

# SERVICE MANUAL

## TR13-1

### 13L TROLLEY SPRAYER

*SRVTR13-1 REV B – 22/10/2019*

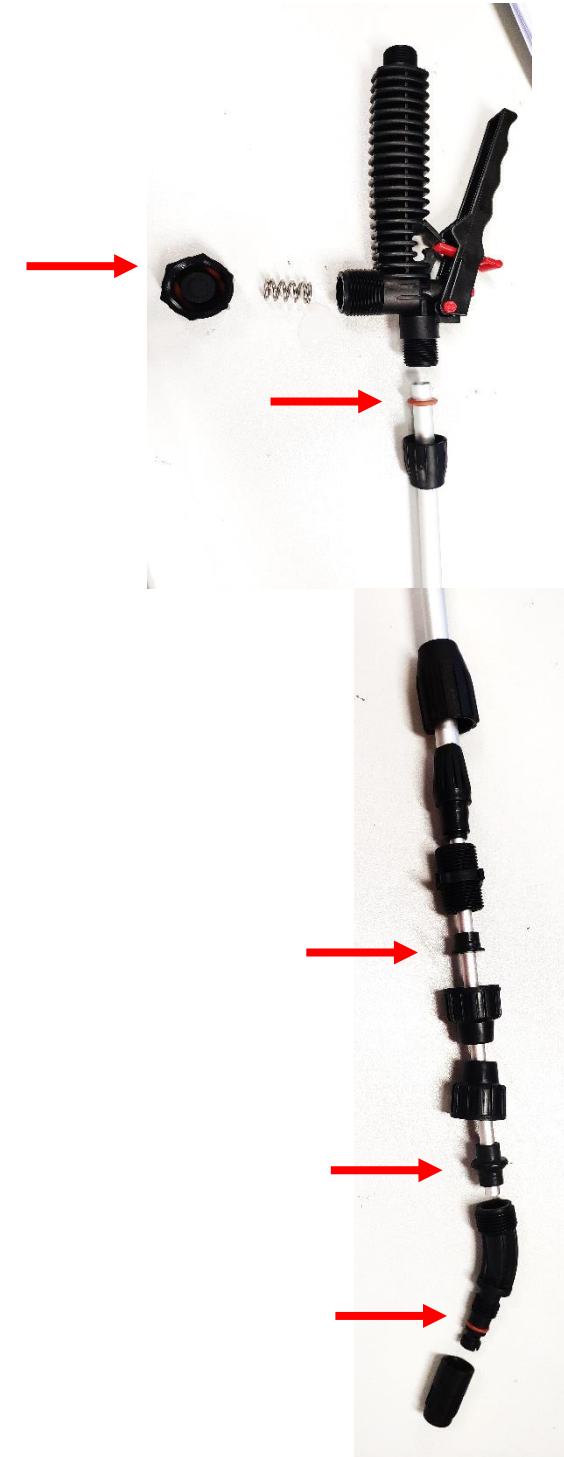


FOR SERVICE SUPPORT PH 1300745826 (AUST) OR 0508 745826 (N.Z)

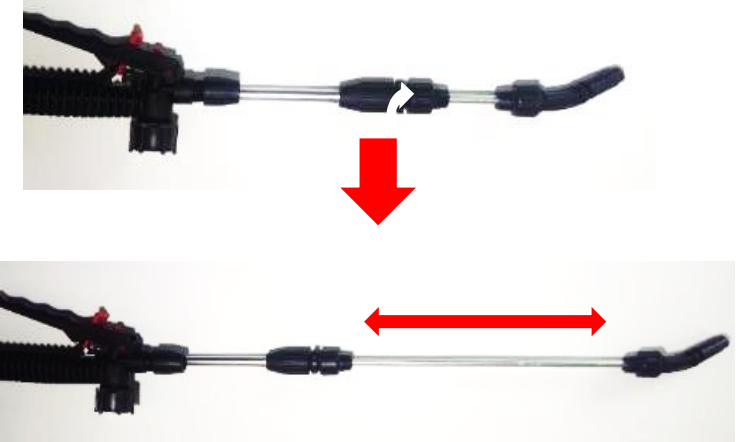


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# TROUBLESHOOTING GUIDE

Problem	Solution
Spray Lance Leaking	<ul style="list-style-type: none"><li>• Check the spray lance to ensuring the rubber seals are fitted. Check the nuts are tightened.</li></ul> <p style="text-align: center; border: 2px solid red; padding: 5px;">SEAL POSITIONS</p> 

# TROUBLESHOOTING GUIDE

<p>CONTINUED.</p> <p>Spray Lance Leaking</p>	<ul style="list-style-type: none"> <li>The spray lance length can be adjusted by loosening the nut as shown below, extending the lance to the desired length, and retightening.</li> </ul> 
<p>There is pressure inside tank but limited or no flow from the nozzle</p>	<ul style="list-style-type: none"> <li>Unscrew the spray gun from the hose to access the filter inside the gun handle to clean.</li> </ul>  <ul style="list-style-type: none"> <li>The nozzle is blocked. Unscrew the black coloured nozzle from the end of the gun and clean all parts.</li> </ul> 

# TROUBLESHOOTING GUIDE

Problem	Solution
<p>No or limited pressure inside the tank.</p>	<ul style="list-style-type: none"><li>• Air Leak:<ul style="list-style-type: none"><li>• Check safety air release valve is tightly fitted, not damaged or making “hiss” noise. Remove, clean then refit. Unscrew valve and make sure O-Ring is in place.</li></ul></li></ul>   <p><b>SAFETY AIR RELEASE VALVE</b></p> <p><b>O-RING</b></p> <ul style="list-style-type: none"><li>• Check Spray hose connection is tightly fitted and connection not making “hiss” noise. Use soapy water on an absorbent rag to wet the outside of the fitting to detect small leak. Make sure O-ring is in place.</li></ul>   <p><b>O-RING</b></p> <p><b>SPRAY HOSE CONNECTION</b></p>

# TROUBLESHOOTING GUIDE

Problem	Solution
<p>CONTINUED.</p> <p>No or limited pressure inside the tank.</p>	<ul style="list-style-type: none"> <li>Check pump assembly is screwed in tight. Pull out pump to check for dirt or damage of O-Ring, replace if necessary.</li> </ul> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p style="text-align: center; margin: 10px 0;"><b>UNSCREW</b></p> <ul style="list-style-type: none"> <li>Pump will not pump:             <ul style="list-style-type: none"> <li>Check diaphragm on end of pump is clean, remove and wash under clean water or replace if damaged. Look particularly for grit or fibres under the diaphragm</li> </ul> </li> </ul> <div style="display: flex; justify-content: center; align-items: center; margin: 10px 0;">  </div> <div style="display: flex; justify-content: center; align-items: center; margin: 10px 0;">   </div> <p style="text-align: center; margin: 10px 0;"><b>DIAPHRAGM</b></p>

# TROUBLESHOOTING GUIDE

- Check pump seal on the piston is clean and lubricated or replace if necessary.

To access the pump seal, the pump will need to be opened. Turn the top of the pump to unlock, then pull out the piston.

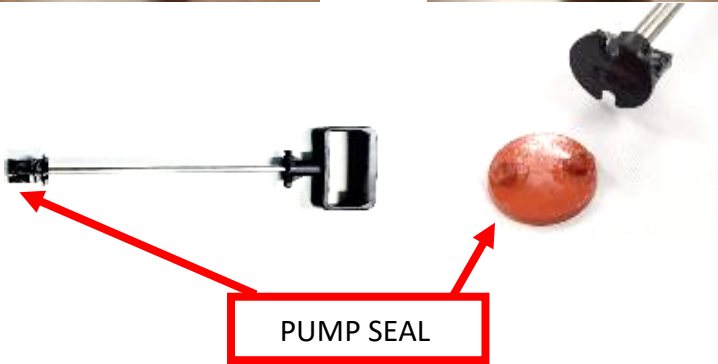


LOCKED POSITION  
TURN TO UNLOCK

UNLOCKED  
PULL OUT VERTICALLY

CONTINUED

No or limited pressure inside the tank.



# TROUBLESHOOTING GUIDE

Problem	Solution
<p>The sprayer sprays air without water</p>	<ul style="list-style-type: none"><li data-bbox="459 309 1214 338">• Check the suction tube inside the tank has not come loose.</li></ul> <div data-bbox="571 376 890 846"></div> <div data-bbox="986 376 1257 846"></div> <ul style="list-style-type: none"><li data-bbox="459 884 815 913">• Push suction tube fully in.</li></ul> <div data-bbox="475 936 927 1220"></div> <div data-bbox="954 936 1369 1220"></div>

# Spare Parts



	<b>Part Number</b>	<b>Description</b>
1	382-097	Extendable Lance Only
2	TR13-23	Handle Lock Nut Suit TR13-1
3	TR13-21	Pump Assembly Suit TR13-1
4	TR13-22	Seal Service Kit Suit TR13-1
5	TR13-24	Safety Release Valve Suit TR13-1