

Fitting Instructions

Revo Intercooler Pipe Upgrade Kit 3.0 TFSI B9 S4/S5/SQ5 (8W/F5/FY)

Fitting Difficulty



Contents

Description	Qty
Revo B9 S4-S5 Throttle Hard Pipe	1
Revo B9 S4-S5 Throttle Body Hose	1
Revo B9 S4-S5 Intercooler Outlet Hose	1
Revo B9 S4-S5 Intercooler Inlet Hose	1
M6 x 6mm Bolt	1
M6 x 10mm Bolt	1
M6 Flat washer	1
60-80mm Hose Clamp	5
50-70mm Hose clamp	1
Temp sensor bracket	1

Recommended Tools

Tools	Size
Sockets	7, 8, 10mm
Ratchet	
Ratchet Extension	
Torx Bits	T25, T30
Allen Keys	5mm
Straight Screwdriver	Medium



Before starting, please ensure that the battery is disconnected and the engine is cool. Engine temperatures can remain high for a substantial amount of time after use.



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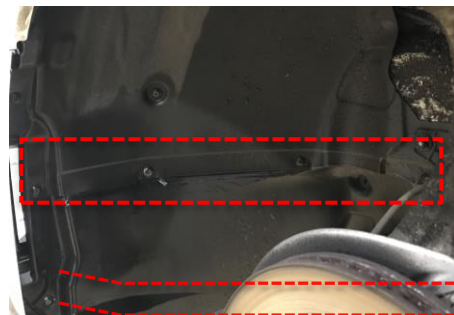


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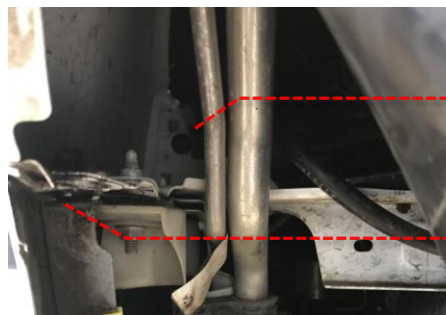


Installation was performed on a UK-spec. B9 S4. Installation on other vehicles will be similar but may not be exact.

- 1 Put the vehicle on a lift and raise in the air, then remove both front wheels. Remove 7 x T25 bolts from the wheel arch liner. Peel back wheel arch liner to give access behind



- 2 Remove the 1 x plastic push-fit trim clip and the 1 x T30 bolt that holds the bumper to the wing. Repeat steps 1 and 2 on opposite side of vehicle



- 3 Remove 5 x T30 and 2 x T25 bolts that secure front bumper to main undertray.



- 4 Lower vehicle and release bonnet. Remove bonnet release handle from the slam panel by pressing in the release catch at the 12 o'clock position

Note – do not close bonnet without refitting the release handle



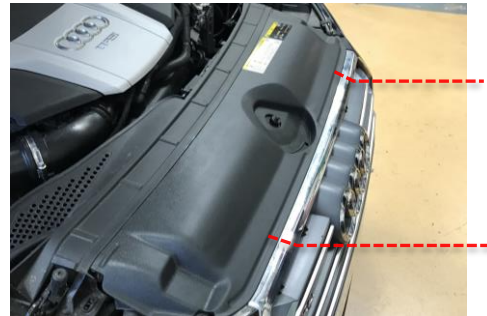
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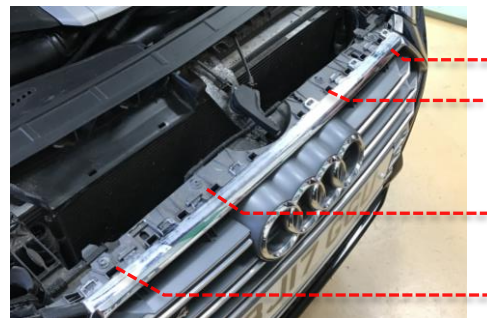


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- 5 Remove the slam panel by unclipping along the front edge and then sliding it out from under the front air scoop



- 6 Remove 4 x T30 bolts from the top of the bumper



- 7 Carefully pull the bumper free from the corner at each side. Do not attempt to remove the bumper at this stage, only disengage the sides of the bumper from the chassis clips



- 8 Whilst standing in front of the vehicle, carefully pull the bumper forwards to release it. Before the bumper can be removed fully, disconnect the front parking sensor located on the left-hand side of the bumper



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- 9 Once disconnected, carefully place the bumper out of the work area



- 10 Loosen the 1 x 7mm hose clamp on the throttle pipe where it meets the intercooler and remove it



- 11 Remove the engine cover. Then disconnect the plug from the MAP sensor, pull the red tab out and squeeze to release. Remove the MAP by turning anticlockwise and gently pulling free of the throttle pipe



- 12 Loosen the 1 x 7mm hose clamp on the throttle pipe where it connects to the intake manifold and remove



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- 13 Remove the throttle pipe from the vehicle from the underside. Then bolt the adapter bracket to the pipe as shown using M6 x 6mm bolt. Note: the M6 x 10mm bolt is too long and will damage the hard pipe if used to mount the bracket.

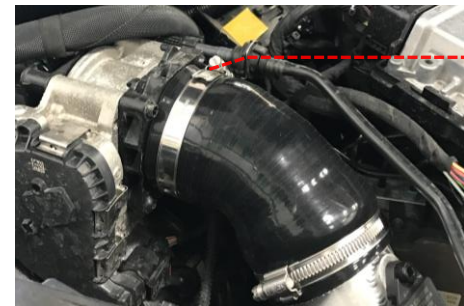


- 14 Loosely assemble the 3 x sections of the new Revo throttle pipe and feed back in to vehicle from underside

Note – use the photos in these fitting instructions as reference for assembling the throttle pipe



- 15 Fit the supplied new hose clamp over the intake manifold end of the Revo throttle pipe and fit to the intake manifold. Do not tighten yet



- 16 Fit the supplied new hose clamp over the intercooler end of the Revo throttle pipe and fit to the intercooler. Do not tighten yet



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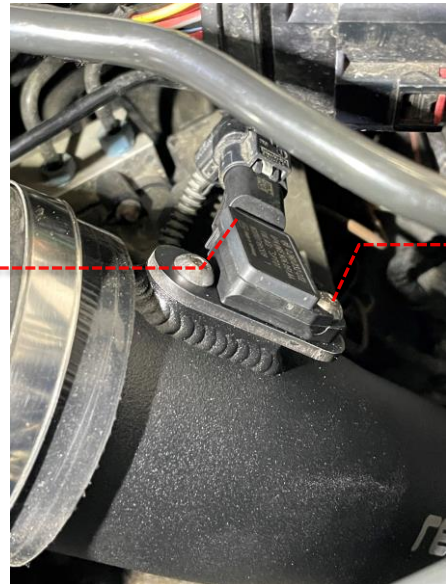


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- 17 Check routing of the throttle pipe assembly making sure there are adequate clearances and no wiring is trapped. When this is confirmed tighten all (4) 7mm hose clamps on the Revo throttle pipe



- 18 Refit the MAP sensor using the M6x10mm socket head bolt provided. Reconnect the multiplug and push in the red tab to secure, note that the wiring will need to be run around the rear of the pipe now.



- 19 The Revo intercooler inlet pipe is a direct replacement for the OE discharge pipe (item No.5).

- 20 Refit all OE parts back to vehicle. Reinstallation is the reverse of removal. Follow any factory torque specification during reinstallation of OE parts. **Check bonnet release handle is reconnected.** Check all sensors are reconnected. Test drive the vehicle to ensure no leaks/part interference during operation. Your installation is now complete

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NO.	DESCRIPTION	QTY.
1	B9 S4 Throttle Pipe Assembly	1
1.1	M6x10 Button head bolt	1
1.2	M6 Flat washer	1
2	B9 S4/S5 Upper throttle hose	1
3	B9 S4/S5 Lower throttle hose	1
4	60-80 Hose clamp S/S	5
5	B9 S4/S5/SQ5 Discharge hose	1
6	50-70 Hose clamp S/S	1
7	Packaging - Full carbon box	1
12	B9 S4 Sensor Adapter Plate	1
13	M6x6 Button head bolt	1

<p>TITLE: revo</p> <p>RA841C100100 Working Instructions</p>		REV
SIZE	DWG. NO.	02
A		
SCALE: 1:7		SHEET 1 OF 1