

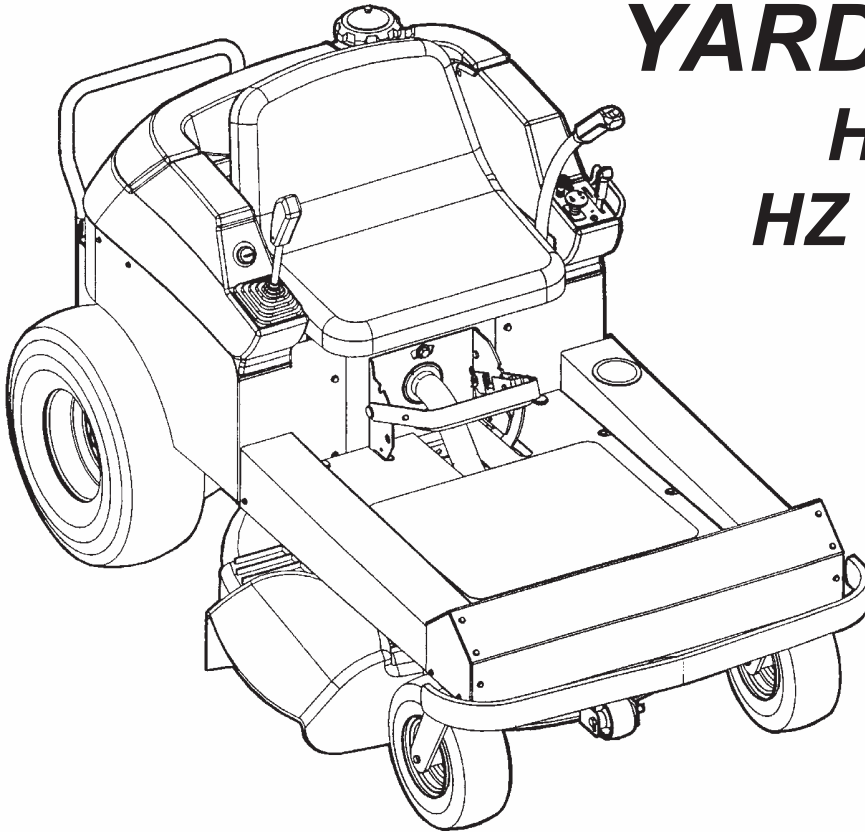
Parts Manual for

# SNAPPER®

## YARD CRUISER™

HYDRO DRIVE

HZ SERIES 1 & 2



### MODELS

HZS14331BVE  
 HZS14381BVE  
 HZS15421KVE  
 HZS15422KVE  
 HZS16481BVE  
 HZS18482BVE

HZS14331BE Model shown

### CONTENTS

DESCRIPTION	PAGE(S)	DESCRIPTION	PAGE(S)
WHEELS- REAR .....	2	42" MOWER DECK ASSEMBLY .....	32-35
CASTER, FRONT WHEEL & TIRE ASSM'Y. ....	3	48" MOWER DECK ASSEMBLY .....	36-39
FRONT FRAME & COVER ASSEMBLIES .....	4-9	33" SPINDLE ASSEMBLY .....	40
REAR FRAME ASSEMBLY .....	10-11	38" SPINDLE ASSEMBLY .....	41
FUEL TANK & OPERATOR'S SEAT .....	12-13	42" SPINDLE ASSEMBLY .....	42
FENDER & TRANSAXLE ASSEMBLY .....	14-15	48" SPINDLE ASSEMBLY .....	43
CLUTCH ASSEMBLY .....	16-17	ENGINE COMPONENTS .....	44-45
DECK LIFT HANDLE ASSEMBLIES .....	18-21	DECALS .....	46-47
BRAKE/CLUTCH LEVER ASSEMBLY .....	22-23	ELECTRICAL COMPONENTS .....	48-49
33" MOWER DECK ASSEMBLY .....	24-27	WIRING SCHEMATICS .....	50-51
38" MOWER DECK ASSEMBLY .....	28-31		

**SNAPPER**® McDonough, GA., 30253 U.S.A.

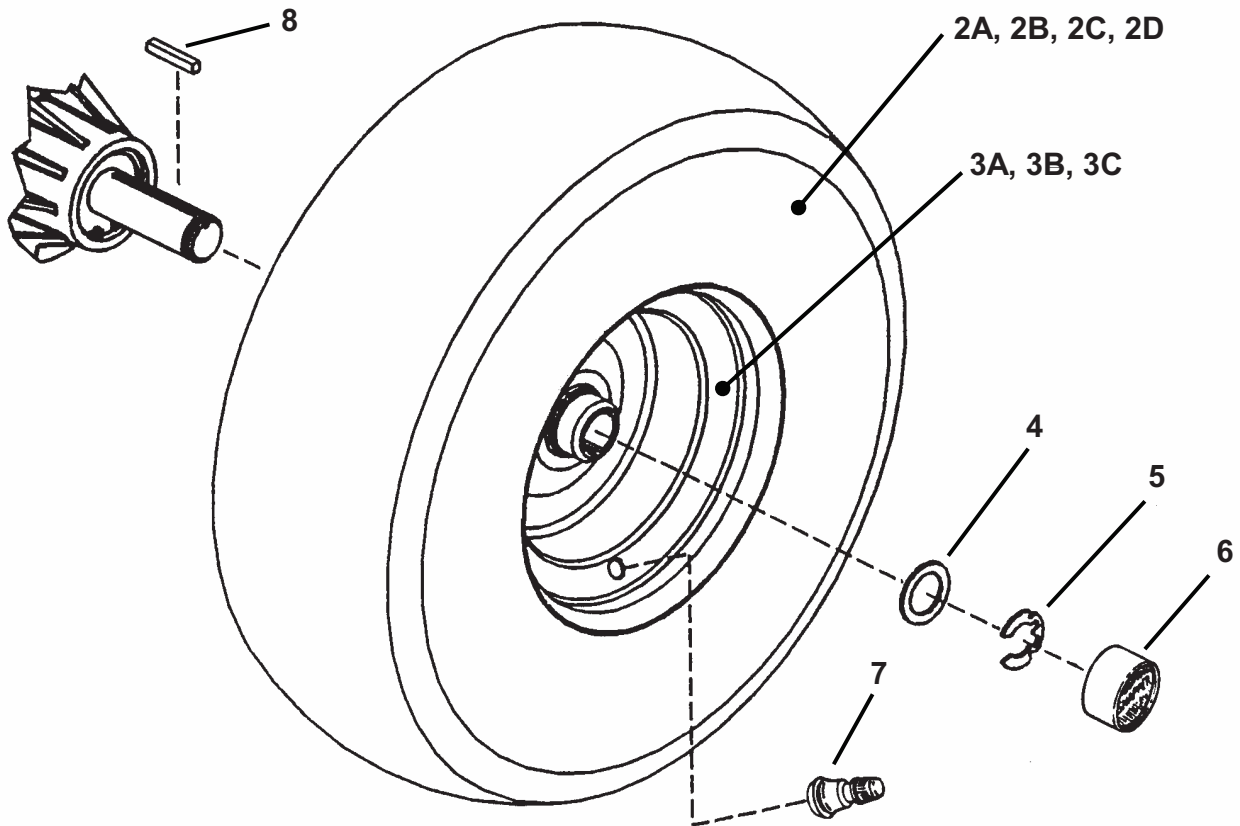
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(Rev. 5, 09/30/02)

MANUAL No. 06109

# WHEELS - REAR

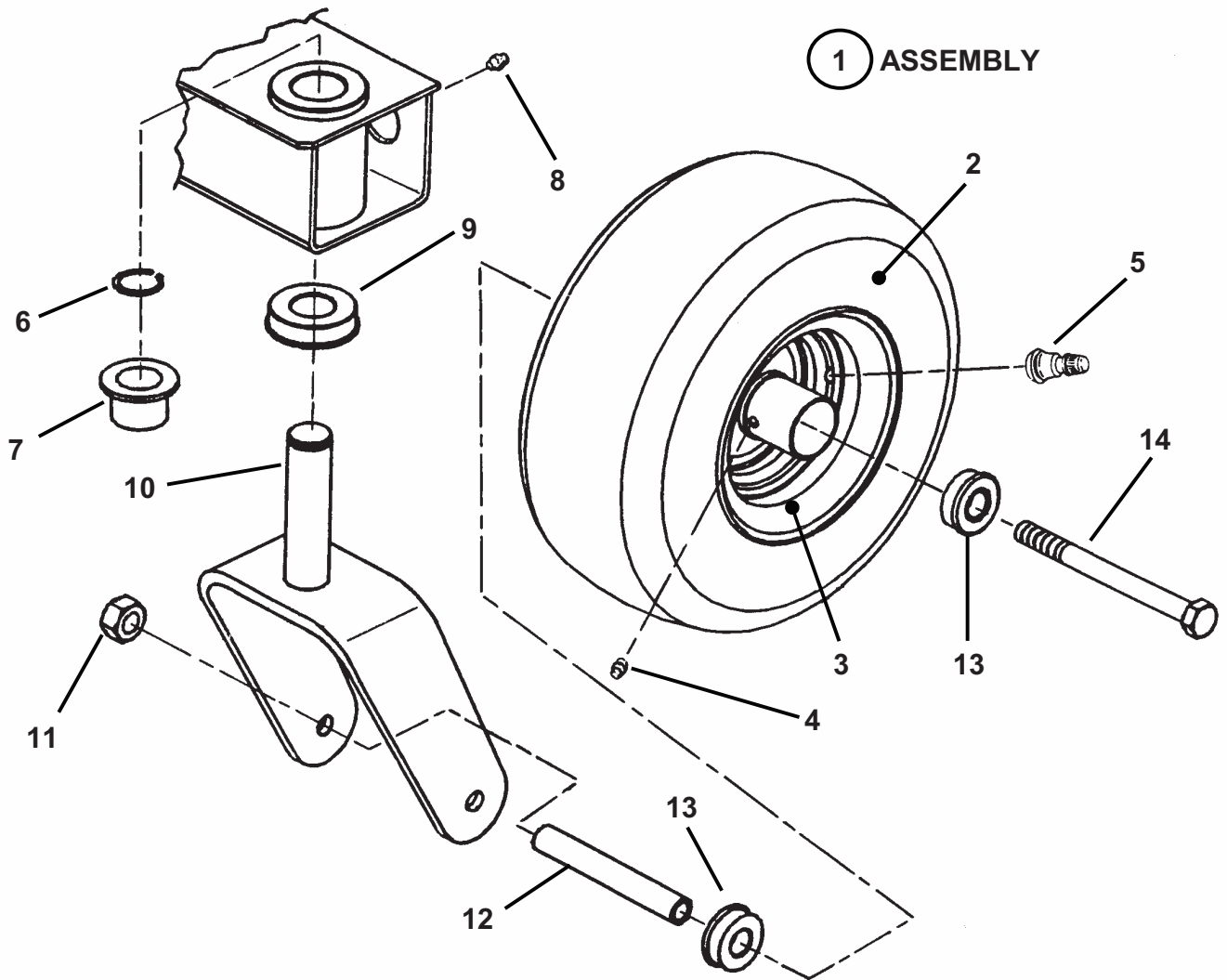
## 1 ASSEMBLY



ITEM	PART NO.	DESCRIPTION
1	5-7686	ASSEMBLY, Rear Tire & Rim (2) (Includes Items 2C, 3B, & 7) (42" Series 2) Multi-Trac
--	5-7681	ASSEMBLY, Rear Tire & Rim (2) (Includes Items 2A, 3A, & 7) (33" Models) Multi-Trac
--	5-7682	ASSEMBLY, Rear Tire & Rim (2) (Incl. Items 2B, 3B, & 7) (38" & 42", Series 0 & 1) Multi-Trac
--	5-7999*	ASSEMBLY, Right Hand Tire & Rim (Includes Items 2D, 3C & 7) (48" Models, Series 2)
--	5-8000*	ASSEMBLY, Left Hand Tire & Rim (Includes Items 2D, 3C & 7) (48" Models, Series 2)
2A	4-6321	TIRE, 18 x 7.00-8 (33" Models) Multi-Trac Tread
2B	4-6322	TIRE, 18 x 8.50-8 Multi-Trac Tread (38" & 42" Models) (Series 0 & 1)
2C	4-6339	TIRE, 18 x 9.50-8 (42" Models, Series 2)
2D	4-6429	TIRE, 18 x 8 All Terrain Tread (48" Models, Series 2)
3A	3-5427	RIM, 18 x 7.00 (33" Models)
3B	3-5562	RIM, 18 x 8.50 (38" & 42" Models, Series 0, 1 & 2)
3C	5-8156	RIM, 18 x 8 (48" Models, Series 2)
4	7-2028	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, M6 x 38 Square (2)

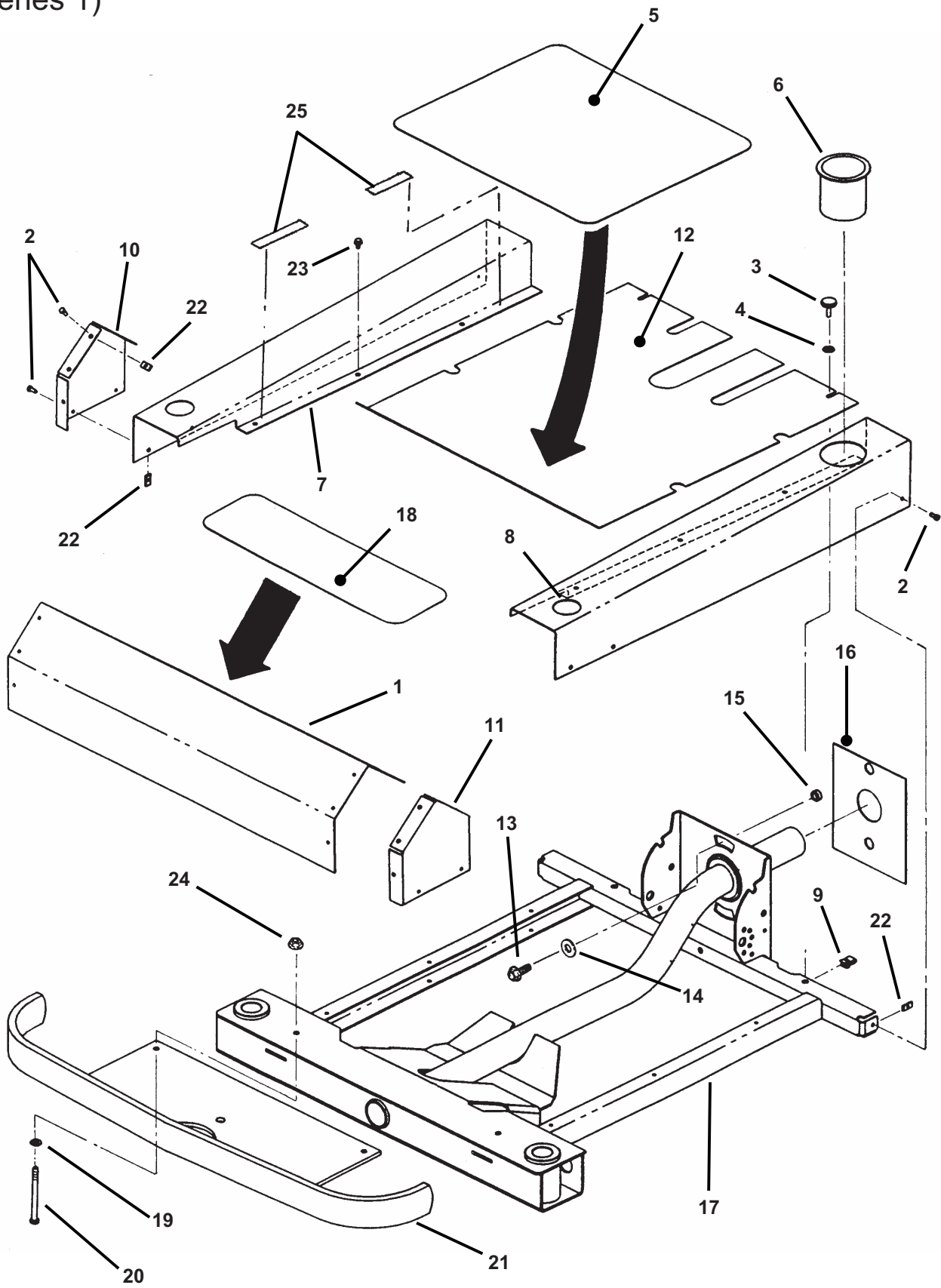
**\*NOTE: Kit #6-3069 is made up of tire assemblies 5-7999 and 5-8000 (one each)**

# CASTER, FRONT WHEEL & TIRE ASSEMBLY



ITEM	PART NO.	DESCRIPTION
1	5-3980	ASSEMBLY, Front Wheel & Tire (Complete) (2) (Includes Items 2 thru 6)
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)

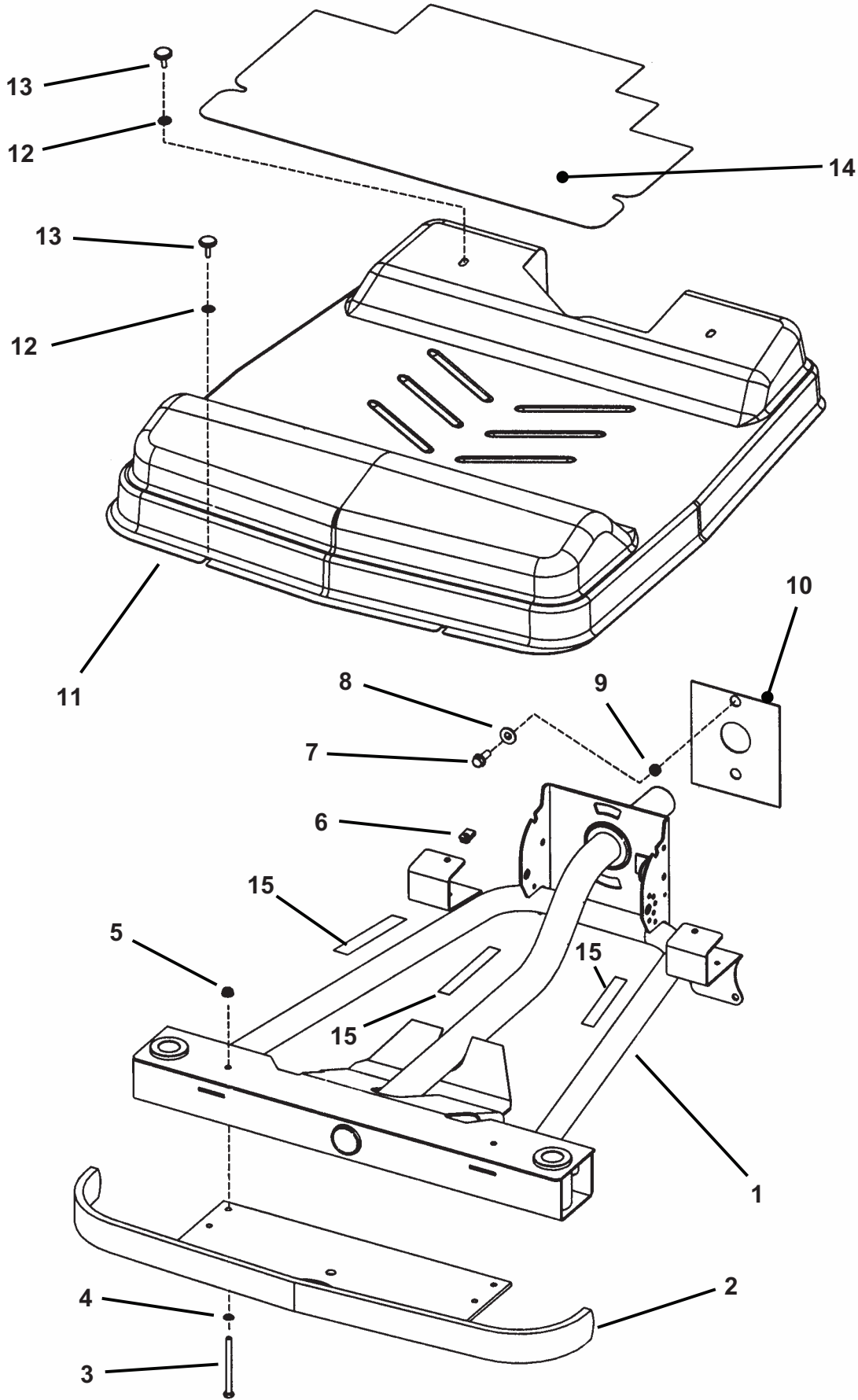


# FRONT FRAME & COVER ASSEMBLY

## (Series 1)

ITEM	PART NO.	DESCRIPTION
1	4-5315	FOOT REST
2	9-0913	SCREW, #10-24 x 1/2" Pan Head Phillips Machine (16)
3	2-3341	SCREW, 1/4-20 x 3/4" Thumb (4)
4	9-1890	WASHER, 1/4" Internal/External Lock (4)
5	4-4632	MAT, Floor
6	4-2968	HOLDER, Beverage
7	4-5258	RAIL, Front Cover (Right Hand)
8	4-5259	RAIL, Front Cover (Left Hand)
9	2-3295	U-NUT, 1/4-20 (4)
10	4-5322	PLATE, End (Right Hand)
11	4-5323	PLATE, End (Left Hand)
12	4-5325	PLATE, Floor
13	9-0324	SCREW, 3/8-16 x 1" Hex Washer Face, Self-Tapping (2)
14	9-0517	WASHER, 3/8 Flat (2)
15	3-5375	SPACER, Front Frame Pivot (2)
16	3-5374	PLATE, Front Frame Pivot
17	4-5255	FRAME, Front
18	4-5330	PAD, Foot Rest
19	9-1315	WASHER, 5/16" Split Lock (2)
20	9-1058	BOLT, 5/16-18 x 3-3/4" (2)
21	4-2921	BUMPER, Front
22	9-1056	NUT, #10-24 Clip (16)
23	9-1084	SCREW, 1/4-20 x 3/8" Self-Tapping (6)
24	9-1601	NUT, 5/16-18 (2)
25	4-1818	PAD, Floor Board Support (4)

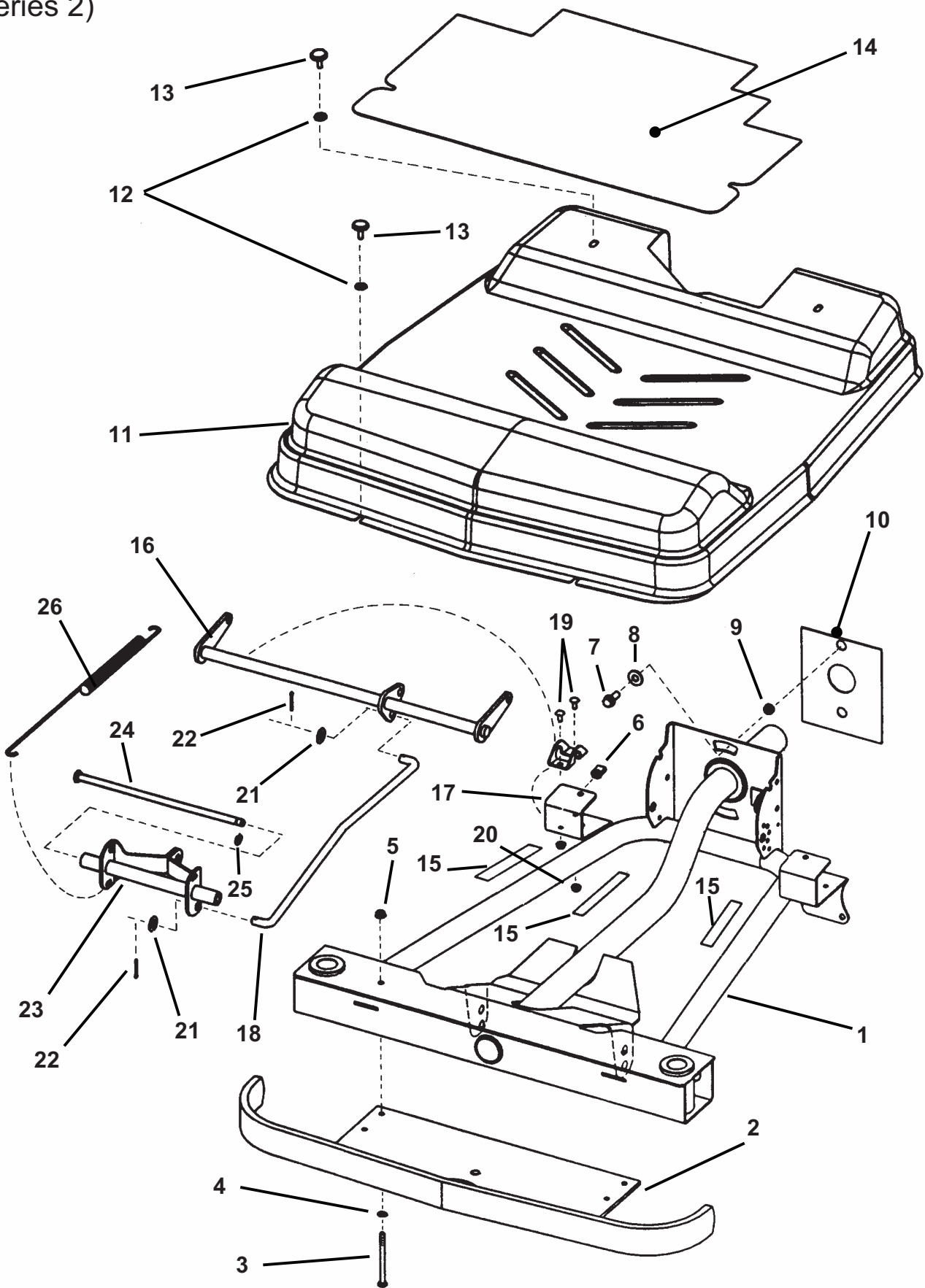
# 42" FRONT FRAME & COVER ASSEMBLY (Series 2)



# 42" FRONT FRAME & COVER ASSEMBLY (Series 2)

ITEM	PART NO.	DESCRIPTION
1	4-7031	FRAME, Front
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	4-6895	FLOOR, Front Frame
12	9-1890	WASHER, 1/4" Internal/External Lock (4)
13	2-3341	KNOB (4)
14	7-2141	FLOOR MAT
15	4-1818	PAD, Floor Pan (3)

# 48" FRONT FRAME & COVER ASSEMBLY (Series 2)

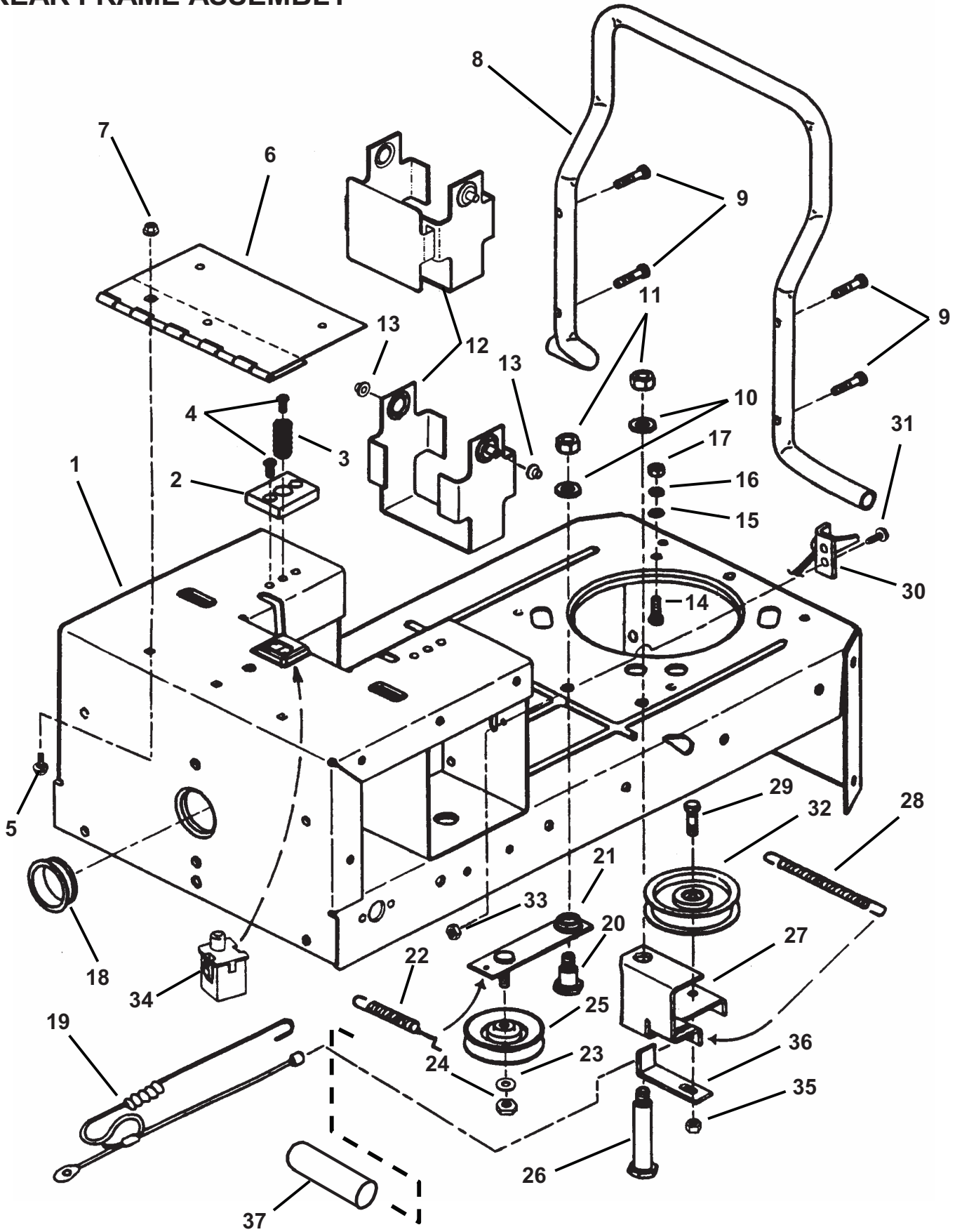




## 48" FRONT FRAME & COVER ASSEMBLY (Series 2)

ITEM	PART NO.	DESCRIPTION
1	4-7031	FRAME, Front
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	4-6895	FLOOR, Front Frame
12	9-1890	WASHER, 1/4" Internal/External Lock (4)
13	2-3341	KNOB (4)
14	7-2141	FLOOR MAT
15	4-1818	PAD, Floor Pan (3)
16	4-7060	WELDMENT, Rear Lift
17	4-7099	BRACKET, Saddle
18	4-7064	ROD, Timing
19	9-0551	BOLT, 1/4-20 x 5/8" Short Square Neck Carriage (4)
20	9-0583	NUT, 1/4-20 Flange Lock (4)
21	9-0667	WASHER, 1/2" Flat (2)
22	9-0041	PIN, 1/8 x 1" Cotter (2)
23	5-8004	WELDMENT, Front Lift
24	2-2717	ROD, Deck Support
25	1-7847	RING, .438 External Retaining
26	5-8074	SPRING, Deck Assist
27	2-8260	FASTENER, "U" Type (2)

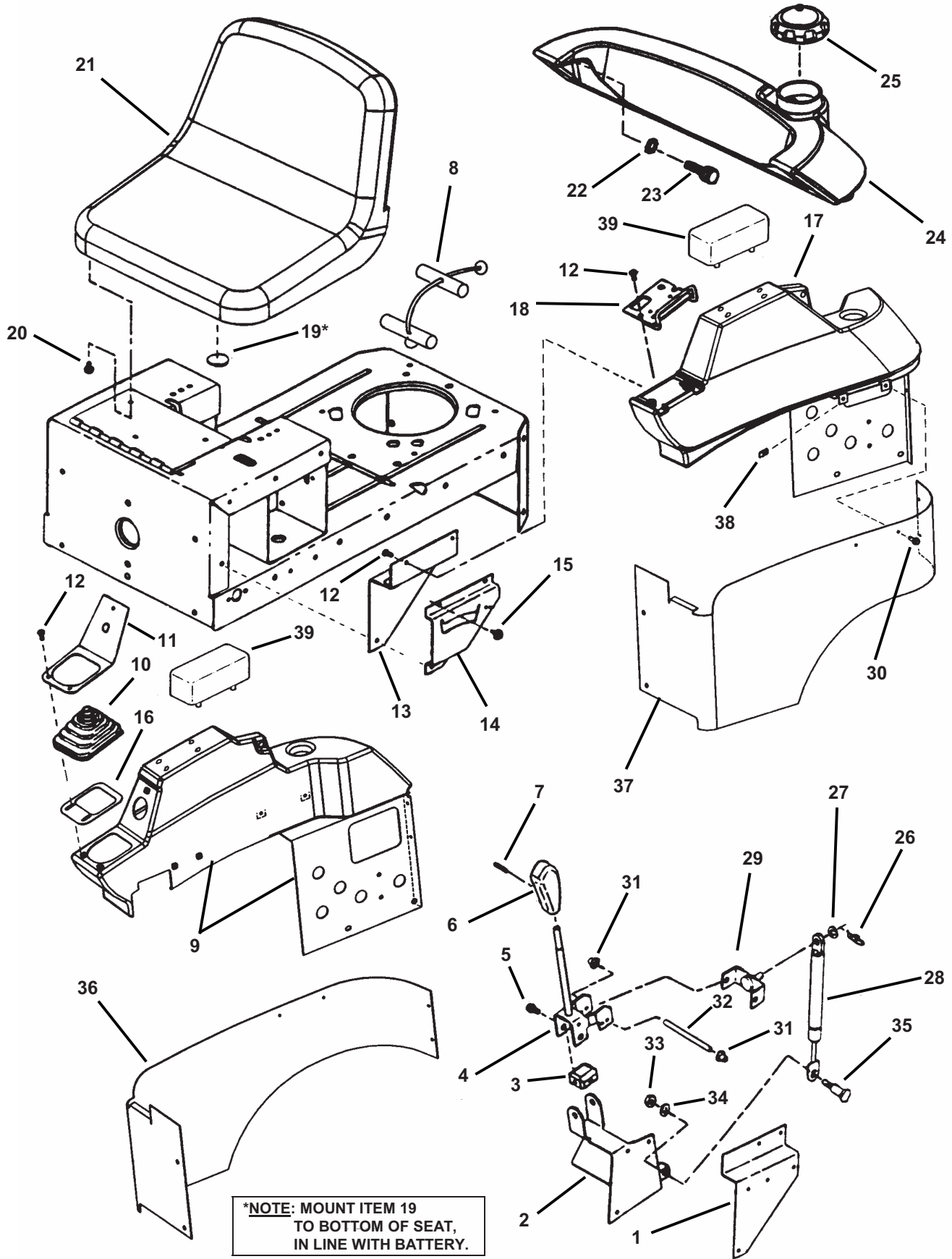
# REAR FRAME ASSEMBLY



## 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" Hex Washer Head, 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
--	5-8238	BRACKET, Battery (48" Deck Only)
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	4-1792	IDLER ARM, Primary
22	5-8692	SPRING, Clutch/Brake (5" long)
23	9-1514	WASHER, 3/8" Flat
24	9-1585	NUT, 3/8-16 Hex Center Lock, Grade 5
25	2-4344	PULLEY, Idler 3.30 Dia.
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, Drive Idler (3/4" x 10" long)
29	2-7168	SCREW, 5/16-18 x 1" 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	9-1575	NUT, 5/16-18 Hex Center Lock
36	3-4938	GUIDE, Belt
37	5-8691	COVER, Spring

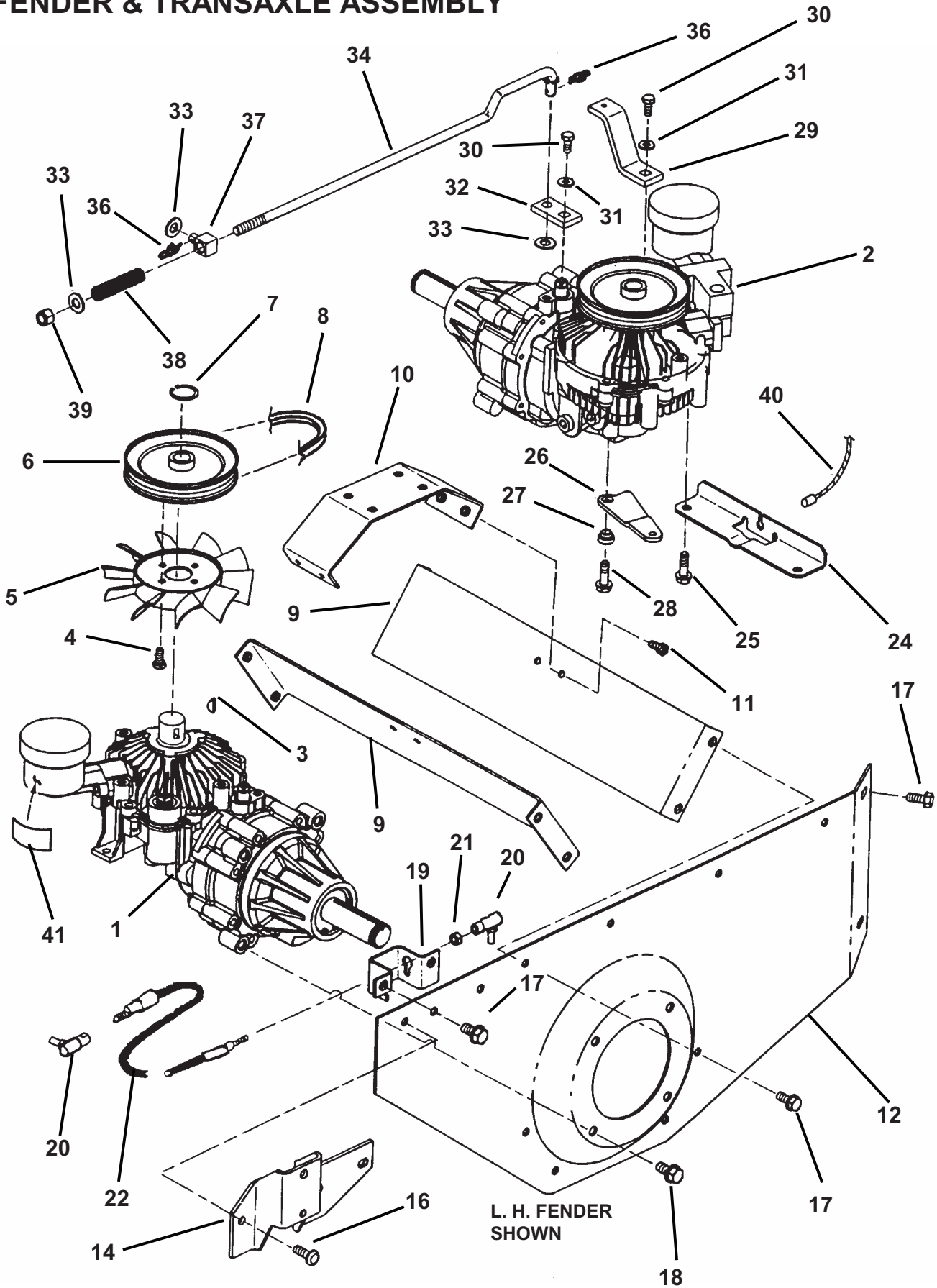
# FUEL TANK & OPERATOR'S SEAT



## FUEL TANK & 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	4-6561	TETHER, Seat
9	5-7976	ASSEMBLY, R.H. Fender (with steel support) (Series 1)
–	5-8254	ASSEMBLY, R.H. Fender (with steel support) (Series 2)
10	3-5936	BOOT, Joystick, Rubber
11	3-5935	BRACKET, Joystick/Key
12	9-0999	SCREW, 1/4 x 5/8" Pan Head Self-Tapping (7)
13	3-5481	BRACKET, Left Hand Tank Support
14	3-5482	BRACKET, Brake/Clutch Detent
15	9-0362	SCREW, 1/4-20 x 5/8" Self-Tapping (6)
16	4-6442	SPEED PLATE
17	5-7975	ASSEMBLY, L.H. Fender (with steel support) (Series 1)
–	5-8253	ASSEMBLY, L.H. Fender (with steel support) (Series 2)
18	4-2644	GUARD, Throttle Control
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	9-1890	WASHER, 1/4" Internal/External Tooth (2)
23	3-5920	SCREW, 1/4-20 x 1-1/2" Thumb (2)
24	3-5478	ASSEMBLY, Fuel Tank (Includes item 25)
25	4-4711	CAP, Fuel Tank (w/Gage & Screw Vent)
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	9-1631	SCREW, #10-24 x 1/2" Machine (8)
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 Shoulder
36	4-5235	FENDER, R.H. Steel (Radius) (Series 1)
–	4-6911	FENDER, R.H. Steel (Radius) (Series 2)
37	4-5236	FENDER, L.H. Steel (Radius) (Series 1)
–	4-6910	FENDER, L.H. Steel (Radius) (Series 2)
38	9-1056	U-CLIP, #10-24 (8)
39	4-4855	ARM REST, (2) (Series 2)

# FENDER & TRANSAXLE ASSEMBLY

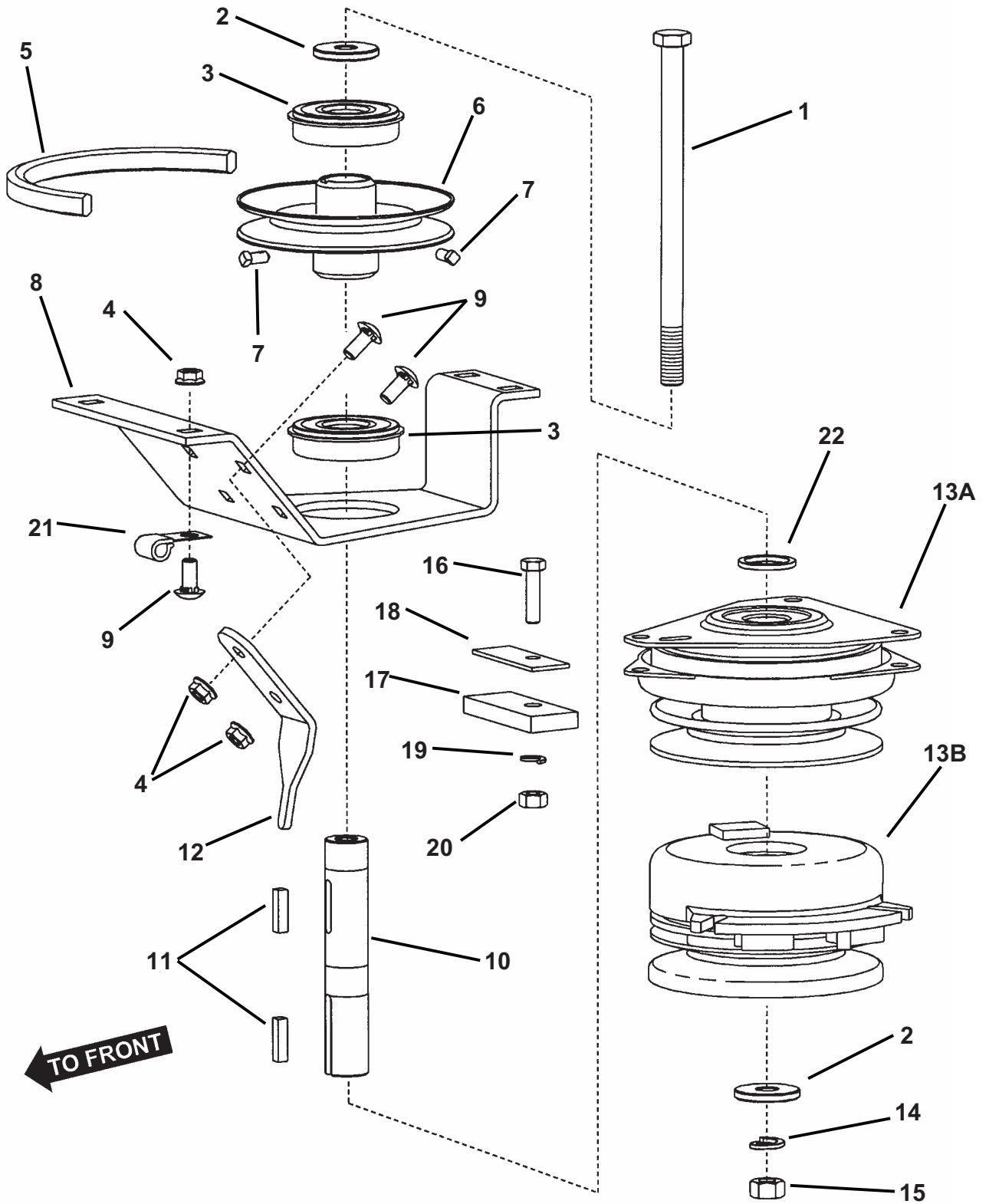


## FENDER & TRANSAXLE ASSEMBLY

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	9-0815	SCREW, 3/8-16 x 3/4" 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 (45.5" long)
23	2-9169	CABLE, R.H. Hydraulic Control (35.0" long) (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	2-4874	COTTER-PIN, 1/16 x 1.42" Self-Locking (4)
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)

<b>NOTE: MOBIL 1 DTE 26 OIL FOR HYDROTRANSAXLE</b>
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# CLUTCH ASSEMBLY

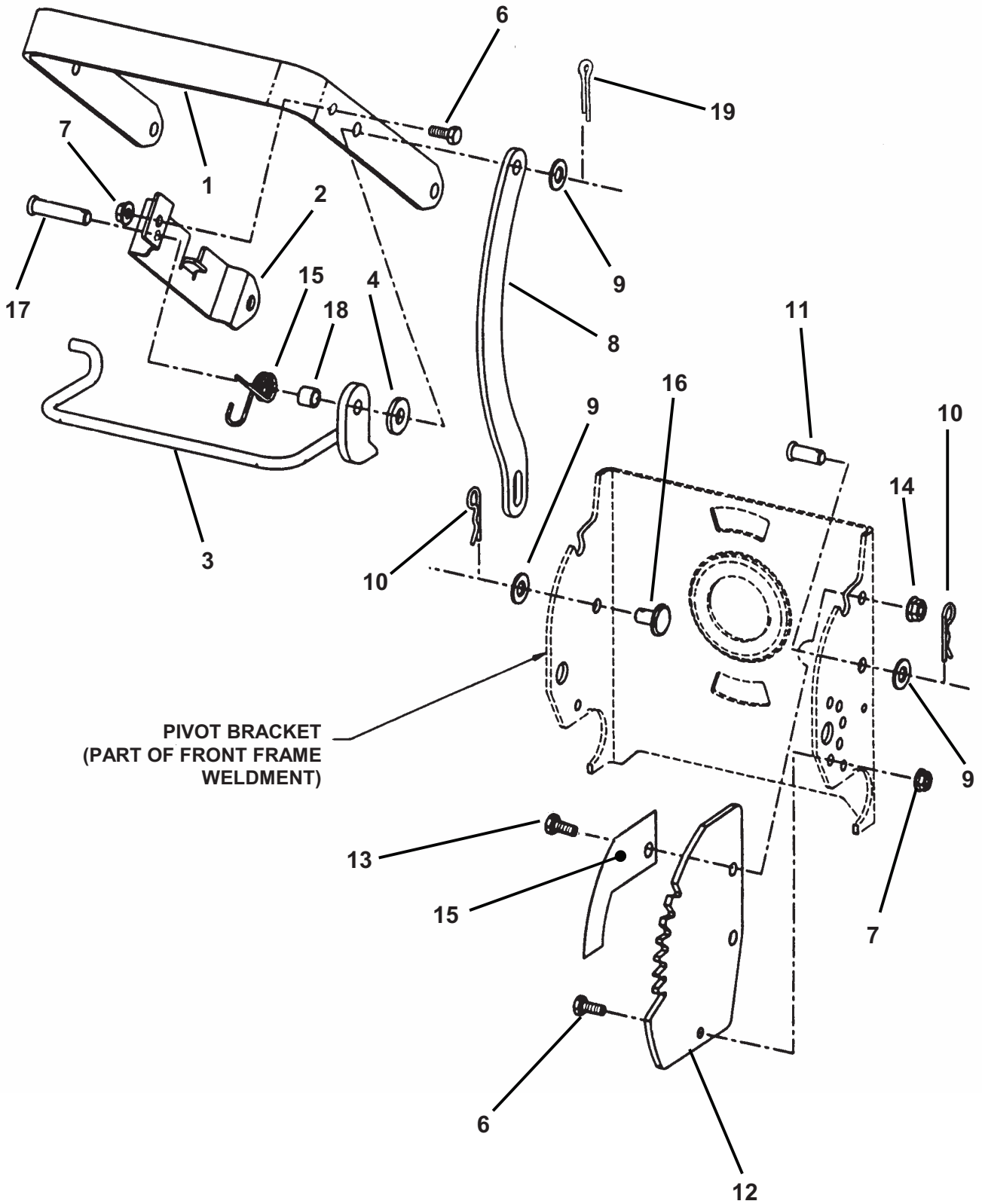




# CLUTCH ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	9-1735	SCREW, 7/16-20 x 8" Hex Head Cap
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, 5L Cogged 50.170" effective length
--	4-6997	V-BELT, 5L Cogged 49.44" effective length (48" Model)
6	2-9107	PULLEY, Jackshaft
--	4-6892	PULLEY, Jackstaff (48" Model)
7	9-1829	SETSCREW, 1/4-20 x 1/2" 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)
12	7-4572	BRACKET, Anti-Rotate
13A	2-9232	CLUTCH, Electric (Ogura) (12 V, 4 OHM)
13B	5-3740	CLUTCH, Electric (Warner) (12V, 3.3 AMP, 3.5 OHM)
14	9-1301	WASHER, 7/16" Split Lock
15	9-0460	NUT, 7/16-20 Hex, 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 (Ogura Clutch) (.125" thick)
--	3-5841	WASHER (Warner Clutch) (.750" thick)

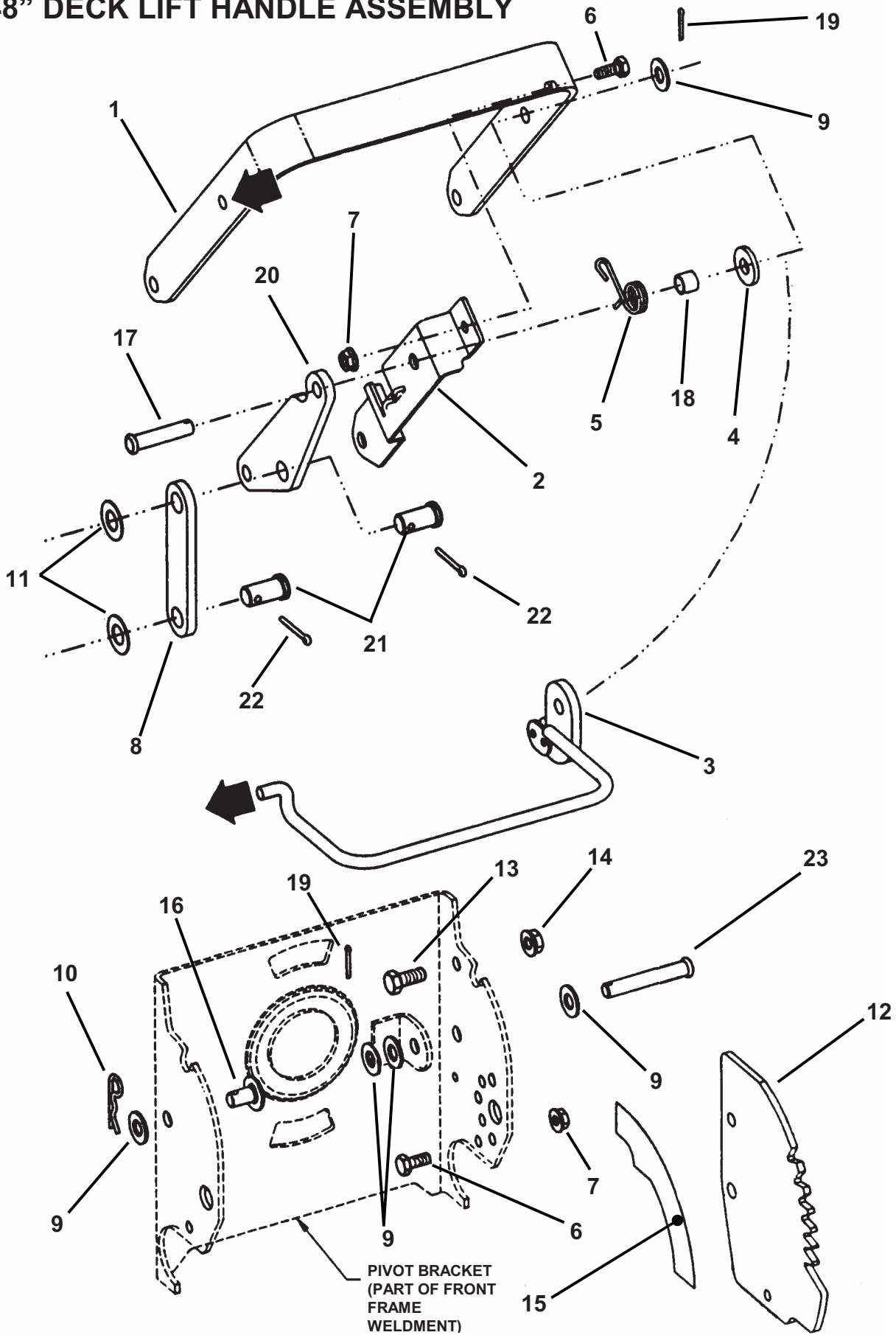
# DECK LIFT HANDLE ASSEMBLY (Except 48" Model)



## DECK LIFT HANDLE ASSEMBLY (Except 48" Model)

ITEM	PART NO.	DESCRIPTION
1	4-1924	HANDLE, Deck Lift
2	4-1925	BRACKET, Pivot Support
3	4-6220	LEVER, Deck Lift/Handle Release
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, Grade 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
13	9-1318	SCREW, 5/16-18 x 3/4" Hex Cap, Grade 5
14	9-1070	NUT, 5/16-18 Hex Flange Lock, Grade 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

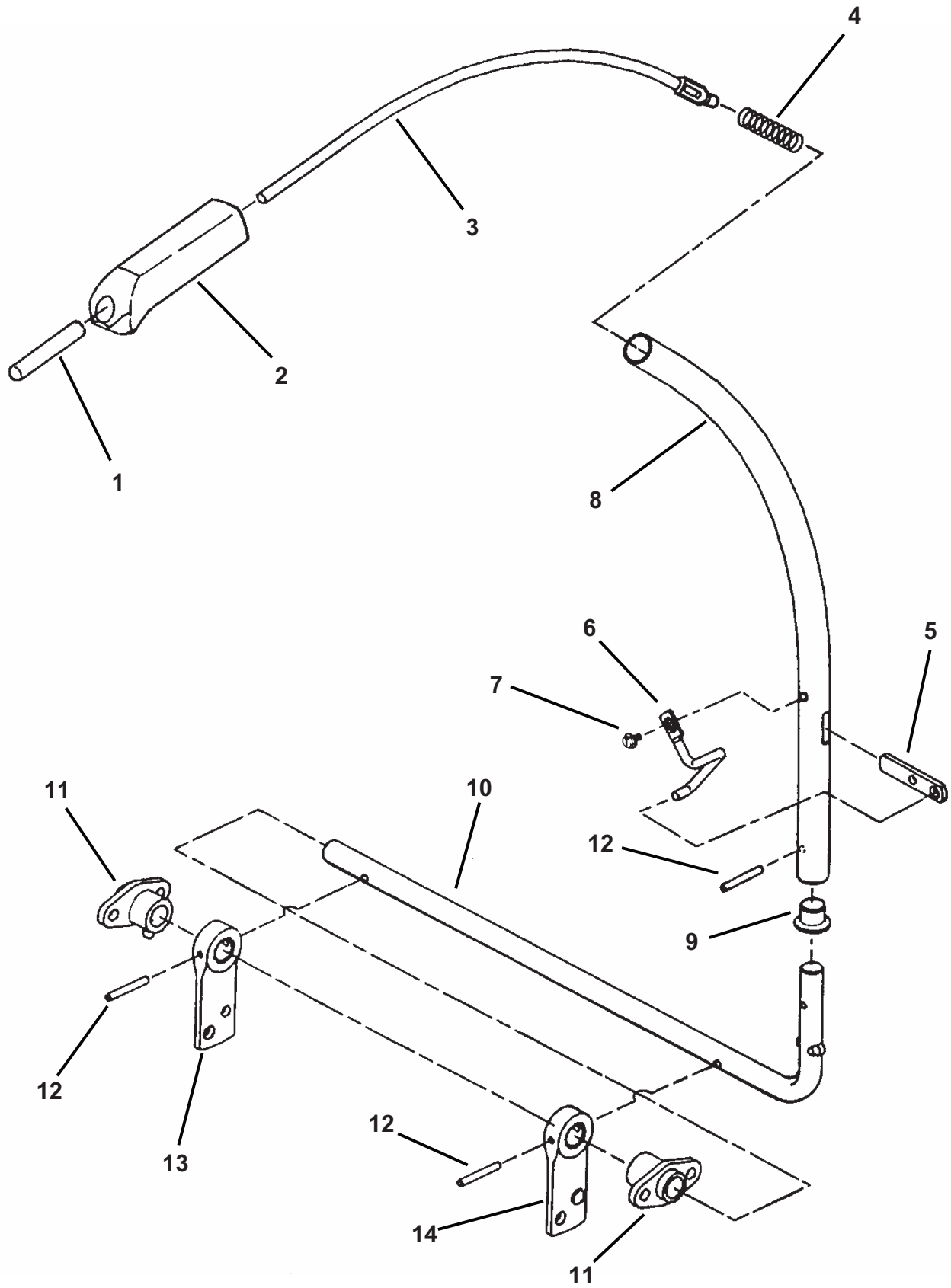
# 48" DECK LIFT HANDLE ASSEMBLY



## 48" DECK LIFT HANDLE ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	4-1924	HANDLE, Deck Lift
2	4-1925	BRACKET, Pivot Support
3	5-8090	WELDMENT, Deck Lift Handle
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, Grade 5 (2)
7	9-0583	NUT, 1/4-20 Hex Flange Lock (2)
8	4-7066	LINK, Connector
9	9-1514	WASHER, 3/8" Flat (5)
10	9-1503	HAIRPIN, 3/32 x 1-1/2" (2)
11	9-0667	WASHER, 1/2" SAE Flat (2)
12	5-8077	DETENT, Lift Handle
13	9-1318	SCREW, 5/16-18 x 3/4" Hex Cap, Grade 5
14	9-1070	NUT, 5/16-18 Hex Flange Lock, Grade 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 (1)
18	4-6490	SPACER
19	9-1597	PIN, 3/32" x 3/4" Cotter (2)
20	4-7067	PLATE, Connector Arm
21	9-1948	PIN, 1/2 x .725 Clevis (2)
22	9-0041	PIN, 1/8 x 1" Clevis (2)
23	1-3996	PIN, Clevis, 3/8 x 2.00

# BRAKE/CLUTCH LEVER ASSEMBLY

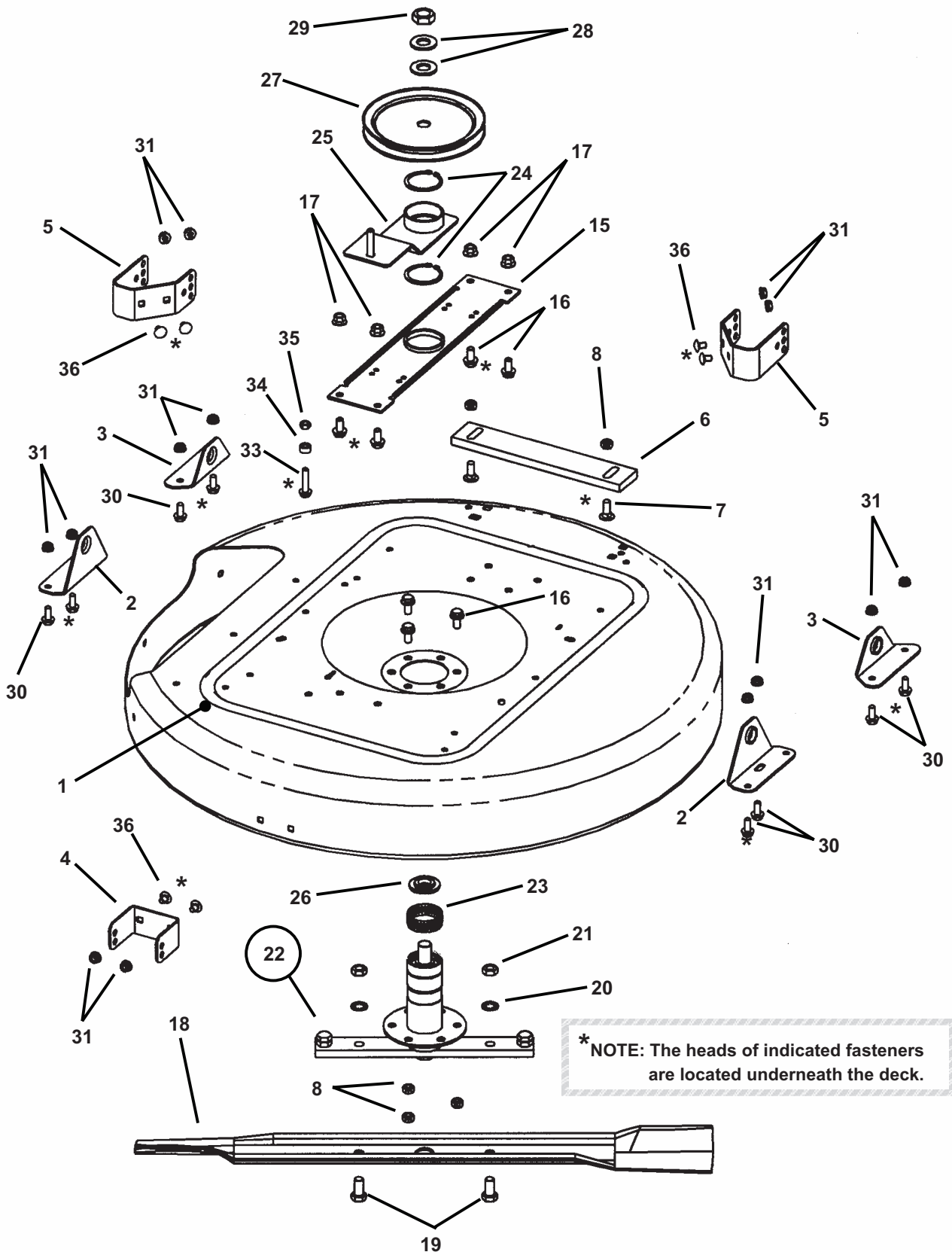


## BRAKE/CLUTCH LEVER ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	2-9383	GRIP, 5/16 x 2-1/2" Vinyl
2	3-5945	GRIP, Brake/Clutch Handle
3	5-8542	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" Slotted Hex Washer Head, Self-Tapping
8	5-8541	TUBE, Brake/Clutch Lever
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" DECK ASSEMBLY

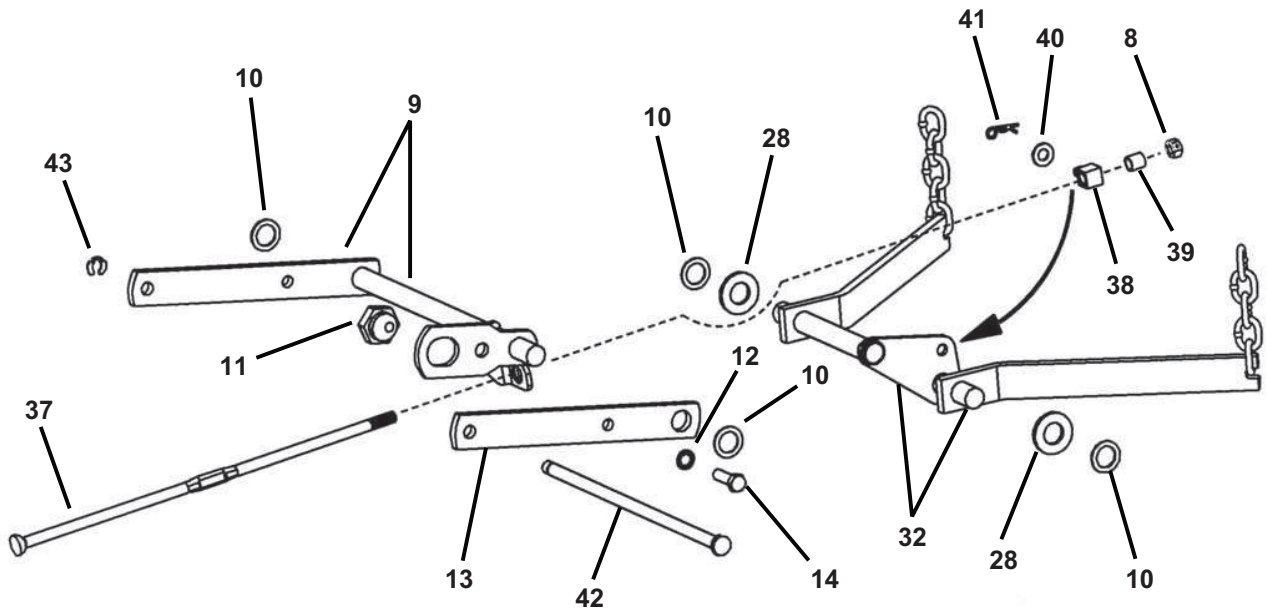
(page 1 of 4)





# 33" MOWER DECK ASSEMBLY

(page 2 of 4)

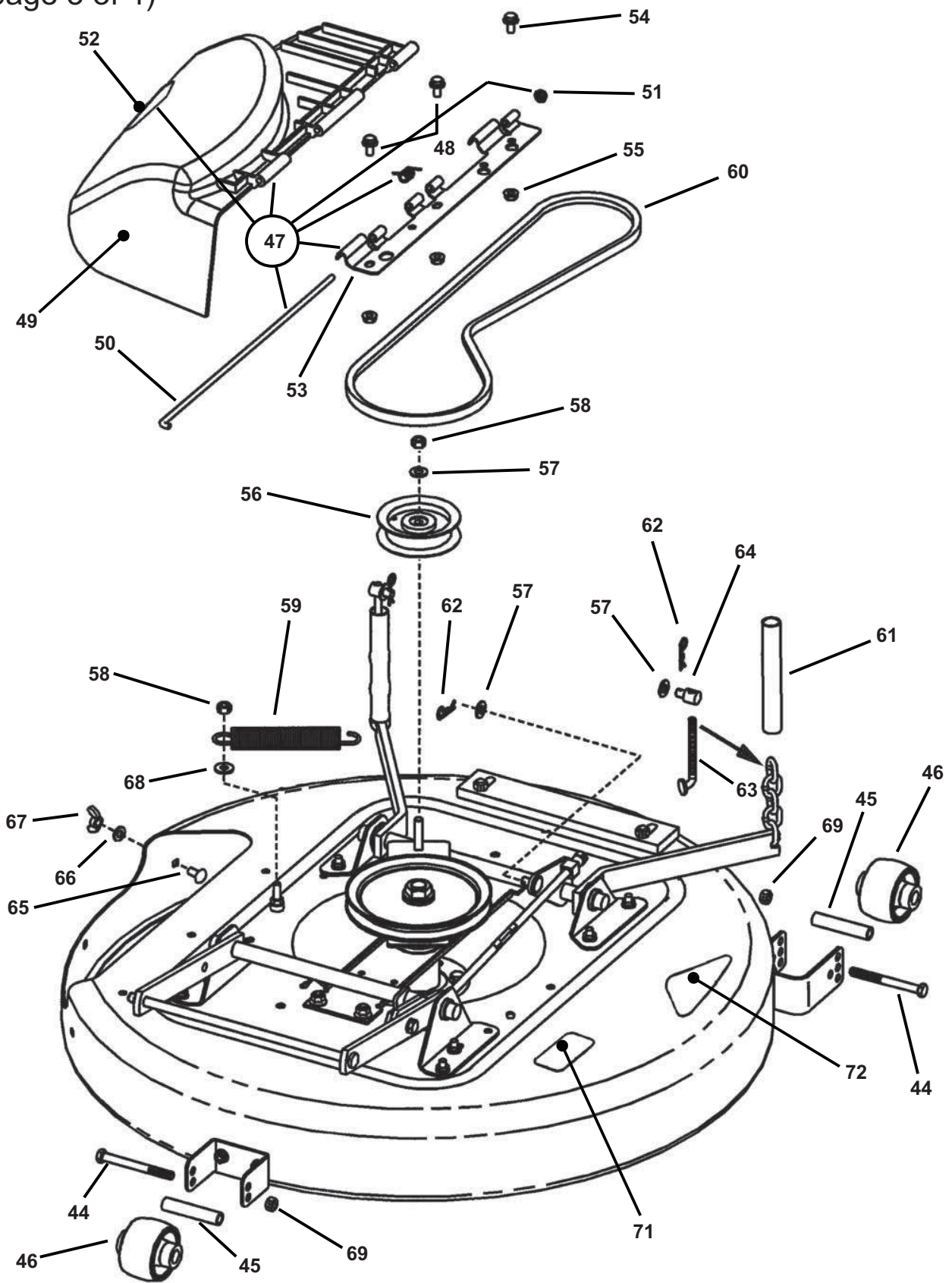


ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
--	5-4071	ASSEMBLY, 33" Deck (complete) (includes items 1-74)	21	9-0559	NUT, 1/2-20 Hex Jam (2)
1	6-1956*	DECK, 33" Replacement Structure	22	5-2917	ASSEMBLY, Spindle (see pg.40)
2	3-4866	BRACKET, Deck Lift Slotted (2)	23	1-2670	RING, 2" Tolerance
3	3-4867	BRACKET, Deck Lift (2)	24	1-0740	RING, 2" Retaining (2)
4	3-3570	BRACKET, Anti-Scalp Adj. Front	25	4-2587	ARM, Idler (weldment)
5	3-3571	BRKT., Anti-Scalp Adj. Side (2)	26	1-4407	WASHER, Spindle
6	3-6579	BAR, Weight Rear	27	2-6558	PULLEY, Spindle 7" O.D.
7	9-0747	BOLT, 3/8-16 x 1" Carriage (2)	28	3-2028	WASHER, 25/32" Flat (4)
8	9-0546	NUT, 3/8-16 Hex Center Lock (6)	29	7-4467	NUT, 3/4-16 Hex Jam, Grade 8
9	4-2586	ARM, Front Lift (weldment)	30	9-0595	BOLT, 5/16-18 x 3/4" Hex Flange Lock (8)
10	1-0935	WASHER, 3/4" (4)	31	9-0585	NUT, 5/16-18 Hex Fl. Lock (14)
11	1-5447	ECCENTRIC, Leveling (3/8-24 thread)	32	4-2585	ARM, Rear Lift (weldment)
12	9-0390	WASHER, 3/8" Internal Tooth Lock	33	9-0700	BOLT, 5/16-18 x 1-1/2" Hex Flange Lock, Grade 5
13	3-4815	ARM, Front Lift	34	2-8620	SPACER, 11/32"
14	9-0163	SCREW, 3/8-24 x 1-1/4" Hex Head Cap	35	9-1067	NUT, 5/16-18 Hex Lock
15	3-8018	BRACE, Spindle	36	9-0004	BOLT, 5/16-18 x 1/2" Short Neck Carriage (6)
16	9-1588	BOLT, 3/8-16 x 3/4" Hex Flange Lock, Grade 5 (7)	37	3-5495	ROD, Cutting Deck Timing
17	9-0613	NUT, 3/8-16 Hex Flange Lock (4)	38	2-4586	SWIVEL, Brake Link PM
18	3-4168	BLADE, 33" High Lift	39	2-1815	SPACER, 25/64"
19	9-0392	SCREW, 1/2-20 x 1" Hex Head Cap, Grade 5 (2)	40	9-0122	WASHER, 3/8"
20	9-0509	WASHER, 1/2" Internal Tooth Lock (2)	41	1-6231	HAIRPIN, #13
			42	2-2717	ROD, Deck Support
			43	1-7847	RING, 7/16" Snap

**\*NOTE: 6-1956 is a painted deck with decals 2-2991, 2-6831 and 4-6720.**

# 33" MOWER DECK ASSEMBLY

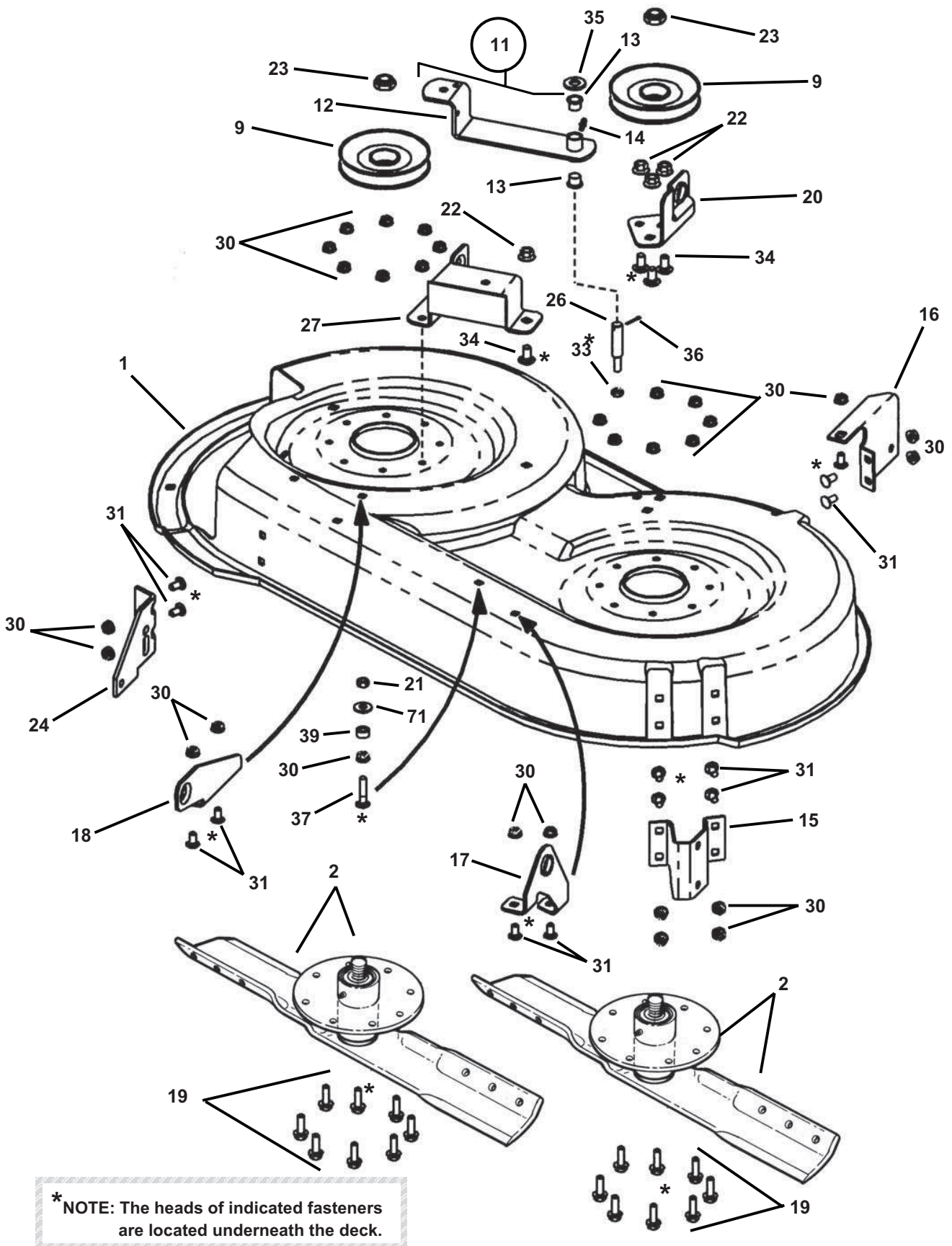
(page 3 of 4)



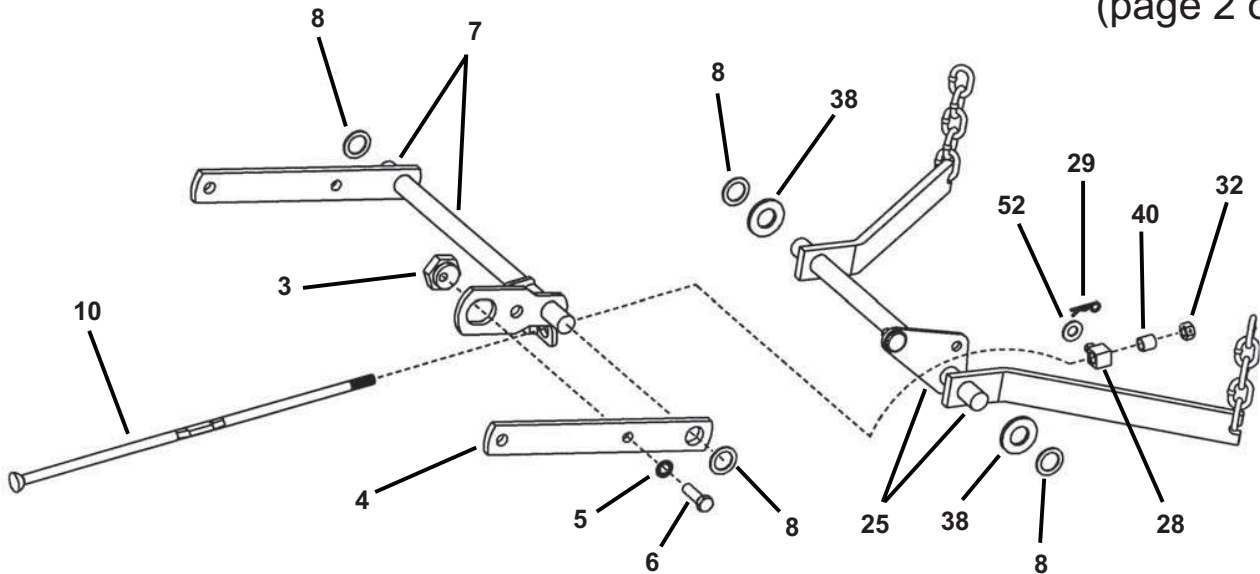
## 33" MOWER DECK ASSEMBLY (page 4 of 4)

ITEM	PART NO.	DESCRIPTION
44	9-1532	SCREW, 3/8-24 X 3/4" Hex Head Cap, Grade 5 (3)
45	1-5272	SPACER, 3" Long (3)
46	1-9190	WHEEL, Gage (3)
47	5-2555	ASSEMBLY, 28" & 33" Discharge Chute (includes 48 thru 53)
48	1-6341	SPRING, Hinge
49	2-6233	CHUTE, Discharge
50	2-6234	ROD, Chute
51	2-6483	WASHER, Palnut (for 1/4" rod)
52	2-6831	DECAL, CPSC
53	3-3780	HINGE, Plastic Side Chute
54	9-1811	BOLT, 5/16-18 x 5/8" Hex Flange Lock, Grade 5 (3)
55	9-1601	NUT, 5/16-18 Hex Flange Lock, Grade 5 (3)
56	2-7717	IDLER, 4" Outside Diameter Flat
57	9-1514	WASHER, 11/32" Flat (4)
58	9-1585	NUT, 3/8-16 Hex Center Lock
59	3-5969	SPRING, External
60	3-5389	V-BELT, HA Section, 55.2" Effective Length
61	2-8021	COVER, Chain (2)
62	9-1503	HAIRPIN, 3/32 x 1-1/2" (3)
63	2-8728	ADJUSTER, Chain (2)
64	2-8200	SWIVEL, Adjustable (2)
65	9-1508	BOLT, 5/16-18 x 3/4" Short Neck Carriage, Grade 5
66	9-1296	WASHER, 11/32" Flat
67	9-0492	NUT, 5/16-18 Wing
68	9-1528	WASHER, 3/8" Flat
69	9-1600	NUT, 3/8-24 Hex Center Lock (3)
70	1-4852	DECAL, Caution
71	1-6973	DECAL, Caution
72	2-2991	DECAL, Hi-Vac

# 38" MOWER DECK ASSEMBLY (page 1 of 4)



## 38" MOWER DECK ASSEMBLY (page 2 of 4)

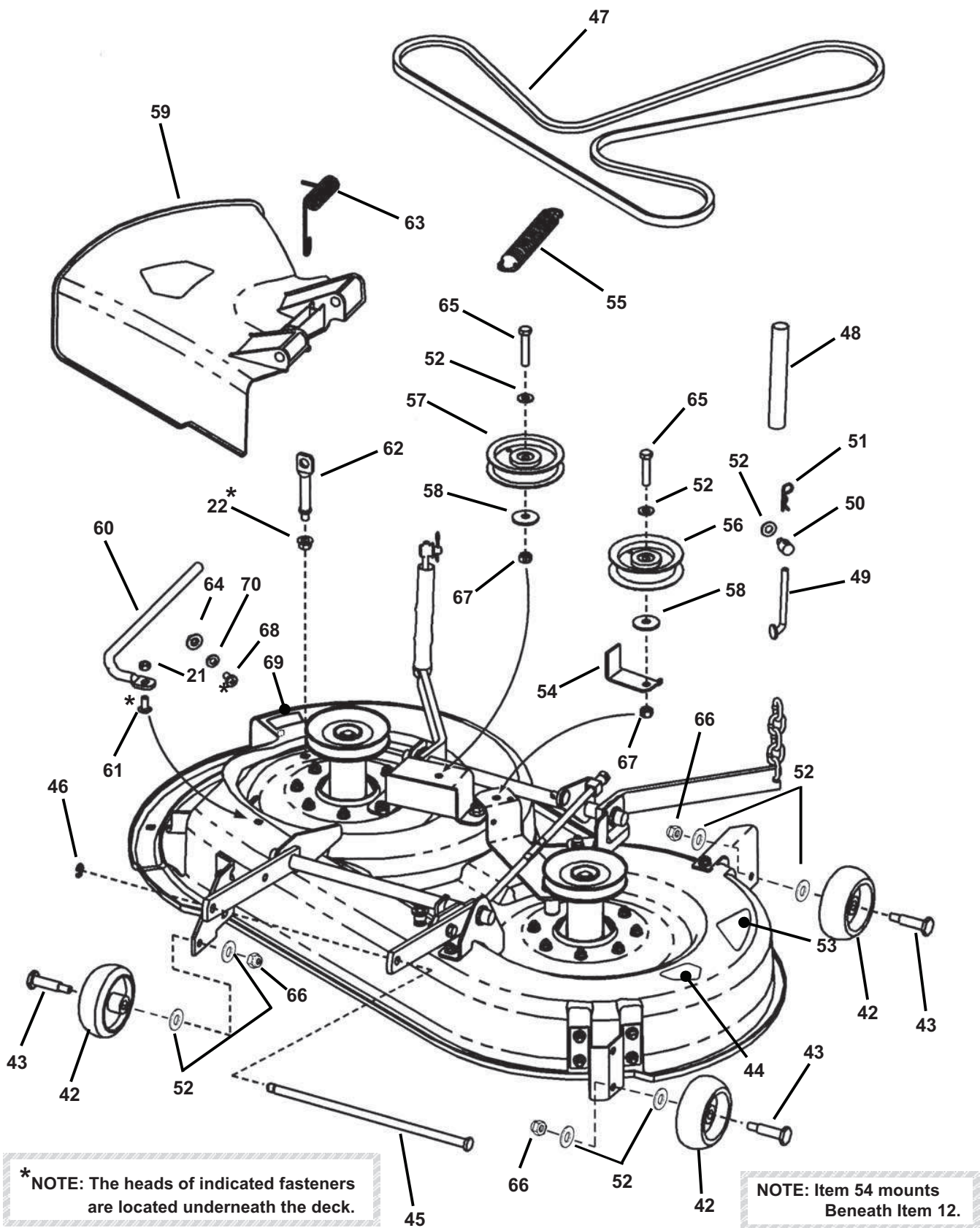


ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1	6-1957	DECK, Painted Shell w/Decals	22	9-0613	NUT, 3/8-16 Hex Flange Lock (3)
2	5-4513	ASSEMBLY, Spindle (see page 41 for breakdown) (2)	23	9-1006	NUT, 5/8-18 Hex Nyloc (2)
3	1-5447	ECCENTRIC, Leveling (3/8-24)	24	3-5494	BRACKET, Gage Wheel
4	3-4815	LIFT ARM, Front	25	4-2585	TIMING ARM, Rear (weldment)
5	9-0390	WASHER, 3/8" Internal Tooth Lk. Head Cap, Grade 5	26	4-2964	STUD, Idler (5/16-24 thread)
6	9-0163	SCREW, 3/8-24 x 1-1/4" Hex	27	4-4648	BRACKET, Stationary Idler
7	4-2586	LIFT ARM, Front (weldment)	28	2-4586	SWIVEL, Brake Link
8	1-0935	WASHER, 3/4" x 1-1/8" Flat (4)	29	1-6231	HAIR PIN, #13
9	2-9213	PULLEY, 4-1/2" O. D., A/B Groove (2)	30	9-0585	NUT, 5/16-18 Hex Flange Lock, Grade 5 (19)
10	3-5495	ROD, Cutter Deck Timing(3/8-16)	31	9-1026	BOLT, 5/16-18 x 5/8" Short Neck Carriage, Grade 5 (13)
11	5-8440	ASS'Y, Idler Arm (incl. 12-14)	32	9-0546	NUT, 3/8-16 Hex Center Lock, Grade 5
12	5-8439	WELDMENT, Idler Arm	33	1-1201	NUT, 5/16-24 Hex Center Lock
13	1-1016	BUSHING, 1/2" Nylon (2)	34	9-1547	BOLT, 3/8-16 x 3/4" Short Neck Carriage, Grade 5 (3)
14	1-3864	LUBE FITTING, 3/16" Press Fit	35	9-1587	WASHER, 1/2" x 1-1/16" Flat (3)
15	3-3756	BRACKET, Gage Wheel	36	9-1082	COTTER-PIN, 3/32 x 3/4"
16	3-3891	BRACKET, Left Hand Wheel	37	9-0958	BOLT, 5/16-18 x 1-1/2" Short Neck Carriage, Grade 5
17	3-4861	BRK'T, 38" Deck Lift, LH Front	38	3-2028	WASHER, 3/4" x 1-1/2" Flat (2)
18	3-4863	BRK'T, 38" Deck Lift, RH Front	39	2-8620	SPACER, .340 I. D. x .630 O. D. x .310 Thick
19	9-0636	SCREW, 5/16-18 x 1" Hex Head Cap, Grade 5 (6)	40	2-1815	SPACER, .391 I. D. x .520 O. D. x .531 Thick
20	3-5566	BRK'T, Left Hand Rear Lift Arm			
21	9-1575	NUT, 5/16-18 Hex Center Lock Grade 5 (2)			

**NOTE: 5-4128, 38" Deck Assembly includes items 1 thru 40 as well as items 44, 53 & 69.**

# 38" MOWER DECK ASSEMBLY

(page 3 of 4)

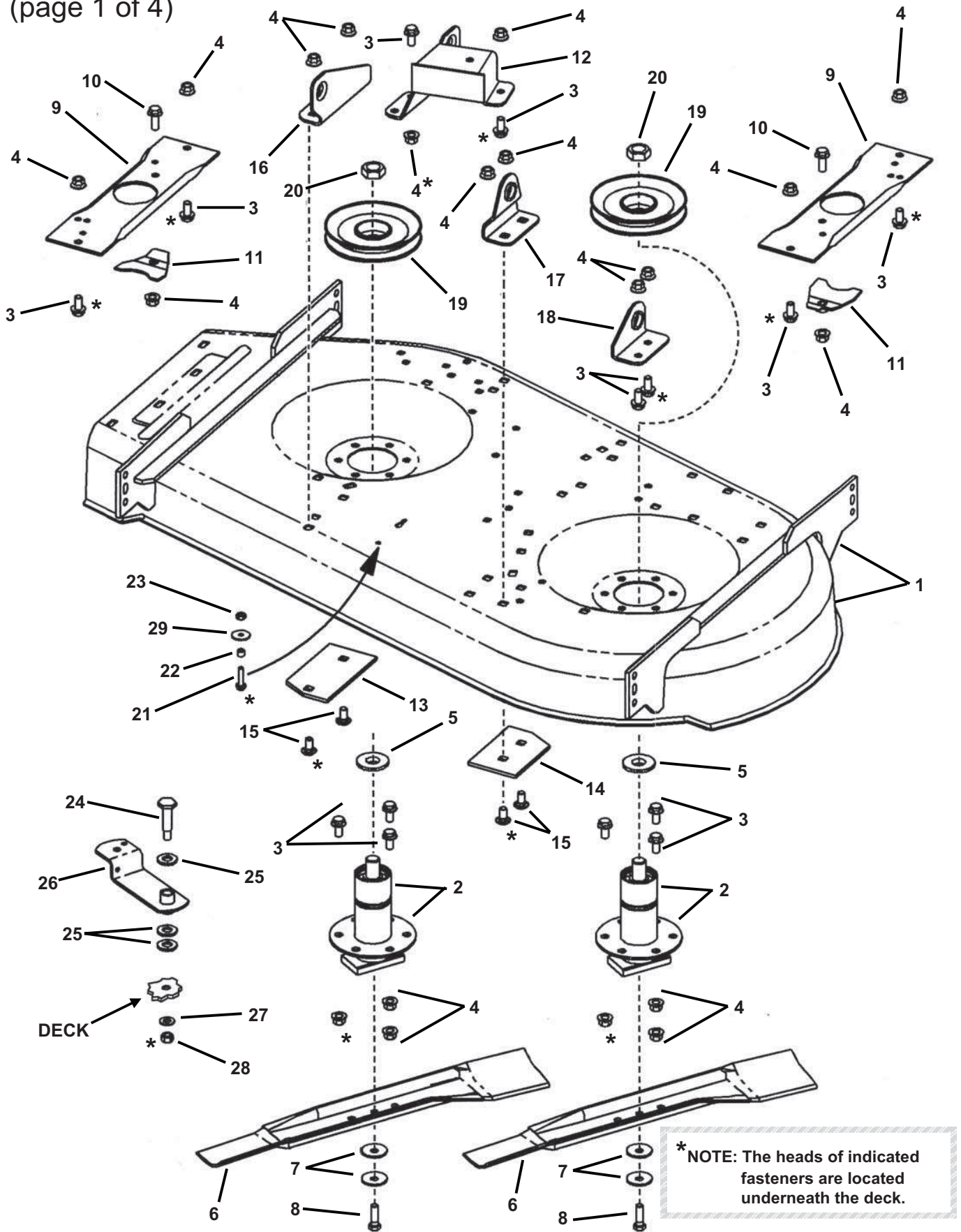


## 38" MOWER DECK ASSEMBLY (page 4 of 4)

ITEM	PART NO.	DESCRIPTION
42	2-6122	WHEEL, 4 x 1-1/2" Offset (3)
43	9-1526	SHOULDER BOLT, 3/8-24 (3)
44	2-6831	DECAL, CPSC- Heavy Adhesive
45	2-2717	ROD, Deck Support
46	1-7847	RING, .438 External Retaining
47	2-9308	V-BELT, HA Section 89.8" Effective Length
48	2-8021	COVER, Chain (2)
49	2-8728	ADJUSTER, Chain (2)
50	2-8200	SWIVEL, Adjustable (2)
51	9-1503	HAIR PIN, 3/32 x 1-1/2" (3)
52	9-1514	WASHER, 3/8" I. D. x 13/16" O. D. Flat (13)
53	2-6154	DECAL, 38" Deck
54	3-6561	BELT GUIDE, 38/42" Decks
55	3-5969	SPRING, Extension
56	2-4452	IDLER, 4" O. D. Flat
57	7-2319	IDLER, 4-1/8" O. D. Flat
58	1-2063	WASHER, Cone (2)
59	2-9425	CHUTE, Discharge
60	3-5502	ROD, Pivot, Side Discharge
61	9-1508	BOLT, 5/16-18 x 3/4" Short Neck Carriage, Grade 5
62	3-5503	ROD, Mounting, Side Discharge
63	3-5813	SPRING, Torsion- Side Discharge
64	3-6543	TEENUT, 5/16-18 Thread
65	9-1560	SCREW, 3/8-16 x 2-1/4" Hex Head Cap, Grade 5
66	9-0289	NUT, 3/8-24 Hex Center Lock, Grade 5 (3)
67	9-1585	NUT, 3/8-16 Hex Center Lock, Grade 5 (2)
68	9-1833	SCREW, 5/16-18 x 5/8" Pan Head
69	4-6720	DECAL, Chute/Deflector Warning
70	9-1296	WASHER, 5/16" I. D. x 11/16" O. D.
71	9-1528	WASHER, 3/8" I. D. x 7/8" O. D. Flat

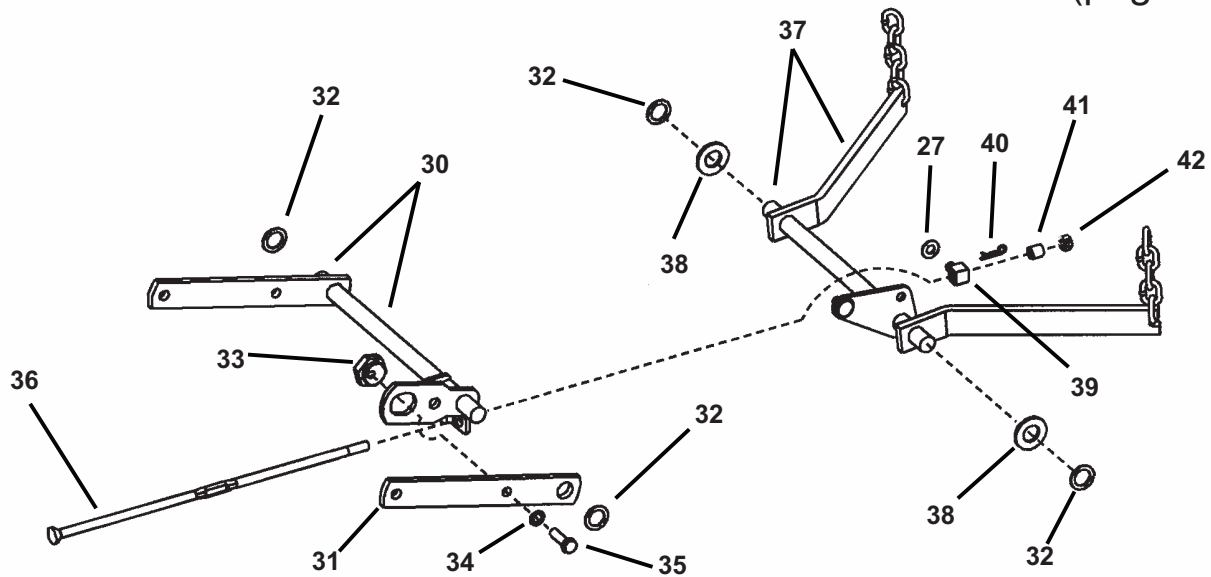
# 42" MOWER DECK ASSEMBLY

(page 1 of 4)





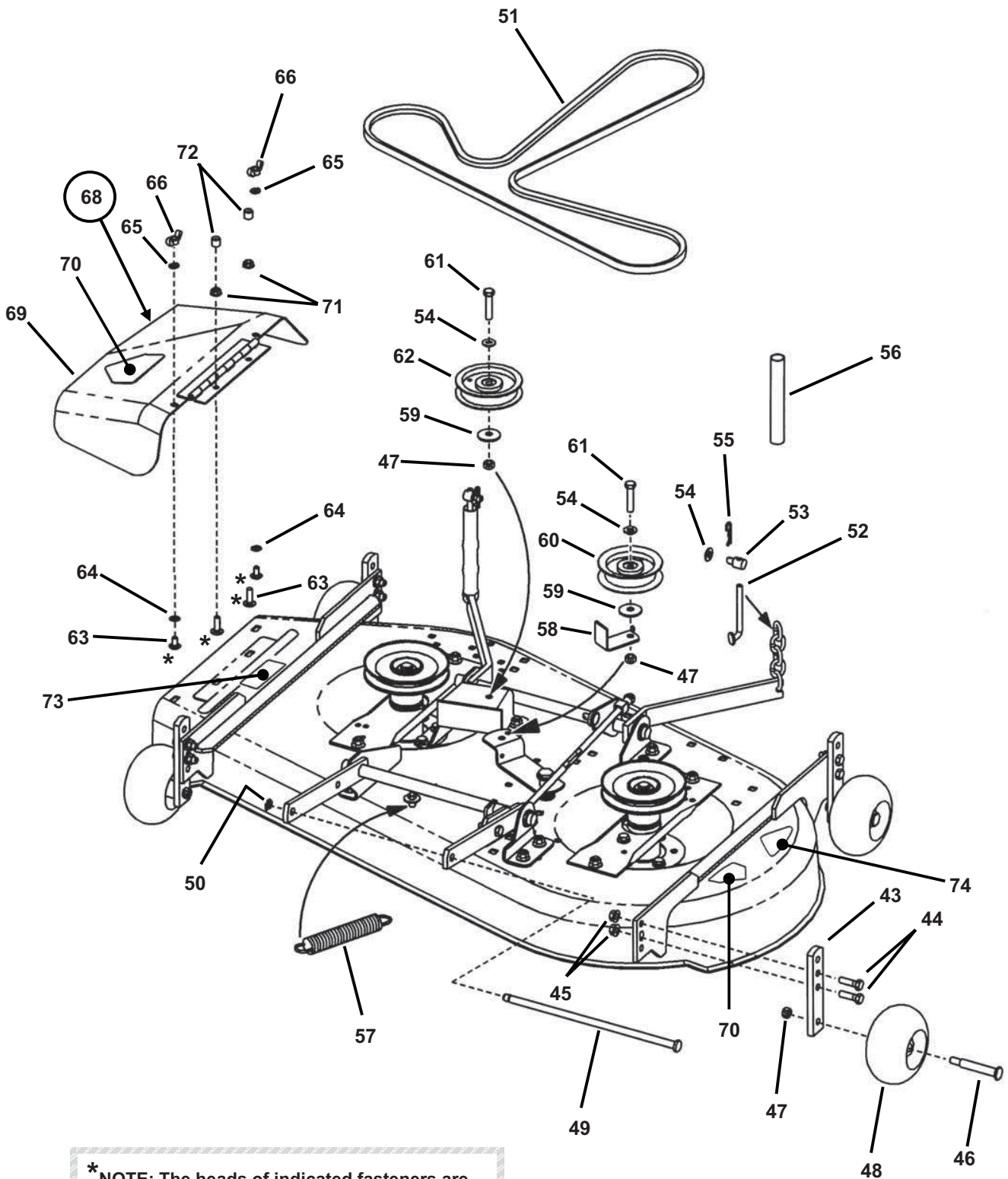
## 42" MOWER DECK ASSEMBLY (page 2 of 4)



ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1	6-1958	DECK, Painted Shell w/Decals	21	9-0872	BOLT, 1/4-20 x 1-1/8, Grade 5
2	5-9723	ASSEMBLY, Spindle Brake (2)	22	1-0916	SPACER, .26 x .3
3	9-1588	BOLT, 3/8-16 x 3/4" Hex Flange Lock, Grade 5 (14)	23	9-0372	NUT, 1/4-20 Hex Center Lock
4	9-0613	NUT, 3/8-16 Hex Fl. Lock (18)	24	9-1526	SHOULDER BOLT, 3/8-24 x 5/8"
5	1-4407	WASHER, Spindle (2)	25	9-1587	WASHER, 1/2" I.D. x 1-1/16" O.D. Flat (3)
6	2-6691	BLADE, 21" Standard Lift (2)	26	4-2650	IDLER ARM
7	1-2063	WASHER, Cone (5)	27	9-0122	WASHER, 3/8 Flat (2)
8	9-0824	SCREW, 3/8-24 x 1-1/4" Hex Head Cap, Grade 5 (2)	28	9-0289	NUT, 3/8-24 Hex Center Lock
9	3-3366	BRACE, Spindle (2)	29	1-4241	WASHER, 1/4" Flat
10	9-0582	BOLT, 3/8-16 x 1" Hex Flange Lock (2)	30	4-2586	LIFT ARM, Front (weldment)
11	5-1747	ASSEMBLY, Spindle Lock (2)	31	3-4815	LIFT ARM, Front
12	4-4651	IDLER, Stationary	32	1-0935	WASHER, 3/4" x 1-1/8" (4)
13	4-2811	REINFORCEMENT, R.H.	33	1-5447	ECCENTRIC, Leveling
14	4-2812	REINFORCEMENT, L.H.	34	9-0390	WASHER, 3/8" Int. Tooth Lock
15	9-0850	BOLT, 3/8-16 x 3/4" Short Neck Carriage, Grade 5 (4)	35	9-0163	SCREW, 3/8-24 x 1-1/4" Hex Head Cap
16	3-5982	BRACKET, R.H. Front Lift	36	3-5495	ROD, Cutter Deck Timing
17	3-5983	BRACKET, L.H. Front Lift	37	4-2585	LIFT ARM, Rear (weldment)
18	3-5985	BRACKET, L.H. Rear Lift	38	3-2028	WASHER, 3/4 I.D. x 1-1/2" O.D. Flat (2)
19	3-6437	PULLEY, 5-1/4" (2)	39	2-4586	SWIVEL, Brake Link
20	74467	NUT, 3/4-16 Hex Flange Jam, Grade 8 (2)	40	1-6231	HAIR PIN, #13
			41	2-1815	SPACER, MF1200
			42	9-0546	NUT, 3/8-16 Hex Center Lock

**NOTE: 5-4343, 42" Deck Sub-Assembly includes items 1 thru 42 as well as items 70, 73 & 74.**

# 42" MOWER DECK ASSEMBLY (page 3 of 4)



**\* NOTE:** The heads of indicated fasteners are located underneath the deck.

## 42" MOWER DECK ASSEMBLY (page 4 of 4)

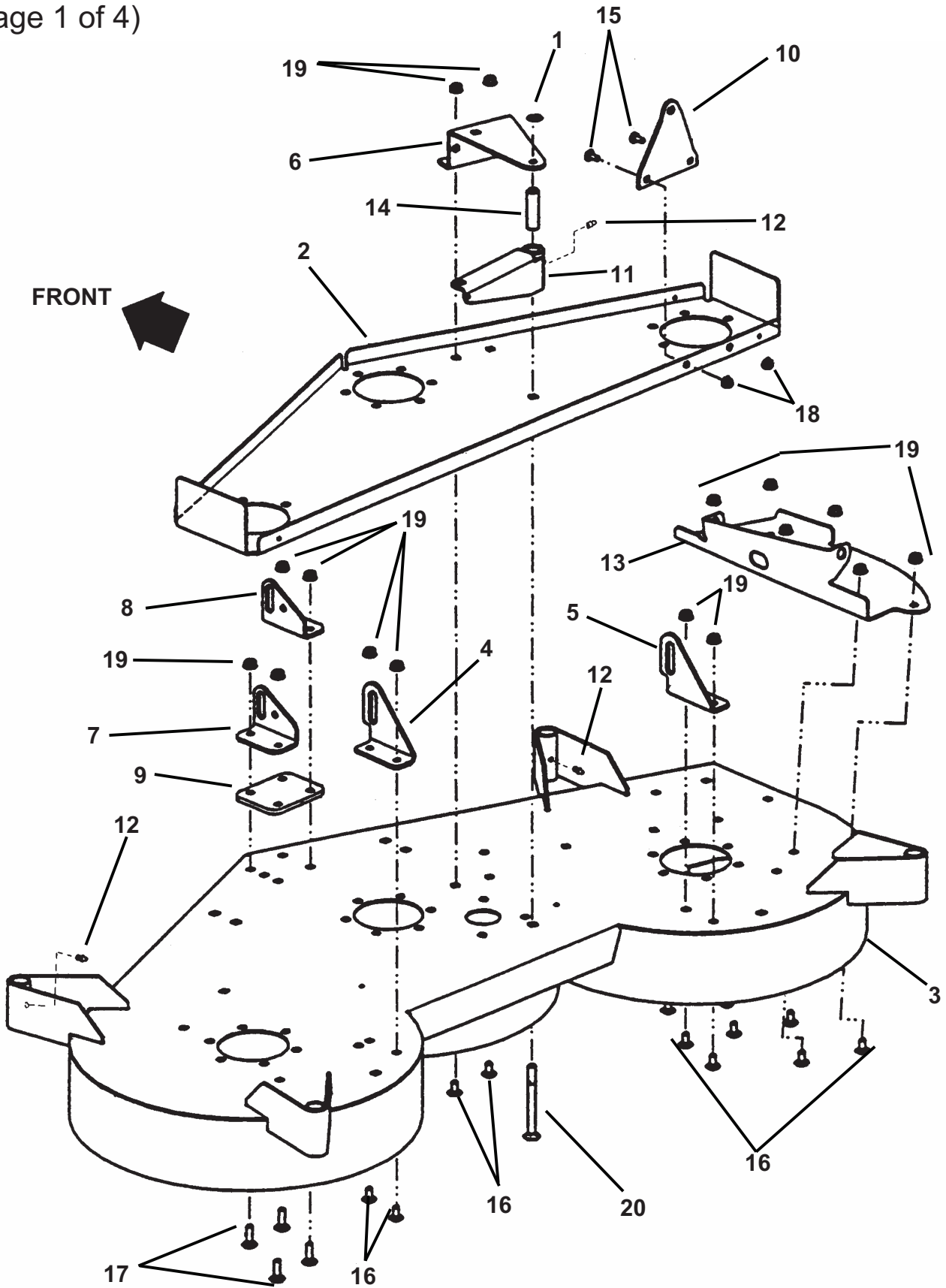
ITEM	PART NO.	DESCRIPTION
43	3-5835	POST, Anti-Scalp (4)
44	9-1328	SCREW, 3/8-16 x 1-1/4" Hex Head Cap, Grade 5 (8)
45	9-1619*	NUT, 3/8-16 Hex Flange (8)
46	2-9265	BOLT, 3/8-16 x 2-5/8" Shoulder (4)
47	9-1585	NUT, 3/8-16 Hex Center Lock (6)
48	2-9264	GAUGE WHEEL (4)
49	2-2717	ROD, Deck Support
50	1-7847	RING, 7/16" External Retaining
51	7-5235	BELT, HA, 94.5" Effective Length
52	2-8728	ADJUSTER, Chain (2)
53	2-8200	SWIVEL, Adjustable (2)
54	9-1514	WASHER, 13/32" Flat (7)
55	9-1503	HAIR PIN, 3/32 x 1-1/2" (3)
56	2-8021	COVER, Chain (2)
57	3-5969	SPRING, External
58	3-6561	GUIDE, 38"/42" Idler Belt
59	1-2063	WASHER, Cone (2)
60	2-7717	IDLER, 4" Outside Diameter, Flat
61	9-1553	SCREW, 3/8-16 x 1-3/4" Hex Head Cap (2)
62	1-8574	IDLER, 4.12" Outside Diameter, Flat
63	9-0799	BOLT, 5/16-18 x 5/8" Short Neck Carriage, Grade 5 (2)
64	1-1791	RETAINER, 5/16" Bolt (2)
65	9-1315	WASHER, 5/16" Split Lock (2)
66	9-1537	NUT, 5/16-18 Wing Lock (2)
67	9-1303	BOLT, 5/16-18 x 1" Short Neck Carriage, Grade 5 (2)
68	5-1401	ASSEMBLY, Chute & Decal (Includes 69 & 70)
69	4-0497	CHUTE, Side (weldment)
70	2-6831	DECAL, CPSC Heavy Adhesive
71	9-1601	NUT, 5/16-18 Hex Flange Lock (2)
72	2-3606	CAP, Vinyl (2)
73	4-6720	DECAL, Chute/Deflector
74	2-4910	DECAL, 42 Inch

**\*NOTE: 9-1619 is the same as 9-0613 (Item 4) except for the finish.**

**NOTE: 5-4315, 42" Deck Assembly includes items 1 thru 74 except for items 49, 50, 54 & 56.**

# 48" MOWER DECK SUB-ASSEMBLY

(page 1 of 4)



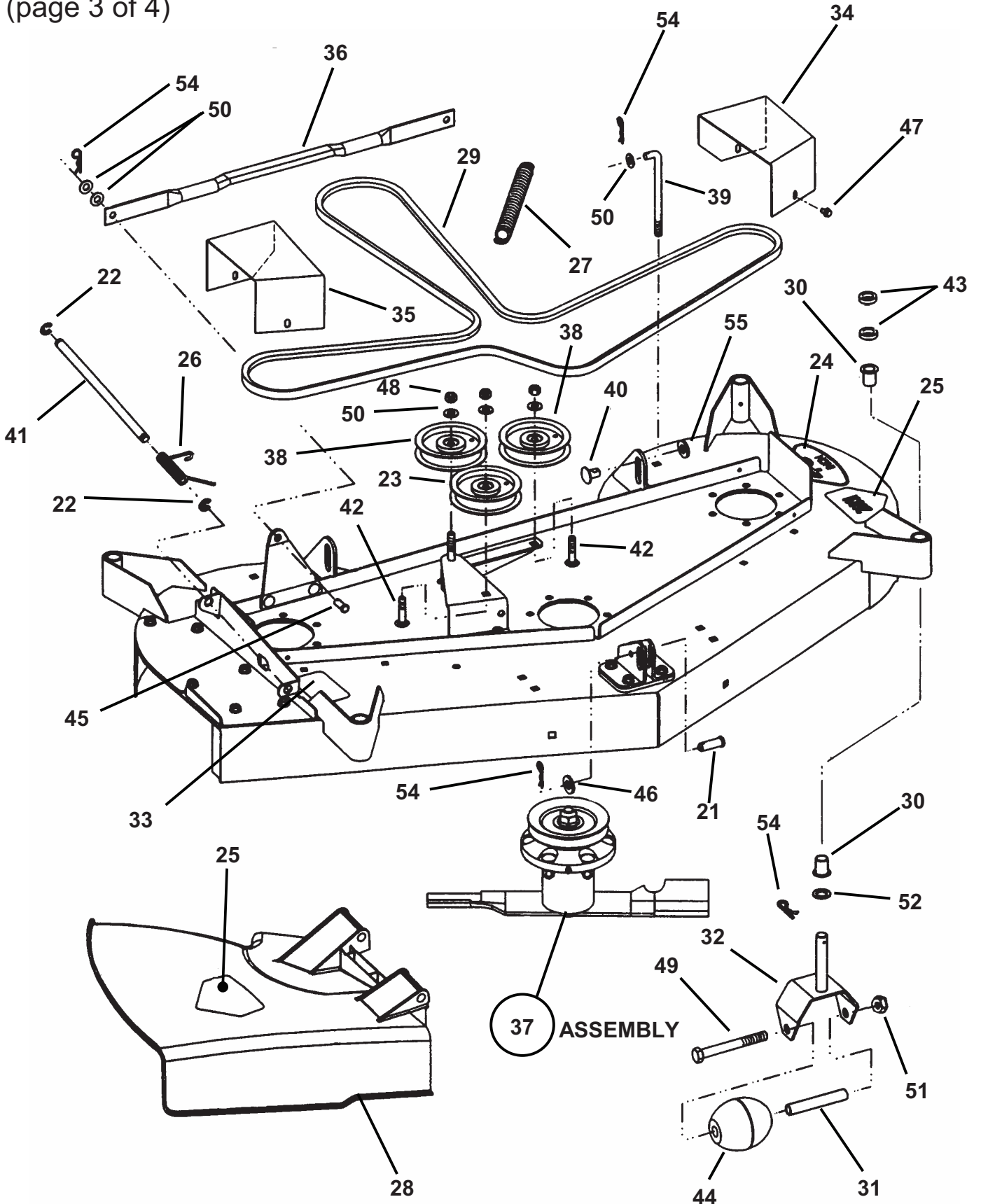
## 48" MOWER DECK SUB-ASSEMBLY (page 2 of 4)

ITEM	PART NO.	DESCRIPTION
1	1-3847	RETAINER, 3/8" Bolt
2	4-6609	STIFFENER, Deck
3	4-6611	WELDMENT, 48" Deck
4	4-7047	HANGER, R.H. Rear
5	4-7048	HANGER, L.H. Rear
6	4-7049	BRACKET, Pulley Mounting
7	4-7200	BRACKET, L.H. Front Lift
8	4-7206	BRACKET, R.H. Front Lift
9	4-7207	SPACER, 48" Deck Hanger
10	5-8369	PLATE, 48" Anchor (weldment)
11	5-8076	ASSEMBLY, Idler Arm/Lube Fitting (includes 4-6706, Idler Arm Weldment and one item 12)
12	1-3864	FITTING, 3/8" Lube (serrated) (5)
13	5-8119	BRACKET, Hinge (48" Deck)
14	7-1698	SPACER, Pivot Collar
15	9-0551	BOLT, 1/4-20 x 5/8" Short Neck Carriage (2)
16	9-0799	BOLT, 5/16-18 x 5/8" Short Neck Carriage, Grade 5 (12)
17	9-1303	BOLT, 5/16-18 x 1" Short Neck Carriage, Grade 5 (4)
18	9-1584	NUT, 1/4"-20 Hex Flange Lock, Grade 5 (2)
19	9-1601	NUT, 5/16-18 Hex Flange Lock, Grade 5 (16)
20	9-1888	BOLT, 3/8-16 x 4" Square Neck Carriage, Grade 5

**NOTE: 5-7776, 48" Deck Sub-Assembly includes items 1 thru 20 as well as items 24, 25 & 33.**

# 48" MOWER DECK ASSEMBLY

(page 3 of 4)



# 48" MOWER DECK ASSEMBLY

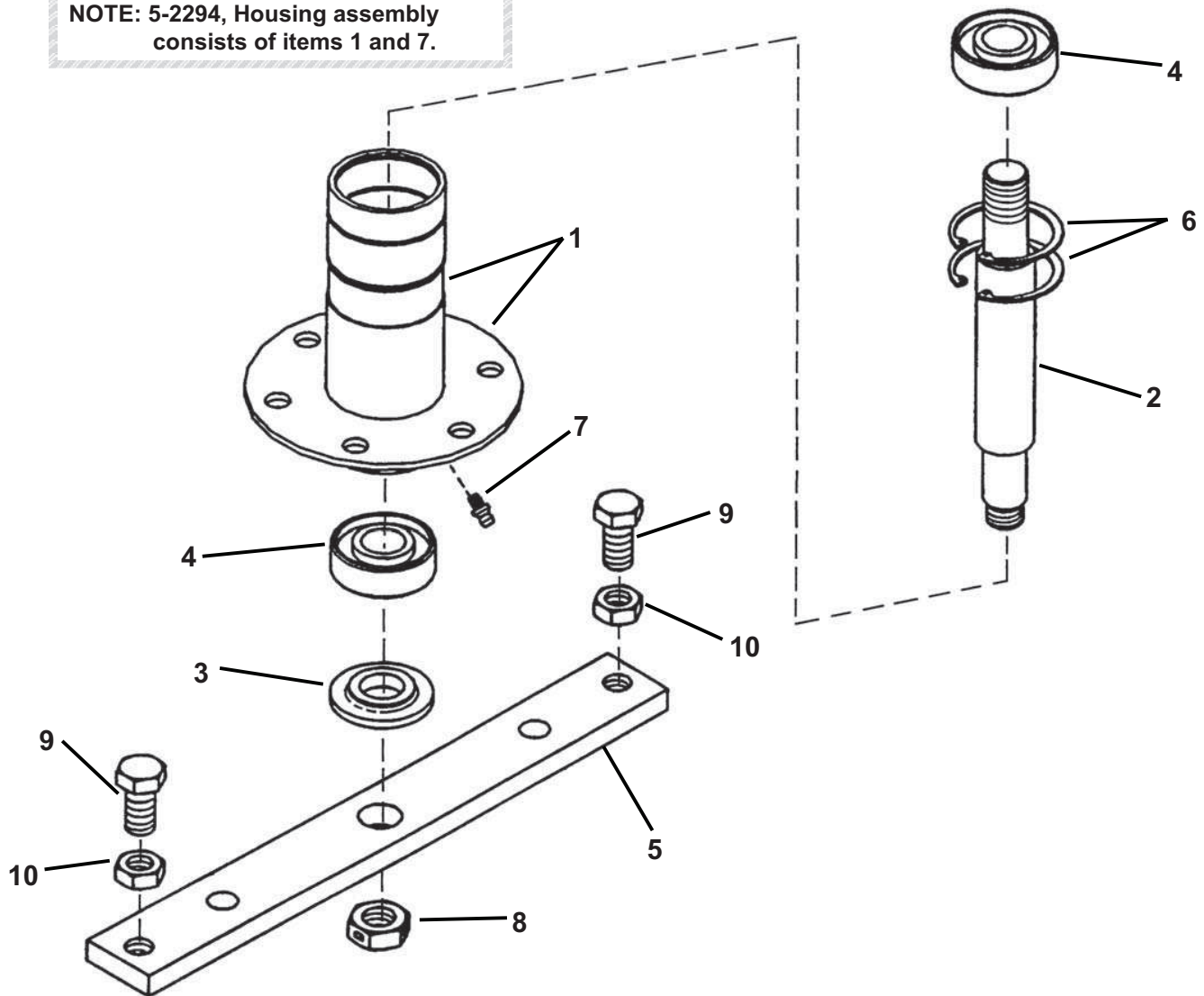
(page 4 of 4)

ITEM	PART NO.	DESCRIPTION
21	1-2951	PIN, 1/2 x 1-3/8" Clevis
22	1-4341	RING, External Retaining (2)
23	1-8574	IDLER, 4.12" Flat
24	2-4431	DECAL, 48" Deck
25	2-6831	DECAL, CPSC (2)
26	3-5813	SPRING, Chute
27	5-8508	SPRING, Idler Primary
28	2-9425	CHUTE, Side Discharge
29	5-8509	V-BELT, HA Section, (120.722" Nominal Effective Length)
30	4-6278	BEARING, 1/2 x 3/4" Plastic (8)
31	4-6301	SLEEVE, Caster Wheel (4)
32	4-6302	WELDMENT, Bracket/Shaft Caster (4)
33	4-6720	DECAL, Chute/Deflector
34	4-7093	COVER, Belt L.H.
35	4-7094	COVER, Belt R.H.
36	4-7217	ROD, Timing
37	5-7674	ASSEMBLY, 48" Spindle (3) (see page 43)
38	7-2319	IDLER, 3-1/4" Flat (2)
39	5-8086	LINK, Leveling (2)
40	5-8087	SUPPORT, Swivel (2)
41	7-2044	HINGE PIN, Chute
42	9-1158	BOLT, 3/8-16 x 1-3/4" Short Neck Carriage, Grade 5 (2)
43	7-6436	SPACER, Blade (8)
44	7-9226	ROLLER, Low Density Polyethylene (4)
45	4-6392	PIN, 3/8 x 7/8" Clevis
46	9-0250	WASHER, 1/2" Flat (3)
47	9-0302	SCREW, 1/4-20 x 3/8" Hex Washer Self-Tap (4)
48	9-0546	NUT, 3/8-16 Hex Center Lock, Grade 5 or B (3)
49	9-0993	SCREW, 1/2-20 x 4-1/2" Hex Head Cap, Grade 5 (4)
50	9-1514	WASHER, 3/8" Flat (7)
51	9-0266	NUT, 1/2-20 Hex Center Lock, (4)
52	9-1628	WASHER, .64 I.D. Flat (4)
53	9-1947	PIN, 1/8" x 1/2" Hair (4)
54	9-1503	HAIR PIN, 3/32 x 1-1/2" (9)
55	9-0667	WASHER, 1/2" Flat (2)

**NOTE: 5-7777, 48" Deck Assembly includes items 1 thru 55.**

# 33" SPINDLE ASSEMBLY

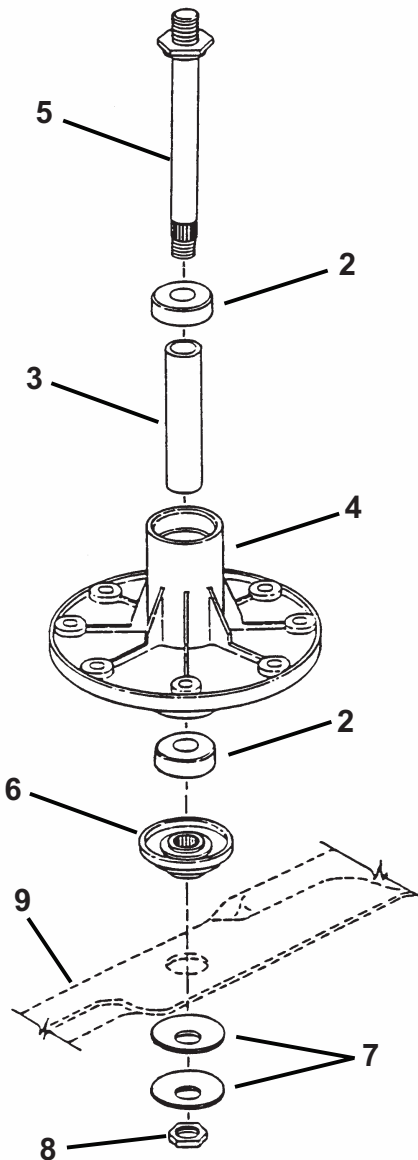
NOTE: 5-2294, Housing assembly consists of items 1 and 7.



ITEM	PART NO.	DESCRIPTION
--	5-2917	ASSEMBLY, 33" Spindle (includes items 1 thru 10)
1	4-7962	HOUSING, Spindle (weldment) (5.575" overall length)
2	2-4687	SPINDLE, Shaft (7.54" overall length)
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	9-0491	SCREW, 1/2-20 x 1-1/4" Hex Head Cap (2)
10	9-1939	NUT, 1/2-20 Hex Jam (2)



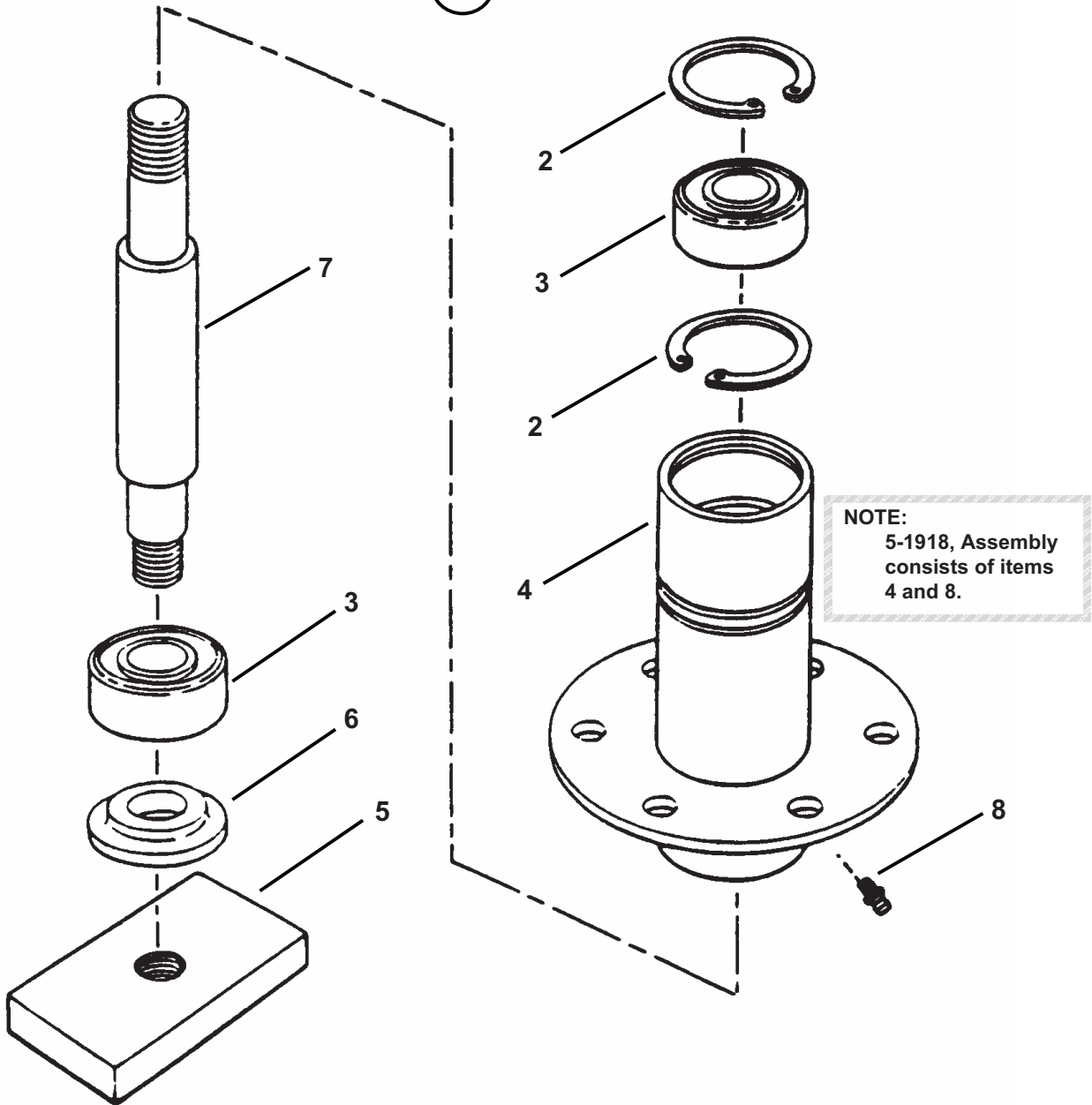
## 38" SPINDLE ASSEMBLY



ITEM	PART NO.	DESCRIPTION
1	5-4513	ASSEMBLY, 38" Spindle Housing (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 (7.02" overall length)
6	2-4463	SPACER, Blade
7	2-4467	WASHER, Belleville, 19/32"
8	9-1633	NUT, 9/16-18 Hex Jam
9	4-2998	BLADE, 19.64"

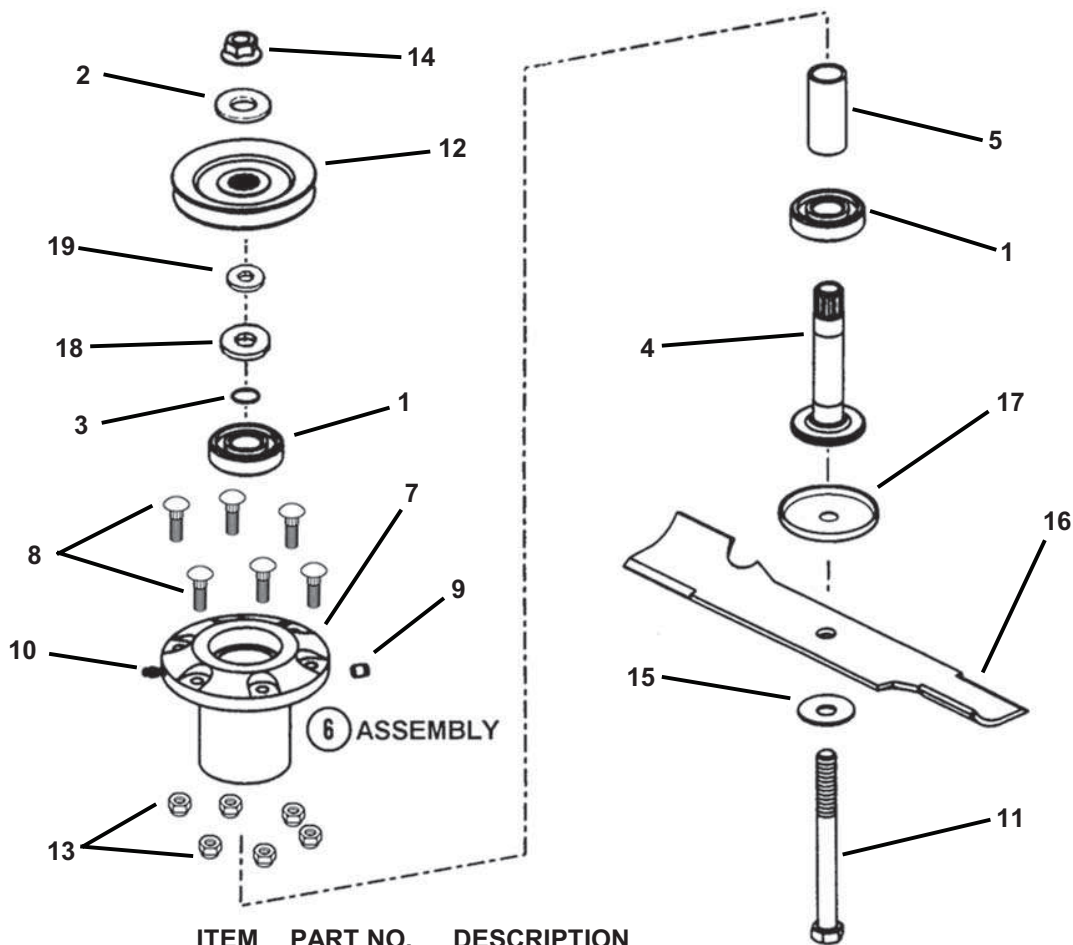
# 42" SPINDLE ASSEMBLY

## 1 ASSEMBLY



ITEM	PART NO.	DESCRIPTION
1	5-9723	ASSEMBLY, Spindle Housing, 42" Cutting Deck (Includes items 2 thru 8)
2	1-2491	RING, Retaining (2)
3	1-3313	BEARING, Spindle (2)
4	4-7917	HOUSING, Spindle (weldment) (5.1" overall length)
5	3-2294	HOLDER, Blade
6	1-4407	WASHER, Spindle
7	2-7668	SPINDLE (6.5" overall length)
8	1-0817	FITTING, Lube

## 48" SPINDLE ASSEMBLY

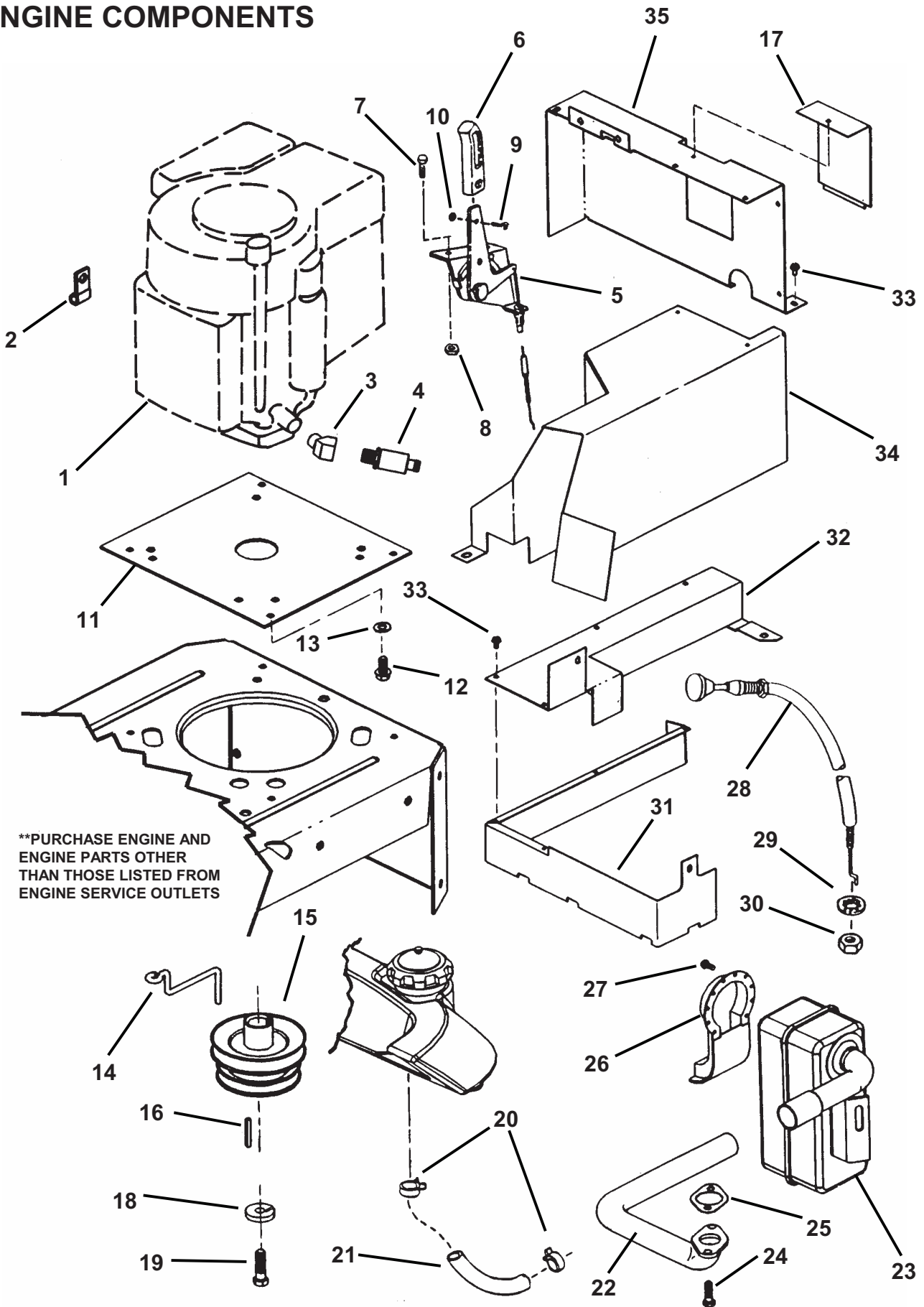


ITEM	PART NO.	DESCRIPTION
--	5-7674	GROUP, 48" Spindle (includes items 1 thru 16)
1	2-9422*	BEARING, Sealed (2)
2	2-7344	WASHER, 5/8" SAE Flat
3	2-9274*	SNAP-RING, Spindle Shaft
4	5-9311*	ASSEMBLY, Spindle Shaft
5	2-9254*	SPACER, Bearing
6	5-4017*	ASSEMBLY, Casting (includes items 7 and 8)
7	2-9252	HOUSING, Spindle
8	2-9302	BOLT, 3/8-16 x 1-1/4" Rib Necked (6)
9	2-9384*	VENT, Spindle
10	2-9275*	FITTING, Lube
11	6-3235	BOLT, Blade 5/8-11 x 7" Hex Head, Grade 5
12	5-8033	PULLEY, Driven 4.75" O.D.
13	9-1299	NUT, 3/8-16 Hex Nyloc (6)
14	6-3237	NUT, 5/8-11 Hex Flange Lock, Grade 5
15	1-6440	WASHER, Beveled
16	2-9247	BLADE, 16-5/16"
17	7-2077	CUP, Spindle Cover
--	6-3240**	KIT, Bearing Seal Field Fix (incl. items 18 & 19)
18	6-3238	SEAL, Nylas
19	1-3370	WASHER

\*NOTE: 5-4011, Spindle Assembly consists of asterisk marked part numbers shown above.

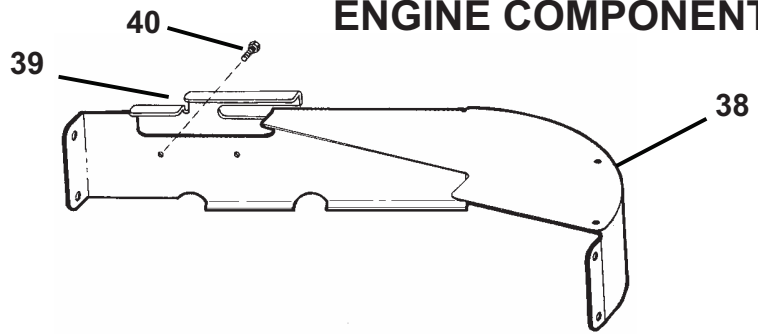
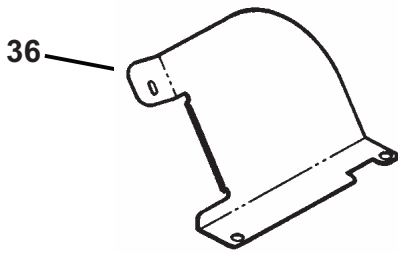
\*\*NOTE: For Bearing Pre-seal Kit installation, discard item 3 & replace with items 18 & 19 as shown.

# ENGINE COMPONENTS



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

## ENGINE COMPONENTS



ITEM	PART NO.	DESCRIPTION
1	**	ENGINE, 18HP Briggs (Model 350777, Type 1142, Trim E1)
--	**	ENGINE, 14HP Briggs OHVIC (Model 2877Q7, Type 0122, Trim 01)
--	**	ENGINE, 15HP Kohler (Model CV15S, Type PS41570)
2	1-2652	WIRE CLIP, 7/16"
3	9-1848	FITTING, Oil Drain 90 (Briggs 14HP)
--	2-2486	FITTING, Oil Drain Short (Kohler 15HP)
4	2-7972	ASSEMBLY, Oil Valve
5	3-6506	CONTROL, Throttle (Kohler 15HP, 52.5" conduit length)
--	2-4642	CONTROL, Throttle (Briggs 14HP, 44.6" conduit length)
--	4-2992	CONTROL, Throttle (Briggs 18HP, 31.0" conduit length)
6	2-3655	LEVER, Throttle Control
7	9-1240	SCREW, #10-32 x 5/8" Hex Washer Head, Grade 5 (2)
8	9-0376	NUT, #10-32 Nyloc (2)
9	9-1017	SCREW, #8-32 x 3/8" Machine
10	9-1018	NUT, #8-32 Hex
11	3-6389	PLATE, Engine
12	9-0324	SCREW, 3/8-16 x 1" Hex Washer Head (Briggs) (4)
--	7-7692	SCREW, M8-1.25 x 25mm Hex Washer Self-Tapping (Kohler) (4)
13	9-1315	WASHER, 5/16 Split Lock (Kohler) (4)
14	3-5362	GUIDE, Belt
15	4-1822	PULLEY, Engine
16	1-0210	KEY, 1/4" Square x 2"
17	7-1689	COVER, Spark Plug Access (Briggs 14HP)
18	9-1301	WASHER, 7/16" Split Lock
19	9-1763	SCREW, 7/16-20 x 1-1/2" Hex Head Cap, Grade 5
20	1-2222	CLAMP, Fuel Hose (2)
21	9-1856	HOSE, Fuel 1/4" I.D. x 20" (Briggs 14 HP)
--	2-9982	HOSE, Fuel 1/4" I.D. x 14" (Kohler 15 HP)
22	3-5894	PIPE, Exhaust (Briggs 14HP)
--	3-6417	PIPE, Exhaust (Kohler 15HP)
--	3-6483	PIPE, Exhaust (Briggs 18HP)
23	4-6445	MUFFLER
24	9-0206	SCREW, 5/16-18 x 3/4" Hex Head Cap, Grade 5 (Briggs 14HP) (2)
25	1-5352	GASKET, Exhaust (Briggs 14HP)
26	4-1537	DEFLECTOR, Muffler (42" Deck only)
27	9-1581	SCREW, #8-18 x 1/2" (42" Deck only) (4)
28	2-4185	CONTROL CABLE, Choke (Kohler 15HP)
29	9-0390	WASHER, 3/8" Internal Tooth Lock (Kohler)
30	9-0155	NUT, 3/8-24 Hex (Kohler 15HP)
31	4-2993	HEAT SHIELD, Sides (Kohler 15HP)
32	4-4658	HEAT SHIELD, Top (Kohler 15HP)
33	9-0816	SCREW, #10-32 x 3/8" Sheet Metal (Qty. 4 Kohler, 8 Briggs)
34	4-2825	DUCT, Right Hand (Briggs 14HP)
35	7-1687	DUCT, Front (Briggs 14HP)
36	7-1951	HEAT SHIELD, Starter
37	7-1950	HEAT SHIELD, Battery (not shown)
38	5-8221	DUCT, Air (Briggs 18HP)
39	7-2176	SHIELD, Engine Speed Control Heat
40	9-1012	SCREW, #10-32 x 3/8" Self Tapping (2)

# DECALS

**1** **WARNING**  
 GUARD OR ENTIRE GRASS CATCHER  
 MUST BE INSTALLED BEFORE  
 OPERATING MOWER 46720

**2** HYDRO RELEASE ↑ DRIVE  
 ↓ ROLL

**3** **DANGER**  
 KEEP HANDS and FEET AWAY

**4** SEALED RESERVOIR  
 DO NOT OPEN 44787

**5** 36527  
 BLADE

**6** 36528  
 BLADE

**7** 36531  
 SNAPPER RIDER

**8** PARK BRAKE  
 ENGAGE 45167

**9** 33 INCH  
 PATENTED HI-VAC

**10** 38 INCH

**11** 42 INCH

**12** 48 INCH

**13** **SNAPPER RIDER**

**14** **SNAPPER RIDER**

**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:**

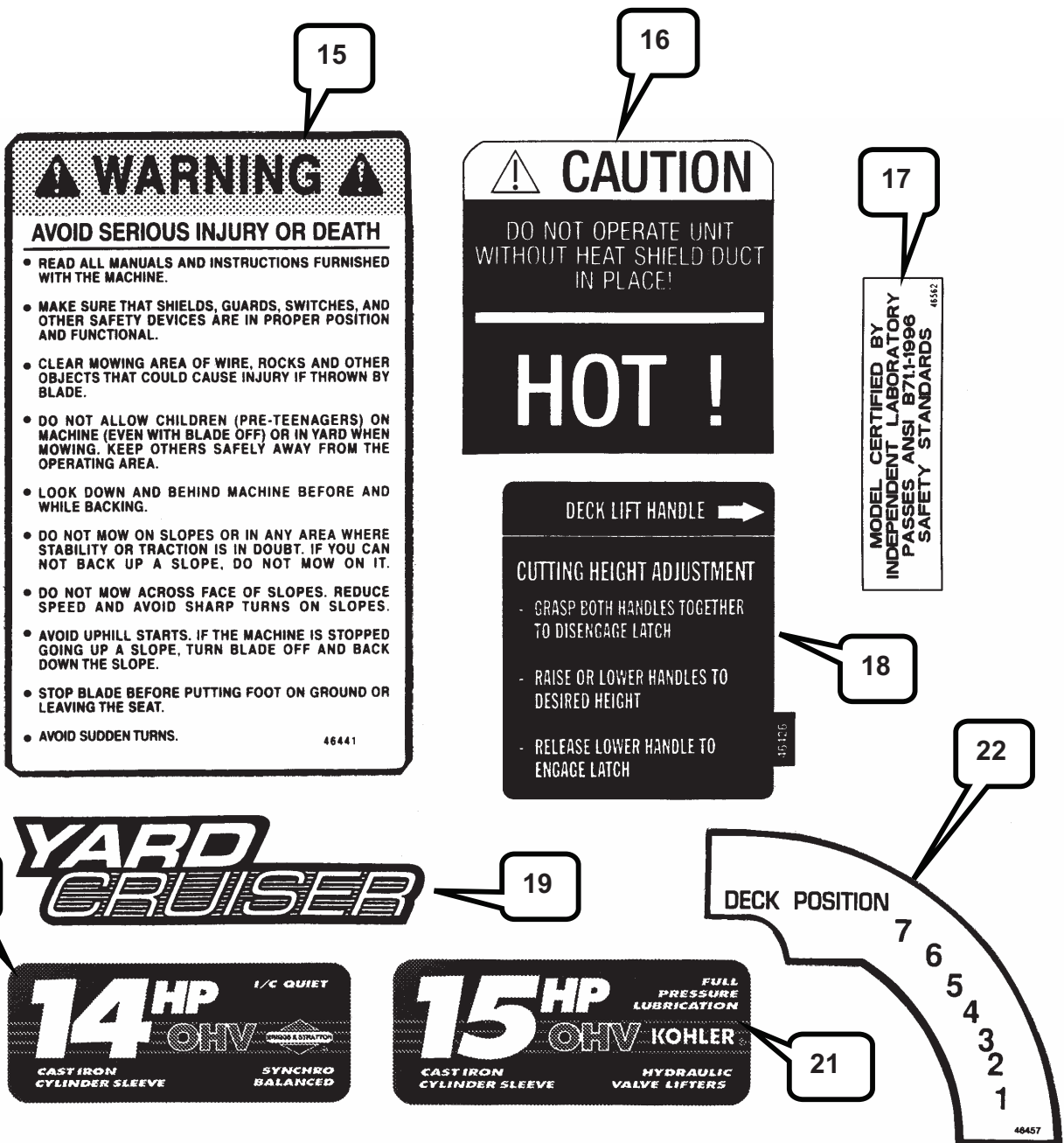
1. MOVE ENGINE SPEED CONTROL TO "FAST" POSITION.
2. PULL BLADE SWITCH OUT TO THE "ON" POSITION TO START BLADES.
3. RELEASE PARK BRAKE BY PRESSING THE BUTTON AND MOVING LEVER FORWARD TO LOCK POSITION.
4. SLOWLY MOVE JOYSTICK CONTROL IN THE DESIRED DIRECTION OF TRAVEL.
5. INCREASE/DECREASE SPEED WITH THE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

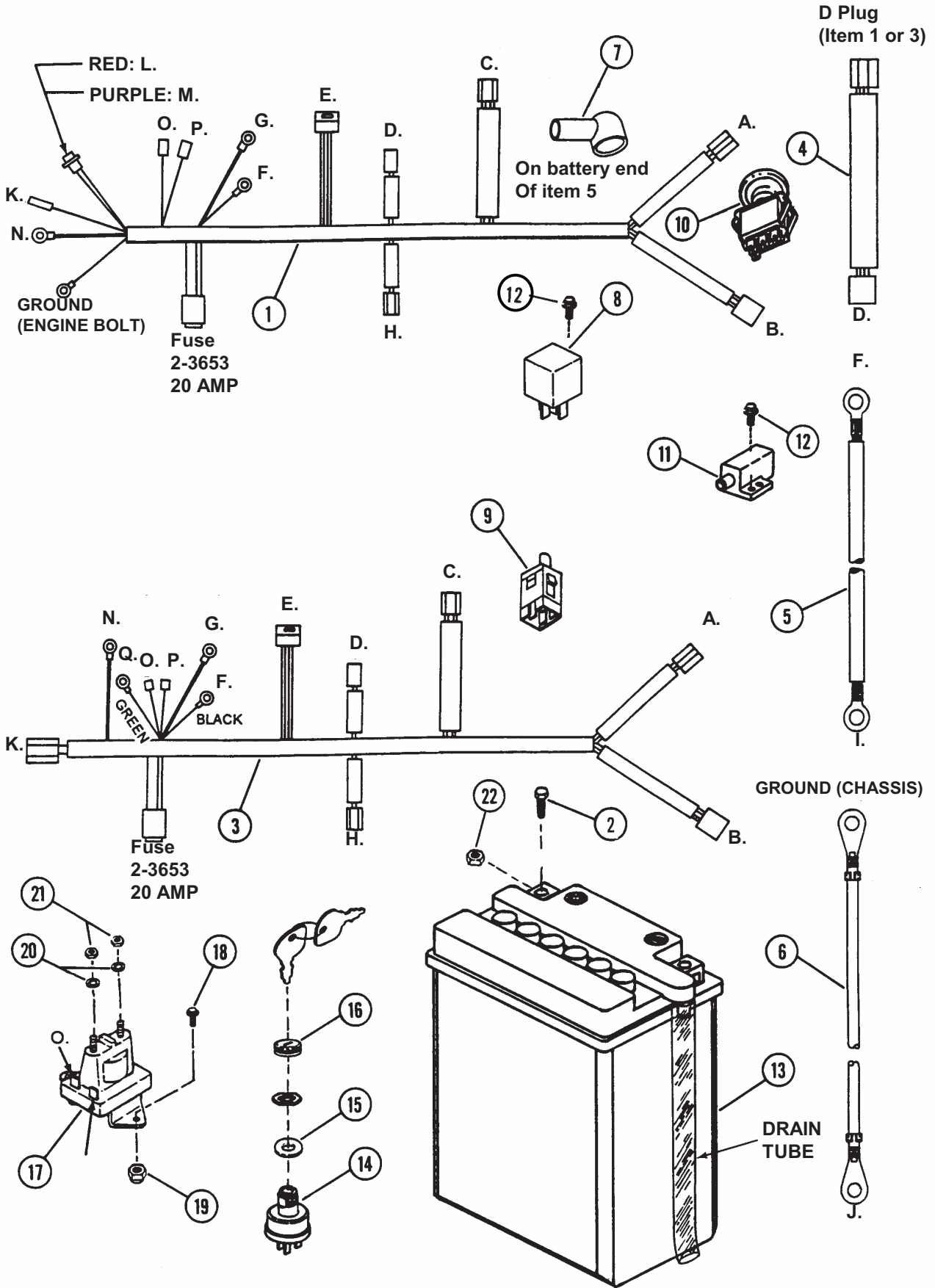
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ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1	4-6720	DECAL, Warning Chute Deflector	13	4-5173	DECAL, Operation
2	7-1683	DECAL, Hydro Release	14	3-5848	DECAL, SNAPPER Z Rider (Steel Bodied Models)
3	2-6831	DECAL, CPSC	15	4-6441	DECAL, Safety Instructions
4	4-4767	DECAL, Hydro Reservoir (2)	16	7-1696	DECAL, Heat Shield
5	3-6527	DECAL, Throttle Control	17	4-6562	DECAL, Certification
6	3-6528	DECAL, Throttle Control	18	4-6426	DECAL, Deck Height
7	3-6531	DECAL, Ignition Switch	19	4-5359	DECAL, "Yard Cruiser" (2)
8	4-5167	DECAL, Park Brake	20	9-1881	DECAL, Briggs 14HP Engine
9	2-2991	DECAL, 33" Hi-Vac	21	9-1882	DECAL, Kohler 15HP Engine
10	2-6154	DECAL, 38"	22	4-6457	DECAL, Deck Position
11	2-4910	DECAL, 42"	23	7-3335	DECAL, OPEI (Not Shown)
12	2-4431	DECAL, 48"			

# ELECTRICAL COMPONENTS





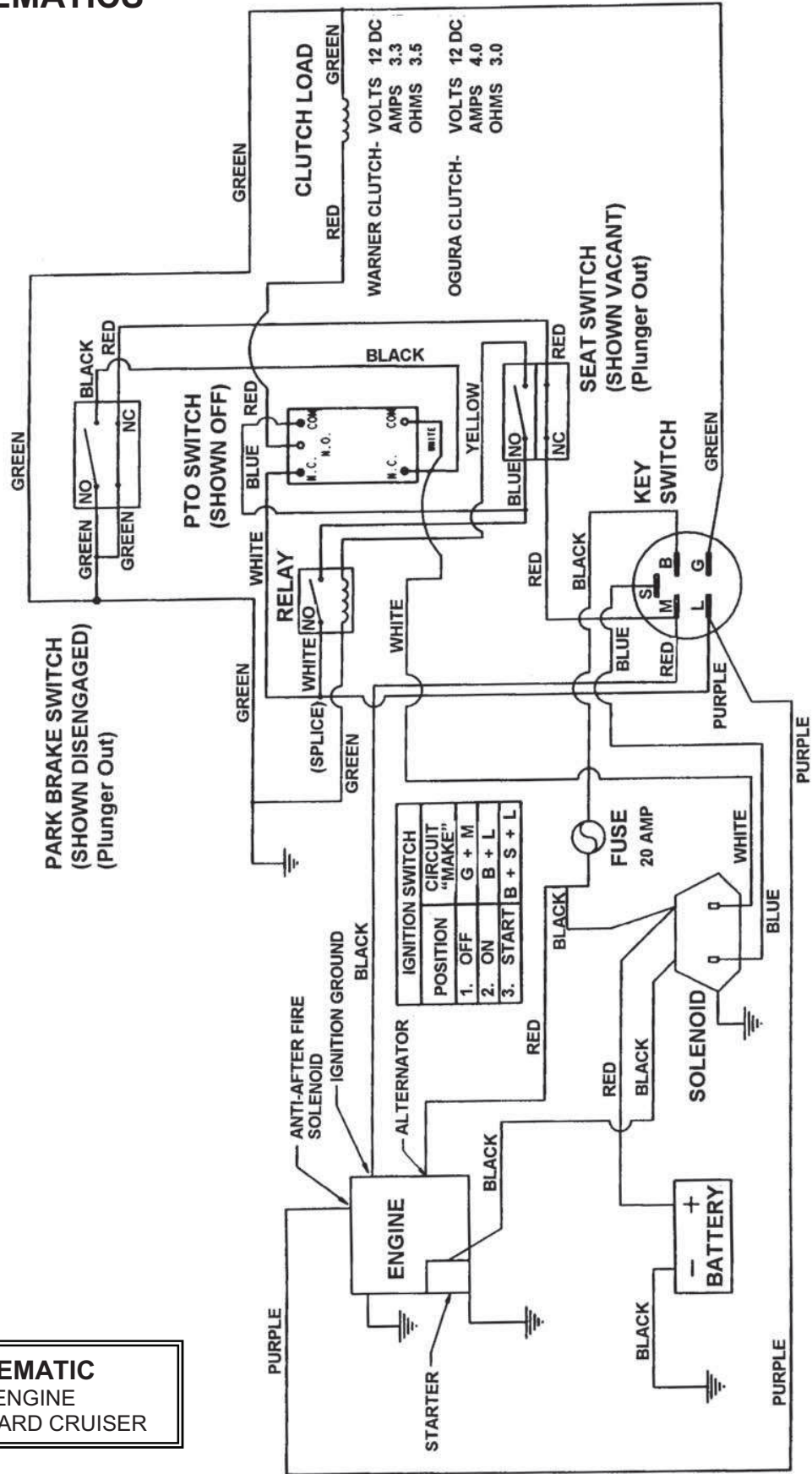
# ELECTRICAL COMPONENTS

ITEM	PART NO.	DESCRIPTION
1	3-5388	WIRING HARNESS (Briggs 14HP)
--	4-2966	WIRING HARNESS (Briggs 18HP) (Same except L & M plug)
2	9-0411	SCREW, #10-24 x 1/2" Hex Head Cap (2)
3	3-6416	WIRING HARNESS (Kohler 15HP)
4	3-5926	WIRING HARNESS, Warner Clutch (38" & 42" Models)
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
9	2-2886	SWITCH, Seat (DP, NO/NC SNAP-IN)
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 (After-fire Solenoid)
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 (2)
21	9-0977	NUT, 1/4-20 Hex Jam (2)
22	1-2688	NUT, #10-24 Hex Twin "Whiz" Lock (2)

<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

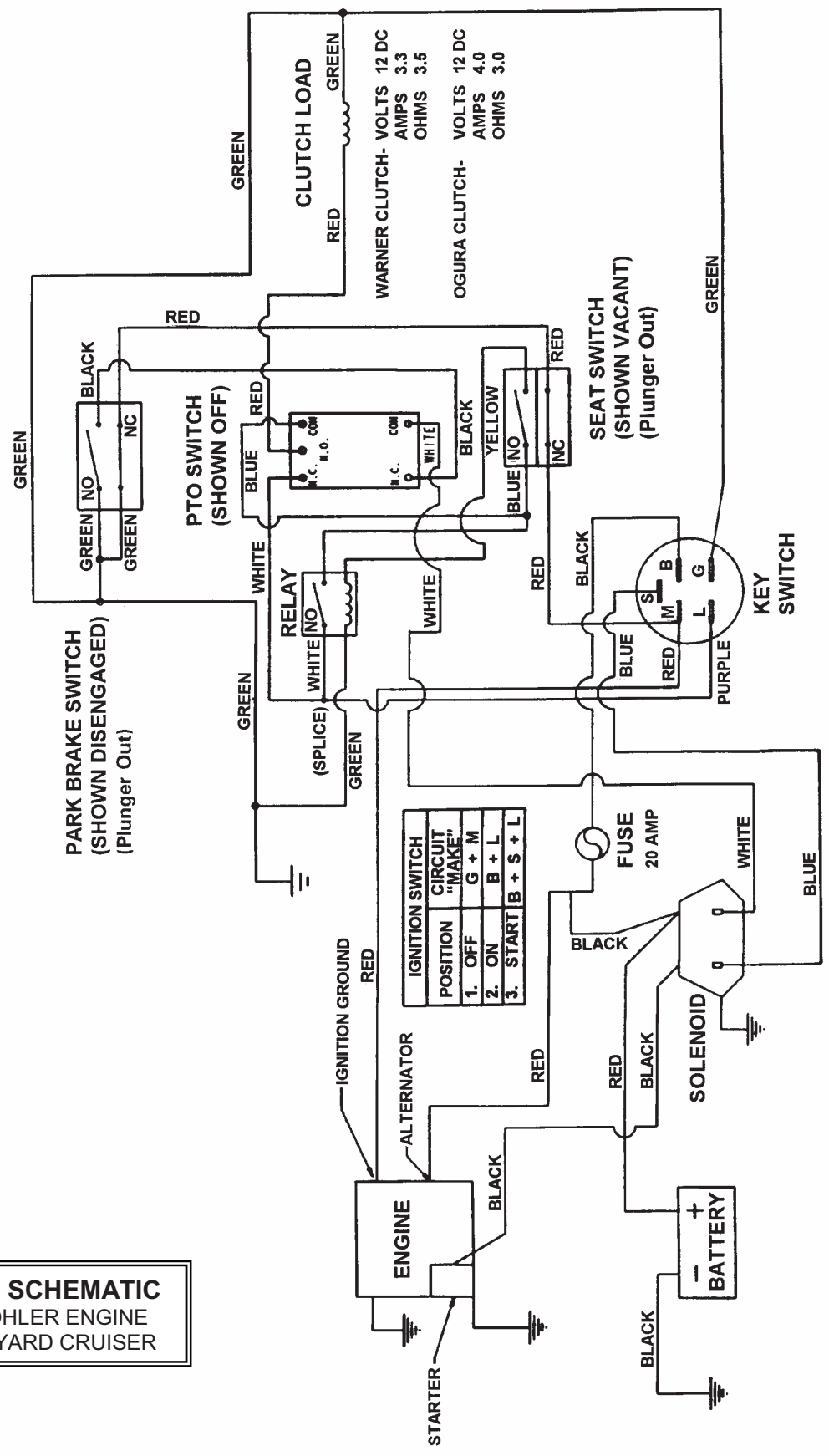
# WIRING SCHEMATICS

**WIRING SCHEMATIC**  
 14 HP BRIGGS ENGINE  
 FOR 33" & 38" YARD CRUISER



# WIRING SCHEMATICS

**WIRING SCHEMATIC**  
15 HP KOHLER ENGINE  
FOR 42" YARD CRUISER



*Parts Manual for*

# **SNAPPER<sup>®</sup>**

## **YARD CRUISER<sup>™</sup>**

### **HYDRO DRIVE**

### **HZ SERIES 1 & 2**

<b>MODELS</b>
<b>HZS14331BVE</b>
<b>HZS14381BVE</b>
<b>HZS15421KVE</b>
<b>HZS15422KVE</b>
<b>HZS16481BVE</b>
<b>HZS18482BVE</b>

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**MANUAL No. 06109**

**(Rev. 5, 09/30/02)**

**Printed in U.S.A.**