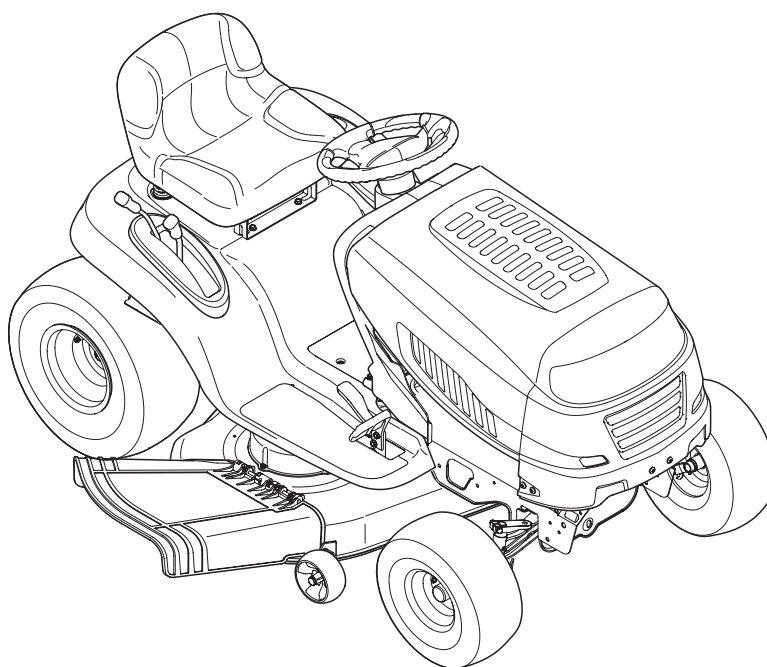
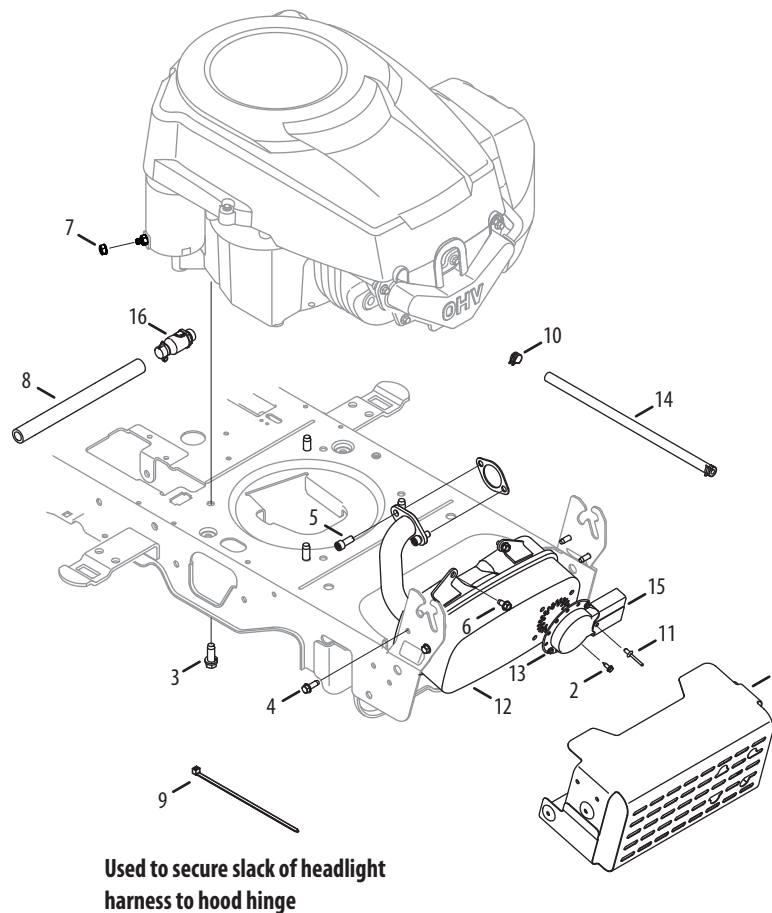

ILLUSTRATED PARTS MANUAL



46" Hydrostatic Lawn Tractor, 900 Series

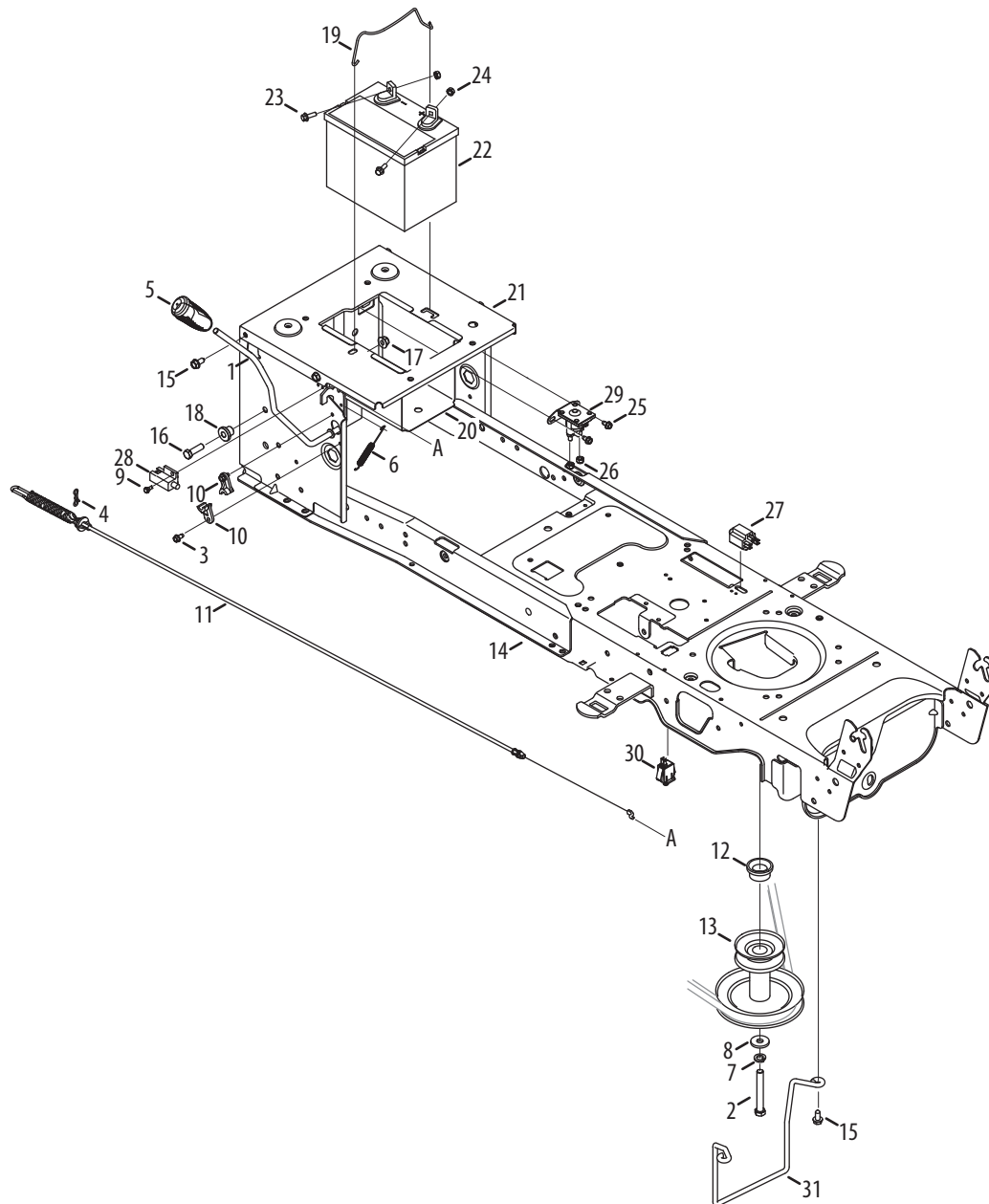
MTD LLC, P.O. BOX 361131 CLEVELAND, OHIO 44136-0019



Ref.	Part Number	Description
1	683-04549	Muffler Shield Assembly
2	710-0227	Screw, Indented Washer, #8-18:0.500
3	710-04683	Taptite Screw, 3/8-16:1.000
4	710-0599	Taptite Screw, 1/4-20:0.500
5	710-1314A	Socket Head Screw, 5/16-18:.750
6	710-1652	Taptite Screw, 1/4-20 x .625
7	712-0271	Sems Nut, 1/4-20
8	751-3141-14	Extension Hose, Oil Drain

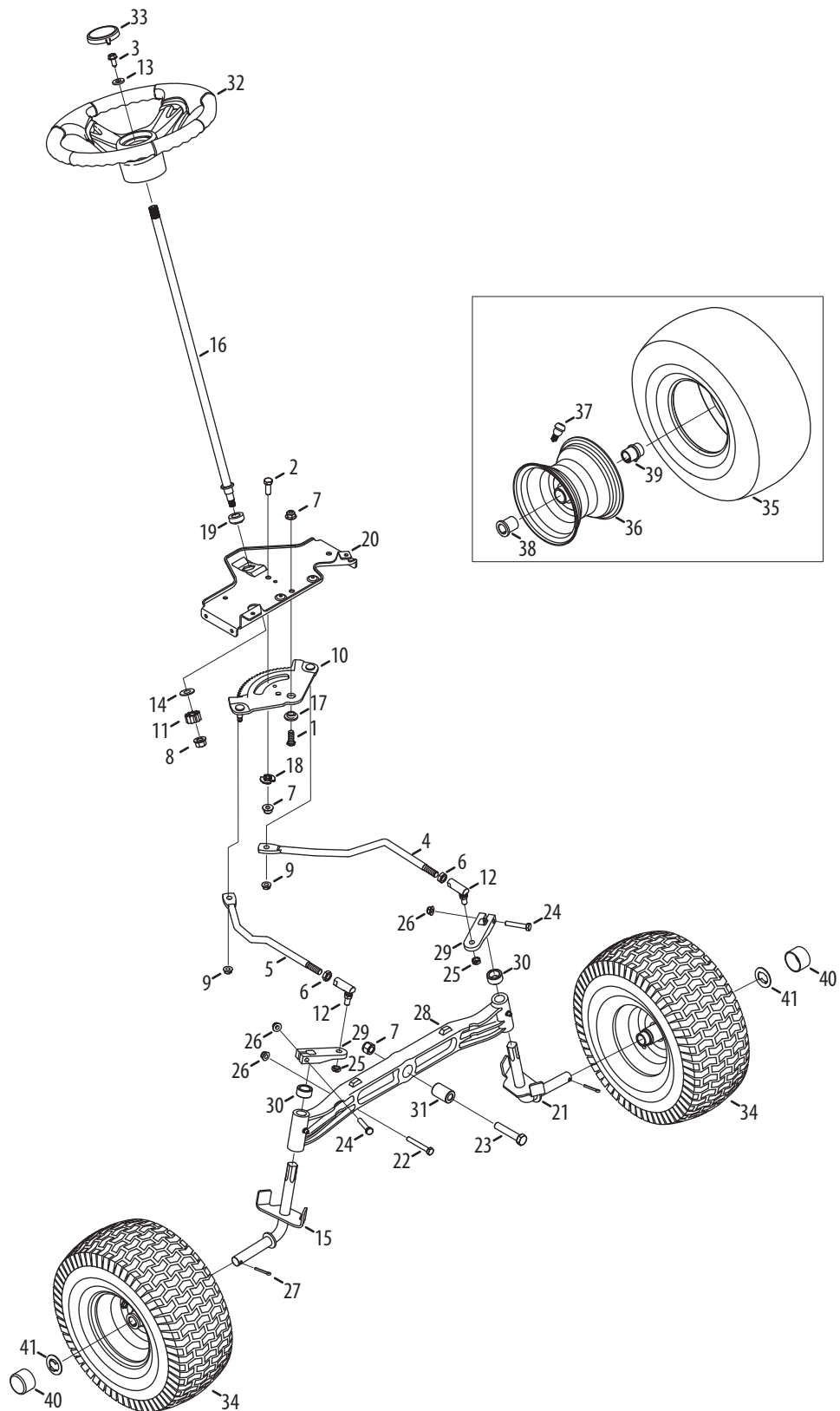
Ref.	Part Number	Description
9	725-0157	Cable Tie, 3/16 x .05 x 7.4
10	726-0205	Hose Clamp, .490 DIA.
11	728-04000	Rivet, .188 DIA x .300 L
12	751-11022A	Muffler
13	751-0564B	Muffler Deflector
14	751-10349	Fuel Hose
15	751-10353	Long Muffler Deflector
16	951-10517A	Oil Drain

PTO and Battery



Ref.	Part Number	Description
1	647-04151	Handle Ass'y, PTO
2	710-04876	Hex Screw, 7/16-20, 3.50, Gr5
3	710-0599	Screw, Self-tapping, 1/4-20, 0.50
4	714-04040	Pin, Cotter, Bow-Tie 72
5	720-04049A	Grip, Handle, 3/8
6	732-0932	Spring, Ext, .38 Dia x 5.6
7	936-0171	Washer, Lock, 7/16, Regular Duty
8	736-0322	Washer, Flat, .450 x 1.250 x .164
9	738-04237A	Screw, Shoulder, #10-32, .500
10	741-04119A	Bearing, PTO
11	946-04618	Cable, Engag, Deck
12	750-0956	Spacer, 1.010 x 1.400 x .825
13	956-04067A	Pulley, Engine, 3.56 x 6.12 Dia.
14	683-04469A	Frame Ass'y, Lower
15	710-04484	Screw, Self-tapping, 5/16-18, .750,
16	710-3005	Hex Screw, 3/8-16, 1.25, Gr5, Std
17	712-04065	Nut, Flange Lock, 3/8-16, Grf,
18	738-04058	Spacer, Shoulder, .38 x 1.0 x .70
19	747-04121A	Rod, Battery
20	783-0349	Tray, Battery
21	783-06089	Bracket, Frame, Seat
22	925-1707D	Battery
23	710-04666	Hex Flange Screw, 1/4-20, .75, Gr5
24	712-0271	Nut, Sems, 1/4-20
25	710-0653	Screw, Self-tapping, 1/4-20, 0.375,
26	712-04064	Nut, Flange Lock, 1/4-20, Grf,
27	725-04232	Switch, 3-Pole
28	725-04363	Switch, Interlock
29	725-04439	Solenoid, 12V
30	725-04807	Switch, Plunger, Snap Mount
31	747-05171	Belt Keeper Rod

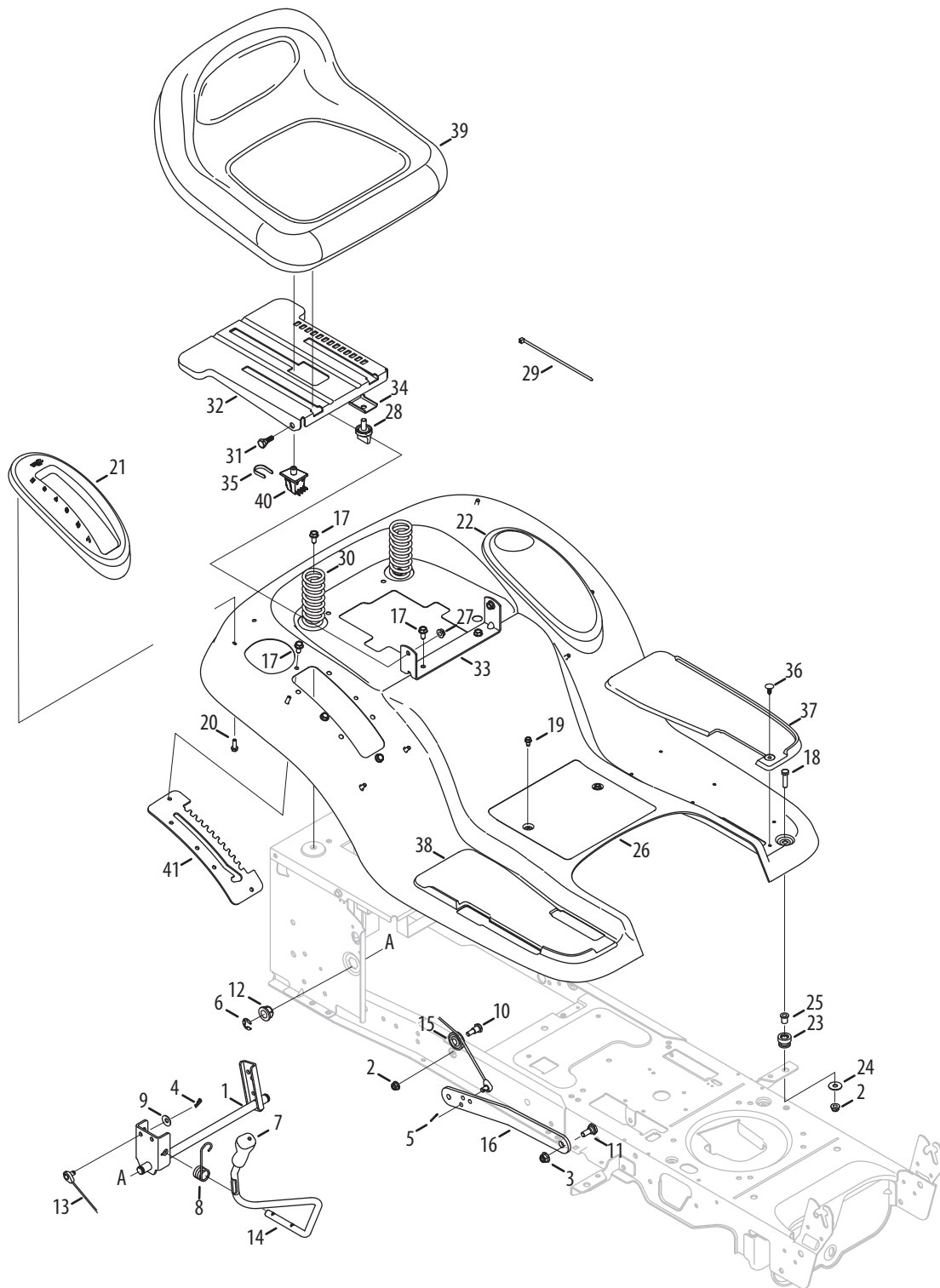
Steering and Axle



Ref.	Part Number	Description
1	710-04095	Hex Screw, 3/8-16, 1.00, Gr5, Spec
2	710-0514	Hex Screw, 3/8-16, 1.00, Gr5, Std
3	710-0643	Hex Screw, 5/16-18, 1.00, Gr5, Lock
4	711-04998	Link, Drag LH
5	711-04999	Link, Drag RH
6	912-0240	Nut, Jam, 7/16-20, Gr2
7	712-04065	Nut, Flange Lock, 3/8-16, Grf,
8	712-0459	Nut, Flange Lock, 7/16-20, Grb, Lock
9	712-3004A	Nut, Flange Lock, 5/16-18, Gr5, Sd Lk
10	717-1550F	Gear, Steering, 11/90 Ratio
11	717-1554	Gear, Pinion, Steering
12	923-0448A	Ball Joint, 7/16-20, Lock
13	936-3004	Washer, Flat, .406 x .875 x .105
14	736-3084	Washer, Flat, .51 x 1.12 x .06
15	938-04034	Axle Ass'y, RH .750 Dia (46" Deck)
16	738-04263	Shaft, Steering, .625 OD x 24.25
17	738-04363	Spacer, Shoulder, .385x 1.25 x .3025
18	738-04364B	Spacer, .38 x 1.375, Special
19	741-04237B	Bearing, Flange, Hex 5/8 Pm
20	783-06043	Bracket, Support, Steering
21	638-04035P	Axle Ass'y, LH .750 Dia (46" Deck)

Ref.	Part Number	Description
22	710-0395	Hex Screw, 5/16-18, 2.25, Gr5, Std
23	710-0859	Hex Screw, 3/8-16, 2.50, Gr5, Std
24	710-3180	Hex Screw, 5/16-18, 1.75, Gr5, Std
25	912-0214	Nut, Hex Lock, 3/8-24, Grb
26	712-04063	Nut, Flange Lock, 5/16-18, Grf
27	714-0162	Pin, Cotter, 5/32, 1.25
28	719-04413A	Axle, Pivot Bar, Cast
29	748-04065	Steering, Block
30	748-04068	Spacer, .71 ID x .125 OD x .56
31	750-05280	Spacer, .385 x 1.00 x 1.5075
32	631-04028	Steering Wheel
33	731-04040	Cap, Sprig, Small
34	634-04406	Wheel Assembly
35	734-1731	Tire, 15 x 6 x 6
36	634-04405	Rim Assembly
37	934-0255	Tubeless Air Valve
38	741-0516B	Flange Bearing, .760 x 1.00 x 1.20
39	741-0990B	Flange Bearing, .760 ID
40	731-05674	Cap, Bumper
41	736-04228A	Washer, Flat, .350 x 1.559 x .062

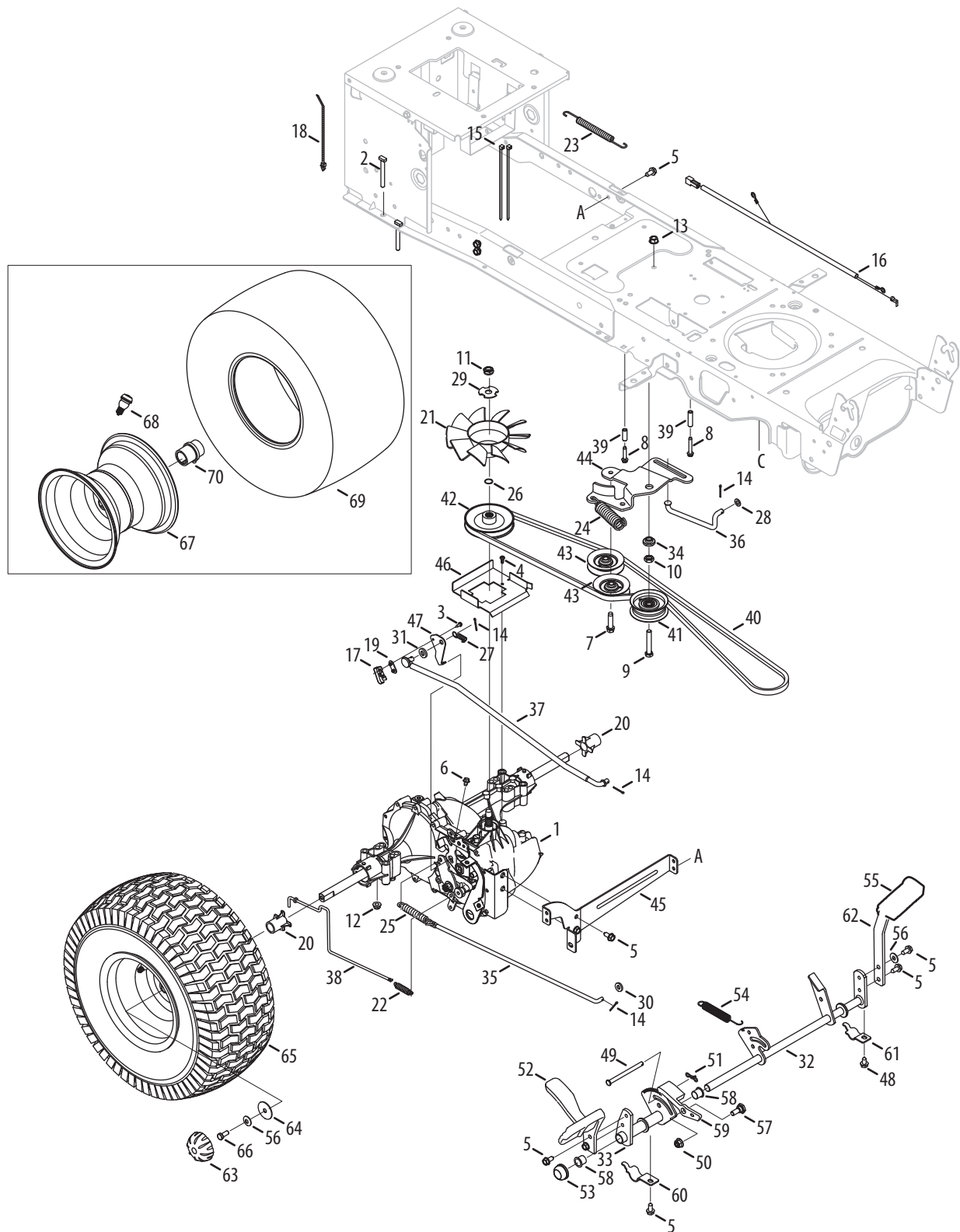
Seat and Fender



Ref.	Part Number	Description
1	683-04223	Shaft Ass'y, Lift
2	712-04063	Nut, Flange Lock, 5/16-18, Grf
3	712-04065	Nut, Flange Lock, 3/8-16, Grf
4	914-0104	Pin, Cotter, .072 Dia. x 1.13
5	714-04040	Pin, Cotter, Bow-Tie 72
6	716-0106A	Ring, E Type, .625 Dia. Shaft
7	720-0311	Grip, Handle, 1/2
8	732-0874	Spring, Torsion
9	736-0105	Washer, Spring, .401 x .870 x .063
10	738-0138A	Screw, Shoulder, .437 x .470, 5/16-18
11	938-0380	Bolt, Shoulder, .500, 3/8-16
12	941-0225	Bearing, Hex Flange
13	746-0968	Cable, Lift, 16.16
14	747-04962A	Handle, Lift,
15	756-04331	Pulley, Roller, Cable
16	783-05546A	Lift Link
17	710-04484	Screw, Self-tapping, 5/16-18, .750,
18	710-0528	Hex Screw, 5/16-18, 1.25, Gr5, Std
19	710-0599	Screw, Self-tapping, 1/4-20, 0.500,
20	710-0895	Screw, HL, 1/4-15, 0.750,
21	731-06795	Cover, Lift Lever

Ref.	Part Number	Description
22	731-1993A	Cover w/ Cup Holder
23	735-0690	Grommet, .4375 ID x .750
24	736-3078	Washer, Flat .344 x 1.00 x .063
25	750-3310	Spacer, Flange, .3125 x .4375 x .625
26	783-06259	Fender
27	712-3004A	Nut, Flange Lock, 5/16-18, Gr5, Sd Lk
28	720-04061	Knob, 3/8-16, .875
29	725-0157	Cable, Tie, 3/16 x .05 x 7.4
30	732-04561	Spring, Compr, 1.71 x 3.735 x .238
31	938-0296	Screw, Shoulder, .437 x .268, 5/16-18
32	783-06049	Bracket, Mounting, Seat
33	783-06088	Bracket, Pivot, Seat
34	783-06266	Bracket, Knob Adjustment, Seat
35	783-06448	Clip, Retaining, Switch
36	726-3046	Clip, Ratchet, .250 Dia
37	735-04138	Pad, Foot, LH
38	735-04158	Pad, Foot, RH
39	757-04081	Seat, Medium Back
40	925-05013	Switch, Seat
41	783-06443	Bracket, Lift, Man PTO, 6 Pos

Drive and Rear Wheels

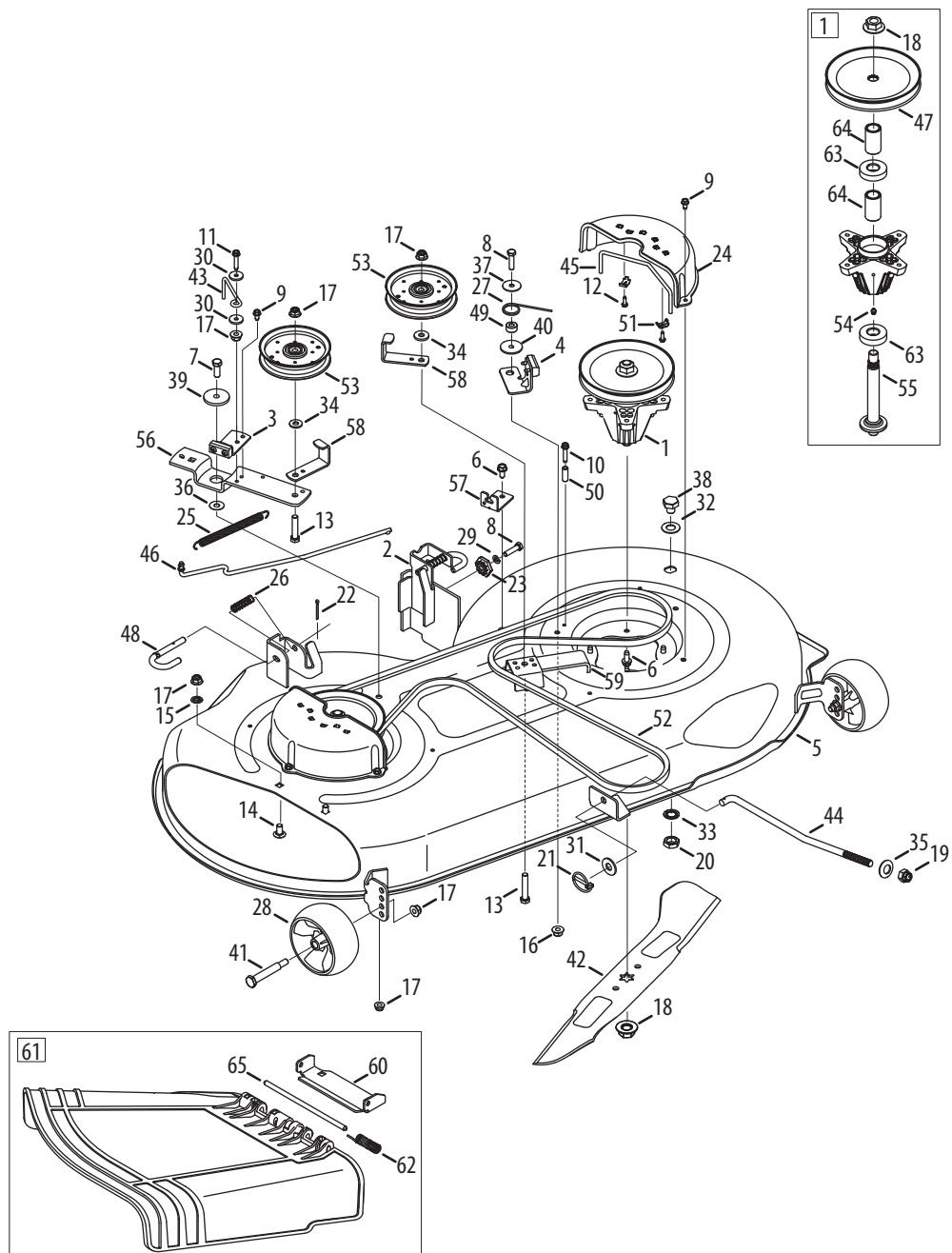


Drive and Rear Wheels

Ref.	Part Number	Description
1	918-0319	Hydro Transmission
2	710-0176	Hex Screw, 5/16-18:2.75
3	710-0227	Screw, #8-18:0.500
4	710-0351	Screw, #10-16:0.500
5	710-04484	Taptite Screw, 5/16-18:.750
6	710-0653	Taptite Screw, 1/4-20:0.375
7	710-1007	Screw, Sems, 3/8-16, 1.500
8	710-1325	Taptite Screw, 1/4-20:1.625
9	710-3011	Hex Screw, 3/8-16:2.25
10	712-0240	Jam Nut, 7/16-20
11	712-0346	Nut, Jamlock, 1/2-20
12	712-04063	Flangelock Nut, 5/16-18
13	712-0431	Flangelock Nut, 3/8-16
14	914-0111	Cotter Pin, 3/32:1.0
15	725-0157	Cable Tie, 3/16 X .05 X 7.4
16	725-04791A	Jumper Harness
17	725-1644	Short Spring Switch
18	926-0154	Push Mount Cable Tie 7.5 LG
19	926-0320	Insulator Nut Plate
20	731-05299A	Sleeve, .765 ID x 1.500 LG
21	731-06098	Hydro Fan
22	932-0209	Extension Spring, .48 OD X 2.03
23	732-04606	Extension Spring, .500 DIA X 12.6 LG
24	732-04624	Extension Spring, 1.00 DIA X 4.75
25	732-0716D	Extension Spring, .59 OD X 4.00 LG
26	732-0729	Wire Ring
27	732-3118	Extension Spring, .375 OD X 1.44 LG
28	936-0264	Washer, Flat, .330 X .630 X .0635
29	736-04263	Washer, Lock, TRANS HYDRO
30	936-3008	Washer, Flat, .344 X .750 X .120
31	736-3010	Washer, Flat, .407X.812X.135:HT
32	647-04152A	Brake Control Assembly
33	683-04537	Hydro Pedal Bracket Assembly
34	738-04420	Spacer, Shoulder, 1.375 X .380 X .183
35	747-04139	Rod, Brake, Hydro

Ref.	Part Number	Description
36	747-04957A	Rod, Transmission, Footpedal Bypass
37	747-04979	Rod, Control, Hydro
38	747-04991	Rod, Hydro Bypass
39	750-04456	Spacer, .260 X .372 X 1.420 LG
40	954-04207	Belt, V Type, Poly
41	756-04224	Pulley, Idler, Flat 2.75 OD
42	756-04308	Pulley, Input, 4.13 DIA
43	756-04325	Pulley, Idler, V-Type x 3.06
44	783-06027A	Bracket, Idler, Center Double
45	783-06133	Bracket, Mount, Hydro
46	783-06260	Bracket, Support, Belt Disengage
47	783-1019B	Switch Actuator Bracket
48	710-0604A	Taptite Screw, 5/16-18:0.625
49	711-05068	Clevis Pin, 5/16 x 3.985
50	712-04065	Flangelock Nut, 3/8-16
51	714-04040	Bow-Tie Cotter Pin
52	719-0584B	Control Pedal
53	726-0214	Push Cap
54	732-04587	Extension Spring, .63 DIA x 4.95 LG
55	735-04136	Brake Pedal Pad
56	736-0242	Washer, Bell, .340 x .872 x .060
57	938-0380	Shoulder Bolt, .500 x .270:3/8-16
58	741-0495	Flange Bearing, .630 ID x .695 OD x .60
59	748-04203	Cruise Latch
60	783-05914	Pedal Support Bracket
61	783-05940	Pedal Support Bracket, 5/8
62	783-06103A	Brake Pedal Bracket
63	731-2290A	Hub Cap
64	736-0430	Washer, Flat, .350 x 1.59 x .062
65	634-0104	Wheel Assembly
66	710-0627	Hex Screw, 5/16-24 x .750
67	634-04369	Rim Assembly
68	934-0255	Tubeless Air Valve
69	734-1730	Tire
70	941-0490	Axle Hub

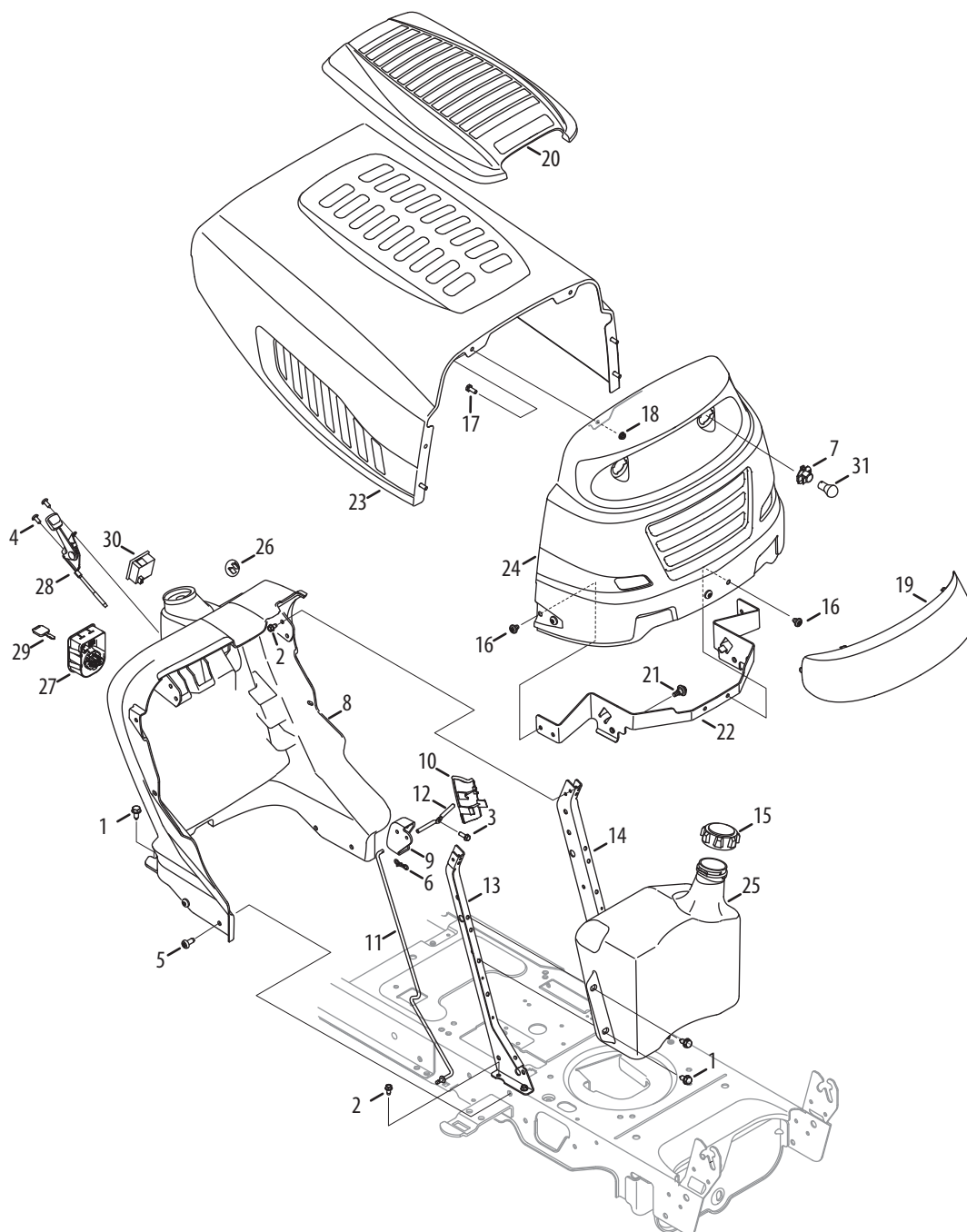
46" Deck



Ref.	Part Number	Description
1	918-04636A	Spindle Ass'y, Pulley, 6.93 Dia
2	683-0254B	Bracket Ass'y, Deck, Hanger LH
3	983-04511	Brake Ass'y, Deck
4	983-04525	Brake Ass'y, Deck
5	983-04578	Deck Ass'y, Offset
6	710-04484	Screw, Self-tapping, 5/16-18, .750,
7	710-0514	Hex Screw, 3/8-16, 1.00
8	710-0528	Hex Screw, 5/16-18, 1.25
9	710-0599	Screw, Self-tapping, 1/4-20, 0.500,
10	710-0778	Screw, Self-tapping, 1/4-20, 1.500,
11	710-0809	Screw, Self-tapping, 1/4-20, 1.250,
12	710-1003	Screw, #10-16:.625
13	710-3144	Hex Screw, 3/8-16, 2.00
14	710-3178	Bolt, Carriage, 3/8-16, 0.75
15	712-0229	Nut, Push, 3/8
16	712-04063	Nut, Flange Lock, 5/16-18
17	712-04065	Nut, Flange Lock, 3/8-16
18	712-0417A	Nut, Flange, 5/8-18
19	712-04243	Nut, Lock, 1/2-13
20	912-0641	Nut, Hex, M16-1.5
21	753-04070	Pin, Lynch, .1875
22	914-0470	Pin, Cotter, 1/8 x 1.25
23	917-04074	Gear, Deck, Adjustment
24	731-06496	Belt Cover
25	932-0384	Spring, Extension, .62 Dia x 6.12
26	732-04652	Spring, Comp, .535 OD x 1.751
27	732-04727	Spring, Torsion, .992 I.D x 1.17 O.D
28	734-04155	Wheel, Deck, 5.0 Dia Ball
29	936-0119	Washer, Lock, 5/16, Regular Duty
30	936-0176	Washer, Flat, .265 x .938 x .120
31	936-0179	Washer, Flat, .531 x 1.25 x .100
32	736-0187	Washer, Flat, .64 x 1.24 x .06,
33	736-0225	Washer, Lock, 5/8, Int Tooth

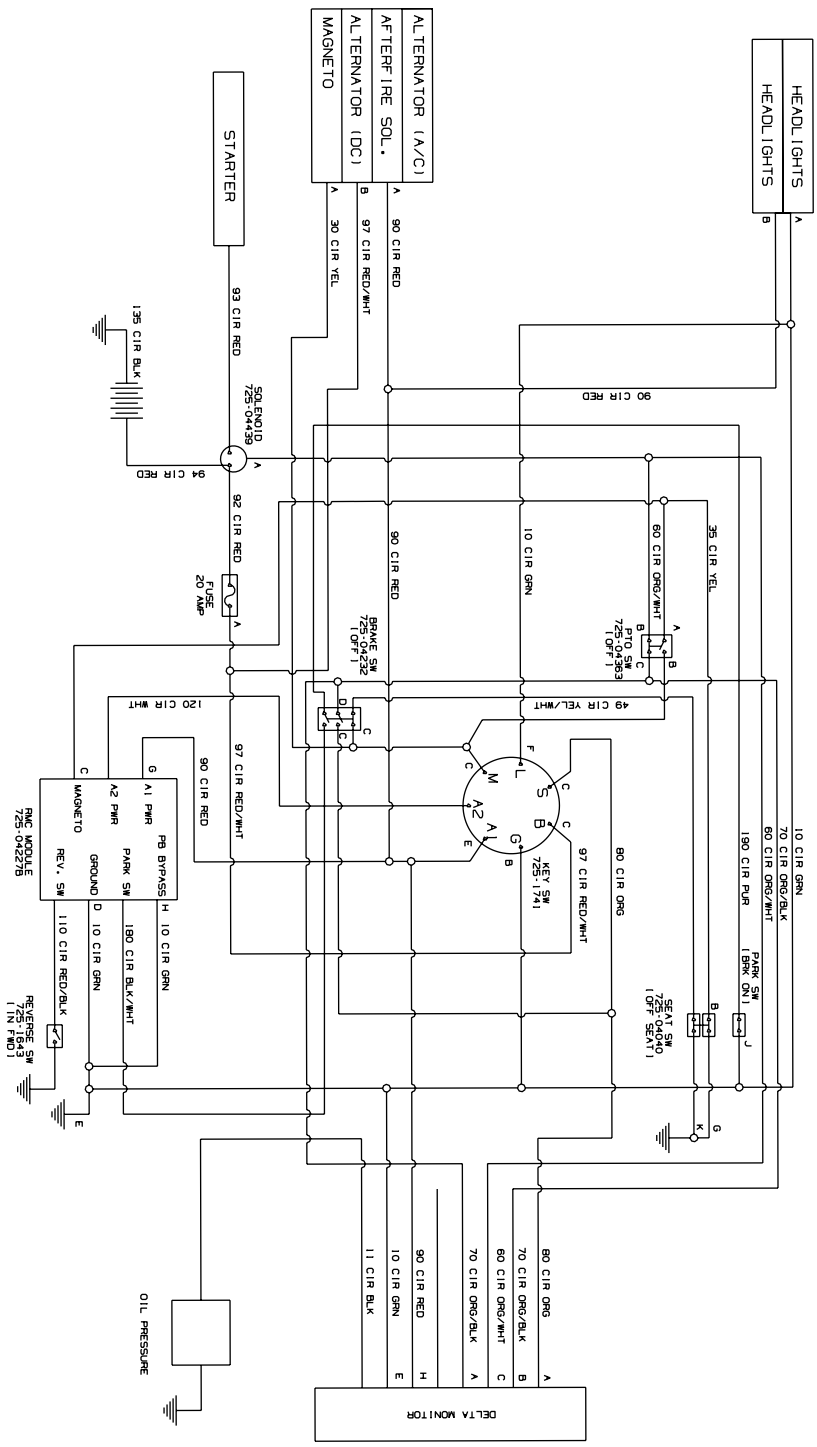
Ref.	Part Number	Description
34	736-0262	Washer, Flat, .385 x .870 x .092
35	736-0317	Washer, Bell, .63 x 1.25 x .18
36	736-0344	Washer, Flat, .385 x 1.0 x .030
37	736-0362	Washer, Flat, .330 x 1.25 x .06,
38	738-04146	Plug, Bolt, M16 x 1.5
39	738-04162A	Spacer, Shoulder, .8840 x .190
40	738-04166	Spacer, Shoulder, .5000 x .1475
41	938-3056	Bolt, Shoulder, .496 x 2.50, 3/8-16
42	942-04290	Blade
43	747-04530	Rod, Keeper, Belt
44	747-04944A	Rod, Lift, Deck, Frt, 13.7
45	747-05011	Rod, Keeper, Belt
46	747-05052	Rod, Control, Brake
47	756-04356	Pulley, Deck, 6.93 Dia
48	747-1116	Rod, Handle, Deck Release
49	750-0258	Spacer, .315 x .750 x .375
50	750-0566A	Spacer, .260 x .375 x 1.030
51	751B221535	Clamp, Casing
52	954-04219	Belt, V-Type
53	756-04129B	Pulley, Idler, 4.25"Dia
54	937-3000	Fitting, 3/16, Lnc#70, Drive Lube
55	738-1186A	Shift, Spindle, 6.11.
56	783-05946	Bracket, Idler, Pivot
57	783-06243	Bracket, Cable, Deck Engage
58	783-06368	Bracket, Guard, Belt, 4.25 Pulley
59	783-06643	Bracket, Support, Deck Stationary Idler
60	783-06074A	Bracket, Chute
61	631-04461	Chute Ass'y, Deflector
62	732-04372	Torsion Spring, .44 ID x 2.0
63	941-0919	Ball Bearing, .787 ID x 1.85 OD x .551
64	750-04936	Spacer, .792 x 1.060 x 1.860
65	711-04847A	Hinge Pin

Hood and Dash, 5 Style



Ref.	Part Number	Description
1	710-04484	Taptite Screw ,5/16-18:.750
2	710-0599	Taptite Screw ,1/4-20:0.500
3	710-0895	Hi-Lo Screw, 1/4-15:0.750
4	710-1017	Screw, 1/4-14:0.625
5	710-1611B	Taptite Screw ,5/16-18:0.750
6	714-04040	Bow Tie Cotter Pin
7	925-1649	Lamp Socket
8	731-06167	Dash Panel
9	731-06639	Dash Lever
10	731-06642	Cruise Cover
11	747-05008	Control Rod
12	747-1196	Lever
13	783-04285F	RH Support Plate
14	783-04323F	LH Support Plate
15	751-0603A	Fuel Cap
16	710-04593	Taptite Screw ,5/16-18:0.375
17	710-0751	Hex Screw, 1/4-20:.620
18	712-04064	Flangelock Nut, 1/4-20
19	731-04949A	Grill Lens
20	731-05522A	Hood Scoop
21	738-04091A	Shoulder Screw, .43X.29:5/16-18
22	783-05454	Hood Pivot Bracket
23	783-05683	Hood
24	783-05685	Grill
25	751-0659D	Fuel Tank
26	731-1999	Choke Plug
27	925-04227B	Key Switch Module
28	746-04364	Throttle/Choke Control
29	925-1745A	Key
30	925-04036C	Hour Meter
31	925-0963	Lamp
—	726-04096	Choke Hole Plug (Not Shown)

Electrical Schematic



OFF
G+M+A1

RUN 1
B+A1
L+A2

RUN 2
B+A1

START
B+S+A1

