### TROUBLESHOOTING

<table>
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<th>Problem</th>
<th>Solution</th>
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| 1) Air pump does not cycle, air rushing out exhaust port. | 223371 Rubber Cushion on Spring may have been dislodged - Replace rubber cushion.  
223187 Valve & Plunger may be stuck open - Clean valve and valve seat. Replace valve & plunger if necessary.  
Weep holes in 223183 Retainer Plug may be plugged - Remove and clean. Reassemble to dimension shown on front page.  
Return Spring may be broken - Replace spring. |
| 2) Air pump does not cycle, no air from exhaust port. | 223187 Valve & Plunger not opening - Check for bent 223202 Trip Washer or a bent or rusted valve plunger. Replace parts as necessary. |
| 3) Jack raises load slower than normal, air pump cycles slowly. | Air restriction in line between air valve and air pump - Clear restriction from hose or air valve;  
Weep holes in 223183 Retainer Plug may be plugged - Remove and clean. Reassemble to dimension shown on front page. |
| 4) Jack raises load slower than normal, air pump cycles rapidly. | Trip Spring may be deformed or broken - Replace trip spring. |

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**RETAIN THIS INFORMATION FOR FUTURE REFERENCE**

When ordering replacement parts, list: Part Number, Description, Model Number, and Series Letter.

LINCOLN provides a Distributor Network that stocks equipment and replacement parts.