

QUARANTINE NOTICE

Reference number:	QN-01-1048	Issued: 24 January, 2018
Subject:	Install Steering Column Grounds	
Model(s):	DB11	
VIN Range:	See attached VIN list	
Applicable to:	All Dealers	
Distribute to:	After Sales Manager Executive Manager Service Manager Sales Manager	Warranty Staff Technician(s) Parts Staff

Reason for this Quarantine Notice

On certain DB11 vehicles an electrostatic discharge (ESD), when combined with a damaged steering column control module clock spring and an insufficient grounding of the steering column upper, may lead to an inadvertent deployment of the driver airbag. This Quarantine Notice gives instruction on how to install a contact bridge and a contact spring to the steering column. These components will remove the static charge from the steering wheel.

Workshop Procedure

This Workshop Procedure has two parts: [where applicable]

- Part A - Examine steering column
- Part B - Install steering column grounds

Part A - Examine steering column

Note: *Part A of the procedure that follows is for vehicles from L02866 thru L03917 only.*

1. Move the hush panel to get access to the screw that attaches the lower duct to the instrument panel (IP) (refer to Figure 1).

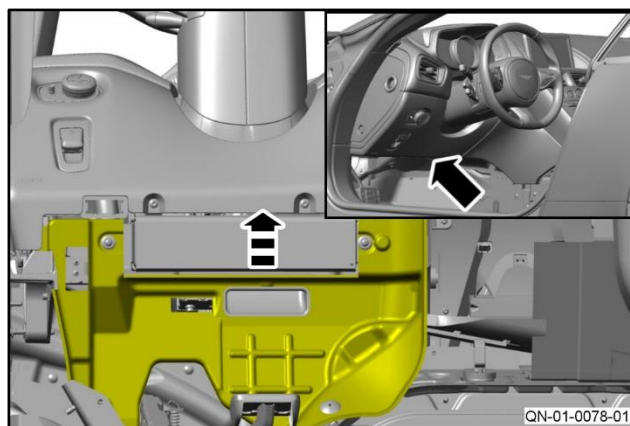


Figure 1

2. Remove the screw that attaches the lower duct to the IP (refer to Figure 2).

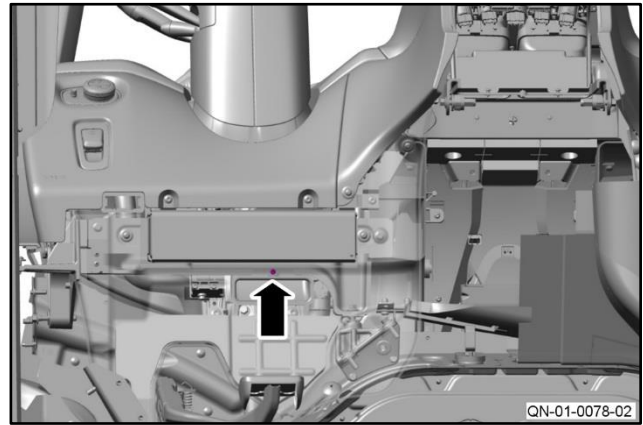


Figure 2

3. Move the vent duct to get access to the steering column (refer to Figure 3).

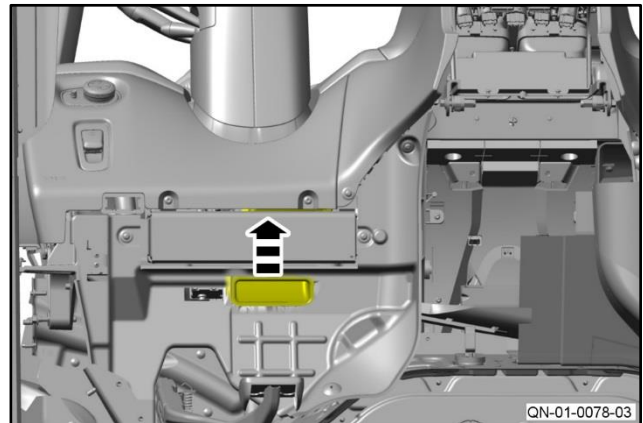


Figure 3

4. Do a check of the component number on the label (refer to Figure 4).
 - If the steering column is Q01 or Q02, photograph the label and do Part B after Part A is complete.
 - If the steering column is Q03 or higher, no more work is necessary after Part A is complete.



Figure 4

5. Move the vent duct to it's original position (refer to Figure 5).

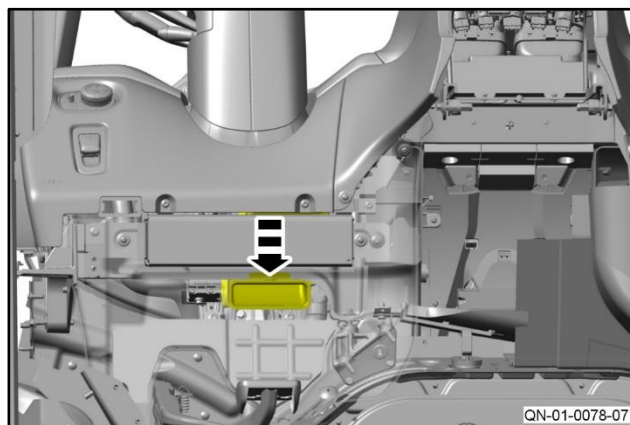


Figure 5

6. Install and tighten the screw that attaches the lower duct to the IP (refer to Figure 6).

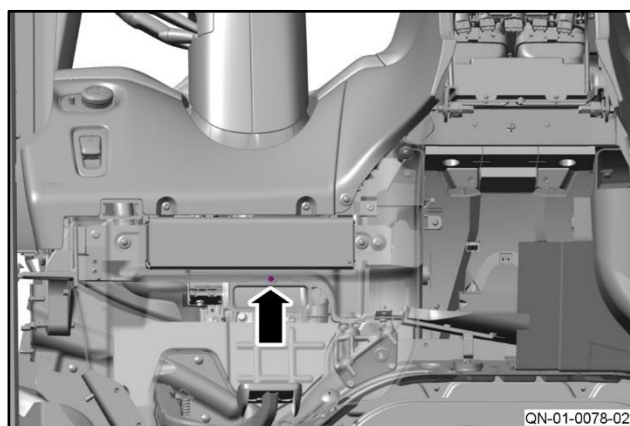
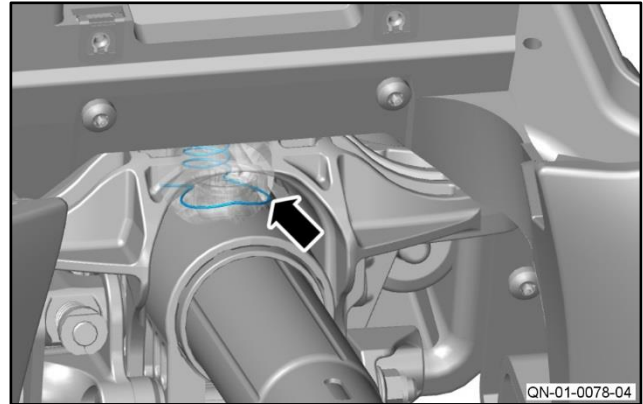


Figure 6

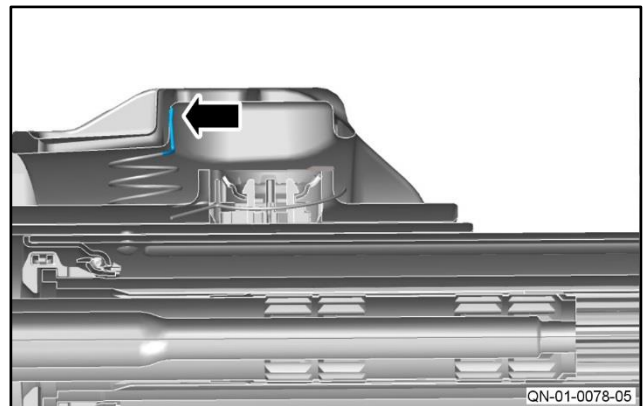
Part B - Install steering column grounds

Note: *Part B of the procedure that follows is for all DB11 vehicles to L02865. Part B is also for DB11 vehicles from L02866 thru L03917 with Q01 or Q02 steering columns.*

1. Move the steering column to its lowest position.
2. Remove the top and bottom shroud assembly for the steering column (refer to Workshop Manual Procedure 11.04.DB).
3. Install the contact spring onto the circular casting on steering column (refer to Figure 7).

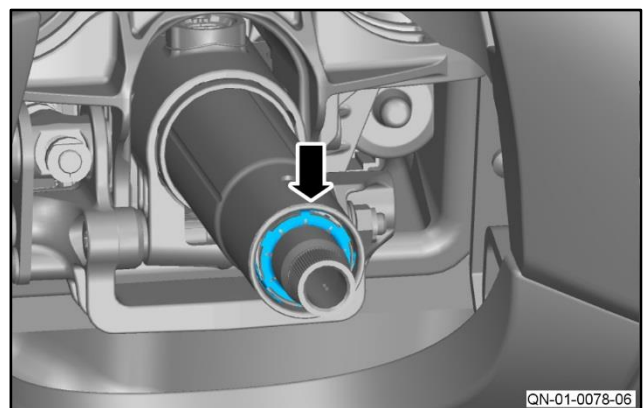
**Figure 7**

4. The contact spring must be installed so that it touches the circular casting on the steering column (refer to Figure 8).

**Figure 8**

5. Install the contact bridge onto the steering column (refer to Figure 9).

Note: *The contact bridge must touch the outer steering column shaft.*

**Figure 9**

6. Use a multi-meter to measure the resistance between the inner column (1) and the steering column casing (2) (refer to Figure 10).

- If the resistance is below 3 ohms go to step 7.
- If the resistance is above 3 ohms, make sure the components installed in steps 3 thru 5 are installed correctly.

Note: *If the resistance is still above 3 ohms, contact AMTech.*

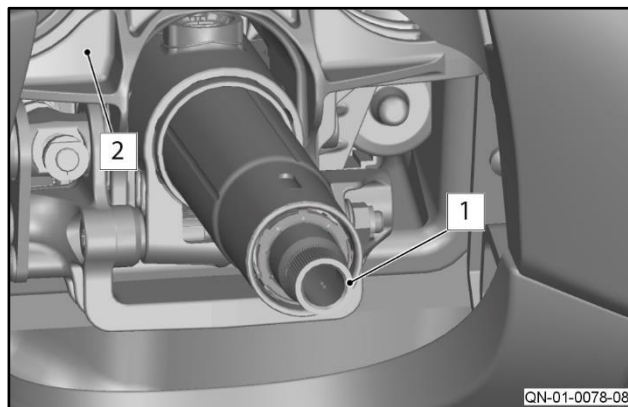


Figure 10

7. Install the top and bottom shroud assembly for the steering column (refer to Workshop Manual Procedure 11.04.DB).

Part Data

Description	Part Number	Quantity
Contact Bridge	HY53-SE14A664-AA	1
Contact Spring	HY53-SE14A664-BA	1

Warranty Data

Note: *If part B of the workshop procedure is necessary you must send the photograph of the label with your claim.*

*Save the photo in the format "Dealer Name - QN-01-1048 - *****" (6 Digit Chassis No)*

Use the same format in the title of an email and send it to warranty@astonmartin.com

Please be aware that Warranty claims for installation of the contact spring and contact bridge parts may be charged back if a photograph is not received.

Procedure and Labour Time

Tier A - Examine Steering Column (Vehicles from L02866 thru L03917 only)

Description	Labour Time
Examine Steering Column	0.1 Hours
Install Steering Column Grounds	1.8 hours

Tier B – Install steering column grounds (Vehicles to L02865)

Description	Labour Time
Install Steering Column Grounds	1.8 hours

If you have any questions related to this Quarantine Notice, please contact: Aston Martin Technical Services on: +44 (0) 1926 644720, email: askamtech@astonmartin.com,
Or contact your After Sales Manager.

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