

SERVICE BULLETIN

Reference number:	SB-30-1548	Issued: 07 October, 2021
Subject:	Install Ferrite and Foam to the Display Screen Connector	
Model(s):	DBX	
VIN Range:	Up to: V04232	
Applicable to:	All Dealers	
Distribute to:	After Sales Manager Executive Manager Service Manager Sales Manager	Warranty Staff Technician(s) Parts Staff

Reason for this Service Bulletin

Aston Martin has developed more improvements for the weak GPS signal reported on DBX vehicles.

Do the workshop procedure that follows to install a ferrite and foam to the electrical connector for the display screen. This will reduce interference and improve the Signal Noise Ratio (SNR).

IMPORTANT

ALL VIN'S BEFORE: V01738 MUST HAVE COMPLETED THE APPLICABLE PROCEDURE THAT FOLLOWS BEFORE YOU DO THIS PROCEDURE:

- SB-30-1497V5 - Connector Repair Process for Weak GPS Signal
- QN-30-1497V3 - Connector Repair Process for Weak GPS Signal

Part A - SNR Check

1. Drive the vehicle to a clear open area outside, but do not turn the engine off.
2. In the infotainment menu select "Vehicle" and hold the rotary selector down for 15 seconds (refer to Figure 1).

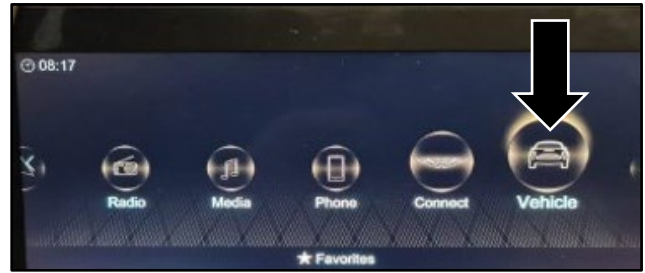


Figure 1

3. In the "Dealer Menu" scroll down and select "Diagnose GNSS Antenna" (refer to Figure 2).

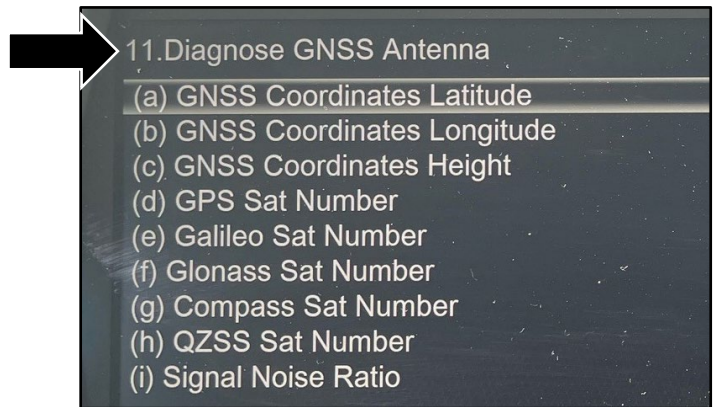


Figure 2

4. Inspect the SNR and record the number shown (refer to Figure 3).

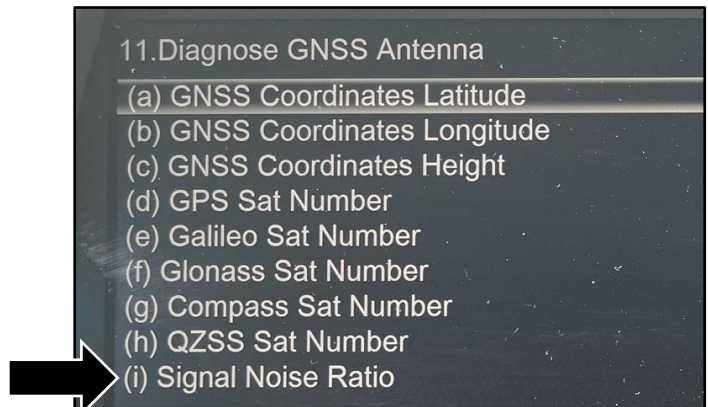


Figure 3

Part B – Install Ferrite and Foam

5. Remove the infotainment display screen (refer to Workshop Manual procedure 64.02.BB).
6. Disconnect the electrical connector for the display screen (refer to Figure 4).
Connector reference: M41.1

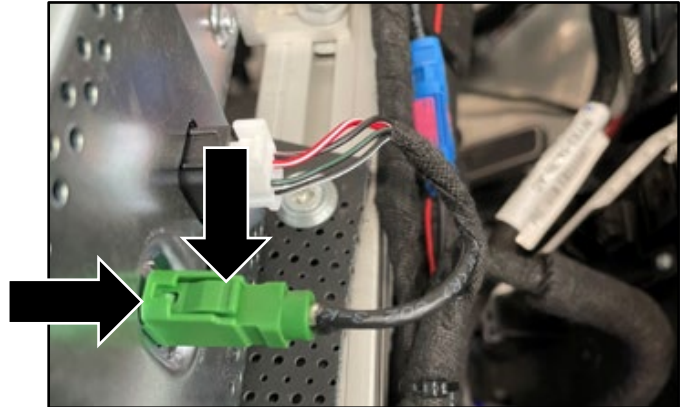


Figure 4

7. Remove the connector from the housing and check if the terminal has been reworked (refer to Figure 5).

Note: If > V01738 care must be taken not to lose the secondary locking device/anti back out feature (purple) component.

Note: If < V01738 and copper tape is not visible you must complete the applicable procedure below before you continue with this procedure:

SB-30-1497V5 or

QN-30-1497V3

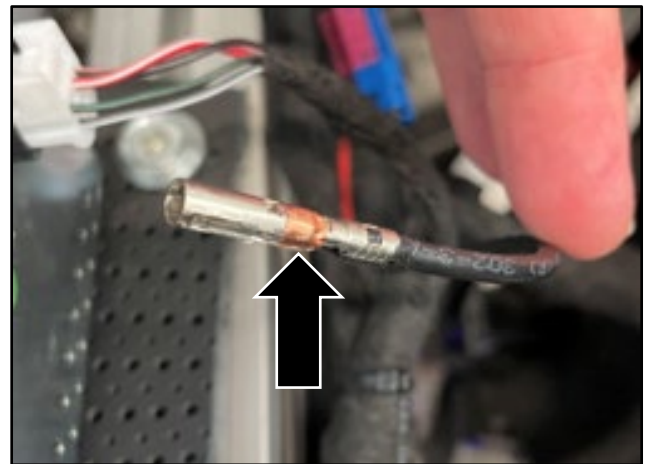


Figure 5

8. Install the ferrite to the cable for the display screen (refer to Figure 6).

9. Install the connector housing (refer to Figure 6).

Note: Make sure the ferrite is attached no more than 20mm from the rear of connector housing.

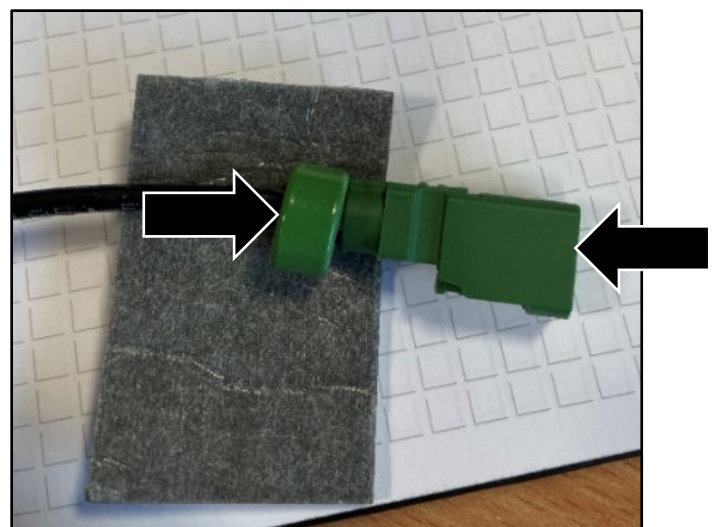


Figure 6

10. Cut a 3 cm long piece of foam (refer to Figure 7).

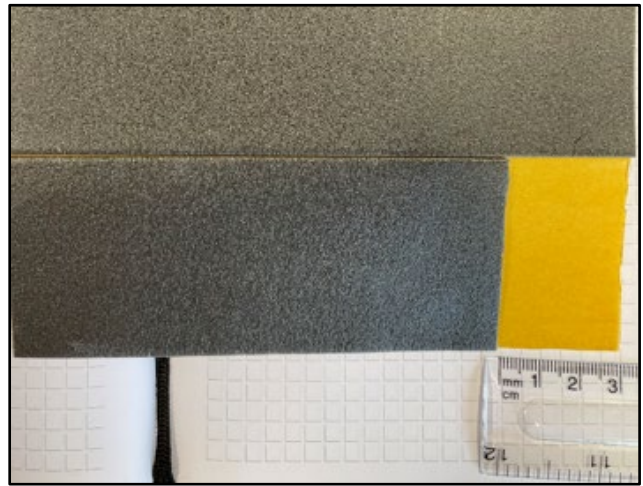


Figure 7

11. Carefully apply the foam around the ferrite (refer to Figure 8).

Note: Make sure the ferrite is attached close to the rear of connector housing.

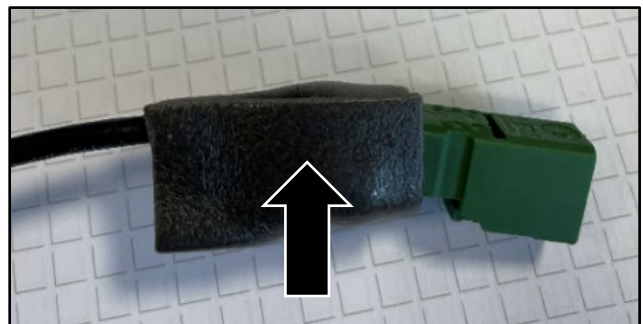


Figure 8

12. Connect the electrical connector for the display screen (refer to Figure 9).

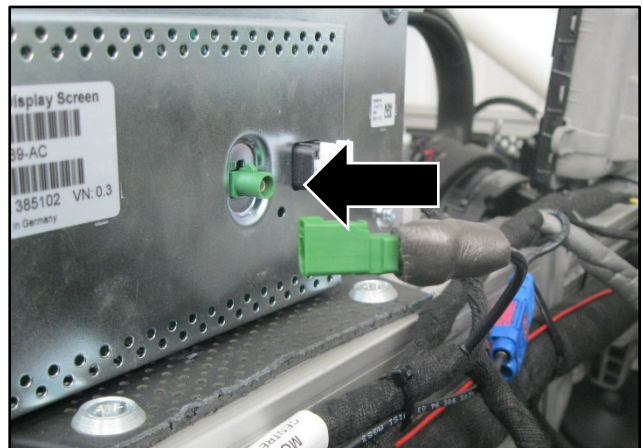


Figure 9

13. Install the infotainment display screen (refer to Workshop Manual procedure 64.02.BB).

Part C - SNR Check and GPS Calibration

14. Drive the vehicle to a clear open area outside, but do not turn the engine off.

15. In the infotainment menu select “Vehicle” and hold the rotary selector down for 15 seconds (refer to Figure 10).



Figure 10

16. In the “Dealer Menu” scroll down and select “Diagnose GNSS Antenna” (refer to Figure 11).

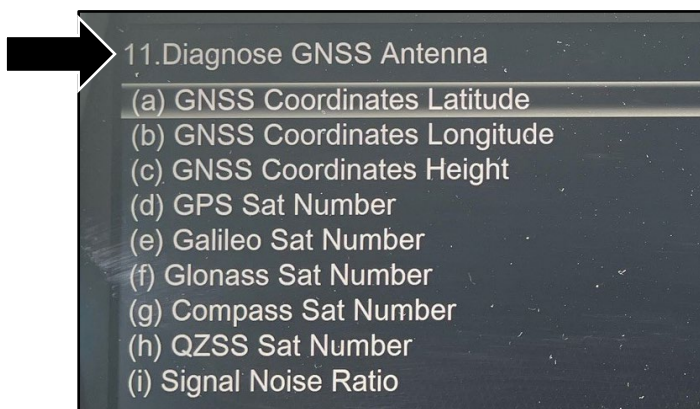


Figure 11

17. Inspect the SNR, if there is an increase of 3dB – 6dB more than the number recorded in step 4 go to step 18.

Note: To exit the diagnostic screen you must set the ignition to off.

18. Do a road test of the vehicle with the navigation system active for a minimum of 30 minutes. This is necessary to calibrate the navigation GPS signal.

Part Data

Description	Part Number	Quantity
Foam Pad	MY83-37-10046	1
Suppression Ferrite	MY83-37-10045	1

Warranty Data

Procedure and Labour Time

Description	Labour Time	ROT Code
Install Ferrite and Foam to Display Screen Connector	4.40 hours	64.02.BF

If you have any questions related to this document, please refer to the 'Contact Us' link on this webpage or contact your local Dealer or After Sales Manager.

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