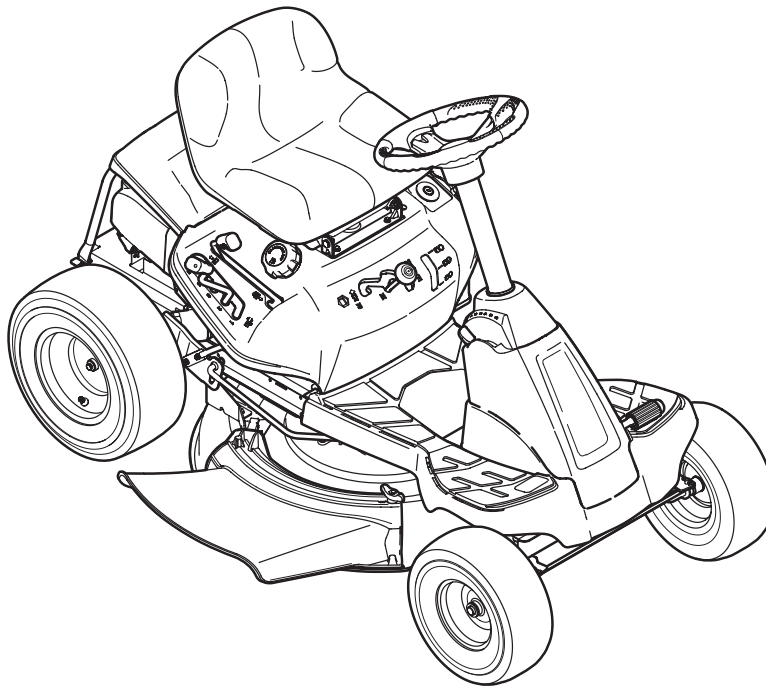

Cub Cadet[®]

ILLUSTRATED PARTS MANUAL



Model CC30 Mini Rider

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

Printed In USA

Form No. 769-09489
November 12, 2013

To The Owner

Thank You

Thank you for purchasing a 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

--	--	--	--	--	--	--	--	--	--	--

SERIAL NUMBER

--	--	--	--	--	--	--	--	--	--	--

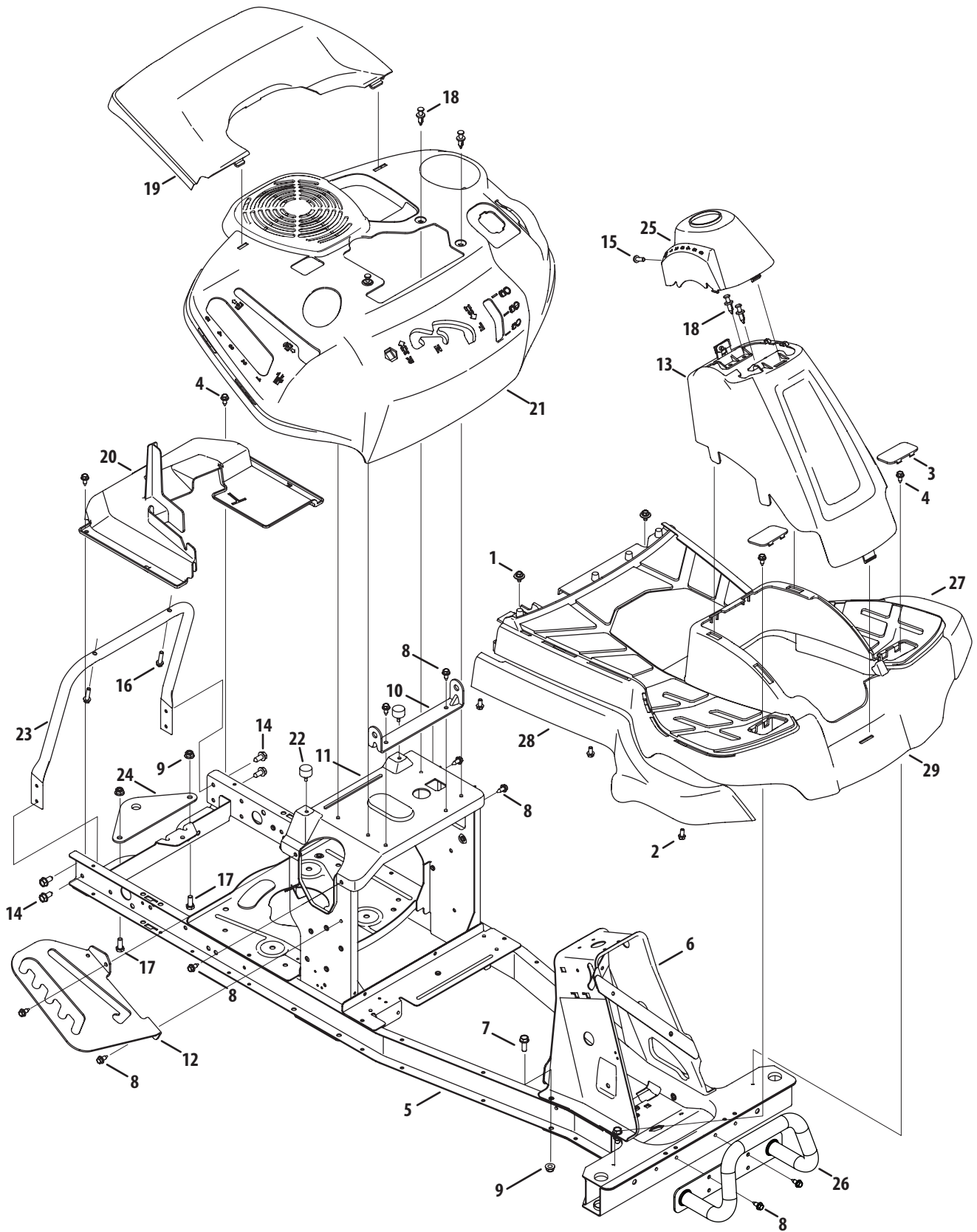
Painted Parts

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)		

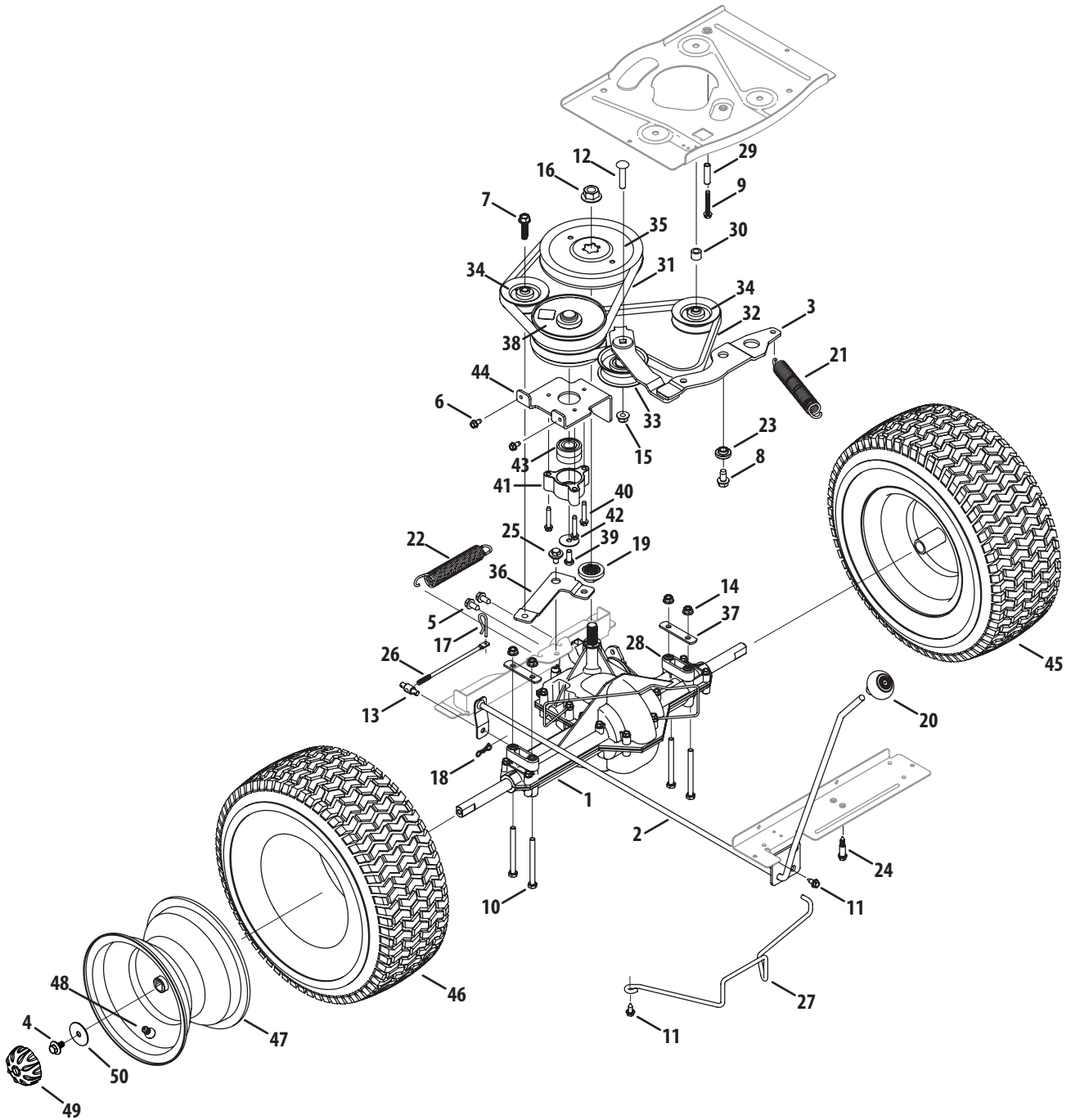
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Frame & Fender



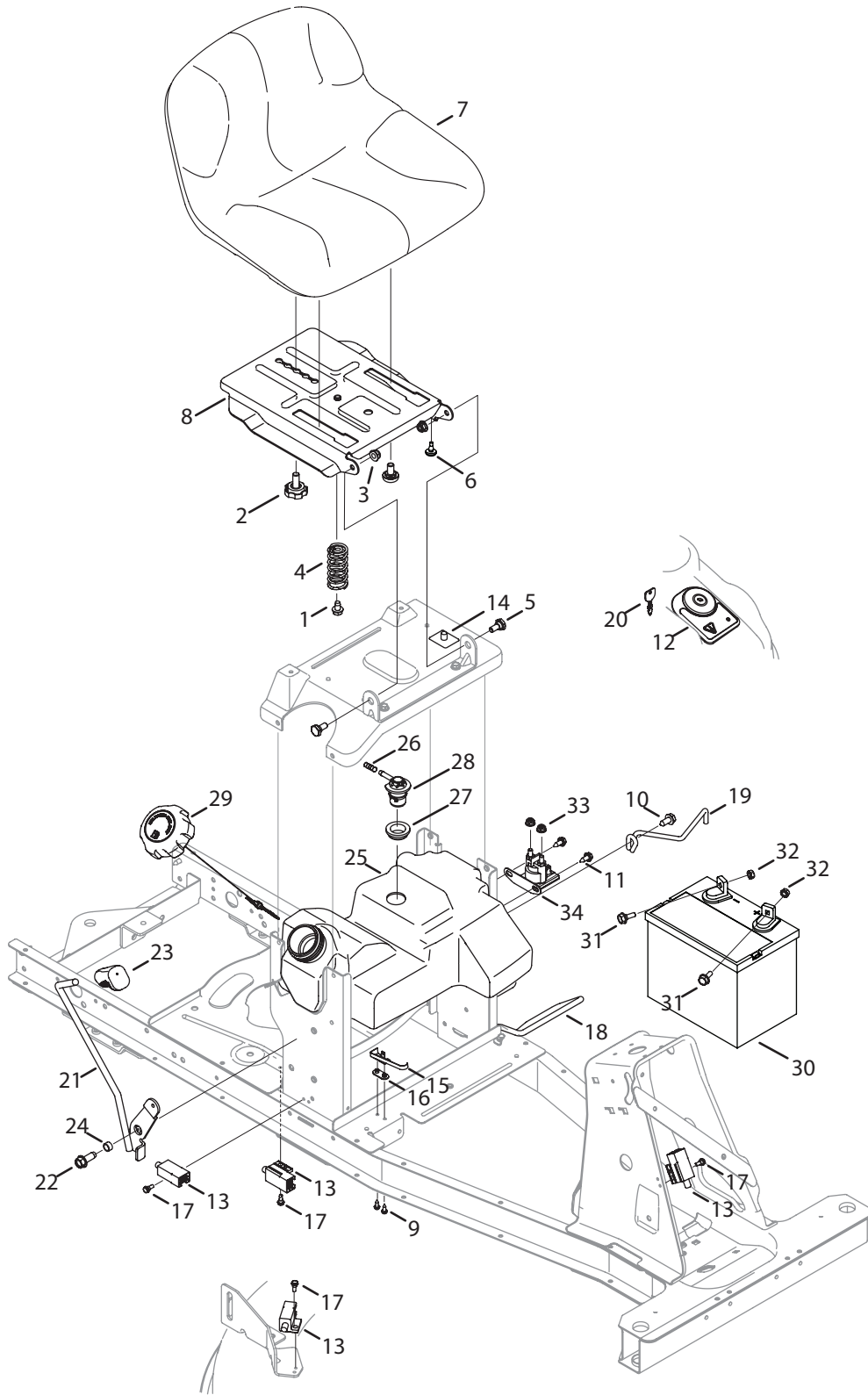
Ref. No.	Part No.	Description
1	710-05073	Screw, 1/4-20 x .500
2	710-04187A	Screw, 1/4-15 x 0.50
3	731-08753A	Running Board Plug
4	738-04184A	Shoulder Screw, .368 X.113: 1/4-20
5	683-05015	Frame Assembly
6	683-05019	Column Assembly
7	710-06194	Hex Washer Screw, 5/16-18 x .75
8	710-1652	Tap Screw, 1/4-20, .625
9	912-0429	Hex Locknut, 5/16-18
10	783-07168	Seat Pivot Bracket
11	783-08197	Seat Pan
12	783-08260	Deck Lift Index Bracket
13	931-05041	Column Cover
14	710-04484	Tap Screw, 5/16-18, .750
15	710-0924	Machine Screw, 1/4-20, 0.750
16	710-1241	Hex Screw, 1/4-15, 1.000
17	710-3008	Hex Head Screw, 5/16-18, .75
18	728-0199	Rivet, .3125
19	731-09129A	Rear Cover
20	731-09185	Top Rear Drive Cover
21	931-10151	Fender
22	735-05006	Bumper, .62 Dia. x .50
23	749-04932	Rear Cover Support Tube
24	783-07208	Hitch Plate
25	731-09399	Steering Column Cap
26	683-04767	Bumper Assembly
27	731-08884A	Trim Running Board, LH
28	731-08885A	Trim Running Board, RH
29	931-09591	Running Board

Drive System



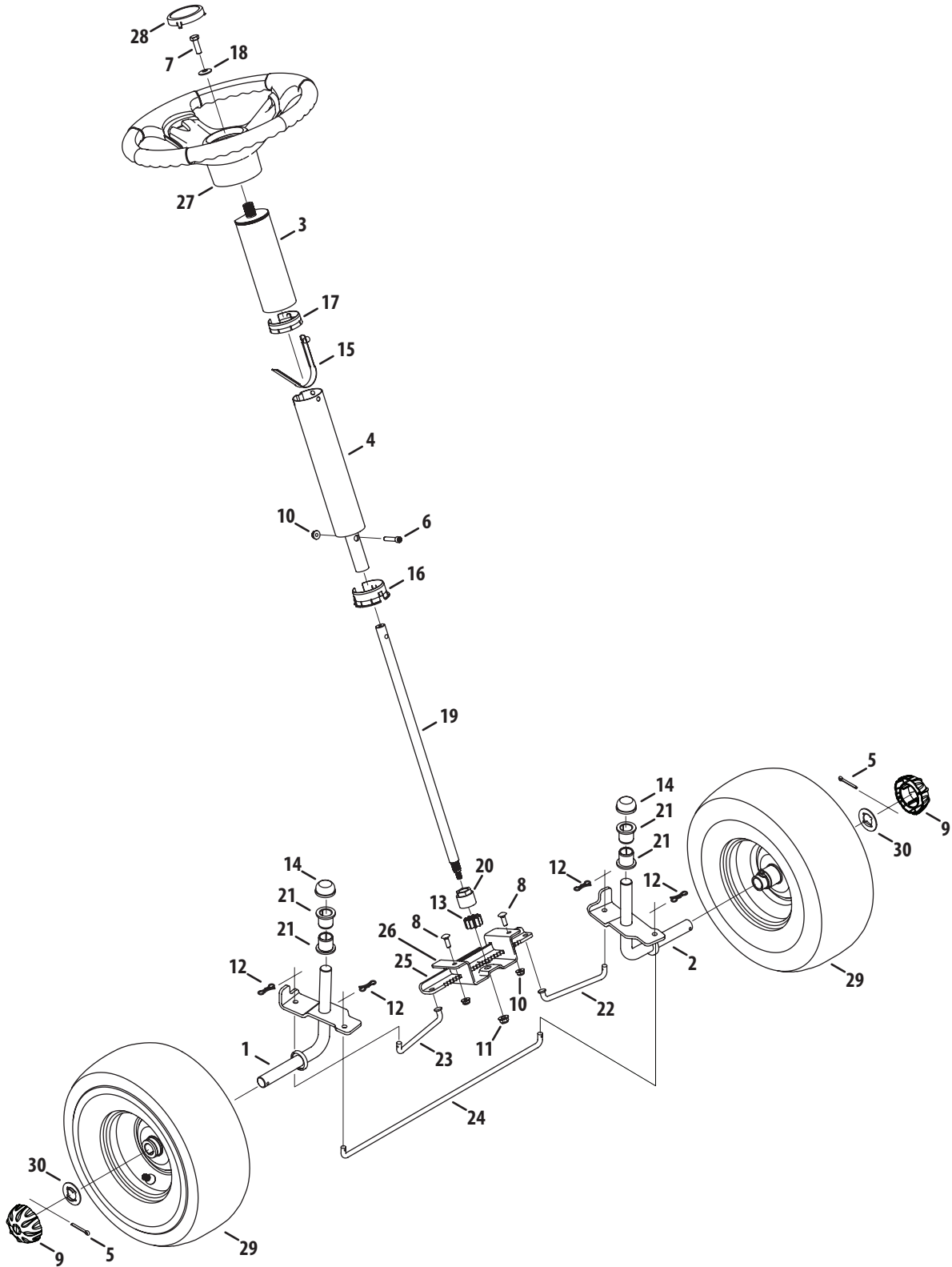
Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	918-05056A	Transmission Assembly	26	747-05593	Shift Rod
2	647-04262C	Shift Handle Assembly	27	747-06126	Deck Belt Keeper, 30"
3	683-04768A	Drive Assembly Idler	28	948-0334	Spacer
4	710-05339	Screw, 5/16-24 x .750	29	750-04456	Spacer, .260 X .372 X 1.420
5	710-04484	Tap Screw, 5/16-18, .750	30	750-05563	Spacer, .385 x .625 x .500
6	710-0599	Tap Screw, 1/4-20, 0.500	31	954-05040	V-Belt, 5L:35.25
7	710-06016	Screw, 3/8-16 x 1.375	32	954-04331	V-Belt, 5L:35.28
8	710-0623	Tap Screw, 3/8-16, 0.750	33	756-04224	Flat Idler Pulley, 2.75 OD
9	710-1026	Screw, 1/4-20 x 1.750	34	756-04325	V-Type Idler Pulley, 3.06
10	710-1266	Hex Cap Screw, 5/16-18 x 3.5, Gr5	35	756-04464	V-Type Pulley, 6.56
11	710-1652	Tap Screw, 1/4-20 x .625	36	783-07248	Rear Idler Arm Bracket
12	710-0560	Screw, Carriage: 3/8-16 x 1.75"	37	783-08131	Transaxle Mounting Bracket
13	711-06141	Adjustable Ferrule, 1/4-20 X 1.00	38	956-04015A	Variable Speed Pulley Assembly
14	712-04063	Flange Locknut, 5/16-18	39	710-0627	Hex Head Lock Screw, 5/16-24:.750
15	712-04065	Flange Lock Nut, 3/8-16	40	710-0778	Tap Screw, 1/4-20:1.500
16	712-0700	Flange Nut, 9/16-18	41	718-04261	Bearing Cup
17	914-0209	Internal Cotter Pin, .125 Dia.	42	736-0362	Flat Washer, .330x1.250x.060
18	714-04040	Bow-Tie Cotter Pin	43	941-0600	Ball Bearing, 17 X 40 X 12
19	718-04407	Pulley Hub, 5/8 Spline	44	783-08210	Variable Bracket
20	720-04028	Shift Knob	45	634-0139	Complete Wheel Assembly
21	732-0459C	Extension Spring, .94 Dia. X 6.74 Lg.	46	734-04641	Tire, 16 x 6.5 x 8 Sq. Shldr.
22	732-04934	Extension Spring, .97 OD X 6.18	47	634-04174	Rim Assembly, 8.0 x 5.38
23	738-0372B	Shoulder Spacer, 1.00 X .38 X .38	48	934-0255	Air Valve
24	738-05016	Shoulder Screw, .368 x .75, 1/4-20	49	731-2290A	Hub Cap
25	738-05019	Shoulder Screw, .560 x .165, 5/16-18	50	736-0430	Flat Washer, .35 x 1.59 x .062

Seat, Fuel Tank & Electrical



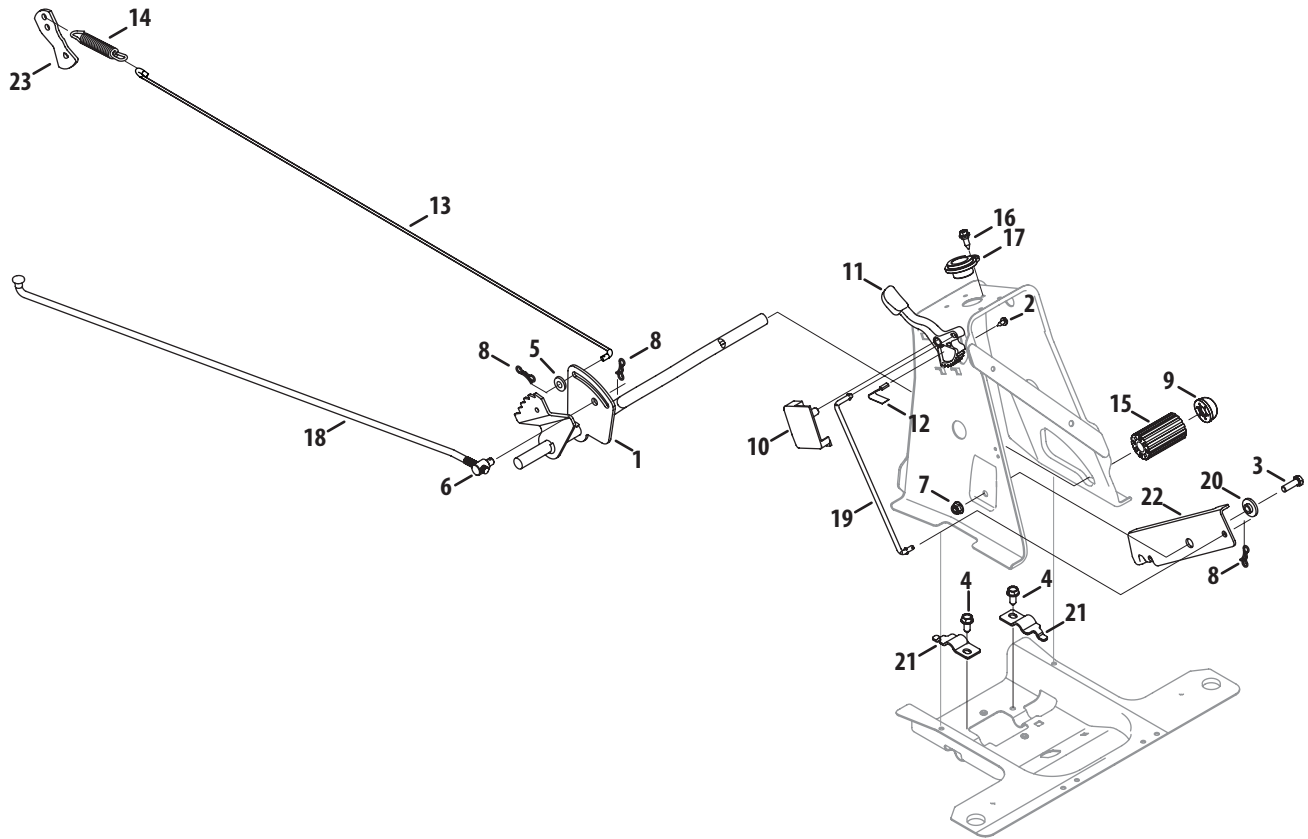
Ref. No.	Part No.	Description
1	710-0607	Tap Screw, 5/16-18, 0.500
2	720-04009A	Knob, 3/8-16, .875
3	712-04063	Flange Lock Nut, 5/16-18
4	732-04905	Seat Spring
5	938-0140	Shldr Spacer, .435 X .178-5/16 X .56
6	935-0199A	Rubber Bumper, .63 Dia
7	757-05019	Seat
8	783-07213A	Seat Pivot Bracket
9	710-0227	Screw, #8
10	710-04484	Tap Screw, 5/16-18, .750
11	710-1652	Tap Screw, 1/4-20, .625
12	925-06119	Key Switch
13	725-04363	Interlock Switch
14	925-05013	Seat Switch
15	725-1643	Switch Spring
16	926-0320	Insulator Plate
17	738-04237A	Shoulder Screw, #10-32, .500
18	747-06131A	Battery Rod
19	747-06148	Battery Hold Down Bracket
20	625-05000	Key, Assembly
21	683-04754	PTO Handle Assembly
22	710-04683A	Tap Screw, 3/8-16, 1.000
23	720-04049A	Handle Grip, 3/8
24	750-0526	Spacer, .380 ID x .50 OD x .265
25	951-04366B	Fuel Tank, 1-3 Gal.
26	751-12089-28	Hose Vent, 3/16 EPA
27	735-04081	Rubber Grommet
28	751-12118	Rollover Valve
29	951-12179B	Fuel Cap
30	925-1707D	Battery, 155 CCA
31	738-1132	Screw, Shoulder, .250 x .150
32	712-0271	Nut, Sems, 1/4-20
33	712-04064	Flange Lock Nut, 1/4-20
34	725-04439	Solienoid, 12v
—	925-06042	Wiring Harness (Not Shown)

Front End Steering



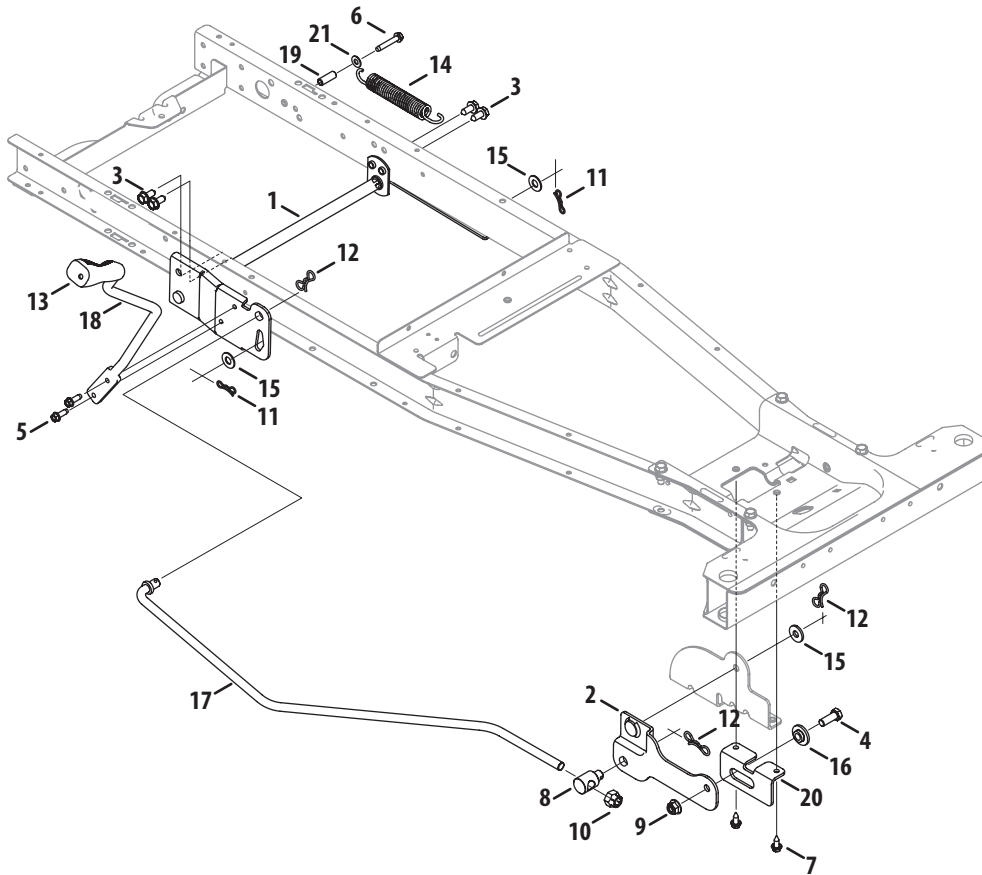
Ref. No.	Part No.	Description
1	683-04726	Front Axle Assembly, RH
2	683-04727	Front Axle Assembly, LH
3	683-04761	Upper Tube Assembly
4	683-04762	Lower Tube Assembly
5	714-0162	Cotter Pin, 5/32 x 1.25
6	738-05000	Shoulder Screw, .375 x .148 x 1/4-20
7	710-0643	Hex Head Screw, 5/16-18:1.00
8	710-0703	Carriage Screw, 1/4-20, .75
9	731-2290A	Hub Cap
10	712-04064	Flange Lock Nut, 1/4-20
11	712-04063	Flange Lock Nut, 5/16-18
12	714-04040	Bow-Tie Cotter Pin, 72
13	717-1554	Steering Pinion Gear
14	726-0341	Push Cap, 3/4
15	726-04127	Snap Butt
16	731-08690	Lower Steering Collar
17	731-08691	Upper Steering Collar
18	736-0242	Bevel Washer, .340X.872X.060
19	738-04537A	Steering Shaft, .625 OD X 18.03
20	741-04542A	Hex Flange Bearing, 5/8
21	741-0660A	Flange Bearing, .760 X .941 X 1.0
22	747-05514	Steering Rod, LH
23	747-05585	Steering Rod, RH
24	747-06027	Front Tie Rod
25	783-06988A	Steering Rack Plate
26	783-07239A	Lower Steering Bearing
27	631-04008A	Steering Wheel, Soft Grip
28	731-04039	No Sprig Cap
29	634-04726-0931	Complete Wheel Assembly
30	736-04228A	Washer, .781 x 1.59

Pedal Controls



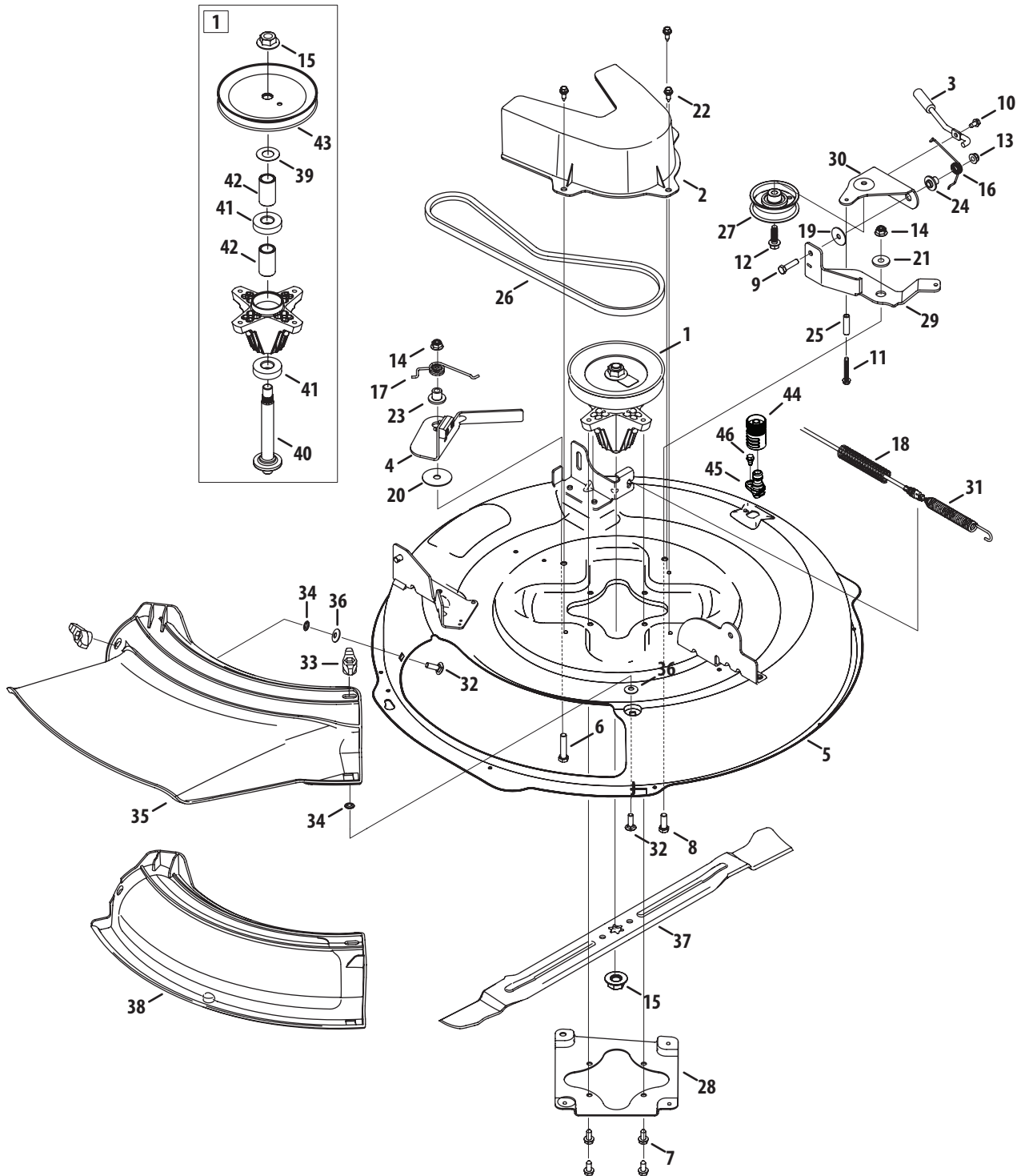
Ref. No.	Part No.	Description
1	683-05017	Brake Pedal Assembly
2	910-0224	Screw, #10-16:0.500
3	710-0376	Hex Head Scerw, 5/16-18:1.00
4	710-04484	Tap Screw, 5/16-18:.750
5	936-0264	Flat Washer, .330 x .630 x .064
6	711-06103	Ferrule 3/8-24 X .375 Dia.
7	712-04063	Flange Lock Nut, 5/16-18
8	714-04040	Bow-Tie Cotter Pin, 72
9	726-0214	Push Cap, 5/8
10	731-08656A	Speed Control Cover
11	731-08743B	Speed Lever, 6-SPEED
12	732-04937	Shift Spring

Ref. No.	Part No.	Description
13	747-06033A	Brake Rod
14	732-0716D	Extension Spring, .59 OD x 4.00 LG
15	735-04279	Foot Pad, 2.5" LG.
16	738-04184A	Shoulder Screw, .368 X.113, 1/4-20
17	741-0356A	Steering Col. Bearing, .880 ID X 1.36
18	747-05506	Variable Speed Control Rod
19	747-06015	Speed Selector Control Rod
20	748-0234	Shoulder Spacer
21	783-05940	Pedal Strap Support Bracket, 5/8
22	783-08116A	Speed Latch Bracket
23	717-0772B	Brake lever Bracket



Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	683-05060	Lift Assembly Shaft	12	714-04043	Bow-Tie Cotter Pin, 91
2	683-04757	Front Hanger Bracket Assembly	13	720-0311	Grip Handle, 1/2
3	710-04484	Tap Screw, 5/16-18, .750	14	732-04692	Extension Spring, .85 OD X 5.915 LG
4	710-0514	Hex Head Screw, 3/8-16, 1.00	15	936-0300	Flat Washer, .406 X .875 X .059
5	710-0642	Tap Screw, 1/4-20, 0.750	16	938-0347	Shoulder Spacer, .625 ID X .169
6	710-0778	Screw, 1/4-20, 1.50	17	747-05511	Lift Link Rod
7	710-1652	Tap Screw, 1/4-20 X .625	18	747-05576	Deck Lift Rod
8	711-05690	Ferrule, .50 X .50	19	750-0566A	Spacer, .260 x .375 x 1.030 LG
9	712-04065	Flange Lock Nut, 3/8-16	20	783-07129	Front Deck Mounting Bracket
10	712-05046	Hex Lock Nut, 1/2-13	21	936-0463	Flat Washer, .250 x .630 x .052
11	714-04040	Bow-Tie Cotter Pin, 72			

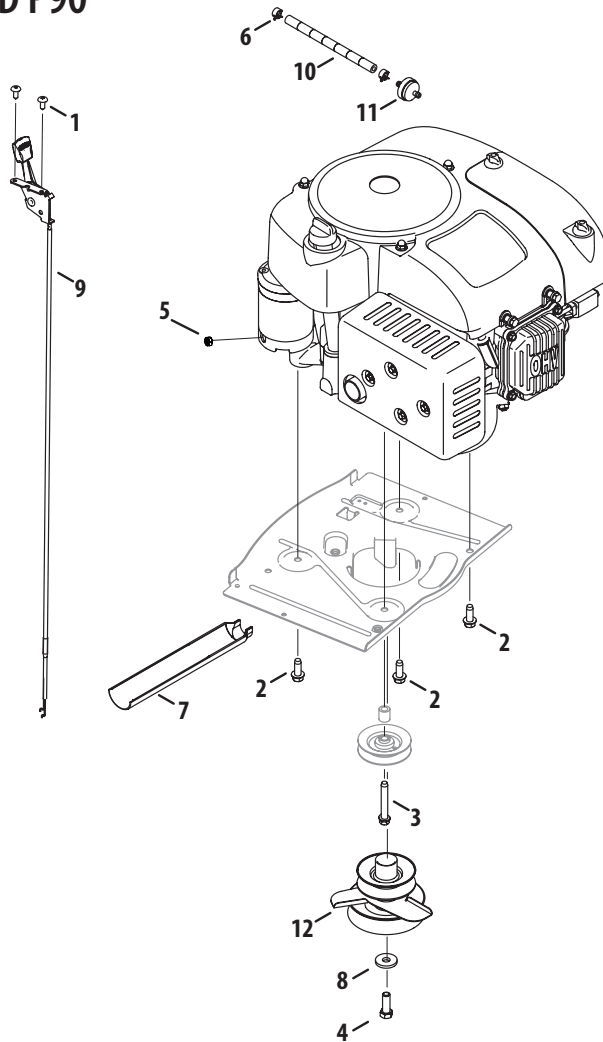
30" Deck



Ref.	Part Number	Description
1	918-04822A	Spindle Pulley Assembly, 6.3 DIA
2	631-05024	Deck Belt Cover
3	647-05028	Idler Rod Assembly
4	983-05034	PTO Brake Assembly Bracket
5	983-05039A	Deck, 30" w/ Nozzle
6	710-0347	Hex Cap Screw, 3/8-16 x 1.75
7	710-1260A	Tap Screw, 5/16-18, .750
8	710-0514	Hex Head Screw, 3/8-16, 1.00
9	710-0528	Hex Cap Screw, 5/16-18 x 1.25
10	710-0599	Tap ScREW, 1/4-20, 0.500
11	710-1026	Tap Screw, 1/4-20, 1.750
12	710-1315	Tap Screw, 3/8-16, 1.250
13	712-04063	Flange Lock Nut, 5/16-18
14	712-04065	Flange Lock Nut, 3/8-16
15	712-0417A	Flange Nut, 5/8-18
16	732-05045	PTO Torsion Spring
17	732-05046	Brake Torsion Spring
18	732-0583	Compression Spring, .625 x 4.0
19	736-0362	Flat Washer, .330x1.250x.060
20	736-3040	Flat Washer, .406 x 1.920 x .060
21	938-0347	Shoulder Spacer, .625 ID X .169
22	738-04184A	Shoulder Screw, .368 X.113: 1/4-20
23	738-05021	Shoulder Spacer, .173 x .625 x .563

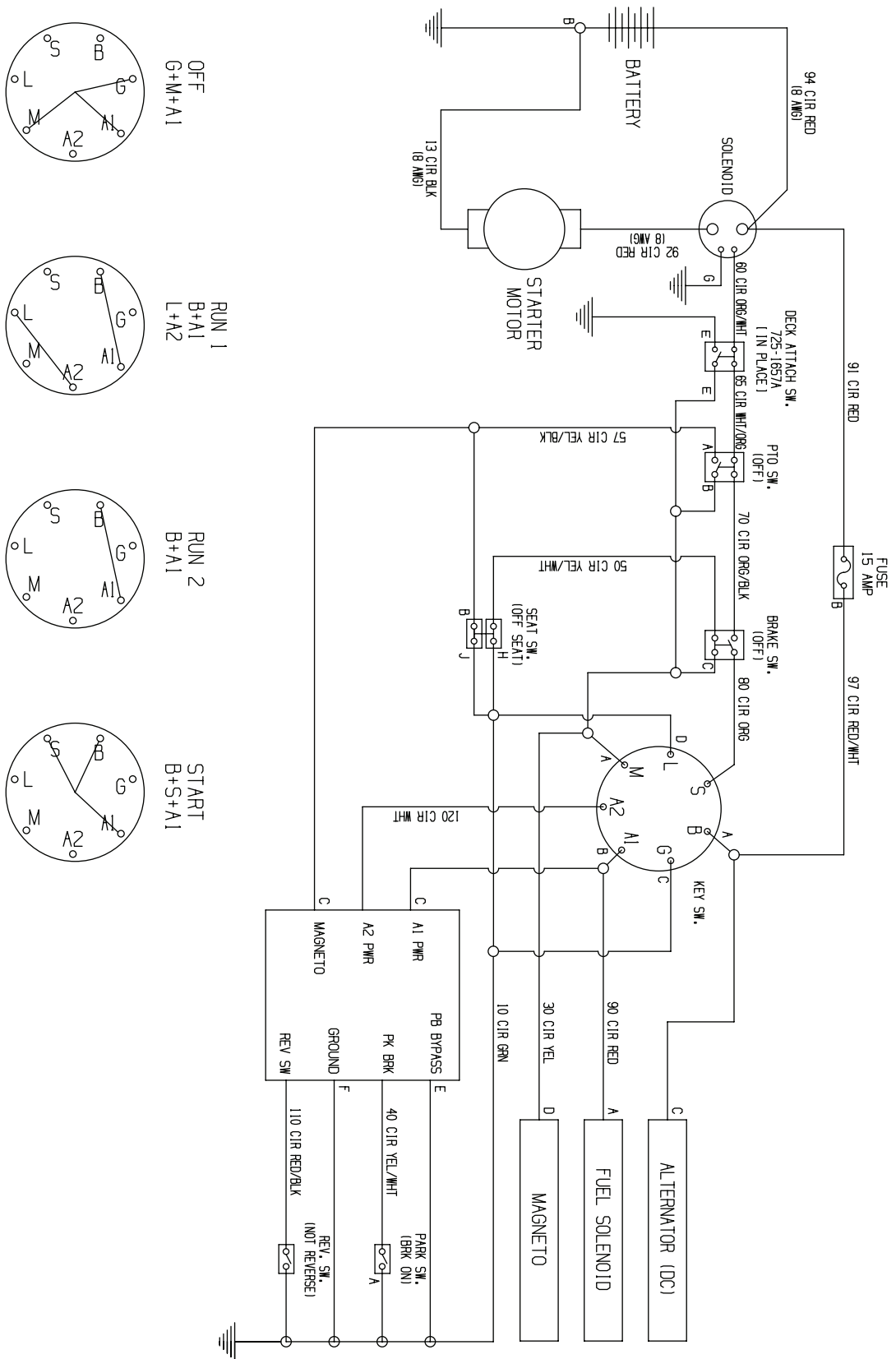
Ref.	Part Number	Description
24	738-05022	Shoulder Spacer, .134 x .500 x .438
25	750-04456	Spacer, .260 X .372 X 1.420 LG
26	954-05001	V-Type Belt, 43.5 LG
27	756-04224	Flat Idler Pulley, 2.75 OD
28	783-08047A	Deck Spindle Support Bracket
29	783-08128	Lower Floating Idler Bracket
30	783-08226	Upper Floating Idler Bracket
31	946-04802A	PTO Cable
32	710-04998	Carriage Screw, 5/16-18, 1.00
33	720-04122	Wing Knob, 5/16-18
34	726-0201	Speed Nut, .3125 ID
35	731-10267	Chute Deflector
36	736-0242	Bevel Washer, .340X.872X.060
37	942-04385	Cutting Blade, 30.00" 3-IN-1
38	731-09312	Mulch Plug
39	936-0351	Shim Washer, .760X1.500X.030
40	738-1186A	Spindle Shaft, 6.11 LG.
41	941-0919A	Ball Bearing, .787ID X 1.85 ODX.551
42	750-04936	Spacer, .792 X 1.060 X 1.860 LG
43	956-1227	Deck Pulley, 6.3 DIA
44	921-04041	Water Nozzle Adapter
45	731-07487	Deck Wash Nozzle
46	738-04278	Shoulder Screw, 1/4-20 x 0.500

Engine Accessories MTD P90



Ref. No.	Part No.	Description
1	710-04483	Tap Screw, 1/4-20, 0.500
2	710-04683A	Tap Screw, 3/8-16, 1.000
3	710-05446	Tap Screw, 3/8-16, 2.250
4	710-06067	Hex Head Screw, 7/16-20 x 1.25
5	912-0691	Nut, Hex Nylon Lock, M6-1.0
6	726-0205	Hose Clamp, .490 DIA.
7	731-1682A	Oil Drain Sleeve
8	736-0322	Flat Washer, .450 x 1.25 x .164
9	946-04829A	Throttle/Choke Cable 31 Lg.
10	751-10349-13	Low Permeation Fuel Line, 1/4
11	BS-298090S	Fuel Filter, 1/4", 298090
12	756-04479A	Engine Pulley, 4.46 / 3.39

Wiring Harness Schematic - 725-06042



Labels

777D19445



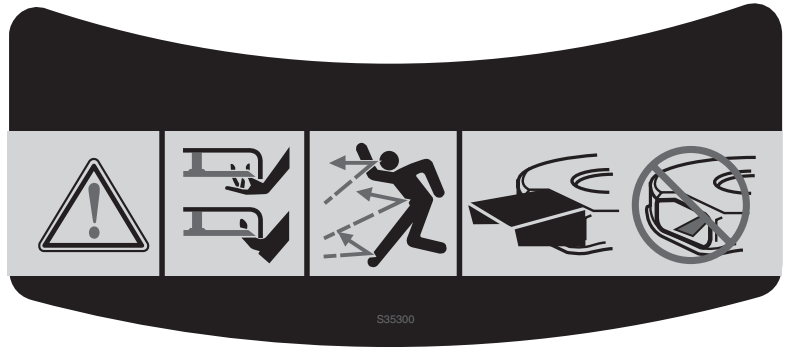
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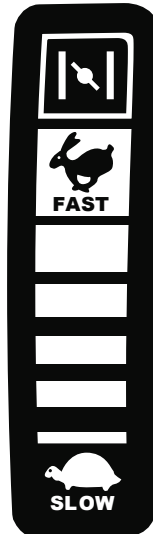


777X46971

Cub Cadet		CC30	
COMMON PARTS	TEM NUMBER	COMMON PARTS	TEM NUMBER
Blade(s)	942-0438 5	Battery Voltage	12 Volts
Deck belt(s)	954-0500 1	ACCESSORIES	TEM NUMBER
Drive belt(s)	954-0241A / 954-0433 1	Bagger	19A30014OEM
Spark Plug(s)	951-1029 2	Mulch Kit	19A30013OEM
Air Filter	951-1226 0	Riding Mower Cover	490-290-0013
Oil Filter	951-1269 0	Oil Siphon	490-850-0008
Fuel Filter	BS-298090S	Blade Removal Tool	490-850-0005
Amount of oil & weight	57 oz / 10W-30		

X46971 **ww w. cubcadet .c om**

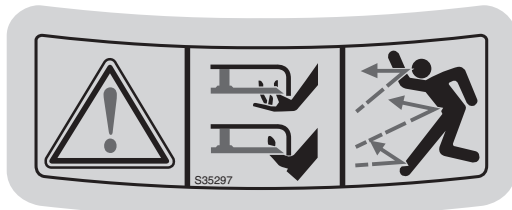
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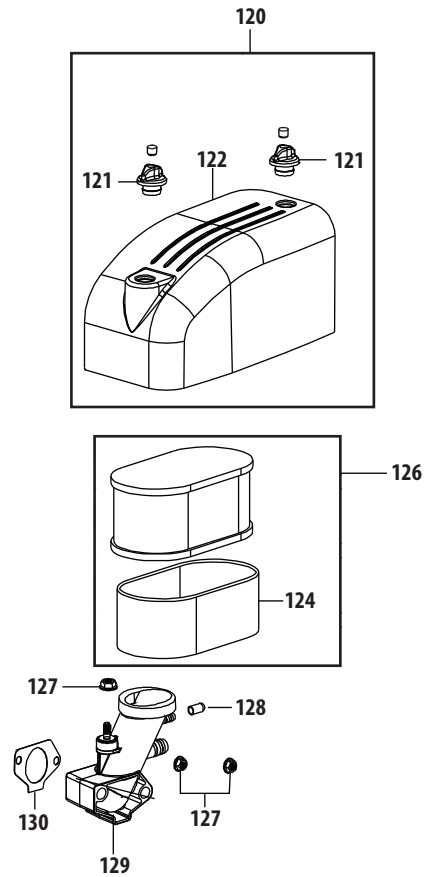
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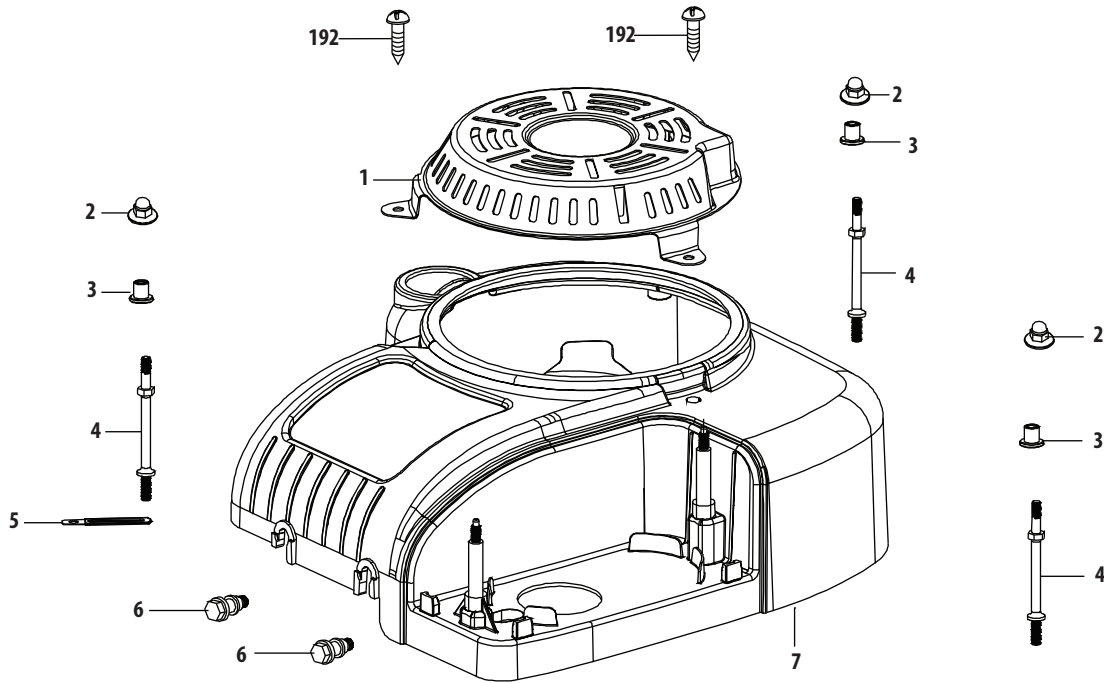
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Engine Model 4P90JUA Air Intake

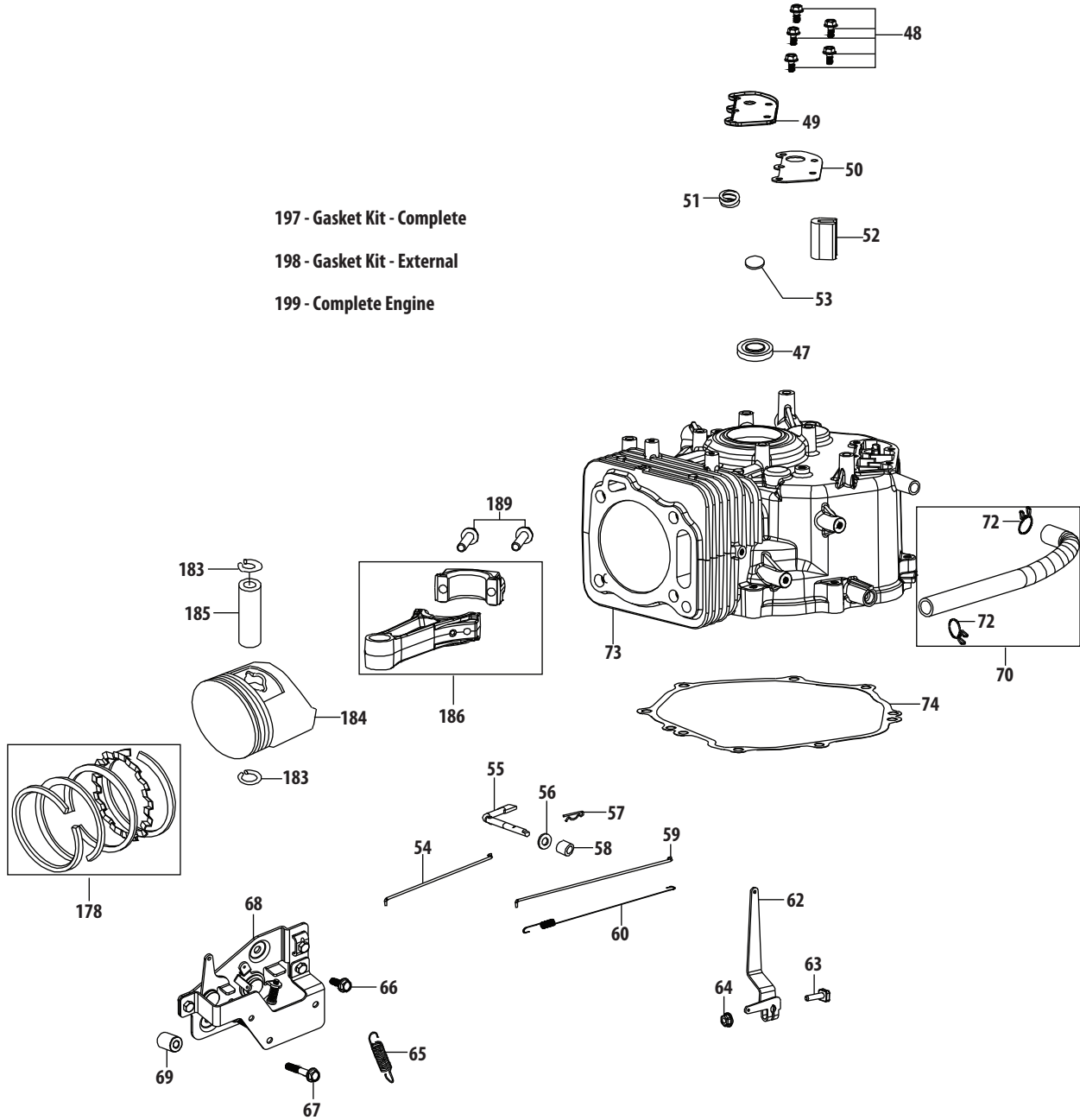


Ref.	Part Number	Description
120	951-12255	Air Filter Cover Assembly
121	712-04291	Air Filter Lock Nut
122	951-12255	Air Filter Cover
124	951-12256	Sponge Filter
126	951-12260	Air Filter Assembly
127	712-04212	Nut M6
128	951-12328	Rubber Cap
129	951-12257	Manifold
130	951-12258	Manifold Gasket



Ref.	Part Number	Description
1	751-12205	Debris Shield
2	712-04290	Nut
3	750-05320	Engine Shroud Spacer
4	710-05304	Starter / Shroud Stud M6×100
5	951-11622	Flexible Clamp
6	710-05305	Hook Bolt
7	951-12206	Air Shield
192	710-05303	Self-Tapping Bolt 5.5×25

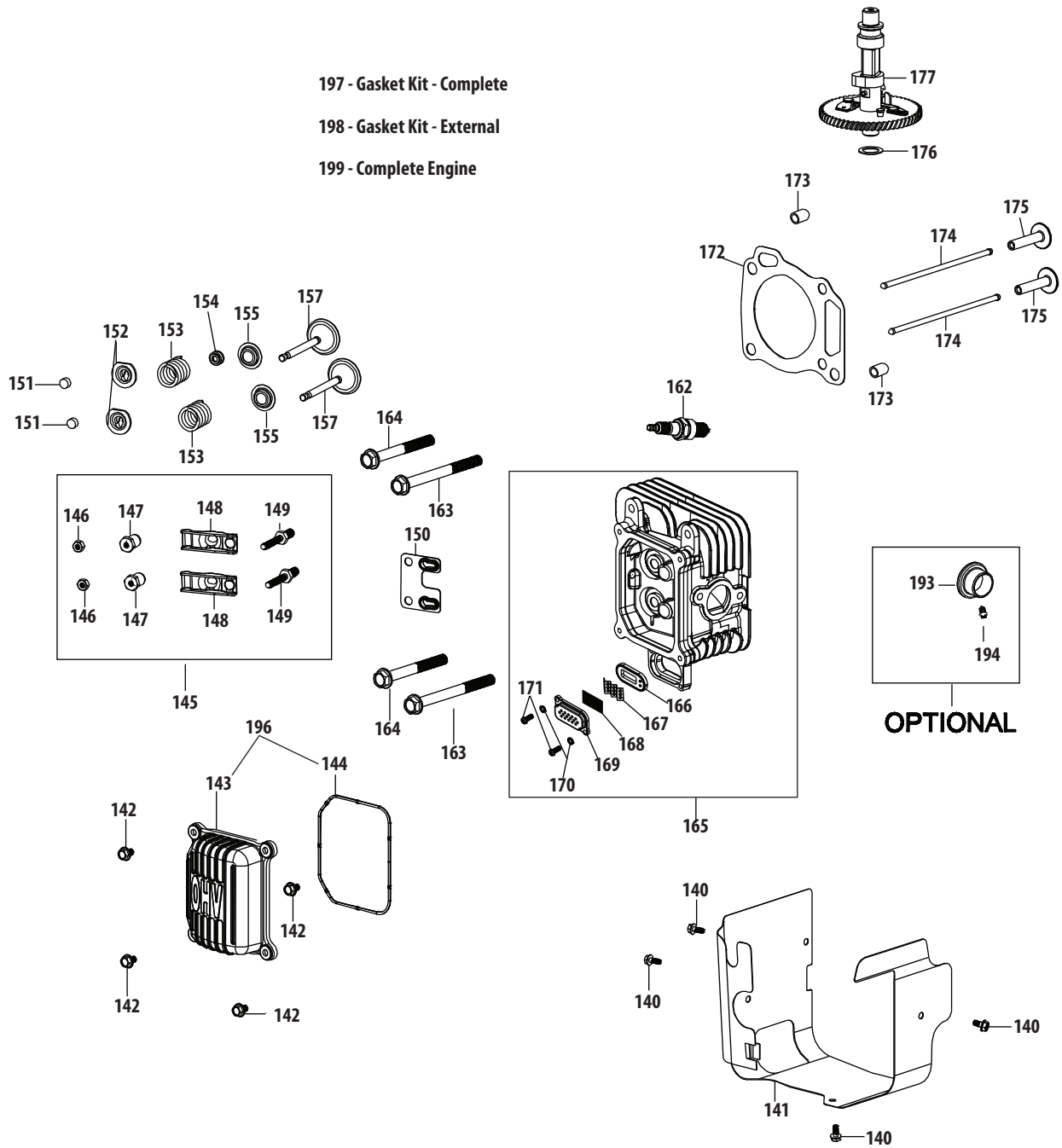
4P90JUA Crankcase



4P90JUA Crankcase

Ref.	Part Number	Description	Ref.	Part Number	Description
47	951-11499	Upper Crankshaft Seal	68	951-12234	Throttle Control Bracket
48	710-04916	Bolt M6×14	69	750-05530	Component Bracket Spacer
49	751-12770	Breather Cover Plate	70	951-12235	Breather Hose Assembly
50	951-12226	Breather Gasket	72	951-12236	Breather Hose Clamp
51	951-12685	Umbrella Valve	73	751-12200A	Short Block Assembly (Incl.37,47-53,55-58,73-77,84, 86-89,91-93,98-104,112,113, 115-119,137,138,144,160, 172,173,175-178,183-186)
52	951-12227	Mesh Screen	184	951-12276	Piston
53	951-12686	Umbrella Valve Seat	185	951-11954	Piston Pin
54	951-12228	Choke Linkage	186	951-12277	Connecting Rod Assembly
55	951-12229	Governor Arm Shaft	189	710-05319	Connecting Rod Bolt
56	736-04558	Governor Washer	197	951-12204	Gasket Kit - Complete (Incl.47,50,58,74,113,118,130 136-138,144,160,166)
57	714-04074	Governor Cotter Pin	198	951-12201	Gasket Kit - External (Incl.113,130,136-138,144,160)
58	951-11574	Governor Seal	199	952Z4P90JUA	Complete Engine
59	951-12230	Throttle Linkage			
60	951-12231	Throttle Linkage Spring			
62	951-12232	Governor Arm			
63	710-04908	Governor Arm Bolt			
64	712-04212	Governor Arm Nut M6			
65	951-12233	Governor Spring			
66	710-04979	Bolt M6×18			
67	710-05310	Bolt M6×38			

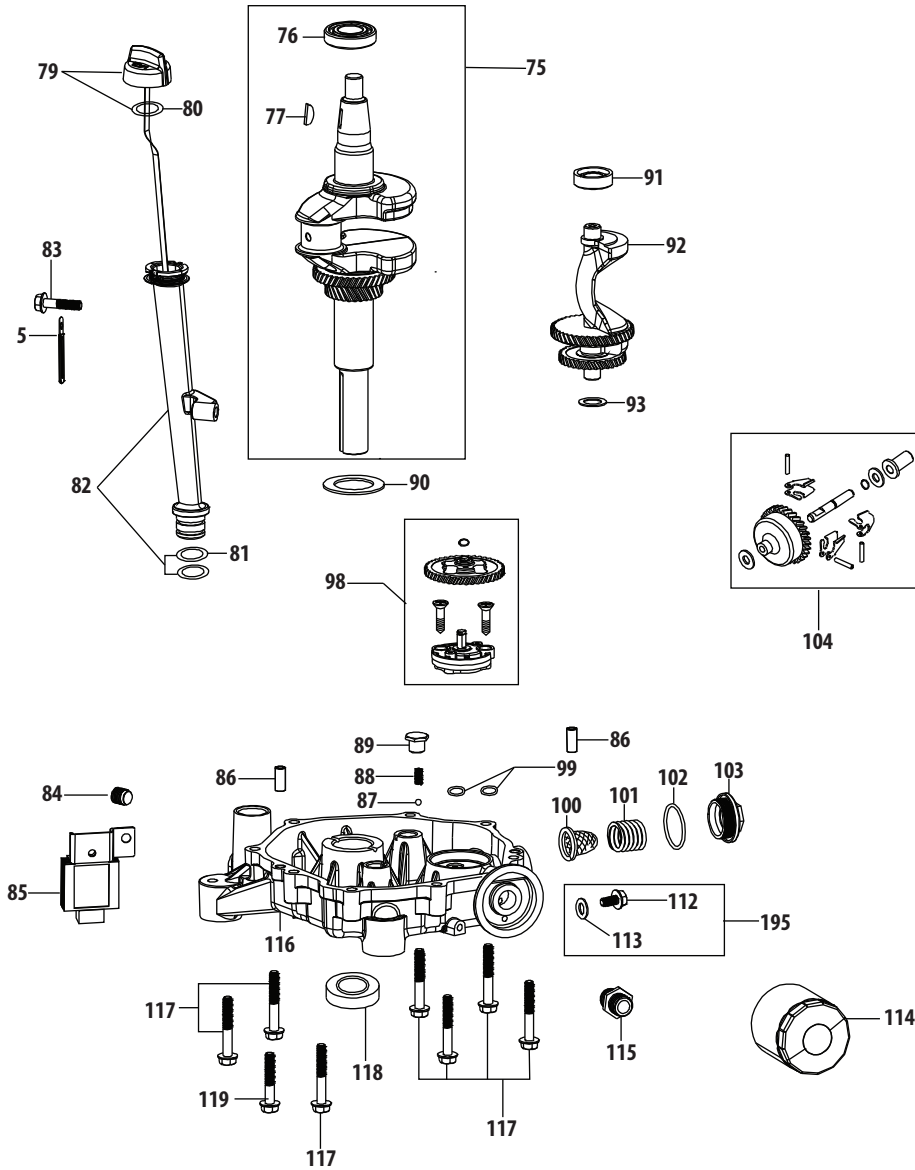
4P90JUA Cylinder Head



4P90JUA Cylinder Head

Ref.	Part Number	Description	Ref.	Part Number	Description
140	710-05315	Bolt M5×10	165	951-12202	Cylinder Head Kit (Incl.144,156,163,164,166)
141	951-12265	Cowl	166	751-12774	Air Valve Core
142	710-05316	Valve Cover Bolt	167	751-12775	Strainer Clip
143	951-12266	Valve Cover	168	751-12776	Strainer
144	951-12267	Valve Cover Ring Gasket	169	751-12777	The Air Valve Bonnet
145	951-11981	Rocker Arm Assembly	170	736-04629	Washer
146	751-11124	Jam Nut	171	710-05450	Screw M5×12
147	751-11123	Fulcrum Nut	172	951-12273	Cylinder Head Gasket
148	951-11966	Rocker Arm	173	715-04122	Cylinder Head Dowel 12×16
149	710-04962	Rocker Arm Stud	174	951-11335	Push Rod Kit
150	951-12268	Push Rod Guide	175	951-11962	Tappet
151	951-12081	Exhaust Valve Adjuster	176	736-04561	Camshaft Thrust Washer
152	951-12080	Exhaust Valve Spring Retainer	177	951-12274	Camshaft Assembly
153	951-12078	Valve Spring	193	951-12329	Spark Arrestor
154	951-11964	Intake Valve Seal	194	710-05344	Spark Arrestor Screw
155	951-12077	Valve Spring Retainer	196	951-12197	Valve Cover Kit
157	951-11337	Valve Kit	197	951-12204	Gasket Kit - Complete (Incl.47,50,58,74,113,118,130 136-138,144,160,166)
162	951-10292	Spark Plug/F6Rtc	198	951-12201	Gasket Kit - External (Incl.113,130,136-138,144,160)
163	710-05317	Bolt M10×1.25×85	199	952Z4P90JUA	Complete Engine
164	710-05318	Bolt /M10×1.25×65			
165	751-12778	Cylinder Head Asm (Incl.137-139,144,146-157 160,161,163-172)			

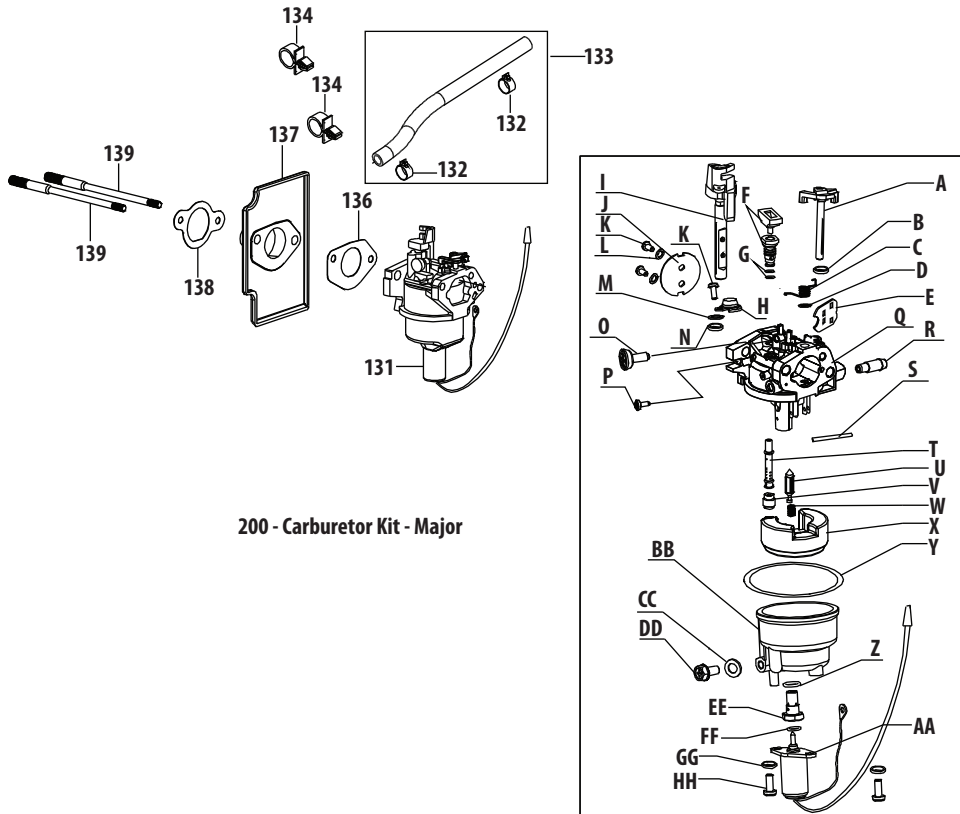
4P90JUA Crankshaft & Crankcase Cover



4P90JUA Crankshaft & Crankcase Cover

Ref.	Part Number	Description	Ref.	Part Number	Description
5	951-11622	Flexible Clamp	98	951-12248	Oil Pump Assembly
75	951-12238	Crankshaft Assembly	99	951-12247	O-Ring 10×2.65
76	951-11969	Main Bearing	100	951-12249	Filter
77	951-10307	Woodruff Key	101	951-12250	Filter Spring
79	951-12239	Dipstick Assembly	102	951-12251	O-Ring 35.5×2.65
80	951-12241	Upper O-Ring	103	951-12252	Filter Cover
81	951-12363	Lower O-Ring	104	951-11956	Governor Gear/Shaft Assembly
82	951-12240	Oil Fill Tube Assembly	112	710-05313	Bolt M8×15
83	710-04980	Bolt M6×35	113	736-04560	Oil Drain Plug Washer
84	710-05311	Oil Drain Plug	114	951-12690	Oil Filter
85	951-12242	Regulator	115	951-12253	Screw Joint
86	715-04121	Dowel Pin 8×14	116	951-12254	Crankcase Cover
87	951-12243	Ball 6.35		951-12318	Crankcase Cover Asm (Incl.87-89,100-104,112,113,115,116)
88	951-12244	Spring			
89	710-05312	Bolt	117	710-04982	Bolt M8×54
90	736-04557	Crankshaft Thrust Washer	118	951-11375	Lower Crankshaft Seal
91	951-12245	Balanceable Shaft Bearing	119	710-05314	Bolt M8×43
92	751-12246	Balanceable Shaft Assembly	195	951-12194	Oil Drain Plug Assembly
93	736-04559	Balanceable Thrust Washer			

4P90JUA Carburetor Assembly



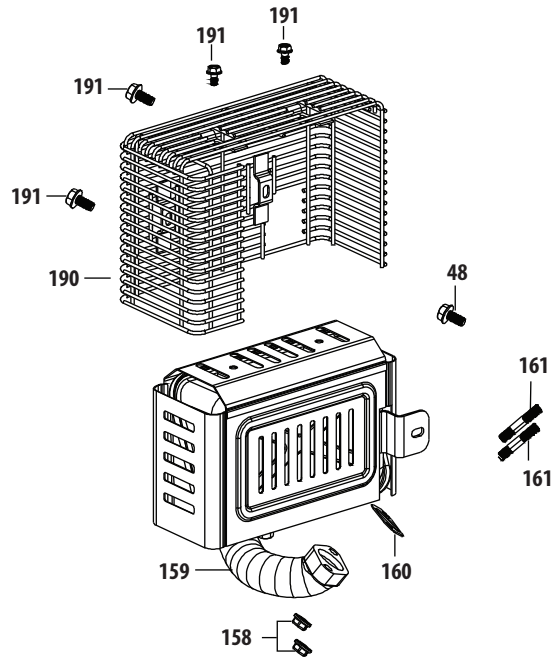
200 - Carburetor Kit - Major

4P90JUA Carburetor Assembly

Ref.	Part Number	Description
131	951-12823	Carburetor Assembly
132	951-11731	Fuel Hose Clamp
133	951-11336	Fuel Line Kit
134	723-04071	Plastic Support Clamp
136	951-12261	Carburetor Gasket
137	951-12262	Carburetor Insulator
138	951-12263	Carburetor Insulator Gasket
139	951-12264	Carb Stud
200	751-12779	Carburetor Kit - Major (Incl.130,136,B,BB,CC,DD G,M,N,U,W,Y,Z)
A	n/a	Choke Shaft
B	n/a	Fiber O-Ring
C	n/a	Choke Return Spring
D	n/a	Flat Steel Washer
E	n/a	Choke Plate
F	n/a	Idle Jet Assembly
G	n/a	Idle Jet O-Ring
H	n/a	Sheetmetal Housing
I	n/a	Throttle Shaft
J	n/a	Throttle Plate
K	n/a	Screw M3×5

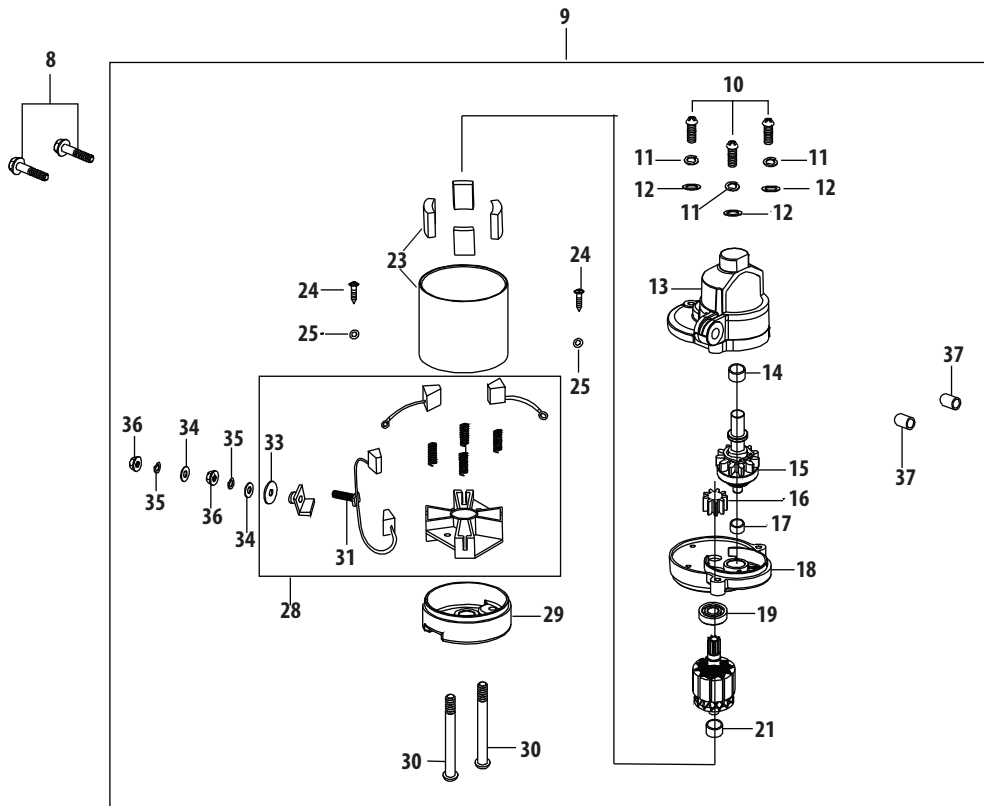
Ref.	Part Number	Description
L	n/a	Lock Washer
M	n/a	Nylon/Plastic O-Ring
N	n/a	Fiber O-Ring
O	n/a	Idle Speed Adjusting Screw
P	n/a	Idle Mixture Screw
Q	n/a	Carburetor Body
R	n/a	Fuel Inlet
S	n/a	Float Pin
T	n/a	Emulsion Tube
U	n/a	Needle Valve
V	n/a	Main Jet
W	n/a	Needle Valve Spring
X	n/a	Float
Y	951-12304	Fuel Bowl O-Ring
Z	751-12772	Seat/Fuel Bowl Bolt O-Ring
AA	751-12773	Solenoid Valve Assembly
BB	n/a	Fuel Bowl
CC	951-11349	Fuel Drain Plug Gasket
DD	710-04938	Fuel Drain Plug
EE	710-05449	Seat/Fuel Bowl Bolt
GG	736-04554	Washer
HH	710-05337	Screw M5×12

4P90JUA Muffler Assembly



Ref.	Part Number	Description
48	710-04916	Bolt M6×14
158	712-04219	Nut M8
159	951-12270	Muffler Assembly
160	951-12271	Exhaust Pipe Gasket
161	951-12272	Muff Stud M8×47
161	951-12196	Muffler Stud Assembly
190	951-12278	Wire Mesh Shield
191	710-05051	Bolt M6×12

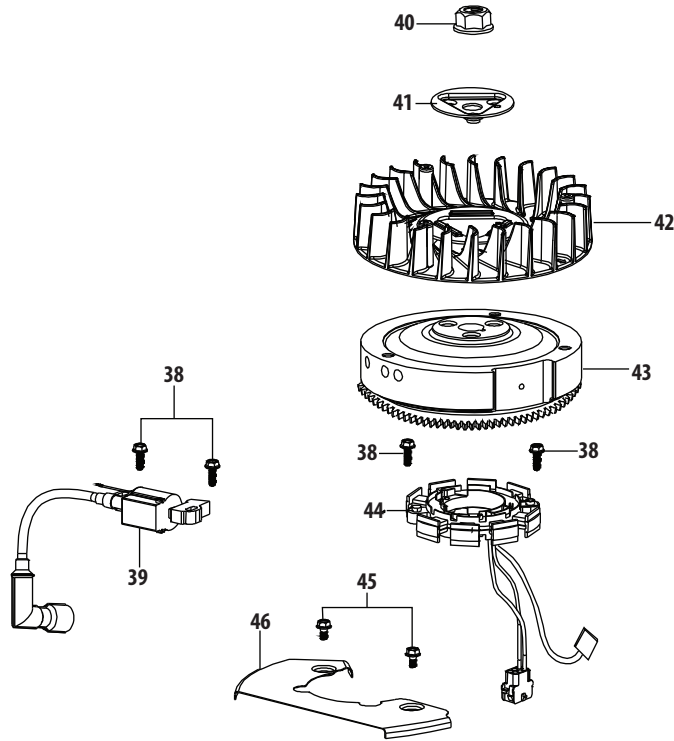
4P90JUA Starter Assembly



Ref.	Part Number	Description
8	710-05306	Bolt M8×40
9	951-12207	Starter Assembly
10	710-05307	Screw M5×25
11	736-04554	Lock Washer 5
12	736-04556	Plain Washer 6
13	951-12208	Electrical Starter Front Cover
14	951-12211	Bearing
15	951-12210	Pinion/Clutch Assembly
16	951-12312	Gear
17	951-12209	Bearing
18	951-12212	Pinion Cover
19	951-12214	Bearing 6001Zz
21	951-12216	Bearing

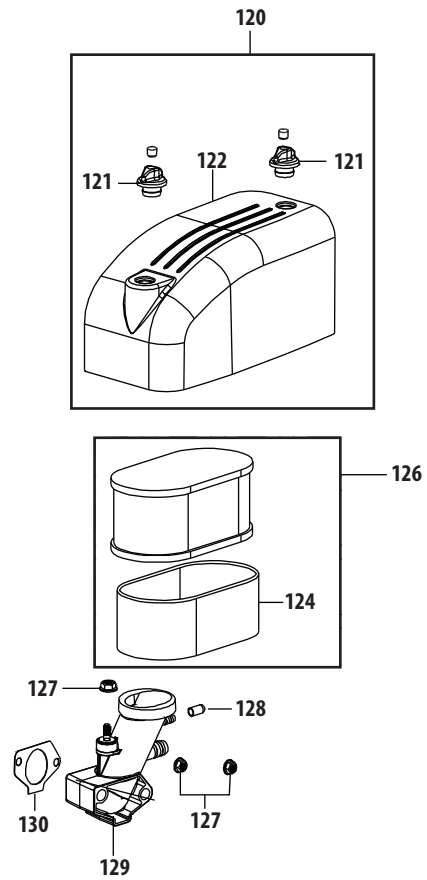
Ref.	Part Number	Description
23	951-12528	Starter Housing Assembly
24	951-12217	Screw
25	736-04554	Lock Washer
28	951-12529	Brush Assembly
29	951-12219	Electrical Starter Back Cover
30	710-05308	Bolt M6×100
31	951-12324	Bolt M6×30 Assembly
33	736-04555	Insulation Washer
34	736-04556	Plain Washer 6
35	736-04477	Lock Washer 6
36	712-04212	Nut M6
37	715-04120	Dowel Pin 10×14

4P90JUA Ignition & Electrical

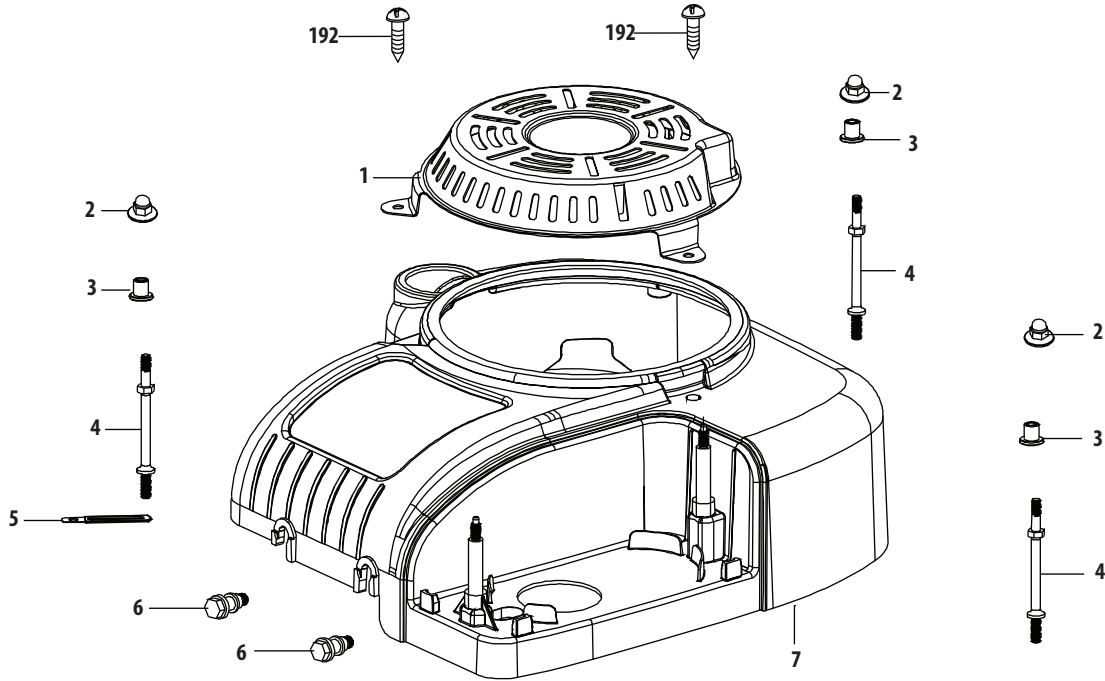


Ref.	Part Number	Description
38	710-04920	Bolt M6×28
39	951-12220	Ignition Coil Assembly
40	712-04220	Flywheel Nut M16×1.5
41	951-12221	Fan Mounting Plate
42	751-12222A	Cooling Fan
43	951-12223	Flywheel
44	951-12224	Coil Assy. Charge
45	710-04940	Bolt M6×10
46	951-12279	Cowl

Engine Model 4P90JUB Air Intake

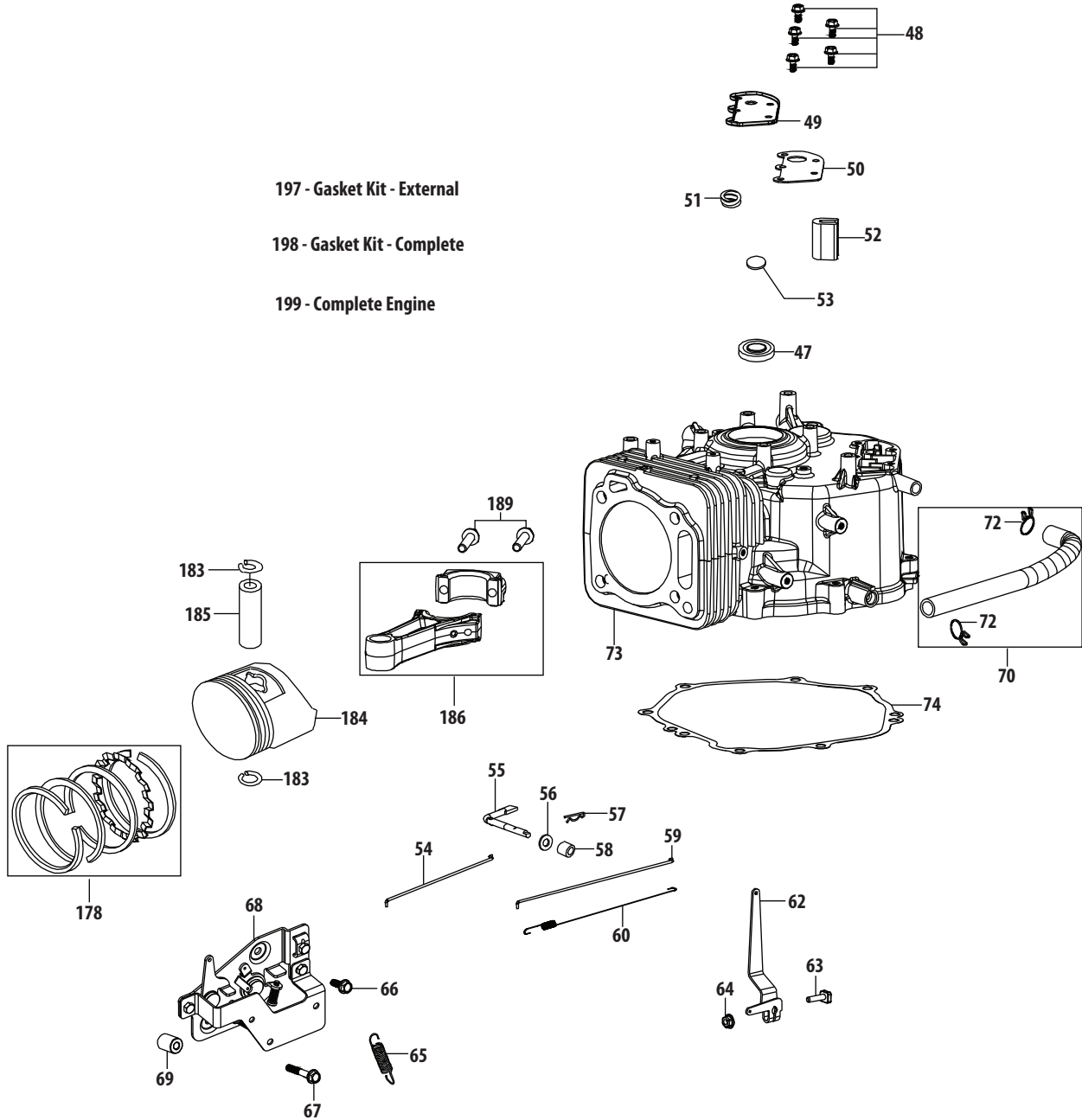


Ref.	Part Number	Description
120	951-14458	Air Filter Cover Assembly
121	951-14466	Air Filter Lock Nut
122	951-12255	Air Filter Cover
124	951-12256	Sponge Filter
126	951-12260	Air Filter Assembly
127	712-04212	Nut M6
128	951-12328	Rubber Cap
129	951-12257	Manifold
130	951-12258	Manifold Gasket



Ref.	Part Number	Description
1	951-12205	Debris Shield
2	712-04290	Nut
3	750-05320	Engine Shroud Spacer
4	951-14454	Starter / Shroud Stud M6x99
5	951-11622	Flexible Clamp
6	710-05305	Hook Bolt
7	751-14455	Air Shield
192	710-05303	Self-Tapping Bolt 5.5x25

4P90JUB Crankcase



197 - Gasket Kit - External

198 - Gasket Kit - Complete

199 - Complete Engine

4P90JUB Crankcase

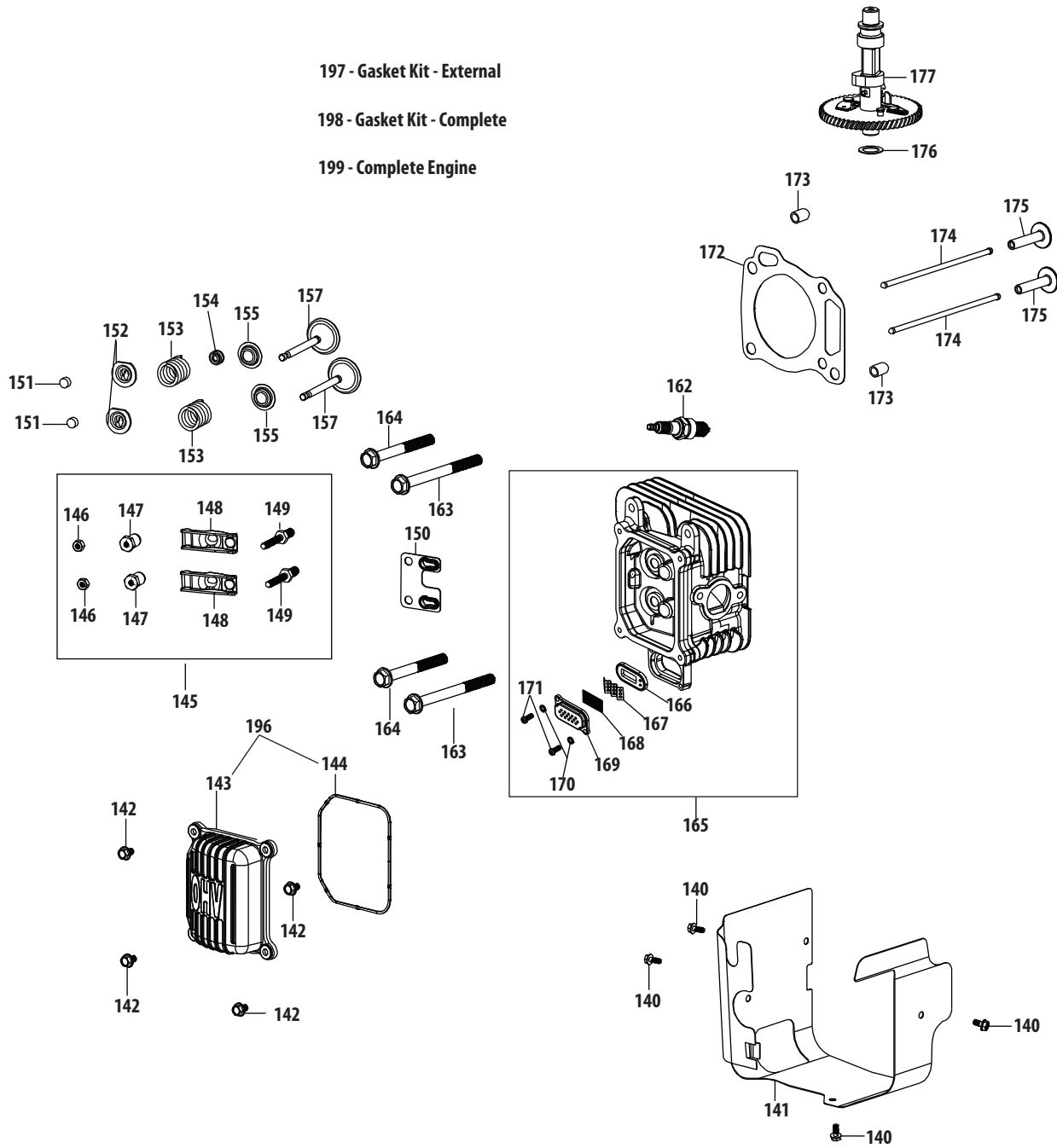
Ref.	Part Number	Description	Ref.	Part Number	Description
47	951-11499	Upper Crankshaft Seal	69	750-05530	Component Bracket Spacer
48	710-04916	Bolt M6×14	70	951-12235	Breather Hose Assembly
49	951-14456	Breather Cover Plate	72	951-12236	Breather Hose Clamp
50	951-12226	Breather Gasket	73	951-14462	Short Block Assembly (Incl.37,47-53,55-58,73-77,84,86,87-89, 91-93,98-104,112,113,115-119,137-138, 144,160,172,173,175-178,183-186)
51	951-12685	Umbrella Valve	74	951-12237	Crankcase Cover Gasket
52	951-12227	Mesh Screen	178	951-12275	Piston Ring Set
53	951-12686	Umbrella Valve Set	183	951-11953	Piston Pin Snap Ring
54	951-12228	Choke Linkage	184	951-12276	Piston
55	951-12229	Governor Arm Shaft	185	951-11954	Piston Pin
56	736-04558	Governor Washer	186	951-12277	Connecting Rod Assembly
57	714-04074	Governor Cotter Pin	189	710-05319	Connecting Rod Bolt
58	951-11574	Governor Seal	197	951-12201	Gasket Kit - External (Incl.113,130,136,137,138,114,160)
59	951-12230	Throttle Linkage	198	951-12204	Gasket Kit - Complete (Incl.47,50,58,74,113,118,130, 136,137,138,144,160,172)
60	951-12231	Throttle Linkage Spring	199	952Z4P90JUB	Complete Engine
62	951-12232	Governor Arm			
63	710-04908	Governor Arm Bolt			
64	712-04212	Governor Arm Nut M6			
65	951-12233	Governor Spring			
66	710-04979	Bolt M6×18			
67	710-05310	Bolt M6×38			
68	951-14457	Component Bracket/Separate			

4P90JUB Cylinder Head

197 - Gasket Kit - External

198 - Gasket Kit - Complete

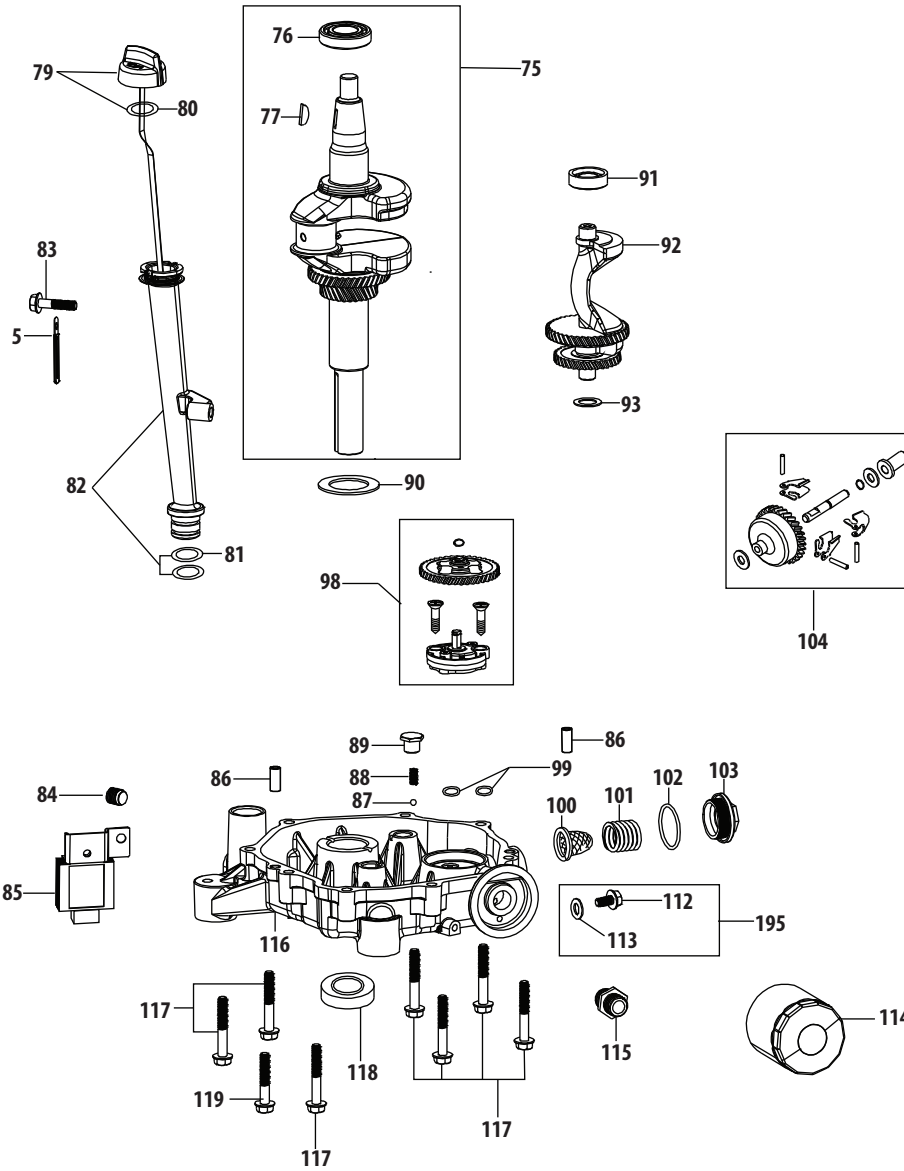
199 - Complete Engine



4P90JUB Cylinder Head

Ref.	Part Number	Description	Ref.	Part Number	Description
140	710-05315	Bolt M5×10		951-14463	Cylinder Head Asm (Incl.137-139,144,146-159, 161-163,165-170)
141	951-12265	Cowl			
142	710-05316	Valve Cover Bolt	166	951-14460	Air Valve Core
143	951-12266	Valve Cover	167	951-12775	Strainer Clip
144	951-12267	Valve Cover Ring	168	951-12776	Second Air Valve Filter Element
145	951-11981	Rocker Arm Assembly	169	951-12777	The Air Valve Bonnet
146	751-11124	Jam Nut	170	736-04629	Washer
147	751-11123	Fulcrum Nut	171	710-05337	Screw M5×12
148	951-11966	Rocker Arm	172	951-12273	Cylinder Head Gasket
149	710-04962	Rocker Arm Stud	173	715-04122	Cylinder Head Dowel 12×16
150	951-12268	Push Rod Guide	174	951-11335	Push Rod Kit
151	951-12269	Exhaust Valve Adjuster	175	951-11962	Tappet
152	951-12080	Exhaust Valve Spring Retainer	176	736-04561	Camshaft Thrust Washer
153	951-12078	Valve Spring	177	951-12274	Camshaft Assembly
154	951-11964	Intake Valve Seal	196	951-12197	Valve Cover Kit
155	951-12077	Valve Spring Retainer	197	951-12201	Gasket Kit - External (Incl.113,130,136,137,138,114,160)
156	951-11337	Valve Kit			
157	951-11337	Valve Kit	198	951-12204	Gasket Kit - Complete (Incl.47,50,58,74,113,118,130, 136,137,138,144,160,172)
162	951-10292	Spark Plug/F6Rtc	199	952Z4P90JUB	Complete Engine
163	710-05317	Bolt M10×1.25×85			
164	710-05318	Bolt /M10×1.25×65			
165	951-12202	Cylinder Head Kit (Incl.144,154,163,164,172)			

4P90JUB Crankshaft & Crankcase Cover



4P90JUB Crankshaft & Crankcase Cover

Ref.	Part Number	Description
5	951-11622	Flexible Clamp
75	951-12238	Crankshaft Assembly
76	951-11969	Main Bearing
77	951-10307	Woodruff Key
79	951-12239	Dipstick Assembly
80	951-12241	Upper O-Ring
81	951-12363	Lower O-Ring
82	951-12240	Oil Fill Tube Assembly
83	710-04980	Bolt M6×35
84	710-05311	Oil Drain Plug
85	951-12242	Regulator
86	715-04121	Dowel Pin 8×14
87	951-12243	Ball 6.35
88	951-12244	Spring
89	710-05312	Bolt
90	736-04557	Crankshaft Thrust Washer
91	951-12245	Balanceable Shaft Bearing
92	751-12246	Balanceable Shaft Assembly
93	736-04559	Balanceable Thrust Washer

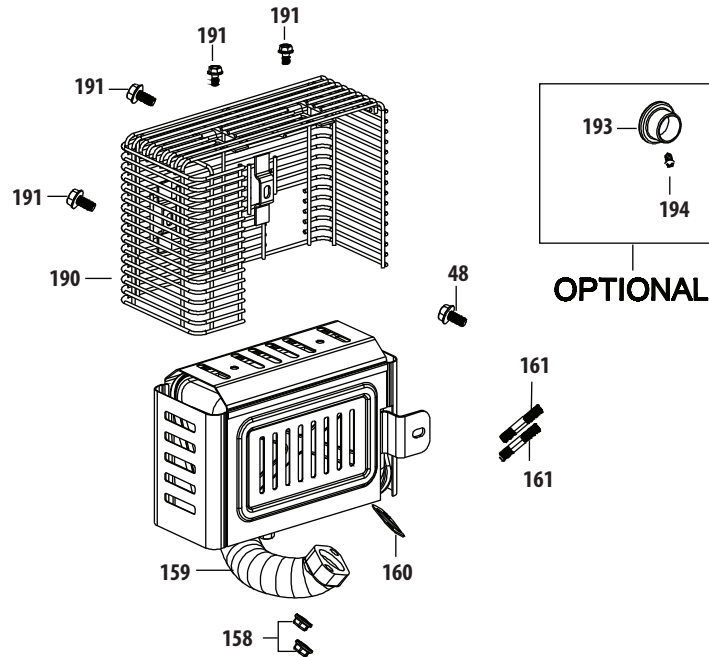
Ref.	Part Number	Description
98	951-12248	Oil Pump Assembly
99	951-12247	O-Ring 10×2.65
100	951-12249	Filter
101	951-12250	Filter Spring
102	951-12251	O-Ring 35.5×2.65
103	951-12252	Filter Cover
104	951-11956	Governor Gear/Shaft Assembly
112	710-05313	Bolt M8×15
113	736-04560	Oil Drain Plug Washer
114	951-12690	Oil Filter
115	951-12253	Screw Joint
116	951-12254	Crankcase Cover
	951-12318	Crankcase Cover Asm (Incl.87,88,89,100,101,102, 103,104,112,113,115,116)
117	710-04982	Bolt M8×54
118	951-11375	Lower Crankshaft Seal
119	710-05314	Bolt M8×43
195	951-12194	Oil Drain Plug Assembly

4P90JUB Carburetor Assembly

Ref.	Part Number	Description
131	951-12771A	Carburetor Assembly
132	951-11731	Fuel Hose Clamp
133	951-11336	Fuel Line Kit
134	723-04071	Plastic Support Clamp
136	951-12261	Carburetor Gasket
137	951-12262	Carburetor Insulator
138	951-12263	Carburetor Insulator Gasket
139	951-12264	Carb Stud
200	951-14179	Carburetor Kit - Major (Incl.130,136,138,F,G,S,T,U,V,W,X,Y,Z)
A	n/a	Choke Shaft
B	n/a	Choke Shaft Fiber O-Ring
C	n/a	Choke Return Spring
D	n/a	Flat Steel Washer
E	n/a	Choke Plate
F	n/a	Idle Jet Assembly
G	n/a	Idle Jet O-Ring
H	n/a	Sheetmetal Housing
I	n/a	Throttle Shaft
J	n/a	Throttle Plate
K	n/a	Screw M3x5
L	n/a	Lock Washer
M	n/a	Nylon/Plastic O-Ring

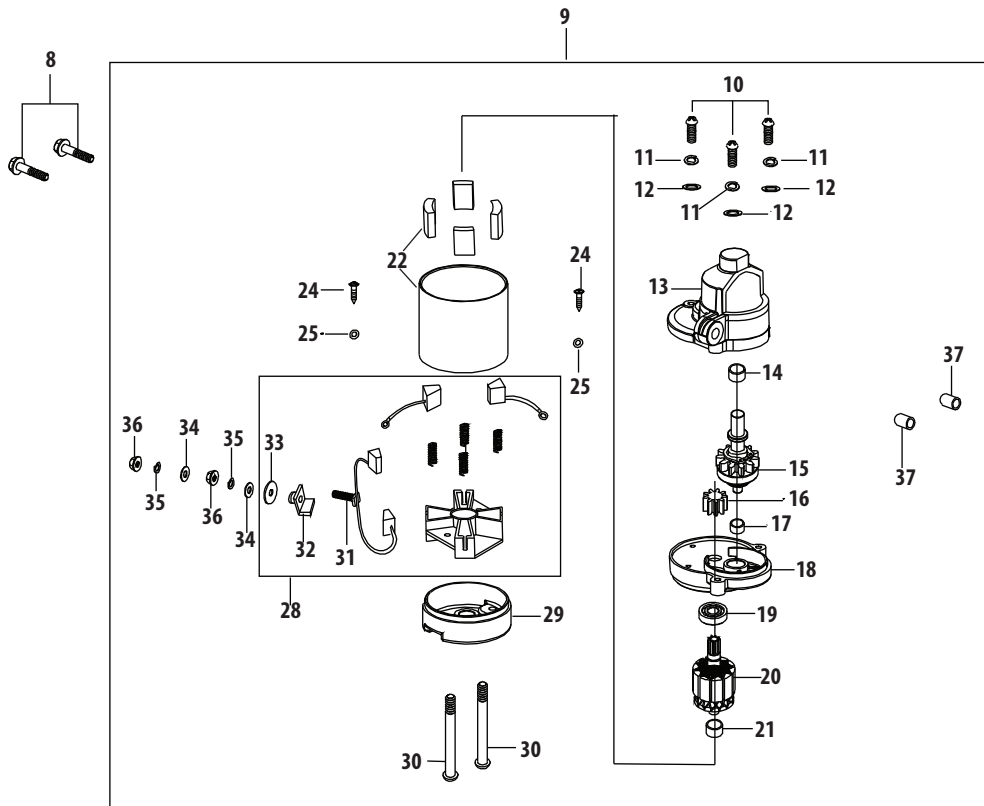
Ref.	Part Number	Description
N	n/a	Fiber O-Ring
O	n/a	Idle Speed Adjusting Screw
P	n/a	Idle Mixture Screw
Q	n/a	Carburetor Body
R	n/a	Fuel Inlet
S	n/a	Float Pin
T	n/a	Emulsion Tube
U	n/a	Needle Valve
V	n/a	Main Jet
W	n/a	Needle Valve Spring
X	n/a	Float
Y	n/a	Fuel Bowl O-Ring
Z	n/a	O-Ring
AA	951-14175	Fuel Shut-off Solenoid Valve Kit (Incl.130,136,138,AA,G,H,Z)
BB	951-14176	Fuel Bowl Kit (Incl.130,136,138,BB,CC,DD,EE,Y,Z)
CC	n/a	Fuel Drain Plug Gasket
DD	n/a	Fuel Drain Plug
EE	n/a	Seat/Fuel Bowl Bolt
GG	n/a	Washer
HH	n/a	Screw M5x12

4P90JUB Muffler Assembly



Ref.	Part Number	Description
48	710-04916	Bolt M6×14
158	712-04219	Nut M8
159	951-14468	Muffler Assembly
160	951-12271	Exhaust Pipe Gasket
161	951-12272	Muff Stud M8×47
161	951-12196	Muffler Stud Assembly
190	951-12278	Wire Mesh Shield
191	710-05051	Bolt M6×12
193	951-12329	Spark Arrestor
194	710-05344	Spark Arrestor Screw

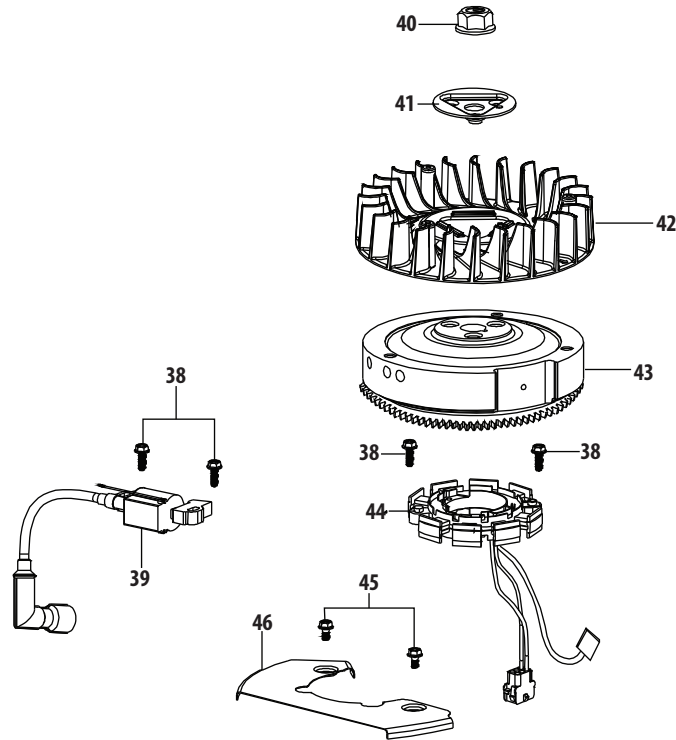
4P90JUB Starter Assembly



Ref.	Part Number	Description
8	710-05306	Bolt M8×40
9	951-12207	Starter Assembly
10	710-05307	Screw M5×25
11	736-04554	Lock Washer 5
12	736-04556	Plain Washer 6
13	951-12208	Electrical Starter Front Cover
14	951-12211	Bearing
15	951-12210	Pinion/Clutch Assembly
16	951-12312	Gear
17	951-12209	Bearing
18	951-12212	Pinion Cover
19	951-12214	Bearing 6001Zz
21	951-12216	Bearing

Ref.	Part Number	Description
23	951-12528	Starter Housing Assembly
24	951-12217	Screw
25	736-04554	Lock Washer
28	951-12529	Brush Assembly
29	951-12219	Electrical Starter Back Cover
30	710-05308	Bolt M6×100
31	951-12324	Bolt M6×30 Assembly
33	736-04555	Insulation Washer
34	736-04556	Plain Washer 6
35	736-04477	Lock Washer 6
36	712-04212	Nut M6
37	715-04120	Dowel Pin 10×14

4P90JUB Ignition & Electrical



Ref.	Part Number	Description
38	710-04931	Bolt M6×28
39	951-12220	Ignition Coil Assembly
40	712-04220	Flywheel Nut M16×1.5
41	951-12221	Plate
42	951-12222A	Cooling Fan
43	951-12223	Flywheel
44	951-12224	Coil Assy. Charge
45	710-04940	Bolt M6×10
46	951-12279	Cowl



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