

# **Tanaka** Illustrated Parts Manual

Model Number:

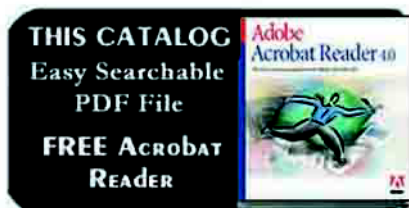
**TPK-470GS**

**47cc Paveracer Kart**

P/N 32221

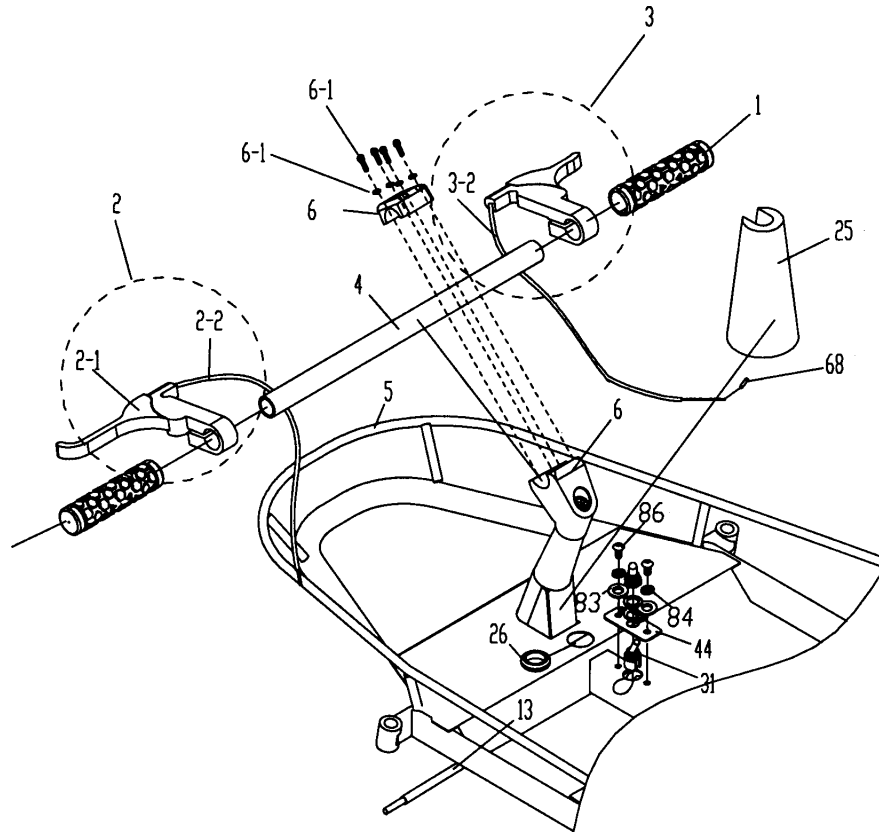
Rev 000

Date 1/13/04

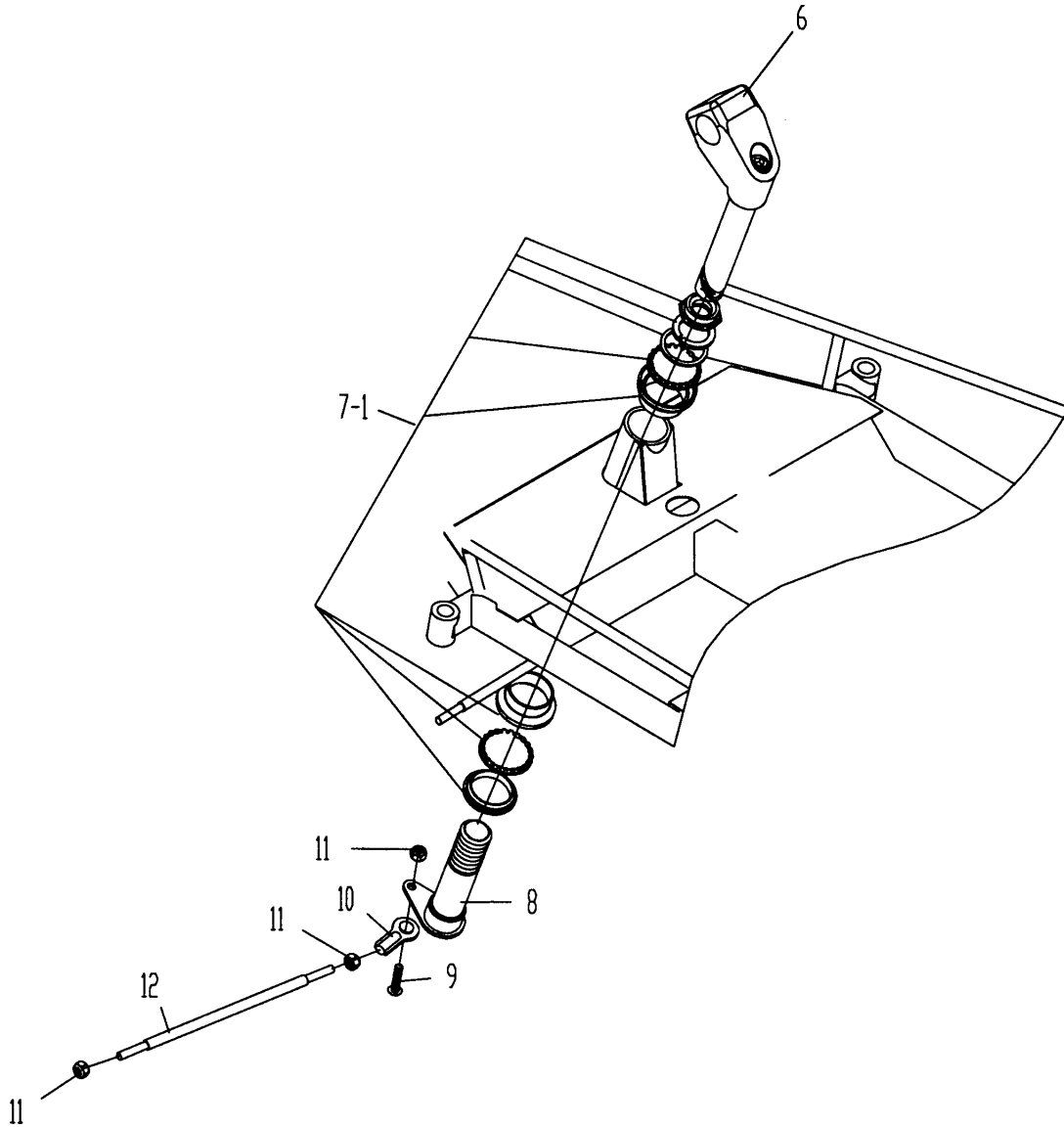


*Supplier To The Outdoor Power Equipment Industry*

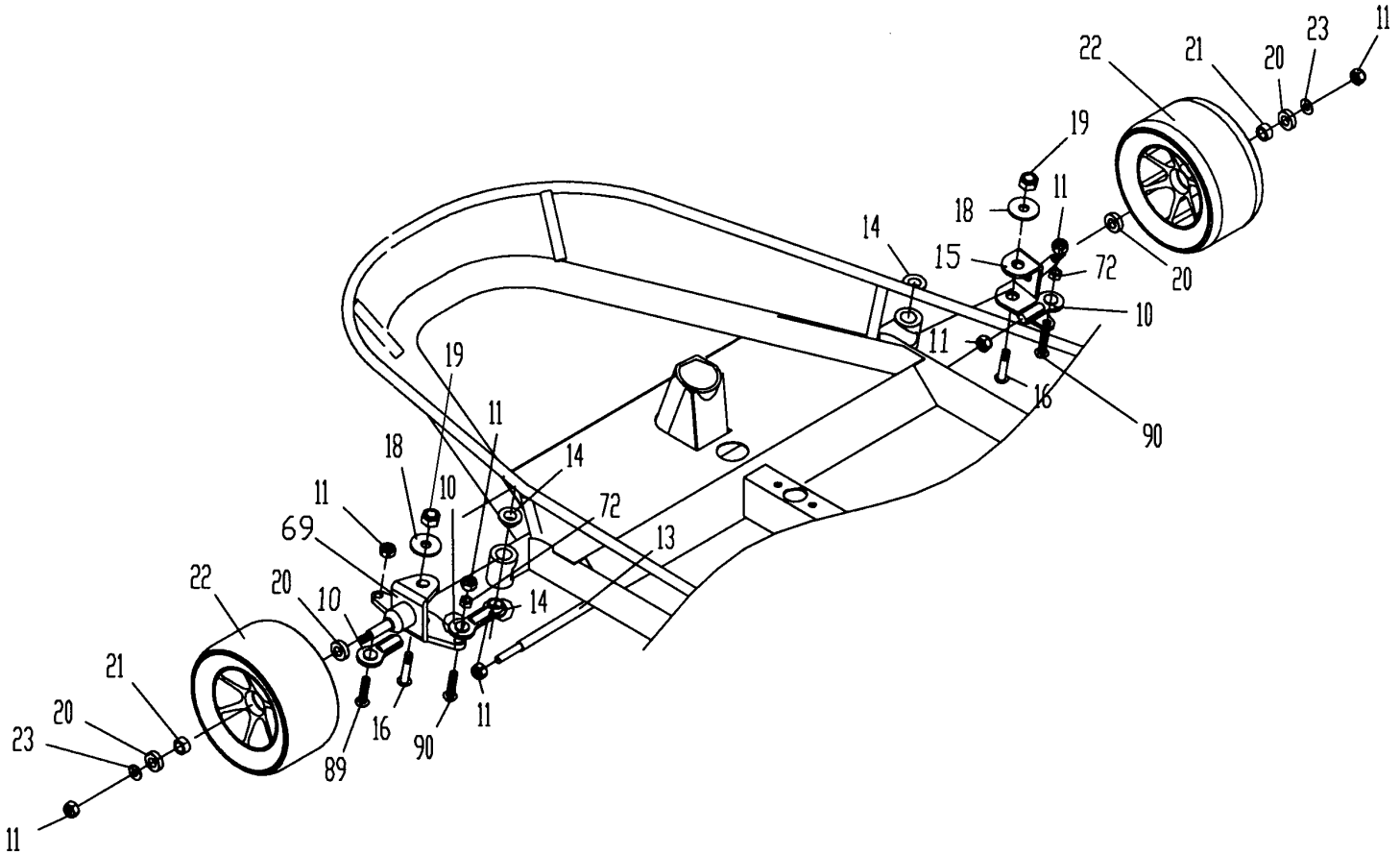
ISM, Inc. • 1028 4<sup>th</sup> Street SW • Auburn, WA 98001 • Phone: (253) 333-1200 • Fax: (253) 333-1212



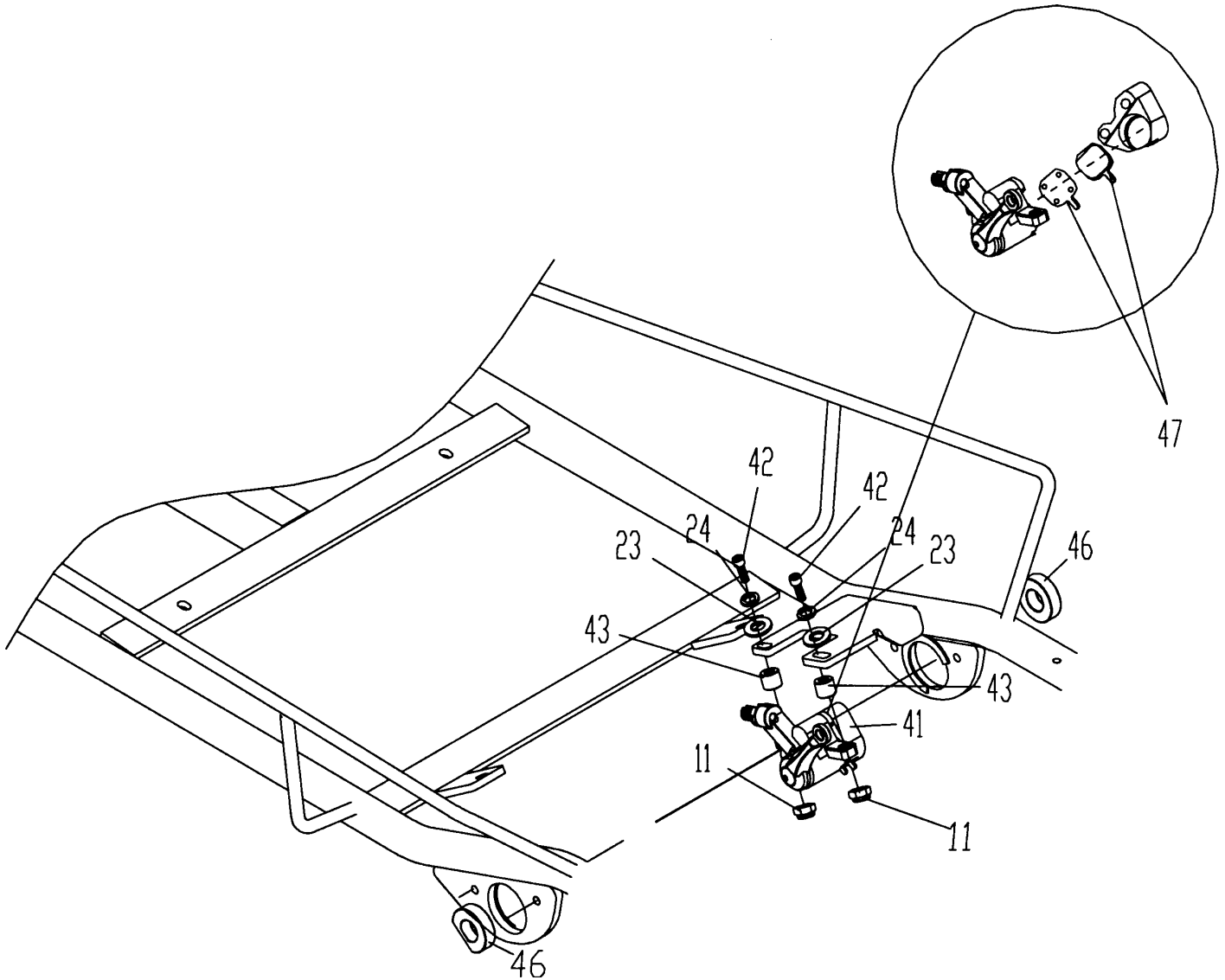
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1-1	30798	GRIP, HANDLE	2	
1-2	70079	LEVER, BRAKE ASS'Y	1	
1-2-1	30801	LEVER, BRAKE	1	
1-2-2	70023	CABLE, BRAKE, TPK	1	
1-3	70024	LEVER, THROTTLE ASSY, TPK	1	
1-3-2	70115	CABLE, THROTTLE, TPK	1	
1-4	70027	HANDLEBAR, TPK	1	
1-5	70028 BK	FRAME, BLACK, TPK	1	
1-6	70029	HANDLEBAR STEM	1	
1-6-1	70078	HANDLEBAR STEM CAP	1	
1-13	70041	TIE ROD, LONG	1	
1-25	70051	HANDLEBAR NYLON	1	
1-26	70052	PLASTIC, GM2518	1	
1-31	70055	SWITCH, TOGGLE, TPK	1	
1-44	70066	PLATE, SWITCH	1	
1-68	70068	CABLE END, THROTTLE	1	
1-83	70076	WASHER	2	
1-84	30830	WASHER, SPRING M6	2	
1-86	31566	BOLT, M6xP1.0x15	2	



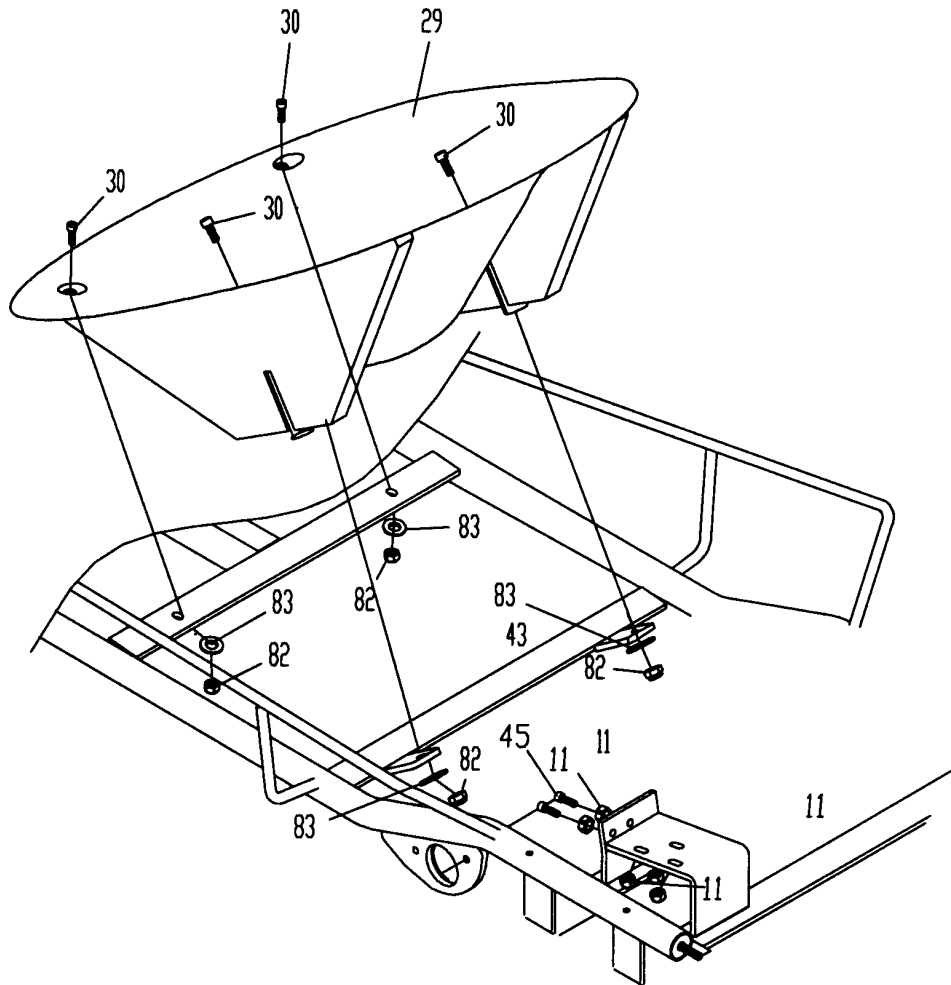
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
2-6	70029	HANDLEBAR STEM	1	
2-7-1	70030	HEAD BEARING KIT	1	
2-8	70038	STEERING STEM	1	
2-9	31563	BOLT,M6xP1.0x20	1	
2-10	70039	TIE ROD END	1	
2-11	30936	NUT,M6xP1.0	3	
2-12	70040	TIE ROD,SHORT	1	



ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
3-10	70039	TIE ROD END	3	
3-11	30936	NUT,M6xP1.0	7	
3-13	70041	TIE ROD, LONG	1	
3-14	70042	SPACER,T-1174	3	
3-15	70043	WHEEL MOUNT,RIGHT	1	
3-16	70044	BOLT,K-292	2	
3-18	70045	WASHER	2	
3-19	70046	NUT	2	
3-20	70047	WHEEL BEARING,FRONT,TPK	4	
3-21	70048	SPACER,T-1172	2	
3-22	31795	FRONT WHEEL SET,STOCK	1	<b>NOTE: Wheel bearings not included</b>
3-23	70050	WASHER	2	
3-69	70069	WHEEL MOUNT,LEFT	1	
3-72	30936	NUT,M6xP1.0	2	
3-89	31468	BOLT,M6xP1.0x25	2	
3-90	31428	BOLT,M6xP1.0x30	2	

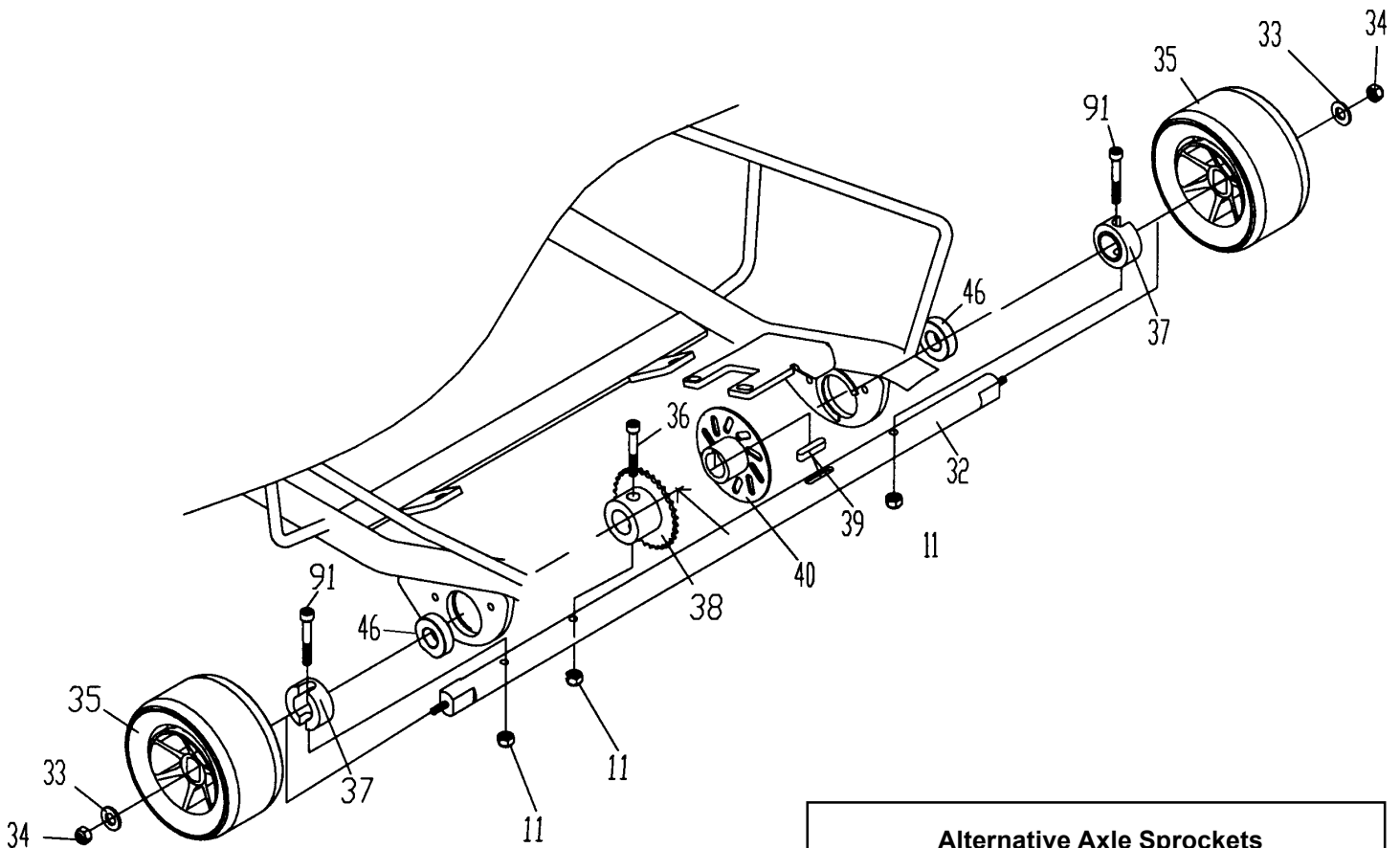


ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
4-11	30936	NUT,M6xP1.0	2	
4-23	70050	WASHER	2	
4-24	30830	WASHER,SPRING M6	2	
4-41	70065	BRAKE CALIPER ASSY	1	Includes brake pads
4-42	31150	BOLT,M6xP1.0x35,RD HD	2	
4-43	31212	SPACER,T-849	2	
4-46	70067	WHEEL BEARING,REAR,TPK	2	
4-47	70090	BRAKE PAD SET	1	



ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
5-11	30936	NUT,M6xP1.0	4	
5-29	70054	KART SEAT	1	
5-30	31468	BOLT,M6xP1.0x25	4	
5-43	31212	SPACER,T-849	1	
5-45	31563	BOLT,M6xP1.0x20	2	
5-82	30936	NUT,M6xP1.0	4	
5-83	70076	WASHER	4	

### REAR AXLE, REAR WHEELS, BRAKE ROTOR & AXLE SPROCKET • FIGURE 6

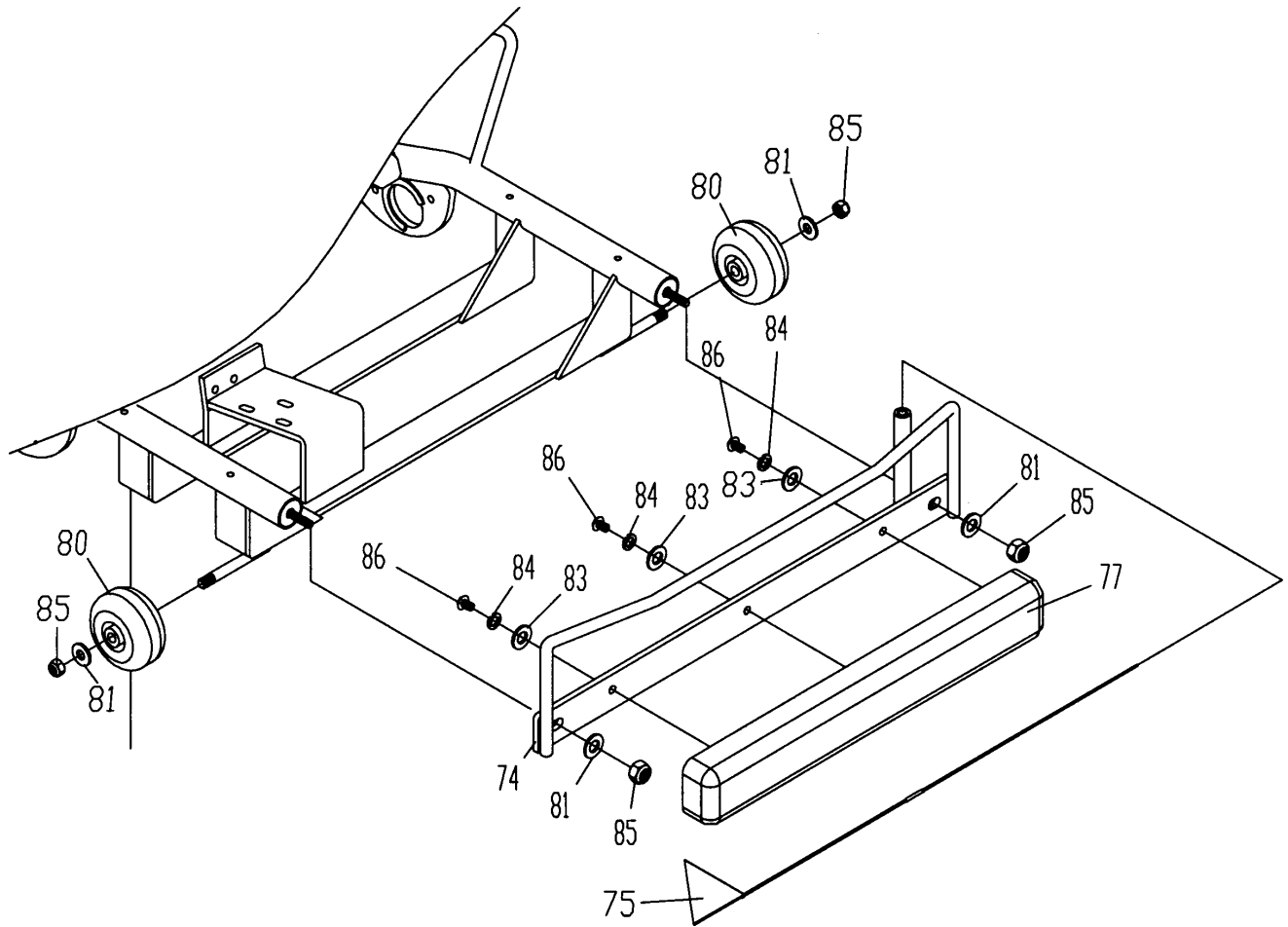


#### Alternative Axle Sprockets

32085 AXLE SPROCKET,31TH (-1)  
32087 AXLE SPROCKET,33TH (+1)

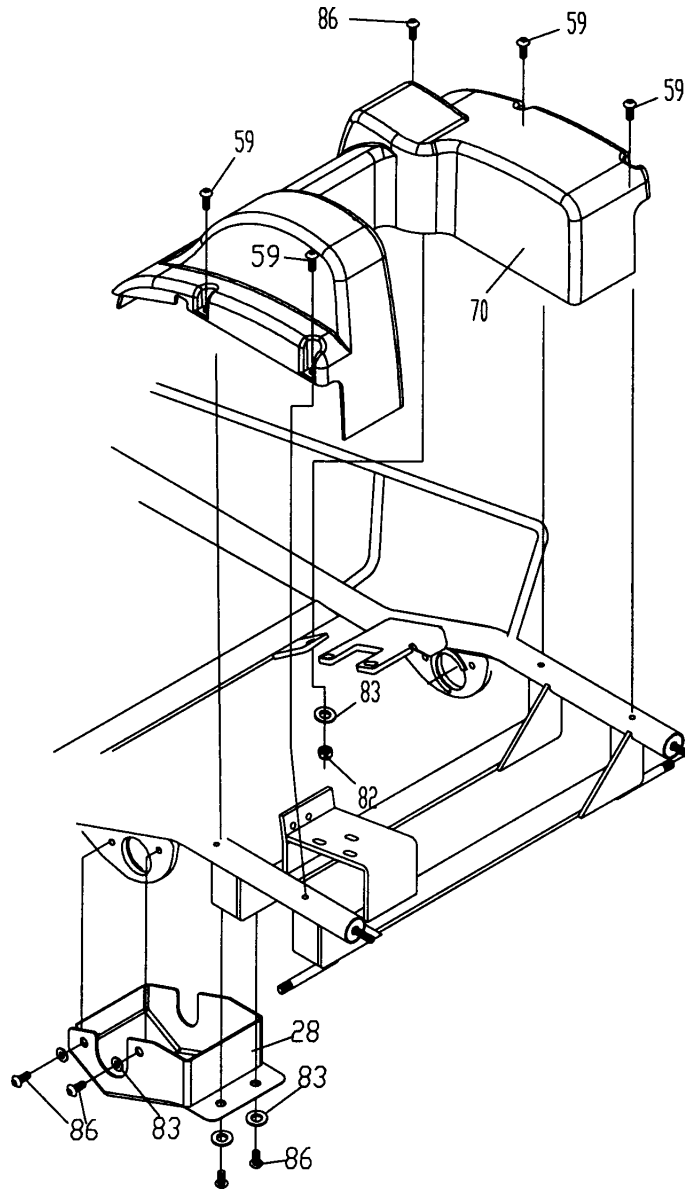


ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
6-11	30936	NUT,M6xP1.0	3	
6-32	70056	AXLE,REAR WHEEL	1	
6-33	70057	WASHER	2	
6-34	70058	NUT	2	
6-35	31796	REAR WHEEL SET,STOCK	1	
6-36	70060	BOLT,K-295	1	
6-37	70061	SPACER,T-1139	2	
6-38	32086	AXLE SPROCKET,32	1	
6-39	70063	KEY,6x6x28	1	
6-40	70064	BRAKE ROTOR	1	
6-46	70067	WHEEL BEARING,REAR,TPK	2	
6-91	70077	BOLT,K-289A	2	

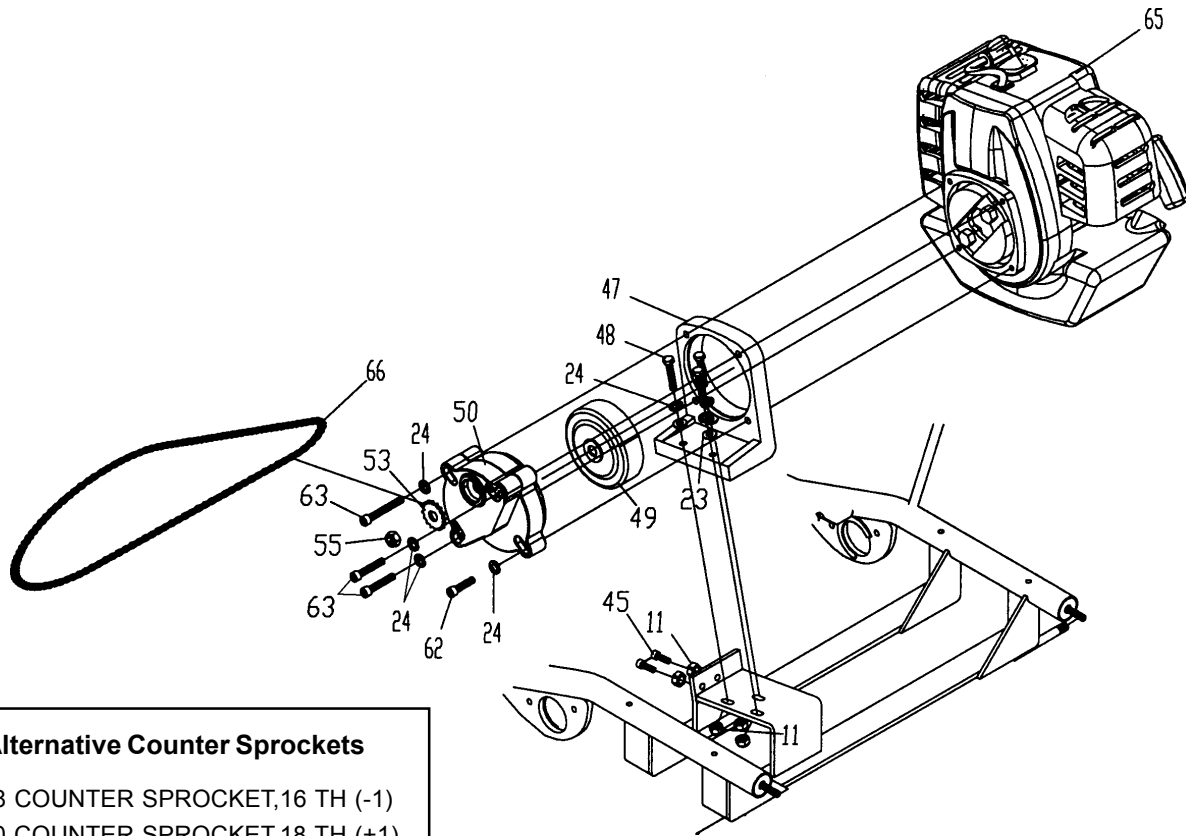


ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
7-74	70071	REAR BUMPER	1	
7-75	70072	FLAG,G01-002	1	
7-77	70073	BUMPER CUSHION	1	
7-80	70074	ROLLER WHEEL	2	
7-81	70075	WASHER	4	
7-83	70076	WASHER	3	
7-84	30830	WASHER,SPRING M6	3	
7-85	30821	NUT,M8xP1.25	4	
7-86	31566	BOLT,M6xP1.0x15	3	





ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
8-28	70053	SPROCKET COVER	1	
8-59	31097	BOLT, M6xP1.0x10	4	
8-70	70070	ENGINE COVER	1	
8-82	30936	NUT, M6xP1.0	1	
8-83	70076	WASHER	5	
8-86	31566	BOLT, M6xP1.0x15	5	

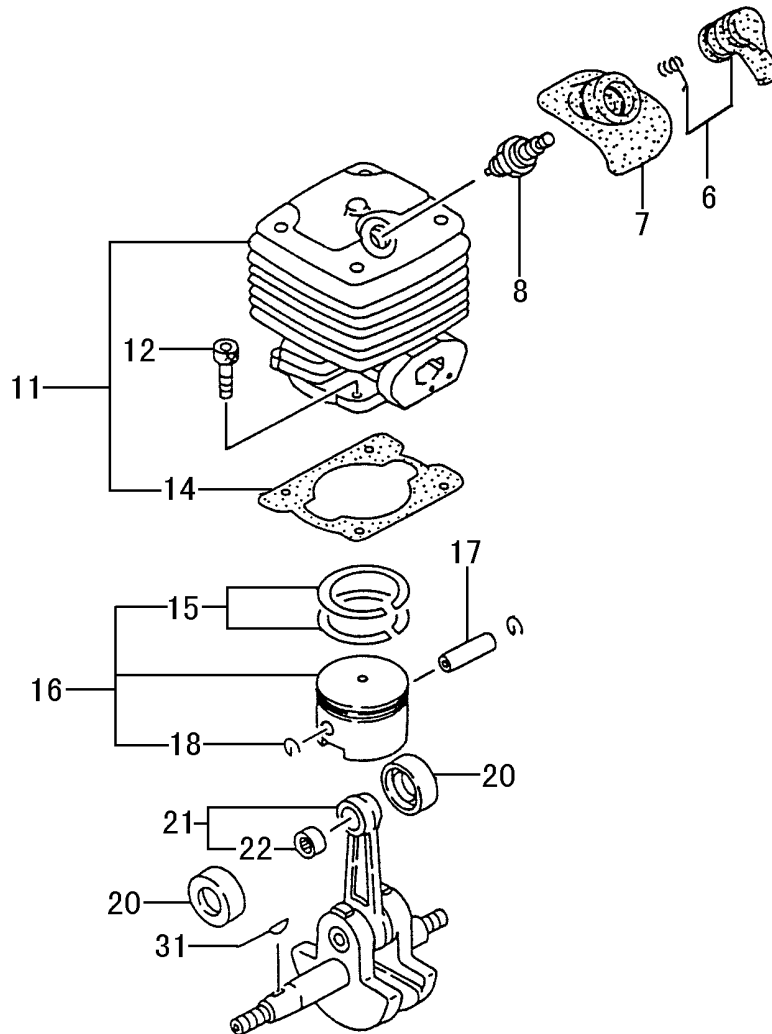


#### Alternative Counter Sprockets

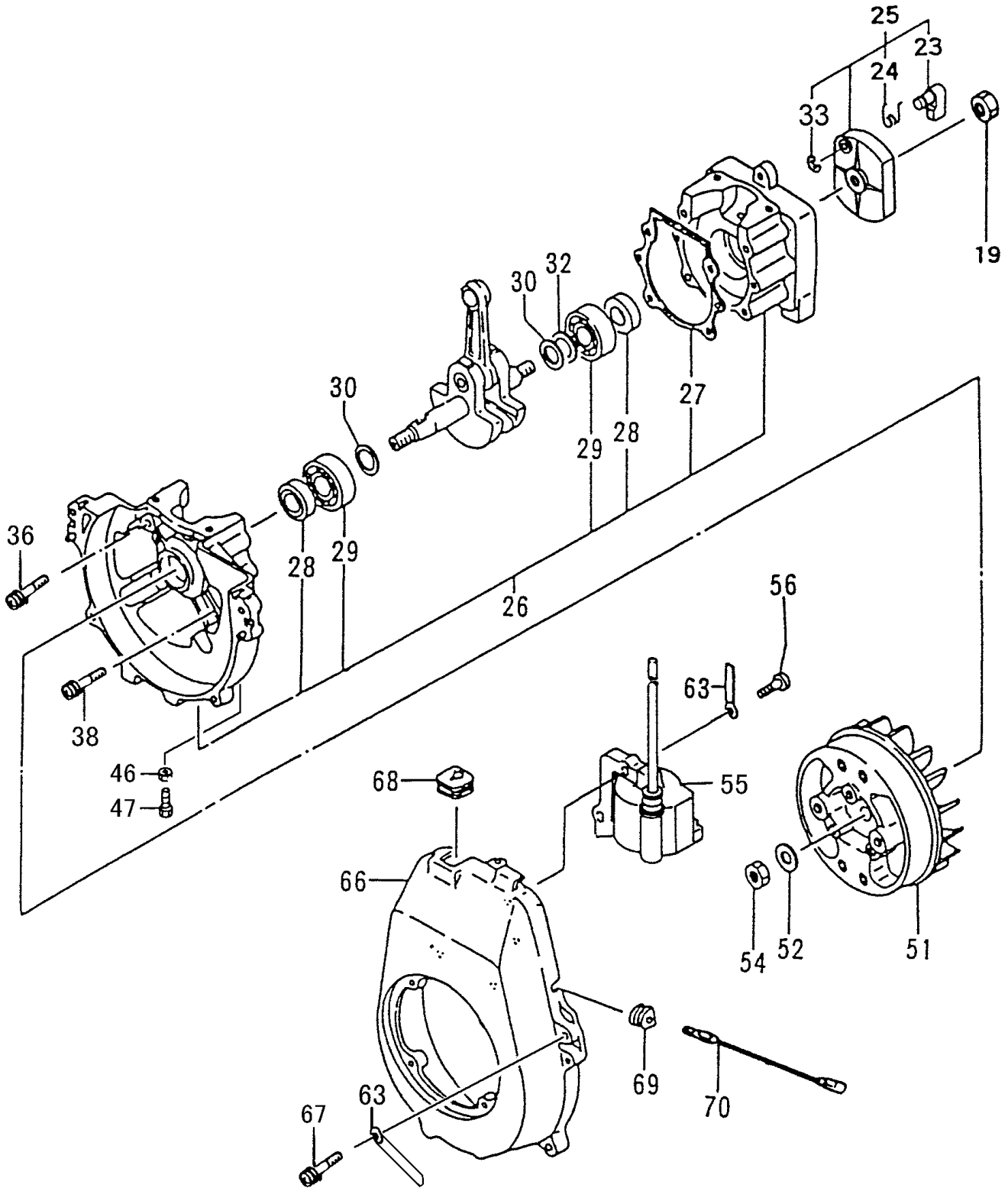
- 32088 COUNTER SPROCKET, 16 TH (-1)
- 32090 COUNTER SPROCKET, 18 TH (+1)



ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
9-11	30936	NUT, M6xP1.0	5	
9-23	31197	WASHER	3	
9-24	30830	WASHER, SPRING M6	7	
9-45	70081	BOLT	2	
9-47	70082	HOUSING, ENGINE MOUNTING	1	
9-48	70083	BOLT, M6xP1.0x30	3	
9-49	30836	DRUM, CLUTCH	1	
9-50	70084	GEAR BOX	1	
9-53	32089	COUNTER SPROCKET, 17	1	
9-55	30821	NUT, M8xP1.25	1	
9-62	70086	BOLT	1	
9-63	70087	BOLT	3	
9-65	PF-3300	PureFire Engine, 33cc	1	
9-65	TC-355	Engine, 35cc	1	
9-65	PF-4000	PureFire Engine, 40cc	1	
9-65	TC-4700	Engine, 47cc	1	
9-66	32200	CHAIN, TPK	1	
9-66	32228	CHAIN, 10FT BOX, TPK	Opt	Includes master links. Makes 5 loops
9-66	32229	CHAIN, 100FT ROLL, TPK	Opt	

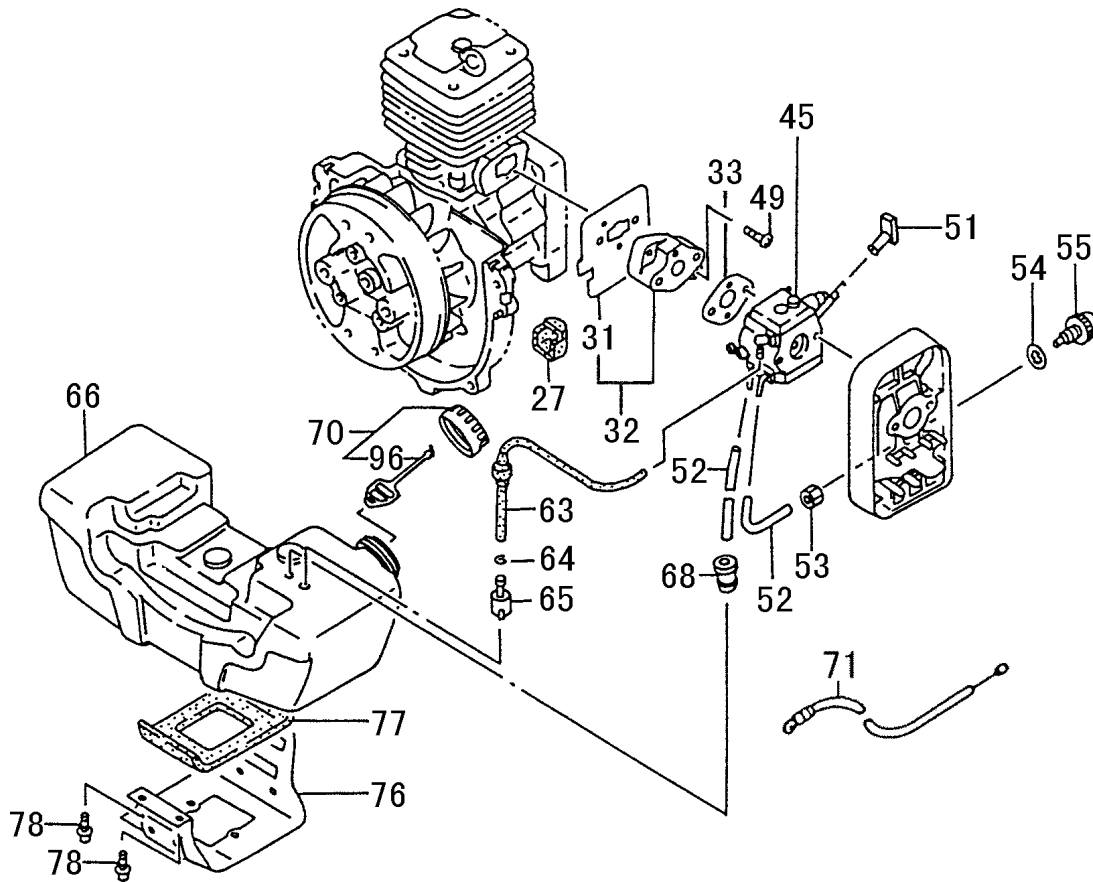


ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
1-6	15711666900	CAP, SPARK PLUG ASSEMBLY	1	
1-7	25504200200	COVER, SPARK PLUG, RUBBER	1	
1-8	0181166021	PLUG, SPARK	1	
1-11	0010422U90	SET, CYLINDER	1	
1-12	99461050184	BOLT, HEX, 5X18, S	4	
1-14	0170422021	GASKET, CYLINDER	1	
1-15	04104090210	RING, PISTON	2	
1-16	0300422U90	PISTON	1	
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	

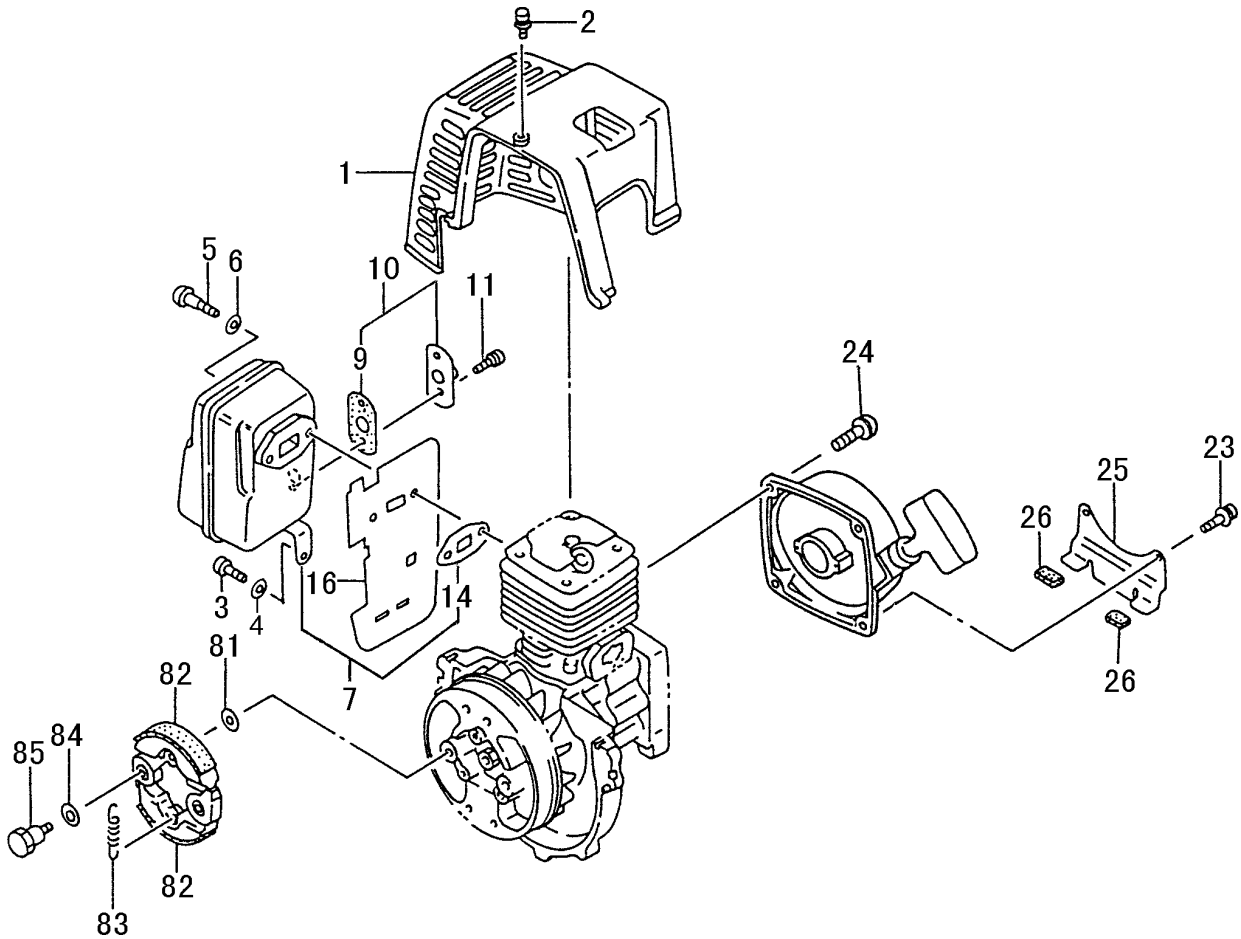


### CRANKCASE, FLYWHEEL, STARTER PULLEY • FIGURE 2

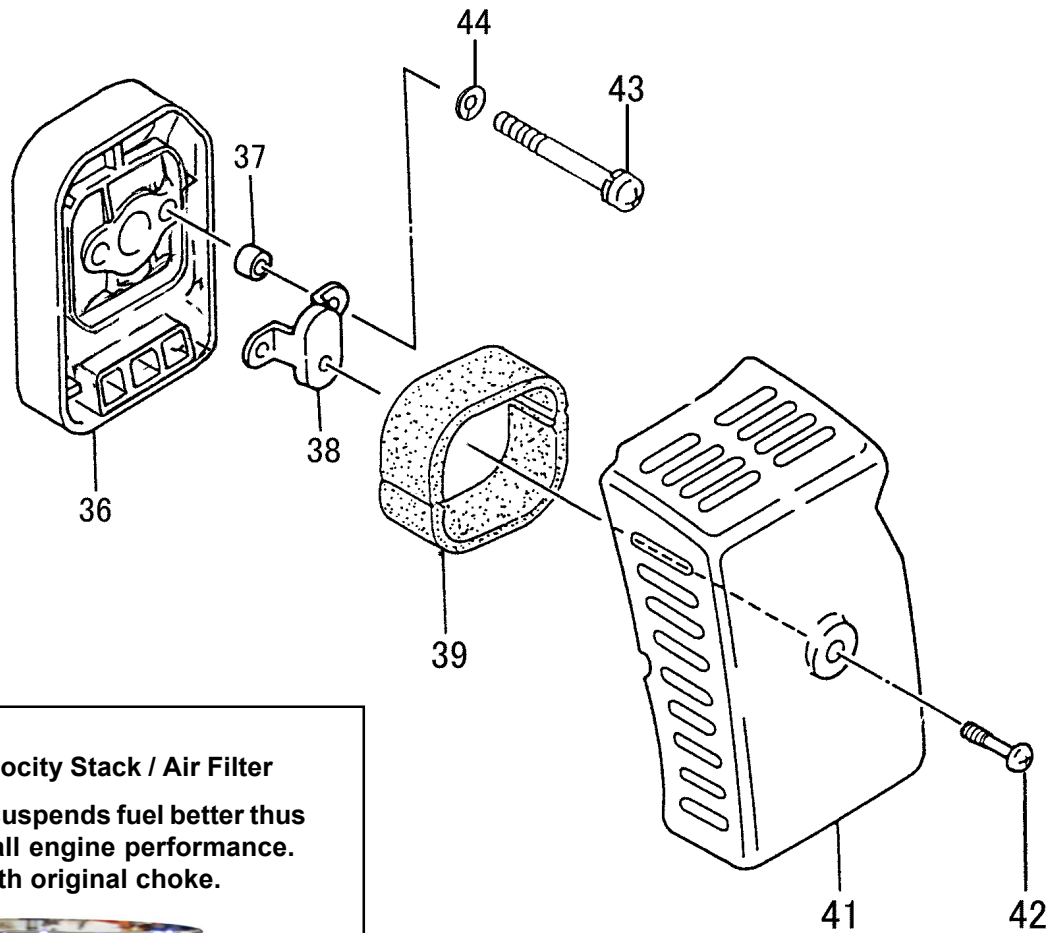
ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
2-19	99111100013	NUT,10	1	
2-23	7880162V20	PAWL,STARTER	1	
2-24	7900162V200	SPRING,PAWL,STARTER	1	
2-25	7980422090	PAWL, STARTER ASSEMBLY	1	
2-26	0720422091	CRANKCASE ASS'Y	1	
2-27	09004200210	GASKET,CRANKCASE	1	
2-28	99966152511	SEAL,OIL,#VE15X25X7	2	
2-29	99961620200	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,16X21X.20	1	
2-32	07111600240	SHIM,16X21X.30	1	
2-33	99355050000	RING,STOP,5	1	
2-36	99414060451	SCREW 6x45/S	2	
2-38	99414060301	SCREW,6X30/S	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	
2-63	19805015800	CLAMP,CORD	2	
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	



ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
3-27	65504200200	CUSHION,FUEL TANK	2	
3-31	4030422021	GASKET,INTAKE	1	
3-32	4040422U90	SET,CARB INSULATOR	1	
3-33	4020174020	GASKET,CARBURETOR	1	
3-45	45525055900	CARBURETOR	1	
3-49	99416050241	SCREW 5x24WS	2	
3-51	49504200200	LEVER,CHOKE	1	
3-52	70002504090	PIPE,FUEL	2	
3-53	99111100011	NUT,10	1	
3-54	99220100010	WASHER,10 INNER TOOTHED	1	
3-55	42225030800	PUMP,PRIMING	1	
3-63	22301251901	PIPE,FUEL,3X5X230	1	
3-64	68000731201	CLIP 6.3	1	
3-65	67501630900	FILTER,FUEL	1	
3-66	5910422P21	TANK,WHITE,TC-4700	1	
3-68	53432710200	GROMMET,FUEL PIPE	1	
3-70	5950651690	CAP,TANK,BLACK	1	
3-71	8850428280	WIRE,THROTTLE,2070+111	1	
3-76	60304201200	BAND,HOLDING,TANK	1	
3-77	65204201200	CUSHION	1	
3-78	99415050162	SCREW,5X16/PS	2	
3-96	62632810200	CHAIN,TANK CAP	1	

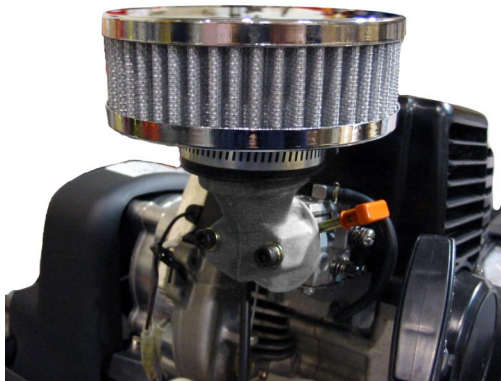


ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
4-1	7380422020	PROTECTOR,MUFFLER	1	
4-2	99415050122	SCREW,5X12/PS	1	
4-3	99461050124	BOLT,HEX,5X12S	1	
4-4	99201050061	WASHER,5	1	
4-5	99053060653	SCREW,HEX,6X65	2	
4-6	99201060011	WASHER,6	2	
4-7	7040422S90	MUFFLER	1	
4-9	75104200201	GASKET,MUFFLER	1	
4-10	7210430090	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	



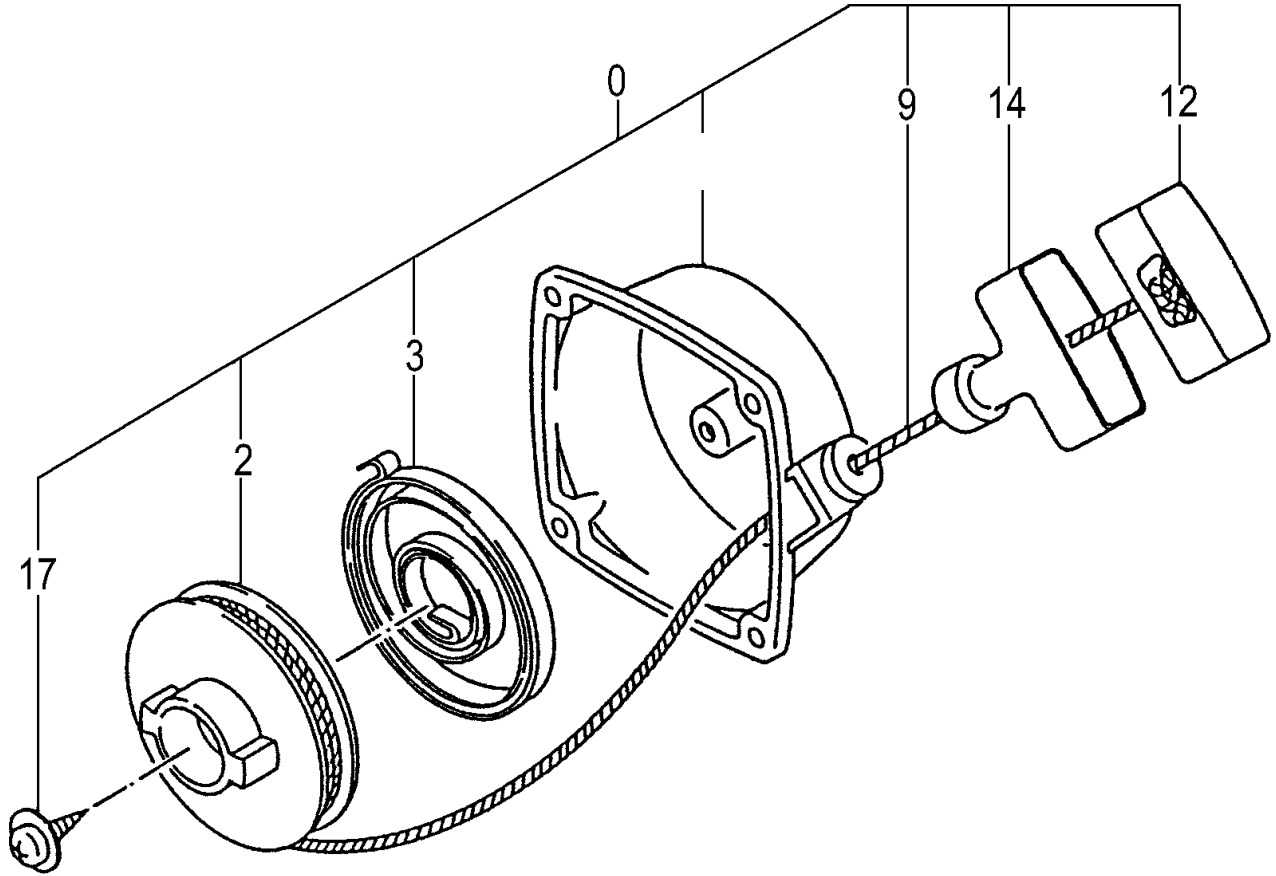
#### #32203 HP Velocity Stack / Air Filter

Upright design suspends fuel better thus improves overall engine performance.  
Works with original choke.

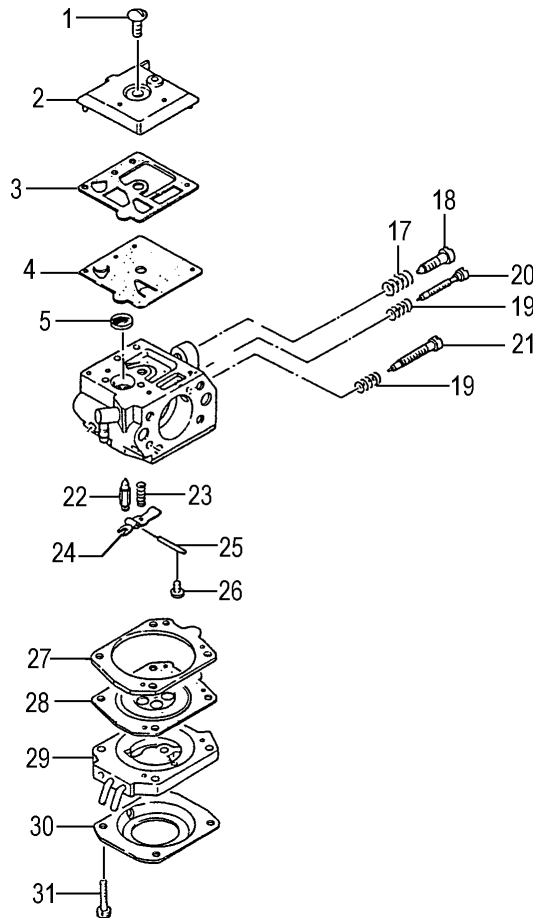


ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
5-36	4230427020	BODY, CLEANER	1	
5-37	65900801200	COLLAR	2	
5-38	4760422U80	BOARD, BLOW OVER CHECK	1	
5-39	4460652N20	CLEANER, ELEMENT	1	
5-41	4240420022	COVER, AIR CLEANER	1	
5-42	4500407220	COVER, CLEANER BOLT	1	
5-43	99011050601	SCREW, 5X60	2	
5-44	99210050012	WASHER, S, 5	2	

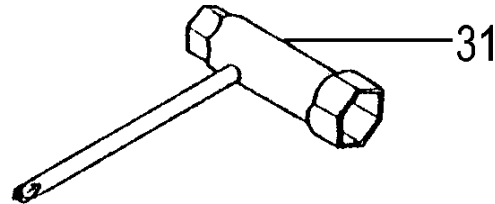




ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
6-0	7620422090	STARTER, RECOIL ASSY	1	
6-1	7720422080	BODY, RECOIL STARTER	1	
6-2	7690422020	REEL, STARTER ROPE	1	
6-3	7790422020	SPRING, RECOIL	1	
6-9	7830427020	ROPE, STARTER	1	
6-12	8350422020	CAP, HANDLE	1	
6-14	7850422020	HANDLE, STARTER	1	
6-17	8390422020	SCREW, SET	1	



ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
7-0	4550422U90	CARBURETOR ASS'Y	1	
7-1	51425001200	SCREW,SET	1	
7-2	57525012200	BODY,PUMP	1	
7-3	~ ~ ~	GASKET,PUMP	1	
7-4	~ ~ ~	DIAPHRAGM,PUMP	1	
7-5	57825007200	SCREEN,INLET	1	~ Contained in Carb Repair Kit
7-17	46325012200	SPRING,IDLE ADJUST	1	P/N 650-25032-91
7-18	46225006200	SCREW,IDLE ADJUST	1	(Not available individually)
7-19	62325054200	SPRING,ADJUST	2	
7-20	46125032200	SCREW,LOW ADJUST	1	
7-21	46025032200	SCREW,HIGH ADJUST	1	
7-22	6032501220	NEEDLE VALVE	1	
7-23	47725051200	SPRING,VALVE	1	
7-24	47325012200	LEVER,CONTROL	1	
7-25	60525001200	PIN,HINGE	1	
7-26	54625001200	SCREW,SET,HINGE PIN	1	
7-27	~ ~ ~	GASKET,DIAPHRAGM	1	
7-28	~ ~ ~	DIAPHRAGM,METERING	1	
7-29	45425032800	PURGE,AIR	1	
7-30	47625032200	COVER,DIAPHRAGM	1	
7-31	54825016200	SCREW,SET	4	



ITEM	PART NUMBER	DESCRIPTION	QTY	COMMENTS
8-1	9060428220	DECAL,TC-4700	1	
8-31	8262000080	SPANNER,COMBI,17X19	1	