

VEHICLE QUARANTINE NOTICE		
<b>To:</b> <b>For the attention of:</b> <b>Please copy to:</b>	<b>All North America Dealers</b> <b>After Sales Manager</b> <b>Executive Manager</b> <b>Service Manager</b> <b>Sales Manager</b> <b>Warranty</b> <b>Technician(s)</b> <b>Parts</b>	<b>Reference</b> <b>QN-07-0022</b>  <b>Issued:</b> <b>14 July 2014</b>
<b>Model:</b>	<b>DB9 and Rapide S</b>	
<b>VIN Range:</b>	<b>Refer to the separately published list of VINS</b>	
<b>Subject:</b>	<b>Replacement of Transmission Control Switches</b>	
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**Reason for this Quarantine Notice**

Aston Martin has determined that a defect which relates to motor vehicle safety exists on a quantity of vehicles that we manufactured from June 2013 until July 2014. The transmission control switches (PRND pushbutton switches) in these vehicles may contain a printed circuit board (PCB) with a defect that can cause a short circuit. A short circuit may cause the transmission to shift to neutral gear without any driver input. This will cause a loss of motive power. If this happens, the driver will not be able to maintain or increase speed. However, the steering and brakes will remain fully functional. In most conditions, drive will operate again if the vehicle is stopped, the ignition is set to off and the vehicle started again.

**IMPORTANT: We remind you that it can be a violation of Section 30120(i) of the Federal Motor Vehicle Safety Act required under this notice if a Dealer sells or leases a vehicle that is covered by this notice without first completing the repair.**

Please refer to the separately published list of VINs and do the Workshop Procedure that follows on all vehicles in the list. You can find the list of VINs on DCS at:

"Dealer Support", click on "After Sales", then "Next>>>", then click on "VIN Lists for Service Actions, Quarantines and Recalls" and click on "QN-07-0022 VINs" (Refer to Figure 1).



Figure 1

**IMPORTANT:  
DO NOT LET THE VEHICLE LEAVE YOUR WORKSHOPS UNTIL THIS QUARANTINE WORK IS  
COMPLETED.**

### Checks you must do before you complete this Quarantine Notice.

Before you start work, log on to the Online Dealer Warranty (ODW) system. Do the steps that follow:

1. Select the Warranty Live screen (Outstanding Campaigns Status).
2. Download the VIN list from DCS and do a check of the VINs in your control.
3. Find out if there are other open Service Actions (SAs) or Recall Actions (RAs) for the vehicles in the list.
4. List the SAs and RAs and plan the work so that the Owner only needs to come to your Dealership once.

**Note:** *The ODW system operates in real-time. Thus, the online condition shows only the newest Dealer Warranty Claim submissions.*

### Workshop Procedure

1. Do the battery disconnection procedure (Refer to Workshop Manual procedure 14.01.CA).
2. Apply protective tape to the leather trim around the veneer bezel to help prevent damage to the trim.
3. Use the special tool to release the veneer bezel from the Instrument Panel (IP) (Refer to Figure 2).

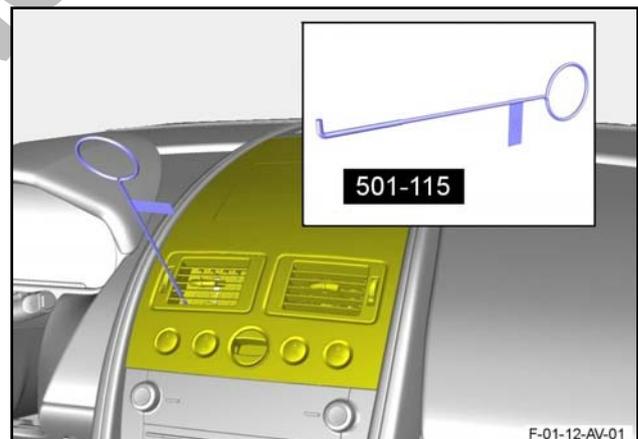


Figure 2

**CAUTION:** DURING THE STEP THAT FOLLOWS, BE CAREFUL WHEN YOU RELEASE THE VENEER BEZEL FOR THE IP. THE SURFACE FINISH CAN BE EASILY DAMAGED.

4. Release the veneer bezel from the four clips that attach it to the IP (Refer to Figure 3).

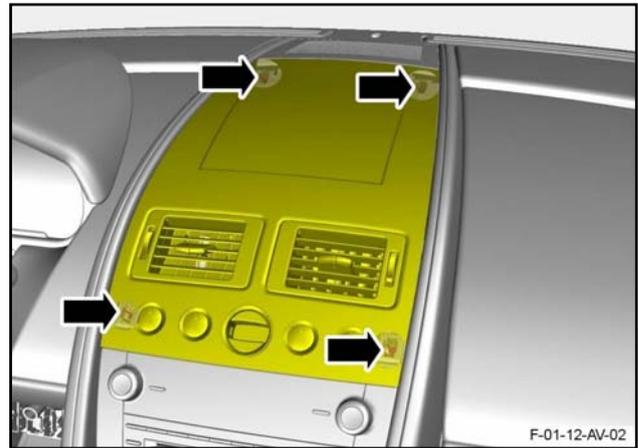


Figure 3

5. Disconnect the electrical connectors from each of the four transmission control switches (Refer to Figure 4).

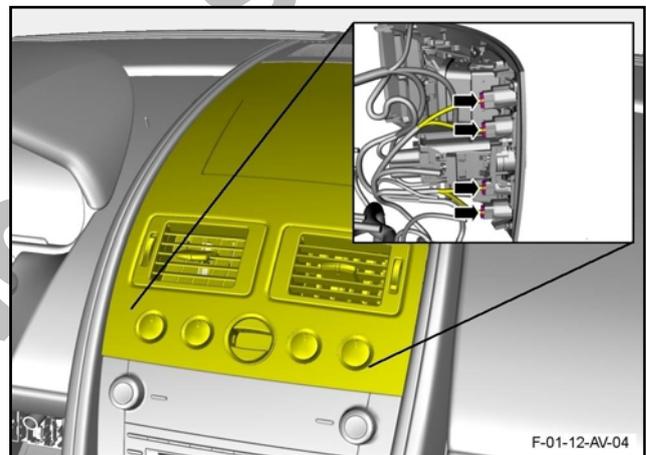


Figure 4

6. Disconnect the electrical connector from the ignition switch module (Refer to Figure 5).

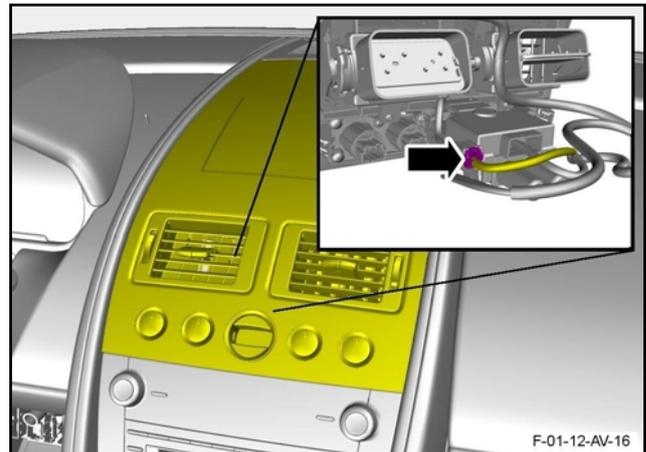


Figure 5

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7. Disconnect the electrical connector from the ignition switch module (Refer to Figure 6).

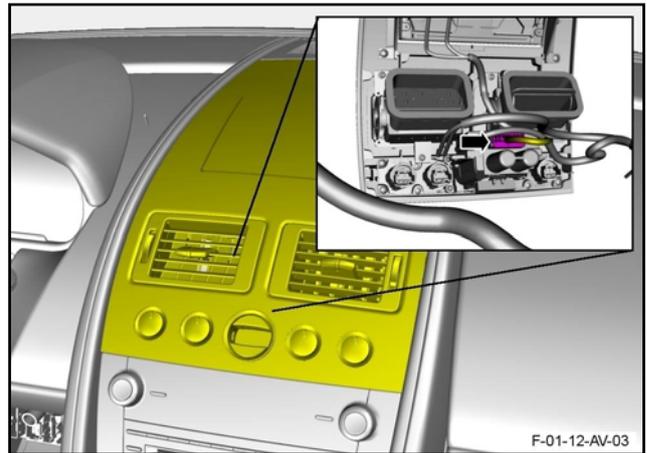


Figure 6

8. Disconnect the two electrical connectors from the navigation display screen (Refer to Figure 7).

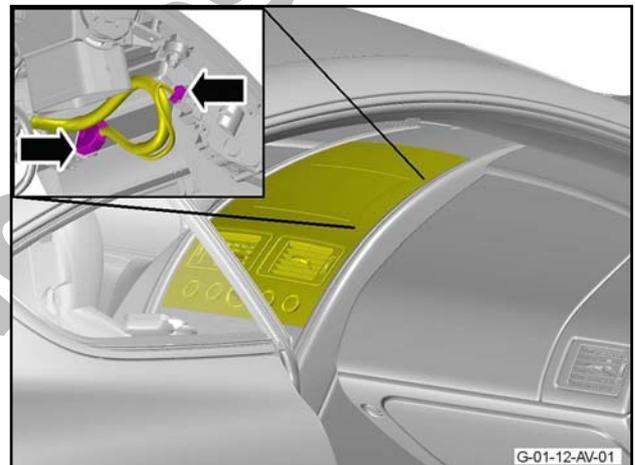


Figure 7

9. Remove the veneer bezel (Refer to Figure 8).

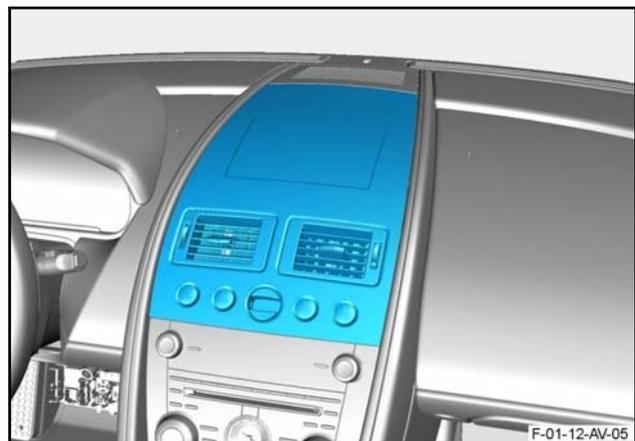


Figure 8

**CAUTION:** DO STEPS 10 THRU 16 THAT FOLLOW, ON A CLEAN WORKBENCH THAT HAS PROTECTIVE MATERIAL APPLIED TO PREVENT DAMAGE TO THE VENEER BEZEL.

10. Use an applicable thin bladed tool (1) as a lever to remove the two metal retaining clips (2) from the “Drive” switch (refer to Figure 9).

**Note: The plastic parts (3) that attach the retaining clip will break. This is usual.**

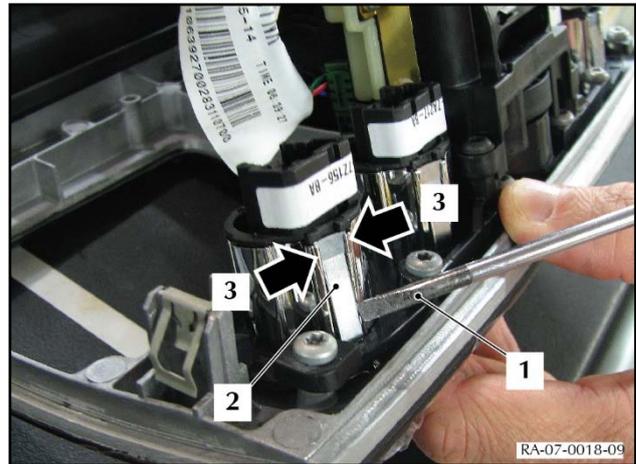


Figure 9

11. Push the “Drive” to remove it from the veneer bezel (refer to Figure 10).

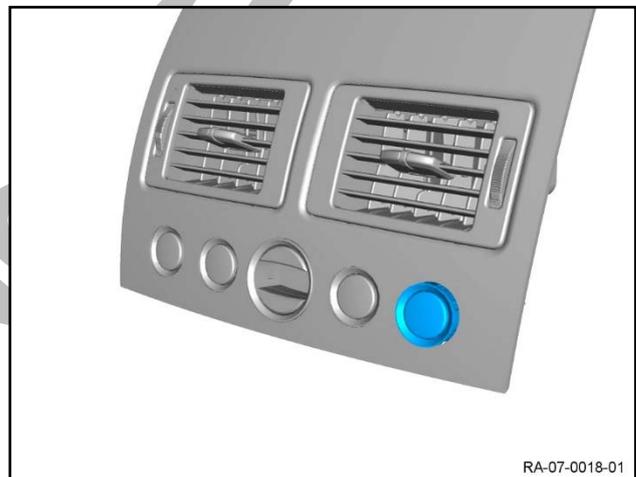


Figure 10

12. Put the new “Drive” switch into position until the two retaining clips hold the switch (refer to Figure 11).



Figure 11

13. Do steps 10 thru 12 again for the “Park” and “Reverse” Switches.
14. Do steps 10 and 11 again for the “Neutral” Switch.

15. Apply a strip of PVC insulation tape to the metal strap (1) on the left side of the ignition module (refer to Figure 12). Make sure that you fold the insulation tape around the two ends (2 and 3) of the metal strap. You must cover all of the metal strap.

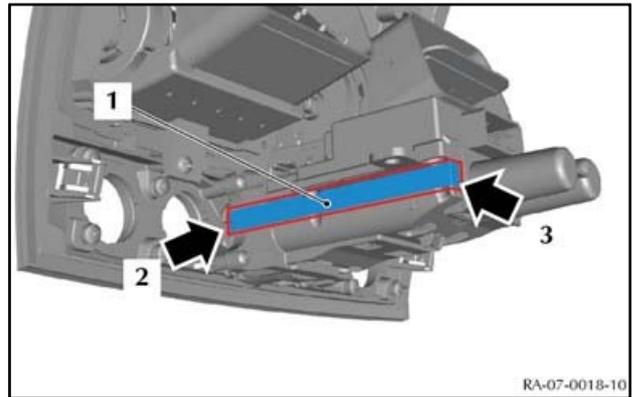


Figure 12

16. Put the new “Neutral” switch into position until the two retaining clips hold the switch (refer to Figure 11).



Figure 13

**CAUTION: DURING THE STEP THAT FOLLOWS, BE CAREFUL WHEN YOU INSTALL THE VENEER BEZEL FOR THE INSTRUMENT PANEL (IP). THE SURFACE FINISH CAN BE EASILY DAMAGED.**

17. Put the IP veneer bezel into position (refer to Figure 14).

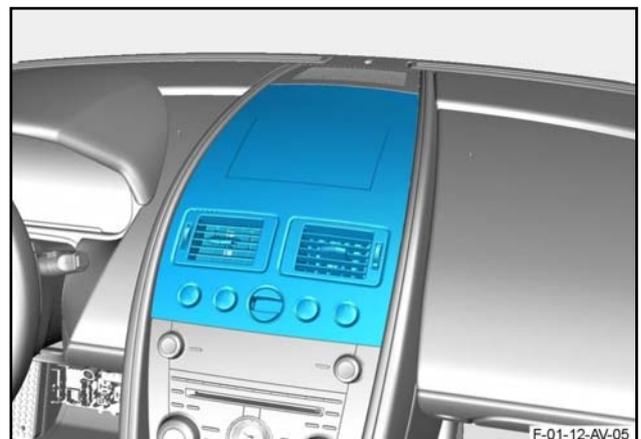


Figure 14

- 18. Connect the two electrical connectors to the navigation display screen (refer to Figure 15).

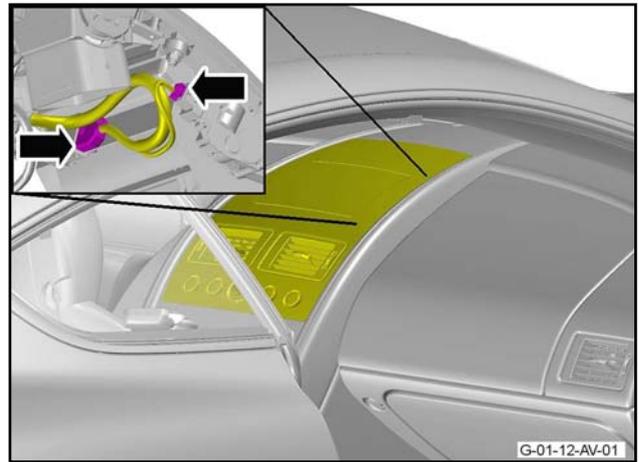


Figure 15

- 19. Connect the electrical connector to the ignition switch module (refer to Figure 16).

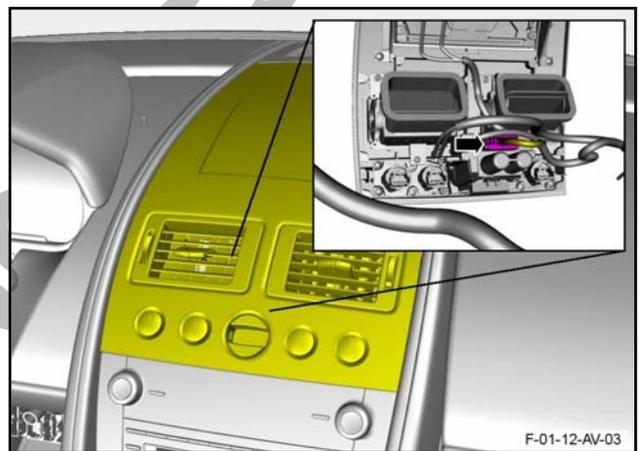


Figure 16

- 20. Connect the electrical connector to the ignition switch module (refer to Figure 17).

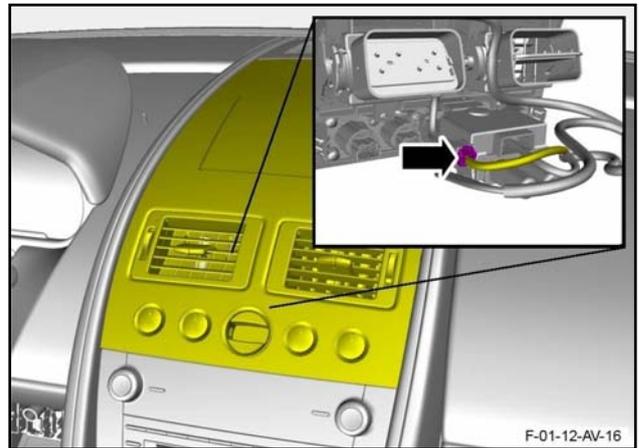


Figure 17

- 21. Connect the electrical connectors to each of the four transmission control switches (refer to Figure 18).

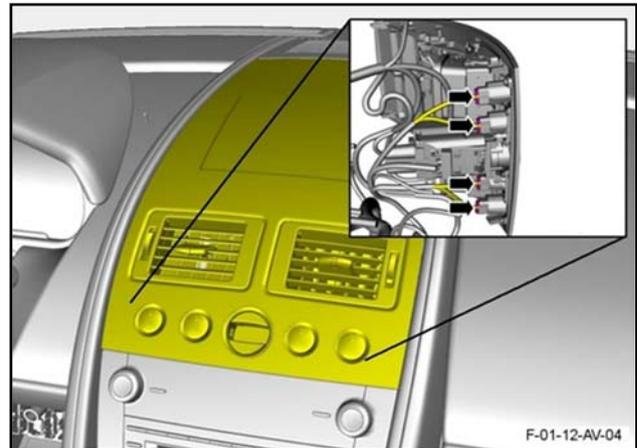


Figure 18

- 22. Install the veneer bezel to the four clips that attach it to the IP (refer to Figure 19).  
*Note: Make sure that the air vents align with the air ducts.*

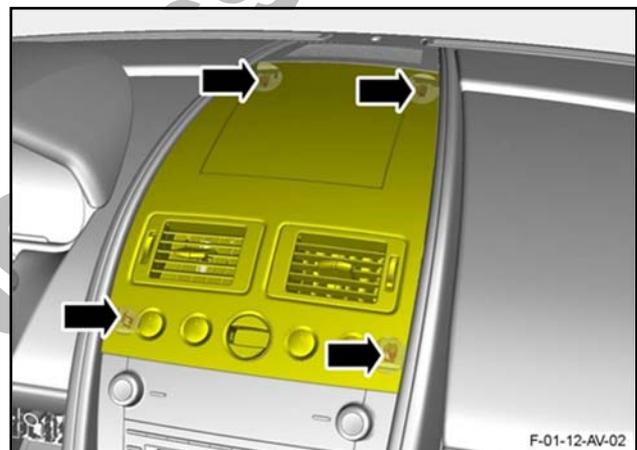


Figure 19

- 23. Remove all protective materials that you applied to the trim.
- 24. Do the battery connection procedure (14.01.CA - Battery Disconnection and Connection Procedure).
- 25. Do a road test of the vehicle and do a functional test of the switches.
  - 1. Connect the AMDS to the vehicle again.
  - 2. Use the AMDS to read all fault codes.
  - 3. Save the data file for the vehicle.
  - 4. Disconnect the AMDS from the vehicle.
  - 5. Discard the four switches that you removed.

**Note:** You must return all four transmission switches to Aston Martin Parts Operations when they have been removed from the vehicle. Refer to Part Data.

**Warranty Data**

Description	Labour Time
Replace the four transmission control switches and do a functional test.	DB9 - 0.45 hours Rapide – 0.45 hours

**Part Data**

Please return all four transmission switches to Aston Martin Parts Operations when they have been removed from the vehicle to:

**Bernice Welford-Costelloe**  
**Aston Martin Parts Operations**  
**50-60 High Park Drive**  
**Wolverton Mill East**  
**MK12 5TT**  
**England**

Tel +44 (0)1908 305532

Description	Part Number	Quantity
Switch, Park Auto	AD33-7L021-BB	1
Switch, Reverse Auto	AD33-7J175-CB	1
Switch, Neutral Auto	AD33-7A247-BB	1
Switch, Drive Auto	AD33-7J177-BA	1

Draft - Not Issued

**Appendix A - Table that Shows the Quantities of Affected Vehicles in the US Market**

*Note: Please refer to the list on DCS for the vehicles in your region.*

<b>Model</b>	<b>Registered &amp; AMLNA Fleet (RA-07-0018)</b>	<b>Port &amp; Dealer Not Registered (QN-07-0022)</b>	<b>Build Range (MM/YY)</b>
DB9 Coupe	66	70	06/13 – 06/14
DB9 Volante	80	52	06/13 – 06/14
Rapide S	123	49	06/13 – 06/14
<b>TOTAL</b>	<b>269</b>	<b>171</b>	

If you have any questions related to this Recall Action, 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™