

Nozzle Cleaning Tool

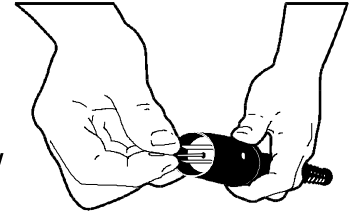
A clogged spray nozzle may produce a poor spray pattern.

Nozzle Cleaning Instructions

⚠ WARNING

SHUT OFF WASHER AND PULL GUN TRIGGER TO RELIEVE FLUID PRESSURE BEFORE STARTING CLEANING PROCEDURE.

Remove wand from gun. Place nozzle cleaning tool in end of nozzle and push through hole to dislodge obstruction. Backflush water or blow air through nozzle to remove material. Repeat if required. Attach tool to pressure washer with locking tie for future use.



DeVILBISS AIR POWER COMPANY

OWNERS MANUAL FOR PRESSURE WASHER Model No. W1217

SPECIFICATION CHART

MODEL	W1217
PUMP PRESSURE	1300 P.S.I. MAX
FLOW RATE	1.7 G.P.M.
VOLTAGE REQUIREMENT	115V/15 AMP/60HZ
MINIMUM FUSE SIZE	15 AMP., TIME DELAY
POWER CORD	35'
HOSE	20' SWIVEL HIGH PRESSURE HOSE
PKG. WEIGHT	17 LBS.

IMPORTANT:
READ AND RETAIN THE SAFETY GUIDELINES AND ALL
INSTRUCTIONS CAREFULLY BEFORE OPERATING

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LIMITED WARRANTY

ONE YEAR FROM DATE OF PURCHASE

All merchandise manufactured by DeVilbiss Air Power Company is warranted to be free of defects in workmanship and material which occur during the first year from the date of purchase by the original purchaser (initial user). Products covered under this warranty include: air compressors, *air tools, accessories, service parts, pressure washers, and generators used in consumer applications (i.e., personal residential household usage only).

Air compressors, *air tools, accessories, service parts, pressure washers, and generators used in commercial applications (income producing) are covered by a 90 day warranty.

DeVilbiss Air Power will repair or replace, at DeVilbiss's option, products or components which have failed within the warranty period. Repair or replacement, and service calls on 60 and 80 gallon air compressors, will be handled by Authorized Warranty Service Centers and will be scheduled and serviced according to the normal work flow and business hours at the service center location, and depending on the availability of replacement parts.

All decisions of DeVilbiss Air Power Company with regard to this policy shall be final.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RESPONSIBILITY OF ORIGINAL PURCHASER (Initial User)

- Retain original cash register sales receipt as proof of purchase for warranty work.
- Use reasonable care in the operation and maintenance of the product as described in the Owners Manual(s).
- Deliver or ship the product to the nearest DeVilbiss Air Power Authorized Warranty Service Center. Freight costs, if any, must be paid by the purchaser.
- Air compressors with 60 and 80 gallon tanks only will be inspected at the site of installation. Contact the nearest Authorized Warranty Service Center, that provides on-site service calls, for service call arrangement.
- If the purchaser does not receive satisfactory results from the Authorized Warranty Service Center, the purchaser should contact DeVilbiss Air Power Company.

THIS WARRANTY DOES NOT COVER:

- Merchandise sold as reconditioned, floor models and/or display models. Any damaged or incomplete equipment sold "as is".
- Merchandise used as "rental" equipment.
- Merchandise that has become inoperative because of ordinary wear, misuse, freeze damage, use of improper chemicals, negligence, accident, improper and/or unauthorized repair or alterations including failure to operate the product in accordance with the instructions provided in the Owners Manual (s) supplied with the product. *Air Tools: O-Rings and driver blades are considered ordinary wear parts, therefore, they are warranted for a period of 45 days from the date of purchase.
- An air compressor that pumps air more than 50% during a one hour period is considered misuse because the air compressor is undersized for the required air demand. Maximum compressor pumping time per hour is 30 minutes.
- Merchandise sold by DeVilbiss Air Power which has been manufactured by and identified as the product of another company. The product manufacturer's warranty will apply.
- Repair and transportation costs of merchandise determined not to be defective.
- Cost associated with assembly, required oil, adjustments or other installation and start-up cost.
- ANY INCIDENTAL, INDIRECT OR CONSEQUENTIAL LOSS, DAMAGE, OR EXPENSE THAT MAY RESULT FROM ANY DEFECT, FAILURE OR MALFUNCTION OF THE PRODUCT.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.
- IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR FROM THE DATE OF ORIGINAL PURCHASE.** Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

DeVilbiss Air Power Company

213 Industrial Drive • Jackson, TN 38301-9615 • Telephone: 1-800-888-2468 , Ext. 2 • FAX: 1-800-888-9036

Form: SP-100-E - 4/25/96

SAFETY GUIDELINES - DEFINITIONS

<p>This manual contains information that is important for you to know and understand. This information relates to protecting YOUR SAFETY and PREVENTING EQUIPMENT PROBLEMS. To help you recognize this information, we use symbols to the right. Please read the manual and pay attention to these sections.</p>	<div style="border: 1px solid black; display: inline-block; padding: 2px 5px;">⚠ DANGER</div> <p>URGENT SAFETY INFORMATION - A HAZARD THAT WILL CAUSE SERIOUS INJURY OR LOSS OF LIFE</p>	<div style="border: 1px solid black; display: inline-block; padding: 2px 5px;">⚠ CAUTION</div> <p>Information for preventing damage to equipment.</p>
	<div style="border: 1px solid black; display: inline-block; padding: 2px 5px;">⚠ WARNING</div> <p>IMPORTANT SAFETY INFORMATION - A HAZARD THAT <i>MIGHT</i> CAUSE SERIOUS INJURY OR LOSS OF LIFE.</p>	<div style="border: 1px solid black; display: inline-block; padding: 2px 5px;">NOTE</div> <p>Information that you should pay special attention to.</p>

IMPORTANT SAFETY INSTRUCTIONS

• SAVE THESE INSTRUCTIONS •

⚠ CAUTION

THIS UNIT OPERATES WITH COLD WATER ONLY.

⚠ WARNING




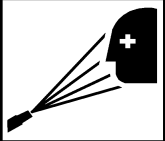


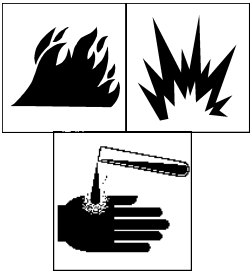
When using this product basic precautions should always be followed including the following:



1. **Read and understand all the instructions before using the product.**
2. To reduce the risk of injury, close supervision is necessary when a product is used near children.
3. Know how to stop the product. Be thoroughly familiar with the controls.
4. Stay alert – watch what you are doing.
5. Do not operate the product when fatigued or under the influence of alcohol or drugs.
6. Keep operating area clear of all persons.
7. Do not overreach or stand on unstable support. Keep good footing at all times.
8. Follow the maintenance instructions specified in the manual.
9. Never operate this machine with broken or missing parts, or without protective housing in place.
10. **⚠ WARNING – Risk of Injection or Injury – Do Not Direct Discharge Stream At Persons.**

HAZARD	WHAT COULD HAPPEN	HOW TO PREVENT IT
<div style="border: 1px solid black; background-color: black; color: white; padding: 2px 5px; display: inline-block;">⚠ DANGER</div> RISK OF ELECTRICAL SHOCK 	<ul style="list-style-type: none"> ■ This product is not equipped with a GFCI. It contains and sprays water and other conductive liquids. Improper operation could result in electrocution. ■ Spraying directed at electrical outlets or switches, or objects connected to electrical circuit could result in electrical shock. ■ Extension cords of improper size or in poor condition can lead to electrical shock. 	<ul style="list-style-type: none"> ■ This product must be connected to a properly grounded electrical circuit, equipped with a Ground Fault Circuit Interrupter (GFCI) for your personal protection. ■ Unplug any electrically operated product before attempting to clean it. Direct spray away from electric outlets and switches. ■ Always keep cord connections dry. Never attempt to assemble connections with wet hands. See section on Grounding Instructions/Extension Cords. (Page 6)

IMPORTANT SAFETY INSTRUCTIONS (cont'd)

HAZARD	WHAT COULD HAPPEN	HOW TO PREVENT IT
<p>⚠ WARNING RISK OF FLUID INJECTION</p> 	<ul style="list-style-type: none"> Your washer operates at fluid pressures and velocities high enough to penetrate human and animal flesh, which could result in serious injury or amputation. Leaks caused by loose fittings or worn or damaged hoses can result in injection injuries. DO NOT TREAT FLUID INJECTION AS A SIMPLE CUT! Fluid injection can lead to amputation. See a physician immediately. 	<ul style="list-style-type: none"> Never place hands in front of nozzle. Keep operating area clear of all persons. Direct spray away from self and others. Make sure hose and fittings are tightened and in good condition. Never hold on to the hose or fittings during operation. Never attach or remove wand or hose fittings while system is pressurized. Use only hose and high pressure accessories rated for 2000 PSI service.
<p>⚠ WARNING RISK OF INJURY FROM SPRAY</p> 	<ul style="list-style-type: none"> High velocity fluid spray can cause some objects to break, projecting particles at high speed. Light or unsecured objects can become hazardous projectiles. All sources of energy include the potential for injury. Unsafe operation or maintenance of your pressure washer could lead to serious injury or death to you or others. 	<ul style="list-style-type: none"> Always wear ANSI approved Z87 safety glasses. Keep children and others away from work area. Remove loose objects from spray path. Secure light objects to be cleaned. Direct spray away from self and others. Always secure trigger lock when wand is not in service to prevent accidental triggering and actuation of wand. Never point wand at, or spray people or animals.
<p>⚠ WARNING RISK OF INJURY FROM WAND RECOIL</p> 	<ul style="list-style-type: none"> Reactive force of spray will cause wand to move, and could cause the operator to slip or fall, or misdirect the spray. Improper control of wand can result in injuries to self and others. 	<ul style="list-style-type: none"> Always secure trigger lock when wand is not in service to prevent accidental triggering and actuation of wand. Keep work area free of obstacles. Assume a solid stance on stable surface. Keep a firm grip on the wand and expect it to kick when triggered. Only use cleaning fluids specifically recommended for use in high pressure washers.
<p>⚠ WARNING RISK TO BREATHING</p> 	<ul style="list-style-type: none"> Some cleaning fluids contain substances which could cause injury to skin, eyes, or lungs. 	<ul style="list-style-type: none"> Wear protective clothing to protect eyes and skin from contact with sprayed materials. Work in a well ventilated area. Never use this product to spray toxic or corrosive materials such as poisons, insecticides, etc.
<p>⚠ WARNING RISK OF EXPLOSION OR FIRE</p> 	<ul style="list-style-type: none"> Use of acids, unapproved chemicals, or flammable solvents with this product could cause injury or death. 	<ul style="list-style-type: none"> Do not use acids, gasoline, kerosene, or any other flammable materials in this product. Use only household detergents, cleaners and degreasers recommended for use in Pressure Washer. Work in a well ventilated area. Always follow Manufacturer's recommendations for safe use of chemicals.

GLOSSARY

FLOW RATE: This is the amount of water that passes through your wand. (Usually measured in G.P.M., gallons per minute.).

START/STOP: This unit will automatically start when the trigger is depressed and automatically stop when you let off of the trigger.

P.S.I.: Unit of measure, pounds per square inch.

GROUNDING INSTRUCTIONS & EXTENSION CORDS

WARNING

This product is not equipped with a ground fault interrupter. It has been manufactured in compliance with code requirements for a double insulated product. For your personal protection, this product **must be connected to a circuit equipped with ground fault interrupter protection.**

EXTENSION CORDS: Extension cords are **NOT** recommended to be used with this product. If an extension cord must be used, the following 3 requirements should be met:

1. 14 guage minimum wire size up to 25 ft. cord.
2. 12 guage minimum wire size up to 50 ft. cord.
3. Use only extension cords that are intended for outdoor use. These extension cords are identified by a marking "Acceptable for use with outdoor appliances; store indoors while not in use." Use only extension cords having an electrical rating not less

than the rating of the product. Do not use damaged extension cord and do not yank on any cord to disconnect. Keep cord away from heat and sharp edges. Always disconnect the extension cord from the receptacle before disconnecting the product from the extension cord. Extension cord must be connected to a grounded outlet equipped with a GFCI (Ground Fault Circuit Interrupter). There is a risk of Electrocutation if extension cord is not connected to a grounded outlet equipped with a GFCI.

WARNING

To reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch plug with wet hands. Do not use if cord is damaged.

OPERATING INSTRUCTIONS

START-UP

1. Attach middle extension wand to gun/hose assembly by inserting the stem and tightening the threaded collar.
2. Insert hose into pressure washer outlet port, then push the hose retaining clip fully downward which will secure the hose to the pressure washer.
3. Connect garden hose to the pressure washer inlet port by using the quick connect coupler supplied with your unit. Make sure the screen faces the water hose.
4. Turn on water supply, then release trigger safety, pull trigger to remove any trapped air in the system (about 15 seconds). Verify that there are no water leaks.
5. Verify that the pressure washer switch is in the "Off" position. Plug the power cord into the G.F.C.I. Protected outlet. (Push reset on G.F.C.I.).
6. Assemble proper wand/accessory into the end of the middle extension wand by pushing in and rotating 90° until it locks into place.
7. Switch to "On" position.
8. You are now ready to use your pressure washer.

NOTE: The unit will stop automatically when the trigger is released and will start when the trigger is pulled.

OPERATION

1. For high pressure cleaning, attach adjustable spray wand to middle extension wand (see #6 in Start-up). Spray pattern can be adjusted from narrow angle to wide angle by rotating the end of the wand. Narrow spray patterns are ideal for stubborn areas whereas wide spray patterns increase overall coverage.
2. For applying detergents, attach detergent dispenser to middle extension wand (see #6 in set-up). The cup should be oriented downward. When using detergents, it is best to give them time to work (3 to 5 minutes) before high pressure rinse.

SHUT-DOWN

1. Turn off the water supply and disconnect quick connect coupler.
2. Pull the trigger for 2 to 4 seconds to remove remaining water from the hose and pump.
NOTE: (This should be done quickly). Unit will continue to run without the water connected to your pressure washer.
3. Turn switch off and unplug.

⚠ CAUTION

Operating unit with water supply shut off (without flow of water) will result in equipment damage.

⚠ WARNING

During shut-down, entire system including pump, hose and wand will remain under pressure.
Do not attempt to remove hose/gun until pressure is relieved.

MAINTENANCE AND STORAGE

⚠ WARNING

TO AVOID ELECTRICAL SHOCK, ALWAYS DISCONNECT THE PLUG FROM THE ELECTRICAL SUPPLY BEFORE ANY MAINTENANCE IS STARTED.

MAINTENANCE

1. **WATER SCREEN:**

Inspect the water screen before attaching water supply. Clean water screen if dirty. (Quick Connect Coupler)

3. Flush wand assembly backwards with water or compressed air.
4. If problems still exist, repeat steps 1-3.

2. **NOZZLE CLOGGED:**

A clogged nozzle will cause a distorted spray pattern and/or low pressure output.

1. Unplug power supply, pull trigger on gun handle to relieve pressure, remove wand assembly from gun assembly.
2. Clean the nozzle with the nozzle cleaning tool.

3. **LUBRICATION:**

No lubrication is required for this pump.

⚠ WARNING

HIGH PRESSURE HOSE: Damaged high pressure hoses can burst which can cause a potentially hazardous situation. High pressure hoses should not be kinked, crushed, twisted, or damaged in any way. Replace high pressure hose should this occur.

WINTER STORAGE

This pressure washer should be stored in such a way to protect it from freezing. **Do not** store this unit outdoors or in an area where temperatures will fall below 32°F. This can cause extensive damage to this unit. Drain as much water as possible.

If unit has to be stored under freezing conditions a non-toxic R.V. anti-freeze can be used to protect from freezing.

Add anti-freeze as follows:

1. Be sure the unit is turned off, the water supply hose is disconnected, and the pressure has been relieved from the gun.
2. Remove gun/hose assembly from the pressure washer.
3. Tip the unit on end with the water inlet fitting pointing upward, and start the motor.
4. Quickly pour approx. 1/4 cup of non-toxic R.V. anti-freeze down the plastic fitting where the water hose attaches while the motor is running (See Figure 1 below). Let unit run for a few seconds.
5. Turn the unit off .

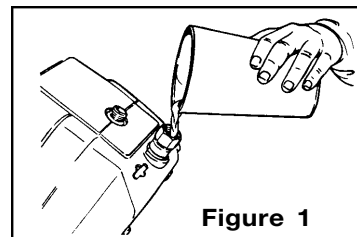


Figure 1

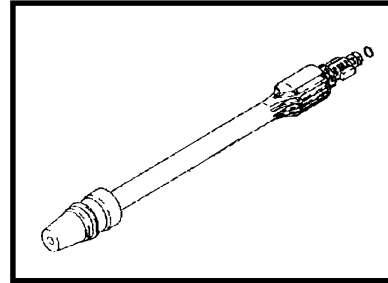
TROUBLESHOOTING GUIDE

PROBLEM	CAUSE	REMEDY
Motor will not start and there is no humming sound	<ol style="list-style-type: none"> 1. Not plugged in. 2. "RESET" button on GFCI not pushed. 3. Circuit breaker has tripped or fuse is blown. 	<ol style="list-style-type: none"> 1. Plug in. 2. Push "RESET" button. 3. Reset breaker or replace fuse.
Power source circuit continues to trip or blow fuses	<ol style="list-style-type: none"> 1. Too much load already on circuit. 	<ol style="list-style-type: none"> 1. Reduce load on circuit. 2. Try another G.F.C.I. circuit.
Motor hums but will not start	<ol style="list-style-type: none"> 1. Extension cord is too long or of improper gauge, causing voltage drop. 2. Pump is stuck due to dirt, mineral build up, or ice. 3. Motor malfunction 	<ol style="list-style-type: none"> 1. See section on extension cords (See page 6). 2. Unplug unit. If temp is below freezing do not use. Thaw in a warm area. 3. Take to authorized service center (See page 2)
Unit does not reach required pressure	<ol style="list-style-type: none"> 1. Restricted, or insufficient water supply. 2. Clogged nozzle. 	<ol style="list-style-type: none"> 1. Check supply hose, faucet and inlet screen. Must be connected to water source which provides 1.7 gal. water per minute. 2. See nozzle cleaning section.
Units cycles automatically without triggering the gun.	<ol style="list-style-type: none"> 1. Water leak in high pressure fittings, hose, or gun 	<ol style="list-style-type: none"> 1. New gun/hose assembly.
Continuous tripping of a G.F.C.I. circuit.	<ol style="list-style-type: none"> 1. Unit could have an electrical short. 	<ol style="list-style-type: none"> 1. Take to nearest AWSC.

ACCESSORIES/CLEANING SOLUTIONS/ SERVICE PARTS

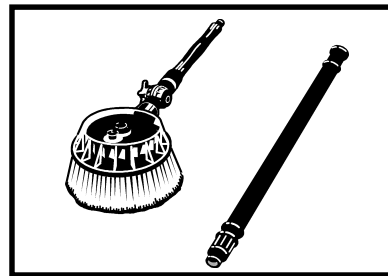
HIGH PRESSURE ROTARY SPRAY WAND PART NUMBER WA150

- High pressure rotating spray for maximum cleaning
- Durable stainless steel nozzle



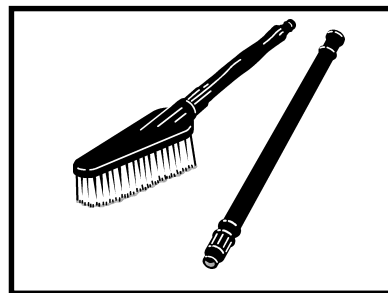
ANGLE ROTARY BRUSH KIT PART NUMBER WA200

- 7 in. dia. nylon brush with rotating brush
- Adjustable- for angled surfaces
- Adjustable- for angled use
- 2 ft. extension for added reach
- Requires adaptor that is included with Pressure Washer (K-0369)

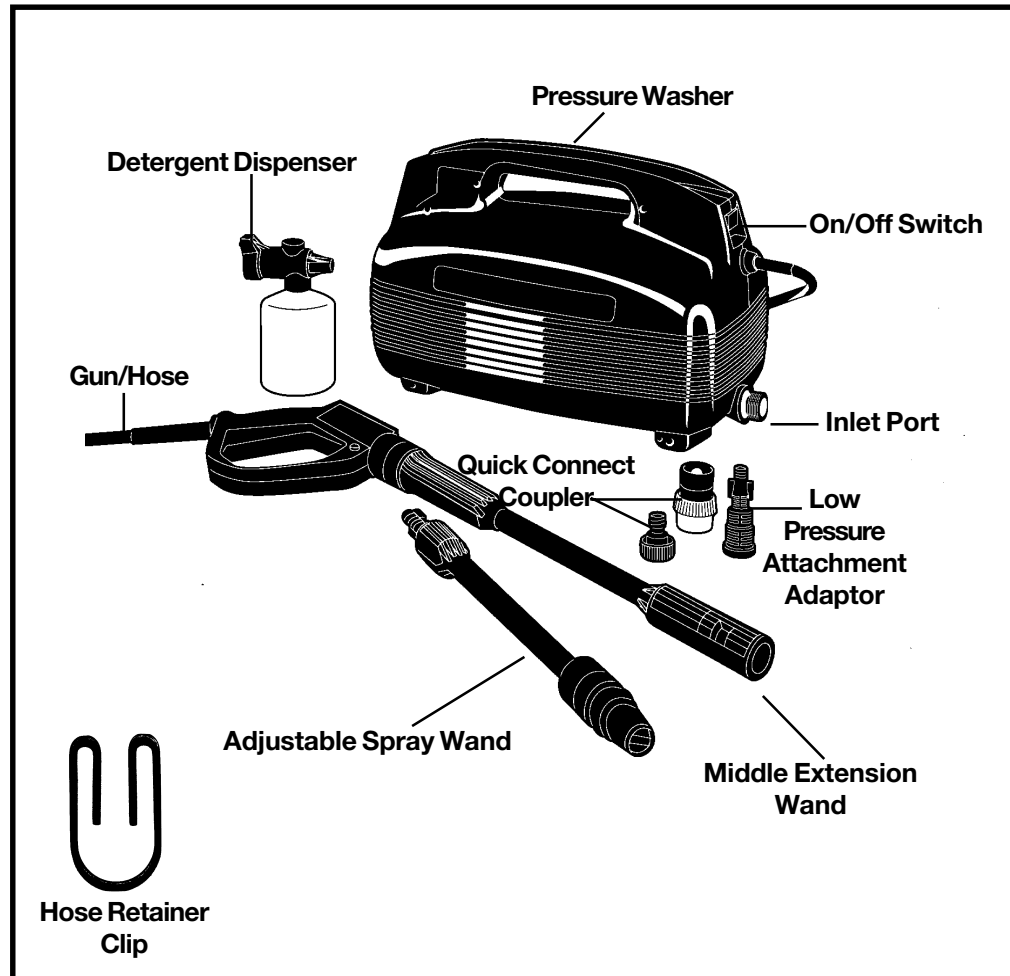


FIXED BRUSH KIT PART NUMBER WA250

- 7 in. x 3 in. soft nylon bristles
- Tapered for cleaning in tight spots
- 2 ft. extension for added reach
- Requires adaptor that is included with Pressure Washer (K-0369)



SERVICE PARTS



- | | |
|---|---------|
| 1. Pressure Washer | W1217 |
| 2. Gun/Hose | PW-0201 |
| 3. Middle Extension Wand | PW-0203 |
| 4. Adjustable Spray Wand | PW-0202 |
| 5. Detergent Dispenser | PW-0205 |
| 6. Low Pressure Attachment Adaptor (for use when attaching either of the brush kit) | PW-0204 |
| 7. Quick Connect Coupler | PW-0021 |
| 8. On/Off Switch | — |
| 9. Hose Retaining Clip | PW-0206 |

DeVILBISS AIR POWER COMPANY

OWNERS MANUAL FOR ELECTRIC PRESSURE WASHER

**MODEL NO.
W1217**

Call our **Toll Free Number 1-800-888-2468, Ext 2, then 1**, to obtain the location of the nearest Authorized Service Center for ordering repair parts and for warranty repairs.

When ordering repair parts from your local Authorized Service Center, always give the following information:

- Model number of your product
- Part number and description of the item you wish to purchase

WARRANTY

This product is covered by the DeVilbiss one year limited warranty. The warranty can be found on page 3 or is available upon request.

Retain the original sales receipts as proof of purchase for warranty repair work.

Attach sales receipt here.