

SERVICE BULLETIN

Reference number:	SB-03-0412V2		Issued: 14 June 2016	
Subject:	Support Bracket for the New Throttle Pedal Assembly			
Model(s):	All RHD vehicles from August 2004, but not One-77, Vanquish and Cygnet			
	All Vehicle Identification Numbers (VINs) before:			
	DB9 – B16839	V8 Vantage S — all		
	DBS – all	V12 Vantage – all		
VIN Range:	Rapide – all	V12 Zagato – all		
	Rapide S — F05060	V12 Vantage S – S02303		
	Lagonda Taraf — S50031	Vantage GT12 – S62294		
	V8 Vantage – C20207	Virage – all		
Applicable to:	All Dealers			
Distribute to:	After Sales Manager	Warranty		
	Executive Manager	Technician(s)		
	Service Manager	Parts		
	Sales Manager			

Reason for Version 2 of this Service Bulletin (SB-03-0412V2)

We have issued Version 2 of this Service Bulletin because we have created a kit that includes all the necessary components and because we have changed the adhesive needed. Changes to this document have a black line against them in the left margin. Please destroy all copies of SB-03-0412 that you have and replace them with this Service Bulletin SB-03-0412V2.

Reason for this Service Bulletin (SB-03-0412)

A new type of throttle pedal needs an additional support bracket. The support bracket is installed in Production on vehicles after the VINs given. Before you install a new-type throttle pedal on a vehicle before the VINs given, you must bond a support bracket to the body extrusion. If you install a new-type throttle pedal on an earlier vehicle, you must do the Workshop Procedure that follows also to install a support bracket.

Workshop Procedure

- 1. Remove the throttle pedal (refer to Workshop Manual procedure 03.18.AB, AC or AE (as applicable)).
- 2. Carefully pull away the NVH material around the lower end of the pedal support, sufficiently to give access to the working area.
- **3.** Use abrasive paper to remove the anodising from the mating surface of the support bracket. Also use abrasive paper to remove the paint from the mating surface of the vehicle body.
- **4.** Clean the abraded mating surfaces of the support bracket and of the vehicle body with Betaclean 3900. Dry with a clean fibre-free cloth.
- **5.** Apply a thin primer layer of Plexus MA300 methacrylate adhesive on the mating surfaces (refer to Figure 1) of the support bracket and of the vehicle body. Wait two minutes for the adhesive to become tacky.

Note: The working time of Plexus MA300 - after the two parts are mixed and until the adhesive is no longer usable - is 4 to 6 minutes. During this time, you must apply the adhesive, attach the support bracket and install the screws to align the bracket.

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6. Apply an 8 mm bead of Plexus MA300 to the support bracket where shown by the red-shaded area (refer to Figure 1).

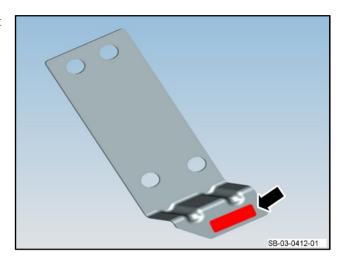


Figure 1

7. The throttle pedal engages on three of the four rivnuts that are put in the body extrusion (refer to Figure 2). You must put the support bracket in its correct position around all the rivnuts.



Figure 2

8. Put the support bracket into position. Install and tighten the four M6 x 20 screws to hold the support bracket in position until the adhesive has fully cured (refer to Figure 3).

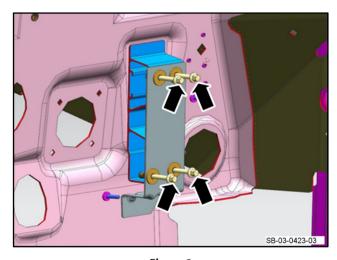


Figure 3

Note: The curing time of Plexus MA300 is 12 to 15 minutes at 23 °C (73 °F). At temperatures below 18 °C (64 °F), wait for up to 30 minutes for the adhesive to cure fully.

- 9. Remove all fixings and washers when the adhesive has fully cured.
- 10. Put the NVH material back into position.
- 11. Install the throttle pedal (refer to Workshop Manual procedure 03.18. AB, AC or AE (as applicable)).

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Part Data

Description	Part Number	Quantity
Throttle Pedal Kit – needed on vehicles before VINs given wl assemblies installed. Each kit contains the components that for		w throttle pedal
Thr Pdl Kit – Silver Bosch:	GD43-7C571-AA	1
Throttle Pedal Assembly, Bosch, Silver	FD43-9F836-AA	1
Support Bracket	GOGG43-2L222-AA	1
M6 X 20 Screw and Washer	702839-KIT	4
Thr Pdl Kit – Black Bosch:	GD43-7C571-BA	1
Throttle Pedal Assembly, Bosch, Black	FD43-9F836-BA	1
Support Bracket	GOGG43-2L222-AA	1
M6 X 20 Screw and Washer	702839-KIT	4
Thr Pdl Kit – Silver Visteon:	GD43-7C571-CA	1
Throttle Pedal Assembly, Visteon, Silver	FG33-9F836-AA	1
Support Bracket	GOGG43-2L222-AA	1
M6 X 20 Screw and Washer	702839-KIT	4
Thr Pdl Kit – Black Visteon:	GD43-7C571-DA	1
Throttle Pedal Assembly, Visteon, Black	FG33-9F836-BA	1
Support Bracket	GOGG43-2L222-AA	1
M6 X 20 Screw and Washer	702839-KIT	4
Materials necessary:		
Betaclean 3900	699500 or local supply	1 litre can
Plexus MA300	700484 or local supply	50 ml 2-part cartridge with 1:1 mixer
Abrasive paper – local supply	Not Applicable	As needed
Fibre-free cloth – local supply	Not Applicable	As needed

Warranty Data

Procedure and Labour Time

Description	Labour Time	ROT Code
Install Throttle Pedal Support Bracket:		
DB9 Coupe and Volante	0.25 hours	03.18.AF
DBS Coupe and Volante	0.25 hours	03.18.AF
Rapide and Rapide S Coupe	0.25 hours	03.18.AF
Lagonda Taraf Saloon	0.25 hours	03.18.AF
V8 Vantage & V8 Vantage S Coupe and Roadster	0.20 hours	03.18.AF
V12 Vantage & V12 Vantage S Coupe and Roadster	0.20 hours	03.18.AF
Vantage GT12 Coupe	0.20 hours	03.18.AF
V12 Zagato Coupe	0.25 hours	03.18.AF
Virage Coupe and Volante	0.25 hours	03.18.AF

Failure Mode Description

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

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Subsystem	Location	Component	Mode of Failure
ELECTRICAL	– CABIN – PEDAL BOX	– PEDAL BOX – THROTTLE PEDAL	– INOPERATIVE – DAMAGED
ELECTRICAL	– CABIN – PEDAL BOX	– PEDAL BOX – THROTTLE PEDAL	– INOPERATIVE – SEIZED
ELECTRICAL	– ENGINE – BASE	– PEDAL BOX – THROTTLE PEDAL	– INOPERATIVE
ELECTRICAL	– ENGINE – BASE	– PEDAL BOX – THROTTLE PEDAL	– INOPERATIVE – DAMAGED
ELECTRICAL	– ENGINE – BASE	– PEDAL BOX – THROTTLE PEDAL	– INOPERATIVE – SEIZED
POWERTRAIN	– CABIN – PEDAL BOX	– PEDAL BOX – THROTTLE PEDAL	– INOPERATIVE
POWERTRAIN	– CABIN – PEDAL BOX	– PEDAL BOX – THROTTLE PEDAL	– INOPERATIVE – DAMAGED
POWERTRAIN	– CABIN – PEDAL BOX	– PEDAL BOX – THROTTLE PEDAL	– INOPERATIVE – SEIZED
POWERTRAIN	– CABIN – PEDAL BOX	– PEDAL BOX – THROTTLE PEDAL	– SQUEAK / RATTLE – NOISY ASSEMBLY
POWERTRAIN	– ENGINE – BASE	– PEDAL BOX – THROTTLE PEDAL	– INOPERATIVE
POWERTRAIN	– ENGINE – BASE	– PEDAL BOX – THROTTLE PEDAL	– INOPERATIVE – DAMAGED
SQUEAK & RATTLE	– CABIN – PEDAL BOX	– PEDAL BOX – THROTTLE PEDAL	– SQUEAK / RATTLE – NOISY ASSEMBLY

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™.

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