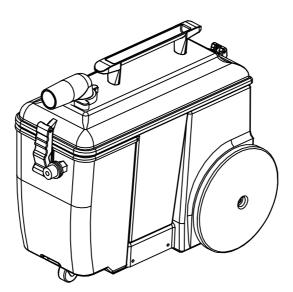


# **OWNER'S MANUAL**

## IMPORTANT: READ OWNER'S MANUAL CAREFULLY



### MODEL : WILDCAT CARPET SPOTTER

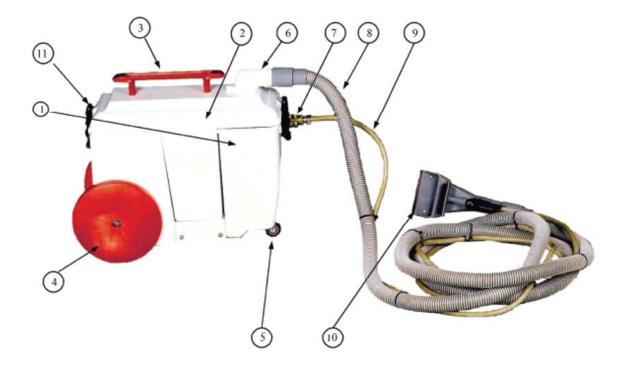


| FOR YOUR CONVENIENCE, RECORD THE FOLLOWING IMPORTANT INFORMATION |  |
|------------------------------------------------------------------|--|
| MODEL:                                                           |  |
| SERIAL NUMBER:                                                   |  |
| DATE PURCHASED:                                                  |  |
| PURCHASED FROM:                                                  |  |
|                                                                  |  |

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#### MACHINE COMPONENTS



- 1) Solution Tank
- 2) Recovery Tank
- 3) Handle
- 4) Transport Wheels
- 5) Front Caster
- 6) Vacuum Intake

- 7) Solution Coupler
- 8) Vacuum Hose
- 9) Solution Hose
- 10) Hand Tool
- 11) Clamp

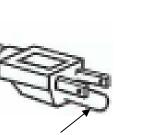
#### SAFETY PRECAUTIONS

#### **GROUNDING INSTRUCTIONS**

General – This carpet spotting machine shall be grounded while in use to protect the operator from electric shock. The machine is provided with a three-contact grounding type attachment plug to fit the proper grounding type receptacle. The green (or green & yellow) conductor in the cord is the grounding wire. Never connect this wire to other than the grounding pin of the attachment plug.

This machine is for use on a nominal 120-volt circuit and has a grounding plug that resembles the plug illustrated in figure below. Make sure that the machine is connected to an outlet having the same configuration as the plug. No adapter should be used with this machine.

# Grounded 3 Hole Outlet





Ground Pin

#### (120V)

This machine is intended for commercial use. It is constructed for use in an indoor environment and is not intended for any other use. Use only recommended accessories.

All operators shall read, understand and exercise the following safety precautions:

- 1) Do not operate machine:
- Unless trained and authorized
- Unless you have read and understand operators manual
- In flammable or explosive areas.
- With damaged or modified cord or plug.
- If not in proper operating condition.
- In outdoor areas.
- In standing water.
- Without filters in place.
- With the use of unapproved extension cords.
- 2) Before operating machine:
- Make sure all safety devices are in place and operate properly.
- 3) When using machine:
- Mix and handle any chemicals according to manufacturer's recommendations
- Do not run machine over cord.
- Do not pull machine by cord or plug.
- Do not pull cord around sharp edges or corners.
- Do not unplug by pulling on the cord.
- Do not stretch cord.
- Do not handle plug with wet hands.
- Keep cord away from heated surfaces.
- Do not pick up flammable materials or reactive metals.
- Report machine damage or faulty operation immediately.
- 4) Before leaving or servicing machine:
- Turn off machine.
- Unplug power cord from outlet.
- 5) When servicing machine:
- Unplug cord from outlet.
- Use manufacturer supplied or approved replacement parts.
- Avoid moving parts. Don't wear loose clothing.

#### **CARPET SPOTTER - SETUP**

#### !!! Read operators manual thoroughly prior to operating or servicing this machine!!!

Carefully check the shipping carton for signs of damage. Report any carton damage to carrier immediately.

Check carton contents to ensure carton is complete. Contact your distributor if anything is missing. Contents:

- Carpet Spotter
- Vacuum & Solution hoses
- Hand tool

#### !!! Read operators manual thoroughly prior to operating or servicing this machine!!!

1) Using a hose or bucket, fill tank with a maximum of 1 gallon of water.



!!! Do not use flammable liquids or operate machine in or near flammable liquids or vapors!!!

- 2) Connect the solution hose and vacuum hose to the machine.
- 3) Connect the power cable to a grounded wall outlet. (see grounding instructions)

#### **MACHINE OPERATION**

#### PRIOR TO REMOVING SPOTS

- 1) Inspect power cable for damage. Replace cable if damage is found.
- 2) Vacuum carpet to remove debris prior to extracting the spot.

#### SPOT REMOVAL

1) Turn on vacuum / pump switch. NOTE: Solution will only spray when the spray handle(on the hand tool) is pulled.

 To start cleaning, pull the spray handle (hand tool) and begin to pull the tool backwards over the spot.



NOTE: For best cleaning results, use the built-in agitation brush on the hand tool to help loosen stain.

- Release spray handle when you have reached the end of the spot. Continue to pull hand tool back for another 4 inches to pick up excess solution.
- 4) Continue until spot is removed.

#### **OPERATING HINTS**

1) Use cool water only. Hot water may set a stain.

- 2) Use the built-in agitation brush to help free up stain.
- Continually check for foam buildup in recovery tank. Use a distributor recommended foam control solution.

NOTE: Excessive foam buildup will cause damage to the vacuum motor.

4) Repeat extraction path on heavily soiled areas.

5) When recovery of the dirty solution ends, or the solution tank is empty, you must drain the recovery tank. (see TANK DRAINING)

#### **DRAINING TANKS**

#### DRAINING SOLUTION TANK

- 1) Turn machine off and unplug from power source.
- 2) Disconnect solution and vacuum hoses from front of machine.
- 3) Unhook clamps on recovery tank and remove recovery tank from machine.
- 4) Carry solution tank to an approved drain, and dump out contents.

#### DRAINING RECOVERY TANK

- 1) Turn off machine and unplug from power source.
- 2) Unhook clamps on recovery tank and remove recovery tank from machine.
- 3) Carry recovery tank to an approved drain and dump out contents.



4) Rinse recovery tank with clean water.5) Reattach recovery tank to the solution tank.

#### MACHINE MAINTENANCE

To keep the machine performing well for many years, please follow the following maintenance procedures.

#### **!!!** Always confirm that the machine is unplugged prior to performing any maintenance or repairs**!!!**

#### DAILY MAINTENANCE

- When cleaning operation is complete for the day, drain and rinse the recovery tank thoroughly with clean water.
- 2) Remove remaining solution from solution tank.
- 3) Remove vacuum filter and rinse with clean water.
- 4) Replace filter when dry.



5) Remove and inspect spray jet. If necessary, clean jet.

## NOTE: Do not clean jet with a pointed object, as it will damage the jets.

- Check brush strip & remove any debris or carpet fibers.
- 7) Check pick up head on hand tool and remove any debris or carpet fibers.
- 8) Clean machine with a nonabrasive cleaner.
- 9) Inspect power cable for any damage. Replace if necessary.

#### MONTHLY MAINTENANCE

1) Flush pump & plumbing with an acetic acid solution to dissolve any chemical buildup.

Mixing Instructions:

- a) Premix 8 oz. of an acetic acid solution with 1 gallon of water and pour into solution tank.
- b) Turn vacuum / pump switch on
- c) Put floor tool head over floor drain and pull solution trigger for one (1) minute.
- d) Turn machine off and allow remaining solution to sit in machine overnight.
- e) The following day, spray out remaining solution and flush system again with 1 gallon of clean water.
- 2) Inspect machine for water leaks.
- 3) Check machine for loose or missing nuts, screw and bolts and replace as necessary.

#### **MACHINE STORAGE**

- 1) Prior to storing the machine, ensure the solution and recovery tanks are clean and empty of any solution.
- Store machine in upright position in a dry area, with the vacuum hose removed for air circulation.

NOTE: If you are storing the machine in an area which can freeze, be sure both tanks and the solution plumbing are empty of all water and dry!

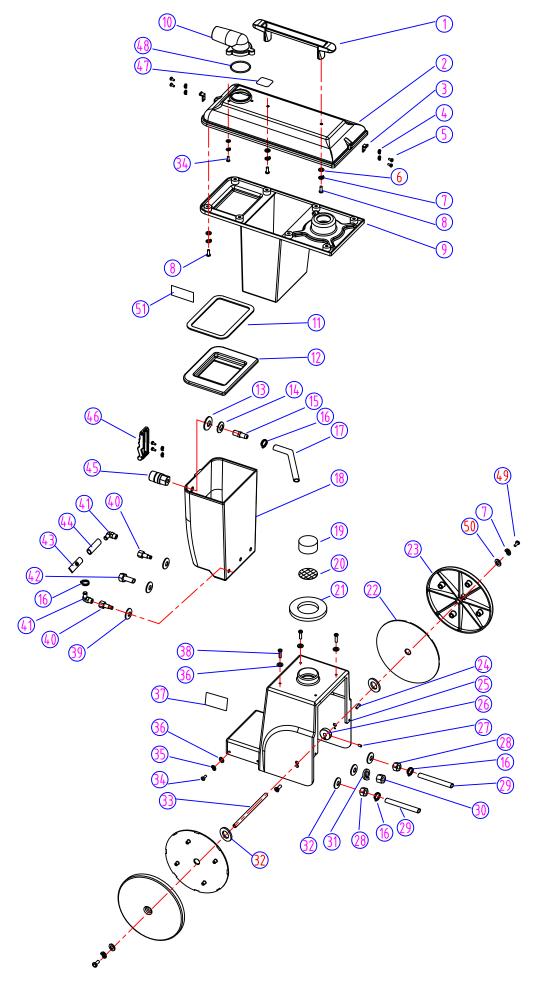


#### BASIC TROUBLESHOOTING

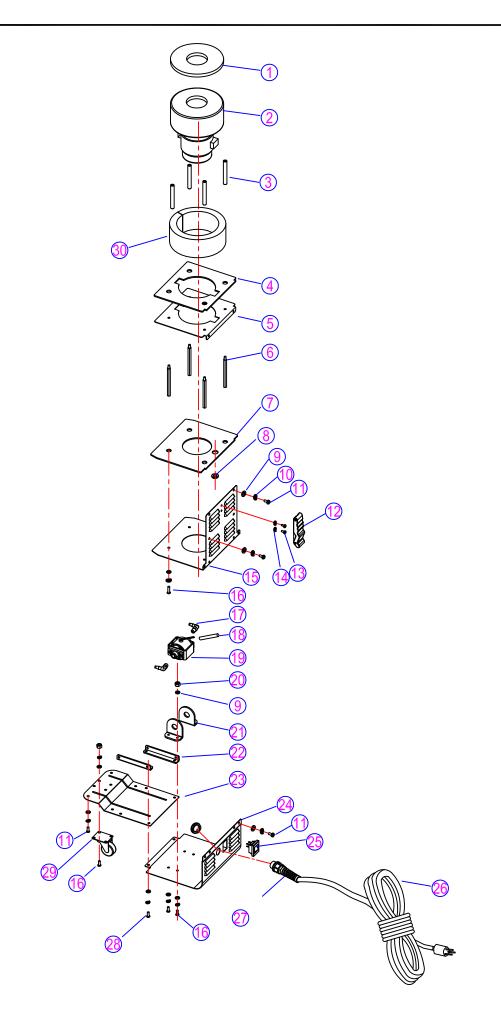
| PROBLEM                  | CAUSE                                     | SOLUTION                                                          |
|--------------------------|-------------------------------------------|-------------------------------------------------------------------|
|                          | Not plugged in to power source            | Plug into a grounded outlet                                       |
| Machine<br>doesn't work  | Faulty power cable                        | Contact Distributor                                               |
|                          | Faulty extension power cable              | Replace with new extension power<br>cable                         |
|                          | Building circuit breaker tripped          | Reset circuit breaker                                             |
|                          | Vacuum / pump switch not on               | Turn on switch                                                    |
|                          | Vacuum / pump switch faulty               | Contact Distributor                                               |
| Solution                 | Faulty solenoid                           | Contact Distributor                                               |
| pump not                 | Faulty solution pump                      | Contact Distributor                                               |
| working                  | Pump overheated                           | Determine cause and allow 30 minutes for pump to cool             |
|                          | Loose or broken wiring                    | Contact Distributor                                               |
|                          | Vacuum / pump switch not on               | Turn on switch                                                    |
|                          | Vacuum / pump switch faulty               | Contact Distributor                                               |
| Vacuum                   | Vacuum motor thermal overload             | Check for obstruction and allow 30                                |
| motor not                | tripped                                   | minutes to cool                                                   |
| working                  | Faulty vacuum motor                       | Contact Distributor                                               |
| norming                  | Worn carbon brushes                       | Contact Distributor                                               |
|                          | Loose or broken wiring                    | Contact Distributor                                               |
|                          | Air leaking around recovery gasket        | Ensure recovery lid is firmly tightened                           |
|                          | Vacuum gasket damaged or worn             | Replace gasket                                                    |
|                          | Loose vacuum hose connections             | Ensure vacuum hose connections are tight                          |
| Poor pick up             | Defective vacuum hose                     | Replace vacuum hose                                               |
|                          | Loose vacuum hose cuffs                   | Ensure cuffs are secure to the housing                            |
|                          | Vacuum hose clogged                       | Remove obstruction from vacuum hose                               |
|                          | Solution tank is empty or low             | Fill solution tank                                                |
|                          | Vacuum / pump switch not on               | Turn on switch                                                    |
|                          | Dirty or plugged spray tips               | Clean or replace spray tips                                       |
| Uneven or<br>no solution | Improper spray tip size or spray<br>angle | Contact Distributor                                               |
|                          | Worn spray tips                           | Contact Distributor                                               |
| spray                    | Faulty solution pump                      | Contact Distributor                                               |
|                          | Clogged solution tank filter              | Clean or replace filter                                           |
|                          | Pinched or kinked solution hose           | Check for obstructions and kinks and reroute or replace if needed |

### **Technical Specifications:**

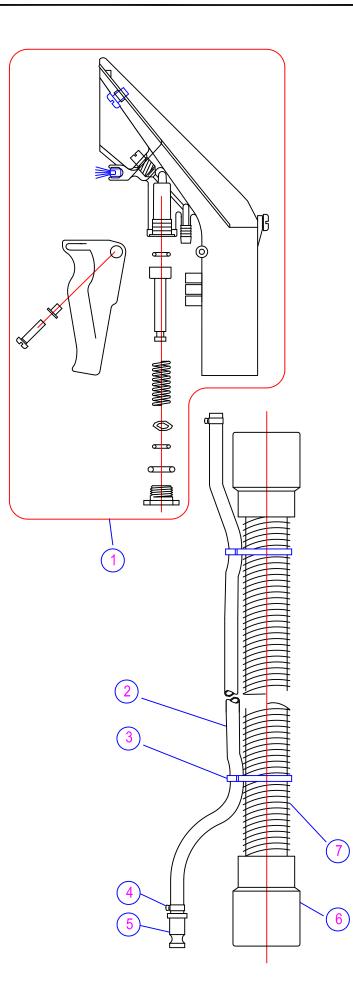
| Gallon Capacity | 1 Gal (3.79Ltr) |
|-----------------|-----------------|
| Cleaning Path   | 4" (10.2cm)     |
| Pump            | 30PSI           |
| Vac Motor       | 2-Stage         |
| Voltage         | 110V            |
| Waterlift       | 85" (215.9cm)   |
| Cable           | 25ft.           |
| Wheels          | 8" (203.2mm)    |
| Vacuum Hose     | 8.2ft.          |
| Solution Hose   | 8.5ft.          |



| DIA<br>NO. | PART<br>NUMBER       | DESCRIPTION                            | NO.<br>REQ'E |
|------------|----------------------|----------------------------------------|--------------|
| 1          | VV68104TP            | HANDLE / CORD WRAP                     | 1            |
| 2          | VV68201-2            | COVER, RECOVERY TANK                   | 1            |
| 3          | VF83109-7            | HOOK                                   | 2            |
| 4          | VV20291              | WASHER, LOCK, M4                       | 6            |
| 5          | VV13667              | SCREW, PH, M4 X 8                      | 6            |
| 6          | VF13614              | WASHER, PLAIN, M6                      | 10           |
| 7          | VV13607              | WASHER, LOCK, M6                       | 12           |
| 8          | VF14200              | SCREW, PH, M6 X 16                     | 12           |
| 9          | VV68201-1            | RECOVERY TANK                          | 1            |
| 10         | VV68201-3            | ELBOW, HOSE BARB                       | 1            |
| 11         | VV68115              | GASKET, RECOVERY TANK                  | 1            |
| 12         | VV68301-2            | COVER, SOLUTION TANK                   | 1            |
| 13         | VV68130              | WASHER, SEAL                           | 1            |
| 14         | VV20274A             | WASHER, PLAIN, M14                     | 1            |
| 15         | VV68135              | BARB, HOSE                             | 1            |
| 16         | VF46400              | CLAMP                                  | 4            |
| 17         | VV68141              | HOSE                                   | 1            |
| 18         | VV68301-1            | SOLUTION TANK                          | 1            |
| 10         | VV68113              | FILTER, VAC MOTOR                      | 1            |
| 20         | VV68114              | SCREEN                                 | 1            |
| 20         | VV68111              | GASKET, SOLUTION TANK, 4"              | 1            |
| 22         | VV68127TP            | COVER                                  | 2            |
| 23         | VV68105TP            | WHEEL, 8"                              | 2            |
| 23         | VF14301              | SCREW, M4 X 12                         | 2            |
| 24         | VV68101              | HOUSING                                | 1            |
| 25         | VV68119              | COLLAR                                 | 2            |
| 20         | VF13525              | SCREW, M6 X 8                          | 2            |
| 28         | VV13665              | NUT, M10 X 1                           | 2            |
| 29         | VV68143              | HOSE                                   | 2            |
| 30         | VF14005              | NUT, M10                               |              |
| 30         | VF13518              | WASHER, LOCK, M10                      | 1            |
| 31         | VF13537              | WASHER, LOCK, MID<br>WASHER, PLAIN,MID | 5            |
| 33         |                      | AXLE                                   | 1            |
| 33         | VV68118<br>VV20501   | SCREW, PH, M5 X 14                     | 7            |
| 35         | VV13601              | WASHER, LOCK, M5                       | 7            |
| 36         | VV13662              | WASHER, LOCK, M5<br>WASHER, PLAIN, M5  | 7            |
| 37         | VV68133TP            | DECAL, SERIAL                          | , 1          |
| 38         | VV081331F<br>VV13635 | SCREW, PH, M5 X 20                     | 4            |
| 39         | VV68132              | WASHER, SEAL                           | 3            |
| 40         |                      | HOSE BARB                              | 2            |
| 40         | VV68128<br>RD60128   | ELBOW, HOSE BARB                       | 2            |
| 41         | VF13634              | BOLT, M10 x 30                         | 2            |
| 42         | RD10461              | SCREEN                                 | 1            |
| 43         | VV68142              | HOSE                                   | 1            |
| 44<br>45   |                      |                                        | 1            |
|            | VV80208              |                                        |              |
| 46<br>47   | VF83109              |                                        | 1            |
|            | VV68308              | LABEL, DRAINING                        | 1            |
| 48         | VV68145              | SEALER                                 | 1            |
| 49<br>50   | VV60220S1            | SCREW,M6 X 16                          | 2            |
| 50         | VF13533              | WASHER, PLAIN, M6                      | 2            |



| DIA<br>NO. | PART<br>NUMBER | DESCRIPTION                     | NO.<br>REQ'D |
|------------|----------------|---------------------------------|--------------|
| 1          | VV68112        | GASKET, VAC MOTOR, 5.75"        | 1            |
| 2          | ZD49000A       | VACUUM MOTOR, 110V              | 1            |
| 3          | VV68116        | SPACER, VAC MOTOR               | 4            |
| 4          | VV68110        | GASKET, VAC MOTOR               | 1            |
| 5          | VV68109        | MOUNTING PLATE, VAC MOTOR       | 1            |
| 6          | VV68117        | SPACER, VAC PLATFORM            | 4            |
| 7          | VV68120        | GASKET, BAFFLE                  | 1            |
| 8          | YQ60504        | RING                            | 1            |
| 9          | VV13662        | WASHER, PLAIN, M5               | 32           |
| 10         | VV13601        | WASHER, LOCK, M5                | 28           |
| 11         | VF14214        | SCREW, PH, M5 X 8               | 12           |
| 12         | VF83109        | САТСН                           | 1            |
| 13         | VF13666        | SCREW, PH, M4 X 6               | 2            |
| 14         | VV20291        | WASHER, LOCK, M4                | 2            |
| 15         | VV68107        | BAFFLE & REAR PANEL             | 1            |
| 16         | VV20501        | SCREW, PH, M5 X 14              | 16           |
| 17         | RD60128        | BARB, HOSE                      | 2            |
| 18         | RD50258        | DIODE ASSEMBLY                  | 1            |
| 19         | RD50264        | PUMP, 110V                      | 1            |
| 20         | VV13633        | NUT, M5                         | 8            |
| 21         | VV68126        | BRACKET, PUMP MOUNTING          | 2            |
| 22         | VV68108-2      | CONNECTOR                       | 2            |
| 23         | VV68108-1      | BOTTOM MOUNT PLATE              | 1            |
| 24         | VV68106        | MOUNTING PLATE, SWITCH ASSEMBLY | 1            |
| 25         | VA91346        | SWITCH ASSEMBLY                 | 1            |
| 26         | VV30183        | POWER CORD                      | 1            |
| 27         | VF99008B       | CORD STRAIN RELIEF              | 1            |
| 28         | VV20509        | PH SCREW, M5X10                 | 4            |
| 29         | VV68123        | CASTER, 1.5"                    | 1            |
| 30         | VV68183        | SPONGE                          | 1            |



| DIA<br>NO. | PART<br>NUMBER | DESCRIPTION       | NO.<br>REQ'D |
|------------|----------------|-------------------|--------------|
| 1          | *****          | HAND TOOL         | 1            |
| 2          | VV68148        | SOLUTION HOSE     | 1            |
| 3          | RD20652        | CABLE TIE         | 8            |
| 4          | RD11177        | CLAMP, HOSE       | 2            |
| 5          | RD80784        | COUPLER, MALE END | 1            |
| 6          | RD60388        | HOSE END          | 2            |
| 7          | VV68147        | HOSE              | 1            |

\*\*\*\*\*\*\* Contact distributor

## Wiring Diagram

