

Tanaka Illustrated Parts Manual

Model Number:

TBC-255SFK

Smart Fit - 3 in 1 - Multi Task Tool

P/N 40826

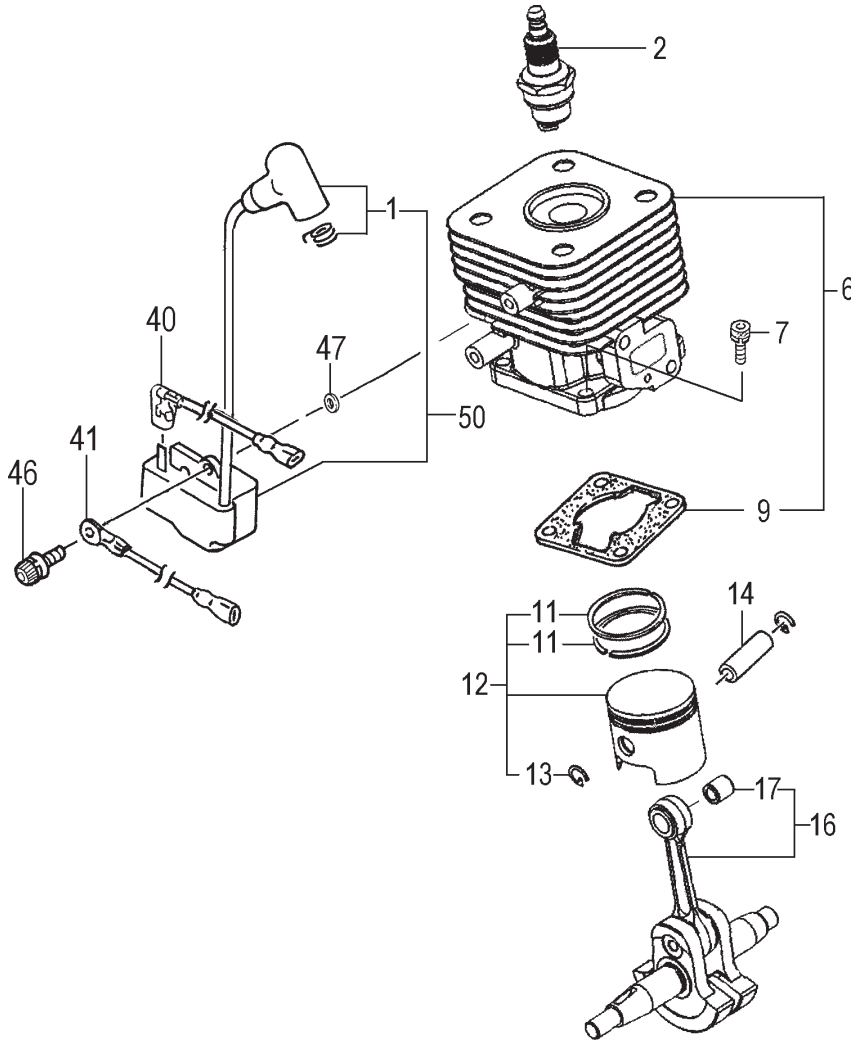
Rev 000

Date 5-4-07

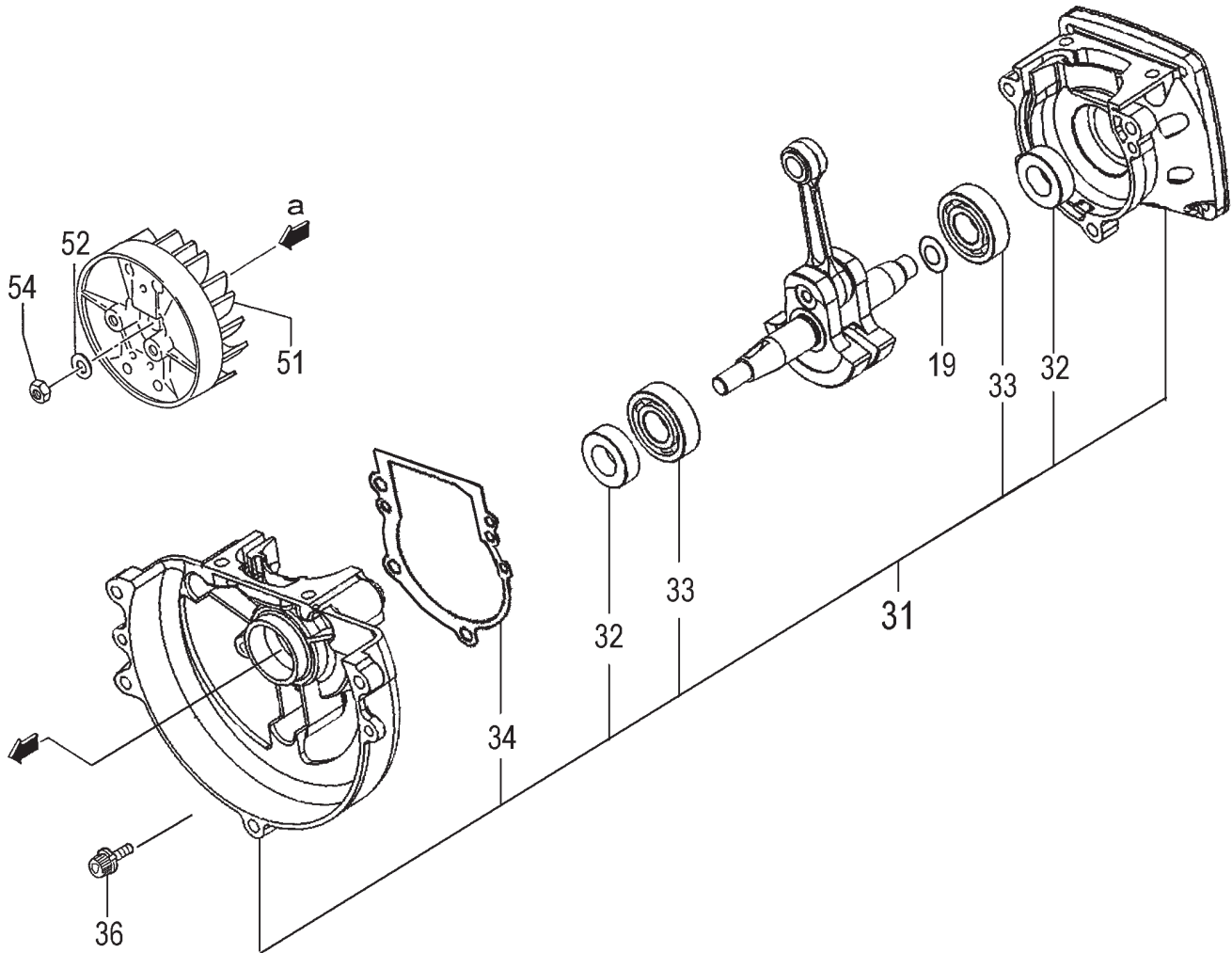


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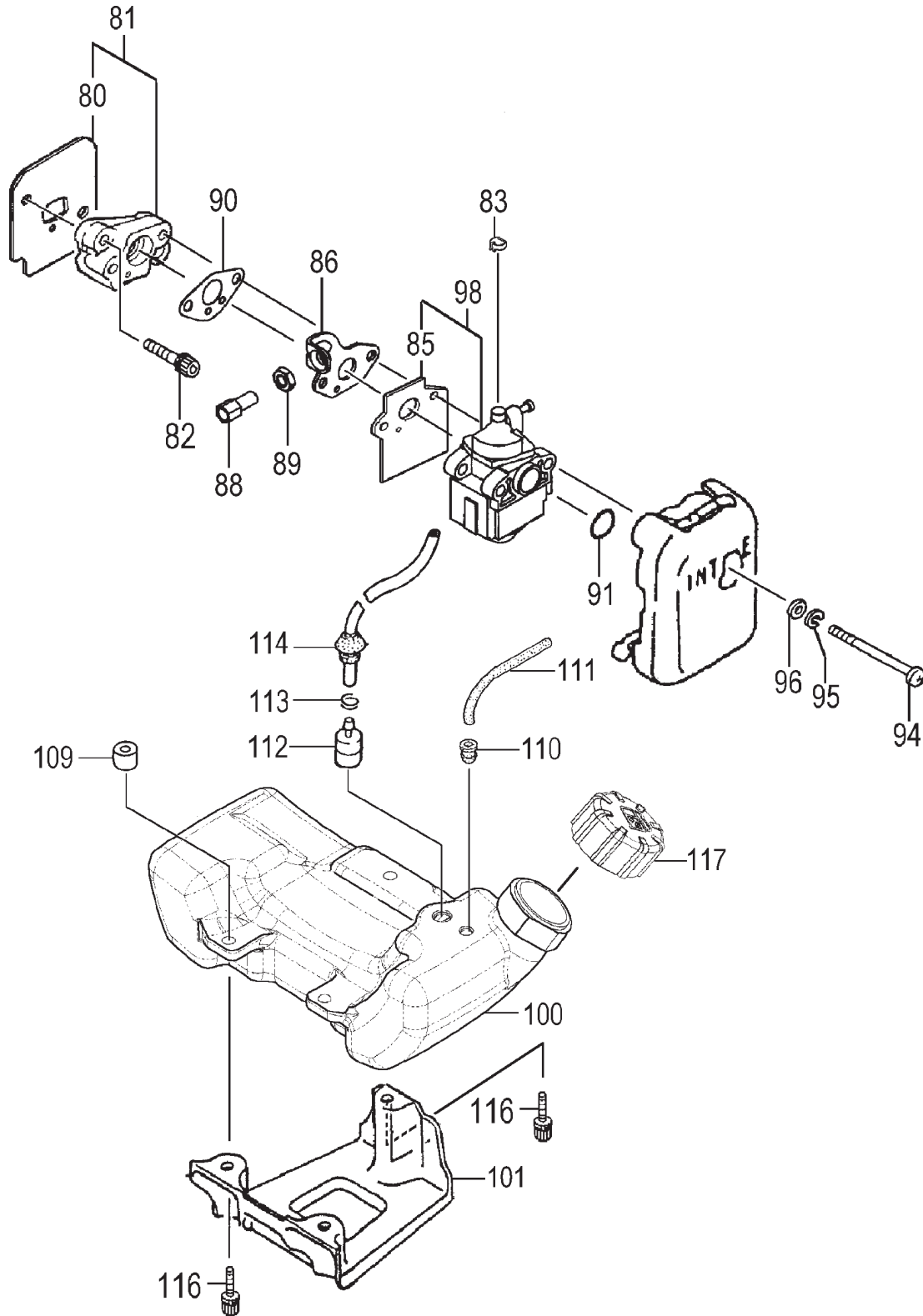
CYLINDER, PISTON, CRANKSHAFT, IGNITION • FIGURE 1



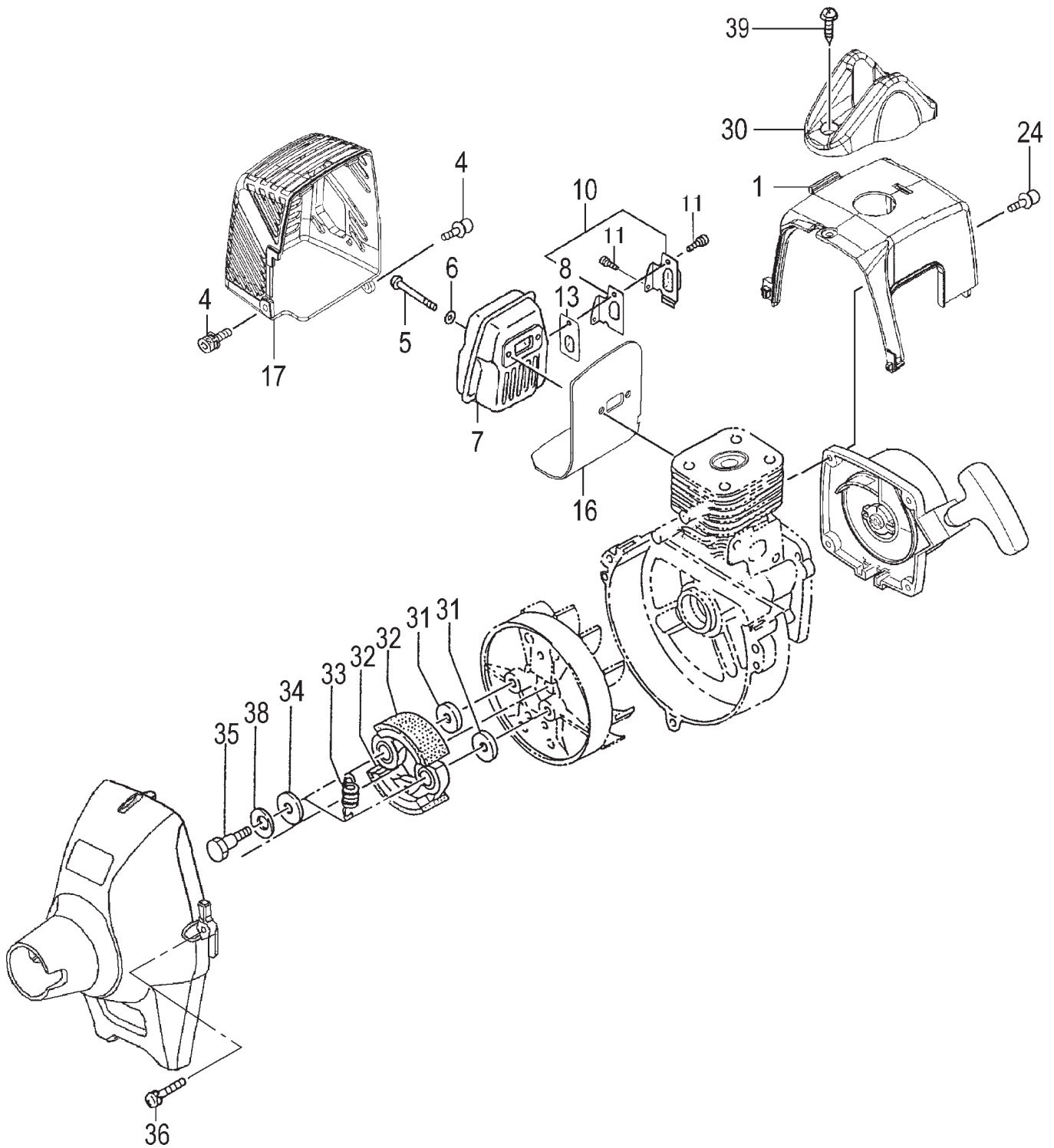
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1-1	1570168090	CAP, SPARK PLUG ASS'Y	1	
1-2	01802233200	PLUG, SPARK	1	
1-6	0010760090	CYLINDER SET	1	Includes gasket
1-7	99461050184	BOLT, HEX, 5X18, S	4	
1-9	0170735020	GASKET, CYLINDER	1	
1-11	0410160120	RING, PISTON	2	
1-12	0300750090	PISTON SET	1	Includes rings and circlips
1-13	03901620200	CIRCLIP, PISTON PIN	2	
1-14	0370704520	PIN, PISTON	1	
1-16	0460735082	CRANKSHAFT	1	
1-17	99962081225	BEARING, NEEDLE, F-810	1	
1-40	1780168080	CORD, STOP	1	
1-41	2740168080	CORD, EARTH	1	
1-46	99464040184	BOLT, HEX 4X18WS	2	
1-47	1820186A201	WASHER, SPECIAL	2	
1-50	1672101290	COIL, IGNITION	1	



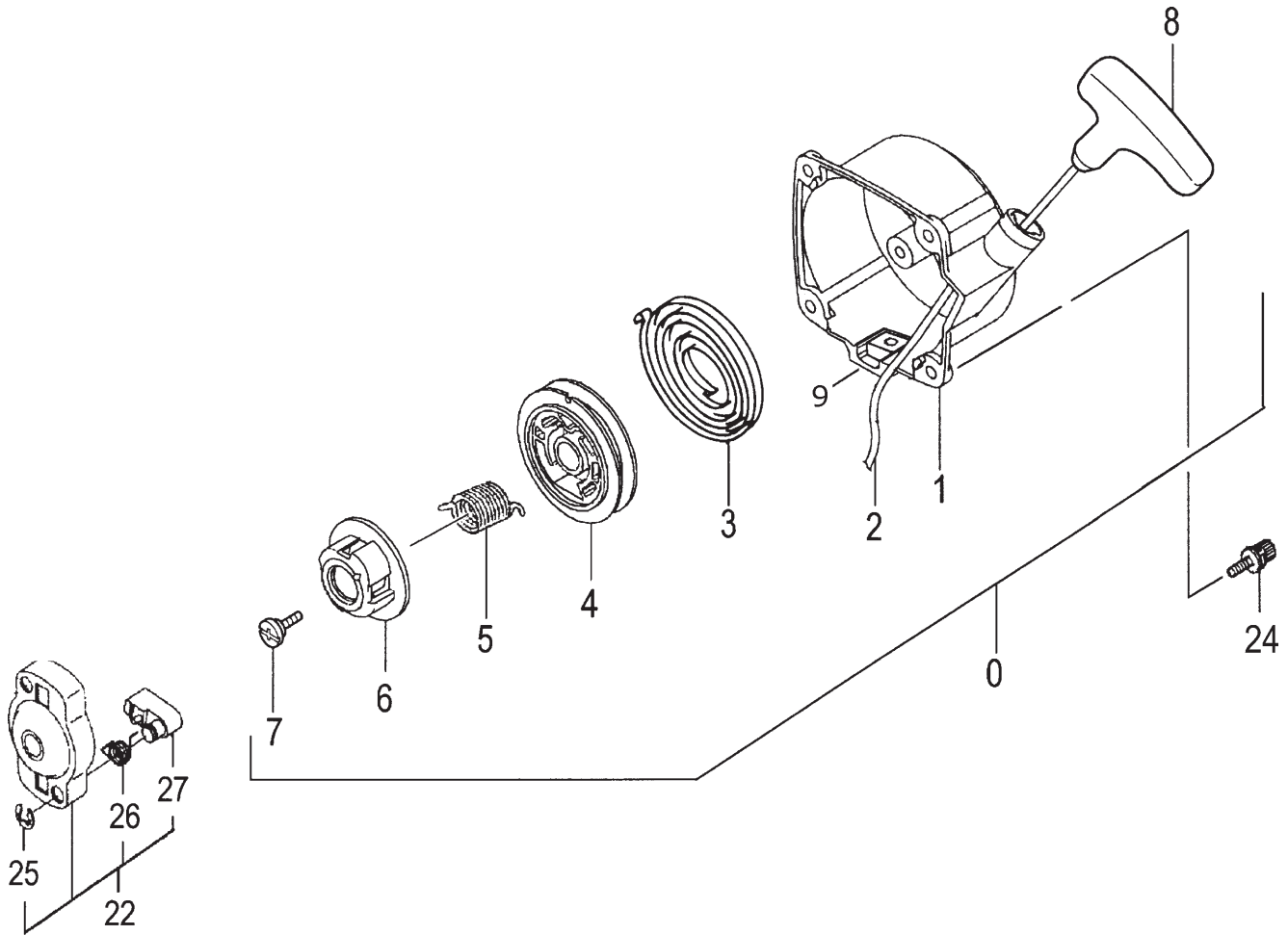
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
2-19	33000200230	SHIM,12.2X19X.20	1	
2-19	33000200240	SHIM,12.2X19X.30	1	
2-31	0720304592	CRANKCASE ASSY	1	Includes bearings, seals and gasket
2-32	99966122206	SEAL,OIL,#TC12227	2	
2-33	99961600115	BEARING,BALL,6001 C3	2	
2-34	0900735022	GASKET,CRANKCASE	1	
2-36	99461050164	BOLT,HEX,5X16,S	4	
2-51	1552101281	FLYWHEEL	1	
2-52	99201080011	WASHER,8	1	
2-54	99101080011	NUT,8	1	



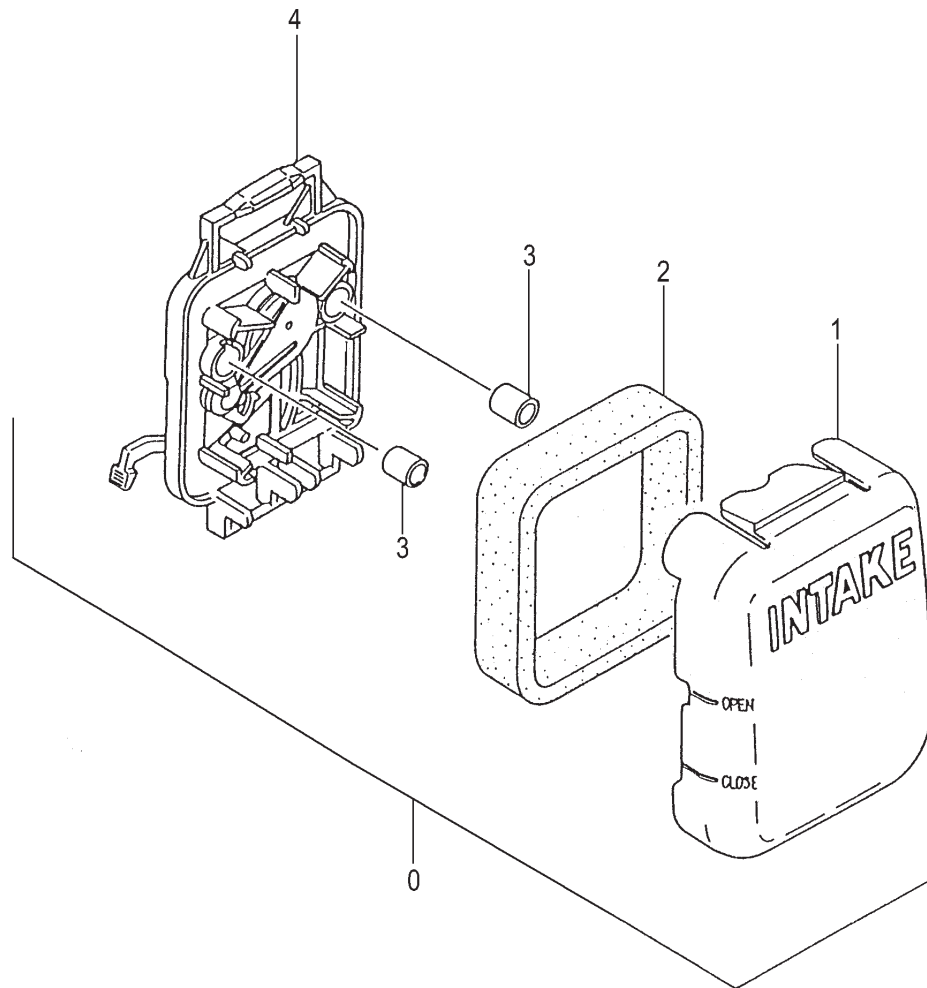
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
3-80	4030702021	GASKET,INLET MANIFOLD	1	
3-81	4040702091	INSULATOR SET	1	
3-82	99464050255	BOLT,HEX,5x25WS	2	
3-83	5600712020	SWIVEL CAP	1	
3-85	4020656A200	GASKET	1	
3-86	8780662020	PLATE,THROTTLE WIRE	1	
3-88	61425137200	ADJUSTER,CABLE	1	
3-89	99101060013	NUT,6	1	
3-90	4020602K21	GASKET,CARBURETOR	1	
3-91	99967015000	O-RING,P15	1	
3-94	99011050602	SCREW,5X60	2	
3-95	99210050012	WASHER,S,5	2	
3-96	99201050011	WASHER,5	2	
3-98	4550307090	CARBURETOR SET	1	
3-100	5910735F20	TANK,FUEL,EVAPO	1	
3-101	9400735020	STAND	1	
3-109	6590430020	COLLAR,C	3	
3-110	53432710200	GROMMET,FUEL PIPE	1	
3-111	70003005062	PIPE,FUEL,3X5X62	1	
3-112	6750404280	FILTER,FUEL	1	
3-113	68000731201	CLIP 6.3	1	
3-114	2230162V900	PIPE,FUEL,ASS'Y	1	
3-116	99463050204	BOLT,HEX 5X20	3	
3-117	5950300290	CAP,TANK (BLACK/RED)	1	



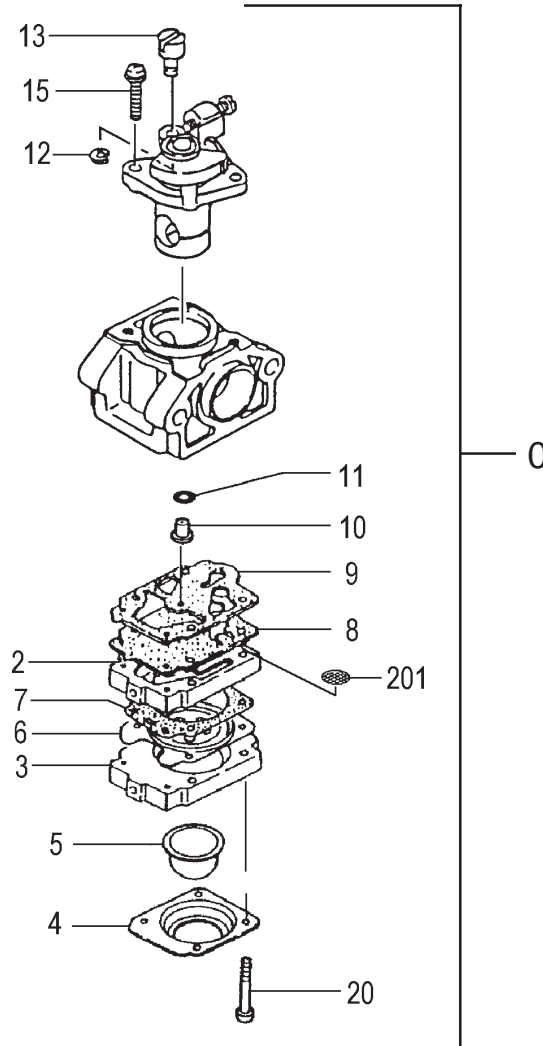
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
4-1	0160750020	COVER,CYLINDER	1	
4-4	99463050164	BOLT,HEX,5X16,PS	2	
4-5	99051060653	BOLT,HEX,6x65	2	
4-6	99201060011	WASHER,6	2	
4-7	7060750080	MUFFLER	1	
4-8	7510725020	GASKET,MUFFLER	1	
4-10	7340725590	TAIL PIPE SET	1	
4-11	99436040081	SCREW,4X18WS	2	
4-13	7320725020	ARRESTER,SPARK	1	
4-16	1330750020	SHIELD,HEAT	1	
4-17	7380750020	COVER,MUFFLER	1	
4-24	99464040185	BOLT,HEX,4x18WS	2	
4-30	2570304520	PROTECTOR,SPARK PLUG	1	
4-31	35902103200	WASHER,CLUTCH,B	2	
4-32	29001620800	SHOE,CLUTCH	2	
4-33	3420630B200	SPRING,CLUTCH	1	
4-34	3480630A20	PLATE,CLUTCH	2	
4-35	3570075T200	BOLT,STEP	2	
4-36	99463050204	BOLT,HEX 5X20	3	
4-38	99205080030	WASHER,8	2	
4-39	99072045164	SCREW,TAPPING,4.5X16	1	



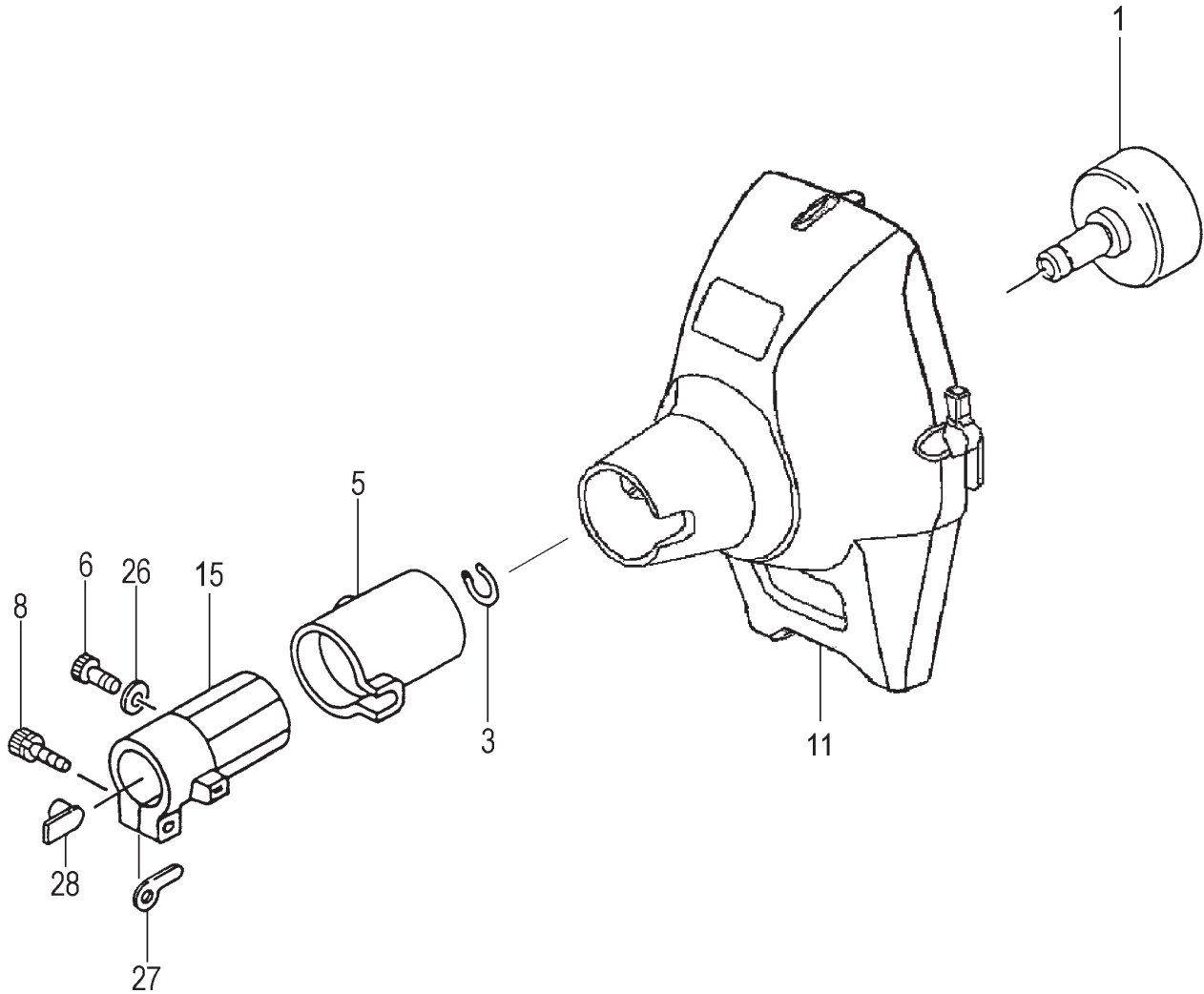
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
5-0	7620735090	STARTER ASSY	1	
5-1	7720735080	BODY,STARTER	1	
5-2	7830720F20	ROPE,STARTER	1	
5-3	78006097200	SPRING,RECOIL	1	
5-4	7740720F20	REEL,ROPE	1	
5-5	7580651H20	SPRING	1	
5-6	7590651H20	PLATE,CAM	1	
5-7	8390304520	SCREW,SET	1	
5-8	7850304520	HANDLE,STARTER	1	
5-9	3153334020	NUT,SPECIAL 5MM	1	
5-22	7980651H90	PULLEY ASSY,STARTER	1	
5-24	99464040185	BOLT,HEX,4x18WS	2	
5-25	99355050000	RING,STOP,5	2	
5-26	79006097200	SPRING,STARTER PAWL	2	
5-27	7880651H20	SPRING,STARTER	2	



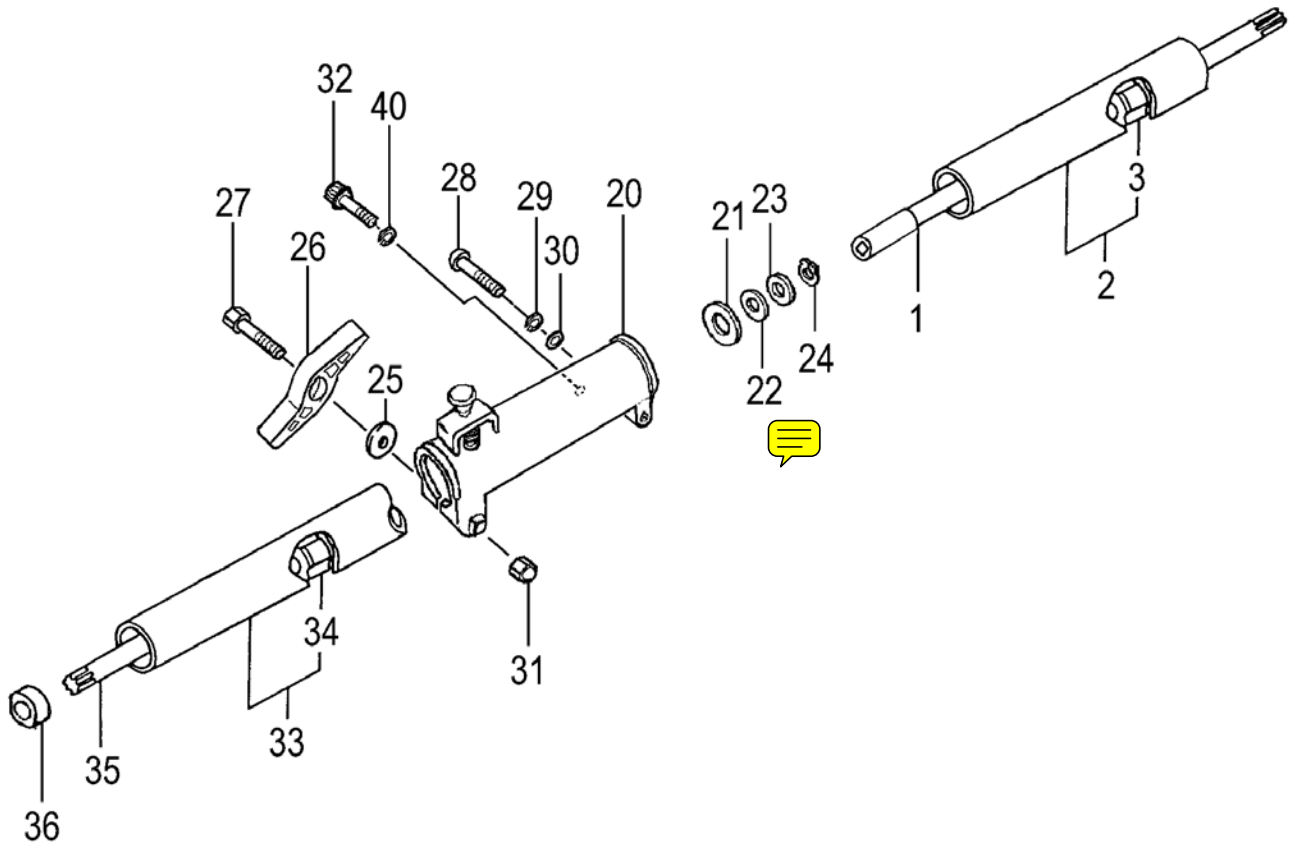
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
6-0	41000025900	CLEANER,AIR ASS'Y	1	
6-1	42400025200	CAP,AIR CLEANER	1	
6-2	44600025200	ELEMENT,CLEANER	1	
6-3	47000025200	COLLAR	2	
6-4	42300025800	BODY,CLEANER,AIR	1	



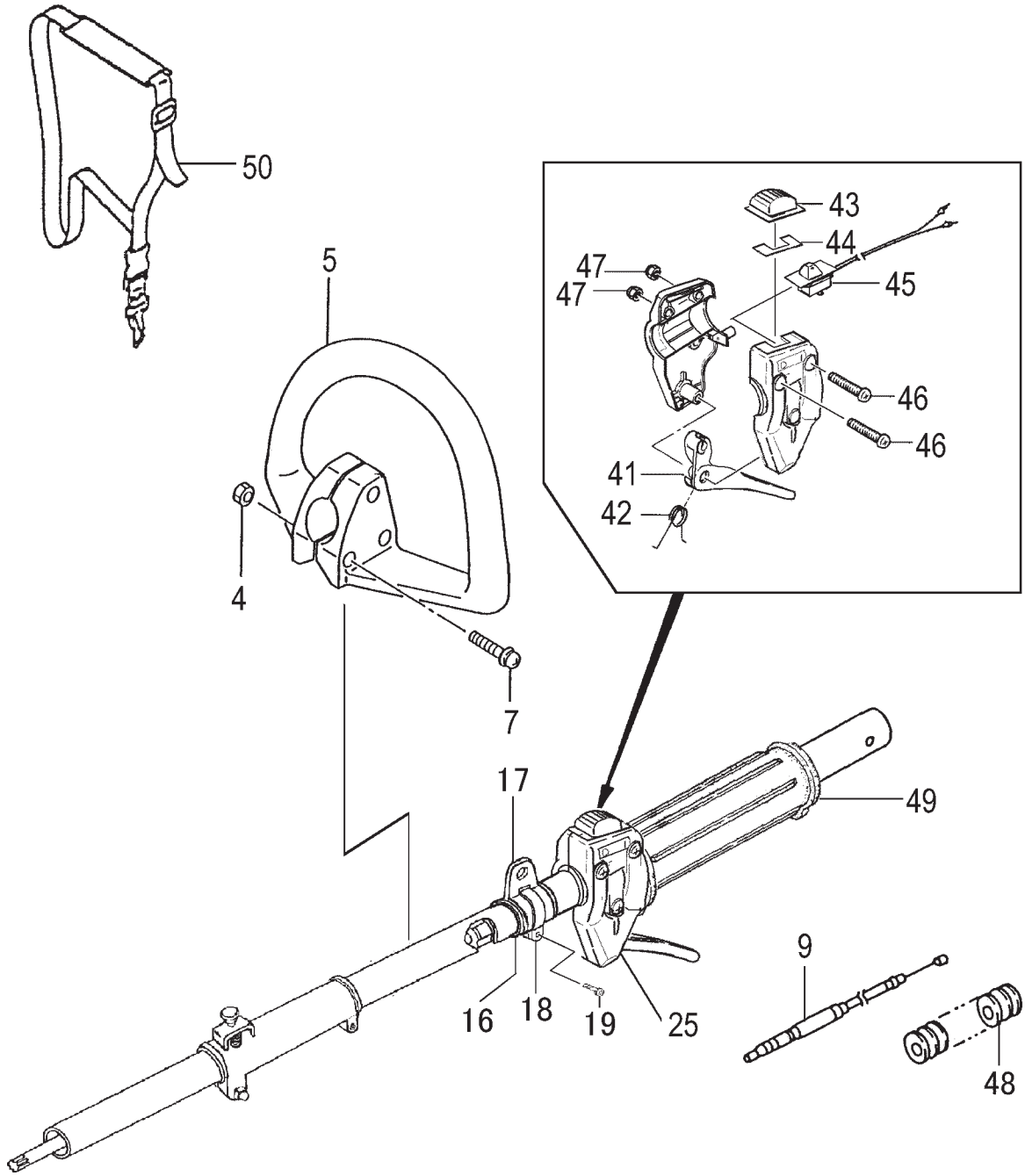
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
7-0	4550307090	CARBURETOR SET	1	Includes gasket
7-2	5752515380	BODY,PUMP	1	
7-3	4422515180	PUMP,PRIMING	1	
7-4	4762515120	COVER,DIAPHRAGM	1	
7-5	44725108200	BULB,PRIMING	1	
7-6	~ ~ ~	DIAPHRAGM,METERING	1	Included in Carb Kit #650.25140.90 (items not available individually)
7-7	~ ~ ~	GASKET,DIAPHRAGM	1	
7-8	~ ~ ~	DIAPHRAGM,PUMP	1	
7-9	~ ~ ~	GASKET,PUMP	1	
7-10	599200BW33	MAIN JET,#33.5	1	
7-11	55025100200	O-RING	1	
7-12	48925100200	RING,STOP	1	
7-13	53925120200	SWIVEL	1	
7-15	54825140200	SCREW,THROTTLE SET	2	
7-20	5482515120	SCREW,SET	4	
7-201	57825007200	SCREEN,INLET	1	



ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
8-1	2890307080	DRUM,CLUTCH	1	
8-3	99350012002	RING,STOP,C-12 EX	1	
8-5	5990098021	CUSHION,RUBBER	1	
8-6	99051050163	BOLT,HEX,5X16	1	
8-8	99461050254	BOLT,HEX HOLE,5X25S	1	
8-11	1120304580	CASE,FAN	1	
8-15	3600099620	PIPE HOLDER	1	
8-26	99201050061	WASHER,5	1	
8-27	3243735020	WASHER,GEAR CASE	1	
8-28	3610099020	FITTING,METAL	1	

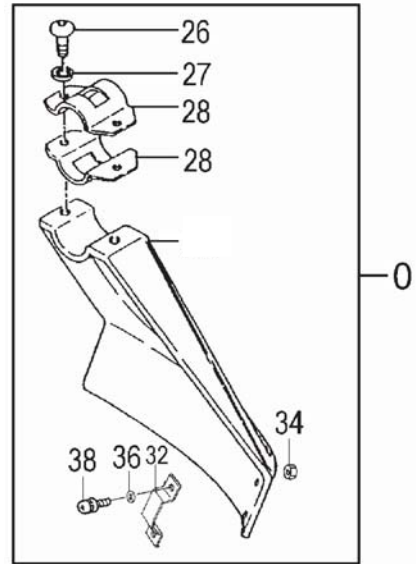
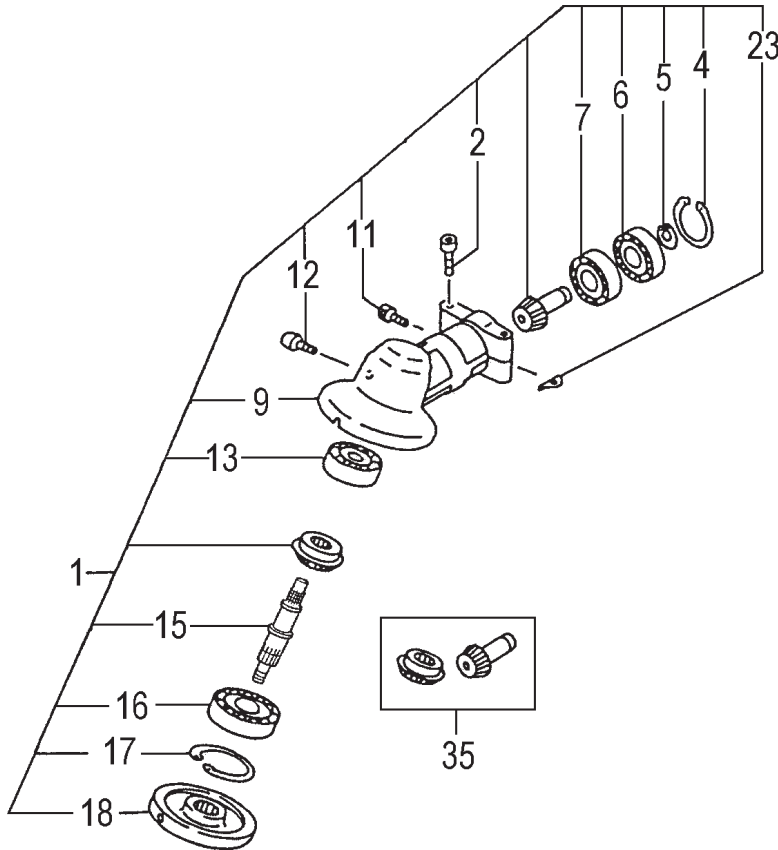


ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
9-1	0353846680	SHAFT,DRIVE A	1	
9-2	3413860380	SHAFT,DRIVE	1	
9-3	3473004590	BUSHING	3	
9-20	2803846690	CASE,JOINT	1	
9-21	3203331820	SPACER	1	
9-22	36033315200	SPACER	1	
9-23	80110205202	WASHER,PULLEY	1	
9-24	99350010002	RING,STOP,C-10 EX	1	
9-25	87132600200	WASHER,SPECIAL,B	1	
9-26	5123338P20	KNOB,HANDLE	1	
9-27	99021060504	BOLT,6X50	1	
9-28	99053060353	HEX, HOLE BOLT 6X35	1	
9-29	99210060062	WASHER,S,6	1	
9-30	99200060061	WASHER,BLACK,6	1	
9-31	99142060012	NUT,CAP 6	1	
9-32	99051050123	BOLT,HEX,5X12	1	
9-33	3413860380	SHAFT,DRIVE	1	
9-34	3473004590	BUSHING	3	
9-35	0363819020	SHAFT,DRIVE B	1	
9-36	3473846620	BUSHING	1	
9-40	99210050062	WASHER,S,5	1	



THROTTLE & FRONT HANDLE • FIGURE 10

ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
10-4	99101050041	NUT,5	3	
10-5	5003845120	HANDLE,FRONT	1	
10-7	99416050302	SCREW,5x30,WS	3	
10-9	8853823080	WIRE,THROTTLE	1	
10-16	3343836020	COLLAR,HANGER	1	
10-17	3353836080	HANGER	1	
10-18	3373836080	HANGER BRACKET	1	
10-19	99416050252	SCREW,5X25WS	1	
10-25	8703845190	LEVER,THROTTLE ASSY	1	
10-41	8803845120	LEVER,THROTTLE	1	
10-42	8323845120	SPRING,RETURN	1	
10-43	1623845120	BUTTON,STOP	1	
10-44	9253845120	DECAL,STOP SWITCH	1	
10-45	1563845180	SWITCH,STOP	1	
10-46	99011050301	SCREW,5X30	3	
10-47	99101050011	NUT,5	3	
10-48	1640701701	TUBE,PROTECTION,7x170	1	
10-49	5093845321	GRIP,SHAFT	1	
10-50	746191	STRAP,SHOULDER,SINGLE	1	



ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
11-0	4413782090	SAFETY GUARD KIT	1	
11-1	3003845190	CASE,GEAR ASSY	1	
11-2	99461050254	BOLT,HEX HOLE,5X25S	1	
11-4	99351024002	RING,STOP,C-24,IN	1	
11-5	99350009002	RING,STOP,C9	1	
11-6	99961609002	BEARING,BALL,#609Z	1	
11-9	3003836021	CASE,GEAR	1	
11-11	99416050121	SCREW,5X12/PS	2	
11-12	3163815020	BOLT,FITTING,M8	1	
11-13	99961626000	BEARING,BALL,#626	1	
11-15	3043845120	SHAFT,GEAR	1	
11-16	99961600003	BEARING,BALL,#6000D	1	
11-17	99351026002	RING,STOP,IN,C-26	1	
11-18	3103836020	HOLDER,CUTTER	1	
11-26	99053060203	BOLT,HEX,6X20	2	
11-27	99210060062	WASHER,S,6	2	
11-28	4423741720	BRACKET,SAFETY GUARD	2	
11-32	7973782020	LIMITER,LINE	1	
11-34	99101040011	NUT,4	2	
11-35	3013836000	SET,GEAR & PINION	1	
11-36	99201040011	WASHER,4	2	
11-38	99414040121	SCREW,4X12/S	2	
11-45	3033836020	COVER,GEAR CASE	1	

No Brainer Cutting Head
Order #32308

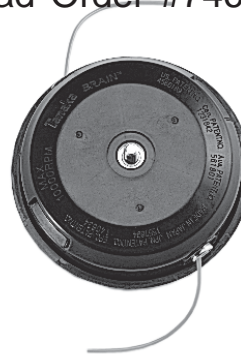


Optional Cutting Attachments

Semi-Auto (Tap)
Head Order #746451



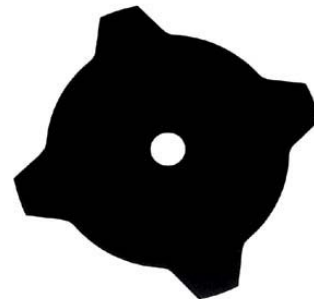
Automatic Feed
Head Order #746751



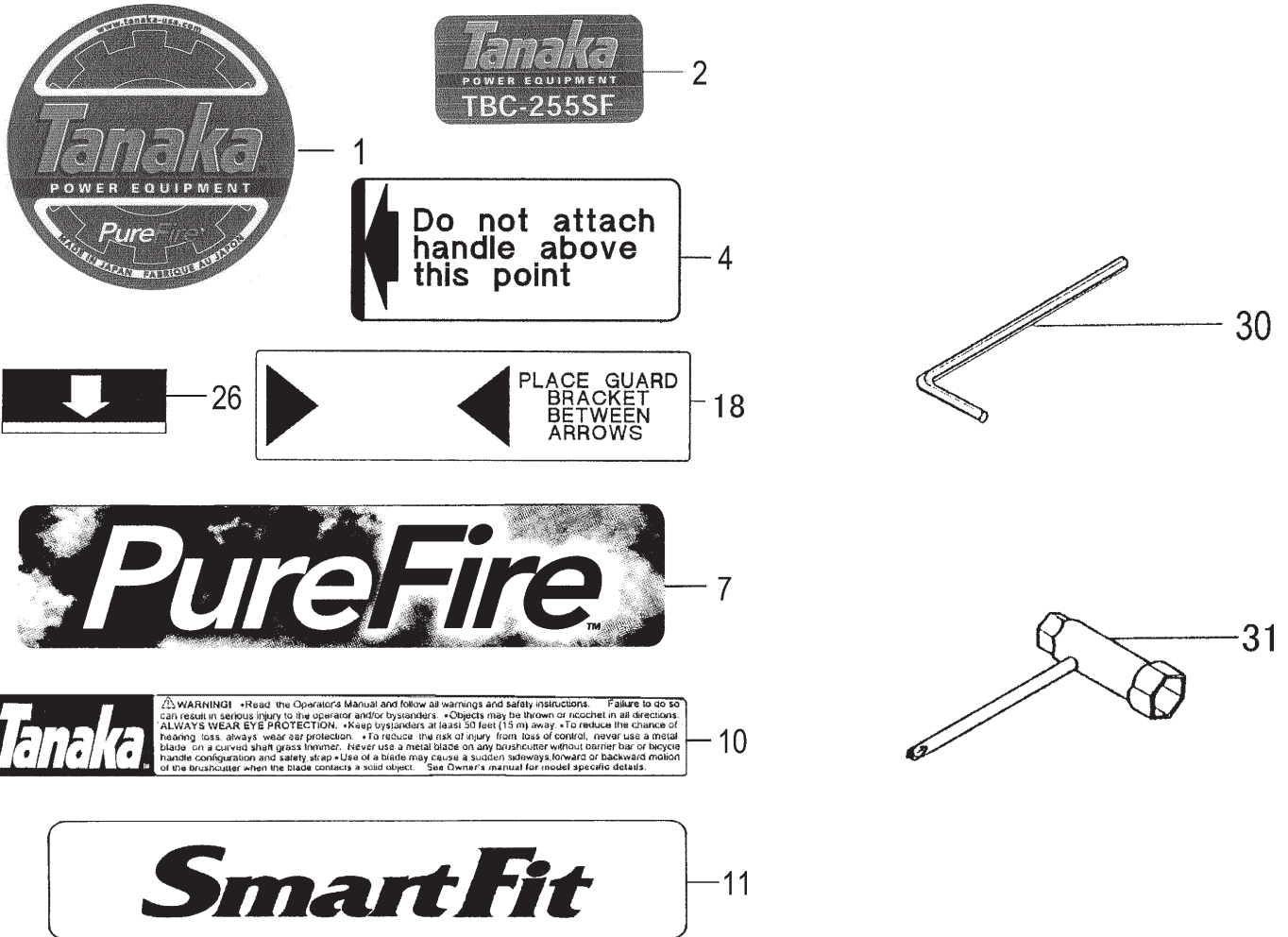
9"x80 Tooth Saw Blade
Order #746104



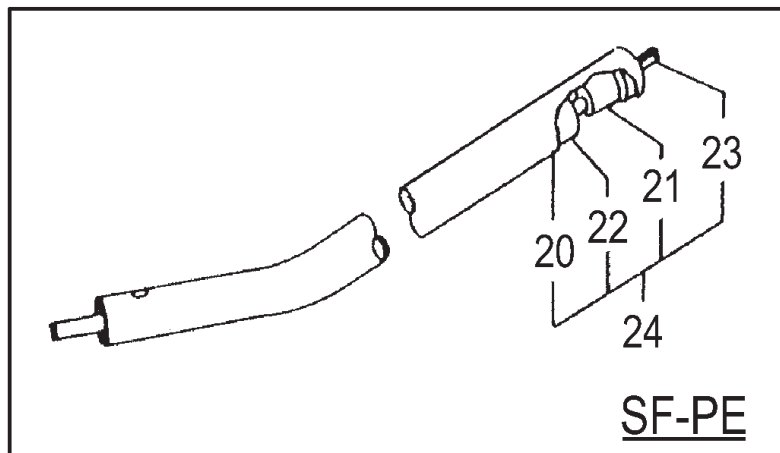
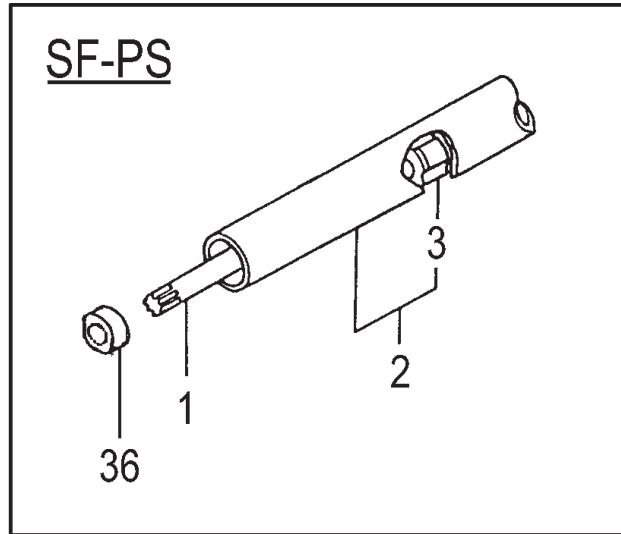
9"x4 Tooth Weed Blade
Order #746101



Optional metal blade use requires #748503 blade conversion kit

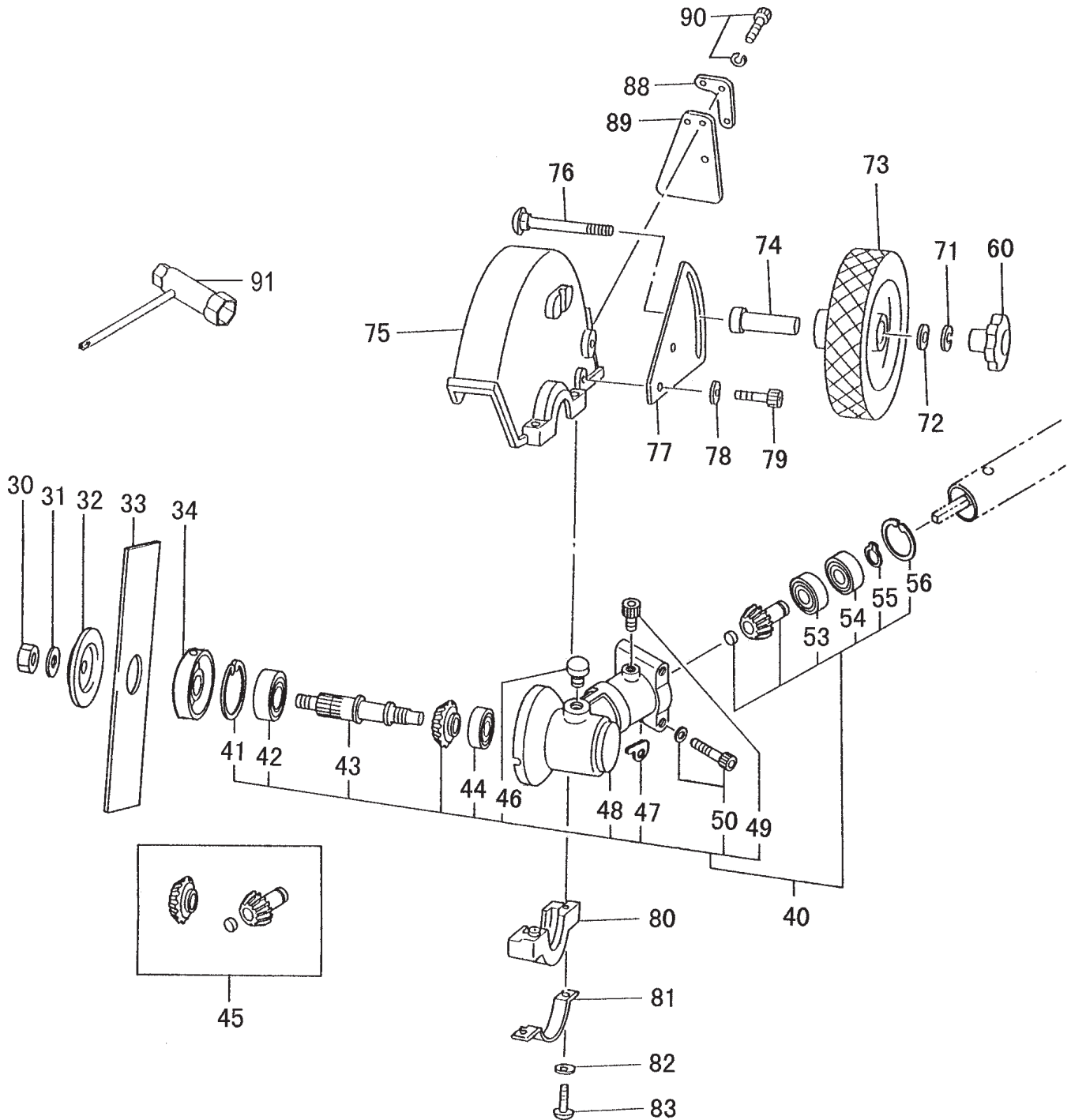


ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
12-30	81320000200	WRENCH,HEX,4	1	
12-31	8292000080	SPANNER,COMBI,13X19	1	
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
13-1	9150735520	DECAL,S-START	1	
13-2	9290750620	DECAL,TBC-255SFK	1	
13-4	9233738F20	DECAL,LEVEL	1	
13-7	9293810020	DECAL,SYMBOL,PF	1	
13-10	9193782020	DECAL,CAUTION A	1	
13-11	9293846620	DECAL,SMART FIT	1	
13-18	9233728620	DECAL,LEVEL	1	
13-26	92337400200	DECAL,LEVEL	1	



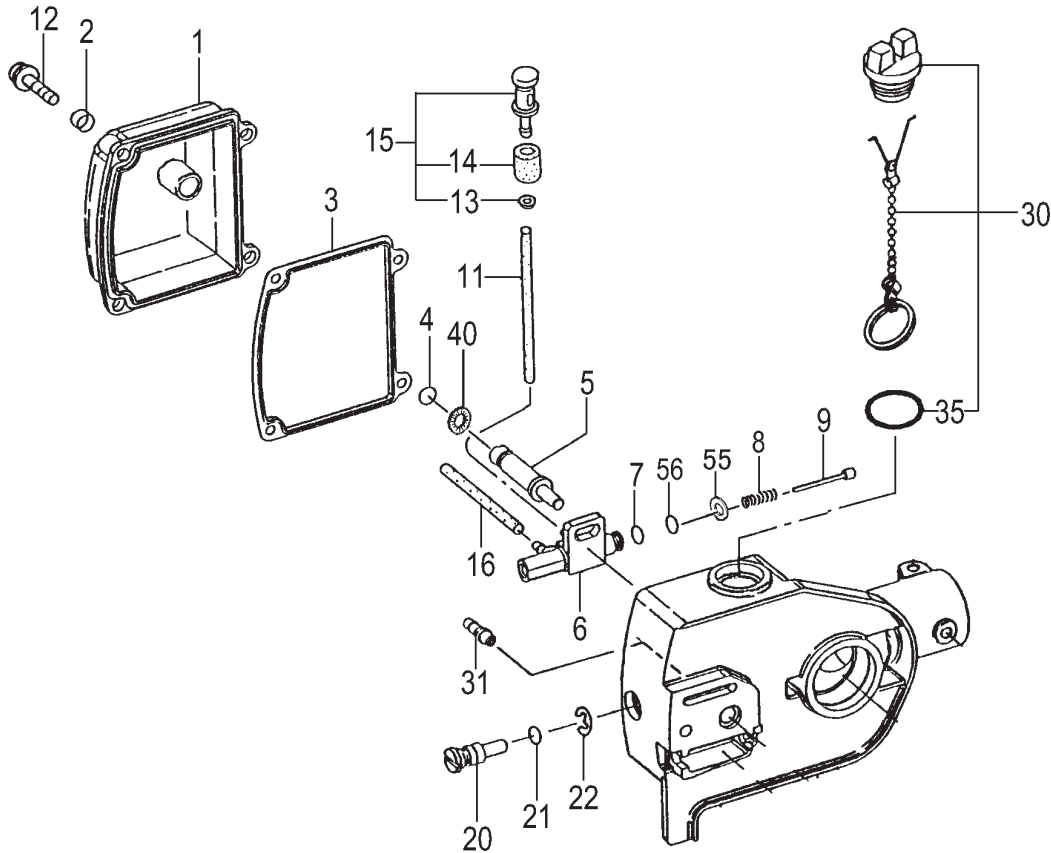
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
14-1	0363819020	DRIVE SHAFT B 783L	1	Pole saw
14-2	3413860380	DRIVE SHAFT COMP 742L	1	Pole saw
14-3	3473004590	BUSH ASS'Y	4	Pole saw
14-20	3413729920	PIPE,DRIVE SHAFT	1	Edger
14-21	3203729020	SPACER	1	Edger
14-22	3503729920	LINER,DRIVE SHAFT	1	Edger
14-23	3443729920	SHAFT,FLEX	1	Edger
14-24	3533729990	DRIVE SHAFT ASS'Y	1	Edger
14-36	3473846620	BUSHING	1	Pole saw

EDGER GEAR CASE, WHEEL, BLADE MOUNTING • FIGURE 15

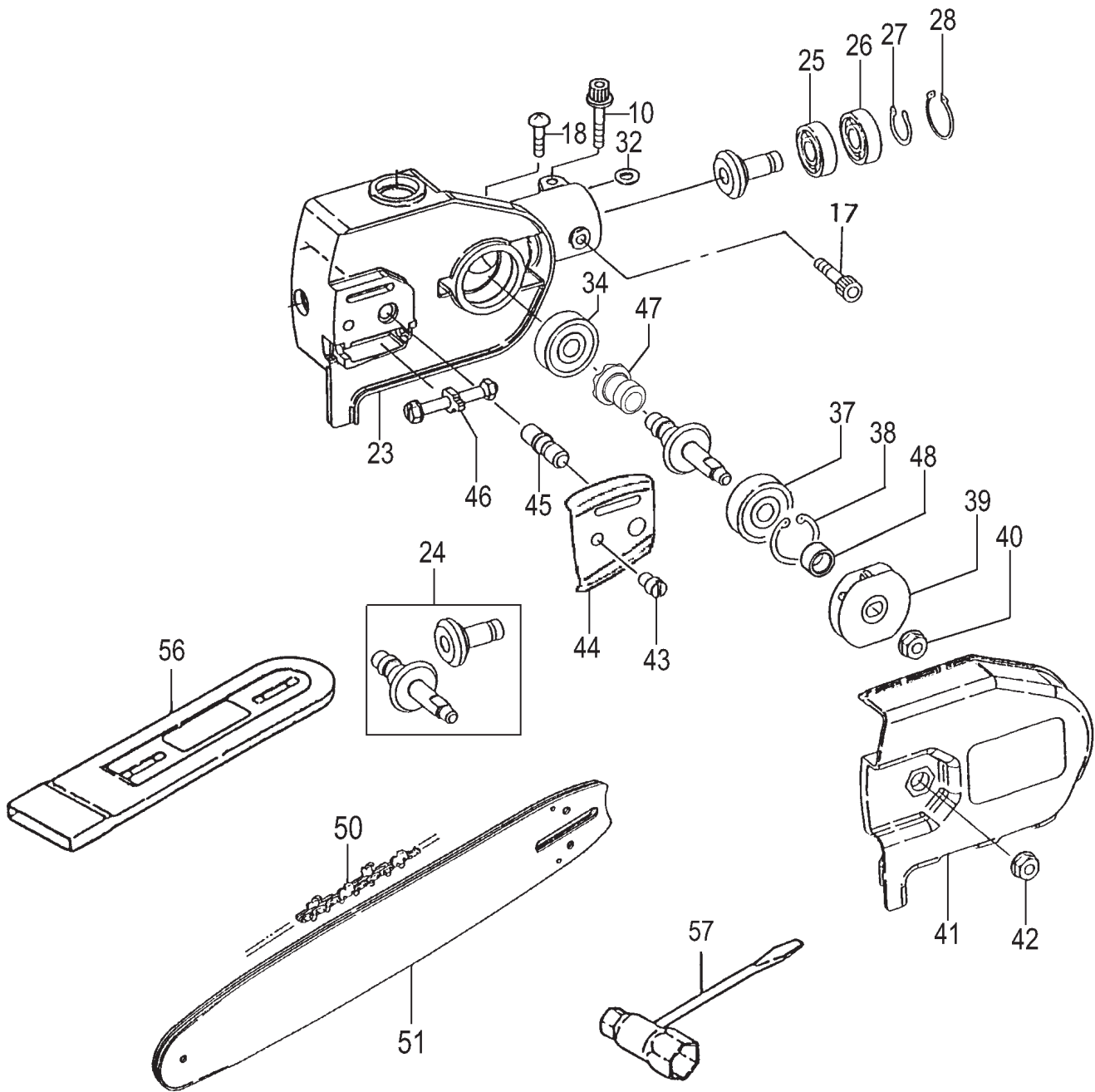


EDGER GEAR CASE, WHEEL, BLADE MOUNTING • FIGURE 14

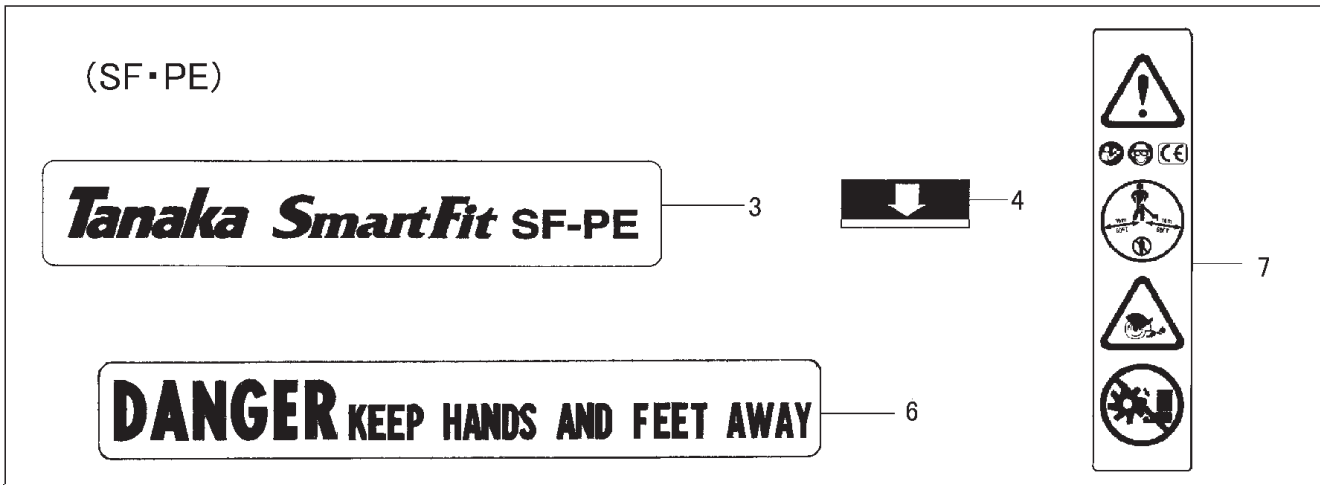
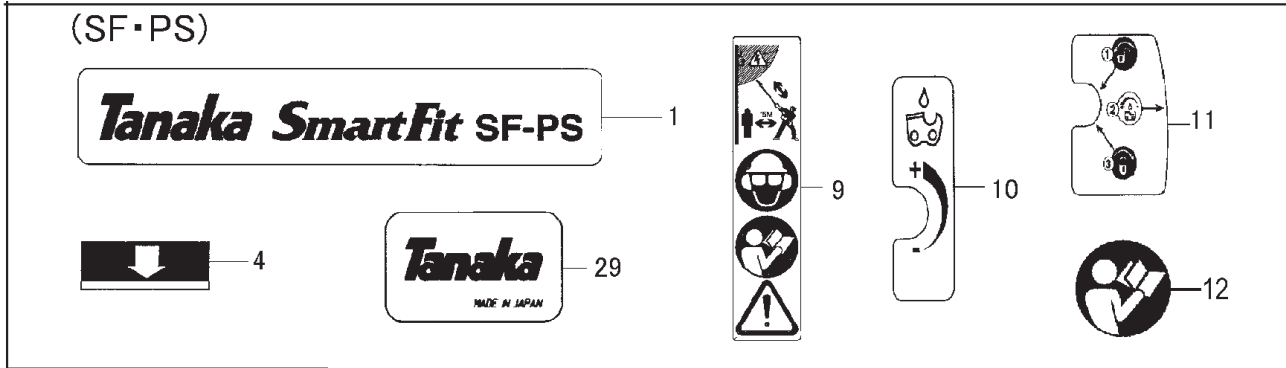
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
15-30	99106080001	NUT,8/L.H.	1	
15-31	99201080011	WASHER,8	1	
15-32	3113729020	CAP,CUTTER HOLDER	1	
15-33	4353729020	BLADE,TPE-250	1	
15-34	3103729022	HOLDER,CUTTER	1	
15-40	3003729090	CASE,GEAR,ASSY	1	
15-41	99351032002	RING,STOP,C-32 IN	1	
15-42	99961620103	BEARING,BALL #6201D	1	
15-43	3043729020	SHAFT,GEAR	1	
15-44	99961628000	BEARING,BALL,#628	1	
15-45	3013729000	SET,GEAR/PINION	1	
15-46	99423080100	BOLT,8X10	1	
15-47	32433410201	WASHER,GEAR CASE	1	
15-48	3003729021	CASE,GEAR	1	
15-49	99051050103	BOLT,HEX.HOLE,5X10	1	
15-50	99461050254	BOLT,HEX HOLE,5X25S	1	
15-53	99961609000	BEARING,BALL,#609	1	
15-54	99961609002	BEARING,BALL,#609Z	1	
15-55	99350009002	RING,STOP,C9	1	
15-56	99351024002	RING,STOP,C-24,IN	1	
15-60	2103729080	HANDLE,LOCK	1	
15-71	99210080012	WASHER,S,8	1	
15-72	99201080011	WASHER,8	1	
15-73	1203729480	WHEEL,TPE,6"	1	
15-74	0493729420	COLLAR	1	
15-75	4413729022	GUARD,BLADE	1	
15-76	3143729420	BOLT,SPECIAL	1	
15-77	4813729420	STAY,WHEEL	1	
15-78	99210060062	WASHER,S,6	2	
15-79	99053060153	BOLT,HEX,6X15	2	
15-80	4423729021	BRACKET,COVER	1	
15-81	4453729420	HOLDER,BLADE GUARD	1	
15-82	99210060062	WASHER,S,6	2	
15-83	99053060353	HEX, HOLE BOLT 6X35	2	
15-88	4963729020	HOLDER,MUD FLAP	1	
15-89	5003729020	FLAP,MUD	1	
15-90	99461050124	BOLT,HEX,5X12S	3	
15-91	8292000080	SPANNER,COMBI,13X19	1	



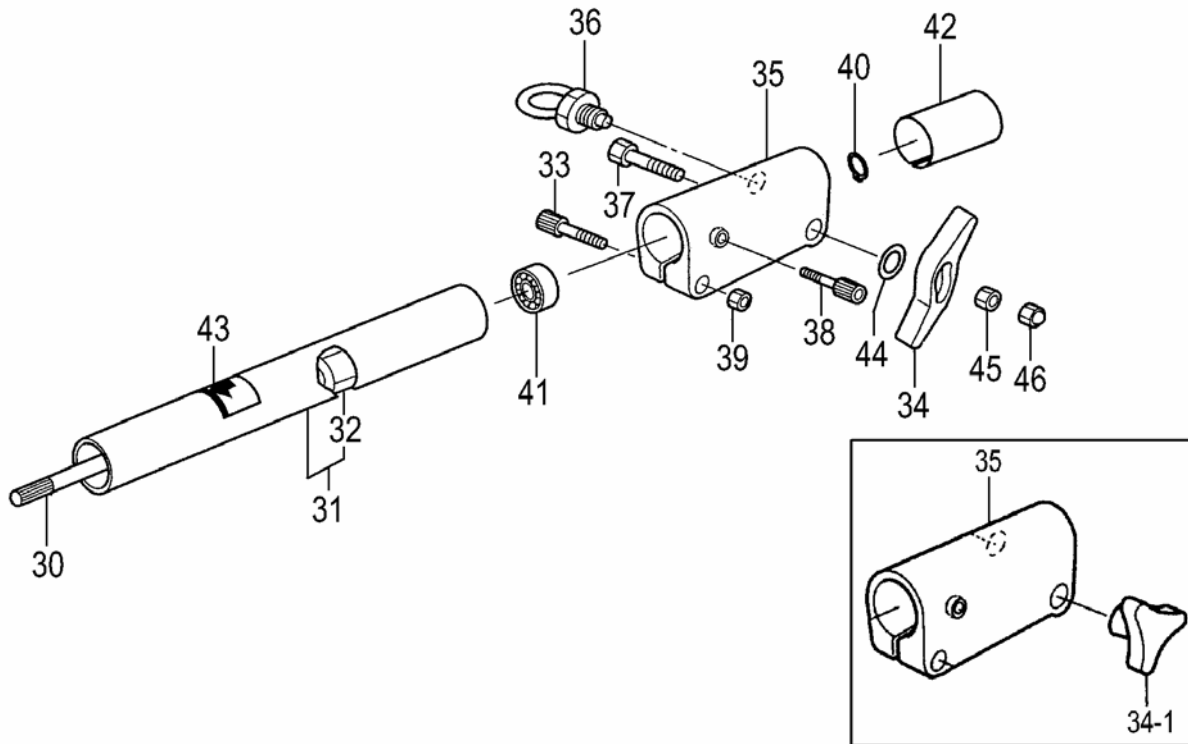
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
16-1	0413230420	COVER,OIL TANK	1	
16-2	0313230420	COLLAR 3	4	
16-3	4223230421	GASKET,OIL TANK	1	
16-4	99967005000	O-RING,P5	1	
16-5	3823230420	BOLT,STEP,A	1	
16-6	0713234480	PUMP,OIL	1	
16-7	99967005000	O-RING,P5	1	
16-8	4493230420	SPRING,OIL PUMP	1	
16-9	0733230481	PISTON,OIL PUMP	1	
16-11	7005300506	PIPE,FUEL 3X5X60	1	
16-12	99416040126	SCREW,4X12,WS	4	
16-13	99201050011	WASHER,5	1	
16-14	4873234520	FILTER,FINE MESH	1	
16-15	4863234590	FILTER ASSY,FINE MESH	1	
16-16	7005300507	PIPE,FUEL 3X5X75	1	
16-20	5013230421	ADJUSTER,OIL PUMP	1	
16-21	99967005000	O-RING,P5	1	
16-22	99355060001	RING,STOP,6	1	
16-30	6243230492	CAP,OIL TANK	1	
16-31	0823230420	BANJO,OIL PUMP	1	
16-35	99967015000	O-RING,P15	1	
16-40	9923008000	NUT,PUSH	1	
16-55	99201020011	WASHER,2	1	
16-56	99967001413	O-RING	1	



ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
17-10	99461050224	BOLT,HEX HOLE 5x22/S	1	
17-17	99051050103	BOLT,HEX.HOLE,5X10	1	
17-18	99431060081	SCREW,6X8	1	
17-23	0193230422	CASE,GEAR	1	
17-24	3013230400	SET,GEAR,PINION	1	
17-25	99961609000	BEARING,BALL,#609	1	
17-26	99961609002	BEARING,BALL,#609Z	1	
17-27	99350009002	RING,STOP,C9	1	
17-28	99351024002	RING,STOP,C-24,IN	1	
17-32	78600601200	WASHER,RECOIL STARTER	1	
17-34	99961627000	BEARING,BALL	1	
17-37	99961638002	BEARING,BALL 638Z	1	
17-38	99351028002	RING,STOP,IN,C-28	1	
17-39	3193230480	SPROCKET,3/8	1	
17-40	99182060001	NUT,FLANGE,6	1	
17-41	0393230480	COVER,SIDE	1	
17-42	12132600200	NUT,CLAMP,BAR	1	
17-43	1223234421	KNOCK PIN	1	
17-44	4613234420	PLATE,GUIDE	1	
17-45	1013234421	BOLT,CHAIN TIGHTENING	1	
17-46	1163230490	TENSIONER,CHAIN	1	
17-47	4523234420	CAM	1	
17-48	0313234420	COLLAR	1	
17-50	1273230420	CHAIN,10"	1	
17-51	1103230420	BAR,10"	1	
17-56	9413233320	COVER,BAR,10",BLACK	1	
17-57	88332600200	SPANNER,COMBO	1	



ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
18-1	9293248820	DECAL,SF,PS	1	
18-3	9293729920	DECAL,SF,PE	1	
18-4	92337400200	DECAL,LEVEL	1	
18-6	91933111201	DECAL,CAUTION	1	
18-7	9193729920	DECAL,CAUTION	1	
18-9	9073230420	DECAL	1	
18-10	9213234520	DECAL,OIL	1	
18-11	9223234520	DECAL,OIL ADJUSTMENT	1	
18-29	9293248420	DECAL	1	



ITEM	PART NUMBER	DESCRIPTION	24"	36"	COMMENTS
30	3433233180	SHAFT,DRIVE	1		
30	3433003980	SHAFT,DRIVE		1	
31	3413230881	PIPE,DRIVE SHAFT	1		~9085369
31	3413230882	PIPE,DRIVE SHAFT	1		9085370~
31	3413003980	PIPE,DRIVE SHAFT		1	
32	3473730090	BUSHING ASSY	1		
32	3473730090	BUSHING ASSY		2	
33	99461050254	BOLT,HEX HOLE,5X25S	1	1	
34-1	5123370081	KNOB,HANDLE	1		~5004220
34	5123338P20	KNOB,HANDLE	1	1	5004221~
35	2803233122	COUPLING,TPS	1	1	
36	3523233180	PIN,LOCK	1	1	
37	99021060351	BOLT,6X35	1		~5004220
37	99021060504	BOLT,6X50	1	1	5004221~
38	99051050103	BOLT,HEX.HOLE,5X10	1	1	
39	99101050041	NUT,5	1	1	
40	99350010002	RING,STOP,C-10 EX	1	1	
41	99961690001	BEARING,BALL,#6900ZZ	1	1	
42	3483313020	COLLAR,B	1	1	
43	92337400200	DECAL,LEVEL	1	1	
44	3590210320	WASHER,CLUTCH,B	1	1	
45	99101060011	NUT,6	1	1	5004221~
46	99142060012	NUT,CAP 6	1	1	5004221~