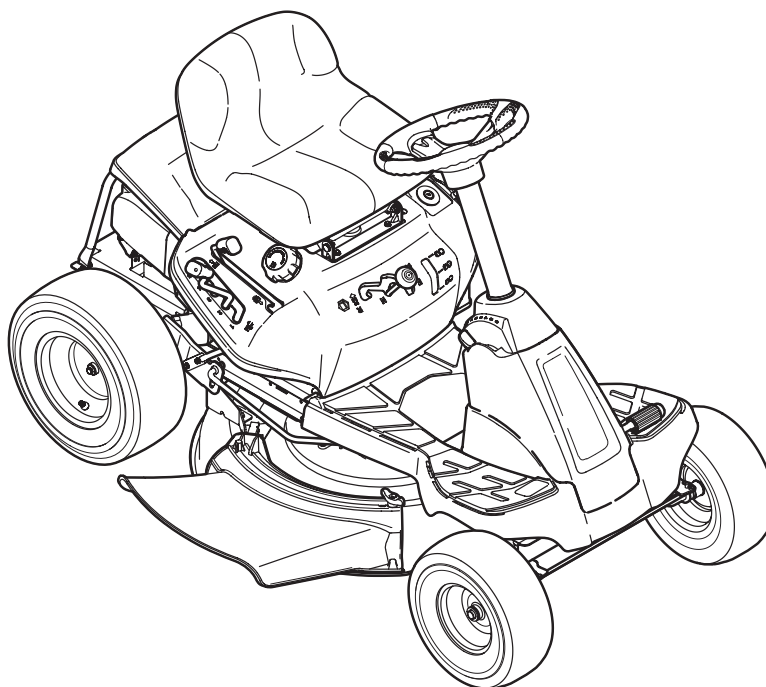




ILLUSTRATED PARTS MANUAL



Model Series 26J Mini Rider

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

To The Owner

Thank You

Thank you for purchasing this 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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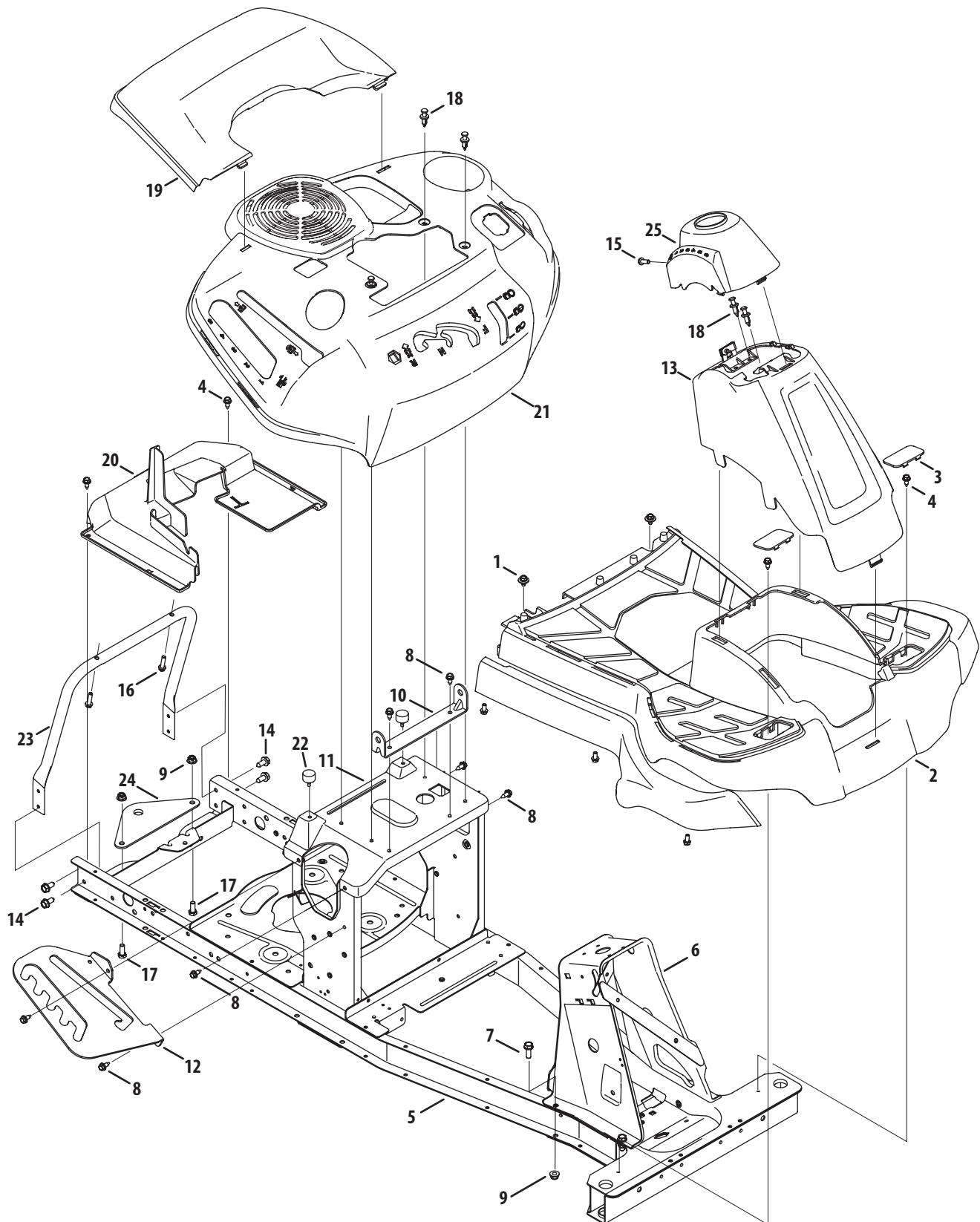
Painted Parts

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	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)

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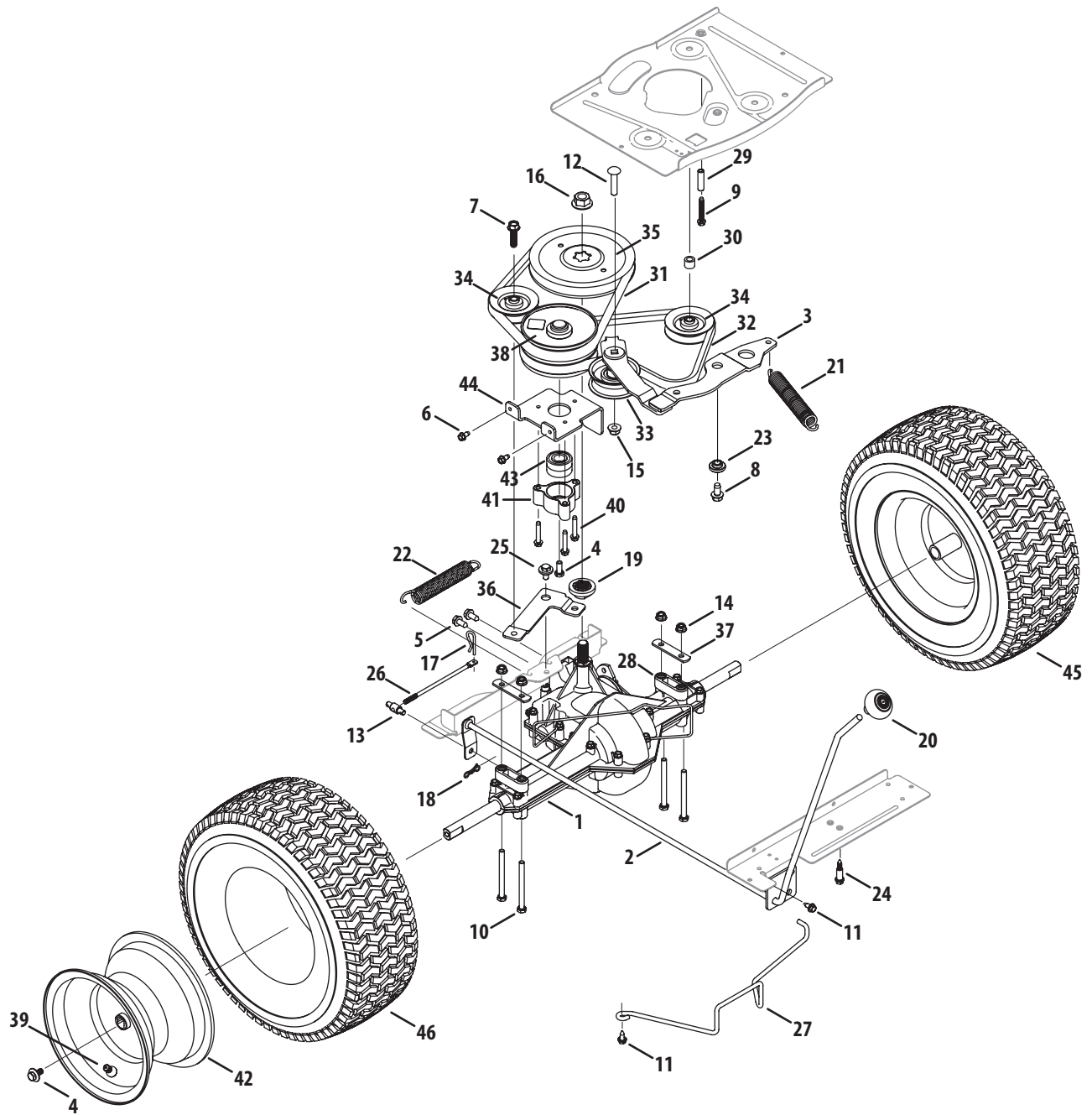
Frame & Fender



Ref. No.	Part No.	Description
1	710-05073	Screw, 1/4-20 x .500
2	931-11075	Running Board, RMC
3	731-08753A	Running Board Plug
4	738-04184A	Shoulder Screw, .368 X.113: 1/4-20
5	683-05189	Frame Assembly
6	683-05167	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	631-05038	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	731-08620A	Rear Cover
20	731-10504	Top Rear Drive Cover
21	931-09465	Fender (MTD Eng.)
	931-08708A	Fender, (B&S Eng.)
22	735-05006	Bumper, .62 Dia. x .50
23	749-04932	Rear Cover Support Tube
24	783-07208	Hitch Plate
25	731-09382	Steering Column Cap

NOTE, Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

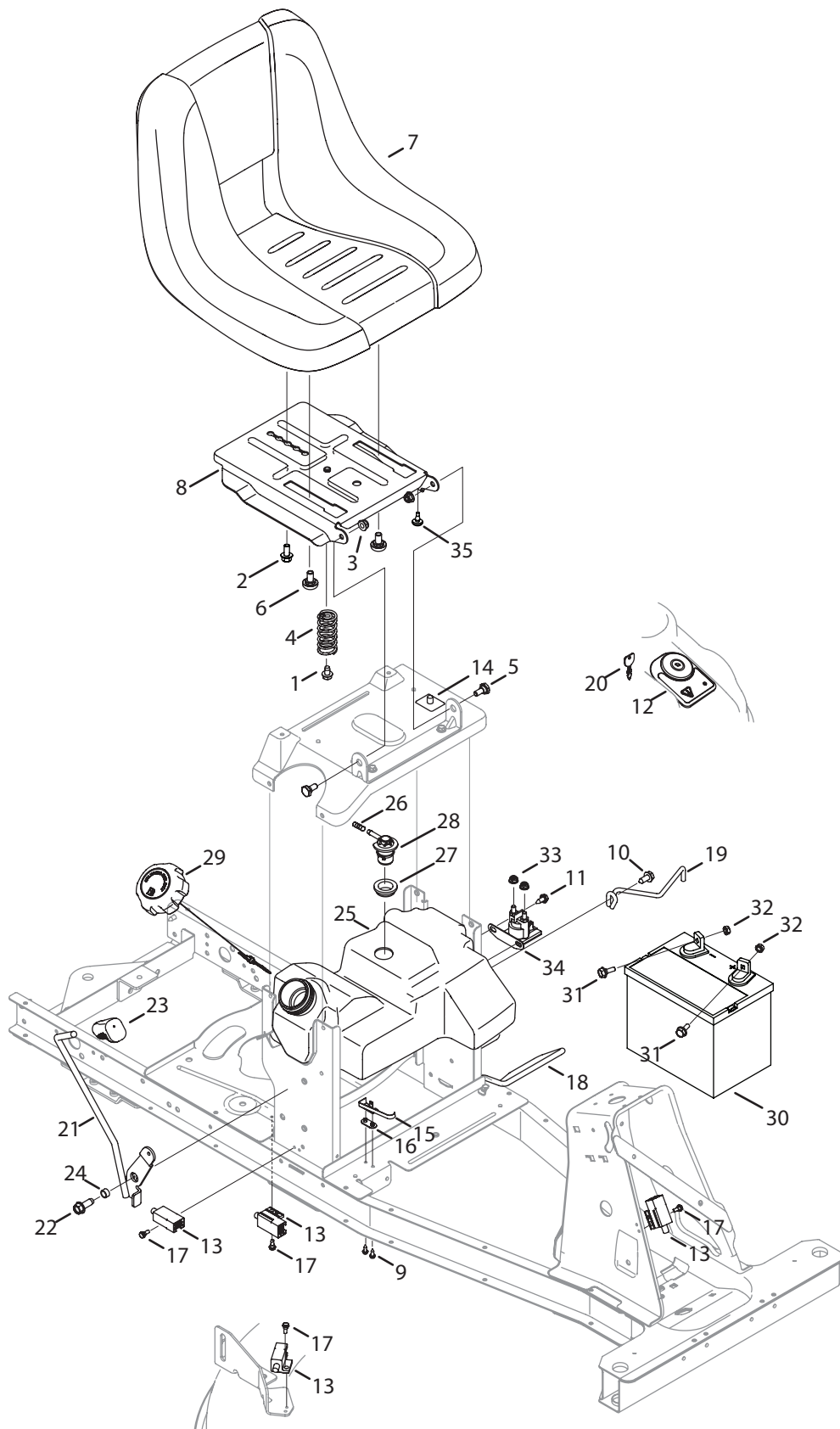
Drive System



Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	918-05056B	Transmission Assembly	24	738-05016	Shoulder Screw, .368 x .75, 1/4-20
2	647-04262D	Shift Handle Assembly	25	738-05019	Shoulder Screw, .560 x .165, 5/16-18
3	683-04768A	Drive Assembly Idler	26	747-05593	Shift Rod
4	710-05339	Screw, 5/16-24 x .750	27	747-06126A	Deck Belt Keeper, 30"
5	710-04484	Tap Screw, 5/16-18, .750	28	948-0334	Spacer
6	710-0599	Tap Screw, 1/4-20, 0.500	29	750-04456	Spacer, .260 X .372 X 1.420
7	710-06016	Screw, 3/8-16 x 1.375	30	750-05563	Spacer, .385 x .625 x .500
8	710-0623	Tap Screw, 3/8-16, 0.750	31	954-05040	V-Belt, 5L:35.25
9	710-1026	Screw, 1/4-20 x 1.750	32	954-04331	V-Belt, 5L:35.28
10	710-1266	Hex Cap Screw, 5/16-18 x 3.5, Gr5	33	756-04224	Flat Idler Pulley, 2.75 OD
11	710-1652	Tap Screw, 1/4-20 x .625	34	756-04325	V-Type Idler Pulley, 3.06
12	710-06234	Screw, Carriage: 3/8-16 x 1.69"	35	756-04464	V-Type Pulley, 6.56
13	711-06141	Adjustable Ferrule, 1/4-20 X 1.00	36	783-07248A	Rear Idler Arm Bracket
14	712-04063	Flange Locknut, 5/16-18	37	783-08131	Transaxle Mounting Bracket
15	712-04217	Flange Lock Nut, 3/8-16	38	956-04015A	Variable Speed Pulley Assembly
16	712-0700	Flange Nut, 9/16-18	39	934-0255	Air Valve
17	914-0209	Internal Cotter Pin, .125 Dia.	40	710-0778	Tap Screw, 1/4-20:1.500
18	714-04040	Bow-Tie Cotter Pin	41	718-04261	Bearing Cup
19	718-04407	Pulley Hub, 5/8 Spline	42	934-04319	Rim Assembly, 8.0 x 5.38
20	720-04028	Shift Knob	43	941-0600	Ball Bearing, 17 X 40 X 12
21	732-0459C	Extension Spring, .94 Dia. X 6.74 Lg.	44	783-08210	Variable Bracket
22	732-04934	Extension Spring, .97 OD X 6.18	45	634-0139	Complete Wheel Assembly
23	738-0372B	Shoulder Spacer, 1.00 X .38 X .38	46	734-04641	Tire, 16 x 6.5 x 8 Sq. Shldr.

NOTE, Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

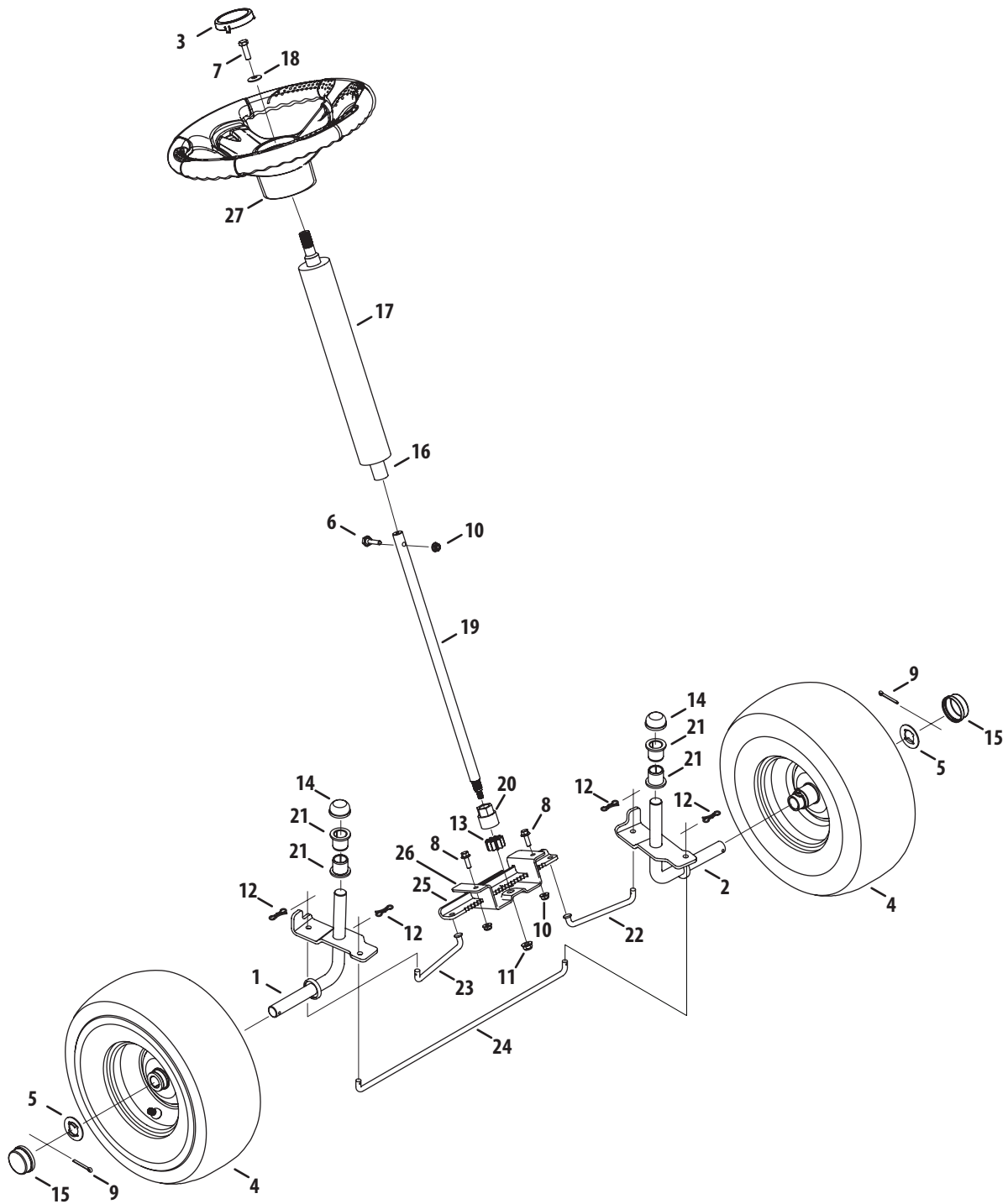
Seat, Fuel Tank & Electrical



Ref. No.	Part No.	Description
1	710-0607	Tap Screw, 5/16-18, 0.500
2	710-06095	Hex Flange Screw, 3/8-16 x .75
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	738-04012C	Shoulder Screw, .625 x .145, 3/8-16
7	757-05003	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	925-06119A	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	625-05002	Key, Assembly
21	683-04754	PTO Handle Assembly
22	710-04683C	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	725-04439A	Solienoid, 12v
35	935-0199A	Rubber Bumper, .63 Dia
—	725-06274	Wiring Harness, RMC (Not Shown)

NOTE, Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

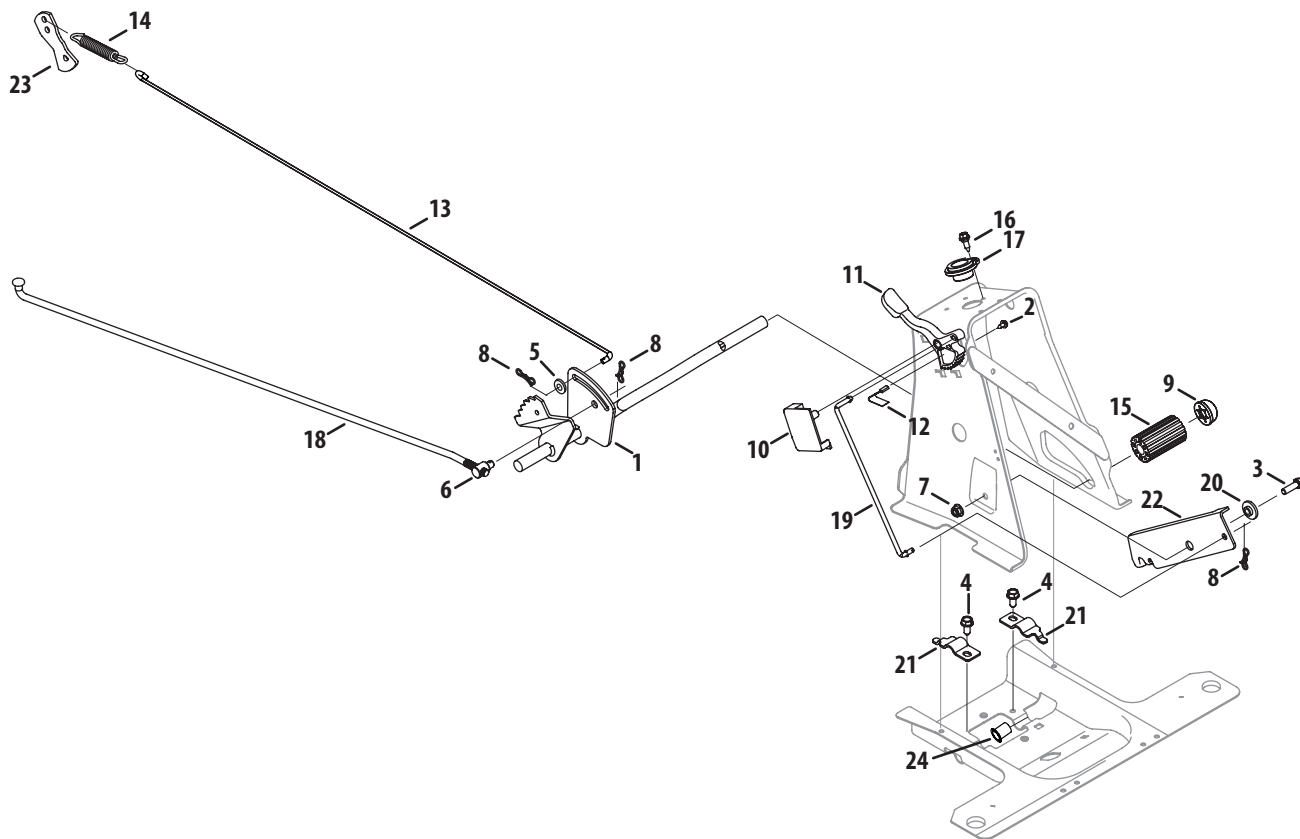
Front End Steering



Ref. No.	Part No.	Description
1	683-04726	Front Axle Assembly, RH
2	683-04727	Front Axle Assembly, LH
3	731-04681	Cap, Troy-Bilt
4	634-04726-0916	Complete Wheel Assembly
5	736-04228A	Washer, .781 x 1.59
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	714-0162	Cotter Pin, 5/32 x 1.25
10	712-04064	Flange Lock Nut, 1/4-20
11	712-04065	Flange Lock Nut, 3/8-16
12	714-04040	Bow-Tie Cotter Pin, 72
13	717-1554	Steering Pinion Gear
14	726-0341	Push Cap, 3/4
15	931-0484A	Hub Cap
16	983-04763	Tube Assembly, Non-Telescoping
17	723-04095A	Steering Sleeve
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	631-04008B	Steering Wheel, Soft Grip

NOTE, Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

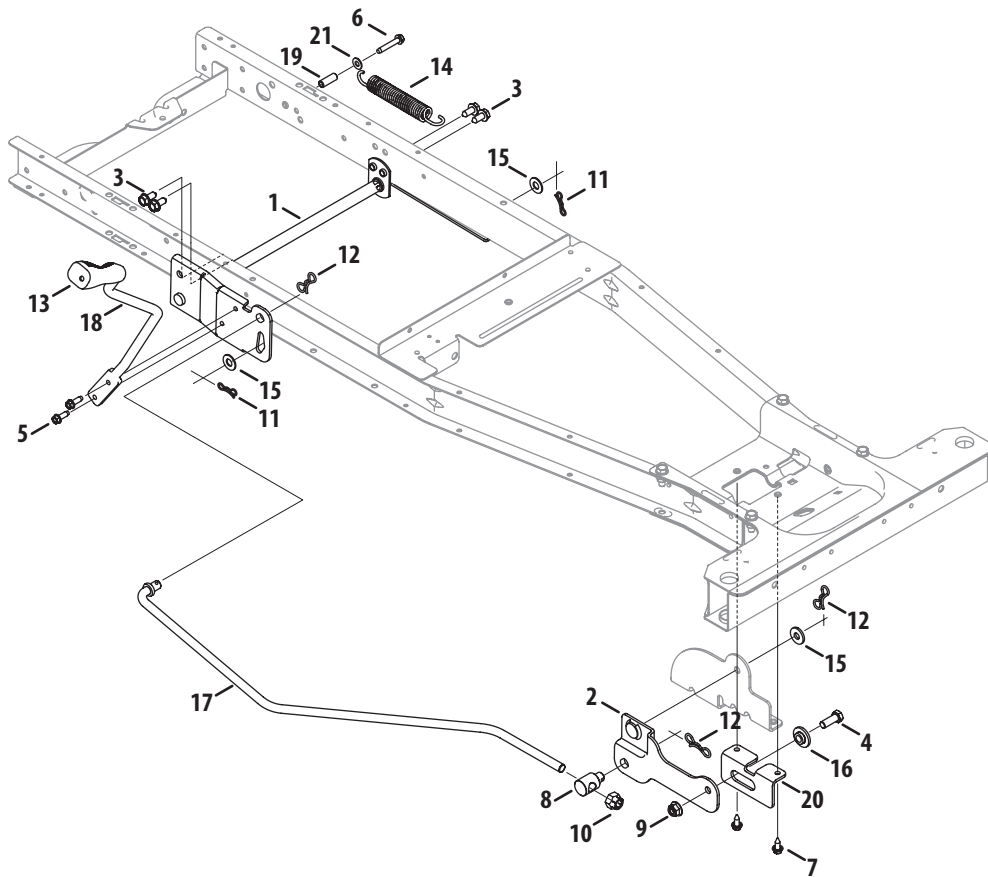
Pedal Controls



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	747-06449	Speed Selector Control Rod
20	748-0234	Shoulder Spacer
21	783-05940	Pedal Strap Support Bracket, 5/8
22	783-08116B	Speed Latch Bracket
23	717-0772B	Brake lever Bracket
24	741-05135	Flange Bearing, .626 x .938 x .875

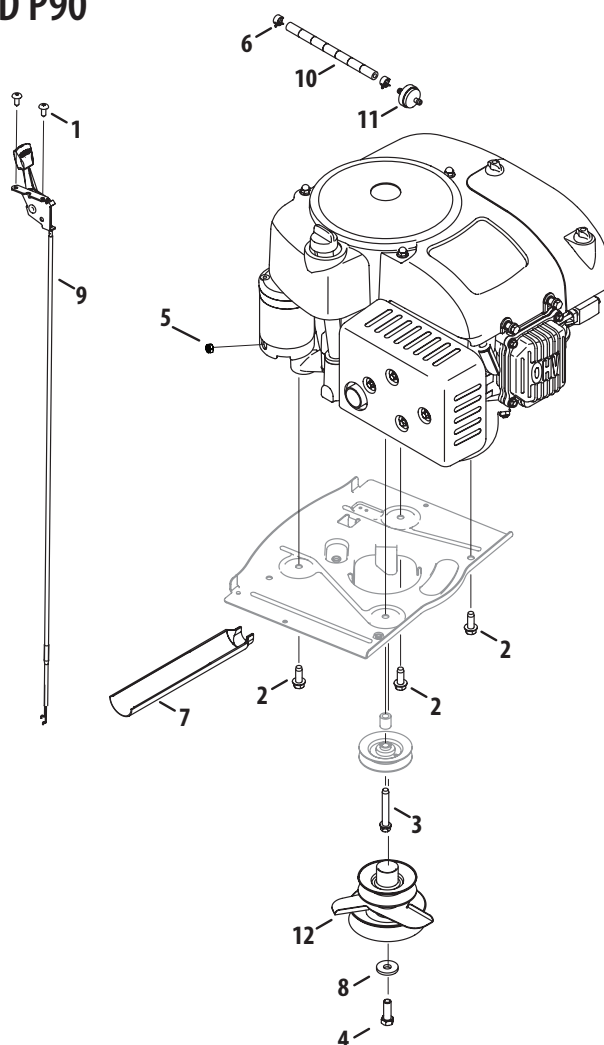
NOTE, Tractor features vary by model. NOT all parts listed and pictured above are standard equipment.



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	711-05690C	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	712-04243	Flange Lock Nut, 1/2-13	21	936-0463	Flat Washer, .250 x .630 x .052
11	714-04040	Bow-Tie Cotter Pin, 72			

NOTE, Tractor features vary by model. NOT all parts listed and pictured above are standard equipment.

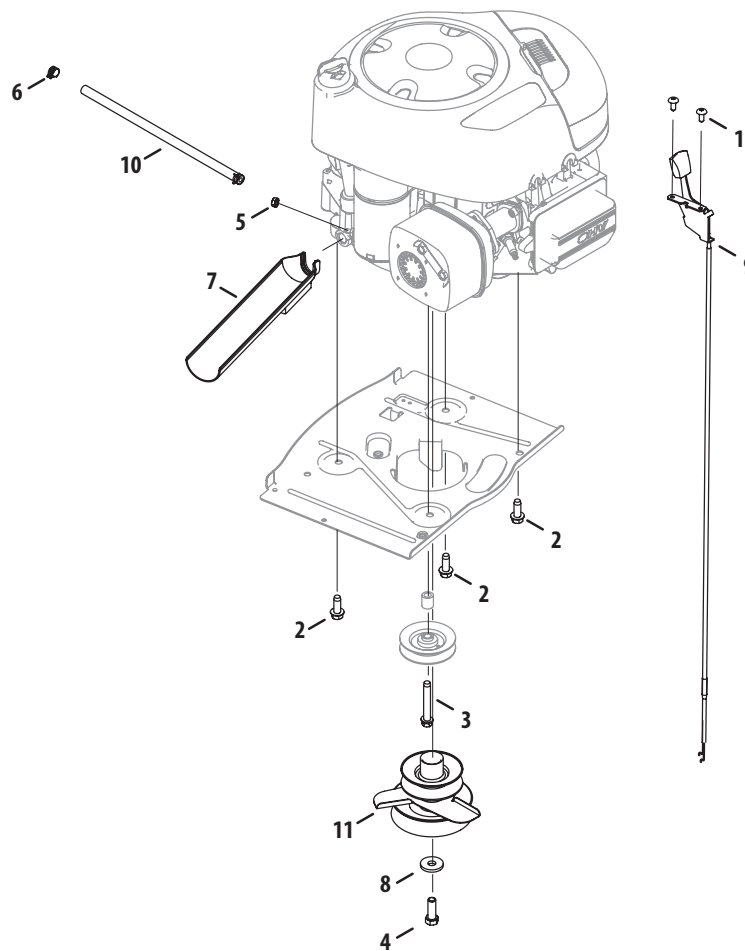
Engine Accessories MTD P90



Ref. No.	Part No.	Description
1	710-04483	Tap Screw, 1/4-20, 0.500
2	710-04683C	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	Low Permeation Fuel Line, 1/4
11	BS-298090S	Fuel Filter, 1/4", 298090
12	756-04479A	Engine Pulley, 4.46 / 3.39

NOTE, Tractor features vary by model. NOT all parts listed and pictured above are standard equipment.

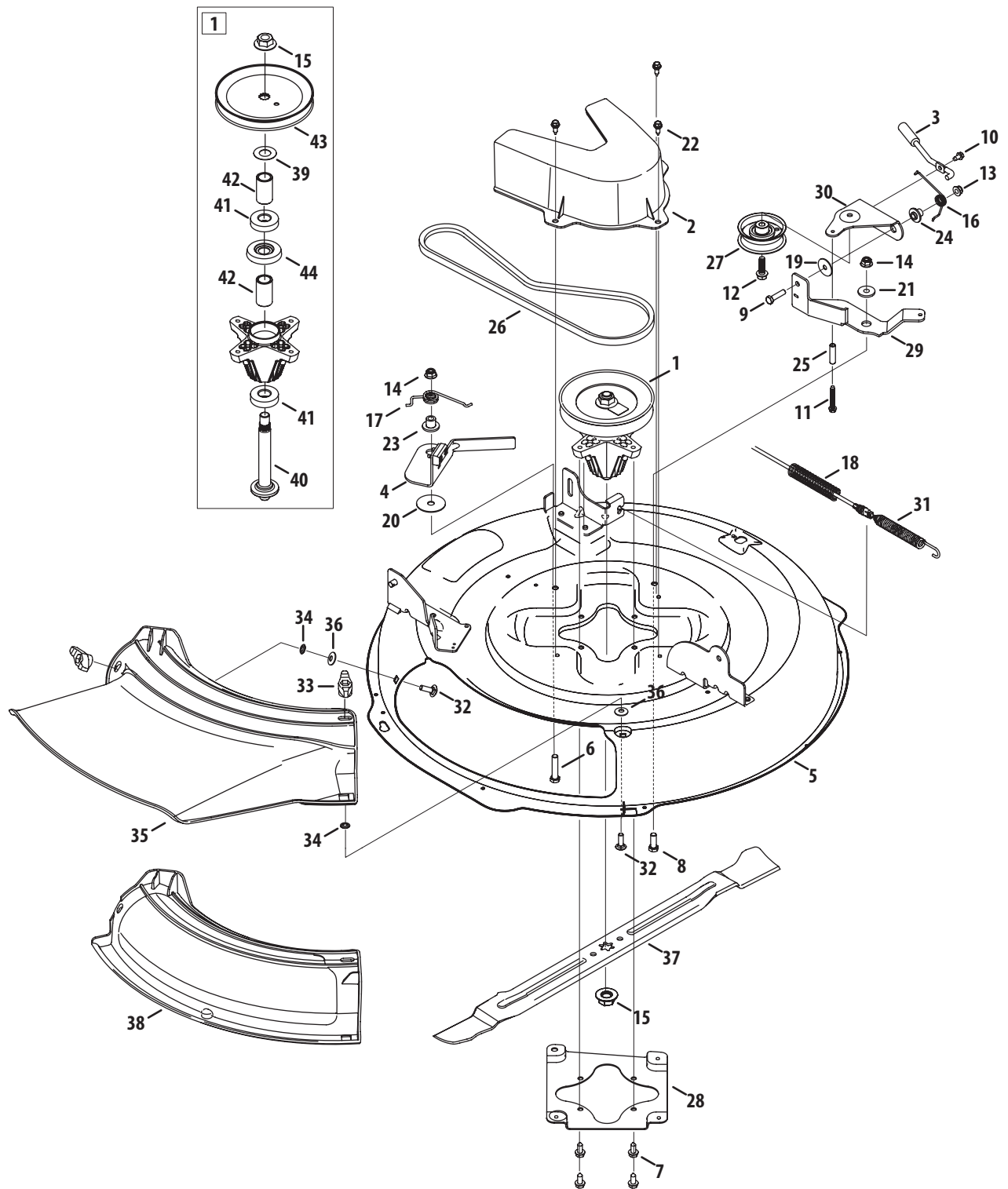
Engine Accessories B&S Mod 21



Ref. No.	Part No.	Description
1	710-04483	Tap Screw, 1/4-20, 0.500
2	710-04683C	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	712-0271	Sems Nut, 1/4-20
6	726-0205	Hose Clamp, .490 DIA.
7	731-09188	Oil Drain
8	736-0322	Flat Washer, .450 x 1.25 x .164
9	946-04829A	Throttle/Choke Cable 31 Lg.
10	751-10349	Low Permeation Fuel Line, 1/4
11	756-04479A	Engine Pulley, 4.46 / 3.39

NOTE, Tractor features vary by model. NOT all parts listed and pictured above are standard equipment.

30" Deck

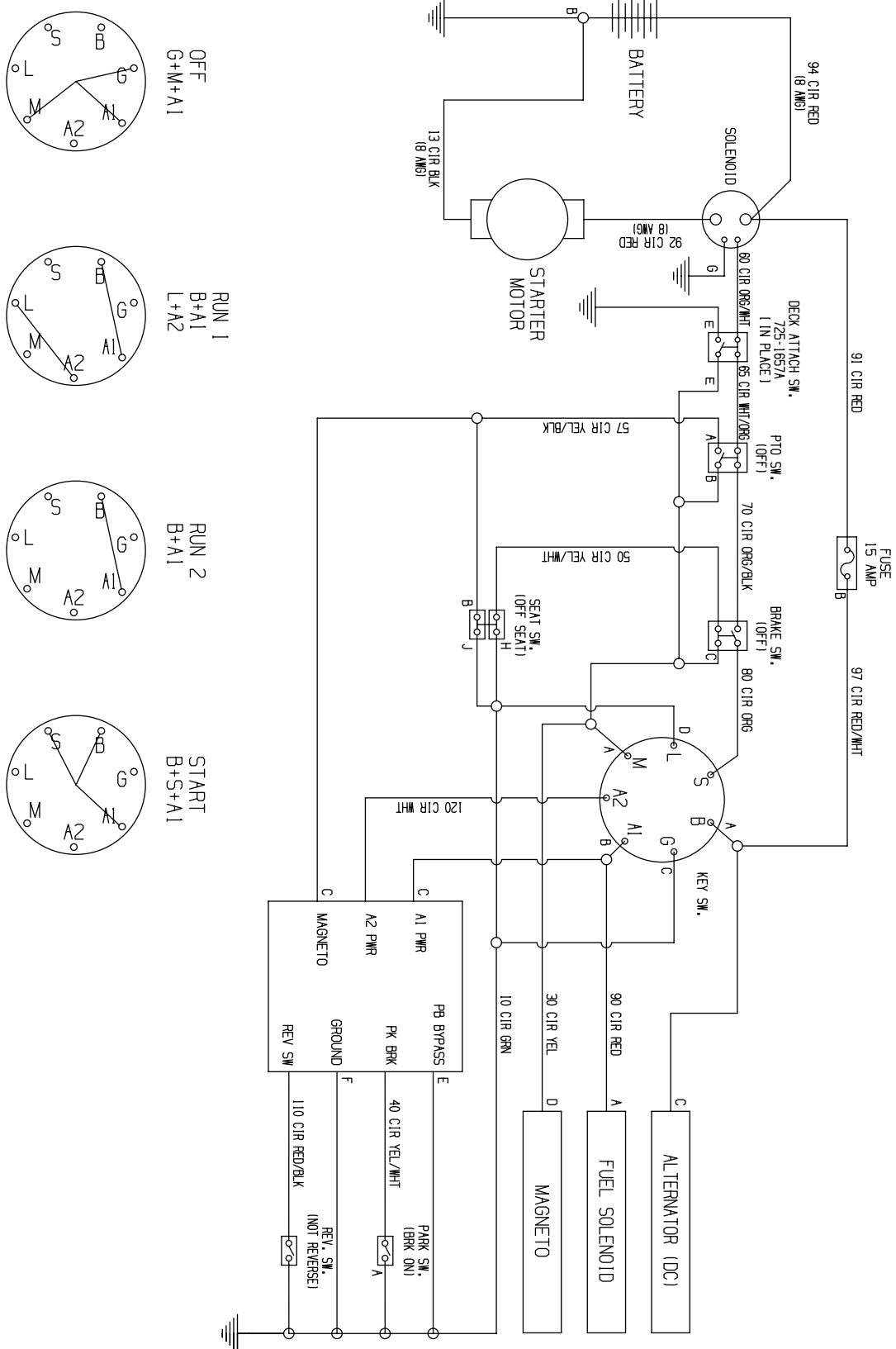


Ref.	Part Number	Description
1	918-04822B	Spindle Pulley Assembly, 6.3 DIA
2	631-05024	Deck Belt Cover
3	647-05028	Idler Rod Assembly
4	983-05034	PTO Brake Assembly Bracket
5	983-05040A	Deck, 30" w/out Nozzle
6	710-0347	Hex Cap Screw, 3/8-16 x 1.75
7	710-1260A	Tap Screw, 5/16-18, .750
8	710-0514	Hex 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

Ref.	Part Number	Description
23	738-05021	Shoulder Spacer, .173 x .625 x .563
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	941-0919B	Ball Bearing, .787ID X 1.85 ODX.551
42	750-04936	Spacer, .792 X 1.060 X 1.860 LG
43	756-05111	Deck Pulley, 6.3 DIA
44	783-08435	Bearing Shield

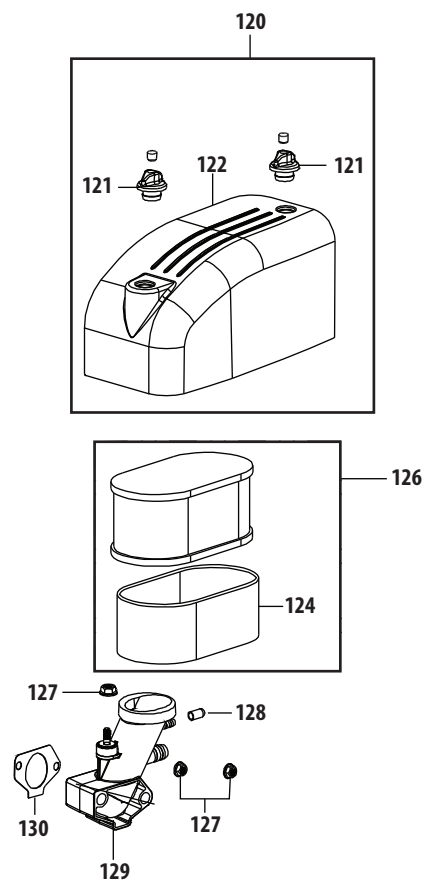
NOTE, Tractor features vary by model. NOT all parts listed above and pictured on the previous page are standard equipment.

Wiring Harness Schematic - 725-06274

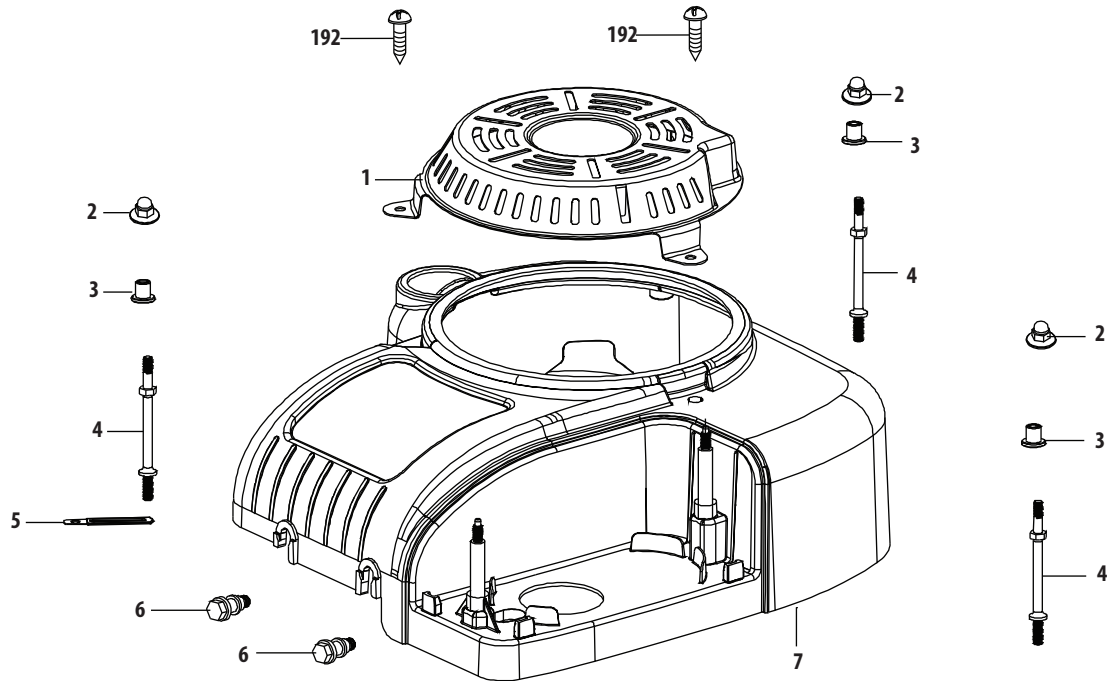


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Engine Model 4P90JUB Air Intake

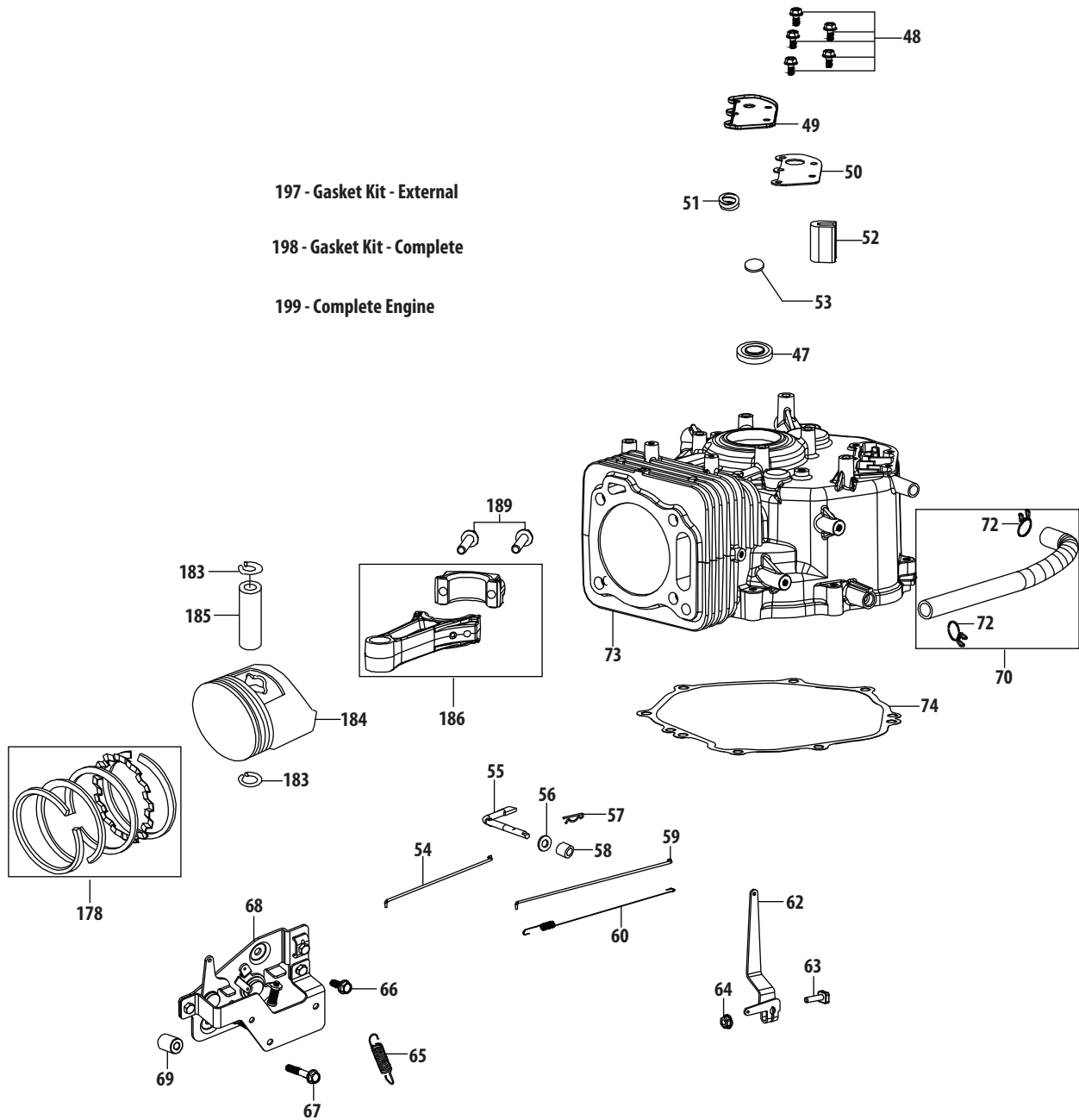


Ref.	Part Number	Description
120	951-14458	Air Filter Cover Assembly
121	951-14466	Air Filter Lock Nut
122	951-12255	Air Filter Cover
124	951-12256	Sponge Filter
126	951-12260	Air Filter Assembly
127	712-04212	Nut M6
128	951-12328	Rubber Cap
129	951-12257	Manifold
130	951-12258	Manifold Gasket



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 M6×99
5	951-11622	Flexible Clamp
6	710-05305	Hook Bolt
7	751-14455	Air Shield
192	710-05303	Self-Tapping Bolt 5.5×25

4P90JUB Crankcase



Ref.	Part Number	Description
47	951-11499	Upper Crankshaft Seal
48	710-04916	Bolt M6×14
49	951-14456	Breather Cover Plate
50	951-12226	Breather Gasket
51	951-12685	Umbrella Valve
52	951-12227	Mesh Screen
53	951-12686	Umbrella Valve Set
54	951-12228	Choke Linkage
55	951-12229	Governor Arm Shaft
56	736-04558	Governor Washer
57	714-04074	Governor Cotter Pin
58	951-11574	Governor Seal
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
68	951-14457	Component Bracket/Separate

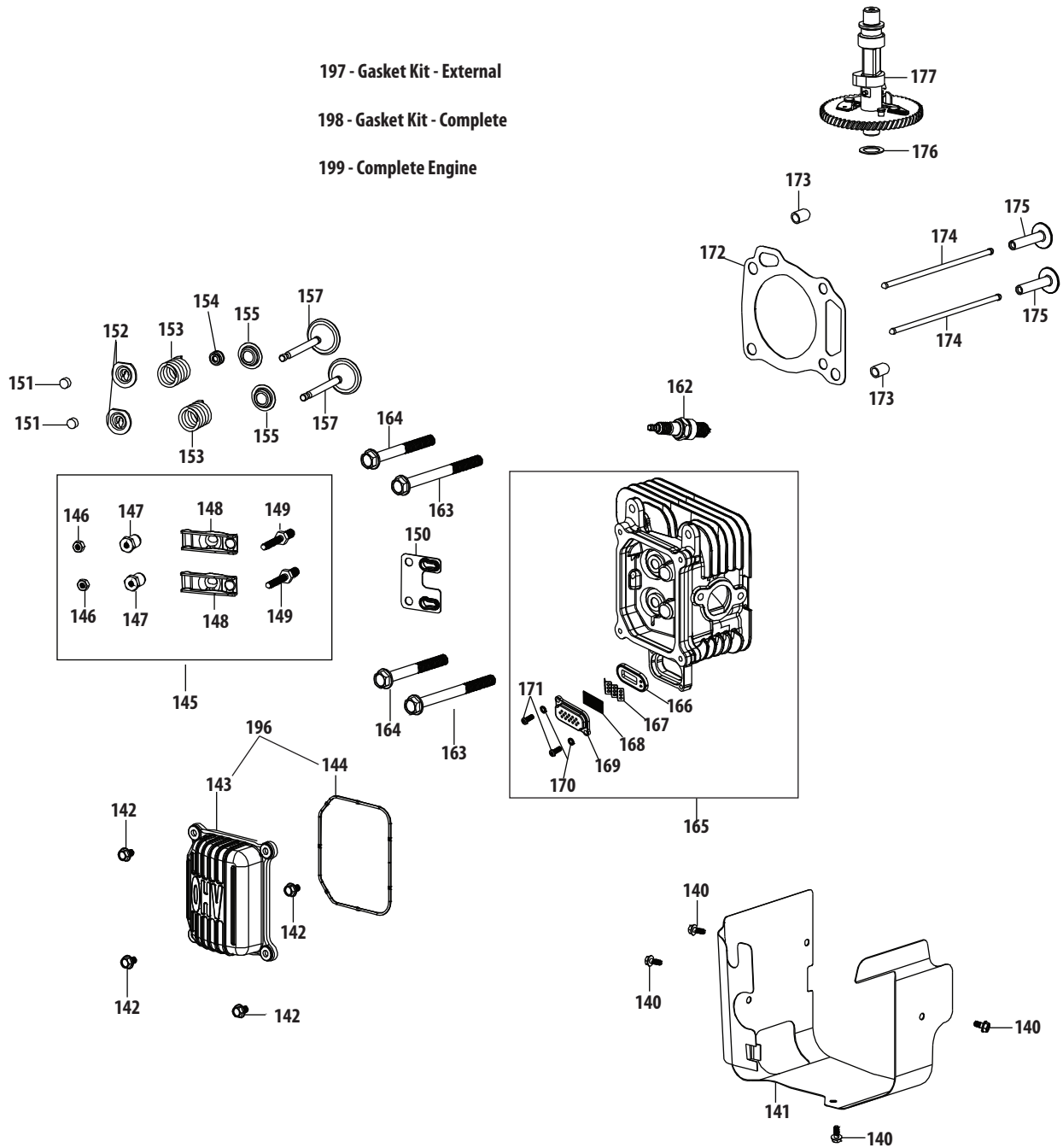
Ref.	Part Number	Description
69	750-05530	Component Bracket Spacer
70	951-12235	Breather Hose Assembly
72	951-12236	Breather Hose Clamp
73	951-14462	Short Block Assembly (Incl.37,47-53,55-58,73-77,84,86,87-89, 91-93,98-104,112,113,115-119,137-138, 144,160,172,173,175-178,183-186)
74	951-12237	Crankcase Cover Gasket
178	951-12275	Piston Ring Set
183	951-11953	Piston Pin Snap Ring
184	951-12276	Piston
185	951-11954	Piston Pin
186	951-12277	Connecting Rod Assembly
189	710-05319	Connecting Rod Bolt
197	951-12201	Gasket Kit - External (Incl.113,130,136,137,138,114,160)
198	951-12204	Gasket Kit - Complete (Incl.47,50,58,74,113,118,130, 136,137,138,144,160,172)
199	952Z4P90JUB	Complete Engine

4P90JUB Cylinder Head

197 - Gasket Kit - External

198 - Gasket Kit - Complete

199 - Complete Engine

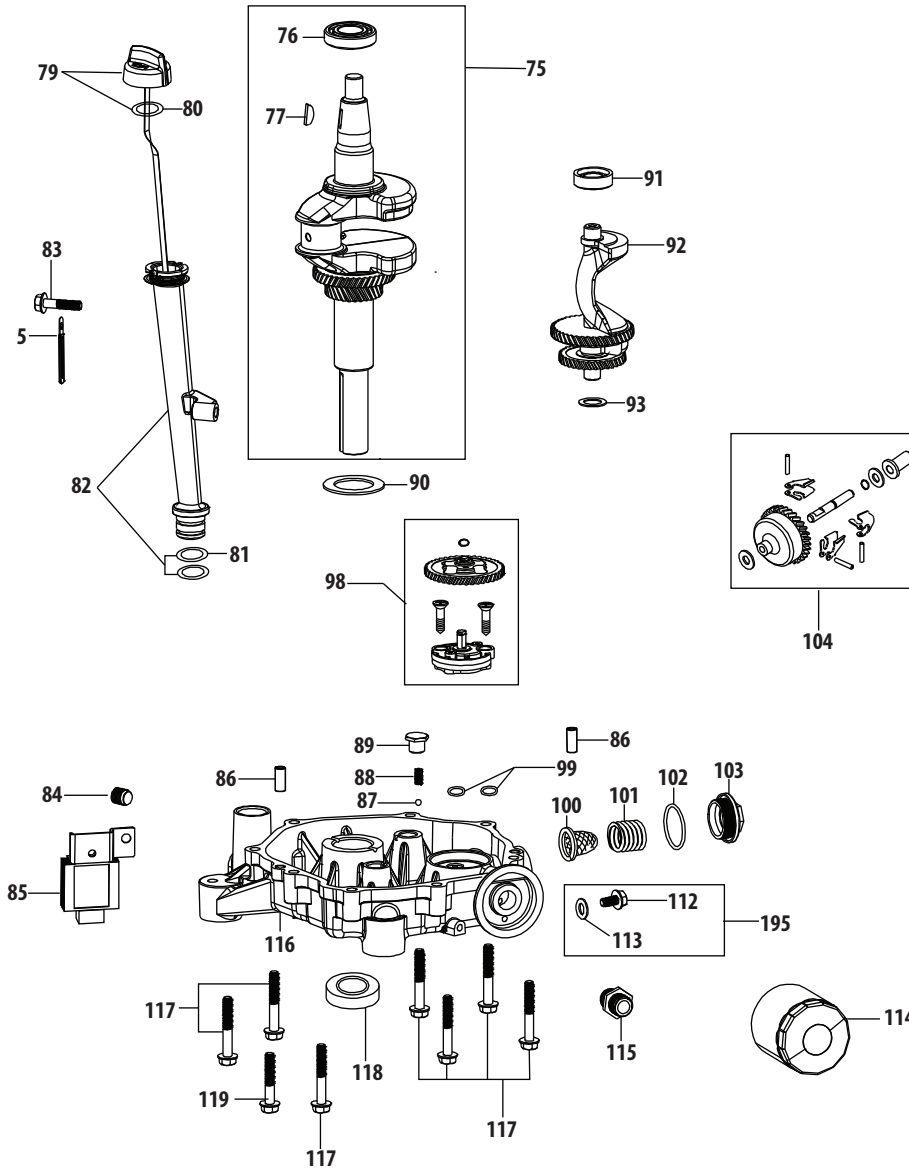


4P90JUB Cylinder Head

Ref.	Part Number	Description
140	710-05315	Bolt M5×10
141	951-12265	Cowl
142	710-05316	Valve Cover Bolt
143	951-12266	Valve Cover
144	951-12267	Valve Cover Ring
145	951-11981	Rocker Arm Assembly
146	751-11124	Jam Nut
147	751-11123	Fulcrum Nut
148	951-11966	Rocker Arm
149	710-04962	Rocker Arm Stud
150	951-12268	Push Rod Guide
151	951-12269	Exhaust Valve Adjuster
152	951-12080	Exhaust Valve Spring Retainer
153	951-12078	Valve Spring
154	951-11964	Intake Valve Seal
155	951-12077	Valve Spring Retainer
156	951-11337	Valve Kit
157	951-11337	Valve Kit
162	951-10292	Spark Plug/F6Rtc
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)

Ref.	Part Number	Description
	951-14463	Cylinder Head Asm (Incl.137-139,144,146-159, 161-163,165-170)
166	951-14460	Air Valve Core
167	951-12775	Strainer Clip
168	951-12776	Second Air Valve Filter Element
169	951-12777	The Air Valve Bonnet
170	736-04629	Washer
171	710-05337	Screw M5×12
172	951-12273	Cylinder Head Gasket
173	715-04122	Cylinder Head Dowel 12×16
174	951-11335	Push Rod Kit
175	951-11962	Tappet
176	736-04561	Camshaft Thrust Washer
177	951-12274	Camshaft Assembly
196	951-12197	Valve Cover Kit
197	951-12201	Gasket Kit - External (Incl.113,130,136,137,138,114,160)
198	951-12204	Gasket Kit - Complete (Incl.47,50,58,74,113,118,130, 136,137,138,144,160,172)
199	952Z4P90JUB	Complete Engine

4P90JUB Crankshaft & Crankcase Cover

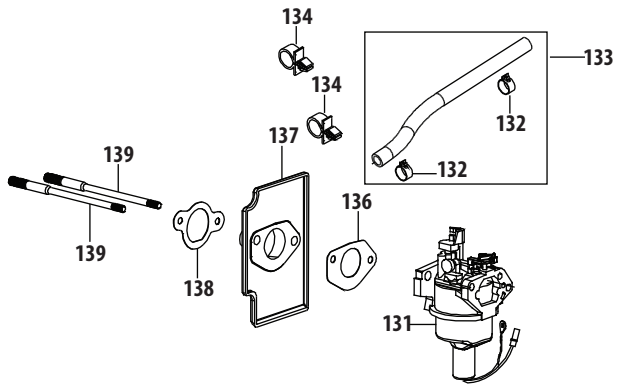


4P90JUB Crankshaft & Crankcase Cover

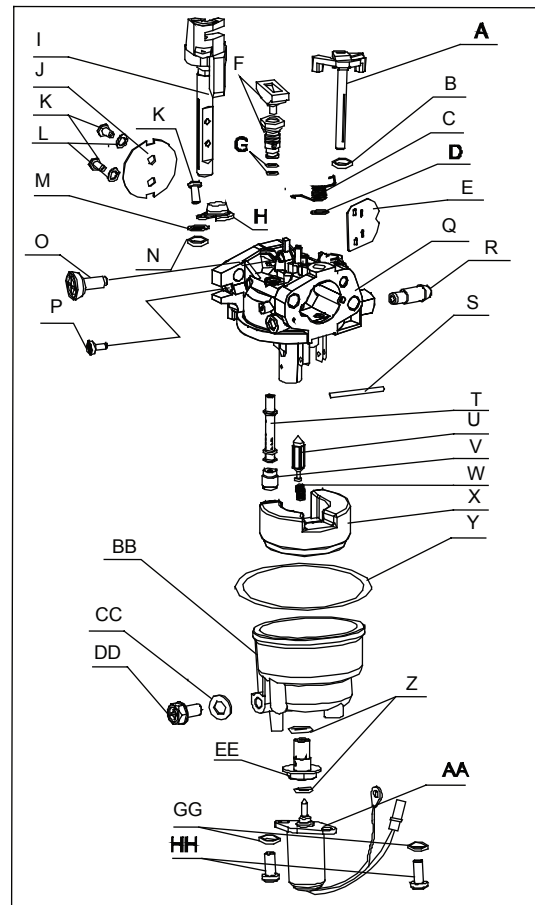
Ref.	Part Number	Description
5	951-11622	Flexible Clamp
75	951-12238	Crankshaft Assembly
76	951-11969	Main Bearing
77	951-10307	Woodruff Key
79	951-12239	Dipstick Assembly
80	951-12241	Upper O-Ring
81	951-12363	Lower O-Ring
82	951-12240	Oil Fill Tube Assembly
83	710-04980	Bolt M6×35
84	710-05311	Oil 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



200 - Carburetor Kit - Major

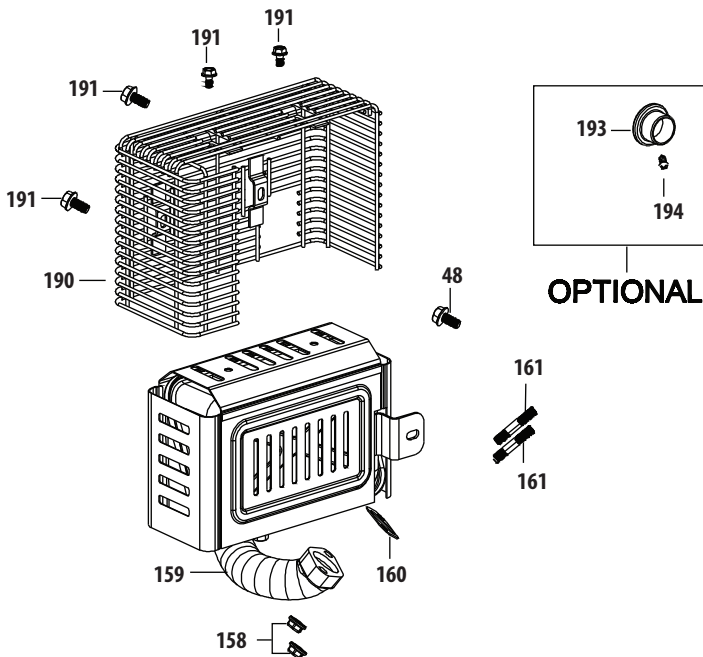


4P90JUB Carburetor Assembly

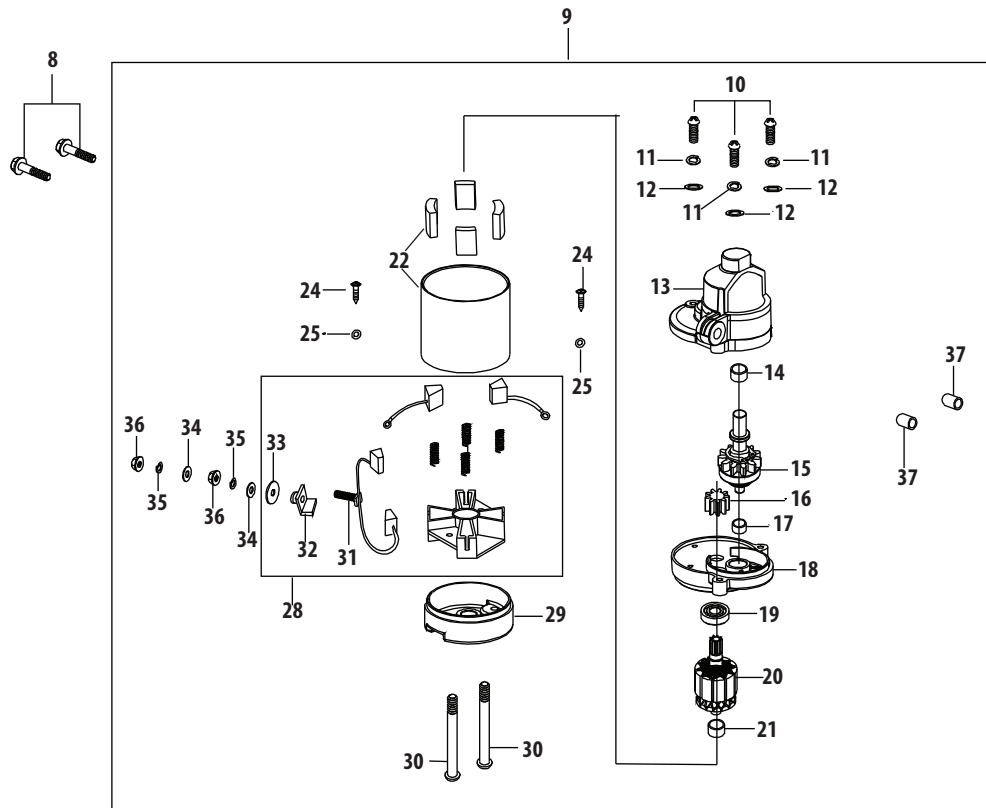
Ref.	Part Number	Description
131	951-12771A	Carburetor Assembly
132	951-11731	Fuel Hose Clamp
133	951-11336	Fuel Line Kit
134	723-04071	Plastic Support Clamp
136	951-12261	Carburetor Gasket
137	951-12262	Carburetor Insulator
138	951-12263	Carburetor Insulator Gasket
139	951-12264	Carb Stud
200	951-14179	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 M3×5
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 M5×12

4P90JUB Muffler Assembly



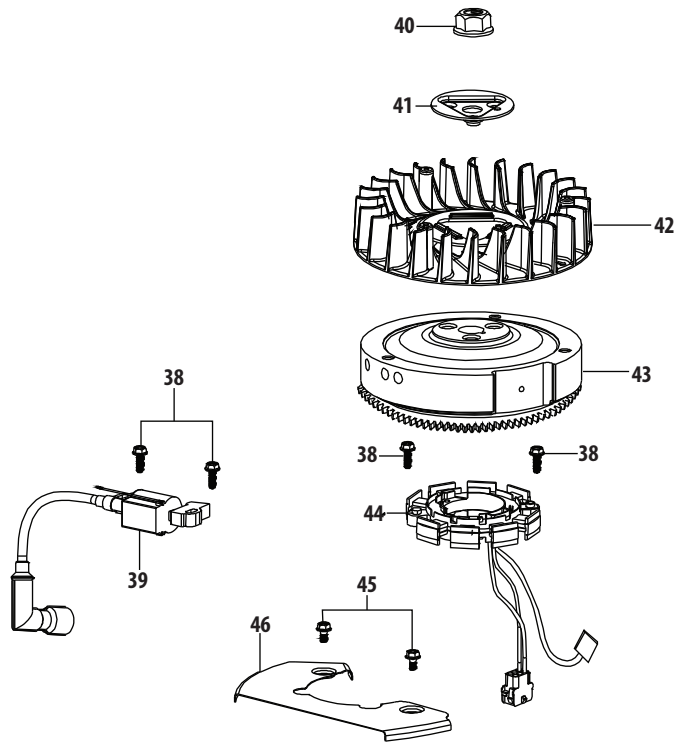
Ref.	Part Number	Description
48	710-04916	Bolt M6×14
158	712-04219	Nut M8
159	951-14468	Muffler Assembly
160	951-12271	Exhaust Pipe Gasket
161	951-12272	Muff Stud M8×47
161	951-12196	Muffler Stud Assembly
190	951-12278	Wire Mesh Shield
191	710-05051	Bolt M6×12
193	951-12329	Spark Arrestor
194	710-05344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



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

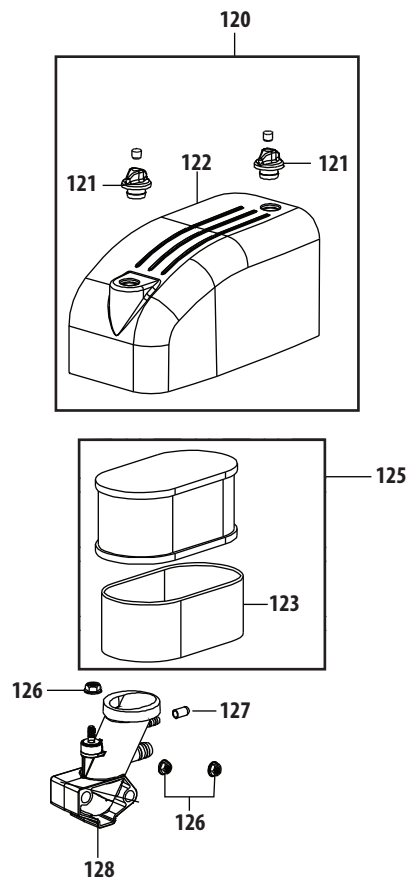
4P90JUB Ignition & Electrical



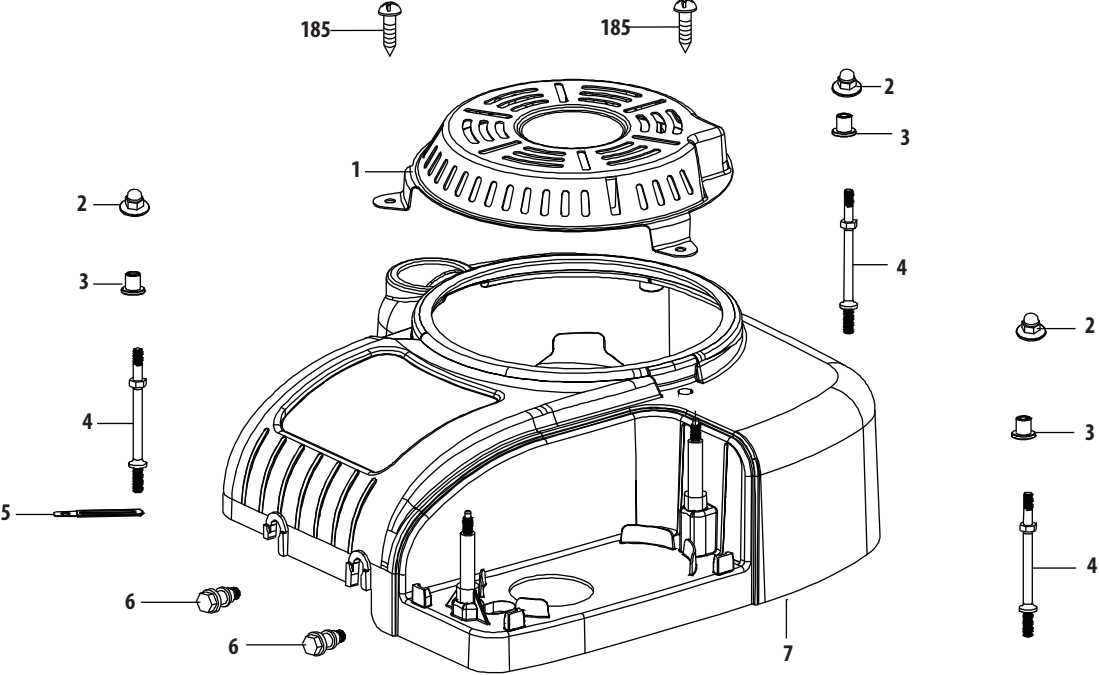
Ref.	Part Number	Description
38	710-04931	Bolt M6×28
39	951-12220	Ignition Coil Assembly
40	712-04220	Flywheel Nut M16×1.5
41	951-12221	Plate
42	951-12222A	Cooling Fan
43	951-12223	Flywheel
44	951-12224	Coil Assy. Charge
45	710-04940	Bolt M6×10
46	951-12279	Cowl

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Engine Model 4P90JUC Air Intake

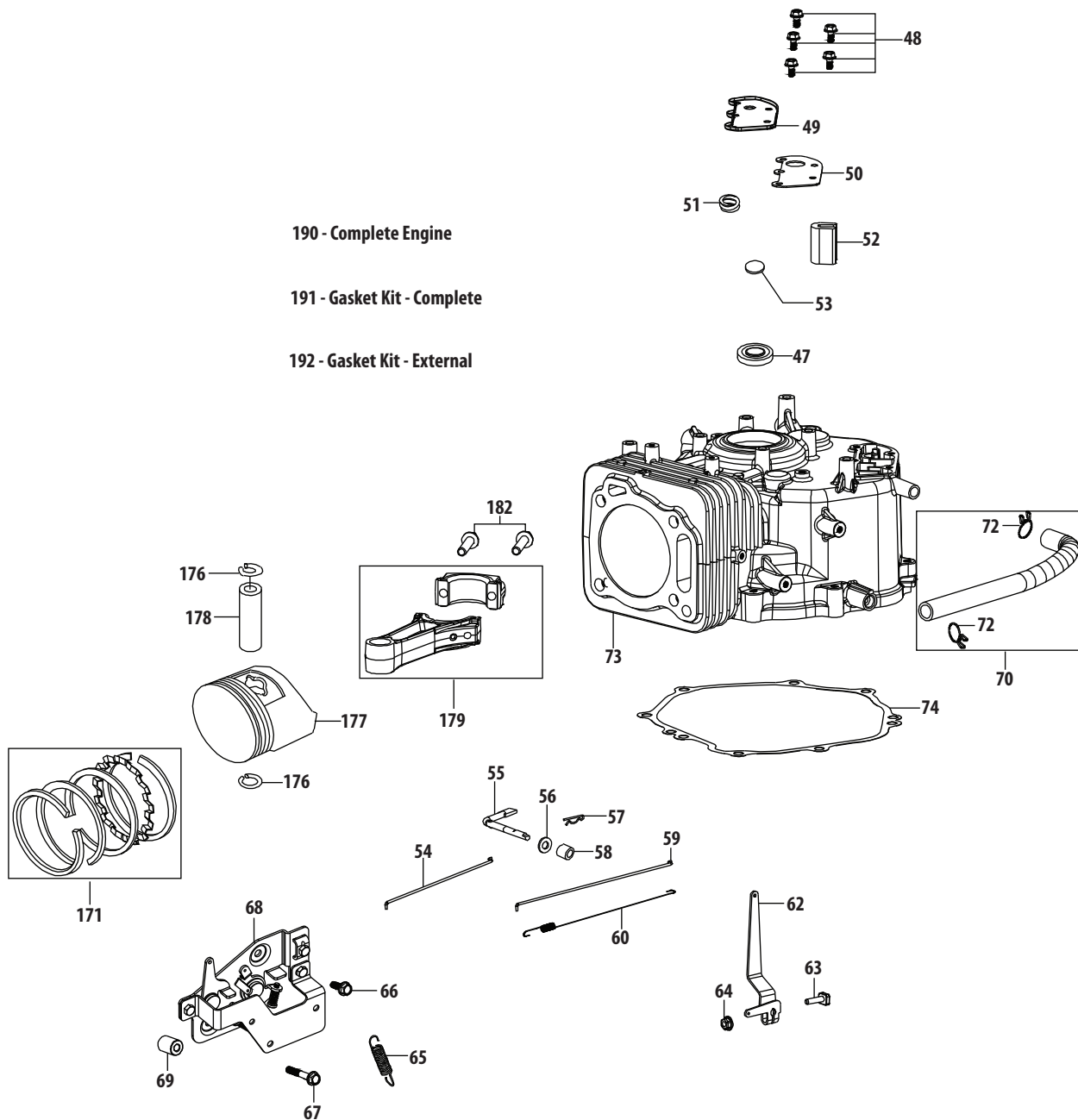


Ref.	Part Number	Description
120	951-14458	Air Filter Cover Assembly
121	951-14466	Air Filter Lock Nut
122	951-12255	Air Filter Cover
123	951-12256	Sponge Filter
125	951-12260	Air Filter Assembly
126	712-05015	Nut M6
127	951-12328	Rubber Cap
128	951-12257A	Manifold/Add Air Hole



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 M6×99
5	951-11622	Flexible Clamp
6	710-05305	Hook Bolt
7	751-14455	Air Shield
185	710-05303	Self-Tapping Bolt 5.5×25

4P90JUC Crankcase



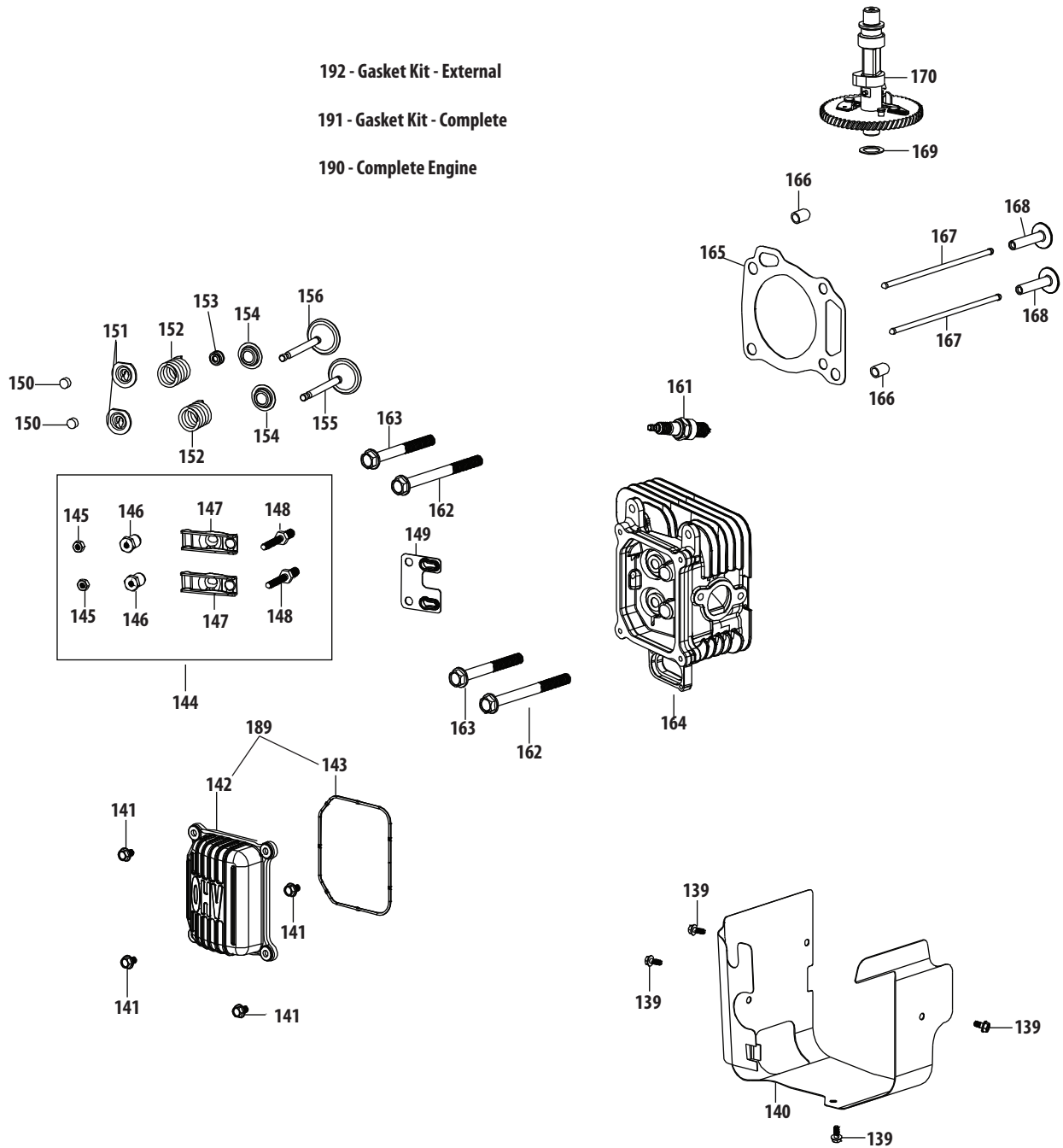
Ref.	Part Number	Description	Ref.	Part Number	Description
47	951-11499	Upper Crankshaft Seal	69	750-05530	Component Bracket Spacer
48	710-04916	Bolt M6×14	70	951-12235	Breather Hose Assembly
49	951-12770A	Breather Cover Plate	72	951-12236	Breather Hose Clamp
50	951-12226	Breather Gasket	73	919-05022A	Crankcase
51	951-12685	Umbrella Valve		951-14707	Short Block Assembly
52	951-12227	Mesh Screen			(Incl.37,47-53,55-58,73-75,84,86-93,
53	951-12686	Umbrella Valve Set			98-104,112,113,115-119,136,137,
54	951-12228	Choke Linkage			143,158,164,165,167-170,175-178)
55	947-06356	Governor Arm Shaft/Improved	74	951-12237	Crankcase Cover Gasket
56	736-04558	Governor Washer	171	951-05156	Piston Ring Set
57	714-04074	Governor Cotter Pin	176	951-11953	Piston Pin Snap Ring
58	951-11574	Governor Seal	177	951-14677	Piston
59	951-12230	Throttle Linkage	178	951-11954	Piston Pin
60	951-12231	Throttle Linkage Spring	179	951-12277	Connecting Rod Assembly
62	951-12232	Governor Arm	182	710-05319	Connecting Rod Bolt
63	710-04908	Governor Arm Bolt	190	752Z4P90JUC	Complete Engine
64	712-05015	Governor Arm Nut M6	191	951-12204A	Gasket Kit - Complete
65	932-05187	Governor Spring			(Incl.47,50,58,74,113,118,129,
66	710-04979	Bolt M6×18			135-137,143,158,164)
67	710-05310	Bolt M6×38	192	951-12201A	Gasket Kit - External
68	951-14467	Component Bracket/Separate			(Incl.113,129,135-137,143,158)

4P90JUC Cylinder Head

192 - Gasket Kit - External

191 - Gasket Kit - Complete

190 - Complete Engine

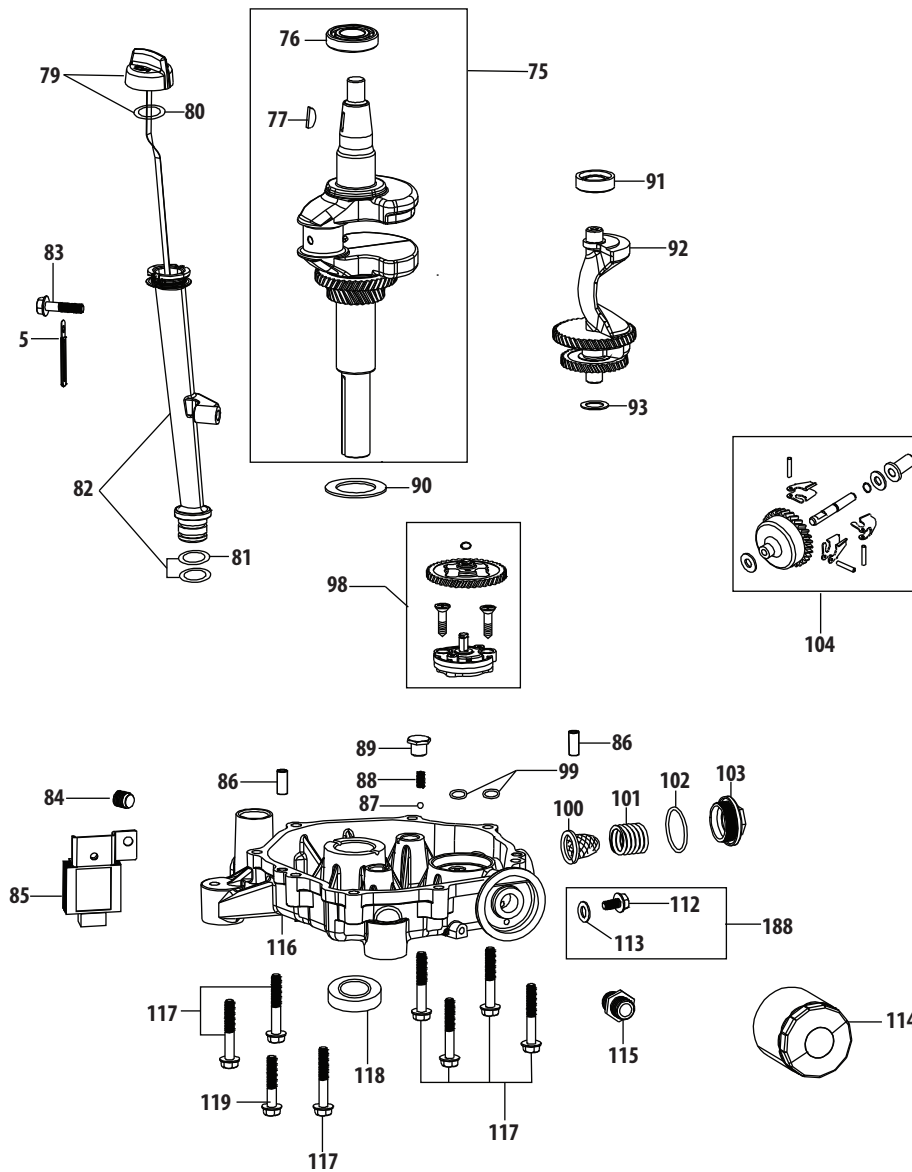


4P90JUC Cylinder Head

Ref.	Part Number	Description
139	710-05315	Bolt M5×10
140	951-12265	Cowl
141	710-05316	Valve Cover Bolt
142	951-12266	Valve Cover
143	951-12267	Valve Cover Gasket
144	951-11981	Rocker Arm Assembly
145	751-11124	Jam Nut
146	751-11123	Fulcrum Nut
147	951-11966	Rocker Arm
148	710-04962	Rocker Arm Stud
149	951-12268	Push Rod Guide
150	951-12269	Exhaust Valve Adjuster
151	951-12080	Exhaust Valve Spring Retainer
152	951-12078	Valve Spring
153	951-11964	Intake Valve Seal
154	951-12077	Valve Spring Retainer
155	951-11337	Valve Kit
156	951-11337	Valve Kit
161	951-10292	Spark Plug/F6Rtc
162	710-05317	Bolt M10×1.25×85

Ref.	Part Number	Description
163	710-05318	Bolt /M10×1.25×65
164	951-14706	Cylinder Head Assembly (Incl.136-138,143,145-156, 158,159,161-164)
	951-12202	Cylinder Head Kit (Incl.143,153,161,162,164)
165	951-12273	Cylinder Head Gasket
166	715-04122	Cylinder Head Dowel 12×16
167	951-11335	Push Rod Kit
168	951-11962	Tappet
169	736-04561	Camshaft Thrust Washer
170	951-14678	Camshaft Assembly
189	951-12197	Valve Cover Kit
190	752Z4P90JUC	Complete Engine
191	951-12204A	Gasket Kit - Complete (Incl.47,50,58,74,113,118,129, 135-137,143,158,164)
192	951-12201A	Gasket Kit - External (Incl.113,129,135-137,143,158)

4P90JUC Crankshaft & Crankcase Cover

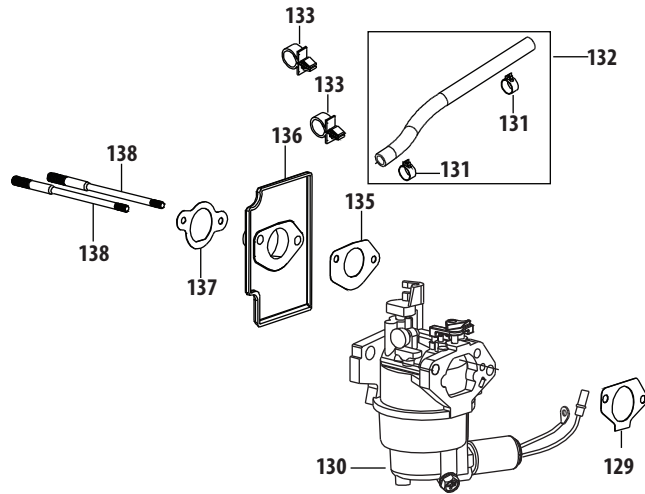


4P90JUC Crankshaft & Crankcase Cover

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

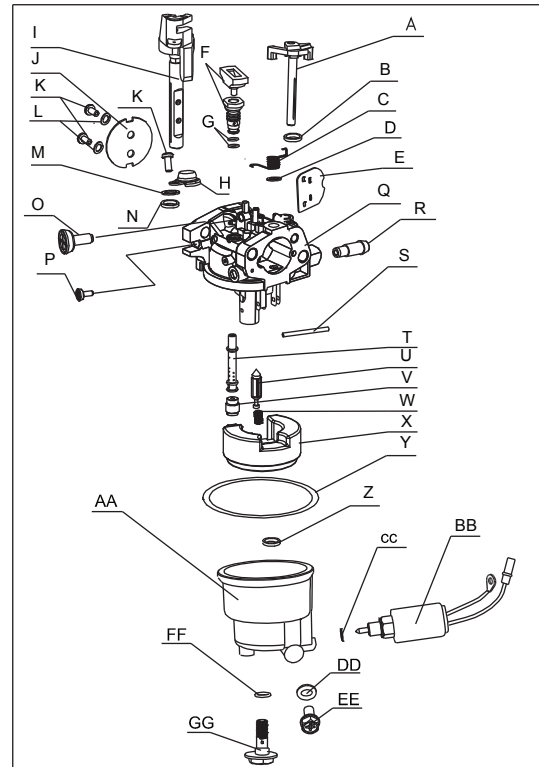
Ref.	Part Number	Description
98	951-12248	Oil Pump Assembly
99	951-12247	O-Ring 10×2.65
100	951-12249	Filter
101	951-12250	Filter Spring
102	951-12251	O-Ring 35.5×2.65
103	951-12252	Filter Cover
104	951-11956	Governor Gear/Shaft Assembly
112	710-05313	Bolt M8×15
113	736-04560	Oil Drain Plug Washer
114	951-12690	Oil Filter
115	951-12253	Screw Joint
116	919-05090	Crankcase Cover
	951-14704	Crankcase Cover Assembly (Incl.87-89,100-104,112,113,116)
117	710-04982	Bolt M8×54
118	951-11375	Lower Crankshaft Seal
119	710-05314	Bolt M8×43
188	951-12194	Oil Drain Plug Assembly

4P90JUC Carburetor Assembly



193 - Carburetor Kit - Major

194 - Fuel Bowl Kit

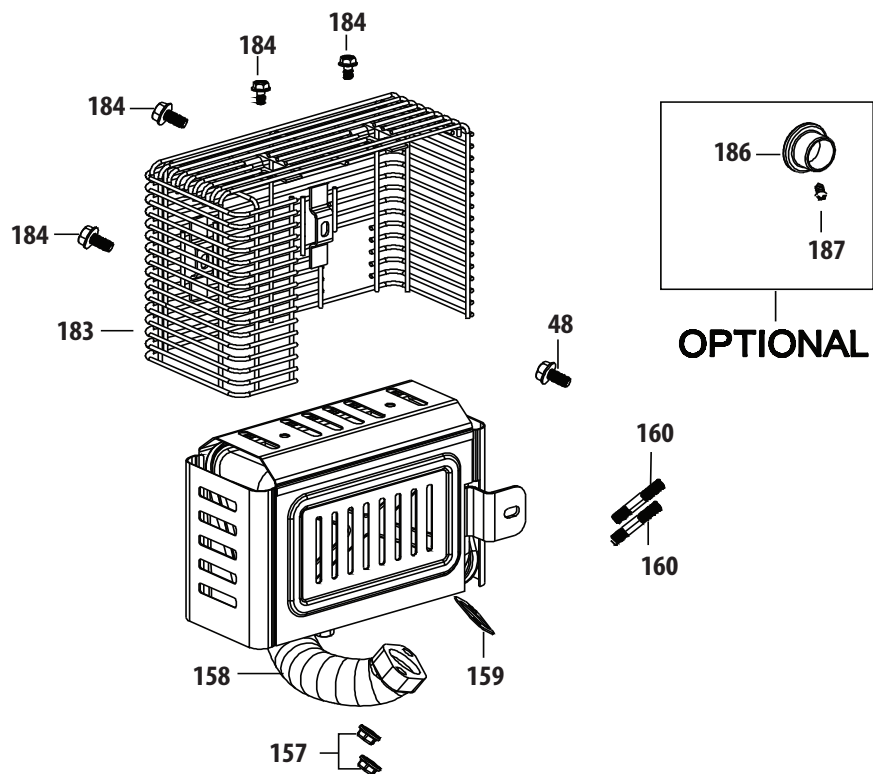


4P90JUC Carburetor Assembly

Ref.	Part Number	Description
129	951-12258A	Manifold Gasket/Add Air Hole
130	951-05149	Carburetor Assembly (Hy-4P90F)
131	951-11731	Fuel Hose Clamp
132	951-11336	Fuel Line Kit
133	723-04071	Plastic Support Clamp
135	951-12261	Carburetor Gasket
136	951-12262	Carburetor Insulator
137	951-12263	Carburetor Insulator Gasket
138	951-12264	Carb Stud
193	951-14708	Carburetor Kit - Major (Incl.129,135,137,CC,F,G,S,T,U,V,W,X,Y,Z)
194	951-14705	Fuel Bowl Kit (Incl.129,135,137,Y,Z,AA,CC,DD,GG)
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

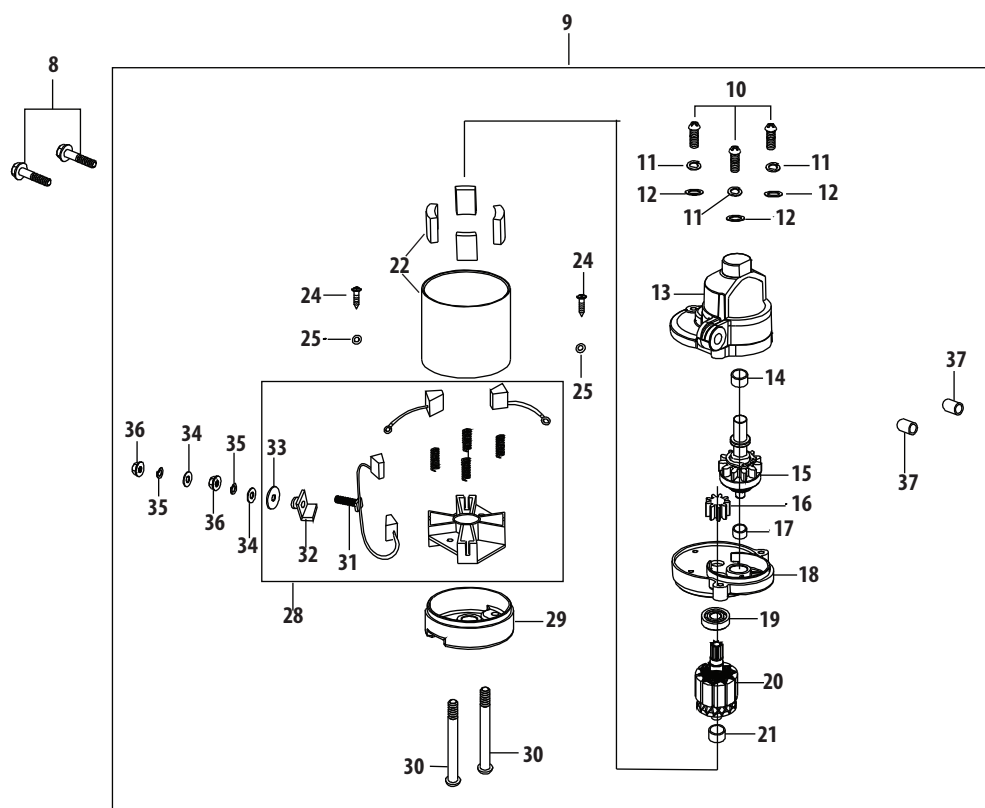
Ref.	Part Number	Description
K	n/a	Screw M3×5
L	n/a	Lock Washer
M	n/a	Nylon/Plastic O-Ring
N	n/a	Fiber O-Ring
O	n/a	Idle Speed Adjusting Screw
P	n/a	Idle Mixture Screw
Q	n/a	Carburetor Body
R	n/a	Fuel Inlet
S	n/a	Float Pin
T	n/a	Emulsion Tube
U	n/a	Needle Valve
V	n/a	Main Jet
W	n/a	Needle Valve Spring
X	n/a	Float
Y	n/a	Fuel Bowl O-Ring
Z	n/a	Square-Ring
AA	n/a	Fuel Bowl
BB	n/a	Solenoid Valve Assembly
CC	n/a	Solenoid Valve Washer
DD	n/a	Fuel Drain Plug Gasket
EE	n/a	Fuel Drain Plug
FF	n/a	O-Ring
GG	n/a	Fuel Bowl Bolt

4P90JUC Muffler Assembly



Ref.	Part Number	Description
48	710-04916	Bolt M6×14
157	712-04219	Nut M8
158	951-14468	Muffler Assembly
159	951-12271	Exhaust Pipe Gasket
160	951-14459	Muff Stud M8×47
160	951-14464	Muffler Stud Assembly
183	951-12278	Wire Mesh Shield
184	710-05051	Bolt M6×12
186	951-12329	Spark Arrestor
187	710-05344	Spark Arrestor Screw

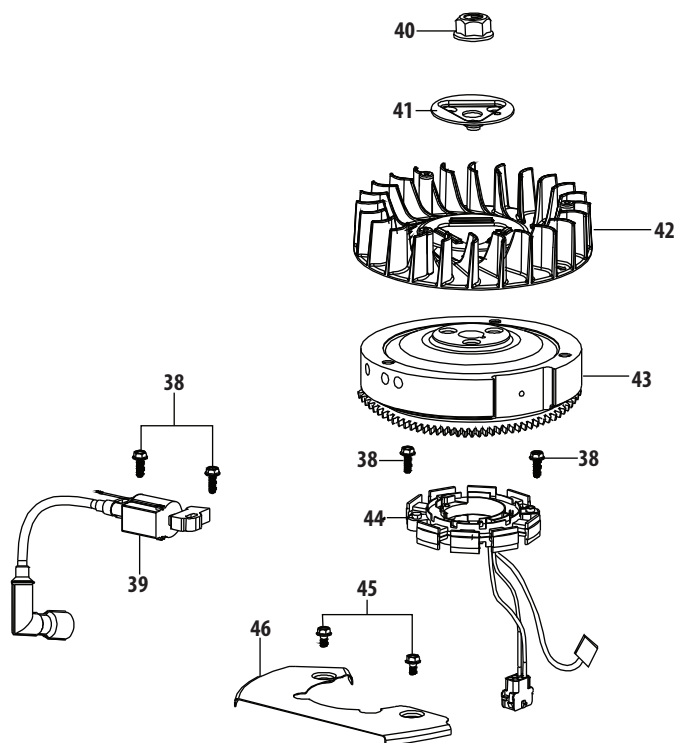
4P90JUC Starter Assembly



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
20	951-12215	Starter Armature
21	951-12216	Bearing

Ref.	Part Number	Description
22	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	710-05309	Bolt M6×30 Assembly
32	951-12324	Waterproof Washer
33	736-04555	Insulation Washer
34	736-04556	Plain Washer 6
35	736-04477	Lock Washer 6
36	712-05015	Nut M6
37	715-04120	Dowel Pin 10×14

4P90JUC 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	919-05089	Flywheel
44	951-12224	Coil Assy. Charge
45	710-04940	Bolt M6×10
46	951-12279	Cowl

[illegible]



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