Problem: Unit doesn’t cycle in manual mode

- Does it cycle in Manual Mode?
  - Yes → Go to Troubleshooting for Automatic Mode
  - No → Is pump delivering oil to system? Does main lift work? Test flow with pressure gauge
    - Yes → Are LED’s lit? Proc. #1
    - No → Is ball valve on engine closed?
      - Yes → Check oil level in reservoir; service hydraulic power pack
      - No → Less than 12 V
        - No → Close ball valve
        - Yes → Check power on circuit board. Proc. #1
          - No → 12 V on circuit board under load?
            - Yes → Check continuity and voltage at power cable. If 12V at cable but not on circuit board—call Veris Service Dept.
            - No → No voltage
              - Yes → Call Veris Service Dept.
              - No → Check voltages to solenoid; Proc #2; If not 12 V, inspect wires for damage;
                - Yes → 12 Volts to solenoid?
                  - Yes → Do coils have continuity? Proc #2
                    - Yes → Replace coil
                    - No → Yes → Do coils magnetize? Proc #2
                      - Yes → Remove solenoid valve and clean; swap with valve on main lift; call Veris Service Dept.
                      - No → Call Veris Service Dept.
            - No → Check voltages to solenoid; Proc #2; If not 12 V, inspect wires for damage;
              - No → Do coils magnetize? Proc #2
                - Yes → Replace coil
                - No → Call Veris Service Dept.
          - No → Call Veris Service Dept.
    - No → Are fuses blown? Proc. #1
      - Yes → Replace fuses
      - No → Check power on circuit board.  Proc. #1
        - 12 V on circuit board under load?
          - Yes → Call Veris Service Dept.
          - No → Check voltages to solenoid; Proc #2; If not 12 V, inspect wires for damage;
            - Yes → 12 Volts to solenoid?
              - Yes → Do coils have continuity? Proc #2
                - Yes → Replace coil
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        - No → Call Veris Service Dept.