

November 2016 Edition

Idle Free Tech Tips

Hello,

I am pleased to announce we will be sending “Tech Tips” to you once a month from our Idle Free Technical Support team. Our team will share maintenance, diagnostic, and other timely information with regards to our anti-idle products. We hope this information is beneficial to you and ask that all questions and suggestions be directed to our team.

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Technical Support email: techsupport@idlefreesystems.com

Our first edition of “Tech Tips” is coming to you as temperatures begin to drop and heaters are being fired up. While the Idle Free APU does not require a great deal of maintenance, it does require a minimal amount to ensure reliable operation. We will start with some maintenance information on coolant heaters. Performing routine maintenance ensures reliable operation and avoids costly repairs down the road.

The heater maintenance information on the following page was taken from the Thermo Top C - Operation Manual available at the Tech Webasto website: www.techwebasto.com

Next month we will cover heater diagnostics.

Thank You

Pat Fleishauer
Field Service Manager

Thermo Top C (TTC)

5 Maintenance of the Heater

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5.1 Annual Maintenance

The TTC heater requires a minimum of maintenance to keep in good operating condition. The following maintenance procedures should be performed annually before each heating season:

NOTE

For major repair and spare parts, return to your authorized Webasto Specialist.

Enclosure Box and Heater

- Clean the heater and enclosure box from any accumulated debris or dust with compressed air.
- Inspect all components for wear and damage.

Electrical System

- Check wiring harnesses for damage, repair or replace if damaged.
- Check the condition of the batteries and the connections.
- Load test the batteries and replace if necessary.

NOTE

The heater will not function properly with weak batteries.

Combustion Air System

- Check for obstructions at air intake port.
- Check air intake tube carefully for restrictions and damage. Repair or replace if damaged.

Exhaust System

- Check the exhaust system carefully for restrictions or corrosion. Replace damaged parts.

Fuel System

- **Change fuel filter if equipped.** Inspect fuel line for damage, restrictions, routing or loose connections. Repair or replace if damaged.

Coolant System

- Inspect all coolant lines and clamps for leakage, restrictions or damage. Repair or replace.
- Inspect coolant circulation pump for leakage. Repair or replace if damaged.

Operational Test

- Run your heating system for at least 15 minutes.
- Check water and fuel connections for leakage. Re-tighten hose clamps if necessary.

NOTE

Operate your Webasto at least once a month for 20 minutes.