

SERVICE BULLETIN		
To: For the attention of: Please copy to:	All Dealers Service Manager/After Sales Manager The Dealer Principal The Warranty Supervisor Aston Martin Technician(s) The Parts Manager	Reference SB0283 Issued: 03rd February 2009 Page 1 of 10
Model:	V8 Vantage, Coupe and Roadster DB9, Coupe and Volante DBS	
VIN Range:	All	
Subject:	Satellite Navigation Display Screen, Repair to the Transport Mechanism	

Reason for this Service Bulletin

There have been some occurrences where the Satellite Navigation (Sat Nav) display screen will not move. The cause has been identified as Gear E in the transport mechanism (see Figure 1). The manufacturer of the system has released a repair kit to install a new Gear D and a new Gear E. Follow the Workshop Procedure to do the repair.

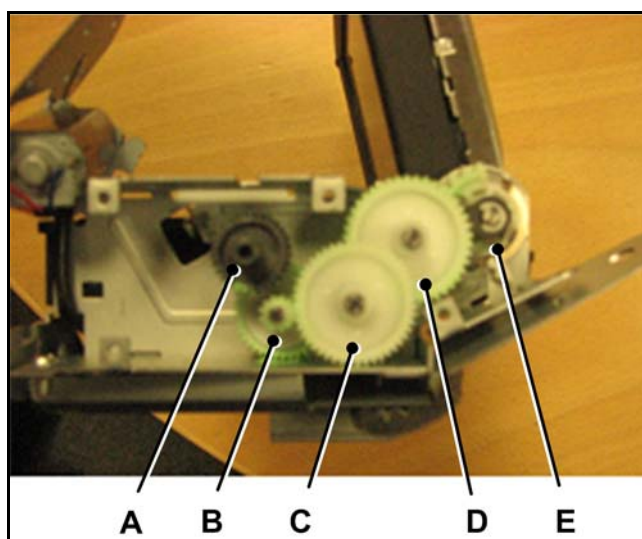


Figure 1

Workshop Procedure

1. Remove the Sat Nav display screen (display) as follows:
 - For V8 Vantage vehicles – 01.12.AY Instrument Panel Bezel Assembly
 - For DBS vehicles – 19.07.CB Navigation Display Screen, Remove and Install
 - For DB9 vehicles – 01.05 Instrument Panel Trim

2. The black arrow points to the front edge of the display (see Figure 2). The red arrow points to the side that has the gears.

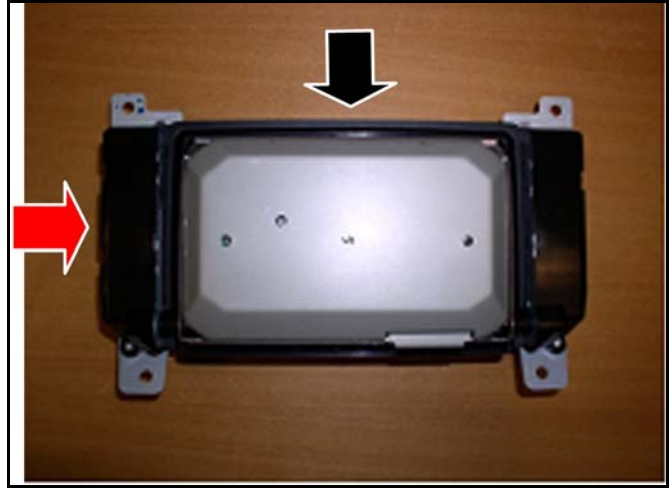


Figure 2

3. Remove the M3 screw (1) that attaches the plastic cover (2) (see Figure 3).

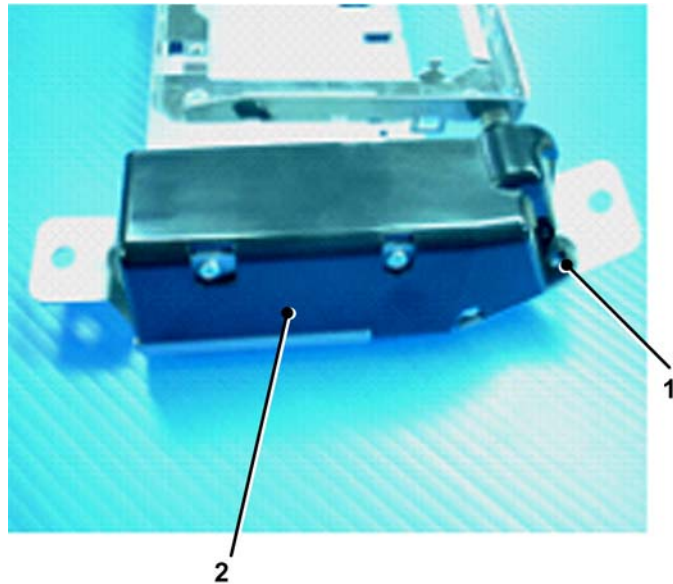


Figure 3

4. Use a small screwdriver to release the locking tab (see Figure 4) and remove the plastic cover.

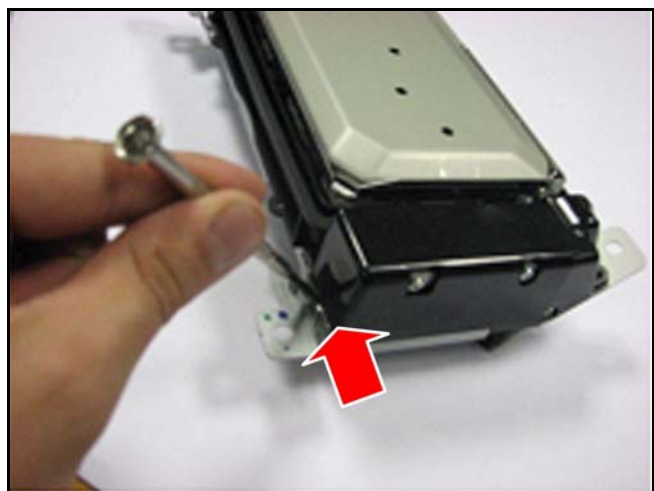


Figure 4

5. Remove the two M3 screws (1) to loosen the bottom cover (2) (see Figure 5).

Note: *The bottom cover is loosened so that the bottom bracket can be removed.*

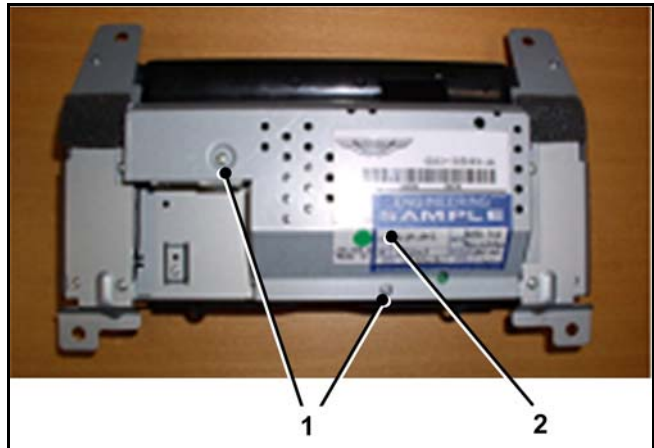


Figure 5

6. Remove the two M3 screws (1) from the bottom bracket (2) (see Figure 6).
7. Peel the foam pad (arrowed) away from the bottom bracket (2) to get access to the third M3 screw (1) (see Figure 7)

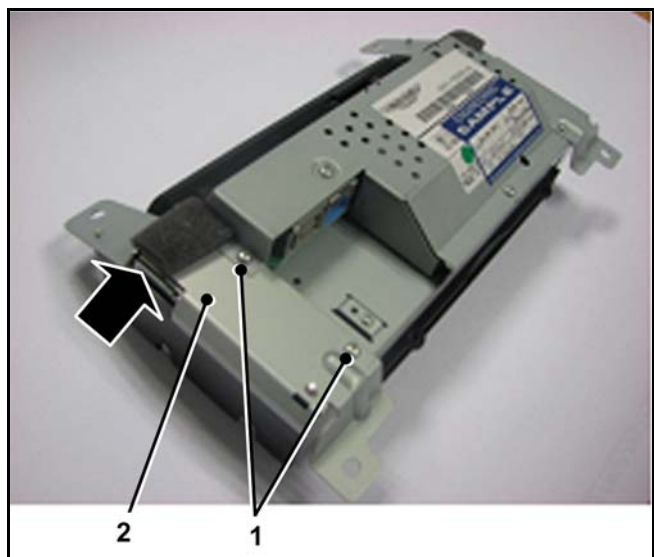


Figure 6

8. Remove the M3 screw (1) (see Figure 7).
9. Pull the bottom bracket away from the display.

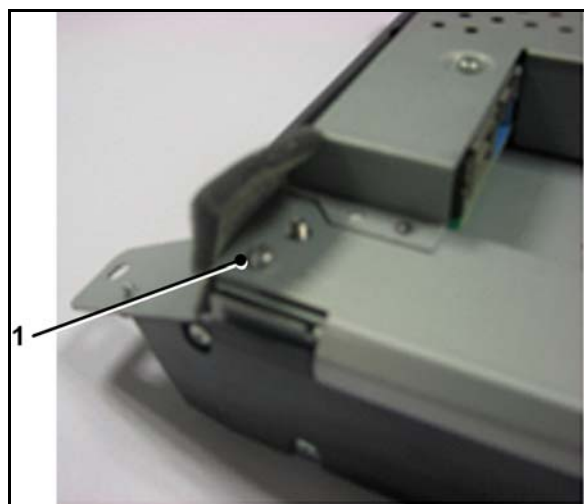


Figure 7

10. Remove the four M2 screws (1) (see Figure 8).

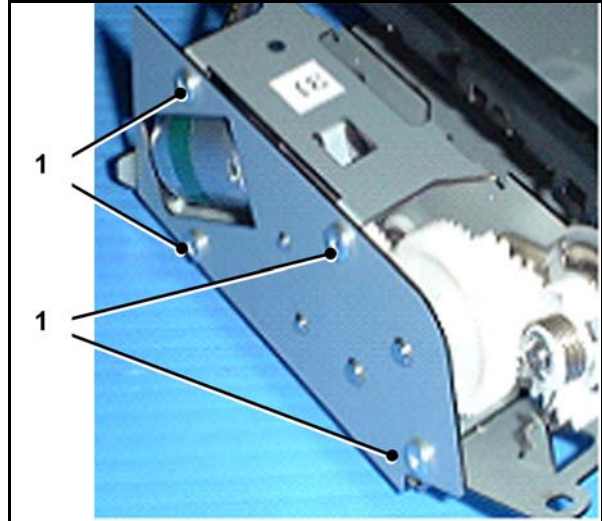


Figure 8

11. Loosen the M2 screw (1) (see Figure 9).

Note: *The M2 screw is inside the assembly behind the motor.*

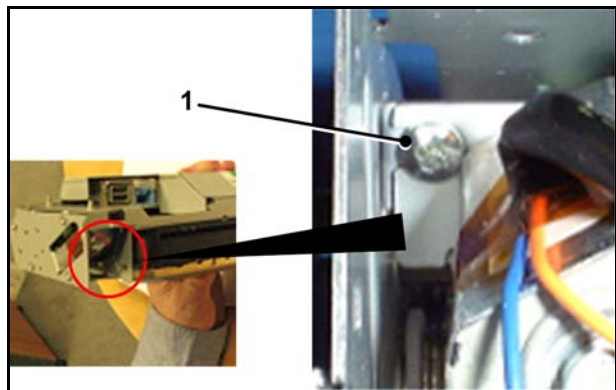


Figure 9

12. Carefully pull the side cover away to remove it (see Figure 10).



Figure 10

13. Pull Gear C off of its spindle to remove it (see Figure 11).

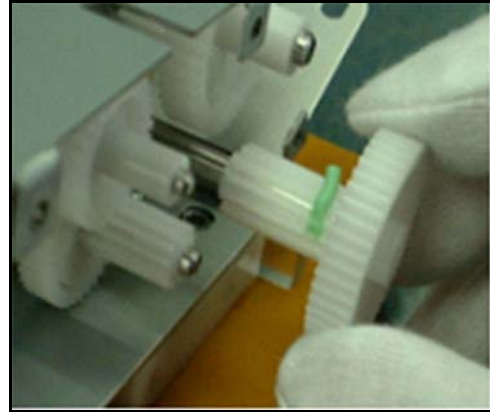


Figure 11

14. Pull Gear D off of its spindle to remove it (see Figure 12). Discard Gear D.

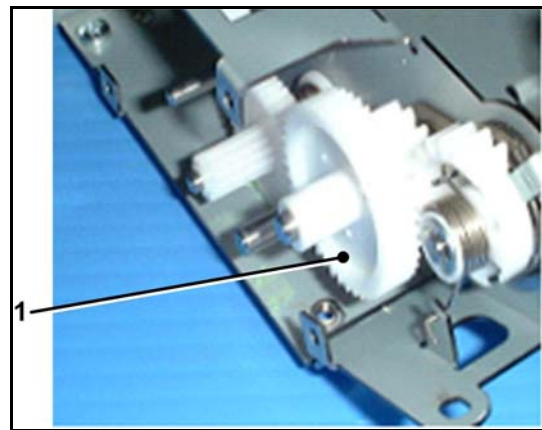


Figure 12

15. Carefully move the display screen to the open position (see Figure 13).

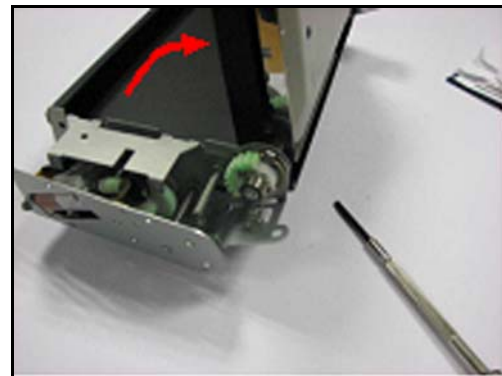


Figure 13

16. Unhook the two ends of the spring to release it (see Figure 14).
17. Remove the 'E' clip (1) from the end of the spindle. Discard the 'E' clip.

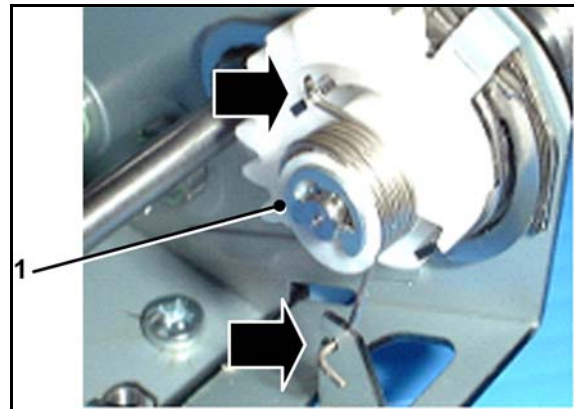


Figure 14

18. Remove the washer (2) and the spring (1) (see Figure 15). Discard the washer.

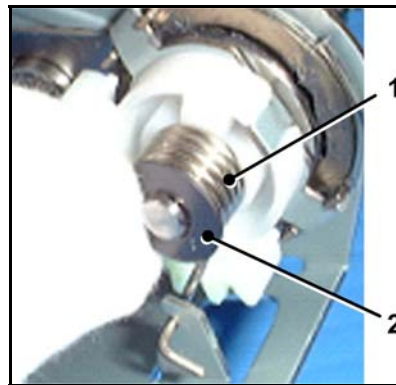


Figure 15

19. Pull Gear E (2) off of its spindle. Do not move or lose the drive pin (1) (see Figure 16). Discard Gear E.

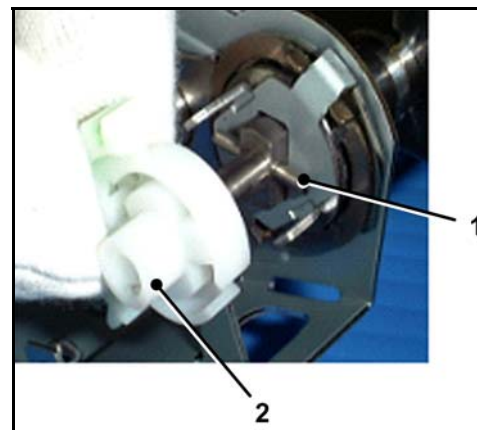


Figure 16

20. Remove all unwanted material from the transport mechanism.
21. Apply a light general purpose grease to the new Gears D and E as shown in Figure 17. Make sure you apply the grease in the root of each tooth of Gear E.



Figure 17

22. Put the new Gear E on to the spindle. Make sure that the drive pin (1) is correctly aligned.

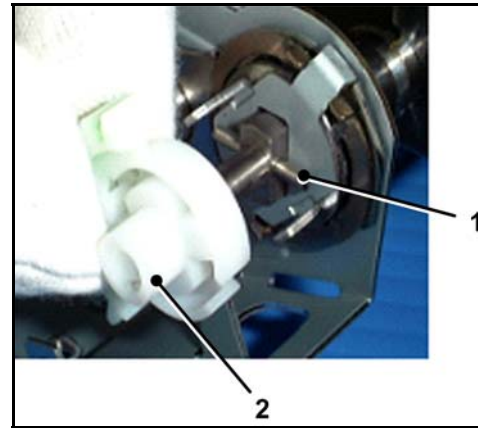


Figure 18

23. Put the spring (1) on to the spigot of Gear E (see Figure 19).
24. Put the new washer (2) on to the end of the spindle.

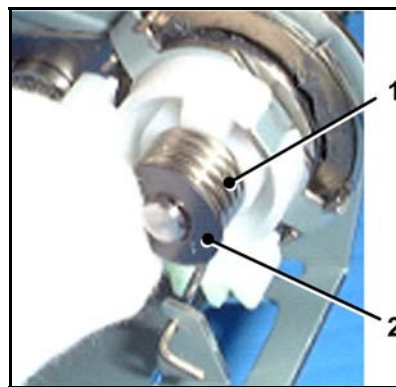


Figure 19

25. Install the new 'E' clip (1) to the end of the spindle to keep the washer in position (see Figure 20).
26. Put the two ends of the spring back into their positions. Make sure that they are correctly engaged.

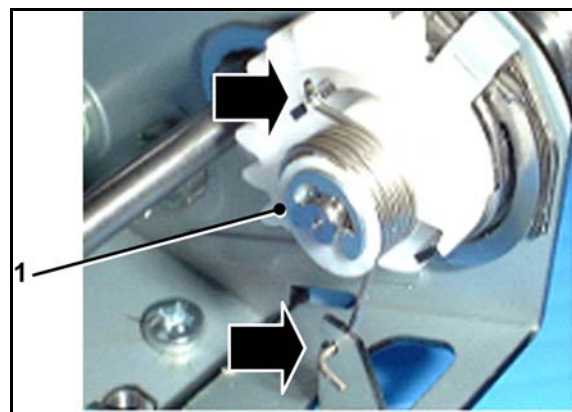


Figure 20

27. Carefully move the display screen to the closed position.

28. Install the new Gear D on to its spindle (see Figure 21). Make sure that the teeth on the small gear wheel engage correctly with Gear E.

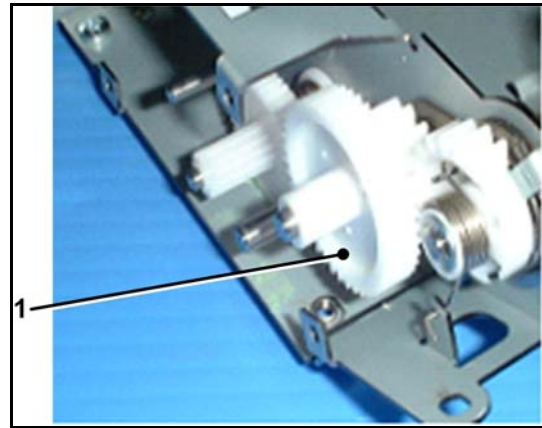


Figure 21

29. Install Gear C on to its spindle (see Figure 22). Make sure that the teeth on the large and small gear wheels are correctly engaged.

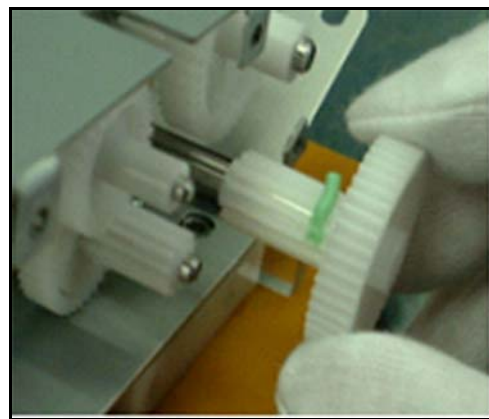


Figure 22

30. Put the side cover back into its position. Make sure that the screw (1) engages with the slot in the bracket (see Figure 23).

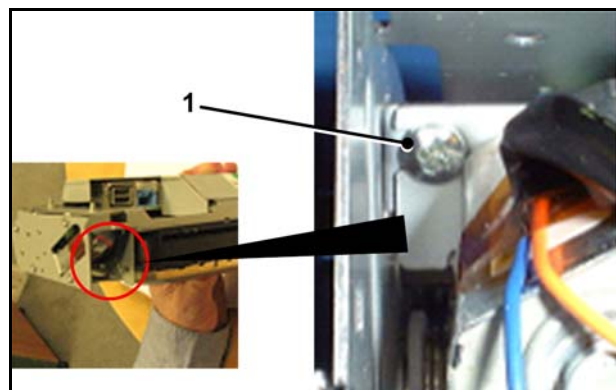


Figure 23

31. Install the four M2 screws (1) (see Figure 24). Torque the four M2 screws to 0.8 Nm. Tighten the M2 screw to 0.8 Nm (see Figure 23 item 1).

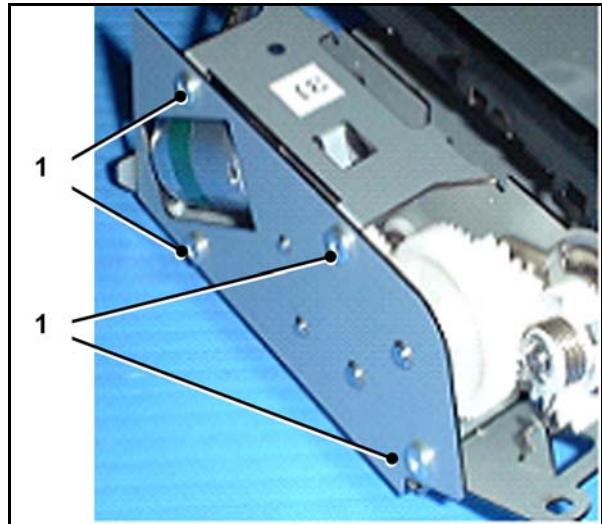


Figure 24

32. Put the bottom bracket back into its position and install the M3 screw (1) (see Figure 25).

Note: *The bottom bracket is installed below the flange on the bottom cover (red arrow).*

Torque the M3 screw to 0.8 Nm.

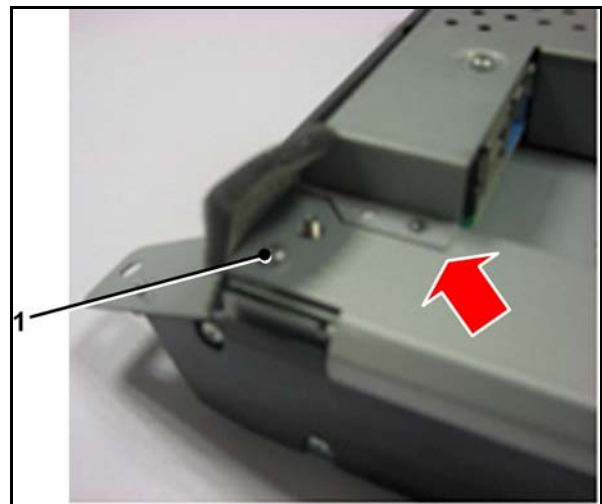


Figure 25

33. Install the two M3 screws (1) (see Figure 26). Torque the two M3 screws to 0.8 Nm.

34. Push the foam pad down on to the bottom bracket.

Note: *If necessary use a small piece of double-sided self-adhesive tape to attach the foam pad.*

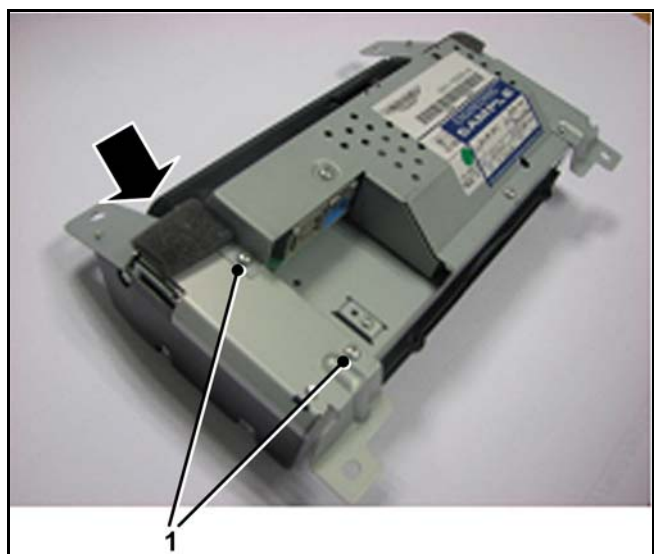


Figure 26

35. Put the bottom cover (2) back into position and install the two M3 screws (1) (see Figure 27).

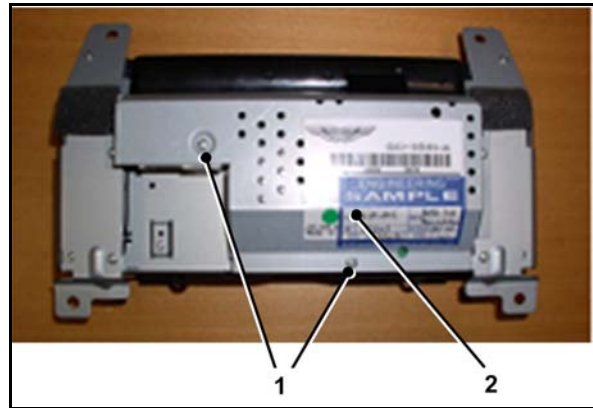


Figure 27

36. Install the plastic cover (see Figure 28). Make sure that the locking tab (black arrow) has engaged.
37. Install the M3 screw (1). Torque the M3 screw to 0.8 Nm.



Figure 28

38. Install the display as follows:
- For V8 Vantage vehicles – 01.12.AY Instrument Panel Bezel Assembly
 - For DBS vehicles – 19.07.CB Navigation Display Screen, Remove and Install
 - For DB9 vehicles – 01.05 Instrument Panel Trim
39. Make sure that the display moves correctly.

Warranty Information

Labour Operation Code	Description	Labour Time
19.07.CE	Sat Nav Display Screen – Repair Transport Mechanism	0.8 hrs.

Parts Information

Description	Part Number	Quantity
Repair Kit	4G43-37-11034	1

If you have any queries related to this Service Bulletin, please contact: Aston Martin Technical Services on:
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Simplified Technical English to ASD STE-100™.