

# **Tanaka** Illustrated Parts Manual

Model Number:

**TBC-240PF,S**  
**GRASS TRIMMER**

Date 9/16/09

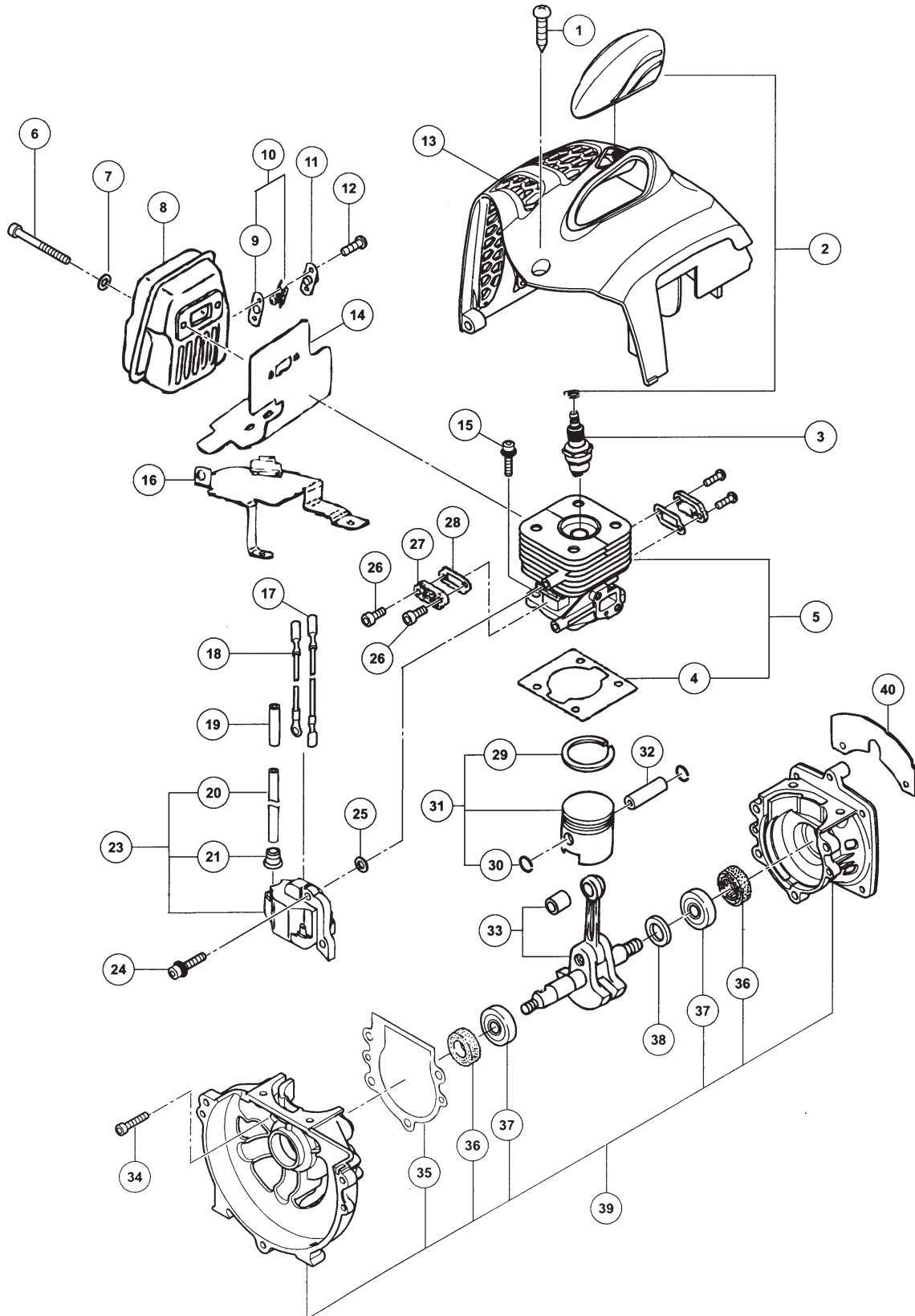


*Supplier To The Outdoor Power Equipment Industry*

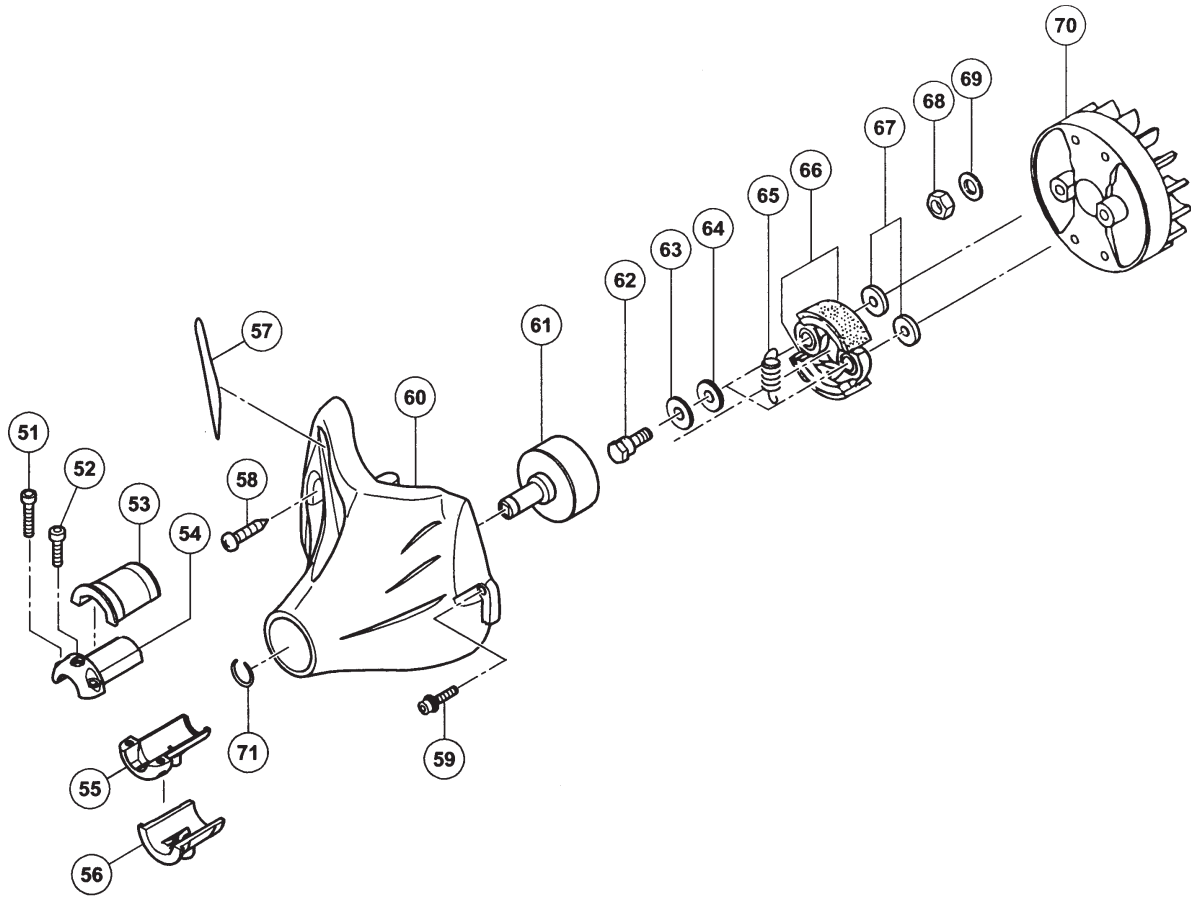
Hitachi Koki USA • 1028 4<sup>th</sup> Street SW • Auburn, WA 98001 • Phone: (253) 333-1200 • Fax: (253) 333-1212

[www.tanakapowerequipment.com](http://www.tanakapowerequipment.com)

[custsvc@tanakapowerequipment.com](mailto:custsvc@tanakapowerequipment.com)

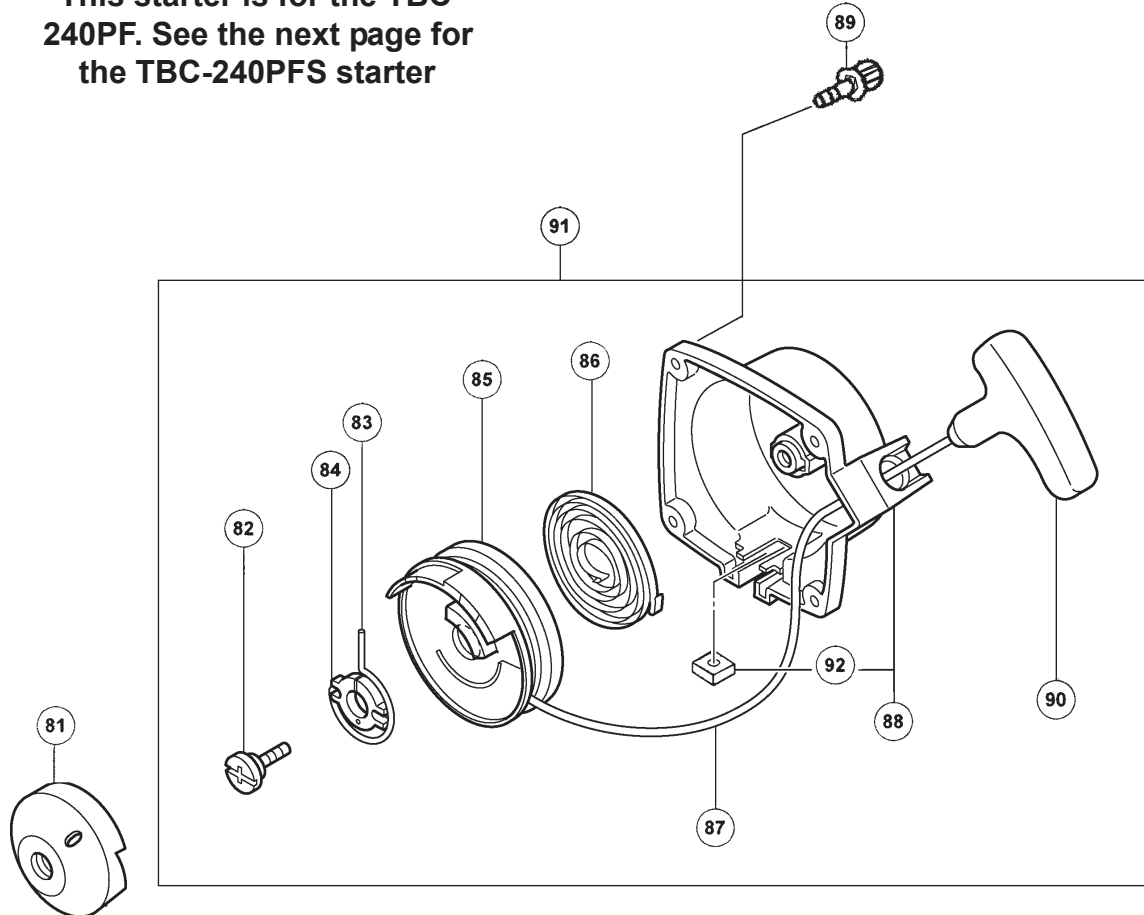


ITEM	PART NUMBER	DESCRIPTION	Qty	COMMENTS
1	99073045124	TAPPING SCREW 4.5X12	1	
2	6684583	PLUG CAP ASS'Y	1	Does not include engine cover
3	01802233200	SPARK PLUG	1	
4	6684587	CYLINDER GASKET	1	
5	6684585	CYLINDER SET	1	Includes gasket #4
6	99051060553	HEX HOLE BOLT 6X55	2	
7	99201060011	WASHER 6	2	
8	6684640	MUFFLER	1	
9	6684650	MUFFLER SPECIAL GASKET	1	
10	6685046	SPARK ARRESTOR	1	Includes #9
11	6685047	TAIL PIPE	1	
12	99436040081	SCREW 4X8/WS	2	
13	6684635	ENGINE COVER	1	
14	6684641	HEAT SHIELD	1	
15	99461050184	HEX. HOLE BOLT 5X18/S	4	
16	6684844	HEAT SHIELD B COMP.	1	
17	6685053	CORD	1	
18	6685054	EARTH CORD	1	
19	25006500200	INSULATOR TUBE, 50L	1	
20	6684596	HIGHT TENSION CORD	1	
21	56020517200	RUBBER CAP	1	
23	6684601	IGNITION COIL ASS'Y	1	Includes #20 and #21
24	99464040184	HEX. HOLE BOLT 4X18WS	2	
25	1820186A201	WASHER	2	
26	99461040124	HEX. HOLE BOLT 4X12S	4	
27	6684594	INTAKE COVER	2	
28	6684593	COVER PACKING	2	
29	04101601200	PISTON RING	2	
30	03901620200	PISTON PIN CIRCLIP	2	
31	6684589	PISTON SET	1	Includes rings & circlips #29-30
32	0370704520	PISTON PIN	1	
33	6684592	CRANKSHAFT	1	
34	99461050184	HEX. HOLE BOLT 5X18/S	4	
35	6684609	CRANK CASE GASKET	1	
36	99966122206	OIL SEAL TB 12227	2	
37	99961600115	BALL BEARING 6001 C3	2	
38	33000200230	GEAR SHAFT SHIM 0.20	V	Variable - use as needed for side clearance
38	33000200240	GEAR SHAFT SHIM 0.30	V	Variable - use as needed for side clearance
39	6684606	CRANK CASE ASS'Y	1	Includes bearings, seals & gasket #35-38
40	6684845	PARTITION PLATE	1	



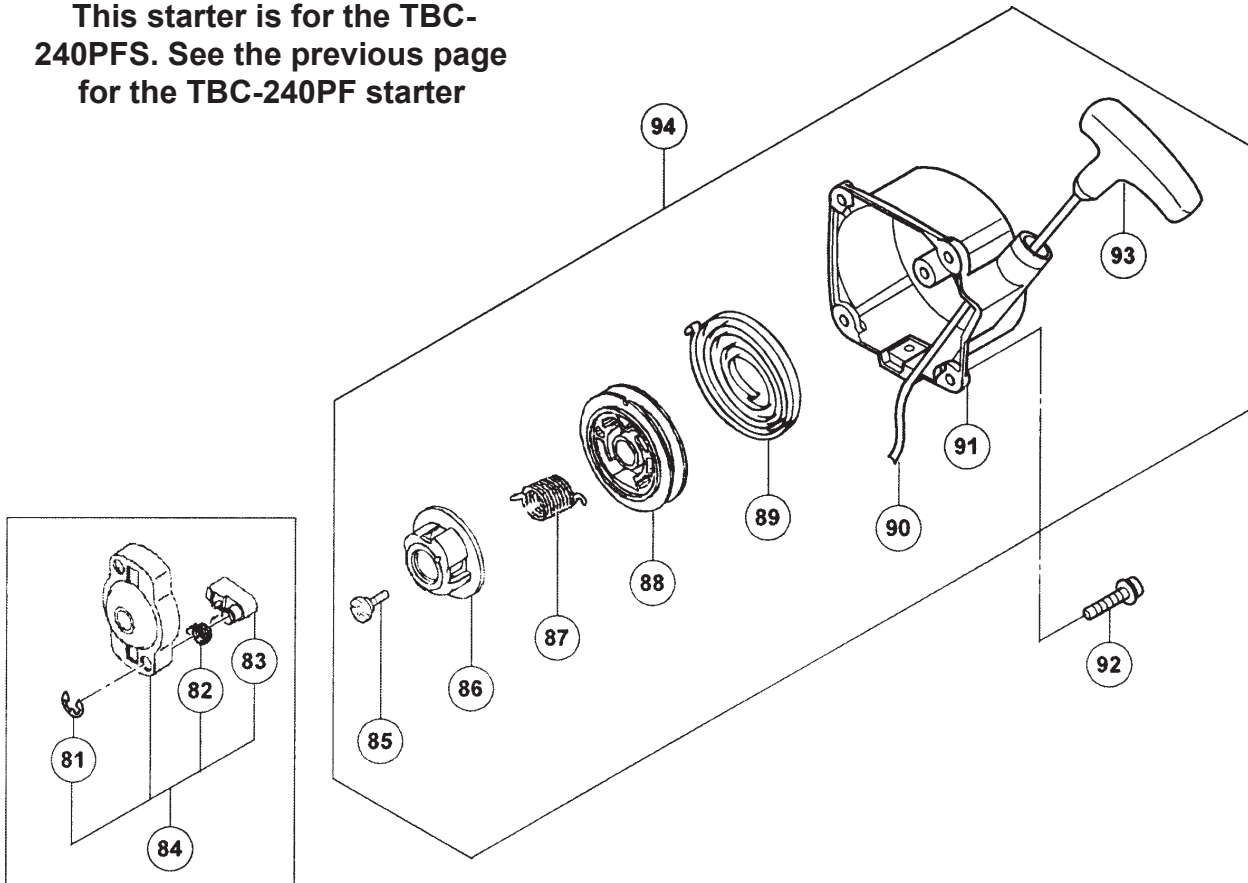
ITEM	PART NUMBER	DESCRIPTION	Qty	COMMENTS
51	99461050204	HEX. HOLE BOLT 5X20/S	2	
52	99461050124	HEX. HOLE BOLT 5X12S	1	
53	6684666	ANTI-VIBE RUBBER A	1	
54	6684670	PIPE HOLDER A	1	
55	6684671	PIPE HOLDER B	1	
56	6684665	ANTI-VIBE RUBBER B	1	
57	6685055	DECAL	1	
58	99072045164	4.5X16 TAPPING SCREW	1	
59	99464050184	HEX.HOLE BOLT 5X18/WS	3	
60	6684669	FANCASE,ORANGE	1	
61	6684663	CLUTCH DRUM	1	
62	3570075T200	STEP BOLT	2	
63	99205080030	BENT WASHER 8	2	
64	3480630A20	CLUTCH PLATE A 0.5	2	
65	3420630B200	CLUTCH SPRING	1	
66	29001620800	CLUTCH SHOE	2	
67	35902103200	CLUTCH WASHER B	2	
68	99101080011	HEX. NUT 8	1	
69	99201080011	WASHER 8	1	
70	6684610	FLYWHEEL	1	
71	99350012002	STOP RING, C-12, OUTER	1	

This starter is for the TBC-240PF. See the next page for the TBC-240PFS starter

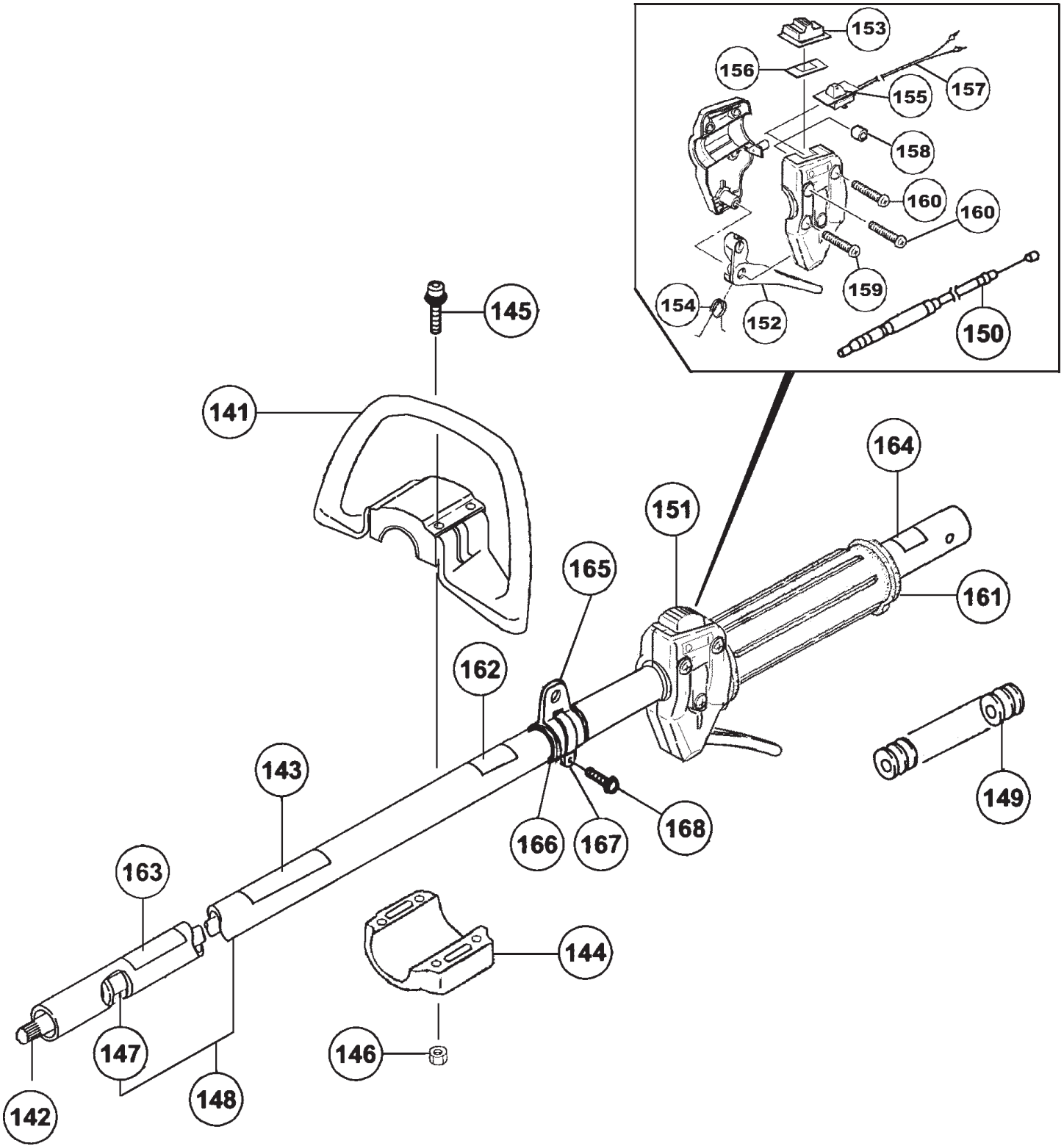


ITEM	PART NUMBER	DESCRIPTION	Qty	COMMENTS
81	7980304520	STARTER PULLEY ASS'Y	1	
82	8390304520	SET SCREW	1	
83	7770304520	SWING ARM	1	
84	7710304520	PULLEY STAY	1	
85	7740304520	STARTER ROPE REEL	1	
86	7790304520	RECOIL SPRING	1	
87	7830304520	ROPE 3.0X800	1	
88	7720304580	STARTER BODY ASS'Y	1	
89	99463040154	BOLT,HEX,4x15PS	4	
90	7850304520	STARTER HANDLE	1	
91	7620304590	STARTER ASSEMBLY	1	Includes 82-88, 90 and 92, not 81 or 89
92	3153334020	SPECIAL NUT	1	

This starter is for the TBC-240PFS. See the previous page for the TBC-240PF starter



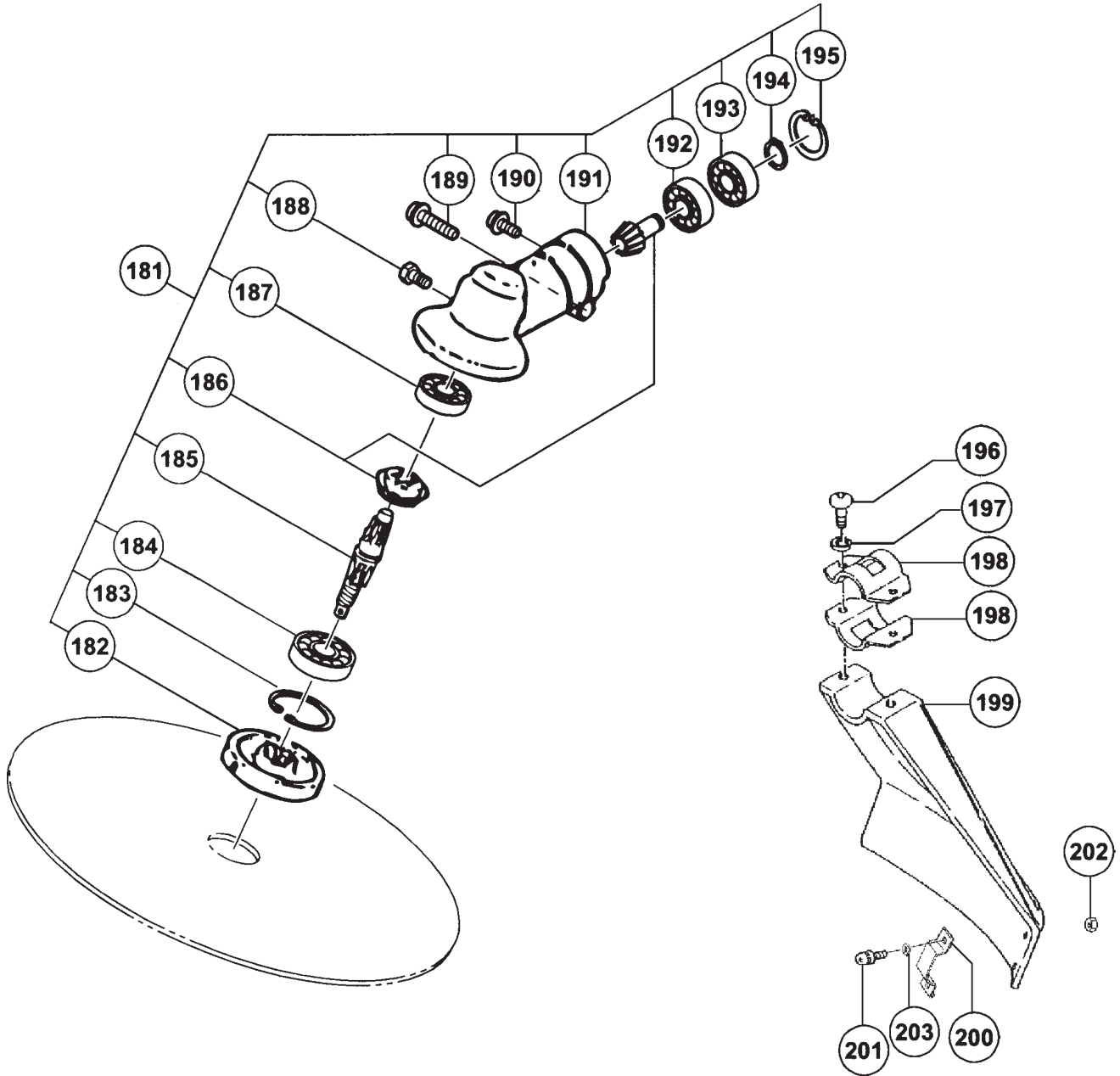
ITEM	PART NUMBER	DESCRIPTION	Qty	COMMENTS
81	99355050000	STOP RING E-5	2	Includes #81-83
82	79006097200	STARTER PAWL SPRING	2	
83	7880651H20	STARTER PAWL	2	
84	7980651H90	STARTER PULLEY ASS'Y	1	
85	8390304520	SET SCREW	1	
86	7590651H20	CAM PLATE	1	Includes #85-91,93 (screws not included)
87	7580651H20	SPRING	1	
88	7740720R20	STARTER ROPE REEL	1	
89	78006097200	RECOIL SPRING	1	
90	7830720F20	ROPE 3.0X800	1	
91	7720735080	RECOIL STARTER BODY COMP.	1	
92	99463040154	BOLT,HEX,4X15,PS	1	
93	7850304520	STARTER HANDLE	1	
94	7620735090	STARTER BODY ASS'Y	1	



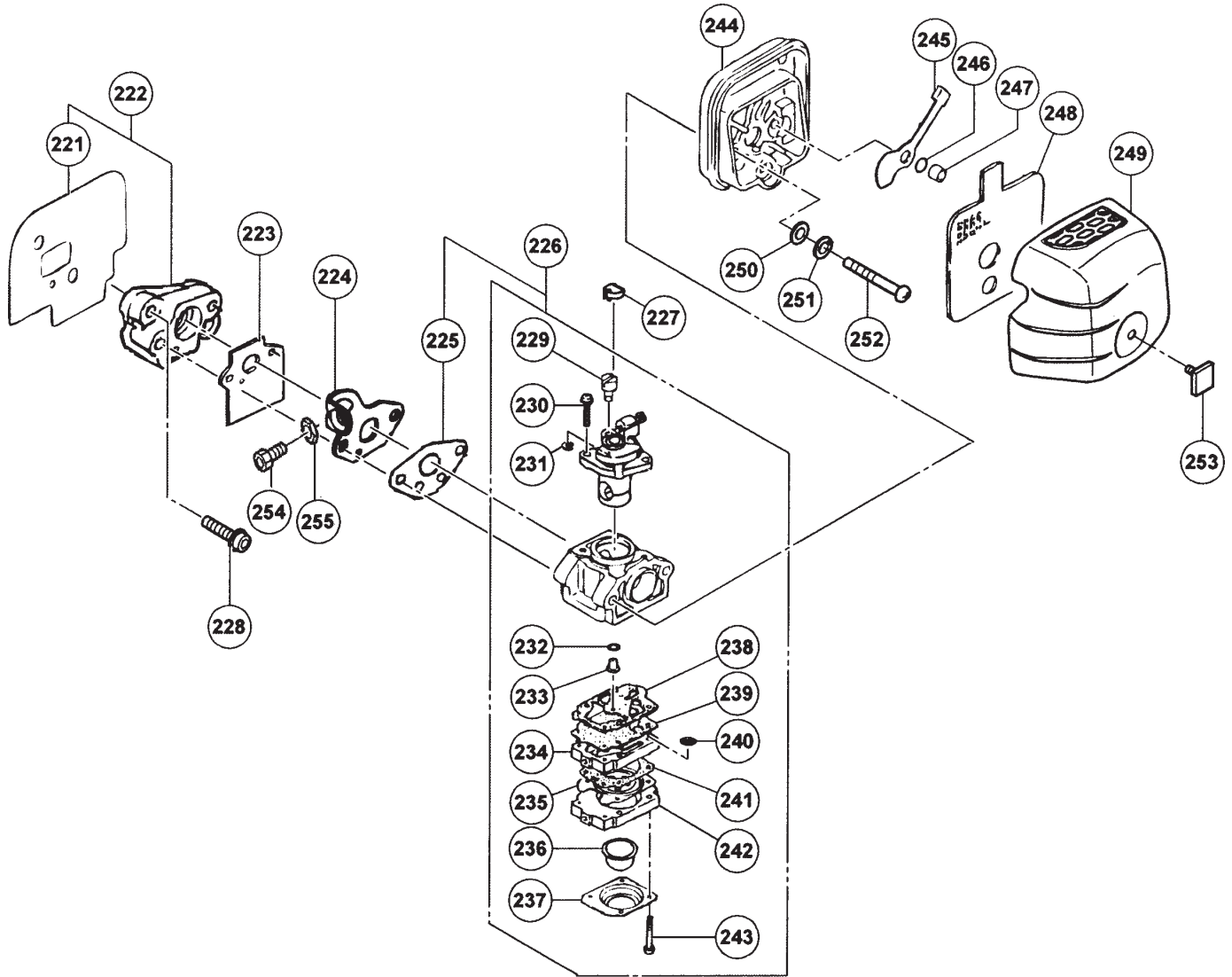
### THROTTLE, HANDLE & SHAFT • FIGURE 4

ITEM	PART NUMBER	DESCRIPTION	Qty	COMMENTS
141	6685039	HANDLE,FRONT	1	
142	6684701	SHAFT,DRIVE	1	
143	9193782020	DECAL	1	
144	6685018	BRACKET,HANDLE	1	
145	6685057	BOLT,HEX,5x35W	4	
146	99101050011	NUT,HEX,5	4	
147	6684703	BUSHING	5	
148	6684702	PIPE,DRIVE SHAFT	1	
149	6685012	PROTECTION TUBE	1	
150	6685025	WIRE,THROTTLE	1	
151	6685036	THROTTLE LEVER ASSY,24mm	1	
152	6695816	THROTTLE LEVER	1	
153	6695817	SWITCH,STOP	1	
154	6695818	SPRING,RETURN	1	
155	6695819	PLATE	1	
156	6695820	PLATE,SWITCH	1	
157	6695821	WIRE ASSY	1	
158	6695823	TUBE,INSULATOR	1	
159	99011050251	SCREW,5X25	2	
160	99011050301	SCREW,5X30	2	
161	6685035	SHAFT GRIP	1	
162	9233738F20	DECAL	1	
163	9233728620	DECAL	1	
164	92337400200	DECAL	1	
165	6684705	HANGER	1	
166	6684704	HANGER COLLAR	1	
167	6684706	HANGER BRACKET	1	
168	99461050254	BOLT,HEX,5x25S	1	



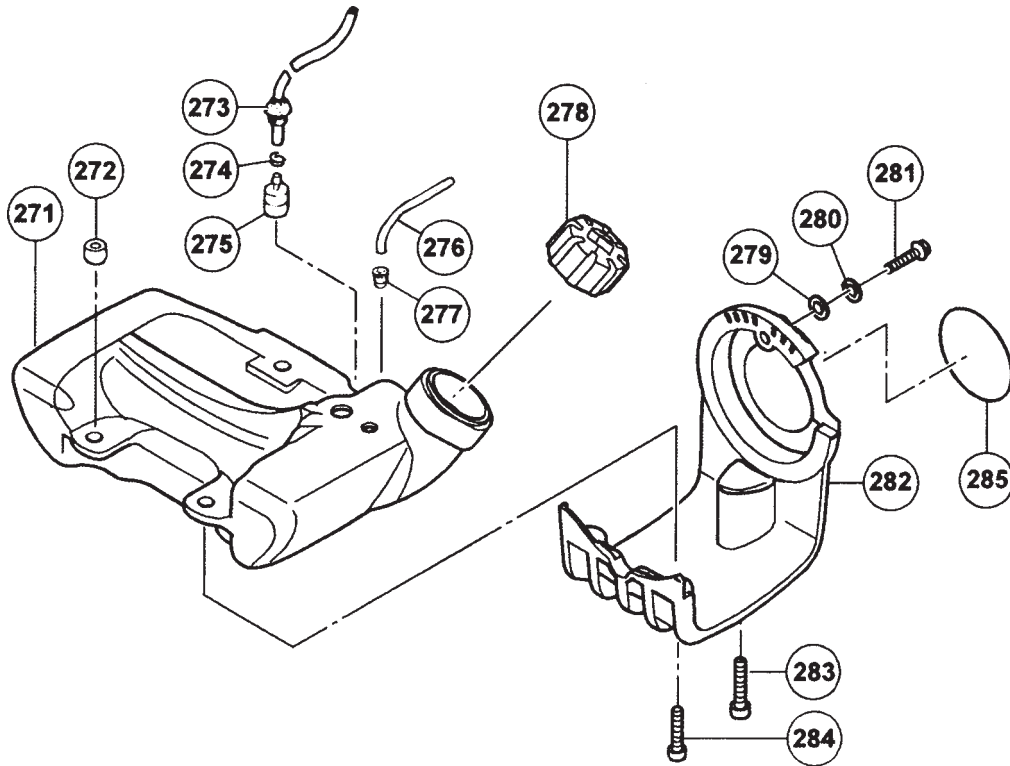


ITEM	PART NUMBER	DESCRIPTION	Qty	COMMENTS
181	6685062	GEAR CASE ASSY	1	Includes 185-195, 204-206
182	6684742	CUTTER HOLDER	1	
183	99351028002	STOP RING, C-28, INNER	1	
184	99961600104	BALL BEARING,6001DD	1	
185	6685063	GEAR SHAFT	1	
186	6684752	GEAR / PINION SET	1	
187	99961608000	BALL BEARING,608	1	
188	6684737	BOLT,6x8	1	
189	99464050304	BOLT,HEX,5x30/WS	1	
190	99461050124	BOLT,HEX,5x12S	1	
191	6684736	GEAR CASE,24mm	1	
192	99961609000	BALL BEARING,609	1	
193	99961609002	BALL BEARING,609Z	1	
194	99354009002	STOP RING 9	1	
195	99351024002	STOP RING, C-24, INNER	1	
196	99053060203	SCREW,HEX,6X20	2	
197	99210060062	WASHER 6	2	
198	4423741720	SAFETY GUARD BRACKET	2	
199	4413782090	SAFETY GUARD	1	
200	7973782020	BLADE	1	
201	99414040121	SCREW,4x12S	2	
202	99101040011	NUT,HEX 4	2	
203	99201040011	WASHER 4	2	

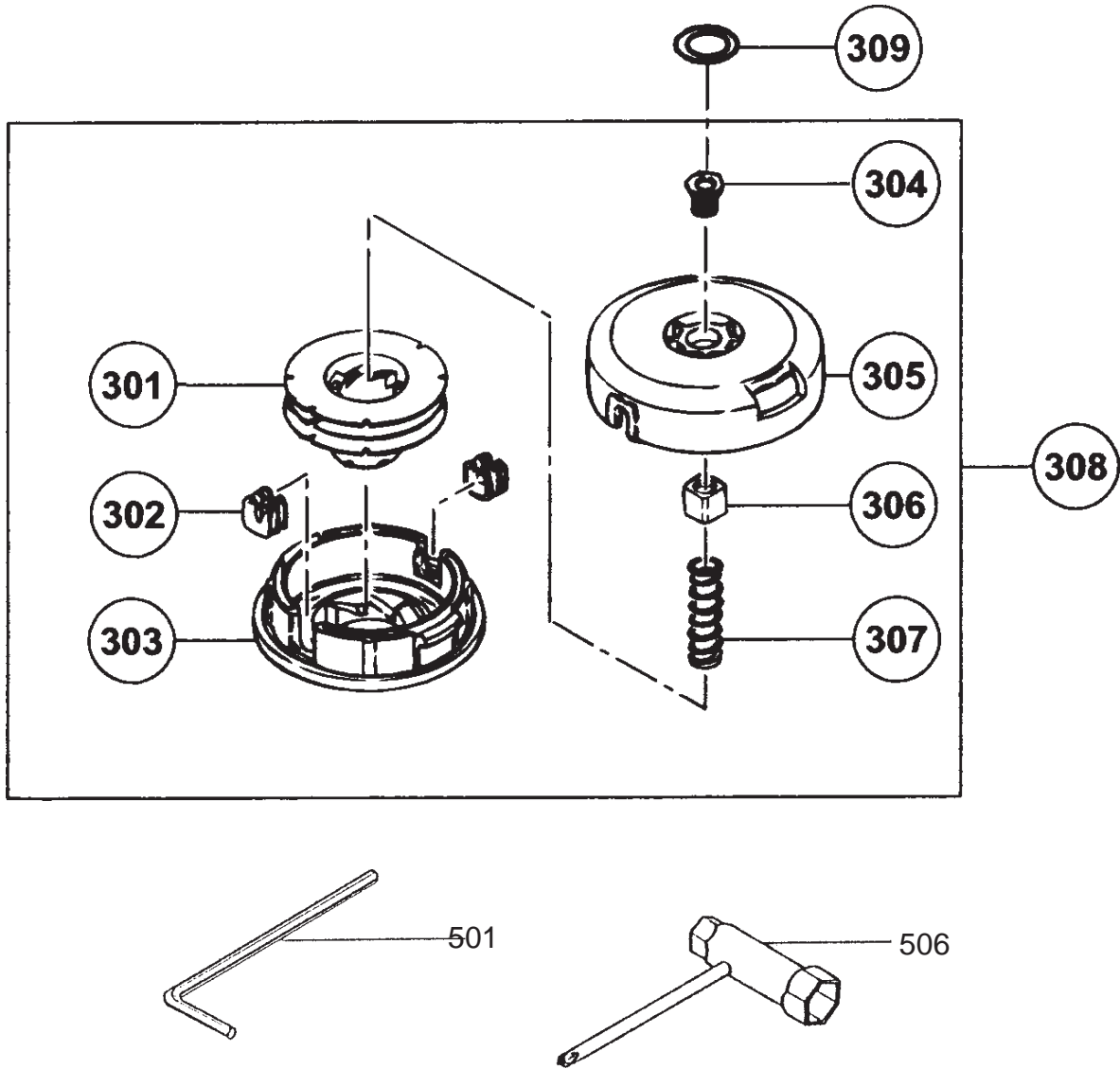


### CARBURETOR & AIR FILTER / COVER • FIGURE 6

ITEM	PART NUMBER	DESCRIPTION	Qty	COMMENTS
221	6684613	INSULATOR GASKET	1	
222	6684840	INSULATOR SET	1	Includes gasket #221
223	4020656A200	CARBURETOR GASKET	1	
224	8780662020	THROTTLE WIRE FIXING PLATE	1	
225	4020602K21	CARBURETOR GASKET	1	
226	6684624	CARBURETOR SET	1	Includes gasket #225 (not #227)
227	5600712020	SWIVEL CAP	1	
228	99464050255	HEX HOLE BOLT 5X25WS	2	
229	53925120200	SWIVEL	1	
230	54825140200	THROTTLE SET SCREW	2	
231	48925100200	STOP RING	1	
232	55025100200	O-RING	1	
233	6684694	MAIN JET 33	1	
234	6684686	PUMP BODY COMP	1	Includes #240
235	~ ~ ~	METERING DIAPHRAGM	1	~ Contained in Carb Kit #650.25140.900 (Not available individually)
236	44725108200	PRIMING BODY	1	
237	4762515120	DIAPHRAGM COVER	1	
238	~ ~ ~	PUMP DIAPHRAGM	1	
239	~ ~ ~	PUMP GASKET	1	
240	57825007200	INLET SCREEN	1	
241	~ ~ ~	DIAPHRAGM GASKET	1	
242	4422515180	PRIMING PUMP COMP.	1	
243	5482515120	SET SCREW	4	
244	4230007081	CLEANER BODY COMP.	1	
245	5280714320	CHOKE VALVE	1	
246	99204080030	WAVE WASHER 8	1	
247	6573252A20	COLLAR 8	1	
248	4210007020	AIRCLEANER ELEMENT	1	
249	6684653	CLEANER COVER	1	
250	99201050011	WASHER 5	2	
251	99210050012	S.WASHER 5	2	
252	99011050602	SCREW 5X60	2	
253	4500006A81	COVER FIXING BOLT	1	
254	61425137200	CABLE ADJUSTER	1	
255	99101060013	M6 LOCK NUT	1	



ITEM	PART NUMBER	DESCRIPTION	Qty	COMMENTS
271	6685043	TANK	1	
272	6590430020	COLLAR C	3	
273	2230162V900	FUEL PIPE ASS'Y	1	
274	68000731201	CLIP, 6.3 DIA.	1	
275	6750404280	FUEL FILTER	1	
276	70003005350	FUEL PIPE 3X5X350	1	Cut to fit
277	53432710200	GROMMET, RETURN PIPE	1	
278	6685071	GAS CAP	1	
279	6684632	WASHER 4	1	
280	99210040062	S. WASHER 4	1	
281	6684631	HEX HOLE BOLT 4X45	1	
282	6684630	STAND	1	
283	99464050255	HEX HOLE BOLT 5X25WS	1	
284	99463050204	HEX.HOLE BOLT 5X20PS	2	
285	TBA	DECAL	1	



ITEM	PART NUMBER	DESCRIPTION	Qty	COMMENTS
301	7873383020	REEL	1	
302	7883383020	EYELET	2	
303	7893383020	BODY CAP	1	
304	3563383B20	ADAPTER, 10x1.25 LHF	1	
305	7863383020	BODY CAP	1	
306	3153383020	NUT	1	
307	7933383020	SPRING	1	
308	746451	HEAD, SEMI-AUTO, 5in	1	
309	99201120011	WASHER, 12	1	

ITEM	PART NUMBER	DESCRIPTION	Qty	COMMENTS
501	829290052H	COMBI BOX WRENCH 13X19	1	
506	81320000200	HEX. WRENCH 4	1	

