



13-32XLE

Wheel Horse[®] Lawn Tractor

Model No. 71209-210000001 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 79095 or 79096
Twin Bag Bagger Kit	Model 79085 or 79086
Recycler Kit	Model 59167
Hi-Sail Bagging Blade (Std) ...	Part No. 33-4750
Wet Grass Bagging Kit (Std) ...	Part No. 38-5730

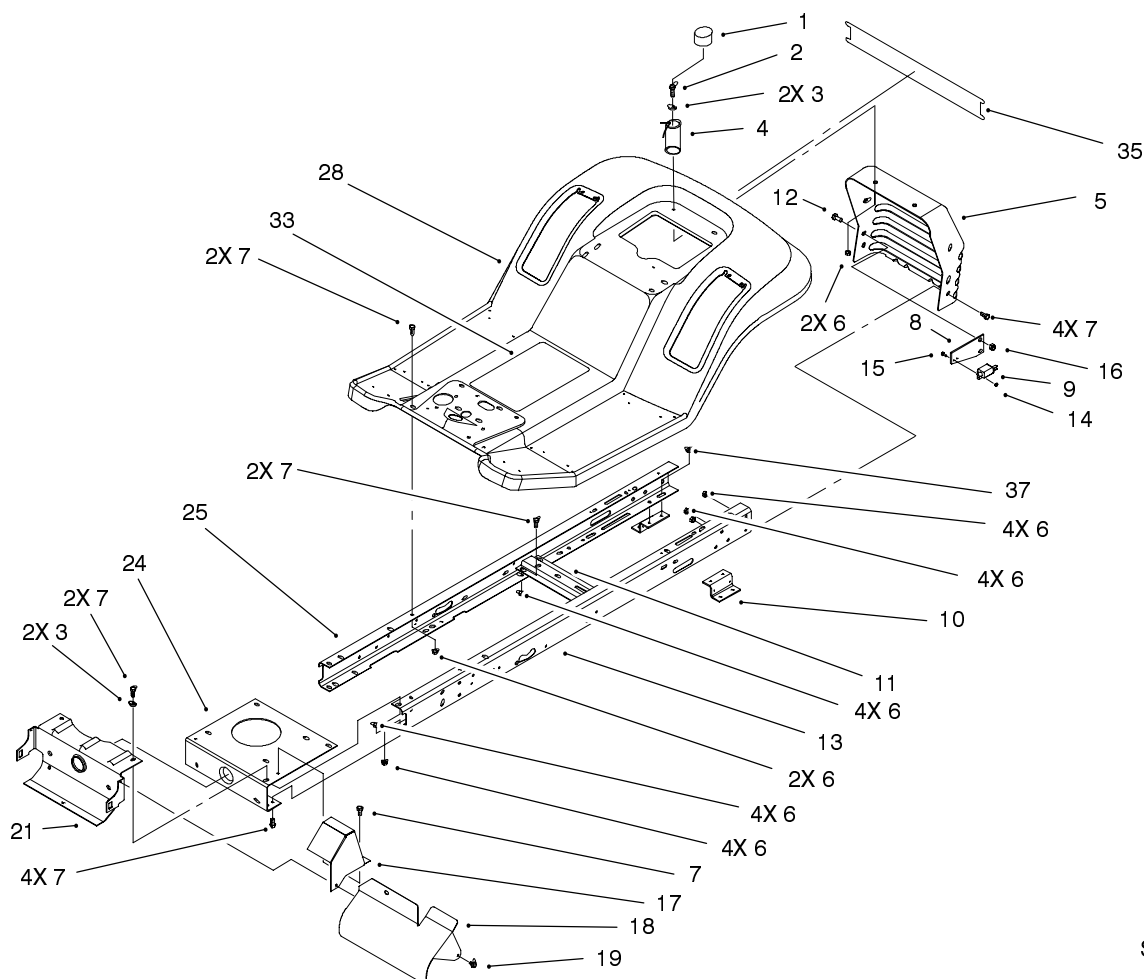
Description	Model / Part No.
Tire Chains	Part No. 47-7220
Headlight Kit	Model 79180
42" (106.7 cm) Snowblade Kit	Model 79150
Wheel Weight Kit	Model 59159
Exhaust Deflector Kit	Part No. 94-6872

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

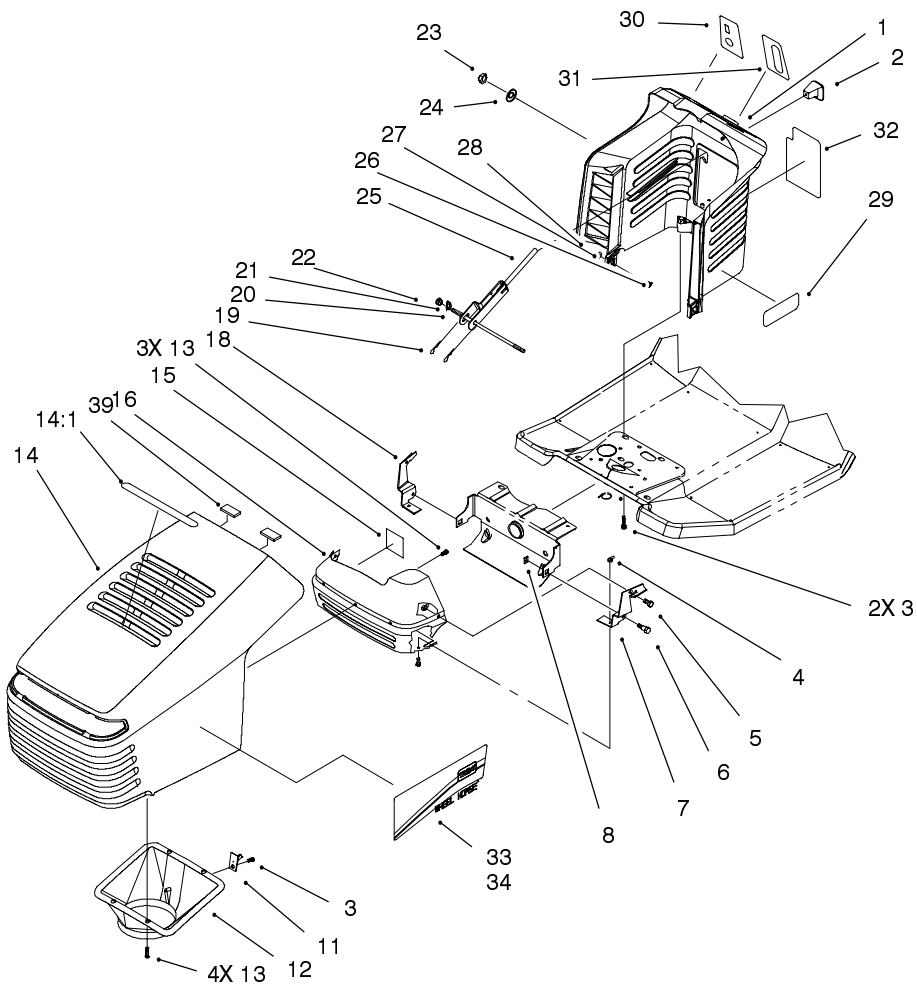
Abbreviation	Meaning
HYD	hydraulic
INC	incorporated
LH	left hand
NI	nylon insert
PPH	Phillips pan head
PTH	Phillips truss head
PTO	power take off
RH	right hand
SFH	slotted fillister head
SHH	slotted hex head
SQH	square head
SHWH	slotted hex washer head
SPH	slotted pan head
SRH	slotted round head
STD	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
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 - HHF
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
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
33	93-6675	1	Decal - Gear Instr. Intl
35	95-0809	1	Decal-Rear Body
37	3256-23	2	Washer-Flat

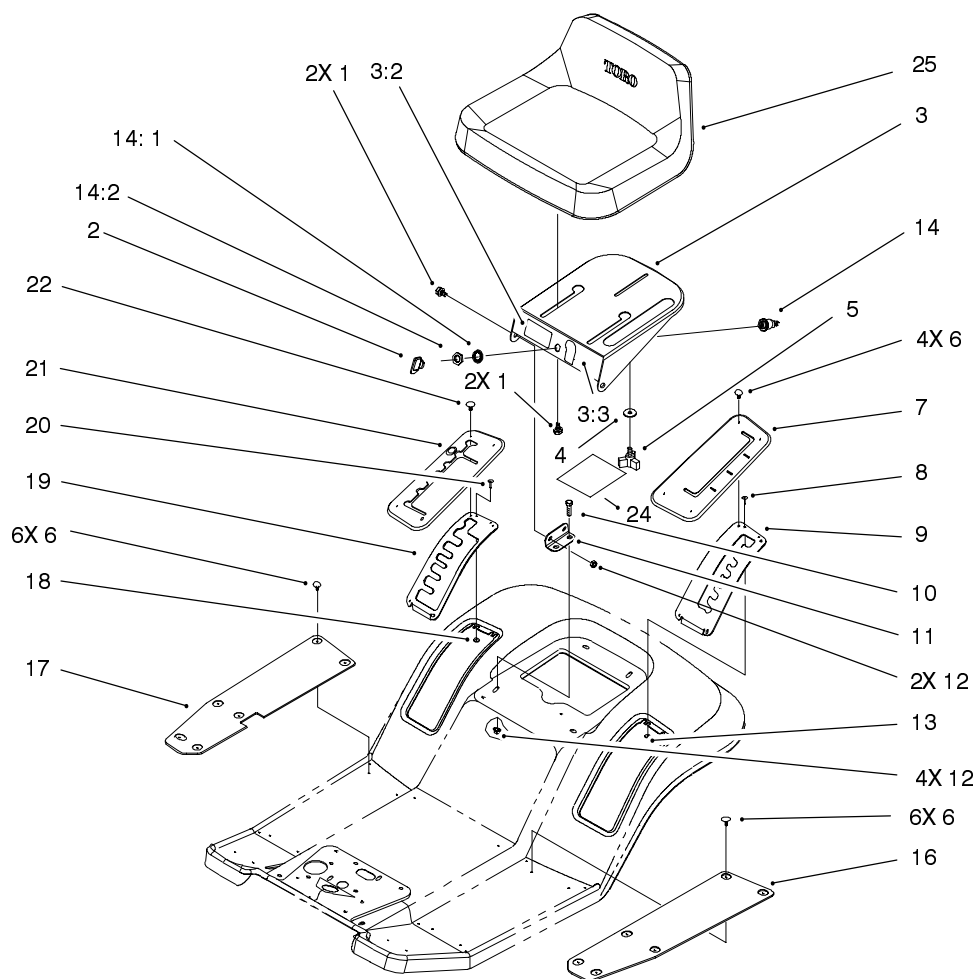


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Hood & Tower Assembly

Ref. No.	Part No.	Qty.	Description
1	99-1947	1	Tower-Steering
2	94-5565	1	Knob - Shift
3	46-8091	3	Screw-HWH
4	3296-42	4	Nut-Lock NI
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	92-5748	1	Decal-Air Duct Toro
15	92-5782	3	Tape-Foil
16	88-3930-03	1	Shield-Heat
18	88-6040-03	1	Bracket-RH Hinge
19	3290-307	2	Pin-Hair
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	Lever-Deck Engage
26	3296-29	2	Nut-Lock
27	3256-23	2	Washer-Flat

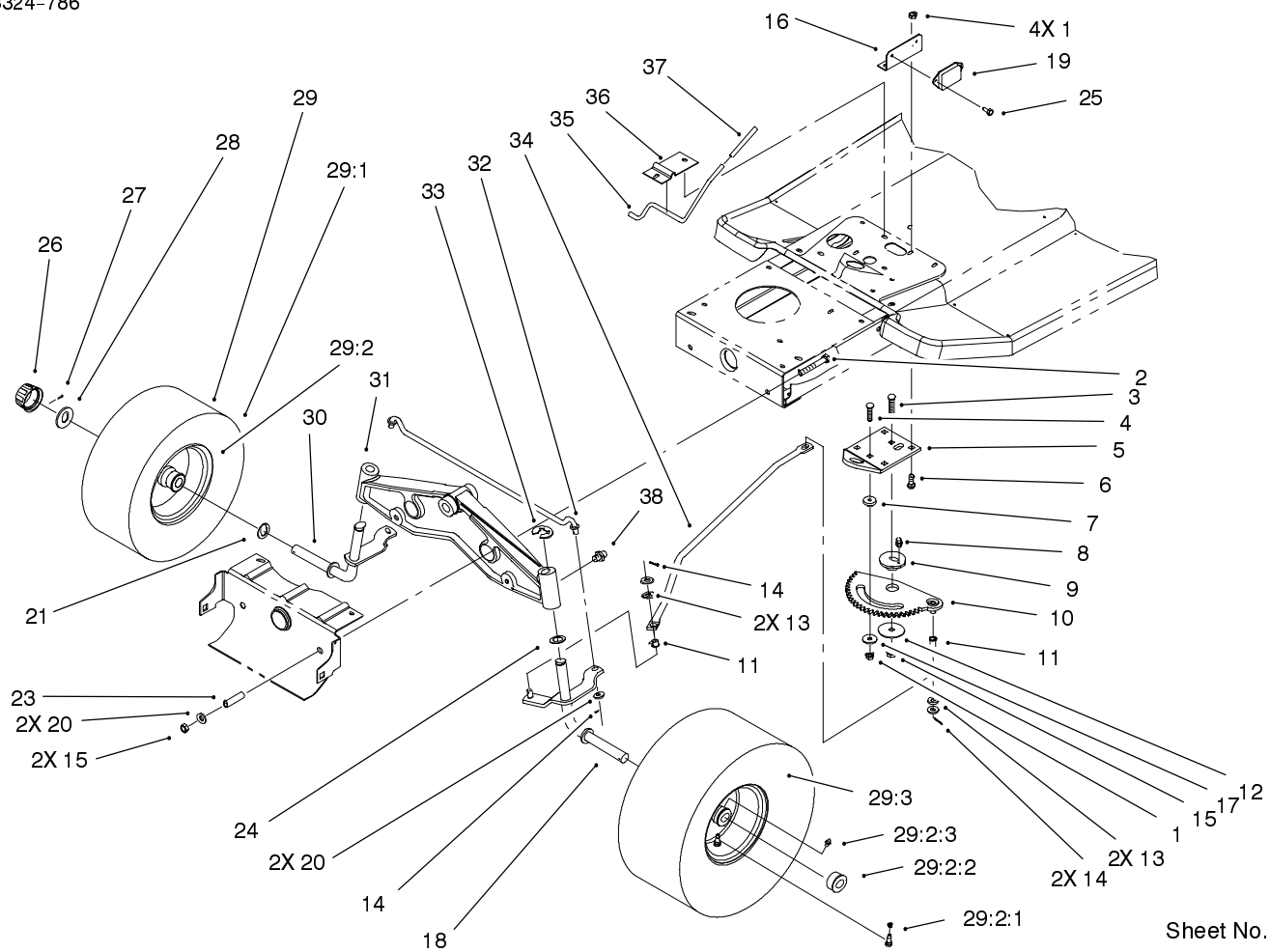
Ref. No.	Part No.	Qty.	Description
28	322-3	2	Screw-HH
29	99-8138	2	Decal-1332 XI
30	99-8142	1	Decal-Ignition
31	92-5730	1	Decal - Throttle
32	93-6673	1	Decal - Deck Engage
33	95-0808	1	Decal - Hood Left
34	95-0807	1	Decal - Hood Right
39	94-1980	2	Foam - Hood



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Rear Body & Seat Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	37-8770	4	Bolt-Shoulder	24	114621	1	Decal-Europe
2	63-8360	1	Key-Ignition	25	88-3950	1	Seat - Medium Back
3	99-5831	1	Seat Support ASM				
3:2	99-2986	1	Decal-Danger				
3:3	99-5340	1	Decal-Switch				
4	5-4460	1	Washer-Pivot				
5	92-9674	1	Knob				
6	3290-479	16	Fastener-Panel				
7	93-7657	1	Cover - HOC				
8	3290-282	2	Rivet-Pop, Steel				
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				
14:1	3254-5	1	Washer-Lock, Internal				
14:2	218-461	1	Nut-HH				
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-Pop, Steel				
21	93-7656	1	Cover - Shift				
22	3290-479	4	Fastener-Panel				

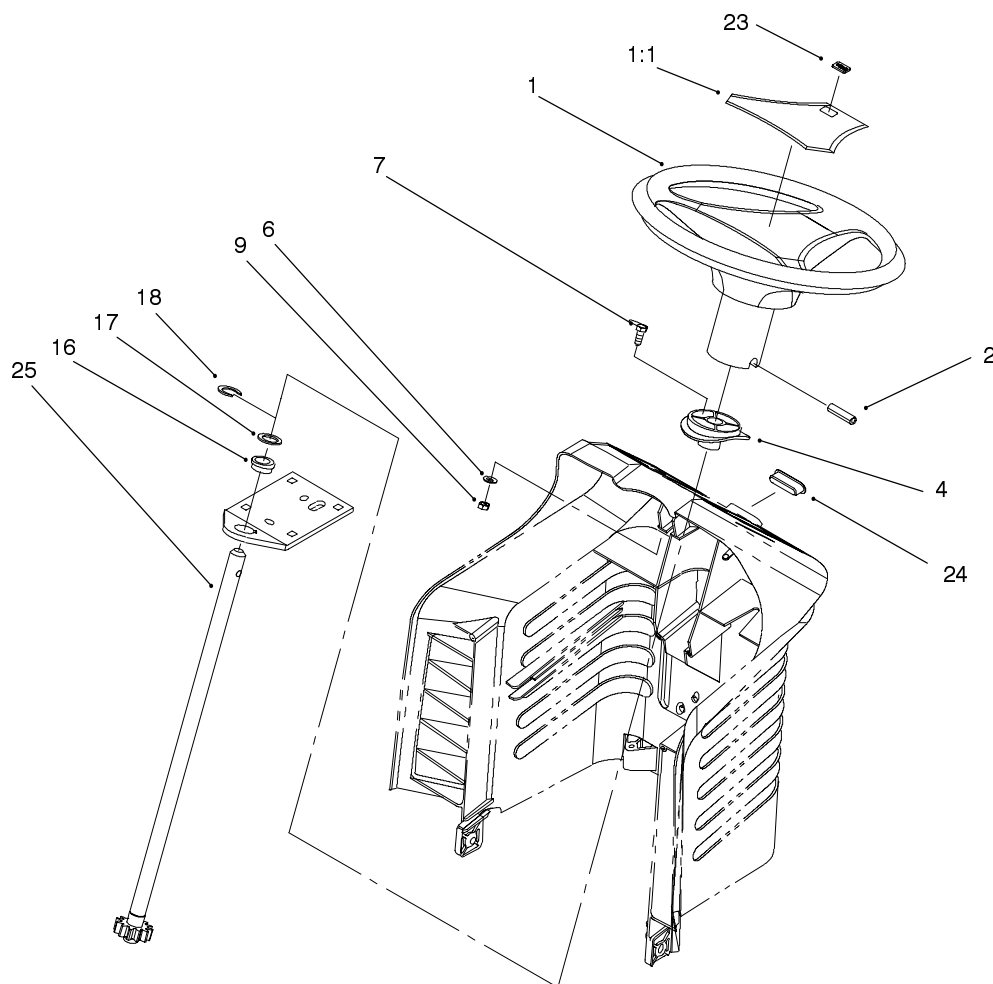


Steering Components Assembly

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	Rack-Steering
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	Spindle-LH
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	2	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, 13"
29:1	99-2992	1	Tire
29:2	99-6828	1	Rim ASM-Welded
29:2:1	232-27	1	Stem-Valve
29:2:2	110513	2	Bearing-Wheel
29:2:3	302-5	1	Fitting-Grease
29:3	232-38	1	Tube
30	92-7889-03	1	Spindle-RH
31	99-6844-03	1	Axle-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
38	302-5	2	Fitting-Grease

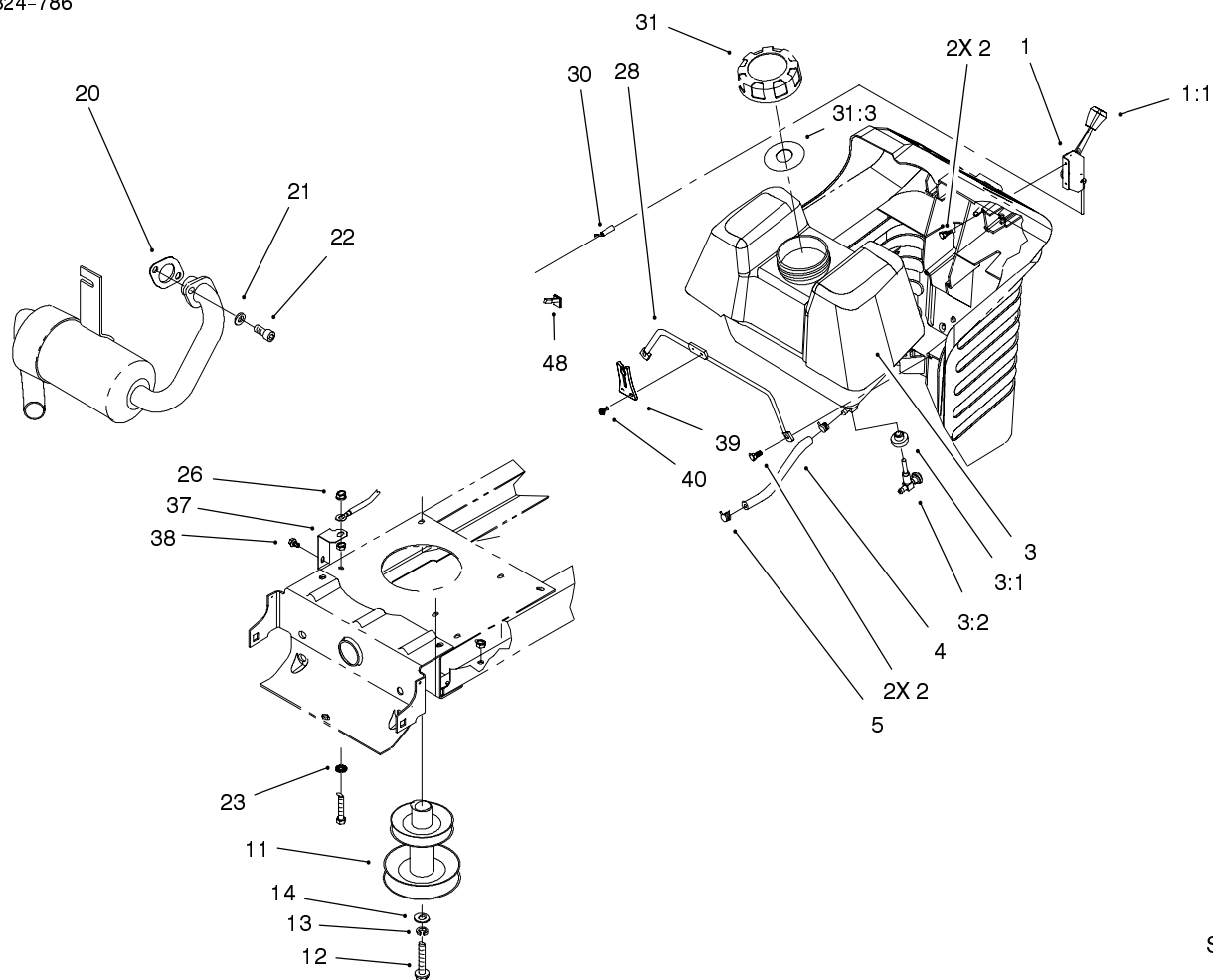
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Fixed Steering Assembly

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 NI
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	Shaft-Long Steering

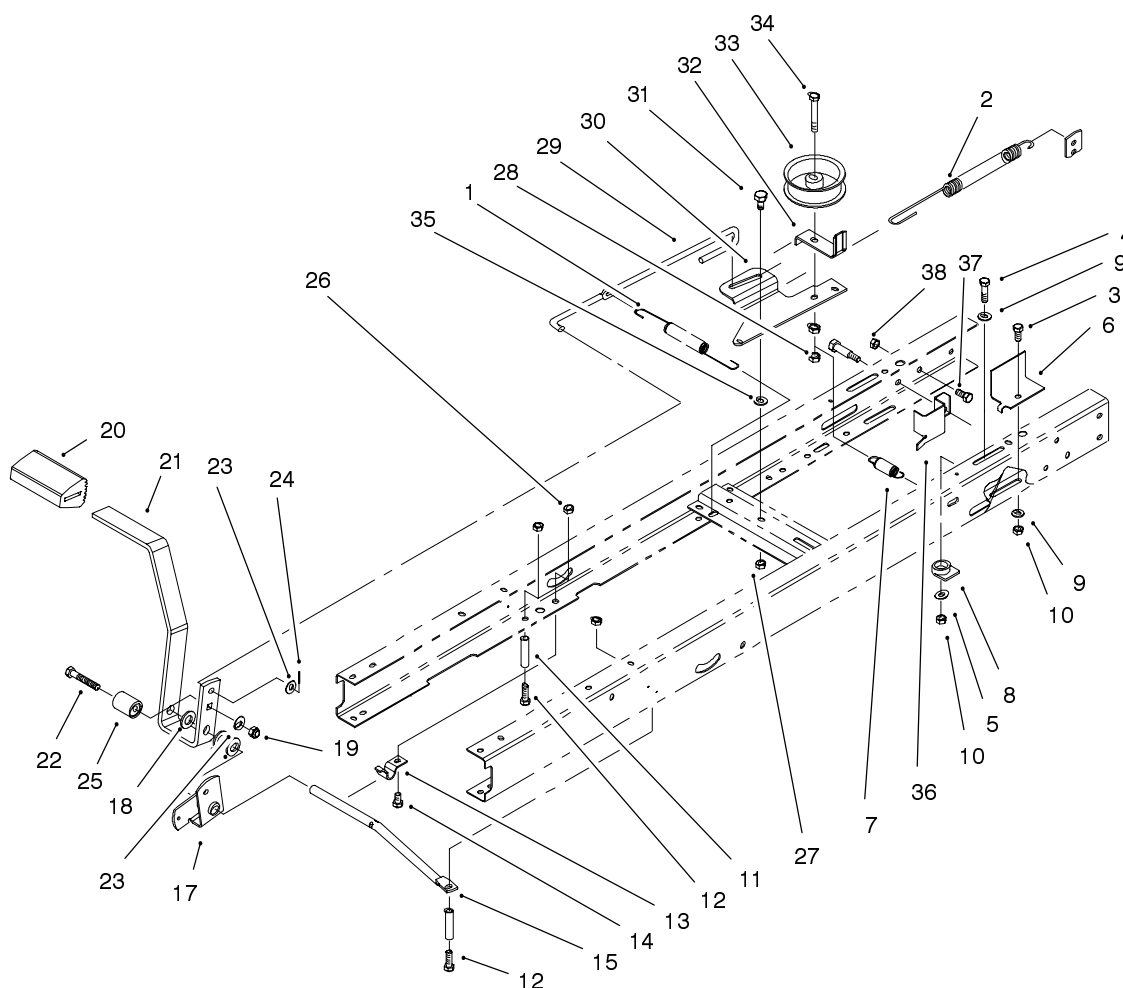


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Engine Systems Components Assembly

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
14	3256-25	1	Washer-Flat
20	88-4410	1	Gasket-Muffler
21	3253-4	2	Washer-Lock
22	3274-10	2	Screw-HSH
23	3255-8	1	Washer-Lock/Ext
26	32149-1	2	Nut
28	94-1952	1	Rod - Gas Tank
30	88-4350	1	Cable-Throttle
31	88-3980	1	Gas Cap ASM
31:3	88-4010	1	Gasket-Cap, Gas
37	93-3809	1	Bracket- Ground
38	9266714	1	Screw-HWH
39	94-1951	1	Latch - Hood
40	32144-112	2	Screw-HWHTF
48	88-4490	1	Reducer-Throttle Rpm

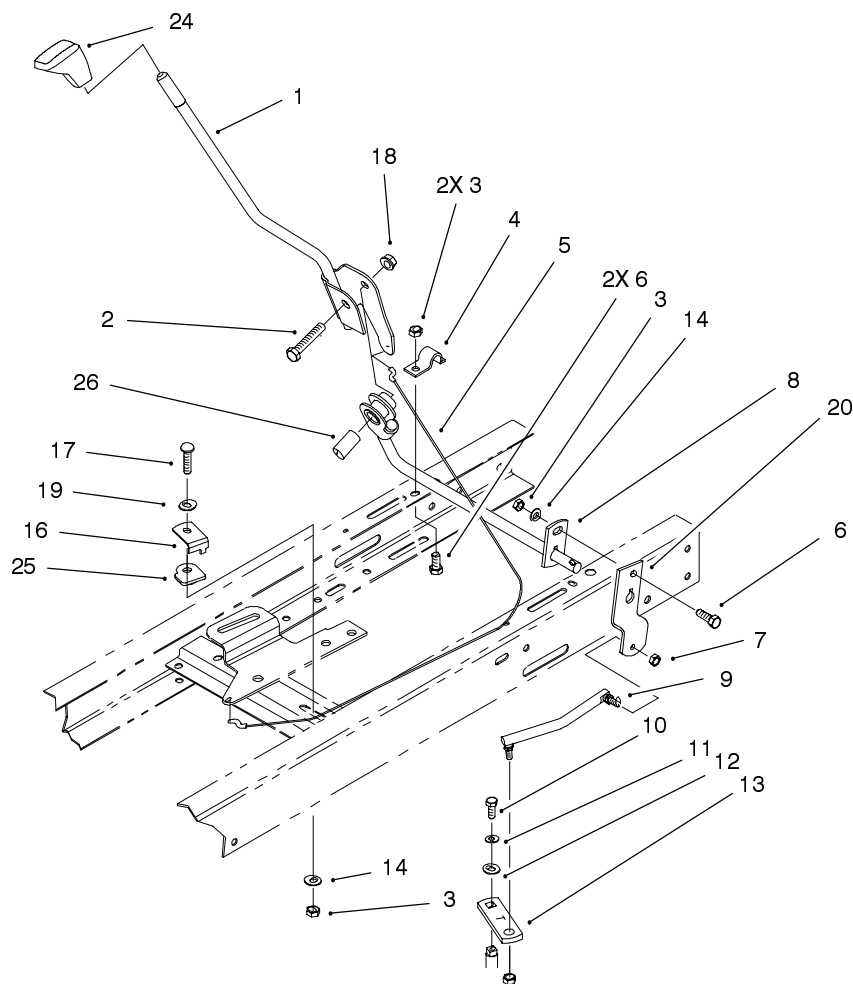
Ref. No.	Part No.	Qty.	Description



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Traction Clutching Components Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	27-8890	1	Spring-Return	28	3296-59	2	Nut-Lock NI
2	94-4295	1	Spring - Brake	29	88-5270	1	Rod-Clutch/Brake
3	322-3	1	Screw-HH	30	88-6070	1	Arm-Idler
4	322-6	1	Screw-HH	31	37-8770	1	Bolt-Shoulder
5	5-4460	1	Washer-Pivot	32	88-5560	1	Guide-Idler Belt
6	94-5433	1	Bracket - Belt Guide	33	104-4160	1	Pulley-Idler
7	88-6330	1	Spring - Extension	34	323-10	1	Screw-HH
8	84-5610	1	Guide-Cable	35	5-4460	1	Washer-Pivot
9	3256-23	2	Washer-Flat	36	94-4926	1	Bracket - Belt Guide
10	3296-29	2	Nut-Lock	37	322-3	1	Screw-HH
11	46-5590	2	Tubing-Spacer	38	3296-29	1	Nut-Lock
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	3	Washer-Flat				
19	3296-47	1	Nut-Lock, NI				
20	65-2920	1	Pad-Pedal				
21	88-5000-03	1	Pedal-Clutch/Brake				
22	322-9	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				

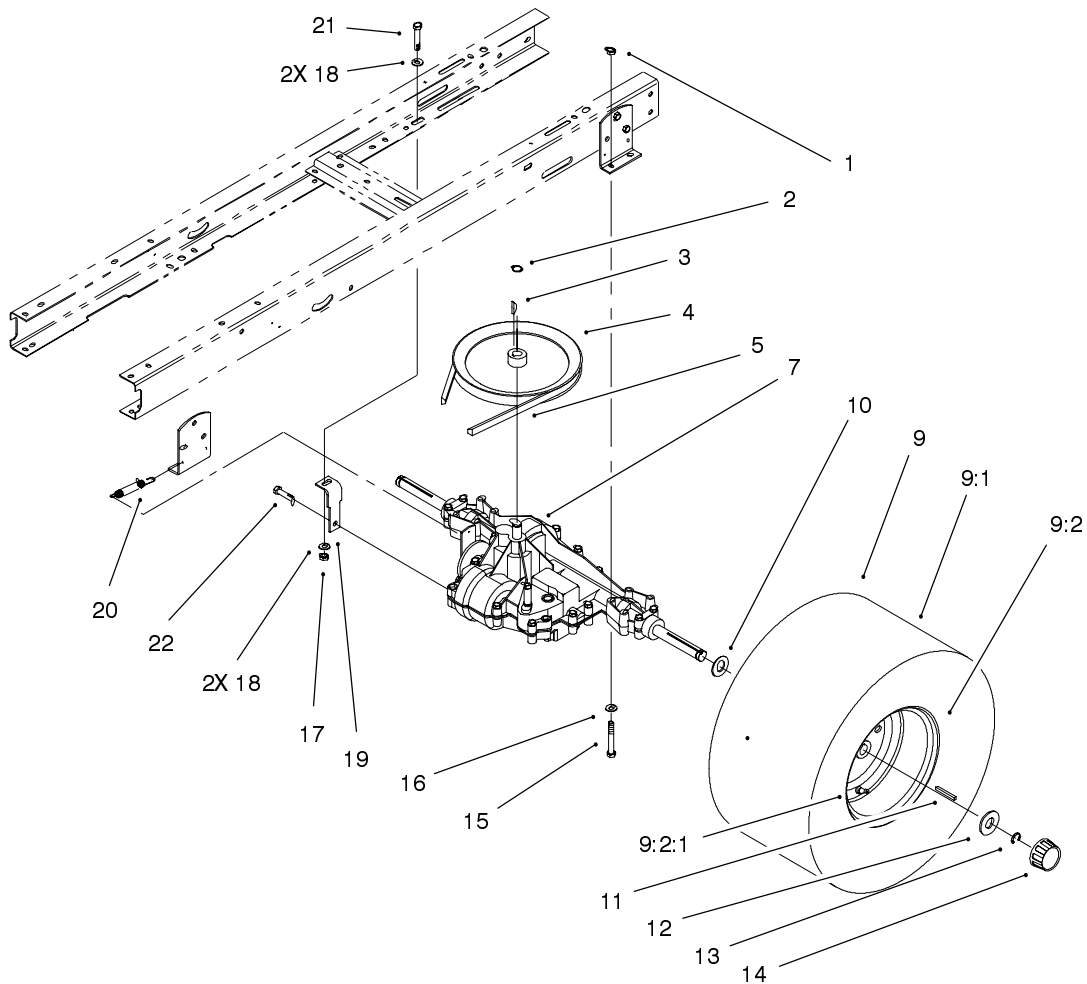


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Shifting Components Assembly

Ref. No.	Part No.	Qty.	Description
1	94-1991-03	1	Lever-Shift
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
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



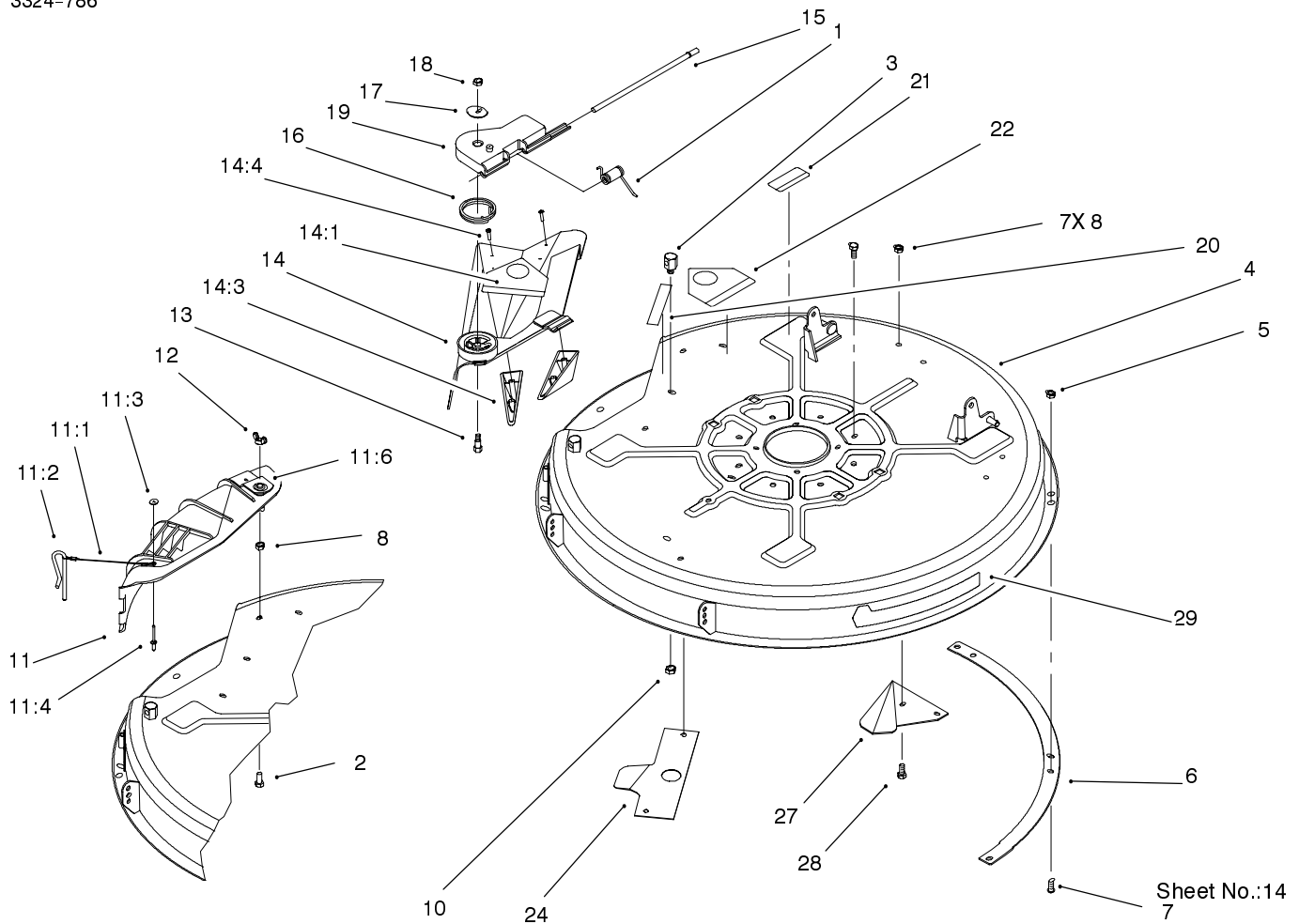
Sheet No.:11

5 Speed Transaxle Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3296-29	4	Nut-Lock				
2	32120-64	1	Ring-Snap, External				
3	3257-23	1	Key-Woodruff				
4	88-4840	1	Pulley - Transmission				
5	94-4291	1	V-Belt, 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				
*	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				

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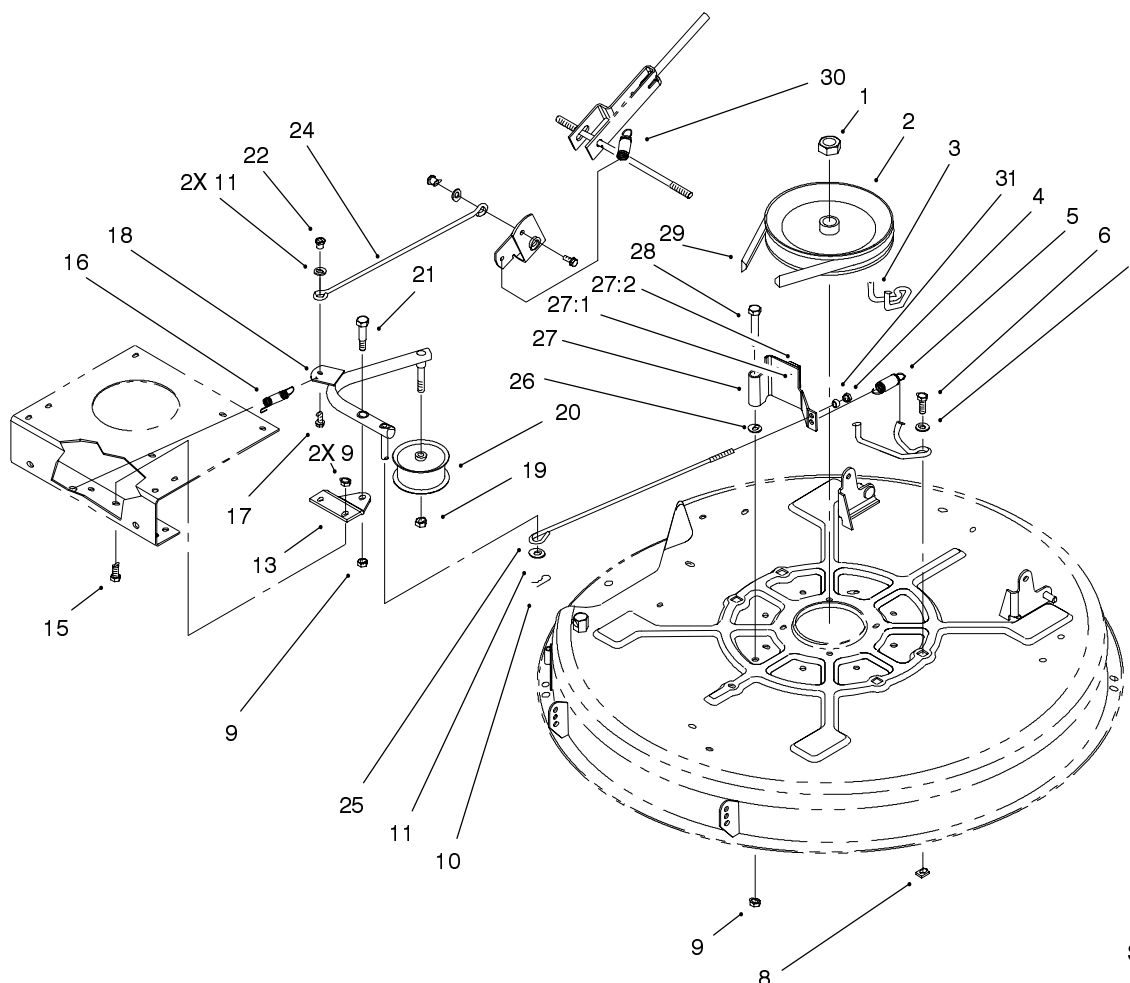
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32" Deck Components Assembly

Ref. No.	Part No.	Qty.	Description
1	92-2493	1	Spring
2	322-6	1	Screw-HH
3	28-7350	1	Post-Pivot
4	95-7483	1	Deck ASM
5	3296-29	8	Nut-Lock
6	80-4490-03	4	Ring-32 In.deck
7	322-3	8	Screw-HH
8	3296-29	8	Nut-Lock
10	3296-59	1	Nut-Lock NI
11	82-6150	1	Discharge Cover ASM
11:1	28-8070	1	Lanyard
11:2	28-8130	1	Pin-Chute Locking
11:3	3256-49	1	Washer-Flat
11:4	3290-282	2	Rivet-Pop, Steel
11:6	83-7010-03	1	Brace
12	32103-2	1	Nut-Wing
13	92-8916	1	Bolt - Shoulder
14	93-7694	1	32" Deflector ASM
14:1	93-7010	1	Decal - Danger
14:3	93-7696	2	Kicker
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 NI
19	88-4540	1	Pivot-Hinge Deflector

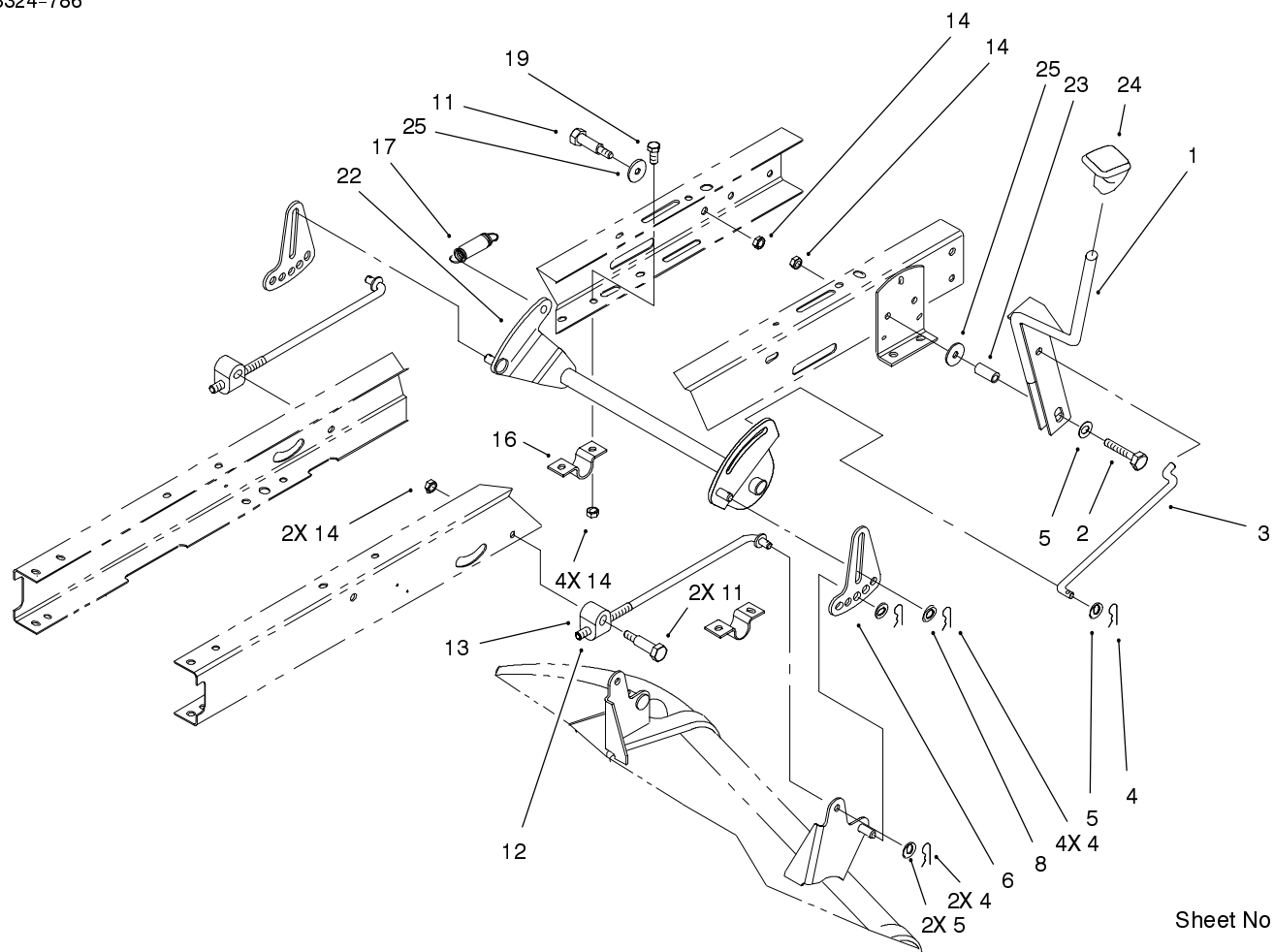
Ref. No.	Part No.	Qty.	Description
20	93-7009	1	Decal-Danger
21	93-6674	2	Decal - Warning
22	93-7010	2	Decal - Danger
24	92-2494-03	1	Ramp-Deflector
27	80-2630-03	4	Kicker
28	322-3	7	Screw-HH
29	100-6202	1	Decal - Recycler 32"



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32" Deck Blade Drive & Braking Components Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	3219-7	1	Nut-Hex	27:2	56-9830	1	Pad-Brake
2	88-5060	1	Pulley-Deck	28	88-4590	1	Bolt-Shoulder
3	88-5760	2	Guide-Deck Belt	29	88-6260	1	V-Belt
4	3296-42	1	Nut-Lock NI	30	88-6420	1	Spring-Cable ASM
5	88-6330	1	Spring - Extension	31	67-0710	1	Ball-Swivel Stop
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	Pin-Hair				
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	Arm-Idler				
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-Pop, Steel				

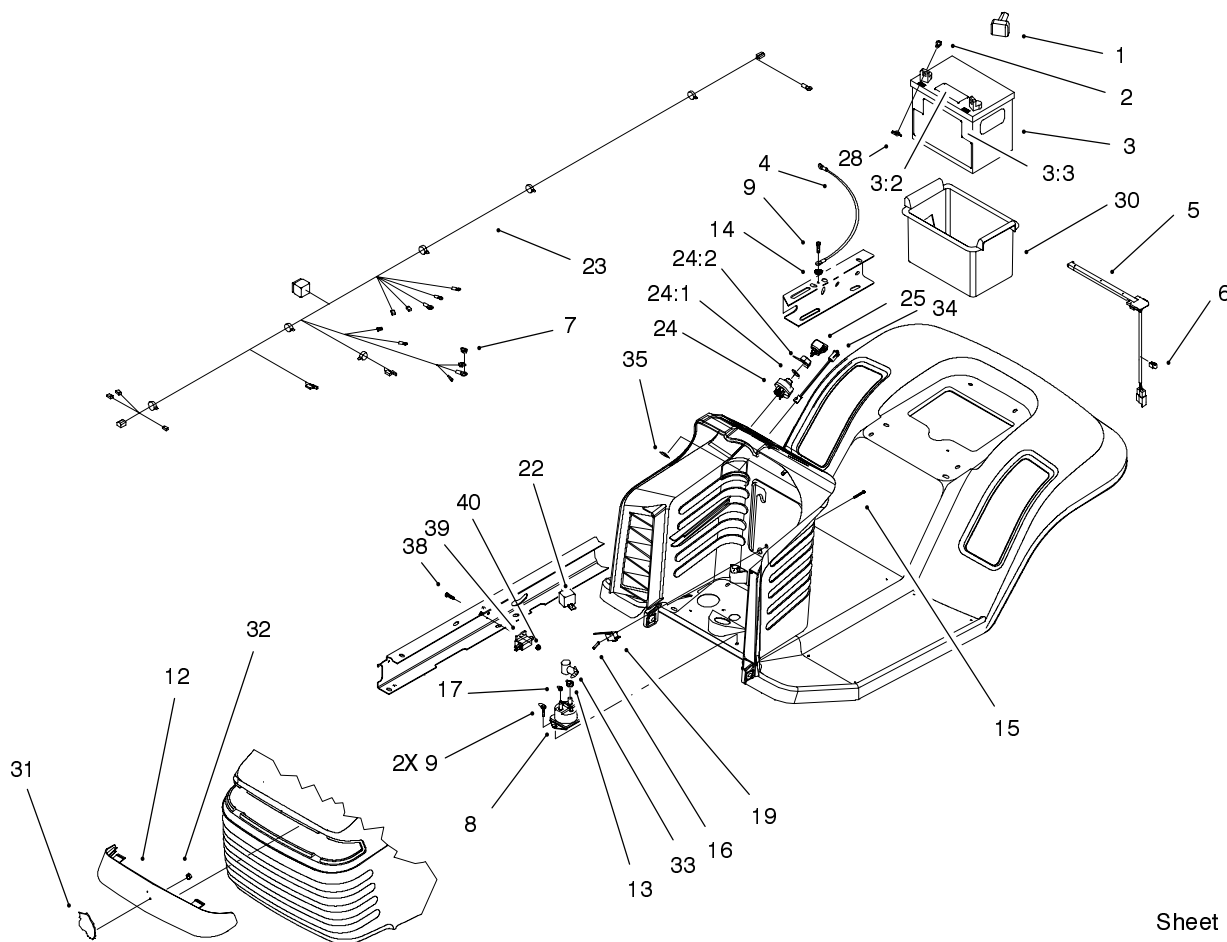


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Height of Cut Components Assembly

Ref. No.	Part No.	Qty.	Description
1	93-3822-03	1	Lever
2	322-39	1	Screw-HH
3	88-5900	1	Link-HOC
4	3290-307	7	Pin-Hair
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
23	65-7210	1	Spacer
24	94-5565	1	Knob - Shift
25	5-4460	2	Washer-Pivot

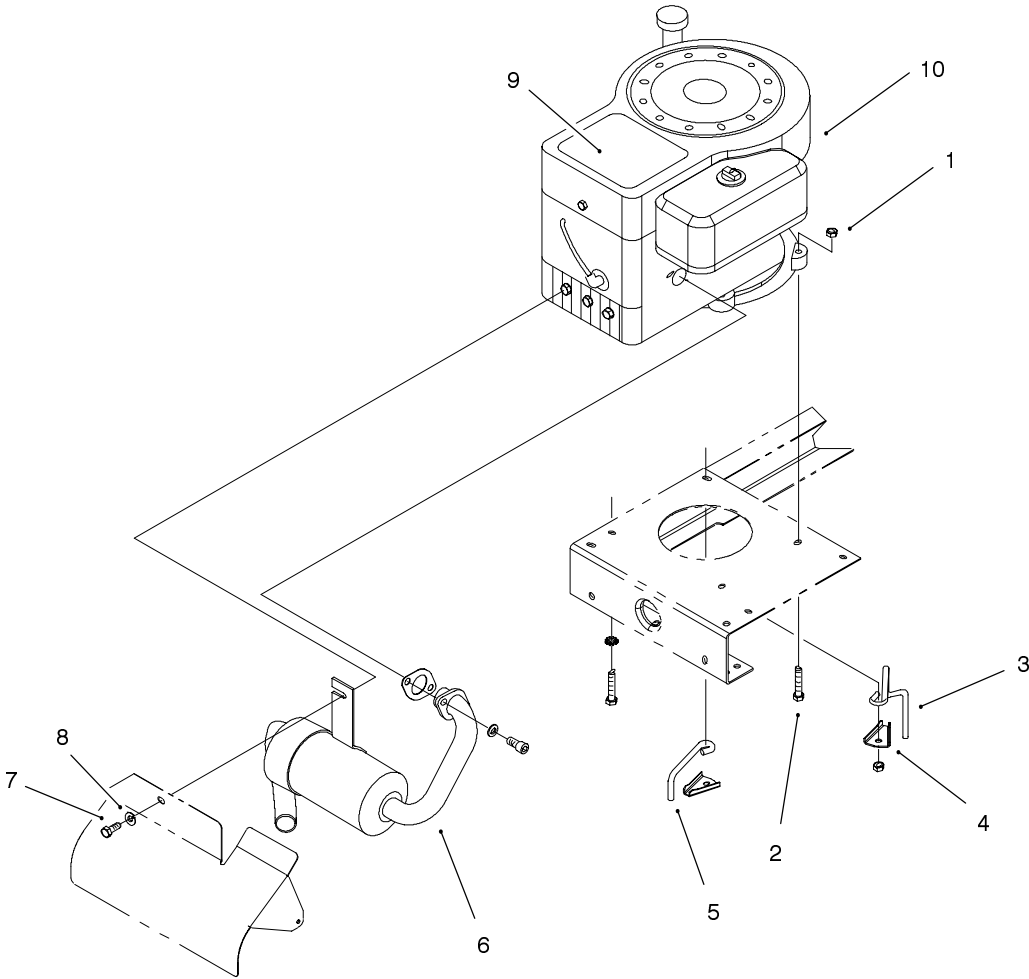
Ref. No.	Part No.	Qty.	Description



Sheet No.:20

Electrical Components Assembly

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	28-8080	1	Boot-Terminal	31	80-2240	1	Emblem-Grille Whlhorse
2	321-4	2	Screw-HH	32	3290-299	1	Clip
3	104-1755	1	Battery-155 Cca	33	93-3190	1	Boot-Terminal Insulator
3:2	104-4163	1	Decal-Battery	34	95-7652	1	Light - Indicator
3:3	104-4164	1	Decal-Battery	35	99-6059	1	Clip-Retainer
4	44-8110	1	Wire ASM	38	3274-14	2	Screw-HSH
5	38-1420	1	Switch-Seat	39	65-7410	1	Switch - Single Pole
6	702366	1	Clip-Wire Retainer	40	3296-2	2	Nut-Lock
7	32149-2	1	Nut				
8	28-4210	1	Solenoid				
9	9266714	3	Screw-HWH				
12	88-3960	1	Lens-Headlight				
13	32149-1	2	Nut				
14	3255-7	2	Washer-Lock/Ext				
15	93-0539	2	Screw-HH				
16	3290-354	1	Nut-Speed				
17	32149-8	2	Nut-Keps				
19	88-9932	1	Switch-Micro				
22	98-7249	1	Relay				
23	99-6841	1	Harness-Wire, Gear				
24	88-9830	1	Switch-Ignition				
24:1	3254-5	1	Washer-Lock, Internal				
24:2	218-461	1	Nut-HH				
25	63-8360	1	Key-Ignition				
28	32103-22	2	Nut-Wing				
30	88-4040	1	Box-Battery				



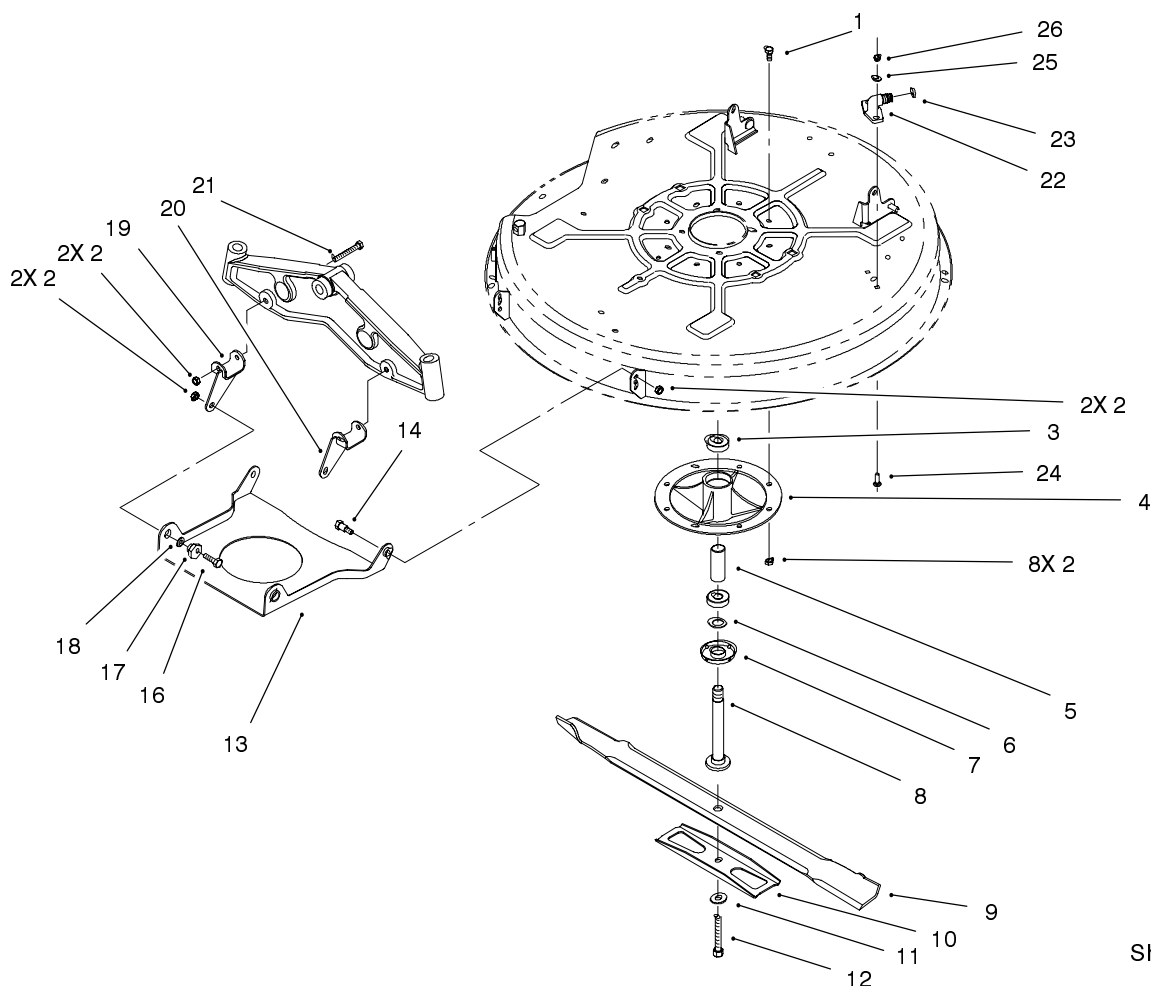
Sheet No.:25

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
7	321-4	1	Screw-HH
8	3253-3	1	Washer-Lock
9	92-8757	1	Decal - Engine
☆10		1	Engine-13hp B&s Model 28m707-1122-E1

Ref. No.	Part No.	Qty.	Description

☆ Not serviced



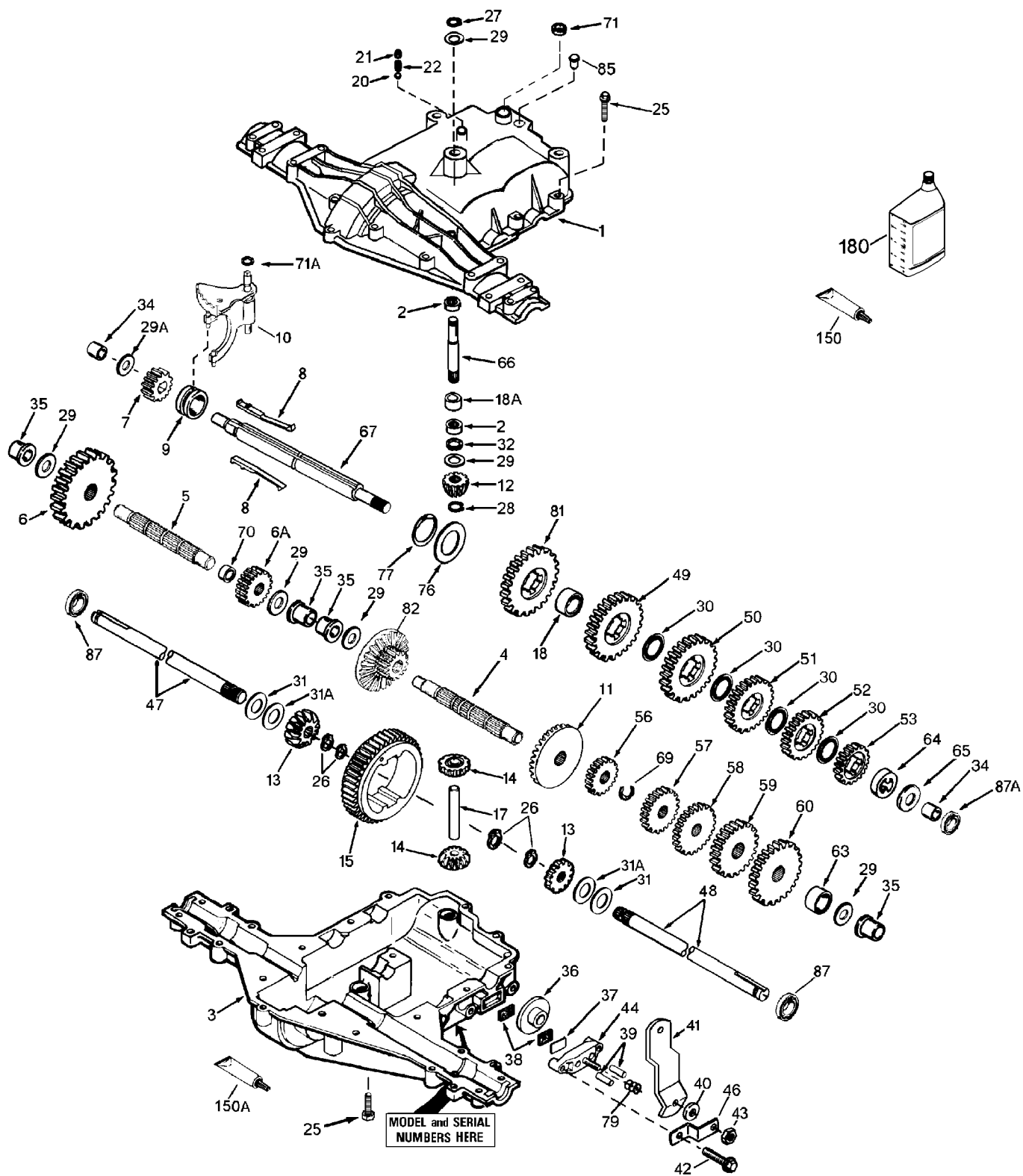
Sheet No.:26

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	80-4430	1	Blade - Recycler
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, NI

Ref. No.	Part No.	Qty.	Description

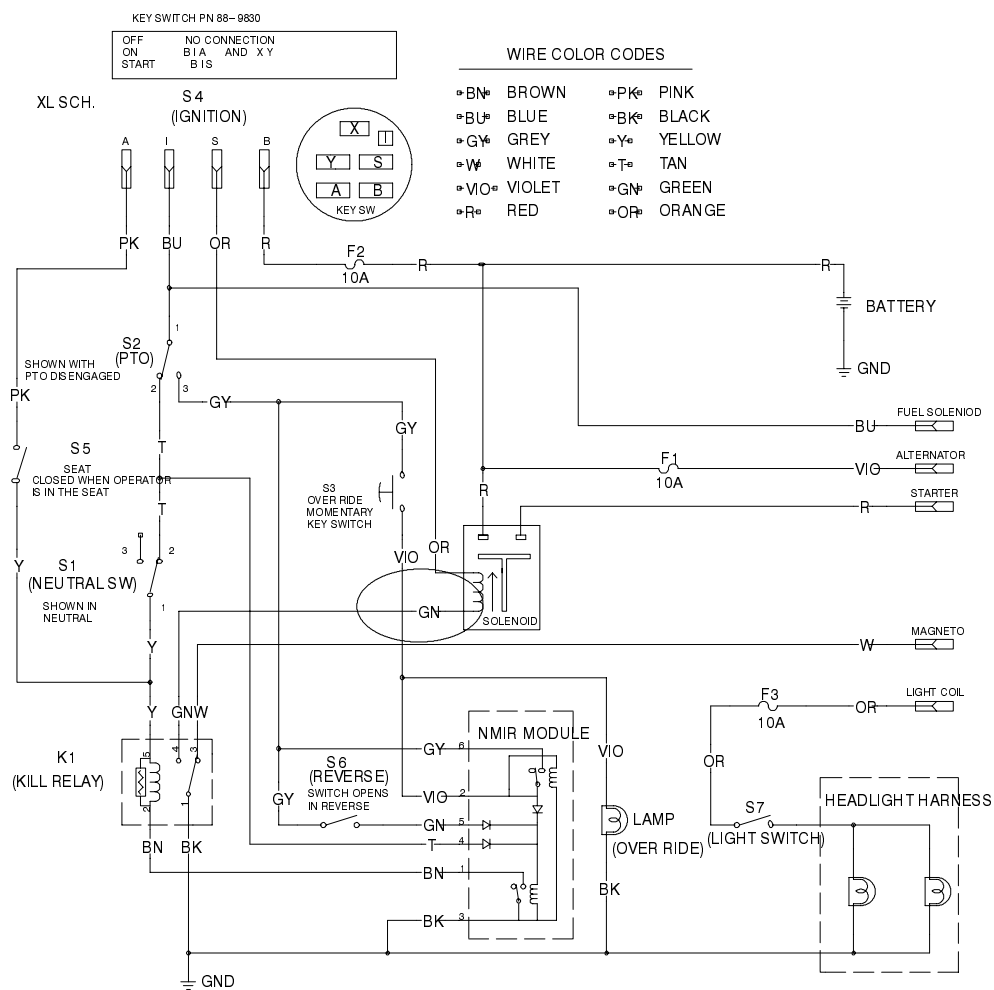
PEERLESS TRANSAXLE MODEL MST 205-509



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)	2
		(Incl. 14)	
14	778327	Bevel Gear (16 teeth-steel)	2
		(Incl. 13)	
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

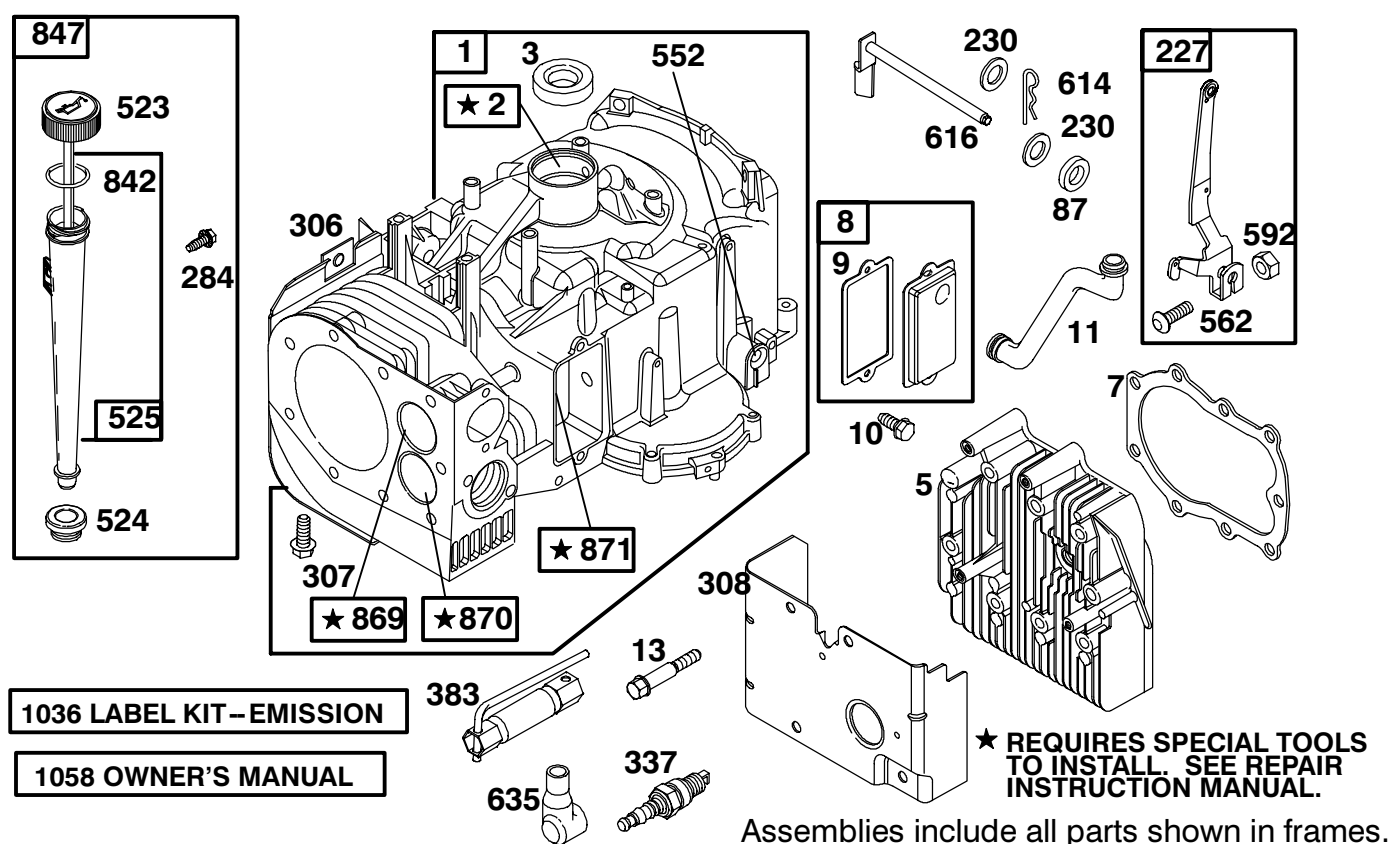


Sheet No.:21

Wire Schematic

Ref. No.	Part No.	Qty.	Description

Ref. No.	Part No.	Qty.	Description

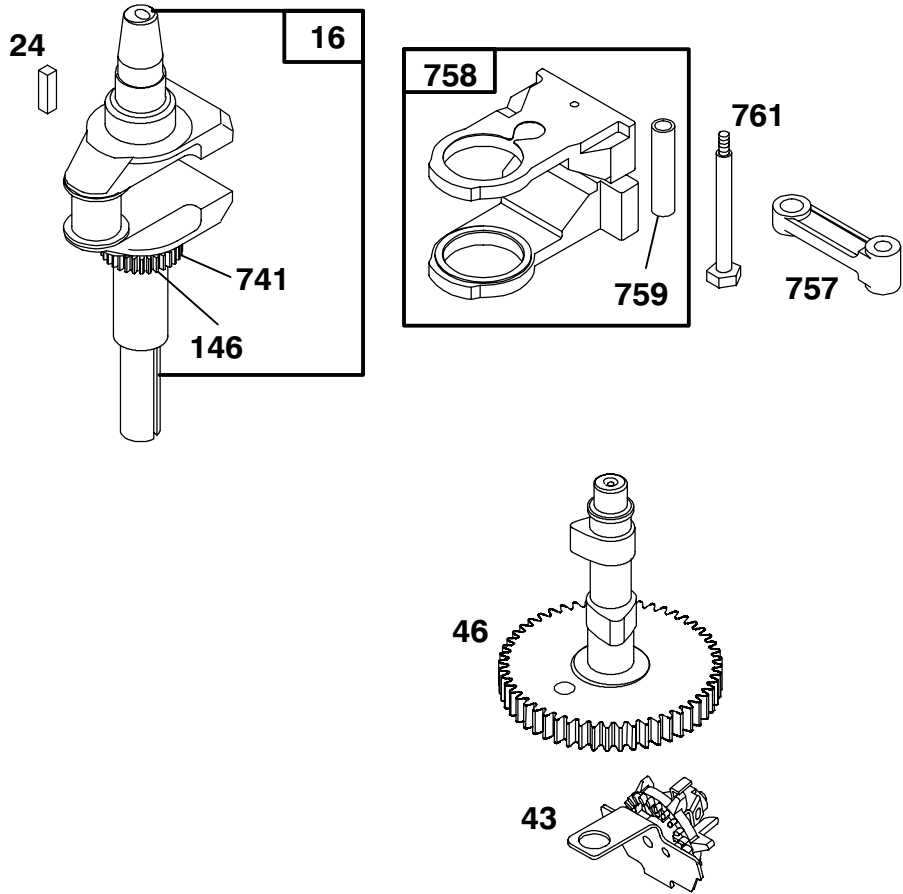


Sheet No.:

ENGINE BRIGGS & STRATTON MODEL 28M707-1122-E1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	496413	1	Cylinder Assembly	592	231978	1	Nut-Hex.
2	399265	1	Bushing	614	93306	1	Pin-Cotter
★3	391086	1	Seal-Oil	616	495157	1	Crank-Governor
5	494240	1	Head-Cylinder	635	66538	1	Boot-Spark Plug
†★7	271866	1	Gasket-Cylinder Head	★842	270920	1	Seal-O-Ring
8	495735	1	Breather Assembly	847	496415	1	Dipstick/Tube Assembly
†★9	27803	1	Gasket-Valve Cover	869	261463	1	Seat-Intake Valve
10	94621	1	Screw-Sem	870	262924	1	Seat-Exhaust Valve
11	280100	1	Tube-Breather	871	261961	1	Bushing-Valve Guide (Exhaust)
13	94622	1	Screw-Cylinder Head	Note: 231218 Bushing-Valve Guide (Intake)			
★87	491323	1	Seal-Governor Shaft				
227	493935	1	Lever-Governor				
230	94927	1	Washer-Flat				
284	94903	1	Screw-Shoulder	1036	499362	1	Label Kit-Emission
306	224545	1	Shield-Cylinder	1058	273681	1	Owner's Manual
307	94930	1	Screw-Hex. Head				
308	491490	1	Cover-Cylinder Head				
337	802592	1	Plug-Spark				
383	89838	1	Wrench-Spark Plug				
523	495230	1	Dipstick				
★524	281370	1	Seal-Fill Tube				
525	496113	1	Tube-Oil Fill				
552	491986	1	Bushing-Gov. Crank				
		1	Note: Includes Seal, Ref. No. 87				
562	94907	1	Bolt-Governor Lever				

† Included in Valve Overhaul Gasket Kit-Part No. 498539. ★ Included in Gasket Set-Part No. 494241.



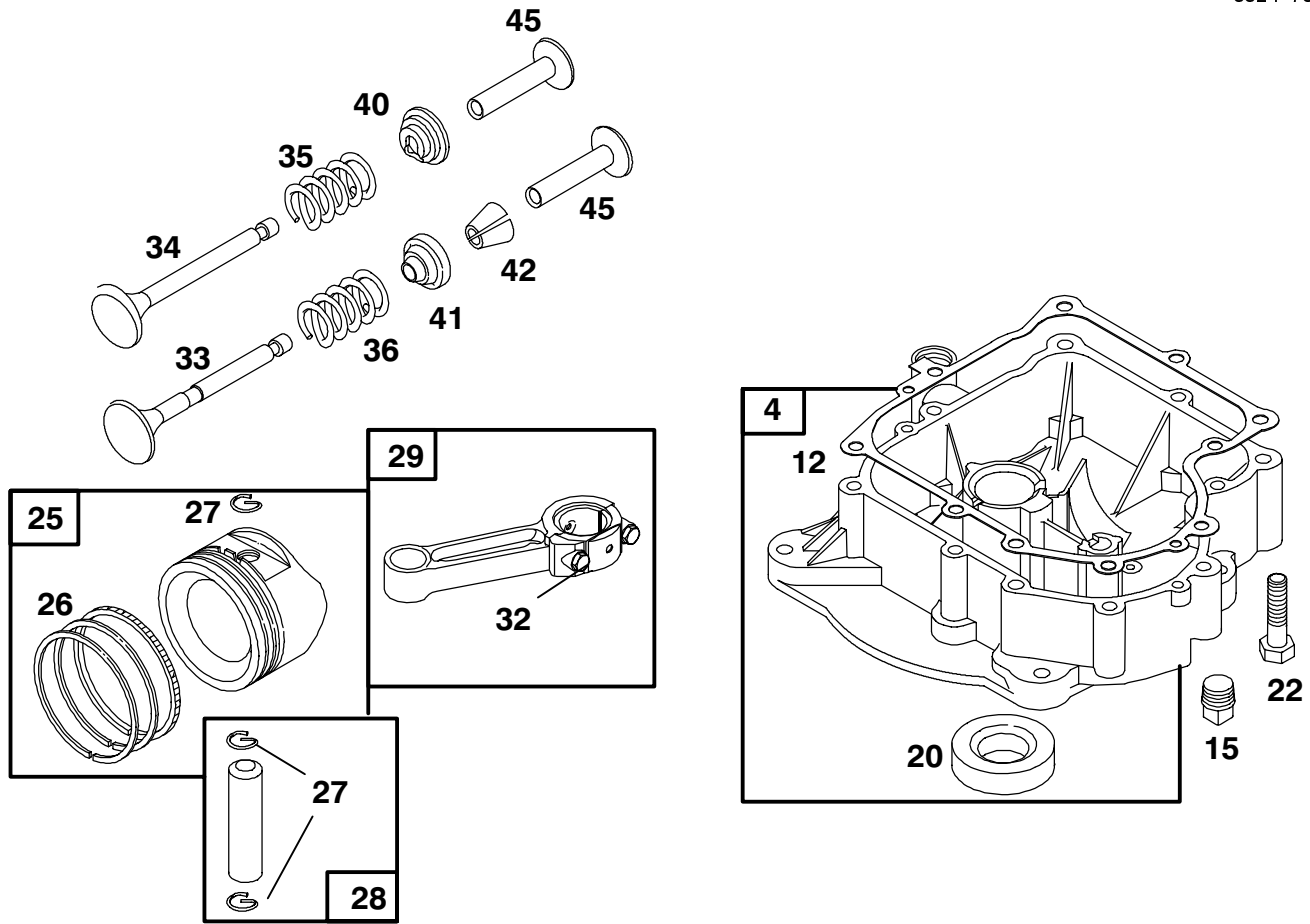
Assemblies include all parts shown in frames.

Sheet No.:

ENGINE BRIGGS & STRATTON MODEL 28M707-1122-E1

Ref. No.	Part No.	Qty.	Description
16	498971	1	Crankshaft
24	222698	1	Key - Flywheel
43	490815	1	Governor/Oil Slinger
46	212897	1	Gear - Cam
146	94196	1	Key - Timing
741	262932	1	Gear - Timing
757	213998	1	Link - Counterweight
758	399891	1	Counterweight
759	230787	1	Pin - Counterweight
761	94593	1	Screw - Counterweight

Ref. No.	Part No.	Qty.	Description



Sheet No.:

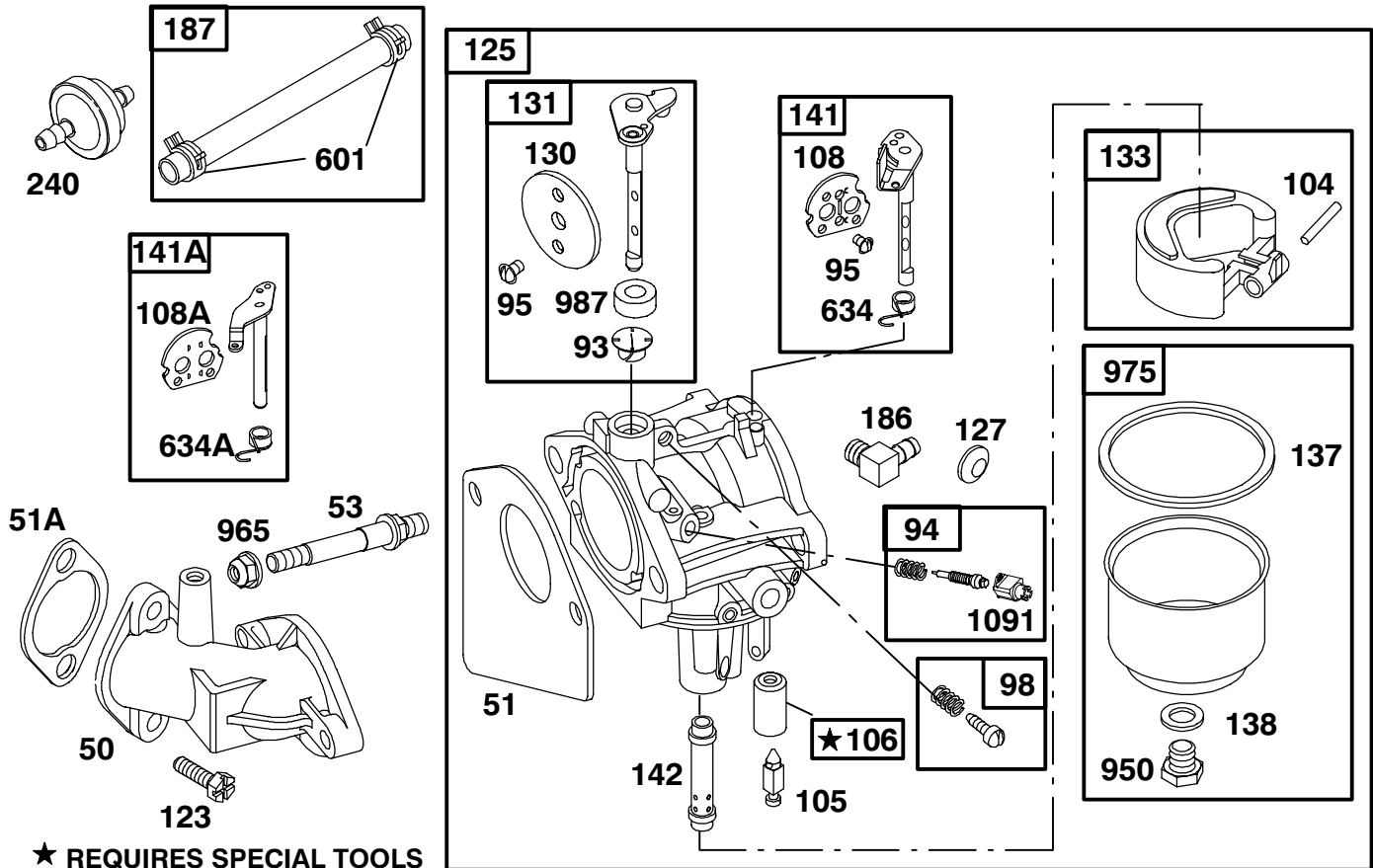
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 28M707-1122-E1

Ref. No.	Part No.	Qty.	Description
4	494238	1	Sump-Engine
★12	271916	1	Gasket-Crankcase (.015" Thick)
★		1	Gasket-Crankcase (.005" Thick)
★	271996	1	Gasket-Crankcase (.009" Thick)
15	94239	1	Plug-Oil Drain
★20	291675	1	Seal-Oil
22	94624	1	Screw-Base Mtg. Sem
25	499282	1	Piston Assy. (Std.)
	499286	1	Piston Assy. (.010" O.S.)
	499290	1	Piston Assy. (.020" O.S.)
	499294	1	Piston Assy. (.030" O.S.)
26	391780	1	Ring Set-Piston (Std.)
	391781	1	Ring Set-Piston (.010" O.S.)
	391782	1	Ring Set-Piston (.020" O.S.)
	391783	1	Ring Set-Piston (.030" O.S.)
27	263129	1	Lock-Piston Pin

Ref. No.	Part No.	Qty.	Description
28	498319	1	Pin Assy.-Piston (Standard)
	498320	1	Pin Assy.-Piston (.005" O.S.)
29	490348	1	Rod Assembly-Connecting
	490469	1	Rod-Connecting (.020" U.S. Crankpin Bore)
32	94671	1	Screw-Connecting Rod
33	262246	1	Valve-Exhaust
34	262247	1	Valve-Intake
35	65906	1	Spring-Intake Valve
36	26828	1	Spring-Exhaust Valve
40	221596	1	Retainer-Intake Valve
41	292260	1	Retainer-Exhaust Valve
42	494553	1	Keeper-Valve
45	262248	1	Tappet-Valve

★ Included in Gasket Set-Part No. 494241.



Assemblies include all parts shown in frames.

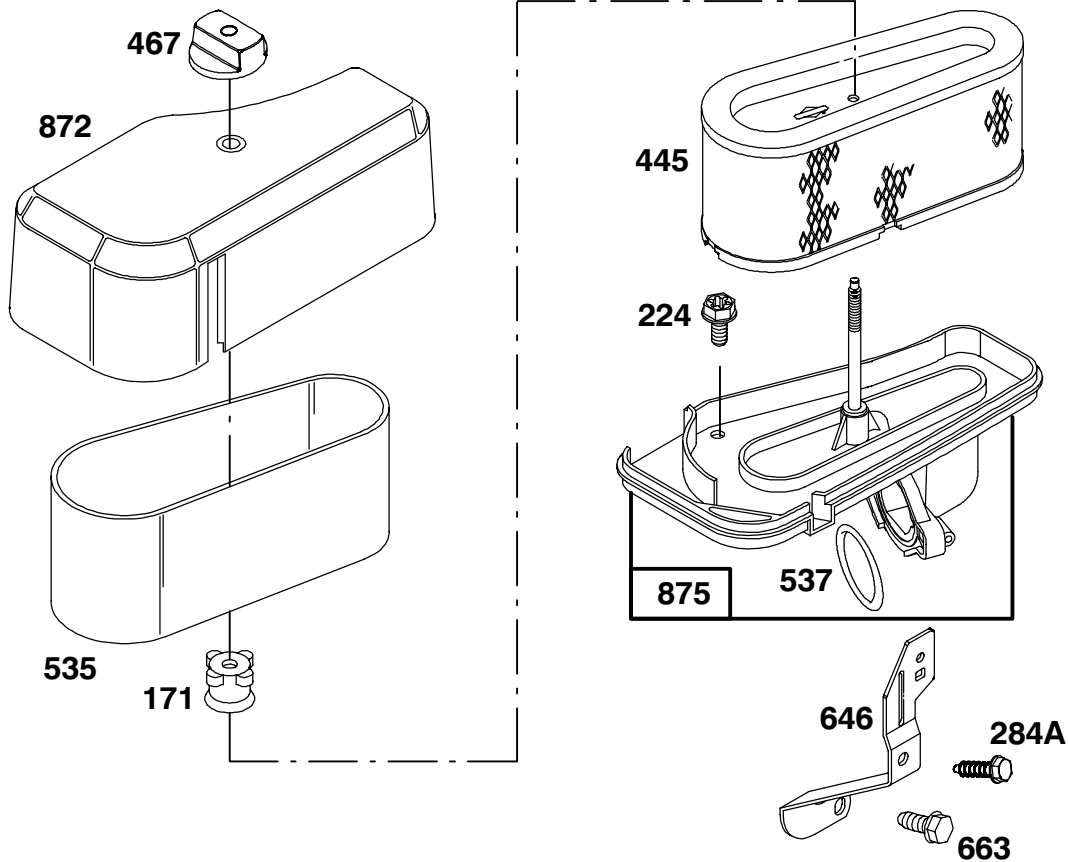
Sheet No.:

ENGINE BRIGGS & STRATTON MODEL 28M707-1122-E1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
50	213819	1	Manifold-Intake	141	495097	1	Shaft Kit-Choke
◆51	272465	1	Gasket-Carburetor (Carb. to Manifold)			1	(Manual Choke)
†★51A	272554	1	Gasket-Carburetor (Manifold to Cylinder)	141A	495931	1	Shaft Kit-Choke (Choke-A-Matic)
53	94637	1	Stud-Carb. Mtg.	●142	497566	1	Nozzle-Carburetor (Standard)
●93	281346	1	Bushing-Throttle Shaft		497567	1	Nozzle-Carburetor (High Alt.)
94	498030	1	Valve-Needle	186	493496	1	Connector-Fuel
●95	94098	1	Screw-Throttle	187	298049	1	Line-Fuel
98	495800	1	Screw-Idle Speed	240	394358	1	Filter-Fuel
●104	231789	1	Pin-Float Hinge	601	93053	1	Clamp-Hose
●105	231855	1	Valve-Float Needle	618	262803	1	Spring-Choke Return
●106	231854	1	Inlet Valve Seat	●634	494453	1	Seal-Spring Assembly
108	224667	1	Valve-Choke	●634A	494455	1	Seal-Spring Assembly
108A	224540	1	Valve-Choke	950	94642	1	Screw-Fuel Bowl
123	94913	1	Screw-Torx®Hex.	965	94010	1	Nut-Hex.
125	498027	1	Carburetor Assembly	975	494378	1	Bowl-Float
●127		1	Plug-Welch (Sold in Kit Only)	●987	281166	1	Seal-Throttle Shaft
130	224539	1	Valve-Throttle	1091	281364	1	Cap-Limiter
131	494379	1	Shaft Kit-Throttle				
133	494381	1	Float-Carburetor				
◆◆137	281165	1	Gasket-Float Bowl				
◆◆138	281164	1	Washer-Float Bowl Screw				

† Included in Valve Overhaul Gasket Kit-Part No. 498539. ★ Included in Gasket Set-Part No. 494241.

● Included in Carburetor Kit-Part No. 499220. ◆ Included in Carburetor Gasket Set-Part No. 494385.



Sheet No.:

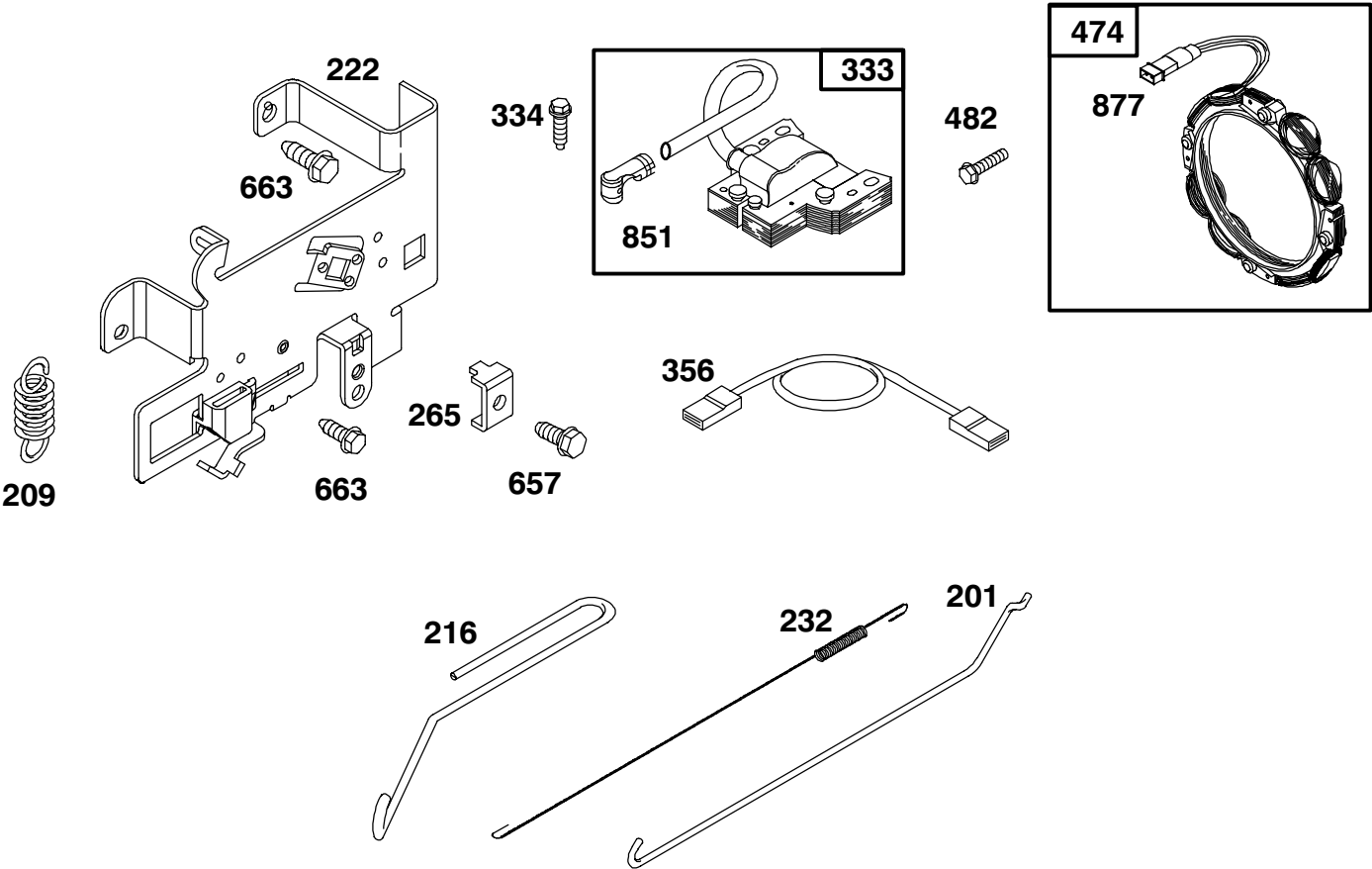
Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 28M707-1122-E1

Ref. No.	Part No.	Qty.	Description
171	281051	1	Nut—Air Cleaner
224	94905	1	Screw—Torx®Hex.
284A	94704	1	Screw Hex. Head
445	496894	1	Filter—A/C Element
467	493903	1	Nut—Air Cleaner
535	272403	1	Filter—Precleaner
†★537	281106	1	Gasket—Air Cleaner
646	224546	1	Brace—Air Cleaner
663	94620	1	Screw—Hex. Hd.
872	281361	1	Cover—Air Cleaner
875	494237	1	Base—Air Cleaner

Ref. No.	Part No.	Qty.	Description

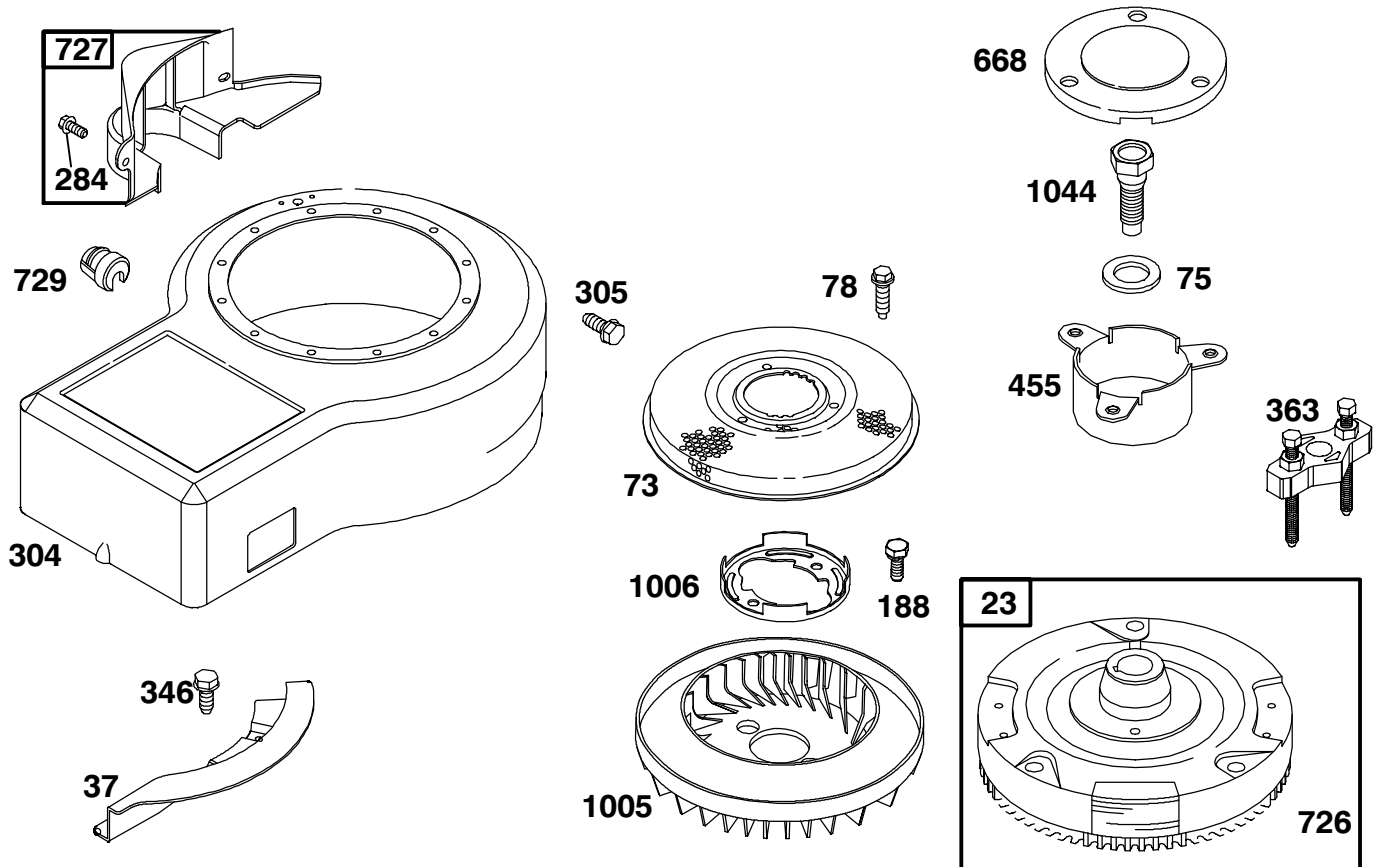
† Included in Valve Overhaul Gasket Kit-Part No. 498539. ★ Included in Gasket Set-Part No. 494241.



Assemblies include all parts shown in frames. Sheet No.:

ENGINE BRIGGS & STRATTON MODEL 28M707-1122-E1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
201	262767	1	Link-Governor				
209	260871	1	Spring-Governor				
216	262766	1	Link-Choke				
222	495611	1	Bracket-Control				
232	262785	1	Spring-Link				
265	221535	1	Clamp-Casing				
333	492341	1	Armature-Magneto				
334	94731	1	Screw-Hex.				
356	494328	1	Wire-Stop				
474	393474	1	Alternator				
482	93621	1	Screw-Sem				
657	94906	1	Screw-Sem				
663	94929	1	Screw-Hex. Head				
851	493880	1	Terminal-Ignition Cable				
877	393456	1	Wire-Alternator				

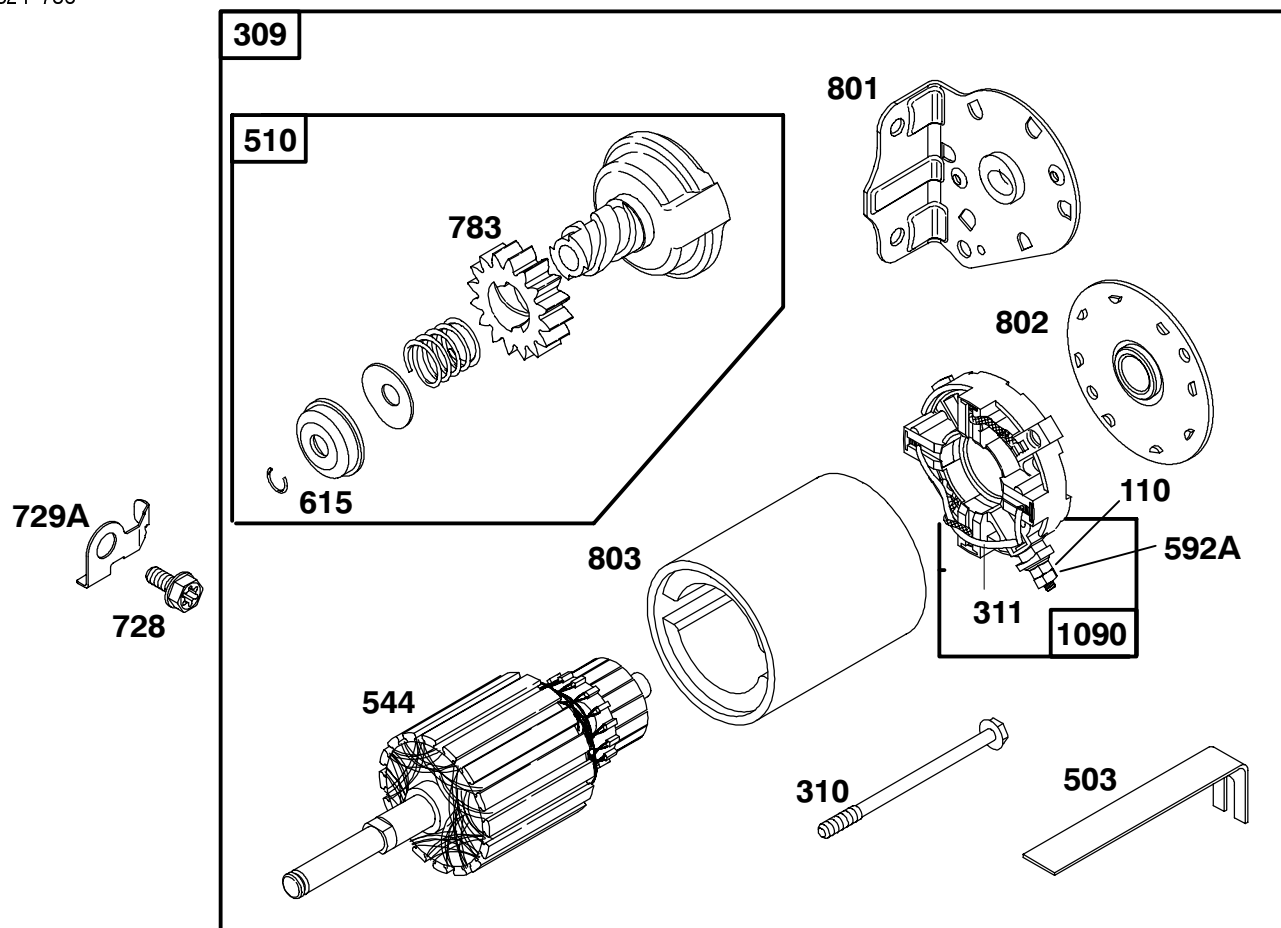


Assemblies include all parts shown in frames.

Sheet No.:

ENGINE BRIGGS & STRATTON MODEL 28M707-1122-E1

Ref. No.	Part No.	Qty.	Description
23	492326	1	Flywheel
37	224502	1	Guard – Flywheel
73	224948	1	Screen – Rotating
75	225136	1	Washer – Flywheel
78	94626	1	Screw – Phillips
188	94627	1	Screw – Sem
284	94903	1	Screw – Shoulder
304	496431	1	Housing – Blower
305	94786	1	Screw – Hex.
346	94896	1	Screw – Hex. Head
363	19203	1	Puller – Flywheel
455	222561	1	Cup – Flywheel
668	280848	1	Spacer
726	392134	1	Gear – Ring (Includes Mtg Hardware)
727	490324	1	Cover – Starter Drive
729	281159	1	Clip – Wire
1005	281400	1	Fan – Flywheel
1006	224413	1	Retainer – Fan
1044	94673	1	Screw – Shoulder



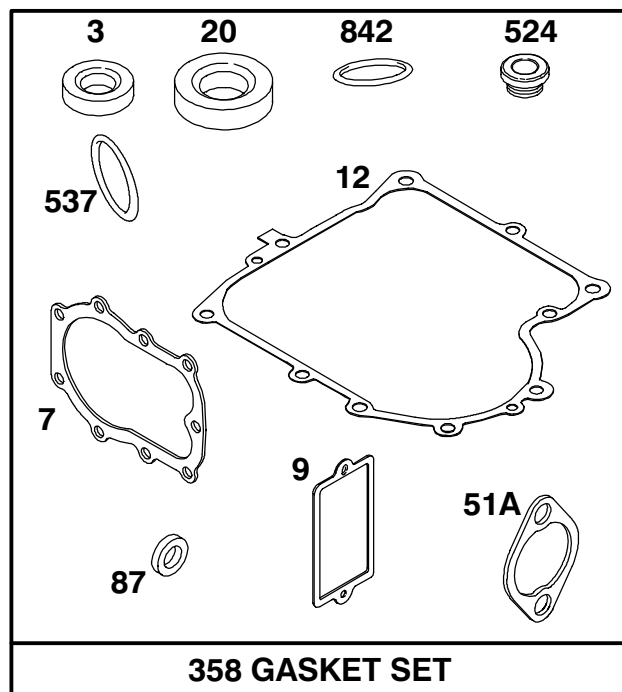
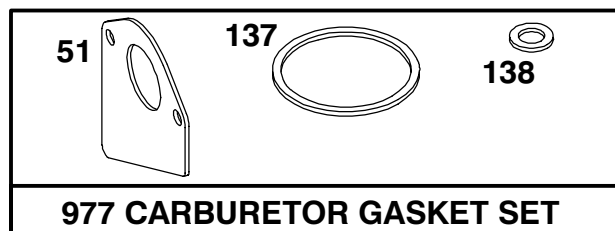
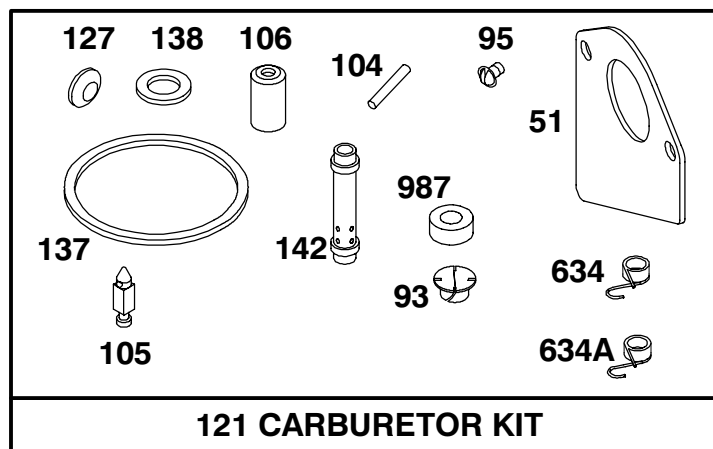
Assemblies include all parts shown in frames.

Sheet No.:

ENGINE BRIGGS & STRATTON MODEL 28M707-1122-E1

Ref. No.	Part No.	Qty.	Description
110	225137	1	Washer – Flat
309	497595	1	Motor – Starter
310	94003	1	Bolt – Thru
311	497608	1	Brush Set
503	806000	1	Strap – Starter
510	497606	1	Drive – Starter
544	497603	1	Armature – Starter
592A	92278	1	Nut – Hex.
615	263080	1	Ring – Retaining
728	94951	1	Screw – Torx®
729A	225170	1	Clip – Wire
783	280104	1	Gear – Starter
801	394856	1	Cap – Drive
802	497607	1	Cap – End
803	497604	1	Housing – Starter
1090	497605	1	Retainer – Brush

Ref. No.	Part No.	Qty.	Description



Assemblies include all parts shown in frames.

ENGINE BRIGGS & STRATTON MODEL 28M707-1122-E1

Ref. No.	Part No.	Qty.	Description
★3	391086	1	Seal—Oil
★†7	271866	1	Gasket—Cylinder Head
★†9	27803	1	Gasket—Valve Cover
★12	271916	1	Gasket—Crankcase (.015" Thick)
★	271997	1	Gasket—Crankcase (.005" Thick)
★	271996	1	Gasket—Crankcase (.009" Thick)
★20	291675	1	Seal—Oil
◆●51	272465	1	Gasket—Carburetor (Carb. to Manifold)
★†51A	272554	1	Gasket—Carburetor (Manifold to Cylinder)
★87	491323	1	Seal—Governor Shaft
●93	281346	1	Bushing—Throttle Shaft
●95	94098	1	Screw—Throttle
●104	231789	1	Pin—Float Hinge
●105	231855	1	Valve—Float Needle
●106	231854	1	Seat—Inlet
121	499220	1	Carburetor Kit
●127		1	Plug—Welch (Sold in Kit Only)
◆●137	281165	1	Gasket—Float Bowl
◆●138	281164	1	Washer—Float

Ref. No.	Part No.	Qty.	Description
●142	494566	1	Bowl Screw
358	494241	1	Gasket Set
★524	281370	1	Seal—Fill Tube
★†537	281106	1	Gasket—Air Cleaner
●634	494453	1	Seal—Spring Assembly
●634A	494455	1	Seal—Spring Assembly
★842	270920	1	Seal—O-Ring
977	494385	1	Carburetor Gasket Set
●987	281166	1	Seal—Throttle Shaft
1095	498539	1	Gasket Set— Valve Overhaul

† Included in Valve Overhaul Gasket Kit—Part No. 498539. ★ Included in Gasket Set—Part No. 494241.

● Included in Carburetor Kit—Part No. 499220. ◆ Included in Carburetor Gasket Set—Part No. 494385.

Maintenance Record

[illegible]

Maintenance Record

[illegible]

