

Fitting Instructions

Revo Intercooler Pipe Upgrade Kit 2.0 TFSI B9 A4/A5 (8W/F5)

Fitting Difficulty



Dealer Fit Recommended

Contents

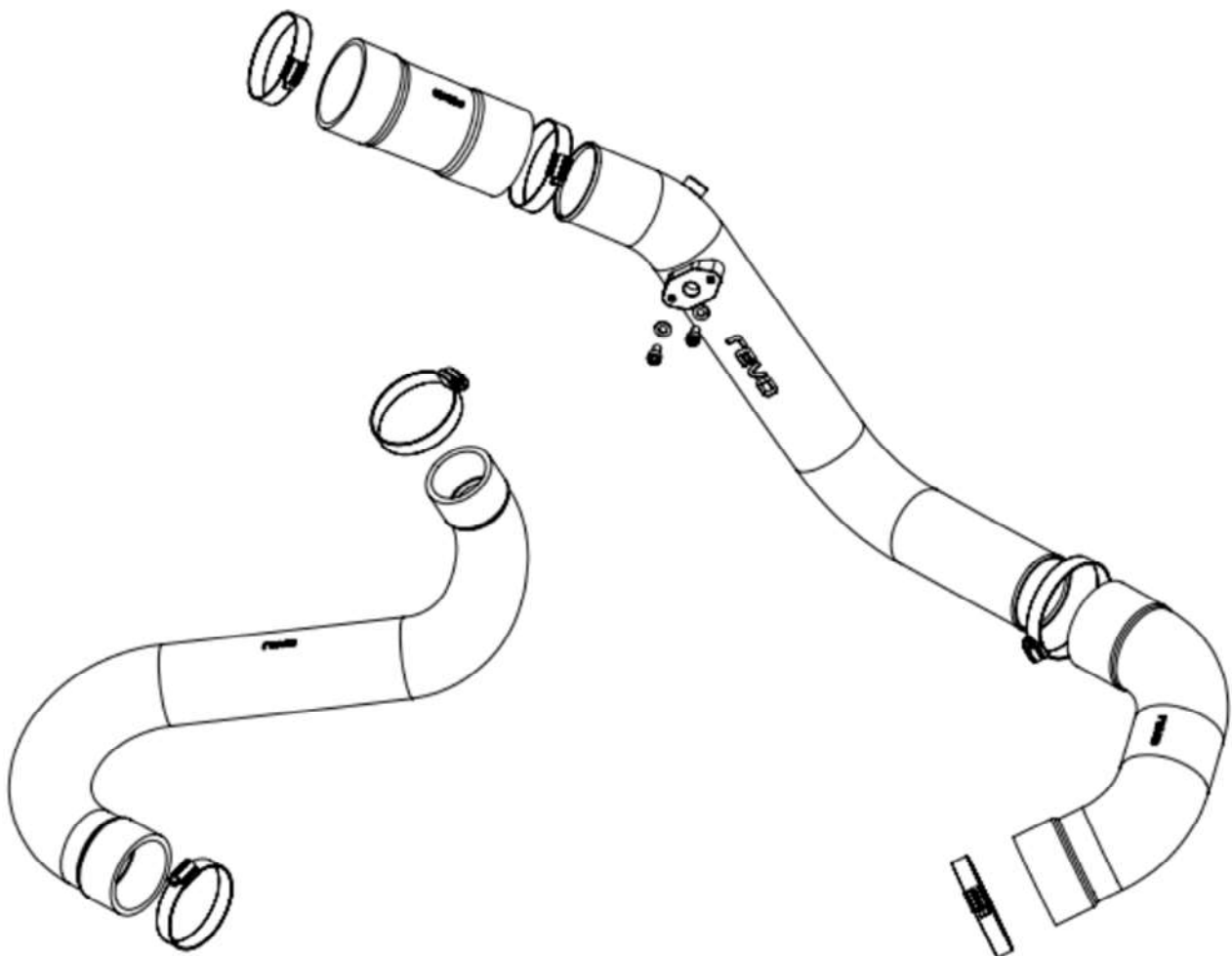
Description	Quantity
Revo Throttle Hard Pipe	1
Revo Throttle Pipe Lower Hose	1
Revo Throttle Pipe Upper Hose	1
Revo Discharge Hose	1
60-80 Hose Clamp	2
50-70 Hose Clamp	3
40-60 Hose Clamp	1
M6x1.0x12mm Button Head Bolt	2
M6 Flat Washer	2

Recommended Tools

Tools	Size
Ratchet	
Extension	
Sockets	7, 8, 10mm
Torx Bits	T25, T30
Hex Keys	5mm
Flat Head Screwdriver	Medium



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



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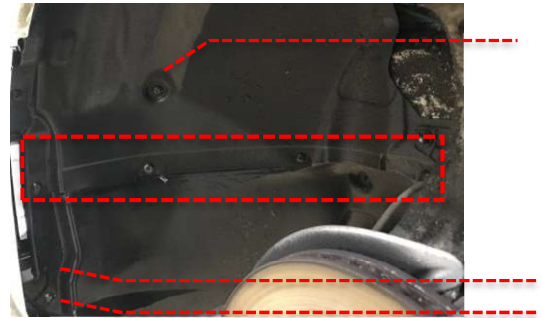


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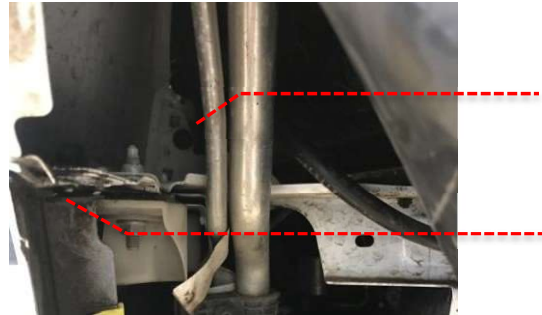


Installation was performed on a UK spec B9 A4 (8W). Installation on other vehicles will be similar but may not be exact.

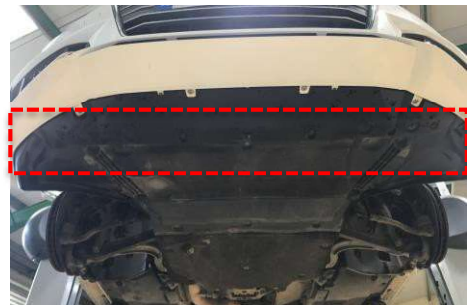
- 1 Raise the vehicle to gain access to the underside. Remove both front wheels. Remove 7 x T25 bolts from the wheel arch liner and the 2 x 10mm plastic nuts. Peel back the wheel arch liner to give access behind.



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



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



- 4 Remove the bonnet release handle by pushing the release button, found at the 12 o'clock position, and pulling up on the handle.

Note: once the bonnet release handle is removed, do not close the bonnet without refitting the handle first.



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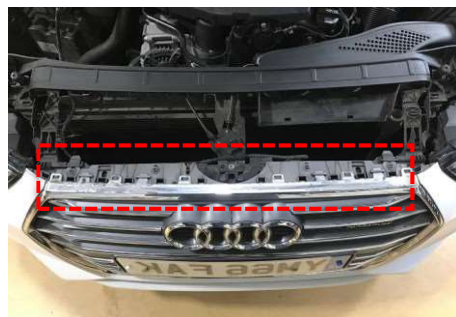


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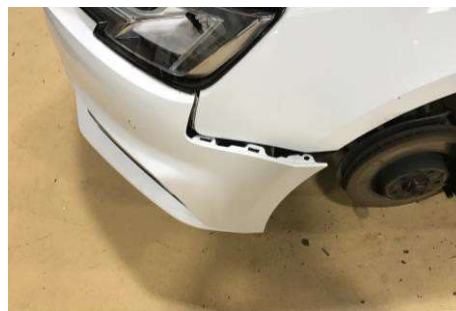
- 5 Remove the slam panel by unclipping along the front edge and then sliding it out from under the front air intake.



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



- 7 Carefully pull the bumper free from the corner at each side.



- 8 Whilst standing in front of the vehicle, carefully pull the bumper forwards to release it.



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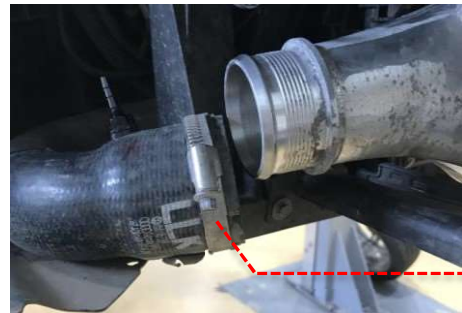
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- 9 Before the bumper can be removed fully, disconnect the front parking sensor located on the left-hand side of the bumper. Remove the front bumper from the vehicle.

Note: with one person either side of the bumper, remove the front bumper and store safely so as not to damage any paintwork.



- 10 Using a 7mm socket, loosen the hose clamp on the charge pipe and remove from the OE intercooler.



- 11 Loosen the hose clip on the charge pipe where it connects to the turbo outlet and remove the pipe from the vehicle.



- 12 Place the new supplied hose clamp over the turbo outlet end of the Revo discharge pipe and fit to the turbo outlet. Tighten the hose clamp and ensuring the fitment is good.



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- 13 Place the new supplied hose clamp over the intercooler end of the Revo discharge pipe and fit to the intercooler. Tighten the hose clamp ensuring the fitment is good.



- 14 Loosen the hose clamp on the throttle hose where it meets the intercooler and remove it.



- 15 Remove the engine cover. Disconnect the multiplug from the MAP sensor, pull the red tab out and squeeze to release the plug. Remove the MAP sensor by turning anticlockwise and gently pulling free from the throttle pipe.



- 16 Loosen the hose clamp on the throttle pipe where it connects to the intake manifold and remove.



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- 17 Remove the throttle pipe from the underside of the vehicle.



- 18 Loosely assemble the 3 x sections of the new Revo throttle pipe and fit into the vehicle from the underside.

Note: use the photos in these instructions as a reference for assembling the throttle pipe.



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



- 20 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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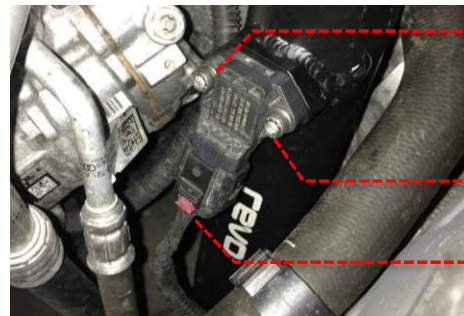


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- 21 Check the routing of the Revo throttle pipe assembly making sure there are adequate clearances and that no wiring is trapped. When this has been confirmed tighten all 4 x hose pipe clamps on the Revo throttle pipe.



- 22 Refit the MAP sensor using the 2 x 5mm socket head bolts and washers (supplied). Reconnect the multiplug and push in the red tab to secure.



- 23 Refit all OE parts back to vehicle. Reinstallation is the reverse of removal. Follow any factory torque specification during reinstallation of OE parts. Check all sensors/electrics are reconnected. Also check bonnet release handle is refitted. Test drive the vehicle to ensure vehicle performs correctly and there are no leaks/part interference during operation. Your installation is now complete!

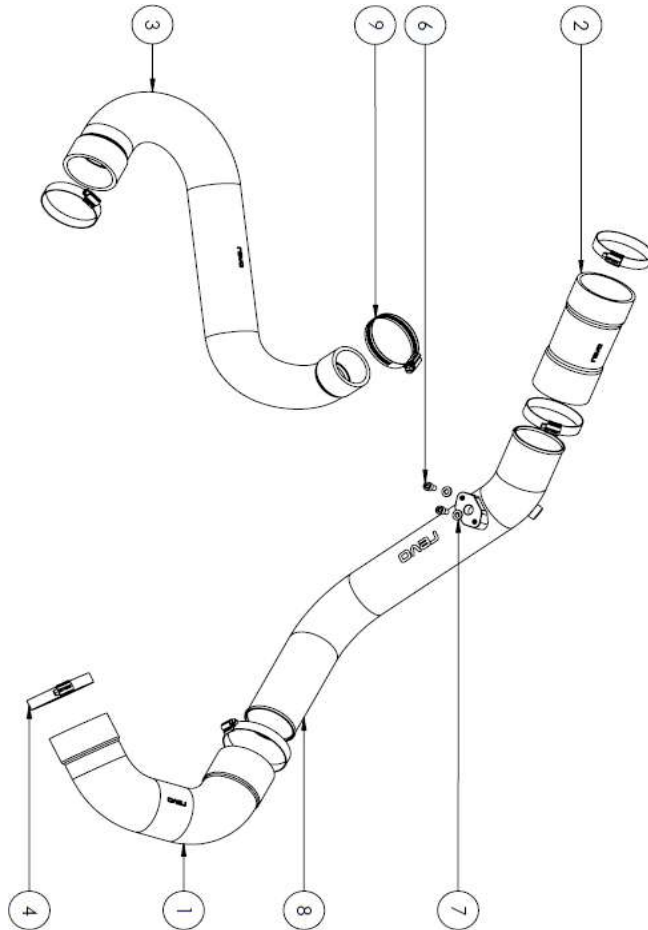
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ITEM NO.	DESCRIPTION	QTY.
1	THROTTLE PIPE LOWER SILICONE HOSE	1
2	THROTTLE PIPE UPPER SILICONE HOSE	1
3	DISCHARGE SILICONE HOSE	1
4	WORM DRIVE 60-80MM STAINLESS STEEL HOSE CLAMP	2
5	WORM DRIVE 50-70MM STAINLESS STEEL HOSE CLAMP	3
6	M6 x 1 x 12mm FULLY THREADED STAINLESS STEEL BUTTON HEAD BOLT	2
7	M6 FLAT WASHER SS	2
8	THROTTLE HARD PIPE	1
9	WORM DRIVE 40-60MM STAINLESS STEEL HOSE CLAMP	1