

SERVICE BULLETIN

Reference number:	SB-01-0443	Issued: 31 May 2017
Subject:	DB11 Rear Spoiler	
Model(s):	DB11	
VIN Range:	All	
Applicable to:	All Dealers	
Distribute to:	After Sales Manager Sales Manager	Service Manager Technician(s)

Reason for this Service Bulletin

The AeroBlade system that is installed on DB11 vehicles includes a rear spoiler that deploys at a specified speed and retracts when the vehicle's speed has fallen below a specified value, as follows:

Drive Mode	GT Mode	Sport Mode	Sport+ Mode
Spoiler deploys at – km/h (mph)	150 (93)	110 (68)	90 (56)
Spoiler retracts after a specified time at less than deployment speed – seconds	30	30	600
Spoiler retracts below – km/h (mph)	80 (50)	70 (44)	70 (44)
For safety reasons, the spoiler will not retract below – km/h (mph)	62 (38)	62 (38)	62 (38)

Note: *If a fault causes the rear spoiler not to move to the correct position, it will go into a fault state (it will not move) until the next ignition on/off cycle.
If a fault causes the rear spoiler not to deploy, a warning message will show in the right instrument cluster window.
If a fault causes the rear spoiler not to retract, a warning message will not show in the right instrument cluster window.
All failures of the system will cause a Diagnostic Trouble Code (DTC) to be stored.*

If the AeroBlade rear spoiler does not move, or if it does not move easily, do the checks that follow:

Workshop Procedure

Note: *The spoiler guide bearings are made of self-lubricating material. Do not apply lubricant to the spoiler guide assemblies.*

1. Use the AMDS 2.0 DRVU Special Application to deploy and lower the rear spoiler five times.
2. Do a check that the rear spoiler does not rub on the boot lid.
3. If the rear spoiler moves correctly, deploy and lower it again, but now simulate the aerodynamic load. Apply light hand pressure forward and rearward on the left end as you deploy and lower the spoiler.

CAUTION: **THE SPOILER SYSTEM DOES NOT HAVE AN ANTI-TRAP FUNCTION – DO NOT LET YOUR FINGERS BE CAUGHT BY THE SPOILER WHILE IT RETRACTS.**

4. Do the check at Step 3 again, but apply pressure on the right end.
5. If the spoiler rubs, or if you can make the fault occur under load, remove the boot lid panel (refer to Workshop Manual procedure 01.03.HM).
 - Do a check that the clearances around the rear spoiler are the same between the spoiler and the boot lid.
 - If the clearances are not the same, adjust the spoiler – it is possible that it can twist as it moves.

6. Do the check at Steps 3 and 4 again to make sure that the spoiler moves easily. Adjust as necessary.
7. If the clearances around the rear spoiler are the same and the spoiler still does not move easily, do the check at Step 8.
8. Do a check that there is not a quantity of paint on the two ends of the rear spoiler where it engages with the white bearings of the spoiler guide assemblies (there must be no paint on the two ends of the spoiler – refer to Figure 1).

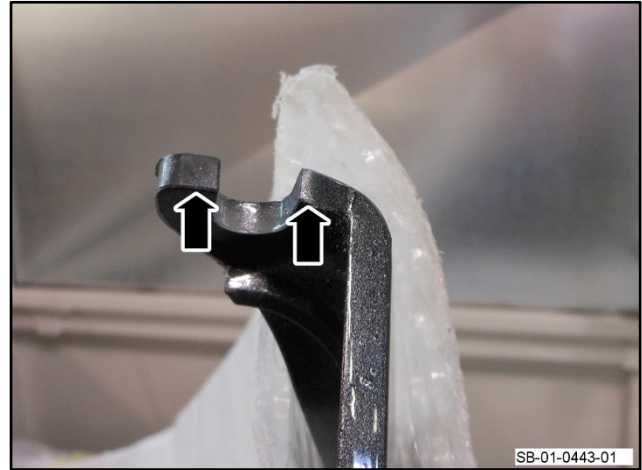


Figure 1

9. Do a check again that the spoiler moves easily.
10. If there is no paint on the two ends of the rear spoiler and the rear spoiler still does not move easily, continue to Step 11.
11. If the rear spoiler still does not move easily, replace the spoiler guide assemblies – refer to Figure 2 (refer to Workshop Manual procedure 01.08.DD).

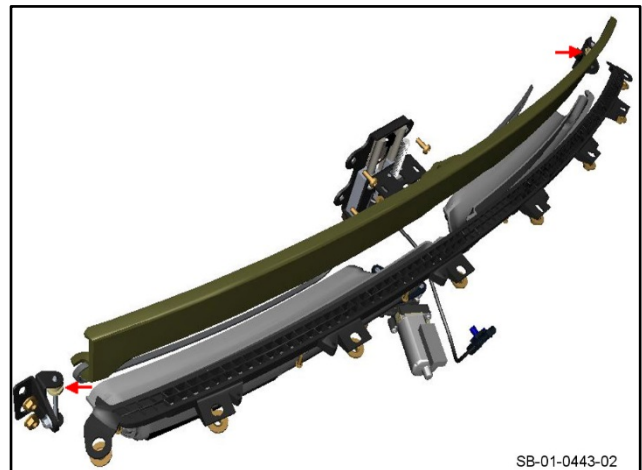


Figure 2

Note: *From VIN L02366, we have installed modified spoiler guide assemblies, which we believe will give better performance. For early vehicles, you can order these under Part Number HY53-44298-AD and install them to replace the unserviceable assemblies. They are fully interchangeable. If you need to replace the spoiler guide assemblies of a later vehicle, you must raise an ePDR.*

12. Do a check again that the spoiler moves easily.
13. Do Workshop Manual procedure 00.06.AD AMDS Operation Check (Check). Erase any relevant Diagnostic Trouble Codes (DTCs).

Part Data

Description	Part Number	Quantity
Spoiler Guide Assembly	HY53-44298-AD	1 or 2 (as necessary)

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	AEROBLADE – ASSY	INOPERATIVE
ELECTRICAL	BODY – REAR – SPOILER / WING	AEROBLADE – ASSY	INOPERATIVE
BODY PANELS	BODY – REAR – SPOILER / WING	AEROBLADE – ASSY	POOR PERFORMANCE – VIBRATION/ RESONANCE

If you have any questions related to this Service Bulletin, please contact: Aston Martin Technical Services
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Or contact your After Sales Manager.

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