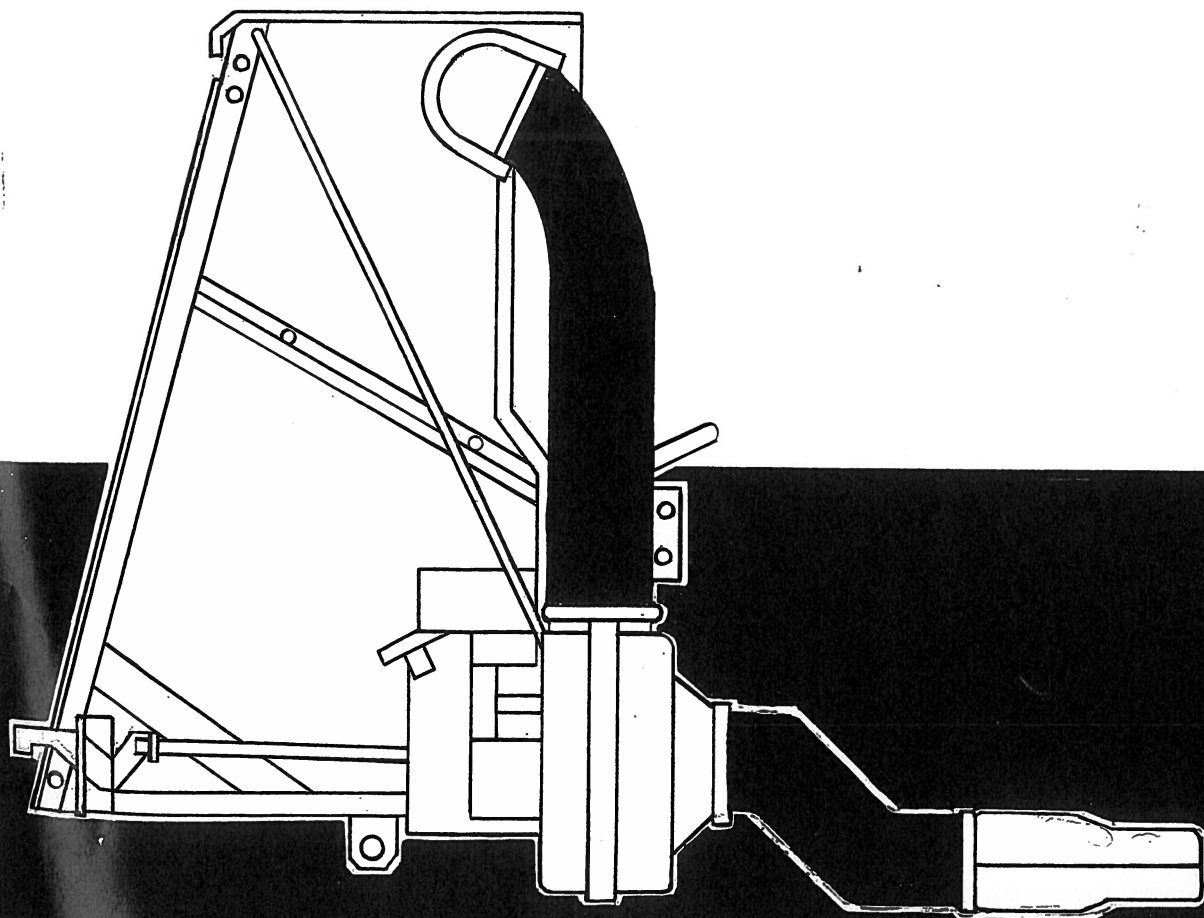


PeCo®

OWNERS MANUAL

For PeCo Lawn Vacs
Model 007522-01 C.L.V.



Congratulations

Congratulations on your purchase of a PeCo product. It has been designed, engineered and manufactured to give you dependability and performance. Should you experience any problem you cannot easily remedy, please contact PeCo, Inc. They have competent, well trained technicians and the proper tools and parts to service or repair this unit.

Please read and retain this manual. The instructions will enable you to assemble, operate and maintain your attachment properly. Always observe the Safety Instructions.

PeCo Limited Warranty For New Products

A. WHAT IS WARRANTED?

PeCo extends the following warranties to the original purchaser of each new PeCo consumer product subject to the following limitations:

1. PRODUCT WARRANTY.

Any part of any consumer product, which is defective in material or workmanship as delivered to the purchaser will be repaired or replaced, as PeCo elects, without charge for parts or labor, if the defect appears within 12 months from the date of delivery of the product to the original purchaser. **ALL DEFECTIVE PARTS MUST BE RETURNED TO PECO FOR INSPECTION TO DETERMINE VALIDITY OF WARRANTY CLAIMS.** Freight and mailing charges will be borne by the customer.

PARTS REPLACED DURING WARRANTY.

Any new PeCo part which is furnished in performance of this warranty and is defective in material or workmanship as delivered to the purchaser will be repaired or replaced, as PeCo elects, without charge if the defect appears within 90 days from the date of installation of such part or before the expiration of the original warranty period, whichever is later.

B. SECURING WARRANTY ADJUSTMENTS.

Damaged or broken parts other than engines or batteries, must be returned to PeCo, Inc., P.O. Box 1197, Arden, NC 28704, before any warranty adjustment can be authorized. At the time of requesting warranty adjustment, the purchaser must present evidence of the date of delivery of the product. The purchaser shall pay any charge for transporting the product to and from Arden, N.C.

C. ITEMS NOT COVERED BY PECO WARRANTY.

Engines and batteries attached to PeCo products are covered under a separate warranty by the respective manufacturer.

D. UNAPPROVED ALTERATION OR MODIFICATION.

All obligations of PeCo, Inc. under this warranty shall be terminated if products are altered or modified in ways not approved by PeCo, Inc.

E. ACCIDENTS AND NORMAL MAINTENANCE.

The warranty covers only defective material and workmanship. It does not cover depreciation or damage caused by normal wear, accident, improper use or abuse of products. The cost of normal maintenance and normal replacement of service items such as belts, cutting blades, hoses, etc., which are not defective shall be paid for by the purchaser.

F. NO REPRESENTATIONS - ADDITIONAL WARRANTIES.

Neither PeCo, Inc. nor any company affiliated with it makes any warranties, representations or promises as to the quality of performance of its products other than those set forth herein. **Except as described above, PeCo, Inc. makes no other warranties AND SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF FITNESS AND MERCHANTABILITY.**

G. ANY MACHINE USED FOR RENTAL OR COMMERCIAL PURPOSES ARE GUARANTEED FOR 45 DAYS FROM DATE OF ORIGINAL SALE ONLY.

H. REMEDIED EXCLUSIVE.

THE ONLY REMEDIES THE PURCHASER HAS IN CONNECTION WITH THE BREACH OR PERFORMANCE OF ANY WARRANTY ON PECO, INC. CONSUMER PRODUCTS, ARE THOSE SET FORTH ABOVE. IN NO EVENT WILL PECO BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

I. NO DEALER WARRANTY.

The selling dealer makes no warranty on his own or any item warranted by PeCo, Inc. unless he delivers to purchaser a separate written warranty certificate specifically warranting the item. The dealer has no authority to make any representation or promise on behalf of PeCo or to modify the terms of limitations of this warranty in any way.

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SAFETY INSTRUCTIONS

Recommended by Outdoor Power Equipment Institute

WARNING TO PURCHASERS OF INTERNAL COMBUSTION ENGINE EQUIPPED MACHINERY OR DEVICES IN THE STATE OF CALIFORNIA:

The equipment which you have purchased does not have a spark arrester muffler. If this equipment is to be used on any forest covered and brush covered land or grass covered un-improved land in the state of California, the law required that a spark arrester muffler be installed and be in effective working order. The spark arrester must be attached to the exhaust system and comply with Section 4442 of the California Public Resources Code.

1. Read the owner's manual carefully and familiarize yourself with the proper use of your attachment. Do not allow anyone who is not acquainted with the Safety Instructions to use your attachment.
2. Know the controls and how to stop quickly. **READ THE OWNER'S MANUAL.**
3. Do not allow children to operate the vehicle. Do not allow adults to operate it without proper instruction.
4. Be especially watchful of children and pets darting into the area while operating.
5. Keep your eyes and mind on your tractor while mowing or operating your attachment. Don't let others distract you.
6. Do not attempt to operate your tractor or mower when not in the drivers seat.
7. Always stop Vac engine when emptying the container. This will prevent grass clippings or debris from being blown in your eyes.
8. Stop tractor and vac engines and remove spark plug wire before removing or replacing hose, boot, blower cone or performing any maintenance.
9. Mow up and down the face of slopes (not steeper than 10°); never across the face of the slope.
10. It is recommended that the container be kept only half full when negotiating any slopes. Start mowing on slopes when the container is empty.
11. Inspect your lawn and remove any foreign objects before mowing. Never deliberately run mower across any foreign objects.

WARNING

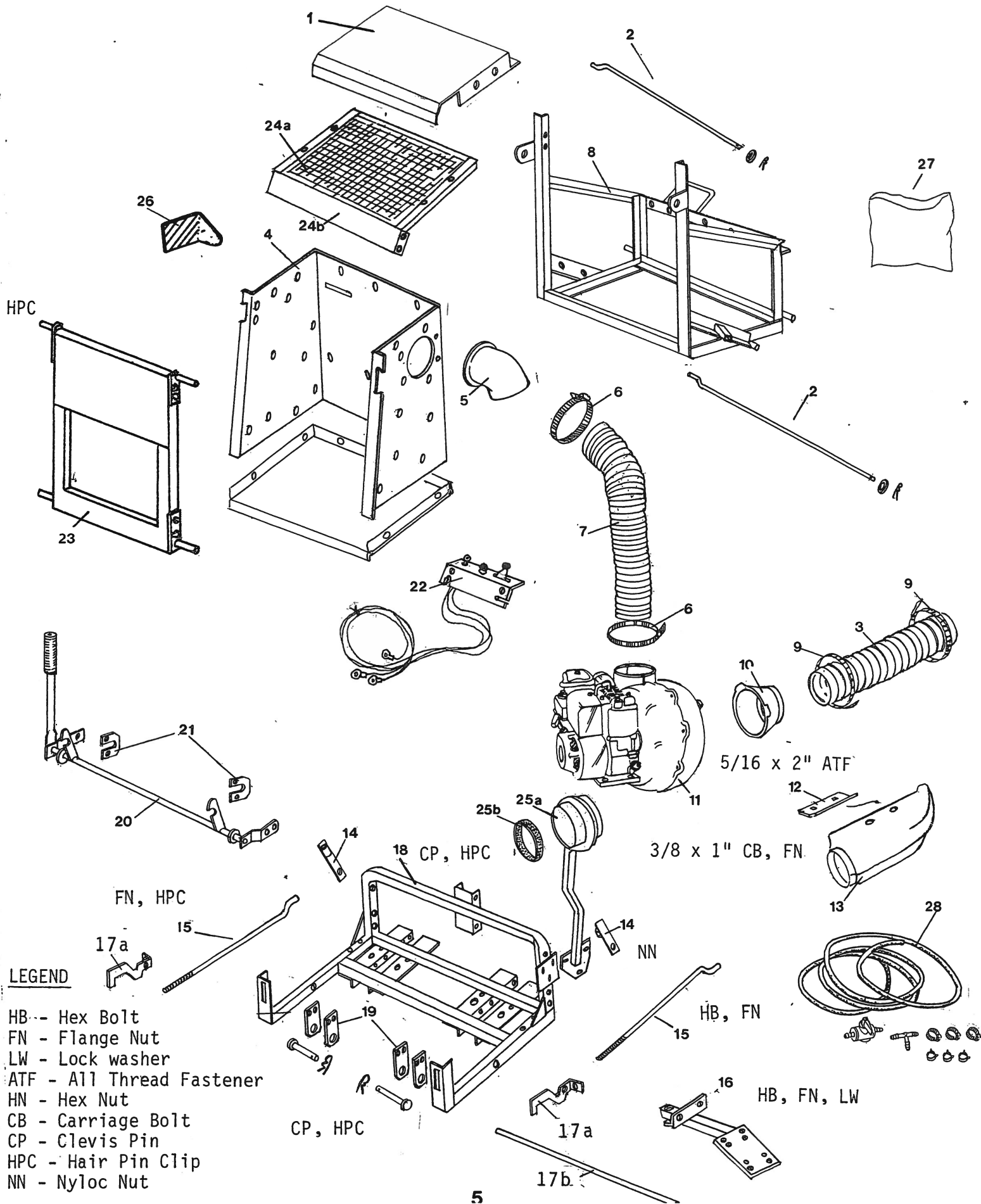


This symbol marks important instructions relating to your personal safety. To avoid the possibility of injury, read and follow such instructions carefully.

PARTS LIST FOR MODEL #7522-01

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	C1167	Aluminum Top	1
2	A0476	Door Tension Rod	2
3	F3006	Lower Flex Hose 8" x 54"	1
4	A0163	Aluminum Box Assembly	1
5	V1054	Molded Box Inlet	1
6	J6006	Hose Clamp 7"	2
7	F2004	Upper Flex Hose 7" x 32"	1
8	A0135	Box Frame	1
9	J6009	Hose Clamp 8"	2
10	---	Blower Cone (specify size)	1
11	A615	8hp Engine/Blower/Blade Assembly	
	A620	6hp Engine/Blower/Blade Assembly	
	D5003	Engine (8hp Briggs & Stratton)	
	D9001	Engine (6hp Yanmar -diesel)	
	E5007A	Blower Housing (6hp & 8hp)	
	A0639	Impeller & Hardware (6hp & 8hp)	
12	A0850	Boot Clamp Kit	1
13	---	Boot (Specify Deck Size)	1
14	A0360	Door Rod Pivots	2
15	A0366	Tension Rod Assembly	1
16	A0232	Engine Mount Assembly	1
17A	B1418	Latch	2
17B	B4274	Pivot Rod	1
18	A0090	Base Frame	1
19	B1180	Lower Link Plates	4
20	A0492	Latch Assembly	1
21	B1172	Latch Clamp	2
22	X3005	Engine Control Assembly	1
23	A0191	Door Assembly	1
24A	B8131	Filter Screen	1
24B	A0953	Screen Frame Assembly	1
25A	A0415	Inlet Upright Assembly	1
25B	J0507	Foam Ring	1
26	C1184	Fill Gauge	1
27	A0844	Hardware Bag	1
28	A0879	Fuel Line Kit (6hp & 8hp)	1

EXPLODED VIEW 007522-01



ASSEMBLY INSTRUCTIONS FOR MODEL 7522-01

Step 1. Fig. 1.

To accomodate the lawn vac, adjust lower lift links of 3 point hitch. Measure from left to left base frame plates (A) or right to right base frame plates (B) to find the center of distance. Adjust 3 point hitch lower lift links to this distance.

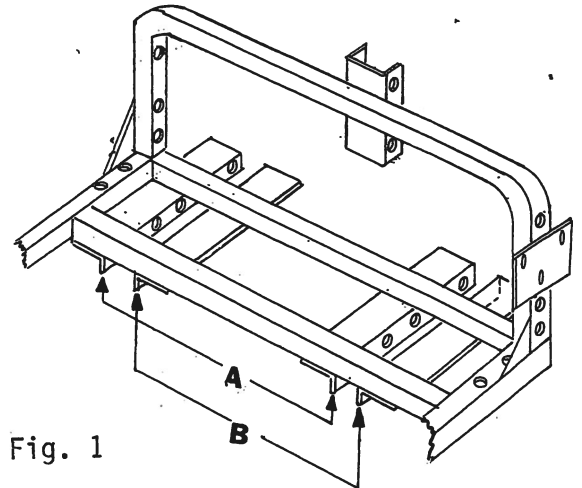
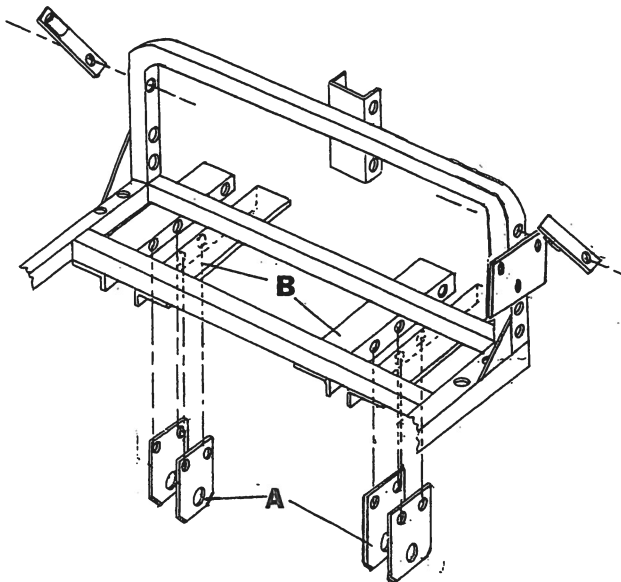


Fig. 1



Step 2. Fig. 2.

Align holes on bottom hitch tabs (A) to the two middle holes on the base frame plates (B). Secure with hex bolts and flange nuts.

Step 3a. Fig. 3a.

Slip lower link sockets (A) inside hitch tabs (B) of lower cross member. Insert clevis pins (C) and secure with hairpin clips.

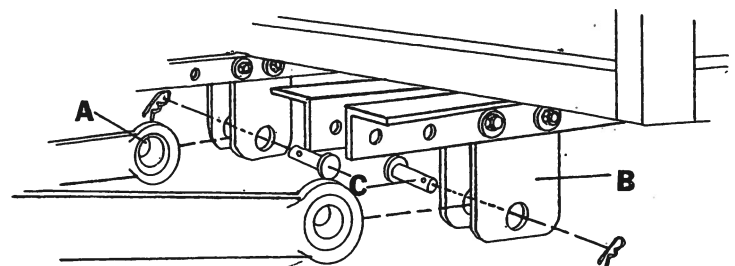


Fig. 3a

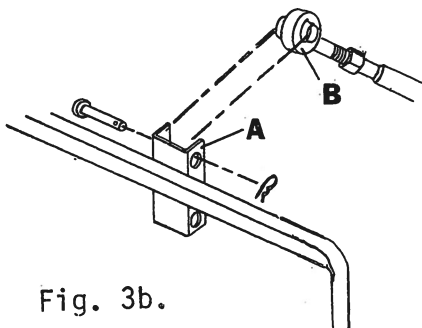


Fig. 3b.

Step 3b. Fig. 3b.

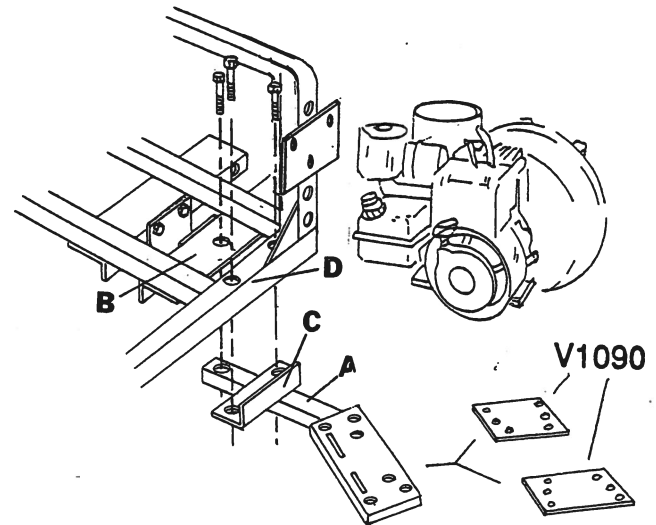
Raise box until link plate (A) links up with top link (B). Secure with clevis pin and hairpin clip.

Step 4. Fig. 4.

Place engine mount plate (A) up to and under base frame leg. Align hole on end of engine mount with hole on top of base frame hitch plate (B). Secure with hex bolt and flange nut. Align holes on angle bar (C) with holes on base frame leg (D). Secure with hex bolts, lockwashers and hex nuts.

Place rubber shock absorbers (V1090) onto engine mount plate and align holes (sandwich between mount plate and base of engine).

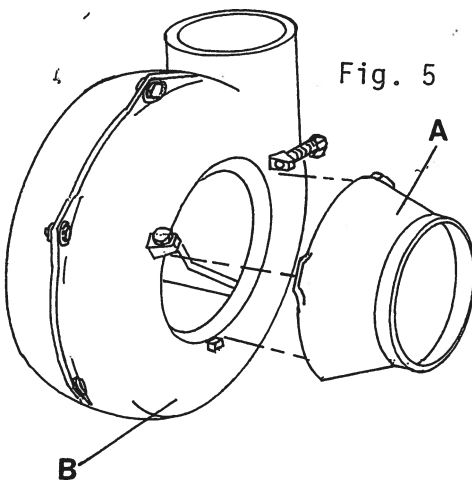
CAUTION! Failure to keep lock ring and muffler nipple tight may result in engine damage. Failure to keep impeller bolt tight may result in either engine damage, housing damage or impeller damage, or all of the above. **CHECK BEFORE EACH USE!**



WARNING! When working on engine - disconnect power supply!

Step 5. Fig. 5.

Place blower cone (A) to blower assembly (B) as shown. Position cone so that its bottom edge rests on the raised tab at the front of the blower. The ears on the cone should fit underneath the two threaded bosses on the blower face. Secure with two 5/16 x 2" all thread fasteners.



Step 6A. Fig. 6A.

Place inlet mount plate (A) against the plate on base frame (B). Align the slots and secure with three 3/8 x 1" carriage bolts and flange nuts.

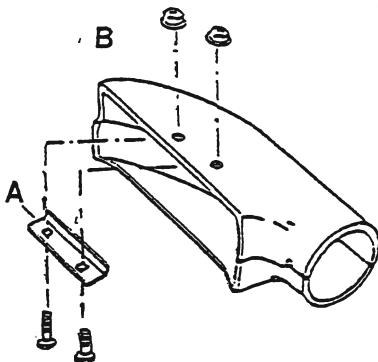
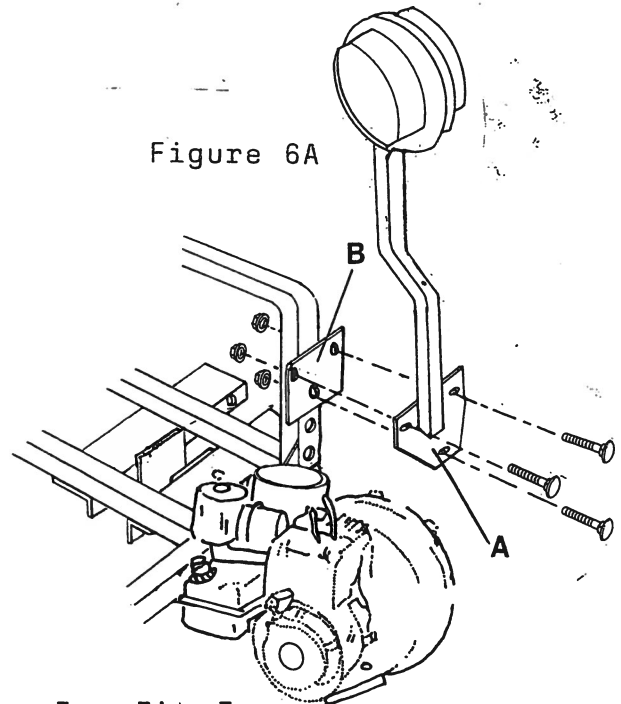


Figure 6A



Step 7. Fig. 7.

Attach boot clamp (A) to boot (B) using two 3/8 x 1" carriage bolts and flange nuts. Start but do not tighten.

Step 8. Fig. 8.

Place boot (A) with clamp assembled, over end of mower deck (B). Top of mower deck fits between clamp and top of boot. Push boot fully onto deck and forward until bolts are snug against deck end. Tighten nuts.

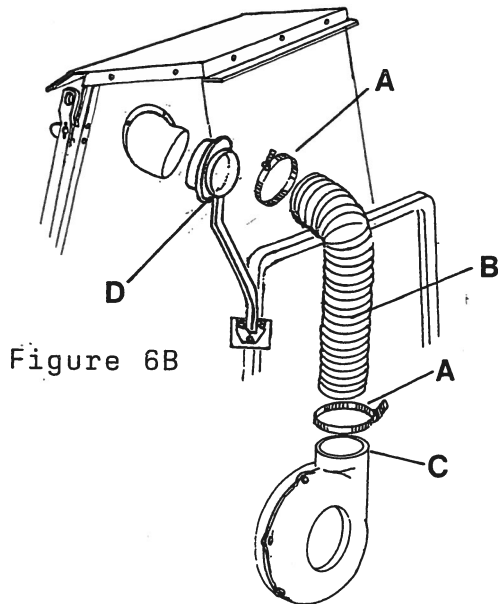
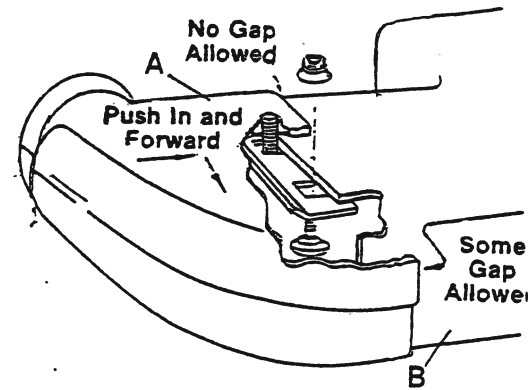


Figure 6B



Attach hose clamp (A) over each end of upper flex hose (B). Attach one end of hose over blower housing (C). Tighten clamp. Slide the other end of hose over inlet ring (D) with no more than 2" excess hose. If necessary trim excess and fit each end of hose with a clamp. Tighten securely.

Step 9. Fig. 9.

Place lower hose clamp (A) over each end of the lower flex hose (B). Attach one end of hose to blower cone (C). Tighten clamp. Slide the other end of hose over the boot (D). Tighten clamp.

Fig. 9

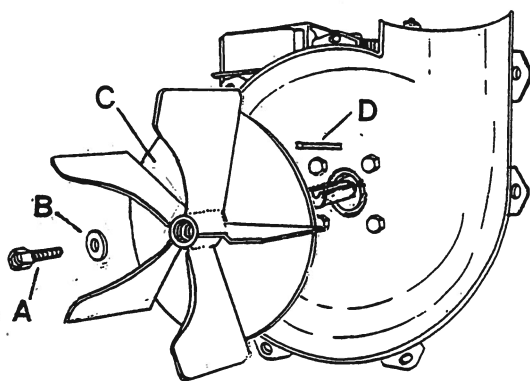
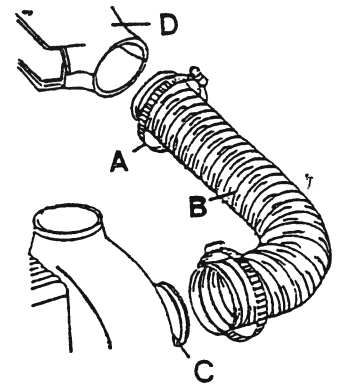


Fig. 10

Fig. 10.

For blower blade replacement, loosen the all thread cone bolts and remove blower cone and hose. Remove side bolts from blower and remove front cover. Remove blower bolt (A) and washer (B) from engine shaft. Remove blower blade by using a "puller". Drop a 1/4" hex nut down the engine shaft and remove blade by screwing a 5/8 x 2" coarse thread hex bolt into engine shaft. The "puller" will lift blades away from engine shaft. Remove blade (C). Replace key from engine shaft (D) and slide new blade onto shaft. Replace washer and blower bolt with Loc-tite®. Re-tighten to 35-40 ft. lbs.

FOR DOOR ROD PIVOT INSTALLATION:

Fig. 11.

Place straight end of tension rod (A) through the bushing on door pivot (B). Secure with a roll pin.

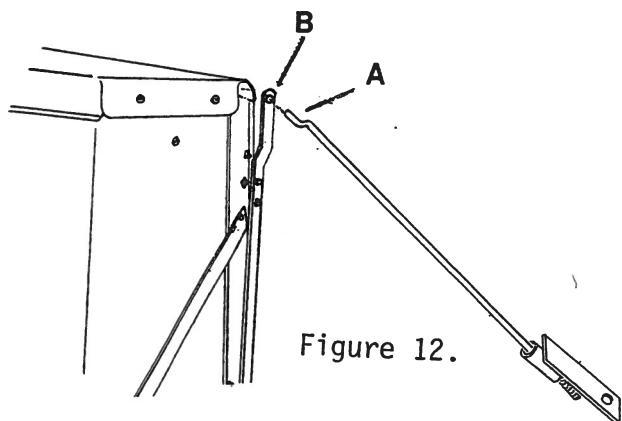


Figure 11:

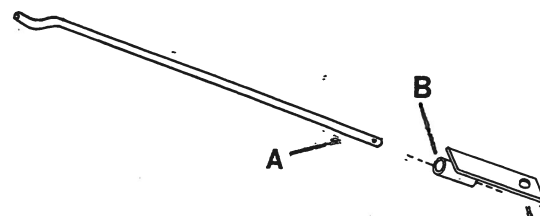


Fig. 12.

Insert the bent end of the tension rod (A) into the hole in door rail (B).

Figure 13

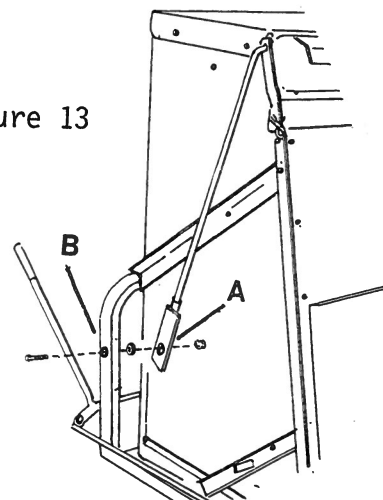


Fig. 13.

Then bring the tension rod down aligning the hole in the door pivot (A) with the hole in the base frame (B). Secure with 3/8 x 2 1/4" hex bolt, flat washer, and nyloc nut.

Figure 14.

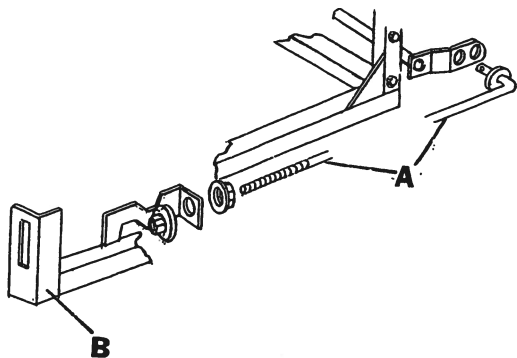
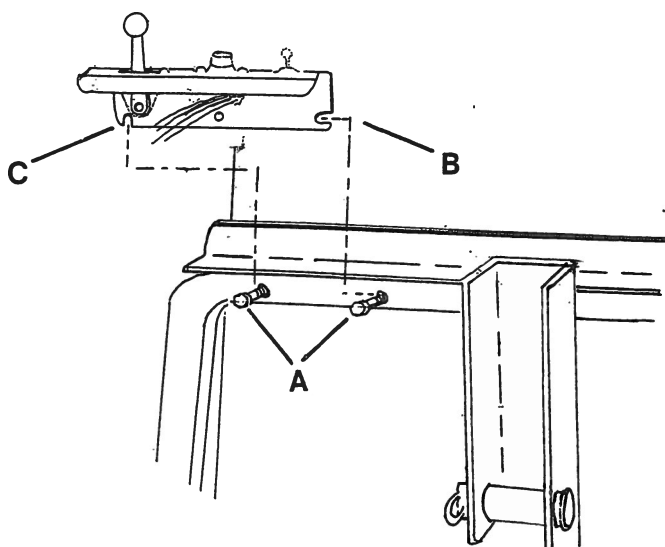


Fig. 14.

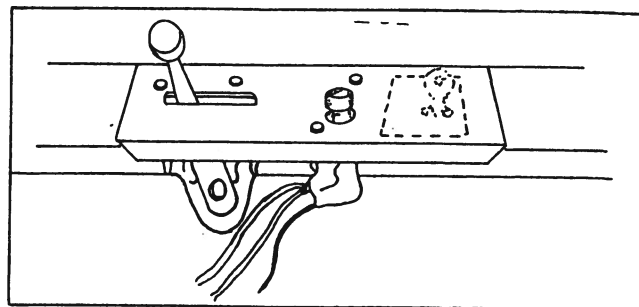
For Door Adjustment

Thread a flange nut 3/4th way up door rod (A). Place threaded end of door rod through hole in latch hook (B). Secure loosely with a flange nut. Place bent end of door rod to second hole on latch assembly tab (C). Secure with hairpin clip. With door latch (At side of box) in locked position, adjust nuts on door rod until handle is snug.

CONTROL PANEL PLACEMENT



Loosen the two bolts in base frame (A). Slide control panel horizontal slot (B) behind bolt head. Lower other slot (C) behind bolt head. Tighten bolts.



PeCo Wand Attachment

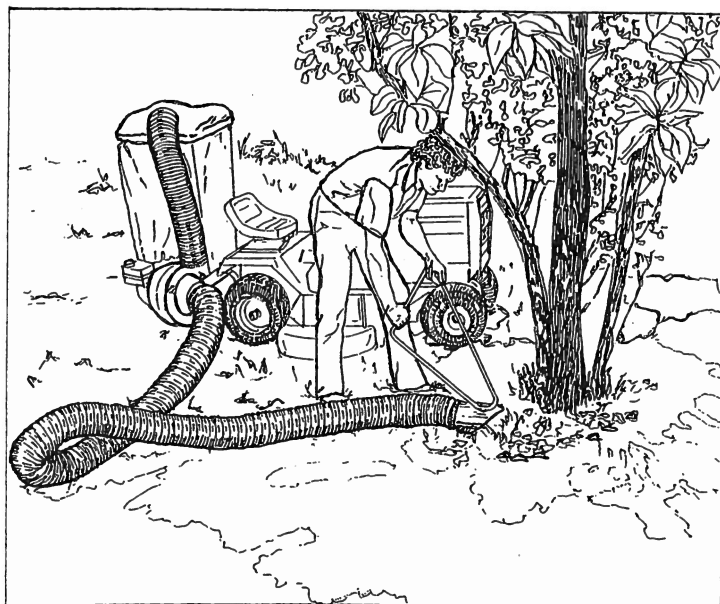
Make your PeCo Lawn Vac the total lawn grooming tool with the PeCo Wand Attachment. Now you can clean all those hard to reach places like under bushes and shrubs, flower gardens and walkways. The PeCo wand, making the best even better.

6564 -

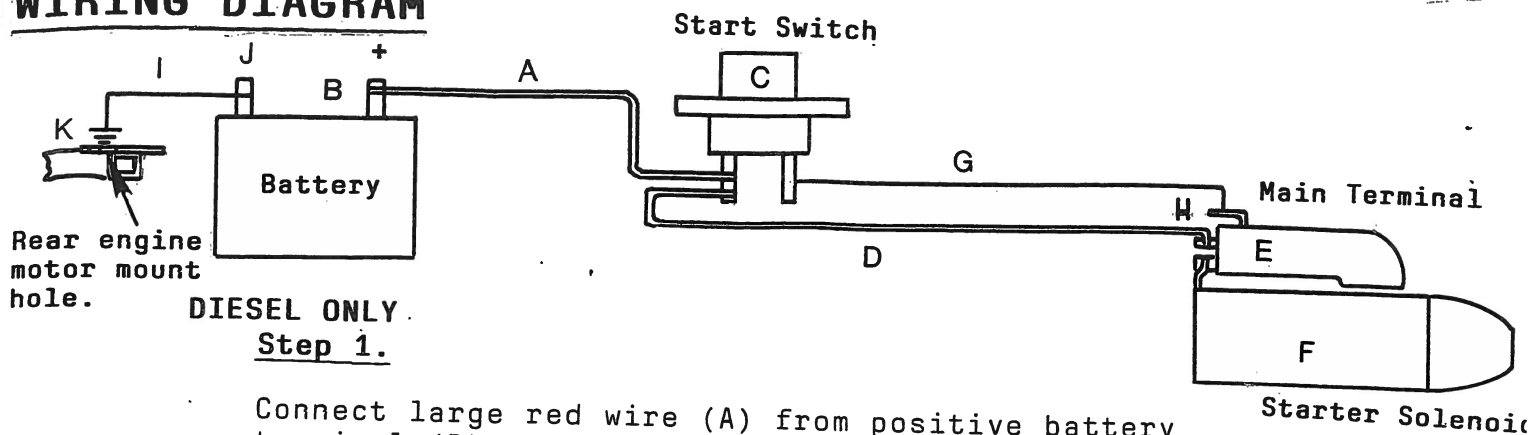
18 foot hose, attachments and hardware.
(Old # K15000)

6565 -

10 Foot hose, attachments and hardware.
(old # K14000)



WIRING DIAGRAM



DIESEL ONLY. Step 1.

Connect large red wire (A) from positive battery terminal (B) to one side of push start switch (C).

Step 2.

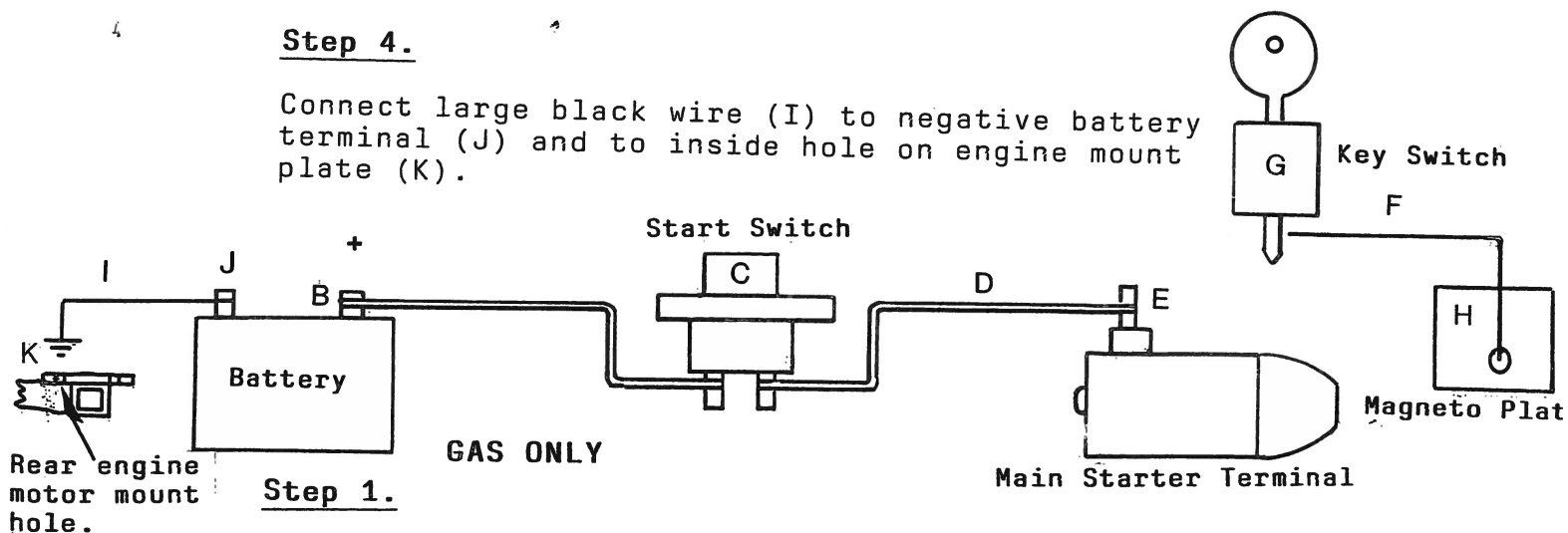
Connect large red wire (D) from push start switch (C) to main terminal (E) on starter solenoid (F).

Step 3.

Connect black wire (G) from other side of push start switch (C) to push (H) on terminal of starter solenoid (F).

Step 4.

Connect large black wire (I) to negative battery terminal (J) and to inside hole on engine mount plate (K).



GAS ONLY Step 1.

Connect large red wire (A) from positive battery terminal (B) to one side of push start switch (C).

Step 2.

Connect large red wire (D) from opposite terminal on push start switch (C) to main starter terminal (E).

Step 3.

Connect small black wire (F) from key switch (G) to engine mageto plate (H).

Step 4.

Connect large black wire (I) to negative battery terminal (J) and to inside hole on engine mount plate (K).

FUEL LINE INSTALLATION

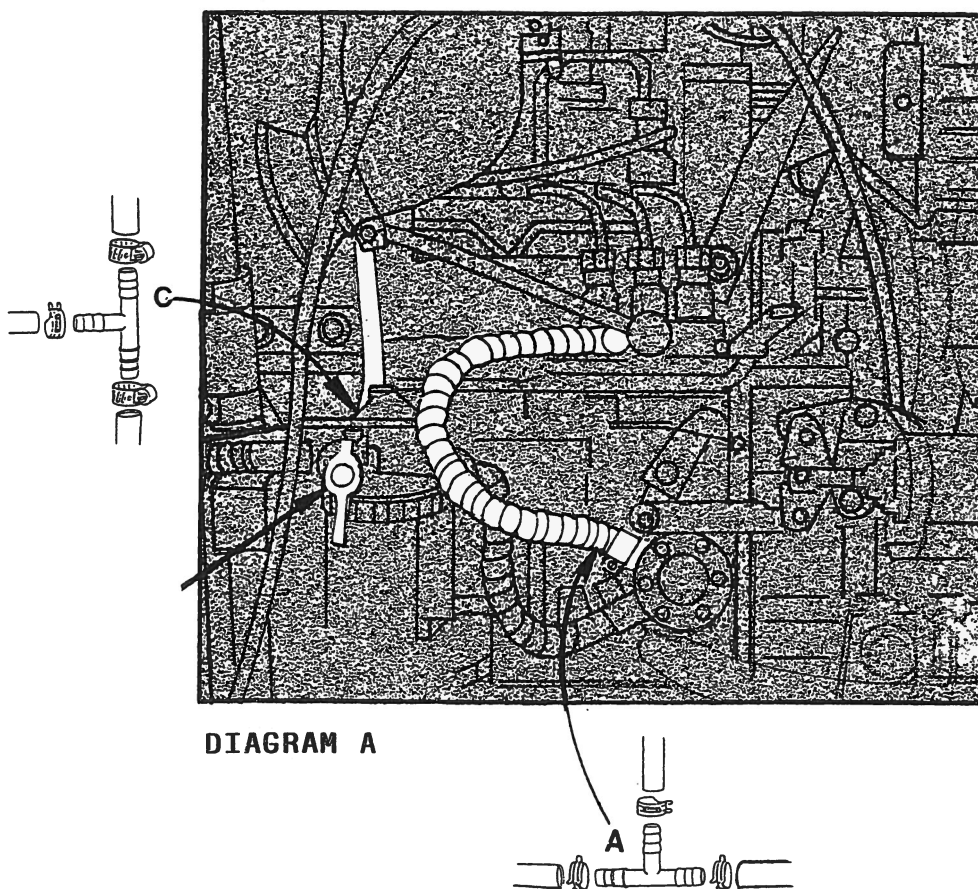
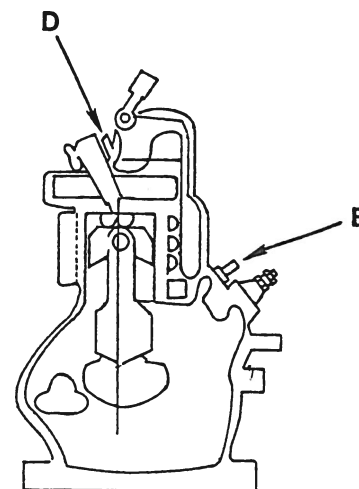


DIAGRAM A



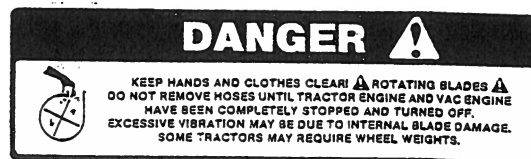
ENGINE DIAGRAM B

1. Turn fuel valve to "off" position as shown.
2. Cut 3" off each length of fuel line hose provided.
3. Remove fuel line at tractor fuel pump connection (A) and replace with one 3" section of hose. Insert "T" connector and clamp hose and "T". Next add one of the remaining long sections of hose provided to the "T" connector and secure with clamp. Route this long section to Vac engine and connect to fuel inlet (B). Secure with clamp. SEE ENGINE DIAGRAM (B).
4. Next remove the fuel line at tractor fuel filter (C) and replace with remaining 3" hose. Insert "T" connector and clamp hose and "T". Add the remaining long length of hose to the "T" connector and secure with clamp. Route this long section to Vac engine and connect to fuel overflow port (D). Secure with clamp. SEE ENGINE DIAGRAM (B).

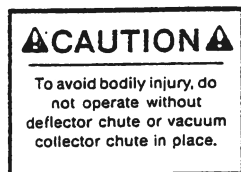
SAFETY AND WARNING STICKERS



R4037 Engine Muffler Sticker



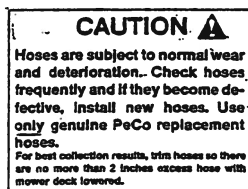
R4028 Blower Housing Sticker



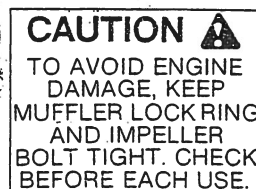
R4025 Molded Hood Sticker



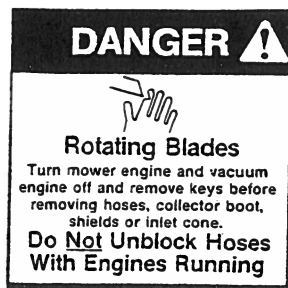
R4027



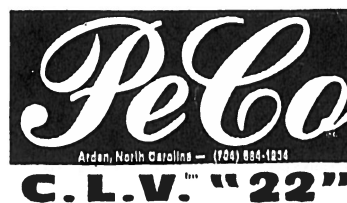
R4034 Boot Sticker



Blower Housing Sticker



R4031 Boot Sticker



R4046 Logo Sticker

OPERATING INSTRUCTIONS

PRE-START CHECK LIST

The checks listed below should be performed before each use of the vacuum collector.

1. Be sure you are familiar with the safety precautions, controls and operation of the tractor. Read your tractor manual carefully!
2. Check the mower and vacuum collector to be sure they are properly installed and to be sure that all nuts, bolts and pins are securely fastened.

OPERATION OF LAWN VAC AND TRACTOR

After you have performed the "Pre-start" check, begin operation by starting your fueled lawn vac engine and set it to run a 3/4 open throttle. Next start your tractor according to its instructions.

For average dry conditions set the tractor engine throttle about 3/4 open and operate mower at normal ground speeds. Under damp conditions or when collecting thick heavy material, run vac engine at full throttle and use low tractor ground speed.

In extremely heavy or tall grass it may be necessary to cut only half the width of the mower deck or raise the cutting height on the first pass to prevent clogging of hoses. Check them and the blower housing periodically for blockage.

TROUBLESHOOTING

TROUBLESHOOTING PROCEDURES

Troubleshooting procedures are provided in the chart below. To use these procedures, first locate the problem description that best describes the trouble that you have encountered. Check the possible causes one at a time in the order that they are listed. Correct any problems that are found and operate the vacuum collector again to verify that you have eliminated the problem.

OPERATION ON SLOPES

Always use caution when operating tractor on slopes. Front wheel weights may be required to offset the weight of the vacuum collector behind the tractor. Even with wheel weights installed, avoid fast starts and adjust tractor ground speed to fit conditions.

WARNING



FOR YOUR PERSONAL SAFETY, ALWAYS MOW UP AND DOWN THE FACE OF SLOPES, AND NEVER ACROSS THE FACE. NEVER ATTEMPT TO MOW EXCESSIVELY STEEP SLOPES AND USE CAUTION WHEN TURNING ON ANY SLOPE.

WARNING



NEVER OPERATE THE MOWER UNLESS THE DISCHARGE GUARD AND EITHER THE DEFLECTOR ASSEMBLY OR THE VACUUM COLLECTOR ADAPTER ARE FASTENED SECURELY IN PLACE.

WARNING



DO NOT WORK AROUND THE MOWER HOUSING OF BLOWER AREA UNTIL YOU ARE CERTAIN THAT THE MOWER BLADES AND THE BLOWER FAN HAVE STOPPED ROTATING.

WARNING



TO AVOID SERIOUS INJURY, PERFORM MAINTENANCE ON THE VACUUM COLLECTOR ONLY AFTER STOPPING THE TRACTOR ENGINE AND WAITING FOR ALL MOVING PARTS TO COME TO A COMPLETE STOP. SET THE PARKING BRAKE. ALWAYS REMOVE THE IGNITION KEY BEFORE BEGINNING THE MAINTENANCE TO PREVENT ACCIDENT—ALLY STARTING OF THE ENGINE.

This section provides troubleshooting and repair instructions for the more common and easily corrected problems. Do not attempt any major repairs without first contracting your dealer.

PROBLEM	CAUSE	SOLUTION
Leaves and grass not being picked up completely.	1. Engine speed too slow. 2. Ground speed too fast. 3. Hose plugged. Screen blocked with dried grass.	A. Run at 3/4 to full throttle. B. Use lower gear. C. Check and tighten all hoses. D. Unplug hose.
Hoses plug easily.	1. Grass or leaves too wet. 2. Grass too high. 3. Container full. 4. Grass buildup in boot or under mower deck.	A. Wait for drier conditions. B. Reduce tractor ground speed. C. Empty. D. Clean thoroughly.
Vacuum collector blower vibrates excessively.	1. Dirt buildup on blower blades. 2. Bent or chipped blade.	A. Remove cone and clean blades. B. Contact your dealer.

NORMAL CARE

Your Lawn Vac was designed and built to provide years of service with only minor care. Certain tasks however must be performed to keep it in good operating condition and to avoid costly repairs. This section describes and provides procedures for the necessary care of the Lawn Vac.

SCHEDULED CARE

A schedule for routine care of the vacuum collector is provided. Some of the schedule requirements are based on operating hours. For this reason, it will be necessary to determine or estimate total operating time. This is easily accomplished if your tractor is equipped with an hourmeter, if not, you can determine normal times for regular jobs. Multiply these normal times by the number of times you perform these jobs and add any unusual operating time or estimate the total operating time.

STORAGE

Never store your Lawn Vac with a full or partially filled container; decaying grass and leaves may constitute a fire hazard if left too long. Never leave your Vac exposed to the elements. While the metal parts are protected with a quality paint the engine and other unprotected parts may deteriorate if left exposed to rain or snow.

SCHEDULE	CARE REQUIRED
Before Each Use	Check engine oil Check all hose connections.
After Each Use	Clean collector hoses, and engine of all grass and dirt. Metal screen should be rinsed off.
Every 10 Hours	Check to be sure all screws, nuts, bolts, pins, etc. are present and secure.

PARTS INFORMATION

PeCo Lawn Vac owners should record the name and telephone number of their tractor dealer.

Your dealer will be happy to supply replacement parts, accessories and do any service or repairs to your lawn vac.

If your dealer has moved or closed his business you may contact PeCo directly for your part replacement. CALL TOLL FREE 1-800-438-5823. Direct mail order to PeCo, P.O. Box 1197, Arden, NC 28704.

Have the following information ready when placing your call: Lawn Vac Model No., Serial No., Part No. and a Description from parts list.

PARTS LIST FOR MODEL #7522-01

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Qty.</u>
1	C1167	Aluminum Top	1
2	A0476	Door Tension Rod	2
3	F3006	Lower Flex Hose 8" x 54"	1
4	A0163	Aluminum Box Assembly	1
5	V1051	Molded Box Inlet	1
6	J6006	Hose Clamp 7"	2
7	F2004	Upper Flex Hose 7" x 32"	1
8	A0135	Box Frame	1
9	J6009	Hose Clamp 8"	2
10	---	Blower Cone (specify size)	1
11	A615	8hp Engine/Blower/Blade Assembly	
	A620	6hp Engine/Blower/Blade Assembly	
	D5003	Engine (8hp Briggs & Stratton)	
	D9001	Engine (6hp Yanmar -diesel)	
	E5007A	Blower Housing (6hp & 8hp)	
	A0639	Impeller & Hardware (6hp & 8hp)	
12	A0850	Boot Clamp Kit	1
13	---	Boot (Specify Deck Size)	1
14	A0360	Door Rod Pivots	2
15	A0366	Tension Rod Assembly	1
16	A0232	Engine Mount Assembly	1
17A	B1418	Latch	2
17B	B4274	Pivot Rod	1
18	A0090	Base Frame	1
19	B1180	Lower Link Plates	4
20	A0492	Latch Assembly	1
21	B1172	Latch Clamp	2
22	X3005	Engine Control Assembly	1
23	A0191	Door Assembly	1
24A	B8131	Filter Screen	1
24B	A0953	Screen Frame Assembly	1
25A	A0415	Inlet Upright Assembly	1
25B	J0507	Foam Ring	1
26	C1184	Fill Gauge	1
27	A0844	Hardware Bag	1
28	A0879	Fuel Line Kit (6hp & 8hp)	1