

SERVICE MANUAL

WP16-6

16L RECHARGABLE BACKPACK SPRAYER

SERVWP16-6 REV B - 9/11/2019







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TROUBLE SHOOTING GUIDE



Problem	Solution
Spray lance Leaking	<ul style="list-style-type: none">• Check O-Ring is fitted 

Problem	Solution
Checking Blocked Filters	<ul style="list-style-type: none">• There are <u>2 filters</u> in the sprayer. One in the handle.  <ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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.  <ul style="list-style-type: none">• Now connect charger to sprayer.<ul style="list-style-type: none">-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 <p>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.</p>

TROUBLESHOOTING GUIDE

Problem	Solution
	<ul style="list-style-type: none"> Unbuckle the harness to make it easier to access the battery box. Turn the retaining clips to allow the battery box to be removed 
<p>Removing the battery box</p>	<ul style="list-style-type: none"> Disconnect the battery box plug if you need to remove it completely  <p style="text-align: center;">BATTERY BOX</p>

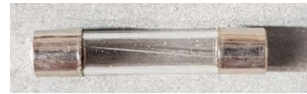
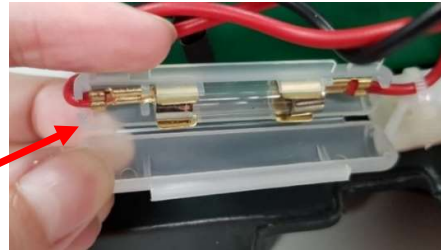
TROUBLESHOOTING GUIDE

Checking the battery connection and fuse

- Ensure wires are connected to the battery properly



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

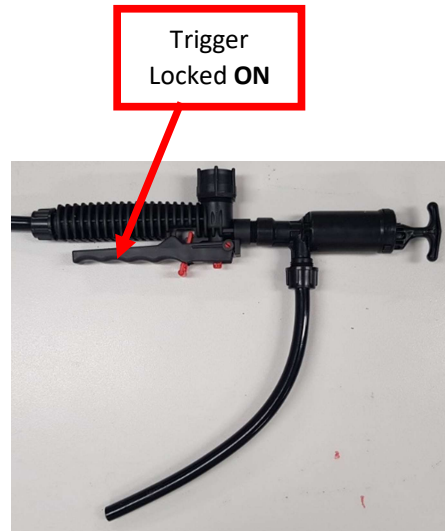


TROUBLESHOOTING GUIDE

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	118-140 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

Exploded View

