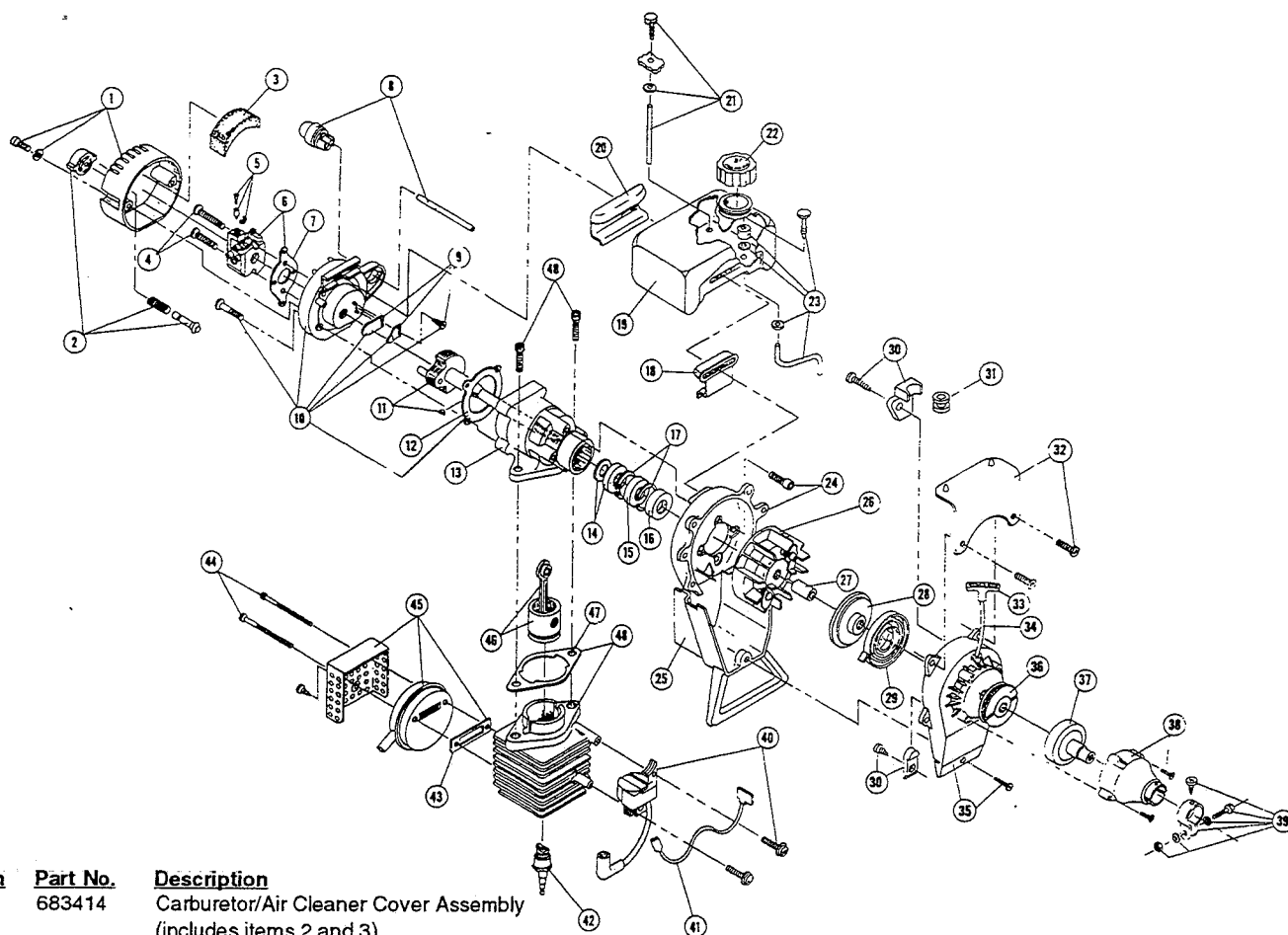


ENGINE PARTS - RYOBI 410r

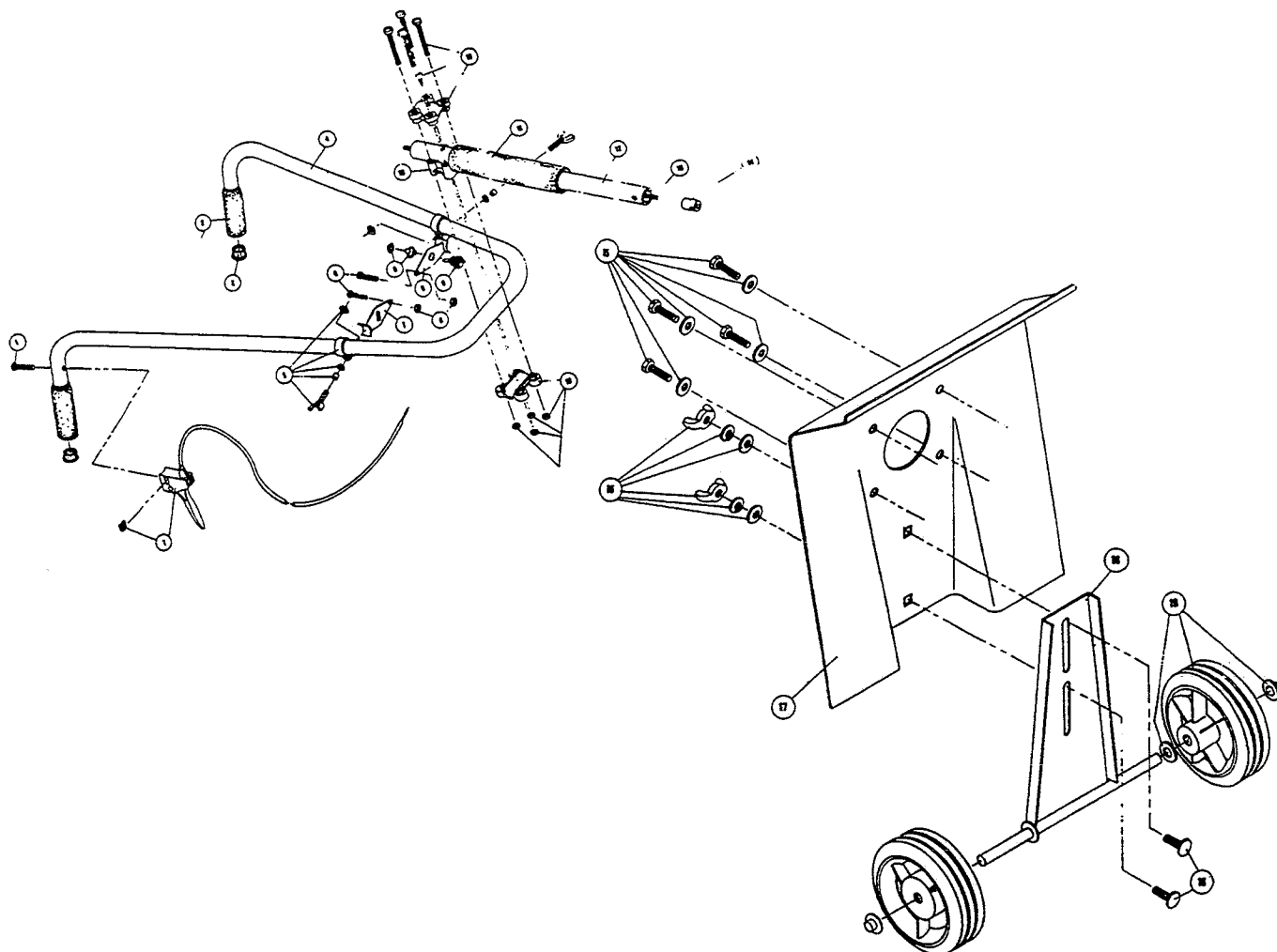


Item	Part No.	Description
1	683414	Carburetor/Air Cleaner Cover Assembly (includes items 2 and 3)
2	682502	Choke Knob Assembly
3	610312	Air Cleaner Filter
4	682505	Carburetor Mounting Screw Assembly
5	682048	Throttle Adjustment Assembly (Walbro)
5	147640	Throttle Adjustment Assembly (Tillotson)
5	180092	Throttle Adjustment Assembly (Zama)
6	147572	Carburetor Assembly
7	610675	Carburetor Gasket (10 pack)
8	683974	Primer and Hose Assembly
9	147573	Reed Assembly
10	180033	Carburetor Mount Assembly (includes items 9, 10, and 12)
11	180022	Power Shaft Assembly
12	612115	Carburetor Mount Gasket (10 pack)
13	147015	Crankcase
14	682041	Inner Bearing Assembly
15	610309	Seal
16	610308	Outer Bearing Assembly
17	682040	Snap Ring Assembly
18	145308	Front Mounting Pad
19	147457	Fuel Tank Assembly (includes 21-23)
20	612134	Rear Mounting Pad
21	147290	Return Line Assembly
22	180000	Fuel Cap Assembly
23	682039	Fuel Line Assembly
24	683065	Shroud Assembly
25	683078	Shroud Extension and Stand
26	153624	Flywheel Assembly
27	145918	Spacer
28	683856	Recoil Pulley
29	613102	Recoil Spring
30	153644	Pulley Retainer Assembly
31	611061	Rope Guide
32	180317	Fuel Tank Guard Assembly
33	610300	Pull Handle
34	613103	Rope

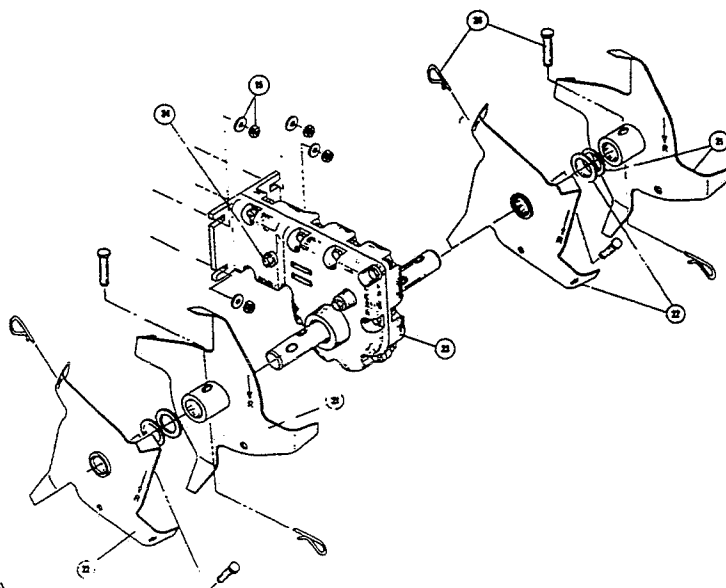
Item	Part No.	Description
35	180318	Starter Housing Assembly
36	153591	Clutch Rotor Assembly
37	153592	Clutch Drum Assembly
38	683601	Clutch Cover Assembly
39	153597	Upper Clamp Assembly
40	683390	Module Assembly
41	147451	Wire Lead
42	610311	Spark Plug
43	610672	Exhaust Gasket (10 pack)
44	147068	Muffler Mounting Bolt Assembly
45	147452	Muffler Assembly
46	147012	Piston and Rod Assembly
47	145564	Cylinder Gasket
48	180063	Cylinder Assembly
*	147655	Engine Hardware Kit
*	180011	Engine Gasket Kit
*	153308	O.E.M. Carburetor Repair Kit (Walbro)
*	147170	O.E.M. Carburetor Repair Kit (Tillotson)
*	153309	Gasket-Diaphragm Repair Kit (Walbro)
*	147171	Gasket-Diaphragm Repair Kit (Tillotson)
*	682507	Piston Ring
*	147455	Short Block Assembly (items 11, 13-17, 42, 46-48)
*	147456	Crankcase Service Assembly (items 11, 13-17)
*	610676	Flywheel Key (10 pack)
*	147544	Starter Housing Screw Set
*		not shown

The above part numbers are for serial numbers
111061051 thru 304012476.

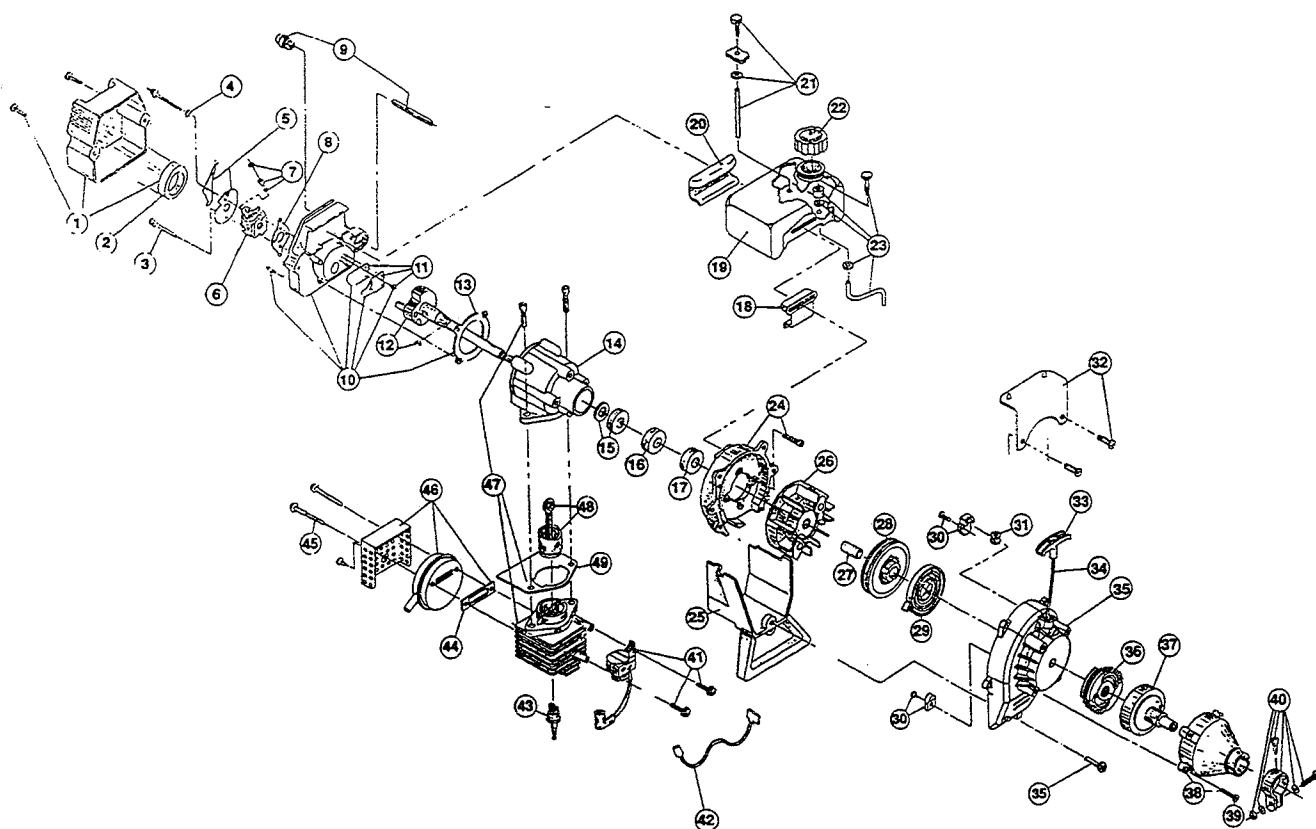
BOOM & CULTIVATOR PARTS - RYOBI 410r



Item	Part No.	Description
1	147465	Throttle Assembly
2	612831	Grip
3	612021	Tube Closure
4	147461	Handle Bar
5	147462	Clamp Assembly
6	147501	Engine Bracket Mounting Hardware
7	147464	Engine Mount Bracket R.H.
8	147463	Engine Mount Bracket L.H.
9	682035	Switch Assembly
10	683295	Handle Bracket Assembly
11	147460	Grip
12	147459	Drive Shaft Housing Assembly
13	147458	Flexible Drive Shaft
14	145890	Retainer Sleeve
15	147466	Guard Mounting Screw Set
16	147467	Wheel Bracket Mounting Screw Set
17	180319	Guard
18	180320	Wheel Bracket Assembly
19	147469	Wheel Assembly
20	147473	Tine Fastener Assembly
21	147471	Tine Assembly (Left Outer, Right Inner)
22	147472	Tine Assembly (Left Inner, Right Outer)
23	147474	Gear Box Assembly
24	683298	Retainer Bolt Sleeve Assembly



ENGINE PARTS - RYOBI 410r

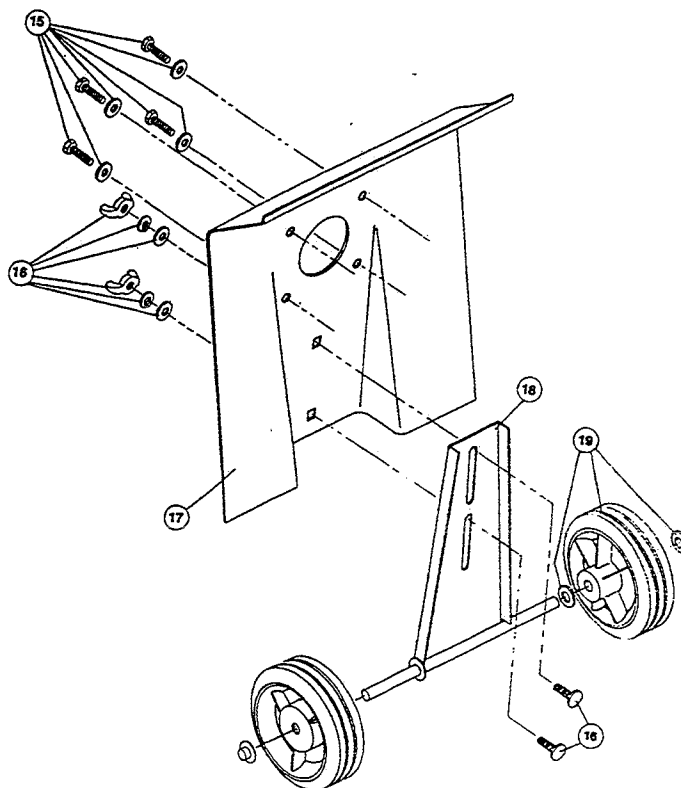
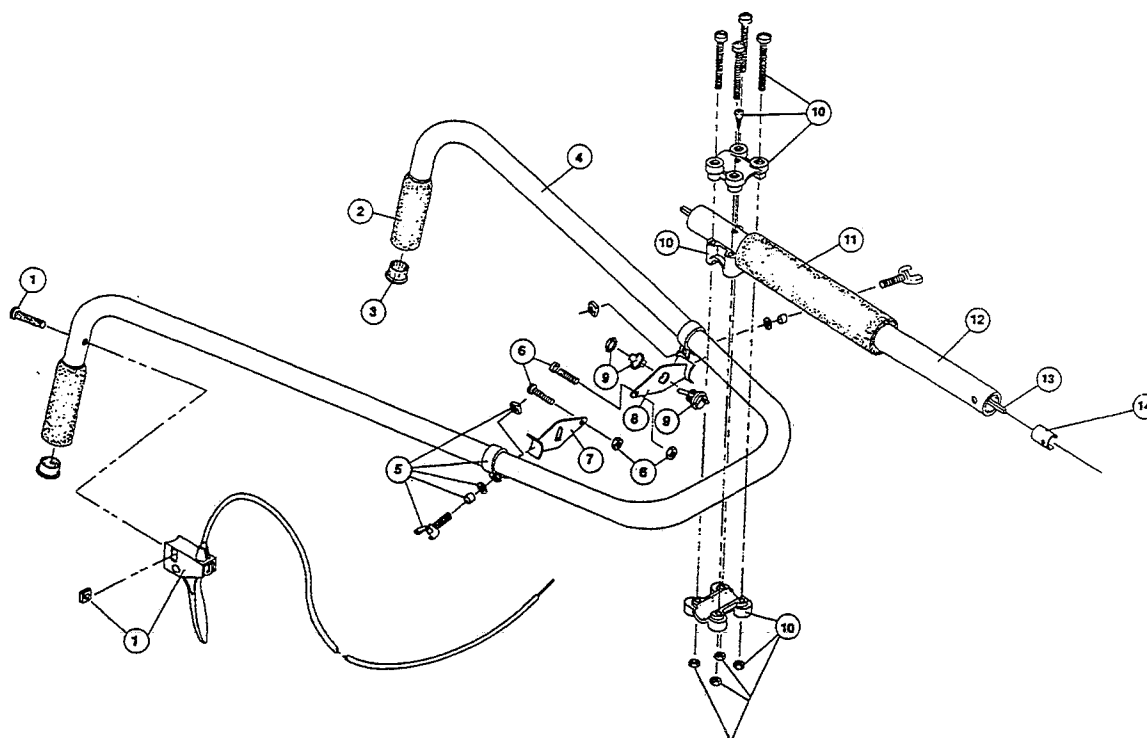


Item	Part No.	Description
1	180349	Carburetor/Air Cleaner Cover Assembly (includes item 2)
2	180350	Air Cleaner Filter
3	180351	Carburetor Mounting Screw Assembly
4	180352	Wavey Washer
5	180353	Choke Lever and Plate
6	147572	Carburetor Assembly
7	682048	Throttle Adjustment Assembly (Walbro)
7	147640	Throttle Adjustment Assembly (Tillotson)
8	610675	Carburetor Gasket (10 pack)
9	683974	Primer and Hose Assembly
10	180354	Carburetor Mount Assembly (includes items 11-13)
11	147573	Reed Assembly
12	180022	Power Shaft Assembly
13	612115	Carburetor Mount Gasket (10 pack)
14	180026	Crankcase Service Assembly (includes items 12, 14-17)
15	682041	Inner Bearing Assembly
16	610309	Seal
17	610308	Outer Bearing Assembly
18	145308	Front Mounting Pad
19	147457	Fuel Tank Assembly (includes items 21-23)
20	612134	Rear Mounting Pad
21	147290	Return Line Assembly
22	180000	Fuel Cap Assembly
23	682039	Fuel Line Assembly
24	683065	Shroud Assembly
25	683078	Shroud Extension and Stand
26	153624	Flywheel Assembly
27	145918	Spacer
28	683856	Recoil Pulley Assembly
29	613102	Recoil Spring
30	153644	Pulley Retainer Assembly
31	611061	Rope Guide
32	180317	Fuel Tank Guard Assembly
33	610300	Pull Handle
34	613103	Rope

Item	Part No.	Description
35	180318	Starter Housing Assembly
36	153591	Clutch Rotor Assembly
37	153592	Clutch Drum Assembly
38	683601	Clutch Cover Assembly
39	145888	Clutch Cover Screw Assembly
40	153597	Upper Clamp Assembly
41	683390	Module Assembly
42	147451	Wire Lead
43	610311	Spark Plug
44	610672	Exhaust Gasket (10 pack)
45	147068	Muffler Mounting Bolt Assembly
46	147452	Muffler Assembly
47	180063	Cylinder Assembly
48	147012	Piston and Rod Assembly
49	145564	Cylinder Gasket (10 pack)
*	180034	Engine Hardware Kit
*	180011	Engine Gasket Kit
*	153308	O.E.M. Carburetor Repair Kit (Walbro)
*	147170	O.E.M. Carburetor Repair Kit (Tillotson)
*	153309	Gasket-Diaphragm Repair Kit (Walbro)
*	147171	Gasket-Diaphragm Repair Kit (Tillotson)
*	180530	Piston Ring
*	180027	Short Block Assembly (items 12, 14-17, 47-49)
*	610676	Flywheel Key (10 pack)
*	147544	Starter Housing Screw Set
*		not shown

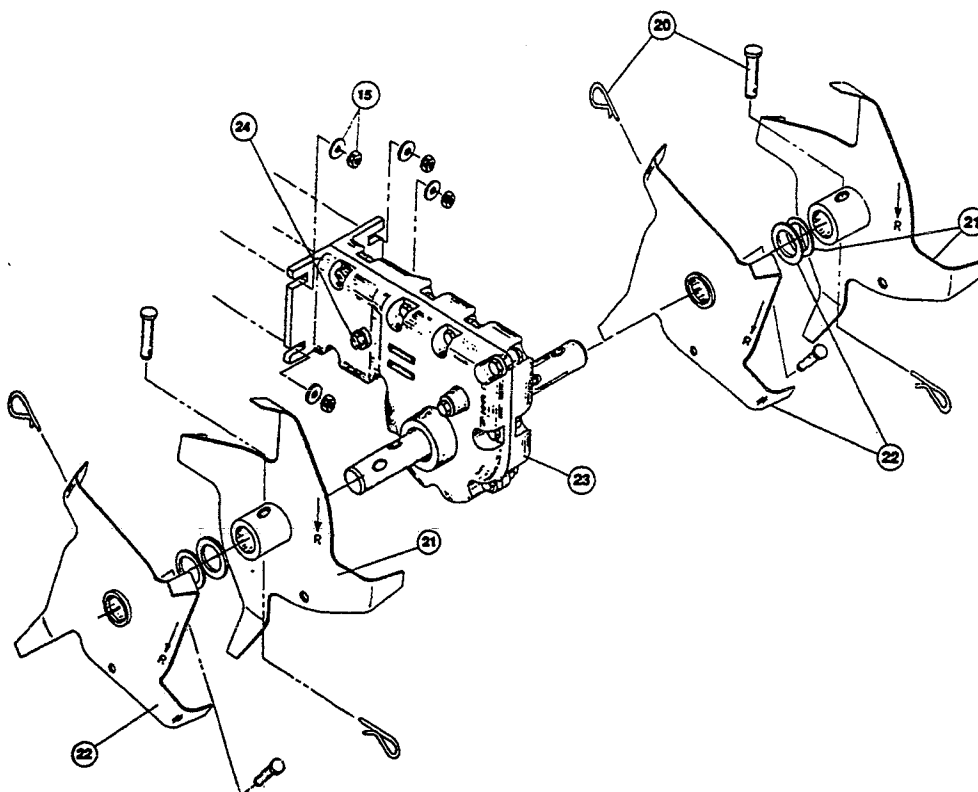
The above part numbers are for serial numbers 304012477 and greater.

CULTIVATOR PARTS - RYOBI 410r



Item	Part No.	Description
1	147465	Throttle Assembly
2	612831	Grip
3	612021	Tube Closure
4	147461	Handle Bar
5	147462	Clamp Assembly
6	147501	Engine Bracket Mounting Hardware
7	147464	Engine Mount Bracket, R.H.
8	147463	Engine Mount Bracket, L.H.
9	682035	Switch Assembly
10	683295	Handle Bracket Assembly
11	147460	Grip
12	147459	Drive Shaft Housing Assembly
13	147458	Flexible Drive Shaft
14	180287	Retainer Sleeve
15	147466	Guard Mounting Screw Set
16	147467	Wheel Bracket Mounting Screw Set
17	180319	Guard
18	180320	Wheel Bracket Assembly
19	147469	Wheel Assembly

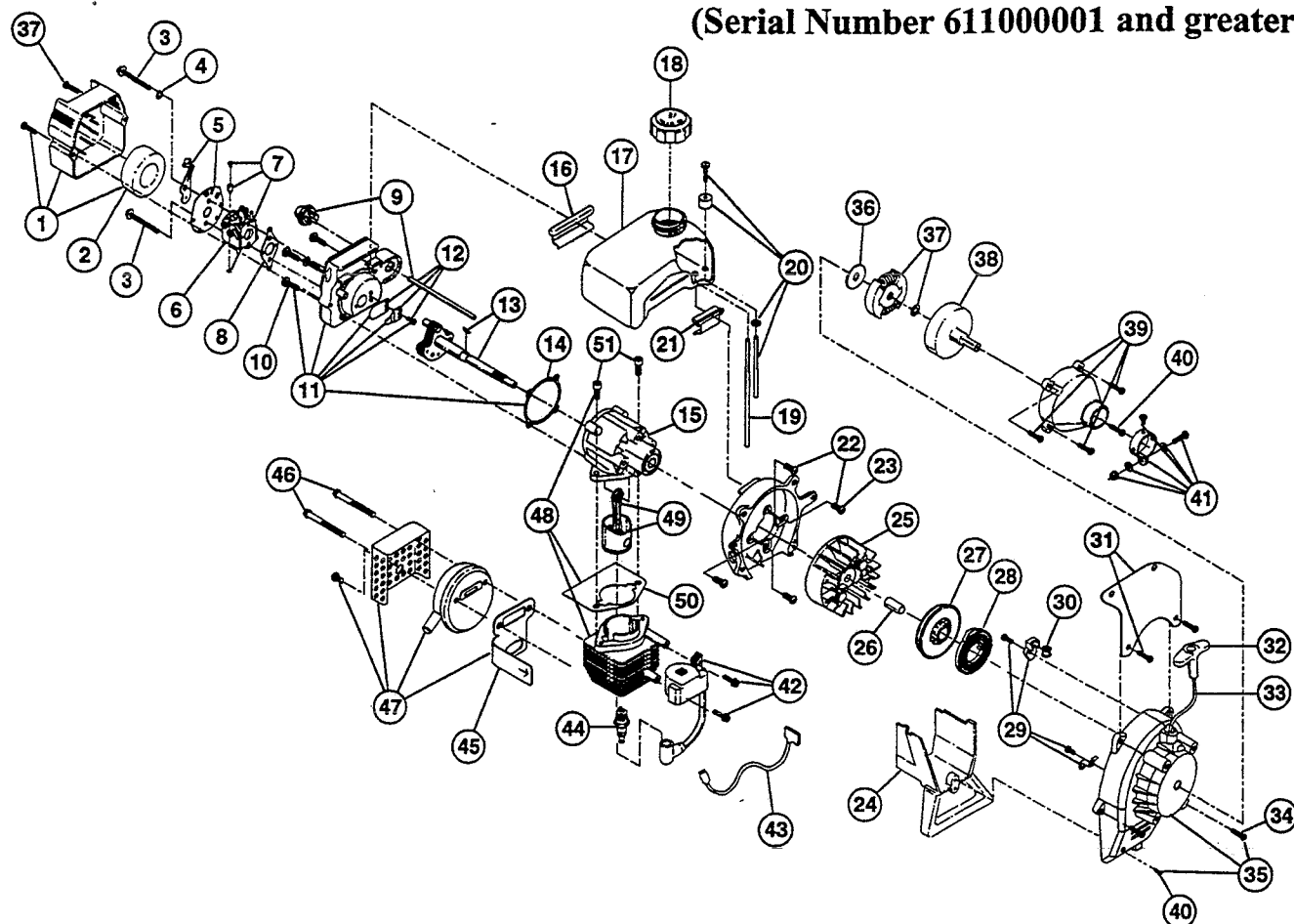
CULTIVATOR PARTS - RYOBI 410r



<u>Item</u>	<u>Part No.</u>	<u>Description</u>
15	147466	Guard Mounting Screw Set
20	147473	Tine Fastener Assembly
21	147471	Tine Assembly (Left Outer, Right Inner)
22	147472	Tine Assembly (Left Inner, Right Outer)
23	147474	Gear Box Assembly
24	180288	Retainer Bolt Sleeve Assembly

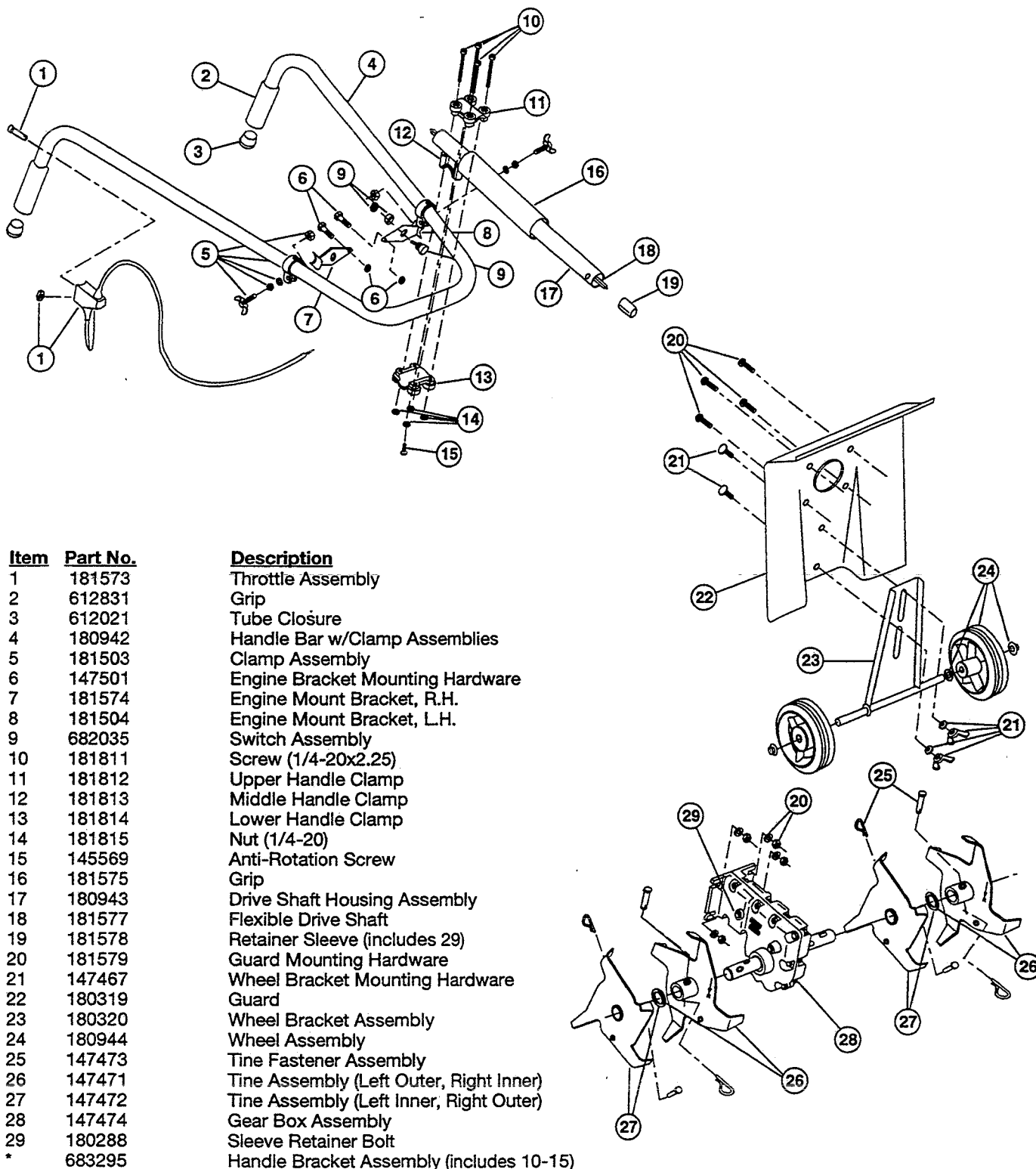
The above part numbers are for serial numbers 304012477 and greater.

ENGINE PARTS - MODEL 410r (Serial Number 611000001 and greater)



Item	Part No.	Description	Item	Part No.	Description
1	180349	Carburetor/Air Cleaner Assembly	33	613103	Rope
2	180350	Air Cleaner Filter	34	181912	Housing Screw
3	180351	Carburetor Mounting Screw Assembly	35	181909	Starter Housing Assembly (includes items 27-30, 32-35)
4	180352	Wavey Washer	36	181074	Clutch Washer
5	180353	Choke Lever and Plate	37	181445	Clutch Rotor Assembly
6	181621	Carburetor Assembly (includes items 8 & 20)	38	153592	Clutch Drum Assembly
7	682048	Throttle Adjustment Assembly (Walbro)	39	180098	Clutch Cover Assembly
7	180092	Throttle Adjustment Assembly (Zama)	40	181345	Clutch Cover Screw Assembly
8	610675	Carburetor Gasket	41	153597	Upper Clamp Assembly
9	683974	Primer and Hose Assembly	42	683390	Module Assembly
10	181860	Carburetor Mount Screw	43	181580	Wire Lead
11	180354	Carburetor Mount Assembly	44	610311	Spark Plug
12	684451	Reed Assembly	45	180980	Exhaust Gasket
13	181498	Power Shaft Assembly	46	684197	Muffler Mounting Bolt Assembly
14	612115	Carburetor Mount Gasket	47	181572	Muffler Assembly
15	180026	Crankcase Service Assembly (includes item 13)	48	181622	Cylinder Assembly
16	612134	Rear Mounting Pad	49	684449	Piston and Rod Assembly
17	181581	Fuel Tank Assembly (includes items 18-20)	50	610674	Cylinder Gasket
18	180000	Fuel Cap Assembly	51	181870	Cylinder Bolt
19	181168	Fuel Return Line	*	180011	Engine Gasket Kit
20	682039	Fuel Line Assembly	*	180602	O.E.M. Carburetor Repair Kit (Walbro)
21	145308	Front Mounting Pad	*	180090	O.E.M. Carburetor Repair Kit (Zama)
22	683065	Shroud Assembly	*	181069	Gasket-Diaphragm Repair Kit (Walbro)
23	181861	Shroud Screw	*	180091	Gasket-Diaphragm Repair Kit (Zama)
24	153403	Shroud Extension and Stand	*	180530	Piston Ring
25	180929	Flywheel Assembly	*	181623	Short Block Assembly (items 13, 15, 44, 48-51)
26	181065	Spacer	*	610676	Flywheel Key
27	181597	Recoil Pulley Assembly	*	181501	Starter Housing Screw Set
28	613102	Recoil Spring	*	181873	Carburetor Limiter Cap Set (Walbro)
29	180930	Pulley Retainer Assembly	*	181562	Carburetor Limiter Cap Set (Zama)
30	611061	Rope Guide	*	610309	Crankcase Seal
31	180317	Fuel Tank Guard Assembly	*	181559	Clutch Springs (Qty. 2)
32	181079	Pull Handle	*	not shown	

BOOM & CULTIVATOR PARTS - MODEL 410r



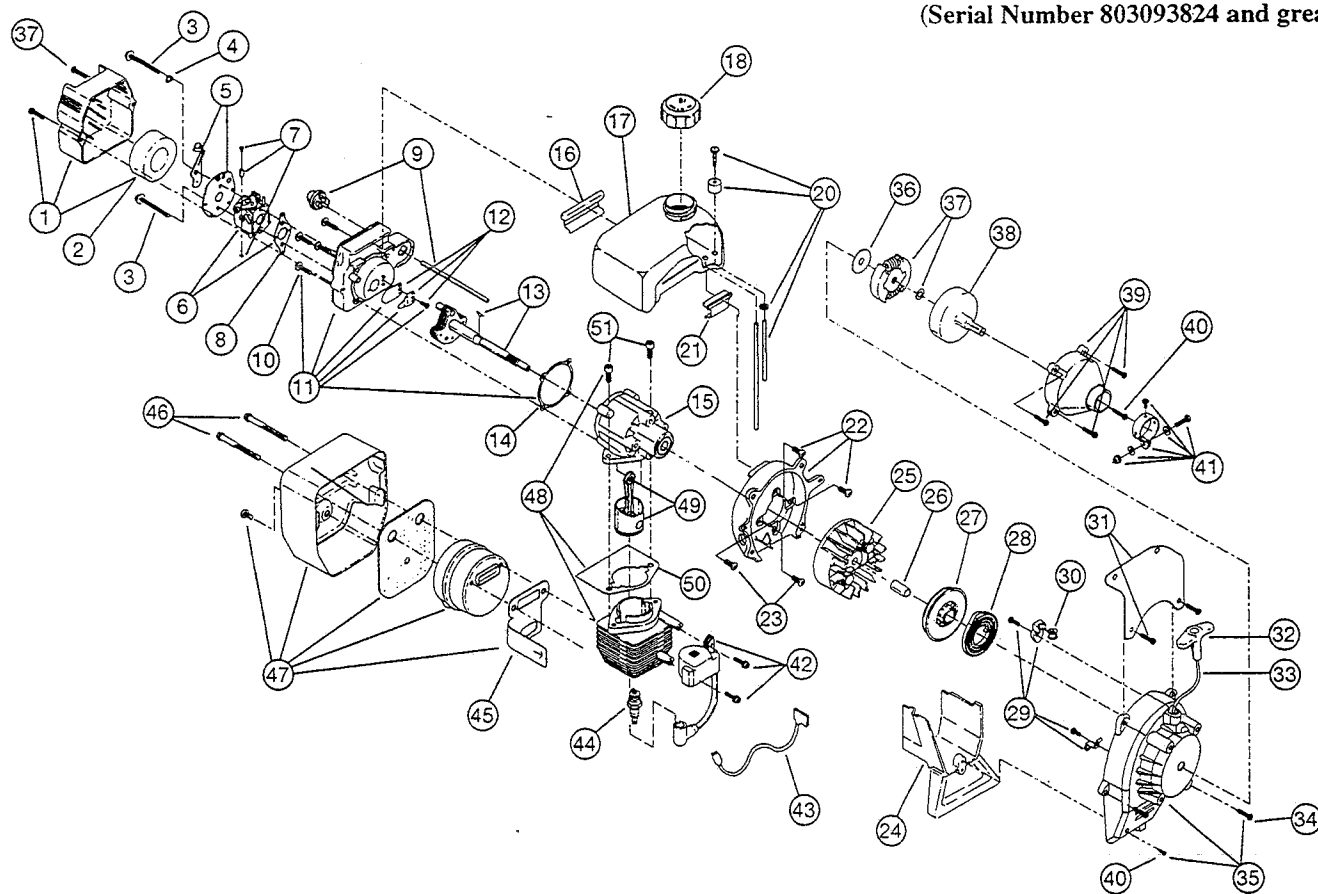
Optional Accessories

* 147541 Ryobi 2-Cycle Oil (48 4-oz bottles)

* Not Shown

ENGINE PARTS - MODEL 410r 2-CYCLE GAS CULTIVATOR

(Serial Number 803093824 and greater)

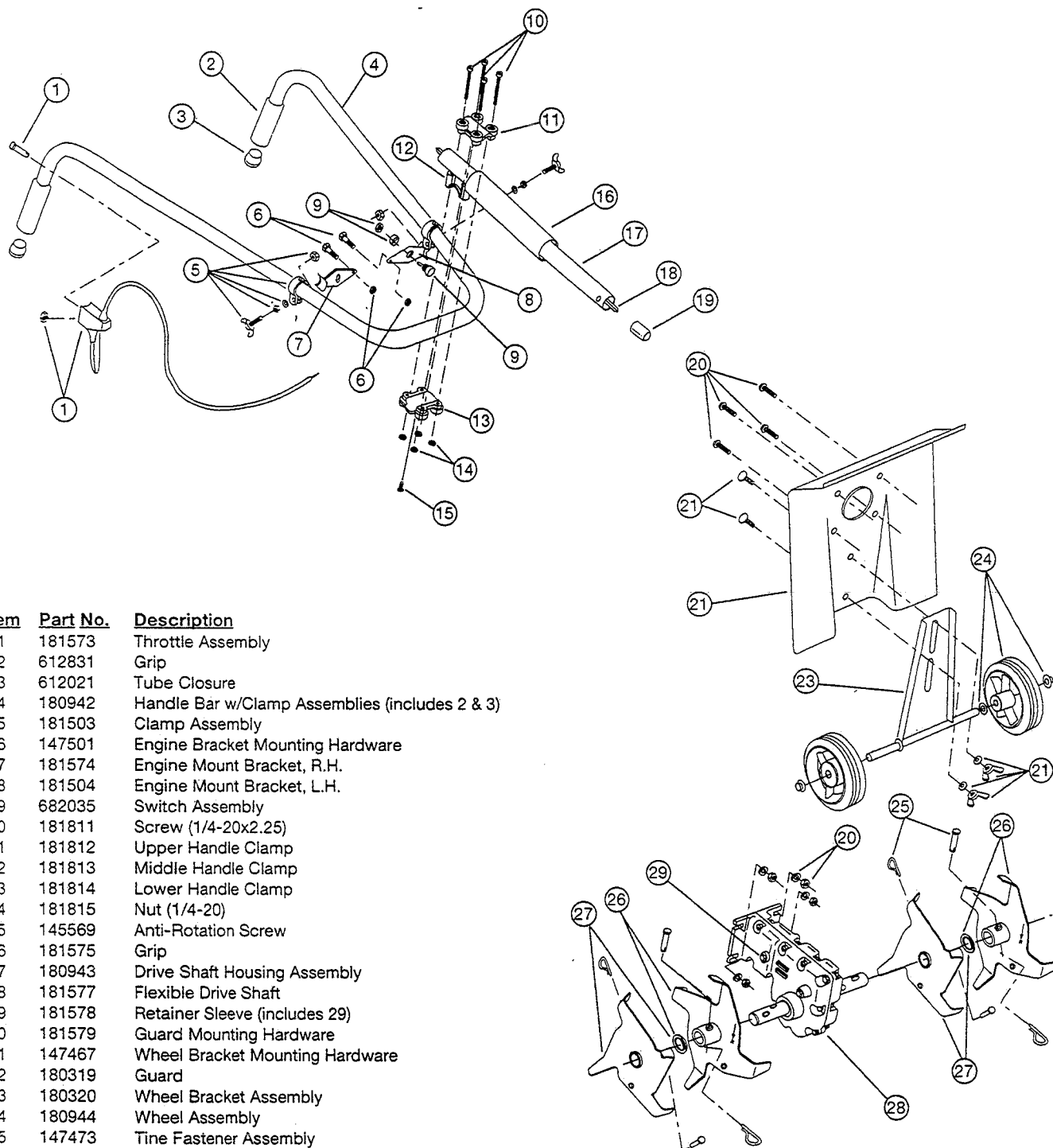


Item	Part No.	Description	Item	Part No.	Description
1	180349	Carburetor/Air Cleaner Assembly	33	613103	Rope
2	180350	Air Cleaner Filter	34	181912	Housing Screw
3	180351	Carburetor Mounting Screw Assembly	35	181909	Starter Housing Assembly (includes items 27-30, 32-35)
4	180352	Wavey Washer	36	181074	Clutch Washer
5	180353	Choke Lever and Plate	37	181445	Clutch Rotor Assembly
6	181621	Carburetor Assembly (includes items 8 & 20)	38	153592	Clutch Drum Assembly
7	682048	Throttle Adjustment Assembly (Walbro)	39	180098	Clutch Cover Assembly (includes item 40)
7	180092	Throttle Adjustment Assembly (Zama)	40	181345	Clutch Cover Screw Assembly
8	610675	Carburetor Gasket	41	153597	Upper Clamp Assembly
9	683974	Primer and Hose Assembly	42	181937	Module Assembly
10	181860	Carburetor Mount Screw	43	181580	Wire Lead
11	180354	Carburetor Mount Assembly (includes items 10, 12 & 14)	44	610311	Spark Plug
12	684451	Reed Assembly	45	180980	Exhaust Gasket
13	181498	Power Shaft Assembly	46	147575	Muffler Mounting Bolt Assembly
14	612115	Carburetor Mount Gasket	47	181984	Muffler Assembly (includes item 45)
15	180026	Crankcase Service Assembly (includes item 13)	48	181622	Cylinder Assembly (includes items 50 & 51)
16	612134	Rear Mounting Pad	49	684449	Piston and Rod Assembly
17	180046	Fuel Tank Assembly (includes items 18-20)	50	610674	Cylinder Gasket
18	180000	Fuel Cap Assembly	51	181870	Cylinder Bolt
19	181168	Fuel Return Line	*	180011	Engine Gasket Kit
20	682039	Fuel Line Assembly	*	180602	O.E.M. Carburetor Repair Kit (Walbro)
21	145308	Front Mounting Pad	*	180090	O.E.M. Carburetor Repair Kit (Zama)
22	683065	Shroud Assembly (includes item 23)	*	181069	Gasket-Diaphragm Repair Kit (Walbro)
23	181861	Shroud Screw	*	180091	Gasket-Diaphragm Repair Kit (Zama)
24	153403	Shroud Extension and Stand	*	180530	Piston Ring
25	180929	Flywheel Assembly	*	181623	Short Block Assembly (items 13, 15, 44, 48-51)
26	181065	Spacer	*	610676	Flywheel Key
27	181597	Recoil Pulley Assembly	*	181501	Starter Housing Screw Set
28	613102	Recoil Spring	*	181873	Carburetor Limiter Cap Set (Walbro)
29	180930	Pulley Retainer Assembly	*	181562	Carburetor Limiter Cap Set (Zama)
30	611061	Rope Guide	*	610309	Crankcase Seal
31	180317	Fuel Tank Guard Assembly	*	181599	Clutch Springs (Qty. 2)
32	181079	Pull Handle	*	not shown	

BOOM AND CULTIVATOR PARTS - MODEL 410r

2-CYCLE GAS CULTIVATOR

(Serial Number 803093824 and greater)



Item	Part No.	Description
1	181573	Throttle Assembly
2	612831	Grip
3	612021	Tube Closure
4	180942	Handle Bar w/Clamp Assemblies (includes 2 & 3)
5	181503	Clamp Assembly
6	147501	Engine Bracket Mounting Hardware
7	181574	Engine Mount Bracket, R.H.
8	181504	Engine Mount Bracket, L.H.
9	682035	Switch Assembly
10	181811	Screw (1/4-20x2.25)
11	181812	Upper Handle Clamp
12	181813	Middle Handle Clamp
13	181814	Lower Handle Clamp
14	181815	Nut (1/4-20)
15	145569	Anti-Rotation Screw
16	181575	Grip
17	180943	Drive Shaft Housing Assembly
18	181577	Flexible Drive Shaft
19	181578	Retainer Sleeve (includes 29)
20	181579	Guard Mounting Hardware
21	147467	Wheel Bracket Mounting Hardware
22	180319	Guard
23	180320	Wheel Bracket Assembly
24	180944	Wheel Assembly
25	147473	Tine Fastener Assembly
26	147471	Tine Assembly (Left Outer, Right Inner)
27	147472	Tine Assembly (Left Inner, Right Outer)
28	147474	Gear Box Assembly
29	180288	Sleeve Retainer Bolt
*	683295	Handle Bracket Assembly (includes 10-15)

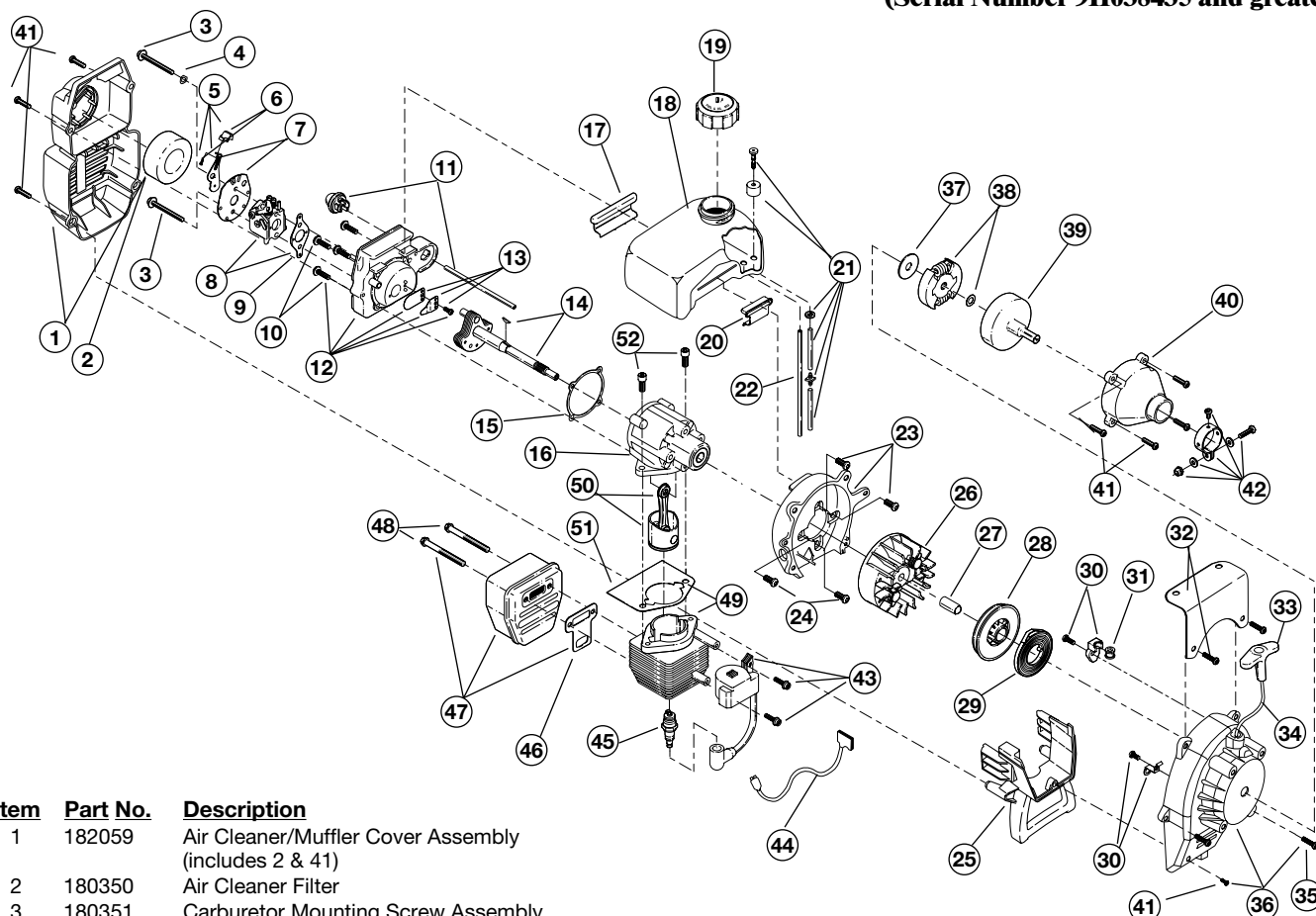
Optional Accessories

- * 147543 Ryobi 2-Cycle Oil
- * not shown

ENGINE PARTS - MODEL 410r

2-CYCLE GAS CULTIVATOR

(Serial Number 911038435 and greater)



Item	Part No.	Description
1	182059	Air Cleaner/Muffler Cover Assembly (includes 2 & 41)
2	180350	Air Cleaner Filter
3	180351	Carburetor Mounting Screw Assembly
4	180226	Wavey Washer
5	182061	Choke Lever Assembly (includes 6)
6	182070	Choke Knob and Screw
7	182060	Choke Lever and Plate (includes 5)
8	182062	Carburetor Assembly W/Limiter Caps (includes 9 & 21)
9	610675	Carburetor Gasket
10	181860	Carb Mount Screw
11	181558	Primer and Hose Assembly
12	182063	Carb Mount Assembly (includes 10)
13	684451	Reed Assembly
14	181498	Power Shaft Assembly
15	612115	Carburetor Mount Gasket
16	180026	Crank Case Service Assembly (includes 10, 14 & 24)
17	612134	Rear Mounting Pad
18	180046	Fuel Tank Assembly (includes 19-21)
19	181559	Fuel Cap Assembly
20	181168	Fuel Return Line
21	682039	Fuel Line Assembly
22	145308	Front Mounting Pad
23	683065	Shroud Assembly
24	181861	Shroud Screw
25	182064	Shroud Extension and Stand
26	180929	Flywheel Assembly
27	181065	Spacer
28	181597	Recoil Pulley Assembly
29	613102	Recoil Spring
30	181441	Pulley Retainer Assembly
31	611061	Rope Guide
32	180317	Fuel Tank Guard Assembly
33	181079	Pull Handle
34	613103	Rope
35	181912	Housing Screw

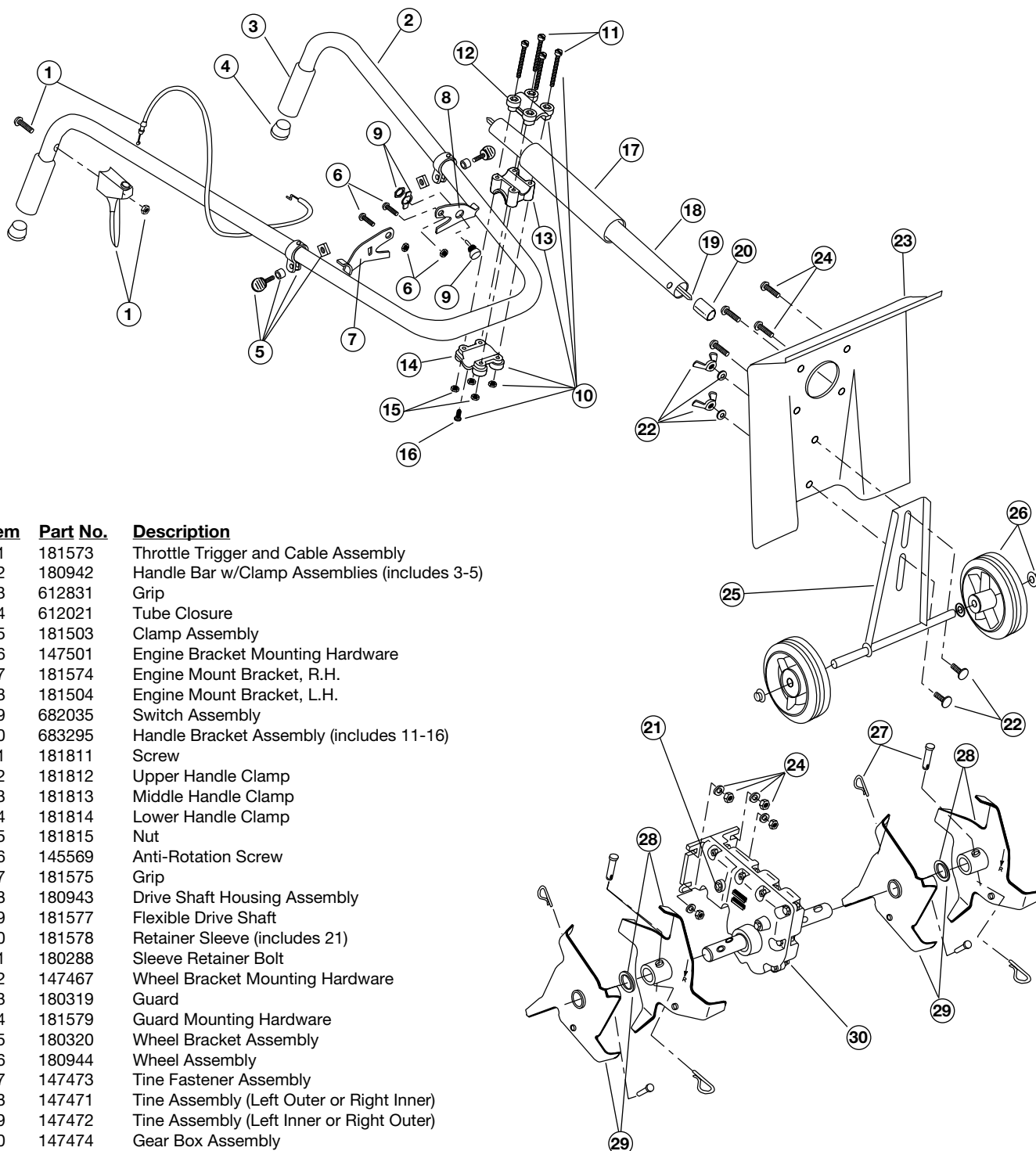
Item	Part No.	Description
36	181909	Starter Housing Assembly (includes items 28-31, 33-35)
37	182368	Clutch Washer
38	182369	Clutch Rotor Assembly
39	153592	Clutch Drum Assembly
40	180098	Clutch Cover Assembly (includes item 41)
41	181345	Clutch Cover Screw
42	153597	Upper Clamp Assembly
43	181937	Module Assembly
44	181580	Wire Lead
45	610311	Spark Plug
46	180980	Exhaust Gasket
47	182174	Muffler Assembly (includes item 46 & 48)
48	182464	Muffler Mounting Bolt Assembly
49	181622	Cylinder Assembly (includes items 51 & 52)
50	684449	Piston and Rod Assembly
51	610674	Cylinder Gasket
52	181870	Cylinder Bolt
*	180011	Engine Gasket Kit
*	180602	O.E.M. Carburetor Repair Kit (Walbro)
*	180090	O.E.M. Carburetor Repair Kit (Zama)
*	181069	Gasket-Diaphragm Repair Kit (Walbro)
*	180091	Gasket-Diaphragm Repair Kit (Zama)
*	180530	Piston Ring
*	181623	Short Block Assembly (items 13, 15, 45, 49-52)
*	610676	Flywheel Key
*	181501	Starter Housing Screw Set
*	181873	Carburetor Limiter Cap Set (Walbro)
*	181562	Carburetor Limiter Cap Set (Zama)
*	610309	Crankcase Seal
*	181599	Clutch Springs (Qty. 2)

* not shown

BOOM AND CULTIVATOR PARTS - MODEL 410r

2-CYCLE GAS CULTIVATOR

(Serial Number 911038435 and greater)



Item	Part No.	Description
1	181573	Throttle Trigger and Cable Assembly
2	180942	Handle Bar w/Clamp Assemblies (includes 3-5)
3	612831	Grip
4	612021	Tube Closure
5	181503	Clamp Assembly
6	147501	Engine Bracket Mounting Hardware
7	181574	Engine Mount Bracket, R.H.
8	181504	Engine Mount Bracket, L.H.
9	682035	Switch Assembly
10	683295	Handle Bracket Assembly (includes 11-16)
11	181811	Screw
12	181812	Upper Handle Clamp
13	181813	Middle Handle Clamp
14	181814	Lower Handle Clamp
15	181815	Nut
16	145569	Anti-Rotation Screw
17	181575	Grip
18	180943	Drive Shaft Housing Assembly
19	181577	Flexible Drive Shaft
20	181578	Retainer Sleeve (includes 21)
21	180288	Sleeve Retainer Bolt
22	147467	Wheel Bracket Mounting Hardware
23	180319	Guard
24	181579	Guard Mounting Hardware
25	180320	Wheel Bracket Assembly
26	180944	Wheel Assembly
27	147473	Tine Fastener Assembly
28	147471	Tine Assembly (Left Outer or Right Inner)
29	147472	Tine Assembly (Left Inner or Right Outer)
30	147474	Gear Box Assembly

Optional Accessories

- * 147543 Ryobi 2-Cycle Oil
- * not shown