear (20 teeth)	1
52	778350	Spur Gear (16 teeth–steel)	1
53	778346	Spur Gear (15 teeth–steel)	1
56	778355	Spur Gear (11 teeth–steel)	1
57	778353	Spur Gear (17 teeth–steel)	1
58	778343	Spur Gear (20 teeth)	1
59	778349	Spur Gear (24 teeth–steel)	1
60	778345	Spur Gear (25 teeth)	1
63	786071	Countershaft Spacer	1
64	786072	Brake Shaft Spacer	1
65	780189	Washer	1
66	776394	Input Shaft	1
67	776396	Shifter & Brake Shaft	1
69	792170	Retaining Ring	1
70	786172	Spacer	1
71	788069	Square Cut Ring	1
71A	788092	”O” Ring	1
76	780090	Washer	1
77	788078A	Inverted Retaining Ring	1
79	792144	Spring	1
81	778338	Spur Gear (27 teeth)	1
82	778333	Bevel & Spur Gear (30 & 13 teeth)	1
85	792154	Pipe Plug	1
87	788088	Oil Seal	2
87A	788089	Oil Seal	1
150	788093	Liquid Gasket RTV Silicone	1
150A	788094	Liquid Gasket Loctite #242	1
180	730229A	Gear Oil 80W90	1

Maintenance Record

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TORO®