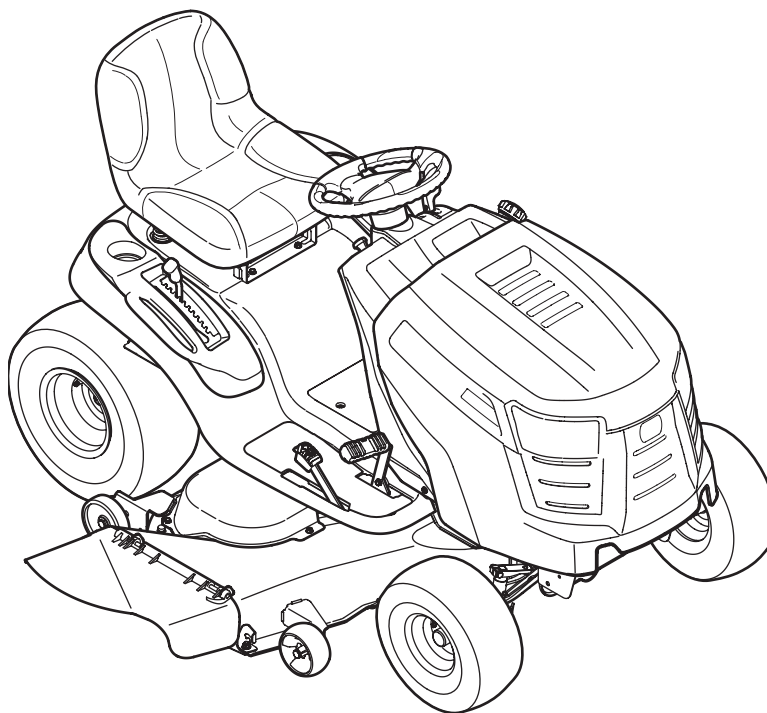

Cub Cadet®

ILLUSTRATED PARTS MANUAL



Hydrostatic Lawn Tractor — LTX1050

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

To The Owner

Thank you for purchasing an Cub Cadet Lawn 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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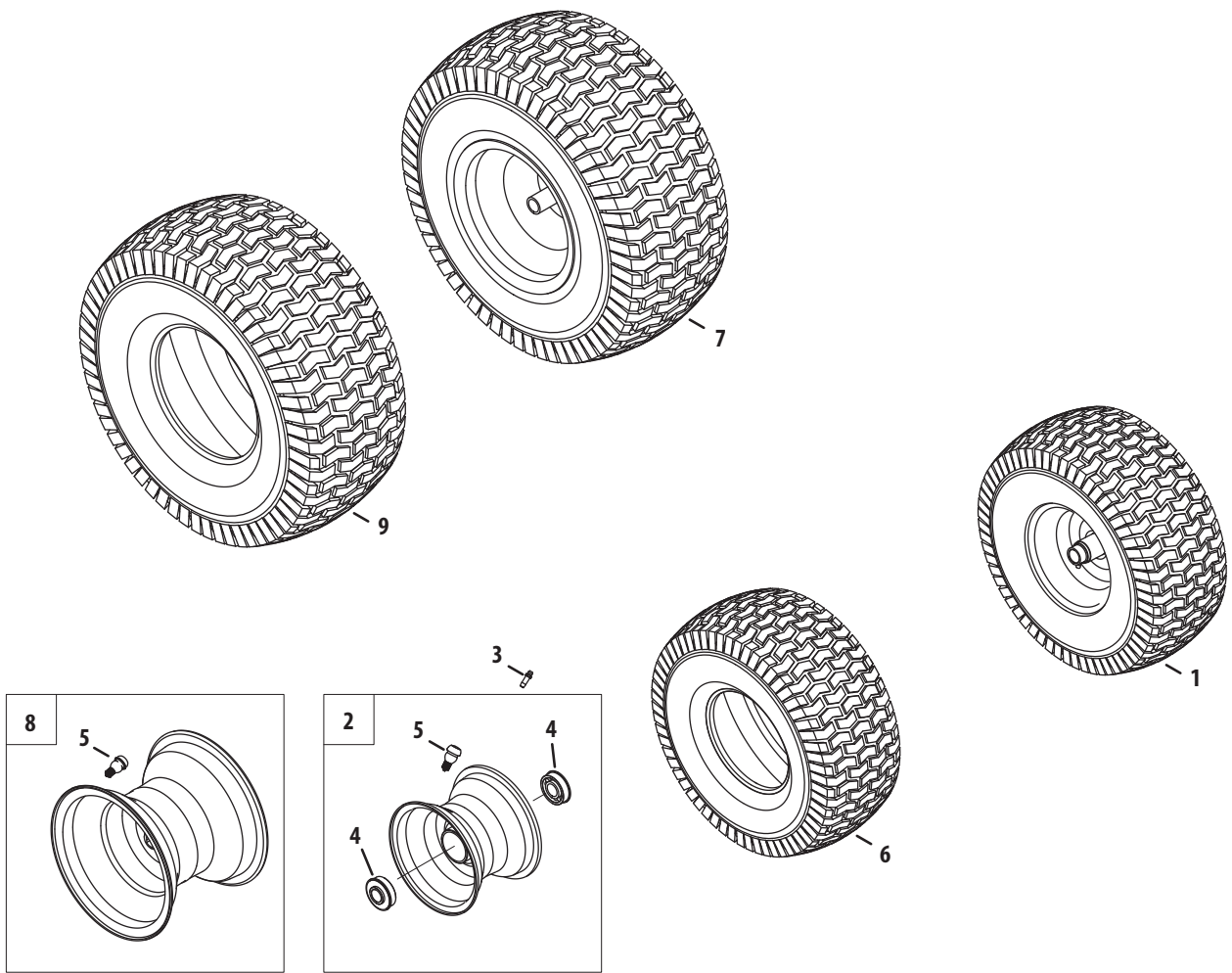
SERIAL NUMBER

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Painted Parts

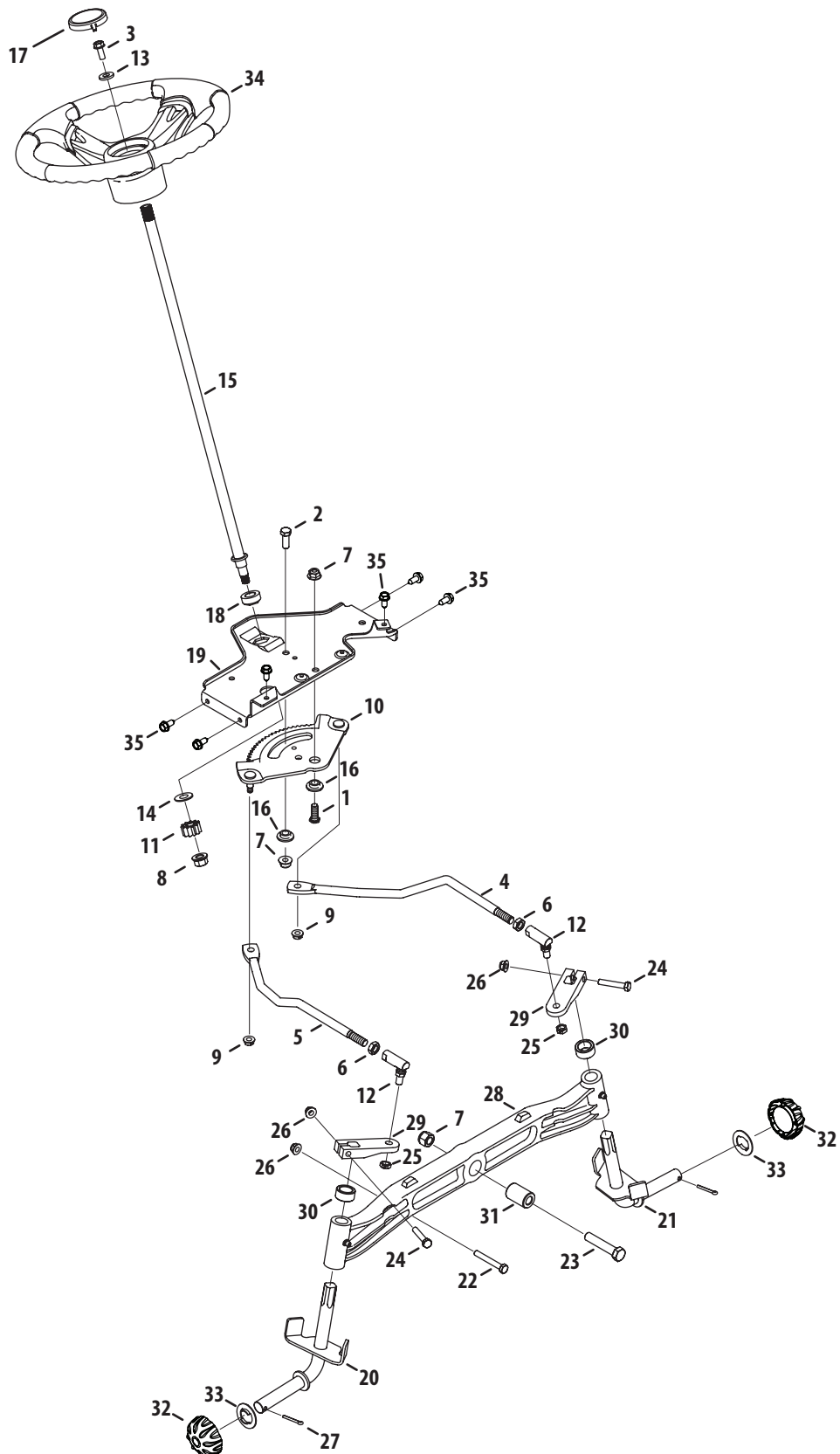
When ordering painted service parts, a four digit color suffix must be added to the part number (e.g. 783-XXXX-0637). Please refer to the table below for current color codes:

0637	Black	0685	Blue (Cub Cadet)
4021	Yellow (Cub Cadet)	0691	Black Jack (Cub Cadet Commercial)
0499	Beige (Cub Cadet)		



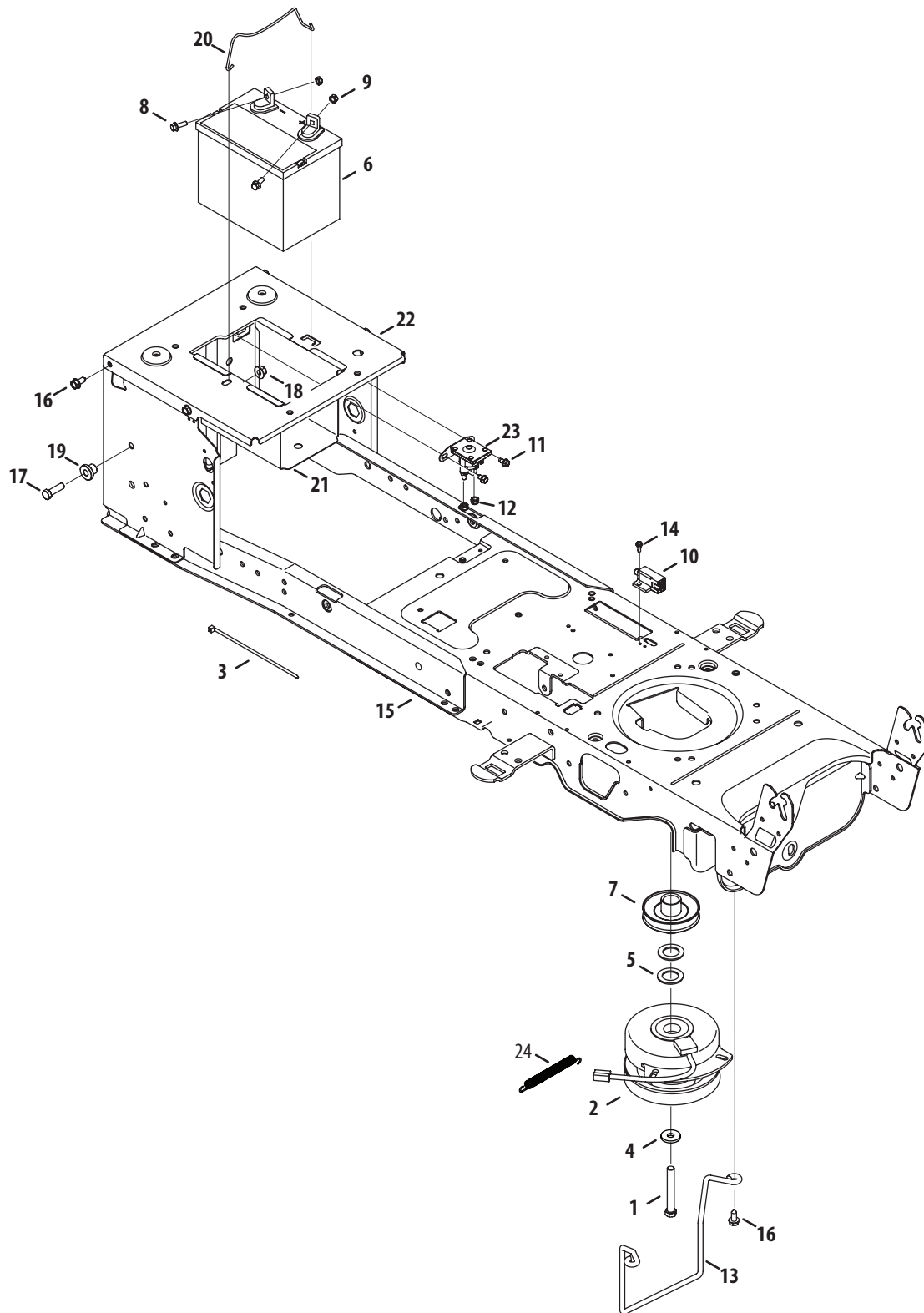
Ref.	Part Number	Description
1.	634-0115-0931	Wheel Ass'y, Complete, 15 x 6 x 6
2.	934-0051-0499	Rim Ass'y, 6.0 x 4.5, Ball Bearings
3.	937-0280	Grease Fitting
4.	941-0569	Wheel Bearing 12 x 5 Ball Brg.
5.	934-0255	Valve, Tubeless Air
6.	734-1731-0901	Tire, 15 x 6 x 6 Sq Shoulder
7.	634-0104-0931	Wheel, Complete, 20 x 8 x 8
8.	634-04369-0499	Rim Ass'y, 8.0 x 7.0 x .750 ID
9.	734-1730-0901	Tire, 20 x 8 x 8 Sq Shoulder

Steering



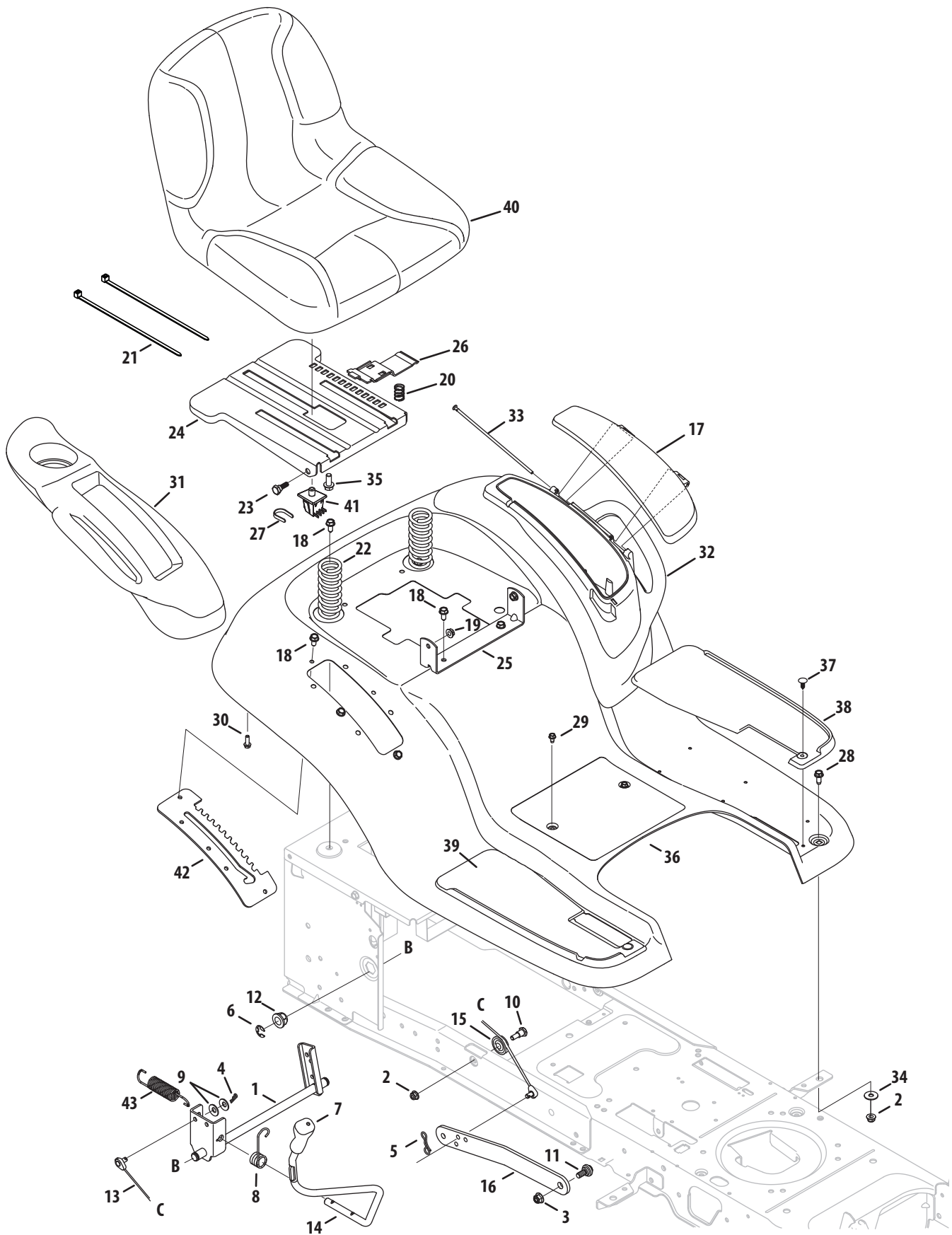
Ref.	Part Number	Description
1.	710-04095	Hex Screw, 3/8-16, 1.00, Gr5, Spec
2.	710-0514	Hex Screw, 3/8-16, 1.00, Gr5, Std
3.	710-0650	Hex Screw, 5/16-18, .875, Gr5, Lock
4.	711-04998	Link, Drag LH
5.	711-04999	Link, Drag RH
6.	912-0240	Nut, Jam, 7/16-20, Gr2
7.	712-04065	Nut, Flange Lock, 3/8-16, Grf,
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.	738-04262	Shaft, Steering, .625 OD x 25, Cub
16.	738-04363	Spacer, Shoulder, .385x 1.25 x .3025
17.	731-04039	Steering Wheel Cover
18.	741-04237B	Bearing, Flange, Hex 5/8 Pm
19.	783-06043	Bracket, Support, Steering
20.	638-04022	Axle Ass'y, RH .750 Dia.
21.	638-04028	Axle Ass'y, LH .750 Dia.
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.	748-04278	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.	731-2290A	Cap, Hub
33.	736-04228A	Washer, Flat, .350 x 1.559 x .062
34.	631-04008A	Wheel, Steering, 3 Spoke, Softgrip
35.	710-04484	Screw, Self-tapping, 5/16-18, .750,

Frame, Electrical and PTO



Ref.	Part Number	Description
1.	710-04379A	Hex Screw, 7/16-20, 3.50, Gr5, Lock
2.	917-05122	Clutch, Electric PTO
	725-06019	Clutch Harness Wire 11.625"
3.	725-0157	Cable, Tie, 3/16 X .05 X 7.4
4.	736-0322	Washer, Flat, .450 x 1.25 x .164
5.	736-0277	Washer, Flat, 1.031 X1.620 X.095
6.	925-1707D	Battery
7.	756-0978B	Engine Pulley, Electric PTO
8.	710-04666	Hex Flange Screw, 1/4-20, .75, Gr5
9.	712-0271	Nut, Sems, 1/4-20
10.	725-04363	Switch, Interlock
11.	710-0653	Screw, Self-tapping, 1/4-20, 0.375
12.	712-04064	Nut, Flange Lock, 1/4-20, Nylon
13.	747-05195	Rod, Keeper
14.	738-04237A	Screw, Shoulder, #10-32, .50
15.	683-04469C	Frame Assembly, Lower
16.	710-04484	Screw, Self-tapping, 5/16-18, .750
17.	710-3005	Hex Head Screw, 3/8-16:1.25
18.	712-04065	Nut, Flange Lock, 3/8-16, Nylon
19.	738-04058	Spacer, Shoulder, .38 X 1.0 X .70
20.	747-04121A	Rod, Battery
21.	783-0349	Tray, Battery
22.	783-06089	Bracket, Frame, Seat
23.	725-04439	Solenoid, 12V, 100 Amp, 4 term
24.	732-0814	Spr, Extn, .56 Dia X 5.52
—	925-04093	Harness Assembly, Main

Seat, Fender and Lift

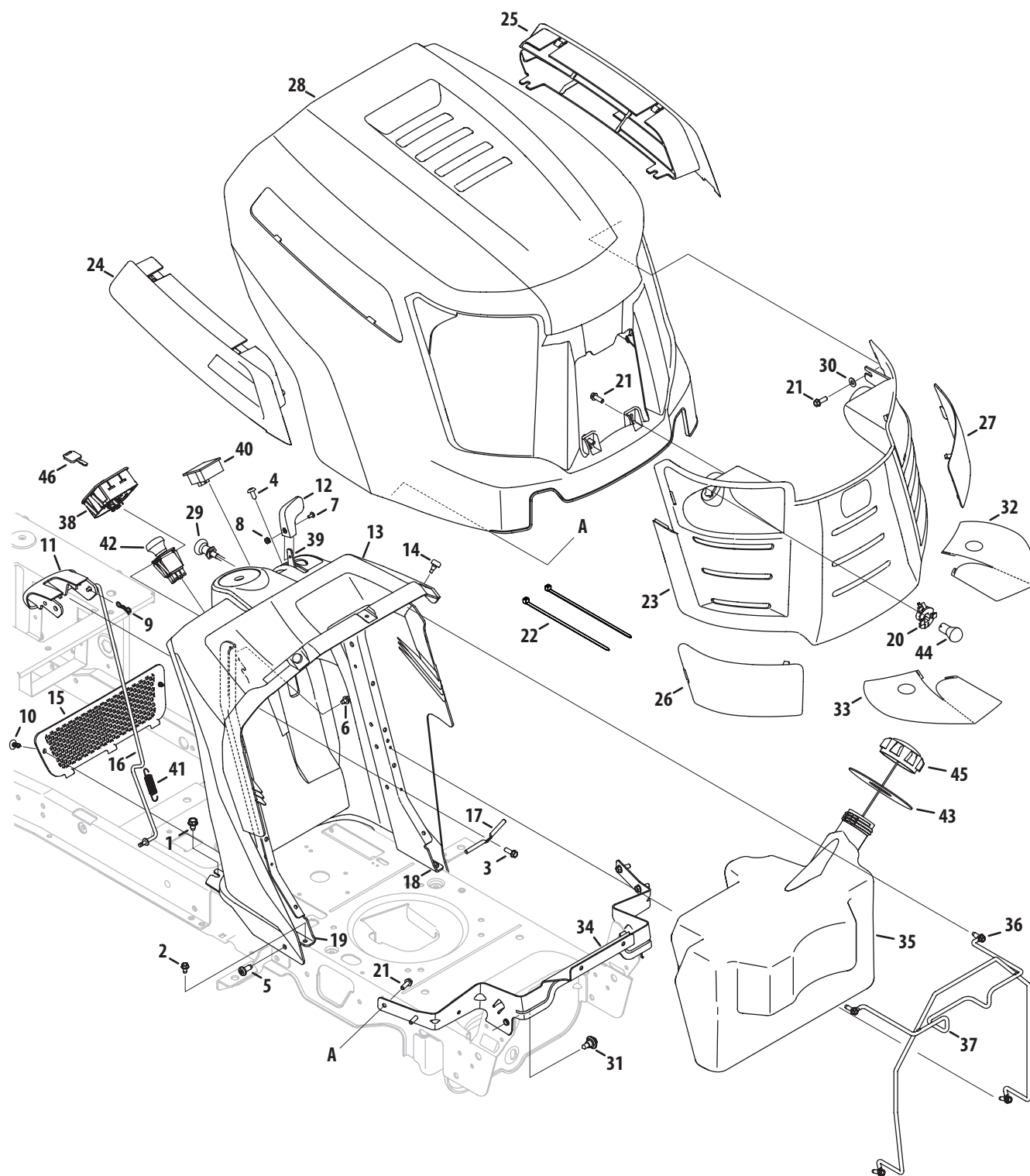


Seat, Fender and Lift

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.	720-04139B	Grip, Handle, Cub, .50 ID
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, .50, 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	Link, Lift
17.	731-06584	Door, Cover, Fender
18.	710-04484	Screw, Self-tapping, 5/16-18, .750,
19.	712-3004A	Nut, Flange Lock, 5/16-18, Gr5, Sd Lk
20.	732-04563	Spring, Compr', .68 x 1.065 x .055
21.	725-0157	Cable, Tie, 3/16 x .05 x 7.4
22.	732-04849	Spring, Compr's, 1.50 x 3.90 x .200

Ref.	Part Number	Description
23.	938-0296	Screw, Shoulder, .437 x .268, 5/16-18
24.	783-06049	Bracket, Mounting, Seat
25.	783-06088	Bracket, Pivot, Seat
26.	783-06050	Lever, Seat Adjustment
27.	783-06448	Clip, Retaining, Switch
28.	710-1260A	Hex Screw, 5/16-18, .75, Gr5, Std
29.	710-0599	Screw, Self-tapping, 1/4-20, 0.500,
30.	710-0895	Screw, HL, 1/4-15, 0.750,
31.	731-06700	Cover, Fender, RH
32.	731-06676	Cover, Fender, LH
33.	747-05039	Pin, Door
34.	736-3078	Washer, Flat .344 x 1.00 x .063
35.	710-04482	Hex Flange Screw, 3/8/16, .875, Gr5
36.	783-06118	Fender, Cub Hydro
37.	726-3046	Clip, Ratchet, .250 Dia
38.	735-04137	Pad, Foot, LH
39.	735-04139	Pad, Foot, RH
40.	757-04091	Seat, High Back Cloth, Cub
41.	925-05013	Switch, Seat
42.	783-06181	Bracket, Lift
43.	732-0934	Spring, Extension, 1.15 OD x 5.99

Fuel Tank, Hood and Dash

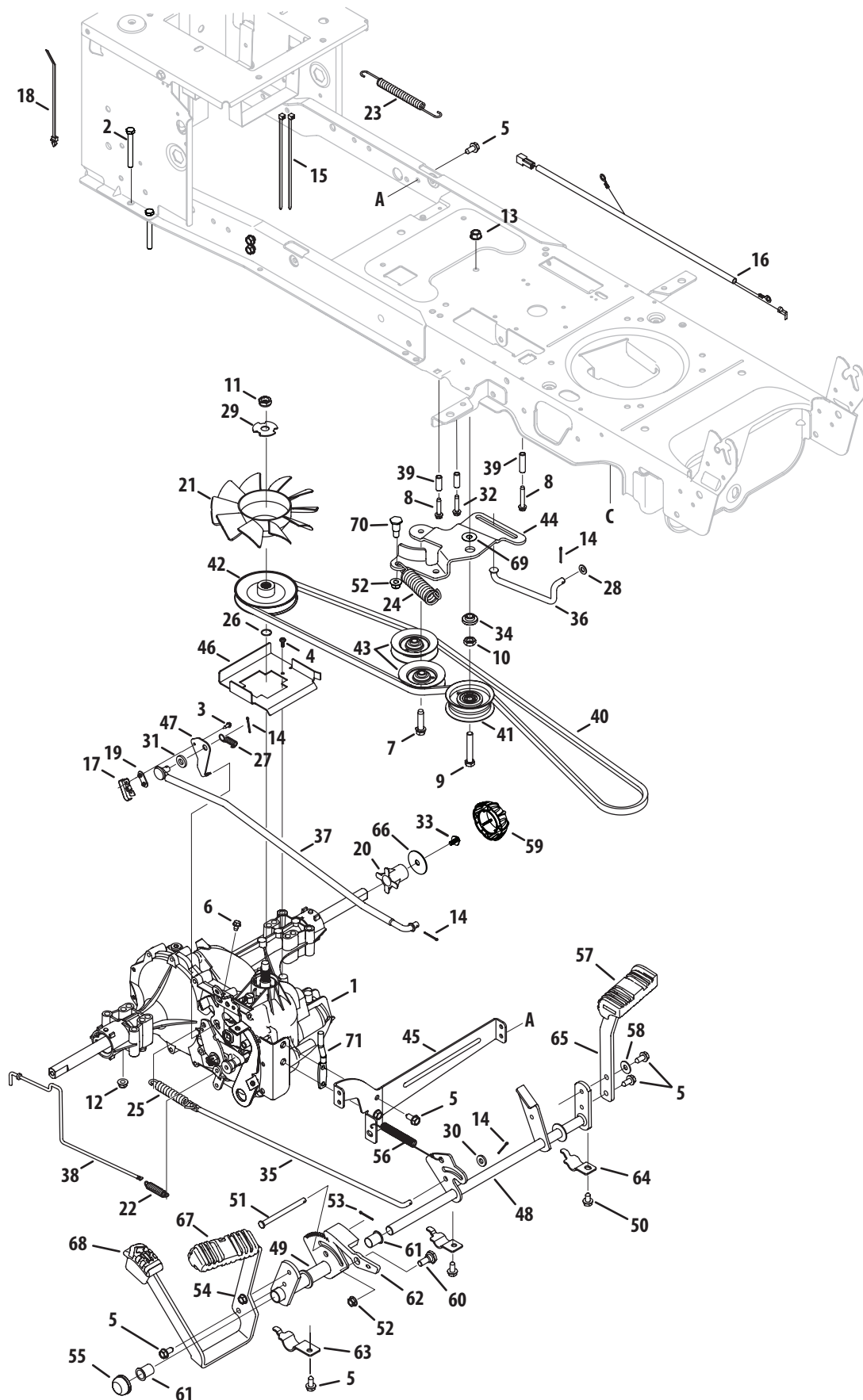


Fuel Tank, Hood and Dash

Ref.	Part Number	Description
1.	710-04484	Screw, Self-tapping, 5/16-18, .750
2.	710-0599	Screw, Self-tapping, 1/4-20, 0.500
3.	710-0895	Screw, HL, 1/4-15, 0.750
4.	710-1017	Screw, Ab, 1/4-14, 0.625,
5.	710-1611B	Screw, Self-tapping, 5/16-18, 0.750,
6.	710-1652	Screw, Self-tapping, 1/4-20 x .625
7.	710-3217	Screw, Mach, #8-32, 0.375
8.	712-0142	Nut, Hex, #8-32
9.	714-04040	Pin, Cotter, Bow-Tie 72
10.	726-3046	Clip, Ratchet, .250 Dia
11.	731-05447A	Lever, Dash, Cruise/Brake
12.	731-06593	Knob, Throttle
13.	931-06554	Dash Panel, A-Style, Elect PTO
14.	735-0271A	Bumper, .62 Dia X .3
15.	735-04076	Net
16.	747-05009B	Rod, Control, Latch Cub
17.	747-1196	Rod, Lever, Bent
18.	783-06098	Support, Dash, Plate LH
19.	783-06099	Support, Dash, Plate RH
20.	925-1649	Socket, Lamp
21.	710-05108	Screw, 1/4 Dia, .750
22.	926-0154	Tie, Cable, Push Mount 7.5 Lg
23.	931-04322	Grille Ass'y (Incl. 26, 27, 32 & 33)

Ref.	Part Number	Description
24.	931-06542B	Scoop, Hood, RH A-Style
25.	931-06543B	Scoop, Hood, LH A-Style
26.	931-06558	Lens, Hood, RH A-Style
27.	931-06559	Lens, Hood, LH A-Style
28.	931-06634	Hood, A-Style
29.	746-04120	Choke Control
30.	936-3020	Washer, Flat, .271, .630, .065
31.	738-04091A	Screw, Shoulder, .43x.29, 5/16-18
32.	777X44055	Reflector, Cub A Style, LH
33.	777X44056	Reflector, Cub A Style, RH
34.	783-06114	Bracket, Pivot, Hood A-Style
35.	751-10879B	Tank, Fuel, 3.75 Gal.
36.	710-1652	Screw, Self-tapping, 1/4-20, .625
37.	747-05040A	Rod, Support, Fuel Tank
38.	925-04230B	Key Switch
39.	946-04352A	Throttle Control
40.	925-04022B	Meter, Indicator
41.	732-04580	Spring, .500 Dia. x 2.733
42.	725-04258	Switch, Electric PTO, Yellow
43.	735-04170	Gasket, Fuel Tank
44.	925-0963	Lamp, 12v
45.	751-0603A	Cap, Fuel
46.	925-2054A	Key, Ignition

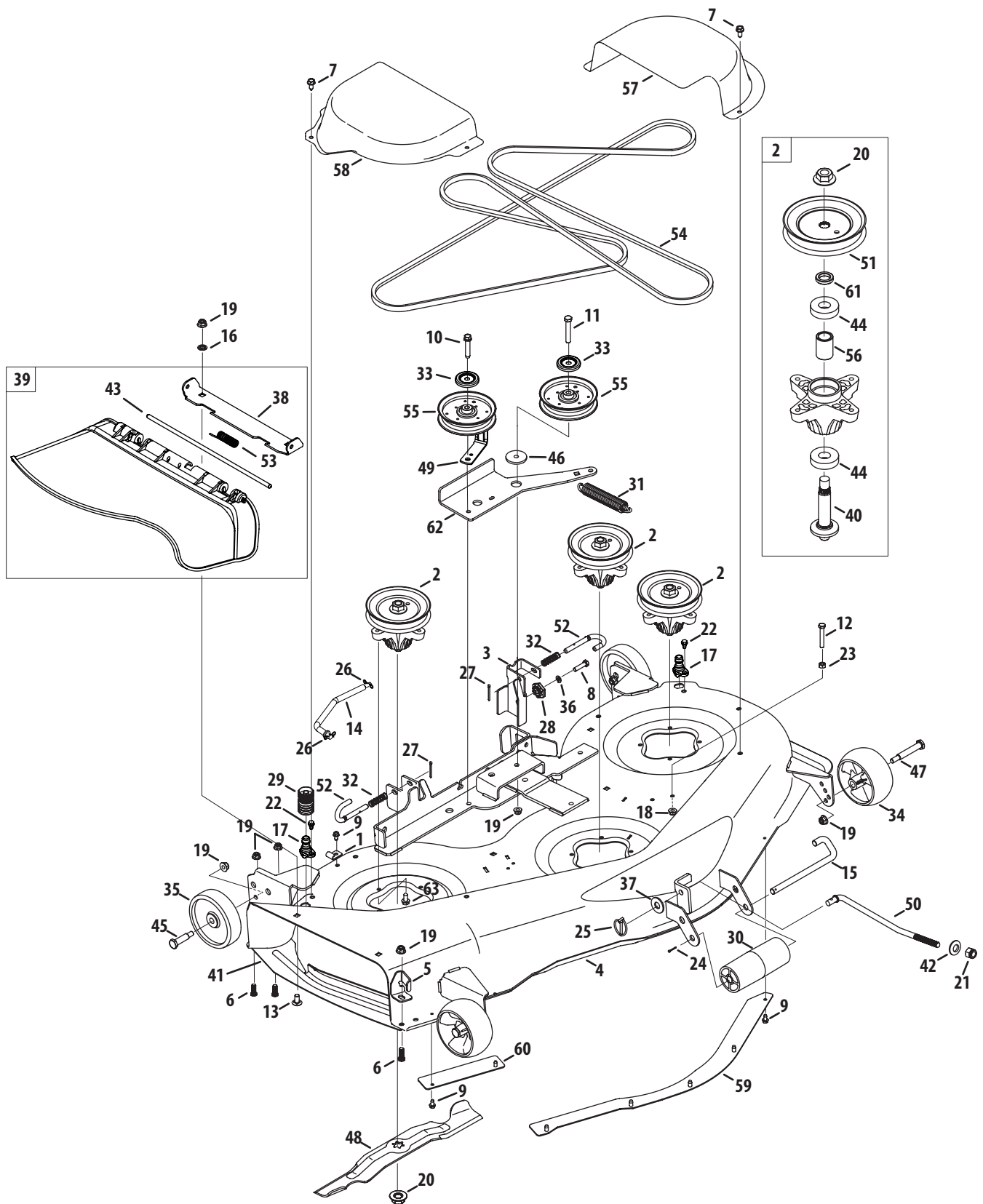
Drive System



Ref.	Part Number	Description
1.	918-0319	Transmission, Hydro-Gear 0510
2.	710-0176	Hex Screw, 5/16-18, 2.75, Gr5, Std
3.	710-0227	Screw, #8-18, 0.500,
4.	710-0351	Screw, #10-16, 0.500
5.	710-04484	Screw, Self-tapping, 5/16-18, .750
6.	710-0653	Screw, Self-tapping, 1/4-20, 0.375
7.	710-1007	Screw, Self-tapping, 3/8-16, 1.500
8.	710-1325	Screw, Self-tapping, 1/4-20, 1.625
9.	710-3011	Hex Screw, 3/8-16, 2.25, Gr5
10.	912-0240	Nut, Jam, 7/16-20, Gr2
11.	912-0346	Nut, Jam Lock, 1/2-20, Gr5, Nylon
12.	712-04063	Nut, Flange Lock, 5/16-18, Nylon
13.	912-0431	Nut, Flange Lock, 3/8-16
14.	914-0111	Pin, Cotter, 3/32, 1.0
15.	725-0157	Cable, Tie, 3/16 x .05 x 7.4
16.	725-04791A	Jumper Harness, Ground & Reverse
17.	725-1644	Switch, Spring, Short
18.	926-0154	Tie, Cable, Push Mount 7.5
19.	926-0320	Plate, Insulator Nut
20.	731-05299A	Sleeve, .765 Id x 1.500
21.	731-06098	Fan, Hydro
22.	932-0209	Spring, Extension, .48 Od x 2.03
23.	732-04606	Spring, Extension, .500 Dia x 12.6
24.	732-04792	Spring, Extension, 1.00 Dia x 4.75
25.	732-0716D	Spring, Extension, .59 Od x 4.00
26.	732-0729	Ring, Wire
27.	732-3118	Spring, Extension, .375 Od x 1.44
28.	936-0264	Washer, Flat, .330 x .630 x .0635
29.	736-04263	Washer, Lock, Transmission Hydro
30.	936-3008	Washer, Flat, .344 x .750 x .120
31.	736-3010	Washer, Flat, .407x.812x.135, Ht
32.	710-1026	Screw, Self-tapping, 1/4-20 x 1.75
33.	710-05339	Screw, 5/16-24 x .750
34.	738-04420	Spacer, Shoulder, 1.375 x .380 x .183
35.	747-04139	Rod, Brake, LT Hydro
36.	747-04957A	Rod, Transmission, Bypass

Ref.	Part Number	Description
37.	747-04979	Rod, Control, Hydro
38.	747-04991	Rod, Hydro Bypass
39.	750-04456	Spacer, .260 x .372 x 1.420
40.	954-04207	Belt, V-Type
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.	783-06027B	Bracket, Idler, Center Double
45.	783-06133	Bracket, Mount, Hydro
46.	783-06260	Bracket, Support, Belt Disengage
47.	783-1019B	Bracket, Actuator, Switch
48.	647-04152D	Control Assembly, Brake
49.	683-04488	Bracket Assembly, Pedal, Hydro
50.	710-0604A	Screw, Self-tapping, 5/16-18, 0.625,
51.	711-05068A	Pin, Clevis, 5/16 x 3.985
52.	712-04065	Nut, Flange Lock, 3/8-16, Nylon
53.	714-04040	Pin, Cotter, Bow-Tie 72
54.	783-06059	Bracket, Pedal, Hydro
55.	726-0214	Cap, Push 5/8
56.	732-04587	Spring, Extension, .63 Dia x 4.95
57.	735-04136	Pad, Pedal, Brake
58.	736-0242	Washer, Bell, .340 x .872 x .060
59.	731-2290A	Cap, Hub
60.	938-0380	Bolt, Shoulder, .500 x .270, 3/8-16
61.	741-0495	Bearing, Flange, .630 x .695 x .60
62.	748-04203	Latch, Cruise
63.	783-05914	Bracket, Support, Pedal Strap
64.	783-05940	Bracket, Support, Pedal Strap 5/8
65.	783-06103A	Bracket, Pedal, Brake
66.	736-0430	Washer, Flat, .350 x 1.59 x .062
67.	735-04118A	Pad, Pedal, Forward
68.	735-04135	Pad, Pedal, Reverse
69.	936-0344	Wash, Flat, .385 x 1.00 x .030
70.	738-0430	Scr, Shldr, .50 x .685 3/8-16
71.	747-05444A	Belt Keeper Rod

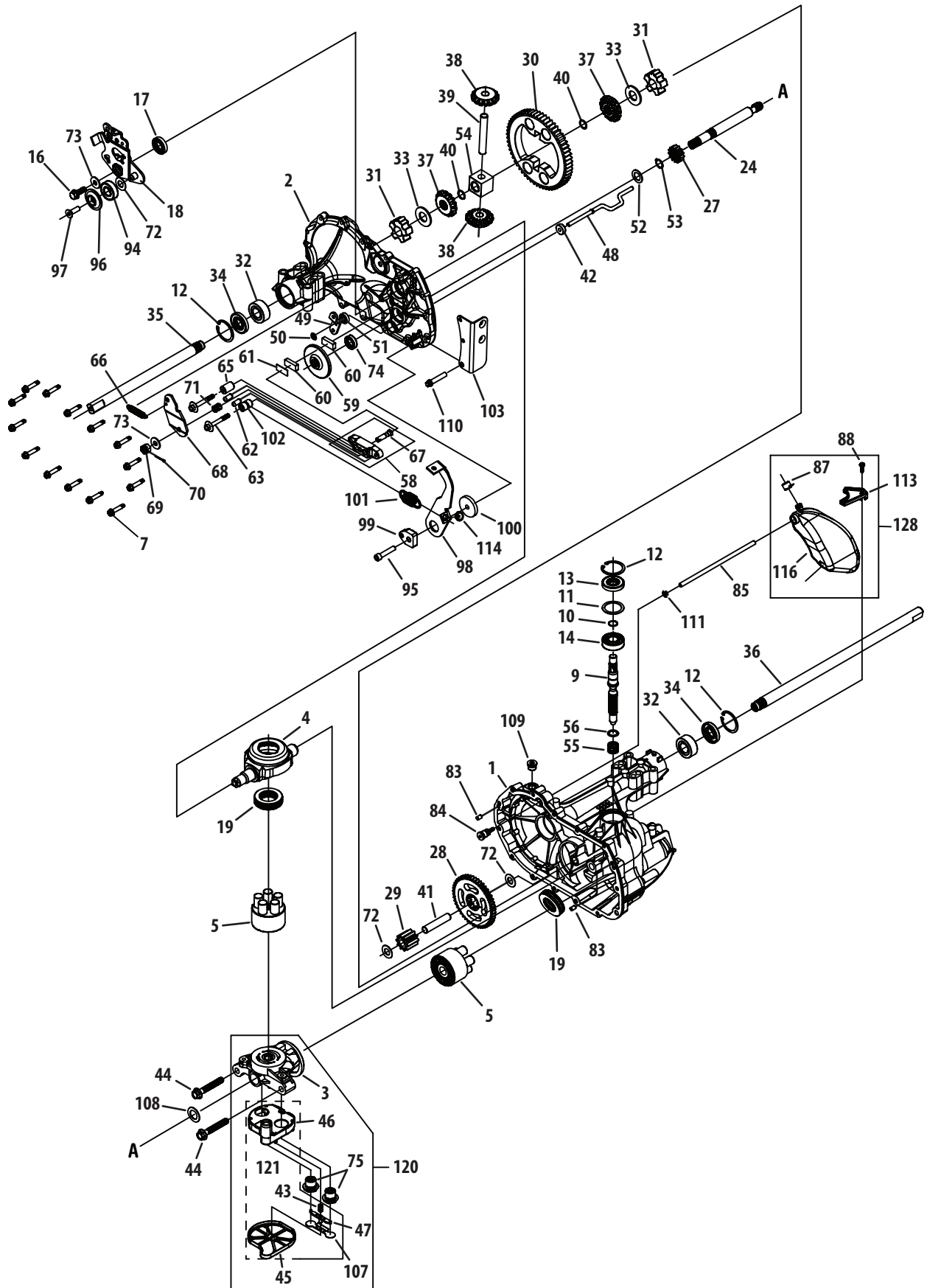
50-inch Deck



Ref.	Part Number	Description
1.	96606	Bracket, Hook, Retainer
2.	918-05016	Spindle Assembly, Pulley, 5.3 Dia.
3.	683-0254B	Bracket Assembly, Deck, Hanger LH
4.	983-04648A	Deck Assembly, 50"
5.	703-3279	Stop, Chute, Deflector
6.	710-04095	Hex Screw, 3/8-16, 1.00, Gr5, Spec
7.	710-04484	Screw, Self-tapping, 5/16-18, .750,
8.	710-0528	Hex Screw, 5/16-18, 1.25, Gr5, Std
9.	710-0599	Screw, Self-tapping, 1/4-20, 0.500
10.	710-1007	Screw, Self-tapping, 3/8-16, 1.500
11.	710-3144	Hex Screw, 3/8-16, 2.00, Gr5, Std
12.	710-3103	Hex Screw, 5/16-18, 2.00, Gr5, Std
13.	710-3178	Bolt, Carriage, 3/8-16, 0.75, Gr1
14.	747-05279	Rod, Support, Deck
15.	911-3314	Roller Pin-1/2 Dia. x 7.31
16.	712-0229	Nut, Push, 3/8
17.	731-07487	Deck Wash Nozzle
18.	712-04063	Nut, Flange Lock, 5/16-18, Nylon
19.	712-04065	Nut, Flange Lock, 3/8-16, Nylon
20.	712-0417A	Nut, Flange, 5/8-18
21.	712-04243	Nut, 1/2-13
22.	738-04278	Shoulder Screw, 1/4-20 x 0.50
23.	912-3010	Nut, Hex, 5/16-18, Gr5
24.	914-0111	Pin, Cotter, 3/32, 1.0
25.	753-04070	Pin, Lynch, .1875
26.	714-04040	Pin, Cotter, Bow-Tie
27.	914-0470	Pin, Cotter, 1/8 x 1.25
28.	917-04074	Gear, Deck, Adjustment
29.	921-04041	Coupler, Water
30.	731-05679	Roller, Front
31.	732-04649	Spring, Extension, 1.0 OD x 6.10
32.	732-04652	Spring, Compr', .535 OD x 1.751

Ref.	Part Number	Description
33.	783-07236	Pulley Cap
34.	734-04155	Wheel, Deck, 5.0 Dia. Ball
35.	734-0973	Wheel, Deck 5.0 x 1.38
36.	936-0119	Washer, Lock, 5/16, Regular Duty
37.	936-0179	Washer, Flat, .531 x 1.25 x .100
38.	783-05030	Bracket, Chute 50/54"
39.	631-04092B	Chute Assembly
40.	738-0976	Shaft, Spindle, 4.1250
41.	703-3511B	Finger Guard
42.	736-0317	Washer, Bell, .63 x 1.25 x .18
43.	711-04565	Pin, Hinge, .3175 Dia. x 14.06 ,1
44.	941-0919A	Bearing, Ball, .787id x 1.85 Od x .551
45.	938-0373	Bolt, Shoulder, .496 x 1.525, 3/8-16
46.	738-04162C	Spacer, Shoulder, .8840 x .190
47.	938-3056	Bolt, Shoulder, .496 x 2.50, 3/8-16
48.	942-04053C	Blade, 17.90 Star 2 In 1
49.	783-06368A	Belt Guard Bracket
50.	747-05067A	Rod, Lift, Deck, Front, 11.7
51.	756-04216	Pulley, Deck, 5.39 Dia.
52.	747-1116	Rod, Deck Release
53.	732-04372	Spring, Torsion, .44 I.D. x 2.0,
54.	954-04240	Belt, V-Type
55.	756-04129B	Pulley, Idler, 4.25"Dia.
56.	750-1096	Spacer, .800 x 1.100 x 1.5300
57.	783-04399	Cover, Belt, LH 50"
58.	783-04400	Cover, Belt, Rh 50"
59.	783-04414A	Skirt, Center, 50"
60.	783-04415	Skirt, RH, 50"
61.	748-0434	Spacer, .750 x 1.150 x .230
62.	783-06361A	Bracket, Idler, Arm
63.	710-1260A	Hex Screw, 5/16-18, .75, Gr5, Std

Hydrostatic Transmission (Hydro-Gear 311-0510)



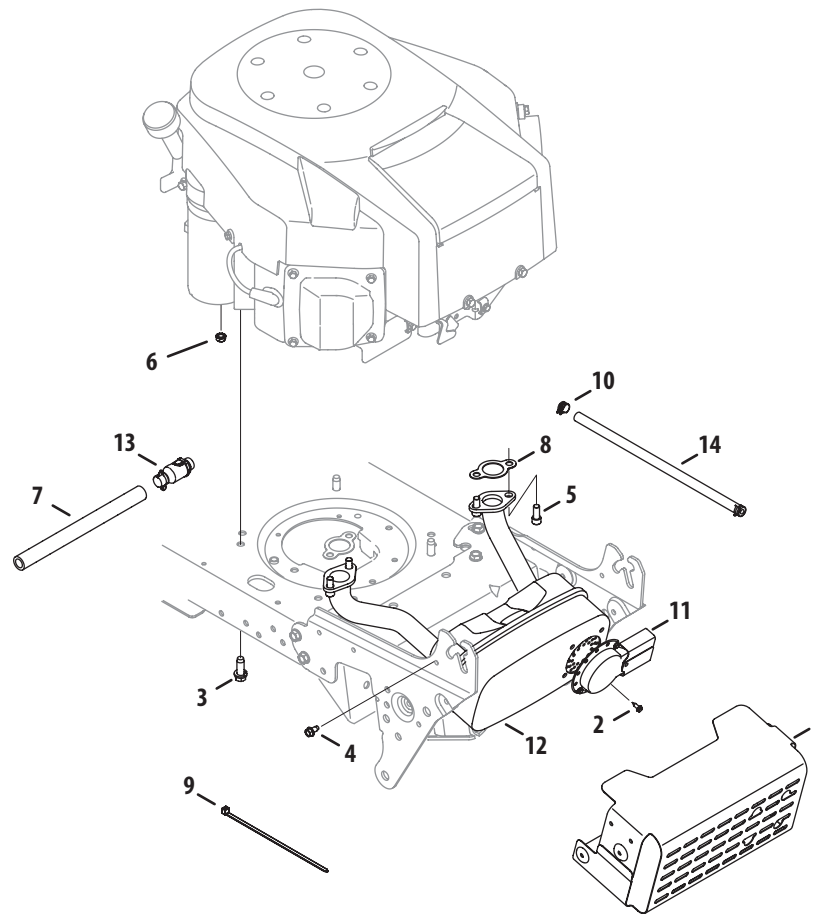
Hydrostatic Transmission (Hydro-Gear 311-0510)

Ref.	Part Number	Description	Ref.	Part Number	Description
1	HG-70467	Main Housing Assembly	40	HG-44871	Ring, Spiral Retaining
		Main Housing, Machined	41	HG-51083	Pin, Jackshaft
		Bushing ,865 x 985 x .790	42	HG-51100	Magnet, Ring
2	HG-70483	Main Housing Assembly	43	HG-51136	Spring, Bypass
		Main Housing, Machined	44	HG-50016	Hydro Mtg Screw 3/8-24 x 2.5
		Bushing ,865 x 985 x .790	45	HG-51581	Bottom, Filter
		Bushing 624 x 719 x .562	46	HG-51580	Base Filter W/ Poppet
3	HG-70477	Center Section Assembly	47	HG-51091	Actuator Bypass
		Center Section Machined	48	HG-51098	Rod Bypass Actuator
		Bushing. 707 x .788 x .591	49	HG-51135	Arm, Bypass
4	HG-51048	Swashplate, Trunnion Machined	50	HG-51116	Retaining Ring 0.250 External
5	HG-70331	Block - Assembly	51	HG-51081	Seal, Lip .741 x .250 x .250 Tc
		Block - Cylinder	52	HG-44371	Flat Washer 5/8 Id x 1.0 Od x .05
		Piston	53	HG-44145	Retaining Ring
		Spring, Compression	54	HG-51071	Bearing, Center Block
		Washer - Thrust	55	HG-2003014	Spring - Helical Compression
7	HG-53246	Hex Flange Screw 1/4-20 x-1,25	56	HG-2003017	Washer
9	HG-51062	Shaft, Input	58	HG-62589	Kit, Brake Yoke
10	HG-2000022	Ring - Retaining			Brake Yoke
11	HG-50951	Spacer			Sq. Hd, Bolt 5/16-24 Ribbed
12	HG-50329	Ring - Retaining	59	HG-51072	Rotor, Brake
13	HG-51161	Seal Lip .67 x 1.58 x .276	60	917-0678	Brake Puck
14	HG-50315	Ball Bearing 17mm Id x 40mm Od	61	917-0682	Puck Plate
16	HG-51064	Bolt. Flange 5/16-24 x .94 (Patch)	62	941-0343	Brake Actuating Pin
17	HG-51140	Lip Seal 18 x 32 x 7	63	HG-51146	Hex Screw 1/4-20 x 2 w/ Patch
18	HG-51119	Arm Control	65	HG-23711	Spacer
19	HG-50551P	Bearing 30x52 x 13 Thrust	66	HG-70896	Kit, Spring
24	HG-50966	Shaft Motor	67	N/A	So. Hd, Bolt 5/16-24- Ribbed
27	HG-51130	Gear - Pinnion 13t	68	HG-44094	Arm, Brake
28	HG-51129	10t/48t Gear	69	912-0273	Slotted Hex Nut 5/16-24
29	HG-51043	Gear Jot Jackshaft	70	914-0507	Cotter Pin 3/32 x 3/4
30	HG-51044	60t Bull Gear	71	HG-50919	Comp. Spring Brake Anti-Drag
31	HG-51088	Sleeve Bearing .75 x 1.750 x .625	72	HG-50132	Washer, Ht .5 I. D. x 1 OD, x .032
32	HG-51089	Sleeve Bearing .75 x 1.575 x .625	73	736-0371	Flat Washer, 11/32 ID x 7/8 OD
33	HG-44875	Washer 3/4 Id x 1-1/2 Od x .13 Thk	74	HG-70719	Kit, Seal
34	HG-51066	Lip Seal Axle Seal			Oil, Seal 625 x Lo x .25
35	HG-51079	Shaft Axle .75 x 11.39 (Dd R. H.)			Ring, Ret-Star Washer
36	HG-51078	Shaft Axle .75 x 17.99 (Dd, L. H.)			Bulletin, Shaft Seal
37	HG-71310	Miter Gear (Splined)	75	HG-51084	Check Plug Assem, .027 Washer
38	HG-44097	Miter Gear 15t (0.5 Id)	83	HG-9004800-2506	Pin, Standard Headless
39	HG-50146	Shaft	84	HG-51143	Fitting, 5/16 Sae 5/32 Tube

Continued on next page

Hydrostatic Transmission (Hydro-Gear 311-0510)

Ref.	Part Number	Description	Ref.	Part Number	Description
85	HG-51147	Hose, Expansion Tank	121	HG-70756	Filter Assembly
87	HG-51251	Cap., Vent			Bottom Filter
88	HG-50653	Bolt, Self Tapping 10-32 x 112			Base Filter w/ Poppet
94	HG-44147	Ball Bearing .62 Id x 1.38 x .44			Spring Bypass
95	HG-50837	Cap Screw, 5/16-24 x 1-112			Actuator Bypass
96	HG-51200	Spacer, Locating			Deflector
97	HG-50870	Screw, Sfhcs	128	HG-70503	Kit, Expansion Tank
98	HG-51120	Arm, Return			Tank, Expansion
99	HG-51097	Puck, Adjusting			Cap, Vent
100	HG-51122	Washer, .325 OD x 1.6 ID x .150			Bolt, Self Tapping 10-32 x 1/2
101	HG-51131	Spring, Extension			Bracket, Support Expansion Tank
102	HG-51123	Spacer, .56 x .26 x .87			Silicon-Sponge 112 x 1/2 x 3/16
103	HG-51223	Bracket, Torque	—	HG-50928	Sealant
107	HG-51134	Deflector	—	HG-70463	Seal, O-Ring Kit
108	HG-51069	Washer, Motor Shaft .71 Id 1.15 Od	—	—	20w-50 Oil (78.8 oz)
109	HG-9005110-5600	Plug, SAE #6			
110	HG-50868	Torx Head Screw, 5/16-18			
111	HG-51144	O-Ring, .07 x .301 ID			
113	HG-51179	Bracket, Support Expansion Tank			
114	HG-51184	Spring Guide			
116	HG-70503	Silicon Sponge			
120	HG-70759	Center Section - Bypass Assm			
		Center Section Machined			
		Base Filter w/ Poppet			
		Check Plug Assembly			
		Spring Bypass			
		Actuator Bypass			
		Deflector			
		Bottom, Filter			
		Bushing, .707 x .788 x .591			



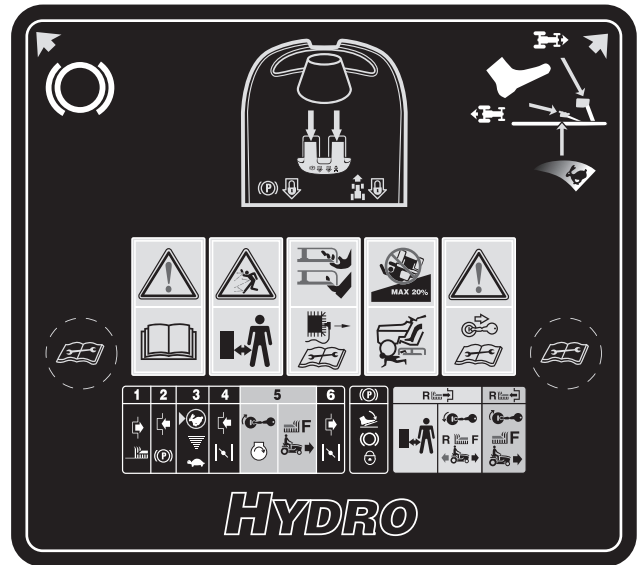
Ref.	Part Number	Description
1	683-04549	Shield Ass'y, Muffler
2	710-0227	Screw, Ab, #8-18, 0.500,
3	710-04683A	Screw, Self-tapping, 3/8-16, 1.000,
4	710-0599	Screw, Self-tapping, 1/4-20, 0.500,
5	710-1314A	Screw, Socket Head, 5/16-18, .750
6	712-0271	Nut, Sems, 1/4-20
7	751-3141-14	Hose, Extension, Oil Drain
8	KH-24-041-49-S	Gasket, Exhaust,Kohler
9	725-0157	Cable, Tie, 3/16 x .05 x 7.4
10	726-0205	Clamp, Hose, .490 Dia.
11	751-11053A	Long Muffler Deflector
12	751-10528A	Muffler, Kohler Twin
13	951-10517A	Drain, Oil
14	751-10349	Hose, Fuel, Low Permeation, 1/4

LTX 1050 Labels

777D15338



777S33332



777X40182



777D12864



777I23363



777D15269



777D15268



777D15402



777X45654



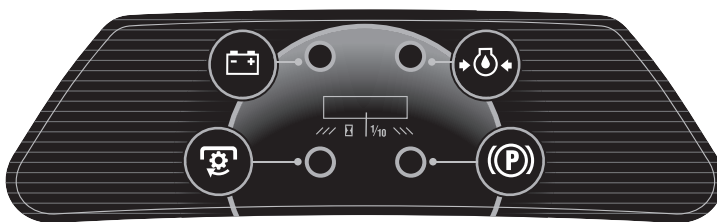
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777D09287



777I23362



777I23533



777D15417



777D15418



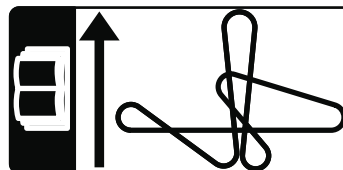
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777I23133



777I23150



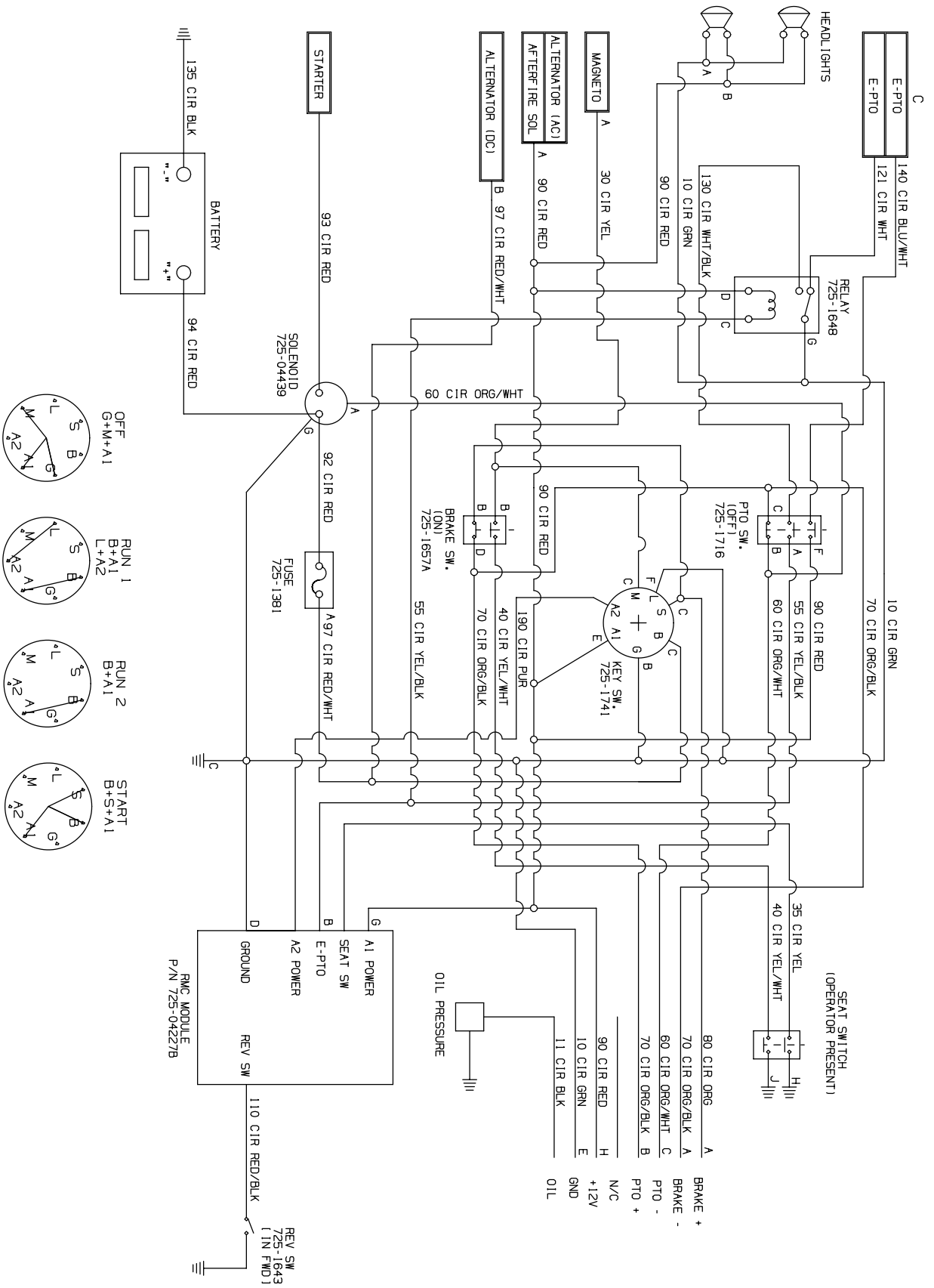
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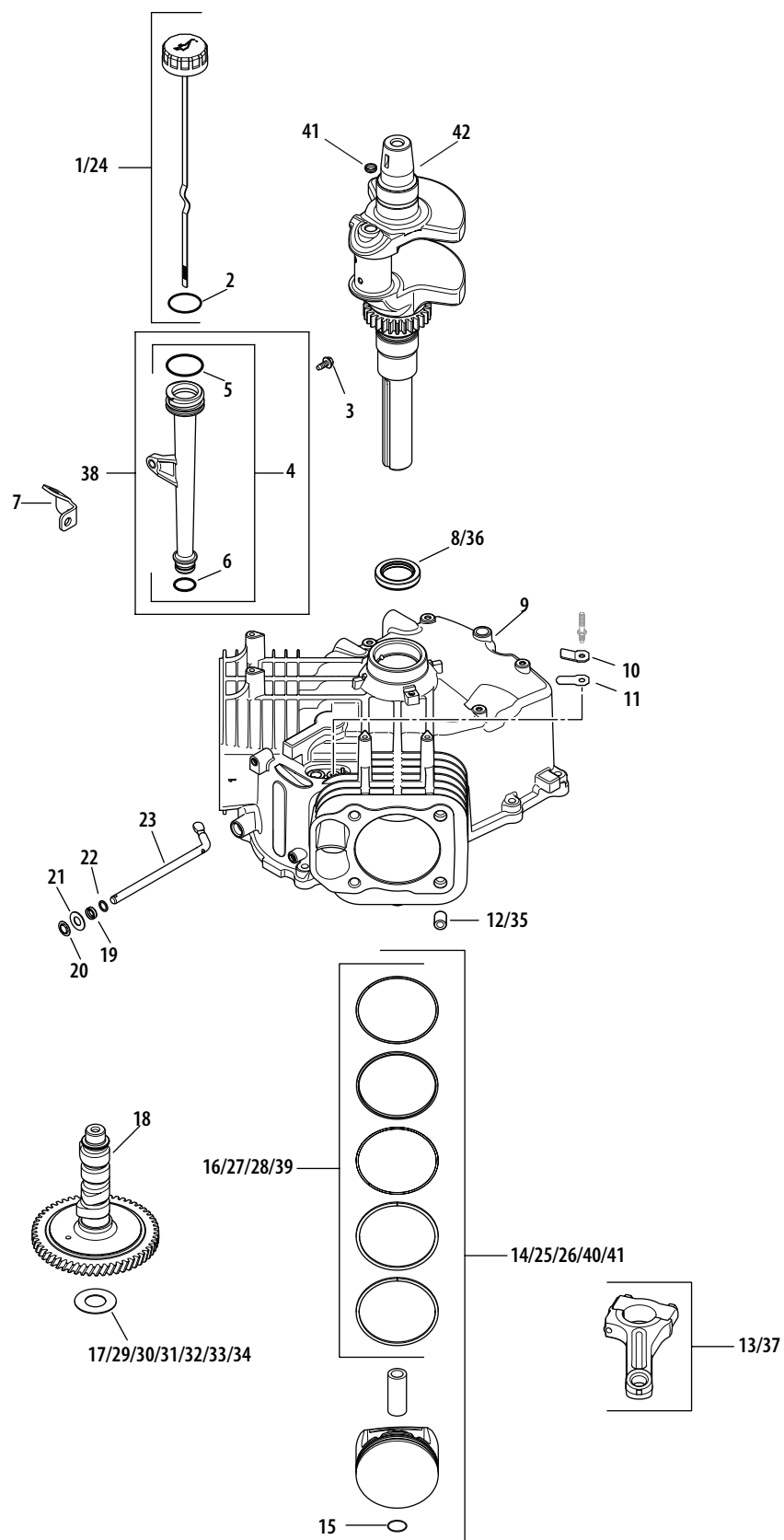
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Electrical Schematic



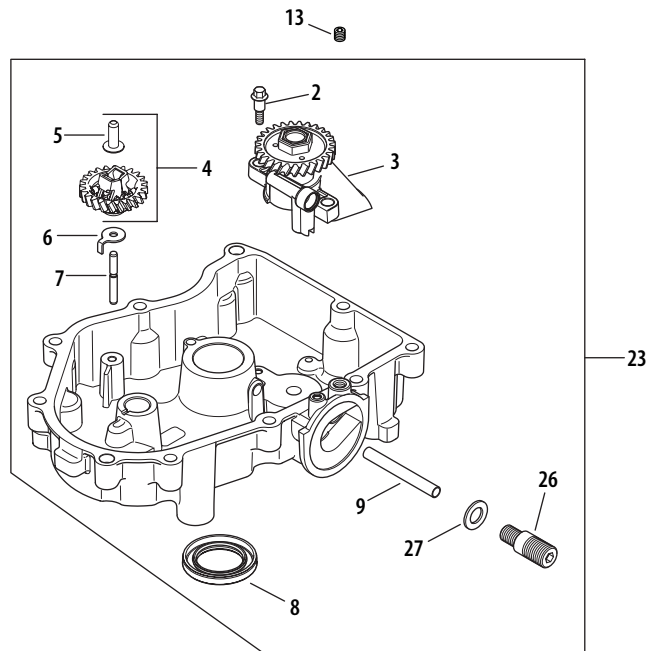
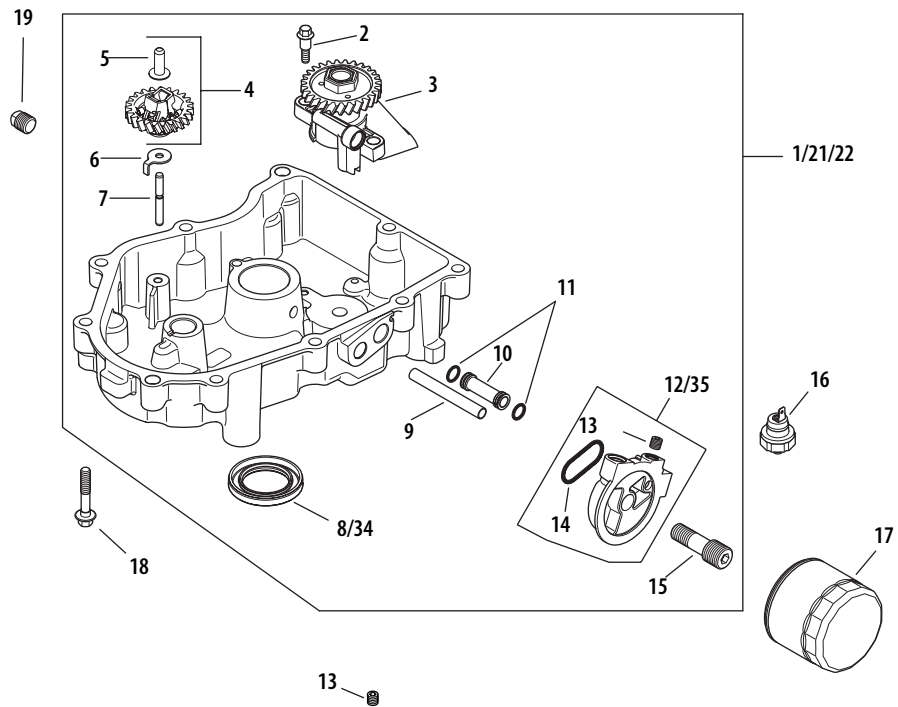
Kohler SV720 Crankcase and Crankshaft



Kohler SV720 Crankcase and Crankshaft

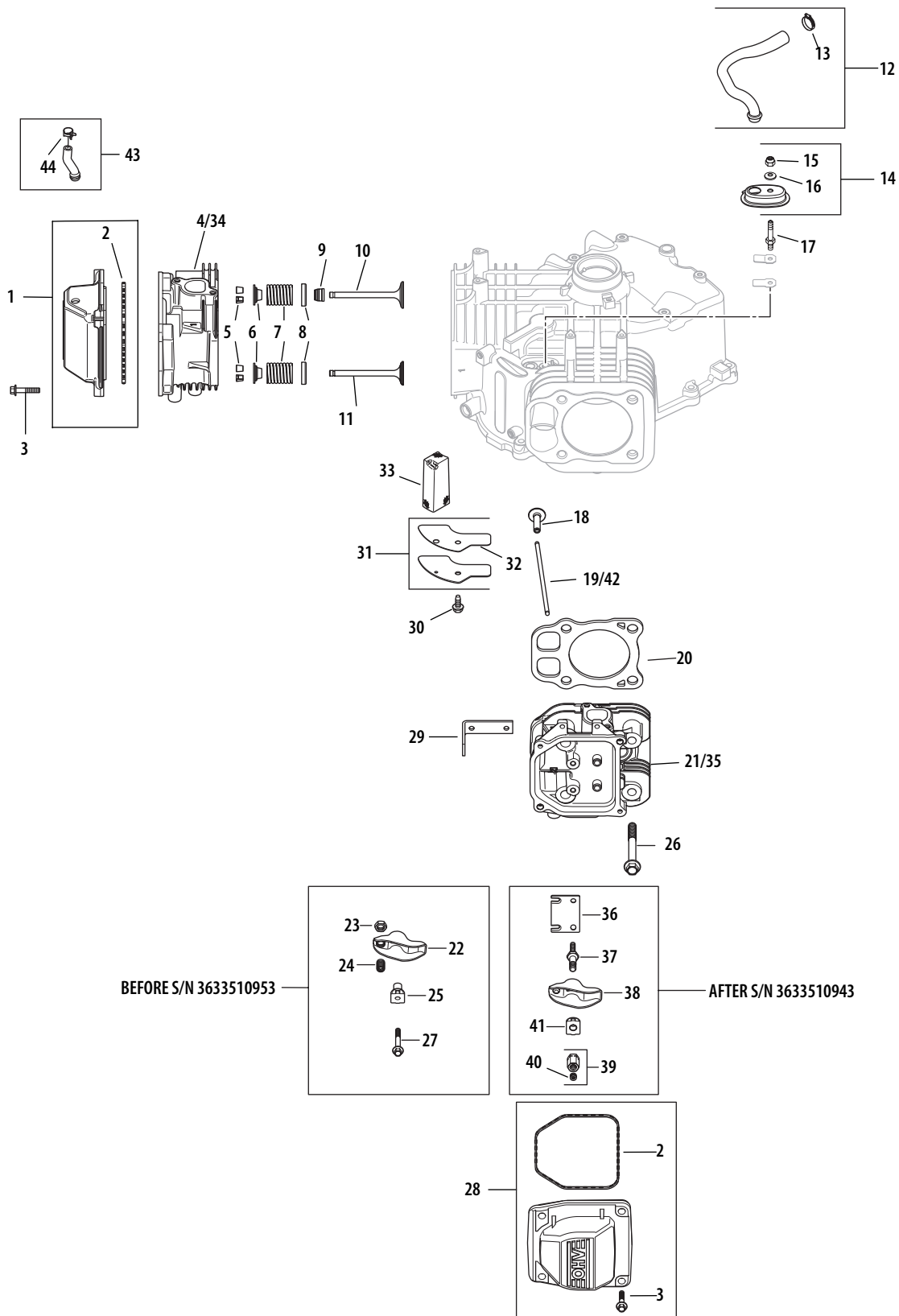
Ref.	Part Number	Description
2	KH-25-153-02-S	Dipstick Assembly (Includes 2)
3	KH-M-545013-S	Flg. Thd. Frm. Screw, M5 X 0.8 X 13
7	KH-24-126-19	Oil Fill Tube Bracket
10	KH-24-018-04-S	Breather Reed Retainer
11	KH-12-402-02	Breather Reed
12	KH-24-380-16-S	Locating Pin
14	KH-25-874-01-S	Piston Kit w/ Ring Set (Inc. 15, 16)
15	KH-24-018-01-S	Piston Pin Retainer
17	KH-12-422-07-S	Camshaft Shim (White .028")
18	KH-32-012-01-S	Camshaft Kit (Inc. KH-25-357-14-S)
19	KH-28-032-09-S	Governor Cross Shaft Seal
20	KH-24-018-09-S	Ring Retainer
21	KH-M-931010-S	Flat Washer, 9 Mm
22	KH-24-468-15-S	Flat Washer, 11/32
23	KH-24-144-38-S	Governor Cross Shaft
24	KH-24-038-04-S	Dipstick Assembly (Inc. 2)
25	KH-25-874-03-S	Piston Kit w/ Ring Set (0.25) 83mm
28	KH-24-108-16-S	Ring Set (.25)
29	KH-12-422-08-S	Camshaft Shim (Blue .03")
30	KH-12-422-09-S	Camshaft Shim (Red .032")
31	KH-12-422-10-S	Camshaft Shim (Yellow .034")
32	KH-12-422-11-S	Camshaft Shim (Green .036")
33	KH-12-422-12-S	Camshaft Shim (Gray .038")
34	KH-12-422-13-S	Camshaft Shim (Black .04")
36	KH-24-032-19-S	Oil Seal (Helix Lip)
37	KH-24-067-28-S	Connecting Rod (Std)
38	KH-32-755-04-S	Tube Assembly (Inc. 4-6)
39	KH-24-108-14-S	Ring Set (Std)
40	KH-25-874-01-S	Kit, Piston w/Ring
41	KH-52-139-09-S	Cup Plug
42	KH-32-014-04-S	Crankshaft (Includes 2)
N/A	KH-25-357-14-S	Camshaft Lubricant
N/A	KH-32-522-07	SV710-740 Shortblock
N/A	KH-32-755-01-S	Gasket Set

Kohler SV720 Oil Pan / Lubrication



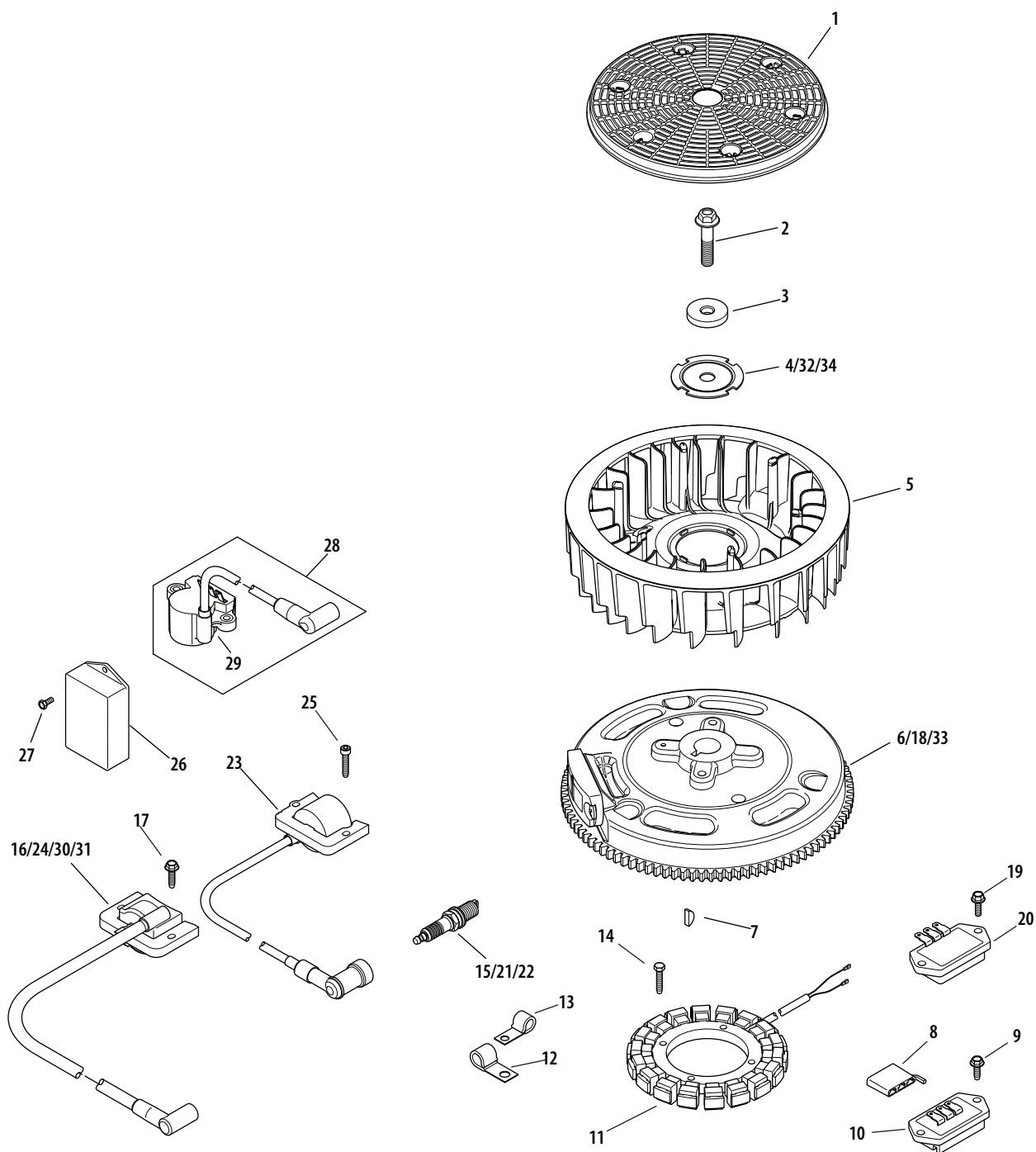
Ref.	Part Number	Description
2	KH-32-086-01-S	Shd. Thd. Frm. Screw, M6 X .0 X 6.5
3	KH-32-393-10-S	Oil Pump Assembly
4	KH-24-043-12	Governor Gear w/ Pin Kit (Inc. 5)
5	KH-12-380-01	Governor Regulating Pin
6	KH-24-448-02-S	Locking Tab
7	KH-12-144-02	Governor Gear Shaft
8	KH-25-032-06-S	Oil Seal
9	KH-32-123-01-S	Oil Feed Tube - Filter To Pan
11	KH-24-153-01	Oil Pick-Up O-Ring
13	KH-25-139-60-S	Plug, Ctsk. Pipe Plug, 1/8
17	KH-12-050-01-S	Oil Filter
18	KH-24-086-17-S	Flg. Screw, M8 x 1.25 x 45
19	KH-25-139-57-S	Sq. Hd. Pipe Plug, 3/8
23	KH-32-199-14-S	Oil Pan Assembly (Inc. 2-9, 11, 24-27)
25	KH-32-153-05-S	O-Ring
26	KH-32-136-03-S	Oil Filter Nipple
27	KH-32-468-02-S	Flat Washer

Kohler SV720 Head/Valve/Breather



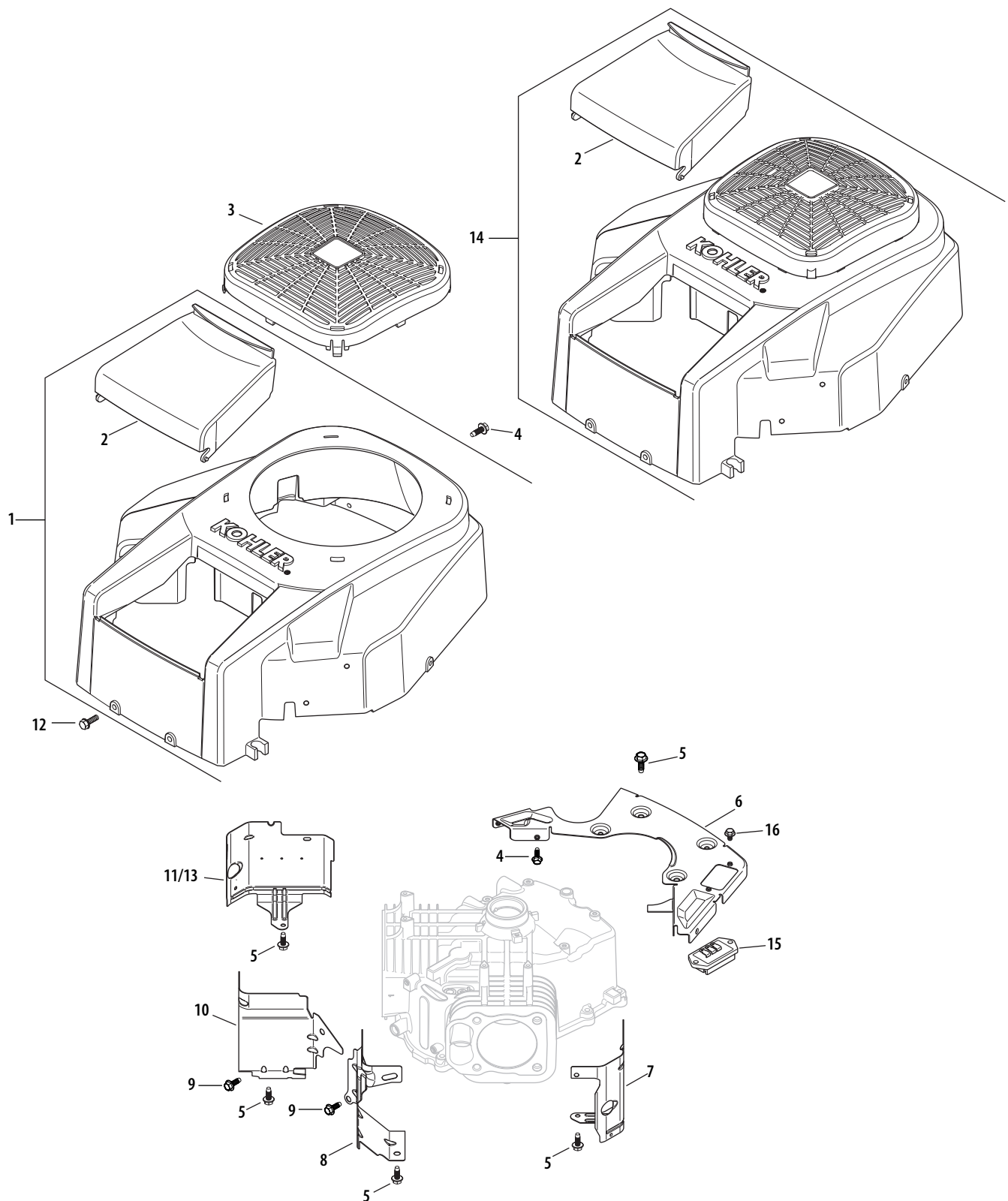
Ref.	Part Number	Description
1	KH-32-096-06-S	Breather Valve Cover Kit (Inc. 2)
2	KH-24-153-30-S	Valve Cover O-Ring
3	KH-M-651030-S	Flg. Screw, M6 X 1.0 X 30
5	KH-12-755-03	Retainer Kit
6	KH-12-173-01	Valve Spring Cap
7	KH-24-089-02	Valve Spring
8	KH-235011-S	Spring Retainer
9	KH-66-032-05-S	Valve Stem Seal
10	KH-24-017-01	Intake Valve (Std)
11	KH-24-016-01	Exhaust Valve (Std)
12	KH-32-326-06-S	Kit, Breather Hose Kit (Inc. 13)
13	KH-25-237-14-S	Hose Clamp, 1/2
14	KH-32-081-02-S	Breather Housing Kit (Inc. 15, 16)
15	KH-M-547050-S	Lock Nut, M 5 X .8
16	KH-32-468-01-S	Sealing Washer
17	KH-32-072-03-S	Breather Cover Stud
18	KH-32-019-02-S	Tappet
20	KH-32-841-01-S	Cylinder Head Gasket Kit (Inc. 26, KH-24-041-49-S And KH-24-153-27-S)
26	KH-62-086-08-S	Flg. Screw, M 10 X 1.5 X 90
28	KH-24-755-141-S	Breather Valve Cover Kit (Inc. 2 & 3)
29	KH-25-445-01-S	Lifting Strap
30	KH-M-645016-S	Flg. Thd. Frm. Screw, M6 X 1.0 X 16
31	KH-32-096-04-S	Breather Cover Kit (Inc. 32)
33	KH-32-050-01-S	Breather Filter
34	KH-32-318-13-S	#1 Cylinder Head Assembly Kit (Inc. Exhaust Mounting Hardware)
35	KH-32-318-14-S	#2 Cylinder Head Assembly Kit (Inc. Exhaust Mounting Hardware)
36	KH-32-146-09-S	Guide Plate
37	KH-32-072-04-S	Rocker Stud
38	KH-32-186-03-S	Rocker Arm
39	KH-32-100-05-S	Hex Nut Assembly (Includes 39)
40	KH-25-086-168-S	Set Screw
41	KH-25-599-01-S	Rocker Arm Pivot
42	KH-32-411-04-S	Push Rod
43	KH-32-326-07-S	Fuel Pump Hose w/ Clamp Kit (Inc. 44)
44	KH-25-237-01-S	Hose Clamp
N/A	KH-32-755-03-S	Cylinder Head Hardware Kit (Services 1 Head, Quantities Listed Are For Both Heads) (Inc. 5-11, 19, 22, 25 & 34)
N/A	KH-24-153-27-S	Intake Port O-Ring

Kohler SV720 Ignition / Electrical



Ref.	Part Number	Description
1	KH-32-162-03-S	Grass Screen
2	KH-12-086-14	Flg. Screw, M 10 X 1.5 X 45
3	KH-12-468-03	Flat Washer, 13/32
4	KH-20-146-05-S	Fan Mounting Plate
5	KH-32-157-01-S	15 Amp Stator Kit (Inc. KH-25-452-01-S)
6	KH-32-025-16-S	Flywheel Assembly
7	KH-X-42-15	Key, 3/16 X 5/8
8	KH-25-155-41-S	Connector
11	KH-237878	15 Amp Stator Kit
14	KH-M-548025-S	Thd. Frm. Screw, M5 X 0.8 X 25
15	759-3336	Spark Plug
16	KH-24-584-45-S	Module Ignition Kit
17	KH-M-545020-S	Flg. Thd. Frm. Screw, M5 X .8 X 20
N/A	KH-25-454-03-S	Wire Tie
N/A	KH-25-454-05-S	Tie
N/A	KH-32-176-24-S	Wiring Harness
N/A	KH-25-454-05-S	Tie
N/A	KH-25-452-01-S	Terminal

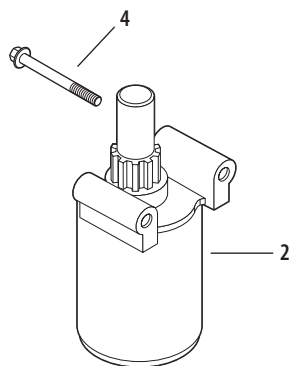
Kohler SV720 Blower Housing & Baffles



Kohler SV720 Blower Housing & Baffles

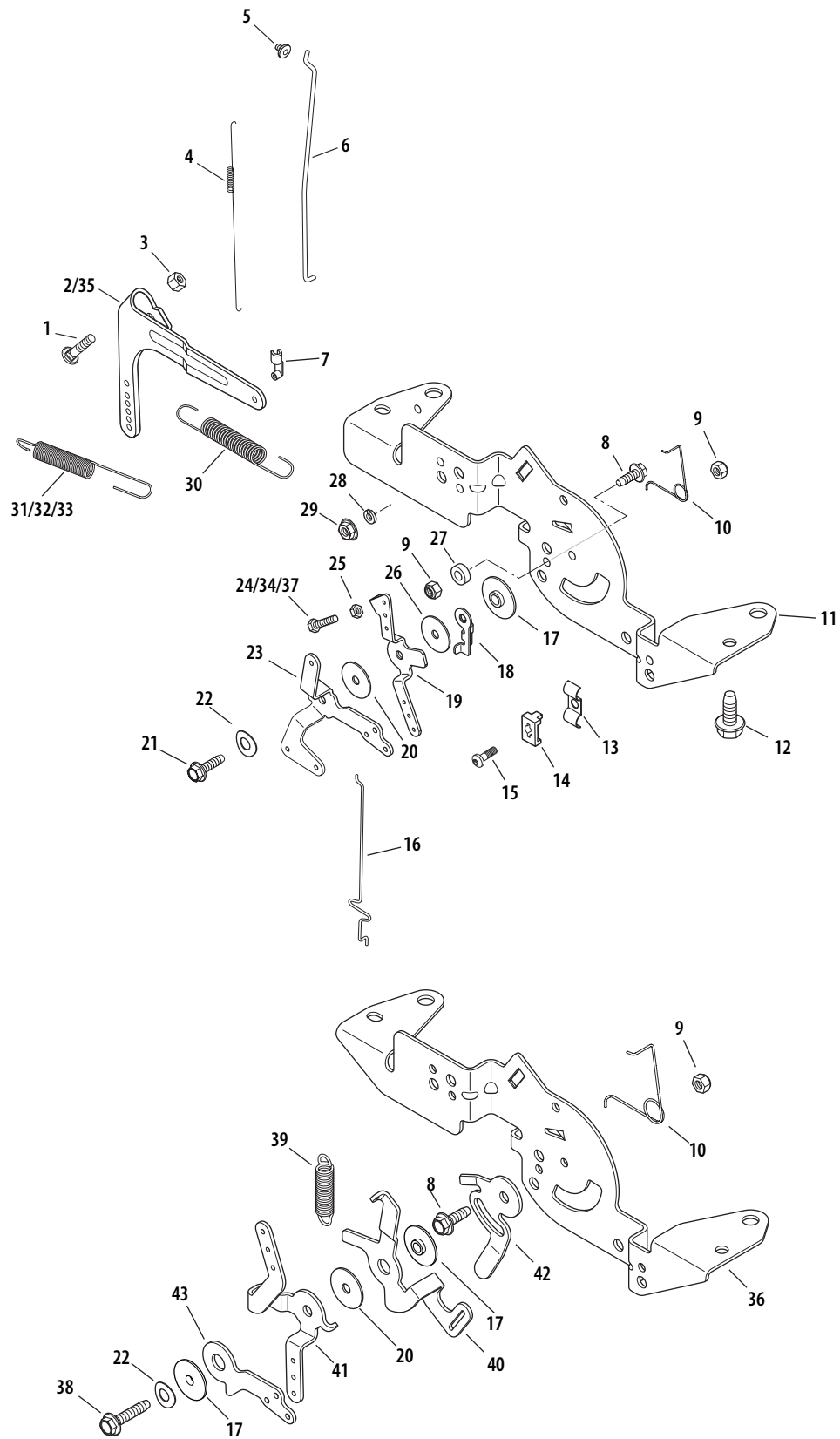
Ref.	Part Number	Description
1	KH-32-027-03-S	Housing Blower Kit (Inc. 2 & KH-41-037-10-S)
2	KH-32-096-08-S	Air Cleaner Cover
4	KH-M-545016-S	Flg. Thd. Frm. Screw, M5 X 0.8 X 16
5	KH-M-645016-S	Flg. Thd. Frm. Screw, M6 X 1.0 X 16
6	KH-32-146-05-S	Backing Plate Kit
7	KH-32-063-12-S	Cyl. Barrel Baffle - #2 Side
8	KH-32-063-02-S	Valley Baffle - #2 Side
9	KH-M-0545010	Flg. Thd. Frm. Screw, M5 X .8 X 10
10	KH-32-063-03-S	Valley Baffle - #1 Side
11	KH-32-063-10-S	Cyl. Barrel Baffle - #1 Side
12	KH-24-086-12	Tap Screw, M6 X 1.7 X 18
15	KH-41-403-10-S	Regulator/Rectifier
16	KH-25-086-158-S	Flg. Thd. Frm. Screw, M6 X 1.0 X 10
N/A	KH-41-037-10-S	Service Nameplate

Kohler SV720 Starting System



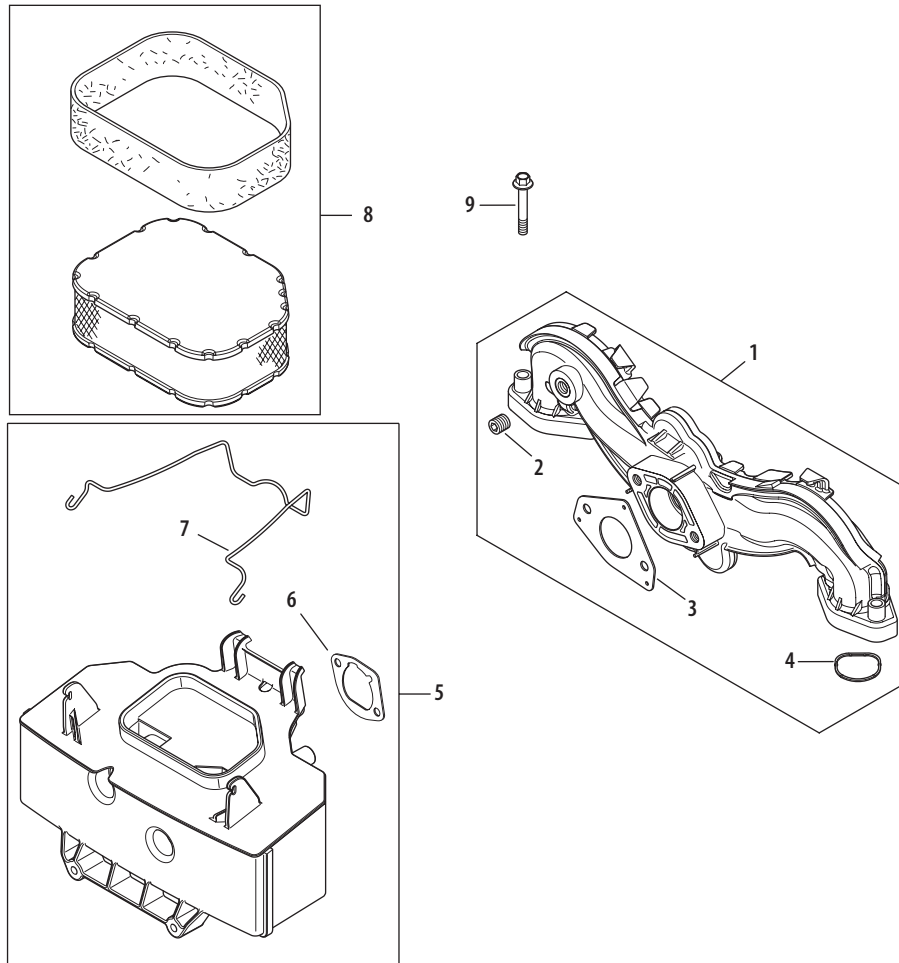
Ref.	Part Number	Description
2	KH-32-098-03-S	Starter Assembly
4	KH-M-851080-S	Flg. Screw, M8 X 1.25 X 80

Kohler SV720 Controls



Ref.	Part Number	Description
1	KH-24-211-03-S	Rd. Hd. Sq. Neck Bolt, M6 X 1.0 X 25
3	KH-M-641060-S	Flg. Nut, M6 X 1.0
4	KH-24-089-01	Linkage Spring
5	KH-25-158-08	Linkage Retaining Bushing
6	KH-24-079-04	Throttle Linkage
7	KH-25-158-11	Throttle Linkage Bushing
8	KH-M-545016-S	Flg. Thd. Frm. Screw, M5 X 0.8 X 16
9	KH-M-547050-S	Lock Nut, M5 X .8
10	KH-24-089-03	Choke Return Spring
12	KH-M-645016-S	Flg. Thd. Frm. Screw, M6 X 1.0 X 16
14	KH-12-237-01	Cable Clamp
15	KH-24-086-43-S	Lbd. Thd. Frm. Screw, M5 X 0.8 X 16
16	KH-24-079-22-S	Choke Linkage
17	KH-24-112-27-S	Control Assembly Spacer
20	KH-24-468-01	Flat Washer. 5.5mm
22	KH-41-468-03	Spring Washer, 1/4
30	KH-24-089-55-S	Governor Spring
33	KH-24-089-18	Governor Spring
35	KH-24-090-51-S	Governor Lever
36	KH-24-126-172-S	Control Bracket
38	KH-25-086-151-S	Thd. Frm. Screw, M5 X 0.8 X 25mm
39	KH-32-089-03-S	Speed Control Spring
40	KH-32-090-07-S	Governor Spring Lever
41	KH-32-090-08-S	Speed Control Lever
42	KH-32-090-09-S	Speed Setting Lever
43	KH-32-090-10-S	Choke Lever

Kohler SV720 Fuel System Air Intake / Filtration



Ref.	Part Number	Description
1	KH-24-164-91-S	Intake Manifold Kit (Inc. 2-4)
2	KH-24-041-52-S	Carburetor Gasket
3	KH-24-153-27-S	Intake Port O-Ring
4	KH-25-139-60-S	Ctsk. Pipe Plug, 1/8
5	KH-32-094-04-S	Air Cleaner Base Kit (Inc. 5 & 6)
6	KH-24-041-14	Air Cleaner Base Gasket
7	KH-32-344-02-S	Air Cleaner Element Latch
8	KH-32-883-03-S1	Air Filter Element / Pre-Cleaner
9	KH-M-651040-S	Flg. Screw, M6 X 1.0 X 40
N/A	KH-24-757-45-S	Solenoid Valve Repair Kit (Inc. 2 & 3)
N/A	KH-24-757-46-S	Repair Overhaul Kit (Inc. 2 & 3)

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