

READ THIS FIRST

SAW USER GUIDE

MODEL SV3





PERSONAL RESPONSIBILITY CODE

The member companies of FEMSA that provide emergency response equipment and services want responders to know and understand the following:

1. Firefighting and Emergency Response are inherently dangerous activities requiring proper training in their hazards and the use of extreme caution at all times.
2. It is your responsibility to read and understand any user's instructions, including purpose and limitations, provided with any piece of equipment you may be called upon to use.
3. It is your responsibility to know that you have been properly trained in Firefighting and/or Emergency Response and in the use, precautions, and care of any equipment you may be called upon to use.
4. It is your responsibility to be in proper physical condition and to maintain the personal skill level required to operate any equipment you may be called upon to use.
5. It is your responsibility to know that your equipment is in operable condition and has been maintained in accordance with the manufacturer's instructions.
6. Failure to follow these guidelines may result in death, burns or other severe injury.



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USER GUIDE

This manual covers the description, cautions, operation, and maintenance of the Super Vac SV3.



WARNING Read this manual before operating the saw

Save this guide for future reference.

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1. Breakage or Damage During Shipment

The transportation company is fully responsible for all shipping damage and will resolve problems promptly if you handle it correctly. Please read these instructions carefully.

Examine the contents of all shipping cases. If you find any damage, call your transportation agent at once and have them make a description on the freight or express bill describing the damage and the number of pieces. Then write us and we will send you the original bill of lading. Get a claim blank from the express or truck company. Fill the claim form out. Attach the claim blank to the original bill of lading together with a copy of our invoice. Attach a memo on which you show the value of the damaged goods. Mail or hand these papers to your local transportation agent. They will process your claim with reasonable promptness.

Please note, we cannot and will not enter claims for damages. If we filed claim here, it would be sent to your local freight agent for verification and investigation. This time can be saved by your filing the claim directly. Every consignee is on the ground floor and in contact with the local agent who inspects the damaged goods, and thus, each claim can be given individual attention.

Since our goods are packed to comply with the regulations of all railroad, truck, and express companies, we cannot allow deduction from any invoice because of any damage, however, be sure to file your claim promptly. Our goods are sold F.O.B. factory. We take receipt from the transportation company certifying that the goods were delivered to them in good order, and our responsibility ceases.

It is seldom that any breakage or damage occurs in any of our shipments, and in no case will the customer be out any expense if they follow the above instructions.

Be sure to keep all damaged goods subject to examination of the truck or express company inspector, who may call on you some time later. These damaged goods, of course, will belong to them, and they will inform you what to do with them. If you dispose of these damaged goods, your claim may not be paid.

2. Product Safety Precautions

- Contact of the guide bar nose with any object should be avoided
- Always operate the chain saw with both hands
- Do not operate a chain saw when you are fatigued
- Use caution when handling fuel. Move the chain saw at least 10 feet (3 m) from the fueling point before starting the engine
- Do not start cutting until you have a clear work area and secure footing
- Keep all parts of your body away from the saw chain when the engine is running
- Before you start the engine, make sure that the saw chain is not contacting anything
- Do not operate a chain saw that is damaged, is improperly adjusted, or is not completely and securely assembled. Be sure that the saw chain stops moving when the throttle control trigger is released
- Keep the handles dry, clean, and free of oil or fuel mixture
- Operate the chain saw only in well-ventilated areas
- Do not operate a chain saw unless you have been specifically trained to do so
- When transporting your chain saw, use the chain protection cover
- Reactive forces including kickback can be dangerous. Careless or improper use of any chain saw may cause serious or fatal injury

3. Before Operating Saw

- This tool is powered by a high-performance air-cooled two-stroke engine. It runs on a mixture of gasoline and two-stroke engine oil.
- The power unit should run a non ethanol 50:1 fuel mixture. Pre mixed TruFuel works great. If having to use ethanol fuel try using a fuel additive like Stabi-Bil.
- 1.0 Us-gal. (3.7 l) 2.6 floz. (75 cm³)
- 2.5 Us-gal. (9.4 l) 6.4 floz. (189 cm³)
- 5.0 Us-gal. (18.9 l) 12.8 floz. (378 cm³)
- Fuel your chain saw in well ventilated areas or out doors. Always shut off the engine and allow it to cool before refueling. Select bare ground for fueling and move the chain saw at least 10 feet (3 m) from fueling spot before starting the engine

4. Operation

Starting the Engine

Place the chain saw on firm ground or other solid surface in an open area. Maintain a good balance and secure footing. Place your right foot through the rear handle opening and firmly grasp the front handle with your left hand.

Be absolutely sure that guide bar and chain are clear of you or all other obstructions and objects, including the ground, because when the engine starts in semi-throttle position, engine speed will be fast enough for the clutch to engage the sprocket and turn the chain which may cause a kickback. Never attempt to start the saw when the guide bar is in a cut or kerf.

When you pull the starter grip, don't wrap the starter rope around your hands. Do not allow the grip to snap back, but guide the starter rope slowly back to permit the rope to rewind properly. Failure to follow this procedure may result in injury to hand or fingers and may damage the starter mechanism.


Cutting Instructions

Always hold the saw firmly with both hands when the engine is running. Place your left hand on the tubular handle and your right hand on grip and throttle lever. Left-handers should follow these instructions too.

Wrap your fingers tightly around the handles, keeping the handles cradled between your thumb and forefinger. With your hands in this position, you can best oppose and absorb the push, pull and kickback forces of your saw without having it slip out of your grip. Make sure your chain saw handle and grip are in good condition and free of moisture, pitch, oil or grease.

Always start a cut with the chain running at full speed..

Position the chain saw in such a way that your body is clear of the cutting attachment whenever the engine is running.

 **DANGER** Don't put pressure on the saw when reaching the end of a cut. The pressure may cause the bar and rotating chain to pop out of the cut or kerf, go out of control and strike the operator or some other object. If the rotating chain strikes some other object a reactive force may cause the chain to strike the operator.

5. Maintenance and Repair

Maintenance should only be performed by experienced and trained personnel.

Keep the chain, bar and sprocket clean and lubricated; replace worn sprockets or chains. Keep the chain sharp. You can spot a dull chain when easy-to-cut wood becomes hard to cut and burn marks appear on the wood.

Keep the chain at proper tension. Tighten all nuts, bolts and screws except the carburetor adjustment screws after each use.

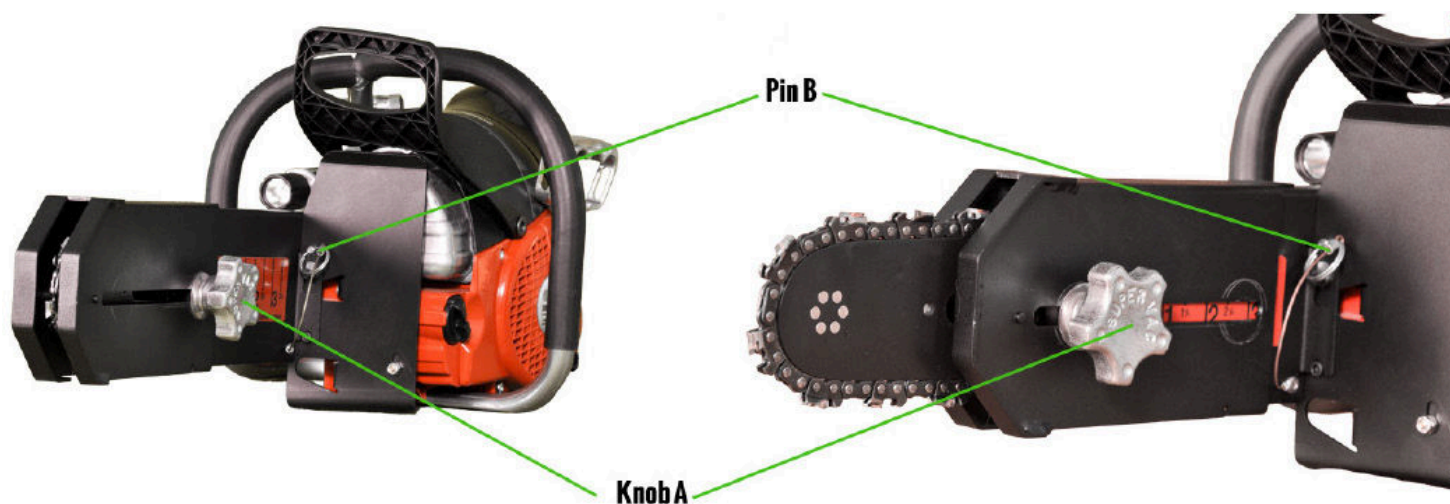
Keep spark plug and wire connection tight and clean.

Remove / Install Depth Gauges

Both Super Vac Full Guard & Quick Silver Guard can be removed with out needing any tools.

To Remove Depth Guard:

1. Loosten and unthread Knob A and remove. Pull out exterior portion of guard (may have to lift up slightly simultaneously)
2. Remove Pin B and lift up and remove interior portion of guard



When to Replace the Chain

The chain should be replaced when teeth become dull and no longer cuts with ease or 3 cutters in a row are missing or 5 with in the loop are damaged. Run saw at full RPM for longer chain life and make sure to keep the chain tight to the bar for top performance.

When to Clean the Guard

The guard and saw should be cleaned after each use to ensure proper working condition in future uses. WD40 or Break-Free are great lubricates for cleaning of the saw.

Checking and Tightening Tension

The tension of the chain is correct if the chain rests against the bottom side of the guide bar and can still be easily turned by hand. While doing so the chain brake must be released. Check the chain tension frequently - new chains tend to get longer during use! When checking the chain tension the engine must be switched off.

To Tighten, turn screw tensioning screw (see right) clock wise until chain rests against bottom edge.



6. Technical Specs

Engine:	5.7 Hp Dolmar (PS-7910)	Chain:	.404" pitch (10.3mm)
Bar:	20" (508mm)		.063" guage (1.6 mm)
Displacement:	78.5cc	Chain Speed:	99 ft/sec (30m/sec)
RPM:	12,800	Fuel Tank:	25.5 oz (755ml)
Total Weight:	22 lbs (10kg)	Oil Tank:	14.2 oz (420ml)
Powerhead Weight:	15.6 lbs (7.1kg)	Run Time:	2.3 hours

7. Warranty

Super Vacuum Manufacturing Company warrants that the equipment is free from defects in materials and workmanship when used and operated for a period of five years. The responsibility of Super Vacuum Manufacturing Company under this limited warranty is limited to the repair and replacement of any parts which are found defective and which are returned to Super Vacuum Manufacturing Company at 3842 Redman Dr, Fort Collins, CO 80524 with transportation charges prepaid (C.O.D. shipments will not be accepted).

Prior to returning defective parts to SUPER VACUUM MANUFACTURING COMPANY, the original purchaser shall make a claim in writing to SUPER VACUUM MANUFACTURING COMPANY at the above address indicating the model number and type of defect. No parts or equipment will be received by SUPER VACUUM MANUFACTURING COMPANY for repair or replacement under this warranty without specific written authority from it in advance.

Any parts damaged by improper installation, overloading, abuse or accident of any type or cause are not covered by this warranty.

All equipment manufactured by us is pre-run and tested before leaving our plant, and is shipped in good working order and condition. We therefore extend to the original purchasers the following Limited Warranty for the period of five years from the original date of purchase:

1. This warranty does not apply to defects caused by accident, misuse, neglect, or wear and tear, nor can we be held responsible for incidental and consequential expense and loss, nor does this warranty apply to equipment where alterations have been executed without our knowledge or consent. These conditions are readily discernible when the equipment is returned to us for inspection.
2. On all component parts not manufactured by SUPER VACUUM MANUFACTURING COMPANY, their warranty is to the extent that the manufacturer of such component warrants them to SUPER VACUUM MANUFACTURING COMPANY, if at all. Look in your local business phone directory for the nearest repair station for the brand of parts you have or write to us for the address.
3. If equipment received is found to have been damaged in transit, a claim should be made against the carrier within three days, as we assume no responsibility for such damage.
4. Any service other than our Authorized Service voids this warranty.
5. This warranty is in lieu of and is intended to exclude all other warranties, express or implied, oral or written, including any warranties of MERCHANTABILITY or FITNESS for a particular purpose.

8. Contact Information



For parts or service information, contact:

Super Vacuum Manufacturing Company, Inc.

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Fort Collins, CO 80524

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970-297-7100

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