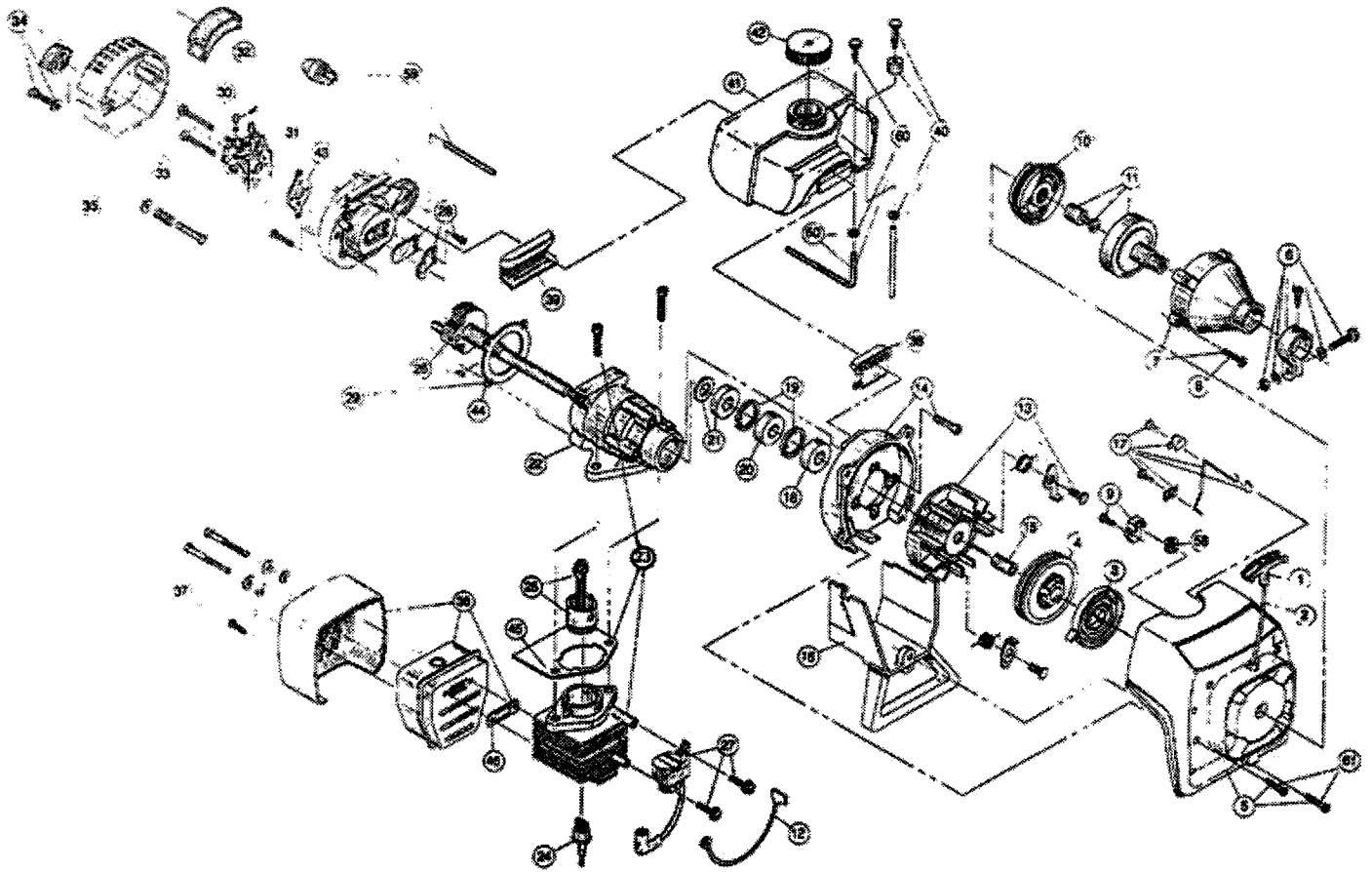


**ENGINE PARTS - IDC 540 SUPREME**  
(Serial No. 81004050501 - 910027700)

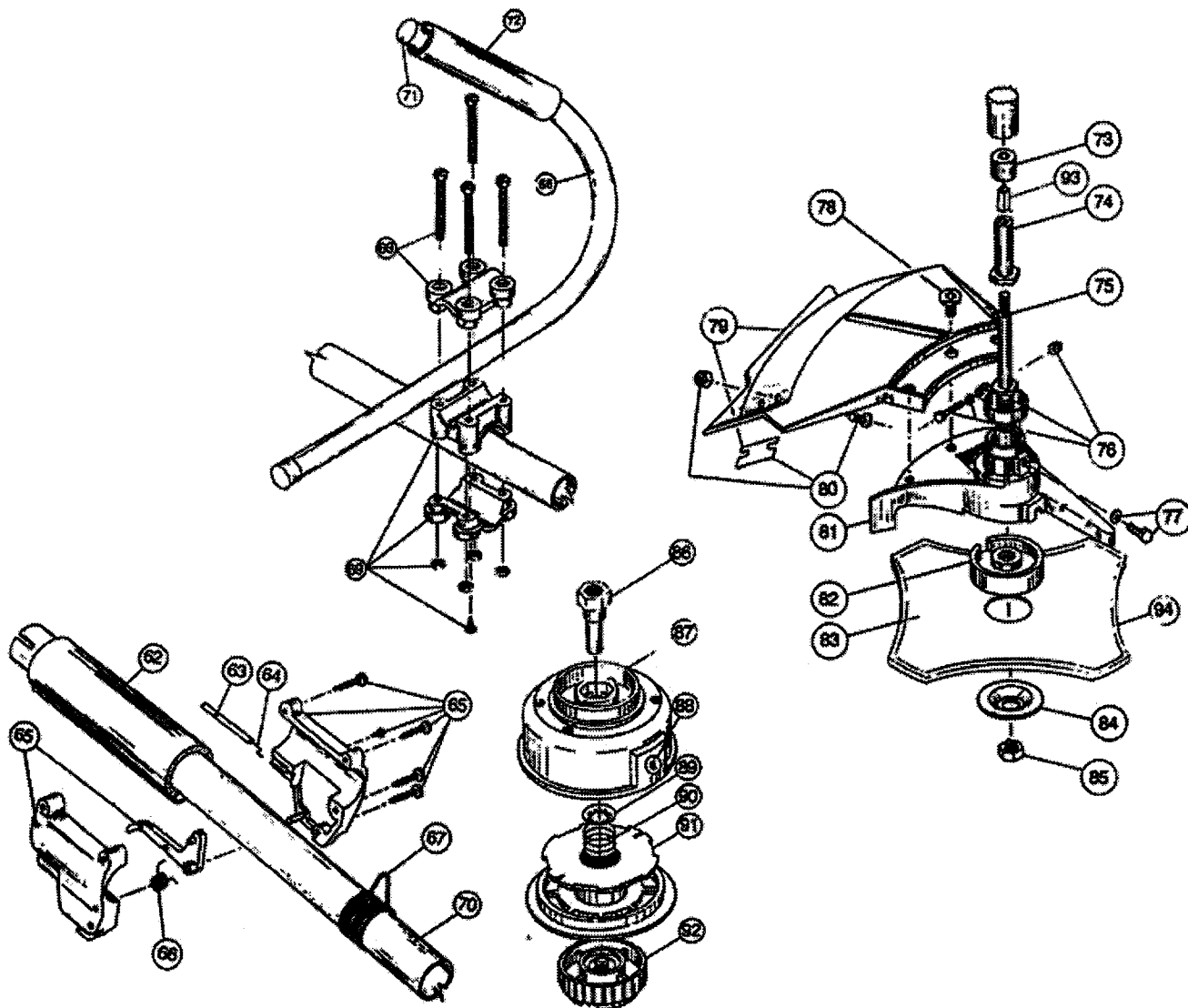


Item	Part No.	Description
1	610300	Pull Handle
2	613103	Rope
3	613102	Recoil Spring
4	683656	Recoil Pulley Assembly
5	147740	Starter Housing Assembly
6	153597	Upper Clamp Assembly
7	153590	Clutch Cover Assembly
8	145888	Clutch Cover Screw Assembly
9	153644	Pulley Retainer Assembly
10	153591	Clutch Rotor Assembly
11	153592	Clutch Drum Assembly
12	147589	Wire Lead
13	153624	Flywheel Assembly
14	153520	Shroud Assembly
15	145918	Spacer
16	683078	Shroud Extension and Stand
17	147576	Switch Assembly
18	610308	Outer Bearing
19	682040	Snap Ring Assembly
20	610309	Seal
21	682041	Inner Bearing Assembly
22	147015	Crankcase
23	147598	Cylinder Assembly
24	610311	Spark Plug
25	147570	Piston and Rod Assembly
26	147453	Power Shaft Assembly
27	683390	Module Assembly
28	147573	Reed Assembly
29	147654	Carburetor Mount
30	682048	Throttle Adjustment Assembly
31	147602	Governed Carburetor Assembly
32	610312	Air Cleaner Filter
33	682505	Carburetor Mounting Screw Assembly
34	683410	Air Cleaner Cover Assembly
35	682052	Choke Knob Assembly

Item	Part No.	Description
36	147574	Muffler Assembly
37	147575	Muffler Mounting Bolt Assembly
38	145308	Front Mounting Pad
39	612134	Rear Mounting Pad
40	682039	Fuel Line Assembly
41	147588	Fuel Tank
42	145562	Fuel Cap Assembly
43	610675	Carburetor Gasket (10 pack)
44	610673	Carburetor Mount Gasket (10 pack)
45	145564	Cylinder Gasket (10 pack)
46	610672	Exhaust Gasket (10 pack)
*47	153593	Engine Hardware Kit
*48	153307	Engine Gasket Kit
*49	153308	O.E.M. Carburetor Repair Kit
*50	153309	Gasket-Diaphragm Repair Kit
*51	147577	Piston Ring
*52	147599	Short Block Assembly (items 18-26)
*53	147456	Crankcase Service Assembly
*54	610676	Flywheel Key (10 pack)
*55	683414	Complete Air Filter Assembly (items 18-22, 36)
*56	147580	Fuel Tank Assembly (items 40, 42, 60)
*57	147600	Carburetor Mount and Reed Assembly
58	611061	Rope Guide
59	683974	Primer and Hose Assembly
60	147290	Return Line Assembly
61	147544	Starter Housing Screw Set

\* not shown

**BOOM & TRIMMER PARTS - IDC 540 SUPREME**  
(Serial No. 81004050501 - 910027700)

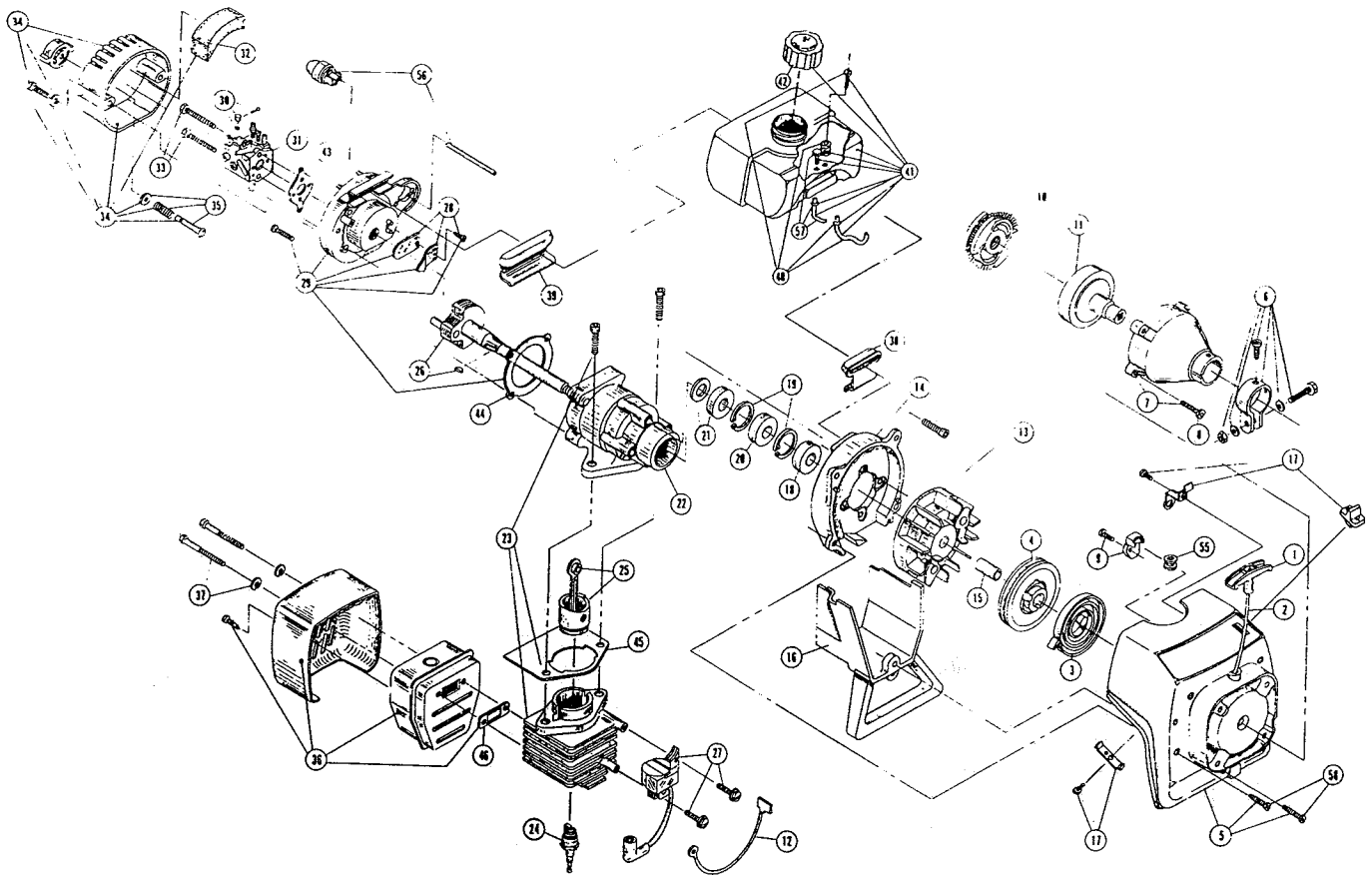


Item	Part No.	Description
62	147590	Main Handle Grip
63	147594	Throttle Cable Housing
64	610315	Throttle Cable
65	683303	Throttle Trigger Assembly
66	610314	Throttle Trigger Spring
67	610327	Shoulder Strap Clamp
68	683294	J-Handle Assembly (Includes Items 71 and 72)
69	683295	Handle Bracket Assembly
70	147595	Drive Shaft Housing Assembly
71	612021	Tube Closure
72	612831	Grip
73	145890	Retainer Sleeve
74	610303	Square Drive
75	145893	Drive Shaft
76	682060	Clamp Assembly
77	683296	Mounting Bolt Assembly
78	683304	Guard Mounting Screws
79	147597	Guard and Blade Assembly
80	682061	Blade Assembly
81	153598	Bearing Housing Assembly
82	147006	Blade Driver
83	145873	Blade

Item	Part No.	Description
84	147007	Lower Blade Holder
85	145895	Blade Retaining Nut
86	145896	Spool Shaft
87	153599	Outer Spool and Eyelet Assembly
88	145586	Eyelet
89	612026	Retainer (10 pack)
90	610317	Spring
91	153600	Inner Reel
92	153066	Bump Head Knob Assembly
93	682064	Flexible Drive Shaft
94	147670	Blade Tooth Cover

**Optional Accessories**

- 153577 Replacement Dual Line Cartridge
- 610375 Monofil Cutting Line, 40 ft. (2 file)
- 682075 Shoulder Strap Assembly
- 153407 IDC or Ryan 2-Cycle Oil (4 oz. can)
- 147269 Locking Rod Tool
- 153700 Complete Head Assembly (Items 83-89)
- 145595 Wrench
- not shown

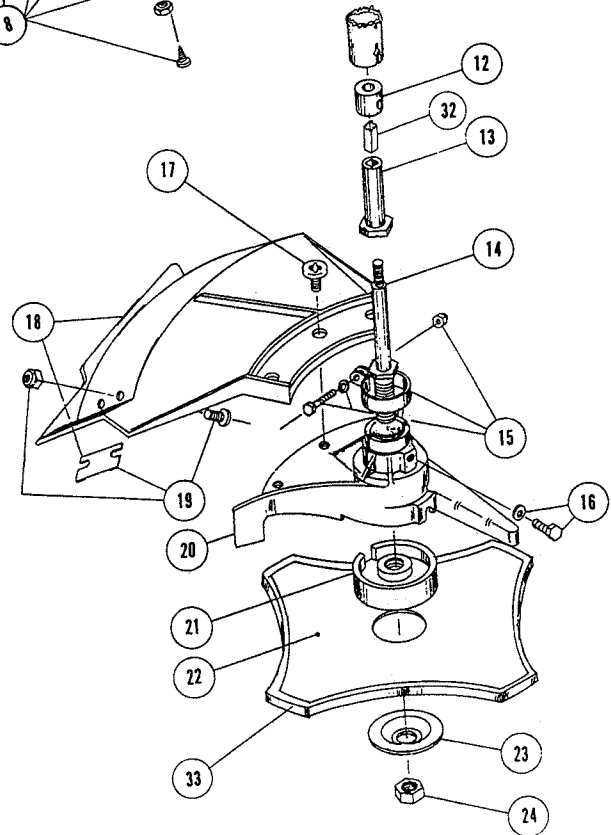
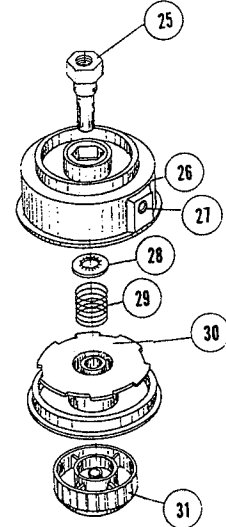
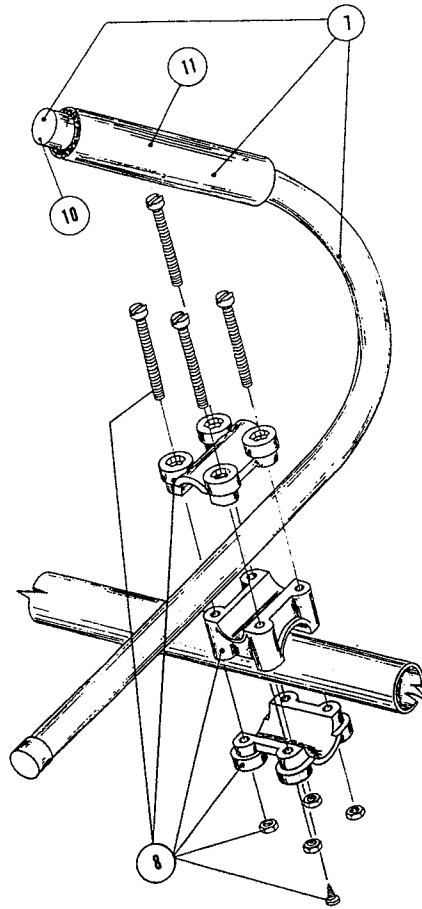
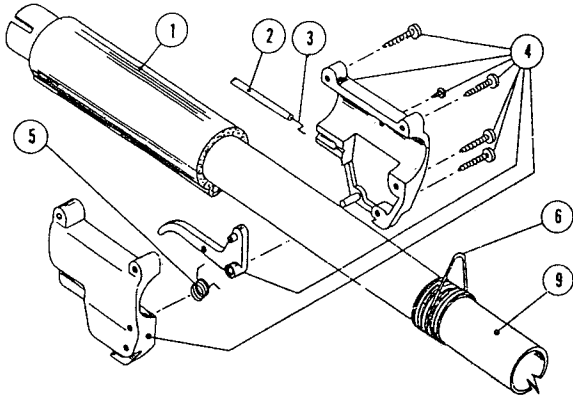


Item	Part No.	Description	Item	Part No.	Description
1	610300	Pull Handle	33	682505	Carburetor Mounting Screw Assembly
2	613103	Rope	34	683414	Air Cleaner Cover Assembly
3	613102	Recoil Spring	35	682052	Choke Knob Assembly
4	683856	Recoil Pulley Assembly	36	180005	Muffler Assembly
5	180057	Starter Housing Assembly	37	147575	Muffler Mounting Bolt Assembly
6	153597	Upper Clamp Assembly	38	145308	Front Mounting Pad
7	153590	Clutch Cover Assembly	39	612134	Rear Mounting Pad
8	145888	Clutch Cover Screw Assembly	40	682039	Fuel Line Assembly
9	153644	Pulley Retainer Assembly	41	147580	Fuel Tank Assembly
10	153591	Clutch Rotor Assembly	42	180000	Fuel Cap Assembly
11	153592	Clutch Drum Assembly	43	610675	Carburetor Gasket (10 pack)
12	180036	Wire Lead	44	612115	Carburetor Mount Gasket (10 pack)
13	153624	Flywheel Assembly	45	145564	Cylinder Gasket (10 pack)
14	153520	Shroud Assembly	46	601672	Exhaust Gasket (10 pack)
15	145918	Spacer	*47	180034	Engine Hardware Kit
16	683078	Shroud Extension and Stand	*48	180011	Engine Gasket Kit
17	180035	Switch Assembly	*49	153308	O.E.M. Carburetor Repair Kit (Walbro)
18	610308	Outer Bearing	*49	180019	O.E.M. Carburetor Repair Kit (Tillotson)
19	682040	Snap Ring Assembly	*50	180020	Gasket-Diaphragm Repair Kit (Tillotson)
20	610309	Seal	*50	153309	Gasket-Diaphragm Repair Kit (Walbro)
21	682041	Inner Bearing Assembly	*51	180013	Piston Ring
22	147015	Crankcase	*52	147599	Short Block Assembly (items 18-26)
23	147598	Cylinder Assembly	*53	147456	Crankcase Service Assembly (items 18-22, 26)
24	610311	Spark Plug	*54	610676	Flywheel Key (10 pack)
25	180001	Piston and Rod Assembly	55	611061	Rope Guide
26	180031	Power Shaft Assembly	56	683974	Primer and Hose Assembly
27	683390	Module Assembly	57	147290	Return Line Assembly
28	147573	Reed Assembly	58	147544	Starter Housing Screw Set
29	180033	Carburetor Mount Assembly			
30	682048	Throttle Adjustment Assembly (Walbro)			
30	147640	Throttle Adjustment Assembly (Tillotson)			
31	147602	Governed Carburetor Assembly			
32	610312	Air Cleaner Filter			

\* not shown

The above part numbers are for serial numbers 910027701 thru 009081200.

**BOOM & TRIMMER PARTS - IDC 540-1**



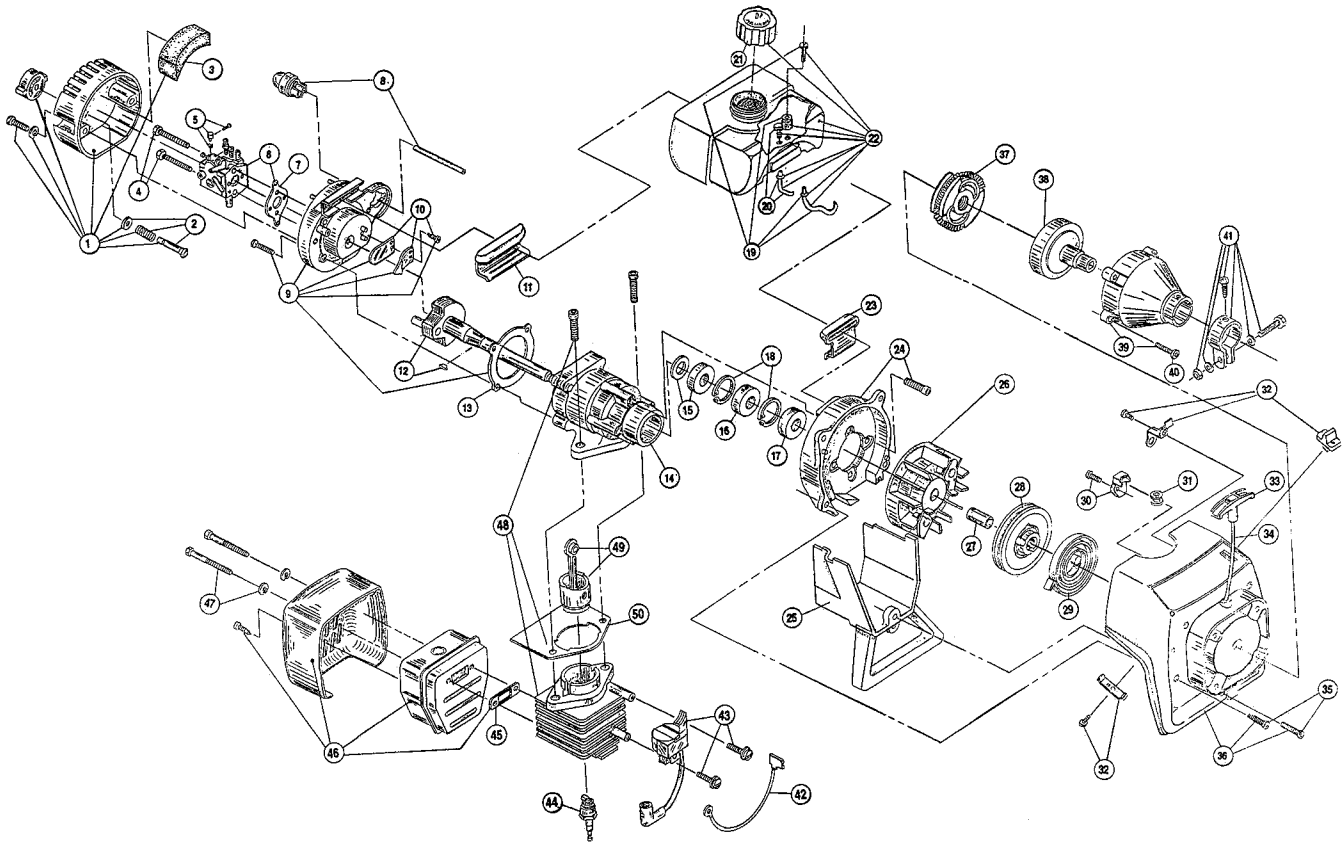
Item	Part No.	Description
1	147590	Main Handle Grip
2	147594	Throttle Cable Housing
3	610315	Throttle Cable
4	683303	Throttle Trigger Assembly
5	610314	Throttle Trigger Spring
6	610327	Shoulder Strap Clamp
7	683870	J-Handle Assembly
8	683925	Handle Bracket Assembly
9	147595	Drive Shaft Housing Assembly
10	612021	Tube Closure
11	612831	Grip
12	145890	Retainer Sleeve
13	610303	Square Drive
14	145893	Drive Shaft
15	682060	Clamp Assembly
16	683298	Mounting Bolt Assembly
17	683304	Guard Mounting Screws
18	147597	Guard and Blade Assembly
19	682061	Blade Assembly
20	153598	Bearing Housing Assembly
21	147006	Blade Driver
22	145873	Blade
23	147007	Lower Blade Holder
24	145895	Blade Retaining Nut
25	145896	Spool Shaft
26	153599	Outer Spool and Eyelet Assembly
27	145566	Eyelet
28	612026	Retainer (10 pack)
29	610317	Spring
30	153600	Inner Reel
31	153066	Bump Head Knob Assembly
32	682064	Flexible Drive Shaft
33	147670	Blade Tooth Cover

**Optional Accessories**

*	153577	Spool and 30 ft. Line Assembly
*	610375	Monoflail Cutting Line, 50 ft.
*	682075	Shoulder Strap Assembly
*	147541	IDC 2-Cycle Oil (4 oz. can)
*	147299	Locking Rod Tool
*	153700	Complete Head Assembly (items 25-31)
*	145905	Wrench
*	180015	Blade Retaining Kit (items 23, 24)

\* not shown

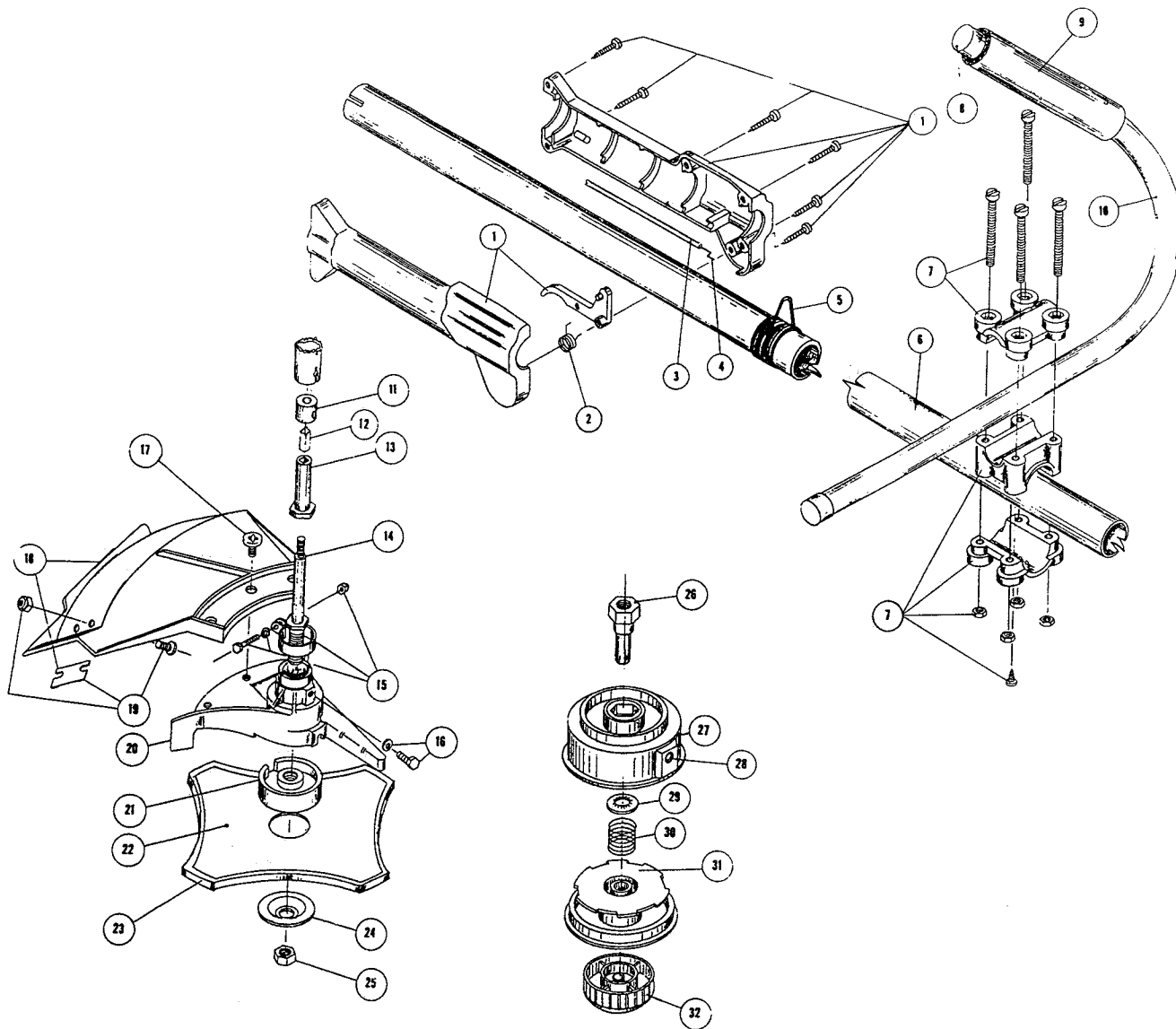




Item	Part No.	Description	Item	Part No.	Description
1	683414	Carburetor/Air Cleaner Cover Assembly (includes items 2 and 3)	35	180057	Starter Housing Assembly
2	682052	Choke Knob Assembly	36	147544	Starter Housing Screw Set
3	610312	Air Cleaner Filter	37	153591	Clutch Rotor Assembly
4	682505	Carburetor Mounting Screw Assembly	38	153592	Clutch Drum Assembly
5	682048	Throttle Adjustment Assembly (Walbro)	39	153590	Clutch Cover Assembly
5	147640	Throttle Adjustment Assembly (Tillotson)	40	145888	Clutch Cover Screw Assembly
6	147602	Governed Carburetor Assembly	41	153597	Upper Clamp Assembly
7	610675	Carburetor Gasket (10 pack)	42	180036	Wire Lead
8	180033	Carburetor Mount Assembly	43	683390	Module Assembly
9	147573	Reed Assembly	44	610311	Spark Plug
10	683974	Primer and Hose Assembly	45	610672	Exhaust Gasket (10 pack)
11	612134	Rear Mounting Pad	46	180119	Muffler Assembly
12	180022	Power Shaft Assembly	47	147575	Muffler Mounting Bolt Assembly
13	612115	Carburetor Mount Gasket (10 pack)	48	180063	Cylinder Assembly
14	147015	Crankcase	49	147012	Piston and Rod Assembly
15	682041	Inner Bearing Assembly	50	145564	Cylinder Gasket (10 pack)
16	610309	Seal	*	180034	Engine Hardware Kit
17	610308	Outer Bearing Assembly	*	180011	Engine Gasket Kit
18	682040	Snap Ring Assembly	*	153308	O.E.M. Carburetor Repair Kit (Walbro)
19	682039	Fuel Line Assembly	*	180019	O.E.M. Carburetor Repair Kit (Tillotson)
20	147290	Return Line Assembly	*	153309	Gasket-Diaphragm Repair Kit (Walbro)
21	180000	Fuel Cap Assembly	*	180020	Gasket-Diaphragm Repair Kit (Tillotson)
22	147580	Fuel Tank Assembly (includes items 19-21)	*	682507	Piston Ring
23	145308	Front Mounting Pad	*	180027	Short Block Assembly (includes items 12, 14-18, 48-50)
24	153520	Shroud Assembly	*	180026	Crankcase Service Assembly (includes items 12, 14-18)
25	683078	Shroud Extension and Stand	*	610676	Flywheel Key (10 pack)
26	153624	Flywheel Assembly			
27	145918	Spacer			
28	683856	Recoil Pulley Assembly			
29	613102	Recoil Spring	*	not shown	
30	153644	Pulley Retainer ring			
31	611061	Rope Guide			
32	180035	Switch Assembly			
33	610300	Pull Handle			
34	613103	Rope			

The above part numbers are for serial numbers 009081201 thru 108034825.

**BOOM & TRIMMER PARTS - IDC 540-2**

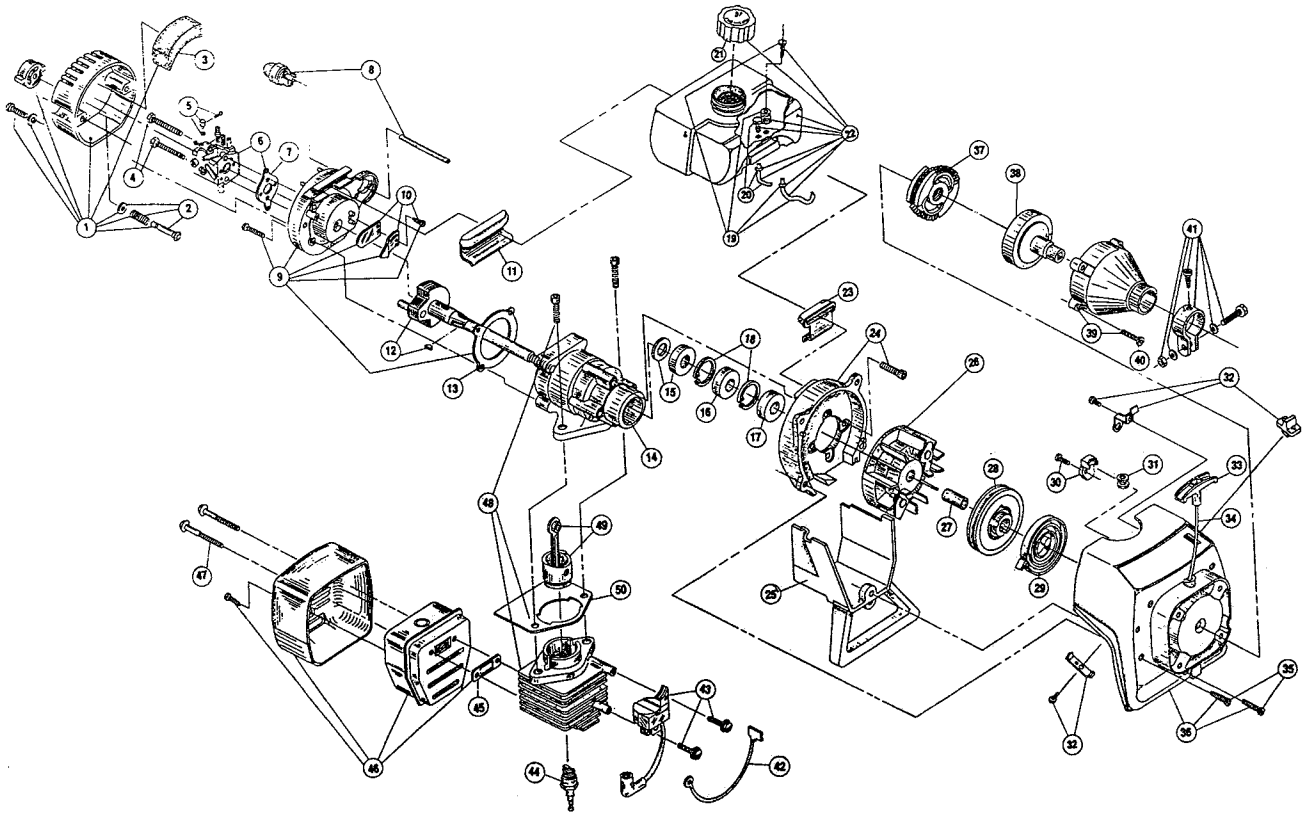


Item	Part No.	Description
1	180017	Throttle Housing and Trigger Assembly
2	610314	Throttle Trigger Spring
3	180021	Throttle Cable Housing
4	180127	Throttle Cable
5	610327	Shoulder Strap Clamp
6	147595	Drive Shaft Housing Assembly
7	683295	Handle Bracket Assembly
8	612021	Tube Closure
9	612831	Grip
10	683870	J-Handle Assembly (includes items 8 and 9)
11	145890	Retainer Sleeve
12	682064	Flexible Drive Shaft
13	610303	Square Drive
14	145893	Drive Shaft
15	153597	Clamp Assembly
16	683298	Mounting Bolt Assembly
17	683304	Guard Mounting Screws
18	147597	Guard and Blade Assembly
19	682061	Blade Assembly
20	153598	Bearing Housing Assembly
21	147006	Blade Driver
22	145873	Blade

Item	Part No.	Description
23	147670	Blade Tooth Cover
24	147007	Lower Blade Holder
25	145895	Blade Retaining Nut
26	145896	Spool Shaft
27	153599	Outer Spool and Eyelet Assembly
28	145566	Eyelet
29	612026	Retainer (10 pack)
30	610317	Spring
31	153600	Inner Reel
32	153066	Bump Head Knob Assembly

**Optional Accessories**

*	153577	Spool and 30 ft. Line (dual)
*	610375	Monofil Cutting Line, 50 ft.
*	682075	Shoulder Strap Assembly
*	147541	IDC 2-Cycle Oil (4 oz. can)
*	147299	Locking Rod Tool
*	153700	Complete Head Assembly (items 26-32)
*	145905	Wrench
*	180015	Blade Retaining Kit (items 24 and 25)
*		not shown

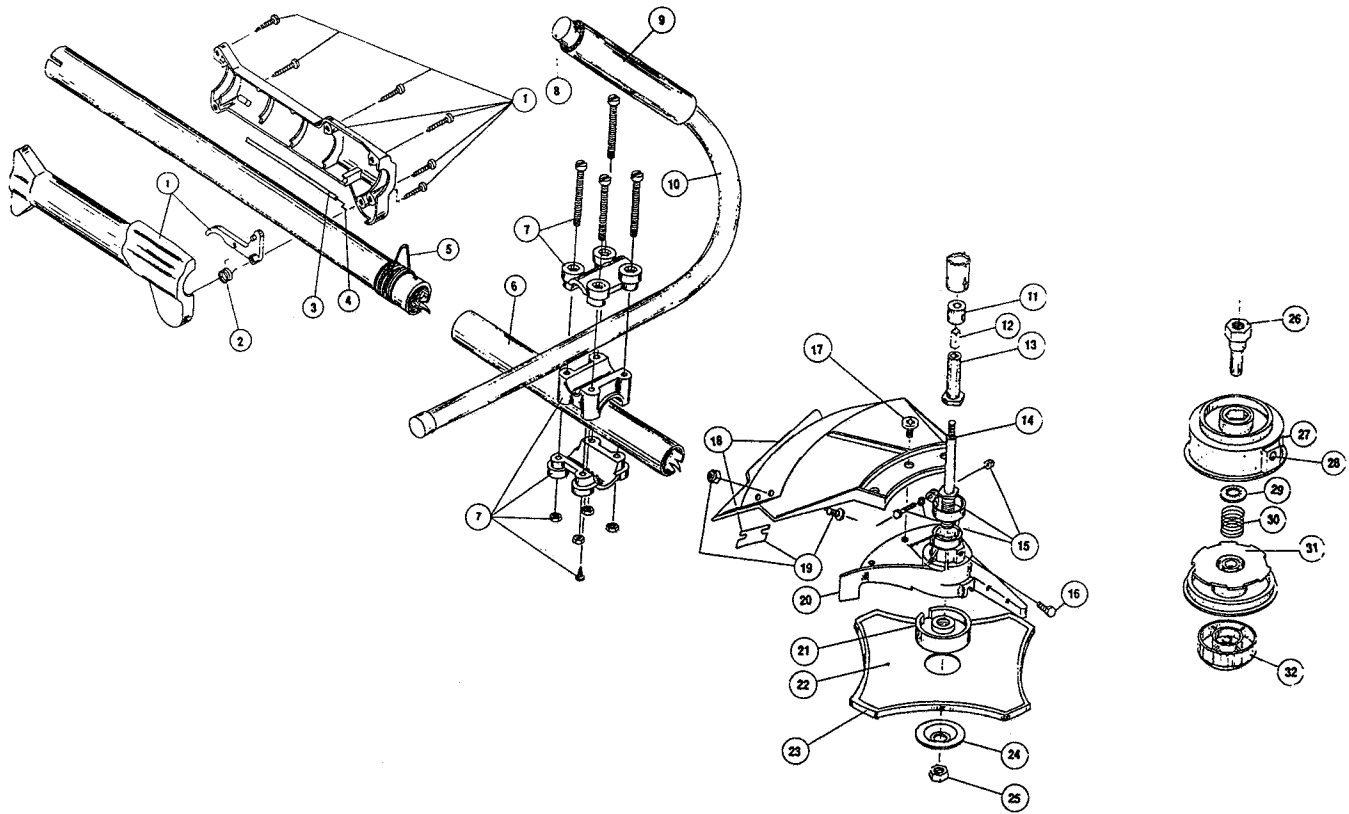


Item	Part No.	Description
1	683414	Carburetor/Air Cleaner Cover Assembly (includes items 2 and 3)
2	682052	Choke Knob Assembly
3	610312	Air Cleaner Filter
4	682505	Carburetor Mounting Screw Assembly
5	682048	Throttle Adjustment Assembly (Walbro)
5	147640	Throttle Adjustment Assembly (Tillotson)
6	147602	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
33	610300	Pull Handle

Item	Part No.	Description
34	613103	Rope
35	147544	Starter Housing Screw Set
36	180281	Starter Housing Assembly
37	153591	Clutch Rotor Assembly
38	153592	Clutch Drum Assembly
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	180276	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 108034826 thru 206042750.

**BOOM & TRIMMER PARTS - IDC 540**



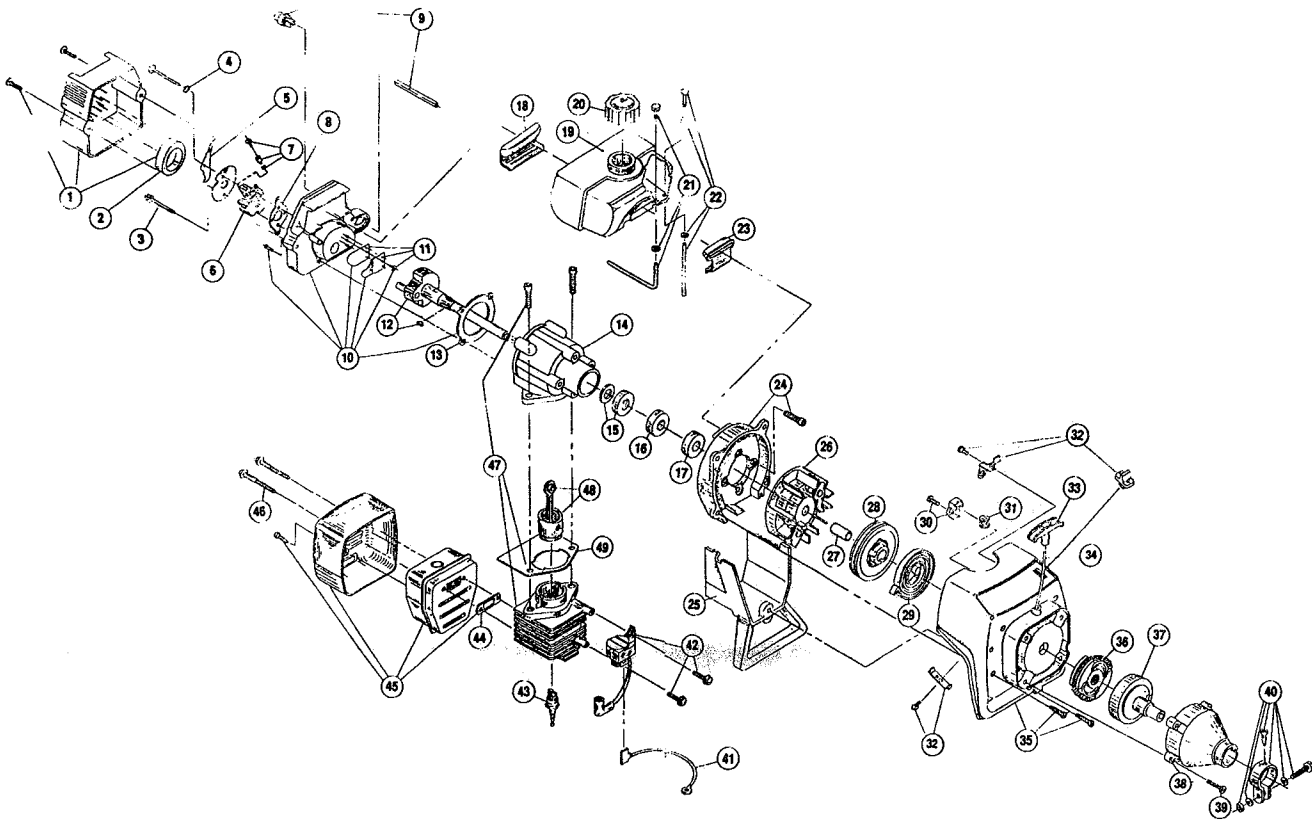
Item	Part No.	Description
1	180017	Throttle Housing and Trigger Assembly
2	610314	Throttle Trigger Spring
3	180021	Throttle Cable Housing
4	180127	Throttle Cable
5	610327	Shoulder Strap Clamp
6	147595	Drive Shaft Housing Assembly
7	683295	Handle Bracket Assembly
8	612021	Tube Closure
9	612831	Grip
10	180286	J-Handle Assembly (includes items 8 and 9)
11	180287	Retainer Sleeve (includes item 16)
12	682064	Flexible Drive Shaft
13	610303	Square Drive
14	145893	Drive Shaft
15	153597	Clamp Assembly
16	180288	Mounting Bolt Assembly
17	683304	Guard Mounting Screws
18	147597	Guard and Blade Assembly
19	682061	Blade Assembly
20	153598	Bearing Housing Assembly
21	147006	Blade Driver
22	145873	Blade

Item	Part No.	Description
23	147670	Blade Tooth Cover
24	147007	Lower Blade Holder
25	145895	Blade Retaining Nut
26	145896	Spool Shaft
27	153599	Outer Spool and Eyelet Assembly
28	145566	Eyelet
29	612026	Retainer (10 pack)
30	610317	Spring
31	153600	Inner Reel
32	153066	Bump Head Knob Assembly

**Optional Accessories**

*	153577	Spool and 30 ft. Line (dual)
*	610375	Monoflail Cutting Line, 50 ft.
*	682075	Shoulder Strap Assembly
*	147541	IDC 2-Cycle Oil (4 oz. can)
*	147299	Locking Rod Tool
*	153700	Complete Head Assembly (items 26-32)
*	180015	Blade Retaining Kit (items 24 and 25)
*		not shown





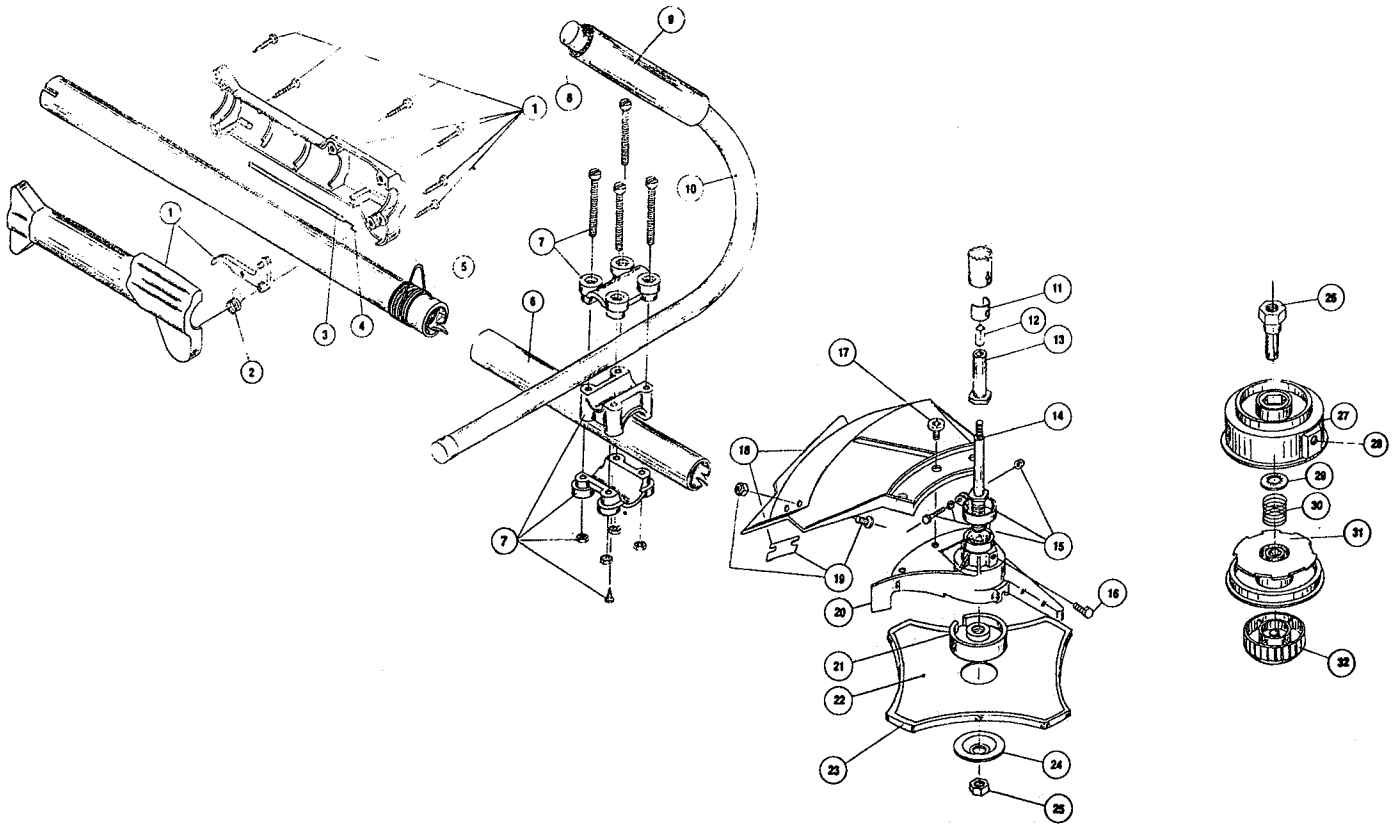
Item	Part No.	Description
1	180349	Carburetor/Air Cleaner Cover Assembly (includes item 2)
2	180350	Air Cleaner Filter
3	180351	Carburetor Mounting Screw Assembly
4	180352	Wavey Washer
5	180353	Choke Lever and Plate
6	147602	Carburetor Assembly
7	682048	Throttle Adjustment Assembly (Walbro)
7	147640	Throttle Adjustment Assembly (Tillotson)
8	610675	Carburetor Gasket (10 pack)
9	683974	Primer and Hose Assembly
10	180354	Carburetor Mount Assembly (includes 11 and 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	612134	Rear Mounting Pad
19	147580	Fuel Tank Assembly (includes items 19-22)
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
33	610300	Pull Handle

Item	Part No.	Description
34	613103	Rope
35	180281	Starter Housing Assembly
36	153591	Clutch Rotor Assembly
37	153592	Clutch Drum Assembly
38	683601	Clutch Cover Assembly (includes 39)
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 (includes 49)
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, 47-49)
*	610676	Flywheel Key (10 pack)
*	147544	Starter Housing Screw Set

\* not shown

The above part numbers are for serial numbers 206042751 and greater.

**BOOM & TRIMMER PARTS - IDC 540**



Item	Part No.	Description
1	180277	Throttle Housing and Trigger Assembly
2	610314	Throttle Trigger Spring
3	180021	Throttle Cable Housing Assembly
4	180127	Throttle Cable
5	610327	Shoulder Strap Clamp
6	147595	Drive Shaft Housing Assembly
7	683295	Handle Bracket Assembly
8	612021	Tube Closure
9	612381	Grip
10	180286	J-Handle Assembly (includes items 8 and 9)
11	180287	Retainer Sleeve
12	682064	Flexible Drive Shaft
13	610303	Square Drive
14	145893	Drive Shaft
15	153597	Clamp Assembly
16	180288	Mounting Bolt Assembly
17	683304	Guard Mounting Screw
18	180382	Guard and Blade Assembly
19	682061	Blade Assembly
20	180383	Bearing Housing Assembly
21	147006	Blade Driver
22	145873	Blade, 4 tooth

Item	Part No.	Description
23	147670	Blade Tooth Cover
24	147007	Lower Blade Holder
25	145895	Blade Retaining Nut
26	145896	Spool Shaft
27	153599	Outer Spool and Eyelet
28	145566	Eyelet
29	612026	Retainer (10 pack)
30	610317	Spring
31	153600	Inner Reel
32	153066	Bump Head Knob Assembly

**Optional Accessories**

*	153577	Spool and 30 ft. Line (dual)
*	610375	Monofail Cutting Line, 50 ft.
*	682075	Shoulder Strap Assembly
*	147299	Locking Rod Tool
*	153700	Complete Head Assembly (items 26-32)
*	180015	Blade Retaining Kit (items 24,25)
*		not shown