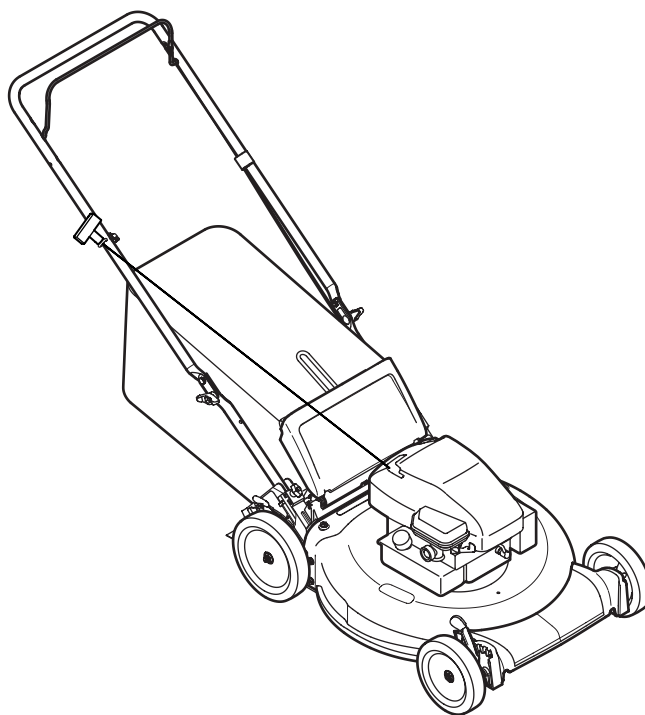

ILLUSTRATED PARTS MANUAL



Push Mowers

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

To The Owner

Thank you for purchasing an MTD Lawn Mower. 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 standing at the operator's position and looking down at the rear of the deck.

MODEL NUMBER

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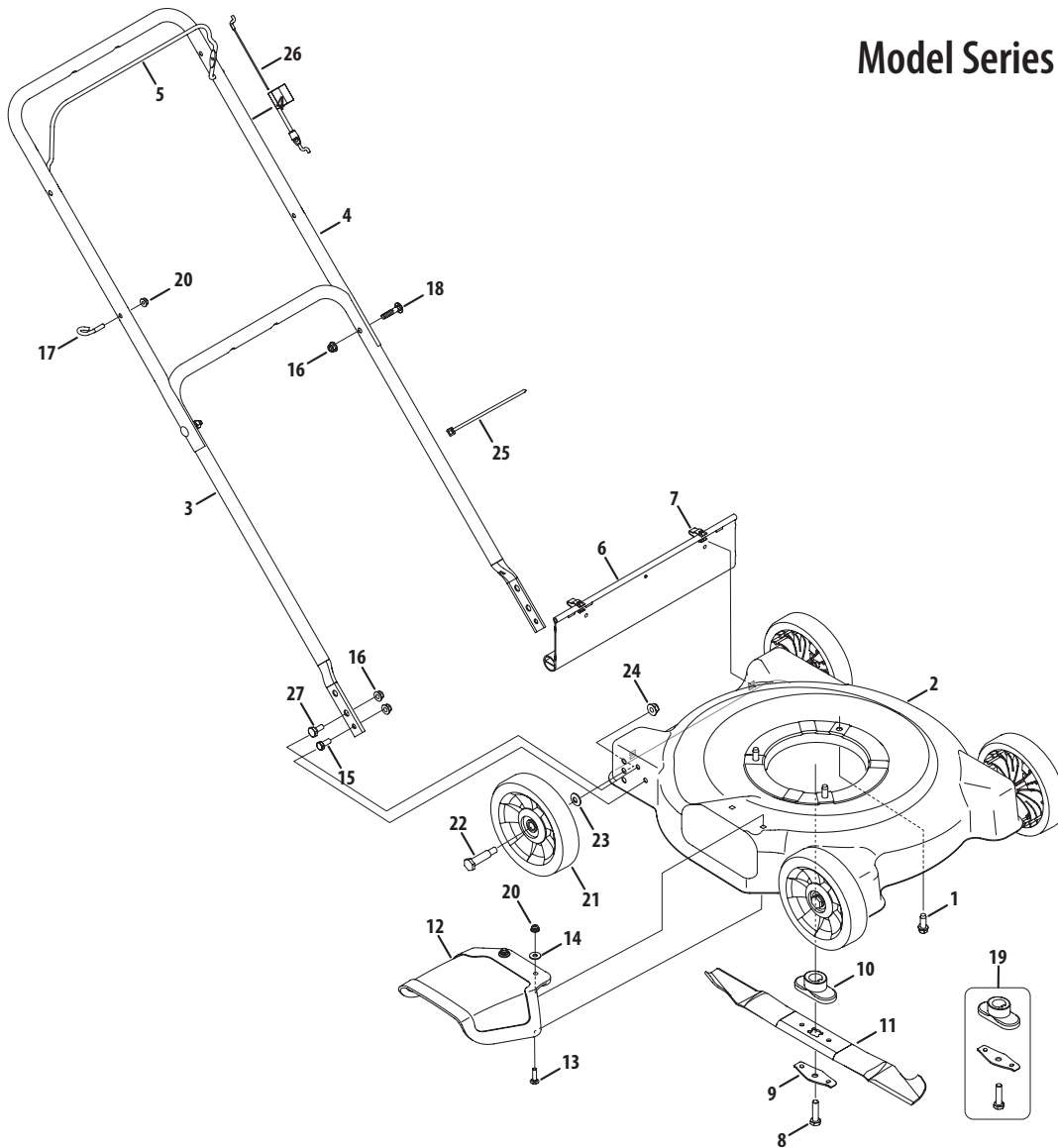
SERIAL NUMBER

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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-XXXXX-0637). Please refer to the table below for current color codes:

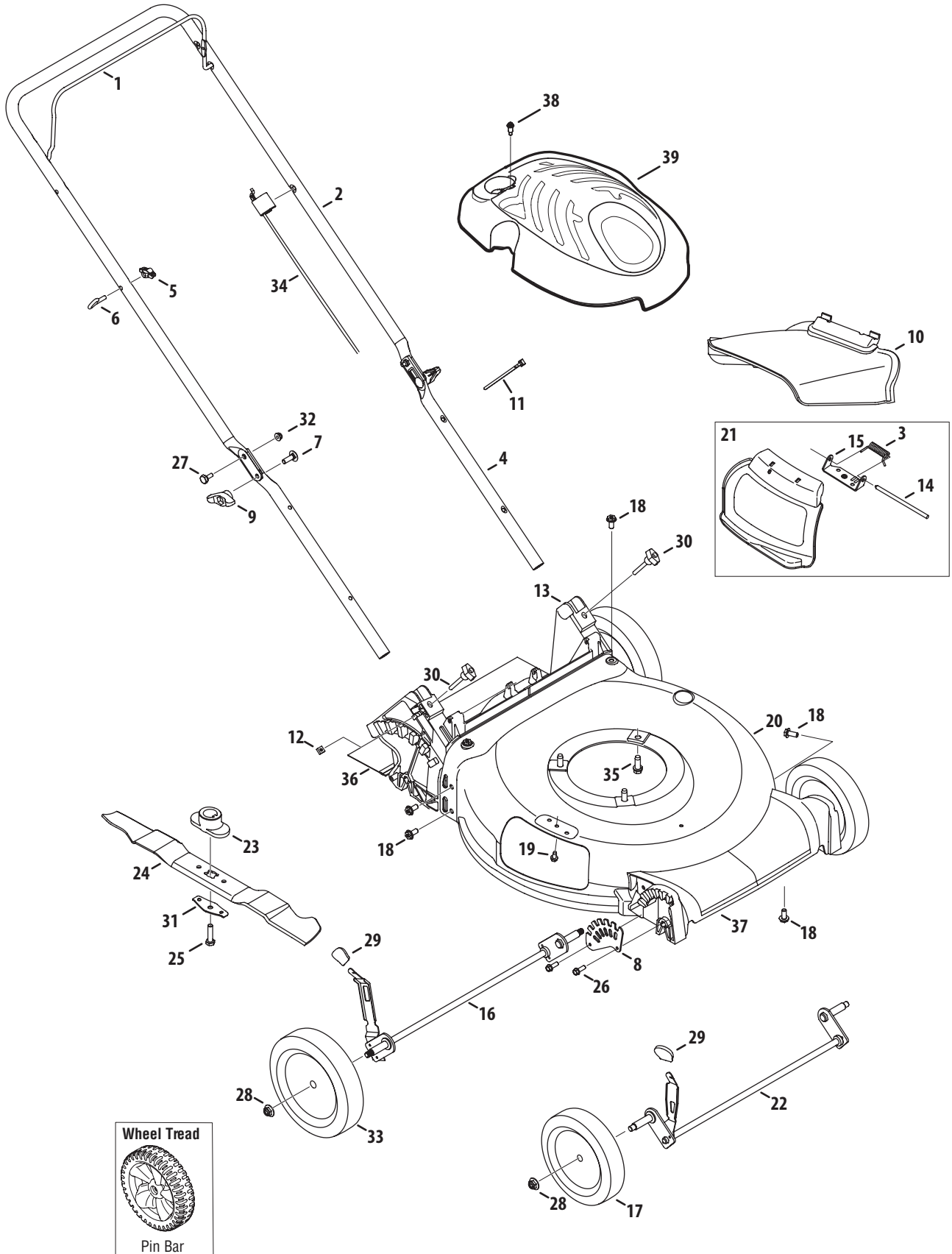
0637	Black	0674	Yellow (Yard-Man)
0709	Dark Green (Bolens, Yard-Man)	0650	Metallic Red (White Outdoor)
0662	Oyster Gray (MTD Gold)	0629	Silver Flake (MTD Platinum)
0638	Red (Yard Machines, Huskee, Troy-Bilt, MTD)	04038	Day Orange (Daedong)
0691	Black Jack (MTD Gold, MasterCut)	04033	Flint Mica (Troy-Bilt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



Ref.	Part Number	Description
1	710-0654A	Hex Ind. Washer Screw, 3/8-16 x 1.0
2	787-01759-0638	Cutting Deck, 20" - Red
	787-01759-0709	Cutting Deck, 20" - Green
3	749-04037	Lower Handle
4	749-1092A	Upper Handle
5	747-1161A	Blade Control
6	731-06953	Rear Flap
7	732-04631A	Hinge Clip
8	710-1044	Screw, 3/8-24 x 1.5"
9	736-0524B	Blade Bell Support
10	748-0376E	Blade Adapter
11	942-0640	Cutting Blade
12	731-0064	Discharge Chute
13	710-0932A	Carriage Screw, 1/4-20 x 1.0"
14	736-0173	Flat Washer

Ref.	Part Number	Description
15	710-3008	Hex Screw, 5/16-18 x .75"
16	712-04063	Flange Lock Nut, 5/16-18
17	710-1205	Eye Bolt
18	710-0262	Carriage Bolt, 5/16-18 x 1.5"
19	753-06315	Blade Adapter Kit (Incl. Ref. 8-10)
20	712-04064	Flange Lock Nut, 1/4-20
21	734-04063A	Wheel, 7" Star-Dia., Oys. Gray
22	938-0533	Shoulder Screw, .498 x 1.635
23	736-0105	Bell Washer
24	712-04065	Flange Lock Nut, 3/8-16
25	725-0157	Cable Tie
26	946-0957	Control Cable, 148cc
	946-04703	Control Cable, 139cc
27	938-04033	Shoulder Screw, 5/16-18 x.428"

Model Series 11A-A0X

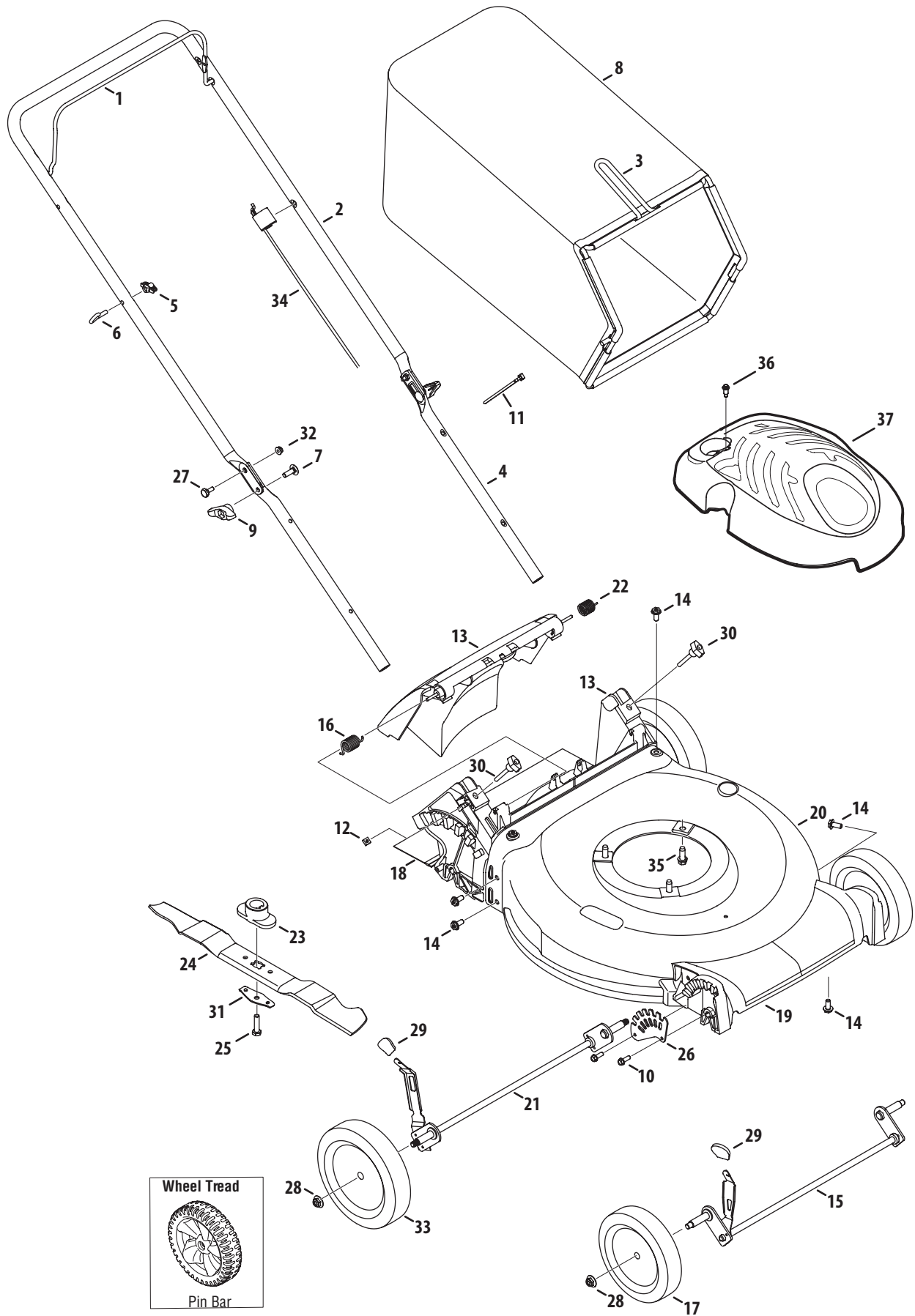


Ref No.	Part Number	Description
1	747-05184A	Blade Control
2	749-04680	Upper Handle
3	732-1014C	Torsion Spring
4	749-04608A	Lower Handle
5	720-0279	Wing Nut
6	710-1205	Rope Guide
7	710-04998	Carriage Screw ,5/16-18
8	787-01818A	Front Height Adjuster Plate
9	720-04122	Wing Knob
10	731-07486	Side Chute
11	725-0157	Cable Tie
12	712-04222	Nut, Sq., 1/4-20
13	931-04486A	Rear Baffle
14	747-0710A	Hinge Pin
15	787-01779	Chute Deflector Bracket
16	911-04142	Rear Axle Assembly
17	734-04562	Front Wheel, 7 x 1.8, Bar, Gray
18	710-04995A	Screw, 5/16-14 x .750
19	710-05073	Screw, 1/4-20 x .500
20	787-01869A	Deck , 21"

Ref No.	Part Number	Description
21	987-02516	Hinged Mulch Plug Assembly
22	911-04143B	Front Axle Assembly
23	748-0376E	Blade Adapter, 139cc
24	942-0741A	Mulching Blade
25	710-1044	Screw , 3/8-24 x 1.50
26	710-0895	Screw, 1/4-15 x .750
27	738-04419A	Slidr. Screw, .375 x .126 x 1/4-20
28	712-04217	Flange Lock Nut, 3/8-16
29	720-04130	Adjustment Lever Knob
30	720-04123A	Wing Nut
31	736-0524B	Blade Bell Support
32	712-04064	Nut, Flange Lock, 1/4-20
33	734-04563	Rear Wheel, 8 x 1.8, Bar, Gray
34	946-04703	Control Cable (139cc)
	746-0957	Control Cable (Briggs)
35	710-04683A	TT Sems Screw, 3/8-16 x 1.0
36	731-07203	Trail shield
37	731-07078A	Front Cover
38	710-04744†	Screw, HL, #12-16 x 1.00
39	931-04474†	Engine Shroud M1.1 Black

† If Equipped

Model Series 11A-A1X



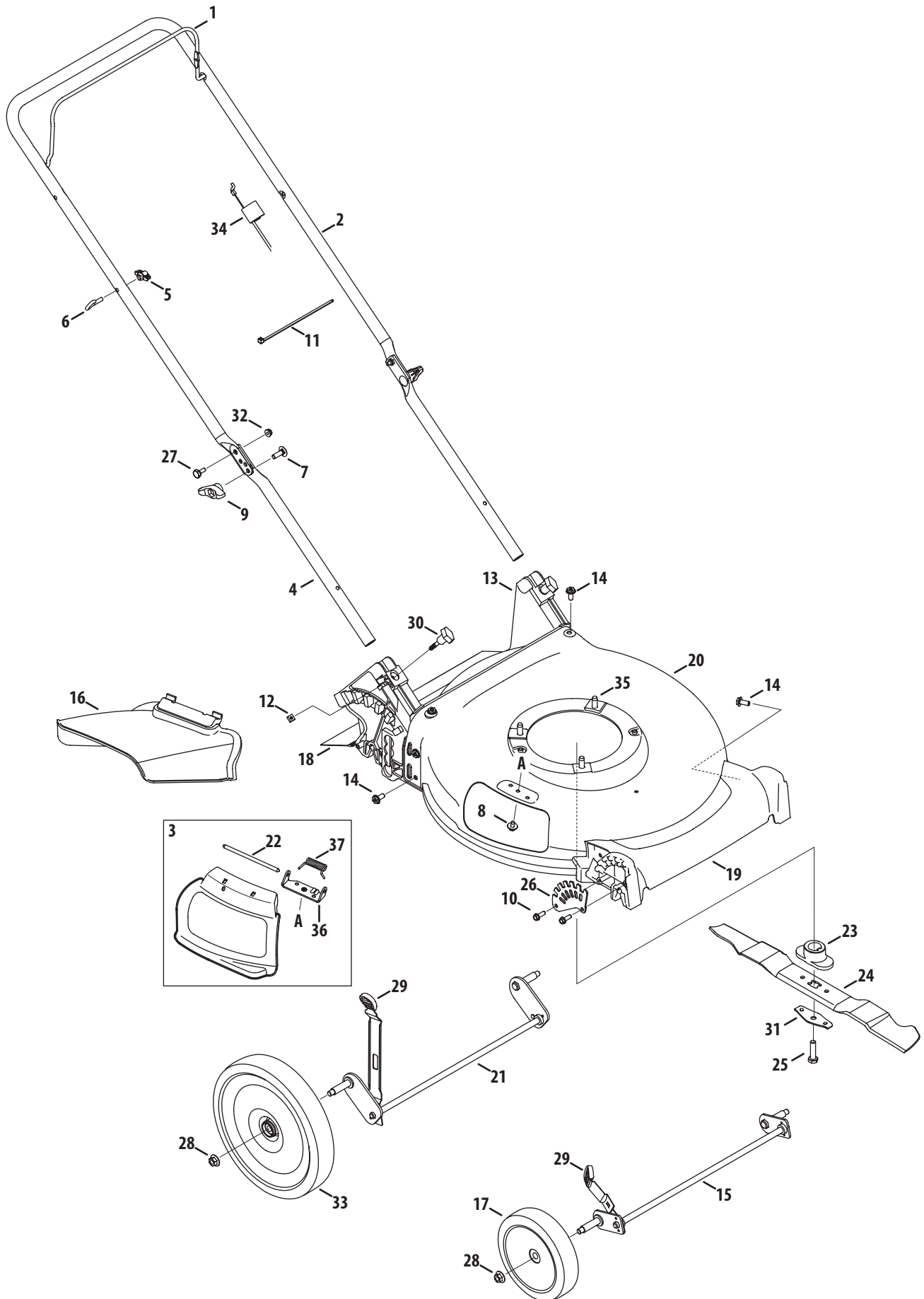
Model Series 11A-A1X

Ref No.	Part Number	Description
1	747-05184A	Blade Control
2	749-04680	Upper Handle
3	647-04271	Grass Catcher Frame
4	749-04608A	Lower Handle
5	720-0279	Wing Nut
6	710-1205	Rope Guide
7	710-04998	Carriage Screw ,5/16-18
8	764-04077A	Grass Bag
	964-04116A	Grass Bag, Yardman
9	720-04122	Wing Knob
10	710-0895	Screw, 1/4-15 x .750
11	725-0157	Cable Tie
12	712-04222	Nut, Sq., 1/4-20
13	631-04369A	Rear Door Assembly
14	710-04995A	Screw, 5/16-14 x .750
15	911-04143B	Front Axle Assembly
16	732-04673	Torsion Spring - RH
17	734-04562	Front Wheel, 7 x 1.8, Bar, Gray
18	731-07203	Trail Shield
19	731-07078A	Front Cover

Ref No.	Part Number	Description
20	787-01870A	Deck - 21"
21	911-04142	Rear Axle Assembly
22	732-04674	Torsion Spring - LH
23	748-0376E	Blade Adapter
	748-04096	Blade Adapter, 25mm x 1.19
24	942-0741A	Mulching Blade
25	710-1044	Screw , 3/8-24 x 1.50
26	787-01818A	Front Height Adjuster Plate
27	738-04419A	Sldr. Screw, .375 x .126 x 1/4-20
28	712-04217	Flange Lock Nut, 3/8-16
29	720-04130	Adjustment Lever Knob
30	720-04123A	Wing Nut
31	736-0524B	Blade Bell Support
32	712-04064	Nut, Flange Lock, 1/4-20
33	734-04563	Rear Wheel, 8 x 1.8, Bar, Gray
34	946-04703	Control Cable, 48"
	746-04670A	Control Cable, 36.65"
35	710-04683A	TT Sems Screw, 3/8-16 x 1.0
36	710-04744†	Screw, HL, #12-16 x 1.00
37	931-04474†	Engine Shroud M1.1 Black

† If Equipped

Model Series 11A-BOX

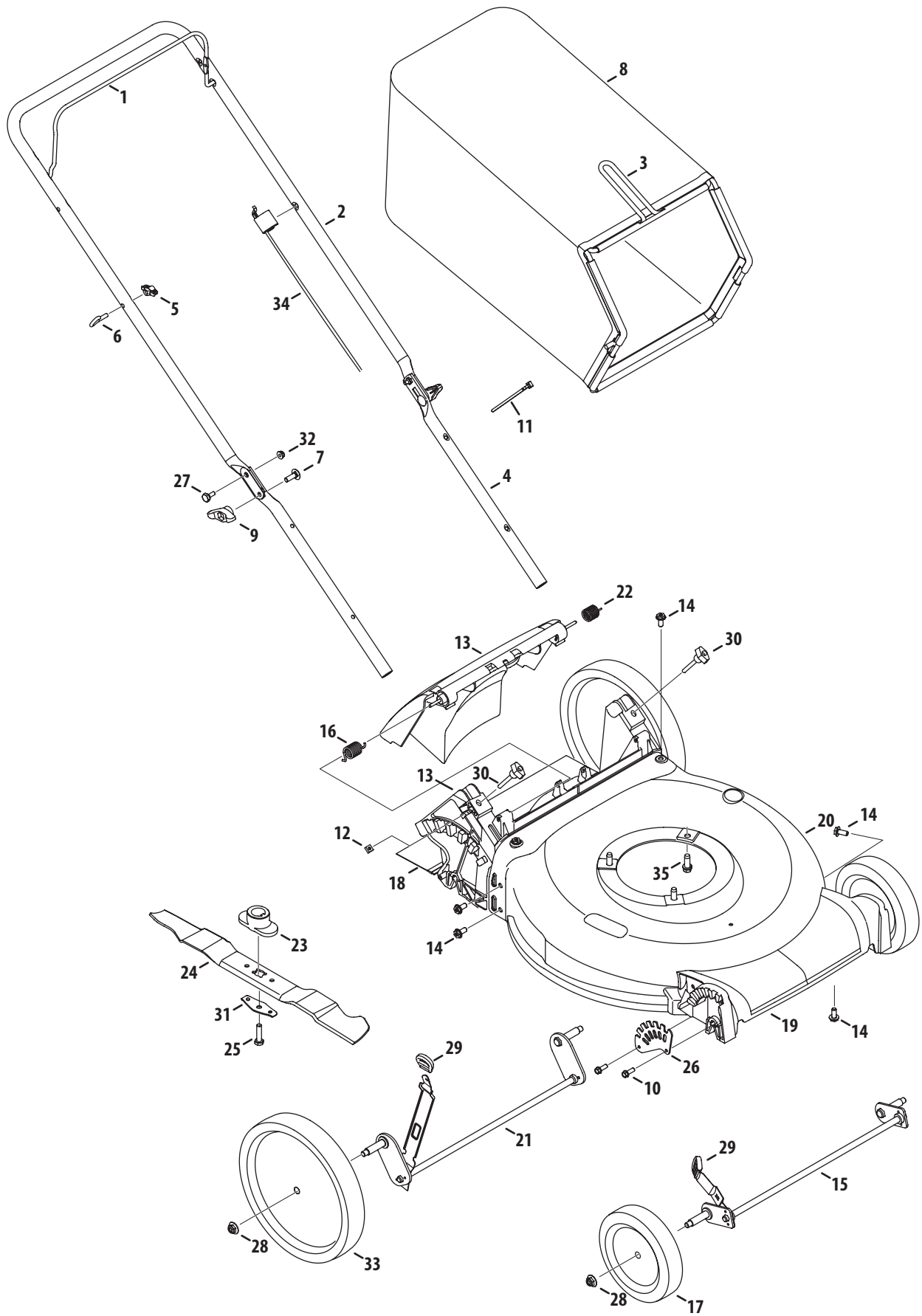


Model Series 11A-BOX

Ref No.	Part Number	Description
1	747-05184A	Blade Control
2	749-04680	Upper Handle, Non-Adjustable
	749-04681	Upper Handle, Adjustable
3	987-02516	Hinged Mulch Plug Assembly
4	749-04608A	Lower Handle
5	720-0279	Wing Nut
6	710-1205	Rope Guide
7	710-04998	Carriage Screw ,5/16-18
8	710-05073	Screw, 1/4-20 x .500
9	720-04122	Wing Knob
10	710-0895	Screw, 1/4-15 x .750
11	725-0157	Cable Tie
12	712-04222	Nut, Sq., 1/4-20
13	931-04486A	Rear Baffle
	931-04485A	Rear baffle (Lowes)
14	710-04995A	Screw, 5/16-14 x .750
15	911-04143B	Front Axle Assembly
16	731-07486	Side Chute
17	734-04562	Front Wheel, 7 x 1.8, Gray
18	731-07203	Trail Shield
19	731-07078A	Front Cover

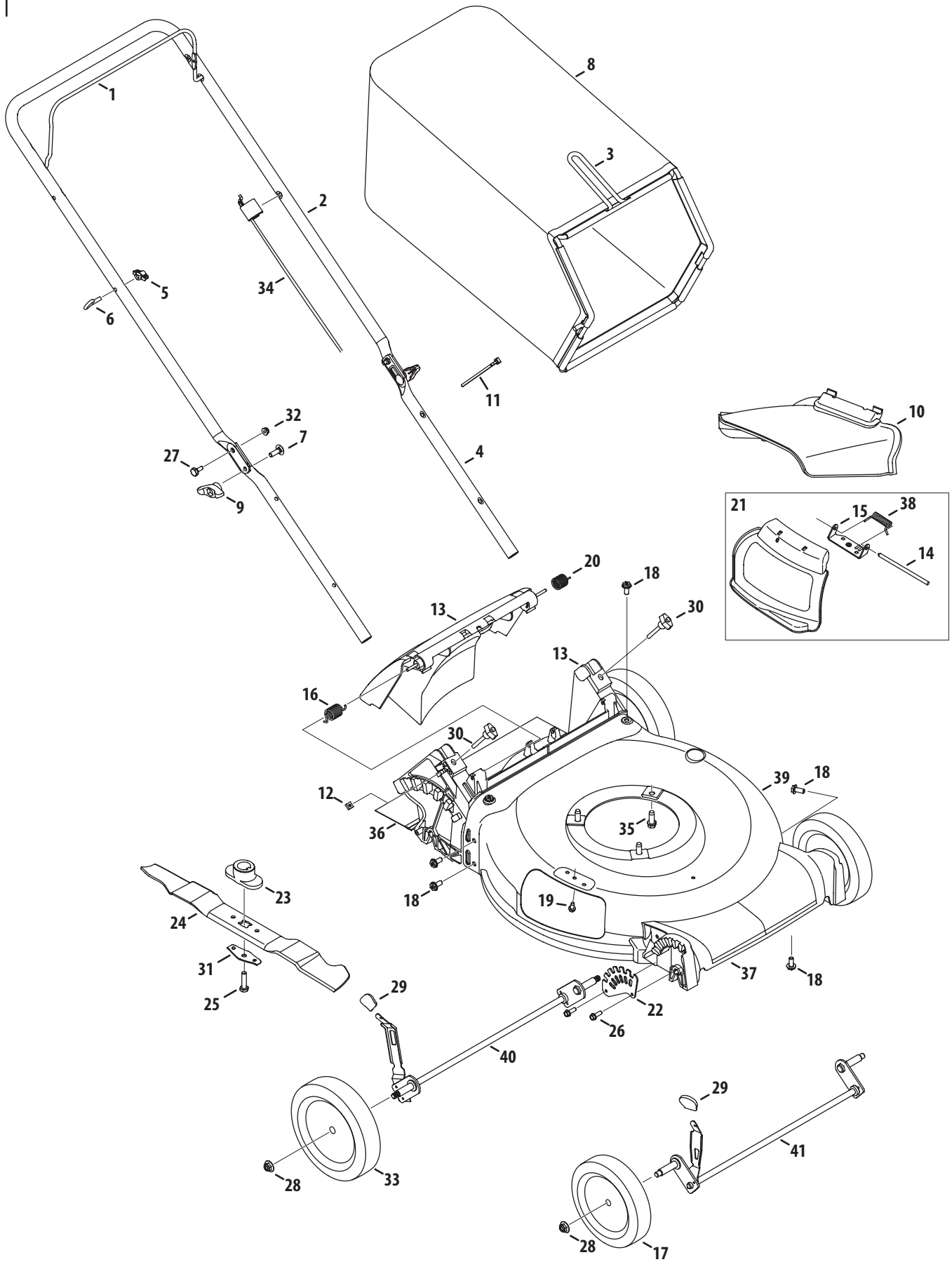
Ref No.	Part Number	Description
20	787-01869A-0638	Deck - 21" - Red
	787-01869A-0709	Deck - 21" - Green
21	911-04144A	Rear Axle Assembly
22	747-0710A	Hinge Pin
23	748-0376E	Blade Adapter
	748-04096	Blade Adapter, 25mm x 1.19
24	942-0741A	Mulching Blade
25	710-1044	Screw , 3/8-24 x 1.50
26	787-01818A	Front Height Adjuster Plate
27	738-04419A	Sldr. Screw, .375 x .126 x 1/4-20
28	712-04217	Flange Lock Nut, 3/8-16
29	720-04130	Adjustment Lever Knob
30	720-04123A	Wing Nut
31	736-0524B	Blade Bell Support
32	712-04064	Nut, Flange Lock, 1/4-20
33	634-04625	Rear Wheel, 11 x 1.8, Gray
34	946-0957	Control Cable (Briggs)
	946-04703	Control Cable (139cc)
35	710-04683A	TT Sems Screw, 3/8-16 x 1.0
36	787-01779	Chute Deflector Bracket
37	732-1014C	Torsion Spring

Model 11A-B13



Ref No.	Part Number	Description
1	747-05184A	Blade Control
2	749-04680	Upper Handle
3	647-04271	Grass Catcher Frame
4	749-04608A	Lower Handle
5	720-0279	Wing Nut
6	710-1205	Rope Guide
7	710-04998	Carriage Screw ,5/16-18
8	764-04077A	Grass Bag
9	720-04122	Wing Knob
10	710-0895	Screw, 1/4-15 x .750
11	725-0157	Cable Tie
12	712-04222	Nut, Sq., 1/4-20
13	631-04369A	Rear Discharge Door Assembly
14	710-04995A	Screw, 5/16-14 x .750
15	911-04143B	Front Axle Assembly
16	732-04673	Torsion Spring - RH
17	734-04562	Front Wheel Gray
18	731-07203	Trail Shield
19	731-07078A	Front Cover
20	787-01870A	Deck - 21"
21	911-04144A	Rear Axle Assembly
22	732-04674	Torsion Spring - LH
23	748-0376E	Blade Adapter
24	942-0741A	Mulching Blade
25	710-1044	Screw , 3/8-24 x 1.50
26	787-01818A	Front Height Adjuster Plate
27	738-04419A	Slidr. Screw, .375 x .126 x 1/4-20
28	712-04217	Flange Lock Nut, 3/8-16
29	720-04130	Adjustment Lever Knob
30	720-04123A	Wing Nut
31	736-0524B	Blade Bell Support
32	712-04064	Nut, Flange Lock, 1/4-20
33	634-04625	Rear Wheel
34	946-0957	Control Cable
35	710-04683A	TT Sems Screw, 3/8-16 x 1.0

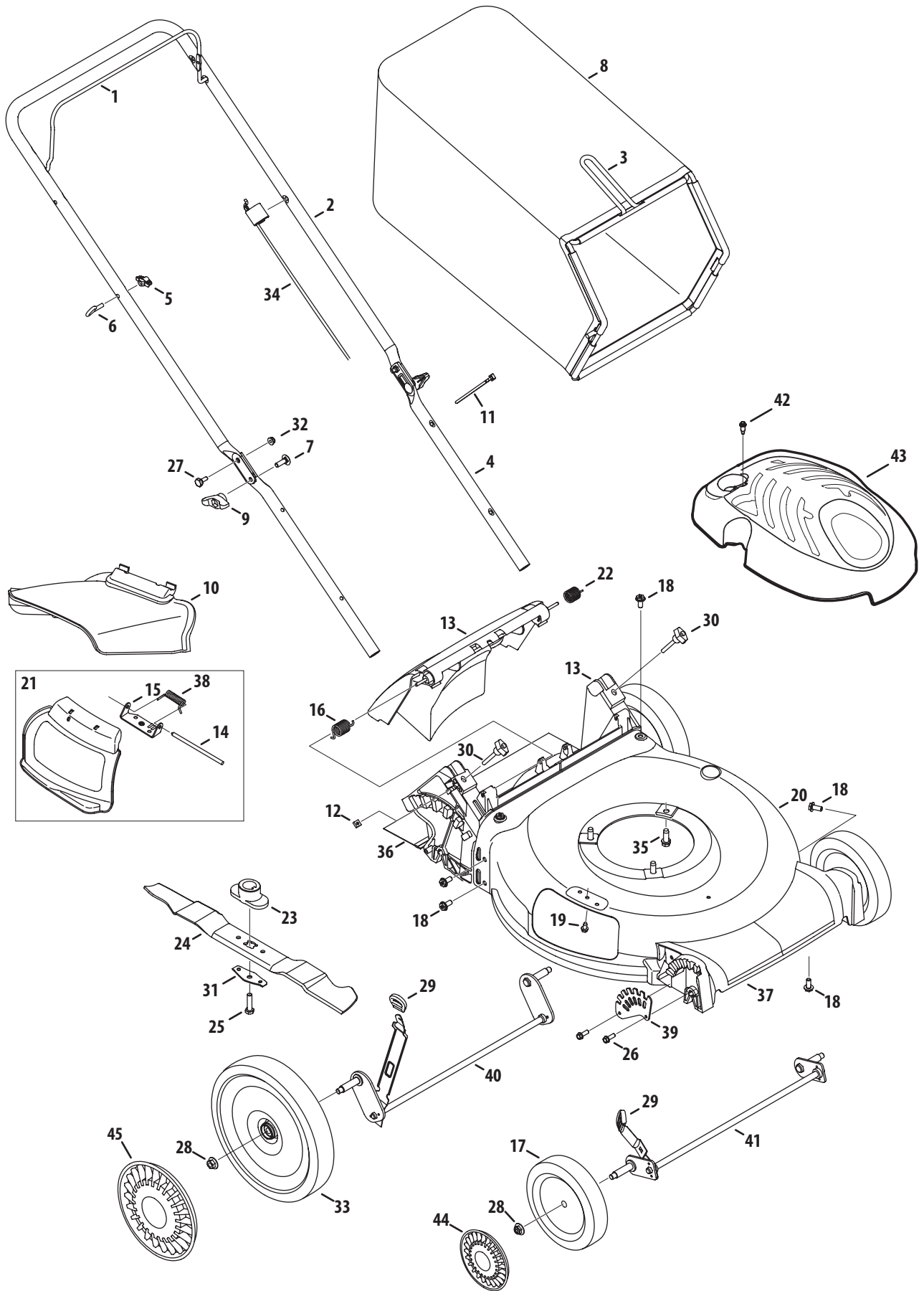
Model Series 11A-A2X



Ref No.	Part Number	Description
1	747-05184A	Blade Control
2	749-04680	Upper Handle, Non-Adjustable
	749-04681	Upper Handle, Adjustable
3	647-04271	Grass Catcher Frame
4	749-04608A	Lower Handle
5	720-0279	Wing Nut
6	710-1205	Rope Guide
7	710-04998	Carriage Screw ,5/16-18
8	764-04077A	Grass Bag
	964-04116A	Grass Bag, Yardman
9	720-04124	Wing Knob, Red
	720-04122	Wing Knob, Black
10	731-07486	Side Chute
11	725-0157	Cable Tie
12	712-04222	Nut, Sq., 1/4-20
13	631-04369A	Rear Discharge Door Assembly
14	747-0710A	Hinge Pin
15	787-01779	Chute Deflector Bracket
16	732-04673	Torsion Spring - RH
17	734-04562	Front Wheel Gray
18	710-04995A	Screw, 5/16-14 x .750
19	710-05073	Screw, 1/4-20 x .500
20	732-04674	Torsion Spring - LH
21	987-02516	Hinged Mulch Plug Assembly
22	787-01818A	Front Height Adjuster Plate

Ref No.	Part Number	Description
23	748-0376E	Blade Adapter
	748-04096	Blade Adapter, 25mm x 1.19
24	942-0741A	Mulching Blade
25	710-1044	Screw , 3/8-24 x 1.50
26	710-0895	Screw, 1/4-15 x .750
27	738-04419A	Sldr. Screw, .375 x .126 x 1/4-20
28	712-04217	Flange Lock Nut, 3/8-16
29	720-04131A	Adjustment Lever Knob, Red
	720-04130	Adjustment Lever Knob, Black
30	720-04123A	Wing Nut
31	736-0524B	Blade Bell Support
32	712-04064	Nut, Flange Lock, 1/4-20
33	734-04563	Rear Wheel Gray
34	946-0957	Control Cable (Briggs)
	946-04703	Control Cable (139cc)
35	710-04683A	TT Sems Screw, 3/8-16 x 1.0
36	731-07203	Trail shield
37	731-07078A	Front Cover
38	732-1014C	Torsion Spring
39	787-01869A-4066	Deck , 21" - Universal Red
	787-01869A-0638	Deck , 21" - MTD Red
	787-01869A-0709	Deck , 21" - Green
40	911-04142	Rear Axle Assembly
41	911-04143B	Front Axle Assembly

Model Series 11A-B2X

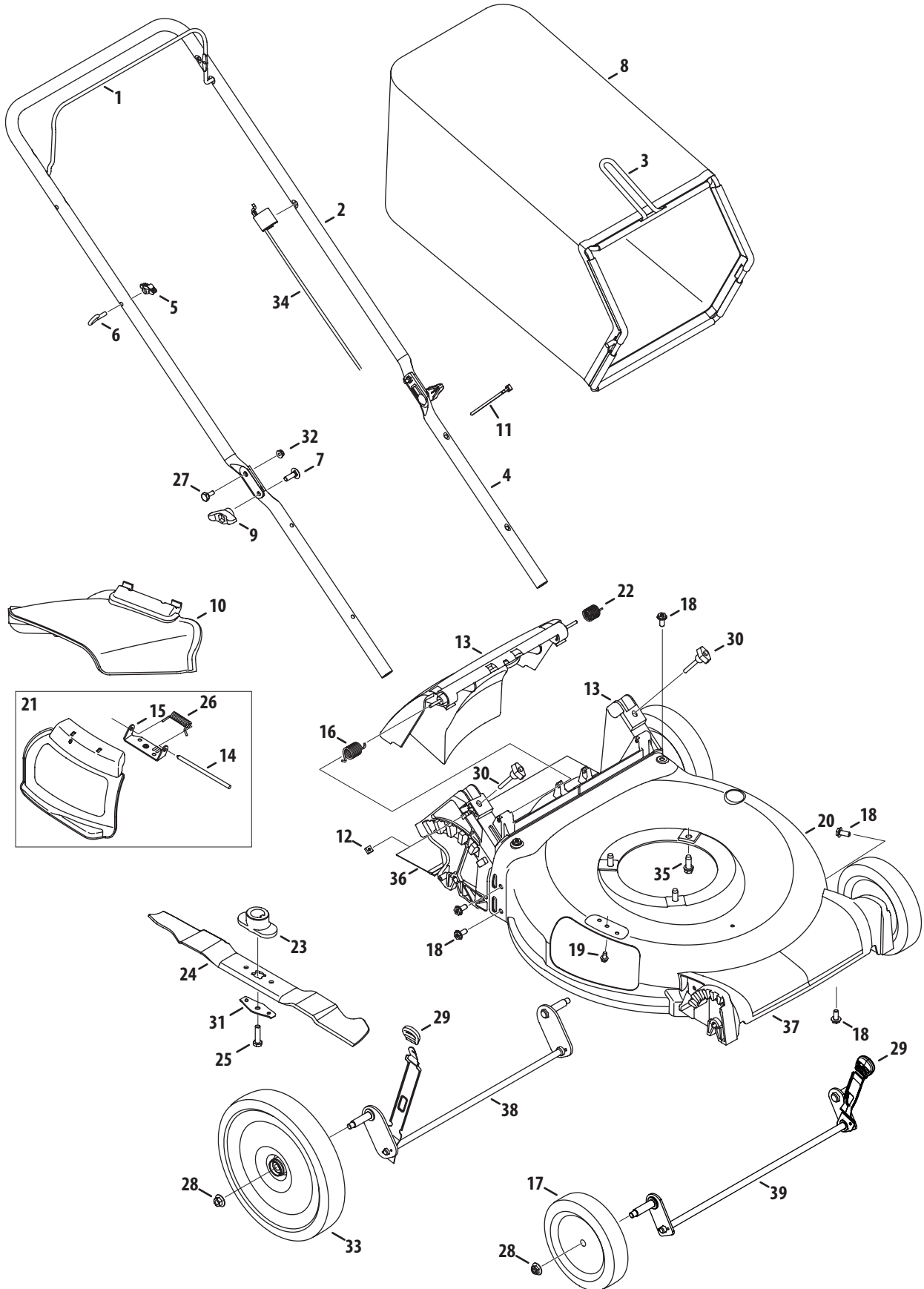


Model Series 11A-B2X

Ref No.	Part Number	Description	Ref No.	Part Number	Description
1	747-05184A	Blade Control, Standard	22	732-04674	Torsion Spring - LH
	747-05204	Blase Control, Ergo	23	748-04096	Blade Adapter, 25mm x 1.19
2	749-04681	Upper Handle, Adjustable		748-0376E	Blade Adapter, #6 x 1.19 w/ Star
	749-04680	Upper Handle, Non-Adjustable	24	942-0741A	Mulching Blade
	749-04682A	Upper Handle, Ergo	25	710-1044	Screw , 3/8-24 x 1.50
3	647-04271	Grass Catcher Frame	26	710-0895	Screw, 1/4-15 x .750
4	749-04608A	Lower Handle	27	738-04419A	Sldr. Screw, .375 x .126 x 1/4-20
5	720-0279	Wing Nut	28	712-04217	Flange Lock Nut, 3/8-16
6	710-1205	Rope Guide	29	720-04130	Adjustment Lever Knob
7	710-04998	Carriage Screw ,5/16-18		720-04131A	Adjustment Lever Knob (Red)
8	764-04077A	Grass Bag	30	720-04123A	Wing Nut, Black
	964-04116A	Grass Bag, Yardman		720-04127A	Wing Nut, Red
	764-04082A	Grass Bag, Black	31	736-0524B	Blade Bell Support
9	720-04124	Wing Knob, Red	32	712-04064	Nut, Flange Lock, 1/4-20
	720-04122	Wing Knob, Black	33	634-04625	Rear Wheel Gray
10	731-07486	Side Chute		634-04630	Rear Wheel Black
11	725-0157	Cable Tie	34	946-04670A	Control Cable, 36.65"
12	712-04222	Nut, Sq., 1/4-20		946-04703	Control Cable, 48"
13	631-04369A	Rear Discharge Door Assembly		946-04661	Control Cable, 37.58"
14	747-0710A	Hinge Pin	35	710-04683A	TT Sems Screw, 3/8-16 x 1.0
15	787-01779	Chute Deflector Bracket	36	731-07203	Trail shield
16	732-04673	Torsion Spring - RH	37	731-07078A	Front Cover
17	734-04562	Font Wheel Gray	38	732-1014C	Torsion Spring
	634-04642	Front Wheel Black	39	787-01818A	Front Height Adjuster Plate
18	710-04995A	Screw, 5/16-14 x .750	40	911-04144A	Rear Axle Assembly
19	710-05073	Screw, 1/4-20 x .500	41	911-04143B	Front Axle Assembly
20	787-01869A-0638	Deck , 21" - MTD Red	42	710-04744†	Screw, HL, #12-16 x 1.00
	787-01869A-4066	Deck , 21" - Universal Red	43	931-04437†	Engine Shroud M1.1 Black
	787-01869A-0709	Deck , 21" - Green	44	731-08202†	Hubcap, 7" w/o snaps
	787-01869A-0691	Deck , 21" - Black	45	731-07875†	Hubcap, 11"
21	987-02516	Hinged Mulch Plug Assembly			

† If Equipped

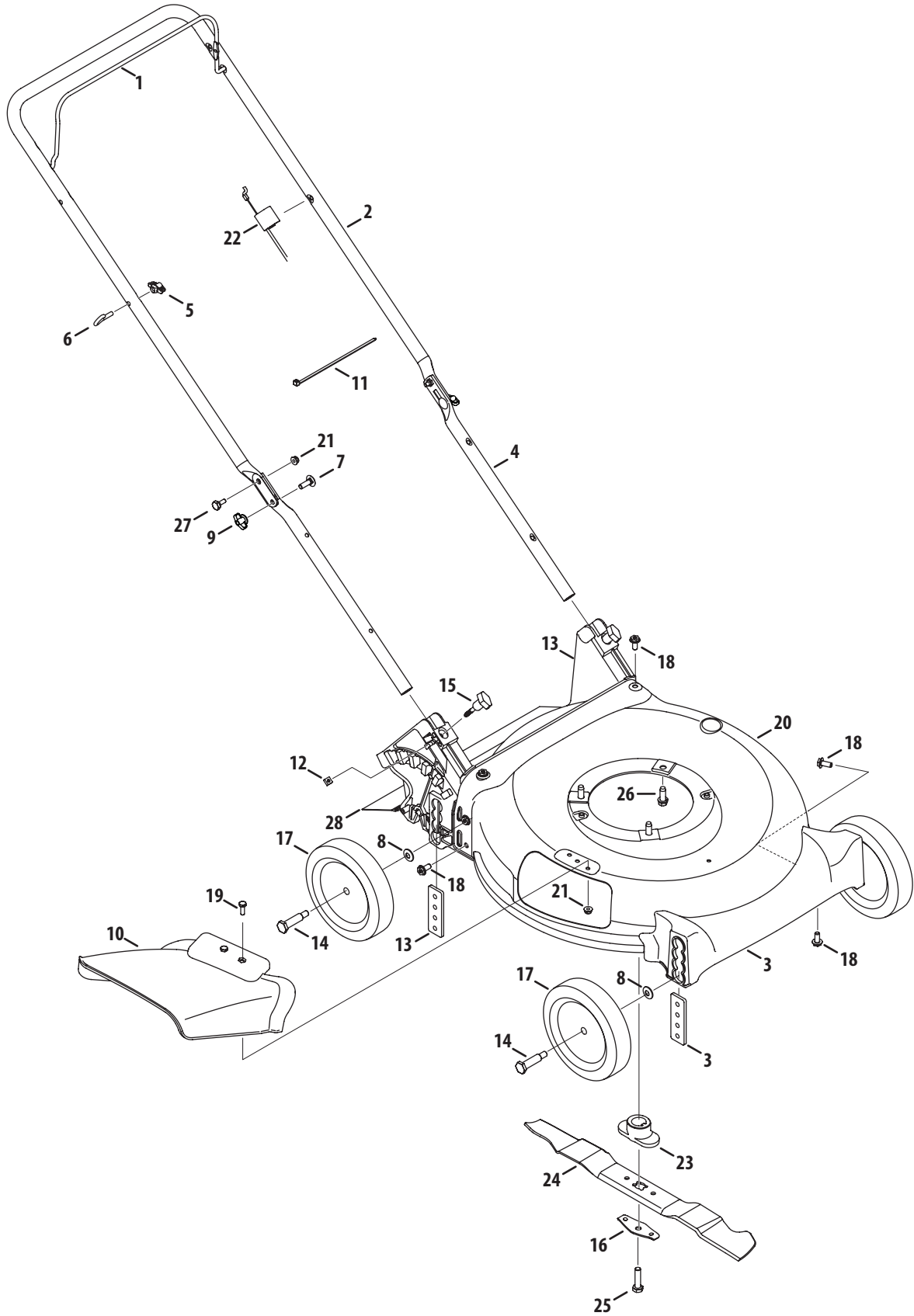
Model 11A-B96



Ref No.	Part Number	Description
1	747-05184A	Blade Control, Standard
2	749-04681	Upper Handle
3	647-04271	Grass Catcher Frame
4	749-04608A	Lower Handle
5	720-0279	Wing Nut
6	710-1205	Rope Guide
7	710-04998	Carriage Screw ,5/16-18
8	764-04077A	Grass Bag
9	720-04122	Wing Knob
10	731-07486	Side Chute
11	725-0157	Cable Tie
12	712-04222	Nut, Sq., 1/4-20
13	631-04369A	Rear Discharge Door Assembly
14	747-0710A	Hinge Pin
15	787-01779	Chute Deflector Bracket
16	732-04673	Torsion Spring - RH
17	734-04563	Font Wheel Gray
18	710-04995A	Screw, 5/16-14 x .750
19	710-05073	Screw, 1/4-20 x .500
20	787-01869A	Deck, 21"

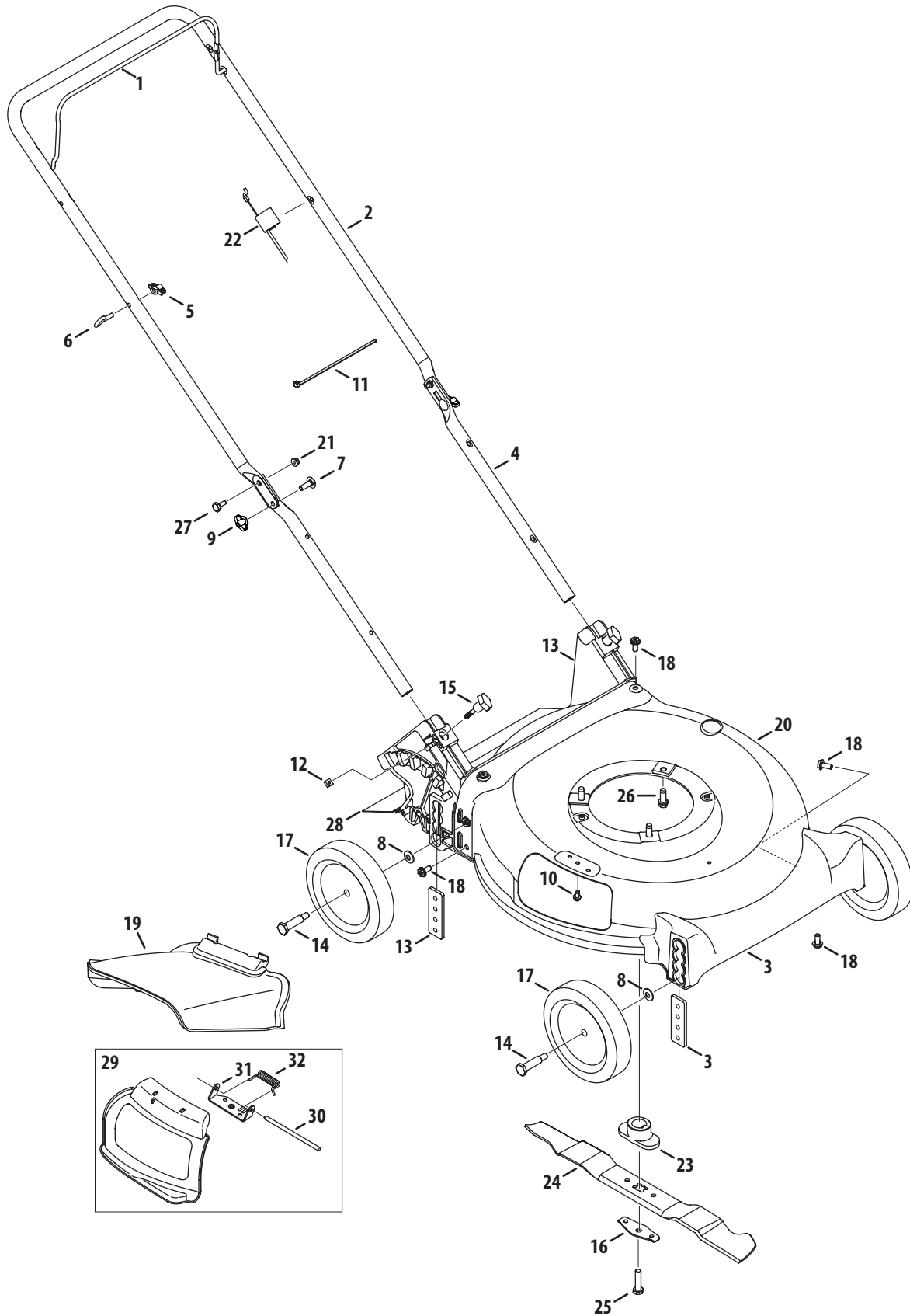
Ref No.	Part Number	Description
21	987-02516	Hinged Mulch Plug Assembly
22	732-04674	Torsion Spring - LH
23	748-04096	Blade Adapter, 25mm x 1.19
24	942-0741A	Mulching Blade
25	710-1044	Screw , 3/8-24 x 1.50
26	732-1014C	Torsion Spring
27	738-04419A	Sldr. Screw, .375 x .126 x 1/4-20
28	712-04217	Flange Lock Nut, 3/8-16
29	720-04130	Adjustment Lever Knob
30	720-04123A	Wing Nut, Black
31	736-0524B	Blade Bell Support
32	712-04064	Nut, Flange Lock, 1/4-20
33	634-04625	Rear Wheel Gray
34	946-04661	Control Cable, 37.58"
35	710-04683A	TT Sems Screw, 3/8-16 x 1.0
36	731-07203	Trail shield
37	731-09105	Front Cover
38	911-04144A	Rear Axle Assembly
39	911-05022	Front Axle Assembly

Model 11A-A40



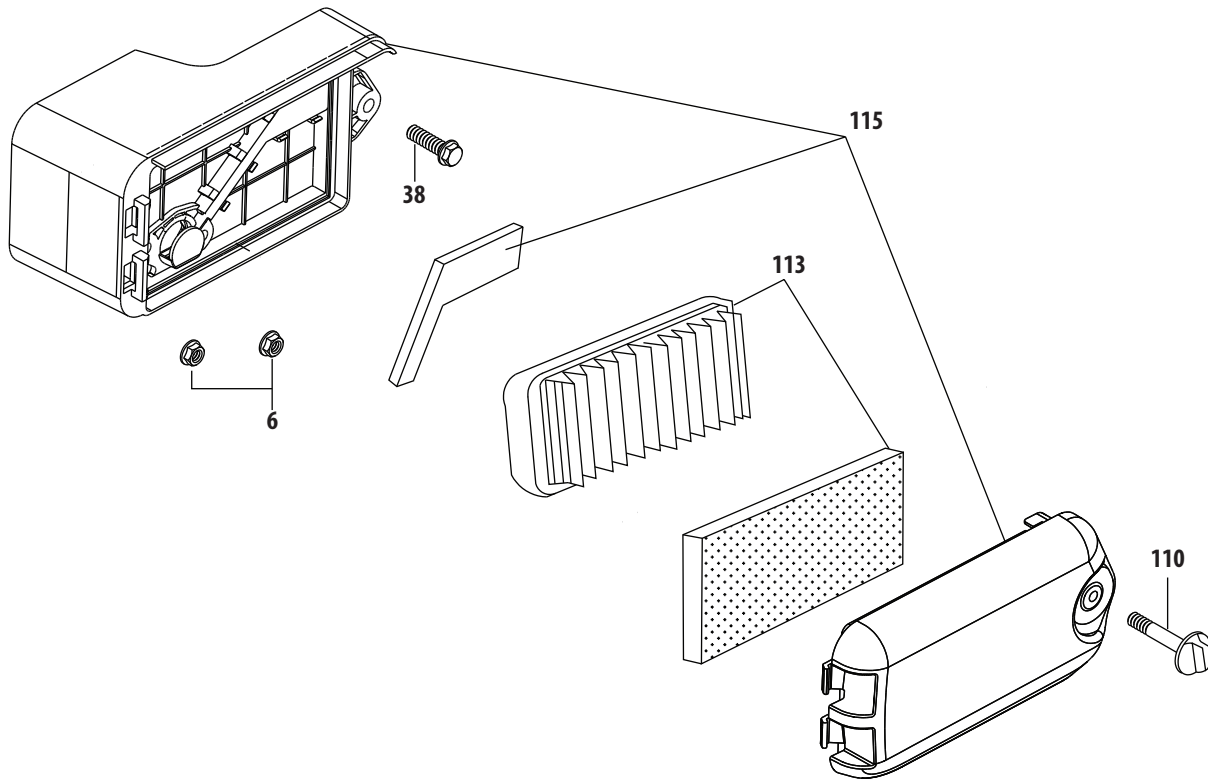
Ref No.	Part Number	Description
1	747-05184A	Blade Control
2	749-04680	Upper Handle
3	631-04516A	Front Cover Assembly
4	749-04608A	Lower Handle
5	720-0279	Wing Nut
6	710-1205	Rope Guide
7	710-04998	Carriage Screw ,5/16-18
8	736-0105	Washer, .401 x .870 x .060
9	720-04122	Wing Knob
10	731-07877	Side Chute
11	725-0157	Cable Tie
12	712-04222	Nut, Sq., 1/4-20
13	631-04557A	Rear Baffle
14	738-04466	Shoulder Screw
15	720-04123A	Wing Nut
16	736-0524B	Blade Bell Support
17	734-04063A	Wheel, 7" Star-Dia., Oys. Gray
18	710-04995A	Screw, 5/16-14 x .750
19	710-3015	Screw, 1/4-20 x .750
20	787-01869A	Deck, 21"
21	712-04064	Nut, Flange Lock, 1/4-20
22	946-0957	Control Cable
23	748-0376E	Blade Adapter
24	942-0741A	Mulching Blade
25	710-1044	Screw, 3/8-24 x 1.50
26	710-04683A	TT Sems Screw, 3/8-16 x 1.0
27	738-04419A	Slidr. Screw, .375 x .126 x 1/4-20
28	731-07203	Trail shield

Model 11A-A56



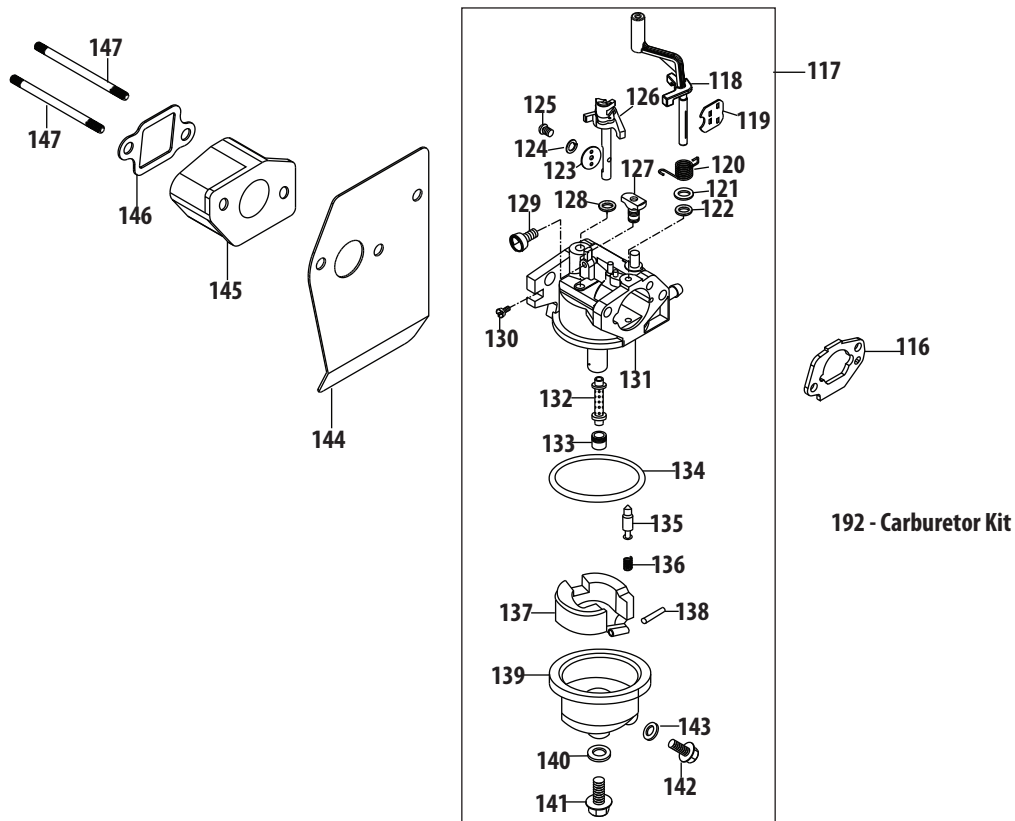
Ref No.	Part Number	Description
1	747-05184A	Blade Control
2	749-04680	Upper Handle
3	631-04516A	Front Cover Assembly
4	749-04608A	Lower Handle
5	720-0279	Wing Nut
6	710-1205	Rope Guide
7	710-04998	Carriage Screw ,5/16-18
8	736-0105	Washer, .401 x .870 x .060
9	720-04122	Wing Knob
10	710-05073	Screw, 1/4-20 x .500
11	725-0157	Cable Tie
12	712-04222	Nut, Sq., 1/4-20
13	631-04557A	Rear Baffle
14	738-04466	Shoulder Screw
15	720-04123A	Wing Nut
16	736-0524B	Blade Bell Support
17	734-04063A	Wheel, 7" Star-Dia., Oys. Gray
18	710-04995A	Screw, 5/16-14 x .750
19	731-07486	Side Chute
20	787-01869A	Deck , 21"
21	712-04064	Nut, Flange Lock, 1/4-20
22	946-0957	Control Cable
23	748-0376E	Blade Adapter
24	942-0741A	Mulching Blade
25	710-1044	Screw , 3/8-24 x 1.50
26	710-04683A	TT Sems Screw, 3/8-16 x 1.0
27	738-04419A	Sldr. Screw, .375 x .126 x 1/4-20
28	731-07203	Trail shield
29	987-02516	Hinged Mulch Plug Assembly
30	747-0710A	Hinge Pin
31	787-01779	Chute Deflector Bracket
32	732-1014C	Torsion Spring

5P70MU Air Cleaner



Ref.	Part Number	Description
6	712-04212	Nut M6X10Mm
38	710-04980	Bolt M6X35
110	951-10297	Air Filter Cover Thumb Screw
113	951-10298	Air Cleaner Kit
115	951-10412B	Air Cleaner Housing Assy Comp

5P70MU Carburetor



Ref.	Part Number	Description
116	951-11525	Carburetor Gasket Plate
117	951-10765	Carburetor Assembly
118	n/a	Choke Shaft
119	n/a	Choke Plate
120	n/a	Choke Return Spring
121	736-04556	Choke Shaft Washer
122	n/a	Choke Shaft Fiber O-Ring
123	n/a	Throttle Plate
124	n/a	Throttle Plate Lock Washer
125	n/a	Screw M3X5 Throttle Plate
126	n/a	Throttle Shaft
127	n/a	Idle Jet Assembly
128	n/a	Throttle Shaft Fiber O-Ring
129	n/a	Idle Speed Adjusting Screw
130	n/a	Idle Mixture Screw
131	n/a	Carburetor Body
132	n/a	Emulsion Tube

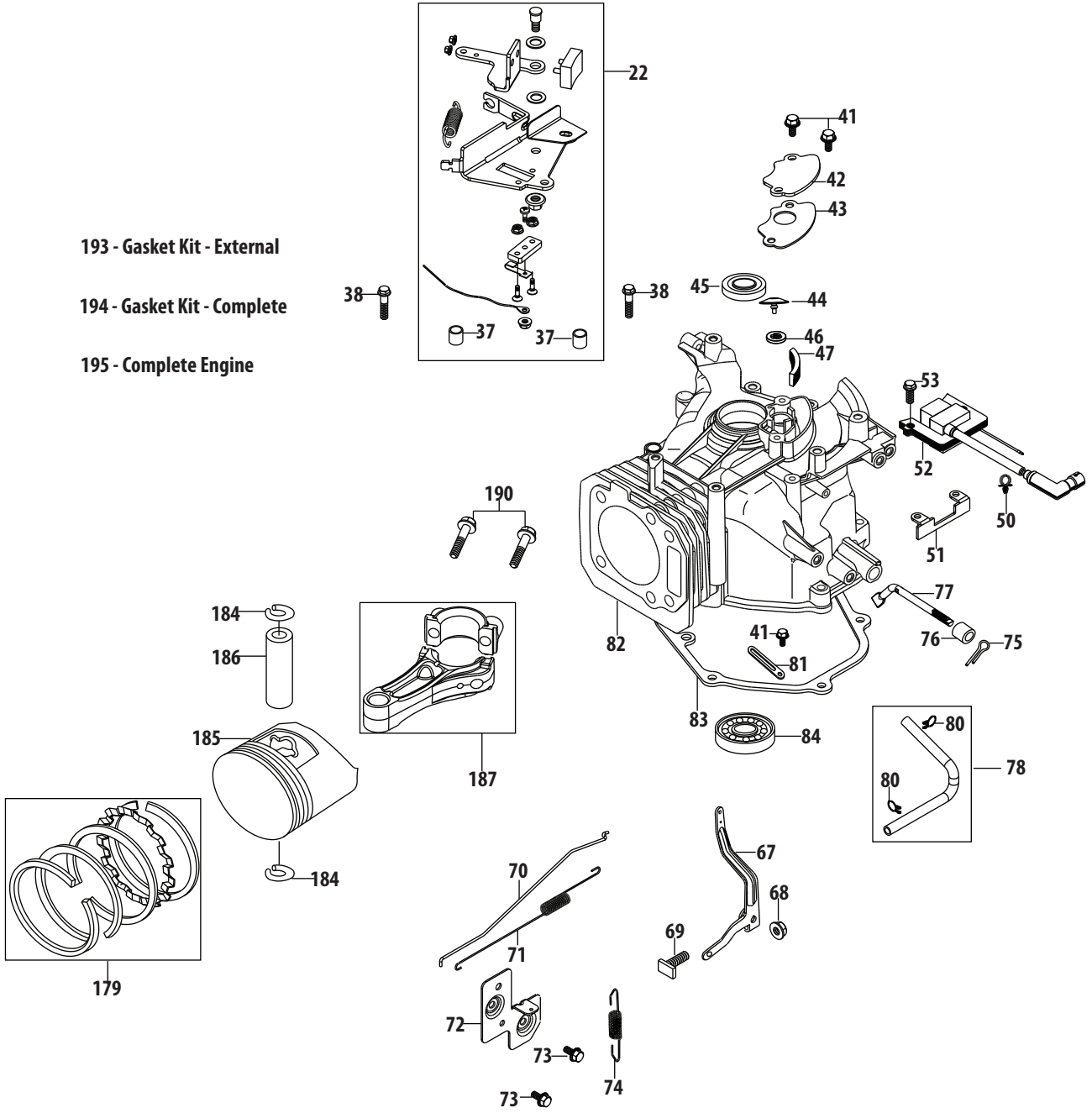
Ref.	Part Number	Description
133	n/a	Main Jet
134	951-11589	Fuel Bowl O-Ring
135	n/a	Needle Valve
136	n/a	Needle Valve Spring
137	n/a	Float
138	n/a	Float Pin
139	n/a	Fuel Bowl
140	951-11348	Fuel Bowl Gasket
141	710-04945	Fuel Bowl Mounting Bolt
142	710-04938	Fuel Drain Plug
143	951-11349	Fuel Drain Plug Gasket
144	951-11766	Carburetor Gasket
145	951-11255	Carburetor Insulator
146	951-11254	Carburetor Insulator Gasket
147	710-04981	Carb Stud M6X113
192	951-11773	Carburetor Kit - Major (Incl.118,129,132-138,140,143)

5P70MU Crankcase

193 - Gasket Kit - External

194 - Gasket Kit - Complete

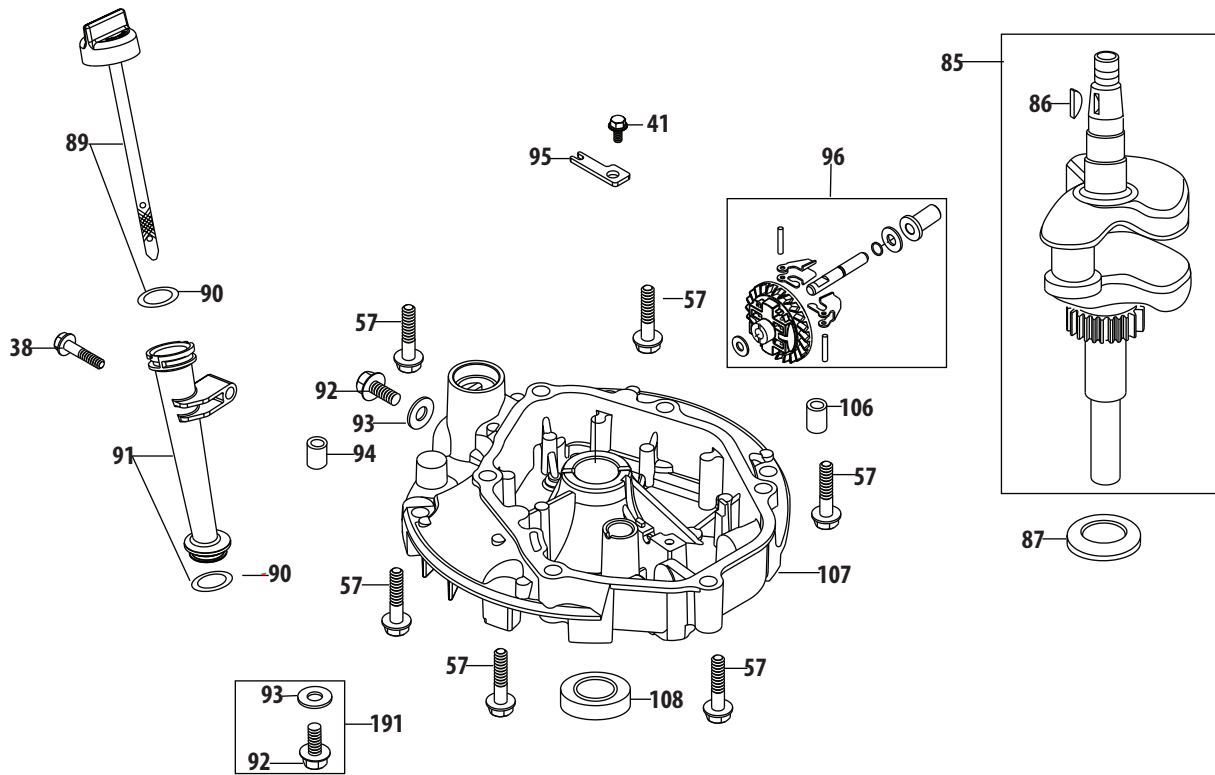
195 - Complete Engine



5P70MU Crankcase

Ref.	Part Number	Description	Ref.	Part Number	Description
22	951-10321A	Stop Switch & Brake Assy	76	951-11574	Governor Seal
37	750-05384	Brake Spacer	77	951-11608	Governor Arm Shaft
38	710-04980	Bolt M6X35	78	951-11260	Breather Hose Assembly
41	710-04916	Bolt M6X14 Multi-Purpose	80	726-04101	Breather Hose Clamp
42	951-12684	Breather Cover Plate	81	951-11622	Flexible Clamp
43	951-11613	Breather Gasket	82	951-12724	Short Block Assembly (Incl.41-47,57,75-77,82-85,87,90, 92-96,106-108,116,145,146,162,165, 174,175,177-179,184-187,190)
44	951-12685	Breather Valve			
45	951-11545	Upper Crankshaft Seal	83	951-11763	Crankcase Cover Gasket
46	951-12686	Breather Valve Base	84	951-11369	Main Bearing
47	951-11762	Breather Screen	179	951-12111	Piston Ring Set
50	951-11618	Ignition Wire Clip	184	951-11632	Piston Pin Snap Ring
51	951-11619	Ignition Coil Bracket	185	951-11634	Piston
52	951-10366	Ignition Coil Assembly	186	951-11633	Piston Pin
53	710-04979	Bolt M6X18	187	951-11768	Connecting Rod Assembly
67	951-11238	Governor Arm	190	710-05162	Connecting Rod Bolt
68	712-04212	Governor Arm Nut M6	193	951-11772	Gasket Kit - External (Incl.43,90,93,144,146,162,165)
69	710-04908	Governor Arm Bolt			
70	951-11259	Throttle Linkage	194	951-11770	Gasket Kit - Complete (Incl.43,45,76,83,90,93,108,114, 146,162,165,174)
71	951-11258	Throttle Linkage Spring			
72	951-11620	Component Bracket	195	752Z5P70MU	Complete Engine
73	710-04915	Bolt M6X12			
74	951-11273	Governor Spring			
75	714-04074	Governor Arm Shaft Cotter Pin			

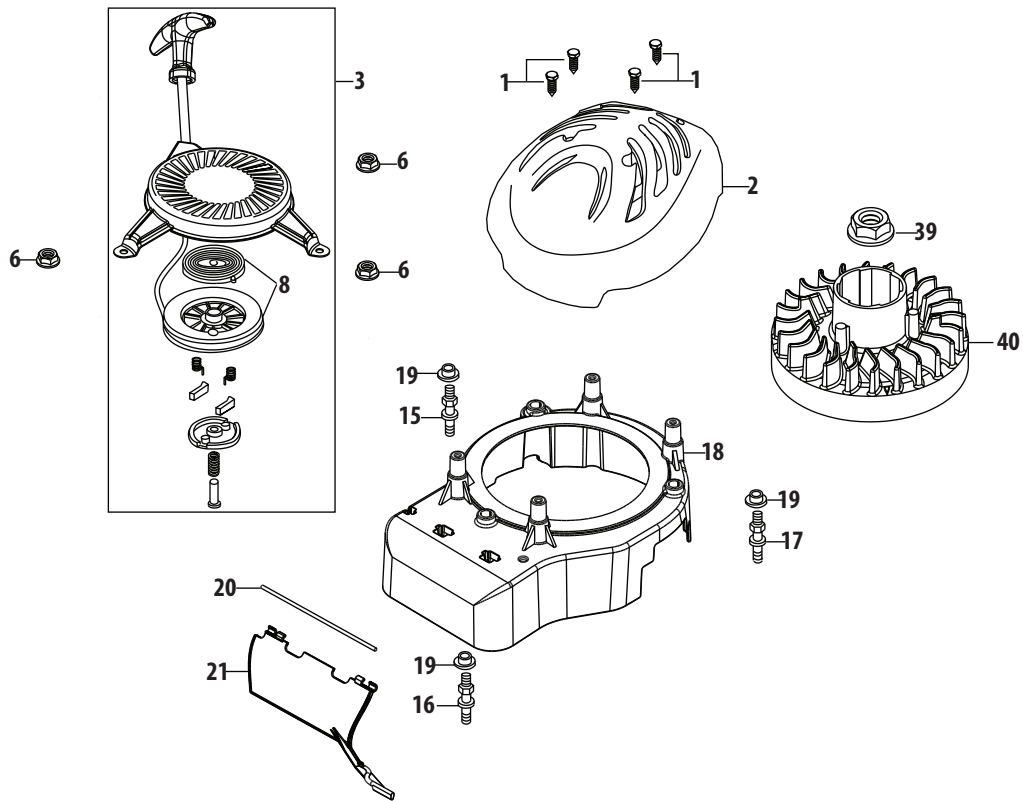
5P70MU Crankshaft & Crankcase Cover



Ref.	Part Number	Description
38	710-04980	Bolt M6X35
41	710-04916	Bolt M6X14 Multi-Purpose
57	710-04922	Bolt M8X50
85	951-11624	Crankshaft Assembly
86	951-10307	Woodruff Key
87	736-04491	Crankshaft Thrust Washer
89	951-11764B	Dipstick Assembly
90	951-11547	Dipstick / Oil Fill Tube O-Ring
91	951-11765A	Oil Filler Tube Assembly

Ref.	Part Number	Description
92	710-04906	Oil Drain Plug
93	736-04440	Oil Drain Plug Washer
94	715-04089	Crankcase Cover Dowel Pin 9x14
95	951-11625	Governor Gear Mounting Plate
96	951-11626	Governor Gear/Shaft Assembly
106	715-04092	Crankcase Cover Dowel Pin 7x14
107	951-11794	Crankcase Cover
108	951-11627	Lower Crankshaft Seal
191	951-10370	Oil Drain Plug & Washer Assy

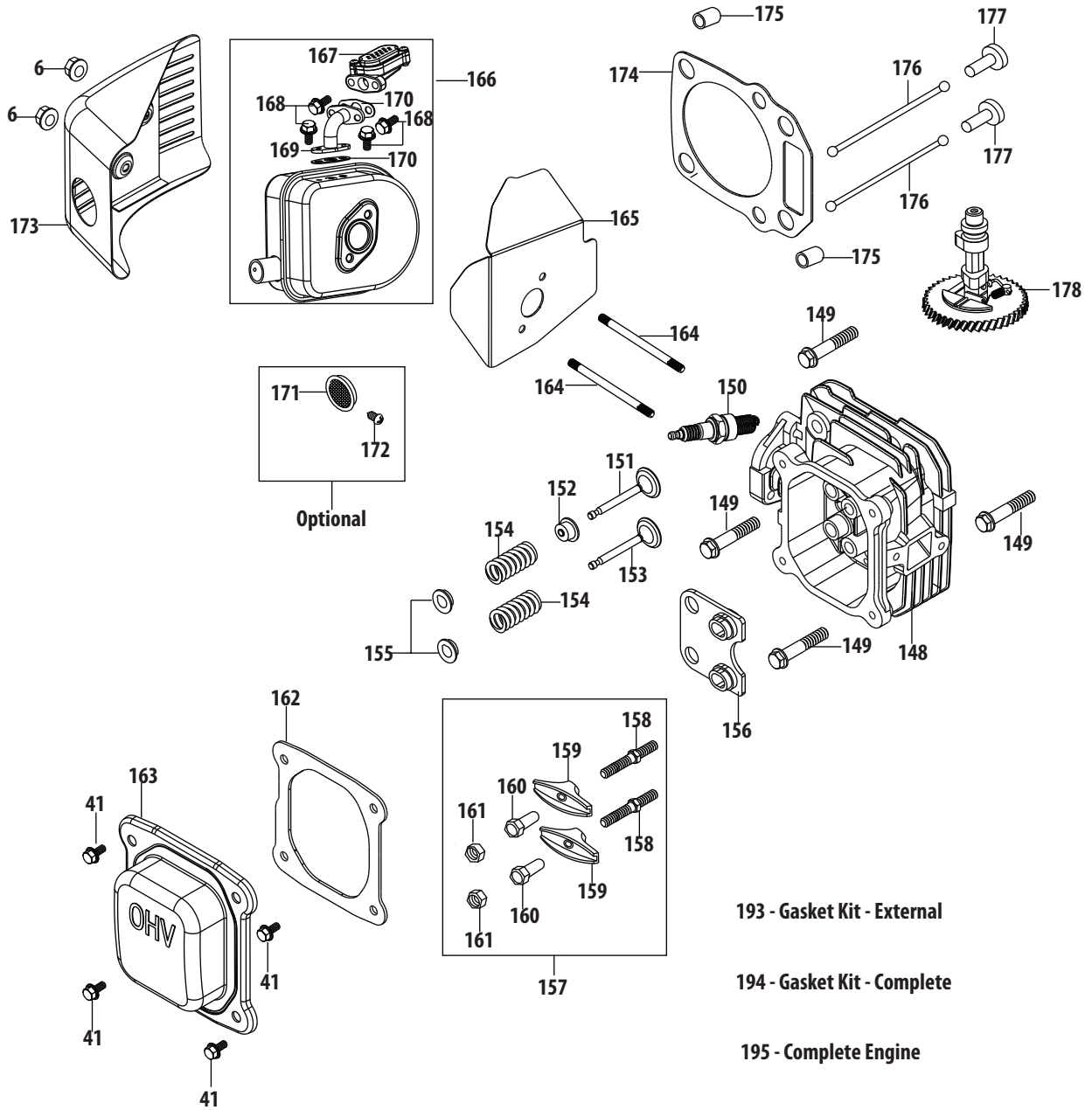
5P70MU Flywheel & Shroud



Ref.	Part Number	Description
1	710-04744	Screw, Hilo #12-16 X 1.00"
2		Outer Shroud (Model Specific)
3	951-12683	Recoil Starter Assembly
6	712-04212	Nut M6X10Mm
8	951-11721	Recoil Spring & Pulley Assy
15	710-04976	Stud Left/Black/Wh Zinc
16	710-04977	Stud Front/Unmarked/Wh Zinc

Ref.	Part Number	Description
17	710-04978	Stud Right/White/Wh Zinc
18	951-10764	Inner Shroud
19	750-05320	Engine Shroud Spacer
20	951-11610	Air Vane Shaft
21	951-11611	Air Vane
39	712-04287	Flywheel Nut M14
40	951-11046	Flywheel

5P70MU Cylinder Head



193 - Gasket Kit - External

194 - Gasket Kit - Complete

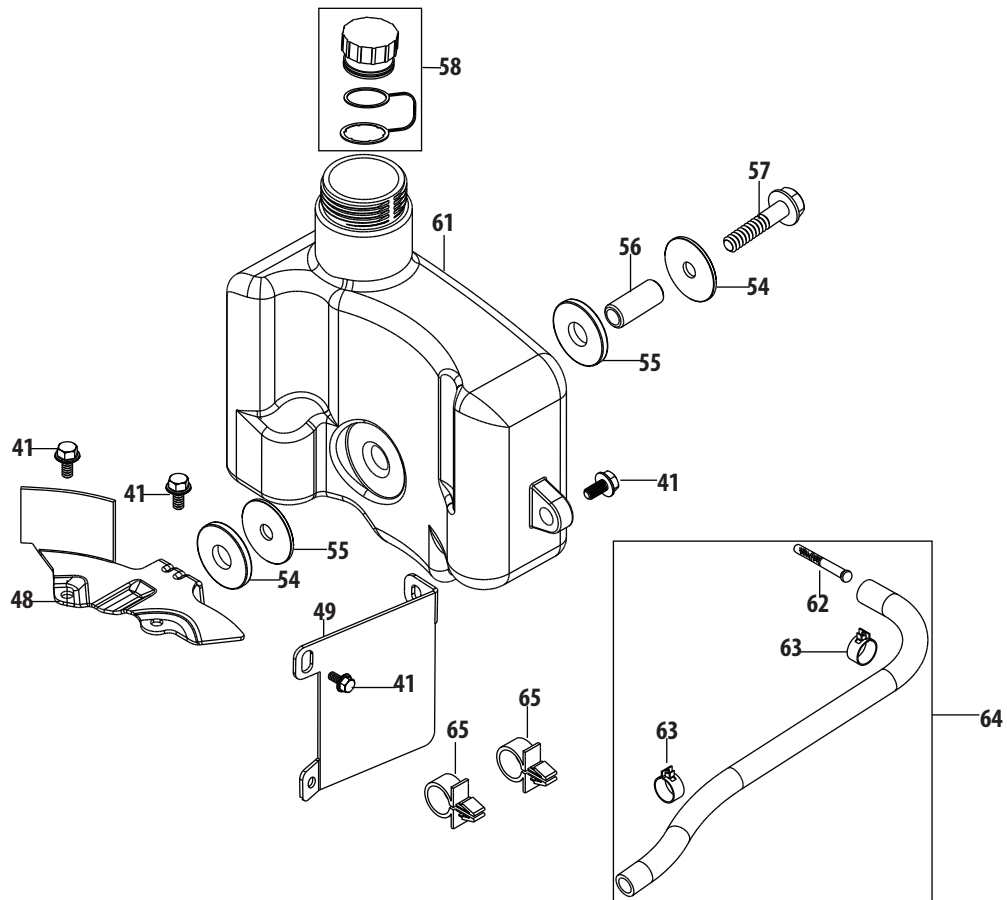
195 - Complete Engine

5P70MU Cylinder Head

Ref.	Part Number	Description
6	712-04212	Nut M6X10Mm
41	710-04916	Bolt M6X14 Multi-Purpose
148	951-10413A	Cylinder Head Assembly (Incl.145,146,148,151-156, 158-162,165,174)
149	710-04982	Bolt M8X54
150	951-10292	Spark Plug/F6Rtc
151	951-10345	Valve Kit
152	951-11818	Intake Valve Seal
153	951-10345	Valve Kit
154	951-12116	Valve Spring
155	951-12000	Valve Spring Retainer
156	951-11629	Push Rod Guide
157	951-11606	Rocker Arm Assembly
158	710-04902	Rocker Arm Stud
159	951-12001	Rocker Arm
160	751-11123	Fulcrum Nut
161	751-11124	Jam Nut
162	951-11551	Valve Cover Gasket
163	951-11548	Valve Cover
164	710-05094	Muffler Stud M6X95

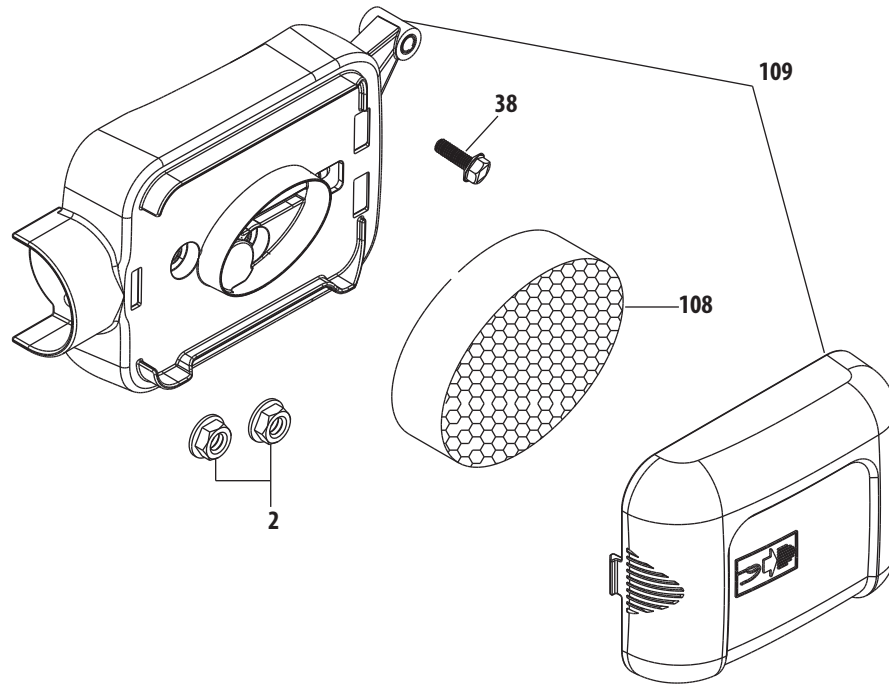
Ref.	Part Number	Description
164	951-10342	Muffler Stud Assemblby
165	951-11739	Muffler Gasket
166	751-12740	Muffler Assembly
167	751-12741	Secondary Air Valve
168	710-05434	Bolt M6x12
169	751-12742	Secondary Air Tube
170	751-12743	Secondary Air Valve Gasket
171	951-10351	Spark Arrestor
172	710-04983	Spark Arrestor Screw
173	751-12744	Muffler Shield
174	951-11630	Cylinder Head Gasket
175	715-04090	Cylinder Head Dowel Pin 10x16
176	751-10344	Push Rod Kit
177	951-11607	Tappet
178	951-11767	Camshaft Assembly
193	951-11772	Gasket Kit - External (Incl.43,90,93,144,146,162,165)
194	951-11770	Gasket Kit - Complete (Incl.43,45,76,83,90,93,108,114, 146,162,165,174)
195	752Z5P70MU	Complete Engine

5P70MU Fuel Tank & Mounting

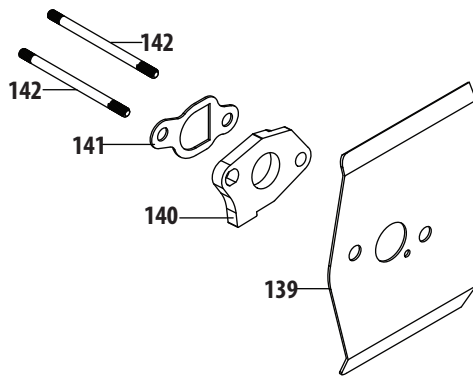


Ref.	Part Number	Description
41	710-04916	Bolt M6X14 Multi-Purpose
48	951-11616	Fuel Tank Bottom Bracket
49	951-11617	Fuel Tank / Label Bracket
54	736-04456	Fuel Tank Washer
55	951-10335	Rubber Bushing
56	750-05322	Fuel Tank Bushing
57	710-04922	Bolt M8X50
58	751-12738	Fuel Cap Assembly
61	751-12739	Fuel Tank Assembly
62	951-10358A	Fuel Filter
63	951-11700	Fuel Hose Clamp
64	951-10364	Fuel Line Kit
65	723-04071	Plastic Support Clamp

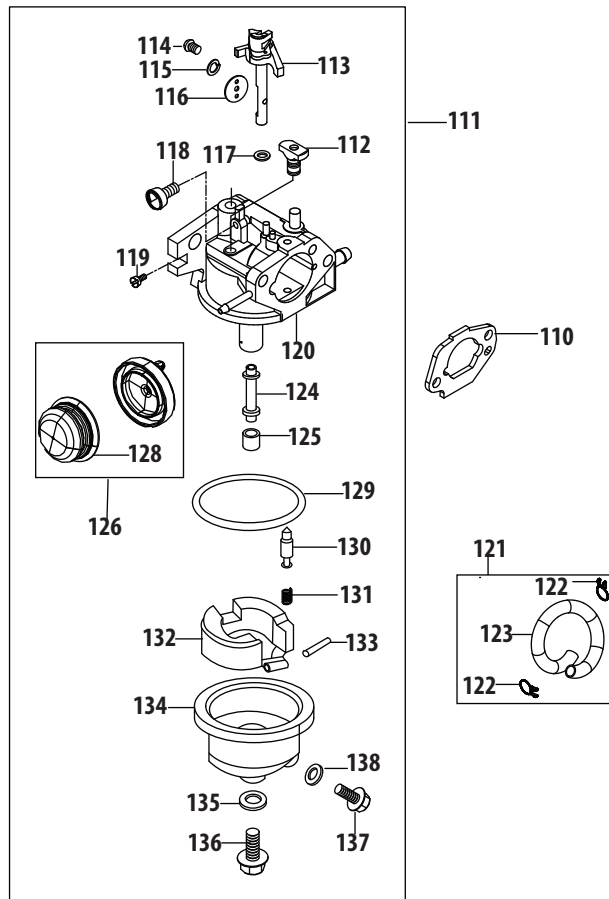
1P65NU Air Cleaner



Ref.	Part Number	Description
2	712-04212	Nut M6X10Mm
38	710-04969	Bolt M6X30
108	951-10732	Air Filter Element, Oval
109	951-10739	Air Filter Base



187 - Carburetor Kit



Ref.	Part Number	Description
110	951-11525	Carburetor Gasket Plate
111	951-11707	Carburetor Assembly
112	n/a	Idle Jet Assembly
113	n/a	Throttle Shaft
114	n/a	Screw M3X5
115	736-04638	Throttle Plate Lock Washer
116	n/a	Throttle Plate
117	n/a	Throttle Shaft Fiber O-Ring
118	n/a	Idle Speed Adjusting Screw
119	n/a	Idle Mixture Screw
120	n/a	Carburetor Body
121	951-11736	Primer Hose Assembly
122	723-04093	Primer Hose Clamp
123	n/a	Primer Hose
124	n/a	Emulsion Tube
125	n/a	Main Jet
126	951-10639A	Primer Assembly
127	n/a	Primer Base

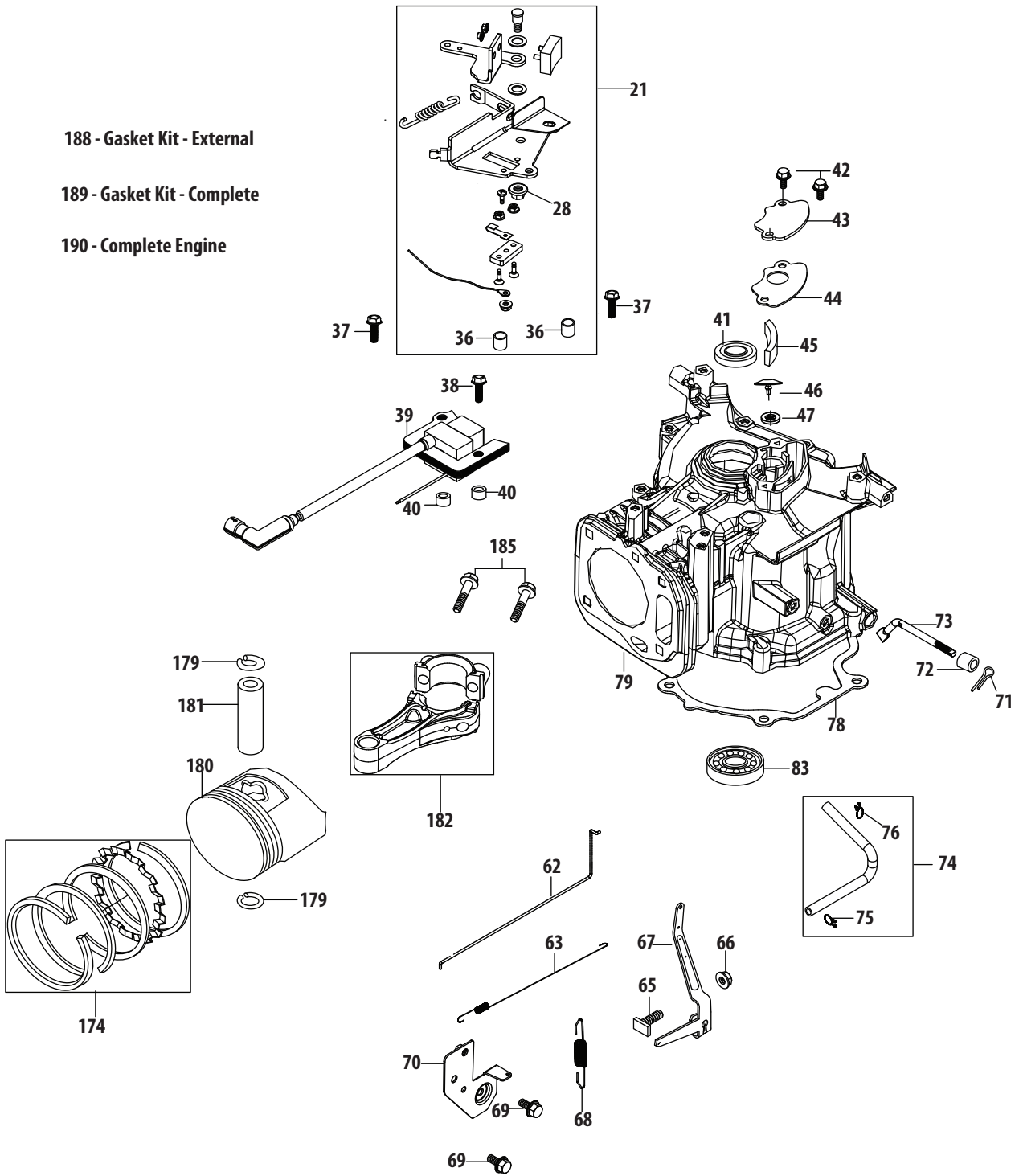
Ref.	Part Number	Description
128	951-11824	Primer Bulb
129	951-11589	Fuel Bowl O-Ring
130	n/a	Needle Valve
131	n/a	Needle Valve Spring
132	n/a	Float
133	n/a	Float Pin
134	n/a	Fuel Bowl
135	951-11348	Fuel Bowl Gasket
136	710-04945	Fuel Bowl Mounting Bolt
137	710-04938	Fuel Drain Plug
138	951-11349	Fuel Drain Plug Gasket
139	951-11737	Carburetor Gasket
140	951-11738	Carburetor Insulator
141	951-11528	Carburetor Insulator Gasket
142	710-05093	Carb Stud M6X92
187	951-12681	Carburetor Kit -Major (Incl.112,117,118,124,125, 129-133,135,138)

1P65NU Crankcase

188 - Gasket Kit - External

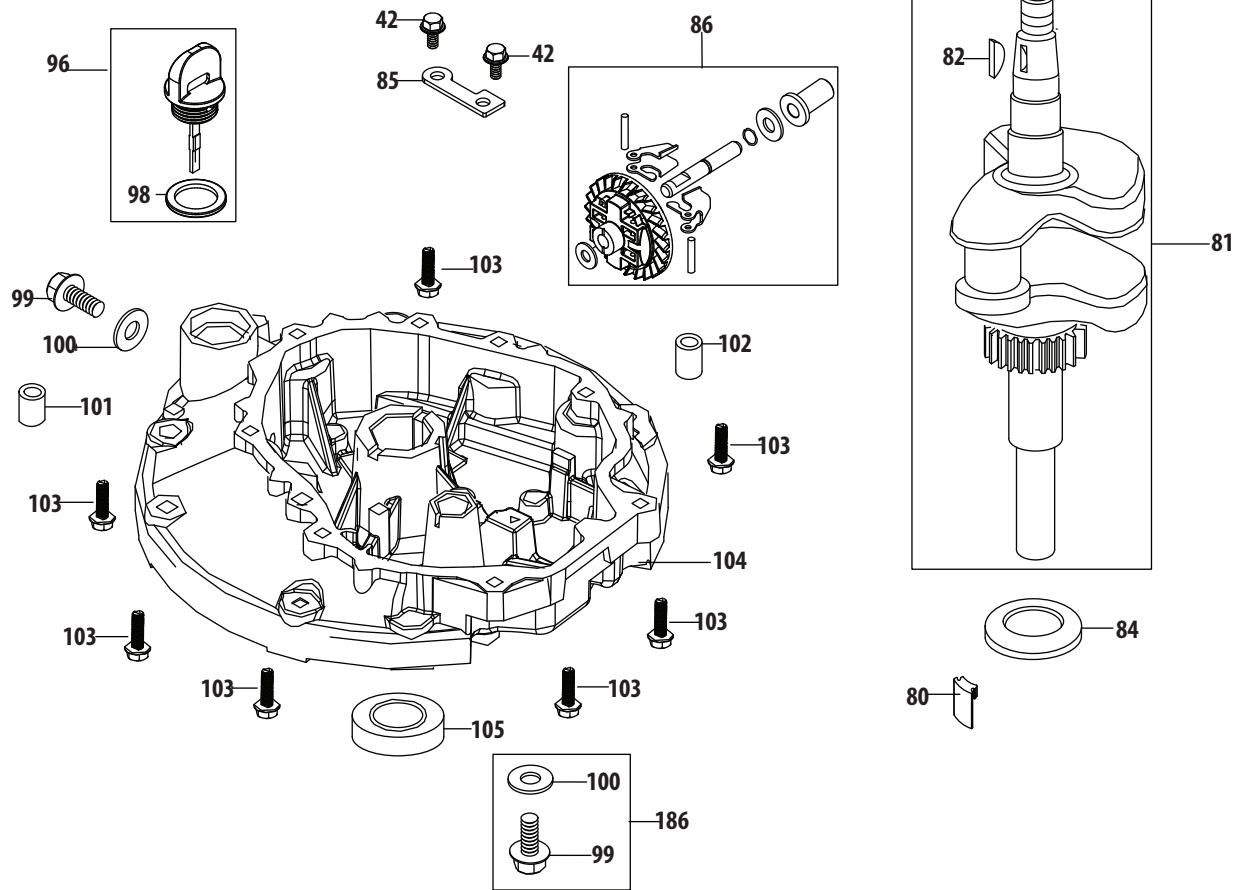
189 - Gasket Kit - Complete

190 - Complete Engine



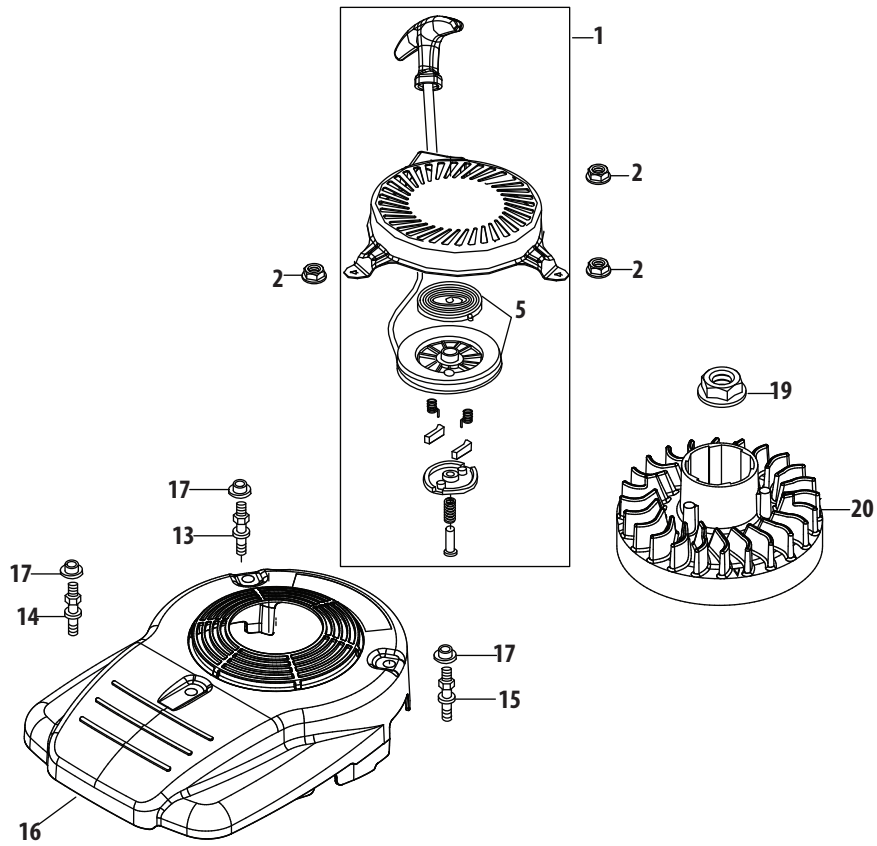
Ref.	Part Number	Description	Ref.	Part Number	Description
21	951-10740	Brake Assembly	73	951-11608	Governor Arm Shaft
28	712-04219	Brake Arm Nut	74	951-11725	Breather Hose Assembly
36	750-05384	Brake Spacer	75	726-04101	Breather Hose Clamp
37	710-04980	Bolt M6X35	76	726-04128	Breather Hose Clamp
38	710-04969	Bolt M6X30	77	951-11520	Breather Hose
39	951-10367	Ignition Coil Assembly	78	951-11732	Crankcase Cover Gasket
40	951-11675	Ignition Coil Spacer	79	951-12430A	Short Block Assembly (Incl.41-47,71-73,78-86,99-105,110, 140,141,156,160,169,170,172-174, 179-182,185)
41	951-11596	Upper Crankshaft Seal			
42	710-04916	Bolt	83	951-11369	Main Bearing
43	951-12684	Breather Cover Plate	174	951-11688	Piston Ring Set
44	951-11729	Breather Gasket	179	951-11603	Piston Pin Snap Ring
45	951-11730	Breather Screen	180	951-11605	Piston
46	951-12685	Breather Valve	181	951-11604	Piston Pin
47	951-12686	Breather Valve Base	182	951-11744	Connecting Rod Assembly
62	951-11521	Throttle Linkage	185	710-05162	Connecting Rod Bolt
63	951-11522	Throttle Linkage Spring	188	951-11710	Gasket Kit - External (Incl.44,98,100,139-141,156,160)
65	710-04908	Governor Arm Bolt	189	951-11709	Gasket Kit - Complete (Incl.41,44,72,78,98,100,105, 139-141,156,160,169)
66	712-04212	Governor Arm Nut M6			
67	951-11523	Governor Arm	190	952Z1P65NU	Complete Engine
68	951-11273	Governor Spring			
69	710-04915	Bolt M6X12			
70	951-11544	Component Bracket			
71	714-04074	Governor Arm Shaft Cotter Pin			
72	951-11574	Governor Seal			

1P65NU Crankshaft & Crankcase Cover



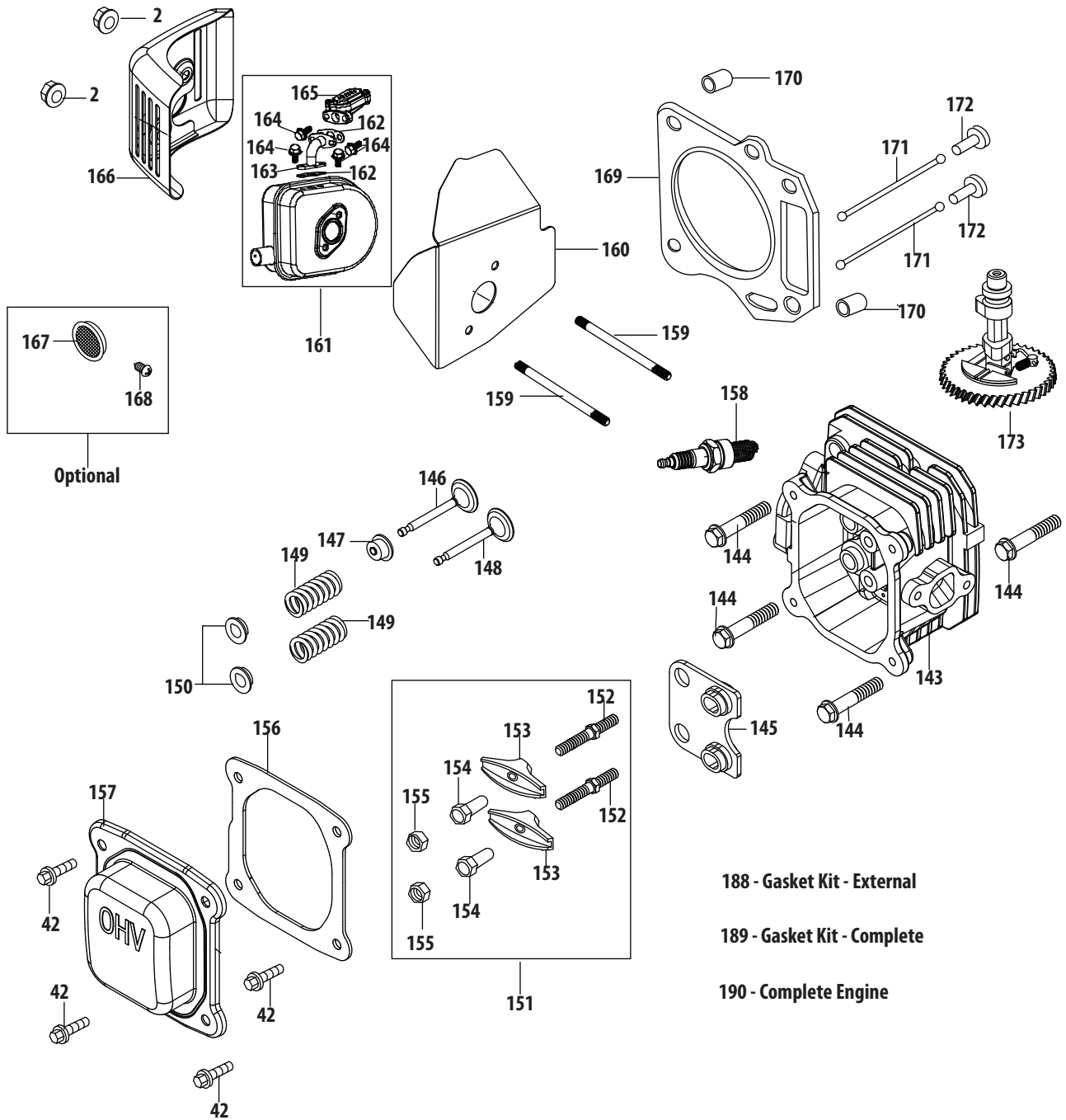
Ref.	Part Number	Description
42	710-04916	Bolt
80	951-11733	Oil Return Seal
81	951-11682	Crankshaft Assembly
82	951-10307	Flywheel Key
84	736-04491	Crankshaft Thrust Washer
85	951-11609	Governor Gear Mounting Plate
86	951-11549	Governor Gear/Shaft Assembly
96	951-10617	Dipstick Assembly
98	951-11734	Dipstick O-Ring

Ref.	Part Number	Description
99	710-04906	Oil Drain Plug
100	736-04440	Oil Drain Plug Washer
101	715-04089	Crankcase Cover Dowel Pin 9x14
102	715-04092	Crankcase Cover Dowel Pin 7x14
103	710-04920	Bolt M6X28
104	951-11823	Crankcase Cover
105	951-11545	Lower Crankshaft Seal
186	951-10370	Oil Drain Plug And Washer Ass'y



Ref.	Part Number	Description
1	951-12683	Recoil Starter Assembly
2	712-04212	Nut M6X10Mm
5	951-11721	Recoil Spring
13	751-11722	Stud Left/Black/Ye Zinc
14	951-11723	Stud Front/Unmarked/Ye Zinc
15	951-11724	Stud Right/White/Ye Zinc
16	731-05692	Engine Shroud Only
16	951-12876	Engine Shroud Assy (Incl. 17)
17	750-05320	Engine Shroud Spacer
19	712-04287	Flywheel Nut M14
20	951-11043	Flywheel

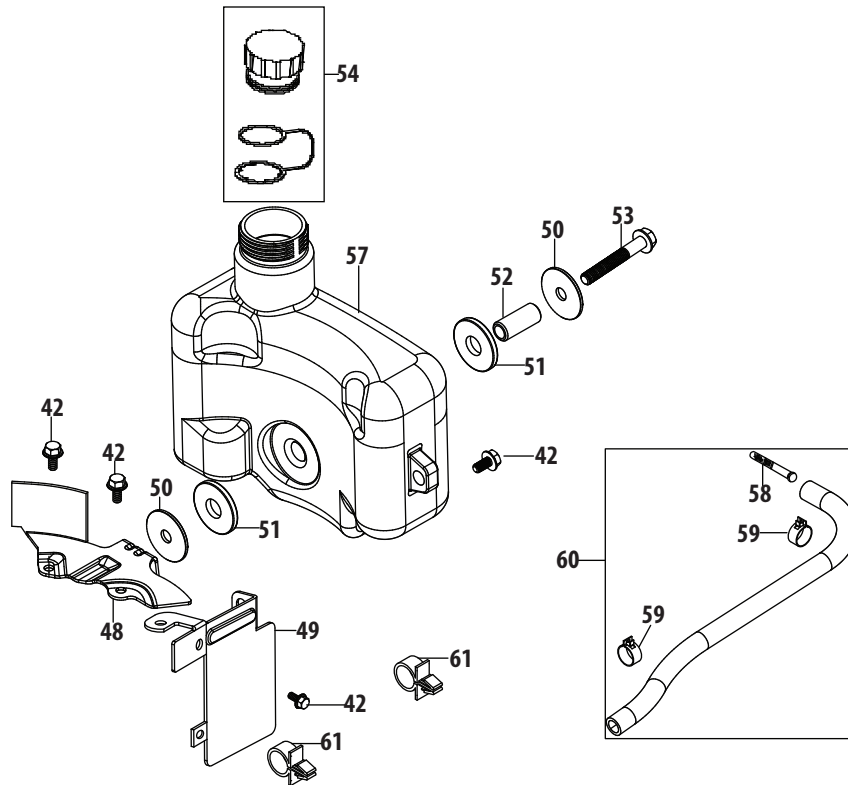
1P65NU Cylinder Head



1P65NU Cylinder Head

Ref.	Part Number	Description	Ref.	Part Number	Description
2	712-04212	Nut M6X10Mm	159	710-05094	Muffler Stud M6X95
42	710-04916	Bolt	159	951-10342	Muffler Stud Assemblby
143	951-10846A	Cylinder Head Service Kit (Incl.144,147,156,169)	160	951-11739	Muffler Gasket
	951-11746	Cylinder Head Ass'y (Incl.140,141,143,146-150, 152-156,160,169)	161	951-12740	Muffler Assembly
144	710-04982	Bolt M8X54 Cylinder Head	162	951-12743	Secondary Air Valve Gasket
145	951-11687	Push Rod Guide	163	951-12742	Secondary Air Tube
146	951-10313	Intake Valve	164	710-05434	Bolt M6x12
147	951-11818	Intake Valve Seal	165	951-12865	Secondary Air Valve
148	951-10313	Exhaust Valve	166	951-12744	Muffler Shield
149	951-12004	Valve Spring	167	951-10351	Spark Arrestor
150	951-11977	Valve Spring Retainer	168	710-04983	Spark Arrestor Screw
151	951-11606	Rocker Arm Assembly	169	951-11555	Cylinder Head Gasket
152	710-04902	Rocker Arm Stud	170	715-04108	Cylinder Head Dowel Pin 10x16
153	951-12001	Rocker Arm	171	951-10314	Push Rod
154	751-11123	Fulcrum Nut	172	951-11607	Tappet
155	751-11124	Jam Nut	173	951-11741	Camshaft Assembly
156	951-11551	Valve Cover Gasket	188	951-11710	Gasket Kit - External (Incl.44,98,100,139-141,156,160)
157	951-11548	Valve Cover	189	951-11709	Gasket Kit - Complete (Incl.41,44,72,78,98,100,105, 139-141,156,160,169)
158	951-10292	Spark Plug/F6Rtc	190	952Z1P65NU	Complete Engine

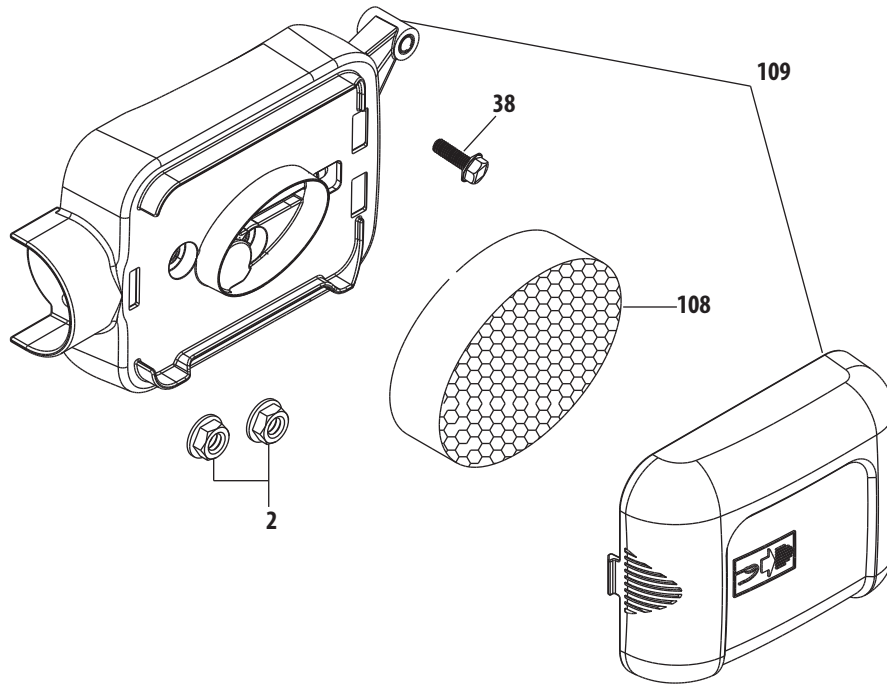
1P65NU Fuel Tank



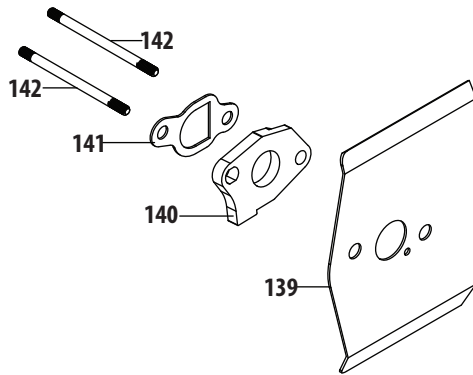
Ref.	Part Number	Description
42	710-04916	Bolt
48	951-11542	Fuel Tank Bottom Bracket
49	951-11748	Fuel Tank / Label Bracket
50	736-04456	Fuel Tank Washer
51	951-10335	Rubber Bushing
52	750-05322	Fuel Tank Bushing
53	710-04922	Bolt M8X50
54	951-12738	Fuel Cap Assembly
57	951-12864	Fuel Tank Assembly
58	951-10358A	Fuel Filter
59	951-11731	Fuel Hose Clamp
60	951-10363	Fuel Line Kit
61	723-04071	Plastic Support Clamp

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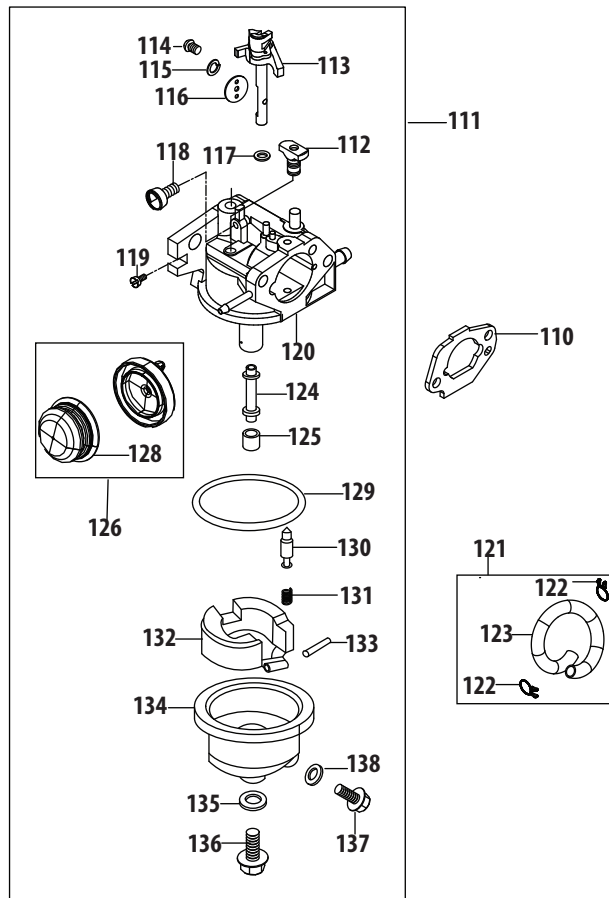
1P65BU Air Cleaner



Ref.	Part Number	Description
2	712-04212	Nut M6X10Mm
38	710-04969	Bolt M6X30
108	951-10732	Air Filter Element, Oval
109	951-10739	Air Filter Base



187 - Carburetor Kit



Ref.	Part Number	Description
110	951-11525	Carburetor Gasket Plate
111	951-11707	Carburetor Assembly
112	n/a	Idle Jet Assembly
113	n/a	Throttle Shaft
114	n/a	Screw M3X5
115	736-04638	Throttle Plate Lock Washer
116	n/a	Throttle Plate
117	n/a	Throttle Shaft Fiber O-Ring
118	n/a	Idle Speed Adjusting Screw
119	n/a	Idle Mixture Screw
120	n/a	Carburetor Body
121	951-11736	Primer Hose Assembly
122	723-04093	Primer Hose Clamp
123	n/a	Primer Hose
124	n/a	Emulsion Tube
125	n/a	Main Jet
126	951-10639A	Primer Assembly
127	n/a	Primer Base

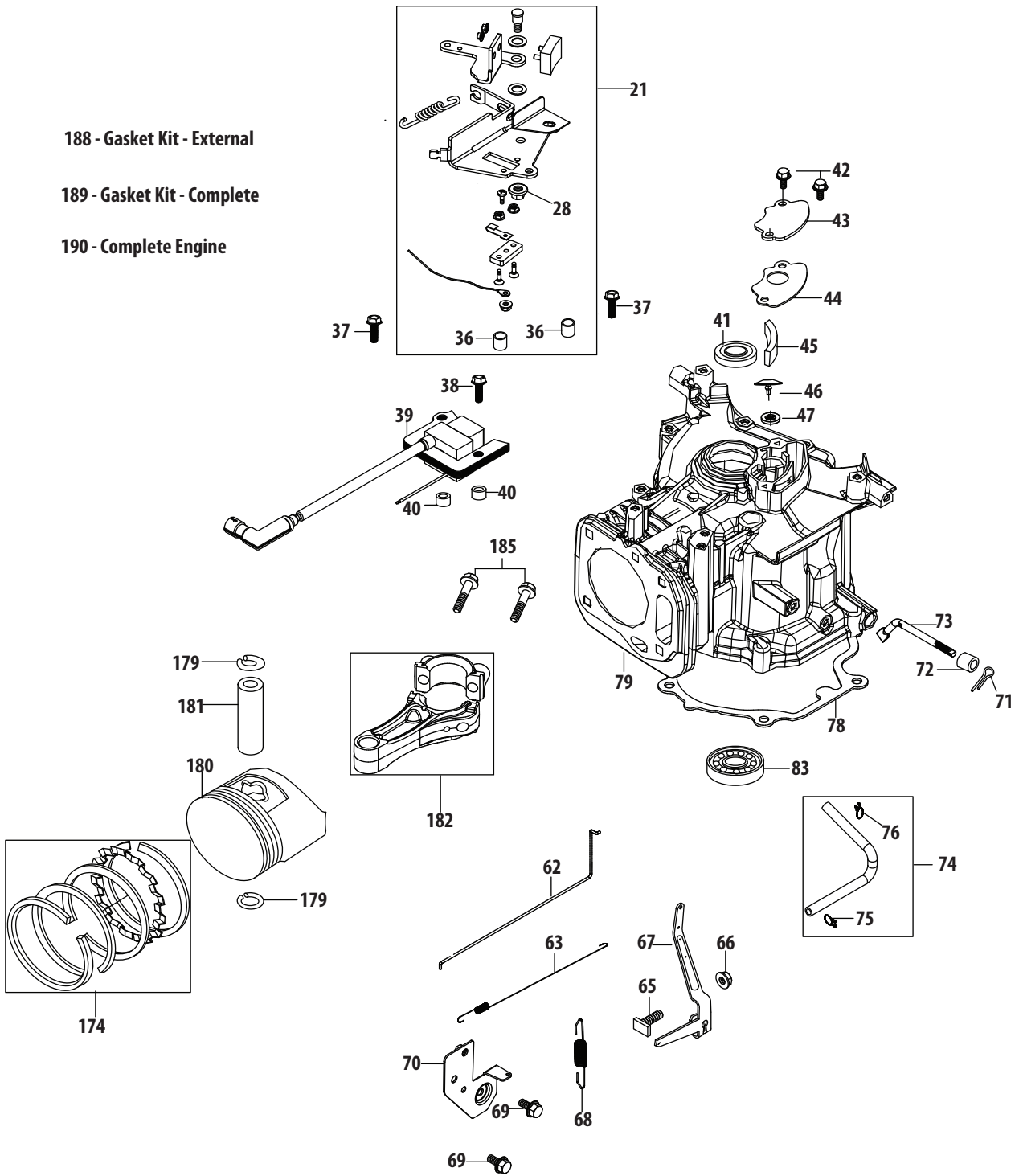
Ref.	Part Number	Description
128	951-11824	Primer Bulb
129	951-11589	Fuel Bowl O-Ring
130	n/a	Needle Valve
131	n/a	Needle Valve Spring
132	n/a	Float
133	n/a	Float Pin
134	n/a	Fuel Bowl
135	951-11348	Fuel Bowl Gasket
136	710-04945	Fuel Bowl Mounting Bolt
137	710-04938	Fuel Drain Plug
138	951-11349	Fuel Drain Plug Gasket
139	951-11737	Carburetor Gasket
140	951-11738	Carburetor Insulator
141	951-11528	Carburetor Insulator Gasket
142	710-05093	Carb Stud M6X92
187	951-12681	Carburetor Kit -Major (Incl.112,117,118,124,125, 129-133,135,138)

1P65BU Crankcase

188 - Gasket Kit - External

189 - Gasket Kit - Complete

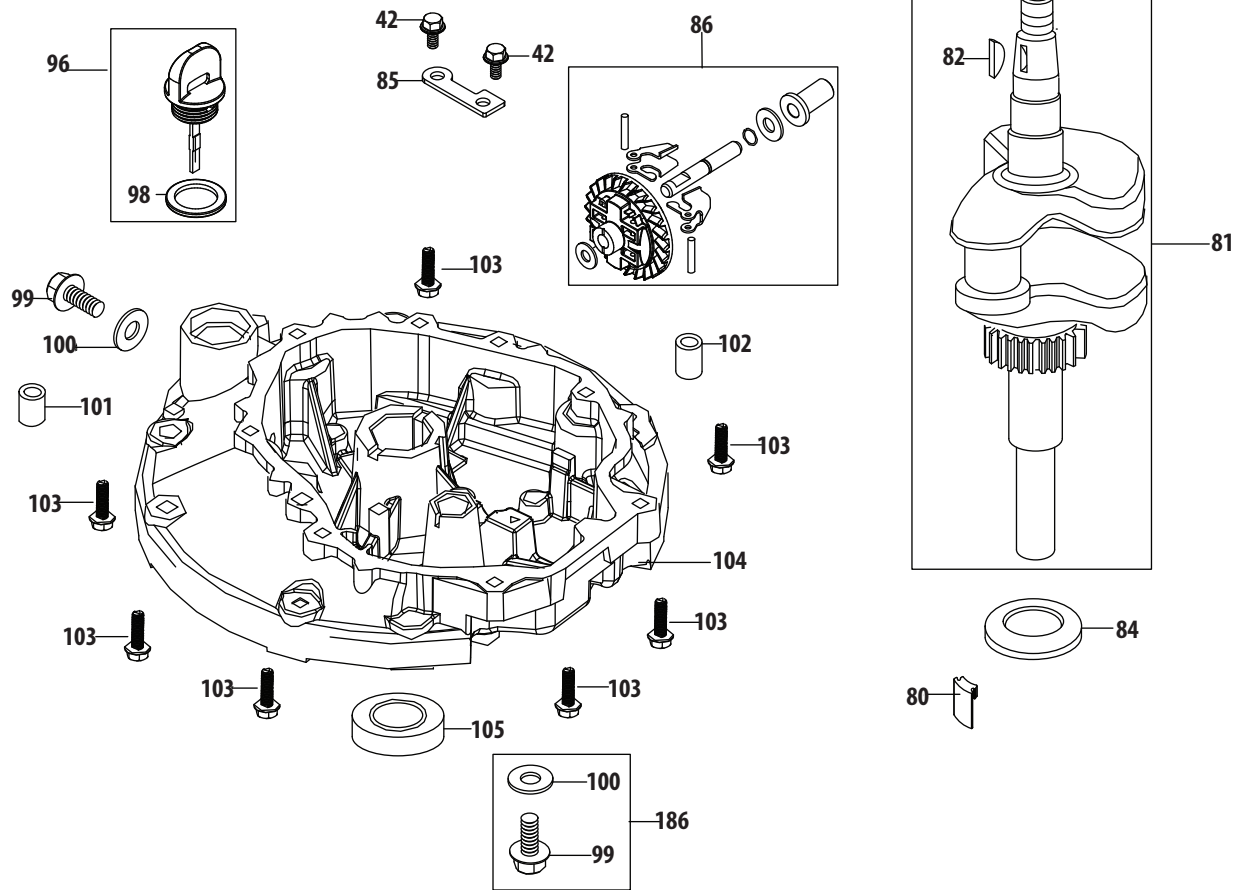
190 - Complete Engine



1P65BU Crankcase

Ref.	Part Number	Description	Ref.	Part Number	Description
21	951-10740	Brake Assembly	73	951-11608	Governor Arm Shaft
28	712-04219	Brake Arm Nut	74	951-11725	Breather Hose Assembly
36	750-05384	Brake Spacer	75	726-04101	Breather Hose Clamp
37	710-04980	Bolt M6X35	76	726-04128	Breather Hose Clamp
38	710-04969	Bolt M6X30	77	951-11520	Breather Hose
39	951-10367	Ignition Coil Assembly	78	951-11732	Crankcase Cover Gasket
40	951-11675	Ignition Coil Spacer	79	951-12682	Short Block Assembly (Incl.41-47,71-73,78-86,99-105,110, 140,141,156,160,169,170,172-174, 179-182,185)
41	951-11596	Upper Crankshaft Seal			
42	710-04916	Bolt	83	951-11369	Main Bearing
43	951-12684	Breather Cover Plate	174	951-11688	Piston Ring Set
44	951-11729	Breather Gasket	179	951-11603	Piston Pin Snap Ring
45	951-11730	Breather Screen	180	951-11605	Piston
46	951-12685	Breather Valve	181	951-11604	Piston Pin
47	951-12686	Breather Valve Base	182	951-11744	Connecting Rod Assembly
62	951-11521	Throttle Linkage	185	710-05162	Connecting Rod Bolt
63	951-11522	Throttle Linkage Spring	188	951-11710	Gasket Kit - External (Incl.44,98,100,139-141,156,160)
65	710-04908	Governor Arm Bolt	189	951-11709	Gasket Kit - Complete (Incl.41,44,72,78,98,100,105, 139-141,156,160,169)
66	712-04212	Governor Arm Nut M6			
67	951-11523	Governor Arm	190	952Z1P65BU	Complete Engine
68	951-11273	Governor Spring			
69	710-04915	Bolt M6X12			
70	951-11544	Component Bracket			
71	714-04074	Governor Arm Shaft Cotter Pin			
72	951-11574	Governor Seal			

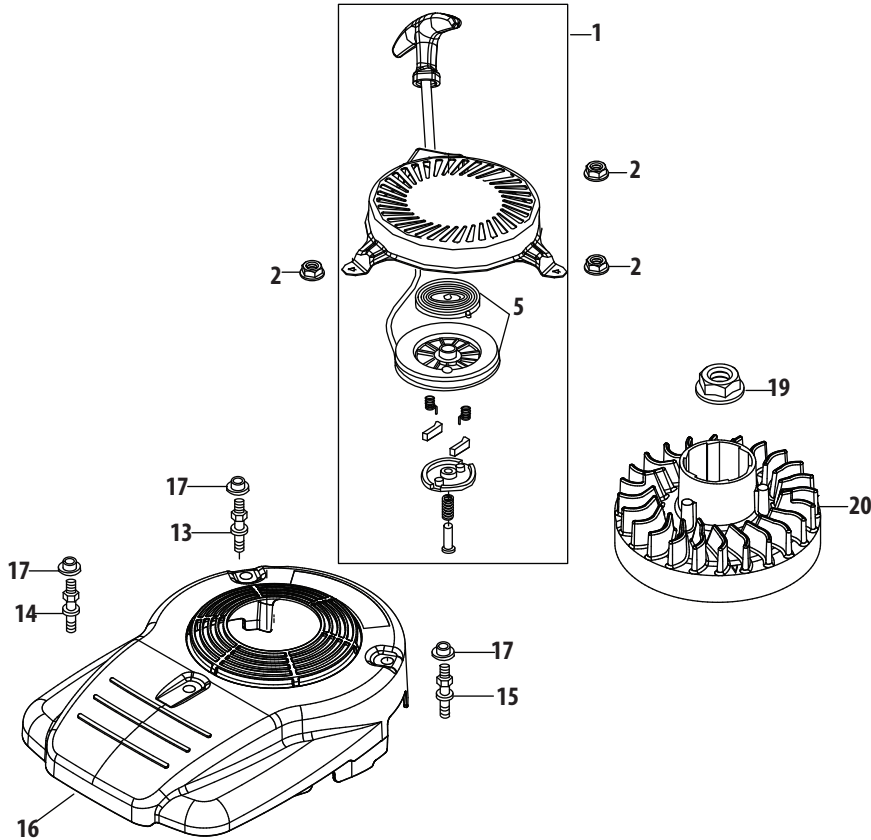
1P65BU Crankshaft & Crankcase Cover



Ref.	Part Number	Description
42	710-04916	Bolt
80	951-11733	Oil Return Seal
81	951-11591	Crankshaft Assembly
82	951-10307	Flywheel Key
84	736-04491	Crankshaft Thrust Washer
85	951-11609	Governor Gear Mounting Plate
86	951-11549	Governor Gear/Shaft Assembly
96	951-10617	Dipstick Assembly
98	951-11734	Dipstick O-Ring

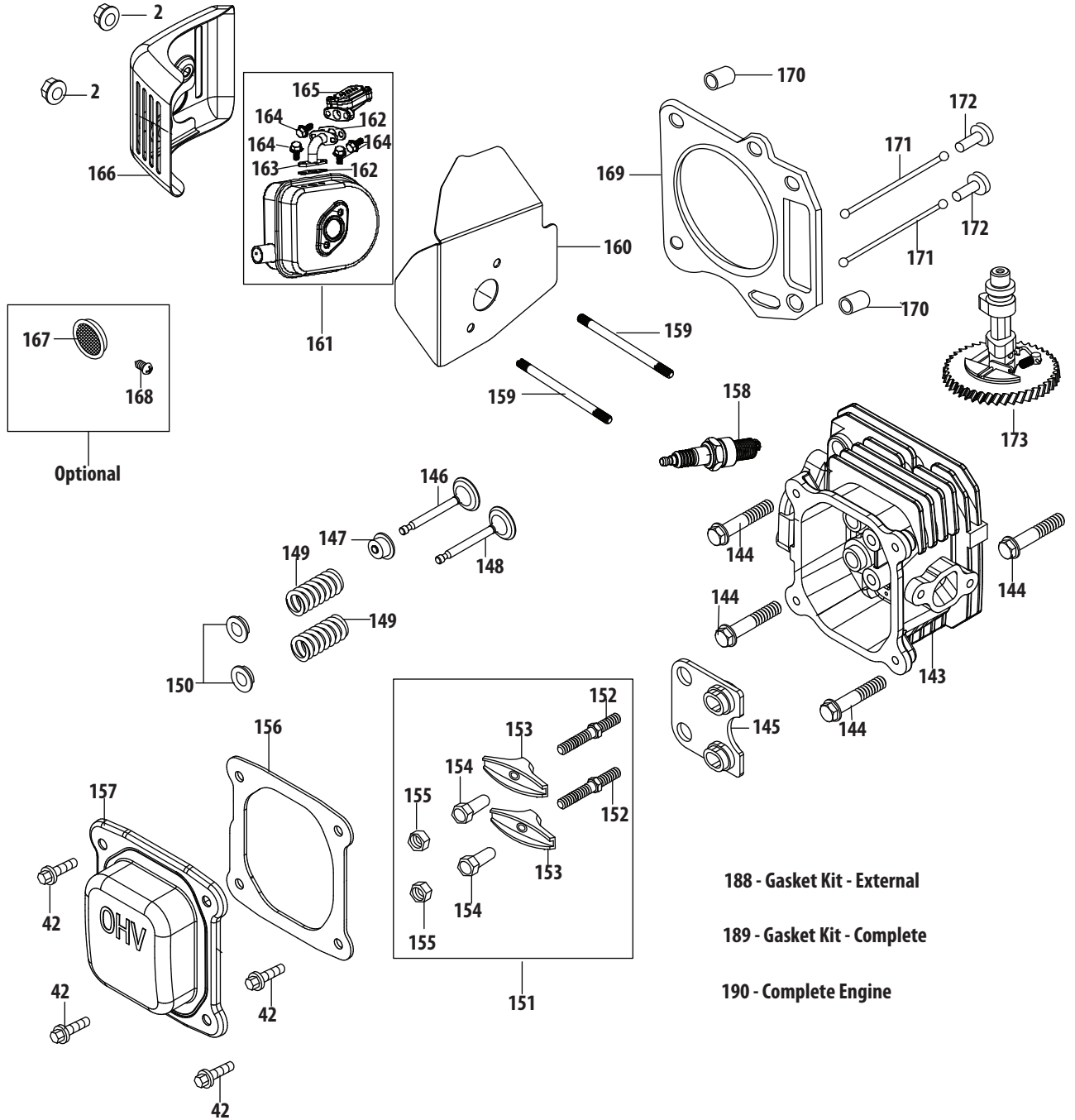
Ref.	Part Number	Description
99	710-04906	Oil Drain Plug
100	736-04440	Oil Drain Plug Washer
101	715-04089	Crankcase Cover Dowel Pin 9x14
102	715-04092	Crankcase Cover Dowel Pin 7x14
103	710-04920	Bolt M6X28
104	951-11823	Crankcase Cover
105	951-11545	Lower Crankshaft Seal
186	951-10370	Oil Drain Plug And Washer Ass'y

1P65BU Flywheel & Shroud



Ref.	Part Number	Description
1	951-12683	Recoil Starter Assembly
2	712-04212	Nut M6X10Mm
5	951-11721	Recoil Spring
13	751-11722	Stud Left/Black/Ye Zinc
14	951-11723	Stud Front/Unmarked/Ye Zinc
15	951-11724	Stud Right/White/Ye Zinc
16	731-05692	Engine Shroud Only
16	951-12876	Engine Shroud Assy (Incl. 17)
17	750-05320	Engine Shroud Spacer
19	712-04287	Flywheel Nut M14
20	951-11043	Flywheel

1P65BU Cylinder Head



188 - Gasket Kit - External

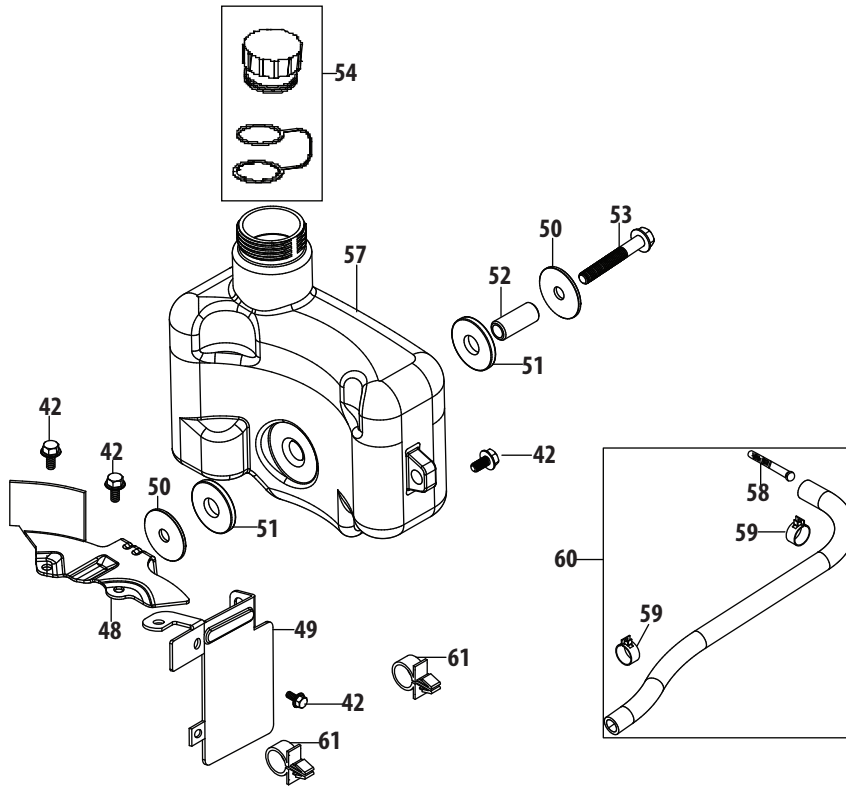
189 - Gasket Kit - Complete

190 - Complete Engine

1P65BU Cylinder Head

Ref.	Part Number	Description	Ref.	Part Number	Description
2	712-04212	Nut M6X10Mm	159	710-05094	Muffler Stud M6X95
42	710-04916	Bolt	159	951-10342	Muffler Stud Assemblby
143	951-10846A	Cylinder Head Service Kit (Incl.144,147,156,169)	160	951-11739	Muffler Gasket
	951-11746	Cylinder Head Ass'y (Incl.140,141,143,146-150, 152-156,160,169)	161	951-12740	Muffler Assembly
144	710-04982	Bolt M8X54 Cylinder Head	162	951-12743	Secondary Air Valve Gasket
145	951-11687	Push Rod Guide	163	951-12742	Secondary Air Tube
146	951-10313	Intake Valve	164	710-05434	Bolt M6x12
147	951-11818	Intake Valve Seal	165	951-12865	Secondary Air Valve
148	951-10313	Exhaust Valve	166	951-12744	Muffler Shield
149	951-12004	Valve Spring	167	951-10351	Spark Arrestor
150	951-11977	Valve Spring Retainer	168	710-04983	Spark Arrestor Screw
151	951-11606	Rocker Arm Assembly	169	951-11555	Cylinder Head Gasket
152	710-04902	Rocker Arm Stud	170	715-04108	Cylinder Head Dowel Pin 10x16
153	951-12001	Rocker Arm	171	951-10314	Push Rod
154	751-11123	Fulcrum Nut	172	951-11607	Tappet
155	751-11124	Jam Nut	173	951-11741	Camshaft Assembly
156	951-11551	Valve Cover Gasket	188	951-11710	Gasket Kit - External (Incl.44,98,100,139-141,156,160)
157	951-11548	Valve Cover	189	951-11709	Gasket Kit - Complete (Incl.41,44,72,78,98,100,105, 139-141,156,160,169)
158	951-10292	Spark Plug/F6Rtc	190	952Z1P65BU	Complete Engine

1P65BU Fuel Tank



Ref.	Part Number	Description
42	710-04916	Bolt
48	951-11542	Fuel Tank Bottom Bracket
49	951-11748	Fuel Tank / Label Bracket
50	736-04456	Fuel Tank Washer
51	951-10335	Rubber Bushing
52	750-05322	Fuel Tank Bushing
53	710-04922	Bolt M8X50
54	951-12738	Fuel Cap Assembly
57	951-12864	Fuel Tank Assembly
58	951-10358A	Fuel Filter
59	951-11731	Fuel Hose Clamp
60	951-10363	Fuel Line Kit
61	723-04071	Plastic Support Clamp



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