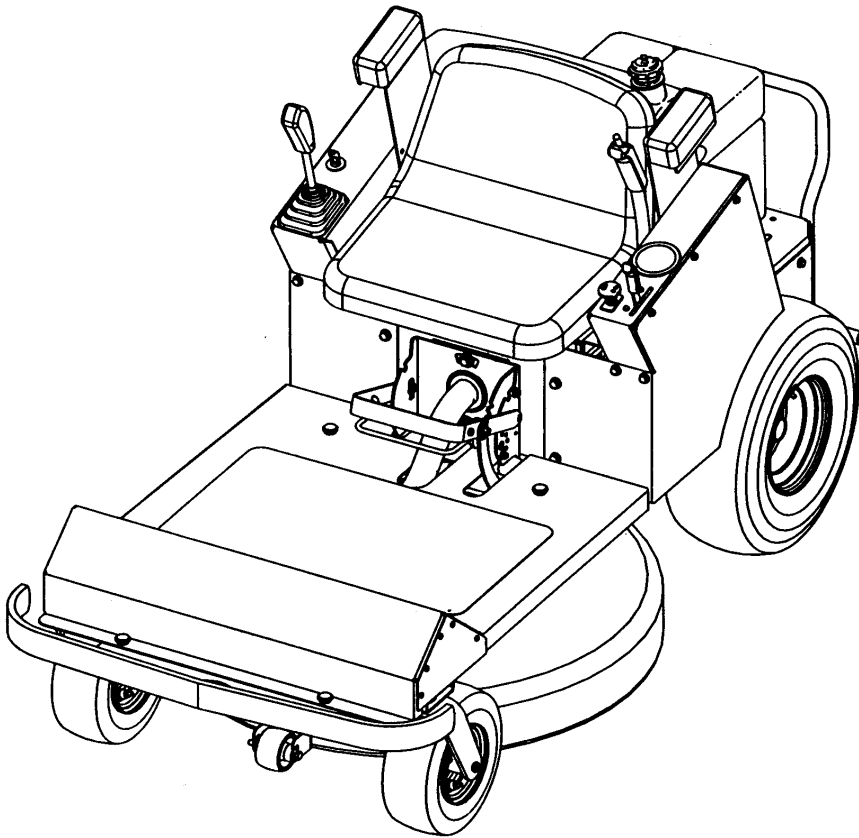


Parts Manual for

# SNAPPER®

## YARD CRUISER™ HYDRO DRIVE SERIES 1 & 2



MODELS
YZ13331BE
YZ13381BE
YZ145332BVE
YZ145382BVE

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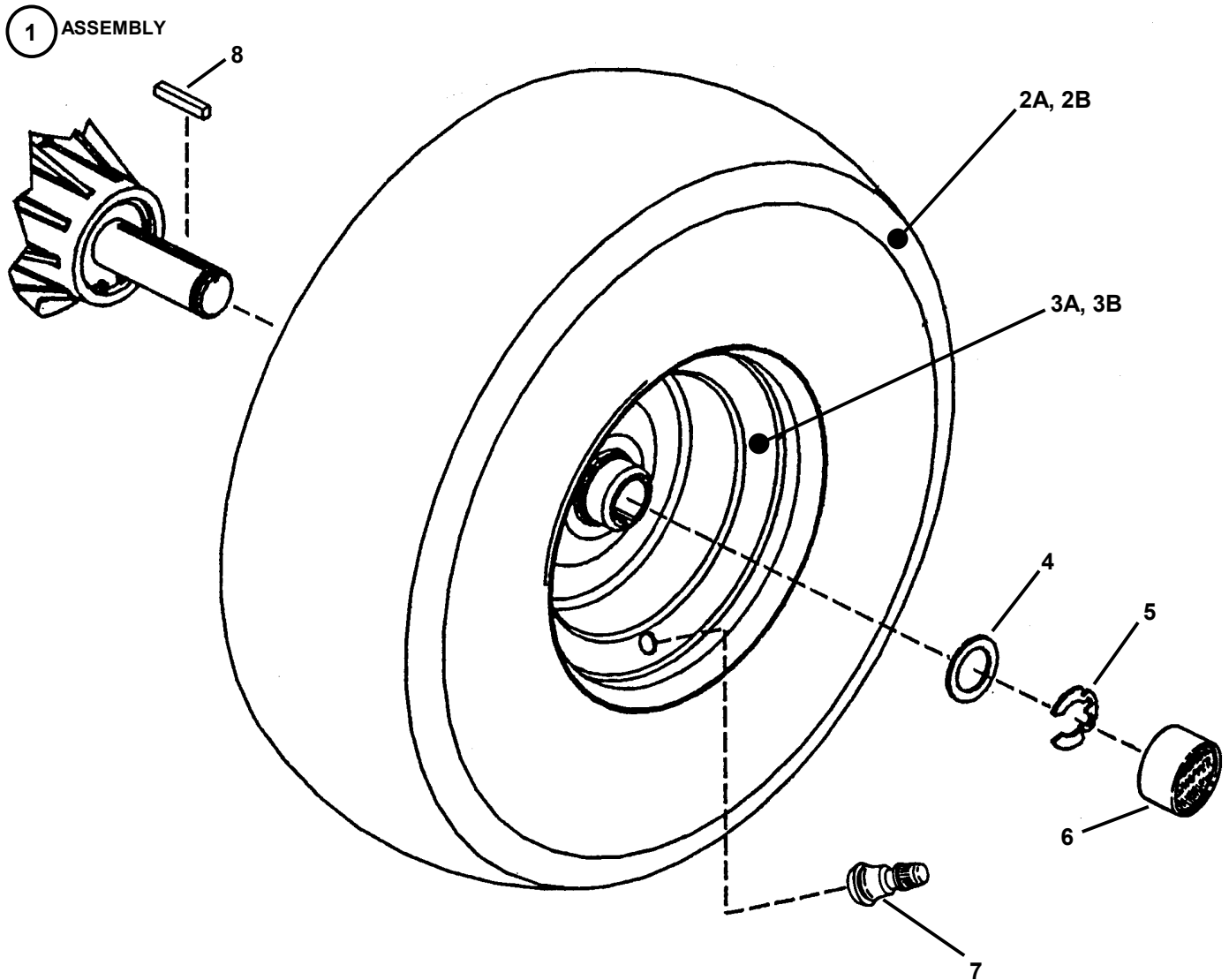
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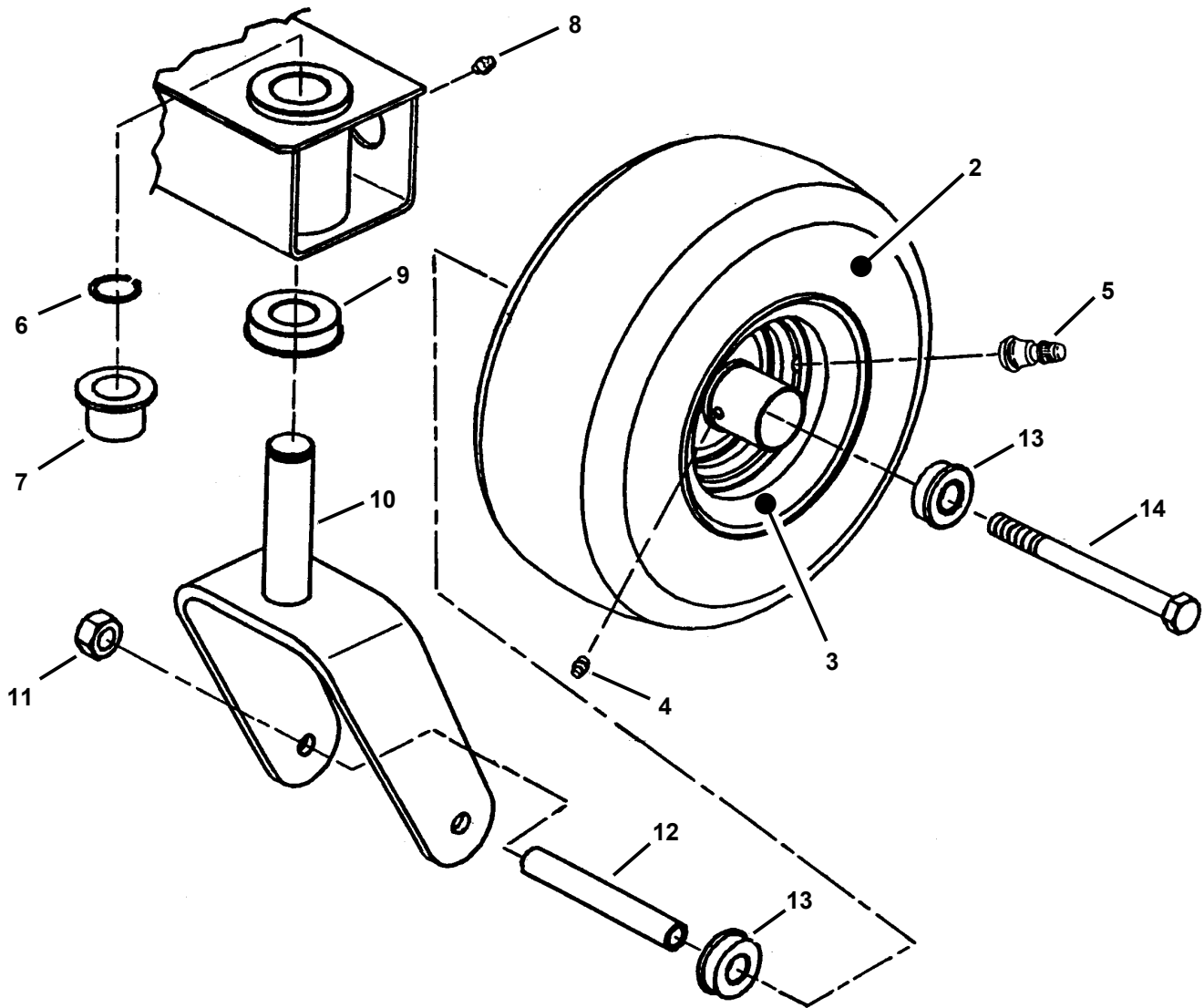
MANUAL No. 06118

# WHEELS - REAR



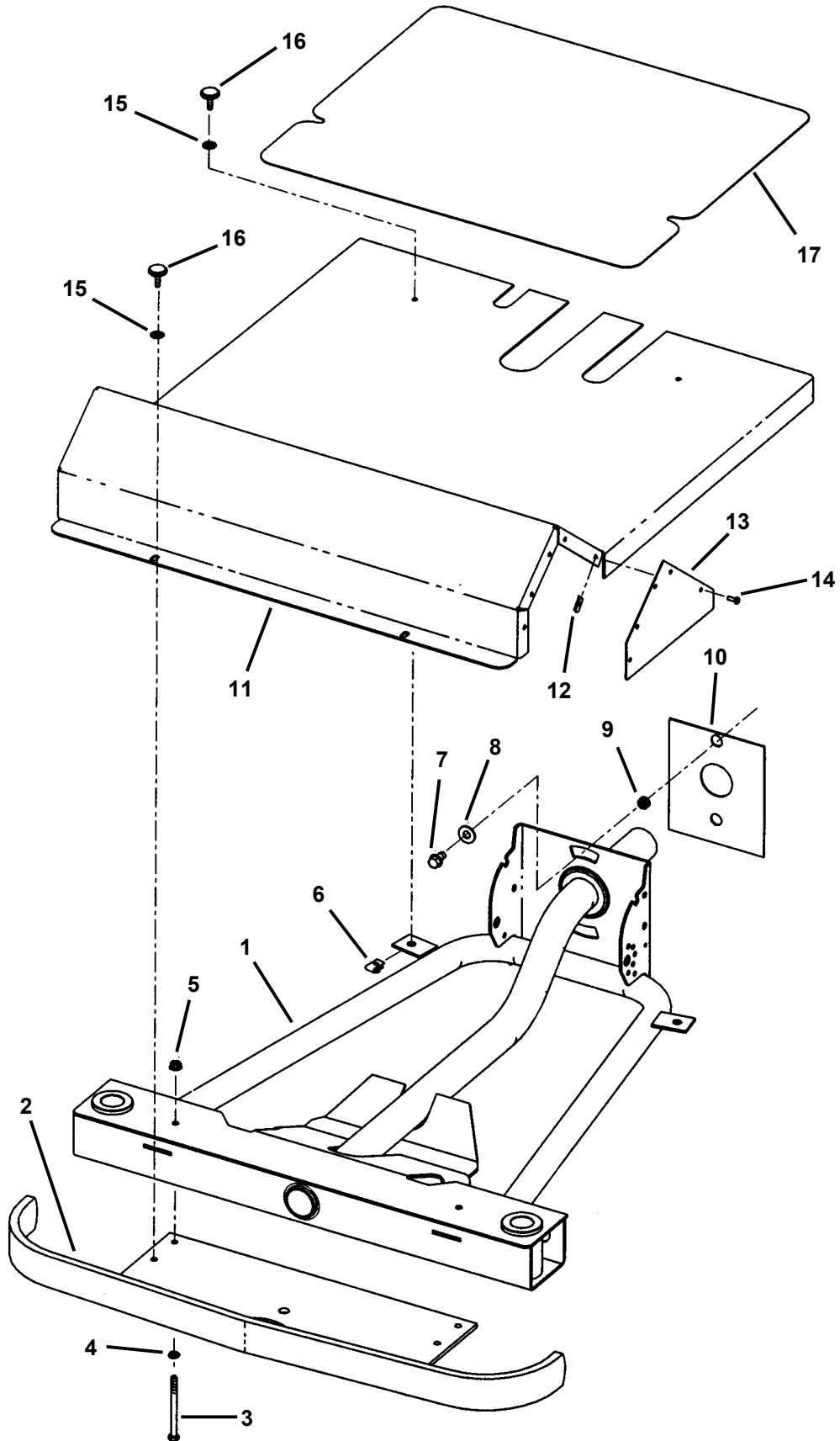
ITEM	PART NO.	DESCRIPTION
1	5-7681	ASSEMBLY, Rear Tire & Rim (2) (Includes Items 2A, 3A, & 7) (33" Models)
--	5-7682	ASSEMBLY, Rear Tire & Rim (2) (Includes Items 2B, 3B, & 7) (38" Models)
2A	4-6321	TIRE, 18 x 7.00-8, Multi-Trac (33" Models)
2B	4-6322	TIRE, 18 x 8.50-8, Multi-Trac (38" Models)
3A	3-5427	RIM, 18 x 6.50 (33" Models)
3B	3-5562	RIM, 18 x 8.50 (38" Models)
4	1-6561	BUSHING, Machine (2)
5	9-1764	RING, Retaining, External 1" (2)
6	1-1022	CAP, Hub (2)
7	1-2234	STEM, Valve
8	4-2940	KEY, Square M6 x 38mm (2)

## CASTER, FRONT WHEEL & TIRE ASSEMBLY



ITEM	PART NO.	DESCRIPTION
1	5-3980	ASSEMBLY, Front Wheel & Tire (Complete) (2) (Includes Items 2, thru 5)
2	3-5618	TIRE, 11 x 4.00-5, Smooth Tread
3	2-9122	RIM, Caster Wheel
4	1-4247	FITTING, Lube
5	1-2234	VALVE, Air (Snap-in)
6	1-2709	RING, 1" External Retaining (2)
7	2-3556	BUSHING, Caster (2)
8	1-3864	FITTING, Lube, 3/8" (2)
9	2-9141	BEARING, Flanged 1 x 2 x 5/8" (2)
10	4-1783	CASTER, Pivot Yoke (2)
11	9-0839	NUT, 7/16-14 Hex Center Lock (2)
12	3-5359	TUBE, 5/8 O.D. x 14 Ga. x 4.51 (2)
13	3-5358	BEARING, Ball 5/8 x 1-3/8" (4)
14	9-1772	SCREW, 7/16-14 x 6" Hex Head Cap, Grade 5 (2)

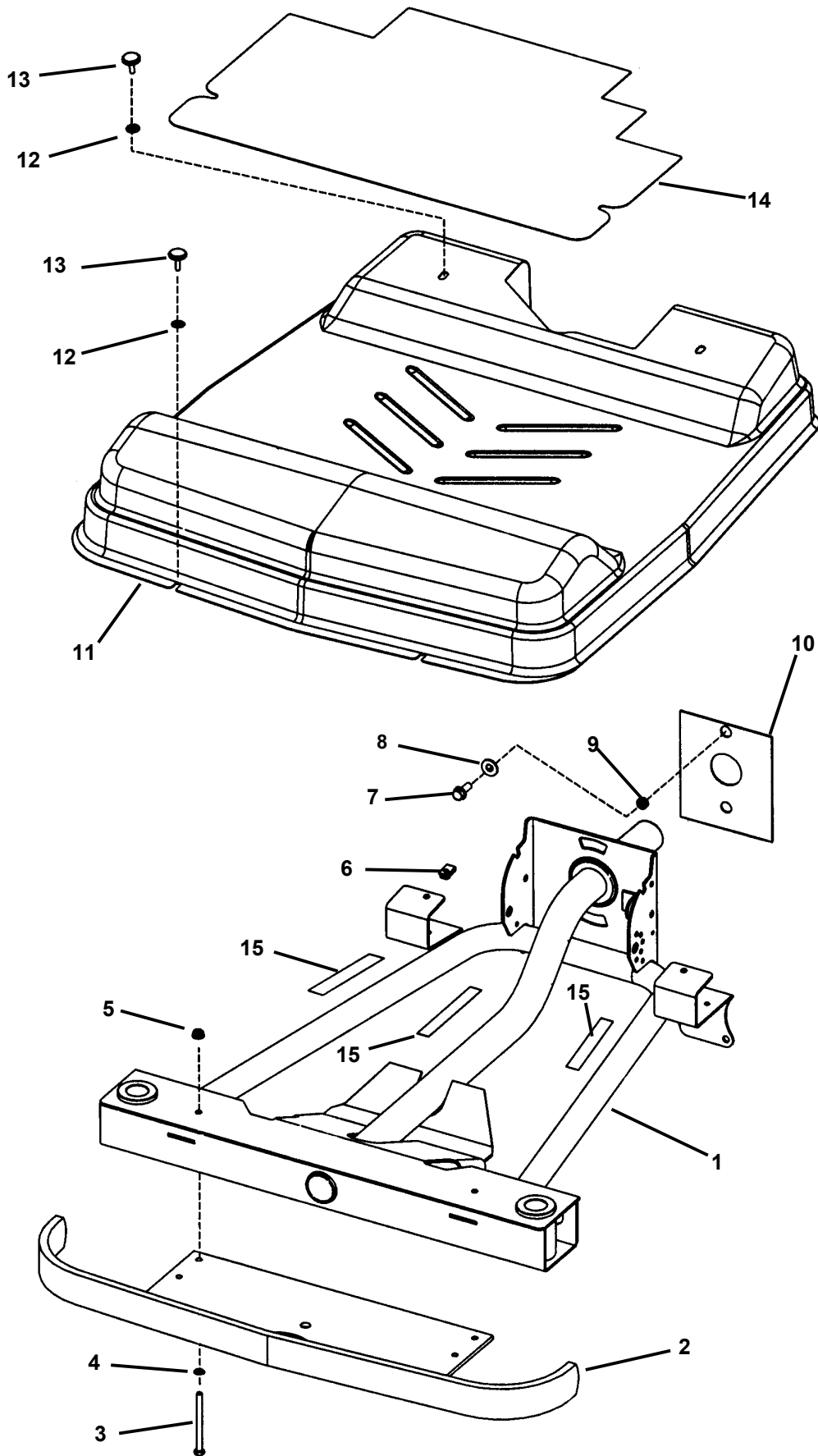
# FRONT FRAME & COVER ASSEMBLY SERIES 1



# FRONT FRAME & COVER ASSEMBLY SERIES 1

ITEM	PART NO.	DESCRIPTION
1	4-2471	FRAME, Front (Series 1)
2	4-2921	BUMPER, Front
3	9-1058	BOLT, 5/16-18 x 3-3/4" (2)
4	9-1315	WASHER, 5/16" Split Lock (2)
5	9-1070	NUT, 5/16-18 Hex Flange Lock, Grade 5 (2)
6	2-8260	FASTENER, "U" Type 1/4-20 (2)
7	9-0324	SCREW, 3/8-16 x 1" Hex Washer Face, Self-Tap (2)
8	9-0517	WASHER, 3/8 Flat (2)
9	3-5375	SPACER, Front Frame Pivot (2)
10	3-5374	PLATE, Front Frame Pivot
11	4-1984	PAN, Floor (Series 1)
12	9-1056	CLIP NUT, #10-24 (10)
13	4-6176	PLATE, Floor End (2)
14	9-1942	SCREW, #10-24 x 1/2" Pan Head Machine (10)
15	9-1890	WASHER, 1/4" Internal/External Lock (4)
16	2-3341	KNOB (4)
17	4-6354	FLOOR MAT (Series 1)

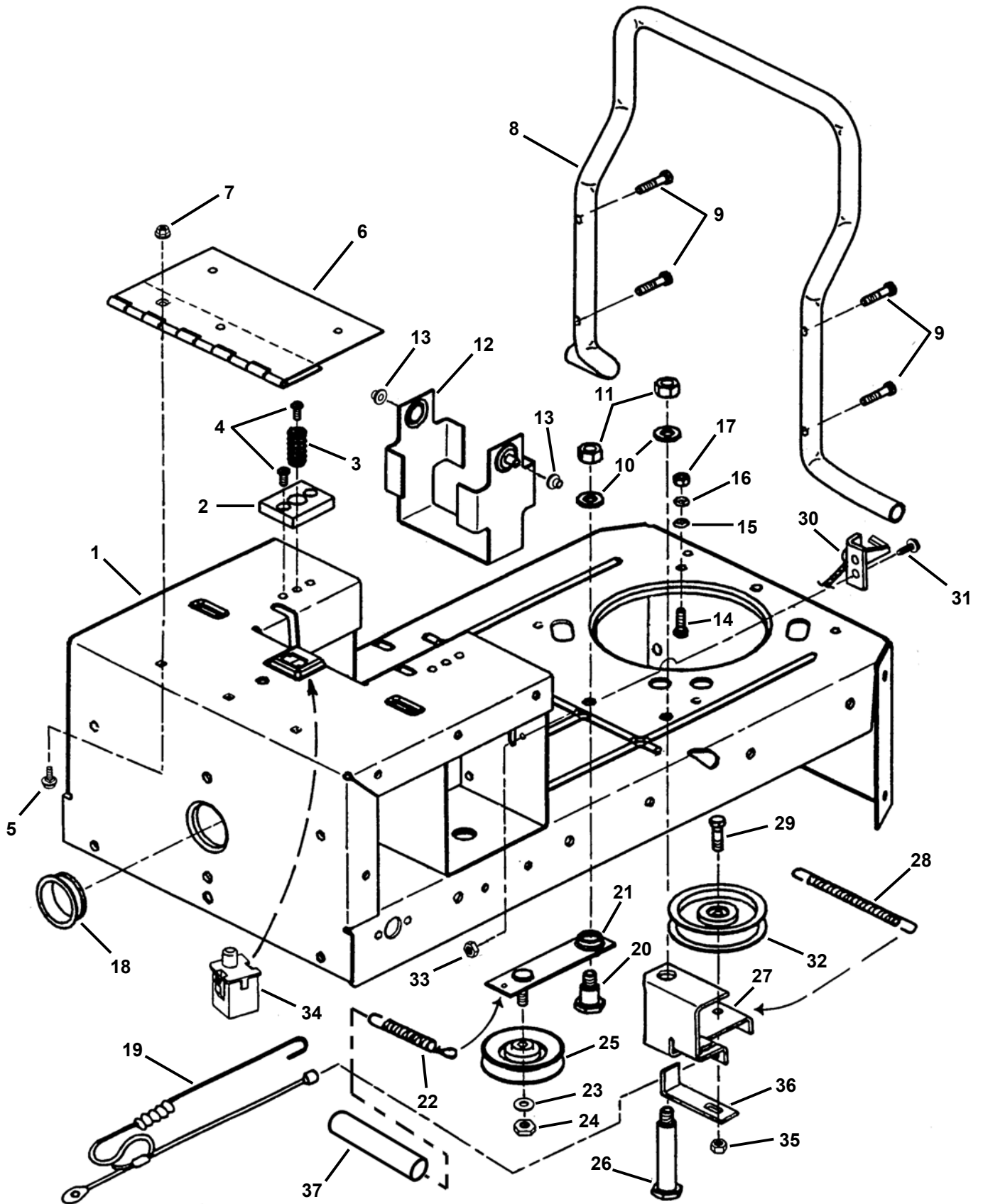
# FRONT FRAME & COVER ASSEMBLY SERIES 2



## FRONT FRAME & COVER ASSEMBLY SERIES 2

ITEM	PART NO.	DESCRIPTION
1	4-7031	FRAME, Front (Series 2)
2	4-2921	BUMPER, Front
3	9-1058	BOLT, 5/16-18 x 3-3/4" (2)
4	9-1315	WASHER, 5/16" Split Lock (2)
5	9-1070	NUT, 5/16-18 Hex Flange Lock, Grade 5 (2)
6	2-8260	FASTENER, "U" Type 1/4"-20 (2)
7	9-0324	SCREW, 3/8-16 x 1" Hex Self-Tapping (2)
8	9-0517	WASHER, 3/8" Flat (2)
9	3-5375	SPACER, Front Frame Pivot (2)
10	3-5374	PLATE, Front Frame Pivot
11	4-6895	FLOOR, Front Frame (Series 2)
12	9-1890	WASHER, 1/4" Internal/External Lock (4)
13	2-3341	KNOB (4)
14	7-2141	FLOOR MAT (Series 2)
15	4-1818	PAD, Floor Pan (3)

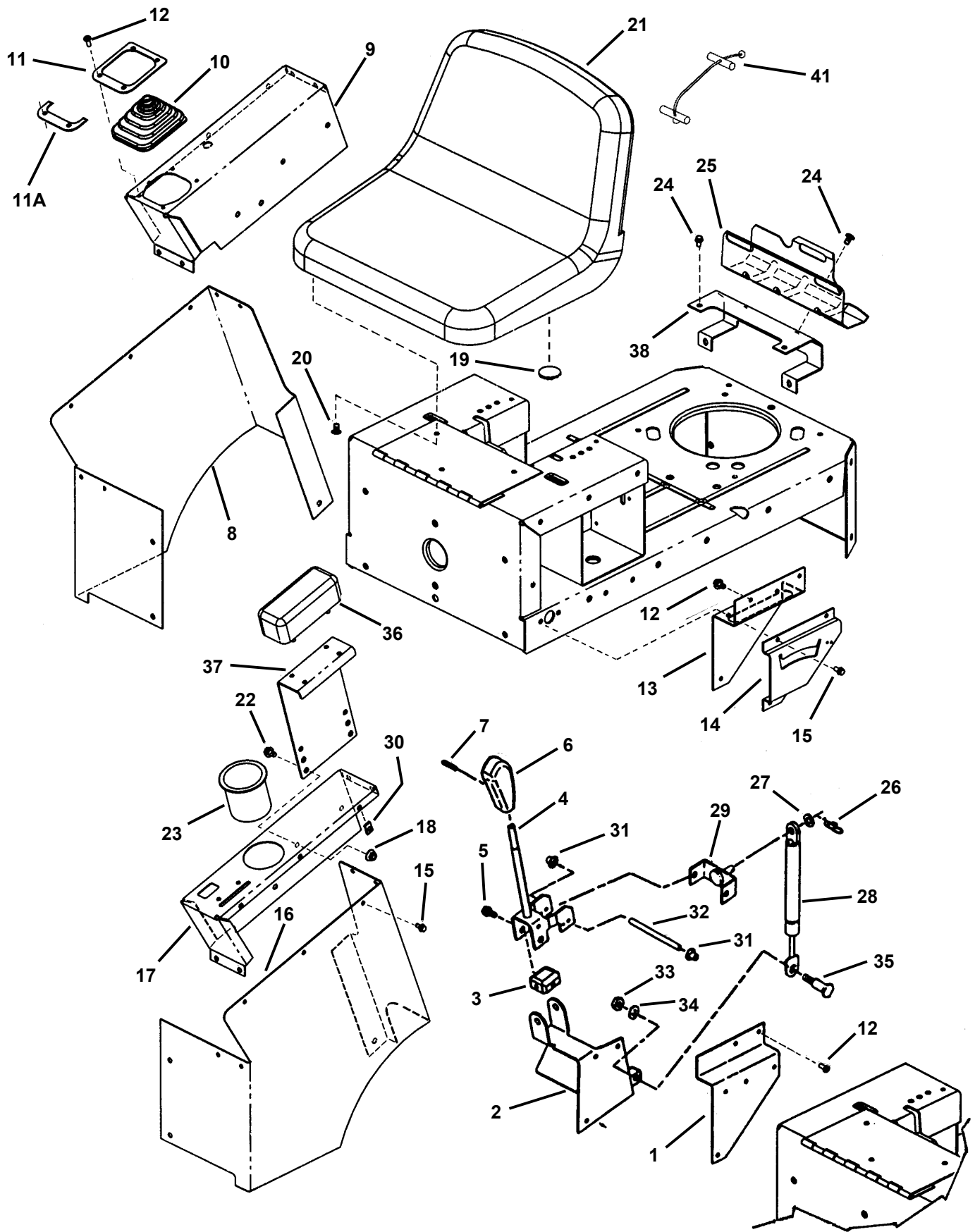
# REAR FRAME ASSEMBLY



## REAR FRAME ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	4-1782	FRAME, Rear
2	3-5368	CUSHION, Seat Support (2)
3	3-5369	SPRING, Seat Support (2)
4	9-0999	SCREW, 1/4-20 x 5/8" Pan Head, Self-Tapping (6)
5	9-0004	BOLT, 5/16-18 x 1/2" Carriage, Grade 5 (3)
6	3-4959	HINGE, Seat
7	9-1070	NUT, 5/16-18 Hex Flange Lock, Grade 5 (3)
8	3-3587	BUMPER, Rear
9	9-1506	SCREW, 5/16-18 x 1-1/2" Self-Tapping (4)
10	9-1587	WASHER, 1/2" Flat (2)
11	9-1316	NUT, 1/2-13 Hex, Grade B (2)
12	4-1793	BRACKET, Battery
13	1-3321	BUSHING (2)
14	9-0238	SCREW, 5/16-24 x 1" Hex Head Cap (4)
15	1-1791	RETAINER, 5/16 Bolt (4)
16	9-1315	WASHER, 5/16 Split Lock (4)
17	9-1297	NUT, 5/16-24 Hex, Grade 5 (4)
18	1-1033	GROMMET (2)
19	2-9464	CABLE, Brake/Clutch
20	9-1730	BOLT, 1/2-13 x 5/8" Thread, .75 x .788 Shoulder
21	5-8728	WELDMENT, Primary Idler Arm
22	5-8692	SPRING, Extension
23	9-1514	WASHER, 3/8" Flat
24	9-1585	NUT, 3/8-16 Hex Center Lock, Grade 5
25	2-4344	PULLEY, Idler 3.50
26	9-1725	BOLT, 1/2-13 x 5/8" Thread, .75 x 3.23 Shoulder
27	3-4937	BRACKET, Hydraulic Idler
28	4-5168	SPRING, 3/4" Extension
29	9-1553	SCREW, 3/8-16 x 1-3/4" Hex Head Cap, Grade 5
30	3-9485	CABLE, Hydro Release Valve
31	9-1240	SCREW, #10-32 x 5/8" Hex Washer Head, Machine (2)
32	1-8574	IDLER, 4.12 Flat
33	9-0376	NUT, #10-32 Hex Nyloc (2)
34	2-2886	SWITCH, Seat
35	9-1585	NUT, 3/8-16 Hex Center Lock, Grade B or 5
36	3-4938	GUIDE, Belt
37	5-8691	COVER, Spring

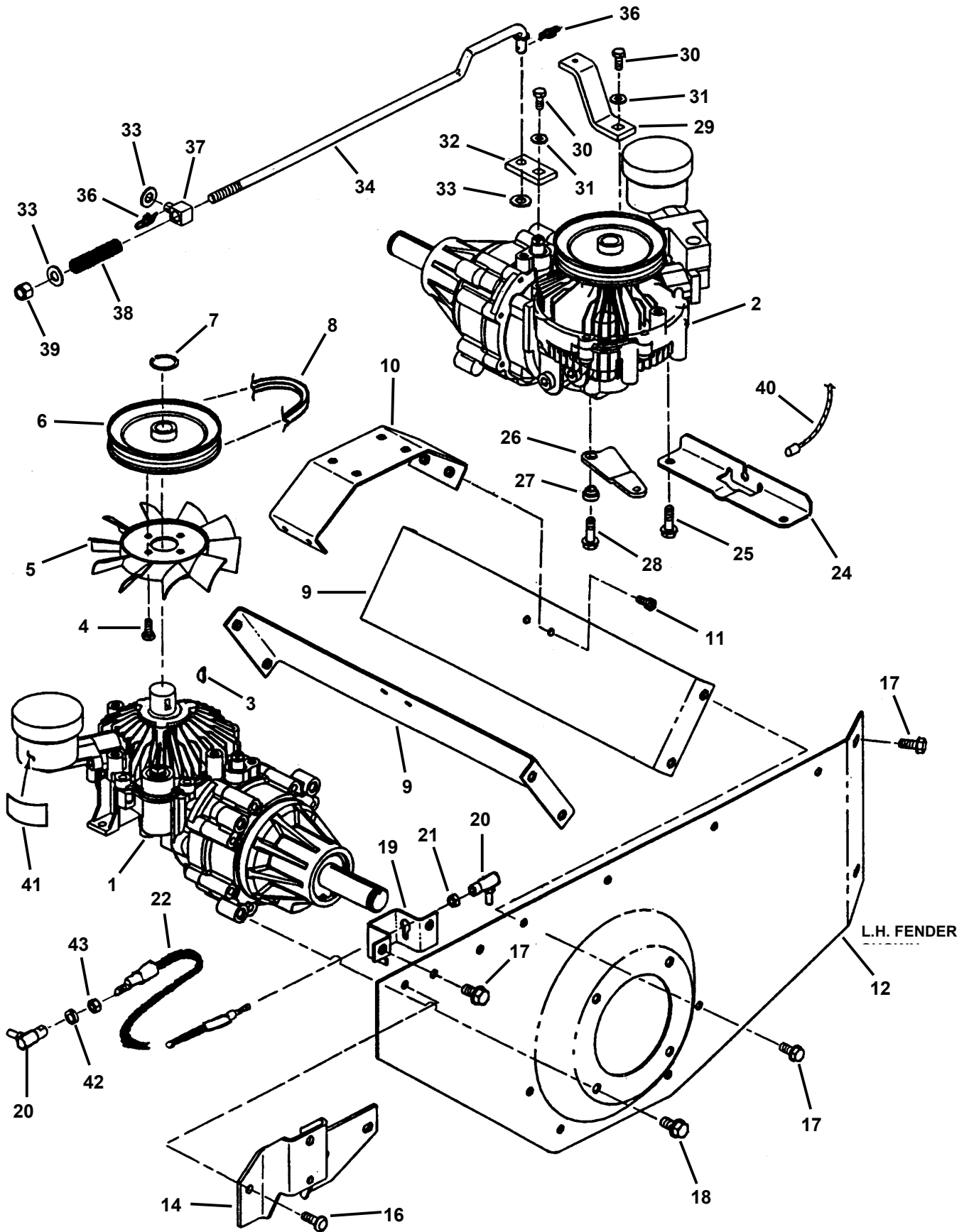
# JOYSTICK & OPERATOR'S SEAT



## JOYSTICK & OPERATOR'S SEAT

ITEM	PART NO.	DESCRIPTION
1	3-5483	BRACKET, Right Hand Tank Support
2	4-2637	BRACKET, Joystick
3	3-5533	PIVOT, Joystick Control
4	4-2636	HANDLE, Joystick Control
5	9-1800	BOLT, 5/16-18 x 3/4" Shoulder (4)
6	2-3656	LEVER, Shift Handle
7	9-0844	PIN, 3/16 x 3/4" Roll
8	4-1831	FENDER, Right Hand
9	4-1840	CONSOLE, Right Hand
10	3-5936	BOOT, Joystick, Rubber
11	4-6246	BRACKET, Joystick Stop (Series 1)
11A	4-6494	BRACKET, Joystick Stop (Series 2)
12	9-0999	SCREW, 1/4 x 5/8" Pan Head Self-Tapping (8)
13	3-5481	BRACKET, Left Hand Tank Support
14	3-5482	BRACKET, Brake/Clutch Detent
15	9-1964	BOLT, 1/4-20 x 1/2" Hex Flange Lock (16)
16	4-1884	FENDER, Left Hand
17	4-6230	CONSOLE, Left Hand
18	9-0951	NUT, 5/16-18 Hex Large Flange Center Lock
19	4-4676	BUMPER, Battery
20	9-1681	BOLT, 5/16-18 x 1" Hex Flange Lock (3)
21	4-4897	SEAT (All Models)
22	9-1525	BOLT, 5/16-18 x 1/2" Hex Flange Lock, Grade 5 (4)
23	4-2968	CUP HOLDER
24	9-1542	SCREW, 5/16-18 x 1/2" Pan Head Self-Tap (Torx) (6)
25	3-3377	BRACKET, Fuel Tank
26	9-1593	COTTER-PIN, 3/8 Self Locking
27	9-1296	WASHER, 11/32 x 11/16" Flat
28	4-4717	CYLINDER, Joystick Control
29	4-4763	BRACKET, Joystick Control
30	9-1954	U-CLIP, 1/4" (14)
31	9-1020	PUSH-NUT, 1/4" (2)
32	4-4702	PIN, Joystick
33	9-1511	NUT, 5/16-18 Hex, Grade 5
34	9-1315	WASHER, 21/64 Split Lock
35	1-4664	BOLT, 5/16-18 x 1-1/32" Shoulder
36	4-4855	ARM REST (2)
37	4-6231	BRACKET, Arm Rest (2)
38	4-6236	BRACKET, Fuel Tank Mount
41	4-6561	TETHER, Seat

# FENDER & TRANSAXLE ASSEMBLY

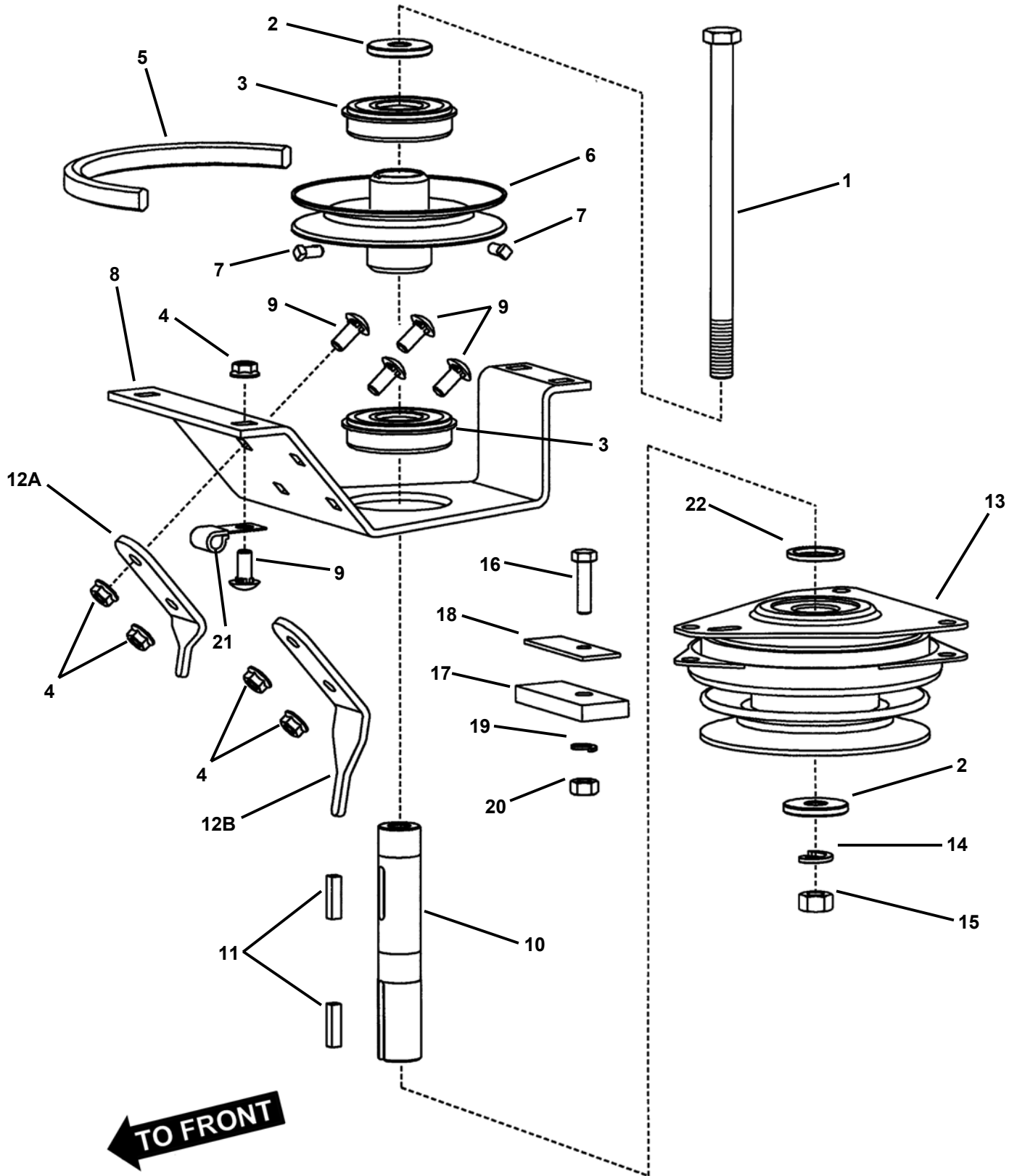


## FENDER & TRANSAXLE ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	2-9128	TRANSAXLE, Hydro L.H. (Eaton Model X778-005)
2	2-9129	TRANSAXLE, Hydro w/o Manifold R.H. (Eaton Model X778-011)
3	1-5894	KEY, #605 Woodruff (2)
4	9-0539	SCREW, 1/4-20 x 1/2" Self-Tapping (8)
5	3-5337	FAN, 6" O.D., 10 Blade (2)
6	3-5336	PULLEY, Hydro Input (2)
7	9-1771	RING, Retaining (2)
8	4-1823	V-BELT, Hydro Drive
9	3-4915	BRACKET, Fender Support (2)
10	3-4916	BRACKET, Hydro Support
11	9-0362	SCREW, 1/4-20 Hex Washer Head, Self-Tapping (4)
12	3-4909	FENDER, L.H.
13	3-4908	FENDER, R.H. (Not Shown)
14	3-4917	BRACKET, Deck Support L.H.
15	3-5424	BRACKET, Deck Support R.H. (Not Shown)
16	9-1000	SCREW, 5/16-18 x 7/8" Pan Head, Self-Tapping (4)
17	9-0368	SCREW, 5/16-18 x 3/4" Hex Washer Head, Self-Tapping (26)
18	9-0324	SCREW, 3/8-16 x 1" Hex Washer Head, Self-Tapping (8)
19	3-4922	BRACKET, Hydro Control Cable (2)
20	2-9147	ROD END, #10-32 w/Stud (4)
21	9-1801	NUT, #10-32 Hex Center Lock (4)
22	2-9170	CABLE, L.H. Hydraulic Control
23	2-9169	CABLE, R.H. Hydraulic Control (Not Shown)
24	3-9484	BRACKET, Hydro Release Cable
25	9-0361	SCREW, 5/16-18 x 5/8" Hex Washer Head, Self-Tapping (2)
26	3-9483	BRACKET, Hydro Release Actuator (2)
27	1-2114	BUSHING, (2)
28	9-1841	SCREW, 5/16-18 x 1" Hex Washer Head, Self-Tapping (2)
29	3-4913	ARM, Brake (2)
30	9-1165	BOLT, 1/4-28 x 5/8" Hex Head, Grade 8 (4)
31	9-0746	WASHER, 1/4 Belleville (4)
32	3-4914	ARM, Brake (2)
33	9-1514	WASHER, 3/8 Flat (6)
34	2-9284	ROD, R.H. Brake
35	2-9142	ROD, L.H. Brake (Not Shown)
36	9-1593	COTTER-PIN, 3/8 Self-Locking (4) (Series 2)
--	2-4874	COTTER-PIN, 1/2 Self-Locking (4) (Series 2)
37	2-4586	LINK, Swivel Brake (2)
38	2-8091	SPRING, Brake Compression (2)
39	9-1299	NUT, 3/8-16 Nyloc (2)
40	3-9485	CABLE, Hydro Release Valve
41	4-4767	DECAL, Hydro Reservoir (2)
42	9-0011	WASHER, #10 Internal Tooth Lock (2)
43	9-0013	NUT, #10-32 Hex (2)

**NOTE: MOBIL 1 DTE 26 OIL FOR HYDRO TRANSAXLE**

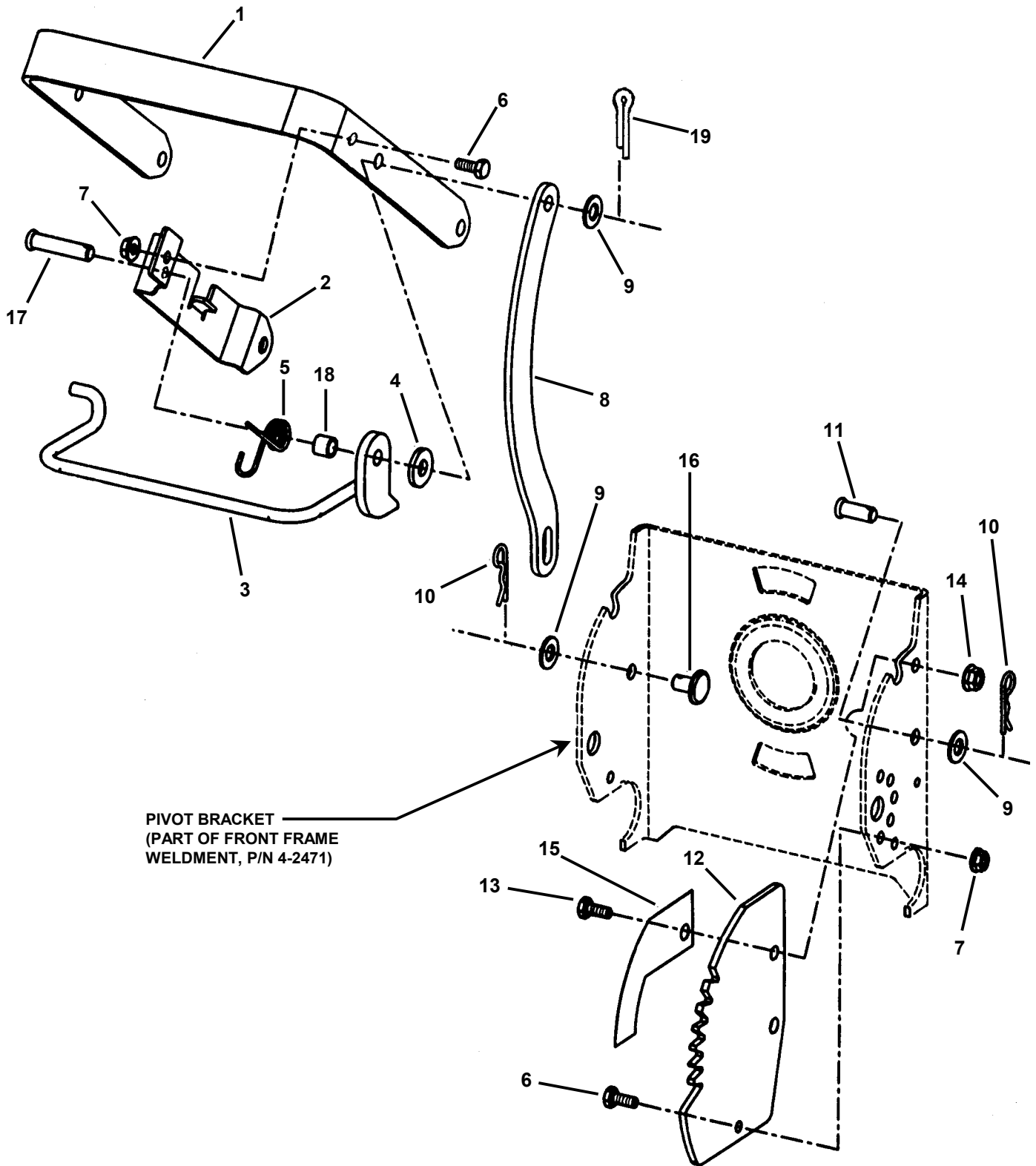
# CLUTCH ASSEMBLY



## CLUTCH ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	9-1735	SCREW, 7/16-20 x 8" Hex Head Cap, Grade 5
2	2-9138	WASHER, 7/16 x 1" O.D. Flat (2)
3	2-9136	BEARING, 6305 w/Snap-Ring (2)
4	9-1070	NUT, 5/16-18, Grade 5 (6)
5	2-9117	V-BELT, Drive 5L Cogged (50.170" nom. effective length)
6	2-9107	PULLEY, Jackshaft
7	9-1829	SCREW, 1/4-20 x 1/2" Set w/Patch (2)
8	6-3269	SUPPORT, Jackshaft
9	9-1508	BOLT, 5/16-18 x 3/4 Carriage, Grade 5 (6)
10	2-9135	JACKSHAFT
11	1-3250	KEY, 1/4 x 1" Square (2) (Qty. 1 on 38" units)
12A	7-4573	BRACKET, Anti-Rotate (33" units & 2001 38" units)
12B	7-4572	BRACKET, Anti-Rotate (YZ13381BE & YZ145382BVE 1999 units)
13	2-9232	CLUTCH, Electric (Ogura) (33" units)
--	5-3740	CLUTCH, Electric (Warner) (1999 & 2000 38" units)
--	7-4022	CLUTCH, Electric (Warner) (2001 38" units)
14	9-1301	WASHER, 7/16" Split Lock
15	9-0460	NUT, 7/16-20, Grade B
16	9-1527	SCREW, 5/16-18 x 1-1/4", Hex Head Cap, Grade 5
17	2-9704	BUMPER, Electric Clutch
18	3-4448	WASHER, Rectangular Steel
19	9-1315	WASHER, 5/16" Split Lock
20	9-1511	NUT, 5/16-18, Grade 5
21	1-2652	CLIP, Wire, 7/16
22	2-9137	WASHER (33" units & 2001 38" units)
--	3-5841	WASHER (Warner Clutch) (1999 & 2000 38" units)

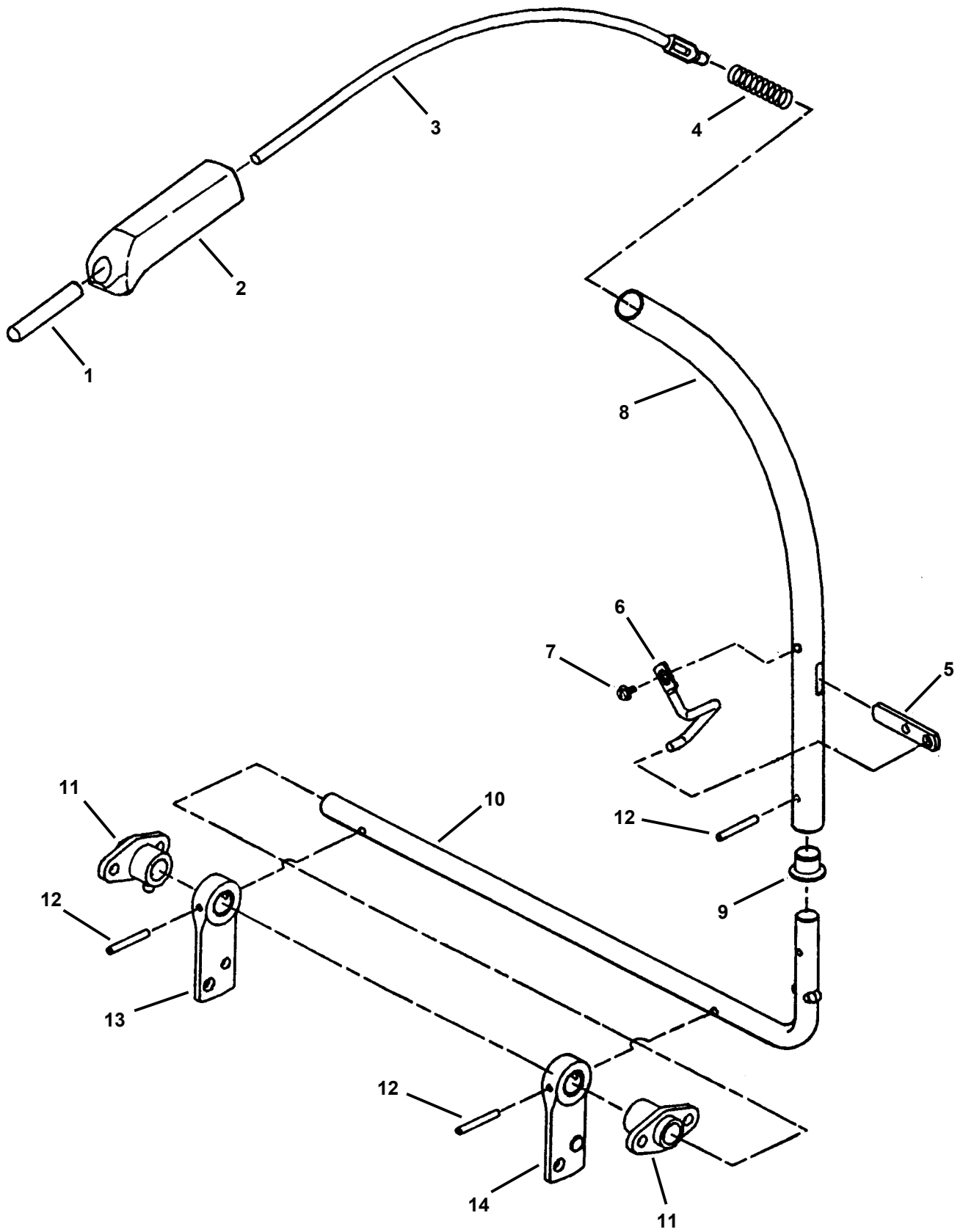
# DECK LIFT HANDLE ASSEMBLY



## DECK LIFT HANDLE ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	4-1924	HANDLE, Deck Lift
2	4-1925	BRACKET, Pivot Support
3	4-6220	LEVER, Deck Lift/Handle Release (Series 1)
--	5-8090	LEVER, Deck Lift/Handle Release (Series 2)
4	2-9040	WASHER, Slipper
5	4-6489	SPRING, Torsion (Deck Position)
6	9-0072	SCREW, 1/4-20 x 5/8" Hex head Cap, Gr. 5 (2)
7	9-0583	NUT, 1/4-20 Hex Flange Lock (3)
8	3-5489	BAR, Deck Lift
9	9-1514	WASHER, 3/8" Flat (3)
10	9-1503	HAIRPIN, 3/32 x 1-1/2" (2)
11	4-6392	PIN, 3/8 x 7/8" Large Head Clevis
12	4-1926	PLATE, Detent (Series 1)
--	5-8077	PLATE, Detent (Series 2)
13	9-1318	SCREW, 5/16-18 x 3/4" Hex Cap, Gr.5
14	9-1070	NUT, 5/16-18 Hex Flange Lock, Gr.5
15	4-6457	DECAL, Deck Position
16	9-1887	PIN, 3/8 x 1/2" Expanded Head Clevis
17	4-6491	PIN, 3/8 x 1-5/8" Clevis
18	4-6490	SPACER
19	9-1597	PIN, 3/32" x 3/4" Cotter

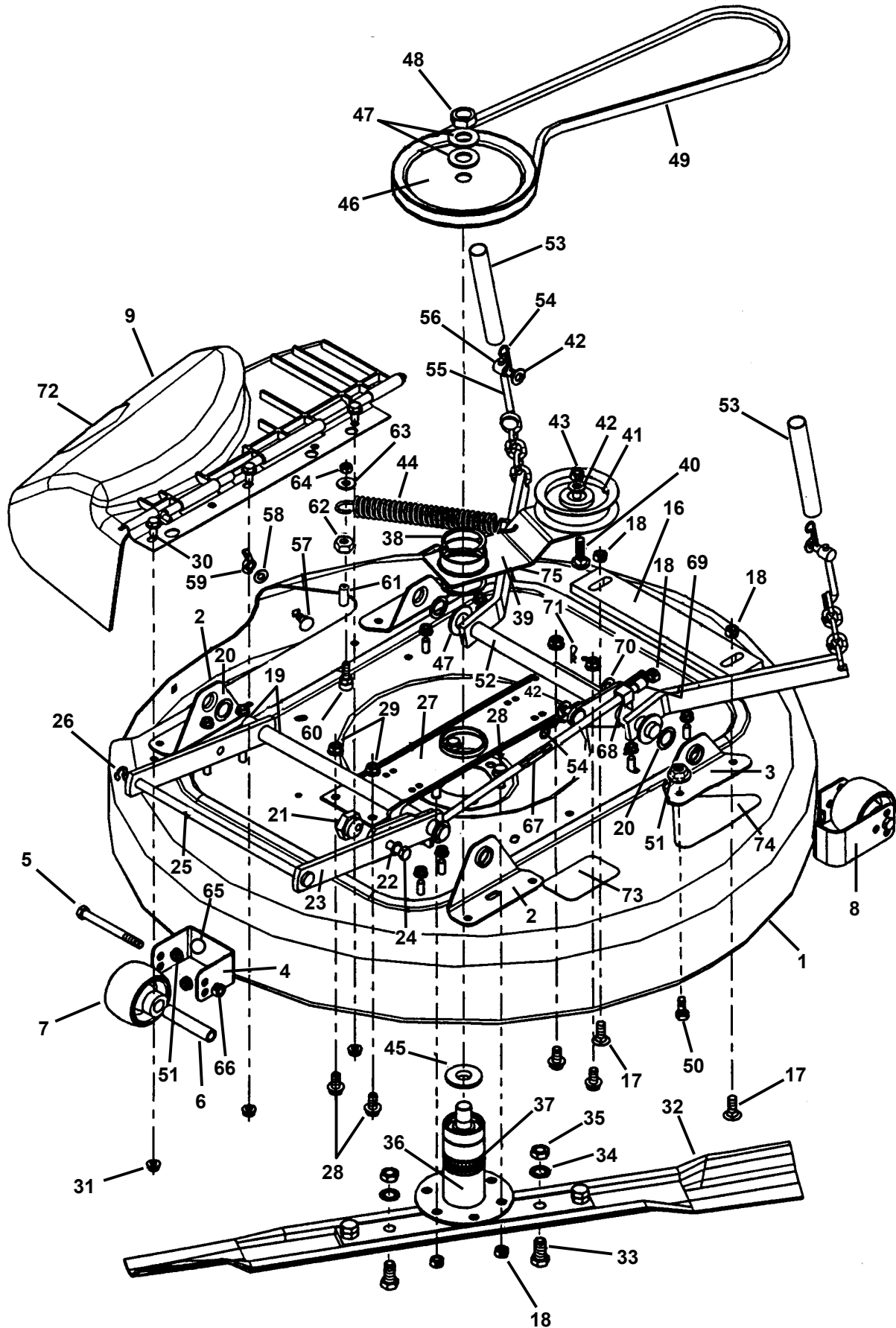
# BRAKE/CLUTCH LEVER ASSEMBLY



## BRAKE/CLUTCH LEVER ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	2-9383	GRIP, 5/16 x 2-1/2" Vinyl
2	3-5945	GRIP, Brake/Clutch Handle
3	3-5479	ROD, Park Brake
4	3-5946	SPRING, Brake/Clutch Release
5	3-5485	ARM, Brake/Clutch Lever
6	3-5484	PIVOT, Brake/Clutch Lever
7	9-1293	SCREW, 1/4-20 x 3/8" Hex Self-Tapping
8	3-5480	TUBE, Brake/Clutch Lever (Series 1)
--	5-8541	TUBE, Brake/Clutch Lever (Series 2)
9	1-0694	BUSHING, Nylon
10	2-9207	ROD, Brake/Clutch
11	5-2431	PIVOT, Foot Shaft Assembly (2)
12	9-0841	ROLL-PIN, 3/16 x 1-1/2" (3)
13	2-9208	ARM, Brake/Clutch
14	4-2614	ARM, Brake/Clutch

# 33" MOWER DECK ASSEMBLY



## 33" MOWER DECK ASSEMBLY

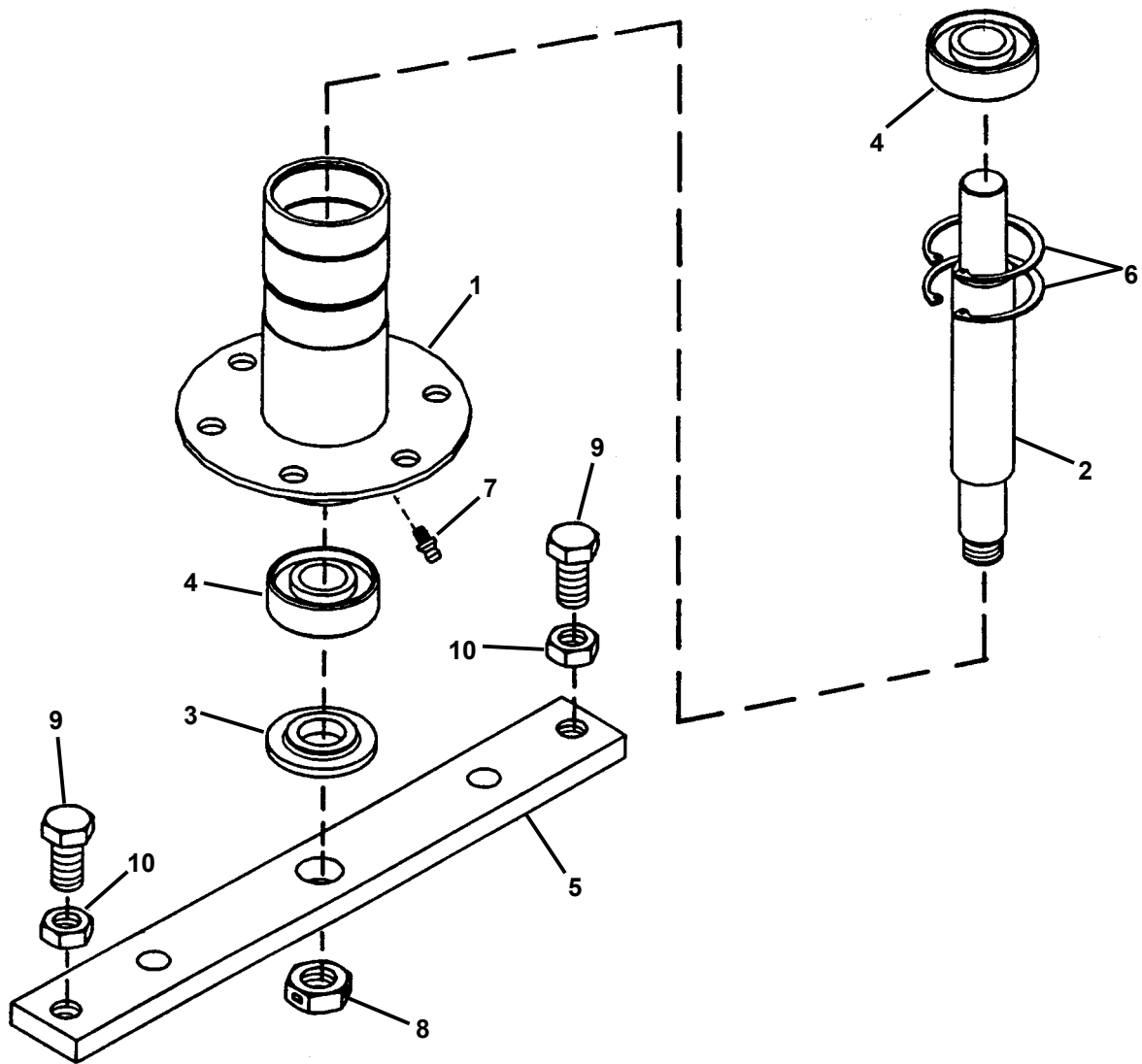
ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1	3-6580	DECK, 33"	41	2-7717	IDLER, 4" O. D. Flat
2	3-4866	BRACKET, Deck Lift Slotted (2)	42	9-1514	WASHER, 11/32" Flat (4)
3	3-4867	BRACKET, Deck Lift (2)	43	9-1585	NUT, 3/8-16 Hex Lock
4	3-3570	BRACKET, Anti-Scalp Adj. Front	44	3-5969	SPRING, External
5	9-1532	SCREW, 3/8-24 x 3/4" H.H. Cap (3)	45	1-4407	WASHER, Spindle
6	1-5272	SPACER, 3" Long (3)	46	2-6558	PULLEY, Spindle
7	1-9190	WHEEL, Gage (3)	47	3-2028	WASHER, 25/32" Flat (4)
8	3-3571	BRACKET, Anti-Scalp Adj. Side (2)	48	1-0027	NUT, 3/4-16 Hex Jam
9	5-2555	ASSM'Y. Chute 28 & 33" Discharge	49	3-5389	BELT, HA 33" Deck
10	1-6341	HINGE, Spring	50	9-0595	BOLT, 5/16-18 x 3/4" Hex Flange Lock (8)
11	2-6233	CHUTE, Discharge	51	9-0585	NUT, 5/16-18 Hex Flange Lock (14)
12	2-6234	ROD, Chute	52	4-2585	ARM, Rear Lift
13	2-6483	WASHER, Palnut	53	2-8021	COVER, Chain (2)
14	2-6831	DECAL, CPSC	54	9-1503	PIN, 3/32 x 1-1/2" Hair (3)
15	3-3780	HINGE, Side Chute Plastic	55	2-8728	ADJUSTER, Chain (2)
16	3-6579	BAR, Weight Rear	56	2-8200	SWIVEL, Adjustable (2)
17	9-0747	BOLT, 3/8-16 x 1" Carriage (2)	57	9-1508	BOLT, 5/16-18 x 3/4" Carriage Grade 5
18	9-0546	NUT, 3/8-16 Hex Lock (6)	58	9-1296	WASHER, 11/32" Grade 5
19	4-2586	ARM, Front Lift	59	9-0492	NUT, 5/16-18 Wing
20	1-0935	WASHER, 3/4" (4)	60	9-0700	BOLT, 5/16-18 x 1-1/2" Hex Flange Lock
21	1-5447	ECCENTRIC, Leveling	61	2-8620	SPACER, 11/32"
22	9-0390	WASHER, 3/8" Internal Tooth Lock	62	9-1067	NUT, 5/16-18 Hex Lock
23	3-4815	ARM, Front Lift	63	9-1528	WASHER, 3/8" Flat
24	9-0163	SCREW, 3/8-24 x 1-1/4" H. H. Cap	64	9-1585	NUT, 5/16-18 Hex Lock
25	2-2717	ROD, Deck Support	65	9-0004	BOLT, 5/16-18 x 1/2" Carriage (6)
26	1-7847	RING, 7/16" Snap	66	9-1600	NUT, 3/8-24 Hex Lock (3)
27	3-8018	BRACE, Spindle	67	3-5495	ROD, Cutting Deck Timing
28	9-0612	BOLT, 3/8-16 x 3/4" Hex Flange Lock, Grade 5 (7)	68	2-4586	SWIVEL, Brake Link PM
29	9-0613	NUT, 3/8-16 Hex Flange Lock (4)	69	2-1815	SPACER, 25/64"
30	9-1811	BOLT, 5/16-18 x 5/8" Hex Flange Lock, Grade 5 (3)	70	9-0122	WASHER, 3/8"
31	9-1601	NUT, 5/16-18 Hex Flange Lock Grade 5 (3)	71	1-6231	PIN, Hair
32	3-4168	BLADE, 33" High Lift	72	1-4852	DECAL, Caution
33	9-0392	SCREW, 1/2-20 x 1" H. H. Cap (2)	73	1-6973	DECAL, Caution
34	9-0509	WASHER, 1/2" Internal Tooth Lock (2)	74	2-2991	DECAL, Hi-Vac
35	9-0559	NUT, 1/2-20 Hex Jam (2)	75	4-6720	DECAL, Chute/Deflector
36	5-2917	ASSEMBLY, Spindle			
37	1-2670	RING, 2" Tolerance			
38	1-0740	RING, 2" Retaining (2)			
39	4-2587	ARM, Idler			
40	9-0990	BOLT, 3/8-16 x 2" Carriage			



## 38" MOWER DECK ASSEMBLY

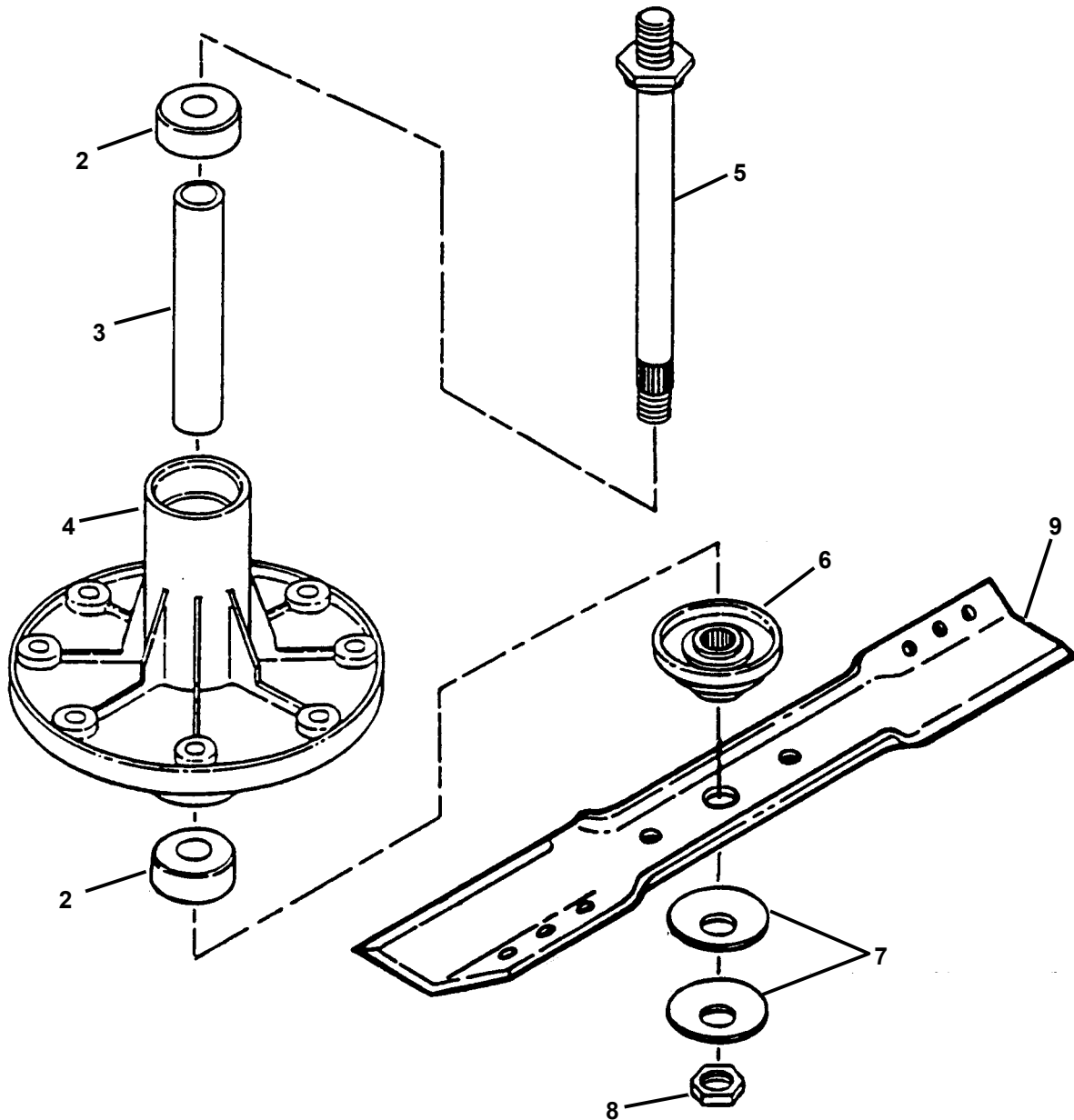
ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1	3-5646	DECK, 38"	41	9-0613	NUT, 3/8-16 Hex Flange Lock (3)
2	5-2847	ASSEMBLY, Spindle (2) (Series 1)	42	3-5813	SPRING, Torsion- Side Discharge
2A	5-8357	ASSEMBLY, Spindle (2) (Series 2)	43	3-6543	TEENUT, 5/16-18 Thread
3	2-6122	WHEEL 4 x 1-1/2" Offset (3)	44	9-1296	WASHER, 5/16" I.D. x 11/16" Flat
4	9-1526	BOLT, 3/8-24 Shoulder (3)	45	9-1006	NUT, 5/8-18 Lock (2)
5	2-6831	DECAL, CPSC- Heavy Adhesive	46	3-5494	BRACKET, Gage Wheel
6	1-5447	ECCENTRIC, Leveling	47	9-1305	SCREW, 3/8-16 x 2", Hex Head Cap, Grade 5
7	3-4815	LIFT ARM, Front	48	4-2585	TIMING ARM, Rear
8	9-0390	WASHER, 3/8" Internal Tooth Lock	49	4-2964	STUD, Idler
9	9-0163	SCREW, 3/8-24 x 1-1/4" Hex Head Cap. Grade 5	50	4-4648	BRACKET, Stationary Idler
10	4-2586	LIFT ARM, Front	51	2-4586	SWIVEL, Brake Link
11	2-2717	ROD, Deck Support	52	1-6231	HAIR PIN, #13
12	1-7847	RING, .438 External Retaining	53	9-1553	SCREW, 3/8-16 x 1-3/4" Hex Head Cap, Grade 5
13	1-0935	WASHER, 3/4" I.D. x 1-1/8" Flat (4)	54	9-1585	NUT, 3/8-16 Hex Ctr Lock, Gr. 5 (2)
14	2-9308	V-BELT, HA Section	55	9-0585	NUT, 5/16-18 Hex Flange Lock, Grade 5 (13)
15	2-8021	COVER, Chain (2)	56	9-1026	BOLT, 5/16-18 x 5/8" Carriage, Grade 5 (13)
16	2-9213	PULLEY, 4-1/2" O.D. A/B Groove (2)	57	9-1833	SCREW, 5/16-18 x 5/8" Pan Head
17	2-8728	ADJUSTER, Chain (2)	58	1-6973	DECAL, Caution
18	2-8200	SWIVEL, Adjustable (2)	59	1-4852	DECAL, Caution
19	9-1503	HAIR PIN, 3/32 x 1-1/2" (3)	60	9-0546	NUT, 3/8-16 Hex Ctr. Lock, Grade 5
20	9-1514	WASHER, 3/8" I.D. x 13/16" O.D. Flat (10)	61	1-1201	NUT, 5/16-24 Hex Center Lock
21	2-6154	DECAL, 38 Inch	62	9-0850	BOLT, 3/8-16 x 3/4" Carr., Gr. 5 (3)
22	3-6561	BELT GUIDE, 38/42	63	9-1587	WASHER, 1/2" I.D. x 1-1/16" O.D. Flat (3)
23	3-5969	SPRING, Extension	64	9-0037	COTTER-PIN, 3/32 x 3/4"
24	2-7717	IDLER, 4" O.D. Flat	65	9-0958	BOLT, 5/16-18 x 1-1/2" Carr., Gr. 5
25	1-8574	IDLER, 4-1/8" O.D. Flat	66	9-1528	WASHER, 3/8" I.D. x 7/8" O.D. Flat
26	3-5495	ROD, Cutter Deck Timing	67	3-2028	WASHER, 3/4" I.D. x 1-1/2" O.D. Flat (2)
27	4-2646	ARM, Idler (Series 1)	68	1-2063	WASHER, Cone
--	5-8439	ARM, Idler (Series 2)	69	2-8620	SPACER, 11/32"
28	9-1587	WASHER, 1/2" x 1-1/16" Flat (3)	70	9-0585	NUT, 5/16-18 Hex Flange Lock (6)
29	3-3756	BRACKET, Gage Wheel	71	9-0636	SCREW, 5/16-18 x 1" Hex Cap (6)
30	3-3891	BRACKET, L.H. Wheel			
31	2-9425	CHUTE, Discharge			
32	2-1815	SPACER, 25/64"			
33	3-4861	BRACKET, 38 Deck Lift, L.H. Front			
34	3-4863	BRACKET, 38 Deck Lift, R.H. Front			
35	9-0815	SCREW, 3/8-16 x 3/4" Hex Washer Self-Tap (8)			
36	3-5502	ROD, Pivot, Side Discharge			
37	3-5566	BRACKET, L.H. Rear Lift Arm			
38	9-1508	BOLT, 5/16-18 x 3/4" Carr. Grade 5			
39	9-1575	NUT, 5/16-18 Hex Center Lock, Grade 5 (2)			
40	3-5503	ROD, Mounting, Side Discharge			

# 33" SPINDLE ASSEMBLY



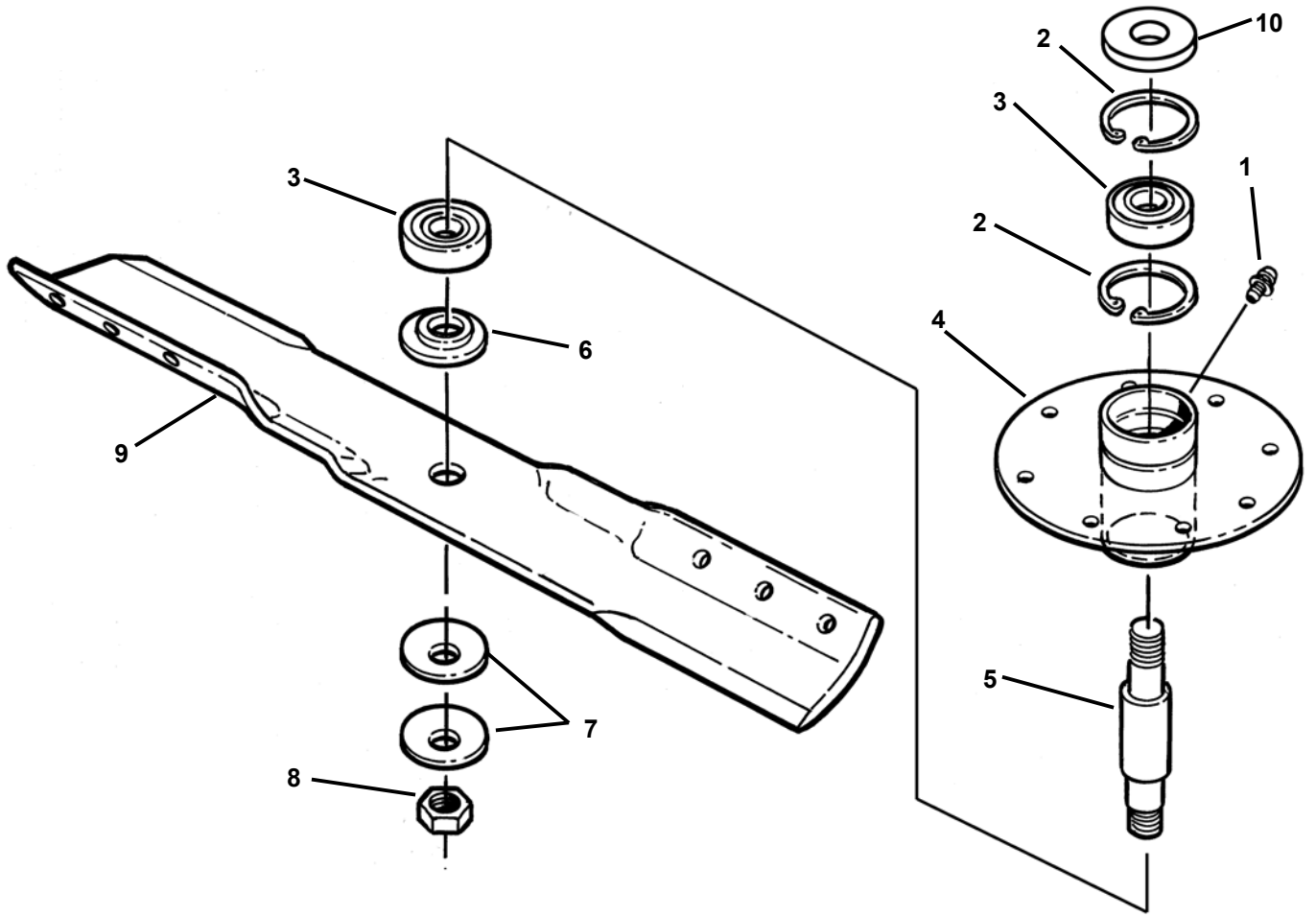
ITEM	PART NO.	DESCRIPTION
1	4-7962	HOUSING, Spindle
2	2-4687	SPINDLE, Shaft (7.54" Long)
3	1-4407	WASHER
4	1-3313	BEARING, Spindle (2)
5	3-7751	HOLDER, Blade
6	1-2491	RING, 1-3/4" External Retaining (2)
7	1-0817	FITTING, Lube
8	9-0356	NUT, 5/8-18 Hex Center Lock Jam
9	9-0392	SCREW, 1/2-20 x 1" Hex Head Cap (2)
10	9-0559	NUT, 1/2-20 Hex Jam (2)

# 38" SPINDLE ASSEMBLY SERIES 1



ITEM	PART NO.	DESCRIPTION
1	5-4513	ASSEMBLY, Spindle Housing 38" Cutting Deck (Includes items 2 thru 9)
2	2-6808	BEARING, Spindle (2)
3	2-4465	SPACER, Spindle Housing
4	2-4461	HOUSING, Spindle
5	2-6754	SPINDLE (7.019" Long)
6	2-4463	SPACER, Blade
7	2-4467	WASHER, Belleville, 19/32" I.D. x 1-3/4" O.D. (2)
8	9-1633	NUT, 9/16-18 Hex Jam
9	4-2998	BLADE, 19.64

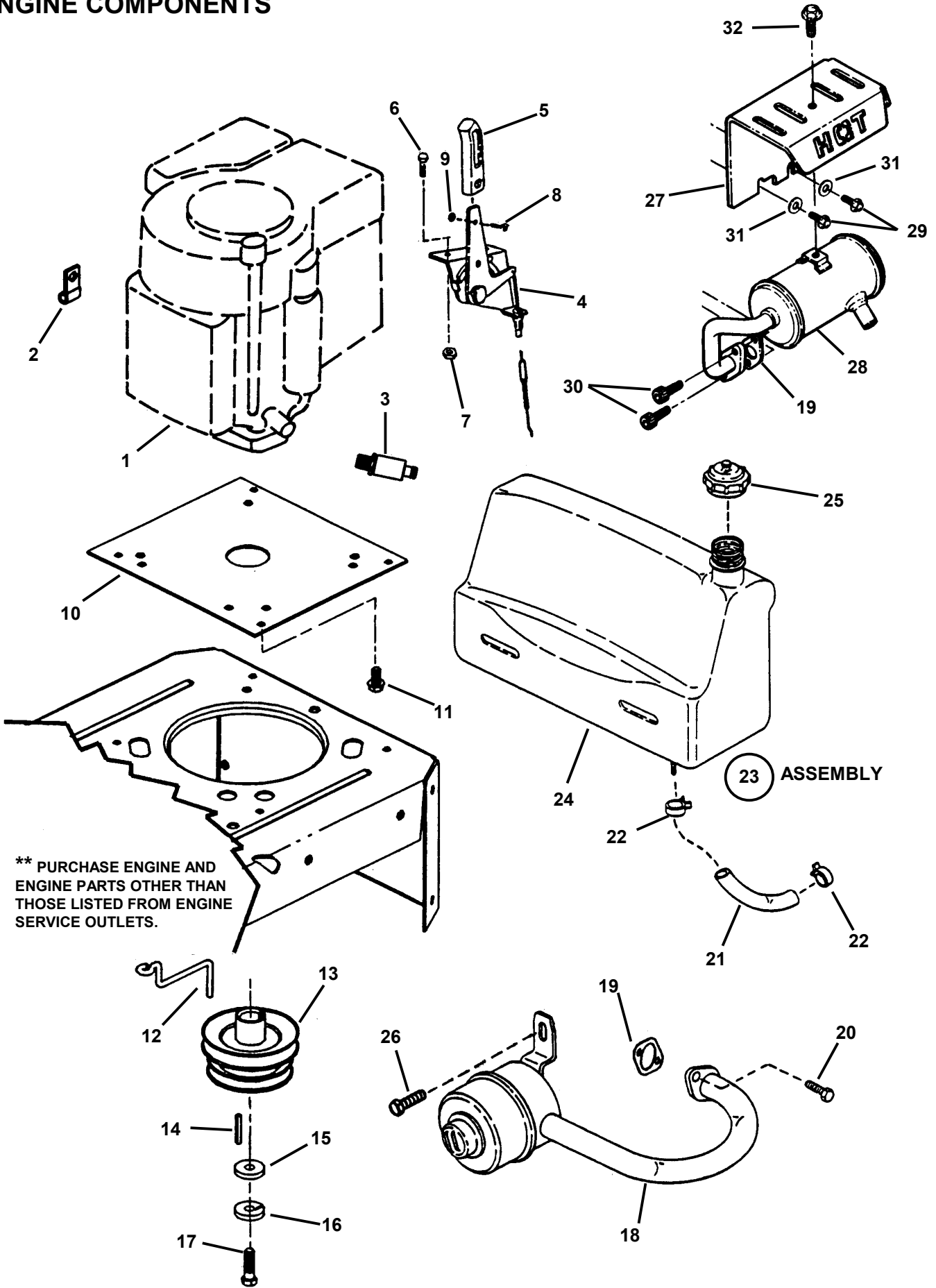
# 38" SPINDLE ASSEMBLY SERIES 2



## 38" SPINDLE ASSEMBLY SERIES 2

ITEM	PART NO.	DESCRIPTION
--	5-8357	ASSEMBLY, Spindle Housing, 38" Cutting Deck (Includes items 2 thru 9)
1	1-0817	FITTING, Lube
2	1-2491	RING, Retaining (2)
3	1-3313	BEARING, Spindle (2)
4	5-8356	HOUSING, Spindle
5	7-2537	SHAFT, Spindle (7.155" Long)
6	7-2109	WASHER, Spindle
7	2-4467	WASHER, Belleville, 19/32" I.D. x 1-3/4" O.D. (2)
8	9-1633	NUT, 9/16-18 Hex Jam
9	4-2998	BLADE, 19"
10	7-2440	SPACER, Pulley

# ENGINE COMPONENTS

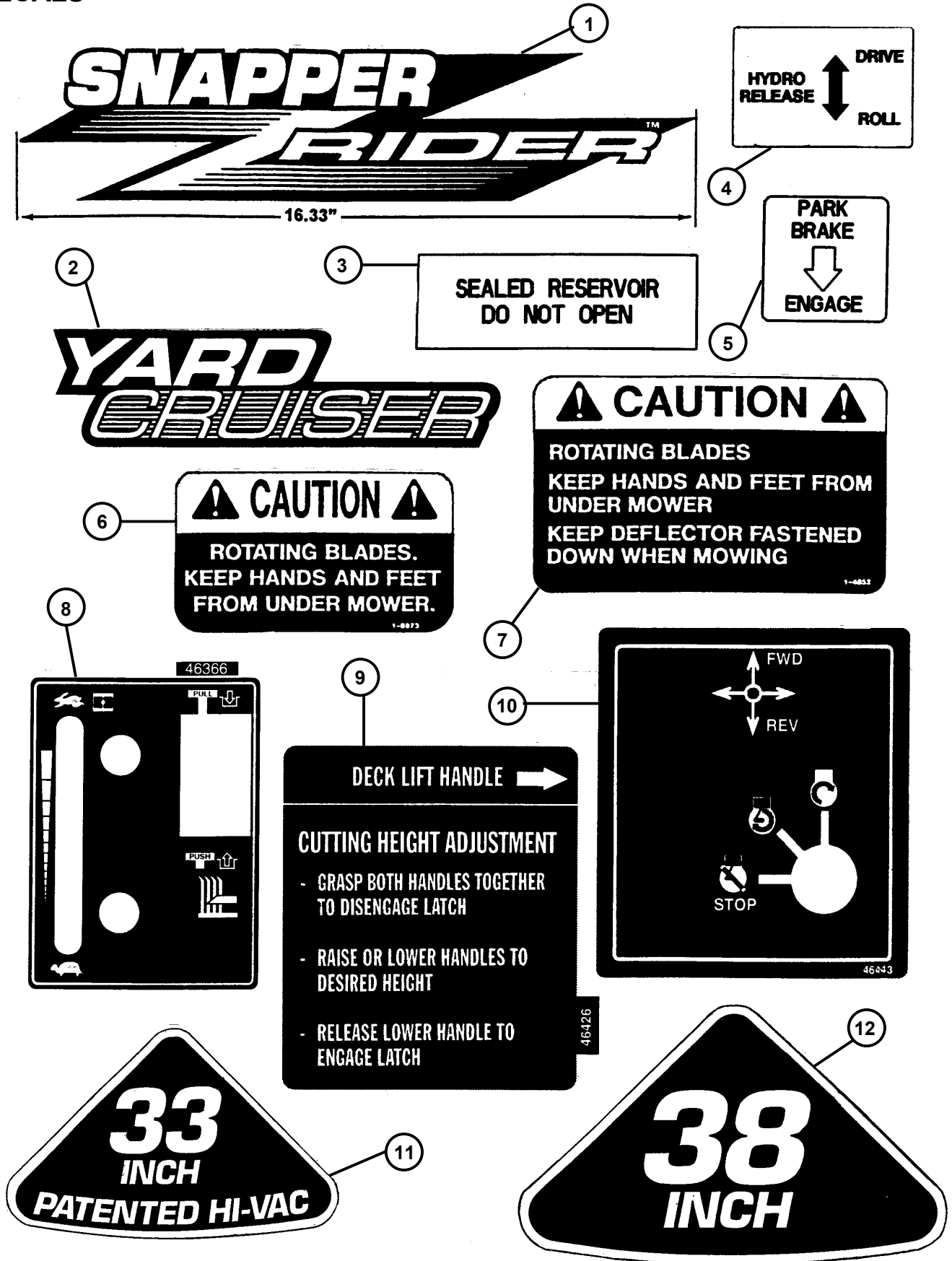


**\*\* PURCHASE ENGINE AND ENGINE PARTS OTHER THAN THOSE LISTED FROM ENGINE SERVICE OUTLETS.**

## ENGINE COMPONENTS

ITEM	PART NO.	DESCRIPTION
1	--	ENGINE, 13 HP Briggs
--	--	ENGINE, 14.5 HP Briggs
2	1-2652	WIRE CLIP, 7/16"
3	2-7972	ASSEMBLY, Oil Valve
4	4-6259	CONTROL, Engine Control
5	2-3655	LEVER, Engine Control
6	9-1240	SCREW, #10-32 x 5/8" Hex Washer Head, Grade 5 (2)
7	9-0376	NUT, #10-32 Nyloc (2)
8	9-1017	SCREW, #8-32 x 3/8" Machine
9	9-1018	NUT, #8-32 Hex
10	3-6389	PLATE, Engine
11	9-0324	SCREW, 3/8-16 x 1" Hex Washer Head (Briggs) (4)
12	3-5362	GUIDE, Belt
13	4-1822	PULLEY, Engine (Small Pulley- Down)
14	1-0210	KEY, 1/4" x 2" Square
15	9-1807	SPACER, Clutch
16	9-1301	WASHER, 7/16" Split Lock
17	9-1763	SCREW, 7/16-20 x 1-1/2" Hex Head Cap, Grade 5
18	5-1996	ASSEMBLY, Muffler/Deflector (13 HP Briggs)
19	1-5352	GASKET, Exhaust
20	9-0206	SCREW, 5/16-18 x 3/4" Hex Head Cap, Grade 5 (2)
21	3-2015	HOSE, Fuel 1/4" I.D. x 7"
22	1-2222	CLAMP, Fuel Hose (2)
23	5-1905	ASSEMBLY, Fuel Tank (Includes tank & cap)
24	**	TANK, Fuel (not sold separately)
25	1-2515	CAP, Fuel
26	9-1495	SCREW, 1/4-20 x 3/4" Hex Head Cap, Grade 5
27	4-7050	SHIELD, Heat (14.5 HP Briggs)
28	7-1939	MUFFLER, (14.5 HP Briggs)
29	9-1906	SCREW, 1/4-20 x 3/4" Hex Head Flange Gr. 5 (2)
30	9-1738	SCREW, 5/16-18 x 3/4" Socket Head Cap Gr. 8 (2)
31	9-1627	WASHER, 1/4" I.D. x 1" O.D. 1/8 Thick Flat (2)
32	9-1525	BOLT, 5/16-18 x 1/2" Hex Flange Lock (2)

DECALS



**TO START ENGINE:**

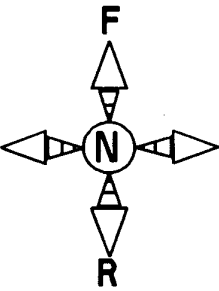
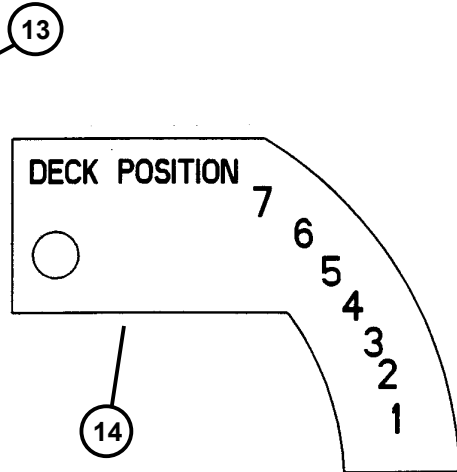
1. OPERATOR MUST BE SEATED ON MACHINE.
2. BLADE SWITCH MUST BE PUSHED IN TO THE "OFF" POSITION.
3. JOYSTICK CONTROL MUST BE IN THE NEUTRAL POSITION.
4. PARK BRAKE MUST BE ENGAGED BY PRESSING THE BUTTON AND PULLING THE LEVER BACK TO LOCK POSITION.
5. SET CHOKE AND THROTTLE CONTROL.
6. TURN IGNITION KEY TO "ON" POSITION.

**TO OPERATE MACHINE:**

1. MOVE ENGINE SPEED CONTROL TO "FAST" POSITION.
2. PULL BLADE SWITCH OUT TO THE "ON" POSITION TO START BLADES.
3. RELEASE PARK BRAKE BY PRESSING THE BUTTON AND MOVING LEVER FORWARD TO LOCK POSITION.
4. SLOWLY MOVE JOYSTICK CONTROL IN THE DESIRED DIRECTION OF TRAVEL.
5. INCREASE/DECREASE SPEED WITH THE AMOUNT OF JOYSTICK MOVEMENT FROM THE NEUTRAL POSITION.

**TO STOP MACHINE:**

1. MOVE JOYSTICK CONTROL TO NEUTRAL POSITION.
2. PUSH BLADE SWITCH IN TO THE "OFF" POSITION TO STOP BLADES.
3. ENGAGE PARK BRAKE BY PRESSING THE BUTTON AND PULLING LEVER BACK TO THE LOCK POSITION.
4. TURN IGNITION KEY TO THE "OFF" POSITION.

**WARNING**

**AVOID SERIOUS INJURY OR DEATH**

- READ ALL MANUALS AND INSTRUCTIONS FURNISHED WITH THE MACHINE.
- MAKE SURE THAT SHIELDS, GUARDS, SWITCHES AND OTHER SAFETY DEVICES ARE IN PROPER POSITION AND FUNCTIONAL.
- CLEAR MOWING AREA OF WIRE, ROCKS AND OTHER OBJECTS THAT COULD CAUSE INJURY IF THROWN BY BLADE.
- DO NOT ALLOW CHILDREN (PRE-TEENAGERS) ON MACHINE (EVEN WITH BLADE OFF) OR IN YARD WHEN MOWING. KEEP OTHERS SAFELY AWAY FROM THE OPERATING AREA.
- LOCK DOWN AND BEHIND MACHINE BEFORE AND WHILE BACKING.
- DO NOT MOW ON SLOPES OR IN ANY AREA WHERE STABILITY OR TRACTION IS IN DOUBT. IF YOU CAN NOT BACK UP SLOPE, DO NOT MOW ON IT.
- DO NOT MOW ACROSS FACE OF SLOPES. REDUCE SPEED AND AVOID SHARP TURNS ON SLOPES.
- AVOID UPHILL STARTS. IF THE MACHINE IS STOPPED GOING UP A SLOPE, TURN BLADE OFF AND BACK DOWN THE SLOPE.
- STOP BLADE BEFORE PUTTING FOOT ON GROUND OR LEAVING THE SEAT.
- AVOID SUDDEN TURNS.

46441

ITEM	PART NO.	DESCRIPTION
1	3-5848	DECAL, SNAPPER Z Rider
2	4-6350	DECAL, Yard Cruiser
--	4-5359	DECAL, Yard Cruiser
3	4-4767	DECAL, Hydro Reservoir
4	7-1683	DECAL, Hydro Release
5	4-5167	DECAL, Parking Brake
6	1-6973	DECAL, Caution
7	1-4852	DECAL, Caution
8	4-6366	DECAL, Engine Control
9	4-6426	DECAL, Deck Height
10	4-6443	DECAL, Ignition Switch
11	2-2991	DECAL, 33" Hi-Vac
12	2-6154	DECAL, 38 Inch
13	4-5173	DECAL, Operation
14	4-6457	DECAL, Deck Position
15	2-6831	DECAL, CPSC
16	4-6441	DECAL, Safety Instruction
17	2-9113	DECAL, Caution Fuel
18	7-3335	DECAL, OPEI (Not Shown)

**TO STAND ON END:**  
CLOSE CAP VENT AND REMOVE TANK  
IF FUEL IS OVER 3/4 FULL.

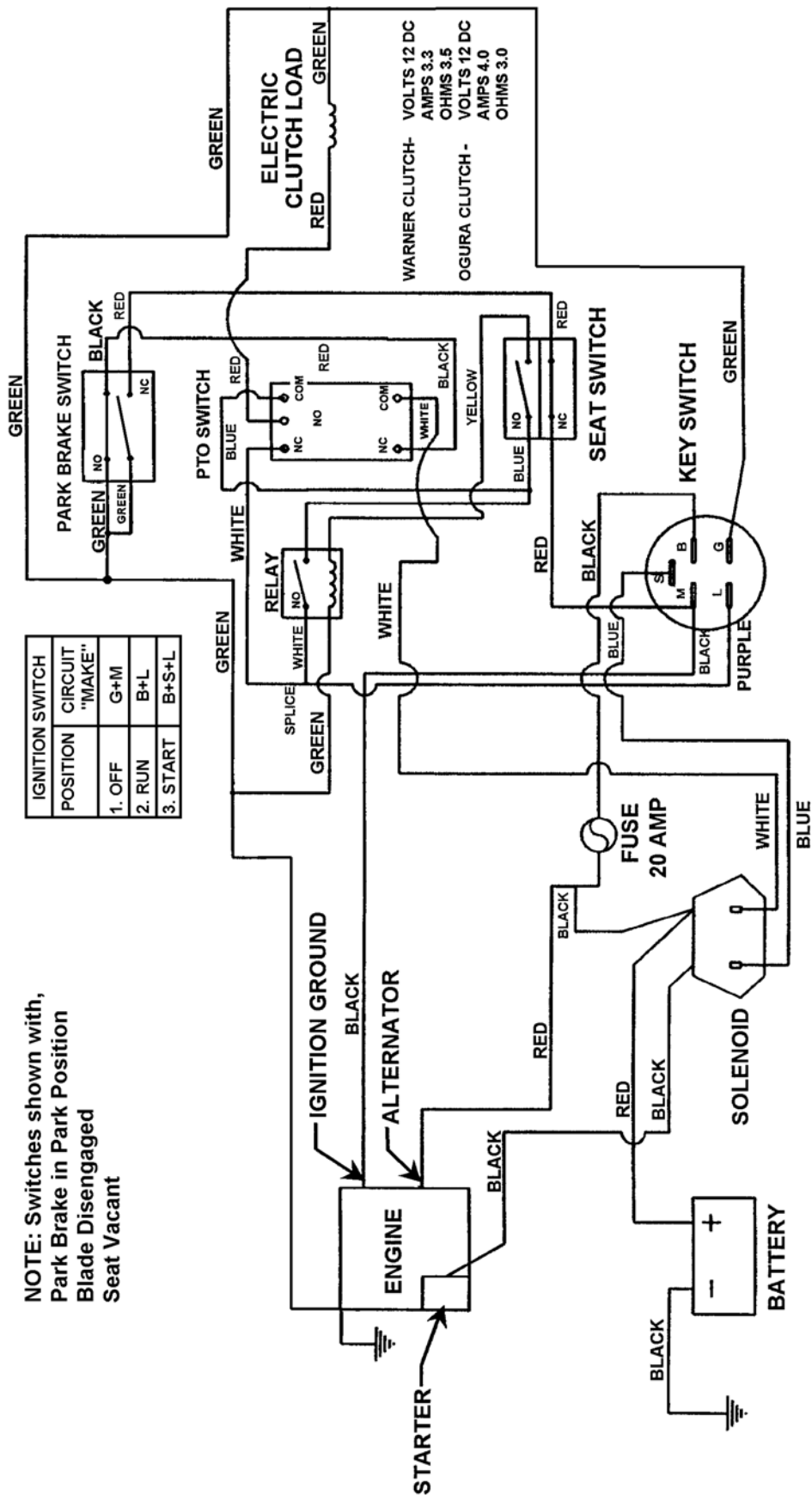


## ELECTRICAL COMPONENTS

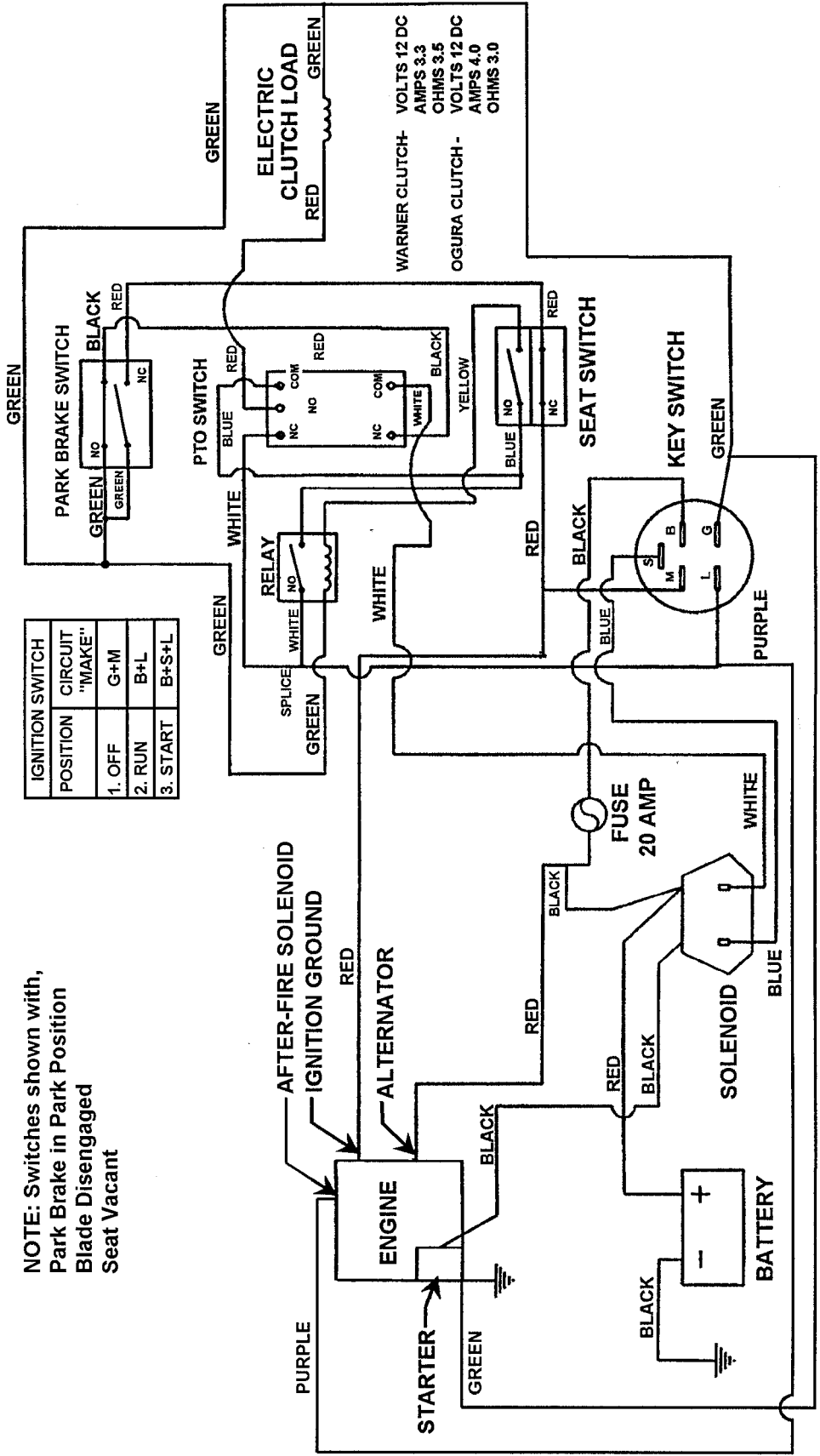
ITEM	PART NO.	DESCRIPTION
1	4-6310	WIRING HARNESS (13HP Briggs)
--	4-7041	WIRING HARNESS (14.5 HP Briggs)
2	9-0977	NUT, 1/4-20 Hex Jam (2)
3	9-0411	SCREW, #10-24 x 1/2" Hex Head Cap (2)
4	3-5926	WIRING HARNESS, Warner Clutch (38" units)
5	1-6835	WIRE, Positive, 13"
6	4-2956	WIRE, Negative, 14"
7	7-1694	COVER, Battery Cable
8	2-8570	RELAY, Operator Presence Control (for 13 HP Briggs)
--	5-8211	RELAY, Operator Presence Control (with bracket) (for 14.5 HP Briggs)
9	2-2886	SWITCH, Seat
10	2-8542	SWITCH, PTO Electric Clutch
11	2-3355	SWITCH, Park Break
12	9-0913	SCREW, #10-24 x 1/2" Hex Washer Head, Self-Tapping (3)
13	2-9130	BATTERY, 12 Volt, 14 Amp, 190 Cold Cranking Amp (Includes Drain Tube)
14	2-6343	SWITCH, Ignition (Includes #1-1138 Keys)
15	2-9714	SPACER
16	2-3506	BEZEL
17	1-8604	SOLENOID, 12 Volt
18	9-0071	SCREW, 1/4-20 x 1/2" Hex Head Cap, Grade 5 (2)
19	9-1584	NUT, 1/4-20 Hex Flange Lock, Grade 5 (2)
20	9-1314	WASHER, 1/4 Internal Tooth Lock (3)
21	1-2688	NUT, #10-24 Hex Twin "Whiz" Lock (2)
22	3-5661	SPACER, PTO Switch (Not Shown)

<u>PLUG</u>	<u>CONNECTS TO:</u>
A.	Brake Switch
B.	PTO Switch
C.	Seat Switch
D.	Electric Clutch
E.	Relay
F.	Solenoid Battery Terminal
G.	Solenoid Starter Terminal
H.	Ignition Switch
I.	Battery, Positive Terminal
J.	Battery, Negative Terminal
K.	Alternator
L.	Ignition Ground
M.	Anti-After Fire
N.	Start Engine
O.	Solenoid "Spade" Terminal
P.	Solenoid "Spade" Terminal
Q.	Ground at Solenoid

# WIRING SCHEMATIC SERIES 1



**SCHEMATIC - WIRING DIAGRAM**  
Part No. 4-6310 for YZ13331BE and YZ13381BE



NOTE: Switches shown with,  
Park Brake in Park Position  
Blade Disengaged  
Seat Vacant

SCHEMATIC - WIRING DIAGRAM  
Part No. 4-7041 for YZ145332BVE and YZ145382BVE

*Parts Manual for*

# **SNAPPER<sup>®</sup>**

**YARD CRUISER<sup>™</sup>**

**HYDRO DRIVE**

**SERIES 1 & 2**

IT IS THE POLICY OF SNAPPER TO IMPROVE ITS PRODUCTS WHENEVER IT IS POSSIBLE AND PRACTICAL TO DO SO. WE RESERVE THE RIGHT TO MAKE CHANGES OR ADD IMPROVEMENTS AT ANY TIME WITHOUT INCURRING ANY OBLIGATION TO MAKE SUCH CHANGES ON PRODUCTS MANUFACTURED PREVIOUSLY.