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Countries:

Availability: ISIS, Bus ISIS, IsSIR

Major System: COOLING

Current Language: English

Other Languages: NONE

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Coding Information

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Title: IC Bus, Fuel Fired Engine Coolant Heaters

Applies To: AE, BE, CE, and RE Bus Models

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

07/17/18 - Update diag link
10/12/2015 - Initial Article Release
11/4/2015 - Author updated for Feedback purposes

DESCRIPTION

Optional fuel fired engine coolant heaters may require the fuel system to be primed prior to use.

Option Codes:

49BRM

HEATER, ENGINE COOLANT Fuel Fired, Espar, 17,000 BTU, Mounted Forward of Rear Wheel Pocket, with Exhaust Exit Out left side, AFT of Wheel Pocket

49WNS

HEATER, ENGINE COOLANT Fuel Fired, Espar, 17,000 BTU, With Exhaust Exit Ahead of Rear Axle

49EAS

HEATER, ENGINE COOLANT Fuel Fired, Espar, 42,000 BTU, with Exhaust Exit Ahead of Rear Axle

49GDM

HEATER, ENGINE COOLANT Fuel Fired, Webasto Scholastic, 45,000 BTU, With Exhaust Exit Under Rear Bumper

49GWX

HEATER, ENGINE COOLANT Fuel Fired, Webasto Scholastic, 45,000 BTU, With Exhaust Exit Out Left Side

49MRB

HEATER, ENGINE COOLANT Fuel Fired, Espar, 42,000 BTU, with Exhaust Exit Under Bumper, Mounted Aft of Rear Axle, Left Side

The coolant heater fuel filter is filled during the manufacturing assembly process which allows sufficient fuel to test fire the unit. The test fire, or operation validation process, will result in air in the fuel system as the fuel tank fuel level will be below the pickup tube level.

SYMPTOMS

- Unit will not start and run when received from the manufacturing.
- Repeated failed start attempts resulted in system shut down requiring system to be reset (Espar).

RESOLUTION

- Prior to validating fuel fired heater operation, remove fuel filter housing and fill with clean fuel.
- Ensure fuel tank is filled to above 1/4 of a tank.
- Reset system and timer as required by the manufacturer.

- Follow engine coolant heater manufacturer instructions to fire system.
- Once running, run unit for a minimum of 30-40 minutes to purge all air from the fuel system.

NOTE:

Priming the fuel system would be considered part of the dealer pre-delivery process and would not be covered under standard warranty coverage.

ADDITIONAL RESOURCES**Espar:**

[Espar Diag.](#)

Webasto:

[Webasto Installation/Operation Instructions](#)



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