

QUARANTINE NOTICE

To: Applicable North American Dealers (refer to Appendix "A") For the attention of: Service Manager/After Sales Manager Please copy to: The Dealer Principal The Sales Manager The Warranty Administrator Aston Martin Technician(s) The Parts Manager	Reference QN-19-0011 Issued: 9 October 2012 Page 1 of 10
Model: V12 Vantage and Zagato	
VIN Range: Refer to Appendix "A"	
Subject: Incorrect Software Configuration File for the TPMS on V12 Vantage - North America Only	

Attached Documents:

1. **Appendix "A" – List of applicable VINs**

Reason for this Quarantine Notice (QN-19-0011)

Aston Martin has found that a defect that fails to conform to Federal Motor Vehicle Safety Standard FMVSS138 exists in V12 Vantage vehicles built between 2009 and 2012. These vehicles have the incorrect software installed in the Tire Pressure Monitoring System (TPMS). This means that if the pressures in the front tires of the vehicle reduce because of a leak or puncture, the TPMS system will not give a warning to the driver until the tire pressure is 3 psi lower than the design specification. This problem means that the vehicle is non-compliant with the FMVSS138 specification that states a vehicle TPMS system must give the driver warning when a tire pressure reduces by 25% or more of its specified operating pressure.

Note: *The warning light in the Drivers Information Module (DIM) will still come on, but at a lower pressure than the design specification.*

This problem only affects the front tires. The TPMS for the rear tires will operate correctly.

To correct this problem, you must upgrade the software for the TPMS on all vehicles in the attached VIN list in Appendix "A". Our records show that the vehicles in Appendix "A" are currently not registered. Refer to the Workshop Procedure that follows to update the software on the affected vehicles.

IMPORTANT!
DO NOT LET THE VEHICLE LEAVE YOUR WORKSHOPS UNTIL THIS QUARANTINE NOTICE IS COMPLETED.

Workshop Procedure

Note: *You will need the Tire Pressure Monitor System Diagnostic Interface (TPMSDI) to do this procedure. If you do not have this unit, Parts Operations will send the TPMSDI to you. You do not need to order it. The new part number for this unit is 4G43-43-11288 but if you have the unit with part number 4G43-43-112113, you can use it to do this procedure.*

WARNING: THE ALARM FUNCTIONS FOR THE TIRE PRESSURE MONITORING SYSTEM DO NOT OPERATE WHEN THE TPMSDI IS CONNECTED TO THE VEHICLE. YOU WILL NOT HEAR OR SEE WARNINGS FROM THE SYSTEM IF AN ALERT OCCURS WITH ONE OR MORE OF THE WHEELS WHILE THE VEHICLE IS IN MOVEMENT OR STOPPED.

Connect the TPMSDI to the Vehicle

1. Make sure that the ignition is set to off.
2. Remove the front bezel (1) from the Smartire ECU (refer to Figure 1). To do this, carefully push in the two ends of the bezel (2) and pull it forwards.
3. Install the Smartire ECU key (3). You can only install the key with the tab (4) at the top.

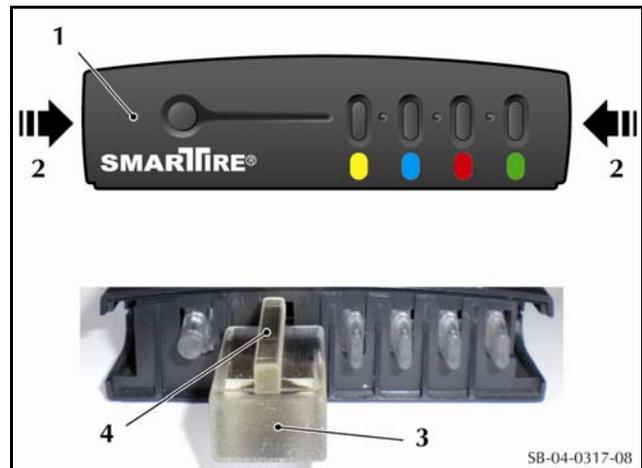


Figure 1

CAUTION: DO NOT LET THE TIP OF THE TPMSDI-TO-SMARTIRE COMMUNICATION CABLE TOUCH THE TPMS ECU POWER SOCKET IN THE STEP THAT FOLLOWS. IF YOU DO, THE TPMSDI UNIT WILL BE PERMANENTLY DAMAGED.

4. Connect the TPMSDI-to-Smartire communication cable (3) into the socket on the back of the TPMS ECU (1) and the TPMSDI (4) (refer to Figure 2). Do not disconnect the TPMS ECU connection to the vehicle (2).
5. Connect the power cable (5) to the TPMSDI (4).
6. Connect the cigar lighter adaptor of the power cable to the vehicle's auxiliary power socket.

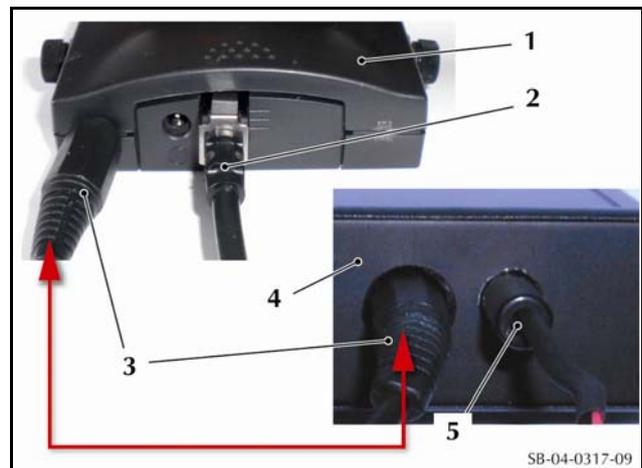


Figure 2

- 7. Connect the male connector (2) of the RS232 serial connection cable to the serial connector on the TPMSDI (1) (refer to Figure 3).
- 8. Connect the female connector (3) of the RS232 serial connection cable to the serial connector on the AMDS laptop (4).

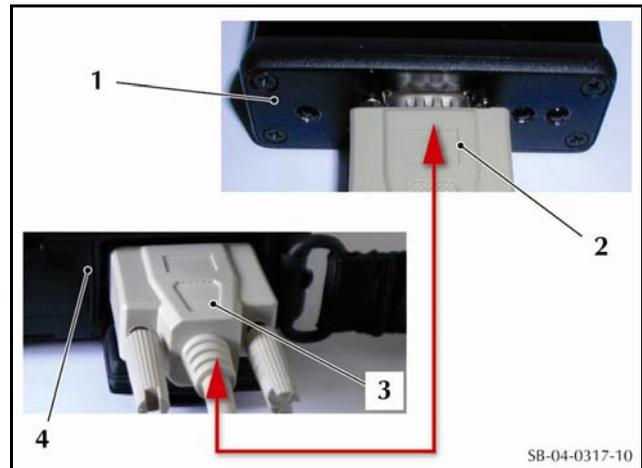


Figure 3

Update the TPMS Configuration

- 9. Make sure that your AMDS software is at Version 2.29 or higher.
- 10. Start the AMDS in the usual way.
- 11. Click on the "Special Apps" button in the top tool bar (1), and then click on the "TPMS Utilities" button (2). The AMDS will check if the new Beru TPMS system is installed on the vehicle. Because the vehicle has the Smartire system installed, the AMDS will start the software that connects with the TPMSDI (refer to Figure 4).

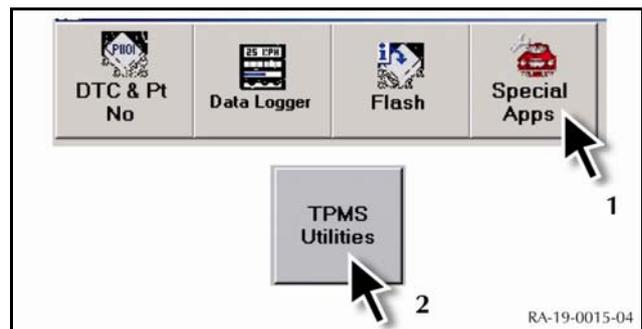


Figure 4

- 12. When the software has loaded, you will see a "Connect" button and an "Exit" button. Click on the "Connect" button (refer to Figure 5).

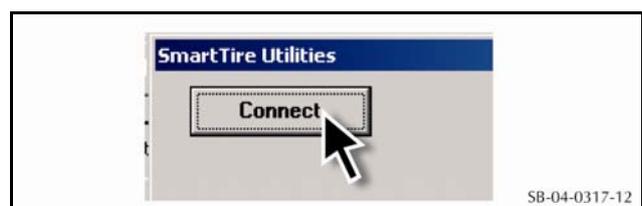


Figure 5

- 13. Obey the instruction to set the ignition to on at position 2 (refer to Figure 6).

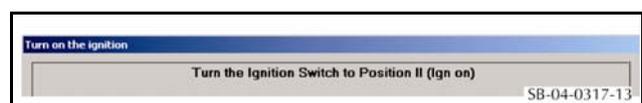


Figure 6

- 14. The AMDS will firstly connect with the TPMSDI and make sure that it has the latest firmware (the software that the unit runs internally). If the firmware is out of date, you will see a message to tell you not to set the ignition to off, or disconnect the unit. If you see this message, click on the "OK" button and let the AMDS re-flash the TPMSDI.

- 15. When the AMDS has connected to TPMSDI, it will try to communicate with the TPMS ECU. If this is completed correctly, the message in Figure 7 will be shown on the AMDS.

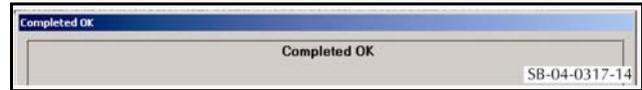


Figure 7

If the connection fails, set the ignition to off then do the procedure from Step 12 again.

- 16. Click on the "OK" button (refer to Figure 8).



Figure 8

- 17. If the vehicle is a V12 Vantage or a Zagato, the "Check Config" button will show (refer to Figure 9). Click on the button.



Figure 9

- 18. The system will do a check of the installed configuration. If a configuration update is necessary, the TPMS will automatically update the software. When this process is complete, the message "The module software has been updated successfully" will show (refer to Figure 10)



Figure 10

- 19. Click the "OK" button (refer to Figure 11).



Figure 11

- 20. If an update is not necessary, you will see the message "The module software version is correct" (refer to Figure 12).

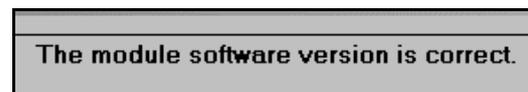


Figure 12

- 21. Click the "OK" button (refer to Figure 13).



Figure 13

- 22. Click on the "Exit" button (refer to Figure 14).



Figure 14

Disconnect the TPMSDI

- 23. Set the ignition to off
- 24. Disconnect the female connector (3) of the RS232 serial connection cable from the serial connector on the AMDS laptop (4) (refer to Figure 15).
- 25. Disconnect the male connector (2) of the RS232 serial connection cable from the serial connector on the TPMSDI (1).

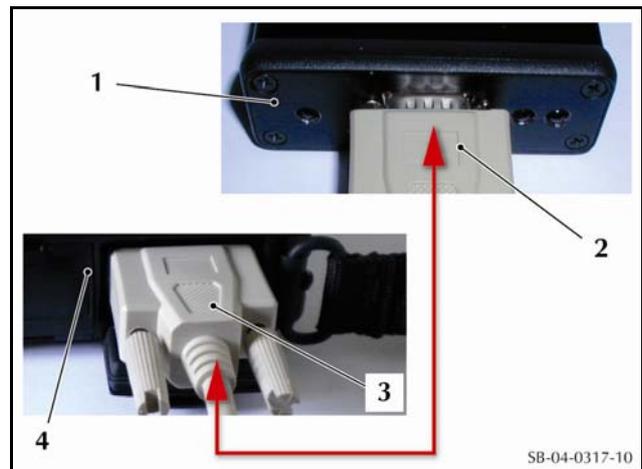


Figure 15

- 26. Disconnect the cigar lighter adaptor of the power cable from the vehicle's auxiliary power socket (refer to Figure 16).
- 27. Disconnect the power cable (5) from the TPMSDI (4).
- 28. Disconnect the TPMSDI-to-Smartire communication cable (3) from the socket on the back of the TPMS ECU (1) and the TPMSDI (4) (refer to Figure 2). Do not disconnect the TPMS ECU connection to the vehicle (2).

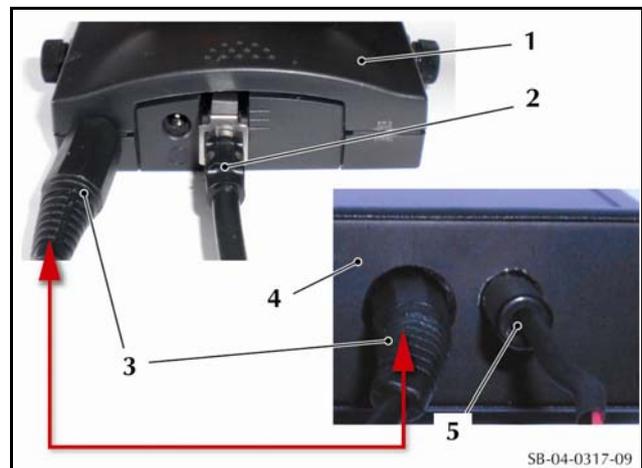


Figure 16

- 29. Push the locking tab (4) of the Smartire ECU key (3) down to release the key. Remove the Smartire ECU key (3) (refer to Figure 17).
- 30. Install the front bezel (1) onto the Smartire ECU.

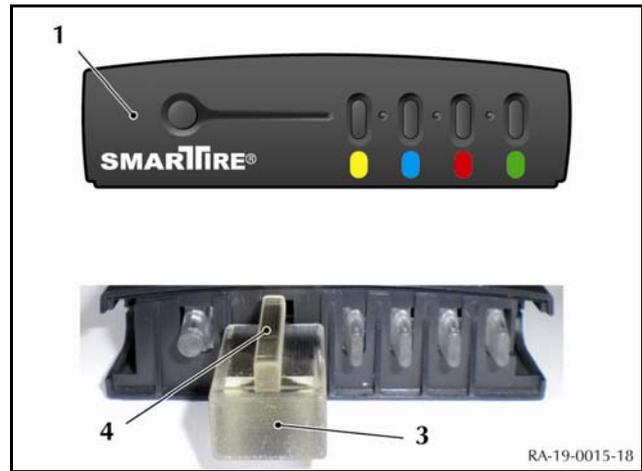


Figure 17

Warranty Data

Description	Labour Time
Update the software for the Smartire TPMS module.	0.3 hours

If you have any questions related to this Quarantine Notice, please contact: Aston Martin Technical Services on: +44 (0) 1926 644720 or facsimile: +44 (0) 1926 644733.
 E-mail: amtech@astonmartin.com. Or contact your After Sales Manager.

The English version of this Quarantine Notice is written in Simplified Technical English to ASD-STE100™.

Appendix "A" - Affected VIN List

Country	Dealer Name	Model	Chassis Number
Australia	Aston Martin Melbourne	V12 Vantage	S01012
Australia	Aston Martin Sydney	V12 Vantage	S01013
Belgium	Aston Martin Antwerp	V12 Vantage	S00997
Brazil	Aston Martin Sao Paulo	V12 Vantage	S01040
Canada	Aston Martin Calgary	V12 Vantage	S01042
Canada	Aston Martin Calgary	V12 Vantage	S01062
Canada	Aston Martin Of Ontario	V12 Vantage	S01064
France	Auto Performance Paris	V12 Vantage	S00861
France	Auto Performance Paris	V12 Vantage	S00891
France	Auto Performance Paris	V12 Vantage	S00922
France	Auto Performance Paris	V12 Vantage	S00975
France	Auto Performance Paris	Zagato	S31095
Germany	AML Europe Press & Fleet	V12 Vantage	S01043
Germany	Aston Martin Allgäu	V12 Vantage	S00998
Germany	Aston Martin Düsseldorf	V12 Vantage	S00844
Germany	Aston Martin Hannover	V12 Vantage	S01002
Germany	Aston Martin In Stock - EU	V12 Vantage	S01053
Germany	Aston Martin In Stock - EU	V12 Vantage	S01054
Germany	Aston Martin In Stock - EU	V12 Vantage	S01056
Germany	Aston Martin In Stock - EU	V12 Vantage	S01066
Germany	Aston Martin In Stock - EU	V12 Vantage	S01074
Germany	Aston Martin In Stock - EU	V12 Vantage	S01082
Germany	Aston Martin In Stock - EU	V12 Vantage	S01083
Germany	Aston Martin In Stock - EU	V12 Vantage	S01085
Germany	Aston Martin In Stock - EU	V12 Vantage	S01086
Germany	Aston Martin In Stock - EU	V12 Vantage	S01088
Germany	Aston Martin In Stock - EU	V12 Vantage	S01090
Germany	Aston Martin In Stock - EU	V12 Vantage	S01092
Germany	Aston Martin In Stock - EU	V12 Vantage	S01093
Germany	Aston Martin In Stock - EU	V12 Vantage	S01094
Germany	Aston Martin In Stock - EU	V12 Vantage	S01101
Germany	Aston Martin In Stock - EU	V12 Vantage	S01102
Germany	Aston Martin In Stock - EU	V12 Vantage	S01104
Germany	Aston Martin In Stock - EU	V12 Vantage	S01105
Germany	Aston Martin In Stock - EU	V12 Vantage	S01106
Germany	Aston Martin In Stock - EU	V12 Vantage	S01107
Germany	Aston Martin In Stock - EU	V12 Vantage	S01108
Germany	Aston Martin In Stock - EU	V12 Vantage	S01109

Country	Dealer Name	Model	Chassis Number
Germany	Aston Martin In Stock - EU	V12 Vantage	S01112
Germany	Aston Martin Kronberg	V12 Vantage	S01026
Germany	Aston Martin Stuttgart	V12 Vantage	S01051
Germany	Hamg	V12 Vantage	S00986
Germany	Hamg	V12 Vantage	S00987
Italy	Aston Martin Verona	V12 Vantage	S00928
Japan	AML Asia-Pacific Press &	V12 Vantage	S01071
Japan	Aston Martin Osaka Hakko	V12 Vantage	S01028
Kuwait	Premier International Motors	Zagato	S31079
New Zealand	Independent Prestige	V12 Vantage	S01069
New Zealand	Independent Prestige	V12 Vantage	S01073
Switzerland	Aston Martin St Gallen	Zagato	S31096
Switzerland	Emil Frey Ag, Aston Martin Safenwil	V12 Vantage	S01033
Switzerland	Emil Frey Ag, Aston Martin Safenwil	V12 Vantage	S01065
Switzerland	Emil Frey Ag, Aston Martin Safenwil	V12 Vantage	S01087
Switzerland	Emil Frey Ag, Aston Martin Safenwil	V12 Vantage	S01113
Switzerland	Emil Frey Ag, Aston Martin Zurich	V12 Vantage	S01067
Switzerland	Emil Frey Ag, Aston Martin Zurich	Zagato	S31110
Switzerland	Garage Tarcisio Pasta Sa	V12 Vantage	S00880
Switzerland	Garage Tarcisio Pasta Sa	Zagato	S31084
UK	AML UK Chairman / Ceo	V12 Vantage	S21021
UK	AML UK Dealer Training	V12 Vantage	S00646
UK	Aston Martin In Stock -UK	V12 Vantage	S01100
UK	Aston Martin In Stock -UK	V12 Vantage	S01114
UK	Aston Martin Works	V12 Vantage	S01048
UK	Aston Martin Works	V12 Vantage	S01080
UK	Aston Martin Works	Zagato	S31111
UK	Broughtons Aston Martin	V12 Vantage	S01091
UK	Business Partner	V12 Vantage	S00978
UK	Charles Hurst Limited	V12 Vantage	S01027
UK	Grange Aston Martin	V12 Vantage	S01029
UK	Grange Of Exeter	V12 Vantage	S01115
UK	Grange Welwyn	V12 Vantage	S01063
UK	Harwoods Aston Martin	V12 Vantage	S01089
UK	JCT600 Aston Martin Brooklands	V12 Vantage	S00985
UK	JCT600 Aston Martin Brooklands	V12 Vantage	S01077
UK	Lancaster Cambridge	V12 Vantage	S01055
UK	Lancaster Cambridge	V12 Vantage	S01097
UK	Lancaster Reading	V12 Vantage	S01059

Country	Dealer Name	Model	Chassis Number
UK	Lancaster Sevenoaks	V12 Vantage	S01081
UK	Personal/Direct Export Sales	Zagato	S31098
UK	Product Development	V12 Vantage	S00012
UK	Product Development	V12 Vantage	S00013
UK	Product Development	V12 Vantage	S00015
UK	Product Development	V12 Vantage	S00027
UK	Product Development	V12 Vantage	S00488
UK	Product Development	V12 Vantage	S00957
UK	Product Development	V12 Vantage	S21003
UK	Product Development	V12 Vantage	S21004
UK	Product Development	V12 Vantage	S21058
UK	Product Development	V12 Vantage	X73101
UK	Product Development	V12 Vantage	X73102
UK	Product Development	V12 Vantage	X73103
UK	Stratstone Aston Martin Amersham	V12 Vantage	S01016
UK	Stratstone Aston Martin Cardiff	V12 Vantage	S01024
UK	Stratstone Aston Martin Derby	V12 Vantage	S00999
UK	Stratstone Aston Martin Derby	V12 Vantage	S01015
UK	Stratstone Aston Martin Hagley	V12 Vantage	S01019
UK	Stratstone Aston Martin Hagley	V12 Vantage	S01020
UK	Stratstone Aston Martin Mayfair - Park Lane	V12 Vantage	S01022
UK	Stratstone Aston Martin Mayfair - Park Lane	V12 Vantage	S01025
UK	Stratstone Aston Martin Tyne And Wear	V12 Vantage	S01078
UK	Stratstone Aston Martin Tyne And Wear	V12 Vantage	S01099
UK	Stratstone Of Wilmslow	V12 Vantage	S01017
UK	Stratstone Of Wilmslow	V12 Vantage	S01023
UK	Stratstone Of Wilmslow	V12 Vantage	S01075
USA	Aston Martin Atlanta	V12 Vantage	S01052
USA	Aston Martin Cleveland	V12 Vantage	S01044
USA	Aston Martin Dallas	V12 Vantage	S00594
USA	Aston Martin Dallas	V12 Vantage	S01050
USA	Aston Martin Dallas	V12 Vantage	S01103
USA	Aston Martin Los Gatos	V12 Vantage	S00995
USA	Aston Martin Naples	V12 Vantage	S01036
USA	Aston Martin Of Austin	V12 Vantage	S01072
USA	Aston Martin Of Charlotte	V12 Vantage	S01041
USA	Aston Martin Of New England	V12 Vantage	S00945
USA	Aston Martin San Diego	V12 Vantage	S00911
USA	Aston Martin Stock - US East	V12 Vantage	S01038

Country	Dealer Name	Model	Chassis Number
USA	Aston Martin Stock - US East	V12 Vantage	S01068
USA	Aston Martin Stock - US West	V12 Vantage	S01039
USA	Aston Martin Stock - US West	V12 Vantage	S01057
USA	Aston Martin Tampa Bay	V12 Vantage	S00934
USA	Lake Forest Sports Cars Ltd	V12 Vantage	S00807
USA	Miller Motor Cars	V12 Vantage	S00968
USA	Miller Motor Cars	V12 Vantage	S01045
USA	Sill Terhar Motors Inc.	V12 Vantage	S00976
USA	Sill Terhar Motors Inc.	V12 Vantage	S01011