



Electronic Service Manuals

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Serving the Cleaning Industry Since 1922

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Minuteman[®]
Parker[®]

**Model:
HT0506B
HT0505H**

Hurricane Plus 5

OPERATION

SERVICE

PARTS

CARE

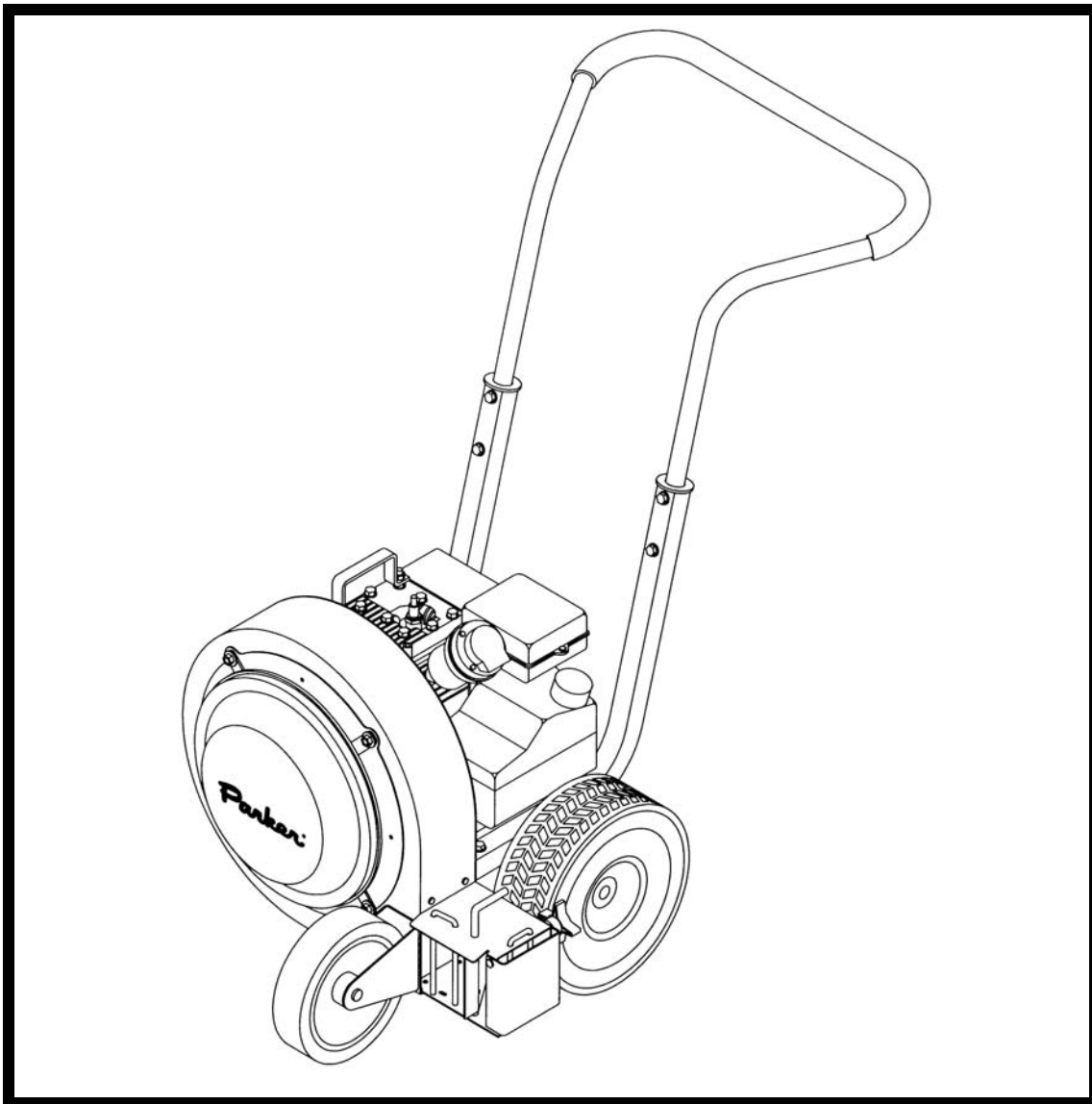


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EC DECLARATION OF CONFORMITY


EC Declaration of Conformity according to Directives 89/392 and 89/336

We, Minuteman International Incorporated, of 111 South Rohlwing Road Addison Illinois 60101 USA, declare under our sole responsibility that the products HT0165B, HT0505H, HT0506B, HT0110B, HT9711H and HT9608H to which this declaration relates corresponds to the relevant requirements of the EC Directives 89/392 and 89/336. The following standards were used to determine compliance with the Directives: EN 292, EN 294, EN 811 and CISPR 12.

SOUND		VIBRATION
92 dB Operator	87 dB At 3m	.041 m/s² At Operators Hand Grips
Tests were conducted on 11/11/04 with calibrated sound and vibration equipment under the conditions noted below:		
General Condition:	Cloudy	Wind: 8 km/hr
Temperature:	15°C	Humidity: 85%
Barometric Pressure:	30.1	



Jeff Pollack, Standards Engineer



Date

Form: EC044 REV A

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING

WARNING

- To prevent personal injury or property damage, do not attempt to start engine until all assembly steps are complete and you have read and understand the safety and operating instructions in this manual.
- Under California law, and under laws of several other states, you are not permitted to operation internal combustion's engine using hydrocarbon fuels on any forest covered, brush covered, or grass covered land, or on land with grain, hay, or other flammable agricultural crop, without an engine spark arrester in continuous effective working order. The engine on your power equipment, like most outdoor power equipment, is an internal combustion engine that burns gasoline, a hydrocarbon fuel. Therefore, your power equipment must be quipped with a spark arrester muffler in continuous effective working order. The spark arrester must be attached to the engine exhaust system in such a manner that flames or heat from the system will not ignite flammable material. Failure of the owner/operator of the equipment to comply with this regulation is a misdemeanor under California law, and may also be a violation of other state and/or federal regulations, laws, ordinances, or codes. Contact your local fire marshal or forest service for specific information about what regulations apply in your area.
- Wear approved safety glasses when operating this equipment. The operation of any powered machine can result in foreign objects being thrown by high-speed rotating parts.
- Wear work gloves, sturdy footwear, and hearing protection when operating this equipment.
- Remove hearing protection and watch for traffic when operating near, or when crossing roadways.
- Before inspecting or servicing any part of equipment, shut off engine, disconnect spark plug wire from spark plug, and make sure that all moving parts have come to a complete stop. Be aware that rotating blades slow down gradually after engine is shut off.
- Exercise extreme caution on slopes and avoid excessively steep slopes.
- Never leave equipment unattended when engine is running. Shut off engine and disconnect spark plug wire from spark plug before leaving equipment. Turn off fuel shut-off if equipped.
- Do not operate this equipment on a paved, gravel, or hard surface unless the collection bag is installed. Discharged material may bounce from a hard surface.
- Do not vacuum any burning or smoldering materials such as cigars, cigarettes, ashes or cinders.
- Do not vacuum areas that have been recently treated with fertilizers, pesticides or herbicides. Follow chemical manufacturer's safety instructions regarding contact with treated areas.
- Do not vacuum flammable liquids such as gasoline, kerosene, diesel fuel, paint thinner, etc.
- Never pick up or carry equipment while the engine is running.
- Walk, never run.

- Never allow children or untrained adults to operate this equipment.
- Keep the area of operation clear of all persons, particularly small children, and pets. Keep bystanders at least 25 feet away from the area of operation.
- Do not run engine in an enclosed area. Engine exhaust contains carbon monoxide gas, a deadly poison that is odorless, colorless, and tasteless.
- Do not operate this equipment near buildings, windows, or air conditioners.
- Do not allow hands or any other part of the body or clothing inside the vacuum inlet.
- Do not start engine or operate this equipment with any safety guards or housing removed.
- Before removing or installing collection bag, shut off engine, disconnect spark plug wire from spark plug, and allow all moving parts to come to a complete stop.
- Empty the collection bag after each use. Decomposing debris could generate enough heat to catch fire. Before emptying the collection bag, shut off engine, disconnect spark plug and allow all moving parts to come to a complete stop.
- If equipment jams or becomes clogged, immediately shut off engine, disconnect spark plug, and allow all moving parts to come to a complete stop. Use only a wooden stick to clear away debris.

DANGER

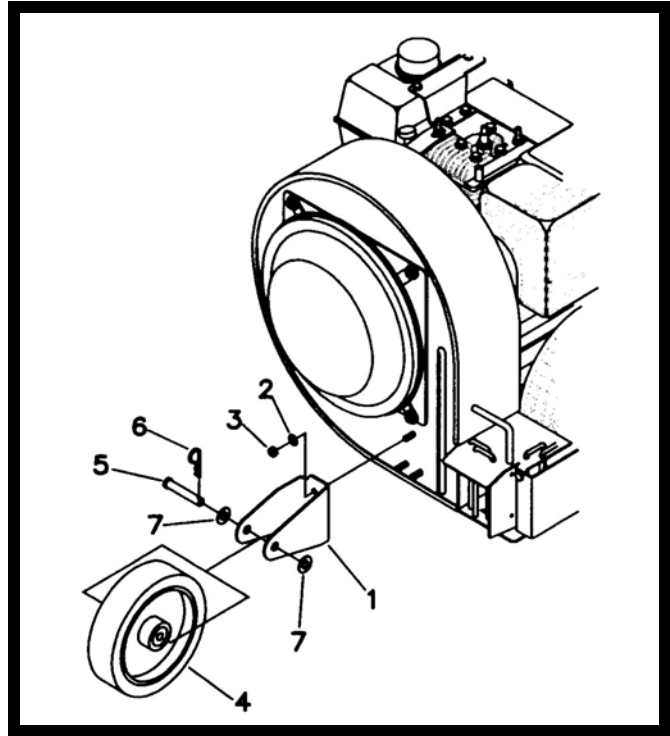
Gasoline is highly flammable and its vapors are explosive. To prevent personal injury or property damage:

- Do not add fuel if engine is running or still hot from recent operation. Allow engine to cool for at least three minutes.
- Do not fill fuel tank indoors. After filling, wipe up any spills and move away from gasoline fumes before starting engine.
- Do not allow open flame, matches, or smoking in area.
- Fill fuel tank with fresh, clean unleaded regular automotive gasoline, (leaded regular and unleaded or leaded premium grades of gasoline are acceptable substitutes).
- Do not mix oil with gasoline.
- Clean the area around the fuel fill cap and remove the cap from the fuel tank. Insert a clean funnel into the fuel tank.
- Fill the tank to 1/2 inch below the bottom of the filter neck to provide space for any fuel expansion.
- Reinstall the fuel fill cap securely and wipe up any spilled gasoline.

ASSEMBLY INSTRUCTIONS

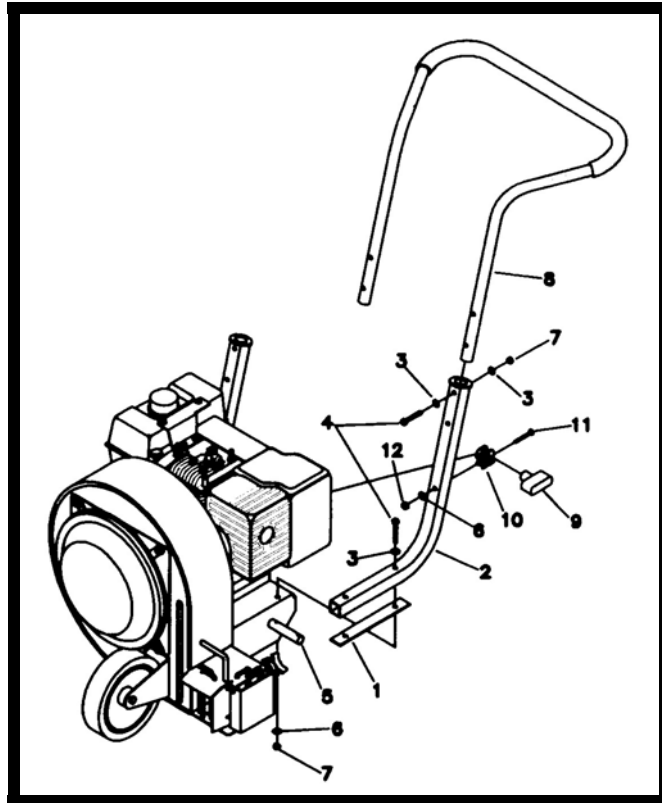
FRONT WHEEL ASSEMBLY

Install front wheel bracket (1) to front housing using 5/16" flat washer (2) and 5/16" nyloc nuts (3) and tighten. Install front wheel (4) into front wheel bracket (1). Slide nylon washer (7) onto clevis pin (5) and slide clevis pin (5) all the way through front wheel bracket (1) and front wheel (4). Slide second nylon washer (7) onto clevis pin (5) and secure with hairpin (6).



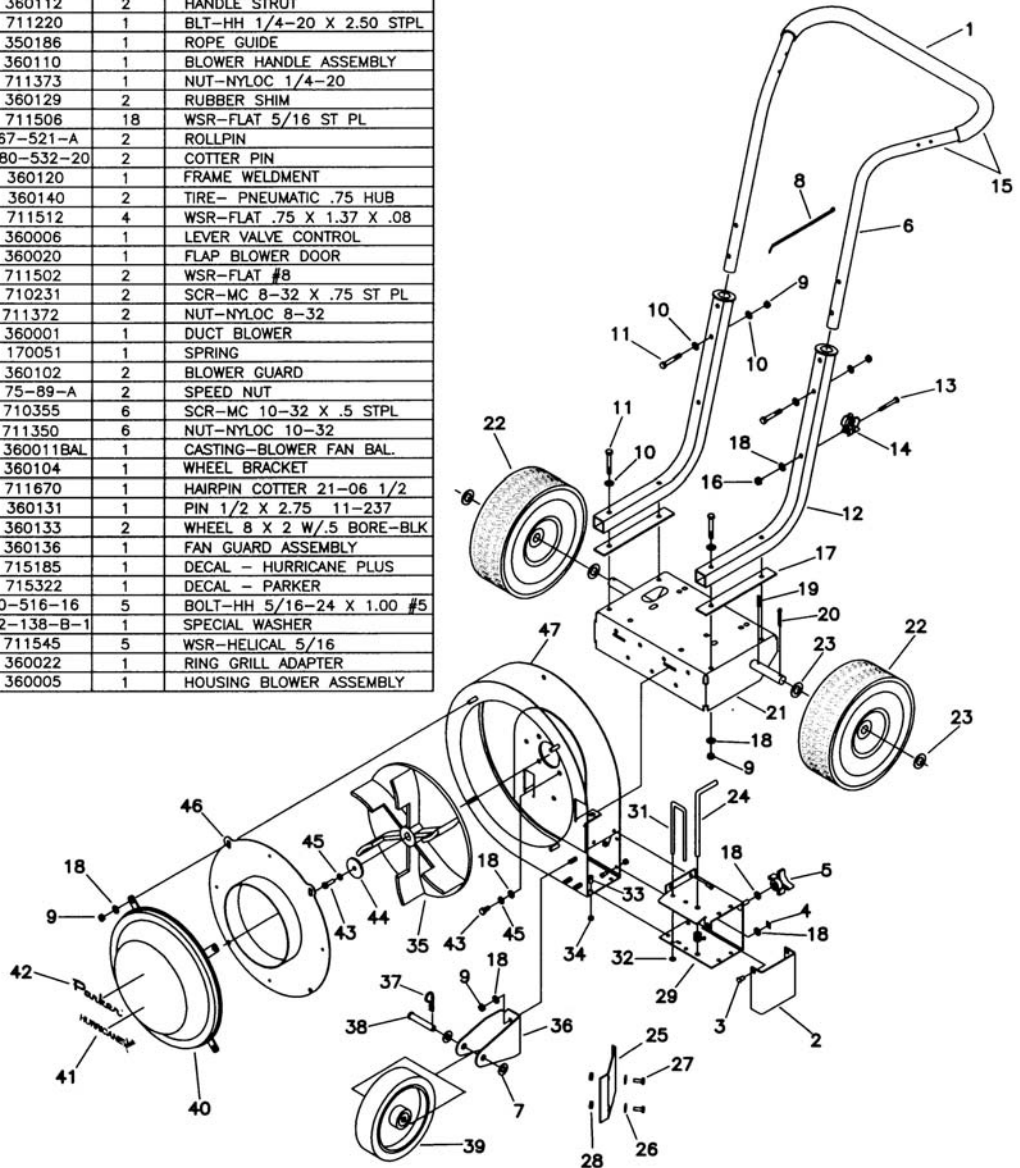
HANDLE ASSEMBLY

Install handle assembly to blower, place rubber shim (1) under handle strut (2) and place 5/16-18 x 2" bolt (4) and 3/8" washer (3) into holes in handle strut (2) and through frame (5) and tighten (not all the way) with 5/16" washer (6) and 5/16-18 nyloc nut (7). Place handle (8) into handle struts (2) and align holes in handle (8) and struts (2). Place 5/16-18 x 2" bolt (4) and 3/8" washer (3) into strut (2) and handle (8), as shown, and tighten with 3/8" washer (3) and 5/16-18 nyloc nut (7). Tighten bolts on strut / frame at this time. Pull Pull-Rope handle (9) towards strut (2) and install rope guide (10) around pull-rope. Place 1/4-20 x 2.5" bolt (11) through rope guide (10) and strut (2) and tighten with 5/16" washer (6) and 1/4-20 nylock nut (12).

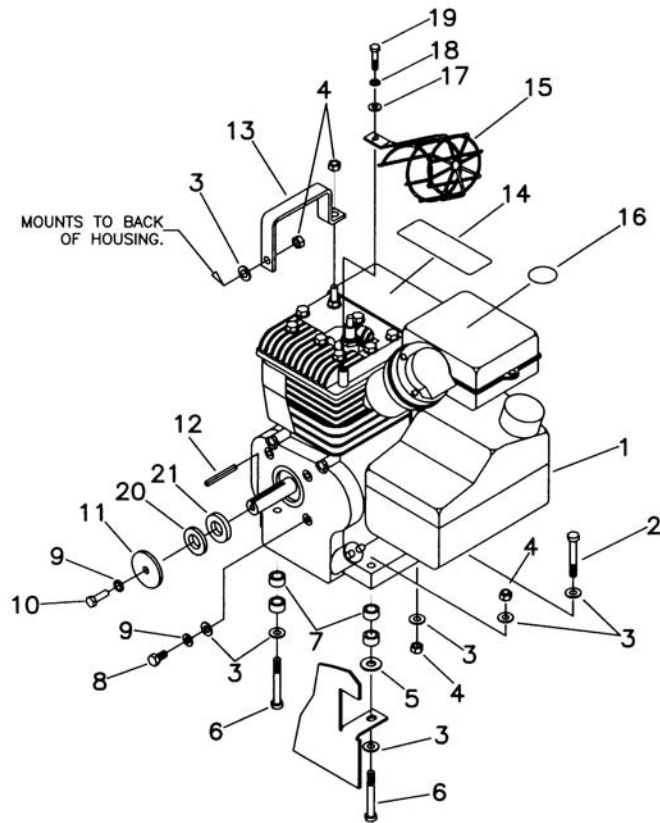


BLOWER FRAME ASSEMBLY

BILL OF MATERIAL			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	360108	1	HANDLE SLEEVE
2	360100	1	BLOWER DOOR
3	831889	1	CLEVIS PIN 5/16 X 1/2
4	75-80-A	4	SHAFT RETAINER
5	350139	1	KNOB 5/16 THREAD
6	369109PTD	1	BLOWER HANDLE-PAINTED
7	711592	2	NYLON WASHER
8	828062	1	CABLE TIE - LARGE
9	711374	14	NUT-NYLOC 5/16-18
10	711507	12	WSR-FLAT .37 X 1.12 X .06
11	713031	8	BLT HH 5/16-18 X 2 NO.5
12	360112	2	HANDLE STRUT
13	711220	1	BLT-HH 1/4-20 X 2.50 STPL
14	350186	1	ROPE GUIDE
15	360110	1	BLOWER HANDLE ASSEMBLY
16	711373	1	NUT-NYLOC 1/4-20
17	360129	2	RUBBER SHIM
18	711506	18	WSR-FLAT 5/16 ST PL
19	67-521-A	2	ROLLPIN
20	380-532-20	2	COTTER PIN
21	360120	1	FRAME WELDMENT
22	360140	2	TIRE- PNEUMATIC .75 HUB
23	711512	4	WSR-FLAT .75 X 1.37 X .08
24	360006	1	LEVER FLAT VALVE CONTROL
25	360020	1	FLAP BLOWER DOOR
26	711502	2	WSR-FLAT #8
27	710231	2	SCR-MC 8-32 X .75 ST PL
28	711372	2	NUT-NYLOC 8-32
29	360001	1	DUCT BLOWER
30	170051	1	SPRING
31	360102	2	BLOWER GUARD
32	75-89-A	2	SPEED NUT
33	710355	6	SCR-MC 10-32 X .5 STPL
34	711350	6	NUT-NYLOC 10-32
35	360011BAL	1	CASTING-BLOWER FAN BAL.
36	360104	1	WHEEL BRACKET
37	711670	1	HAIRPIN COTTER 21-06 1/2
38	360131	1	PIN 1/2 X 2.75 11-237
39	360133	2	WHEEL 8 X 2 W/5 BORE-BLK
40	360136	1	FAN GUARD ASSEMBLY
41	715185	1	DECAL - HURRICANE PLUS
42	715322	1	DECAL - PARKER
43	60-516-16	5	BOLT-HH 5/16-24 X 1.00 #5
44	82-138-B-1	1	SPECIAL WASHER
45	711545	5	WSR-HELICAL 5/16
46	360022	1	RING GRILL ADAPTER
47	360005	1	HOUSING BLOWER ASSEMBLY

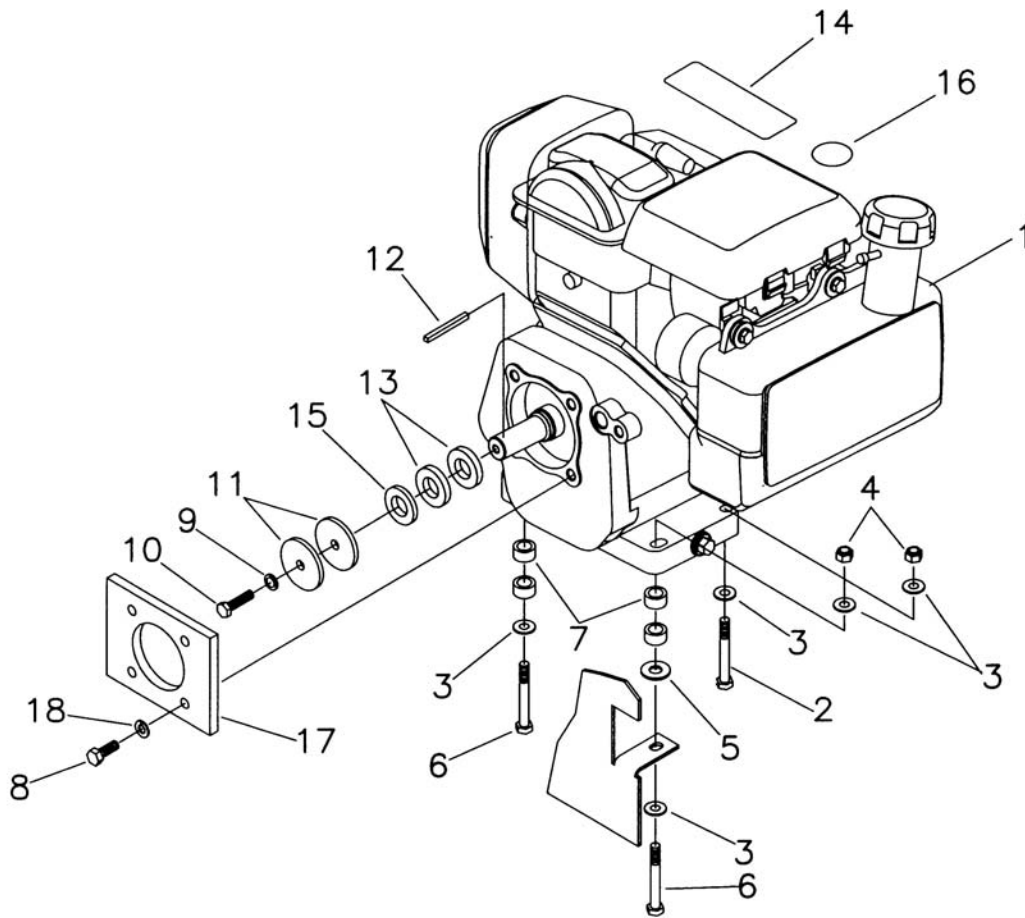


BRIGGS AND STRATTON 6.0 HP ENGINE ASSEMBLY



BILL OF MATERIAL			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	360036	1	ENGINE - B&S 6.0 HP
2	713030	2	BLT HH 5/16-18X1.75 NO. 5
3	711506	13	WSR-FLAT 5/16 ST PL
4	711374	6	NUT-NLOC 5/16-18
5	711508	1	WSR-FLAT .44 X 1.0 X .08
6	713034	2	BLT HH 5/16-18 X 2.75 NO.5
7	833744	4	BUSHING .5 X .75 X .40
8	60-516-12	4	BLT HH 5/16-24 .75 NO.5
9	711545	5	WSR-HELICAL 5/16
10	60-516-16	1	BLT HH 5/16-24 X 1 NO.5
11	82-138-B-1	1	SPECIAL WASHER
12	360018	1	KEY FAN WHEEL
13	360008	1	HANDLE / SUPPORT BRACKET
14	715314	1	DECAL - WARNING
15	93-16	1	MUFFLER GUARD
16	715321	1	DECAL- HEARING PROTECTION
17	711505	1	WSR - FLAT 1/4
18	711544	1	WSR - HELICAL 1/4
19	713002	1	BLT HH 1/4-20 X .75 NO.5
20	712765	1	WSR FLAT .75 X 1.37 X .09
21	64-134-A	1	SPACER .75 X 1.43 X .25

HONDA 5.0 HP ENGINE ASSEMBLY



BILL OF MATERIAL			
ITEM	PART NO.	REQ'D	DESCRIPTION
1	360035	1	ENGINE - HONDA 5.0 HP
2	713030	2	BLT HH 5/16-18x1.75 NO. 5
3	711506	8	WSR-FLAT 5/16 ST PL
4	711374	4	NUT-NLOC 5/16-18
5	711508	1	WSR-FLAT .44 X 1.0 X .08
6	713033	2	BLT HH 5/16-18 X 2.5 NO.5
7	833744	4	BUSHING .5 X .75 X .40
8	60-516-20	4	BLT HH 5/16-24 x 1.25 NO.5
9	711545	1	WSR-HELICAL 5/16
10	60-516-24	1	BLT HH 5/16-24 x 1.50 NO.5
11	82-138-B-1	2	SPECIAL WASHER
12	360018	1	KEY FAN WHEEL
13	64-134-A	2	SPACER .75 X 1.43 X .25
14	715314	1	DECAL - WARNING
15	712765	2	WSR FLAT .75 X 1.37 X .09
16	715321	1	DECAL- HEARING PROTECTION
17	360030	1	SPACER PLATE
18	711565	4	WSR - EXTERNAL LOCK 5/16
19	360033	1	MUFFLER ASSEMBLY

LIMITED WARRANTY

The Parker Sweeper Company warrants to the original purchaser/user that this product is free from defects in workmanship and materials under normal use and service for a period of two years from date of purchase. In addition, Parker Sweeper Company will, at its option, honor labor warranty claims for the first 12 months from date of sale, provided such claims are submitted through and approved by factory authorized repair stations. Parker Sweeper Company will, at its option, repair or replace without charge, except for transportation costs, parts that fail under normal use and service when operated and maintained in accordance with the applicable operation and instruction manuals.

This warranty does not apply to normal wear, or to items whose life is dependent on their use and care, such as belts, cords, switches, hoses, rubber parts, electrical motor components or adjustments. Parts not manufactured by Parker Sweeper Company such as engines, batteries, battery chargers, hydraulic pumps, and tires are covered by and subject to the warranties and/or guarantees of their manufacturers. Please contact Parker Sweeper Company for procedures in warranty claims against these manufacturers.

Special warning to purchaser — Use of replacement filters and/or prefilters not manufactured by Parker Sweeper Company or its designated licensees, will void all warranties expressed or implied.

A potential health hazard exists without exact original equipment replacement.

All warranted items become the sole property of Parker Sweeper Company or its original manufacturer, whichever the case may be.

Parker Sweeper Company disclaims any implied warranty, including the warranty of merchantability and the warranty of fitness for a particular purpose. Parker Sweeper Company assumes no responsibility for any special, incidental or consequential damages.

This limited warranty is applicable only in the U.S.A. and Canada, and is extended only to the original user/purchaser of this product. Customers outside the U.S.A. and Canada should contact their local distributor for export warranty policies. Parker Sweeper Company is not responsible for costs or repairs performed by persons other than those specifically authorized by Parker Sweeper Company. This warranty does not apply to damage from transportation, alterations by unauthorized persons, misuse or abuse of the equipment, use of non-compatible chemicals, or damage to property, or loss of income due to malfunctions of the product.

If a difficulty develops with this machine, you should contact the dealer from whom it was purchased.

This warranty gives you specific legal rights, and you may have other rights, which vary from state to state. Some states do not allow the exclusion or limitation of special, incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above exclusions and limitations may not apply to you.



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