

SERVICE BULLETIN

Reference number:	SB-01-1094	Issued: 17 September, 2018
Subject:	Deployable spoiler wear	
Model(s):	Vanquish Zagato Volante and Speedster	
VIN Range:	All Vanquish Zagato Volante and Speedster	
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 found that frequent use of the deployable spoiler on Vanquish Zagato Volante and Speedster models can cause increased wear of the spoiler mechanism. Increased wear of the spoiler mechanism can result in an incorrect spoiler position which can reduce visibility of the central high-mounted stop-lamp (CHMSL).

At the annual service, do the procedure that follows to examine the position of the raised spoiler.

Workshop Procedure

This Workshop Procedure has the parts that follow:

- Part A - Examine the position of the raised deployable spoiler
- Part B – Replace the deployable spoiler

Part A - Examine the position of the raised deployable spoiler

CAUTION: DO NOT MANUALLY MOVE OR ADJUST THE POSITION OF THE DEPLOYABLE SPOILER AT ANY POINT IN THE STEPS THAT FOLLOW.

1. Turn the vehicle ignition on. The spoiler will deploy to stage 1. (Refer to Figure 1.)



Figure 1

CAUTION: BE CAREFUL NOT TO CAUSE ANY DAMAGE TO THE VEHICLE IN THE STEP THAT FOLLOWS. DO NOT USE A METAL TOOL THAT COULD SCRATCH THE PAINTWORK.

2. Measure the height between the boot lid and the bottom surface of the spoiler.
Do this at the vehicle centre line. (Refer to Figure 2, Figure 3 and Figure 4.)
Record the result.

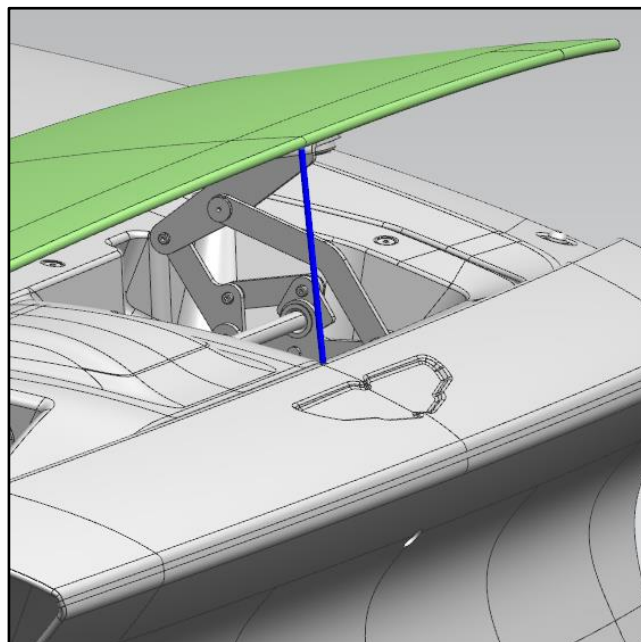


Figure 2

3. Figure 3 shows the point on the boot lid to measure from.

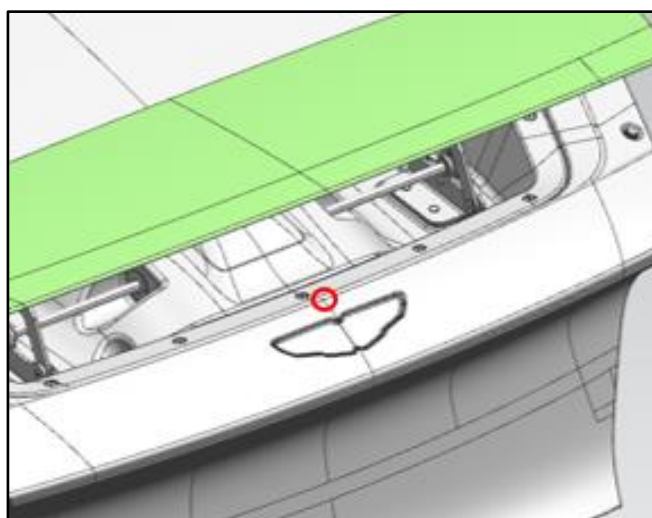


Figure 3

4. Figure 4 shows the point on the bottom surface of the spoiler blade to measure from.

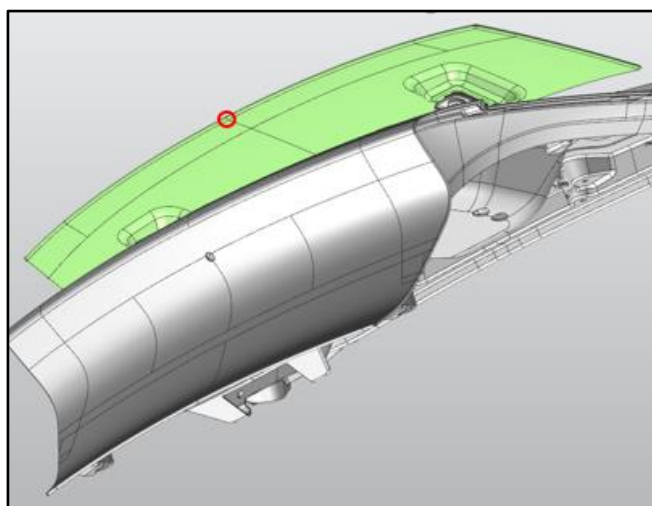


Figure 4

5. Deploy the spoiler to stage 2. Use the maintenance mode button on the vehicle's center stack.
(Refer to Figure 5.)



Figure 5

6. Retract the spoiler from stage 2 to stage 1. Use the maintenance mode button on the vehicle's center stack.
7. Measure the height between the boot lid and the bottom surface of the spoiler.
Do this at the vehicle centre line. (Refer to Figure 2, Figure 3 and Figure 4.)
Record the result.
8. The stage 1 spoiler height results recorded at step 2 and step 7 should not be less than 92mm. (Refer to Figure 6.)

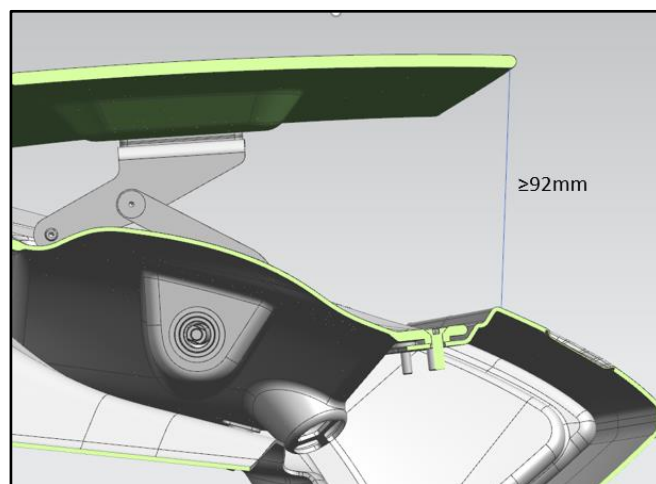


Figure 6

9. If the results are equal to or more than 92mm then the spoiler mechanism is correct and no further action is needed.
10. If the results are less than 92mm then the spoiler mechanism can be considered worn and must be replaced. Do Part B of this Service Bulletin

Part B – Replace the deployable spoiler

1. Open the boot lid.

2. Remove the screw that attaches the boot lid trim to the boot lid. (Refer to Figure 7.)



Figure 7

3. Remove the seven clips that attach the boot lid trim to the boot lid. Use a trim removal tool to do this. (Refer to Figure 8.)



Figure 8

4. Remove the boot lid trim.
5. Close the boot lid.
6. Deploy the spoiler to stage 2. Use the maintenance mode button on the vehicle's center stack.
7. Remove the access hole plugs. Use a trim removal tool to do this. (Refer to Figure 9.)

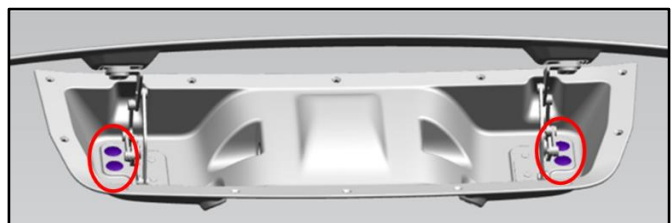


Figure 9

CAUTION: MAKE SURE NO DAMAGE TO THE SPOILER BLADE OCCURS IN STEPS 8 AND 9 THAT FOLLOW.

8. Remove the screws that attach the spoiler blade to the spoiler mechanism. (Refer to Figure 10.)

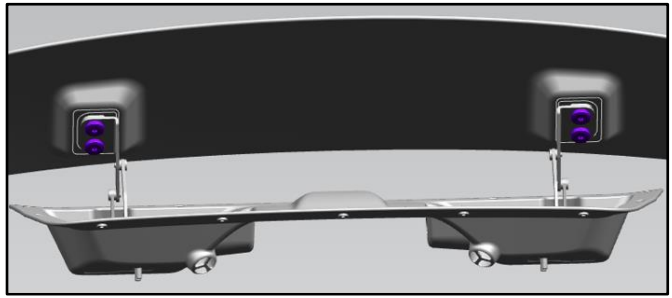


Figure 10

9. Remove the spoiler blade and any shims.
10. Turn the vehicle ignition off. This will retract the spoiler mechanism.
11. Remove the twelve screws that attach the spoiler mechanism to the boot lid. (Refer to Figure 11.)

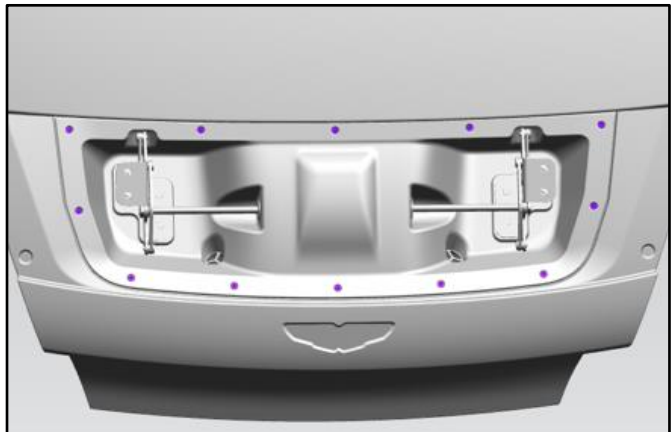


Figure 11

12. Lift the spoiler mechanism carefully and disconnect it from the wiring harness. (Refer to Figure 12.)

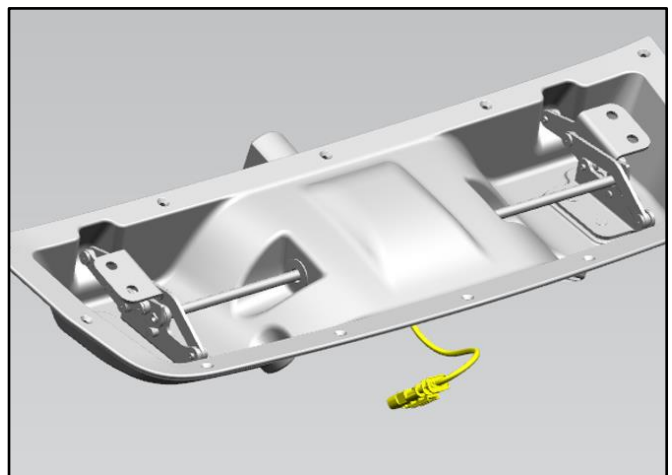


Figure 12

13. Remove the spoiler mechanism from the vehicle.
14. Move the new spoiler mechanism into position.

15. Connect the new spoiler mechanism to the wiring harness. (Refer to Figure 13.)

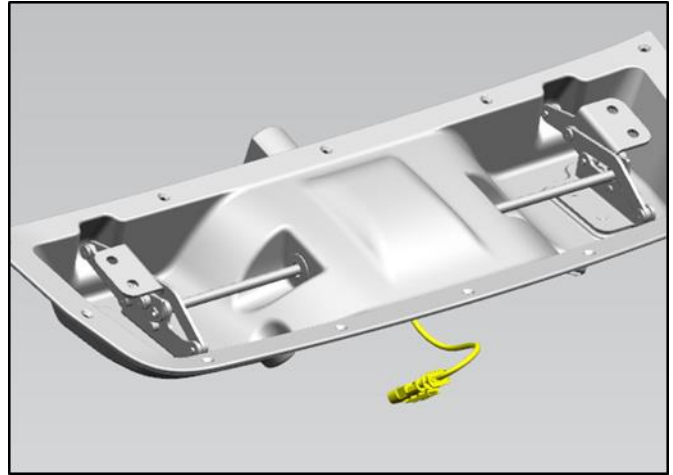


Figure 13

16. Install the new spoiler mechanism in the boot lid. Torque the twelve screws to 2Nm in the order shown. (Refer to Figure 14.)

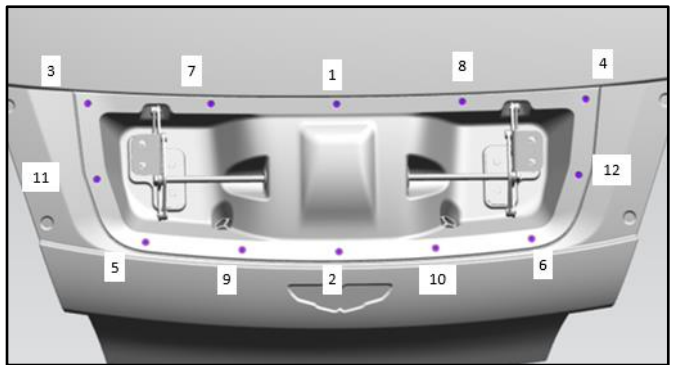


Figure 14

17. Turn the vehicle ignition on and deploy the spoiler to stage 2. Use the maintenance mode button on the vehicle's center stack.

CAUTION: MAKE SURE NO DAMAGE TO THE SPOILER BLADE OCCURS IN STEPS 18 AND 19 THAT FOLLOW.

18. Attach the spoiler blade to the spoiler mechanism. Tighten the screws with your fingers. (Refer to Figure 15.)

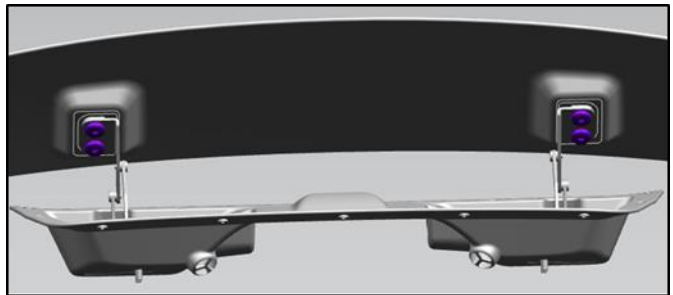


Figure 15

19. Turn the vehicle ignition off. This will retract the spoiler to stage 0. (Refer to Figure 16.)



Figure 16

20. Make sure that the gap between the spoiler blade and boot lid is the same all around. (Refer to Figure 17.)

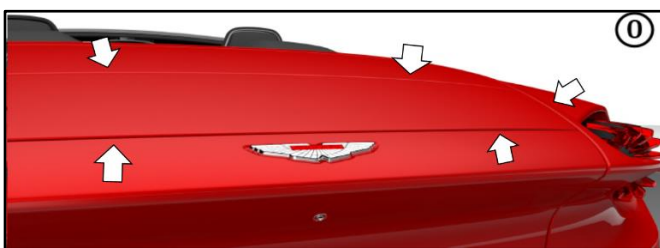


Figure 17

Note: *Also make sure that the spoiler blade is flush with the boot lid. This can be adjusted by a change to the shim pack height. If necessary do steps 17 thru 20 again to get this correct.*

21. Open the boot lid.
22. Torque the four screws that attach the spoiler blade to the spoiler mechanism to 9Nm. Get access to the four screws through the access hole in the boot lid and spoiler mechanism. (Refer to Figure 18.)

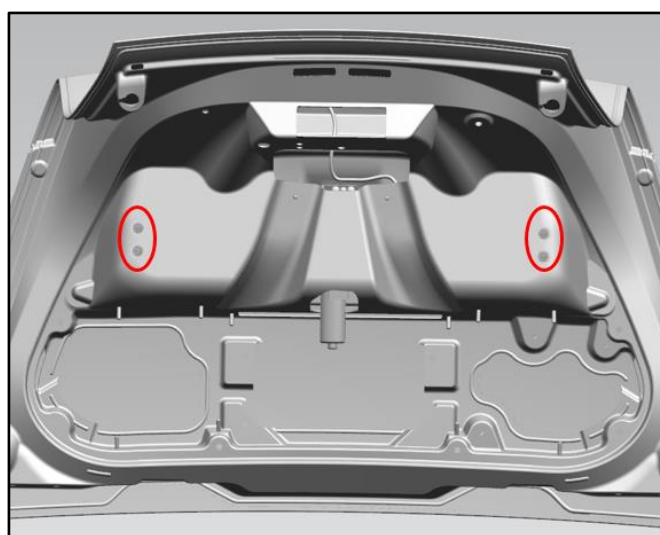


Figure 18

23. Move the boot lid trim into position in the boot lid.
24. Install the seven clips that attach the boot lid trim to the boot lid. (Refer to Figure 19.)



Figure 19

- 25. Install the screw that attaches the boot lid trim to the boot lid. (Refer to Figure 20.)



Figure 20

- 26. Close the boot lid.
- 27. Deploy the spoiler to stage 2. Use the maintenance mode button on the vehicle's center stack.
- 28. Install the access hole plugs. (Refer to Figure 21.)



Figure 21

- 29. Turn the vehicle ignition off.

Part Data

Description	Part Number	Quantity
SPOILER ASY KIT	JD3Y-44226-AB	1
SCREW & WASHER M6 19 PAN INT TORX	ED33-FA0115-AA	4
SCREW CSK M4 X 16 SS BLACK	4G43-103081-BA	12

Warranty Data**Procedure and Labour Time**

Description	Labour Time	ROT Code
Replace the deployable spoiler.	0.7 hours	01.08.DK

Failure Mode Description

Select the failure modes that follow when you make a claim through the Warranty system:

Subsystem	Location	Component	Mode of Failure
BODY PANELS	BODY - REAR - SPOILER / WING	AREOBLADE – ASSY	POOR PERFORMANCE

If you have any questions related to this Service Bulletin, 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 Service Bulletin is written in
Simplified Technical English to ASD-STE100™.