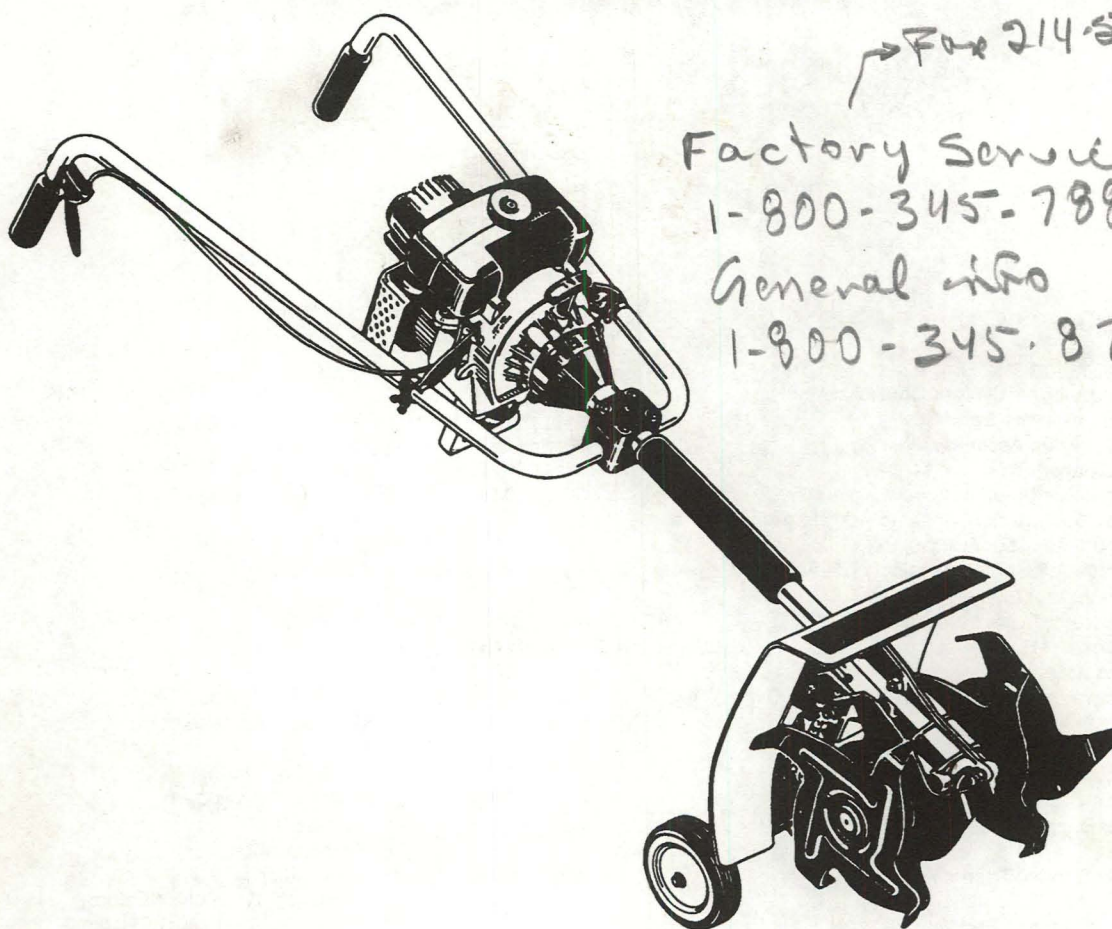


RYOBI®

MODEL 410r

CULTIVATOR



→ For 214-594-6593

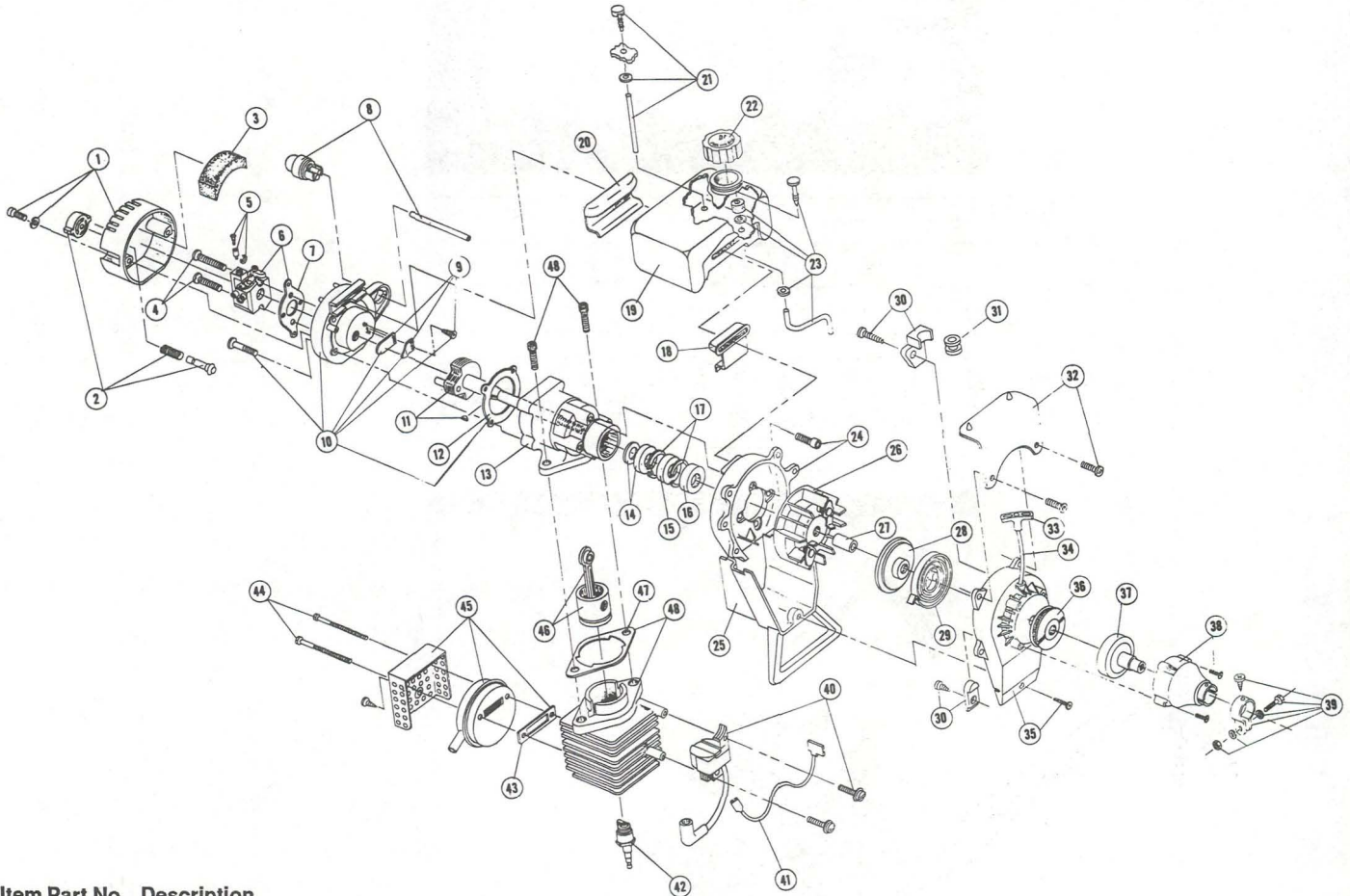
Factory Service
1-800-345-7880

General info
1-800-345-8746

For all assembly and operating instructions, refer to the enclosed IDC owner's manual (Model 400) cultivator.

To order replacement parts, refer to this parts manual, Ryobi 410r cultivator.

ENGINE PARTS - MODEL 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	Crank Case
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

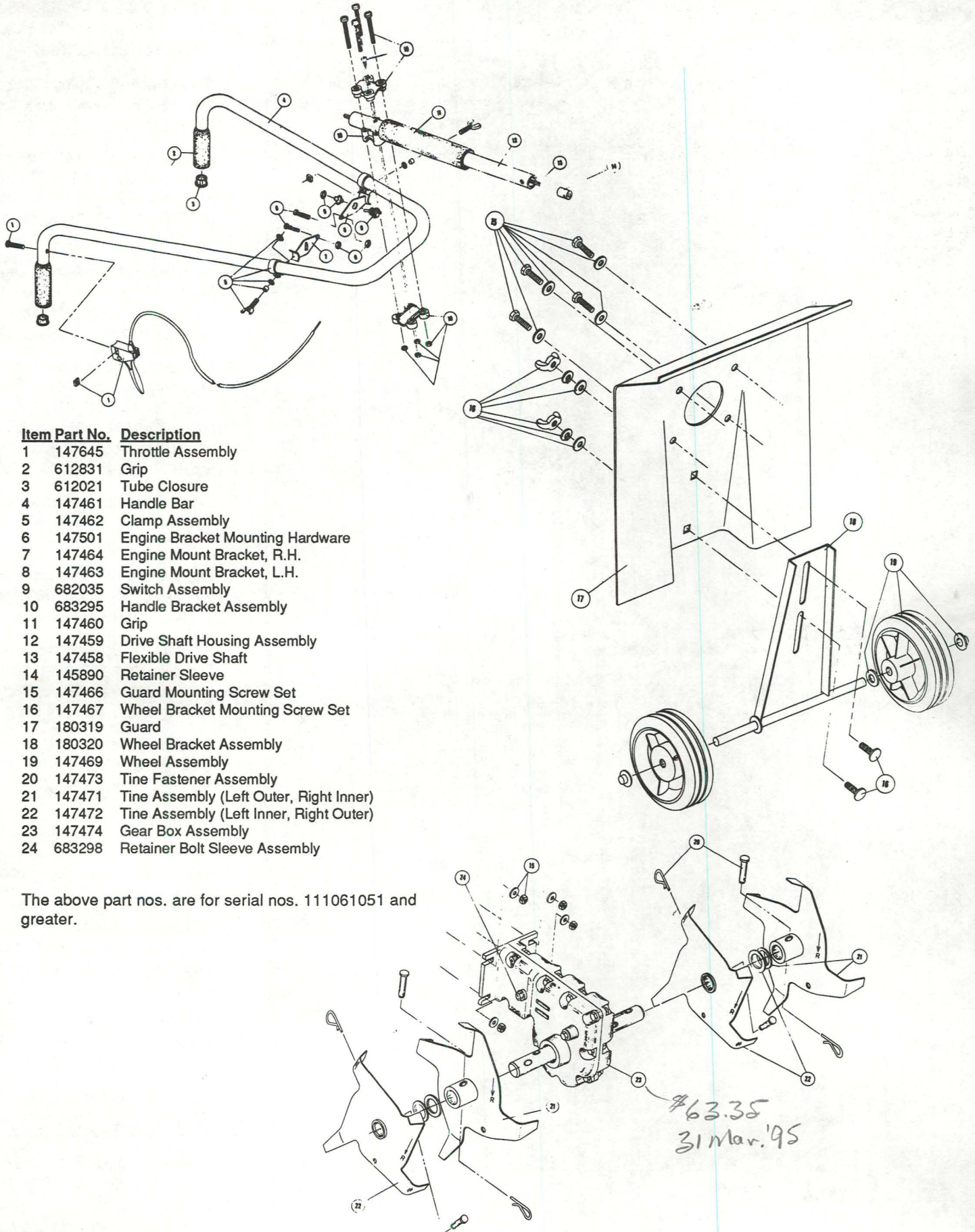
Item Part No. Description

33	610300	Pull Handle
34	613103	Rope
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 (10 pack)
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)
*	180090	O.E.M. Carburetor Repair Kit (Zama)
*	153309	Gasket Diaphragm Repair Kit (Walbro)
*	147171	Gasket Diaphragm Repair Kit (Tillotson)
*	180091	Gasket Diaphragm Repair Kit (Zama)
*	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 nos. are for serial nos. 111061051 and greater.

BOOM & CULTIVATOR PARTS - MODEL 410r



Item Part No. Description

- | | | |
|----|--------|---|
| 1 | 147645 | 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 |

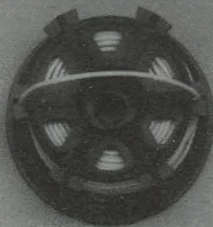
The above part nos. are for serial nos. 111061051 and greater.

Original Equipment Replacement Parts

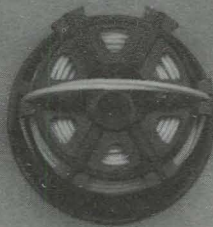
idc®/RYOBI® Outdoor Power Equipment
RYAN® Trimmers, Blowers, & Blower/Vacuums



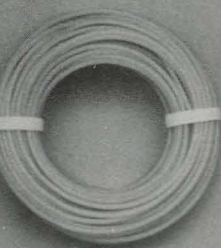
A.



B.



C.



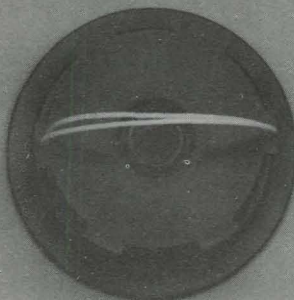
D.



E.



F.



G.



H.



I.



J.



K.



L.



M.

A. Replacement .080 Single Line

Cartridge. For Models B-260, 261, 262, 263, 264, 264-1, 264-P, 265, 265-1, 265-P, 364, 365, 500 and 700r Trimmers. Part no. 153328. ServiStar #SSR 40677.

B. Replacement .065 Single Line

Cartridge. For Model 110 Electric. Part no. 180066.

C. Replacement .080 Dual Line Cartridge.

For Models 120, 130, 274, 275, 275-1, 275-P, 284, 285, 285-1, 285-P, 764, 375, 385, 520, 530, 540, 560, 720r and 740r Trimmers. Part no. 153577. ServiStar #SSR 32255.

D. Replacement Monofilament Line.

For Models 395, 580, 780r - Part no. 180120, .095 Line. For all other Gas Trimmers and IDC Electric Model 120 - Part no. 610375.

E. Replacement Bump Head Knob

Assembly. For Models 110, 120, 130, B-260, 261, 262, 263, 264, 264-1, 264-P, 265, 265-1, 265-P, 284, 285, 285-1, 364, 365, 500, 520, 530, 540, 700r, 720r, 740r and 840 Trimmers. Part no. 153066.

F. Replacement Bump Head Knob.

For Models 395, 580 and 780r. Part no. 147496.

G. Replacement .095 Dual Line Cartridge.

For Models 395, 580 and 780r. Part no. 147345. ServiStar #SSR 01232.

H. Replacement Brush Cutter Blade.

For Models 284, 285, 285-1, 285-P, 385, 395, 540, 580, 740r, 780r and 840 Trimmers. Part no. 145873. ServiStar #SSR 47877.

I. Shoulder Strap.

For most Trimmers and Blowers. Part no. 682075. ServiStar #SSR 30989.

J. IDC 2-Cycle Engine Oil.

48-4 oz. cans. Part no. 147541.

K. Replacement Spark Plug.

For all Models. Part no. 610311.

L. Replacement Fuel Cap Assembly.

For all Models with Serial No. 909002600 and less, Part No. 145562. ServiStar #SSR 33052.

M. Replacement Fuel Cap Assembly.

For all Models with Serial No. 909002601 and greater. Part no. 180000.

Manufactured by

RYOBI OUTDOOR PRODUCTS, INC.

Ryobi Outdoor Products, Inc.
Chandler, AZ 85226