

XQ Battery Drain Modification

Overview

Re-wire the Run/Stop/Auto switch so that there will be no drain on the battery from the control system when the Run/Stop/Auto switch is in the Stop position. A result of this modification will be that the Low Battery Voltage, Low Fuel Level and Fuel Leak Alarms will be disabled when the switch is turned to Stop. All Shutdown and Alarm LEDs will clear when the switch is turned to the Stop position.

Parts Required

8m 14 AWG Wire (white)
8 x Cable marker 7 part number 512-009
4 x Cable Marker A part number 512-012
4 x Terminal Crimp Pin Blue part number 612-023
3 x Terminal Crimp Fork Blue part number 612-019
1 x Terminal Crimp Female 6mm part number 612-025
15 x Cable ties

Procedure

1. Disconnect Battery
2. Disconnect wires 5 from terminals 9 and 11 of Run/Stop/Auto switch and cable tie to loom.
3. Disconnect wire 12 from terminal 6 of Run/Stop/Auto switch and cable tie to loom.
4. Locate wire 7 from top of MCB1 to main terminal strip. Disconnect the wire at each end and cable tie to the loom.
5. Locate wire 7 from the Thermostart push button switch to the main terminal strip. Disconnect the wire at each end and cable tie to the loom.
6. Connect new wire 7A from top of MCB1 to terminal 6 of Run/Stop/Auto switch.
7. Connect new wire 7A from top of MCB1 to the vacant terminal on the Thermostart push button switch.
8. Connect new wire 7 from main terminal strip to terminal 5 of Run/Stop/Auto switch.
9. Connect new wire 7 from main terminal strip to terminal 9 of Run/Stop/Auto switch.
10. Re-connect Battery.