



12.5-32XLE

Wheel Horse[®] Lawn Tractor

Model No. 71301-210000001 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.

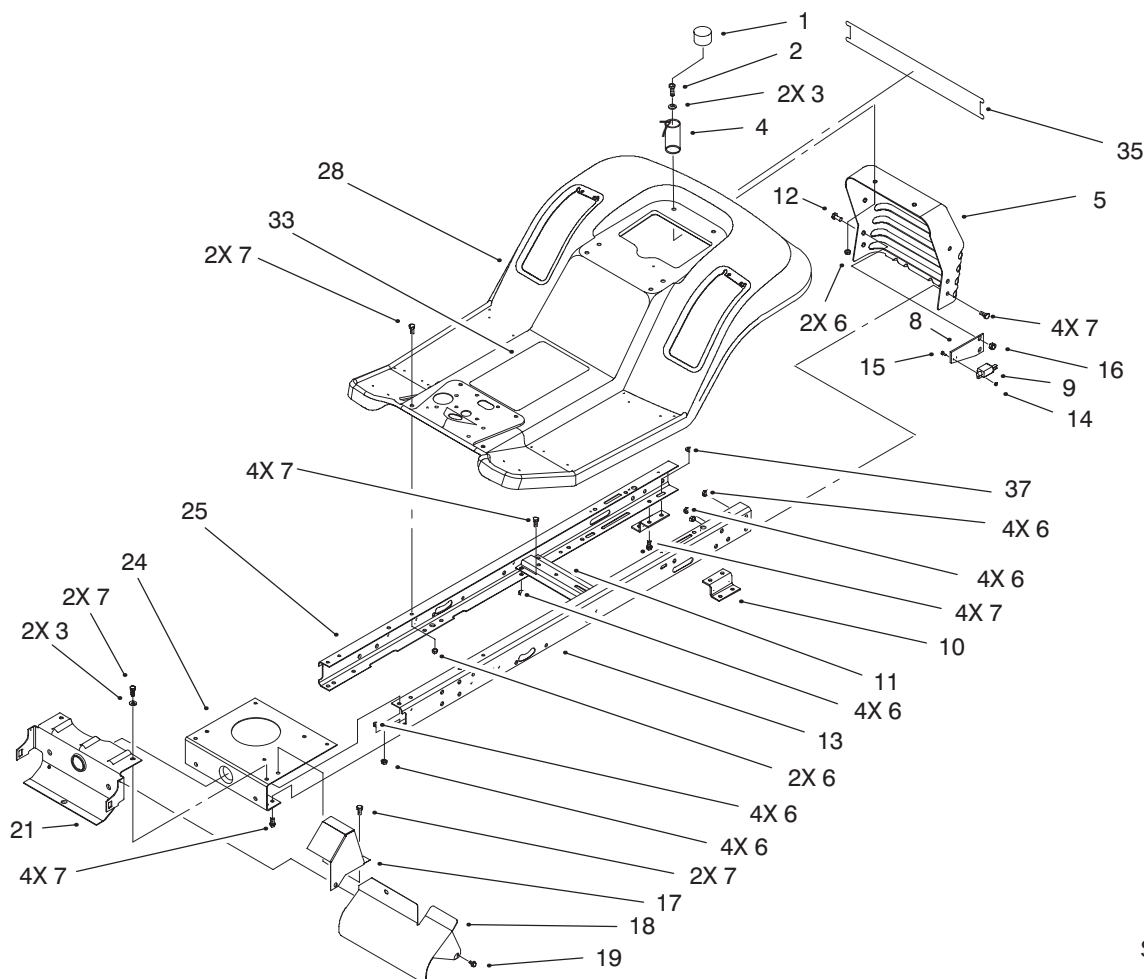
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Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

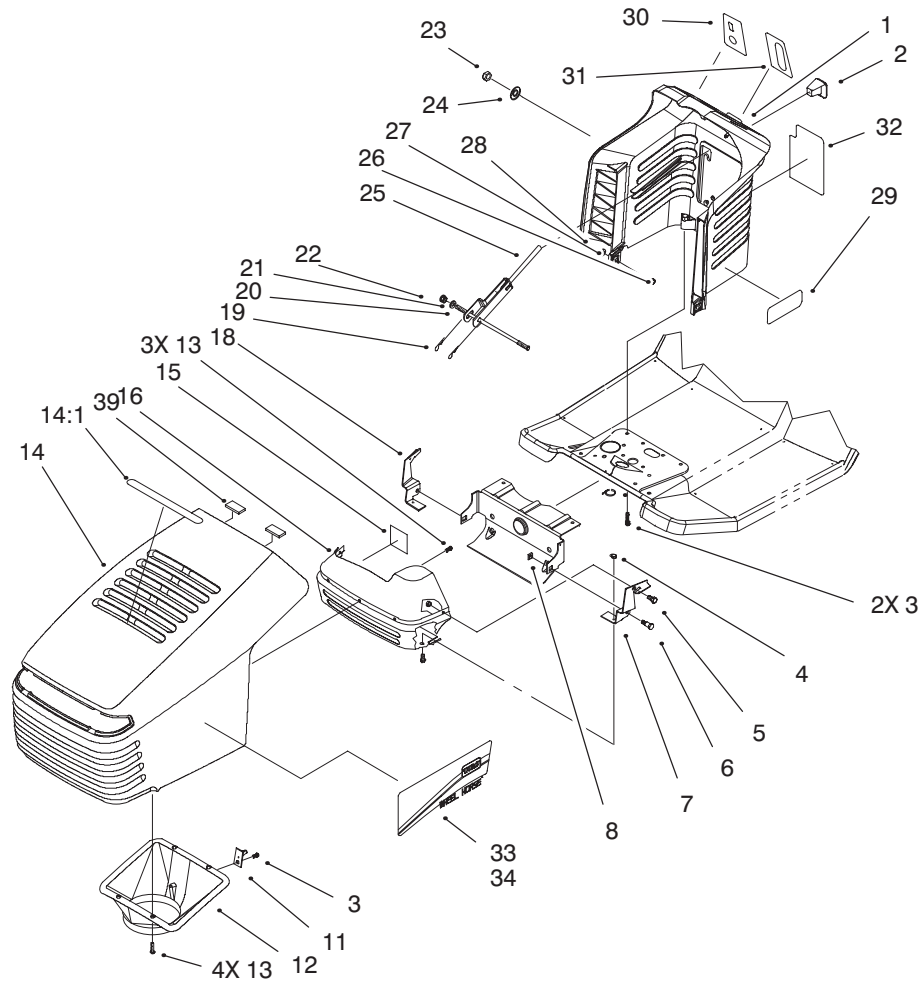
Abbreviation	Meaning	Abbreviation	Meaning
AR	as required	HYD	hydraulic
ASM	assembly	INC	incorporated
CARR	carriage	LH	left hand
DEG	degrees	NI	nylon insert
FH	flat head	PPH	Phillips pan head
GA	gauge	PTH	Phillips truss head
HF	hex flange	PTO	power take off
HH	hex head	RH	right hand
HHF	hex head flange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



Sheet No.:2

Frame And Body Assembly

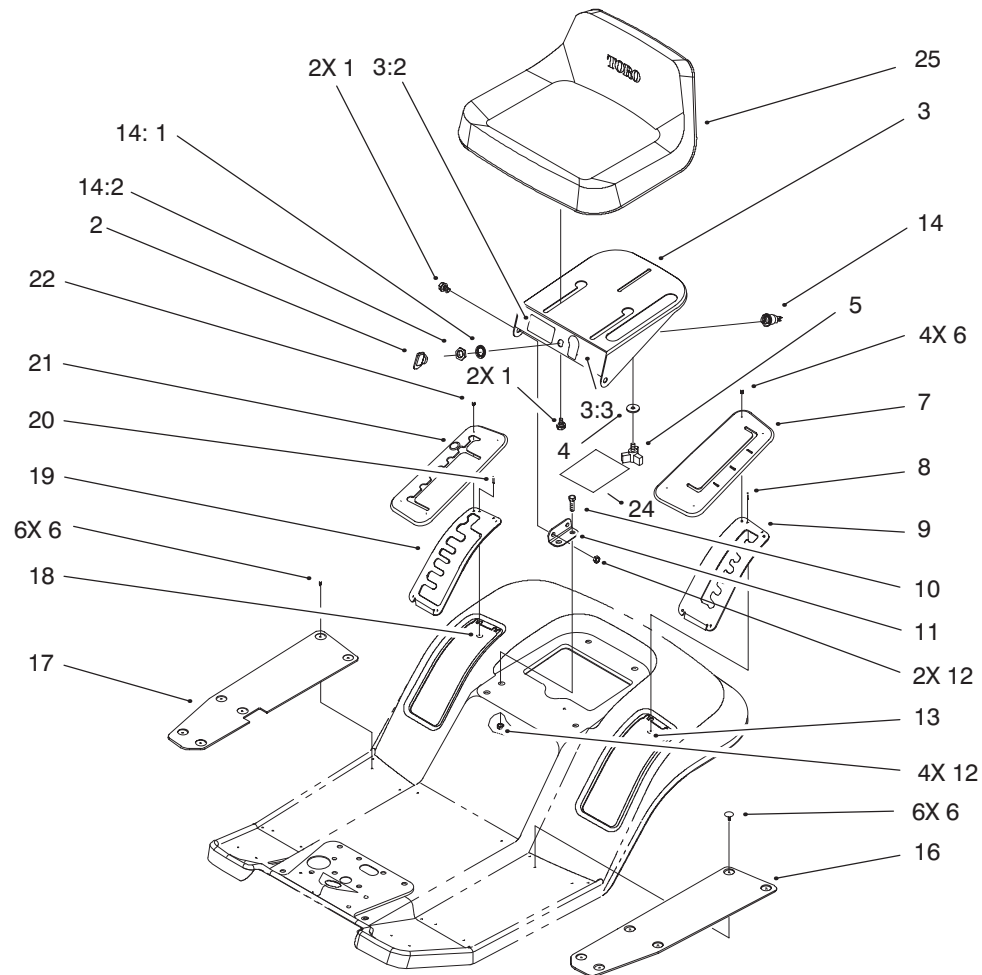
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	701178	2	Cap-Protector				
2	322-5	2	Screw-HH				
3	3256-23	4	Washer-Flat				
4	88-6220	2	Spring - Compression				
5	99-2957-03	1	Panel-Rear Hitch				
6	3296-29	24	Nut-Lock				
7	322-3	22	Screw-HH				
8	99-2953-03	1	Plate-Switch				
9	95-1653	1	Switch - Single Pole				
10	94-1967-03	2	Brkt-Tran Mntg				
11	88-4620-03	1	Bracket-Idle 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				



Sheet No.:3

Hood And Tower Assembly

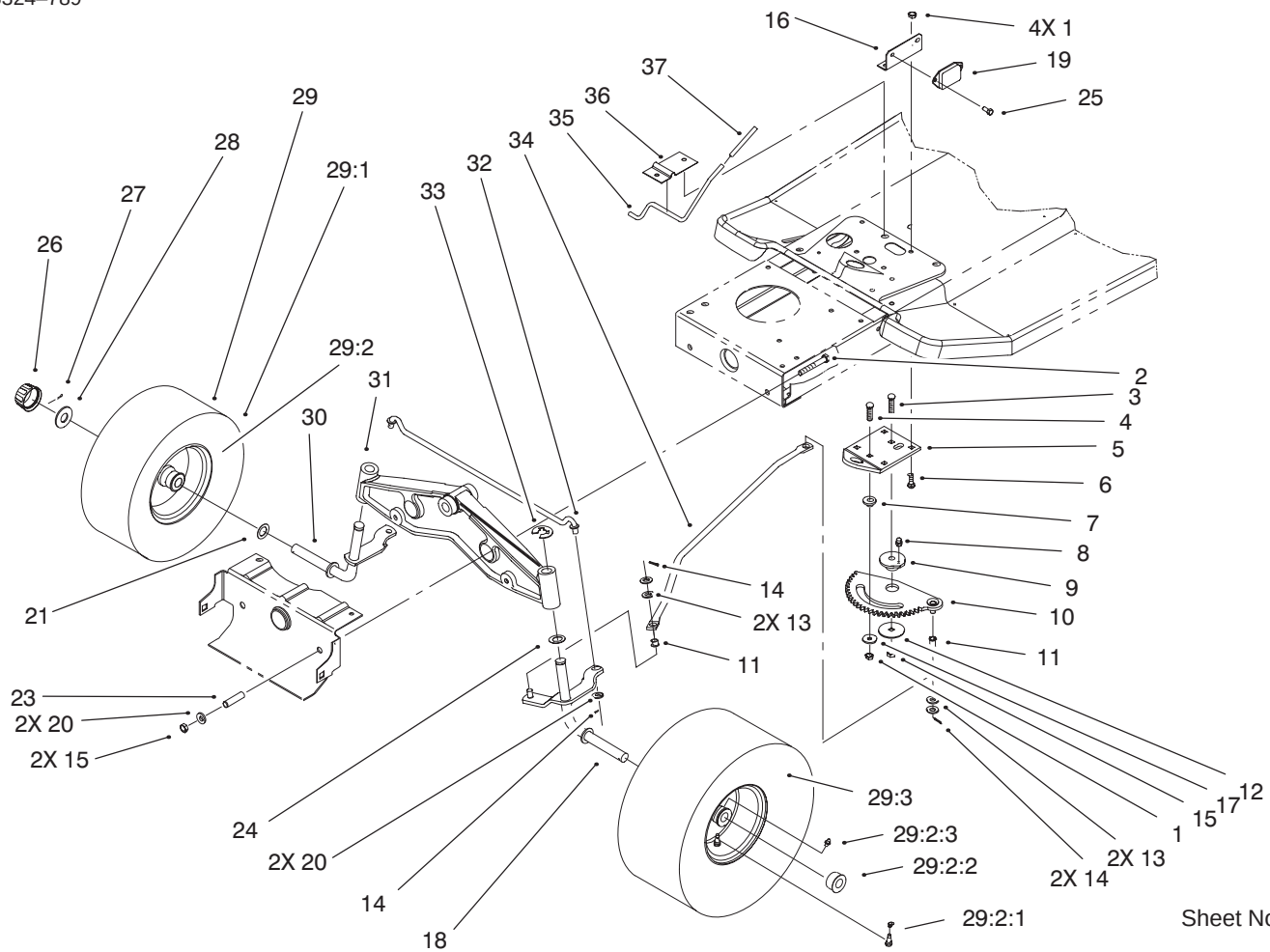
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	99-1947	1	Tower-Steering	28	322-3	2	Screw-HH
2	94-5565	1	Knob - Shift	29	104-4199	2	Decal-Tower, 12.5 HP
3	46-8091	3	Screw-HWH	30	99-8142	1	Decal-Ignition
4	3296-42	4	Nut-Lock, NI	31	92-5730	1	Decal - Throttle
5	321-2	4	Screw-HH	32	93-6673	1	Decal - Deck Engage
6	28-0540	2	Bolt-Shoulder	33	95-0808	1	Decal - Hood Left
7	88-6050-03	1	Bracket-LH Hinge	34	95-0807	1	Decal - Hood Right
8	3290-496	2	Nut-Retainer	39	94-1980	2	Foam - Hood
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				
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				



Sheet No.:4

Rear Body And 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				

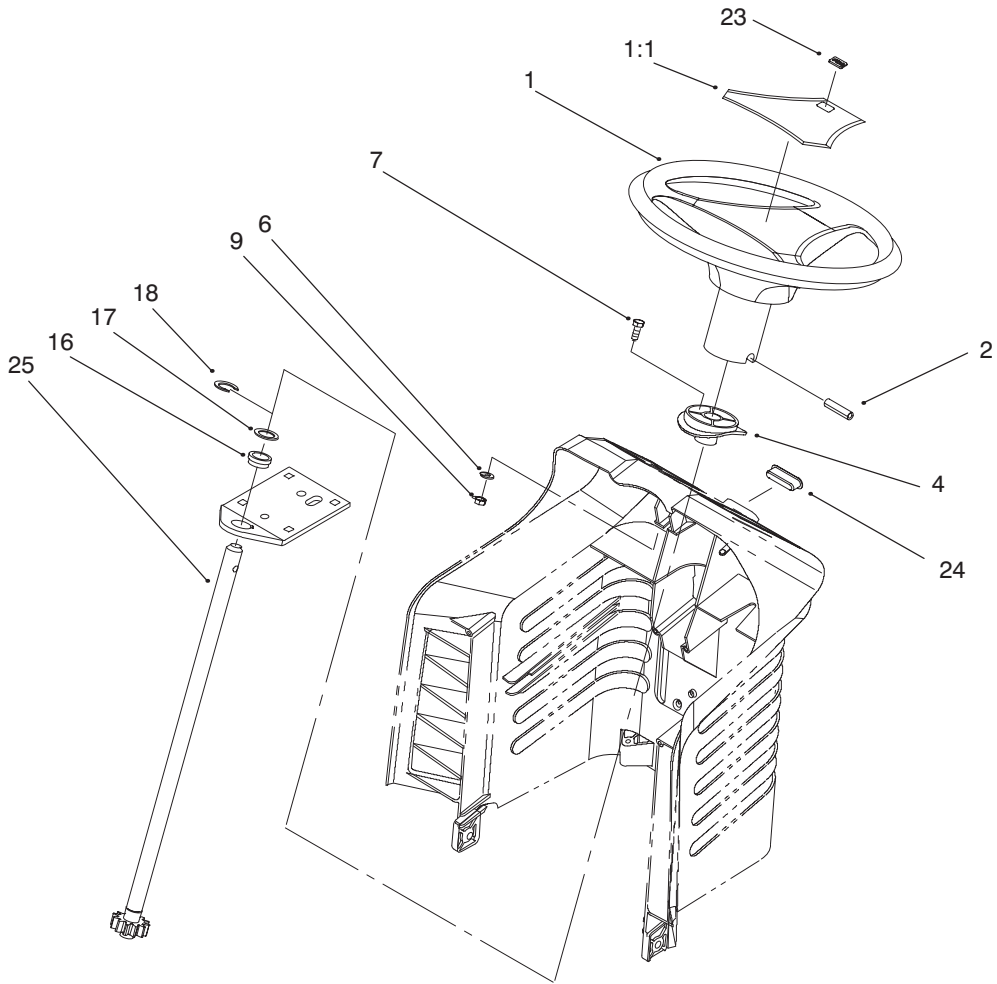


Sheet No.:5

Steering 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-Link, Steering
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	4	Washer-Thrust

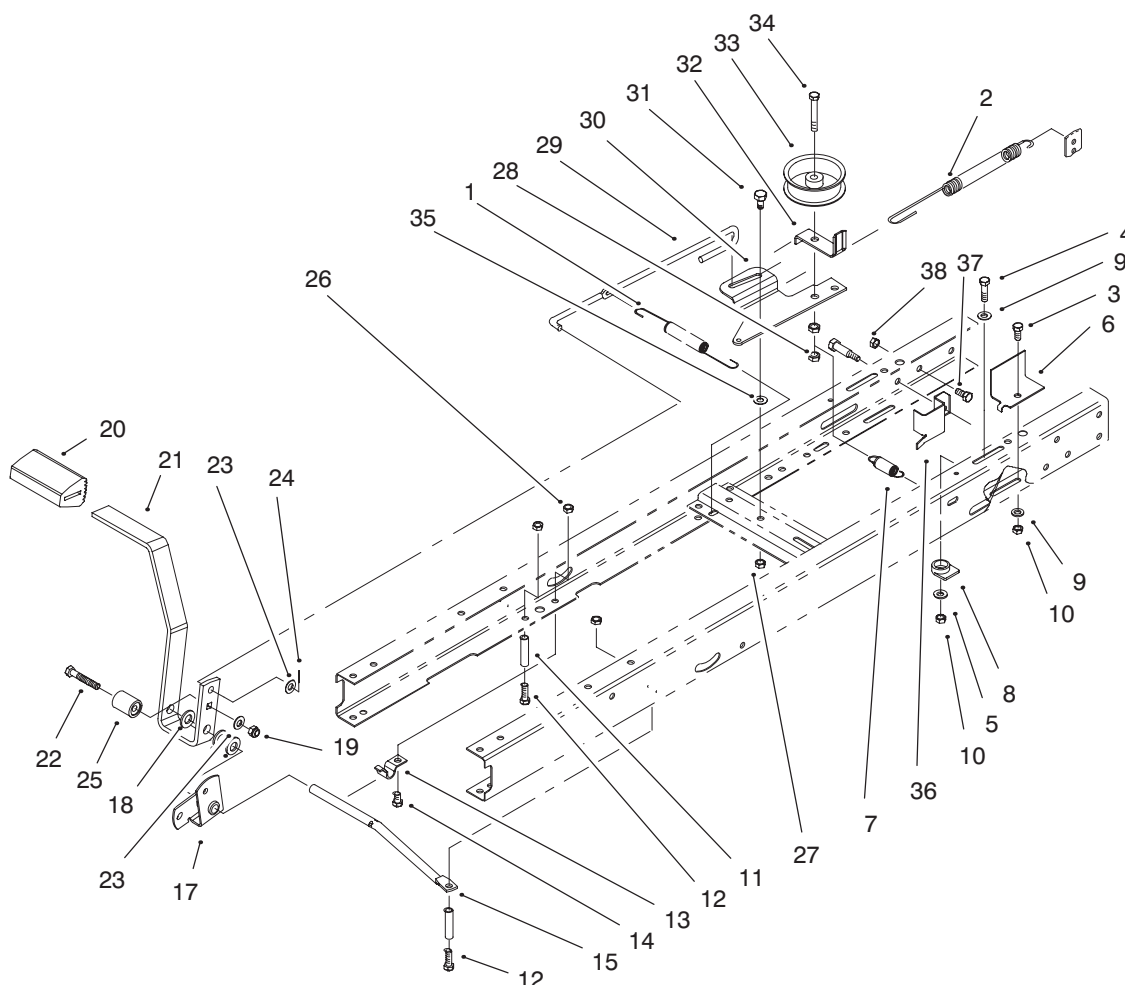
Ref. No.	Part No.	Qty.	Description
25	9266714	2	Screw-HWH
26	61-9780	2	Cap-Hub
27	3272-12	2	Pin-Cotter
28	28-2480	2	Washer
29		2	Wheel & Tire ASM, 13"
29:1	99-2992	1	Tire
29:2	99-6828	1	Rim ASM-Welded
29:2:1	232-27	1	Stem-Valve
29:2:2	110513	2	Bearing-Wheel
29:2:3	302-5	1	Fitting-Grease
29:3	232-38	1	Tube
30	92-7889-03	1	Spindle-RH
31	94-1962-03	1	Front Axle ASM
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

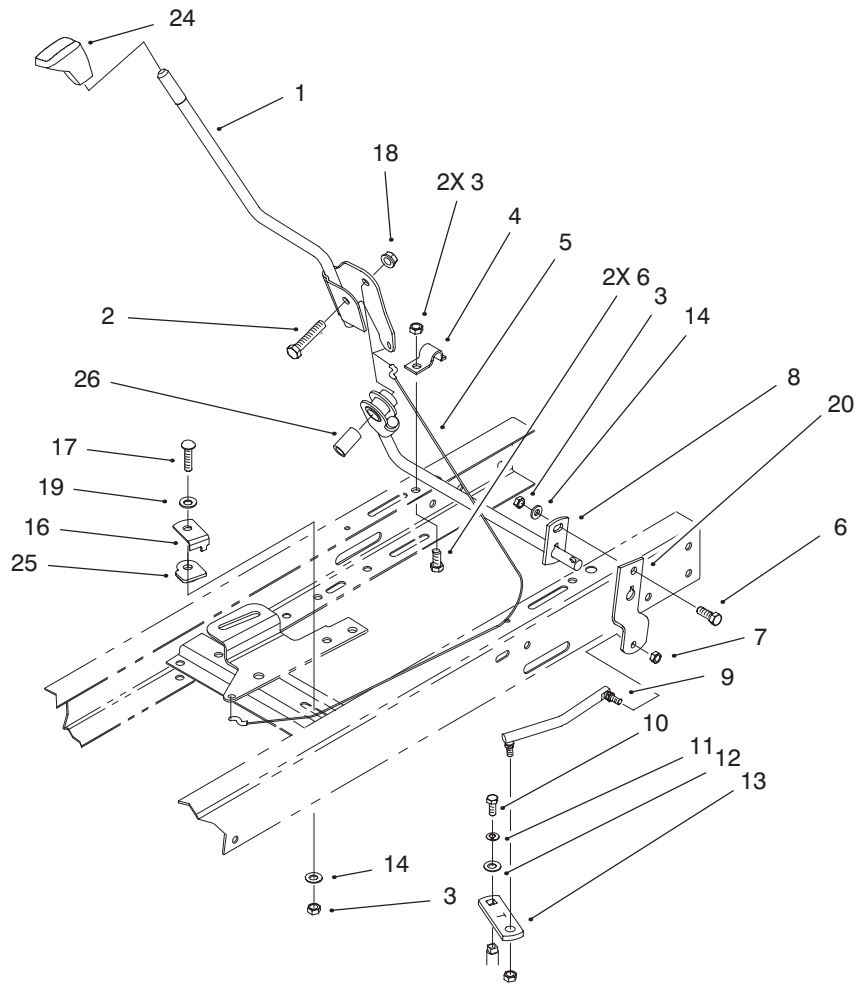
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	98-1467	1	Wheel – Steering				
1:1	98-1468	1	Cover–Wheel, Steering				
2	32121-111	1	Pin–Roll				
4	88-4190	1	Bushing – Sliding				
6	3256-22	2	Washer–Flat				
7	321-4	2	Screw–HH				
9	3296-42	2	Nut–Lock, NI				
16	88-5150	1	Bearing–Flange				
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				



Sheet No.:9

Traction Clutch Assembly

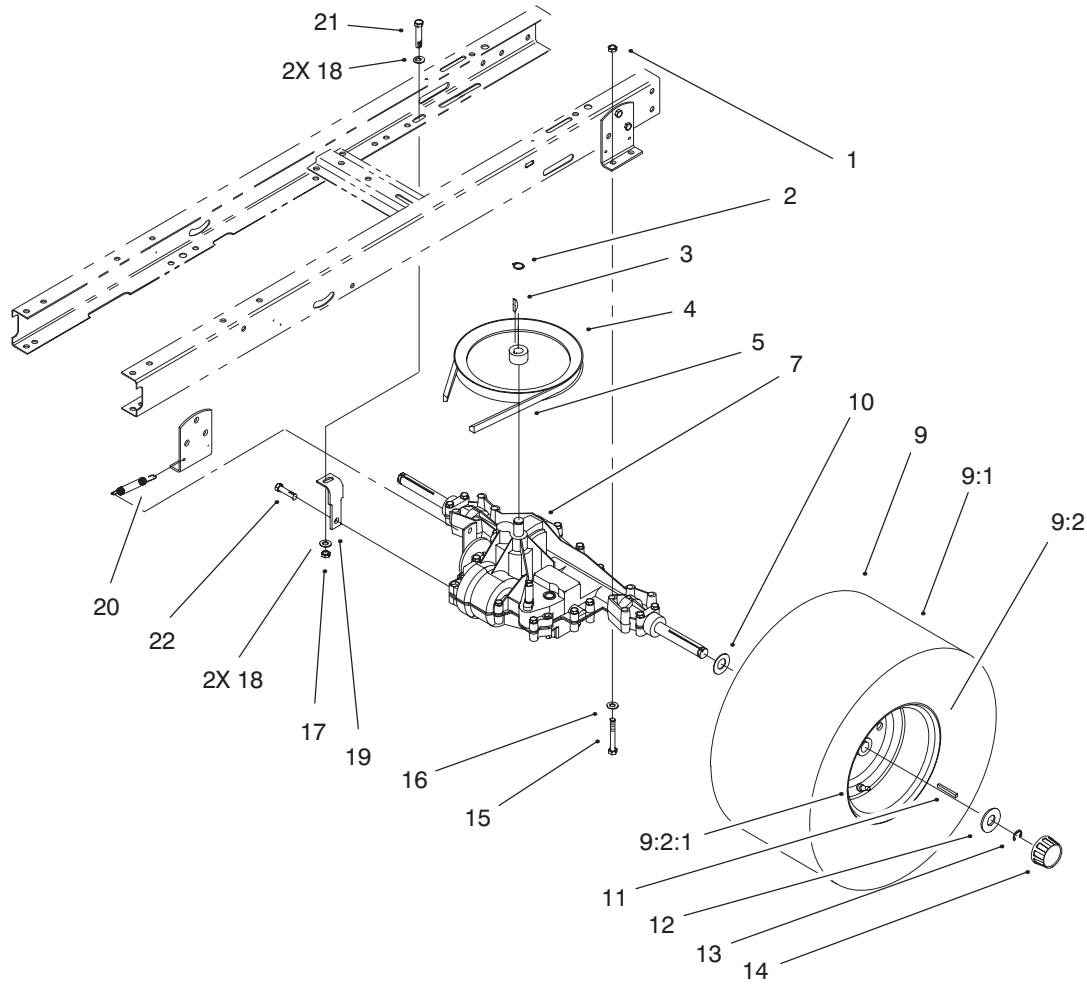
Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
1	27-8890	1	Spring-Return	28	3296-59	2	Nut-Lock NI
2	94-4295	1	Spring - Brake	29	88-5270	1	Rod-Clutch/Brake
3	322-3	1	Screw-HH	30	88-6070	1	Arm-Idler
4	322-6	1	Screw-HH	31	37-8770	1	Bolt-Shoulder
5	5-4460	1	Washer-Pivot	32	88-5560	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				



Sheet No.:10

Shift Assembly

Ref. No.	Part No.	Qty.	Description	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	94-1993-03	1	Shift Pivot ASM				
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				

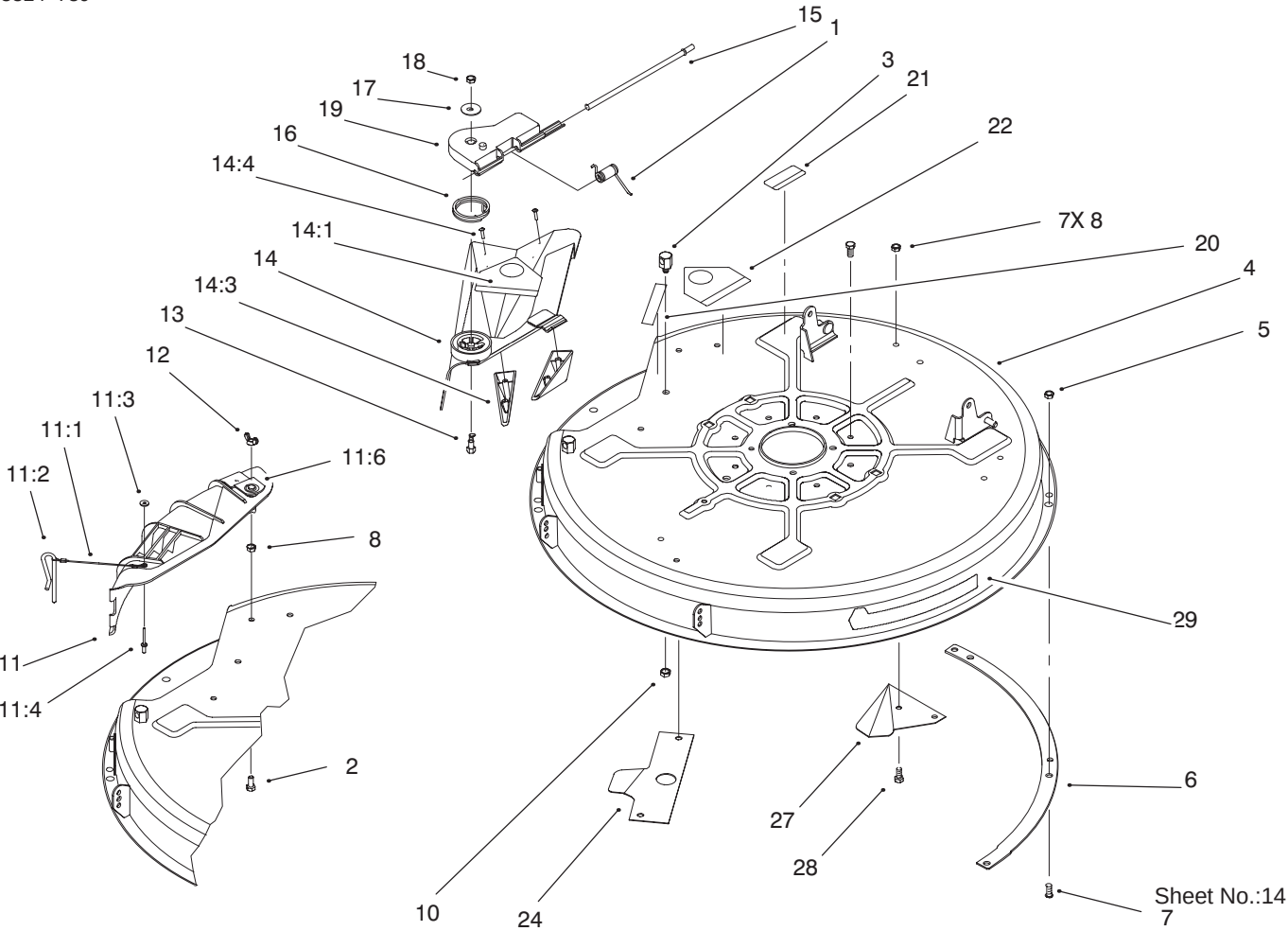


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5 Speed Transaxle Assembly

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				

* Not illustrated

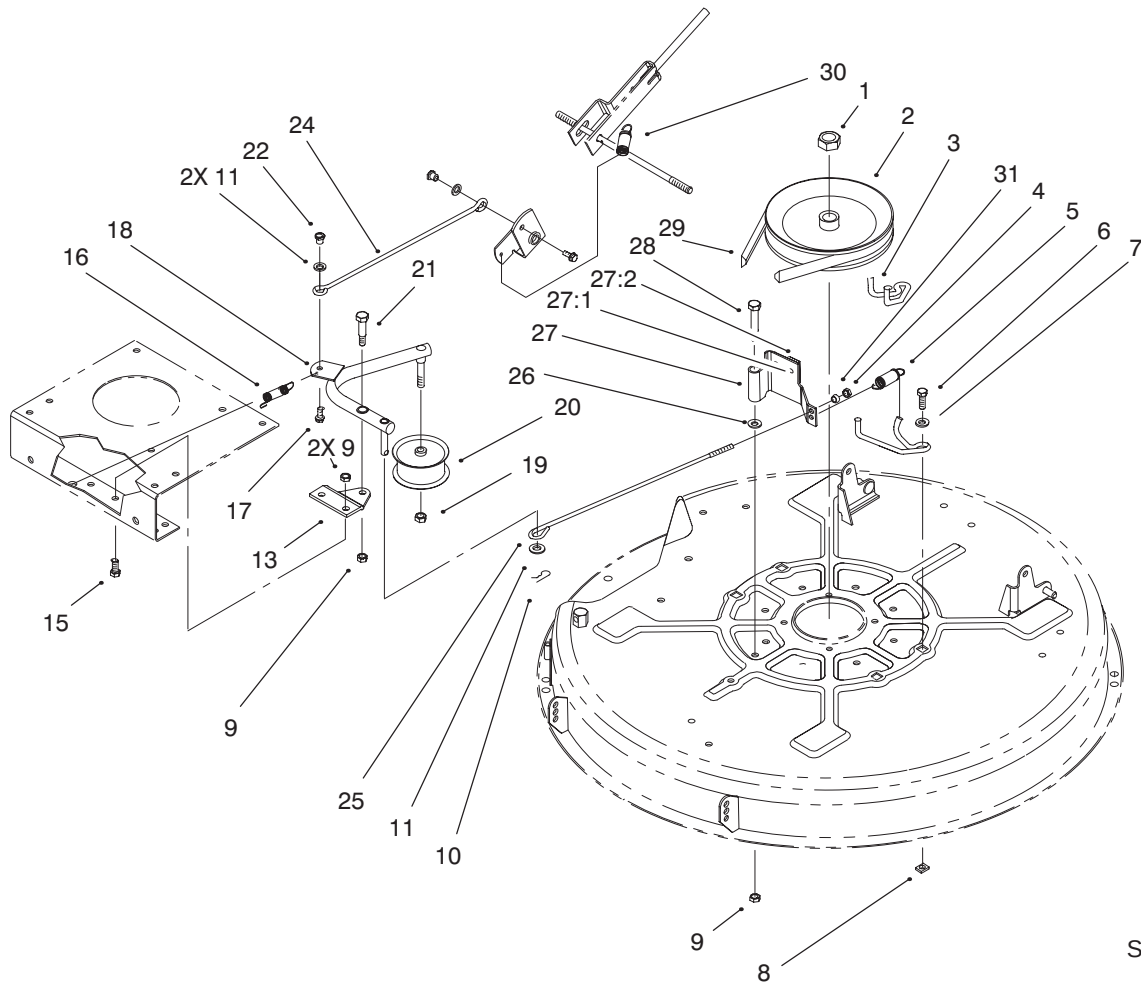


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Deck Assembly

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

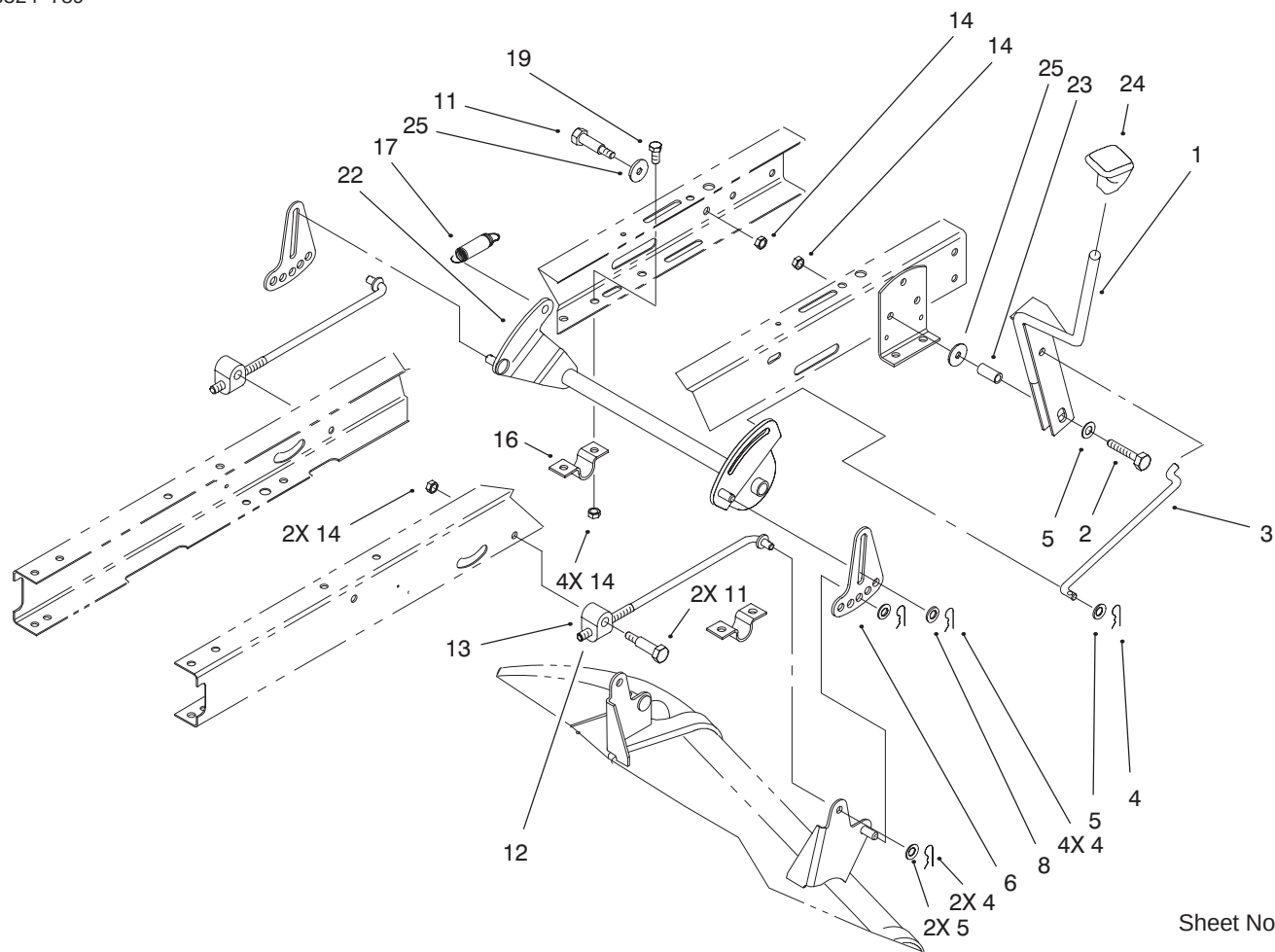
Ref. No.	Part No.	Qty.	Description
20	93-7009	1	Decal-Danger
21	93-6674	2	Decal - Warning
22	93-7010	2	Decal-Danger
24	92-2494-03	1	Ramp-Deflector
27	80-2630-03	4	Kicker
28	322-3	7	Screw-HH
29	100-6202	1	Decal - Recycler 32"



Sheet No.:15

Deck Blade Drive And Braking 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				

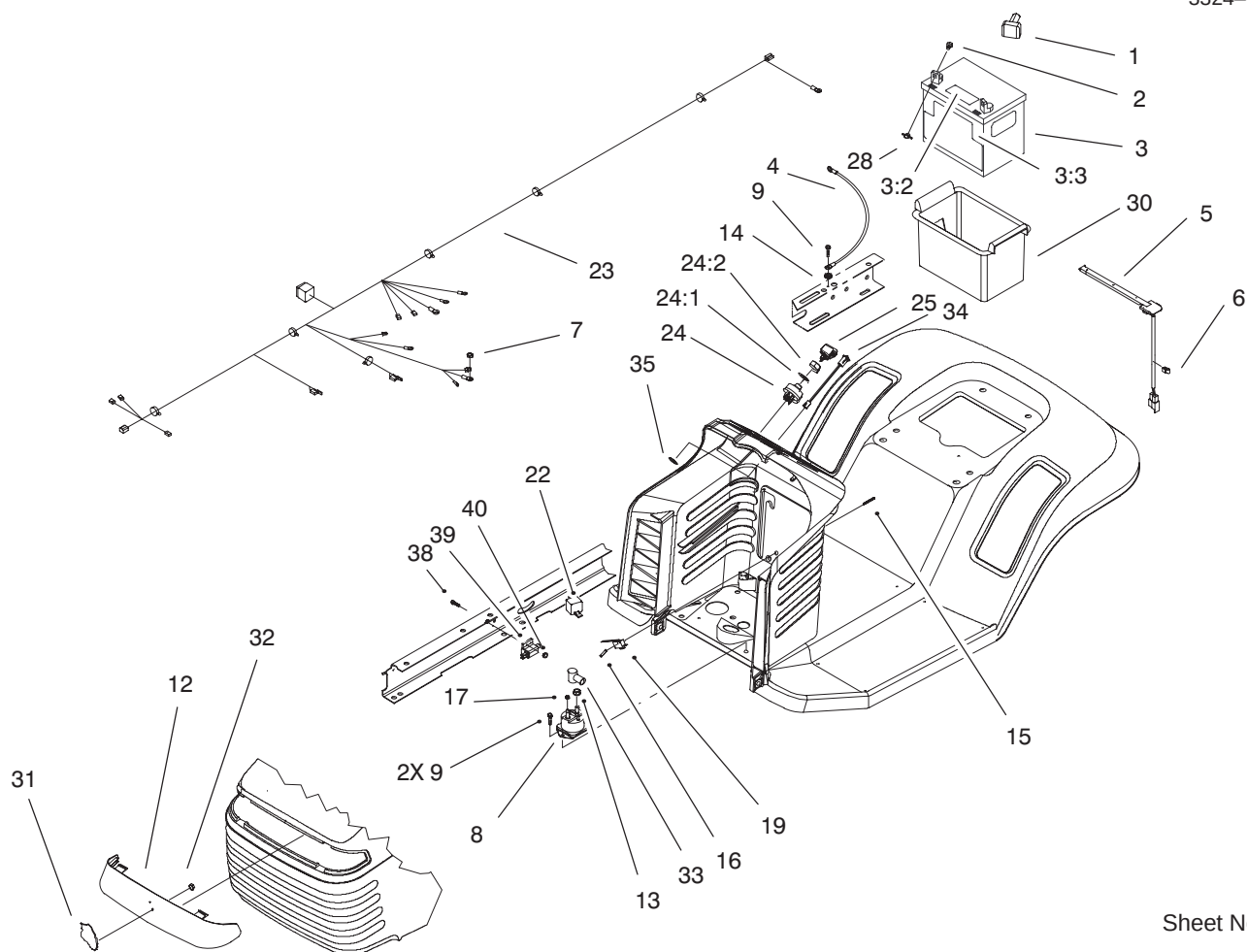


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Height Of Cut Assembly

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

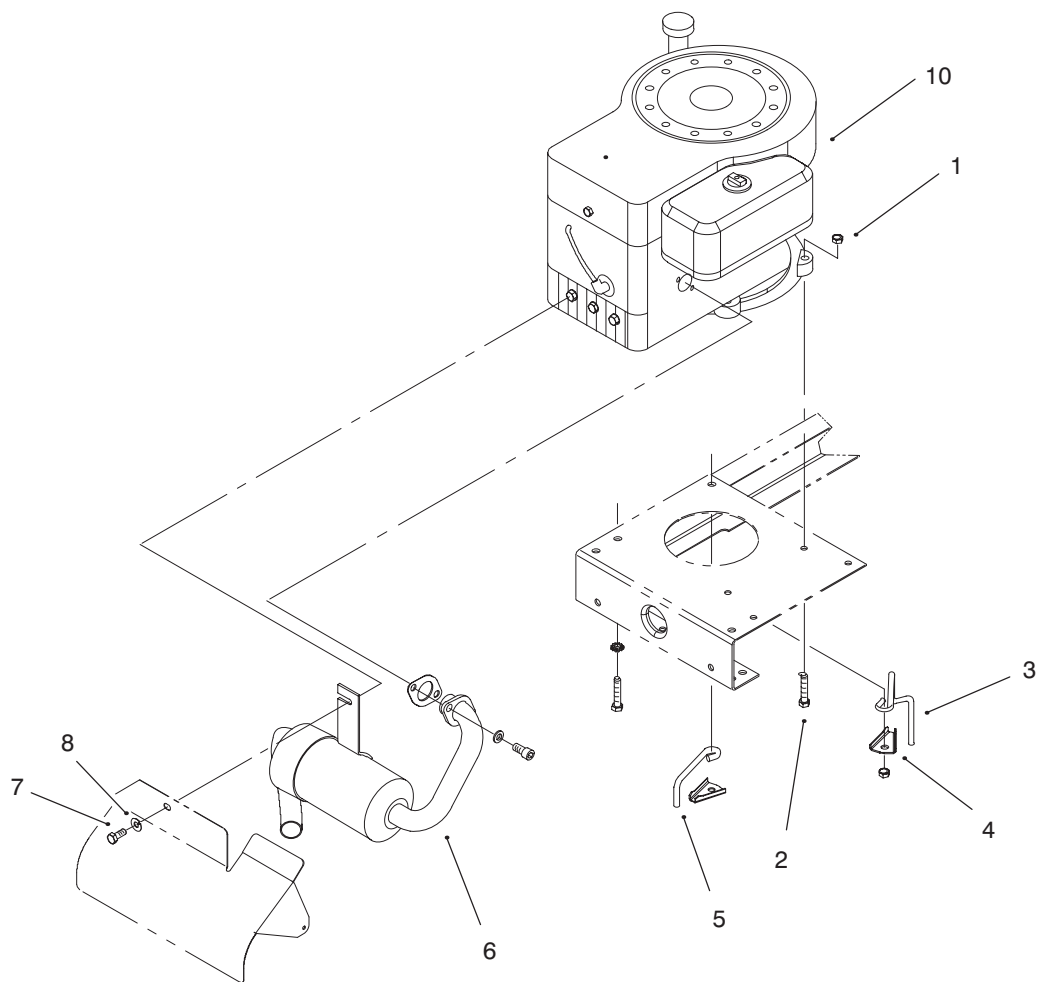
Ref. No.	Part No.	Qty.	Description
OTOTYPE			



Sheet No.:20

Electrical 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				



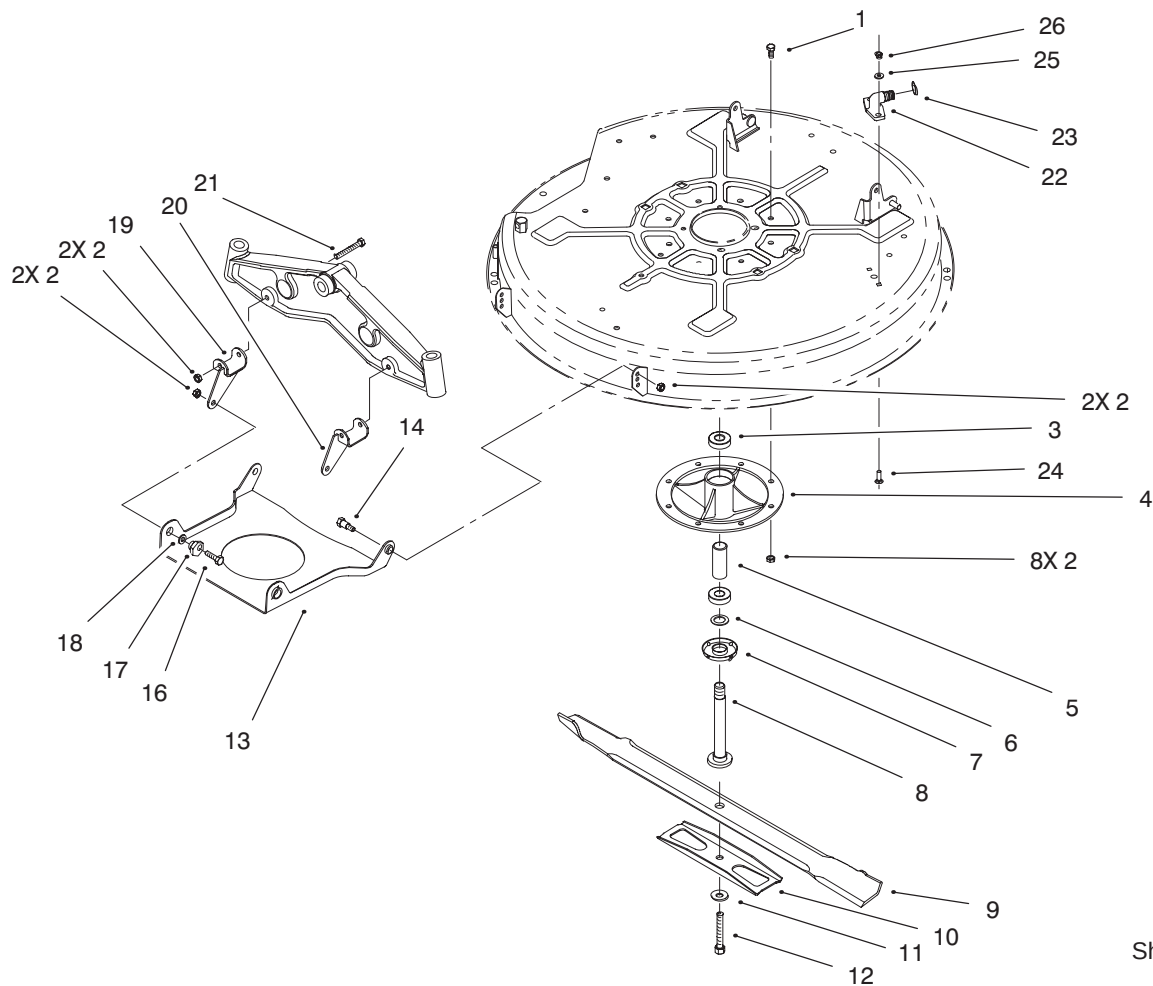
Sheet No.:25

Engine 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
☆10		1	Engine-12.5 HP Briggs & Stratton Model 288707-1142-E1

Ref. No.	Part No.	Qty.	Description
OTOTYPE			

☆ Not serviced

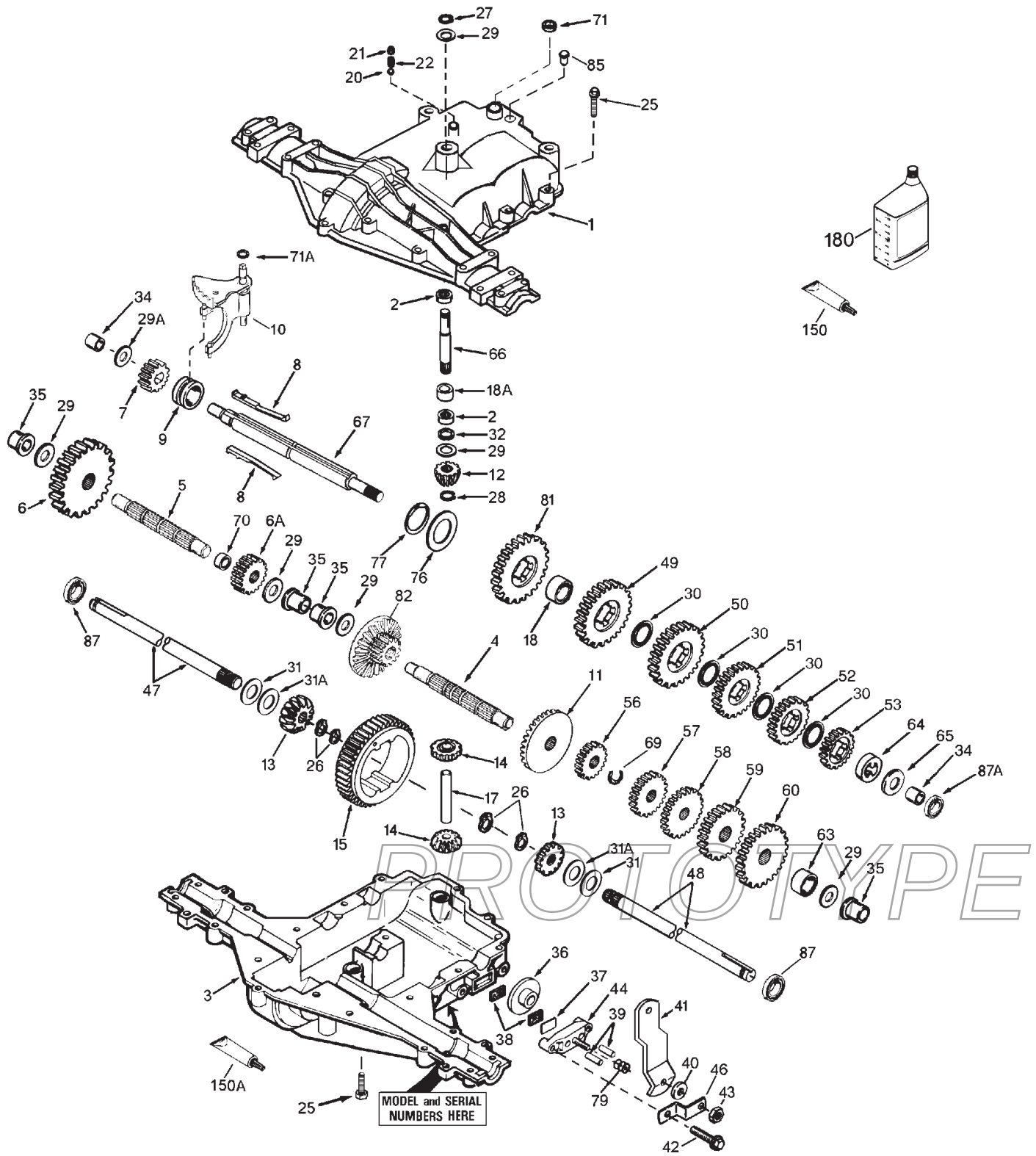


Sheet No.:26

Deck Components Assembly

Ref. No.	Part No.	Qty.	Description	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				

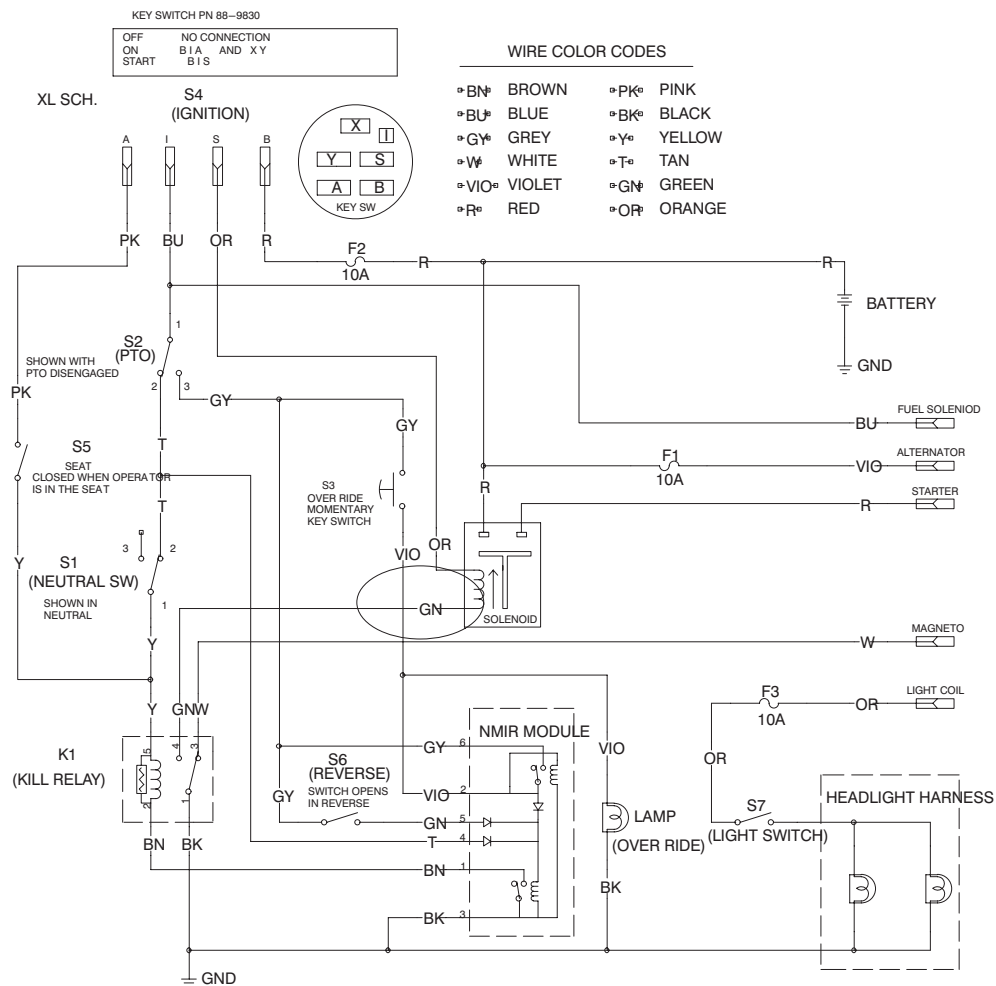
PEERLESS TRANSAXLE MODEL MST 205-509



PEERLESS TRANSAXLE MODEL MST 205-509

Ref. No.	Part No.	Description	No. Used	Ref. No.	Part No.	Description	No. Used
1	772137	Transaxle Cover	1	39	786026	Dowel Pin	2
2	780086A	Needle Bearing	2	40	792076A	Flat Washer	1
3	770123	Transaxle Case	1	41	790080	Brake Lever	1
4	776395	Countershaft	1	42	792073	Screw	2
5	776397	Output Shaft	1	43	792075	Locknut	1
6	778331	Spur Gear (38 teeth)	1	44	790025	Brake Pad Holder	1
6A	778332	Spur Gear (15 teeth-steel)	1	46	786086	Brake Lever Bracket	1
7	778330	Spur Gear (11 teeth-steel)	1	47	774690	Axle (11-15/16" long)	1
8	792136A	Shift Key	2	48	774691	Axle (16-1/2" long)	1
9	784352	Shift Collar	1	49	778356	Spur Gear (29 teeth-steel)	1
10	784378	Shift Rod & Fork	1	50	778354	Spur Gear (23 teeth-steel)	1
11	778334	Bevel Gear (30 teeth)	1	51	778344	Spur Gear (20 teeth)	1
12	778309	Input Bevel Pinion (13 teeth)	1	52	778350	Spur Gear (16 teeth-steel)	1
13	778327	Bevel Gear (16 teeth-steel)	2	53	778346	Spur Gear (15 teeth-steel)	1
		(Incl. 14)	2	56	778355	Spur Gear (11 teeth-steel)	1
14	778327	Bevel Gear (16 teeth-steel)	2	57	778353	Spur Gear (17 teeth-steel)	1
		(Incl. 13)	2	58	778343	Spur Gear (20 teeth)	1
15	778312A	Ring Gear (43 teeth)	1	59	778349	Spur Gear (24 teeth-steel)	1
17	786139	Drive Pin	1	60	778345	Spur Gear (25 teeth)	1
18	786102	Spacer	1	63	786071	Countershaft Spacer	1
18A	786175	Spacer	1	64	786072	Brake Shaft Spacer	1
20	792077	Ball 5/16" dia	1	65	780189	Washer	1
21	792078	Set Screw	1	66	776394	Input Shaft	1
22	792079	Spring	1	67	776396	Shifter & Brake Shaft	1
25	792073	Screw	18	69	792170	Retaining Ring	1
26	792125	Retaining Ring (pkg of 2)	4	70	786172	Spacer	1
27	792035	Retaining Ring	1	71	788069	Square Cut Ring	1
28	788040	Retaining Ring	1	71A	788092	"O" Ring	1
29	780072	Washer	6	76	780090	Washer	1
29A	780160	Washer	1	77	788078A	Inverted Retaining Ring	1
30	780108	Washer	4	79	792144	Spring	1
31	780001	Washer (.056 wide)	2	81	778338	Spur Gear (27 teeth)	1
		(USE AS NEEDED)	2	82	778333	Bevel & Spur Gear (30 & 13 teeth)	1
31A	780195	Flat Washer (.062 wide)	2	85	792154	Pipe Plug	1
32	788083	Oil Seal	1	87	788088	Oil Seal	2
34	780194	Bushing	2	87A	788089	Oil Seal	1
35	780193	Flanged Bushing	4	150	788093	Liquid Gasket RTV Silicone	1
36	790075	Brake Disk	1	150A	788094	Liquid Gasket Loctite #242	1
37	790007	Brake Pad Plate	1	180	730229A	Gear Oil 80W90	1
38	799021	Brake Pad (pkg of 2)	2				

PROTOTYPE

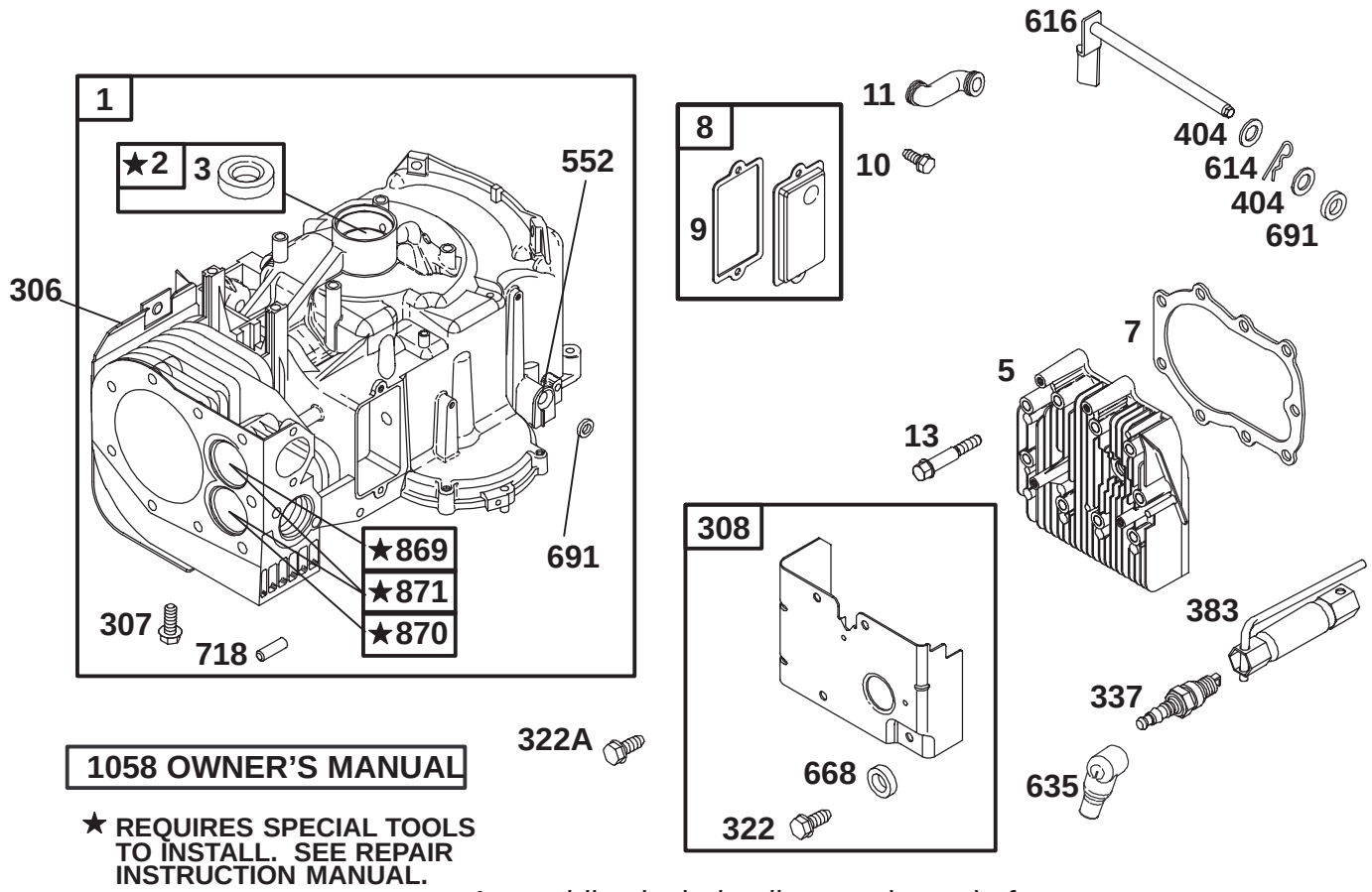


Sheet No.:21

Wire Schematic

Ref. No.	Part No.	Qty.	Description
			PR

Ref. No.	Part No.	Qty.	Description
OTOTYPE			



Assemblies include all parts shown in frames.

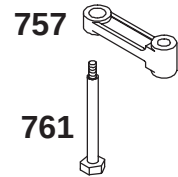
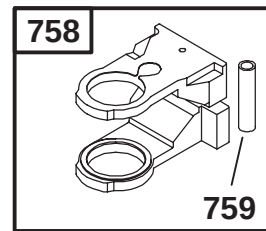
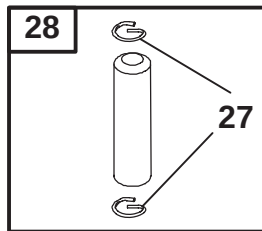
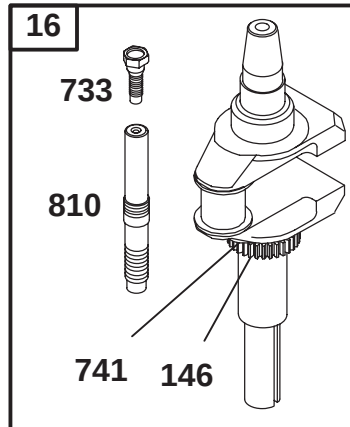
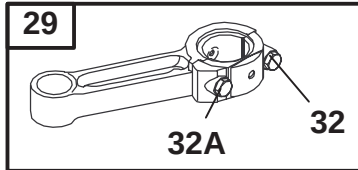
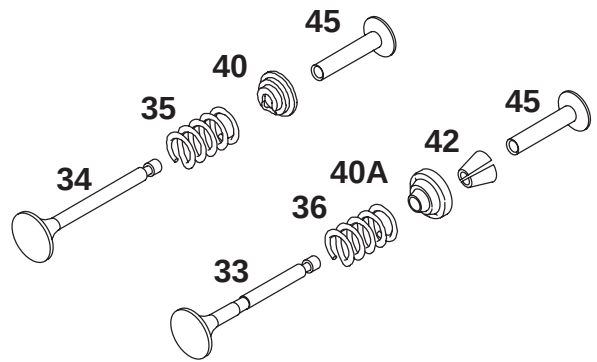
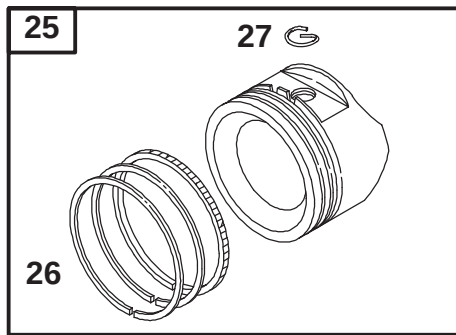
Cylinder Assembly Engine Briggs and Stratton Model 288707-1142-E1

Ref. No.	Part No.	Qty.	Description
1	496413	1	Cylinder Assembly
2	399265	1	Bearing/Seal Kit
★3	391086	1	Oil Seal
5	494240	1	Cylinder Head
Δ★7	271866	1	Cylinder Head Gasket
8	495735	1	Breather Assembly
Δ★9	27803	1	Valve Cover Gasket
10	691666	1	Screw (Breather Assembly)
11	691328	1	Breather Tube
13	690904	1	Screw (Cylinder Head)
306	690459	1	Cylinder Shield
307	691003	1	Screw (Cylinder Shield)
308	491490	1	Cylinder Head Cover
322	691681	1	Screw (Cylinder Head Cover)
322A	692198	1	Screw (Cylinder Head Cover)
337	802592	1	Sparkplug
383	89838	1	Sparkplug Wrench
404	691691	1	Washer (Governor Crank)
552	491986	1	Governor Crank Bushing

Ref. No.	Part No.	Qty.	Description
614	691620	1	Cotter Pin
616	692012	1	Governor Crank
635	66538	1	Sparkplug Boot
668	690510	1	Spacer
★691	692407	1	Governor Shaft Seal
718	690959	1	Locating Pin
869	691802	1	Valve Seat (Intake)
870	691844	1	Valve Seat (Exhaust)
871	261961	1	Bushing Guide (Exhaust Valve)
	231218	1	Bushing Guide (Intake Valve, Brass)
1058	274787	1	Owner's Manual

Δ Included in Valve Gasket Set-Ref. 1095.

★ Included in Engine Gasket Set-Ref. 358.



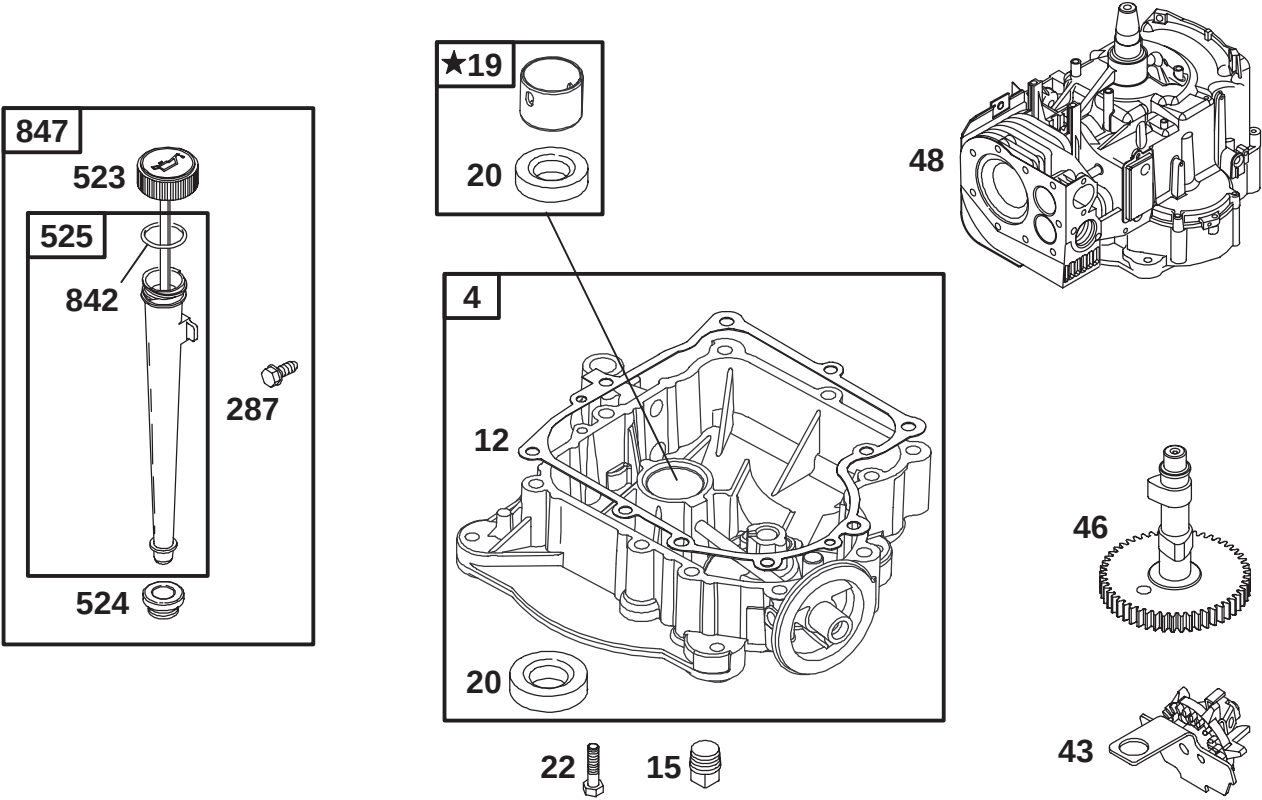
Assemblies include all parts shown in frames.

Crankshaft Assembly

Engine Briggs and Stratton Model 288707-1142-E1

Ref. No.	Part No.	Qty.	Description
16	693944	1	Crankshaft
24	222698	1	Flywheel Key
25	499284	1	Piston Assembly (Standard)
	499288	1	Piston Assembly (.010 O.S.)
	499292	1	Piston Assembly (.020 O.S.)
	499296	1	Piston Assembly (.030 O.S.)
26	499996	1	Ring Set (Standard)
	392331	1	Ring Set (Standard, Chrome)
	391781	1	Ring Set (.010 O.S.)
	391782	1	Ring Set (.020 O.S.)
	499999	1	Ring Set (.030 O.S.)
27	691299	1	Piston Pin Lock
28	498319	1	Piston Pin (Standard)
	498320	1	Piston Pin (.005 O.S.)
29	494504	1	Connecting Rod (Standard)
	495490	1	Connecting Rod (.020 Undersize)
32	690356	1	Screw

Ref. No.	Part No.	Qty.	Description
32A	690348	1	(Connecting Rod 1 7/8") Screw (Connecting Rod 1 5/8")
33	262246	1	Exhaust Valve
34	262247	1	Intake Valve
35	691605	1	Valve Spring (Intake)
36	691597	1	Valve Spring (Exhaust)
40	690656	1	Valve Retainer
40A	691939	1	Valve Retainer
42	494553	1	Valve Keeper
45	691811	1	Valve Keeper
146	691639	1	Timing Key
733	691658	1	Screw (Crankshaft Extension)
741	691284	1	Timing Gear
757	691714	1	Countweight Link
758	692423	1	Counterweight
759	691239	1	Counterweight Pin
761	691096	1	Screw (Counterweight)
810	691779	1	Crankshaft Extension

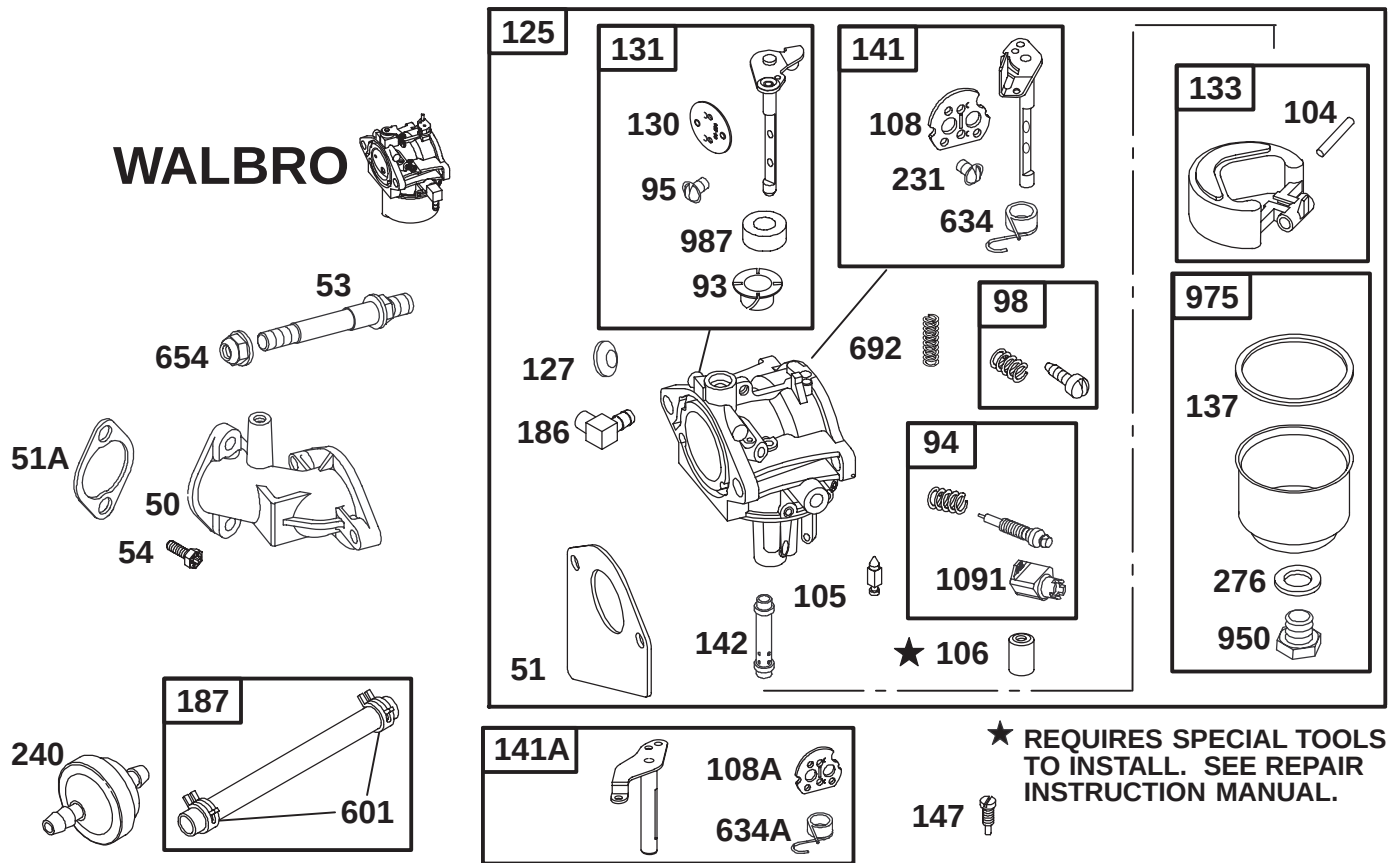


Assemblies include all parts shown in frames.

Crankcase Assembly **Engine Briggs and Stratton Model 288707-1142-E1**

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
4	494238	1	Engine Base				
★12	692226	1	Crankcase Gasket (.015 Thick, Std.)				
★	692406	1	Crankcase Gasket (.005 Thick)				
★	692405	1	Crankcase Gasket (.009 Thick)				
15	690946	1	Oil Drain Plug				
19	490666	1	Bushing/Seal Kit				
★20	291675	1	Oil Seal				
22	692125	1	Screw (Engine Sump)				
43	691968	1	Governor/Oil Slinger				
46	692123	1	Camshaft				
48	496606	1	Short Block				
287	691002	1	Screw (Dipstick Tube)				
523	692014	1	Dipstick				
★524	281370	1	Dipstick Tube Seal				
525	691398	1	Dipstick Tube				
★842	691870	1	O-Ring Seal (Dipstick Tube)				
847	496415	1	Dipstick/ Tube Assembly				

★ Included in Engine Gasket Set-Ref. 358.



Assemblies include all parts shown in frames.

Carburetor Assembly

Engine Briggs and Stratton Model 288707-1142-E1

Ref. No.	Part No.	Qty.	Description
50	691711	1	Intake Manifold
◆51	692284	1	Intake Gasket
△★51A	272554	1	Intake Gasket
53	691098	1	Stud (Carburetor)
54	690953	1	Screw (Intake Manifold)
●93	690602	1	Throttle Shaft Bushing
94	498030	1	Idle Mixture Kit
●95	691636	1	Screw (Throttle Valve)
98	495800	1	Idle Speed Kit
●104	690525	1	Float Hinge Pin
●105	231855	1	Float Needle Valve
●106	690577	1	Inlet Seat
108	692344	1	Choke Valve (Manual Choke)
108A	690467	1	Valve-Choke (Choke A Matic)
125	498027	1	Carburetor
●127	695005	1	Welch Plug
130	691750	1	Throttle Valve
131	494379	1	Throttle Shaft Kit
133	494381	1	Carburetor Float
◆137	281165	1	Float Bowl Gasket
141	495097	1	Choke Shaft Kit

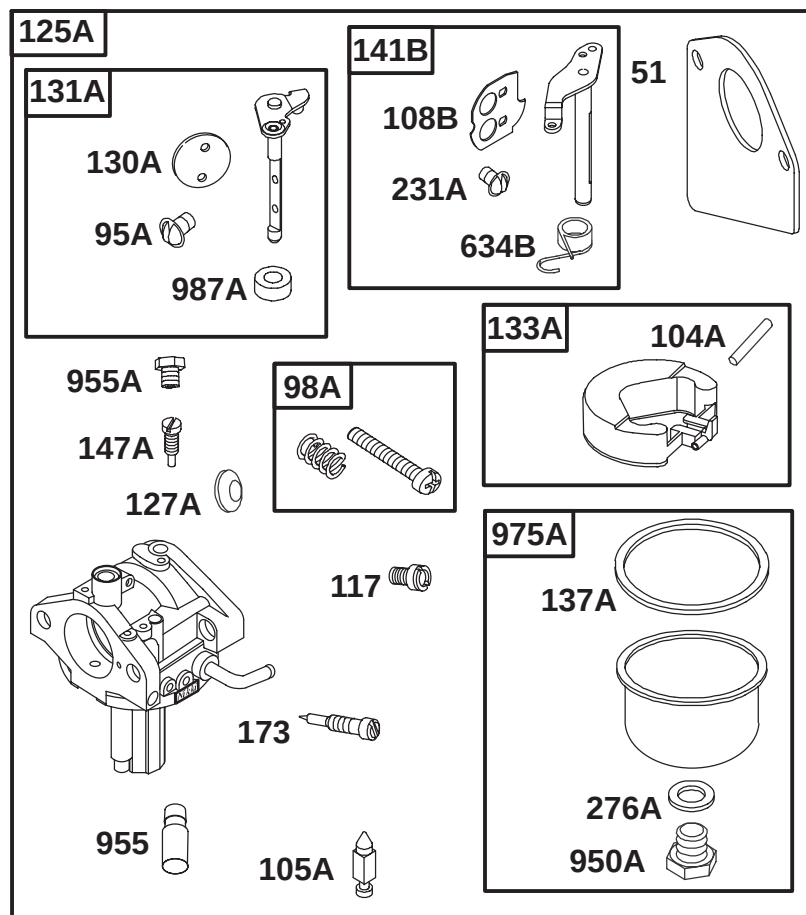
Ref. No.	Part No.	Qty.	Description
141A	495931	1	(Manual Choke) Choke Shaft Kit (Choke A Matic)
●142	691434	1	Carburetor Nozzle
●147	497472	1	Pilot Jet
186	692317	1	Hose Connector
187	691050	1	Fuel Line (Cut to Required Length)
●231	691636	1	Screw (Choke Valve)
240	394358	1	Filter-Fuel
◆276	692255	1	Sealing Washer
601	95162	1	Hose Clamp
●634	690801	1	Spring/Seal Assembly
●634A	690802	1	Spring/Seal Assembly
654	690958	1	Nut (Carburetor)
950	691657	1	Float Bowl Screw
975	495933	1	Float Bowl
●987	691326	1	Throttle Shaft Seal
1091	691333	1	Limiter Cap

△ Included in Valve Gasket Set-Ref. 1095.

★ Included in Engine Gasket Set-Ref. 358.

● Included in Carburetor Overhaul Kit-Ref. 121.

◆ Included in Carburetor Gasket Set-Ref. 977.



Assemblies include all parts shown in frames.

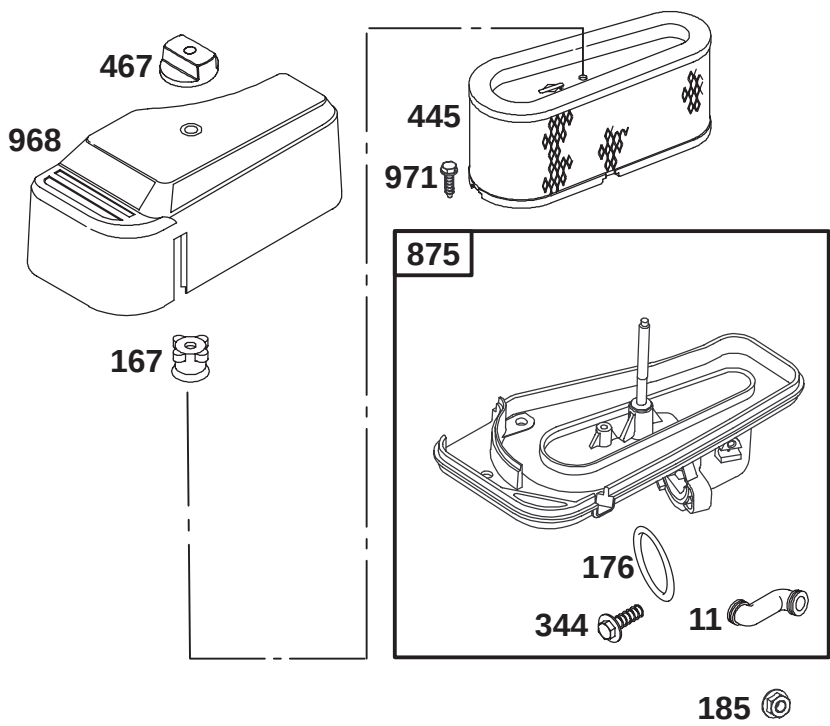
Carburetor Assembly

Engine Briggs and Stratton Model 288707-1142-E1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
◆51	692284	1	Intake Gasket	●987A	690998	1	Throttle Shaft Seal
●95A	690718	1	Screw (Throttle Valve)				
98A	694907	1	Idle Speed Kit				
●104A	694918	1	Float Hinge Pin				
●105A	694922	1	Float Needle Valve				
108B	694923	1	Choke Valve				
●117	690880	1	Main Jet (Standard)				
●	694925	1	Main Jet (High Altitude)				
125A	694941	1	Carburetor				
●127A	694916	1	Welch Plug				
130A	694917	1	Throttle Valve				
131A	694909	1	Throttle Shaft Kit				
133A	694914	1	Carburetor Float				
◆137A	694920	1	Float Bowl Gasket				
141B	694913	1	Choke Shaft				
●147A	694927	1	Pilot Jet				
173	694926	1	Idle Mixture Valve				
●231A	690718	1	Screw (Choke Valve)				
◆276A	690997	1	Sealing Washer				
●634B	694912	1	Spring/Seal Assembly				
950A	694919	1	Float Bowl Screw				
●955	694924	1	Carburetor Plug				
955A	694921	1	Carburetor Plug				
975A	694908	1	Float Bowl				

● Included in Carburetor Overhaul Kit—Ref. 121.

◆ Included in Carburetor Gasket Set—Ref. 977.



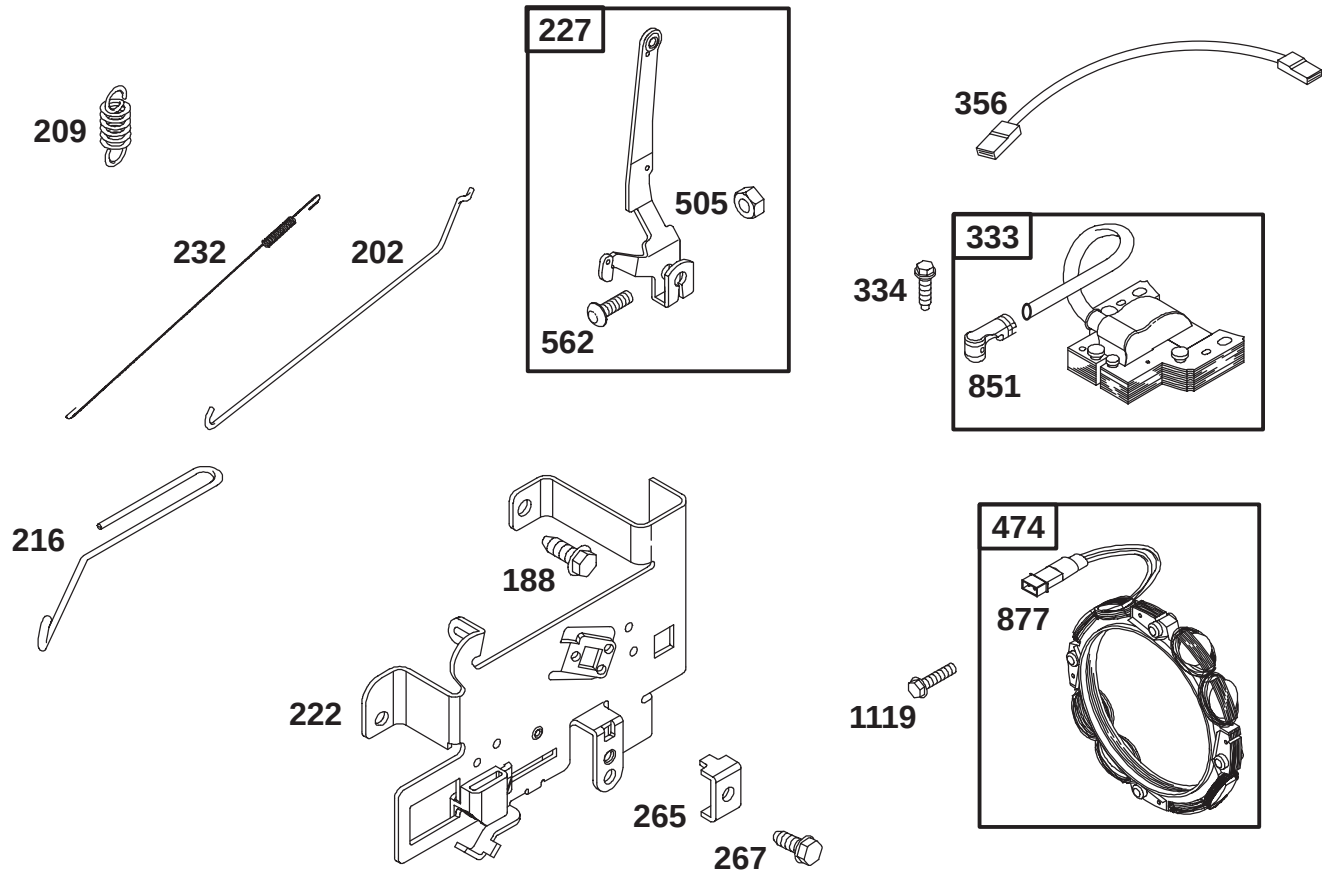
Assemblies include all parts shown in frames.

Air Cleaner Assembly

Engine Briggs and Stratton Model 288707-1142-E1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
11	691328	1	Breather Tube				
167	692297	1	Seal-Air Cleaner Nut				
Δ★176	691917	1	O-Ring Seal (Air Cleaner Base)				
185	690958	1	Nut (Air Cleaner Base)				
344	693675	1	Screw (Cable Clamp)				
445	496894	1	Air Cleaner Cartridge Filter				
467	691668	1	Air Cleaner Knob				
875	696129	1	Air Cleaner Base				
968	691916	1	Air Cleaner Cover				
971	692126	1	Screw (Air Cleaner Base)				

★ Included in Engine Gasket Set-Ref. 358.

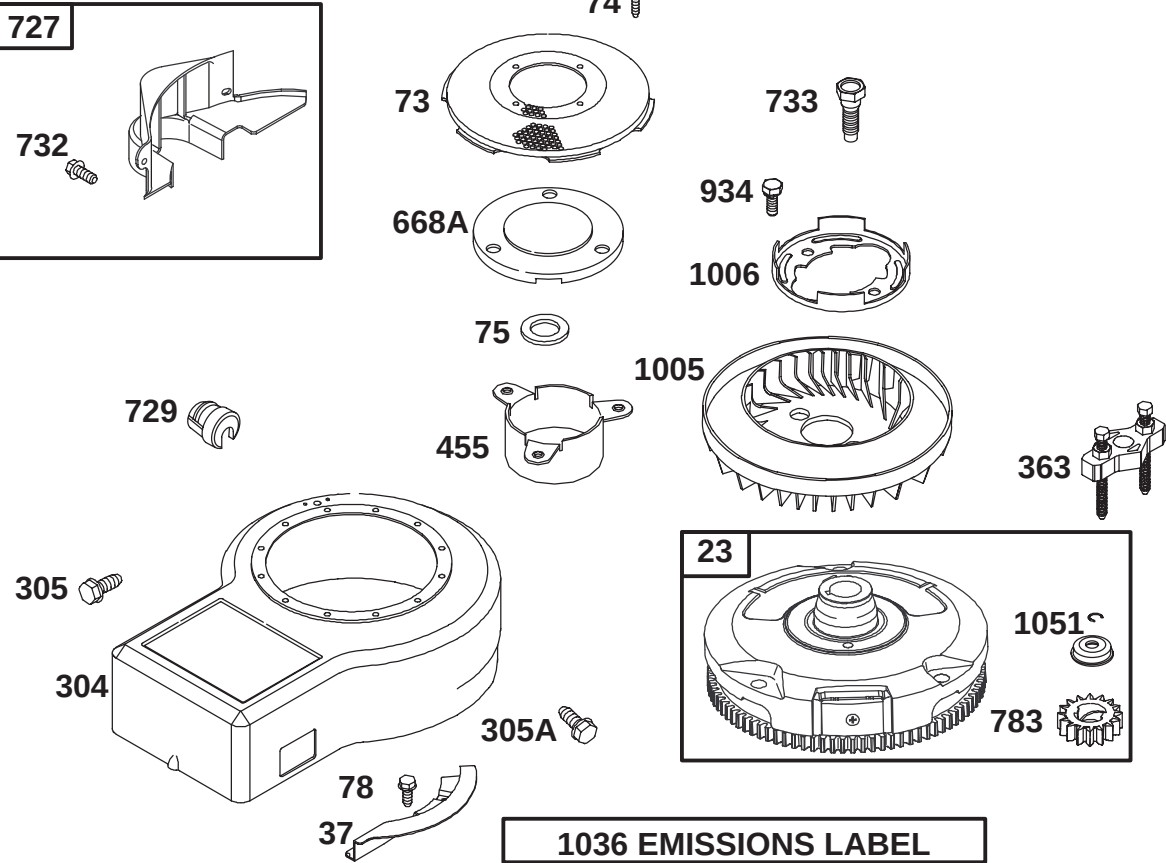


Assemblies include all parts shown in frames.

Governor Assembly

Engine Briggs and Stratton Model 288707-1142-E1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
188	691693	1	Screw (Control Bracket)				
202	691841	1	Mechanical Governor Link				
209	690480	1	Governor Spring				
216	691840	1	Choke Link				
222	694042	1	Control Bracket				
227	691374	1	Governor Control Lever				
232	691842	1	Governor Link Spring				
265	691024	1	Casing Clamp				
267	690804	1	Screw (Casing Clamp)				
333	492341	1	Magneto Armature				
334	691061	1	Screw (Magneto Armature)				
356	690799	1	Stop Wire				
474	691063	1	Alternator				
505	231082	1	Nut (Governor Control Lever)				
562	92613	1	Bolt (Governor Control Lever)				
851	493880	1	Spark Plug Terminal				
877	393456	1	Alternator/Wire Connector				
1119	691183	1	Screw (Alternator)				



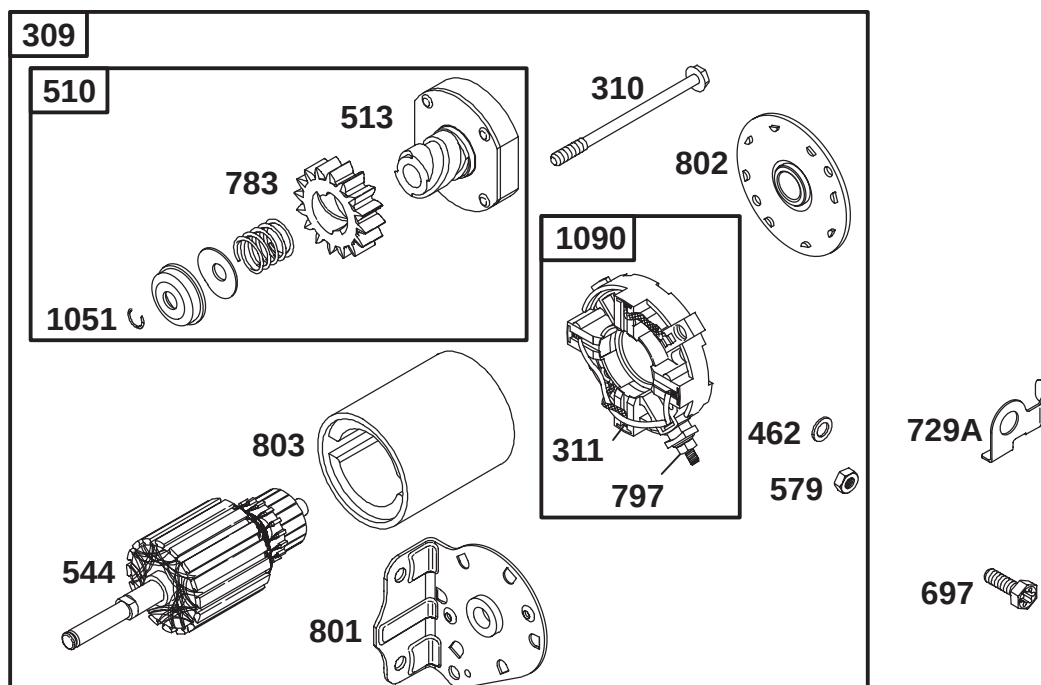
Assemblies include all parts shown in frames.

Blower Housing Assembly

Engine Briggs and Stratton Model 288707-1142-E1

Ref. No.	Part No.	Qty.	Description
23	693557	1	Flywheel
37	690456	1	Flywheel Guard
73	691748	1	Rotating Screen
74	691655	1	Screw (Rotating Screen)
75	690582	1	Washer (Flywheel)
78	690661	1	Screw (Flywheel Guard)
304	690846	1	Blower Housing
305	692198	1	Screw (Blower Housing)
305A	692127	1	Screw (Blower Housing)
363	19203	1	Flywheel Puller
455	691173	1	Flywheel Cup
668A	691323	1	Spacer
727	490324	1	Starter Drive Cover
729	690596	1	Wire Clip
732	691002	1	Screw (Starter Drive Cover)
733	691658	1	Screw (Crankshaft Extension)
783	693713	1	Pinion Gear
934	691058	1	Screw (Fan Retainer)

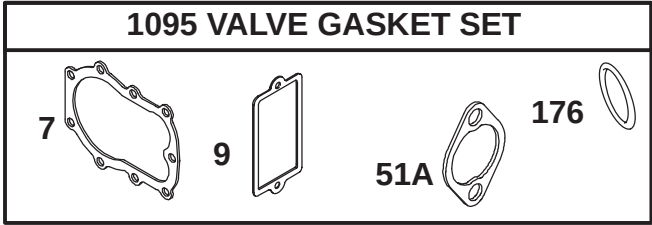
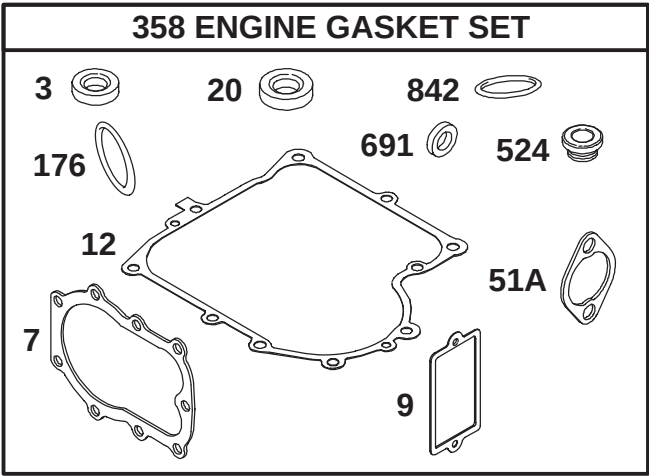
Ref. No.	Part No.	Qty.	Description
1005	691905	1	Flywheel Fan
1006	690452	1	Fan Retainer
1036	695699	1	Emissions Label
1051	691265	1	Retaining Ring



Starter Assembly

Engine Briggs and Stratton Model 288707-1142-E1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
309	693551	1	Starter Motor				
310	690323	1	Bolt (Starter Motor)				
311	497608	1	Brush Set				
462	691261	1	Washer (Brush Retainer				
510	693699	1	Starter Drive				
513	692024	1	Drive Clutch				
544	692034	1	Starter Armature				
579	691029	1	Nut (Brush Retainer				
697	690372	1	Screw (Drive Cap)				
729A	691224	1	Wire Clip				
783	693713	1	Pinion Gear				
797	693167	1	Nut (Brush Retainer)				
801	691429	1	Drive Cap				
802	691286	1	End Cap				
803	693757	1	Starter Housing				
1051	691265	1	Retaining Ring				
1090	691293	1	Brush Retainer				



Assemblies include all parts shown in frames.

Gasket Assembly

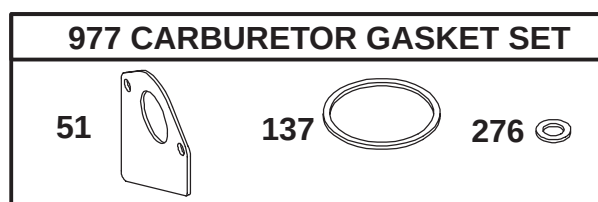
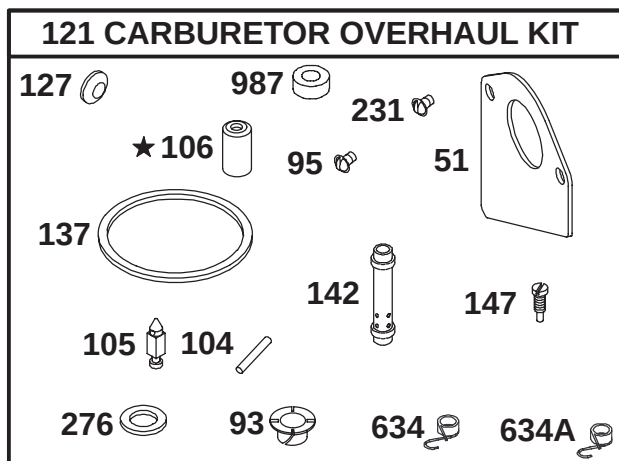
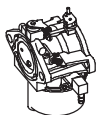
Engine Briggs and Stratton Model 288707-1142-E1

Ref. No.	Part No.	Qty.	Description	Ref. No.	Part No.	Qty.	Description
★3	391086	1	Oil Seal				
△★7	271866	1	Cylinder Head Gasket				
△★9	27803	1	Valve Cover Gasket				
★12	692226	1	Crankcase Gasket (.015 Thick)				
★	692406	1	Crankcase Gasket (.005 Thick)				
★	692405	1	Crankcase Gasket (.009 Thick)				
★20	291675	1	Oil Seal				
△★51A	272554	1	Intake Gasket				
△★176	691917	1	O-Ring Seal (Air Cleaner Base)				
358	494241	1	Engine Gasket Set				
★524	281370	1	Dipstick Tube Seal				
★691	692407	1	Governor Shaft Seal				
★842	691870	1	O Ring Seal (Dipstick Tube)				
1095	498539	1	Valve Gasket Set				

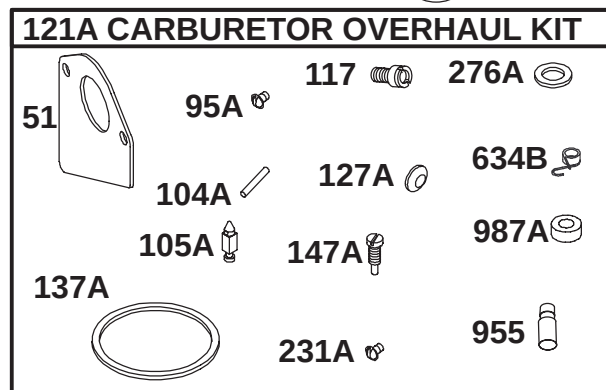
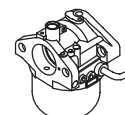
△ Included in Valve Gasket Set-Ref. 1095.
★ Included in Engine Gasket Set-Ref. 358.

● Included in Carburetor Overhaul Kit-Ref. 121.
◆ Included in Carburetor Gasket Set-Ref. 977.

WALBRO



NIKKI



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

Assemblies include all parts shown in frames.

Carburetor Overhaul Kit Assembly Engine Briggs and Stratton Model 288707-1142-E1

Ref. No.	Part No.	Qty.	Description
◆51	692284	1	Intake Gasket
●93	690602	1	Throttle Shaft Bushing
●95	691636	1	Screw (Throttle Valve)
●95A	690718	1	Screw (Throttle Valve)
●104	690525	1	Float Hinge Pin
●104A	694918	1	Float Hinge Pin
●105	231855	1	Float Needle Valve
●105A	694922	1	Float Needle Valve
●106	690577	1	Inlet Seat
●117	690880	1	Main Jet (Standard)
●	694925	1	Main Jet (High Altitude)
121	499220	1	Carburetor Overhaul Kit
121A	694930	1	Carburetor Overhaul Kit
●127	695005	1	Welch Plug
●127A	694916	1	Welch Plug
◆137	281165	1	Float Bowl Gasket
◆137A	694920	1	Float Bowl Gasket
●142	691434	1	Carburetor Nozzle
●147	497472	1	Pilot Jet
●147A	694927	1	Pilot Jet
●231	691636	1	Screw (Choke Valve)
●231A	690718	1	Screw (Choke Valve)

Ref. No.	Part No.	Qty.	Description
◆276	692255	1	Sealing Washer
◆276A	690997	1	Sealing Washer
●634	690801	1	Spring/Seal Assembly
●634A	690802	1	Spring/Seal Assembly
●634B	694912	1	Spring/ Seal Assembly
●955	694924	1	Carburetor Plug
977	494385	1	Carburetor Gasket Set
977A	694931	1	Carburetor Gasket Set
●987	691326	1	Throttle Shaft Seal
●987A	690998	1	Throttle Shaft Seal

△ Included in Valve Gasket Set-Ref. 1095.

★ Included in Engine Gasket Set-Ref. 358.

● Included in Carburetor Overhaul Kit-Ref. 121.

◆ Included in Carburetor Gasket Set-Ref. 977.



PROTOTYPE