



Operator's Manual



Wide-Cut™ 33"
Combination Mower
Models 753B
F753B

(fuel tank styles vary by engine model)

IMPORTANT: READ SAFETY RULES AND INSTRUCTIONS CAREFULLY

Warning: This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator. In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester for the muffler is available by contacting the service department at Troy-Bilt LLC, P.O. Box 361131 Cleveland, Ohio 44136-0019.

TROY-BILT LLC, P.O. BOX 361131, CLEVELAND, OH 44136-0019

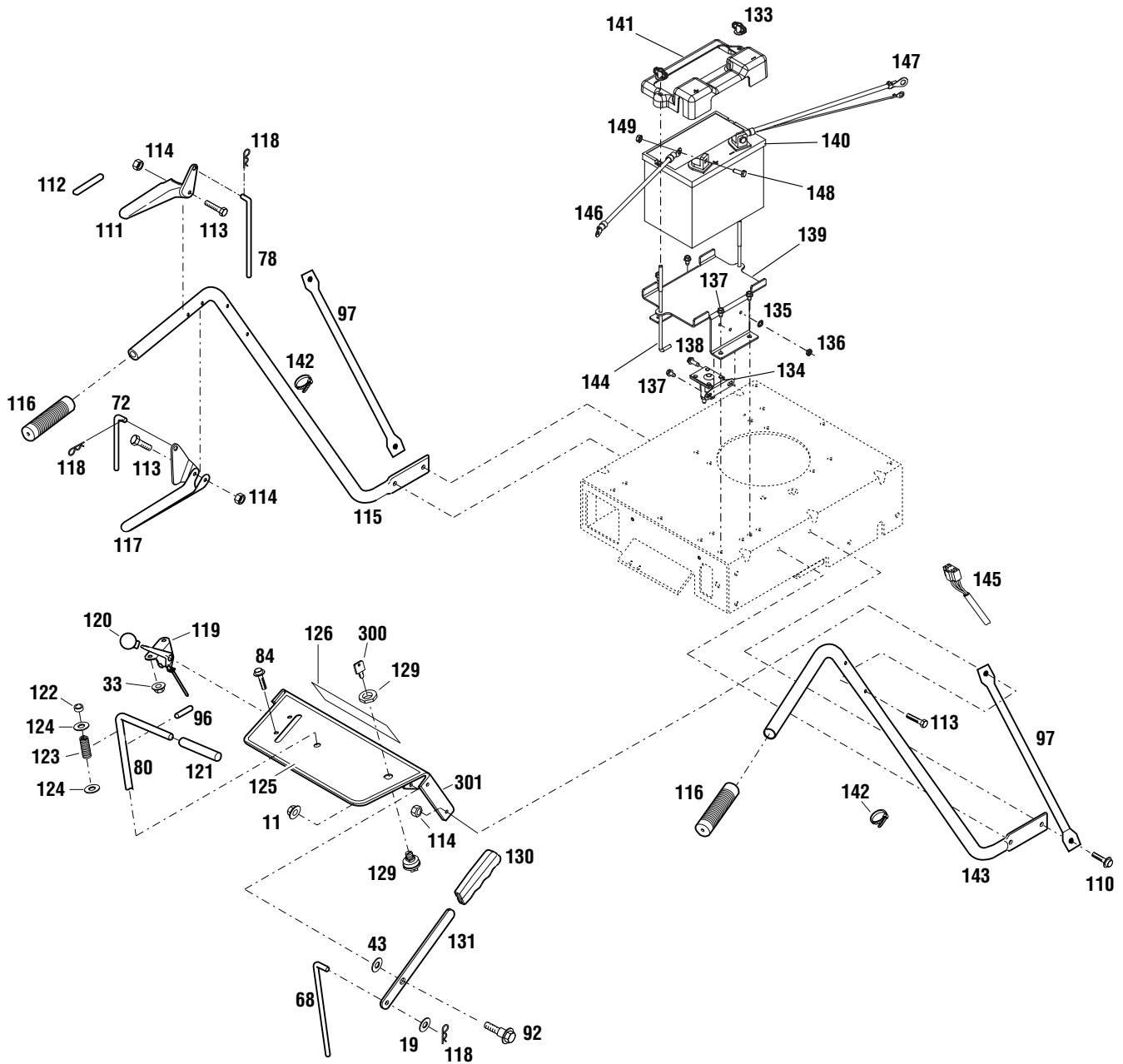
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Section
6

Parts List

HANDLEBAR AND CONSOLE ASSEMBLY



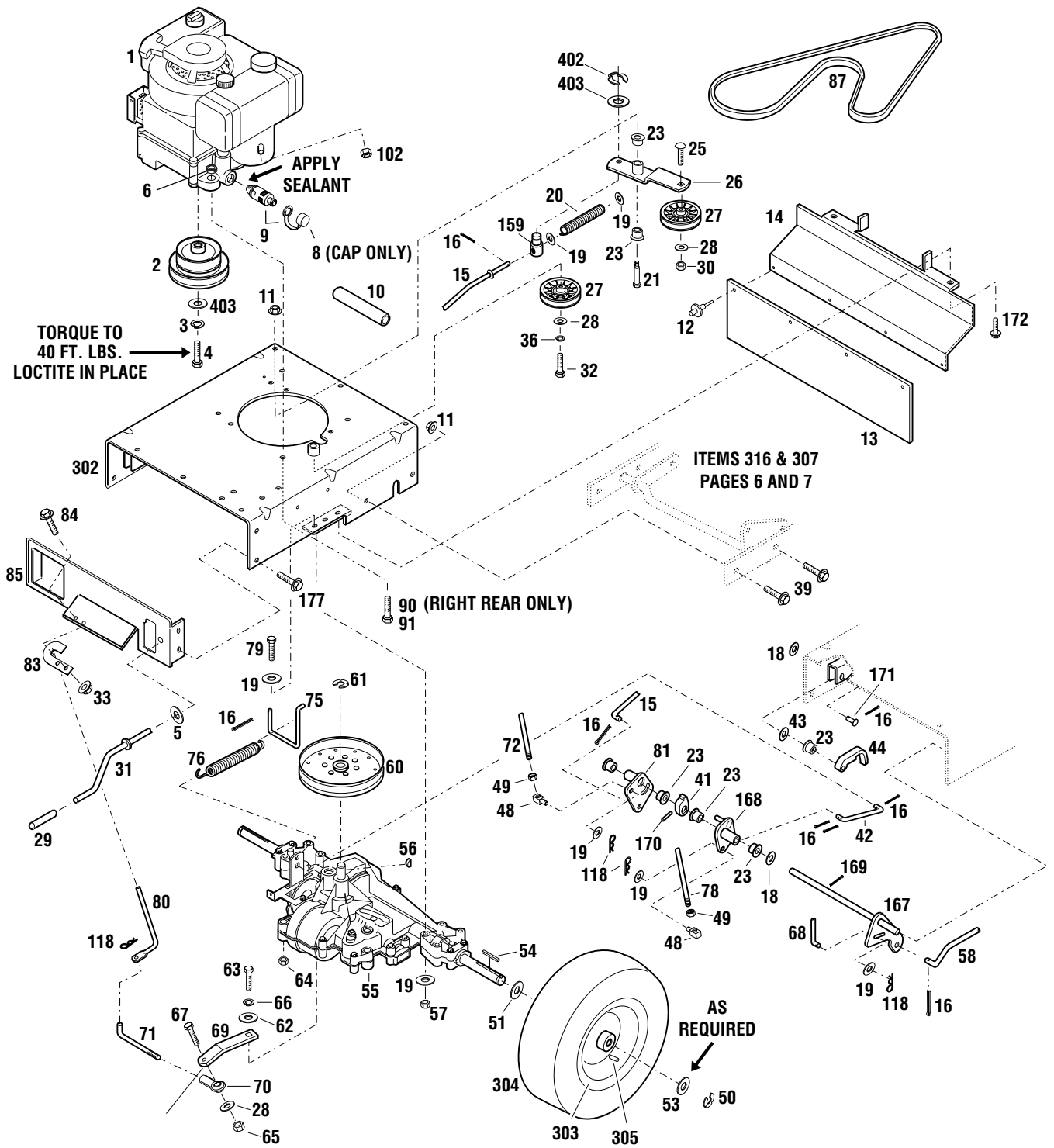
HANDLEBAR AND CONSOLE ASSEMBLY

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
11	1186393	Flange Locknut, 3/8-16.....	1	124	1107385	Flat Washer, 1/2	1
19	1107382	Flat Washer, 5/16	4	125	777S32064	Warning Decal (A)	1
33	1186389	Flange Locknut, 1/4-20.....	2		1768457	Warning Decal (B)	1
43	1702646	Flat Washer, 1/2	1	126	777D06080	Logo Decal (A) (B)	1
68	1769888	Upper Blade Rod	1	129	1734196	Ignition Switch (B)	1
72	1773607	Upper Transmission Rod.....	1	130	720-0313	Handle Grip	1
78	1769872	Upper Brake Rod	1	131	1768223	Mower Engage Lever.....	1
80	1769874	Shift Rod	1	133	712-0397	Wing Nut, 1/4-20 (B).....	2
84	1186308	Flange Lock Screw, 1/4-20 x 1/2	2	134	725-1426	Solenoid (B)	1
92	1703051	Shoulder Bolt	1	135	736-0222	External Lock Washer, 1/4 (B).....	1
96	1185279	Roll Pin, 1/4 x 2-1/4	1	136	712-0298	Jam Nut, 1/4-20 (B)	1
97	1915545	Brace, Handlebar (A) (B)	2	137	710-0599	Self-tapping Screw, 1/4-20 x 1/2 (B).....	5
110	710-0817	Flange Lock Screw, 5/16 x 3/4	4	138	710-0642	Self-tapping Screw, 1/4-20 x 3/4 (B).....	1
111	1770445	Control Handle	1	139	787-01120	Battery Bracket (B)	1
112	777I00001	Operator Presence Control Decal	1	140	725-1706	Battery, 270 CCA (B)	1
113	1915793	Screw, 1/4-20 x 1-3/4, Grade 8	6	141	731-0707A	Battery Cover (B).....	1
114	712-3055	Locknut, 1/4-20	2	142	725-0157	Plastic Tie.....	5
115	1764922	Left Handlebar (A) (B)	1	143	1764923	Right Handlebar (A) (B).....	1
116	1703539	Handle Grip	2	144	711-0222A	Battery Hold-down Rod (B)	2
117	1773605	Control Handle	1	145	725-04088	Wiring Harness (B).....	1
118	1717897	Hair Pin, 5/64	3	146	725-04086	Red Wire, 12" (B)	1
119	1768191	Throttle Control	1	147	725-04087	Black Wire, 14" (B).....	1
120	1737118	Knob.....	1	148	710-3015	Hex Screw, 1/4-20 x .75 (B).....	2
121	1737041	Handle Grip	1	149	712-0271	Hex Sems Nut, 1/4-20 (B)	2
122	1715716	Nylon Bushing.....	1	300	725-0201	Ignition Key (B)	2
123	1721492	Compression Spring.....	1	301	1768625	Console Assembly.....	1

(A) Model 753B

(B) Model F753B

Wide-Cut Combination Mower



DRIVE ASSEMBLY

DRIVE ASSEMBLY

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
1	*	Engine, Electric Start	1	56	1104436	Woodruff Key, 3/16 x 3/4	1
	*	Engine, Recoil Start	1	57	1732499	Top Locknut, 5/16-18	4
2	1769904	Engine Pulley	1	58	1770247	Lower Blade Rod	1
3	736-0171	Lock Washer, 7/16	1	60	1770326	Transaxle Pulley	1
4	1740949	Bolt, 7/16-20 x 1-3/4	1	61	1118808	Retaining Ring	1
5	1773599	Washer, Nylon	1	62	736-0463	Flat Washer, 1/4	3
6	712-0266	Ground Wire Jam Nut, 3/8-16 (B)	1	63	1100002	Screw, 1/4-28 x 3/4	1
8	1766326	Oil Valve Cap	1	64	712-3004A	Flange Locknut, 5/16-18	1
9	1768865	Oil Valve (Incl. Ref. 8)	1	65	712-0375	Locknut, 3/8-16	2
10	1769006	Oil Drain Hose	1	66	736-0329	Lock Washer, 1/4	1
11	1186393	Flange Locknut, 3/8-16	5	67	712-3005	Screw, 3/8 x 1-1/4	1
12	1727379	Pop Rivet, 3/16	4	68	1769888	Upper Blade Rod	1
13	1769870	Flap	1	69	1768140	Transmission Arm	1
14	1769869	Flap Bracket	1	70	1767837	Ball Joint	1
15	1769885	Lower Transmission Rod	1	71	1768628	Shift Link Rod	1
16	1185147	Cotter Pin, 3/32 x 5/8	8	72	1769873	Upper Transmission Rod	1
18	1890234	Flat Washer, 1/2	1	75	1768624	Spring Attachment Rod	1
19	1107382	Flat Washer, 5/16	5	76	1768636	Extension Spring	1
20	1711864	Compression Spring	1	78	1769872	Upper Brake Rod	1
21	1763219	Shoulder Bolt	1	79	1111609	Screw, 5/16-18 x 2-3/4	2
23	1715538	Nyliner, 1/2	2	80	1769874	Shift Rod	1
25	1748393	Carriage Bolt, 3/8-16 x 1-3/4	1	81	1769875	Clutch Arm Pivot	1
26	1918370	Idle Arm	1	83	1768630	Shift Rod Bracket	1
27	1756151	Idle Pulley	2	84	1186308	Flange Lock Screw, 1/4-20 x 1/2	2
28	736-3050	Flat Washer, 3/8	3	85	1769852	Backplate (A) (B)	1
29	1715685	Plastic Grip	1	87	1770334	V-Belt	1
30	712-3000	Top Locknut, 3/8-16	1	90	1768194	Thread Forming Screw, 3/8-16 x 1-1/2	1
31	1915831	Lift Crank Assembly	1	91	1762042	Thread Forming Screw, 3/8-16 x 1	3
32	710-0347	Bolt, 3/8-16 x 1-3/4	1	102	1186229	Hex Nut, 1/4-20	1
33	1186389	Flange Locknut, 1/4-20	4	118	1717897	Hair Pin, 5/64	3
36	736-0169	Lock Washer, 3/8	1	159	1916897	Pivot	1
39	1186347	Flange Lock Screw, 3/8-16 x 1	4	167	1769882	Pivot Shaft Assembly	1
41	1769881	Interlock Cam	1	168	1769878	Brake Arm	1
42	1769877	Lower Brake Rod	1	169	1100350	Cotter Pin	3
43	1702646	Washer, Flat 1/2	3	170	1187961	Drive Pin, 5/32 x 1	1
44	1770361	Interlock Latch	1	171	1730851	Clevis Pin, 1/2 x 1-1/4	1
48	1725264	Swivel Block	2	172	710-0604A	Screw, 5/16-18 x 3/4	2
49	712-3007	Jam Nut, 5/16-18	2	177	1740496	Flange Screw, 5/16-18 x 3/4	2
50	1185388	Retaining Ring	2	302	687-02014	Frame Weldment Assembly	1
51	1708012	Flat Washer	4	303	1768180	Wheel Rim	2
53	1701447	Special Washer	A/R	304	1774129	Tire	2
54	1769781	Square Key, 3/16 x 2-1/2	2	305	1718086	Valve Stem	2
55	•	Transmission Assembly, Model 915-027 (See page 36 for breakdown.)	1	400	GW-97092	Loctite 242, 0.02 oz. Tube	N/I
				402	GW-9532	Clip Ring	1

* Order parts from your local authorized engine dealer. Refer to engine for model/type number.

• Order parts from your local Peerless - Tecumseh dealer.

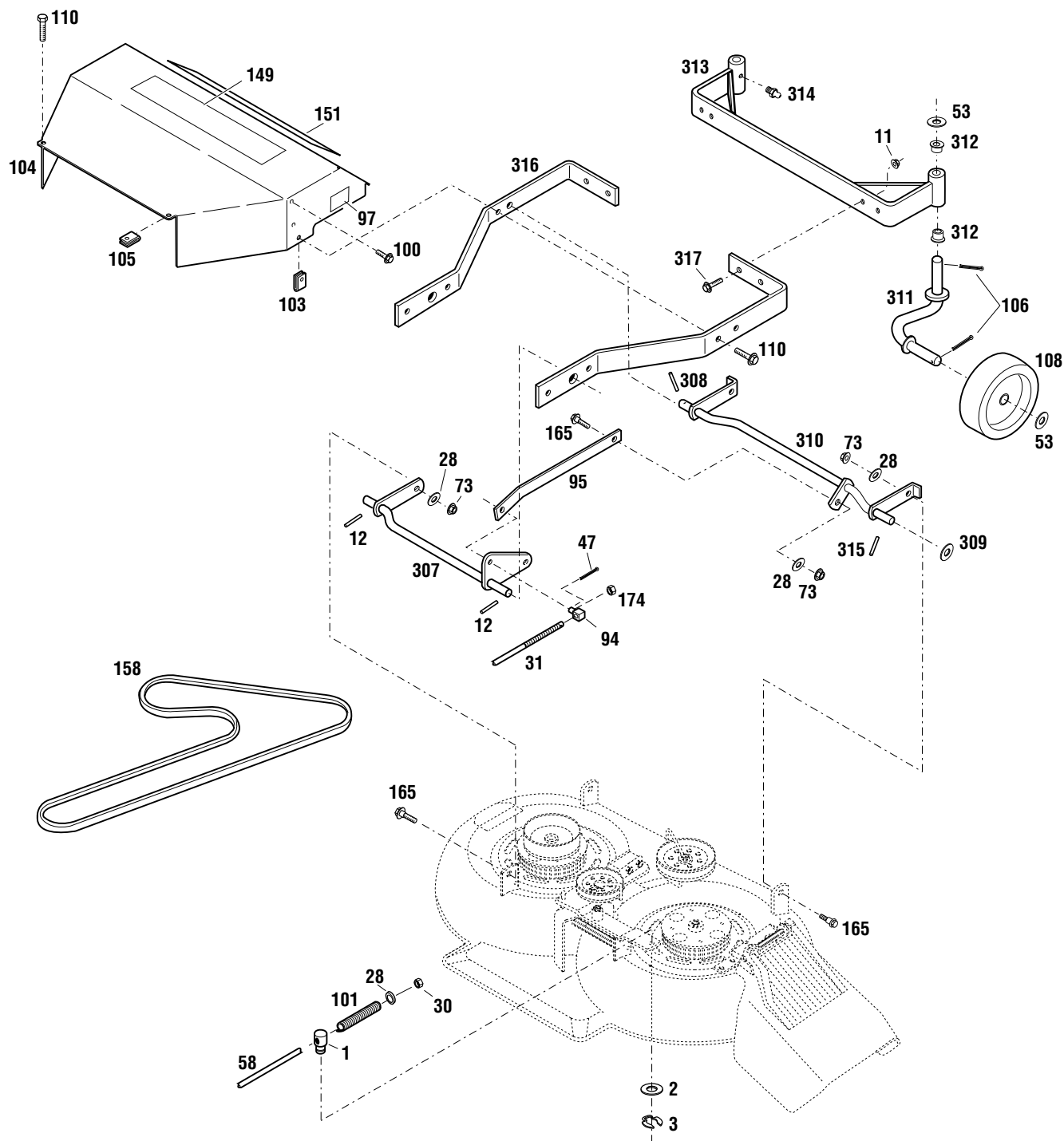
A/R As required.

N/I Item not included with unit; order separately.

(A) Model 753B

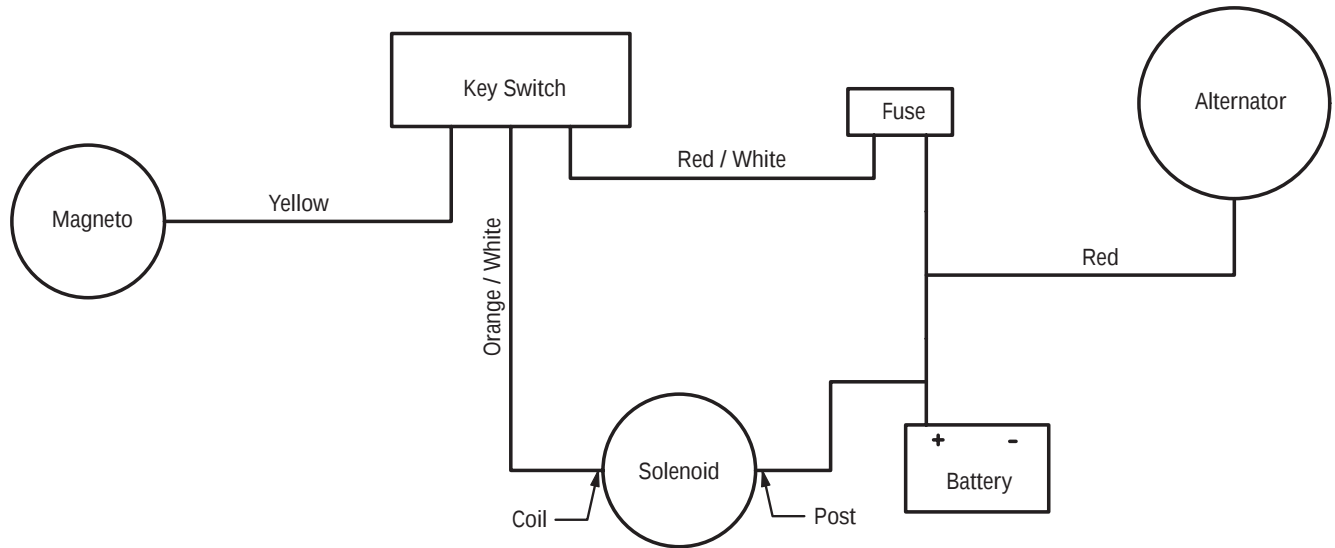
(B) Model F753B

Wide-Cut Combination Mower



FRONT FRAME ASSEMBLY

ELECTRICAL DIAGRAM – MODEL F753B ONLY

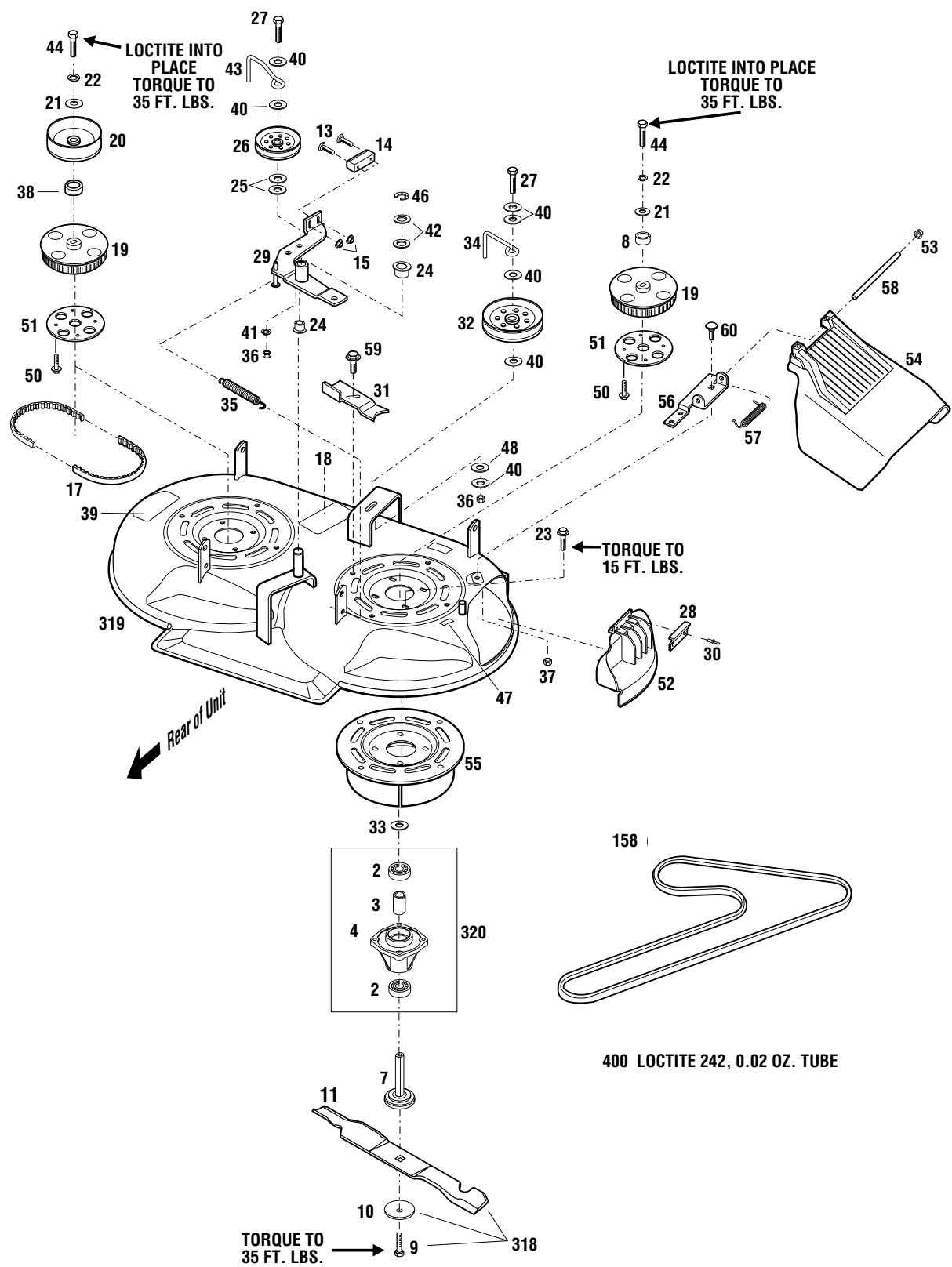


FRONT FRAME ASSEMBLY

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
1	1916897	Pivot.....	1	106	1100352	Cotter Pin	4
2	GW-20546	Washer.....	1	108	1743891	Gage Wheel	2
3	GW-9532	Clip Ring	1	110	1186329	Flange Lock Screw, 5/16 x 3/4	2
11	1186393	Flange Locknut, 3/8-16.....	9	149	777D06078	Logo Decal	1
16	1185147	Cotter Pin, 3/32 x 5/8	2	151	777D06077	33" Combination Deck Decal	1
28	736-3050	Flat Washer, 3/8	6	158	1769767	V-Belt	1
30	712-3000	Locknut, 3/8-16	1	165	1754125	Shoulder Bolt	5
31	1769895	Lift Crank.....	1	174	1770355	Toplock Nut	1
47	714-0474	Cotter Pin	1	307	1769903	Rear Lift Assembly	1
53	1701447	Special Washer.....	4	308	1185469	Roll Pin, 1/4 x 1.....	2
58	1770247	Lower Blade Rod	1	309	736-0156	Flat Washer, 5/8	1
73	712-0266	Flange Locknut, 3/8-16.....	5	310	1770248	Front Lift Assembly	1
94	1768231	Pivot Block	1	311	1768477	Spindle Assembly.....	2
95	1769521	Leveler Bar	1	312	1764140	Flange Bearing.....	4
97	777I00006	Cutting Height Decal.....	1	313	1769743	Gage Support	1
100	1769344	Tap Screw, #8 x 3/8	8	314	1185976	Grease Fitting	2
101	1769007	Compression Spring.....	1	315	1185759	Drive Pin, 1/4 x 3.....	2
103	726-04008	Speed Nut, 5/16-18	2	316	1769899	Mower Support	2
104	1764996	Belt Guard	1	317	1186347	Whizlock Screw, 3/8-16 x 1.....	4
105	726-04006	Speed Nut, 5/16-18	2				

- (A) Model 753B
(B) Model F753B

Wide-Cut Combination Mower



MOWER DECK ASSEMBLY

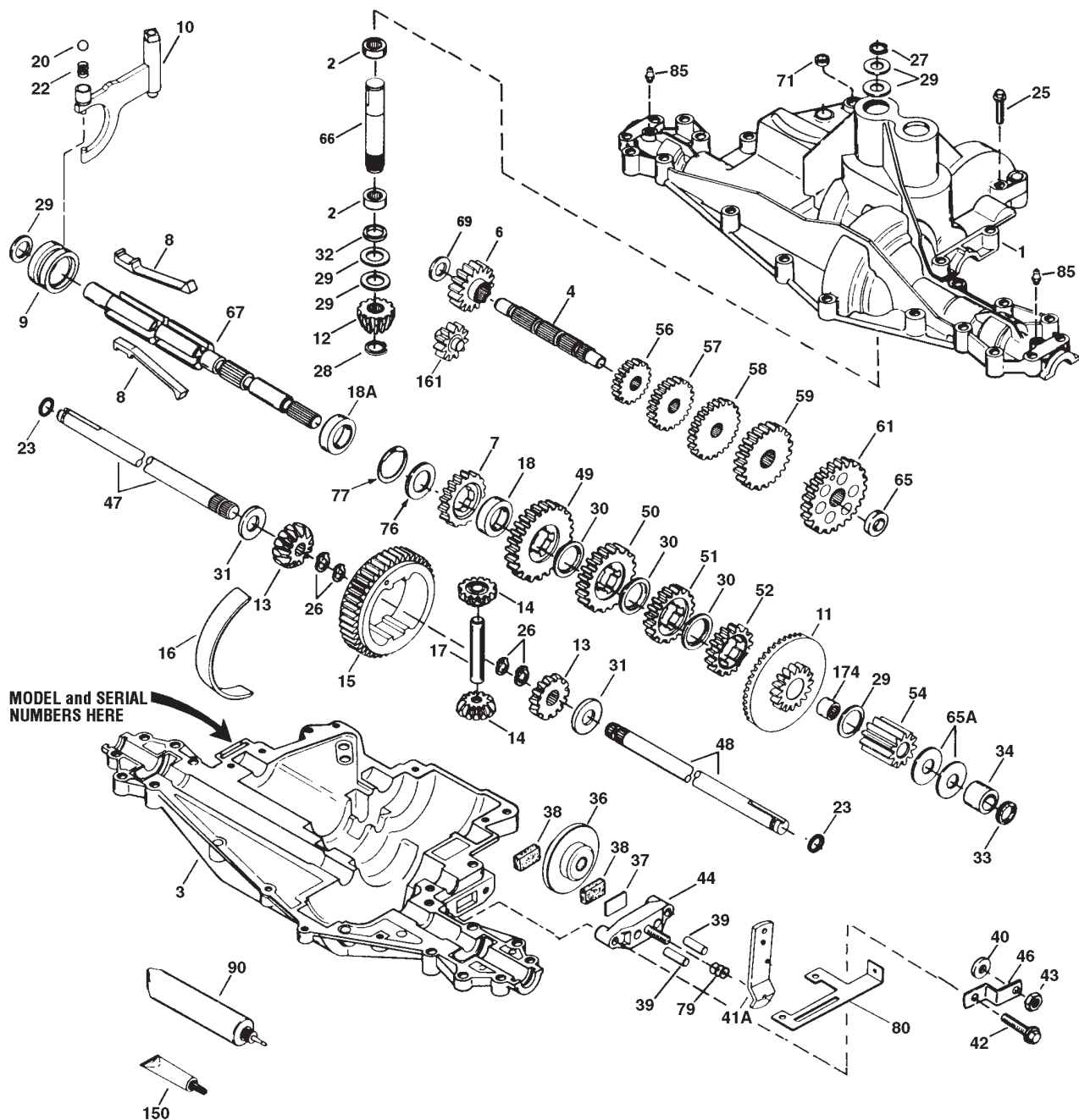
MOWER DECK ASSEMBLY

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
2	1185574	Ball Bearing	4	37	1732499	Locknut, 5/16-18.....	1
3	1746869	Spacer	2	38	1723996	Pulley Spacer	1
4	1765092	Mower Spindle	2	39	777S30118	Danger Decal.....	1
7	711-04020	Spindle Shaft	1	40	1768818	Flat Washer, 3/8 x 3/4	7
8	1918848	Spacer (For right-hand spindle ass'y)	1	41	736-0169	Lock Washer, 3/8	1
9	1765196	Screw, 7/16-14 x 1.....	2	42	1701447	Flat Washer	2
10	1765197	Belleville Washer	2	43	1764135	Belt Guide.....	1
11	1910917	Blade, 33" Mulching.....	2	44	1769397	Screw, 7/16-14 x 1-1/4	2
13	1771081	Flat Head Screw, #10-24 x 1-1/4	2	46	716-0101	Retaining Ring.....	1
14	1771083	Brake Pad	1	47	777S00008	Warning Decal	1
15	712-0271	Sems Nut, #10-24	2	48	1185715	Pyramid Washer, 3/8.....	1
17	1773600	Toothed Drive Belt	1	50	1771925	Triplask Screw, 1/4-20 x 5/8	8
18	777S00004	Caution Decal	1	51	1771922	Sprocket Plate	2
19	1774220	Cogged Pulley, 56T	2	52	631-04011	Mulcher Cover, Fold-Up Style (Incl. Ref. 28 and 30)	1
20	1769362	Drive Pulley	1	53	1727342	Cap.....	2
21	1736484	Flat Washer, 7/16	2	54	1910931	Discharge Chute	1
22	736-0171	Lock Washer, 7/16	2	55	687-02004	Weldment Doubler	2
23	1773523	Flange Lock Screw, 5/16-18 x 1	8	56	1910951	Bracket, Chute Hinge.....	1
24	1764140	Flange Bushing.....	2	57	1910971	Spring, Discharge Chute.....	1
25	1701055	Flat Washer	2	58	1910972	Pin, Discharge Chute.....	1
26	1762794	Idler Pulley	1	59	710-0650	Screw, Thread-Forming.....	8
27	1100062	Hex Head Capscrew, 3/8-16 x 2-1/2.....	2	60	GW-90077	Bolt, Carriage, 3/8-18 x 3/4	1
28	1911054	Adapter Trim	1	158	1769767	V-Belt	1
29	1918371	Idler Arm	1	318	1773595	Mulching Blade Kit (Incl. Refs. 9, 10 and 11).....	1
30	1186059	Pop Rivet	2	319	1773587	Mower Deck Assembly (A) (B)	1
31	1911021	Belt Tension Adjustment Bracket	1	320	1769048	Mower Spindle Assembly (Incl. Refs. 2, 3 & 4).....	2
32	1749911	Idler Pulley	1	400	GW-97092	Loctite 242, 0.02 oz. Tube.....	N/I
33	1766787	Special Thrust Washer	2	401	1735222	Black Spray Paint Can, 13 oz.	N/I
34	1720717	Belt Guide.....	1				
35	1756595	Extension Spring	1				
36	712-3017	Nut, 3/8-16.....	2				

N/I Item not included with unit; order separately.

- (A) Model 753B
- (B) Model F753B

Peerless Transaxle

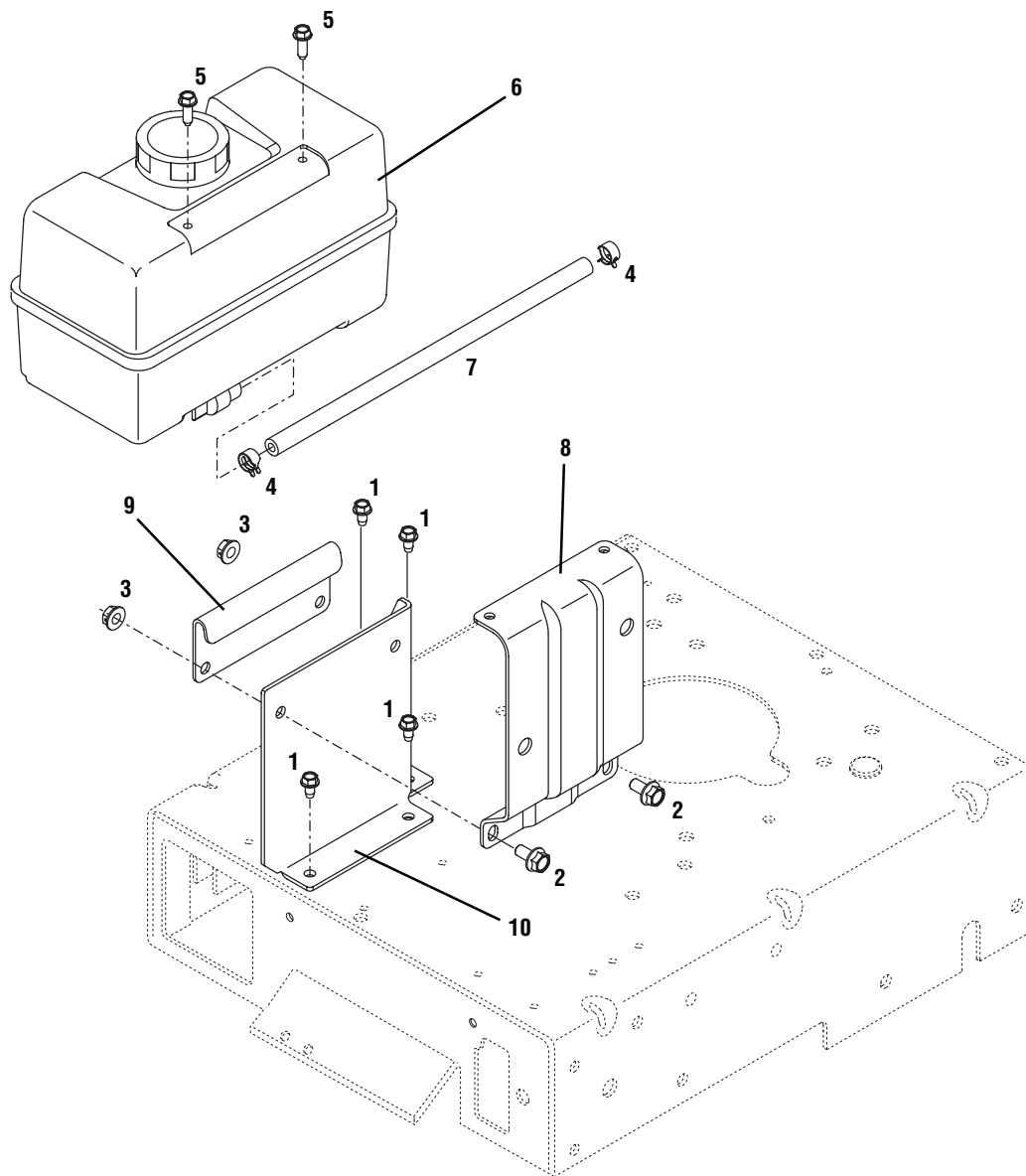


TRANSAXLE ASSEMBLY

Ref.	Part	Description	Qty.	Ref.	Part	Description	Qty.
1	TC-772113	Transaxle Cover	1	39	TC-786026	Dowel Pin	2
1	TC-772135	Transaxle Cover	1	40	TC-792076A	Washer	1
2	TC-780086A	Needle Bearing	2	41	TC-790045	Brake Lever	1
3	TC-770110	Transaxle Case	1	42	TC-792073	Screw, 1/4-20 x 1-1/4"	2
4	TC-776300	Countershaft	1	43	TC-792075	Locknut, 5/16-24	1
6	TC-778281	Spur Gear (16 teeth)	1	44	TC-790025	Brake Pad Holder	1
7	TC-778122A	Spur Gear (22 teeth)	1	46	TC-786086	Brake Lever Bracket	1
8	TC-792160	Shift Key	4	47	TC-774747	Axle (16-1/4" long)	1
9	TC-784373	Shift Collar	1	48	TC-774888	Axle (11" long)	1
10	TC-784365	Shift Rod & Fork	1	49	TC-778124A	Spur Gear (30 teeth)	1
11	TC-778261	Bevel Gear & Bearing (Incl. 174)	1	50	TC-778123A	Spur Gear (25 teeth)	1
12	TC-778262	Bevel Pinion (14 teeth)	1	51	TC-778122A	Spur Gear (22 teeth)	1
13	TC-778221	Bevel Gear (16 teeth)	2	52	TC-778273	Spur Gear (19 teeth)	1
14	TC-778068	Differential Pinion	2	54	TC-778263	Spur Gear (11 teeth)	1
15	TC-778260	Ring Gear	1	56	TC-778126A	Spur Gear (20 teeth)	1
16	TC-786150	Bearing Strip	1	57	TC-778127A	Spur Gear (25 teeth)	1
17	TC-786139	Drive Pin	1	58	TC-778128A	Spur Gear (28 teeth)	1
18	TC-786147	Neutral Spacer	1	59	TC-778129A	Spur Gear (30 teeth)	1
18A	TC-786159	Neutral Spacer	1	61	TC-778265	Spur Gear (34 teeth)	1
20	TC-792077	Ball, 5/16" dia.	1	65	TC-780162	Washer	1
22	TC-792079	Spring	1	65A	TC-780160	Washer	2
23	TC-788061	Seal Ring	2	66	TC-776299	Input Shaft	1
25	TC-792073	Screw, 1/4-20 x 1-1/4"	17	67	TC-776352	Shifter & Brake Shaft	1
26	TC-792125	Retaining Ring	4	69	TC-780161	Washer	1
27	TC-792035	Retaining Ring	1	71	TC-788069	Square Cut Ring	1
28	TC-788040	Retaining Ring	1	76	TC-780090	Washer	1
29	TC-780072	Washer	6	77	TC-788078A	Inverted Retaining Ring (pkg. of 2) .	1
30	TC-780108	Washer	3	79	TC-792144	Spring	1
31	TC-780001	Washer	2	80	TC-790063A	Brake Bracket	1
32	TC-792001	"O" Ring	1	85	TC-792137	Lubrication Fitting	2
33	TC-788076	"O" Ring	1	90	TC-788067B	Grease	
34	TC-780159	Bushing	1		(32 oz. bottle Bentonite grease)	1	
36	TC-790071	Brake Disk	1	150	510334	Gasket Eliminator (Loctite #515)	1
37	TC-790007	Brake Pad Plate	1	161	776302	Reverse Idler	1
38	TC-799021	Brake Pad (pkg. of 2)	2	174	780085	Needle Bearing	1

ORDER ALL TRANSAXLE PARTS FROM YOUR LOCAL PEERLESS-TECUMSEH DEALER

Wide-Cut Combination Mower



FUEL TANK ASSEMBLY

Ref.	Part	Description	Qty.
1	710-0599	Self-tapping Screw, 1/4-20 x 1/2.....	4
2	710-0759	Hex Flange Screw, 5/16-18 x 5/8.....	2
3	712-3004A	Flange Locknut, 5/16-18.....	2
4	726-0205	Hose Clamp.....	2
5	751B095337	Screw, K80 x 3.59.....	2
6	751B493337	Fuel Tank, 1 gal.(Incl. Fuel Cap)	1
7	751-0535	Fuel Line, 12"	1
8	781-0497	Mounting Bracket, Fuel Tank.....	1
9	781-0498	Support Bracket, Fuel Tank	1
10	787-01123	Bracket, Fuel Tank	1