

Model: PV-0110BSP PV-9308HSP PV-0285KSP

Vac 35 Self Propelled

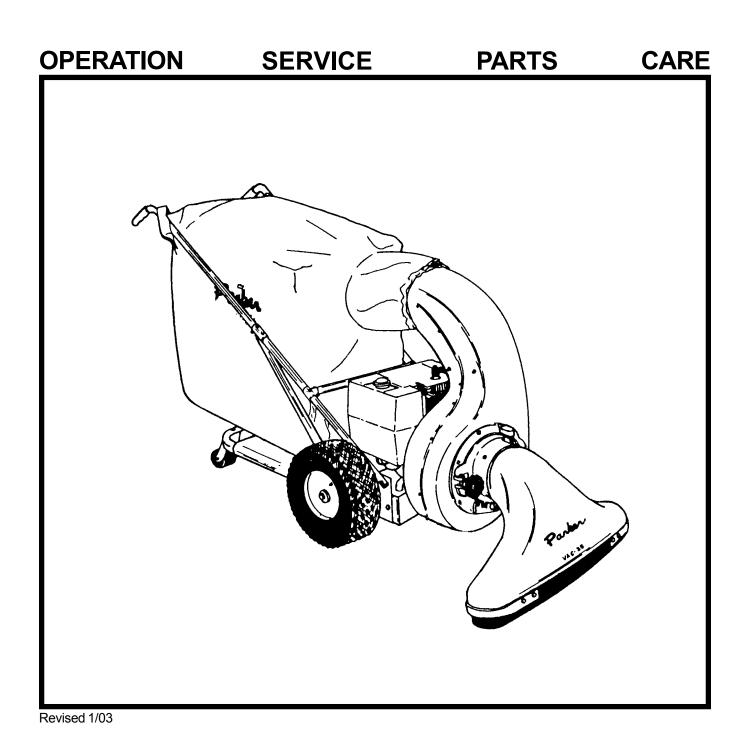


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EC Declaration of Conformity

according to Directives 89/392 and 89/336

We, Parker Sweeper Company, a division of Minuteman International Incorporated of 111 South Rohlwing Road Addison Illinois 60101 USA, declare under our sole responsibility that the products PV0165BT, PV0165BF, PV0285K-D, PV0285KF,PV8708HF, PV0110BT, PV0110BF, PV0285KT, PV0110BSP, PV9308HSP, PV0285KSP, PV0285KSPD, PV0285KSPR, PV0110BSPR, PV9308HSPR and 99-1117-00 Vac-35 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.

SOUN	D	VIBRATION							
96 dB Operator	85.5dB At 3m	At O	.015 m/s perators Handles						
Tests were conducted on 1/2	20/95 with calibrate	d sound and vibra	tion equipment under the						
onditions noted below: General Condition:	Cloudy	Wind:	8 km/hr						

Jeff Pollack, Standards Engineer

-9-03

Date

Form: EC056

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 blow any burning or smoldering materials such as cigars, cigarettes, ashes, or cinders.
- Do not blow areas that have been recently treated with fertilizers, pesticides, or herbicides. Follow chemical manufacturer's safety instructions regarding contact with treated areas.
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- Thoroughly inspect the areas where the equipment is going to be used, and remove all objects that may be a hazard when thrown.
- 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.
- Operate machine in daylight or good artificial light.
- Do not change the engine governor settings or overspeed the engine.

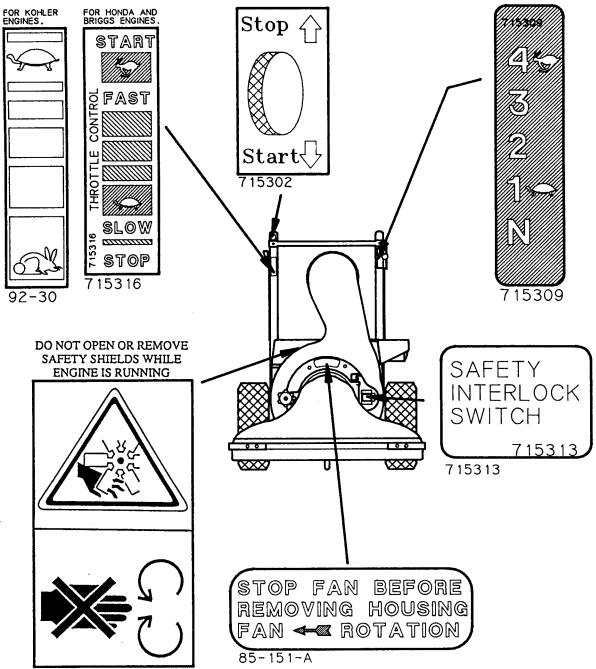
DANGER

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.
- Store fuel in containers specifically designed for these purposes.
- Replace faulty silencers or mufflers and muffler guards.
- Before using, visually inspect to see that the blade and blade bolts are not worn or damaged and, if needed, replace in sets.
- Do not start the engine when standing in front of the discharge chute.
- Drain fuel outdoors.

SAVE THESE INSTRUCTIONS

SAFETY DECALS



OPERATING INSTRUCTIONS READ SAFETY OPERATING INSTRUCTIONS BEFORE OPERATING EQUIPMENT

- 1. Heavy concentration of sand and gravel should 3. When Clean, Turn bag right side out and reattach be avoided. These materials are extremely abrasive, and while the VAC 35 will handle 4. Bag can be washed if extremely dirty. moderate amounts of these materials, it is not designed for heavy applications. Treat your VAC 35 with reasonable care and it will repay you with long, trouble-free service.
- 2. The VAC 35 will handle most common kinds of debris found around industrial plants, commercial buildings, homes, and farms. Acid contaminated materials, magnesium, dust, and other DANGEROUS DEBRIS that is considered 35.
- 3. The efficiency of this unit depends on the breathing capacity of the dust bag. Under extremely dusty conditions the bag should be emptied and cleaned frequently. Always empty and clean bag before storing after use. Debris allowed to remain in the bag may cause spontaneous combustion, resulting in an explosion or fire. See instructions supplied with dust bag.
- **DUST BAG CARE**
- 1. To clean dust bag, turn the bag inside out and and wire to help keep it operating smoothly. reattach to unit.
- 2. Start engine and run at full throttle. Lightly tap bag to release dirt trapped in the weave.

Clearing the Machine of Clogs and Jams

A clog or jam in the machine can cause the vacuuming operation to decrease or even stop completely. If this occurs, take the following steps:

- STOP THE ENGINE IMMEDIATELY and disconnect the spark plug wire from the spark plug. Wait for all moving parts to come to a complete stop.
- 2. Check (and clean, if necessary) the following areas in this order:
- Check that the collection bag is not overfilled. Remove and empty bag.
- While the bag is removed, check that the discharge deflector is not clogged or jammed. Use a stick to clear away any debris.
- Check that the vacuuming attachment is not clogged or jammed. Remove the attachment and thoroughly clean the opening. While the attachment is removed, check the inlet opening to the machine. Use a stick to clear away any debris.

Add a few drops of oil to the throttle control cable

- to unit.

TO START UNIT

IMPORTANT: Read the Engine Manuel CAREFULLY before operating the VAC 35. Before starting the engine read and understand the following:

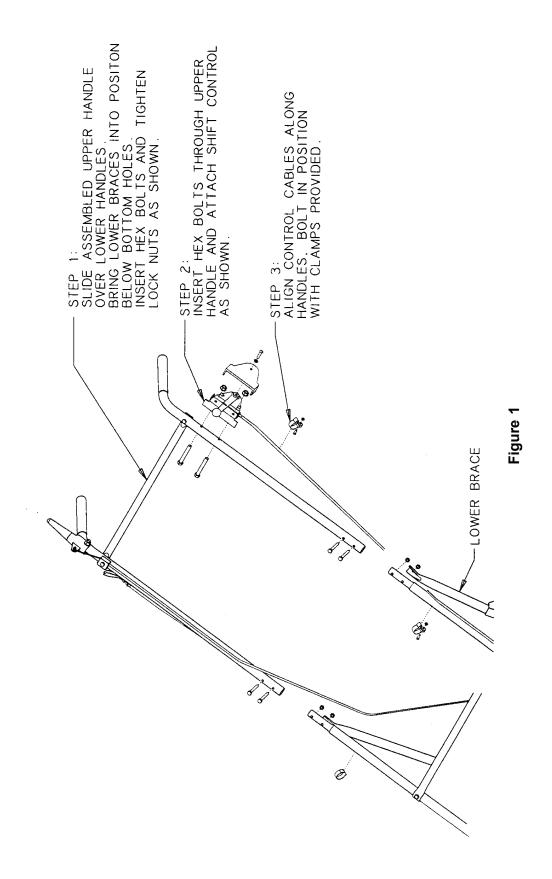
- 1. Be sure the engine crankcase is filled with the proper type and amount of oil.
- 2. Spin-Pak[®] is in place.
- 3. Dust bag or discharge hose is in place.
- hazardous should not be handled with the VAC 4. Intake housing or hose kit is attached to the fan housing.

TO STOP THE ENGINE

To stop the engine, Briggs & Stratton equipment, move the Engine Throttle Control to the STOP position. For Honda equipment, reduce engine speed to slow, turn engine STOP control to off on side of engine. Remove any hearing protection and listen for all moving parts to come to a complete stop.

LUBRICATION

HANDLE ASSEMBLY INSTRUCTIONS



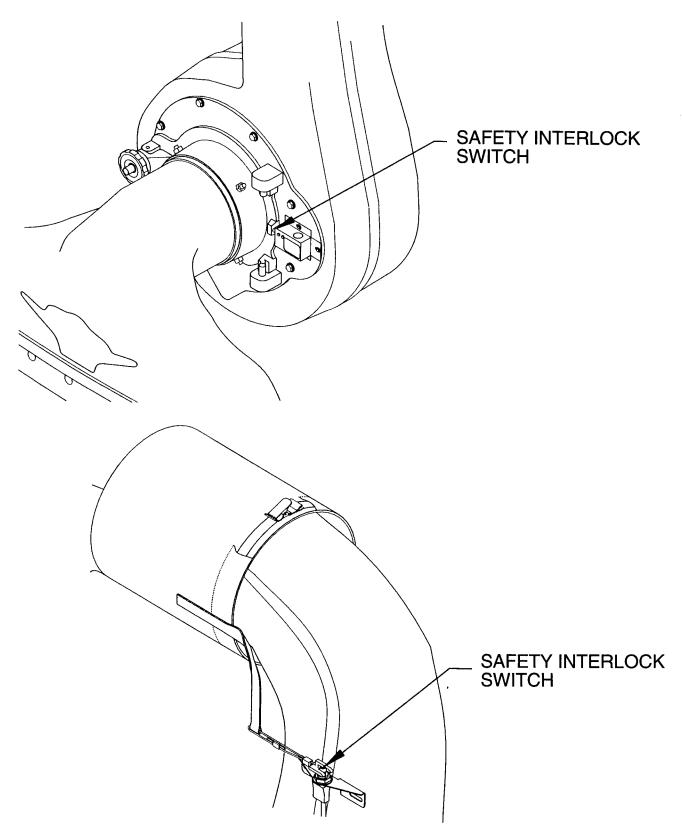
TRANSPORT DRIVE/PARKING BRAKE

Transport Drive

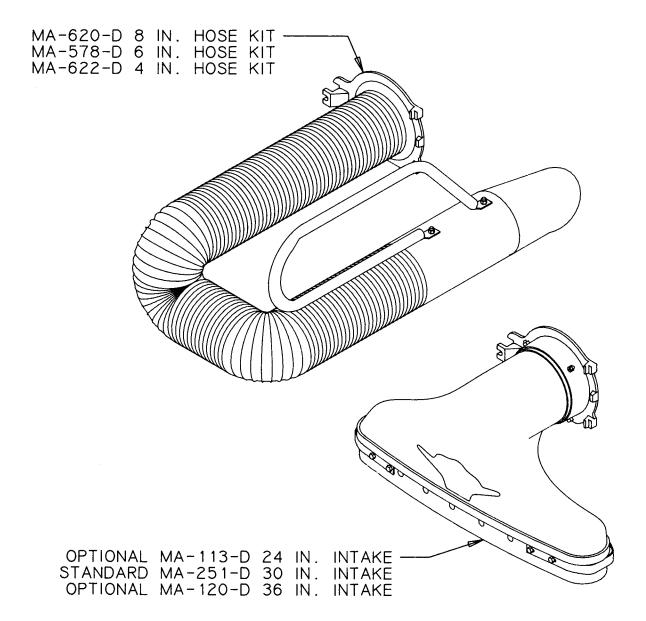
Operate the machine in a large, level, open area until you are familiar with its operation. Begin with speed No. 1 and gradually work up to speed No. 4. (Figure 1)
To avoid damaging the transmission, always release the Clutch Lever (Figure 2) and wait for the wheels to stop before shifting gears.
Forward momentum may cause the machine to gradually coast to a stop after the Wheel Drive is released (especially when in 3rd or 4th gear). Allow for this coasting distance when stopping the machine.
Engage the Clutch Lever slowly when starting off in 3rd or 4th gear. The machine may hesitate briefly before the wheels begin turning.
Shift to a lower forward gear if the wheel loses traction when going up a slope (always avoid excessively steep slopes). Before shifting, turn the machine sideways on the slope to prevent rolling of the machine and to relieve strain on the transaxle.
Never force the shift lever as damage may result.
If shifting is difficult, it may be necessary to manually move the machine a few inches forward or
backward while moving the shift lever.
Figure 1
Parking Brake Located on left side of machine. Lower handle section - parking brake should be used on level surfaces. The parking brake not intended to hold machine on slopes on inclines.

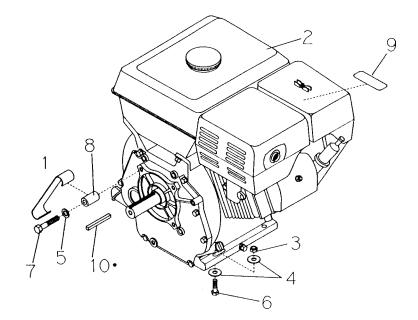
SAFETY INTERLOC SYSTEM

This equipment incorporates two safety interloc systems. Figure 1 below is for the front vacuum Housing Assembly. Figure 2 is for the Cloth Bag Assembly. Both interlocs must be engaged for engine to start.



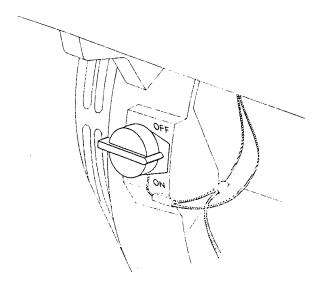
ACCESSORIES



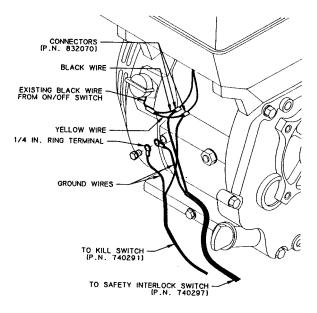


Item	Part No.	Qty.	Description
Item 1 2 3 4 5 6 7 8 9 10	Part No. 350112 350500 711380 711508 711546 713045 713047 350150 715314 74-112-A	Qty. 2 1 4 8 4 4 4 4 1 1	Finger Guard 8 HP Honda Engine 3/8-16 Nyloc Nut .44 x 1.00 Flatwasher 3/8 Helical Washer 3/8-16 x 1.75 Hex Bolt (Grd. 5) 3/8-16 x 2.25 Hex bolt (Grd. 5) .406 x .75 x 1.38 Spacer Muffler Decal
10	350120 350186	1 1 1	1/4 x 1/4 x 2 1/2 Key Engine Pulley Rope Guide

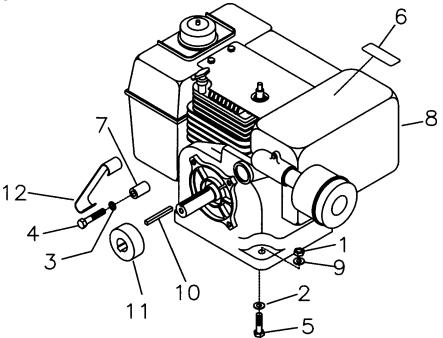
ENGINE ON/OFF SWITCH



SAFETY INTERLOC WIRING DIAGRAM



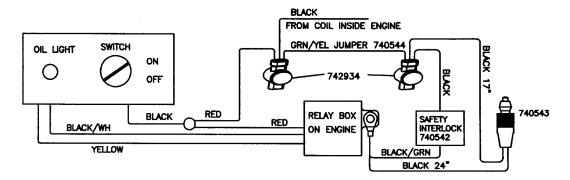
KOHLER 8.5 HP

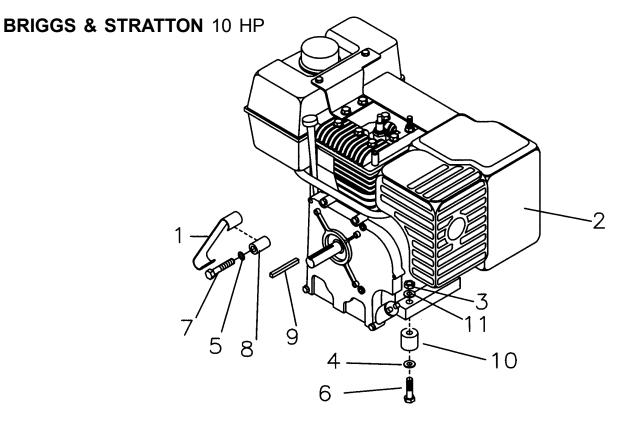


PARTS LIST

Item	Part No.	Qty.	Description
1	711380	4	3/8-16 Nyloc Nut
2	711508	4	.44 x 1.00 x .06 Flat WSR
3	711546	4	WSR-Helical 3/8
4	713047	4	BLT-HH 3/8-16 x 2.25 #5
5	713046	4	BLT-HH 3/8-16 x 2.00 #5
6	715314	1	Muffler Decal
7	350150	4	Spacer, .406 x .75 x 1.38
8	350603	1	Engine 8.5 HP Kohler
9	711515	4	WSR-Flat .44 x .87 x .07
10	74-112-A	1	Key, 1/4 x 1/4 x 2 1/2
11	81-61-A	2	Engine Pulley
12	350112	2	Finger Guard

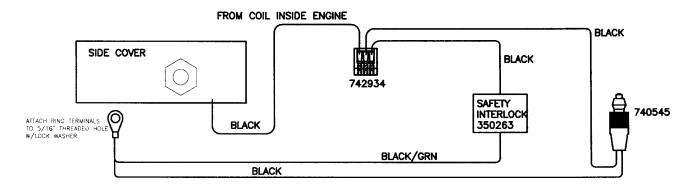
SAFETY INTERLOC WIRING DIAGRAM KOHLER 8.5 HP



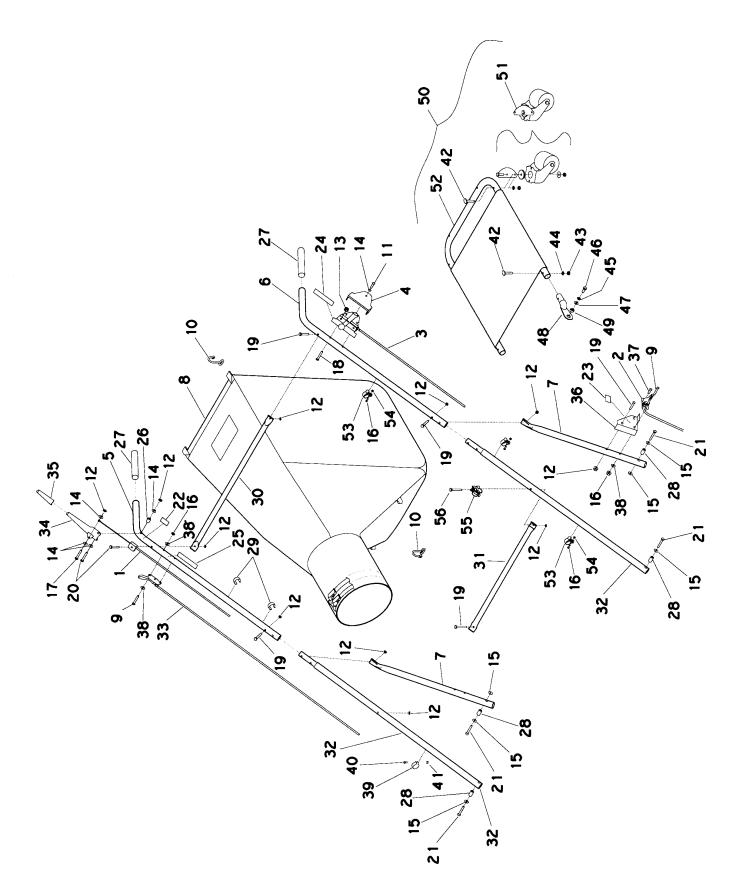


ltem	Part No.	Qty.	Description
1	350112	2	Finger Guard
2	350602	1	10 HP Briggs & Stratton IP Engine
3	711374	4	5/16-18 Nyloc Nut
4	711507	4	WSR-Flat .37 x 1.12 x .06
5	711546	4	3/8 Helical Washer
6	713034	4	5/16-18 x 2-3/4 Bolt (Grd. 5) Briggs Only
7	713047	4	3/8-16 x 2.25 Hex Bolt (Grd. 5)
8	350150	4	.406 x .75 x 1.375 Spacer
9	74-112-A	1	1/4 x 1/4 x 2 1/2 Key
10	232319	4	Spacer, .375 x 1.125 x 1.078
11	711515	4	WSR-Flat .406 x .812 x .063

SAFETY INTERLOC WIRING DIAGRAM BRIGGS & STRATTON

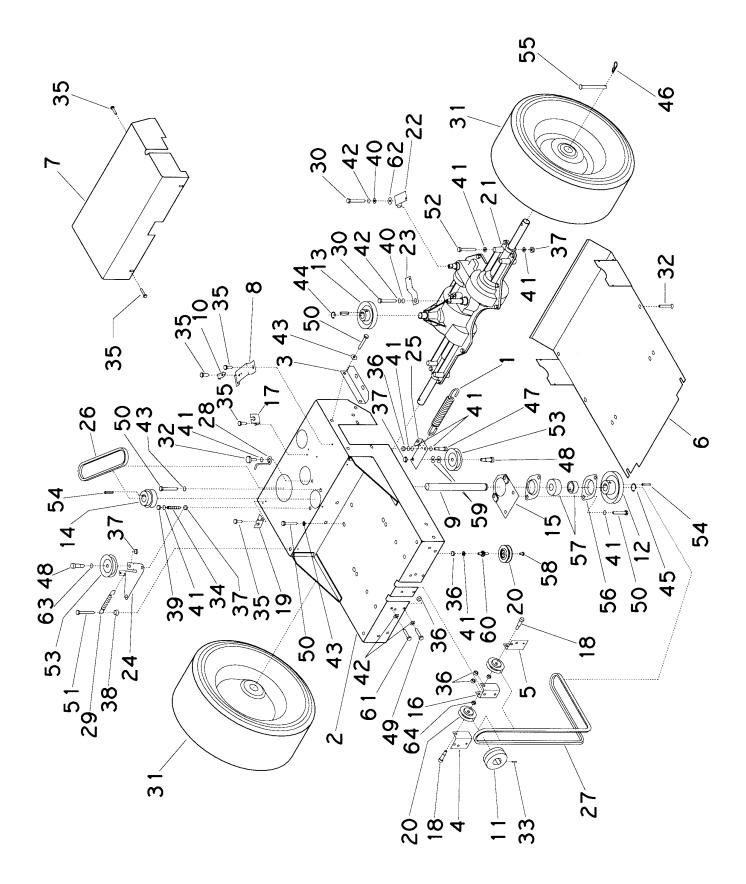


TRACTION/FRAME ASSEMBLY



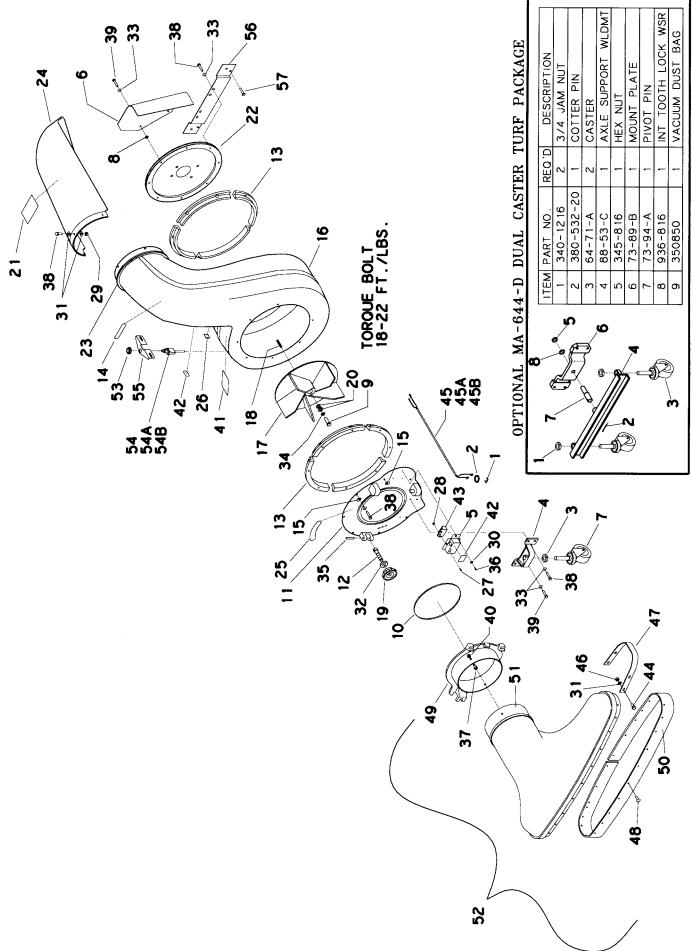
Description	Snap Mount	Crossbar Upper	Crossbar Brace	Middle Handle	Throttle Control Assembly	Clutch Grip Machined	Grip Clutch Handle	Brake Cable Mounting Bracket	SCR-MC 10-24 x .50 STPL	WSR-Flat #10	Clamp 1/32 x 3/8 x 4 1/1	SCR-MC 8-32 x .62 ST NI	Nut-Nyloc 8-32	BLT-CONT HD 1/4-20 x 1.5	Nut-Hex 1/4-20 ST PL	WSR-Helical 1/4	WSR-Helical 5/16	BLT-HH 5/16-18 x 1 #5	WSR-Special	Tubing End Cap	Spacer	Bag Platform	Caster and Plate Assembly	Frame and Platform Assembly	Clamp	SCR-MC 10-24 x .50 STDL	Rope Guide	Bolt-HH 1/4-20 x 2 1/4 #5
Qty.	б	~	~	2	~	~	~	~	~	വ	~	~	~	9	9	9	2	2	2	2	2	~	~	~	~	ო	~	~
Part No.	80-276-A	81-04-B	81-58-B	82-242-B	83-25-B-54	83-30-B	83-31-B	350114	712811	711503	86-59-B	710130	711372	69-416-24	711316	711544	711545	713027	76-36-A	81-116-A	81-120-A	MA-471-D	SA-1021-B	SA-1023-C	350174	712811	350186	713008
ltem	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
Description	Clutch Cable Assembly	Brake Cable Assembly	Transmission Shifter Cab	Plastic Cover Shifter	Upper Handle Right	Upper Handle Left	Support Brace Lower	Bag Assembly	SCR-RD HD 10/24 x 1 1/2	Bag Hook	SCR-MC 1/4-20 x .50 STPL	Nut- Nyloc 1/4-20	Nut-Lock 1/4-20	WSR-Flat 1/4	WSR-Flat 5/16 STPL	Nut-Hex 10/24 SS Nyloc	BLT-HH 1/4-20 x 1 #5	BLT-HH 1/4 -20 x 1 1/4 #5	BLT-HH 1/4-20 × 1 1/2 #5	BLT-HH 1/4-20 x 2 #5	BLT-HH 5/16-18 x 1 1/2 #5	Decal Clutch Engage	Decal Parking Brake	Decal Shift Position	Decal Throttle Control	Spacer	Handle Grip, Red	Insert Bushing Handle
Qty.	~	~	-	~	~	~	2	~	ო	4	~	7	2	5	9	7	-	2	ω	2	4	-	-	~	~	2	2	4
Part No.	350124	350125	350126	350143	350144	350145	350147	350800	515-10-24	63-304-A	710178	711373	711377	711505	711506	712638	713003	713004	713005	713007	713029	715302	715308	715309	715316	80-225-A	80-232-A	80-238-A
ltem	~	2	ო	4	S	9	7	ø	ი	10	7	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28

TRACTION /FRAME ASSEMBLY



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v. Description	SCR-SK 1/4-20 x .50	-		Nut-Nyloc 1/4-20	Nut-Nyloc 5/16-18	Nut-Flanged Wizz 5/16-18		WSR-Flat 1/4	5 WSR-Flat 5/16 STPL	WSR-Helical 1/4	WSR-Helical 5/16	Retaining Ring - Ext .62	Retaining Ring - Ext .75	Cotter Pin- Hair #13	BLT-SDER 1/4-20 x .44 x .37	BLT-SDR 5/16-18 x .75 x .375	BLT-HH 1/4-20 x 1/2 #5	BLT-HH 5/16-18 x 1 #5	BLT-HH 5/16-18 x 2 1/2 #5	BLT-HH 5/16-18 x 2 3/4 #5	Pulley	Key, .187 x 3/4	Clevis Pin	Bearing Flange	Bearing	SCR-MC 10-24 x .37 SS	Wave Washer	Pulley Stud	BLT-HH 1/4-20 x 3/4	WSR-Plastic	WSR-Flat	Spacer
Qty.	~	-	÷	Q	~	-	-	က	15	œ	~	-	-	2	-	2	4	ດ	~	4	N	2	N	4	2	-	2	-	2	-	-	N
Part No.	711016	711047	711124	711373	711374	711379	711383	711505	711506	711544	711545	711714	711715	711808	712041	712081	713000	713027	713033	713034	76-456-A	762375	80-44-A	340742	881059	712540	711523	350187	713002	711592	711507	82-135-A
ltem	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64
Description	Return Spring	Main Frame	Transmission Mounting Bracket	Bracket Pulley LH	Bracket Pulley RH	Cover Base	Clutch Cover Top	Cable Mounting Bracket	Drive Shaft 3/4	Conduit Clip	Pulley Motor	Pulley 3.5 x 3/4	Pulley 3" x 5/8 Bore	Pulley 2" x 3/4 Ax20x3/4	Bearing Bracket	Pulley Bracket Center	Mounting Bracket Shifter	Shoulder Screw	Clutch Cable Mounting Bracket	Idler Pulley Assembly	Transmission w/Brake	Brake Lever	Transmission Shift Lever	Idler Pulley Bracket Clutch	Tensioner Engine Drive	Belt Goodyear 3L200	Belt Goodyear 3L520	Belt Popper	Clutch Return Spring	BLT-H 1/4-28 x 5/8 #5	Wheel Assembly	BLT-ST 1/4-20 X 5/8
Qty.	~	-	2	-	~	~	-	~	~	~	~	-	-	-	~	~	~	2	~	ო	~	-	-	-	~	-	-	~	~	2	2	o
Part No.	210035	350100	350106	350108	350109	350110	350111	350113	350115	350119	350120	350121	350122	350123	350133	350134	350142	350146	350151	350166	350300	350301	350302	350303	350304	350305	350306	350307	350308	60-416-10	68-310-B	72-416-10
ltem	~	0	ო	4	S	9	7	œ	ი	10	5	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32



Description	1/2 Flatwasher	1/4 Lockwasher	Belleville Washer	Spring Pin	10-24 x .62 MCH Screw	1/4-20 x .63 Hex Bolt	1/4-20 x 1.00 Hex Bolt	1/4-20 x 1.25 Hex Bolt	1/4-20 Serrated Hex Lock Nut	Warning Decal	Safety Interlock Decal	Gray Safety Switch	1/4-20 x .75 Hex Bolt	Wire Lead (Briggs)	Wire Lead (Kohler)	Wire Lead (Honda)	1/4-20 Lock Nut	Guard	Xmas Tree Fastener	Collar	Skirt (24" intake)	Skirt (30" intake)	Skirt (36" intake)	24" Intake Housing	30" Intake Housing	36" Intake Housing	24" Intake	30" Intake	36" Intake	Switch Nut	Safety Switch (Briggs)
o. Qty.	~	18	~	~	с С	4	4	4	6 4	-	2		8		~	~	00	0 0	-A 15	- -	- -	-	-	← Ļ	~	-	-D -D	1-D 1	-D 1		~
Part No. Qty.	711509	711544	350242	711661	712810	713001	713003	713004	369-416	715300	715313	740282	713002	740284	740288	740291	711377	62-98-C	80-332-A	63-195-D	73-76-C	73-67-D	73-74-D	65-567-F	77-18-F	MA-121	MA-113-D	MA-251-D	MA-120-D	350135	740283
ltem	32	33	34	35	36	37	38	39	40	41	42	43	44	45	45A	45B	46	47	48	49	50	50A	50B	51	51A	51B	52	52A	52B	53	54
Description	Strain Relief	Rubber Grommet	Hex Jam Nut	Caster Bracket	Switch Bracket	Heat Shield	Stem Type Caster	Spacer	7/16-20 x 1.25 Hex Bolt (Grd. 5)	O-Ring Gasket	Front Plate	Pivot Bolt	Anti-Wrap Segment	Spin Pak Decal	Cable Clip	Housing Assembly	Fan Wheel, 8 HP	1/4 x 2.50 Fan Key	Adjusting Knob	7/16 Flatwasher	Caution Decal	Back Plate and Gasket	Retaining Ring	Spin-Pak® Deflector	Warning Decal	Cord Clip	8-32 x .62 MCH Screw	8-32 Nyloc Nut	1/4-20 Nyloc Nut	#10 Washer	1/4 Flatwasher
Part No. Qty.	00028 1	101008 1	340-1216 1	66-430-C 1	350130 1	350132 1	64-71-A 1	54-227-A 2	60-716-20 1	63-190-A 1	63-191-D 1	63-192-A 1	64-78-C 8	67-08-A 1	78-120-A 2	70-103-F 1	72-175-D 1	74-112-A 1	80-29-A 1	82-138-B-32	715318 1	84-372-C 1	85-59-C 1	85-61-D 1	85-151-A 1	809443 1	710130 2	711372 2	711373 4	711503 3	11505 16
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LIMITED WARRANTY

Minuteman International, Inc. 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, Minuteman International, Inc. 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. Minuteman International, Inc. 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 Minuteman International, Inc. 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 Minuteman International, Inc. for procedures in warranty claims against these manufacturers.

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

A potential health hazard exists without exact original equipment replacement.

All warranteed items become the sole property of Minuteman International, Inc. or its original manufacturer, whichever the case may be.

Minuteman International, Inc. disclaims any implied warranty, including the warranty of merchantability and the warranty of fitness for a particular purpose. Minuteman International, Inc. 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. Minuteman International, Inc. is not responsible for costs or repairs performed by persons other than those specifically authorized by Minuteman International, Inc. 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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