

Dieselheat Fuel Tank Issues – Zone Caravans Owners Update

Since the closure of Zone Caravans, a number of owners have reported issues relating to Dieselheat fuel tanks.

These issues are relatively complex, and we want to clearly explain what is happening, why it may be occurring, and what the resolution will be.



1. Tanks Splitting

This issue is unusual and has only emerged recently.

Dieselheat has supplied **over 4,000 of these tanks over several years**, and prior to this cluster of failures we have **never experienced a tank splitting**. We also have anecdotal evidence that the prior tank supplier to Zone before us was having the same issues.

While we are not ruling out the possibility of a manufacturing problem (such as a “bad batch”), it is important to note that no tanks supplied to other manufacturers from the same production batch have had issues.

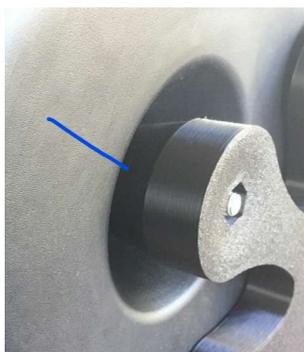
Possible Causes

Current evidence suggests the splitting may be related to installation and operating conditions rather than a tank defect. Possible contributing factors include:

- **Incorrect mounting**, particularly where tanks have been installed without the required rubber mounting grommets.
- A small number of tanks may have a fault, although this appears unlikely.
- Tanks are mounted against **black aluminium surfaces** and positioned in front of black aluminium panels. On hot days in direct sunlight, this setup may cause the tanks to become unusually hot. Excessive heat can lead to **pressure build-up inside the tank and softening of the plastic**, increasing the risk of splitting.

Rubber Mounting Grommets

Correct installation requires the use of rubber grommets at the mounting points. In some cases these have been omitted at time of manufacture.



2. Fuel Level Not Equalising Between Tanks

Dieselheat tank caps include a **spring-loaded air inlet valve**. This valve creates slight resistance when air needs to enter the tank as fuel is consumed. As a result:

- Fuel may not drain evenly from two connected tanks.
- Fuel may not transfer between tanks to maintain equal levels.

This is **not a fault of the tank itself**, but relates to how the tanks were implemented by Zone Caravans, specifically there is no mechanism for air pressure above the fuel to equalise between the two tanks.

Resolution - Cap Upgrade

Dieselheat is developing a simple modification to the tank caps. The new design will replace the spring-loaded air return valve with an **open breather system and splash guard**. Using an open breather on both tanks will ensure:

- Both tanks remain at atmospheric pressure
- Fuel drains evenly from both tanks
- Pressure build-up in extreme heat is prevented
- Risk of tank splitting is significantly reduced

Implementation Options for Owners

The cap modification solution will be available from the **end of February 2026**. Owners will have two options:

1. **DIY Kit**
Purchase a simple kit from Dieselheat and implement the cap modification yourself.
2. **Send Caps to Dieselheat**
Owners who prefer not to do the modification can send their caps to Dieselheat and we will complete the change. We may also implement a changeover option.

Warranty Coverage

Dieselheat will do our best to alert Zone owners via social media of this issue - we also ask all Zone customers who read this note to let their fellow owners know. We will provide a period of time for customers to become aware of the issue and to upgrade their caps. Customers with tanks that are properly mounted and split in **until the end April 2026** will have their tanks replaced under warranty. Tanks which are incorrectly mounted are not covered by warranty.

After April 2026

- Customers whose tanks split after this period **and who have not implemented the recommended cap modification** will need to purchase a replacement tank.
- Dieselheat will supply replacement tanks at **half price** in these circumstances.