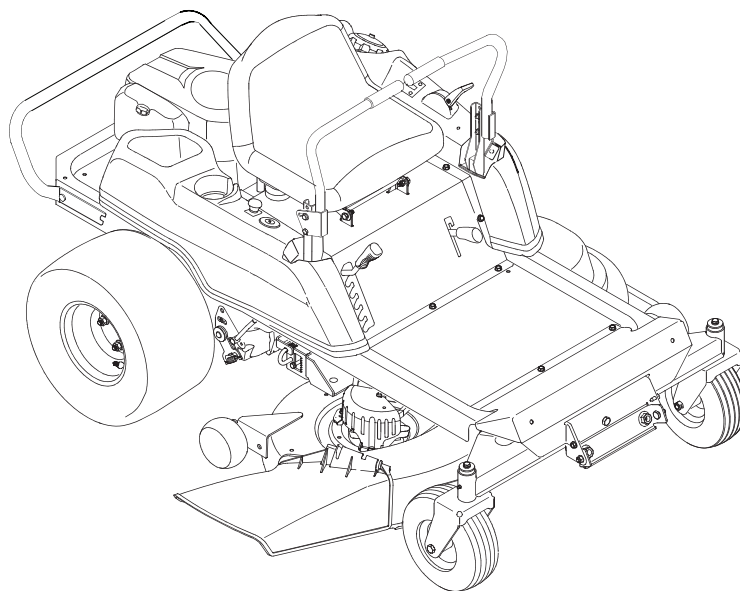




ILLUSTRATED PARTS MANUAL



RZT Series Tractor — Colt ZT42

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

To The Owner

Thank you for purchasing an MTD Zero-Turn Tractor. It was carefully engineered to provide excellent performance when properly operated and maintained.

All information in this manual is relative to the most recent product information available at the time of printing. Please be aware that this Illustrated Part's Manual may cover a range of product specifications for various models.

Components listed and/or illustrated in this manual may not be applicable to all models. We reserve the right to change product specifications, designs and equipment without notice and without incurring obligation.

Throughout this manual, all references to *right* (RH) and *left* (LH) are observed from the operating position.

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Record Product Information

To ease in ordering replacement parts, please locate the model plate on the equipment and record the information in the provided area to the right. You can locate the model plate by looking beneath the seat.

MODEL NUMBER

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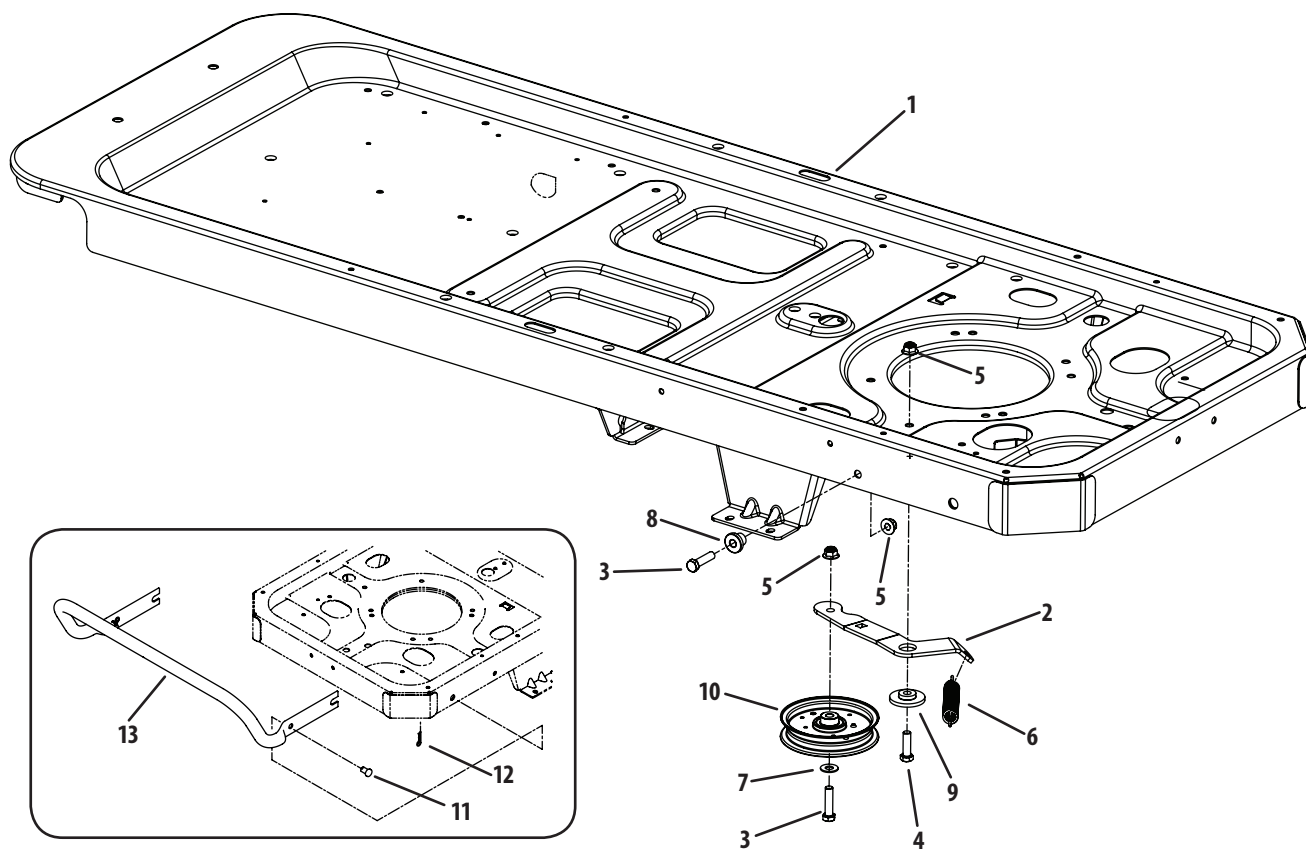
SERIAL NUMBER

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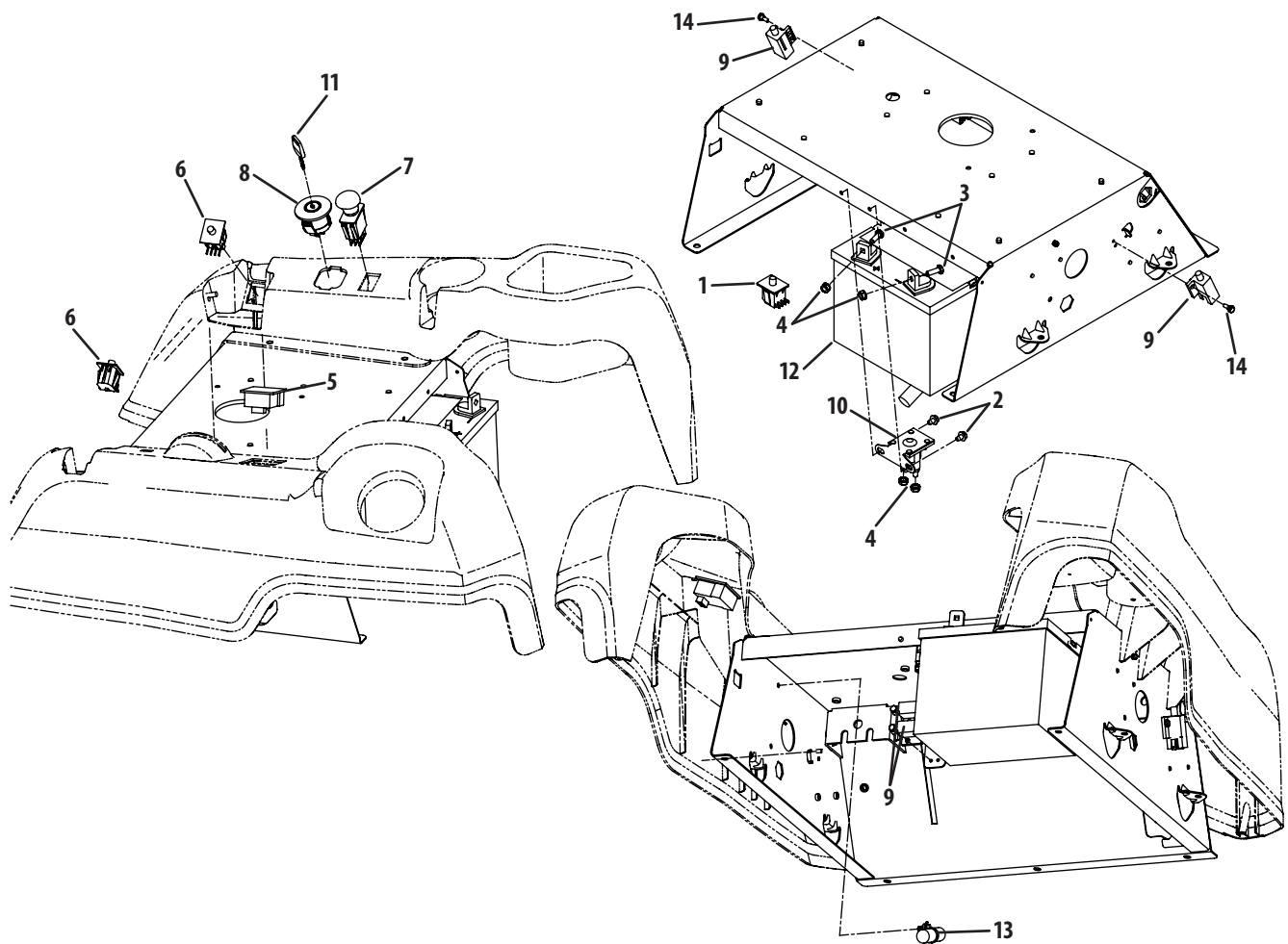
Painted Parts

When ordering painted service parts, a four digit color suffix must be added to the part number (e.g. 783-XXXX-0637). Please refer to the table below for current color codes:

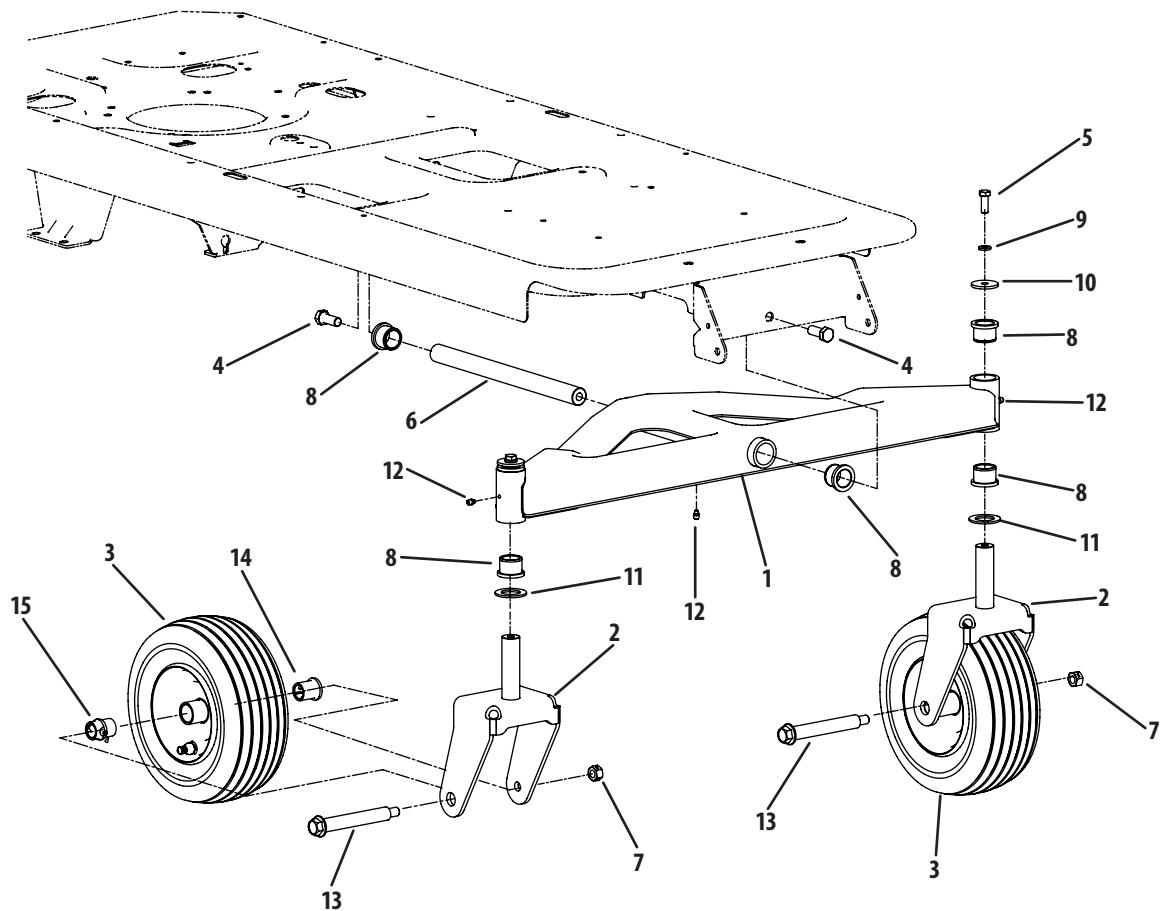
0637	Black	0674	Yellow (Yard-Man)
0709	Dark Green (Bolens, Yard-Man)	0650	Metallic Red (White Outdoor)
0662	Oyster Gray (MTD Gold)	0629	Silver Flake (MTD Platinum)
0638	Red (Yard Machines, Huskee, Troy-Bilt, MTD)	04038	Day Orange (Daedong)
0691	Black Jack (MTD Gold, MasterCut)	04033	Flint Mica (Troy-Bilt XP)



Ref.	Part Number	Description
1	603-04691	Frame
2	703-05829	Idler Arm
3	710-0520	Hex Cap Screw, $\frac{3}{8}$ -16 x 1.5
4	710-3005	Hex Cap Screw, $\frac{3}{8}$ -16 x 1.25
5	712-04065	Hex Flange Lock Nut, $\frac{3}{8}$ -16
6	732-0626	Extension Spring, .75 x 5.06
7	936-0300	Flat Washer, .406 x .875 x .059
8	738-04058	Shoulder Spacer, .38 x 1.0 x .7
9	738-04162A	Shoulder Spacer, .884 x 1.9
10	756-04129B	Idler Pulley
11	911-0332	Clevis Pin, .50 x .78
12	914-04023	Cotter Pin, .080 x 1.5625
13	749-04358	Bumper

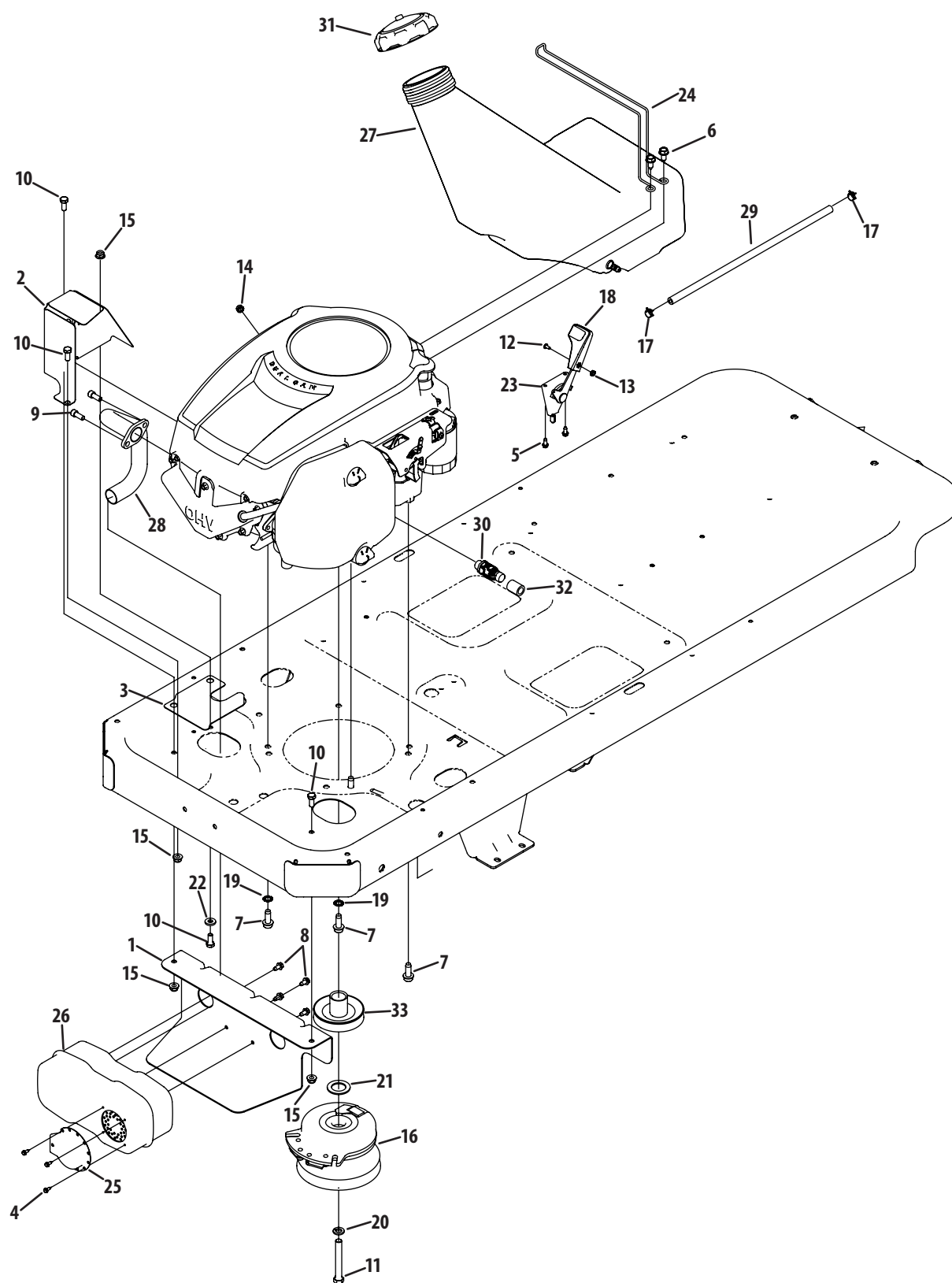


Ref.	Part Number	Description
1	925-04040	Seat Switch
2	710-0653	Hex Washer Screw, 1/4-20 x .375
3	710-3015	Hex Screw, 1/4-20 x .75
4	712-0271	Hex Nut, 1/4-20
5	925-04022B	Hour Meter
6	925-04165	Double Pole Neutral Switch
7	925-04174	PTO Switch
8	925-04228	Ignition Switch
9	725-04363	Brake/Reverse Interlock Switch
10	725-04439	Solenoid
11	925-1745	Key
12	925-1707D	Battery
13	726-0470	Cable Tie
14	738-04237A	Shoulder Screw, #10-32 x .5
NS	925-04109	Wire Harness Assembly



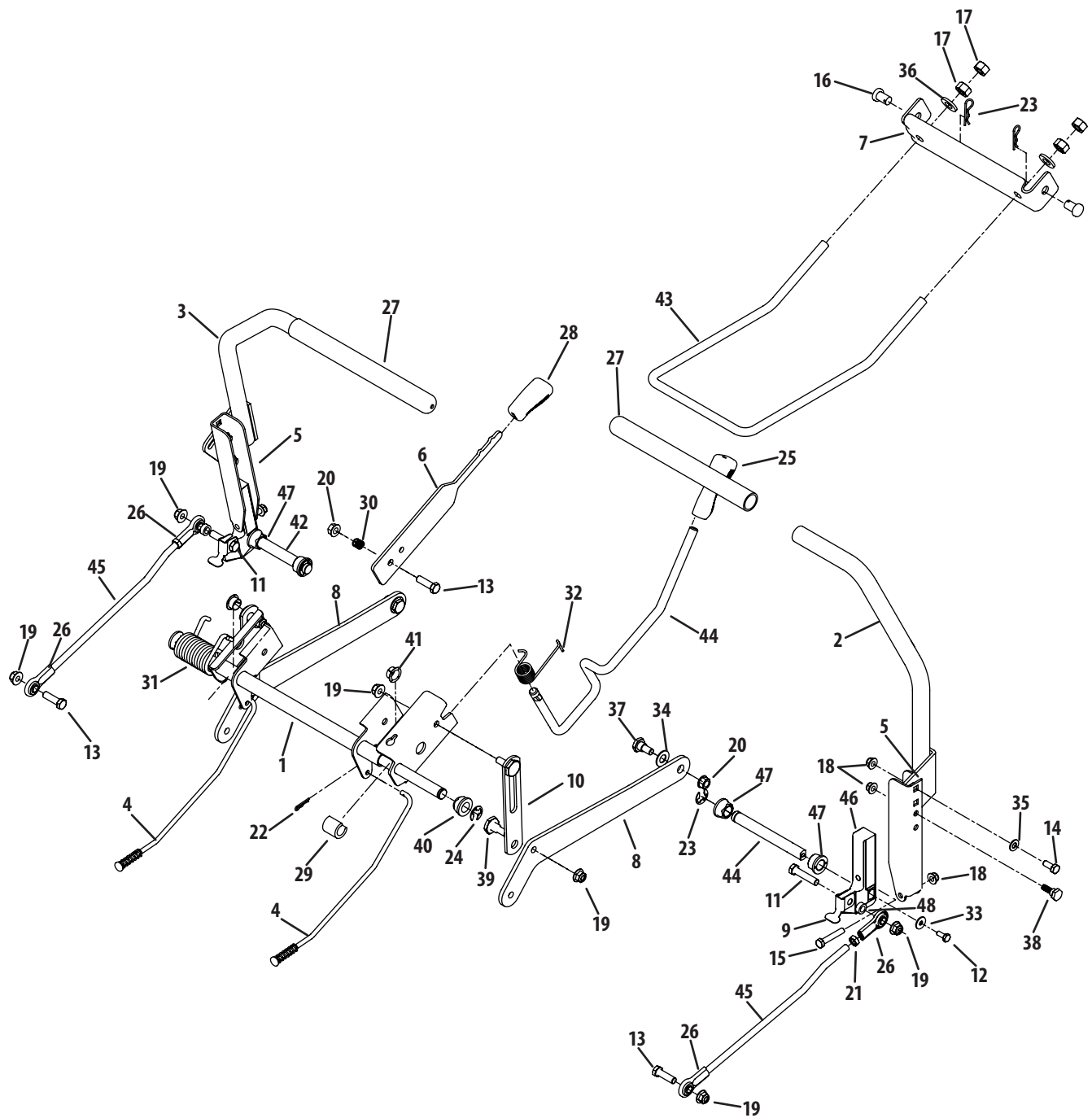
Ref.	Part Number	Description
1	603-04148C	Front Pivot Axle
2	603-04308	Castor Wheel Bracket
3	634-04237B	Wheel Assembly, 11.0 x 4.0 x 5.0
4	710-04186	Hex Lock Screw, 1/2-13 x 1.25
5	710-0514	Hex Cap Screw, 3/8-16 x 1.0
6	911-04228	Axle Shaft
7	712-3022	Hex Lock Nut, 1/2-13
8	731-05500	Flange Bearing, 1.0 x 1.246
9	936-0169	Lock Washer, 3/8
10	936-0227	Flat Washer, .39 x 1.5 x .134
11	736-0250	Flat Washer, 1.0 x 1.75 x .107
12	937-3000	Lube Fitting, 3/16 Drive
13	738-04182A	Shoulder Screw, 7/16-14 x .75 x 4.75
14	741-0516B	Flange Bearing, .76 x 1.0 x 1.2
15	741-0990B	Flange Bearing, .76 ID w/Lube Ftg.

Engine Connections



Ref.	Part Number	Description
1	703-05441A	Muffler Bracket
2	703-05870	Muffler Heat Shield
3	703-07712A	Heat Shield
4	710-0227	Hex Washer Screw, #8-18 x .500
5	710-04261	Hex Washer Screw, #12-16 x .50
6	710-04484	Hex Washer Screw, 5/16-18 x .750
7	710-04683	Hex Washer Screw, 3/8-16 x 1.000
8	710-0599	Hex Washer Screw, 1/4-20 x .500
9	710-1314A	Socket Head Screw, 5/16-18 x .750
10	710-3008	Hex Screw, 5/16-18 x .75
11	710-3157A	Hex Screw, 7/16-20 x 3.25
12	710-3217	Machine Screw, #8-32 x .375
13	712-0142	Hex Nut, #8-32
14	712-0271	Sems Nut, 1/4-20
15	712-04063	Flange Lock Nut, 5/16-18
16	917-04376A	Electric PTO Clutch
17	726-0205	Hose Clamp. .490
18	731-04914	Throttle Contrl Knob
19	736-0148	Lock Washer, 3/8
20	736-0171	Lock Washer, 7/16
21	736-0277	Flat Washer, 1.031 x 1.620 x .095
22	936-3008	Flat Washer, .344 x .750 x .120
23	746-04161	Throttle/Choke Control Cable
24	747-04228A	Tank Wire
25	751-0564B	Muffler Deflector
26	751-0617C	Single Inlet Muffler
27	751-10057D	Fuel Tank
28	751-10251	Exhaust Pipe
29	751-10349	Low Permeation Fuel Hose
30	951-10517A	Oil Drain
31	951-3124E	Fuel Cap
32	751-3141-14	Oil Drain Extension Hose
33	756-04376	Electric PTO Engine Pulley

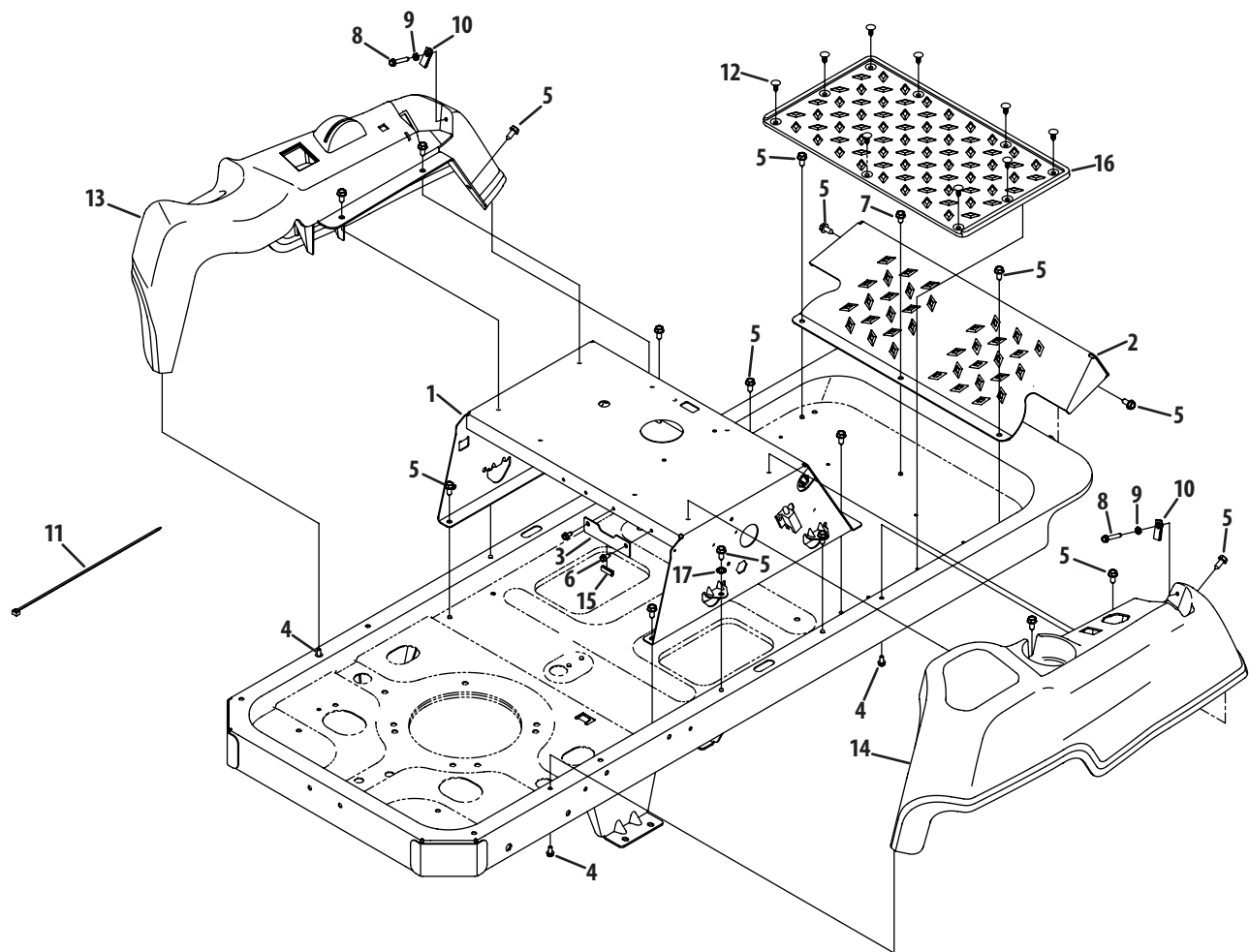
Operator's Controls



Ref.	Part Number	Description
1	603-04160B	Deck Lift Shift Assembly
2	603-04322	RH Lapbar Lever Assembly
3	603-04324	LH Lapbar Lever Assembly
4	947-04065	Brake Rod Assembly
5	703-05387B	Lapbar Pivot Bracket
6	703-05396A	Brake/Shabs Handle
7	703-05414A	Front Deck Hanger Bracket
8	703-05793A	Deck Lift Arm Plate
9	703-06096A	Switch Actuator Bracket
10	703-06169	Lift Link Plate
11	710-0347	Hex Screw, $\frac{3}{8}$ -16 x 1.75
12	710-0433	Hex Screw, $\frac{1}{4}$ -20 x .625
13	710-3005	Hex Screw, $\frac{3}{8}$ -16 x 1.25
14	710-3008	Hex Screw, $\frac{5}{16}$ -18 x .75
15	710-3180	Hex Screw, $\frac{5}{16}$ -18 x 1.75
16	911-0332	Clevis Pin, .50 x .78
17	912-0206	Hex Nut, $\frac{1}{2}$ -13
18	712-04063	Flange Lock Nut, $\frac{5}{16}$ -18
19	712-04065	Flange Lock Nut, $\frac{3}{8}$ -16
20	912-0431	Flange Lock Nut, $\frac{3}{8}$ -16
21	912-3001	Jam Nut, $\frac{3}{8}$ -24
22	914-0104	Cotter Pin, .072 x 1.13
23	914-04023	Cotter Pin, .080 x 1.5625
24	716-0106	E-Ring

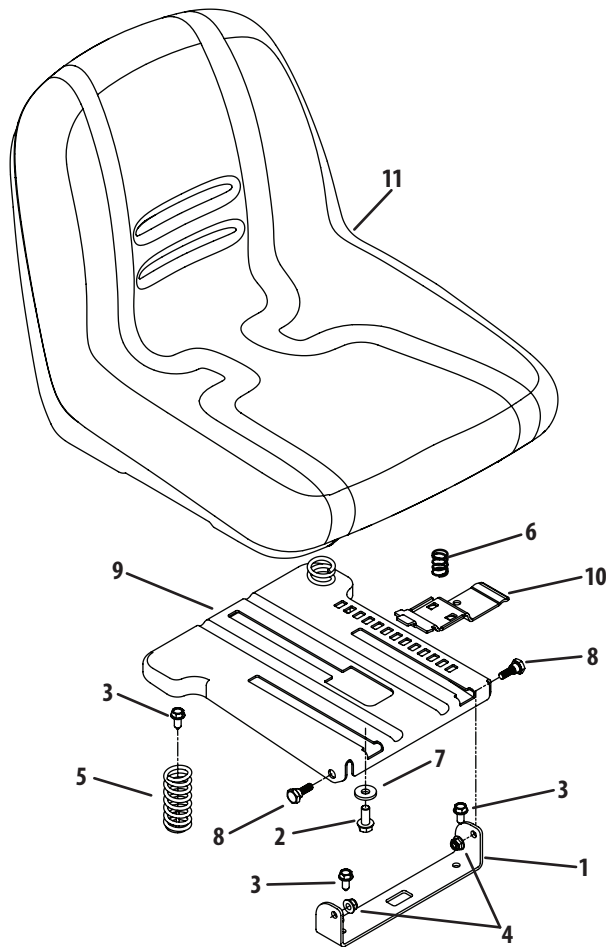
Ref.	Part Number	Description
25	720-0311	Handle Grip
26	723-04035	Rod End
27	731-04719A	Lapbar Grip
28	731-04735	Selector Handle
29	731-05732	Spacer, .621 x 1.00
30	932-0334	Compression Spring, .50 x .50
31	732-04420	Torsion Spring, 1.19 x 2.78
32	732-0874	Torsion Spring
33	736-0270	Bell Washer, .265 x .75 x .062
34	936-0272	Flat Washer, .510 x 1.00 x .060
35	936-0275	Flat Washer, .344 x .688 x .065
36	736-3019	Flat Washer, .531 x 1.062 x .134
37	736-0143	Shoulder Bolt, $\frac{3}{8}$ -16 x .496 x .336
38	938-0296	Shoulder Screw, $\frac{5}{16}$ -18 x .437 x .268
39	938-0507B	Shoulder Screw, .500 x .434
40	941-0225	Hex Flange Bearing
41	741-3074	Flange Bearing, .626 x .938 x .344
42	747-04226A	Shift Control
43	747-04401A	Front Hanger Deck Lift Rod
44	747-04637	Deck Lift Handle Rod
45	747-05057	Lapbar Rod Control
46	748-04169A	Control Hub
47	948-0227A	Hex Flange Bearing
48	750-04776	Spacer, .380 x .625 x .265

Operator's Platform



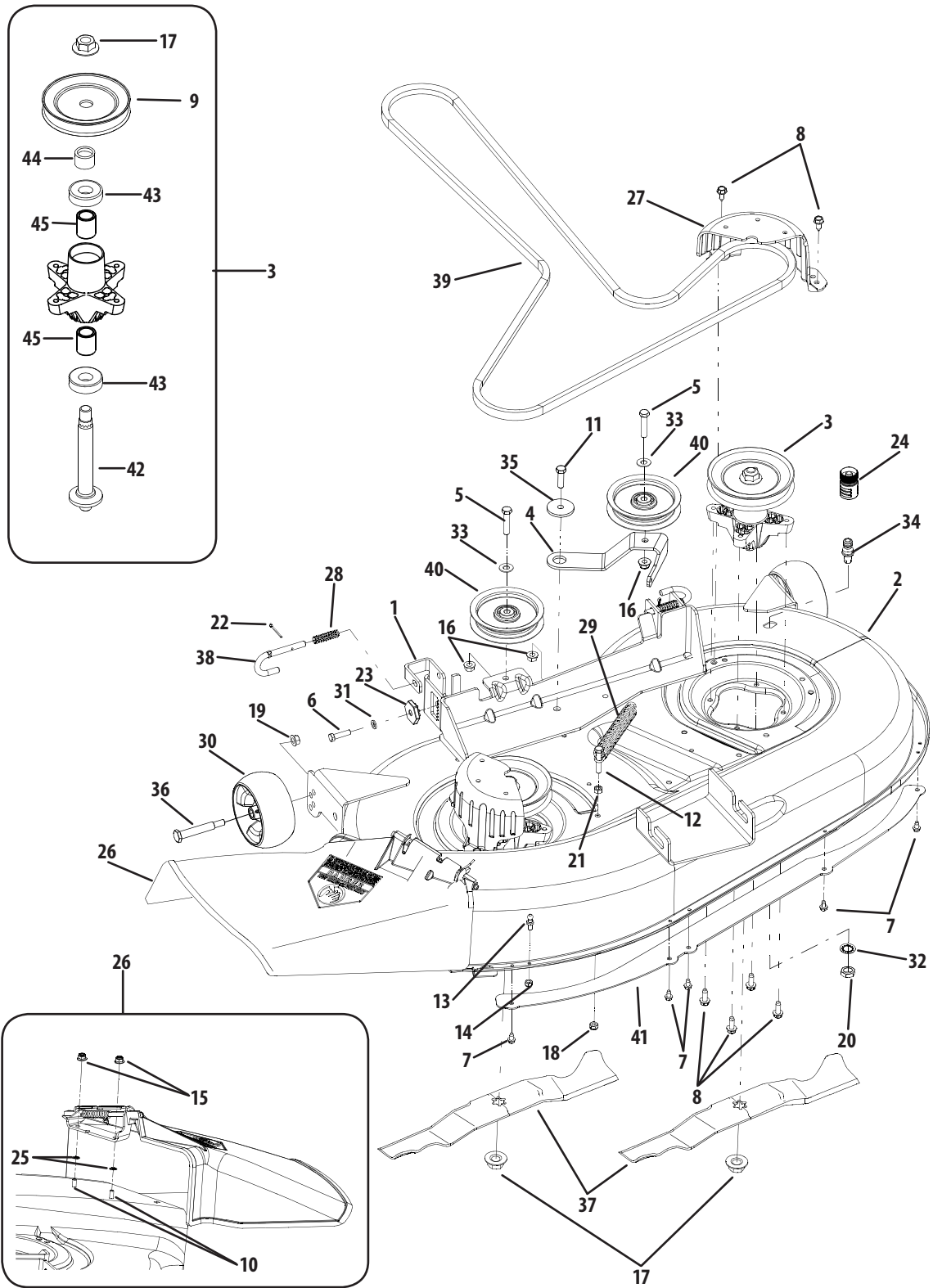
Ref.	Part Number	Description
1	603-04663	Seat Frame Assembly
2	703-05373B	Foot Rest Bracket
3	703-05894	Battery Hold-Down Bracket
4	710-04187	Hex Washer Screw, 1/4-15 x .50
5	710-04484	Hex Washer Screw, 5/16-18 x .750
6	710-0599	Hex Washer Screw, 1/4-20 x .500
7	710-0604A	Hex Washer Screw, 5/16-18 x .625
8	710-0778	Hex Washer Screw, 1/4-20 x 1.500
9	912-0298	Jam Nut, 1/4-20

Ref.	Part Number	Description
10	712-04092	U-Type Speed Nut, 1/4-20
11	726-0225	Cable Tie, 14.5
12	726-3046	Ratchet Clip
13	731-04662E	LH Console
14	731-04663D	RH Console
15	731-0511	Trim Strip
16	735-04082B	Foot Pad
17	736-0148	Lock Washer, 3/8



Ref.	Part Number	Description
1	703-06941	Seat Bracket
2	710-04482	Hex Flange Bolt, $\frac{3}{8}$ -16 x .875
3	710-04484	Hex Washer Screw, $\frac{5}{16}$ -18 x .750
4	712-04063	Flange Lock Nut, $\frac{5}{16}$ -18
5	732-04035	Compression Spring
6	732-04563	Compression Spring
7	736-0258	Flat Washer, .385 x 1.0 x .135
8	938-0296	Shoulder Screw, $\frac{5}{16}$ -18 x .437 x .268
9	783-06049	Seat Mount Bracket
10	783-06050	Seat Adjustment Lever
11	757-04103	High Back Seat

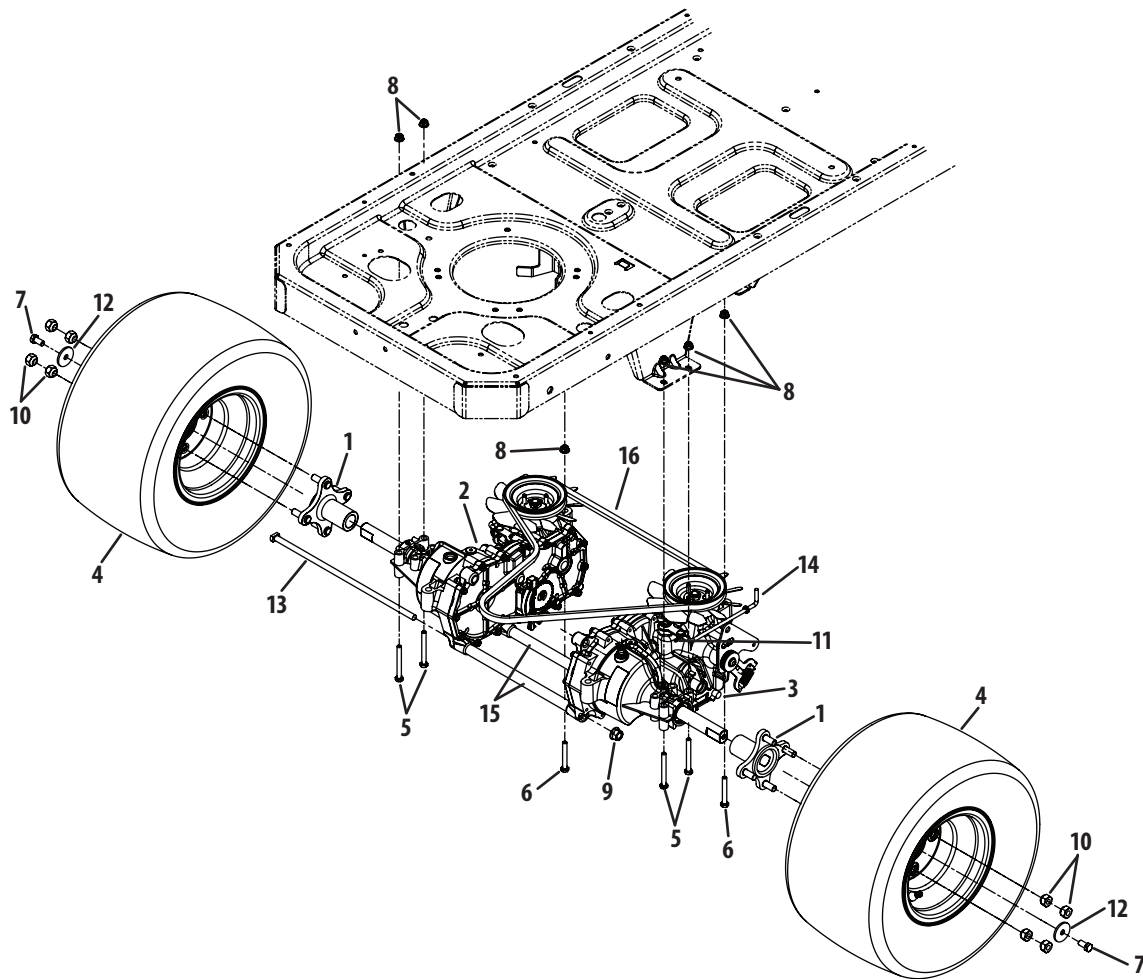
Mower Deck



Ref.	Part Number	Description
1	603-04156	Deck Lift Bracket
2	903-04335C	Deck Housing
3	918-0624A	Spindle Assembly
4	703-05824C	Idler Arm
5	710-0347	Hex Cap Screw, 3/8-16 x 1.75
6	710-0528	Hex Cap Screw, 5/16-18 x 1.25
7	710-0599	Hex Washer Screw, 1/4-20 x .5
8	710-04484	Hex Washer Screw, 5/16-18 x .750
9	956-1227	Deck Pulley, 6.3 Dia
10	710-0751	Hex Cap Screw, 1/4-20 x .62
11	710-3005	Hex Cap Screw, 3/8-16 x 1.25
12	710-3180	Hex Cap Screw, 5/16-18 x 1.75
13	911-04069	Grass Catcher Pin, 1/4-20
14	712-0324	Hex Insert Lock Nut, 1/4-20
15	712-04064	Hex Insert Flange Lock Nut, 1/4-20
16	712-04065	Hex Insert Flange Lock Nut, 3/8-16
17	712-0417A	Hex Flange Nut, 5/8-18
18	912-0429	Hex Insert Lock, 5/16-18
19	912-0431	Hex Flange Lock Nut, 3/8-16
20	912-0641	Hex Nut, M16-1.5
21	912-3010	Hex Nut, 5/16-18
22	914-0470	Cotter Pin, 1/8 x 1.25
23	917-04074	Deck Adjustment Gear

Ref.	Part Number	Description
24	921-04041	Water Nozzle Adapter
25	726-0233	Push Nut, .25 x .5
26	931-1032B	Discharge Chute Assembly
27	731-2231B	Belt Cover
28	732-04652	Compression Spring, .535 x 1.751
29	732-04609	Extension Spring, .94 Dia. x 6.74
30	734-04155	Deck Ball Wheel, 5.0
31	936-0119	Lock Washer, 5/16
32	736-0225	Lock Washer
33	736-3072	Flat Washer, .38 x .93 x .11
34	737-04003D	Deck Water Nozzle
35	738-04162A	Shoulder Spacer, .884 x .19
36	938-3056	Shoulder Screw, .5 x 2.5 x 3/8-16
37	942-0616A	Blade, 3 in 1, 21.23
38	747-1116	Deck Hanger Rod
39	954-04137A	V-Belt
40	756-04129B	Idler Pulley, 4.25 Dia
41	753-0884	Deck Skirt
42	738-1010A	Spindle Shaft, 5.75
43	941-0919	Ball Bearing
44	748-0433	Spacer, .820 x 1.15 x .73
45	750-1000	Spacer, .8 x 1.10 x 1.322

Rear Drive & Wheels



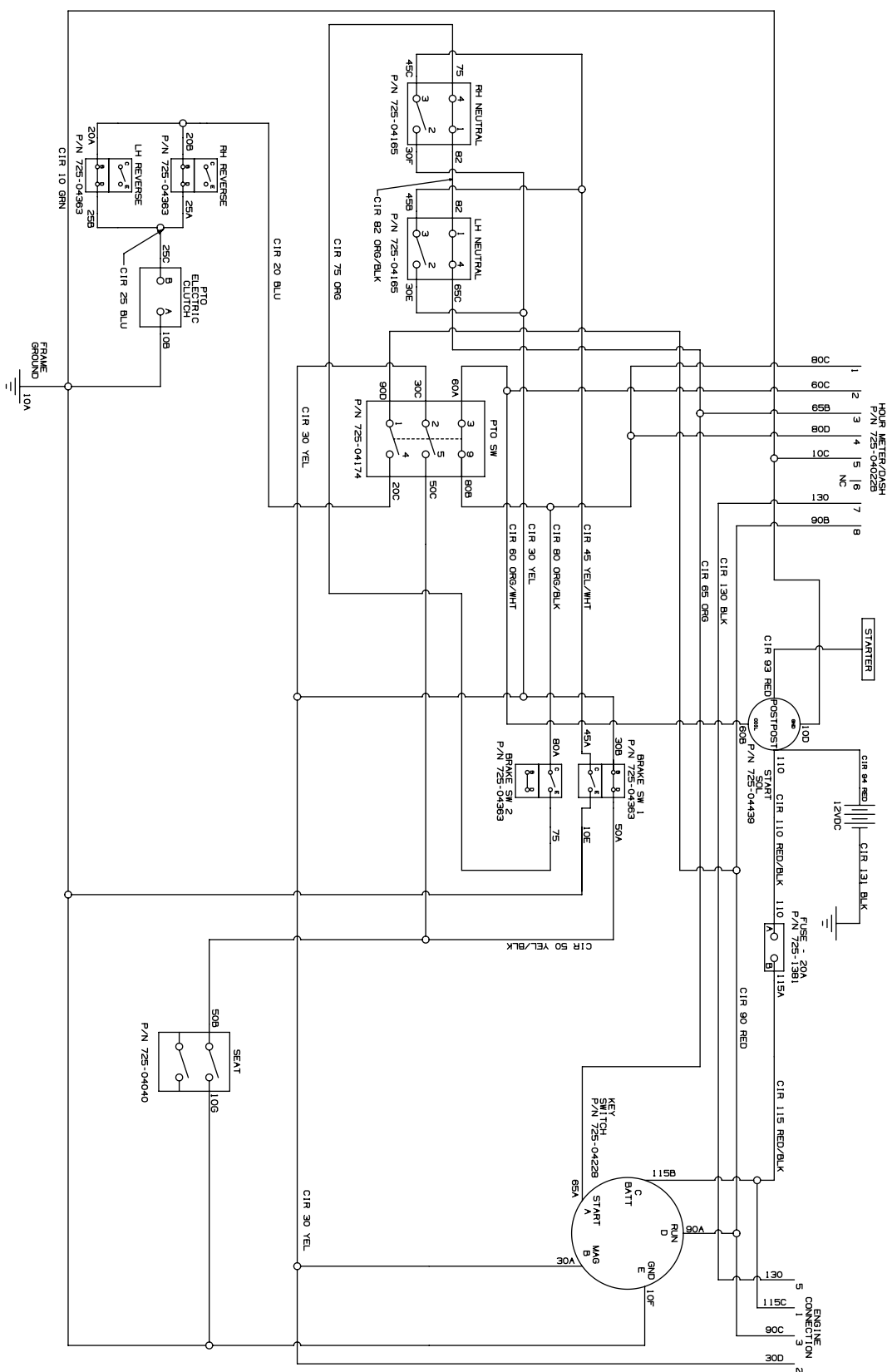
Ref.	Part Number	Description
1	918-04317	Wheel Hub
2	918-04431A	LH Transmission Assembly
3	918-04432A	RH Transmission Assembly
4	634-04294	Wheel Assembly, 18 x 8.5 x 8
—	734-04246	Tire, 18 x 8.5 x 8
—	603-04173	Rim Assembly
—	934-0255	Valve Assembly
5	710-0176	Hex Screw, $\frac{5}{16}$ -18 x 2.75
6	710-0395	Hex Screw, $\frac{5}{16}$ -18 x 2.25
7	710-3119	Hex Lock Screw, $\frac{3}{8}$ -16 x .75

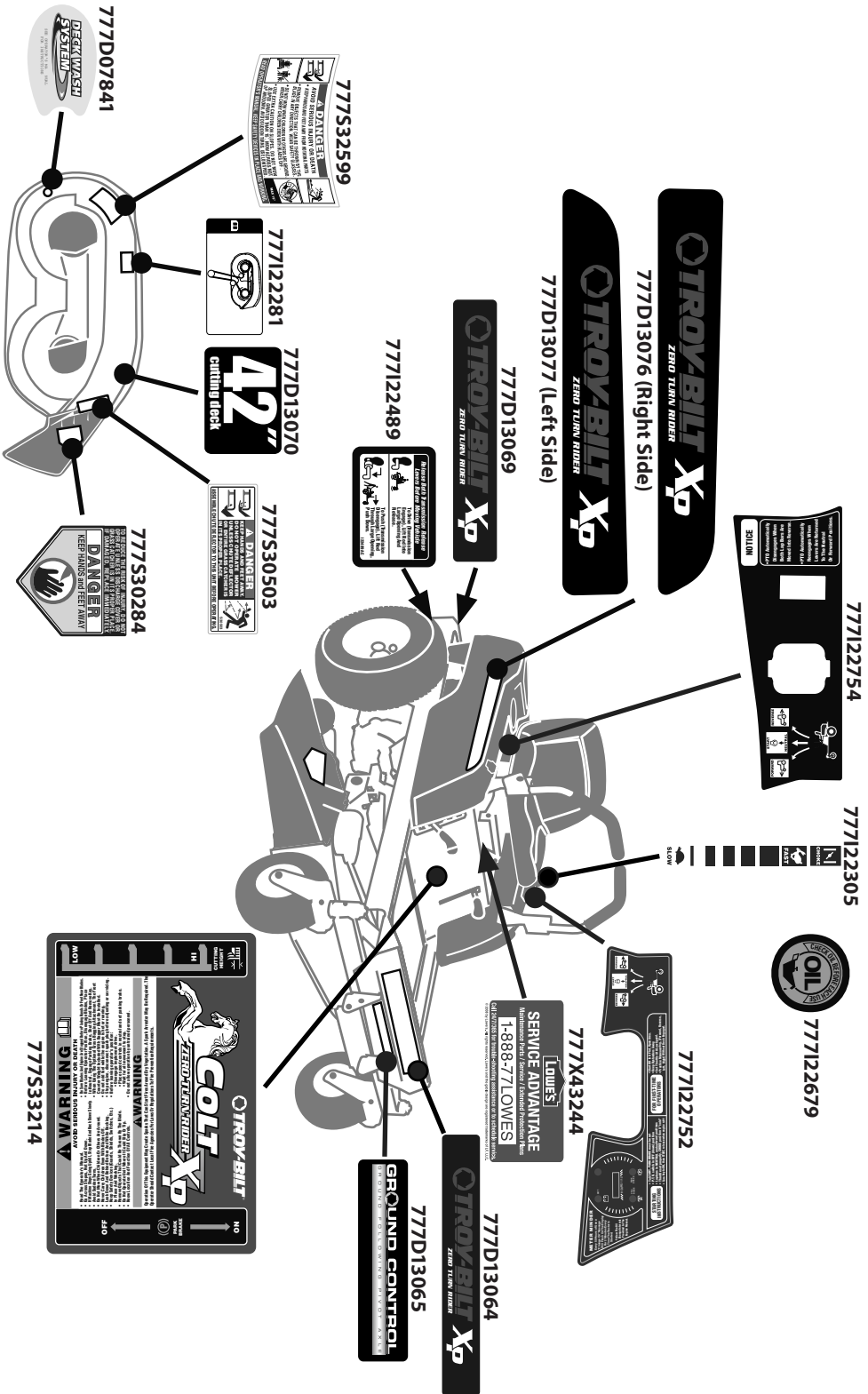
Ref.	Part Number	Description
8	712-04063	Hex Flange Lock Nut, $\frac{5}{16}$ -18
9	712-0459	Hex Flange Lock Nut, $\frac{7}{16}$ -20
10	712-3050	Lug Nut, $\frac{7}{16}$ -14
11	914-0507	Cotter Pin, $\frac{3}{32}$ x .75
12	936-0227	Flat Washer, .39 x 1.5 x .134
13	738-04192	Rod, .405 x 14.0
14	747-04217C	Bypass Rod
15	750-04561	Tube, .45 x .69 x 10.2
16	954-04043A	V-Belt

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To order replacement parts or locate your nearest service dealer call Customer Support at (800) 828-5500.
or visit www.troybilt.com to find the nearest authorized dealer in your area.

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