

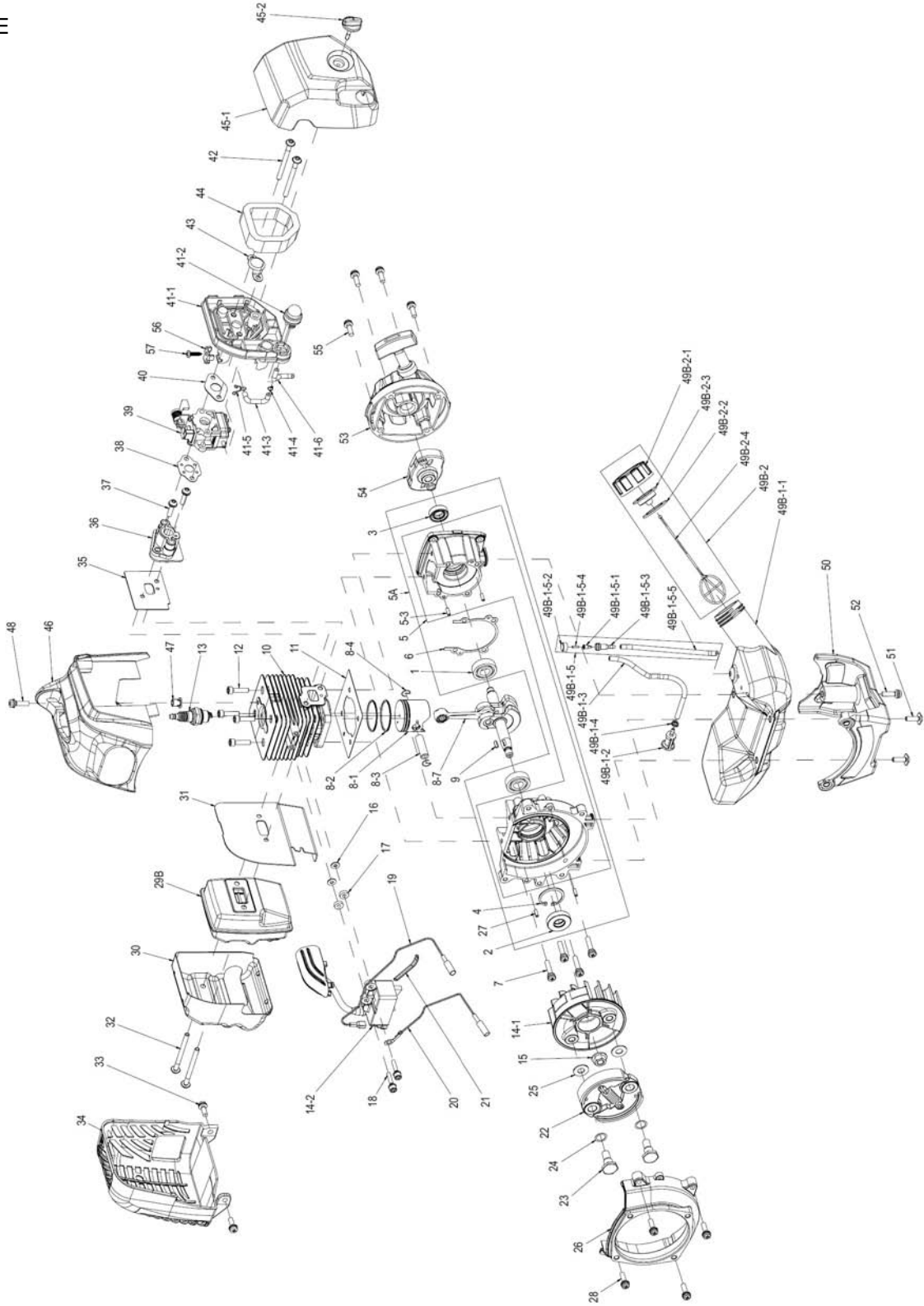
Hitachi Power Tools

ENGINE TOOL PARTS LIST

ENGINE GRASS CUTTER
Model TCG31EBSP (TANAKA BRANDED)

2011 • 5 • 2
(E2)

TCG31 ENGINE



ENGINE PARTS

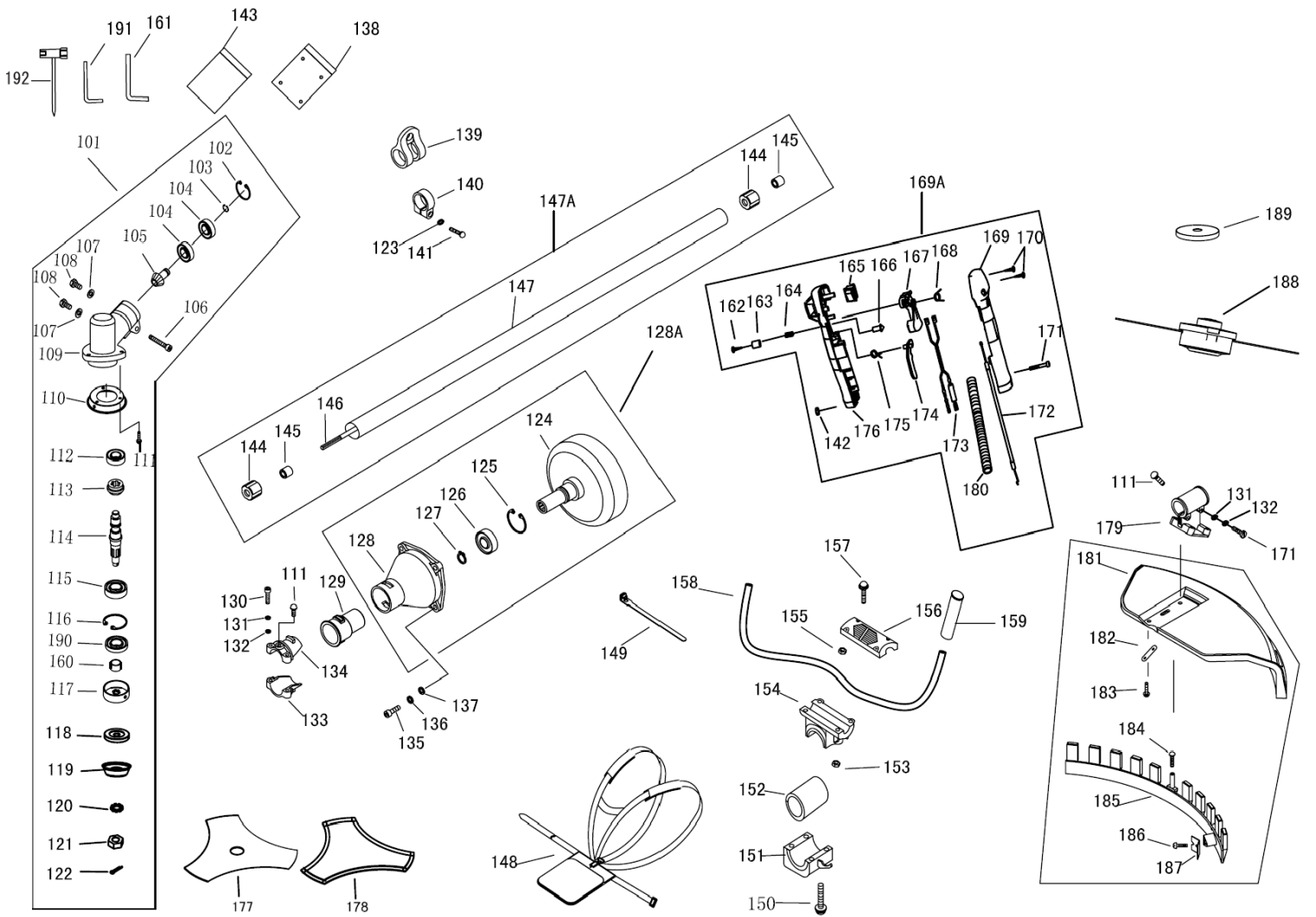
TCG31EBSP

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS
1	7791153	Ball Bearing, 6001	2	
2	7791152	Oil seal TC type 12X28X7	1	
3	7791155	Oil seal TC type 12X22X7	1	
4	7791150	Retaining Ring RTW-28	1	
5	7791166	Crank Case Set	1	
5-3	7791151	Spring Type Straight Pin Slotted 3X10	2	
5A		Crank Case Ass'y	1	Includes 1~5, 5~3, 6, 27
6	7791167	Gasket, Crankcase	1	
7	7791137	Cross Rec Pan Head Screw S M5X25	4	
8-1	7791168	Piston	1	
8-2	7791169	Ring, Piston	2	
8-3	7791170	Pin, Piston 9 X 31	1	
8-4	7791171	Ring, Snap	2	
8-7	7791172	Crank Shaft Ass'y	1	
9	7791154	Woodruff Key 3X3.7X10	1	
10	7791173	Cylinder	1	
11	7791174	Gasket, Cylinder	1	
12	7791142	Torx Socket Head Cap Screw M5X0.8X20	4	
13	7791156	Spark Plug	1	
14-1	7791175	Rotor, Magnet	1	
14-2	7791217	Coil Comp	1	
15	7791146	Conical Nut M8XP1.25	1	
16	7791148	Washer, IG Coil 4.2X10X1	2	
17	7791176	Spacer, IG Coil	2	
18	7791177	Torx Sckt Hd Cap Screw PS M4x0.7x 20 w/ Nylok	2	
19	7791158	Wire, Lead	1	
20	7791178	Wire, Lead-Ground	1	
21	7791179	Sleeve, Lead Wire	1	
22	7791180	Clutch Ass'y	1	
23	7791181	Clutch Bolt	2	
24	7791147	Wave Washer 10	2	
25	7791149	Washer 8.2x18x1.2	2	
26	7791213	Fan Cover for Back Pack	1	
27	7791151	Spring Type Straight Pin Slotted 3X10	2	
28	7791140	Cross Rec Pan Head Screw PS M5X25	4	
29B	7791215	Muffler Ass'y Rear Exhaust w/Catalyst	1	
30	7791182	Heat Shield	1	
31	7791219	Gasket, Muffler	1	
32	7791143	Torx Sckt Button Hd Screw M5 x 0.8 x 60	2	
33	7791138	Cross Rec Pan Head Screw PS M5X16	2	
34	7791220	Muffler Cover	1	
35	7791183	Gasket, Insulator	1	
36	7791184	Insulator for Diaphragm Carb.	1	
37	7791144	Torx Sckt Button Hd Screw PS M5 x 0.8 x 22	2	
38	7791185	Gasket, Carburetor	1	
39	7791186	Carburetor Ass'y, Diaphragm	1	
40	7791187	Gasket, Cleaner	1	
41-1	7791188	Base, Cleaner	1	
41-2	7791159	Primer Pump Ass'y	1	
41-3	7791160	Pipe, Pump (0.045m)	1	
41-4	7791161	Clip, Pipe	1	
41-5	7791162	Clip, Pipe	1	
41-6	7791189	Pipe, Return	1	
42	7791143	Torx Socket Button Head Screw M5 x 0.8 x 60	2	

ENGINE PARTS

TCG31EBSP

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS
43	7791222	Spit Back Shield	1	
44	7791190	Air Filter Element	1	
45-1	7791191	Cover, Cleaner	1	
45-2	7791192	Knob, Cover	1	
46	7791221	Top Cover	1	
47	7791193	Spacer, Top Cover	1	
48	7791139	Cross Rec Pan Head Screw PS M5X20	1	
49B-1-1	7791216	Fuel Tank	1	
49B-1-2	7791163	Fuel Filter Comp	1	
49B-1-3	7791195	Pipe, Suction (0.150m)	1	
49B-1-4	7791164	Clip, Pipe	1	
49B-1-5		Valve Ass'y	1	Includes 49B-1-5-1 ~ 49B-1-5-5
49B-1-5-1	7791165	Valve, Fuel Cap	1	
49B-1-5-2	7791196	Cap, Holder	1	
49B-1-5-3	7791197	Holder, Valve	1	
49B-1-5-4	7791198	Element, Valve	1	
49B-1-5-5	7791199	Pipe, Valve Ass'y	1	
49B-2		Fuel Cap Ass'y	1	Includes 49B-2-1 ~ 49B-2-4
49B-2-1	7791200	Fuel Cap	1	
49B-2-2	7791201	Gasket, Fuel Cap	1	
49B-2-3	7791202	Holder, Gasket	1	
49B-2-4	7791203	Strap, Fuel Cap	1	
50	7791204	Engine Stand	1	
51	7791145	Torx Socket Flange Screw M5X0.8X16	2	
52	7791139	Cross Rec Pan Head Screw PS M5X20	1	
53	7791205	Recoil Starter Ass'y	1	
54	7791211	Pulley Ass'y	1	
55	7791140	Cross Rec Pan Head Screw PS M5X25	4	
56	7791212	Stay, Throttle Cable	1	
57	7791141	Cross Rec Pan Head Screw ST4.2x12	1	



Bike Handle and Shaft Parts

TCG31EBSP

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS
101	7791075	Gear Case Ass'y	1	Includes 102 ~122, 160, 190
102	7791057	Stop Ring (Φ26)	1	
103	7791055	Stop Ring (Φ10)	1	
104	7791014	Bearing (6000-2RS/P5)	2	
105	7791041	Pinion	1	
106	7791038	Screw (M5x25)	1	
107	7791022	Washer	2	
108	7791051	Bolt (M6x12)	2	
109	7791063	Gear Case	1	
110	7791037	Safety Guard	1	
111	7791039	Screw (M5x12)	5	
112	7791012	Bearing (6000/P5)	1	
113	7791069	Gear	1	
114	7791068	Gear Shaft	1	
115	7791013	Bearing (6002-2RS/P5)	1	
116	7791058	Stop Ring (Φ32)	1	
117	7791062	Holder A	1	
118	7791027	Holder B	1	
119		Nut Cover	1	
120	7791060	Washer	1	
121	7791052	Left Nut (M10x1.25)	1	
122	7791061	Pin (2x16)	2	
123	7791053	Washer 5	1	
124	7791074	Clutch Drum Comp	1	
125	7791059	Stop Ring (Φ35)	1	
126	7791011	Bearing (6202-2RS/P5)	1	
127	7791056	Stop Ring (Φ15)	1	
128	7791047	Clutch Case	1	
128A		Clutch Case Ass'y	1	Includes 124 ~ 128
129	7791028	Rubber Cover	1	
130	7791023	Screw (M5x25)	2	
131	7791073	S. Washer (Φ5)	4	
132	7791070	Washer (Φ5)	4	
133	7791030	Clamp B	1	
134	7791029	Clamp A	1	
135	7791024	Screw (M6x20)	4	
136	7791065	S. Wsher (Φ6)	4	
137	7791046	Washer (Φ6)	4	
139	7791031	Hanger	1	
140	7791032	Clamp	1	
141	7791048	Screw (M5x20)	1	
142	7791050	Nut (M5)	1	
144	7791010	Bushing Cover	6	
145	7791015	Oil-Bearing (8x14x14)	6	
146	7791016	Drive Shaft (1526mm K)	1	
147	7791115	Pipe (26x1.5x1500)	1	
147A		Pipe Ass'y	1	Includes 144 ~ 147
148	7791105	Belt Ass'y	1	
149	7791108	Wire Clamp Band	2	
150	7791116	Screw (M6x40)	4	
151	7791117	Cap, Lower	1	
152	7791118	Rubber Cover	1	
153	7791119	Nut (M6)	4	
154	7791120	Bracket	1	
155	7791025	Nut M6	4	

Bike Handle and Shaft Parts

TCG31EBSP

TEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS
156	7791121	Cap, Upper	1	
157	7791122	Screw (M6x25)	4	
158	7791123	Handle (BT260) (Bike)	1	
159	7791136	Grip	1	
160	7791054	Bushing	1	
162	7791098	Screw (ST2.9x10)	1	
163	7791124	Button	1	
164	7791125	Spring	1	
165		Stop Switch	1	
166	7791126	Locking Pin	1	
167	7791127	Throttle Lever	1	
168	7791128	Spring	1	
169	7791129	Box, Right	1	
169A		R Switch Ass'y	1	Includes 142, 162 ~ 176, 180
170		Bolt ST3.5x16	2	
171	7791094	Screw (M5x30)	3	
172	7791131	Cable Comp	1	
173	7791132	Stop Button Comp	1	
174	7791133	Safety Lever	1	
175	7791134	Spring	1	
176	7791135	Box, Left	1	
177	7791076	Blade	1	
178	7791096	Blade Cover	1	
179	7791097	Safety Guard Bracket	1	
180	7791001	Tube	1	
181	7791099	Safety Guard	1	
182	7791100	Spacer	2	
183	7791045	Screw (M5x16)	4	
184	7791101	Screw (ST4.2x16)	1	
185	7791102	Guard	1	
186	7791103	Screw (ST4.2x12)	2	
187	7791104	Blade	1	
188	7791106	Cutting Head Ass'y, 4"	1	Altn: 6696454, 4"
189	7791107	Nylon Cutter Head Guard	1	
190	7791040	Oil Seal	1	

STANDARD ACCESSORIES

TCG31EBSP

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS
138	7791049	Tool Kit	1	
143	7791067	Kit	1	
161	7791007	Inner Spanner S=5	1	
191	7791006	Inner Spanner S=4	1	
192	7791009	Spark Plug Sleeve 17x19	1	
	7790332	Eye Protector	1	

OPTIONAL ACCESSORIES

ITEM NO.	CODE NO.	DESCRIPTION	NO. USED	REMARKS
	700208	OIL,2-CYCLE,16oz,24cs		24 16oz SELF-MEASURING BOTTLES
	700209	OIL,2-CYCLE,2.6oz,48cs		6 PACK-INNERPACK 48 BOTTLES
	700210	OIL,2-CYCLE,1 GALLON,4cs		OIL,2-CYCLE,1 GALLON,4cs
	700212	OIL,2-CYCLE,5 GALLON		5 GALLON PAIL
	700215	OIL,2-CYCLE,55 GALLON		55 GALLON DRUM
	746590	LINE,TRIMMER, .095,1LB DONUT		Green Monster Pro Round Line
	746591	LINE,TRIMMER, .105,1LB DONUT		Green Monster Pro Round Line
	746592	LINE,TRIMMER, .130,1LB DONUT		Green Monster Pro Round Line
	746599	LINE,TRIMMER, .155,1LB DONUT		Green Monster Pro Round Line
	746593	LINE,TRIMMER, .095,3LB 855FT		Green Monster Pro Round Line
	746594	LINE,TRIMMER, .105,3LB SPOOL		Green Monster Pro Round Line
	746595	LINE,TRIMMER, .105,3LB SPOOL		Green Monster Pro Round Line
	746600	LINE,TRIMMER, .155,3LB SPOOL		Green Monster Pro Round Line
	746555	LINE, TRIMMER, .080,50FT		GREEN Coil Donut package
	746556	LINE, TRIMMER, .095,40FT		ORANGE Coil Donut package
	746557	LINE,TRIMMER, .105,30FT		RED Coil Donut package
	746559	LINE,TRIMMER, .080,1/2LB,200FT		GREEN Coil Donut package
	746560	LINE,TRIMMER, .095,1/2LB,143FT		ORANGE Coil Donut package
	746561	LINE,TRIMMER, .105,1/2LB,118FT		RED Coil Donut package
	746564	LINE,TRIMMER, .080,1LB,400FT		GREEN Coil Donut package
	746565	LINE,TRIMMER, .095,1LB,285FT		ORANGE Coil Donut package
	746566	LINE,TRIMMER, .105,1LB,235FT		RED Coil Donut package
	6698639	Cutting head Ass'y, 5"		Remove Item 189 to Use

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