

Tanaka Illustrated Parts Manual

Model Number:

TC-47R

47cc ENGINE

P/N 32402

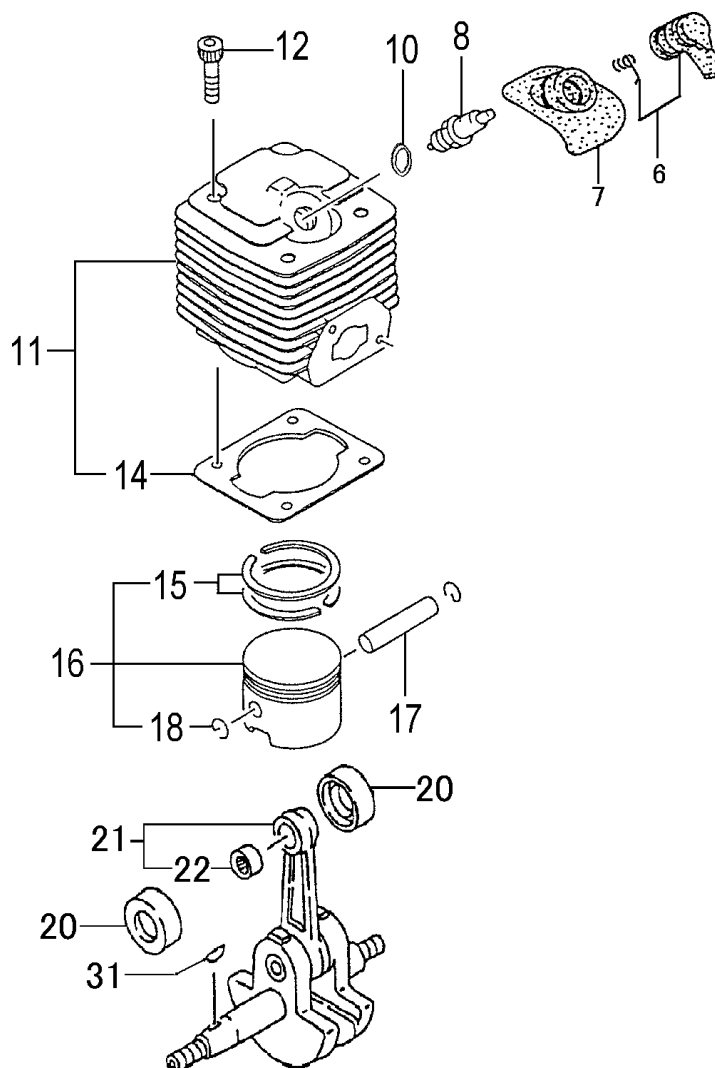
Rev 000

Date 5-18-04

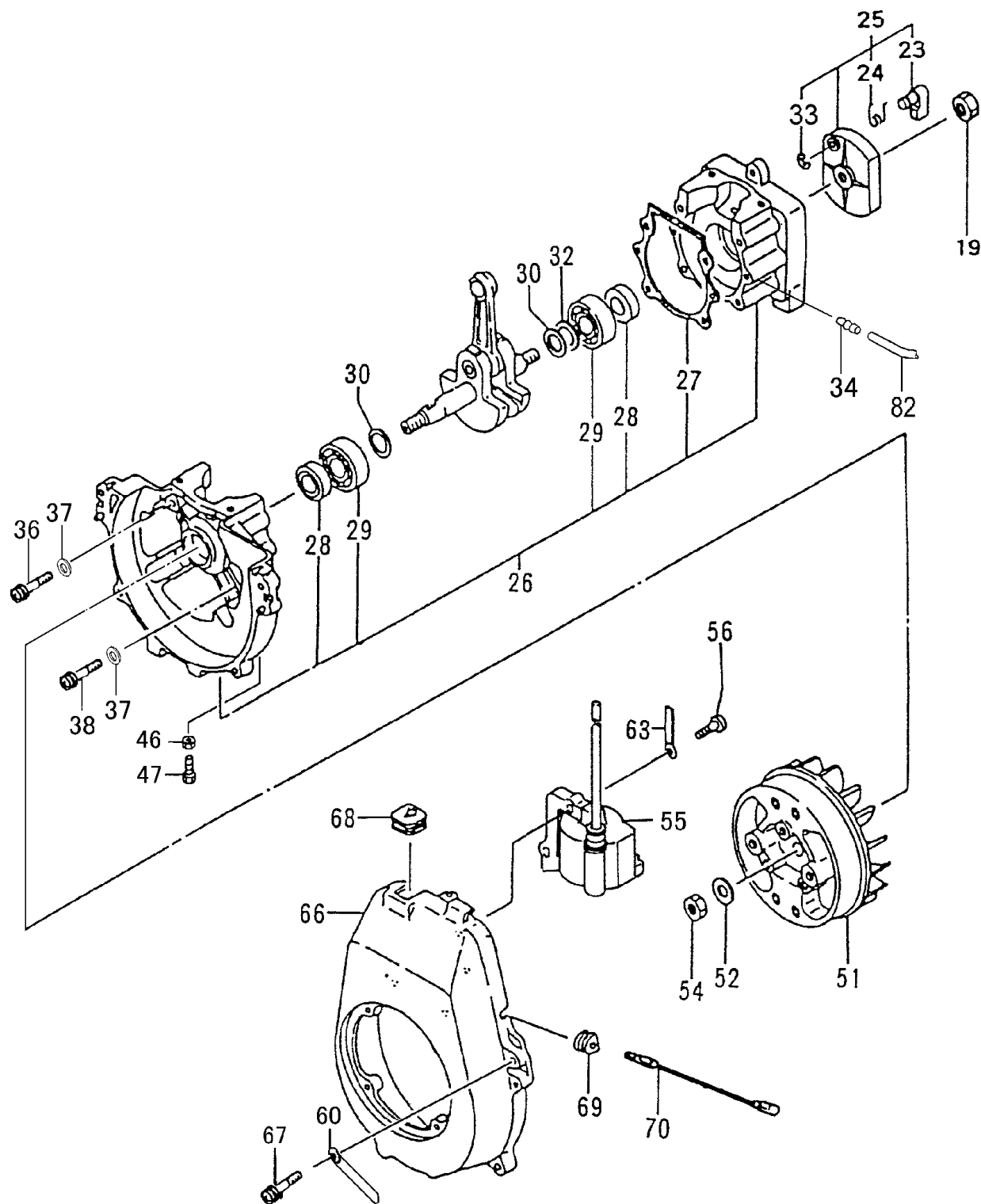


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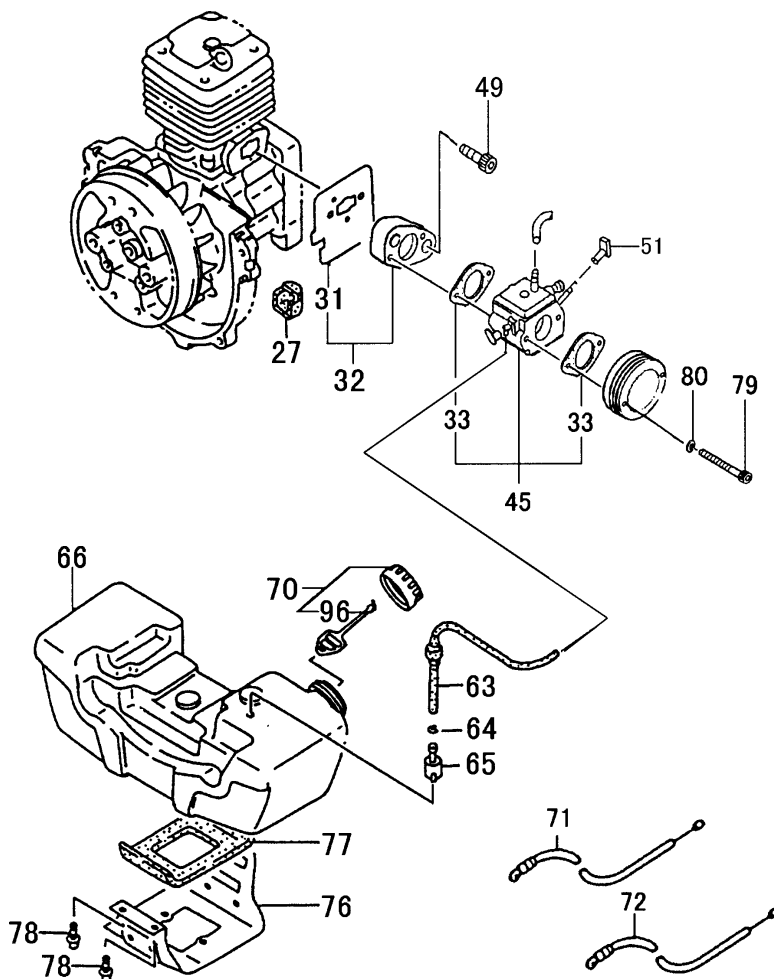


ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1-6	15711666900	CAP, SPARK PLUG ASSEMBLY	1	
1-7	25504200200	COVER, SPARK PLUG, RUBBER	1	
1-8	0181166021	PLUG, SPARK	1	
1-10	1820425120	SHIM, SPARK PLUG	1	
1-11	0010428690	CYLINDER SET, TC-47R	1	Includes cylinder gasket
1-12	99461050184	BOLT, HEX, 5X18, S	4	
1-14	0170422021	GASKET, CYLINDER	1	
1-15	04104090210	RING, PISTON	2	
1-16	0300422U90	PISTON SET	1	Includes rings and circlips
1-17	03710100200	PIN, PISTON, 10X35	1	
1-18	03901000200	CIRCLIP, PISTON PIN	2	
1-20	0360409020	COLLAR, PISTON PIN	2	
1-21	0460422080	CRANKSHAFT	1	
1-22	99962101480	BEARING, NEEDLE	1	
1-31	06802000200	KEY, WOODRUFF, 3X13X5	1	



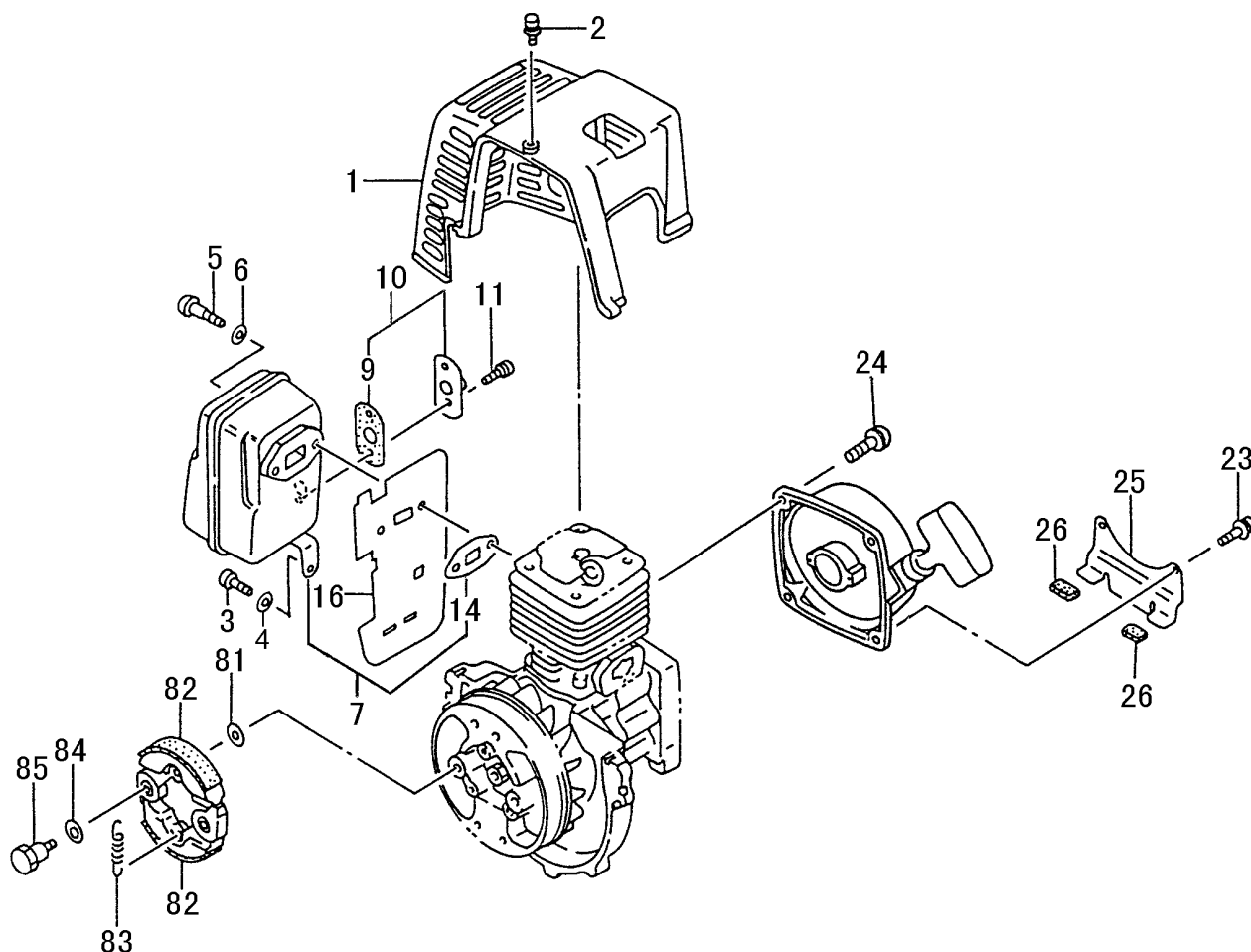
CRANKCASE, FLYWHEEL, STARTER PULLEY • FIGURE 2

ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
2-19	99111100013	NUT,10	1	Includes bearings, seals and gasket
2-23	7880162V20	PAWL,STARTER	1	
2-24	7900162V200	SPRING,PAWL,STARTER	1	
2-25	7980422090	PAWL,STARTER ASS'Y	1	
2-26	0720428690	CRANKCASE ASSY,TC-47R	1	
2-27	09004200210	GASKET,CRANKCASE	1	
2-28	99966152564	SEAL,OIL,UD15257	2	
2-29	99961620200	BEARING,BALL,#6202	2	
2-30	07002401201	WASHER,CRANKSHAFT 15X22	2	
2-32	07102007200	SHIM,15.2X20X.05	1	
2-32	07102007210	SHIM,15.2X20X.10	1	
2-32	07102007220	SHIM,15.2X20X.15	1	
2-32	07111600230	SHIM,0.20	1	
2-32	07111600240	SHIM,0.30	1	
2-33	99355050000	RING,STOP,5	1	
2-34	4221074020	PULSE FITTING,TC-47R	1	
2-36	99053060453	BOLT,HEX,6X45	2	
2-37	99210060062	WASHER,S,6	4	
2-38	99053060353	HEX, HOLE BOLT 6X35	2	
2-46	99101060013	NUT,6	1	
2-47	89401401201	RECEIVER,OUTER	1	
2-51	1552053780	ROTOR,MAGNETO	1	
2-52	99200100011	WASHER,10	1	
2-54	99111100011	NUT,10	1	
2-55	1672053780	COIL,IGNITION	1	
2-56	99416050181	SCREW,5x18,WS	3	
2-60	19810246800	CLAMP,CORD	1	
2-63	19805015800	CLAMP,CORD	1	
2-66	1120428222	CASE,FAN,POLISHED	1	
2-67	99414060202	SCREW,6X20S	4	
2-68	2030604A202	GROMMET	1	
2-69	20306000200	GROMMET,PRIMARY CORD	1	
2-70	1780656280	CORD,STOP,240L	1	
2-75	19810246800	CLAMP,CORD	1	
2-82	70053005130	PIPE,FUEL	1	

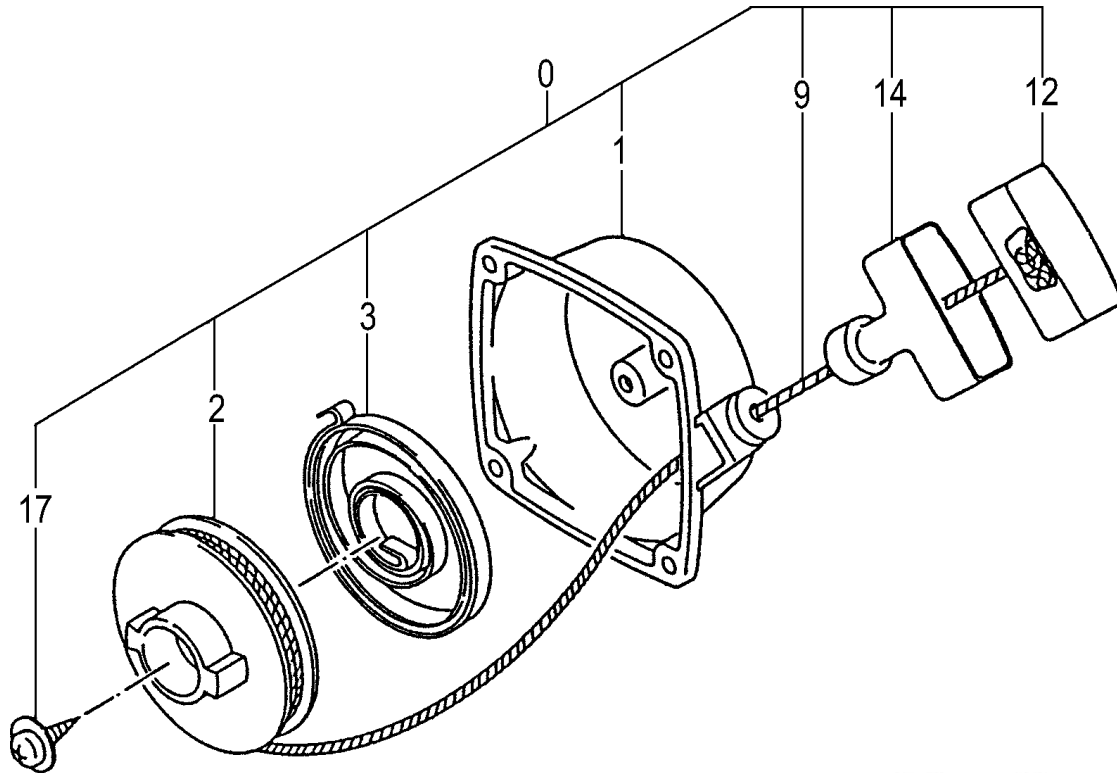


ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
3-27	65504200200	CUSHION,FUEL TANK	2	
3-31	4030422021	GASKET,INTAKE	1	
3-32	4040422190	INSULATOR SET,TC-47R	1	
3-33	4020422120	GASKET,CARBURETOR,TC-47R	2	
3-45	4550428690	CARBURETOR,TC-47R	1	
3-49	99416050181	SCREW,5x18,WS	2	
3-51	49504200200	LEVER,CHOKE	1	
3-63	22301251901	PIPE,FUEL,3X5X230	1	
3-64	68000731201	CLIP 6.3	1	
3-65	67501630900	FILTER,FUEL	1	
3-66	5910423K21	TANK,WHITE,TC-47R	1	
3-70	5950651690	CAP,TANK,BLACK	1	
3-71	8850428281	THROTTLE WIRE	1	For Powerboards
3-72	8850428680	THROTTLE WIRE	1	For Powerkarts
3-76	60304201200	BAND,HOLDING,TANK	1	
3-77	65204201200	CUSHION	1	
3-78	99415050162	SCREW,5X16/PS	2	
3-79	99051050553	BOLT,HEX,5X55	2	
3-80	99210050062	WASHER,S,5	2	
3-96	62632810200	CHAIN	1	

CLUTCH, STARTER & MUFFLER • FIGURE 4



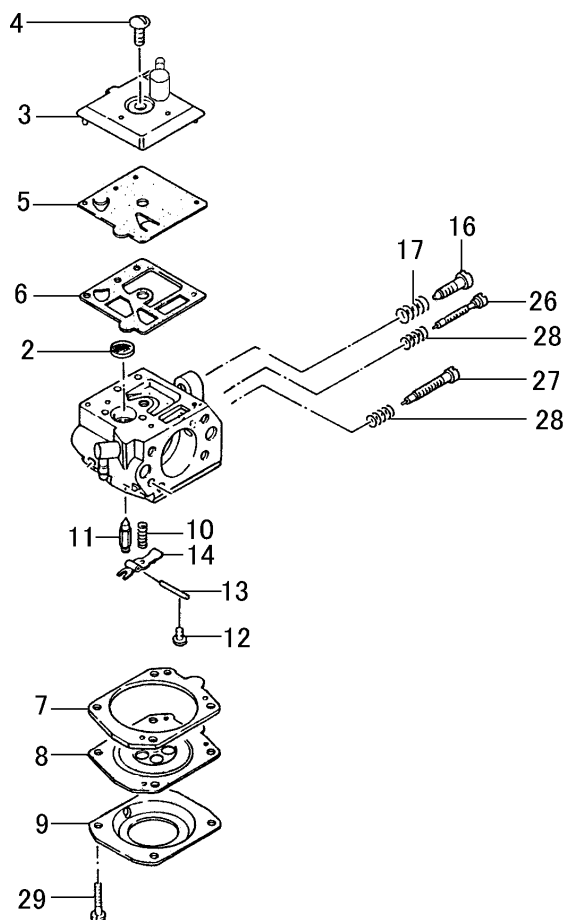
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
4-1	7380422020	PROTECTOR,MUFFLER	1	
4-2	99415050122	SCREW,5X12/PS	1	
4-3	99461050124	BOLT,HEX,5X12S	1	
4-4	99201050061	WASHER,5	1	
4-5	99053060653	SCREW,HEX,6X65	2	
4-6	99201060011	WASHER,6	2	
4-7	7040422S90	MUFFLER	1	
4-9	75104200201	GASKET,MUFFLER	1	
4-10	7210430090	TAIL PIPE SET	1	
4-11	99414040081	SCREW,4X8	2	
4-14	73704230200	GASKET,MUFFLER	1	
4-16	1330423020	SHIELD,HEAT	1	
4-23	99415050182	SCREW,5X18/PS	2	
4-24	99415050252	SCREW,PS,5X25	2	
4-25	65304200200	BRACKET,TANK	1	
4-26	65506100200	CUSHION,TANK	2	
4-81	35910112203	WASHER,CLUTCH B	2	
4-82	2900427080	SHOE,CLUTCH	2	
4-83	3420427020	SPRING,CLUTCH	1	
4-84	99204100030	WASHER,WAVE,10	2	
4-85	3570136U200	BOLT,STEP,CLUTCH	2	



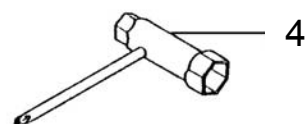
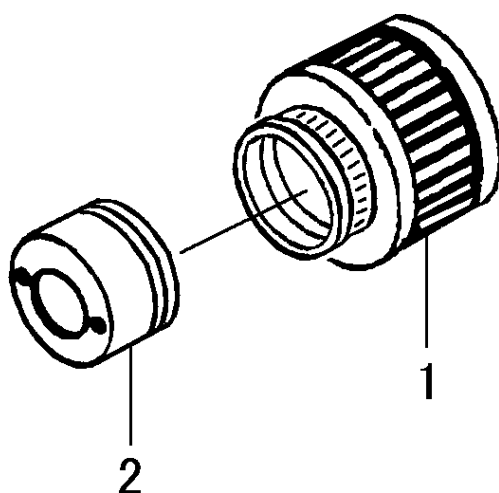
Billet Starter Handles

Part#: Blue - 31352 / Black - 31358
Polished - 31357 / Red - 31356

ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
5-0	7620422090	STARTER,RECOIL ASSY	1	
5-1	7720422080	BODY,RECOIL STARTER	1	
5-2	7690422020	REEL,STARTER ROPE	1	
5-3	7790422020	SPRING,RECOIL	1	
5-9	7830427020	ROPE,STARTER	1	
5-12	8350422020	CAP,HANDLE	1	
5-14	7850422020	HANDLE,STARTER	1	
5-17	8390422020	SCREW,SET	1	



ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
	4550428690	CARBURETOR,TC-47R	1	
6-2	57825007200	SCREEN,INLET	1	
6-3	5752532480	PUMP BODY,TC-47R	1	
6-4	51425012200	SET,SCREW	1	
6-5	~ ~ ~	GASKET,PUMP	1	~ Included in 650.25032.910 Carb Kit (parts not available individually)
6-6	~ ~ ~	DIAPHRAGM,PUMP	1	
6-7	~ ~ ~	GASKET,DIAPHRAGM	1	
6-8	~ ~ ~	DIAPHRAGM,METERING	1	
6-9	4762531120	DIAPHRAGM COVER,TC-47R	1	
6-10	4772530720	VALVE SPRING,TC-47R	1	
6-11	6032501220	NEEDLE VALVE	1	
6-12	54625001200	SCREW,SET,HINGE PIN	1	
6-13	60525001200	PIN,HINGE	1	
6-14	47325012200	LEVER,CONTROL	1	
6-16	46225006200	SCREW,IDLE ADJUST	1	
6-17	46325012200	SPRING,IDLE ADJUST	1	
6-26	4612531120	LOW ADJUST SCREW,TC-47R	1	
6-27	4602531120	HIGH ADJUST SCREW,TC-47R	1	
6-28	62325054200	SPRING,ADJUST	2	
6-29	54825012200	SCREW,SET	4	



ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
7-1	31273	AIR FILTER	1	
7-2	32289	VELOCITY STACK ONLY, TC-47R	1	
7-3	9060428620	DECAL, TC-47R	1	
7-4	8262000080	SPANNER, COMBI, 17X19	1	



47cc Tanaka Power Pipe
Part #: 31880



Powerkart Performance Pipe (47cc)
Part #: 32062



Powerkart Velocity Stack/Filter (35/40cc)
Part #: 32225



Powerkart Performance Pack (47cc)
Part #: 32236