



### Semco® 1250-A Battery Powered Dispensing Tool

Always remember to remove battery before attempting to service the tool

| Symptom  | Possible cause   | Recommended action  |
|--|--|---|
| Nothing happens when power trigger is pulled               | <ul style="list-style-type: none"> <li>Battery discharged</li> <li>Battery not fully installed</li> <li>Check to ensure the sealant cartridge and retainer have been installed correctly</li> <li>Battery or tool terminals are bent or damaged</li> </ul>                       | <ul style="list-style-type: none"> <li>Recharge battery</li> <li>Push battery on fully, until it clicks</li> <li>Unscrew retainer and check cartridge installation</li> <li>Return to Semco for repair</li> </ul>   |
| The tool stalls during use                                 | <ul style="list-style-type: none"> <li>Normal operation based on viscosity of material</li> <li>Battery discharged</li> <li>Cured material in nozzle or cartridge</li> <li>Material is too cold</li> </ul>   | <ul style="list-style-type: none"> <li>This is normal performance for the Semco 1250-A. Internal electronics include a torque limiter which stalls the motor automatically if the ram head meets sufficient resistance, such as when cold or cured material is present.</li> <li>Recharge battery</li> <li>Remove cured material</li> <li>Warm material to recommended dispensing temperature</li> </ul>                                      |
| The tool is running too slowly                             | <ul style="list-style-type: none"> <li>Battery discharged</li> </ul>   | <ul style="list-style-type: none"> <li>Recharge battery</li> </ul>  |
| Material is on the rack                                    | <ul style="list-style-type: none"> <li>Blow-by or bag-wrap</li> </ul>  | <ul style="list-style-type: none"> <li>It is very important that material not be drawn back into the tool. Therefore, do not push clutch trigger and retract the rack. After removing the cartridge and cartridge holder, remove rack handle from rack, and pull rack forward through the tool. Clean rack and re-assemble. Never pull the rack backwards through the tool as this will contaminate the gears and damage the tool.</li> </ul> |
| Material is on the ram head                                | <ul style="list-style-type: none"> <li>By-pass, or improper installation of the sealant cartridge</li> </ul>   | <ul style="list-style-type: none"> <li>Remove screw from center of ram head and thoroughly manually clean all components of expandable head with low solvent cleaner.</li> </ul>  |
| Material is on the inner or outer wall of plastic retainer | <ul style="list-style-type: none"> <li>Tearing of foil packaging possibly by improper opening of adhesive/sealant</li> </ul>   | <ul style="list-style-type: none"> <li>Remove plastic retainer completely from tool and clean manually with low solvent cleaner</li> <li>Care is needed not to crack or damage plastic retainer See below</li> </ul>  |
| Sealant bypass   | <ul style="list-style-type: none"> <li>Cartridge is not seated properly in the cartridge holder</li> <li>Material is too cold</li> <li>Cured material in nozzle</li> <li>Expired material</li> <li>Damaged or worn ram head</li> <li>Material is built up on ram head</li> </ul> | <ul style="list-style-type: none"> <li>Ensure cartridge is fully seated</li> <li>Warm the material</li> <li>Remove cured material and/or replace nozzle</li> <li>Replace material with known good material</li> <li>Replace piston</li> <li>Clean or replace ram head</li> </ul>  |

# Semco® 1250-A

## Battery Powered Dispensing Tool

|   |  |   |
|---|--|---|
| <p>Cannot pull back rack</p>  | <ul style="list-style-type: none"> <li>• Clutch trigger is not fully depressed</li> <li>• Material found in gears</li> </ul>   | <ul style="list-style-type: none"> <li>• Fully depress clutch trigger and retract rack</li> <li>• After removing cartridge and cartridge holder, remove rack handle from rack, and pull rack forward through the tool. Clean rack and re-assemble. Never pull the rack backwards through the tool as this will contaminate the gears and damage the tool. If the rack cannot be removed, return it to the service center for repair.</li> </ul> |
| <p><b>Battery does not charge</b></p>  <p>Attempt to determine if it is the battery or the charger which is faulty by testing battery with known good charger and/or by testing charger with known good battery.</p> | <ul style="list-style-type: none"> <li>• Battery is either too hot or too cold</li> <li>• Charger is not powered</li> <li>• Battery is not properly seated on charger</li> <li>• Defective battery or charger</li> </ul>                                       | <ul style="list-style-type: none"> <li>• Allow battery to return to allowable temperatures (see manual)</li> <li>• Check power source and ensure red power light is illuminated on charger</li> <li>• Remove and properly reseal battery</li> <li>• Return defective part(s) to the service center</li> </ul>   |
| <p><b>Difficulty inserting rack into the tool</b></p>  <p>Always remove battery before inserting rack. Never activate motor when installing rack, as tool damage may occur.</p>                                      | <p><b>Bent rack tooth on end of rack</b></p> <ul style="list-style-type: none"> <li>• Clutch trigger is not depressed</li> <li>• Screw is threaded into the end of rack</li> <li>• Pinion gear is misaligned or rack teeth are misaligned with gear</li> </ul> | <p><b>Insert opposite end of rack into the tool. If this inserts smoothly, replace rack.</b></p> <ul style="list-style-type: none"> <li>• Depress clutch trigger</li> <li>• Remove screw before inserting rack</li> <li>• Ensure rack teeth are properly aligned, and insert rack using a slight side-to-side wiggling motion</li> <li>• If issue is not with rack, contact Semco</li> </ul>  |
| <p>Cartridge holder is loose on the tool</p>  | <ul style="list-style-type: none"> <li>• End cap is not tightened to the tool</li> <li>• Plastic retainer is incompletely threaded into quick thread end cap</li> </ul>  | <ul style="list-style-type: none"> <li>• Tighten cartridge nut with 1/2" drive square</li> <li>• Tighten cartridge holder or plastic retainer into quick thread end cap</li> </ul>  |

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