FUEL TOTALIZER INDICATING SYSTEM - TROUBLESHOOTING

1. General

A. A troubleshooting chart has been provided to aid the maintenance technician in troubleshooting the fuel totalizer system. Refer to Figure 101.

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A17423 NO INDICATION ON TOTALIZER OR INCORRECT INDICATION SUSPECTED CHECK TO ENSURE FUEL TOTAL CIRCUIT BREAKER IS ENGAGED AND DOES NOT TRIP. IF -OK, DISCONNECT FUEL TOTALIZER NOT OK, USE OHMMETER AND CHECK INDICATOR, SIGNAL CONDITIONER, AND FOR SHORTS TO GROUND BETWEEN FUEL FLOW INDICATOR. CHECK WIRING FUEL TOTAL CIRCUIT BREAKER BETWEEN SIGNAL CONDITIONER AND AND CONNECTOR AT SIGNAL FUEL TOTALIZER INDICATOR, CHECK CONDITIONER. CHECK FOR 28 VOLTS WIRING BETWEEN FUEL FLOW ACROSS SIGNAL CONDITIONER. INDICATOR AND SIGNAL CONDITIONER REPAIR OR REPLACE WIRING FOR CONTINUITY, SHORTS TO OTHER PINS, AS REQUIRED. AND SHORTS TO GROUND. IF -OK, CONNECT A NEW OR KNOWN NOT OK, REPAIR OR GOOD INDICATOR TO HARNESS. IF -REPLACE WIRING/PINS. INDICATOR SYSTEM NOW **FUEL TOTALIZER SYSTEM DOES** FUNCTIONS, OLD INDICATOR NOT FUNCTION WITH NEW OR IS FAULTY AND SHOULD KNOWN GOOD INDICATOR, BE REPLACED. SIGNAL CONDITIONER IS FAULTY AND SHOULD BE REPLACED.

Figure 101: Sheet 1: Fuel Totalizer Troubleshooting Chart

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