

SERVICE MANUAL

WP16-6

16L RECHARGEABLE BACKPACK SPRAYER

SERVWP16-6 REV B – 9/11/2019

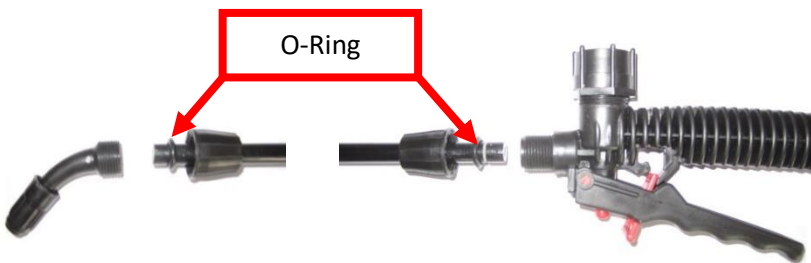


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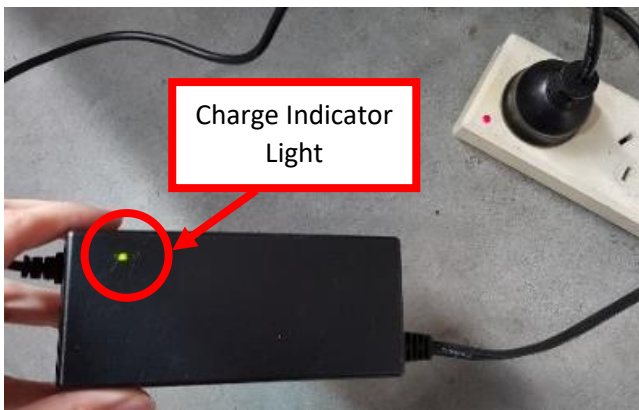
website: <https://www.silvan.com.au/service-manuals/>

TROUBLE SHOOTING GUIDE

Problem	Solution
Spray lance Leaking	Check O-Ring is fitted 

Problem	Solution
Checking Blocked Filters	- There are <u>2 filters</u> in the sprayer. One in the handle.  - The other is on the end of the suction hose inside the tank.   

TROUBLESHOOTING GUIDE

Problem	Solution
Battery charger is not charging or battery related issues	- Connect the charger to the 240V power supply but do not connect the charger to the sprayer. The light on the charger should be GREEN.  - Now connect charger to sprayer. -RED colour is normal and indicates the battery is now charging. -GREEN colour indicates the battery is fully charged. To confirm the battery is fully charged run the pump and the charger light will then change from GREEN to RED If the charger light remains green and the battery is not fully charged then the battery box must be removed to check the fuse and any loose wires.

TROUBLESHOOTING GUIDE

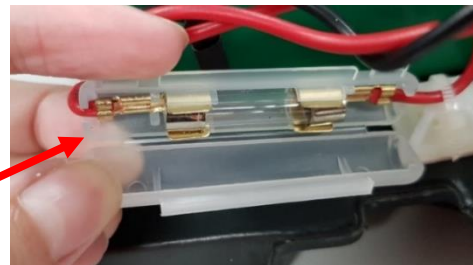
Problem	Solution
Removing the battery box	Unbuckle the harness to make it easier to access the battery box. Turn the retaining clips to allow the battery box to be removed  CLOSED POSITION OPEN POSITION
	Disconnect the battery box plug if you need to remove it completely  BATTERY BOX

Checking the battery connection and fuse

- Ensure wires are connected to the battery properly



- Check inline fuse has not blow. Replace if required.



TROUBLESHOOTING GUIDE

Pump operates with no flow rate or reduced flow

- The pump will not prime unless the gun trigger is **ON**
- Check filter, nozzles and spray lines for any blockages
- If the sprayer has not been used for some time or has been left with chemical in it, then the pump valves may become stuck. If this happens the pump will run but no liquid is pumped. If this happens you can use the hand operated vacuum pump to prime the pump as follows:

1. Empty the tank and spray hose of liquid
2. Make sure the power switch on the knapsack is off
3. Connect the hand pump as shown in the pictures below and **lock the trigger on**
4. Pump the handle to draw some air and unblock the pump valves
5. Clean the vacuum pump after use



Alternatively apply a small amount of pressure to the suction line by placing a garden hose over the suction hose inside the tank while the pump is running.

SPARE PARTS



	Part Number	Description
1	382-001	Lid Suit 20L Weedpak
2	382-040	Harness Suit WP16-1 & WP16-6
3	382-010	Complete Gun Assy Suit KN15-1 & WP16-1/6
4	118-149	Rocker Switch
5	382-072	Pump 6V Suit WP16-6
6	118-092	Fuse M205 15AMP (Pack of 5) – 20mm length
7	118-040	Fuse 3AG 10AMP (Pack of 5) – 30mm length
8	382-075	Bat Charger Round Plug 7.2V Lithium
9	382-075B	Bat Charger Square Plug 2 Pin Lithium
10	BAT4	Battery 6AH – 6 Volts
11	BAT6	Battery Lithium 7.4 Volts

