

## Troubleshooting

Problem	Cause	Correction
Pump fails to produce pressure, has erratic pressure, chattering, loss of pressure, low water volume.	<ol style="list-style-type: none"> <li>1. Low pressure nozzle installed.</li> <li>2. Water inlet is obstructed.</li> <li>3. Inadequate water supply.</li> <li>4. Inlet hose kinked or leaking.</li> <li>5. Clogged hose inlet screen.</li> <li>6. Water supply is over 100 °F (37.8 °C).</li> <li>7. High-pressure hose is obstructed, or leaks.</li> <li>8. Spray gun leaks.</li> <li>9. Nozzle is obstructed.</li> <li>10. Pump is faulty.</li> <li>11. Belt is worn</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace with high-pressure nozzle.</li> <li>2. Clean inlet.</li> <li>3. Provide adequate water flow.</li> <li>4. Straighten inlet hose, patch leak.</li> <li>5. Inspect and clean inlet hose screen.</li> <li>6. Provide cooler water supply.</li> <li>7. Clear obstructions or replace hose.</li> <li>8. Replace spray gun.</li> <li>9. Clean nozzle.</li> <li>10. Contact authorized servicing dealer.</li> <li>11. Contact local service facility to replace belt</li> </ol>
Detergent fails to mix with spray.	<ol style="list-style-type: none"> <li>1. Detergent siphoning tube is not submerged.</li> <li>2. Detergent siphoning tube/filter is obstructed or cracked.</li> <li>3. High-pressure nozzle installed.</li> </ol>	<ol style="list-style-type: none"> <li>1. Insert detergent siphoning tube into detergent.</li> <li>2. Clean or replace filter/detergent siphoning tube.</li> <li>3. Install low-pressure nozzle.</li> </ol>
Engine runs well at no-load, but bogs when load is applied.	<ol style="list-style-type: none"> <li>1. Engine speed too low.</li> </ol>	<ol style="list-style-type: none"> <li>1. Contact authorized servicing dealer.</li> </ol>
Engine will not start, or starts and runs rough.	<ol style="list-style-type: none"> <li>1. Low oil level, "Oil Alert System".</li> <li>2. Dirty air filter.</li> <li>3. Out of fuel</li> <li>4. Stale fuel.</li> <li>5. Spark plug wire not connected to plug.</li> <li>6. Bad spark plug.</li> <li>7. Water in fuel.</li> <li>8. Excessively rich fuel mixture.</li> <li>9. Engine switch OFF.</li> </ol>	<ol style="list-style-type: none"> <li>1. Fill crankcase to proper level.</li> <li>2. Clean or replace air filter.</li> <li>3. Fill fuel tank.</li> <li>4. Replace with fresh fuel.</li> <li>5. Connect wire to spark plug.</li> <li>6. Replace spark plug.</li> <li>7. Drain fuel tank, replace with fresh fuel.</li> <li>8. Contact authorized servicing dealer.</li> <li>9. Turn engine switch ON.</li> </ol>
Engine shuts down during operation/	<ol style="list-style-type: none"> <li>1. Out of fuel.</li> </ol>	<ol style="list-style-type: none"> <li>1. Fill fuel tank.</li> </ol>
Engine lacks power.	<ol style="list-style-type: none"> <li>1. Dirty air filter.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace air filter.</li> </ol>