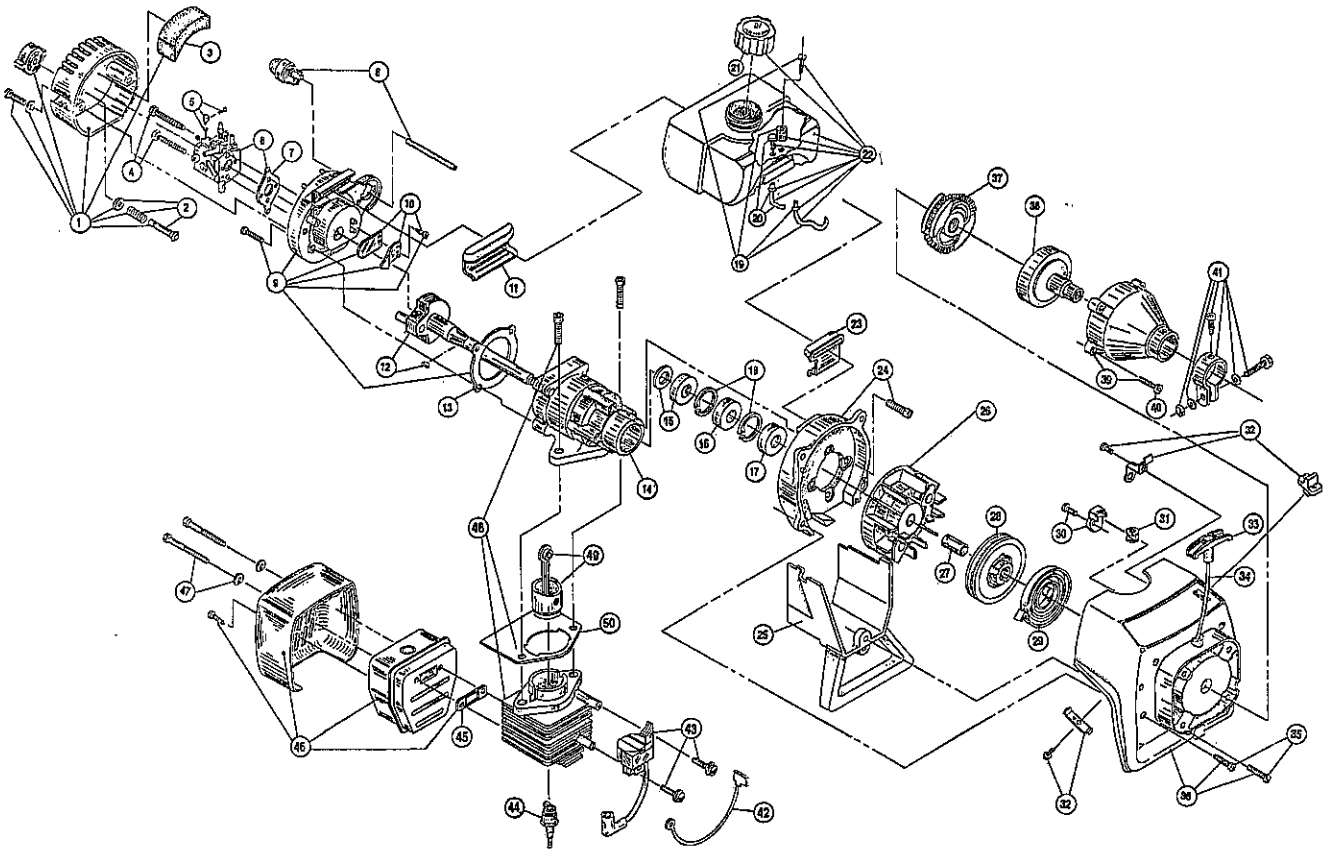
For Parts Call 606-678-9623 or 606-561-4983



Item	Part No.	Description
1	683414	Carburetor/Air Cleaner Cover Assembly (includes items 2 and 3)
2	682052	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)
6	147572	Carburetor Assembly
7	610675	Carburetor Gasket (10 pack)
8	683974	Primer and Hose Assembly
9	180033	Carburetor Mount Assembly
10	147573	Reed Assembly
11	612134	Rear Mounting Pad
12	612115	Carburetor Mount Gasket (10 pack)
13	180022	Power Shaft Assembly
14	147015	Crankcase
15	682041	Inner Bearing Assembly
16	610309	Seal
17	610308	Outer Bearing Assembly
18	682040	Snap Ring Assembly
19	682039	Fuel Line Assembly
20	147290	Return Line Assembly
21	180000	Fuel Cap Assembly
22	147580	Fuel Tank Assembly (includes items 19-21)
23	145308	Front Mounting Pad
24	153520	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	180035	Switch Assembly
33	610300	Pull Handle

Item	Part No.	Description
34	613103	Rope
35	147544	Starter Housing Screw Set
36	180100	Starter Housing Assembly
37	153591	Clutch Rotor Assembly
38	153592	Clutch Drum Assembly
39	180098	Clutch Cover Assembly
40	145888	Clutch Cover Screw Assembly
41	153597	Upper Clamp Assembly
42	180036	Wire Lead
43	683390	Module Assembly
44	610311	Spark Plug
45	610672	Exhaust Gasket (10 pack)
46	180005	Muffler Assembly
47	147575	Muffler Mounting Bolt Assembly
48	180063	Cylinder Assembly
49	147012	Piston and Rod Assembly
50	145564	Cylinder Gasket (10 pack)
*	180034	Engine Hardware Kit
*	180011	Engine Gasket Kit
*	153308	O.E.M. Carburetor Repair Kit (Walbro)
*	180019	O.E.M. Carburetor Repair Kit (Tillotson)
*	153309	Gasket-Diaphragm Repair Kit (Walbro)
*	180020	Gasket-Diaphragm Repair Kit (Tillotson)
*	682507	Piston Ring
*	180027	Short Block Assembly (items 12, 14-18, 48-50)
*	180026	Crankcase Service Assembly (items 12, 14-18)
*	610676	Flywheel Key (10 pack)
*	147544	Starter Housing Screw Set

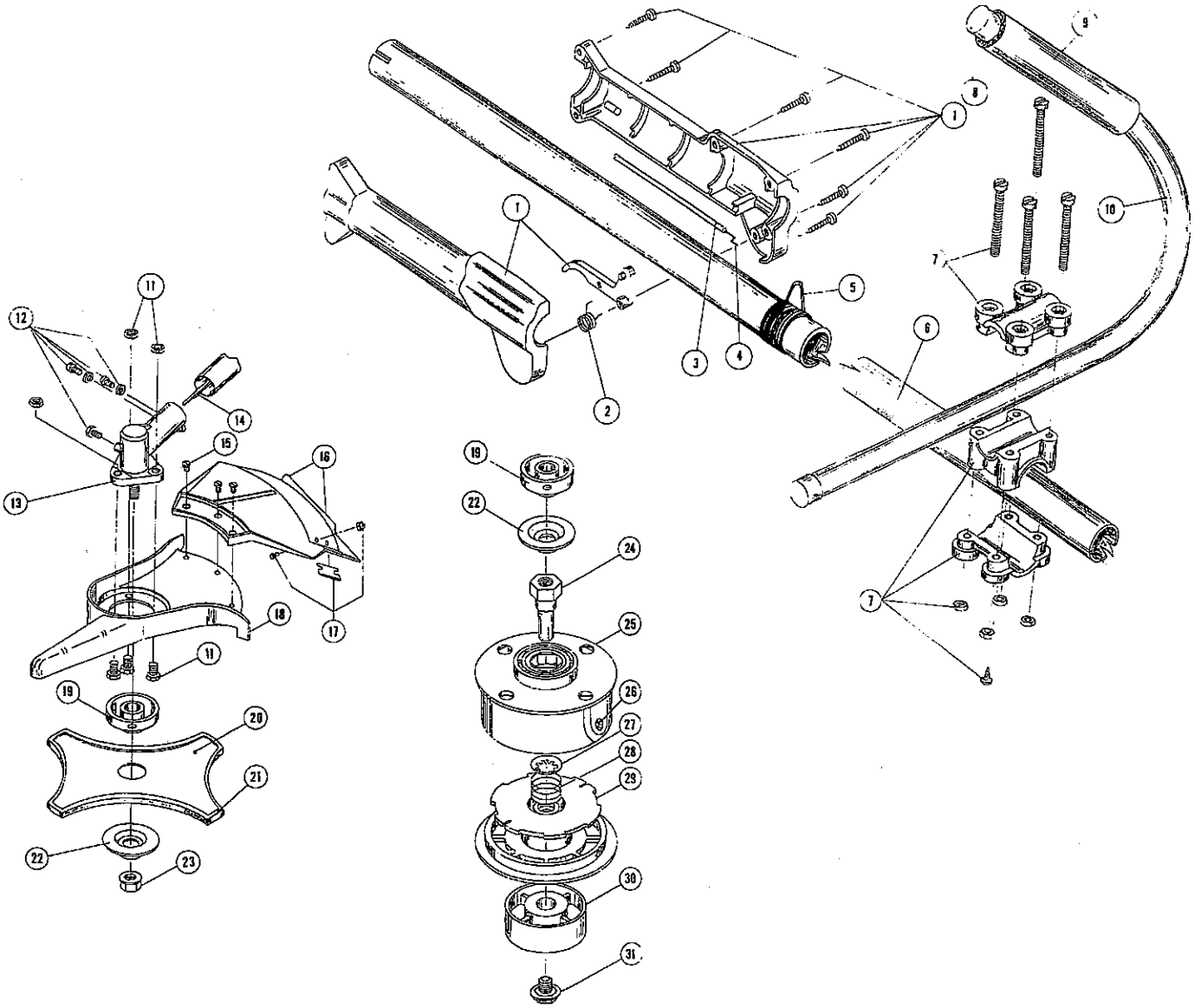
* not shown

The above part numbers are for serial numbers 001031001 thru 102066940.

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983

BOOM & TRIMMER PARTS - RYOBI 780r



Item	Part No.	Description
1	180017	Throttle Housing and Trigger Assembly
2	610314	Throttle Trigger Spring
3	180099	Throttle Cable Housing
4	610315	Throttle Cable
5	610327	Shoulder Strap Clamp
6	147486	Drive Shaft Housing Assembly
7	683295	Handle Bracket Assembly
8	612021	Tube Closure
9	612831	Grip
10	683870	J-Handle Assembly (includes items 8 and 9)
11	147539	Guard Mount Screws
12	147677	Mounting Hardware and Grease Plug Set
13	147488	Gear Box Assembly (items 14-16, 32)
14	147542	Flexible Drive Shaft
15	683304	Guard Mounting Screws
16	683299	Guard and Blade Assembly
17	682061	Blade Assembly
18	147492	Guard Mount
19	147489	Blade Driver
20	145873	Blade
21	147670	Blade Tooth Cover
22	147490	Lower Retaining Washer
23	147491	Lock Nut

Item	Part No.	Description
24	612483	Spool Shaft
25	147494	Outer Spool and Eyelet Assembly
26	145566	Eyelet
27	612026	Retainer (10 pack)
28	610636	Spring
29	147495	Inner Reel
30	147496	Bump Head Knob Assembly
31	147676	Bump Head Bolt
*	682075	Shoulder Strap Assembly
*	147541	IDC 2-Cycle Oil (4 oz. can)
*	147299	Locking Rod Tool
*	147498	Complete Head Assembly (items 24-31)
*	683628	Combination Wrench

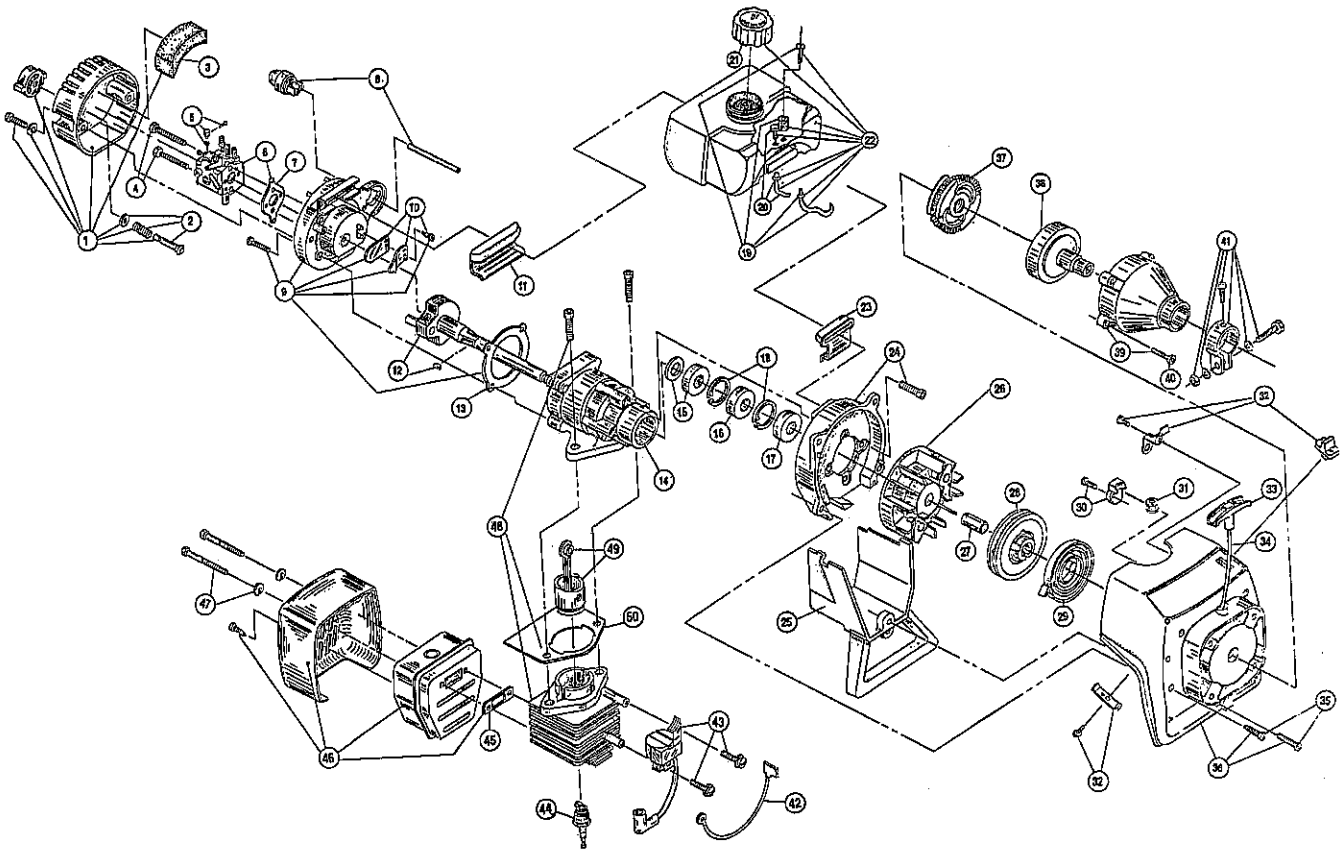
Optional Accessories

*	147345	Spool and 30 ft. Line (dual)
*	610375	Monoflail Cutting Line, 50 ft.
*	180014	Blade Retaining Kit (items 22 and 23)

* not shown

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983



Item	Part No.	Description
1	683414	Carburetor/Air Cleaner Cover Assembly (includes items 2 and 3)
2	682052	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)
6	147602	Carburetor Assembly
7	610675	Carburetor Gasket (10 pack)
8	683974	Primer and Hose Assembly
9	180033	Carburetor Mount Assembly
10	147573	Reed Assembly
11	612134	Rear Mounting Pad
12	180022	Power Shaft Assembly
13	612115	Carburetor Mount Gasket (10 pack)
14	147015	Crankcase
15	682041	Inner Bearing Assembly
16	610309	Seal
17	610308	Outer Bearing Assembly
18	682040	Snap Ring Assembly
19	682039	Fuel Line Assembly
20	147290	Return Line Assembly
21	180000	Fuel Cap Assembly
22	147580	Fuel Tank Assembly (includes items 19-21)
23	145308	Front Mounting Pad
24	153520	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	180035	Switch Assembly

Item	Part No.	Description
33	610300	Pull Handle
34	613103	Rope
35	147544	Starter Housing Screw Set
36	180101	Starter Housing Assembly
37	153591	Clutch Rotor Assembly
38	153592	Clutch Drum Assembly
39	180098	Clutch Cover Assembly
40	145888	Clutch Cover Screw Assembly
41	153597	Upper Clamp Assembly
42	180036	Wire Lead
43	683390	Module Assembly
44	610311	Spark Plug
45	610672	Exhaust Gasket (10 pack)
46	180119	Muffler Assembly
47	147575	Muffler Mounting Bolt Assembly
48	180063	Cylinder Assembly
49	147012	Piston and Rod Assembly
50	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)
*	682507	Piston Ring
*	180027	Short Block Assembly (items 12, 14-18, 48-50)
*	180026	Crankcase Service Assembly (items 12, 14-18)
*	610676	Flywheel Key (10 pack)

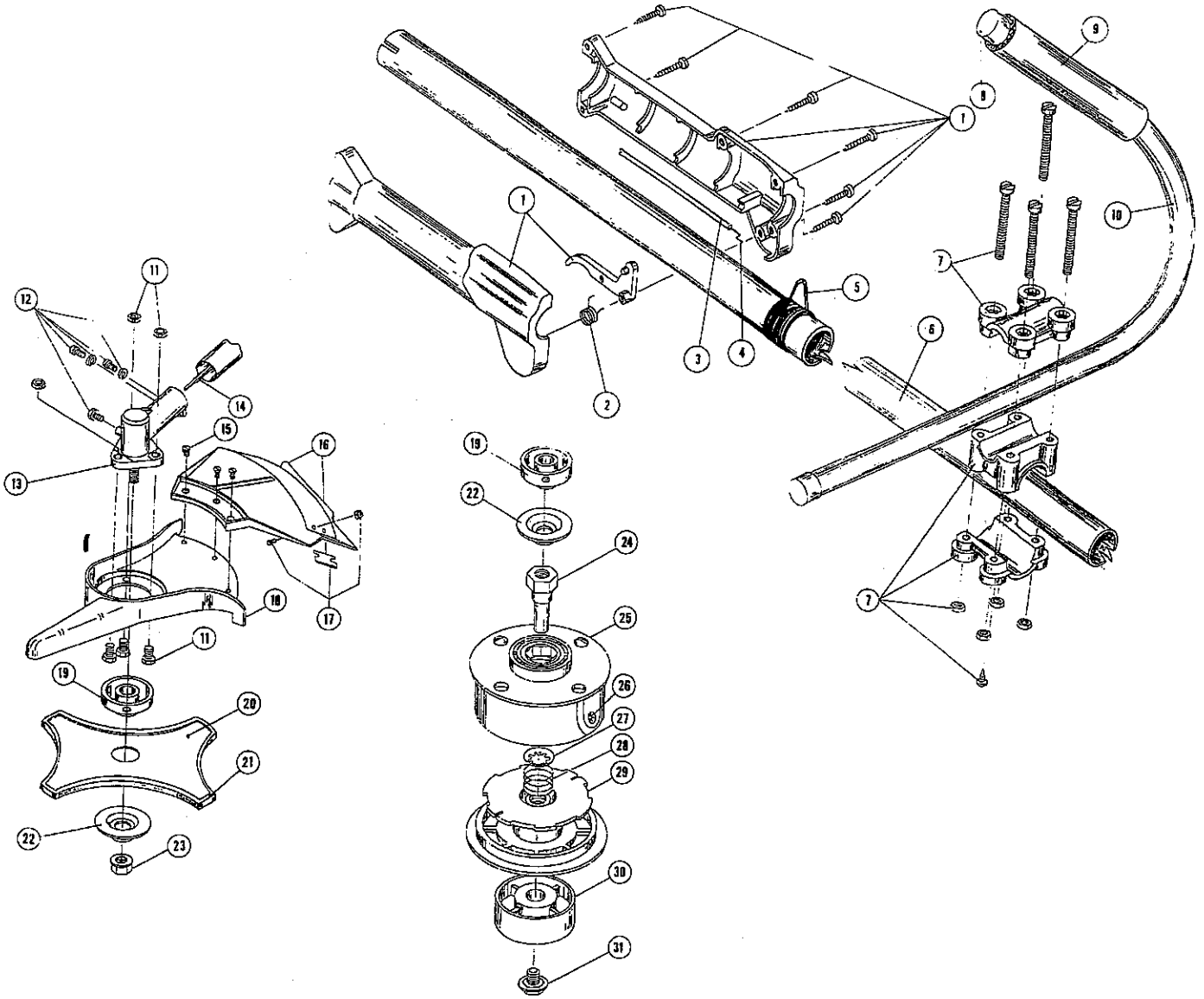
* not shown

The above part numbers are for serial numbers 102066941 thru 203096320.

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983

BOOM & TRIMMER PARTS - RYOBI 780r-1



Item	Part No.	Description
1	180017	Throttle Housing and Trigger Assembly
2	610314	Throttle Trigger Spring
3	180021	Throttle Cable Housing
4	180127	Throttle Cable
5	610327	Shoulder Strap Clamp
6	147486	Drive Shaft Housing Assembly
7	683295	Handle Bracket Assembly
8	612021	Tube Closure
9	612831	Grip
10	683870	J-Handle Assembly (includes items 8 and 9)
11	147539	Guard Mount Screws
12	147677	Mounting Hardware and Grease Plug Set
13	147488	Gear Box Assembly (items 14-16, 32)
14	147542	Flexible Drive Shaft
15	683304	Guard Mounting Screws
16	683299	Guard and Blade Assembly
17	682061	Blade Assembly
18	147492	Guard Mount
19	147489	Blade Driver
20	145873	Blade
21	147670	Blade Tooth Cover
22	147490	Lower Retaining Washer

Item	Part No.	Description
23	147491	Lock Nut
24	612483	Spool Shaft
25	147494	Outer Spool and Eyelet Assembly
26	145566	Eyelet
27	612026	Retainer (10 pack)
28	610636	Spring
29	147495	Inner Reel
30	147496	Bump Head Knob Assembly
31	147676	Bump Head Bolt
*	682075	Shoulder Strap Assembly
*	147541	IDC 2-Cycle Oil (4 oz. can)
*	147299	Locking Rod Tool
*	147498	Complete Head Assembly (items 24-31)
*	683628	Combination Wrench

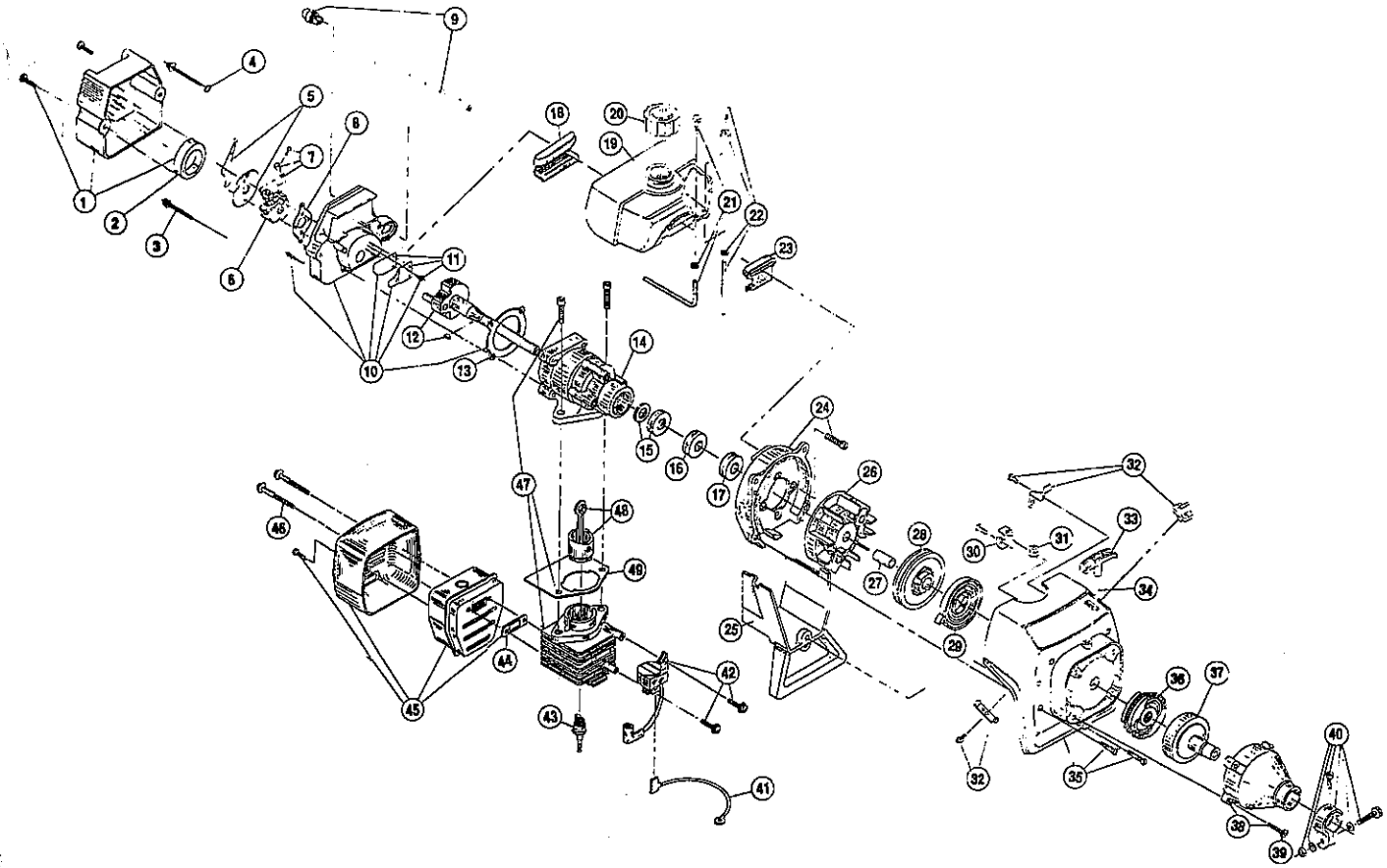
Optional Accessories

*	147345	Spool and 30 ft. Line (dual)
*	180120	Monoflail Cutting Line, 50 ft.
*	180014	Blade Retaining Kit (items 22 and 23)

* not shown

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983



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	147602	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
11	147573	Reed Assembly
12	180022	Power Shaft Assembly
13	612115	Carburetor Mount Gasket (10 pack)
14	180026	Crankcase Service Assembly (items 12, 15-17)
15	682041	Inner Bearing Assembly
16	610309	Seal
17	610308	Outer Bearing Assembly
18	612134	Rear Mounting Pad
19	147580	Fuel Tank Assembly (includes items 20-22)
20	180000	Fuel Cap Assembly
21	147290	Return Line Assembly
22	682039	Fuel Line Assembly
23	145308	Front Mounting Pad
24	153520	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	180035	Switch Assembly

Item	Part No.	Description
33	610300	Pull Handle
34	613103	Rope
35	180101	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	180036	Wire Lead
42	683390	Module Assembly
43	610311	Spark Plug
44	610672	Exhaust Gasket (10 pack)
45	180119	Muffler Assembly (includes 44 and 46)
46	147575	Muffler Mounting Bolt 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)
*	682507	Piston Ring
*	180027	Short Block Assembly (items 12, 14-17, 48-50)
*	610676	Flywheel Key (10 pack)
*	147544	Starter Housing Screw Set

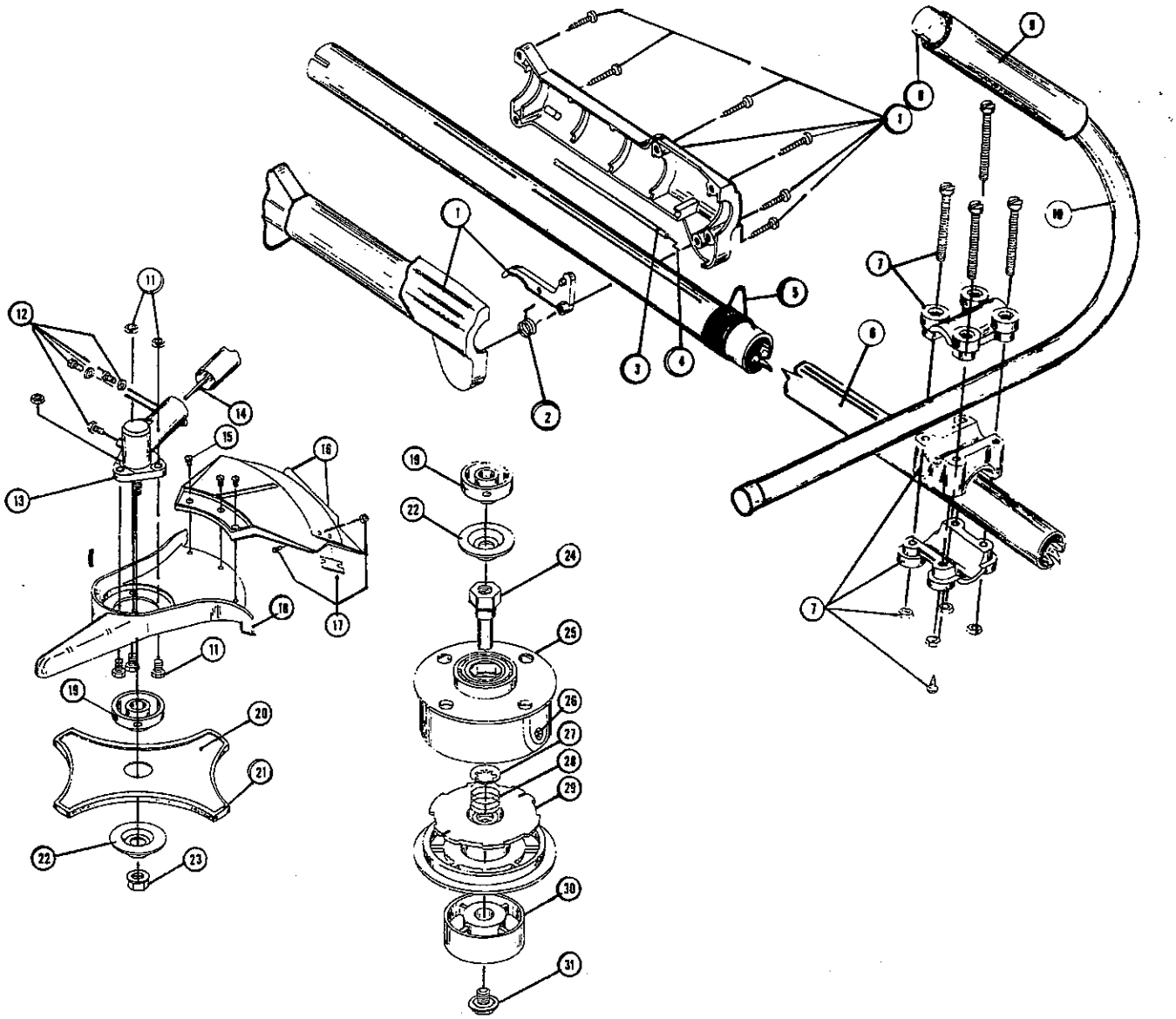
* not shown

The above part numbers are for serial numbers 203096321 and greater.

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983

BOOM & TRIMMER PARTS - RYOBI 780r



Item	Part No.	Description
1	180277	Throttle Housing and Trigger Assembly
2	610314	Throttle Trigger Spring
3	180021	Throttle Cable Housing
4	180127	Throttle Cable
5	610327	Shoulder Strap Clamp
6	147486	Drive Shaft Housing Assembly
7	683295	Handle Bracket Assembly
8	612021	Tube Closure
9	612831	Grip
10	683870	J-Handle Assembly (items 8 and 9)
11	147539	Guard Mount Screws
12	147677	Mounting Hardware and Grease Plug Assembly
13	147488	Gear Box Assembly (items 12, 19, 22, 23)
14	147542	Flexible Drive Shaft
15	683304	Guard Mounting Screws
16	683299	Guard and Blade Assembly (includes item 21)
17	682061	Blade Assembly
18	147492	Guard Mount
19	147489	Blade Driver
20	145873	Blade
21	147670	Blade Cover
22	147490	Blade Retaining Washer

Item	Part No.	Description
23	147491	Lock Nut
24	612483	Spool Shaft
25	147494	Outer Spool and Eyelet Assembly
26	145566	Eyelet
27	612026	Retainer (10 pack)
28	610636	Spring
29	147495	Inner Reel
30	147496	Bump Head Knob Assembly
31	147676	Bump Head Bolt
*	147299	Locking Rod Tool
*	682075	Shoulder Strap Assembly

Optional Accessories

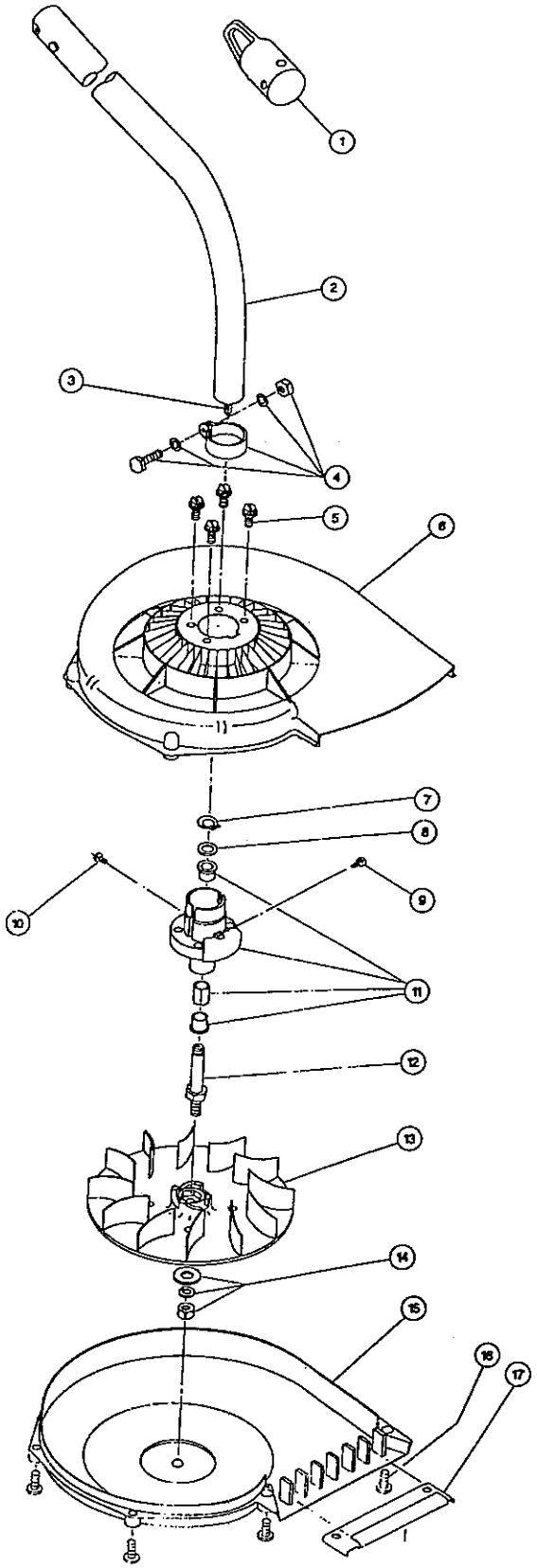
*	180120	Monoflail Cutting Line, 50 ft. (.095 line)
*	147345	Spool and Line (40 ft.) Assembly
*	147498	Complete Head Assembly (items 24-31)
*	180014	Blade Retaining Kit (items 22 and 23)
*	147541	IDC or Ryobi 2-Cycle Oil (4 oz. can)

* not shown

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983

BLOWER PARTS - RYOBI 780rb

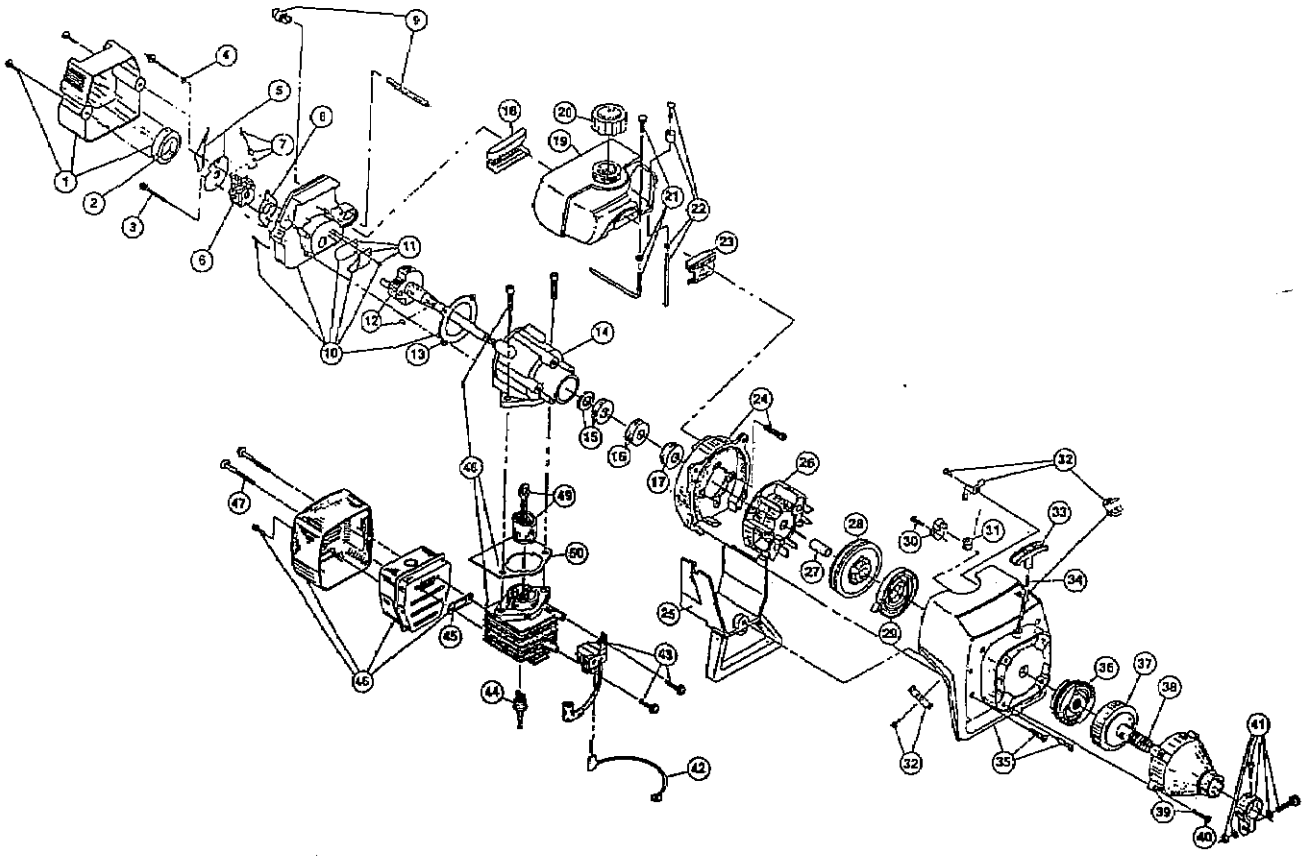


Item	Part No.	Description
1	612605	Hanger
2	683604	Drive Shaft Housing Assembly
3	683608	Drive Shaft Assembly
4	153597	Lower Clamp Assembly
5	153318	Mounting Screw Assembly
6	180200	Upper Housing Assembly
7	145570	Retaining Ring
8	145567	Washer
9	145569	Screw, Oil Hole
10	145569	Screw, Anti-Rotation
11	683660	Housing, Bushing Assembly
12	612559	Shaft Impeller
13	180196	Impeller
14	683661	Nut and Washer Assembly
15	180106	Housing, Lower
16	683662	Mounting Screw Assembly
17	612562	Edge Guard

The above part numbers are for serial numbers 203096321 and greater.

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983



Item	Part No.	Description
1	180349	Carburetor/Air Cleaner Assembly
2	180350	Air Cleaner Filter
3	180351	Carburetor Mounting Screw Assembly
4	180352	Wavey Washer
5	180353	Choke Lever and Plate
6	147602	Carburetor Assembly
7	682048	Throttle Adjustment Assembly
8	610675	Carburetor Gasket (10 pack)
9	683974	Primer and Hose Assembly
10	180354	Carburetor Mount Assembly (includes items 11 and 13)
11	147573	Reed Assembly
12	180022	Power Shaft Assembly
13	612115	Carburetor Mount Gasket (10 pack)
14	180026	Crankcase Service Assembly (items 12, 14-17)
15	682041	Inner Bearing Assembly
16	610309	Seal
17	610308	Outer Bearing Assembly
18	612134	Rear Mounting Pad
19	147580	Fuel Tank Assembly (includes items 20-22)
20	180000	Fuel Cap Assembly
21	147290	Return Line Assembly
22	682039	Fuel Line Assembly
23	145308	Front Mounting Pad
24	153520	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	180035	Switch Assembly

Item	Part No.	Description
33	610300	Pull Handle
34	613103	Rope
35	180101	Starter Housing Assembly
36	153591	Clutch Rotor Assembly
37	153592	Clutch Drum Assembly
38	612468	Spring
39	683601	Clutch Cover Assembly
40	145888	Clutch Cover Screw Assembly
41	153597	Upper Clamp Assembly
42	180036	Wire Lead
43	683390	Module Assembly
44	610311	Spark Plug
45	610672	Exhaust Gasket (10 pack)
46	180119	Muffler Assembly
47	147575	Muffler Mounting Bolt Assembly
48	180063	Cylinder Assembly
49	147012	Piston and Rod Assembly
50	145564	Cylinder Gasket (10 pack)
*	180034	Engine Hardware Kit
*	180011	Engine Gasket Kit
*	153308	O.E.M. Carburetor Repair Kit
*	153309	Gasket-Diaphragm Repair Kit
*	180530	Piston Ring
*	180027	Short Block Assembly (items 12, 14-17, 48-50)
*	610676	Flywheel Key (10 pack)
*	147544	Starter Housing Screw Set

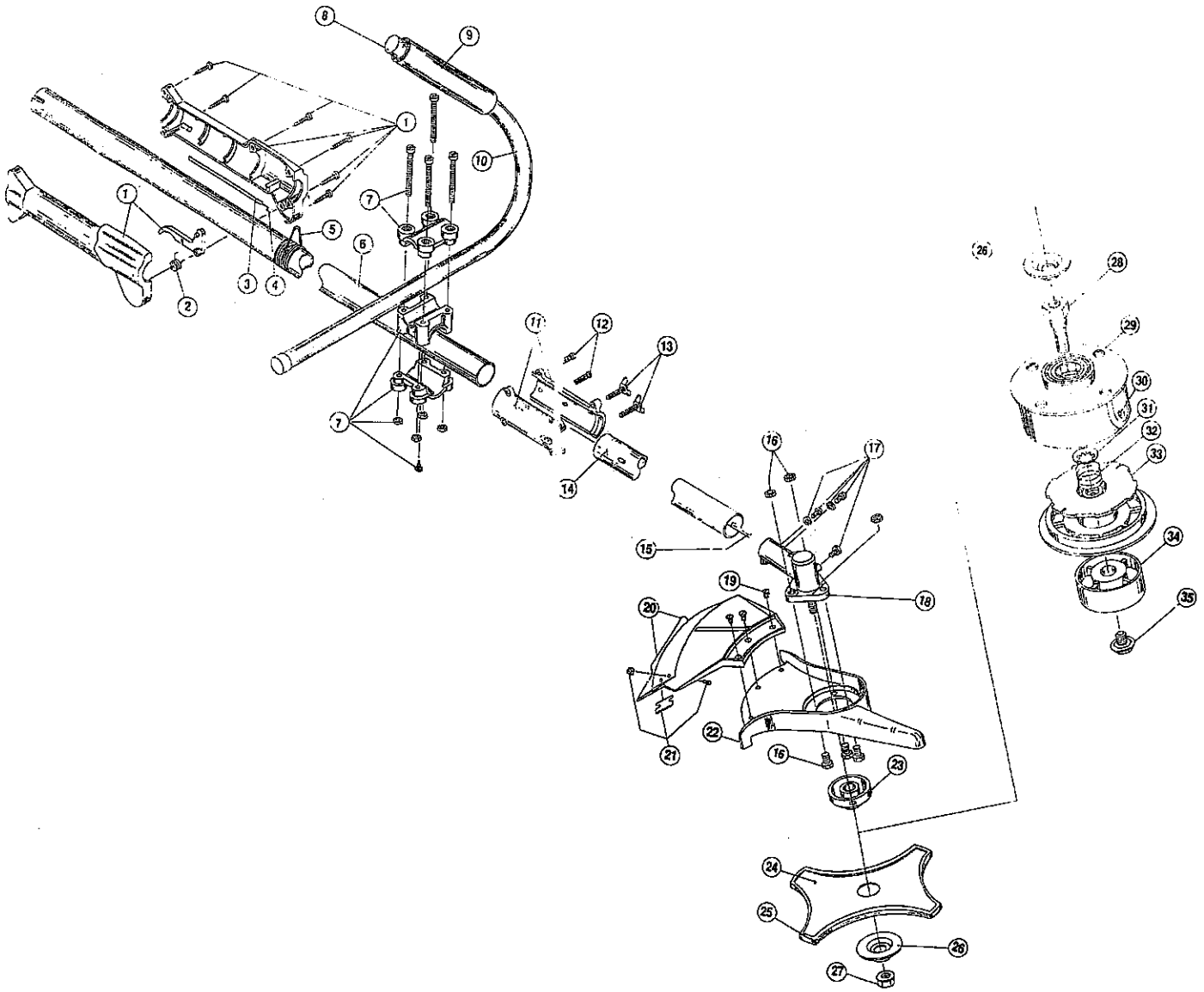
* not shown

The above part numbers are for serial numbers 303080348 and greater.

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983

BOOM AND TRIMMER PARTS-RYOBI 780re



Item	Part No.	Description
1	180277	Throttle Housing and Trigger Assembly
2	610314	Throttle Trigger Spring
3	180021	Throttle Cable Housing
4	180127	Throttle Cable
5	610327	Shoulder Strap Clamp
6	683603	Drive Shaft Housing Assembly
7	683295	Handle Bracket Assembly
8	612021	Tube Closure
9	612831	Grip
10	683870	J-Handle Assembly (items 8 and 9)
11	683605	Split-Boom Coupling Set
12	683606	Coupling Bolt Assembly
13	683607	Adjustment Knob Set
14	180396	Lower Drive Shaft Housing Assembly
15	180198	Flexible Drive Shaft
16	147539	Guard Mount Screws
17	147677	Mounting Hardware and Grease Plug Assembly
18	147488	Gear Box Assembly (items 12, 19, 22 and 23)
19	683304	Guard Mounting Screws
20	180387	Guard and Blade Assembly
21	682061	Blade Assembly
22	147492	Guard Mount
23	147489	Blade Driver

Item	Part No.	Description
24	145873	Blade
25	147670	Blade Cover
26	147490	Blade Retaining Washer
27	147491	Lock Nut
28	612483	Spool Shaft
29	147494	Outer Spool and Eyelet Assembly
30	145566	Eyelet
31	612026	Retainer (10 pack)
32	610636	Spring
33	147495	Inner Reel
34	147496	Bump Head Knob Assembly
35	147676	Bump Head Bolt

Optional Accessories

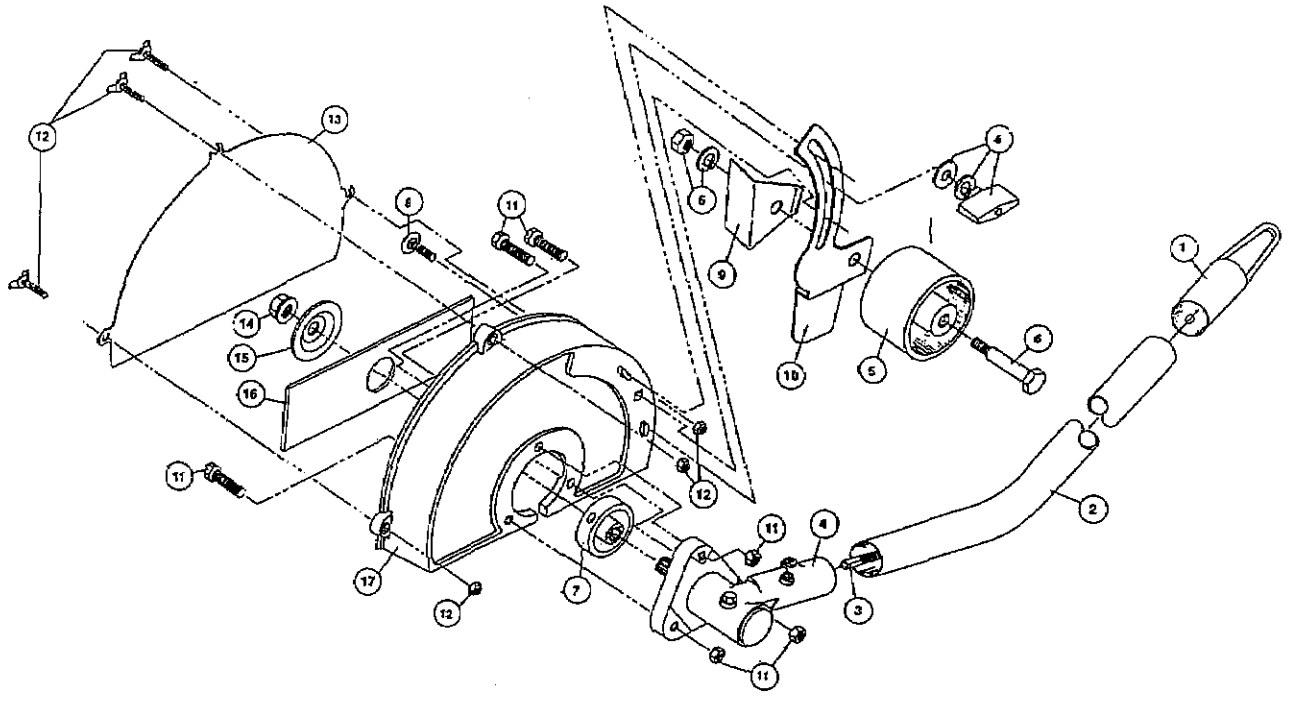
*	180120	Monoflail Cutting Line, 50 ft.
*	147345	Spool and Line, 30 ft. (dual line)
*	147498	Complete Head Assembly (28-35)
*	180014	Blade Retaining Kit (items 26 and 27)
*	147299	Locking Rod Tool
*	147541	IDC or Ryobi 2-Cycle Oil (4 oz. can)
*	682075	Shoulder Strap Assembly

* not shown

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983

EDGER ATTACHMENT PARTS-RYOBI 780re



Item	Part No.	Description
1	612605	Hanger
2	180199	Drive Shaft Housing Assembly
3	180198	Drive Shaft Assembly
4	684067	Gear Box Assembly (includes items 7, 14 and 15)
5	613216	Wheel
6	684057	Wheel Mounting Bolt Assembly
7	684068	Driver, Blade
8	684069	Adjustment Knob Assembly
9	613218	Deflector
10	613129	Guide Bracket
11	684070	Mounting Bolt Assembly, Set
12	684071	Mounting Bolt Set, Cover

Item	Part No.	Description
13	180103	Cover
14	613221	Retaining Nut
15	613222	Retaining Washer
16	180064	Blade
17	613224	Guard
*	613225	Wrench
*	613226	Locking Rod
*	180114	Blade Retainer Kit (items 4 and 5)

* not shown

The above part numbers are for serial numbers 303080348 and greater.

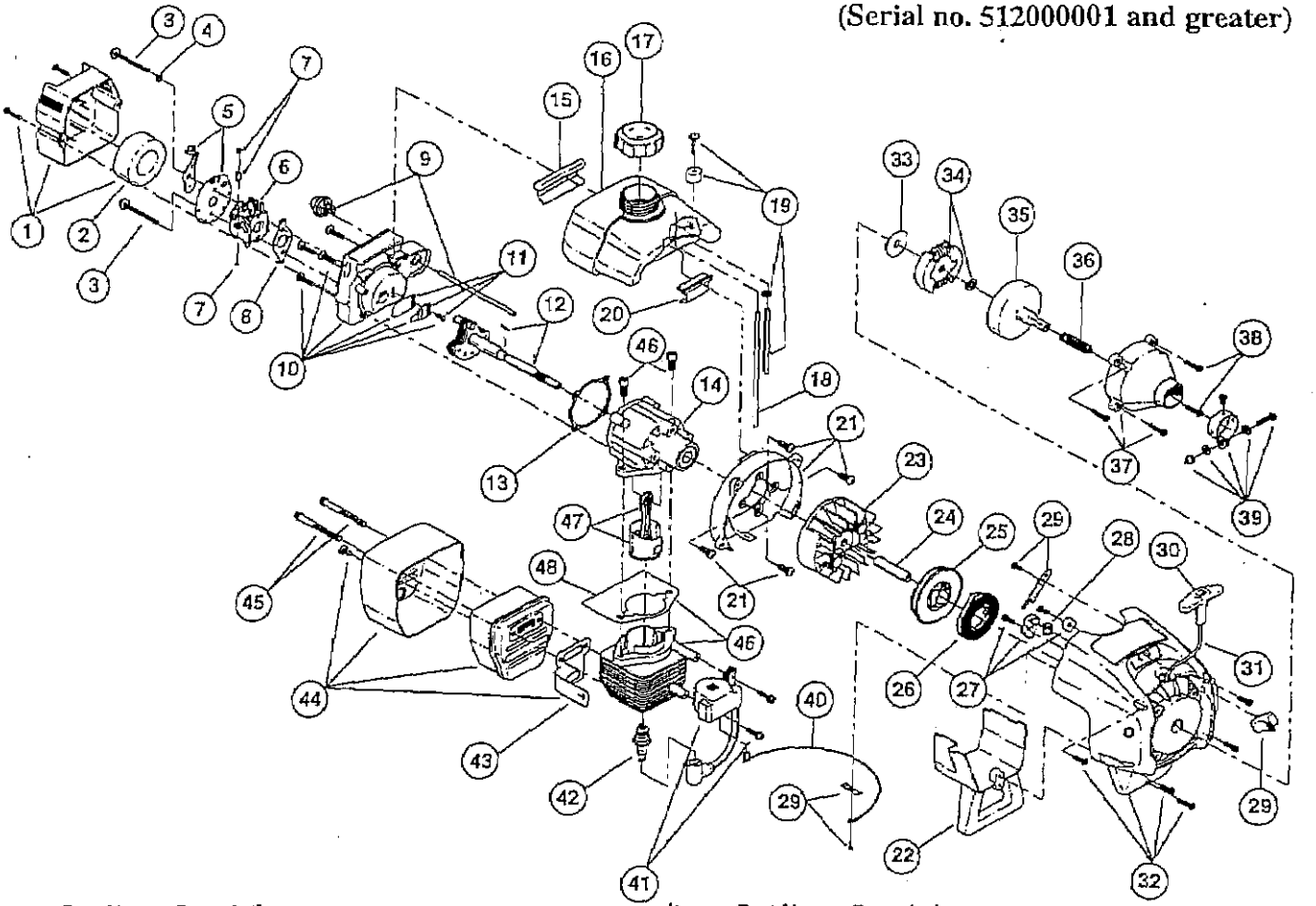
Issued 6/93

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983

ENGINE PARTS - MODEL 780r/790r

(Serial no. 512000001 and greater)



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	180985	Carburetor Assembly W/Limiter Caps
7	682046	Throttle Adjustment Assembly (Walbro)
7	180092	Throttle Adjustment Assembly (Zama)
8	610675	Carburetor Gasket (10 pack)
9	181558	Primer and Hose Assembly
10	180354	Carb Mount Assembly
11	147573	Reed Assembly
12	180022	Power Shaft Assembly
13	612115	Carburetor Mount Gasket (10 pack)
14	180026	Crank Case Service Assembly (includes 12)
15	612134	Rear Mounting Pad
16	181438	Fuel Tank Assembly (includes 17-19)
17	181559	Fuel Cap Assembly
18	181168	Fuel Return Line
19	682039	Fuel Line Assembly
20	145308	Front Mounting Pad
21	153520	Shroud Assembly
22	683076	Shroud Extension and Stand
23	180929	Flywheel Assembly
24	181065	Spacer
25	180535	Recoil Pulley Assembly
26	613102	Recoil Spring
27	181441	Pulley Retainer Assembly
28	611061	Rope Guide
29	181442	Switch Assembly
30	610300	Pull Handle
31	613103	Rope
32	181443	Starter Housing Assembly

Item	Part No.	Description
33	181074	Clutch Washer
34	181445	Clutch Rotor Assembly
35	153592	Clutch Drum Assembly
36	612468	Spring (Model 790r only)
37	683601	Clutch Cover Assembly
38	181345	Clutch Cover Screw
39	153597	Upper Clamp Assembly
40	180036	Wire Lead
41	683390	Module Assembly
42	610311	Spark Plug
43	180980	Exhaust Gasket
44	180119	Muffler Assembly (includes 45)
45	147575	Muffler Mounting Bolt Assembly
46	180063	Cylinder Assembly
47	147012	Piston and Rod Assembly
48	610674	Cylinder Gasket (10 pack)
*	180034	Engine Hardware Kit
*	180011	Engine Gasket Kit
*	153308	O.E.M. Carburetor Repair Kit (Walbro)
*	180090	O.E.M. Carburetor Repair Kit (Zama)
*	153309	Gasket Diaphragm Repair Kit (Walbro)
*	180091	Gasket Diaphragm Repair Kit (Zama)
*	180530	Piston Ring
*	180027	Short Block Assembly (items 12, 14, 42, 46-48)
*	610676	Flywheel Key (10 pack)
*	147544	Starter Housing Screw Set
*	180986	Carburetor Limiter Cap Set (Walbro)
*	181562	Carburetor Limiter Cap Set (Zama)
*	610309	Crankcase Seal

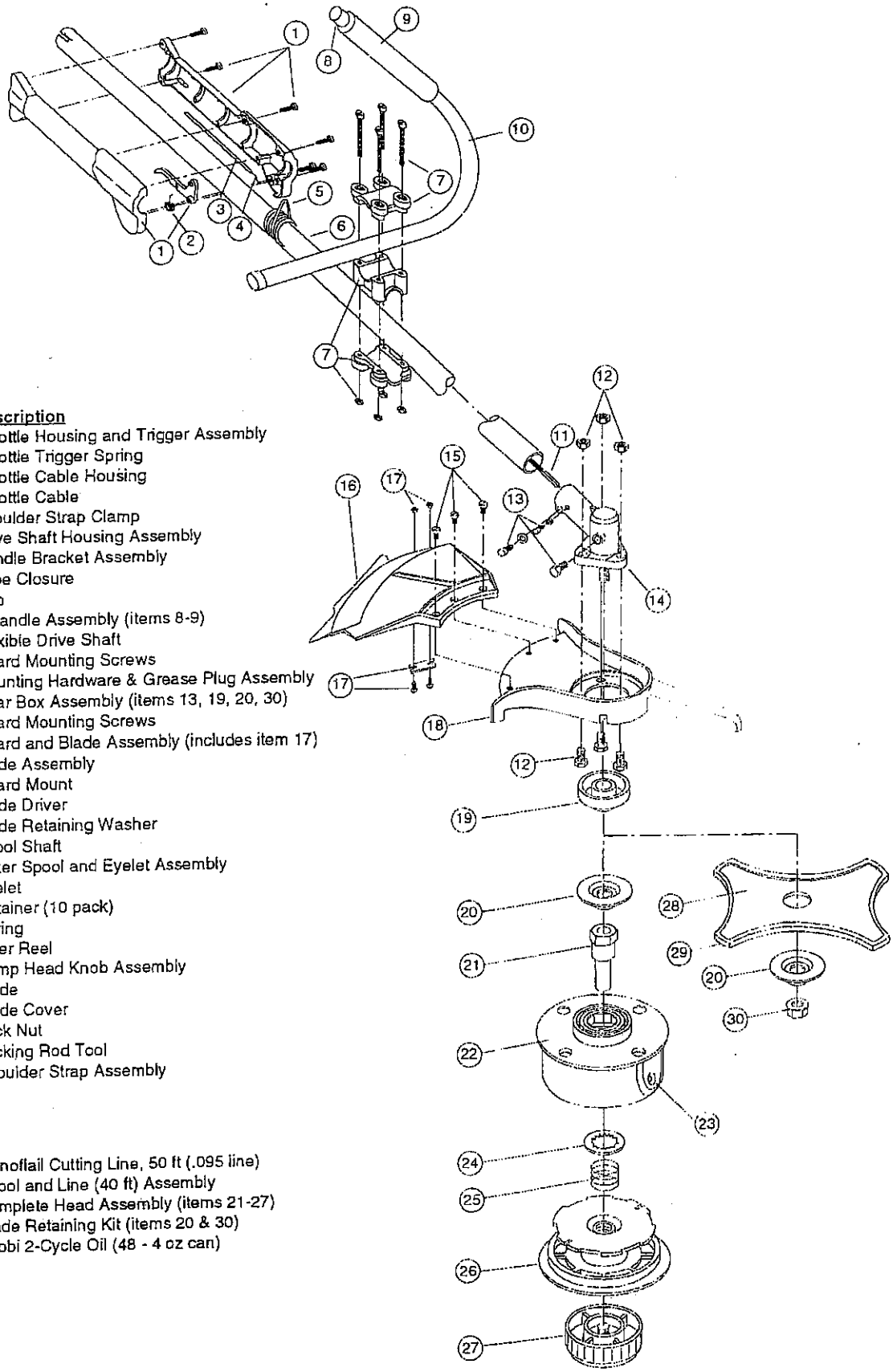
* not shown

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983

BOOM AND TRIMMER PARTS-MODEL 780r

(Serial no. 512000001 and greater)



Item	Part No.	Description
1	180277	Throttle Housing and Trigger Assembly
2	610314	Throttle Trigger Spring
3	181554	Throttle Cable Housing
4	180127	Throttle Cable
5	610327	Shoulder Strap Clamp
6	147486	Drive Shaft Housing Assembly
7	683295	Handle Bracket Assembly
8	612021	Tube Closure
9	612831	Grip
10	180286	J-Handle Assembly (items 8-9)
11	180406	Flexible Drive Shaft
12	147539	Guard Mounting Screws
	147677	Mounting Hardware & Grease Plug Assembly
	147488	Gear Box Assembly (items 13, 19, 20, 30)
15	683304	Guard Mounting Screws
16	683299	Guard and Blade Assembly (includes item 17)
17	682061	Blade Assembly
18	147492	Guard Mount
19	147489	Blade Driver
20	147490	Blade Retaining Washer
21	612483	Spool Shaft
22	147494	Outer Spool and Eyelet Assembly
23	145566	Eyelet
24	612026	Retainer (10 pack)
25	610636	Spring
26	147495	Inner Reel
27	180814	Bump Head Knob Assembly
28	145873	Blade
29	147670	Blade Cover
30	147491	Lock Nut
*	147299	Locking Rod Tool
*	682075	Shoulder Strap Assembly

Optional Accessories

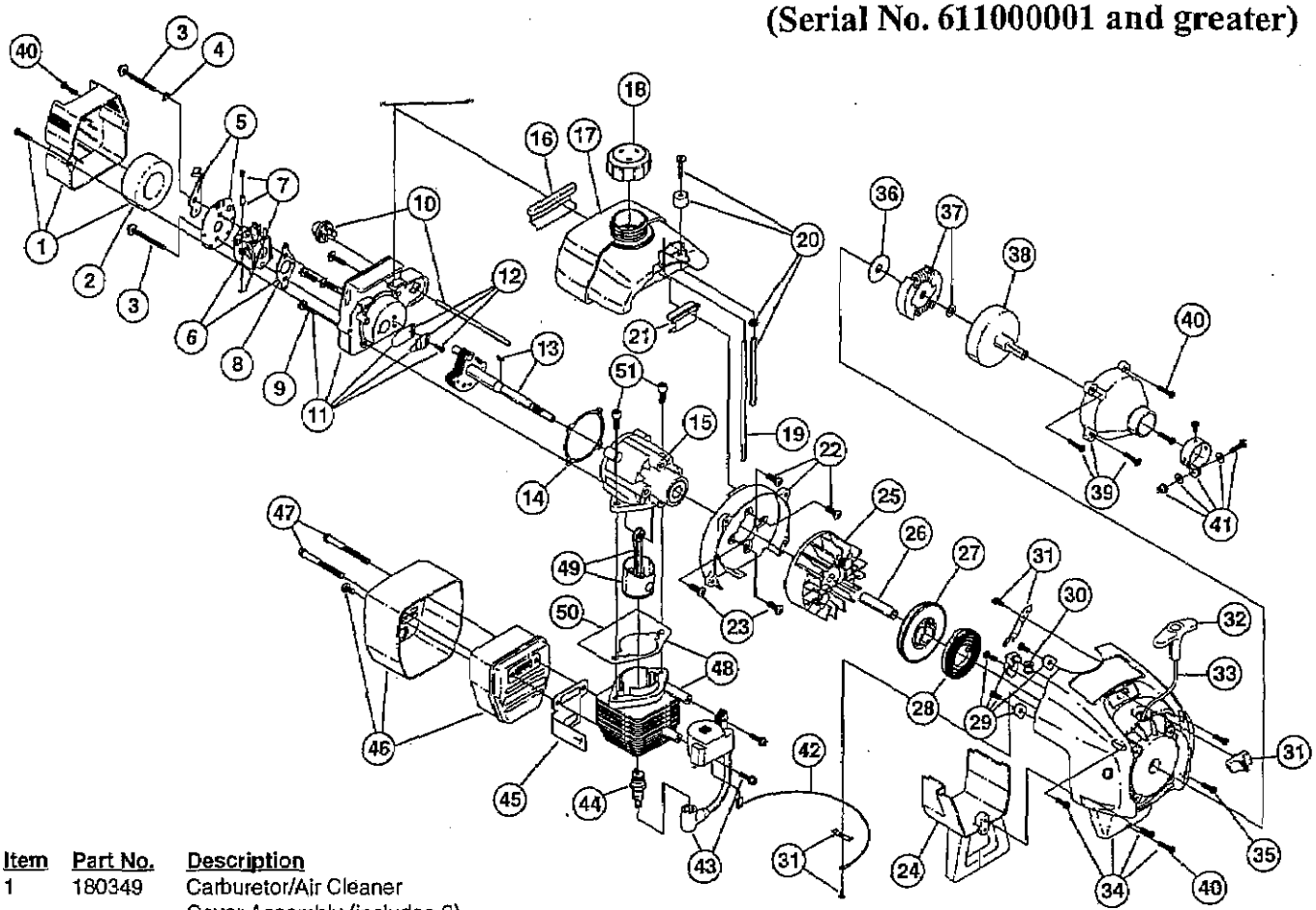
*	180120	Monoflail Cutting Line, 50 ft (.095 line)
*	147345	Spool and Line (40 ft) Assembly
*	147498	Complete Head Assembly (items 21-27)
*	180014	Blade Retaining Kit (items 20 & 30)
*	147541	Ryobi 2-Cycle Oil (48 - 4 oz can)

* not shown

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983

ENGINE PARTS - MODEL 780r
(Serial No. 611000001 and greater)



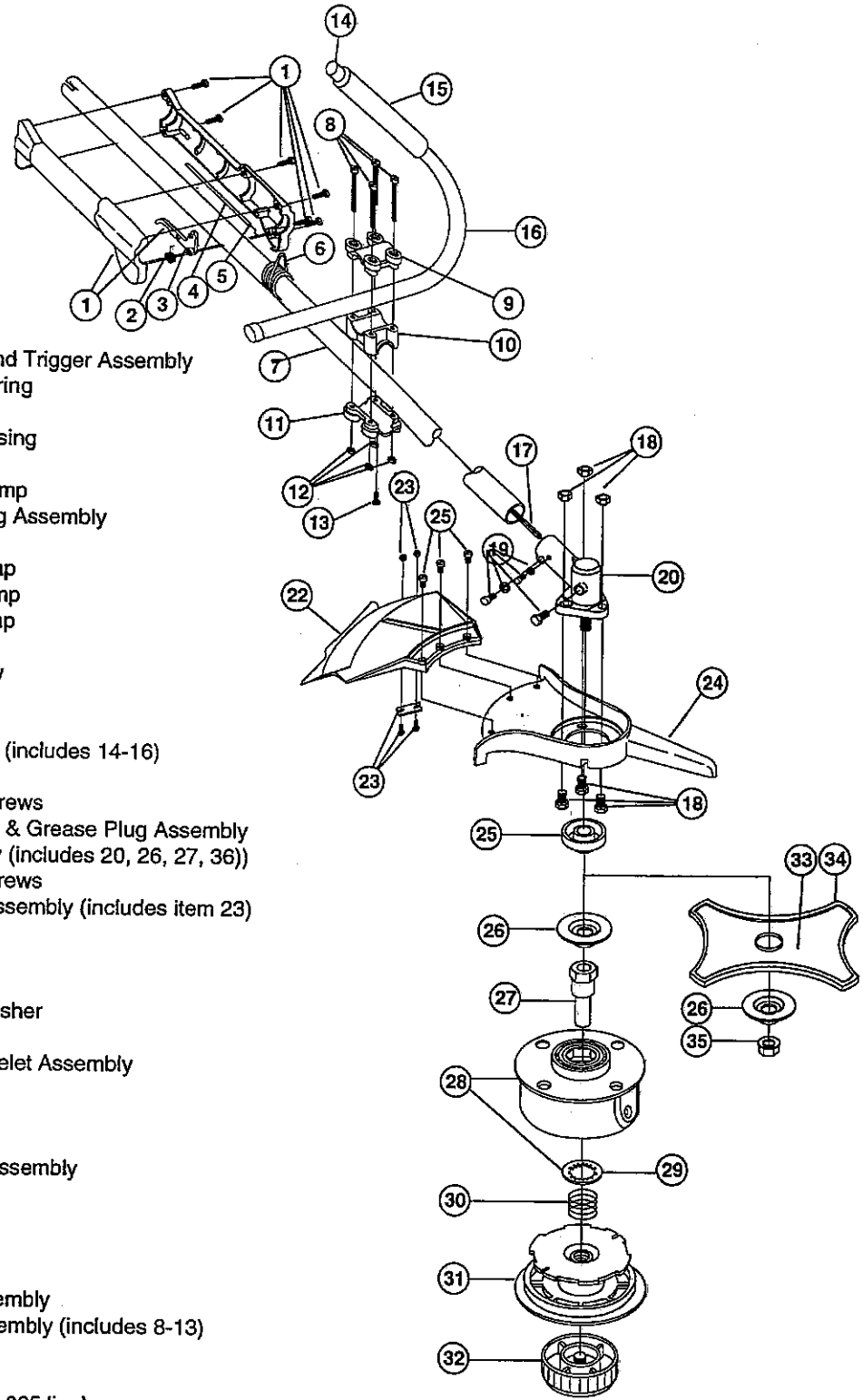
Item	Part No.	Description
1	180349	Carburetor/Air Cleaner Cover Assembly (includes 2)
2	180350	Air Cleaner Filter
3	180351	Carburetor Mounting Screw Assembly
4	180352	Wavey Washer
5	180353	Choke Lever and Plate
6	181675	*Carburetor Assembly W/Limiter Caps* (includes 20)
7	682048	Throttle Adjustment Assembly (Walbro)
7	180092	Throttle Adjustment Assembly (Zama)
8	610675	Carburetor Gasket
9	181860	Carb Mount Screw
10	181558	Primer and Hose Assembly
11	180354	Carb Mount Assembly
12	684451	Reed Assembly
13	181498	Power Shaft Assembly
14	612115	*Carburetor Mount Gasket*
15	180026	Crank Case Service Assembly (includes 13)
16	612134	Rear Mounting Pad
17	181438	Fuel Tank Assembly (includes 18-20)
18	181559	Fuel Cap Assembly
19	181168	Fuel Return Line
20	682039	Fuel Line Assembly
21	145308	Front Mounting Pad
22	153520	Shroud Assembly
23	181861	*Shroud Screw*
24	153403	Shroud Extension and Stand
25	180929	Flywheel Assembly
26	181065	Spacer
27	181597	Recoil Pulley Assembly
28	613102	Recoil Spring
29	181441	Pulley Retainer Assembly
30	611061	Rope Guide
31	181442	Switch Assembly (includes 42)
32	181079	*Pull Handle*
33	613103	Rope
34	181443	Starter Housing Assembly (includes 27-34 & 42)
35	181862	Housing Screw
36	181074	*Clutch Washer*
37	181445	Clutch Rotor Assembly
38	153592	Clutch Drum Assembly
39	180098	Clutch Cover Assembly
40	181345	Cover Screw
41	153597	Upper Clamp Assembly
42	180036	Wire Lead
43	683390	Module Assembly
44	610311	Spark Plug
45	180980	*Exhaust Gasket*
46	180119	Muffler Assembly (includes 45 & 46)
47	147575	Muffler Mounting Bolt Assembly
48	181622	Cylinder Assembly (includes 51)
49	684449	Piston and Rod Assembly
50	610674	Cylinder Gasket
51	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 (includes 13, 15, 44, 48-51)
*	610676	Flywheel Key
*	181501	Starter Housing Screw Set
*	180986	Carburetor Limiter Cap Set (Walbro)
*	181562	*Carburetor Limiter Cap Set (Zama)*
*	610309	Crankcase Seal
*	181599	Clutch Springs (Qty. 2)

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983

BOOM AND TRIMMER PARTS-MODEL 780r

(Serial No. 611000001 and greater)



Item	Part No.	Description
1	181678	Throttle Housing and Trigger Assembly
2	610314	Throttle Trigger Spring
3	181556	Throttle Trigger
4	181554	Throttle Cable Housing
5	180127	Throttle Cable
6	610327	Shoulder Strap Clamp
7	147486	Drive Shaft Housing Assembly
8	181811	Screw
9	181812	Upper Handle Clamp
10	181813	Middle Handle Clamp
11	181814	Lower Handle Clamp
12	181815	Nut
13	145569	Anti-Rotation Screw
14	612021	Tube Closure
15	612831	Grip
16	180286	J-Handle Assembly (includes 14-16)
17	180406	Flexible Drive Shaft
18	147539	Guard Mounting Screws
19	147677	Mounting Hardware & Grease Plug Assembly
20	147488	Gear Box Assembly (includes 20, 26, 27, 36))
21	683304	Guard Mounting Screws
22	683299	Guard and Blade Assembly (includes item 23)
23	682061	Blade Assembly
24	147492	Guard Mount
25	147489	Blade Driver
26	147490	Blade Retaining Washer
27	612483	Spool Shaft
28	683301	Outer Spool and Eyelet Assembly
29	612026	Retainer
30	610636	Spring
31	147495	Inner Reel
32	180814	Bump Head Knob Assembly
33	145873	Blade with Cover
34	613231	Blade Cover
35	147491	Lock Nut
*	613226	Locking Rod Tool
*	682075	Shoulder Strap Assembly
*	683295	Handle Bracket Assembly (includes 8-13)

Optional Accessories

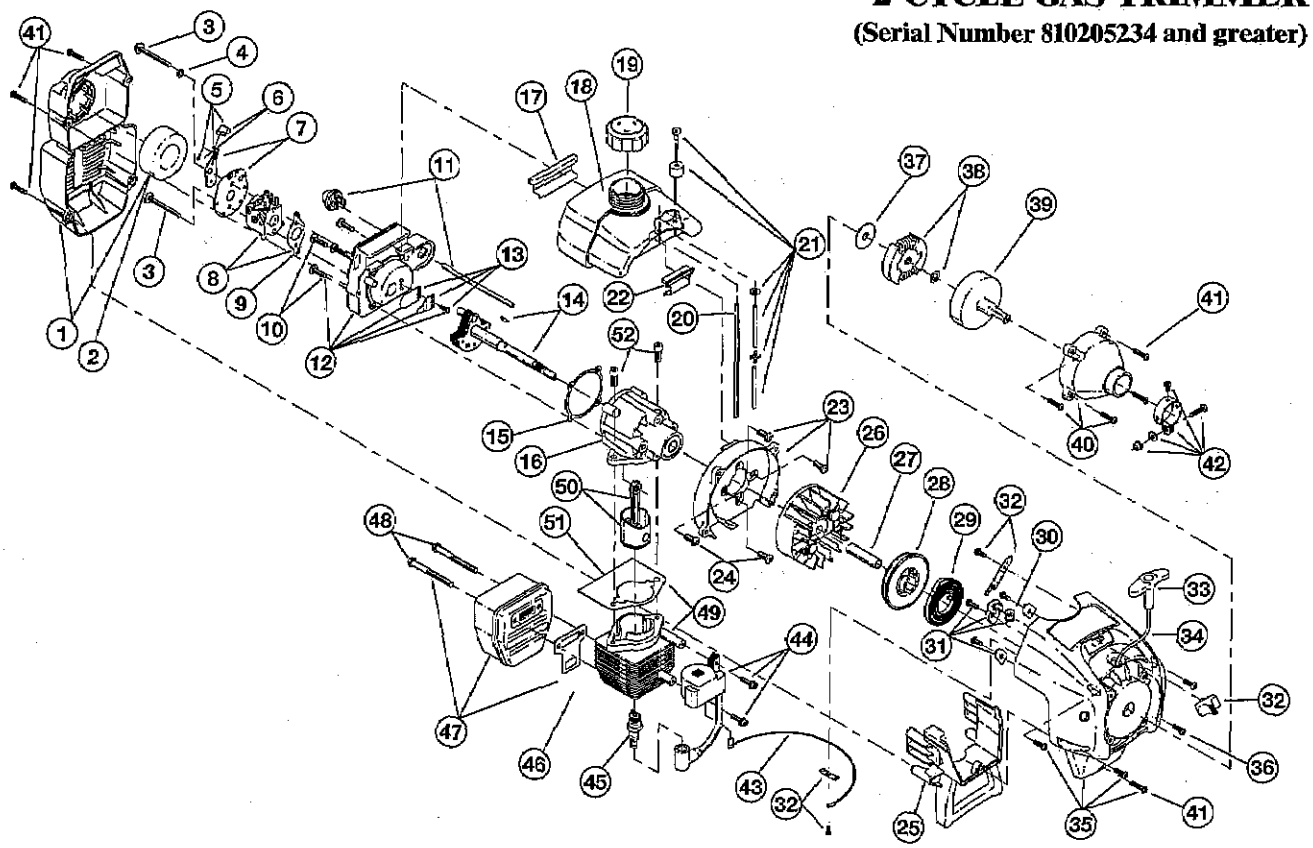
*	180120	Cutting Line, 50 ft (0.095 line)
*	147345	Spool and Line Assembly (40 ft.)
*	147498	Complete Head Assembly (includes 27-32)
*	180014	Blade Retaining Kit (includes 26 & 35)
*	147541	Ryobi 2-Cycle Oil (48 - 4 oz. bottles)

* not shown

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983

ENGINE PARTS - MODEL 780r
2-CYCLE GAS TRIMMER
(Serial Number 810205234 and greater)

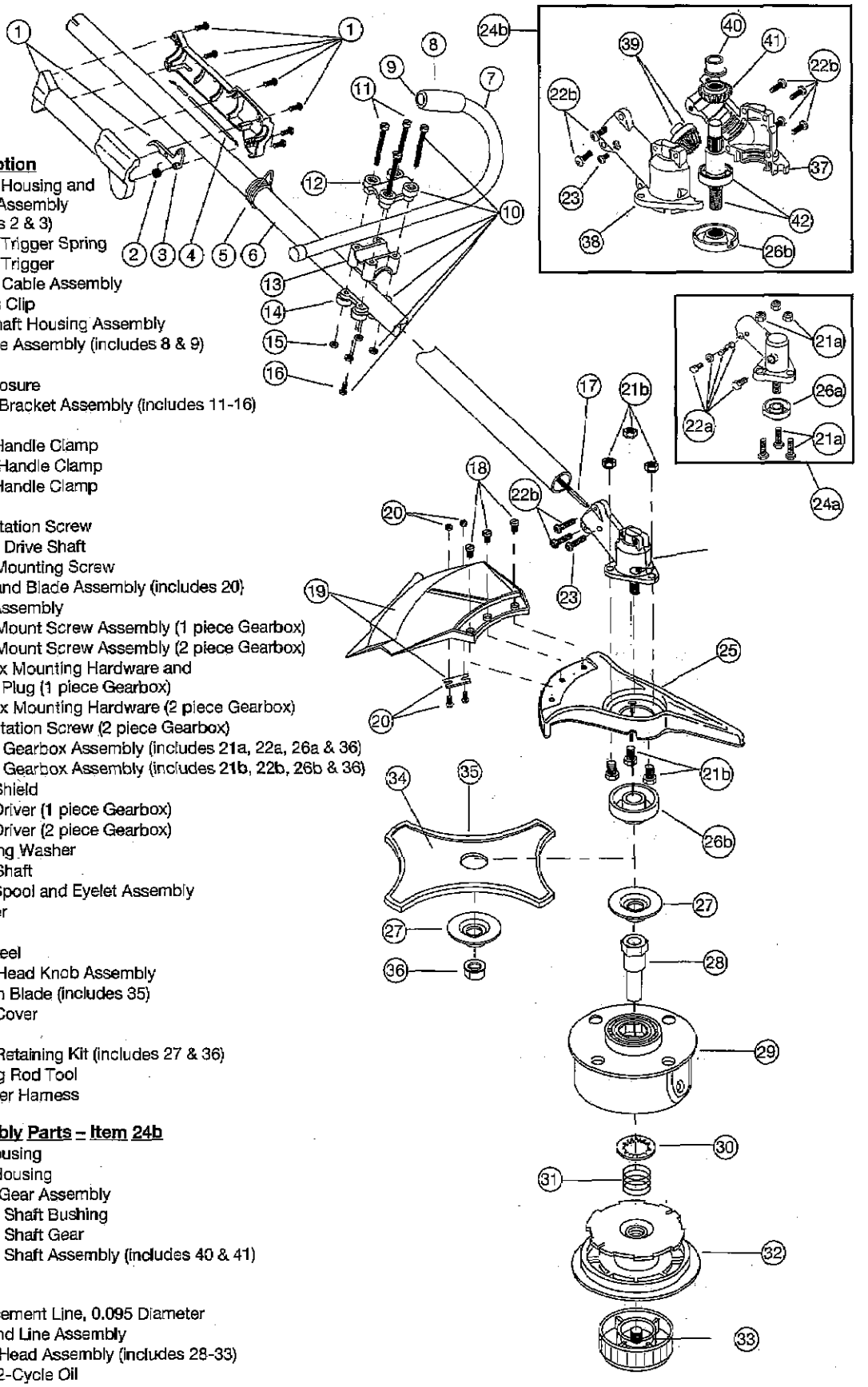


Item	Part No.	Description
1	182059	*Air Cleaner/Muffler Cover Assembly (includes 2 & 41)*
2	180350	Air Cleaner Filter
3	180351	Carburetor Mounting Screw Assembly
4	180352	Wavey Washer
5	182061	Choke Lever Assembly (includes 6)
6	182070	Choke Knob and Screw
7	182060	Choke Lever and Plate (includes 5)
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	181438	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	153520	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	611061	Rope Guide
31	181441	Pulley Retainer Assembly
32	181442	Switch Assembly (includes 43)
33	181079	Pull Handle
34	613103	*Rope*
35	181443	Starter Housing Assembly (includes 28-34 & 43)
36	181862	Housing Screw
37	181074	Clutch Washer
38	181445	Clutch Rotor Assembly
39	153592	Clutch Drum Assembly
40	180098	Clutch Cover Assembly
41	181345	Cover Screw
42	153597	Upper Clamp Assembly
43	180036	Wire Lead
44	181937	*Module Assembly*
45	610311	Spark Plug
46	182065	Exhaust Gasket
47	182066	Muffler Assembly (includes 48)
48	147575	Muffler Mounting Bolt Assembly
49	181622	Cylinder Assembly (includes 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)
*	181873	Gasket Diaphragm Repair Kit (Walbro)
*	180091	Gasket Diaphragm Repair Kit (Zama)
*	180530	Piston Ring
*	181623	Short Block Assembly (includes 10, 14, 16, 24, 45, 49-52)
*	610676	Flywheel Key
*	181501	Starter Housing Screw Set
*	610309	Crankcase Seal
*	181599	Clutch Springs (Qty. 2)
*	Items Not Shown	

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983

BOOM AND TRIMMER PARTS - MODEL 780r
2-CYCLE GAS TRIMMER
(Serial Number 810205234 and greater)



Item	Part No.	Description
1	182079	Throttle Housing and Trigger Assembly (includes 2 & 3)
2	610314	Throttle Trigger Spring
3	181556	Throttle Trigger
4	182068	Throttle Cable Assembly
5	610327	Harness Clip
6	147486	Drive Shaft Housing Assembly
7	180286	J-Handle Assembly (includes 8 & 9)
8	612831	Grip
9	612021	Tube Closure
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	181817	Flexible Drive Shaft
18	683304	Shield Mounting Screw
19	683299	Shield and Blade Assembly (includes 20)
20	682061	Blade Assembly
21a	147539	Shield Mount Screw Assembly (1 piece Gearbox)
21b	182200	Shield Mount Screw Assembly (2 piece Gearbox)
22a	147677	Gearbox Mounting Hardware and Grease Plug (1 piece Gearbox)
22b	182195	Gearbox Mounting Hardware (2 piece Gearbox)
23	145569	Anti-Rotation Screw (2 piece Gearbox)
24a	147488	1 piece Gearbox Assembly (includes 21a, 22a, 26a & 36)
24b	182193	2 piece Gearbox Assembly (includes 21b, 22b, 26b & 36)
25	147492	Blade Shield
26a	147489	Blade Driver (1 piece Gearbox)
26b	182196	Blade Driver (2 piece Gearbox)
27	147490	Retaining Washer
28	612483	Spool Shaft
29	683301	Outer Spool and Eyelet Assembly
30	612026	Retainer
31	610636	Spring
32	147495	Inner Reel
33	180814	Bump Head Knob Assembly
34	145873	4-Tooth Blade (includes 35)
35	613231	Blade Cover
36	181699	Nut
*	180014	Blade Retaining Kit (includes 27 & 36)
*	613226	Locking Rod Tool
*	682075	Shoulder Harness

2 Piece Gearbox Assembly Parts – Item 24b

37	182191	Left Housing
38	182192	Right Housing
39	182194	Pinion Gear Assembly
40	182199	Output Shaft Bushing
41	182198	Output Shaft Gear
42	182197	Output Shaft Assembly (includes 40 & 41)

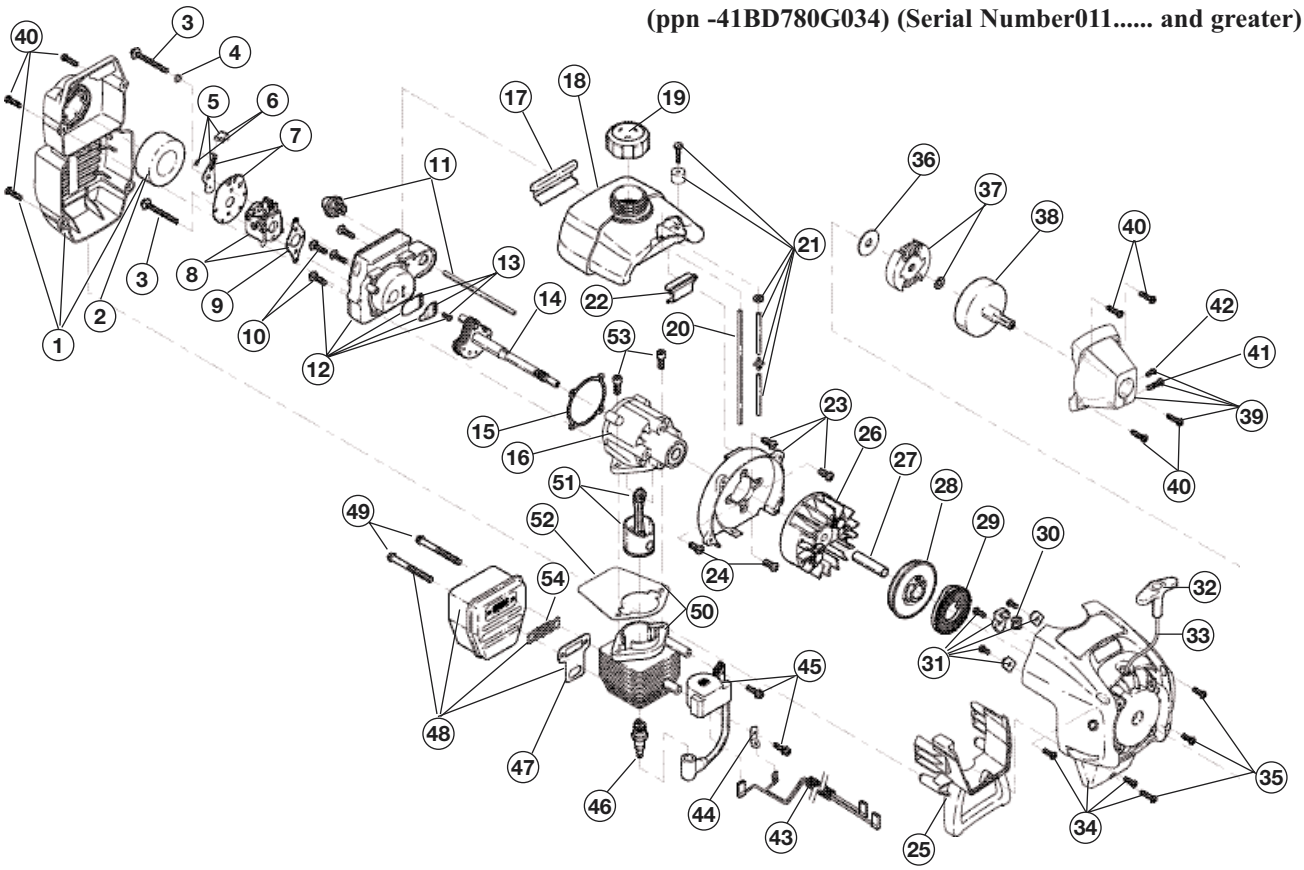
Optional Accessories

*	612454	Replacement Line, 0.095 Diameter
*	147345	Reel and Line Assembly
*	147498	Bump Head Assembly (includes 28-33)
*	147543	Ryobi 2-Cycle Oil
*	Items Not Shown	

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983

ENGINE PARTS - MODEL 780r
2-CYCLE GAS TRIMMER
(ppn -41BD780G034) (Serial Number011..... and greater)



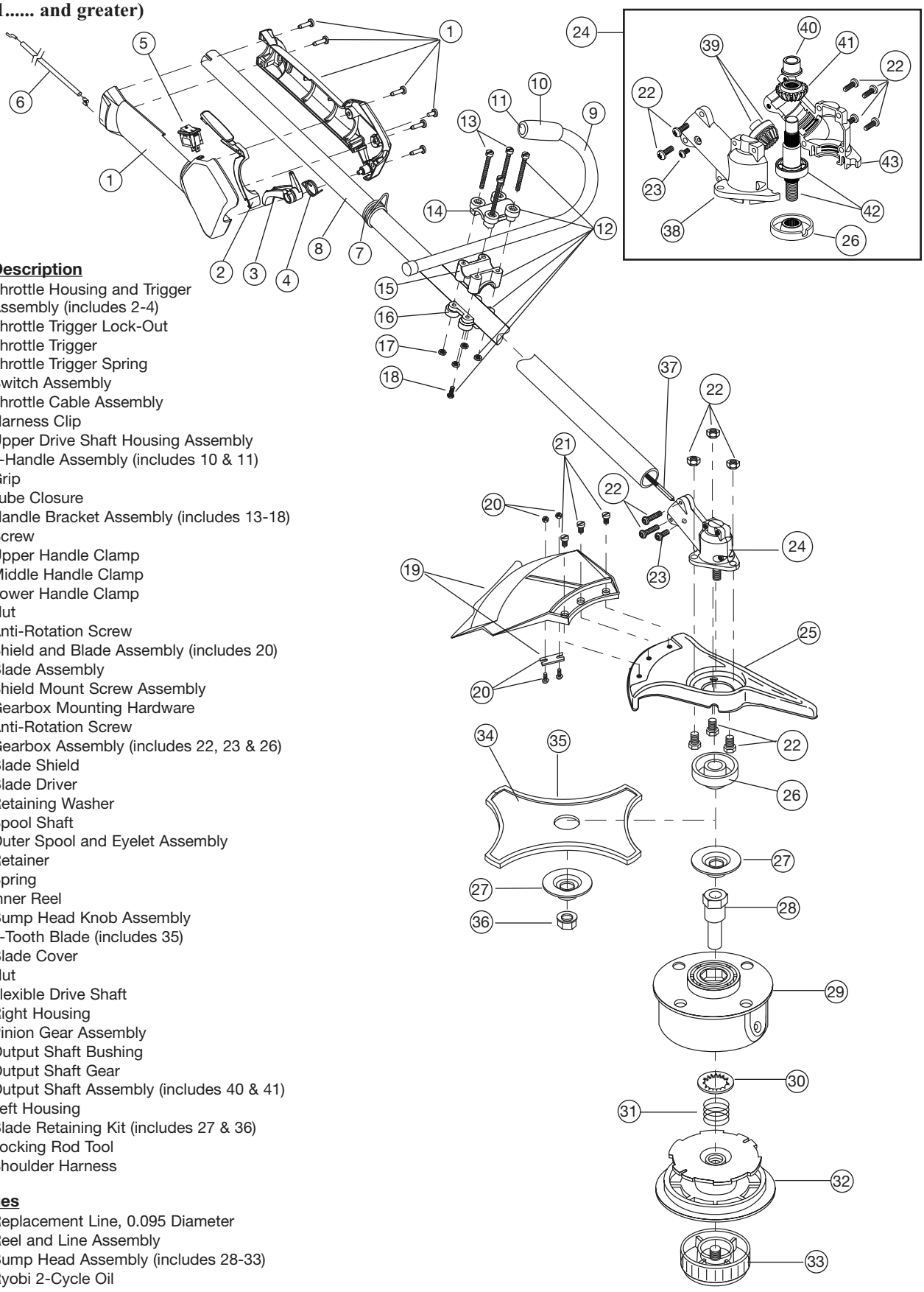
Item	Part No.	Description
1	182059	Air Cleaner/Muffler Cover Assembly (includes 2 & 40)
2	180350	Air Cleaner Filter
3	180351	Carburetor Mounting Screw Assembly
4	180352	Wavey Washer
5	182061	Choke Lever Assembly (includes 6)
6	182070	Choke Knob and Screw
7	182060	Choke Lever and Plate (includes 5)
8	182875	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	182790	Power Shaft Assembly
15	612115	Carburetor Mount Gasket
16	182807	Crank Case Service Assembly (includes 10, 14 & 24)
17	612134	Rear Mounting Pad
18	181438	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	153520	Shroud Assembly
24	181861	Shroud Screw
25	182064	Shroud Extension and Stand
26	181867	Flywheel Assembly
27	181065	Spacer
28	181597	Recoil Pulley Assembly
29	613102	Recoil Spring
30	611061	Rope Guide
31	181441	Pulley Retainer Assembly
32	181079	Pull Handle
33	613103	Rope
34	181797	Starter Housing Assembly (includes 28-33 & 35)
35	181862	Housing Screw
36	181074	Clutch Washer
37	181445	Clutch Rotor Assembly
38	153592	Clutch Drum Assembly
39	180098	Clutch Cover Assembly
40	181345	Cover Screw
41	182519	Clamping Screw
42	182345	Anti-Rotation Screw
43	182798	Wire Leads and Sleeve
44	182800	Ground Tab
45	181937	Module Assembly
46	610311	Spark Plug
47	182065	Exhaust Gasket
48	182066	Muffler Assembly (includes 47,49 & 54)
49	147575	Muffler Mounting Bolt Assembly
50	181622	Cylinder Assembly (includes 52)
51	684449	Piston and Rod Assembly
52	610674	Cylinder Gasket
53	181870	Cylinder Bolt
54	182747	Spark Arrestor Screen
*	180011	Engine Gasket Kit
*	180602	O.E.M. Carburetor Repair Kit (Walbro)
*	180090	O.E.M. Carburetor Repair Kit (Zama)
*	181873	Gasket Diaphragm Repair Kit (Walbro)
*	180091	Gasket Diaphragm Repair Kit (Zama)
*	180530	Piston Ring
*	182792	Short Block Assembly (includes 10, 14, 16, 24, 45, 49-52)
*	181501	Starter Housing Screw Set
*	610309	Crankcase Seal
*	181599	Clutch Springs (Qty. 2)
*	Items Not Shown	

www.mymowerparts.com

For Parts Call 606-678-9623 or 606-561-4983

BOOM AND TRIMMER PARTS - MODEL 780r
2-CYCLE GAS TRIMMER

(Serial Number011..... and greater)



Item	Part No.	Description
1	182801	Throttle Housing and Trigger Assembly (includes 2-4)
2	182802	Throttle Trigger Lock-Out
3	182803	Throttle Trigger
4	182690	Throttle Trigger Spring
5	182539	Switch Assembly
6	182357	Throttle Cable Assembly
7	610327	Harness Clip
8	147486	Upper Drive Shaft Housing Assembly
9	181099	J-Handle Assembly (includes 10 & 11)
10	612831	Grip
11	612021	Tube Closure
12	683295	Handle Bracket Assembly (includes 13-18)
13	181811	Screw
14	181812	Upper Handle Clamp
15	181813	Middle Handle Clamp
16	181814	Lower Handle Clamp
17	181815	Nut
18	145569	Anti-Rotation Screw
19	683299	Shield and Blade Assembly (includes 20)
20	682061	Blade Assembly
21	182200	Shield Mount Screw Assembly
22	182195	Gearbox Mounting Hardware
23	145569	Anti-Rotation Screw
24	182193	Gearbox Assembly (includes 22, 23 & 26)
25	147492	Blade Shield
26	182196	Blade Driver
27	147490	Retaining Washer
28	612483	Spool Shaft
29	683301	Outer Spool and Eyelet Assembly
30	612026	Retainer
31	610636	Spring
32	147495	Inner Reel
33	180814	Bump Head Knob Assembly
34	145873	4-Tooth Blade (includes 35)
35	613231	Blade Cover
36	181699	Nut
37	181817	Flexible Drive Shaft
38	182192	Right Housing
39	182194	Pinion Gear Assembly
40	182199	Output Shaft Bushing
41	182198	Output Shaft Gear
42	182197	Output Shaft Assembly (includes 40 & 41)
43	182191	Left Housing
*	180014	Blade Retaining Kit (includes 27 & 36)
*	613226	Locking Rod Tool
*	682075	Shoulder Harness

Optional Accessories

*	612454	Replacement Line, 0.095 Diameter
*	147345	Reel and Line Assembly
*	147498	Bump Head Assembly (includes 28-33)
*	147543	Ryobi 2-Cycle Oil

* Items Not Shown

Issued 10/01

www.mymowerparts.com