

YARD MATE™

ILLUSTRATED PARTS BOOK

173cc Front Tine Tiller

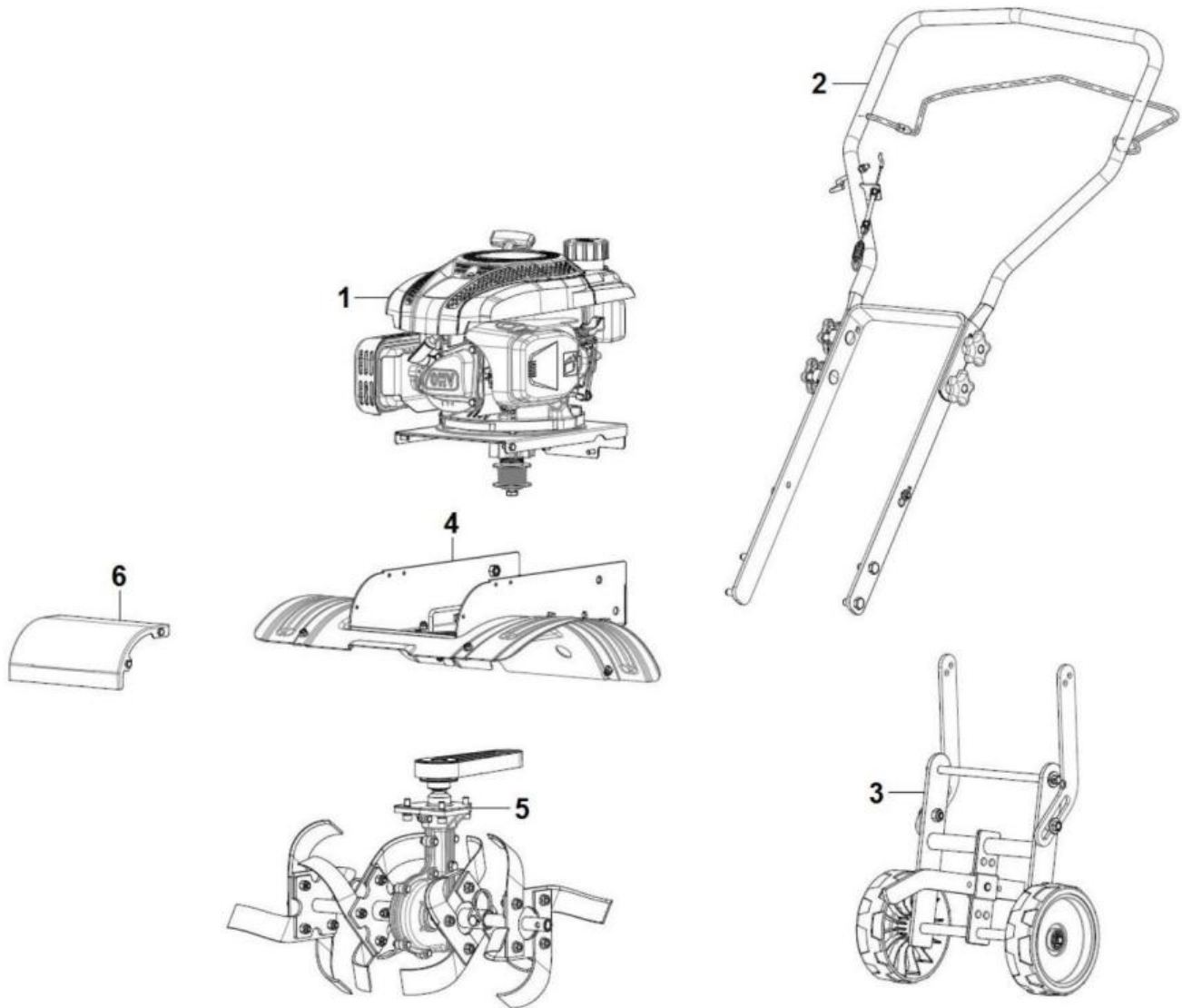
YFTT173



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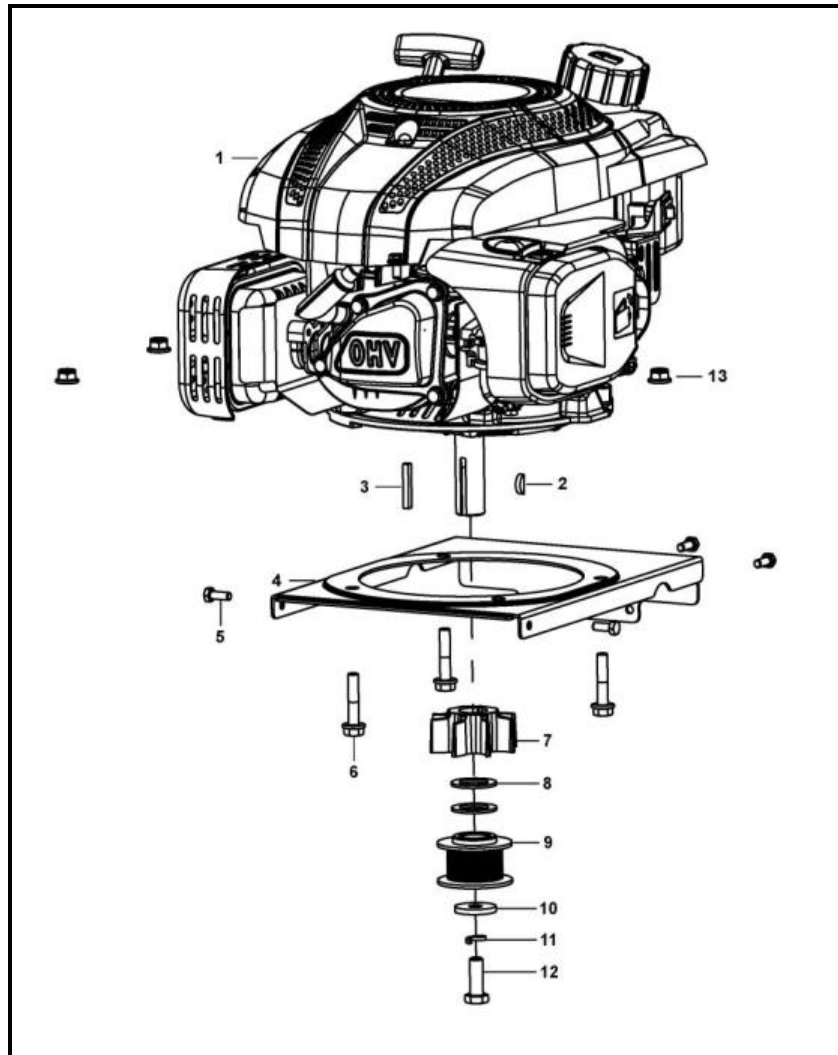
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Top Level Assembly



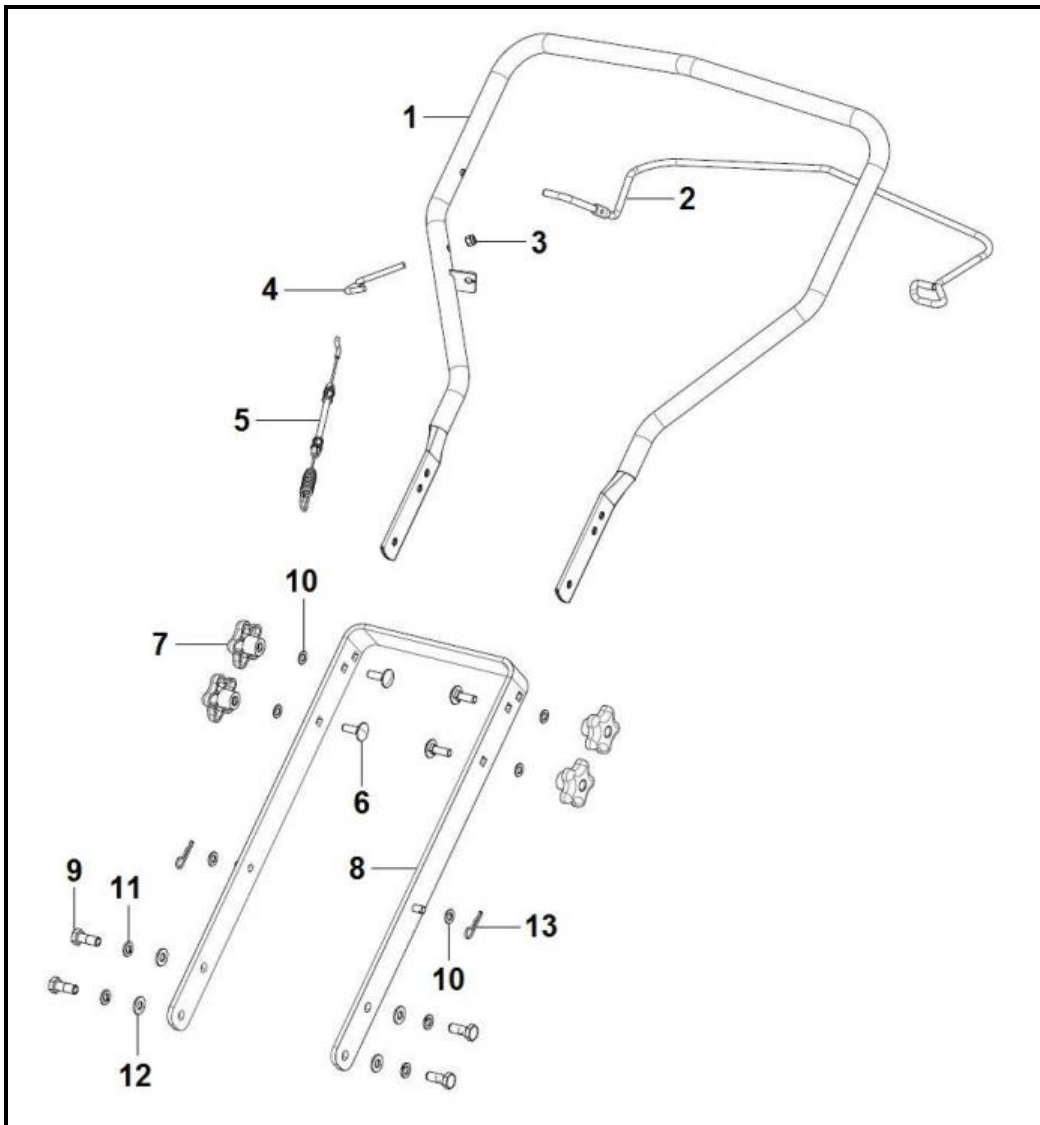
REF. NO.	DESCRIPTION	PART NO.	QTY
1	Engine-Top Level Assembly	See Page 4	1
2	Handle Assembly	See Page 6	1
3	Swing Plate Assembly	See Page 8	1
4	Base Assembly	See Page 9	1
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Engine – Top Level Assembly



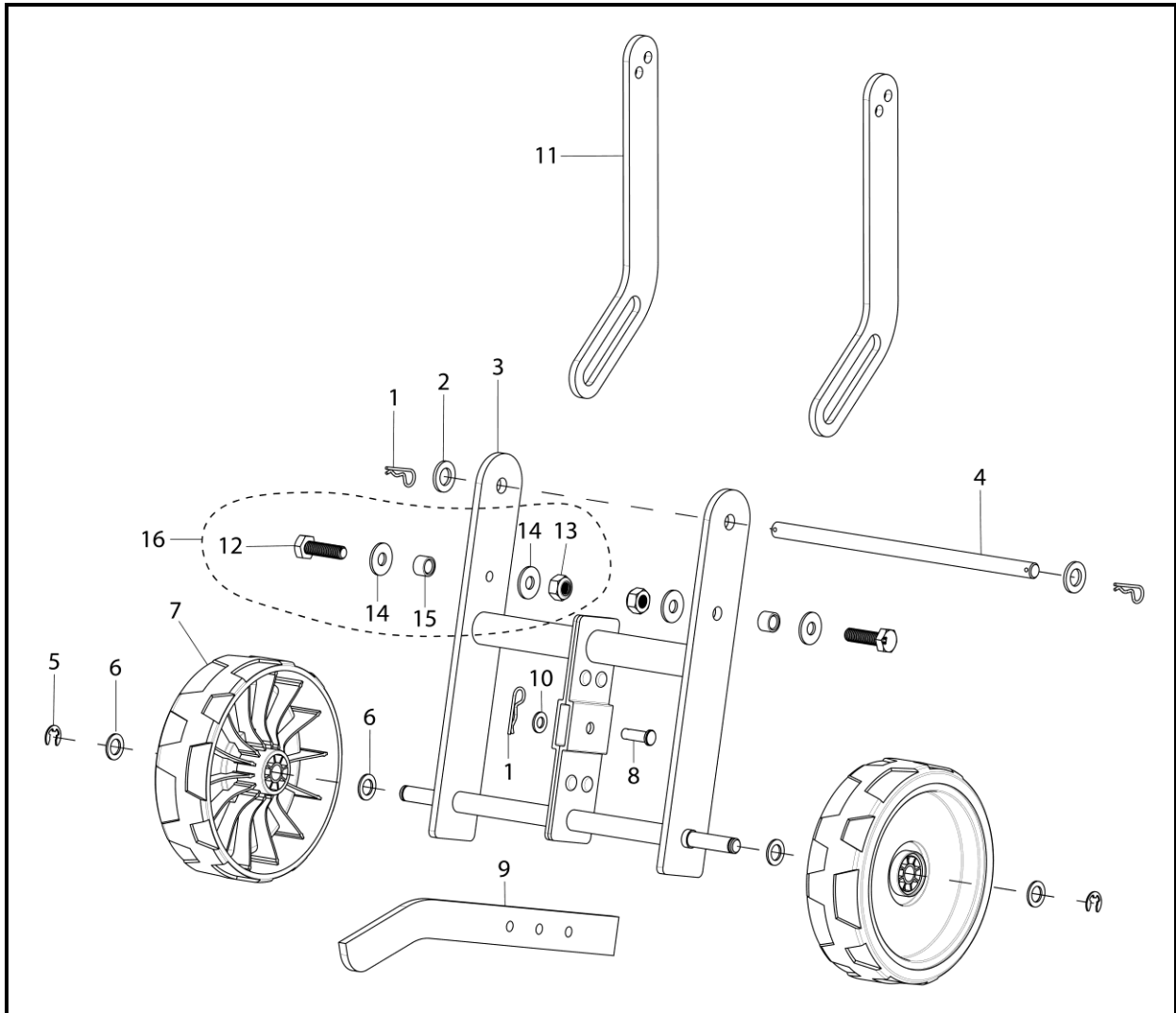
REF. NO.	DESCRIPTION	PART NO.	QTY
1	Engine, 173cc	A204495	1
2	Key, 4 x 6.5 x 16, Woodruff	A200663	1
3	Key, 4.75 x 5 x 35, Engine	A200715	1
4	Plate, Engine, Powermate Orange	A203379	1
5	Screw, M6 x 1.0 x 16, Hex Head, Yellow Zinc, Grade 8.8	Reference Only	4
6	Screw, M8 x 1.25 x 40, HFH, Yellow Zinc, Grade 8.8	Reference Only	3
7	Fan, Pulley	A200714	1
8	Flat Washer, 22.2 x 35 x 1.5	A203380	2
9	Pulley	A203381	1
10	Flat Washer, 10 x 32 x 4, Yellow Zinc	A200717	1
11	Lock Washer, M10, Yellow Zinc	A200531	1
12	Screw, 3/8-24 x 1.5", Hex Head, Yellow Zinc	A203417	1
13	Nut, M8 x 1.25, Hex Flange, Yellow Zinc	Reference Only	3

Handle Assembly



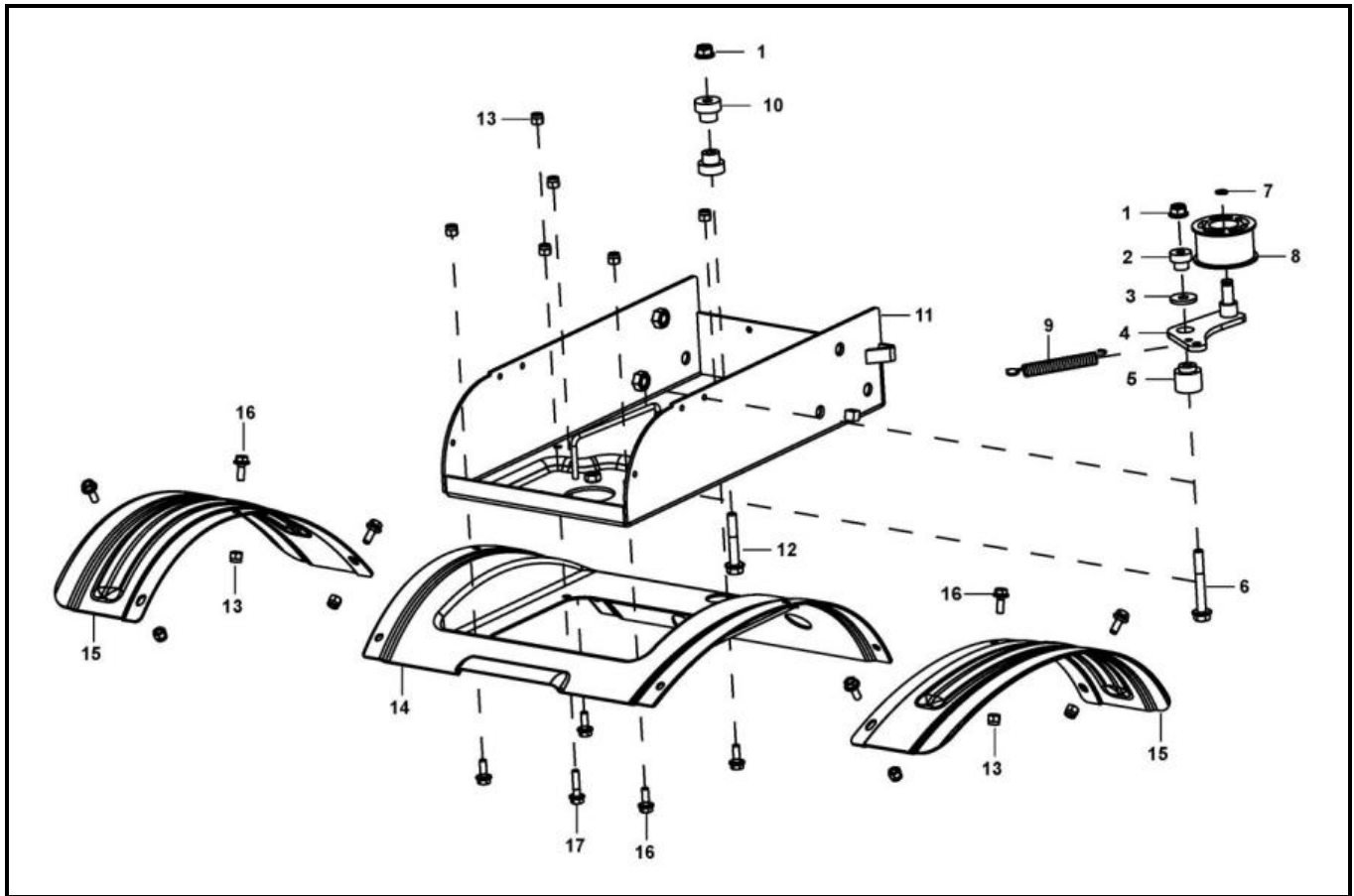
REF. NO.	DESCRIPTION	PART NO.	QTY
1	Handle, Upper	A202952	1
2	Bail, Engagement	A202953	1
3	Nut, M6 x 1.0, Hex, Black Zinc	<i>Reference Only</i>	1
4	Guide, Rope	A203153	1
5	Cable, Clutch	A203438	1
6	Screw, M8 x 1.25 x 25, Carriage, Yellow Zinc	<i>Reference Only</i>	4
7	Knob, Handle	A200486	4
8	Handle, Lower	A203818	1
9	Screw, M10 x 1.5 x 25, Hex, Yellow Zinc, Grade 8.8	<i>Reference Only</i>	4
10	Flat Washer, M8, Yellow Zinc	<i>Reference Only</i>	6
11	Lock Washer, M10, Yellow Zinc	<i>Reference Only</i>	4
12	Flat Washer, M10, Yellow Zinc	<i>Reference Only</i>	4
13	Pin, Cotter, Ø2 x 37	A200671	2

Swing Plate Assembly



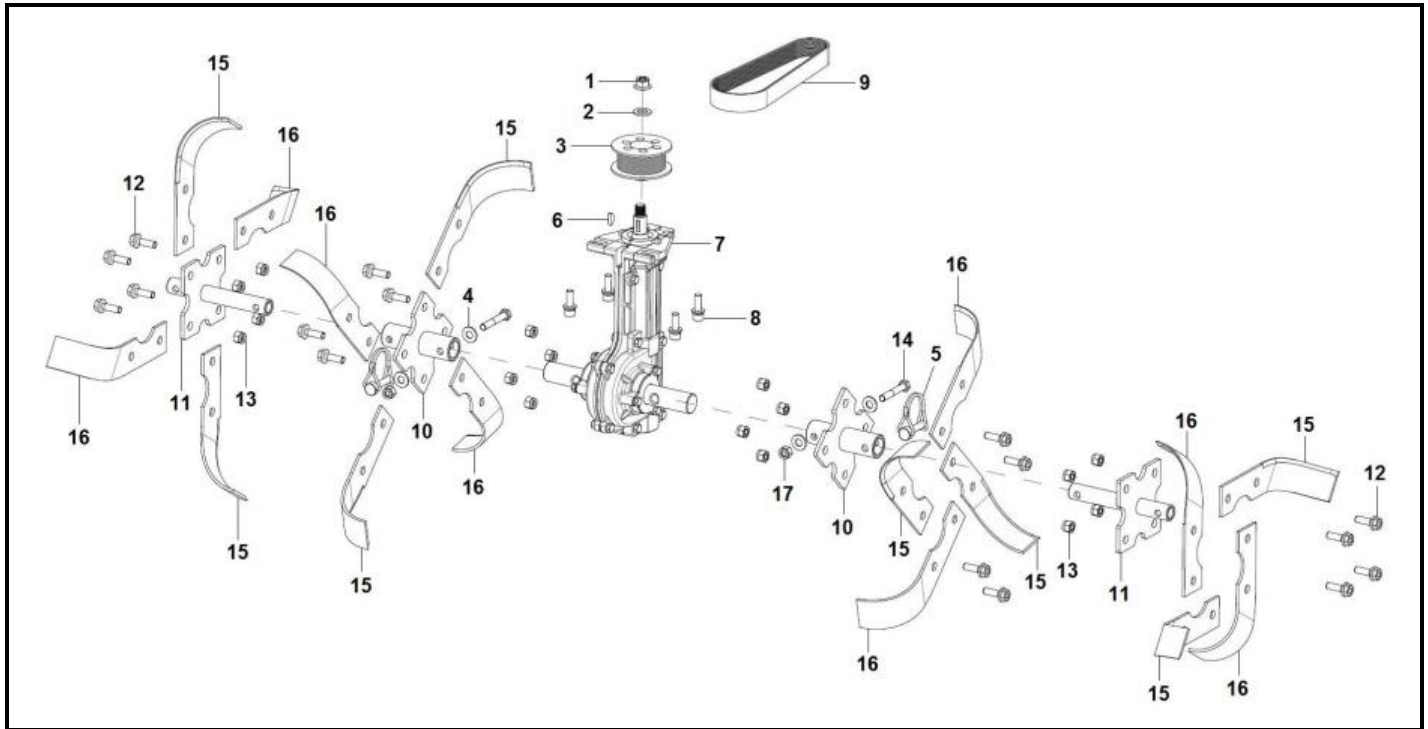
REF. NO.	DESCRIPTION	PART NO.	QTY
1	Pin, Cotter, Ø2 x 37	A200671	3
2	Flat Washer, M12, Yellow Zinc	A200689	2
3	Assembly, Swing Plate, Black	A204496	1
4	Axle, Swing Plate	A200691	1
5	C Clip, Black Oxide	A203404	2
6	Flat Washer, 12.5 x 21 x 1.5, Yellow Zinc	A203405	4
7	Wheel, 7"	A203384	2
8	Pin, 8 x 20, Yellow Zinc	A203406	1
9	Bar, Drag, Three Hole	A200378	1
10	Flat Washer, M8, Yellow Zinc	Reference Only	1
11	Bracket, Adjustment, Orange	A204497	2
12	Screw, M10 x 1.5 x 30, Shoulder	Reference Only	2
13	Lock Nut, M10 x 1.5, Hex with Nylon Insert	Reference Only	2
14	Flat Washer, M10, Yellow Zinc	Reference Only	4
15	Bushing	Reference Only	2
16	Kit, Screw Assembly (Includes Items #12-15)(1 set)	A203817	2

Base Assembly



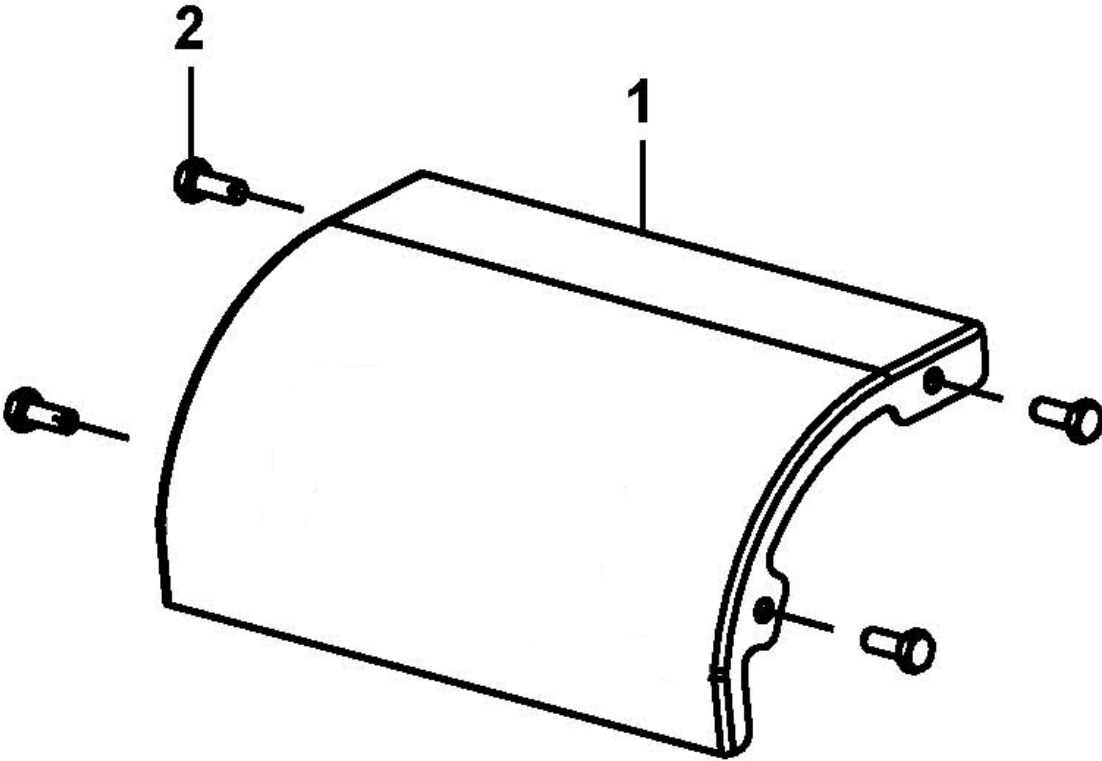
REF. NO.	DESCRIPTION	PART NO.	QTY
1	Lock Nut, M8 x 1.25, Yellow Zinc	A100450	2
2	Bushing, Belt	A203418	1
3	Flat Washer, M8 x 22 x 2, Yellow Zinc	A200513	1
4	Arm, Tensioner	A203439	1
5	Bushing, Tensioner Arm	A200677	1
6	Screw, M8 x 1.25 x 65, HFH, Yellow Zinc, Grade 8.8	Reference Only	1
7	Circlip, 10, Black Oxide	A203408	1
8	Tensioner	A200681	1
9	Spring, Clutch	A200676	1
10	Bushing, Belt	A200658	2
11	Frame, Orange	A203385	1
12	Screw, M8 x 1.25 x 55, HFH, Yellow Zinc, Grade 8.8	Reference Only	1
13	Lock Nut, M6 x 1.0, Black Zinc	A200497	14
14	Shield, Tine, Orange	A200381	1
15	Shield, Extension, Black	A204498	2
16	Screw, M6 x 1.0 x 16, HFH, Yellow Zinc, Grade 8.8	A200654	10
17	Screw, M6 x 1.0 x 25, HFH, Yellow Zinc, Grade 8.8	Reference Only	1

Tine and Transmission Assembly



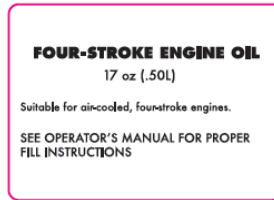
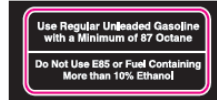
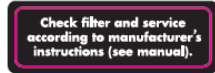
REF. NO.	DESCRIPTION	PART NO.	QTY
1	Lock Nut, M12 x 1.75, Yellow Zinc	<i>Reference Only</i>	1
2	Flat Washer, M12, Yellow Zinc	<i>Reference Only</i>	1
3	Pulley	A203386	1
4	Flat Washer, M10, Black Zinc	<i>Reference Only</i>	4
5	Pin, Linch, Ø8	A203816	2
6	Key, 4 x 6.5 x 16, Woodruff	A200663	1
7	Transmission	A203821	1
8	Screw, M8 x 1.25 x 25, HFH, Yellow Zinc, Grade 8.8	<i>Reference Only</i>	4
9	Belt, Drive	A203444	1
10	Hub, Inside	A203822	2
11	Hub, Outside	A203390	2
12	Screw, M8 x 1.25 x 25, HFH, Black Zinc, Grade 8.8	<i>Reference Only</i>	16
13	Nut, M8 x 1.25, Hex, Black Zinc, Grade 8.8	<i>Reference Only</i>	16
14	Screw, M10 x 1.5 x 50, HFH, Black Zinc, Grade 8.8	<i>Reference Only</i>	2
15	Tine, Left	A203391	8
16	Tine, Right	A203392	8
17	Nut, M10 x 1.5, Hex, Black Zinc	<i>Reference Only</i>	2

Inspection Plates



REF. NO.	DESCRIPTION	PART NO.	QTY
1	Plate, Inspection, Orange	A203393	1
2	Screw, M6 x 1.0 x 16, Hex Head, Yellow Zinc, Grade 8.8	<i>Reference Only</i>	4

Unit Decals



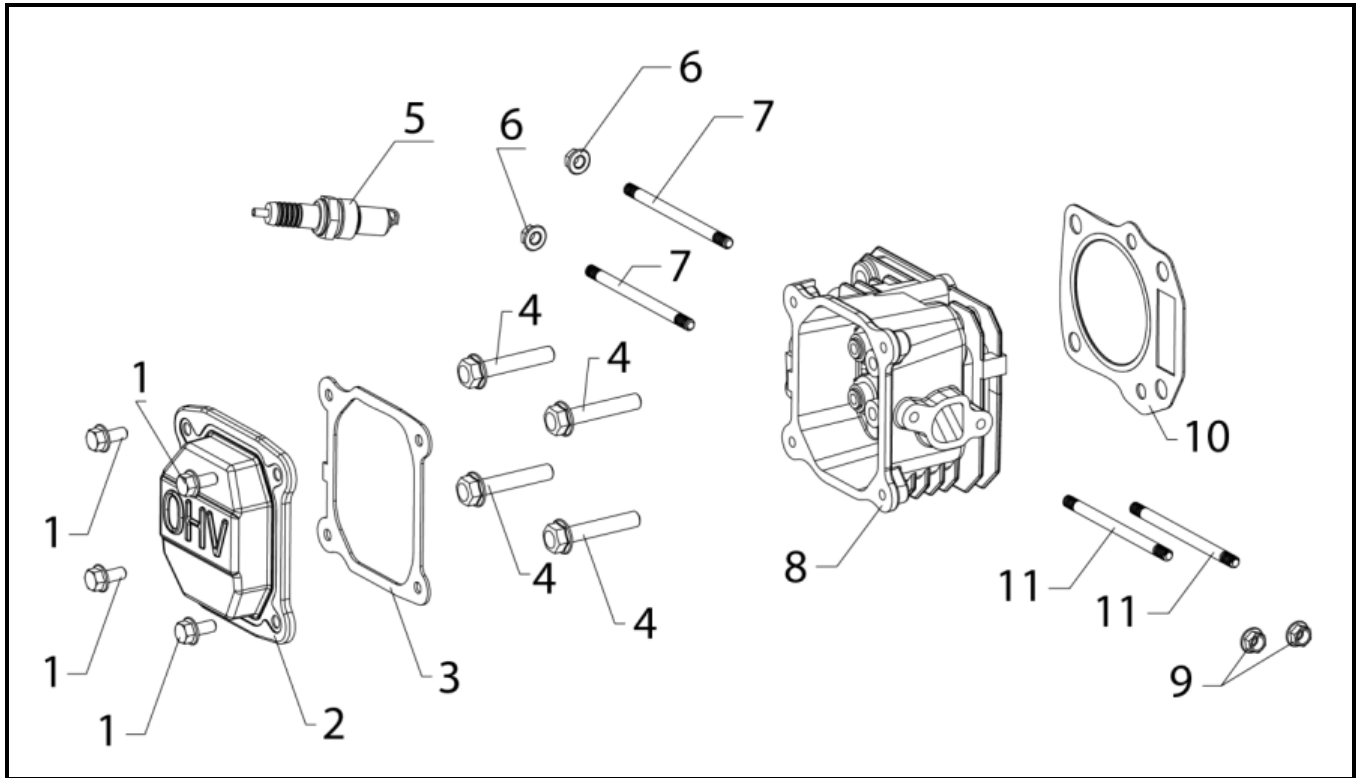
REF. NO.	DESCRIPTION	PART NO.	QTY
1	Decal Sheet, Unit, YFTT173	A204460	1

Engine Decals



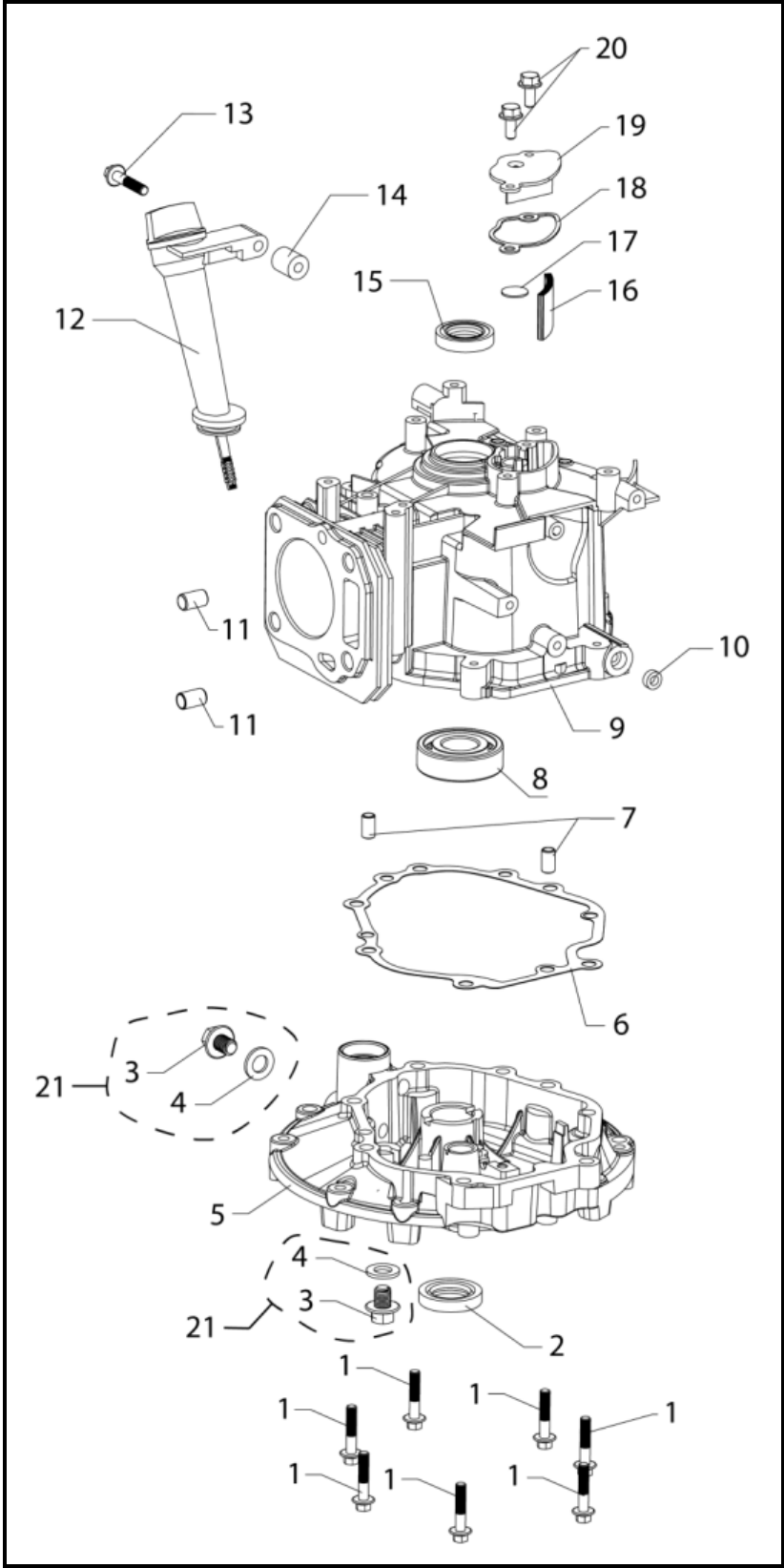
REF. NO.	DESCRIPTION	PART NO.	QTY
1	Decal Sheet, Engine	A203437	1

Cylinder Head



REF. NO.	DESCRIPTION	PART NO.	QTY
1	Screw, M6 x 1.0 x 14, HFH	<i>Reference Only</i>	4
2	Cover, Cylinder Head	A204096	1
3	Gasket, Cylinder Head Cover	A204097	1
4	Screw, M8 x 1.25 x 50, HFH	<i>Reference Only</i>	4
5	Spark Plug	A204098	1
6	Nut, M6 x 1.0, HFH	<i>Reference Only</i>	2
7	Stud, Double End	A204099	2
8	Cylinder Head	<i>Reference Only</i>	1
9	Nut, M6 x 1.0, HFH	<i>Reference Only</i>	2
10	Gasket, Cylinder Head	A204100	1
11	Stud, Double End	A204101	2

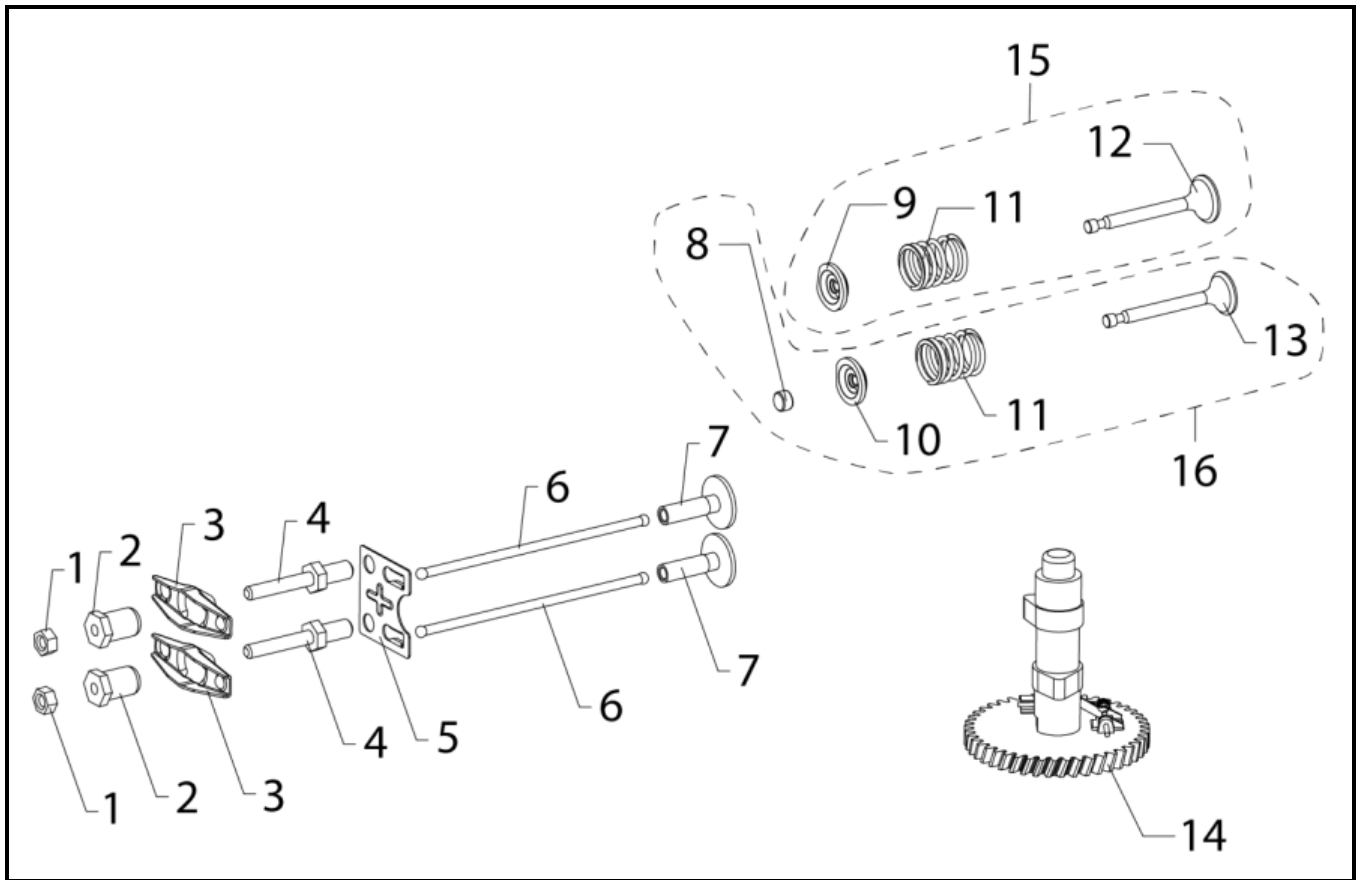
Crankcase Assembly



Crankcase Assembly (continued)

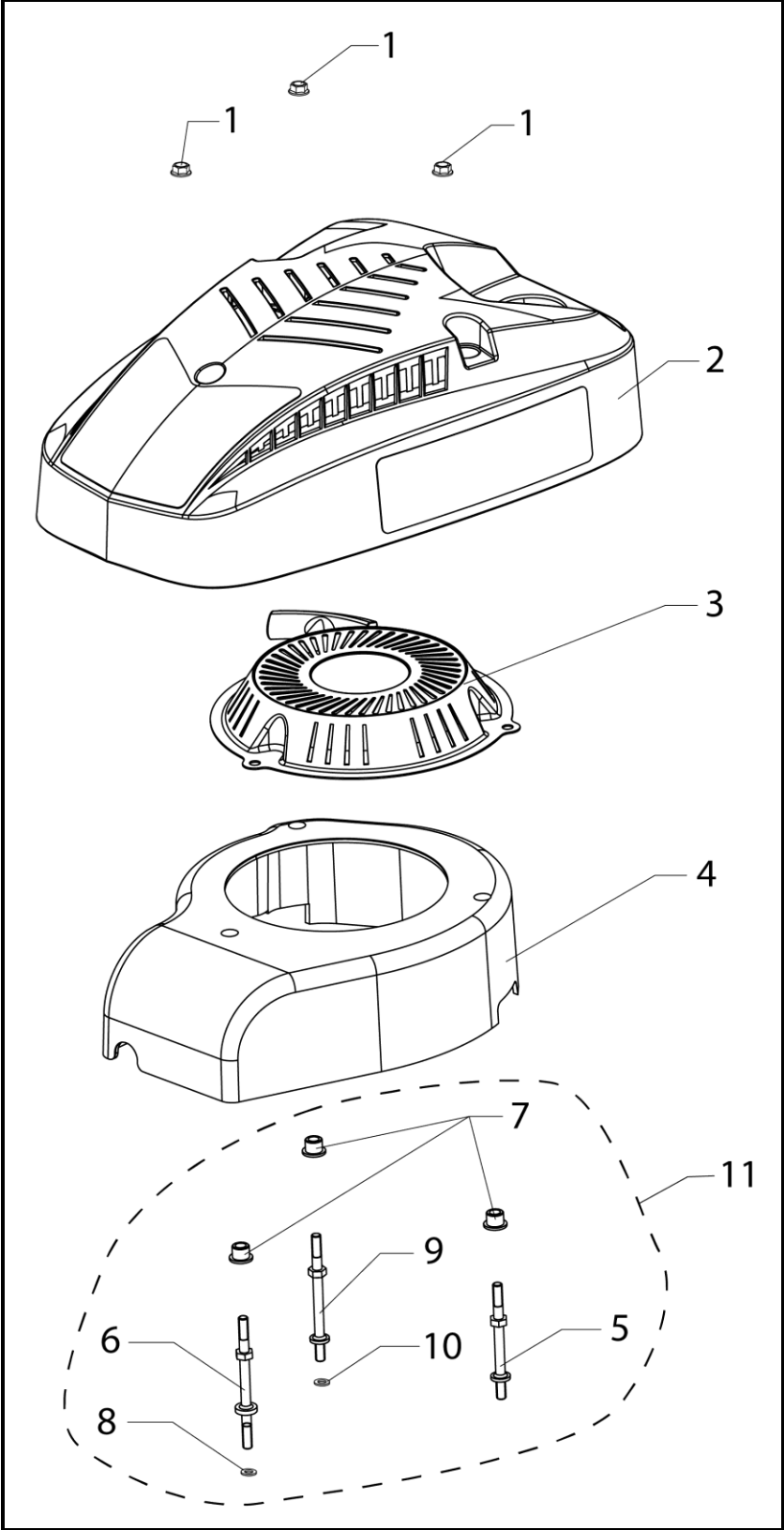
REF. NO.	DESCRIPTION	PART NO.	QTY
1	Screw, M8 x 1.25 x 50, HFH	<i>Reference Only</i>	6
2	Seal, Oil	A204102	1
3	Plug, Oil Drain	<i>Reference Only</i>	2
4	Washer, Oil Drain Plug	<i>Reference Only</i>	2
5	Cover, Crankcase	<i>Reference Only</i>	1
6	Gasket, Crankcase	A204103	1
7	Dowel, Guide	<i>Reference Only</i>	2
8	Bearing	<i>Reference Only</i>	1
9	Crankcase	<i>Reference Only</i>	1
10	Seal, Oil	<i>Reference Only</i>	1
11	Dowel, Guide	<i>Reference Only</i>	2
12	Assembly, Oil Fill and Dipstick	A204104	1
13	Screw, M6 x 1.0 x 50, HFH	<i>Reference Only</i>	1
14	Spacer	<i>Reference Only</i>	1
15	Seal, Oil	A204105	1
16	Clapboard, Ventilator	<i>Reference Only</i>	1
17	Clapboard, Ventilator	<i>Reference Only</i>	1
18	Seal, Ventilator	A204106	1
19	Cover Board, Ventilator	<i>Reference Only</i>	1
20	Screw, M6 x 1.0 x 12, HFH	<i>Reference Only</i>	2
21	Kit, Oil Drain (Includes Items #3-4)	A204107	2

Camshaft



REF. NO.	DESCRIPTION	PART NO.	QTY
1	Nut, Valve Adjusting	<i>Reference Only</i>	2
2	Arm, Buttonhead	<i>Reference Only</i>	2
3	Rocker, Valve	<i>Reference Only</i>	2
4	Stud, Valve Clearance Adjusting	<i>Reference Only</i>	2
5	Plate, Connecting Rod Guide	<i>Reference Only</i>	1
6	Rod, Connecting	<i>Reference Only</i>	2
7	Stud, Connecting	<i>Reference Only</i>	2
8	Cap, Exhaust Rod	<i>Reference Only</i>	1
9	Retainer, Intake Valve Spring Upper	<i>Reference Only</i>	1
10	Retainer, Exhaust Valve Spring Upper	<i>Reference Only</i>	1
11	Spring, Valve	<i>Reference Only</i>	2
12	Valve, Intake	<i>Reference Only</i>	1
13	Valve, Exhaust	<i>Reference Only</i>	1
14	Camshaft	<i>Reference Only</i>	1
15	Kit, Intake Valve (Includes Items #9, 11, 12)	A204108	1
16	Kit, Exhaust Valve (Includes Items #8, 10, 11, 13)	A204109	1

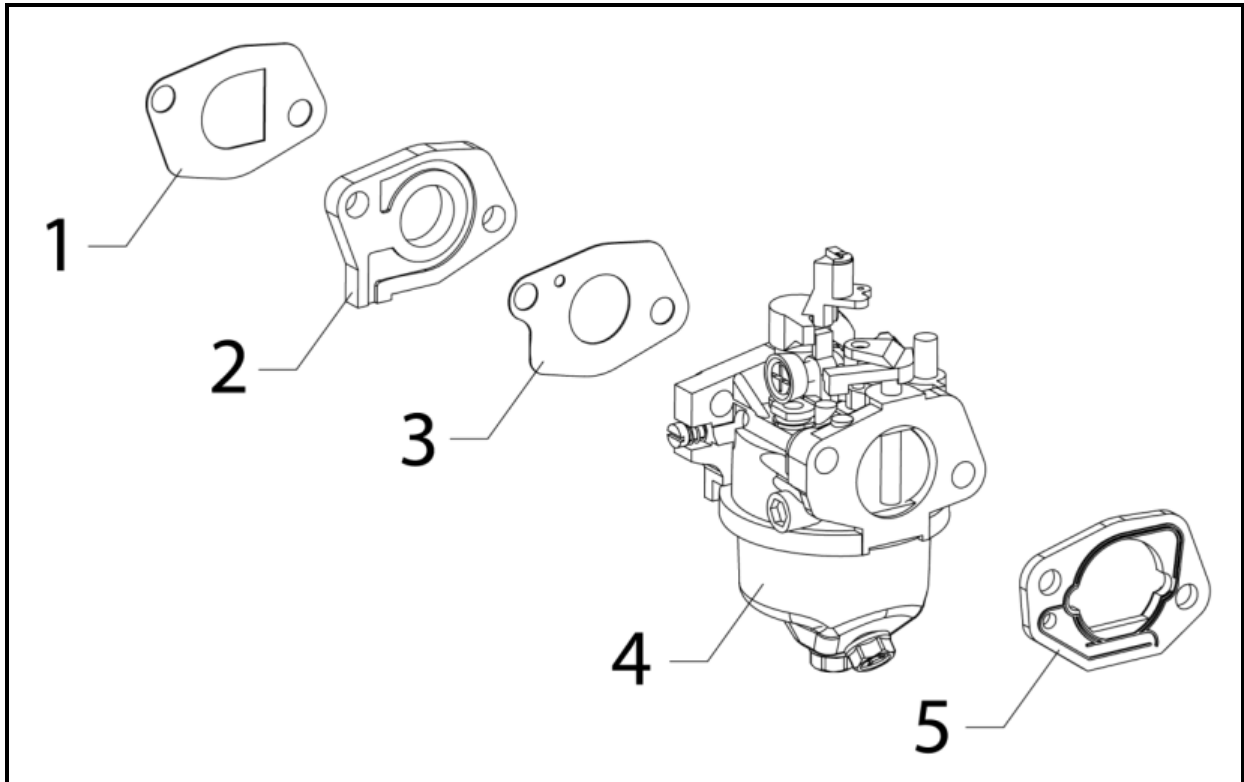
Engine Shroud and Recoil Starter



Engine Shroud and Recoil Starter (continued)

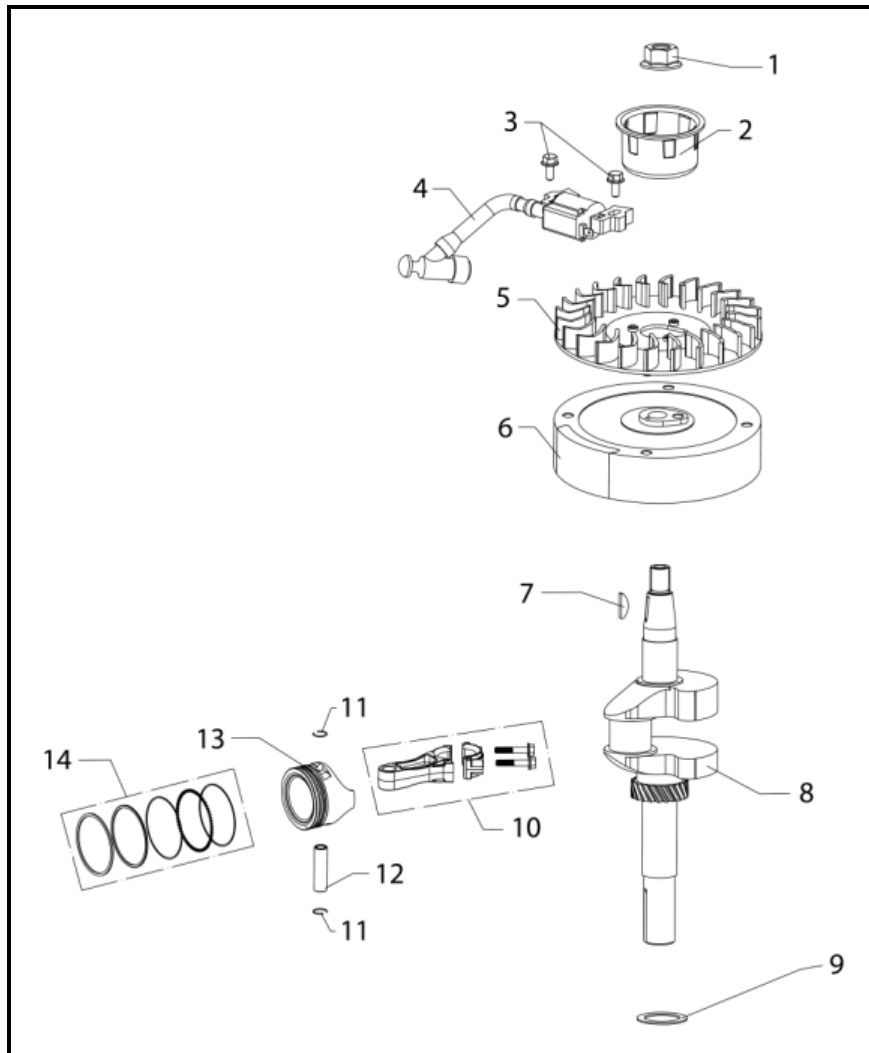
REF. NO.	DESCRIPTION	PART NO.	QTY
1	Nut, M6 x 1.0, HFH	<i>Reference Only</i>	3
2	Shroud, Engine	A204110	1
3	Assembly, Recoil Starter	A204111	1
4	Shield, Engine	A204112	1
5	Stud, Double End, 1	<i>Reference Only</i>	1
6	Stud, Double End, 2	<i>Reference Only</i>	1
7	Set, Bolt Hole	<i>Reference Only</i>	3
8	Flat Washer, 1	<i>Reference Only</i>	1
9	Stud, Double End, 3	<i>Reference Only</i>	1
10	Flat Washer, 2	<i>Reference Only</i>	1
11	Kit, Shroud Mounting (Includes Items #5-10)	A204113	1

Carburetor



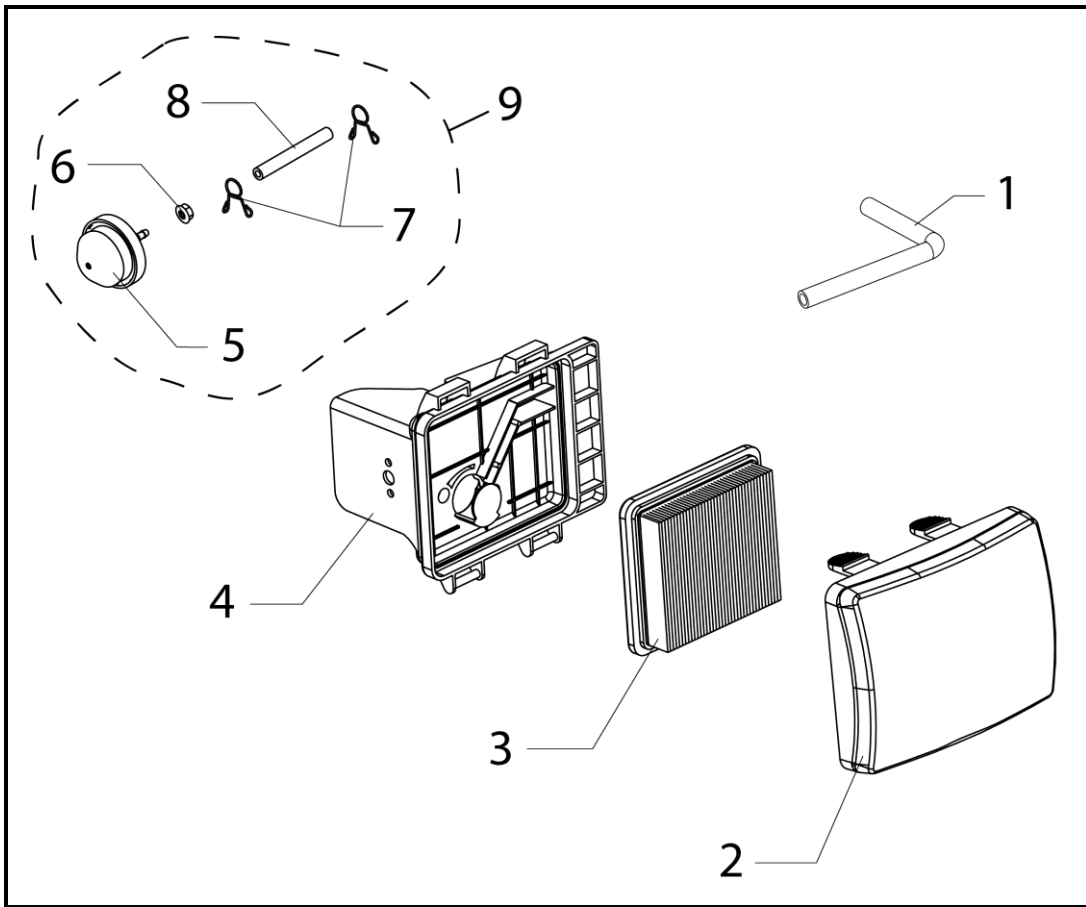
REF. NO.	DESCRIPTION	PART NO.	QTY
1	Gasket, Paper Intake	A204114	1
2	Spacer, Carburetor	A204115	1
3	Gasket, Carburetor	A204116	1
4	Assembly, Carburetor	A204117	1
5	Spacer, Air Filter	A204118	1

Flywheel / Ignition



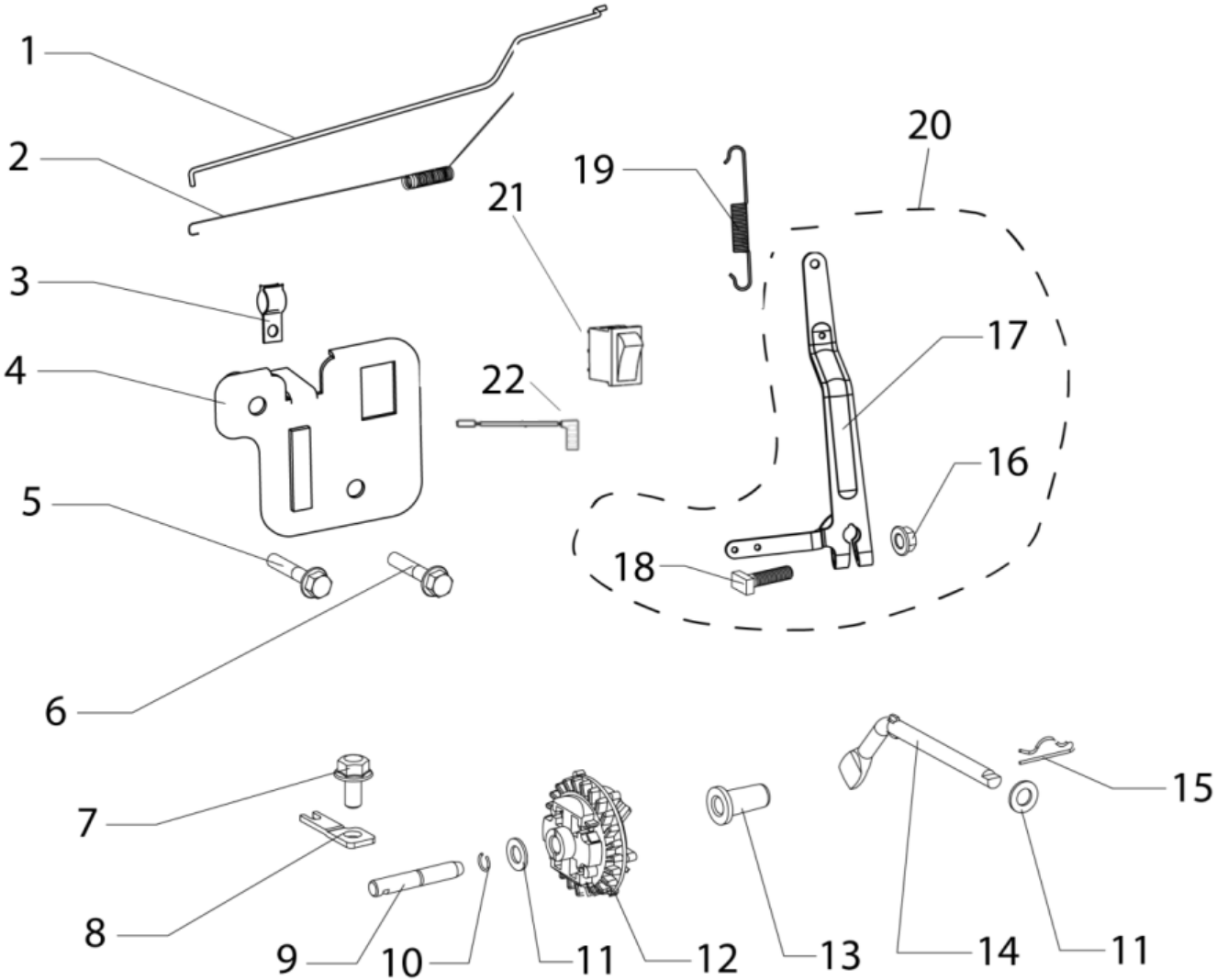
REF. NO.	DESCRIPTION	PART NO.	QTY
1	Nut, M14 x 1.5, HFH	A204119	1
2	Gear, Start-Up Ratchet	A204120	1
3	Screw, M6 x 1.0 x 25, HFH	<i>Reference Only</i>	2
4	Assembly, Ignition Coil	A204121	1
5	Fan, Recoil	A204122	1
6	Flywheel	A204123	1
7	Key	A204124	1
8	Crankshaft	<i>Reference Only</i>	1
9	Flat Washer, 36 x 25.8 x 1	<i>Reference Only</i>	1
10	Assembly, Connecting Rod	<i>Reference Only</i>	1
11	Circlip, Piston Pin	<i>Reference Only</i>	2
12	Pin, Piston	<i>Reference Only</i>	1
13	Piston	<i>Reference Only</i>	1
14	Assembly, Piston Ring	<i>Reference Only</i>	1

Air Filter



REF. NO.	DESCRIPTION	PART NO.	QTY
1	Tube, Breather	A204125	1
2	Cover, Filter Housing	A204126	1
3	Element, Filter	A204127	1
4	Housing, Inner Filter	A204128	1
5	Bulb, Primer	<i>Reference Only</i>	1
6	Nut, M6 x 1.0, HFH	<i>Reference Only</i>	1
7	Clamp, Fuel Line	<i>Reference Only</i>	2
8	Line, Fuel	<i>Reference Only</i>	1
9	Kit, Primer	A204129	1

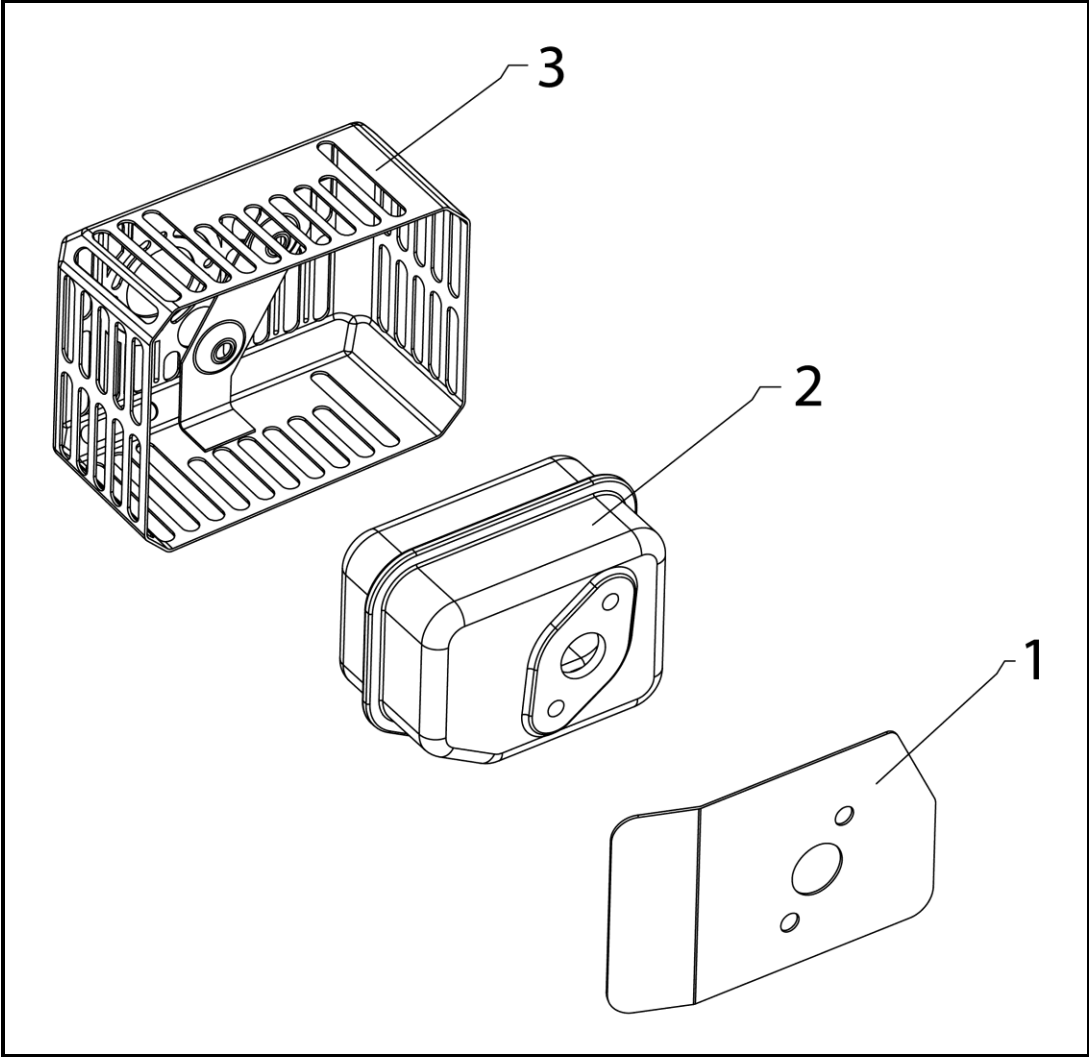
Governor Assembly



Governor Assembly (continued)

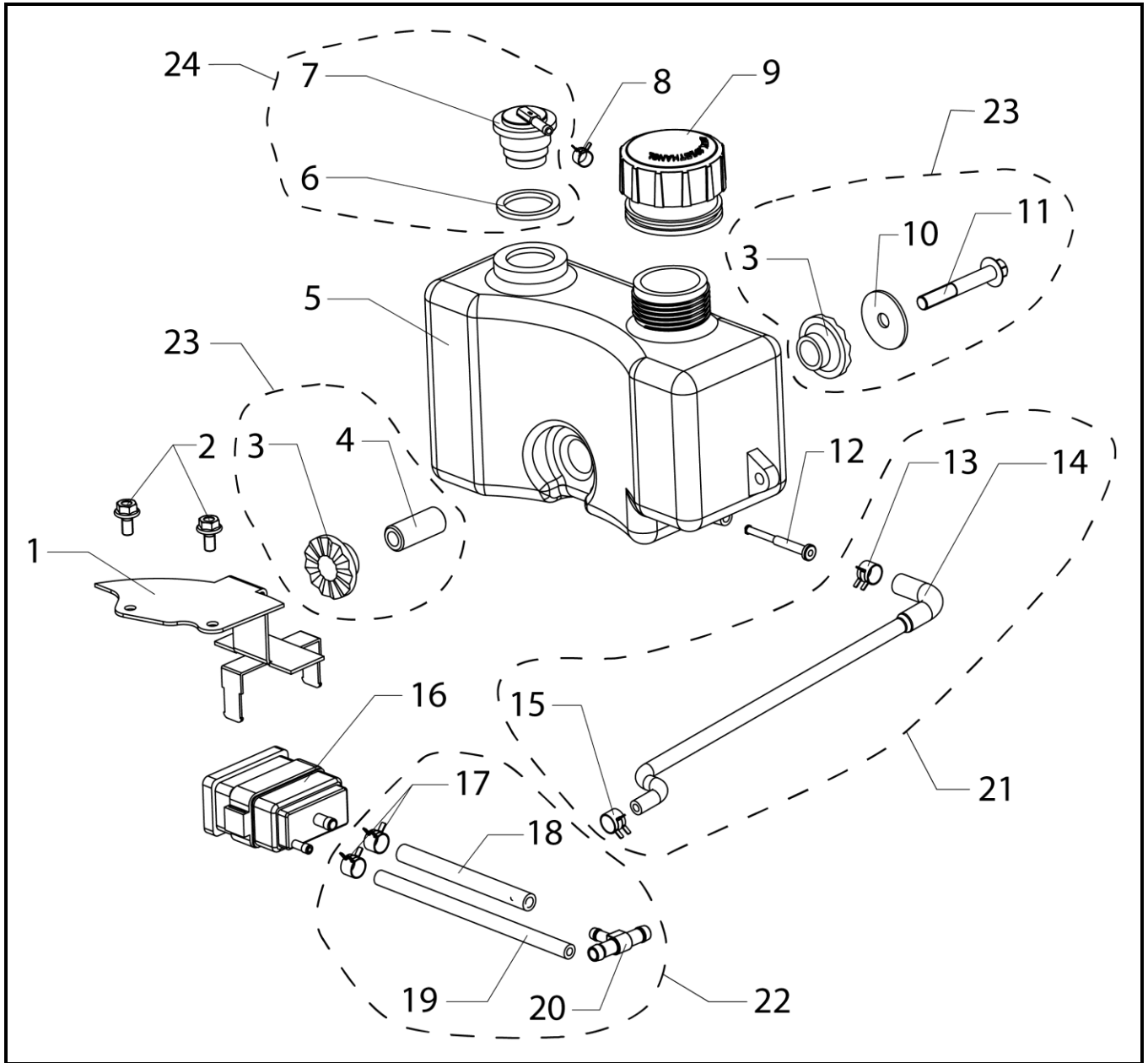
REF. NO.	DESCRIPTION	PART NO.	QTY
1	Rod, Tension	A204131	1
2	Spring, Throttle Tension	A204132	1
3	Clip	A204133	1
4	Controller, Fixing	<i>Reference Only</i>	1
5	Screw, M6 x 1.0 x 30, HFH	<i>Reference Only</i>	1
6	Screw, M6 x 1.0 x 35, HFH	<i>Reference Only</i>	1
7	Screw, M6 x 1.0 x 12, HFH	<i>Reference Only</i>	1
8	Clamp	<i>Reference Only</i>	1
9	Axle, Timing Gear	<i>Reference Only</i>	1
10	Ring, Retaining	<i>Reference Only</i>	1
11	Flat Washer, 12.8 x 6.6 x 1	<i>Reference Only</i>	2
12	Assembly, Governor	<i>Reference Only</i>	1
13	Bushing	<i>Reference Only</i>	1
14	Arm, Shifting	<i>Reference Only</i>	1
15	Pin, Cotter	A204134	1
16	Nut, M6 x 1.0, HFH	<i>Reference Only</i>	1
17	Rod, Idle	<i>Reference Only</i>	1
18	Bolt, Coach	<i>Reference Only</i>	1
19	Spring, Tension	A204135	1
20	Kit, Governor Arm Assembly (Includes Items #16-18)	A204136	1
21	Rocker, Switch, fits 19mm X 13.3mm x 3.0mm thk. panel	A204500	1
22	Jumper Wire, with Connecting terminals	<i>Reference Only</i>	1

Muffler



REF. NO.	DESCRIPTION	PART NO.	QTY
1	Gasket, Muffler	A204137	1
2	Assembly, Muffler	A204138	1
3	Guard, Muffler	A204139	1

Fuel Tank



Fuel Tank (continued)

REF. NO.	DESCRIPTION	PART NO.	QTY
1	Board, Protection	A204140	1
2	Screw, M6 x 1.0 x 12, HFH	<i>Reference Only</i>	2
3	Isolator	<i>Reference Only</i>	2
4	Bushing	<i>Reference Only</i>	1
5	Tank, Fuel	A204141	1
6	Flat Washer	<i>Reference Only</i>	1
7	Valve, Breather	<i>Reference Only</i>	1
8	Clamp	<i>Reference Only</i>	1
9	Cap, Fuel Tank	A204142	1
10	Flat Washer	<i>Reference Only</i>	1
11	Screw, M8 x 1.25 x 50, HFH	<i>Reference Only</i>	1
12	Filter, Fuel	A204143	1
13	Clamp	<i>Reference Only</i>	1
14	Line, Fuel, 1	<i>Reference Only</i>	1
15	Clamp	<i>Reference Only</i>	1
16	Canister, Carbon	A203969	1
17	Clamp	<i>Reference Only</i>	2
18	Line, Fuel, 2	<i>Reference Only</i>	1
19	Line, Fuel, 3	<i>Reference Only</i>	1
20	Coupling, T	<i>Reference Only</i>	1
21	Kit, Fuel Hose (Includes Items #13-15)	A204144	1
22	Kit, Canister Line (Includes Items #17-20)	A204145	1
23	Kit, Fuel Tank Mounting (Includes Items #3-4, 10-11)	A204146	1
24	Kit, Breather Valve (Includes Items #6-7)	A204147	1

