CRESTLINE®

Service Bulletin # 12-03

5/5/2013

Questions or comments regarding this service bulletin may be directed to:
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Exhaust Fan Resistor 100 Watt

☐ Mandatory ☒ Advisory ☐ Information Only

☒NewEra XC ☒FleetMax ☒Commander ☒Legend 138 ☒Legend 158 ☐Classic ☐ Bus

Please complete the requirements of this service bulletin at your next service.

Part Cost N/A ..... Labor Allowance .5 Hour

Details

The intention of this bulletin is to provide instructions to replace the existing exhaust fan speed resistor with a new resistor. Once this advisory is completed, the functionality of the exhaust fan is unchanged.

Materials Supplied:

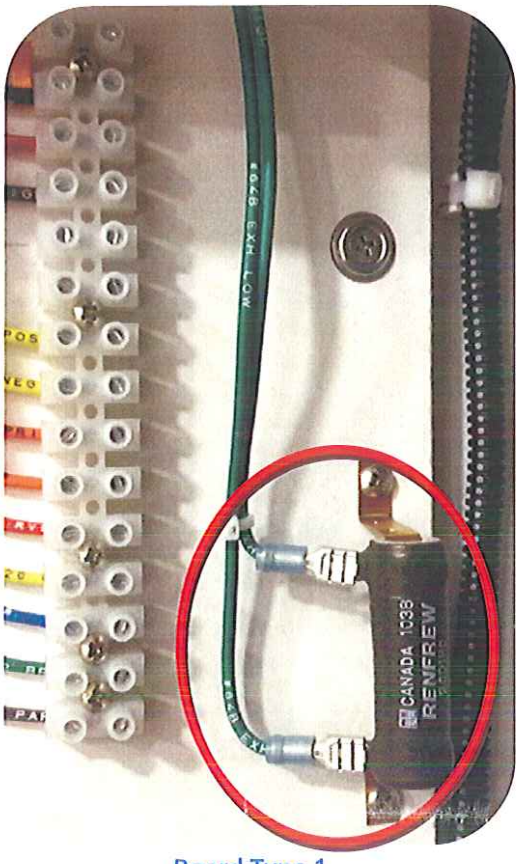
2 – Connector Butt Insulated 14 Gauge Amp Blue (ccl#10632)
1 – Resistor 100W 1-Ohm (ccl#35505)
2 – Bracket Mounting Resistor 100W 1-Ohm (ccl#35506)
2 – Connector Right Angle (ccl#15264)
2ft – "#64A Exh High" wire (ccl#13367)
2ft –"'#64B Exh Low" wire (ccl#13368)
4 – Cable Ties (ccl#10561)

Tools Required:

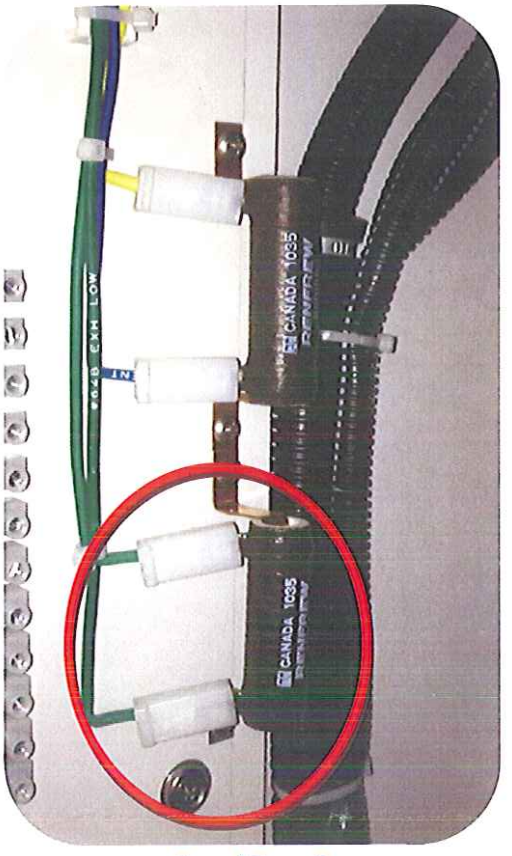
No. 2 Phillips Screwdriver
Side Cutters
Crimp Tool
Wire Strippers

Instructions:

1. Depending on configuration, the ambulance Electrical Control Center (ECC) board may have one or two resistors. For boards with two resistors, we want to replace the resistor (circled in red) with the two green wires. The wires are labelled "#64A Exh High" and "#64B Exh Low."



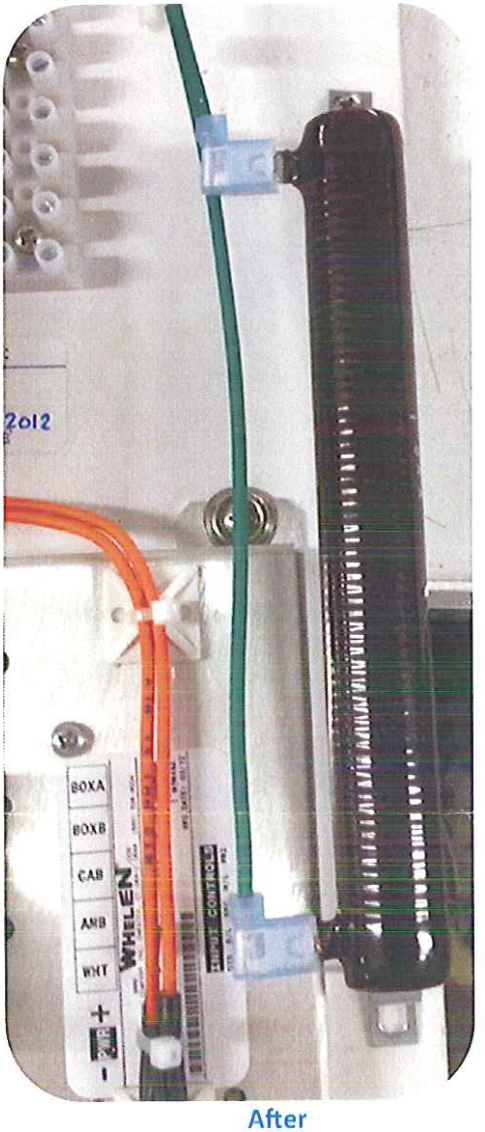
Board Type 1



Board Type 2

2. Remove cover on wire ducting and cut cable ties containing the wires leading to the resistor.
3. Cut the existing resistor wires back far enough to eliminate any discoloured insulation.
4. Remove and discard old resistor and mounting legs, keep mounting screws.
5. Install new resistor and mounting legs in place of old resistor.
   Note: Depending on wiring and board layout, the resistor may have to be moved to accommodate mounting the larger resistor. For example, in the right hand picture above, the intake and exhaust resistors may be installed vice-versa and you will need to move the intake resistor to the upper position.
6. Run wires from new resistor to the cut wires from old resistor inside the wire ducting.
7. Cut provided wire on new resistor to length required.
8. Strip the wires and connect new wires to wires cut earlier using supplied butt connectors making sure to match wires labels (64A -> 64A, 64B -> 64B).
9. Use the supplied cable ties to tie the wires back to the ECC board.
10. Replace wire duct cover. Resistor change is now complete.

Before



After