



Re: Leaking TPMS valves

Dear Colleague,

We have become aware of a TPMS related concern with a small number of Unicorn Black Edition Cabrera caravan models where there is a possibility that tyre deflation could occur as a result of incorrect torque application to the TPMS valve nut.

The VIN range of affected Cabrera models: **MUN00195 to MUN00221**

Please see attached SOP for guidance on the checking procedure. Should any wheels be found to have leaking TPMS valves, please contact Wheel Solutions Limited directly and replacement wheels will be urgently arranged.

Wheel Solutions will require confirmation of the following:

- The VIN number of the caravan
- The model of the caravan (e.g. Unicorn Valencia or Alicanto Porto)
- The contact name and full address where replacement wheel(s) should be delivered to

WSL: Telephone: [01543 870170](tel:01543870170) Email: sales@wsl.uk.com Cc rm@wsl.uk.com

Best regards

Dave Evans
Head of Customer Services

Quality Alert – TPMS Valves

Problem Definition

There is a small possibility that tyre deflation could occur as a result of incorrect torque application to the TPMS valve nut on Bailey Unicorn and Alicanto caravan models produced between August 24th through to September 15th.

This Quality Alert seeks to explain the necessary steps to conduct checks to identify if there is an issue and to contain it if there is.

Should any wheel be found to be leaking air via the TPMS valve, the whole wheel should be replaced before the caravan is towed anywhere or released for sale.

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Checking Procedure - Step 1

Check the torque of the valve retaining collar nut

TPMS Valve Nut Collar



Torque wrench with 11mm deep socket



The correct torque setting is 6.8Nm



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Checking Procedure - Step 2

Once the torque check has been completed, test for escaping air by using soapy water, sprayed around the valve collar nut.

Apply soapy water



Apply where shown in the pics below



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Checking Procedure - Step 3

Once the soapy water has been applied, look for bubbles – for a minimum of 20 seconds.

If air is escaping, bubbles will form



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Checking Procedure - Step 4

Once the leak test has been completed, and assuming that no air is escaping, check the tyre pressure.

But if bubbles form during the leak test, the wheel should be replaced before the caravan is towed.

Tyre Pressure Check



Quality Alert – TPMS Valves

Should any wheels be found to have leaking TPMS valves, please contact Wheel Solutions Limited, Replacement wheels will be urgently arranged.

Please advise;-

The VIN number of the caravan

The model of the caravan (e.g;- Unicorn Valencia Or Alicanto Porto)

The contact name and full address where replacement wheel(s) should be delivered to.

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