

Fitting Instructions

Revo Intercooler Kit 2.5 TFSI RS3 (8V.2)

Fitting Difficulty



Dealer Fit Recommended

Contents

| Description | Quantity |
|-------------------------------|----------|
| Revo Intercooler | 1 |
| Revo Discharge Hose | 1 |
| Revo Throttle Pipe Lower Hose | 1 |
| Revo Throttle Pipe Upper Hose | 1 |
| Revo Throttle Hard Pipe | 1 |
| 60-80 Hose clamps | 6 |

Recommended Tools

| Tools | Size |
|------------------------------|------------------------|
| Ratchet | |
| Sockets | 7, 10, 16mm |
| Torx | T25, T30, T45 |
| Flat Head Screwdriver | |
| Gearbox Stand/Hydraulic Jack | |
| Block of Wood | 50x100mm or equivalent |



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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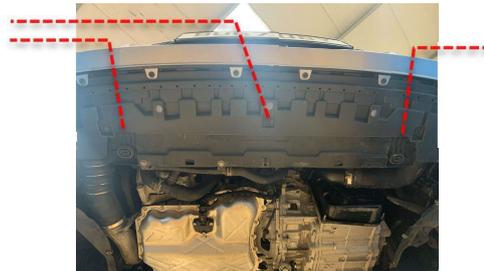


Dealer Fit Recommended

- 1 Raise vehicle to gain access to the underside.



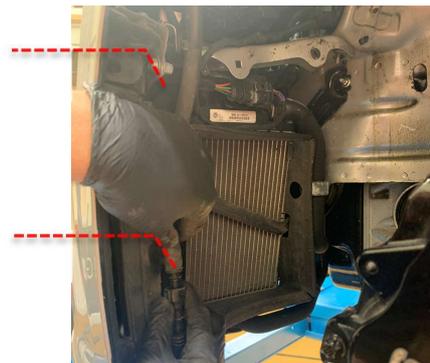
- 2 Remove the undertray, then remove the 3 x T25 screws under each wheel arch. Finally remove the 3 x T30 screws at the front.



- 3 Remove the front wheels then remove the inner wheel arch liner by removing the 10 x T25 screws, 1 x 10mm nut and 5 x push clips. Once these are removed you can ease the arch out and repeat on opposite side.



- 4 Disconnect the headlight washer pipe and parking sensor connector on the passenger side.



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- Remove the 2 x T30 bolts at the wheel arch and remove the T30 under the headlight. Disconnect the headlight and repeat on opposite side.



- Remove the 3 x T30 bolts on the top of the slam panel.



- Pull the edge of the bumper either side at the wheel arch loosening it from the car. Once you have it loose you can remove from the car.

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



- Remove the 2 x T30 screws on the bumper clip. Then pull down and slide forward, repeat on opposite side.



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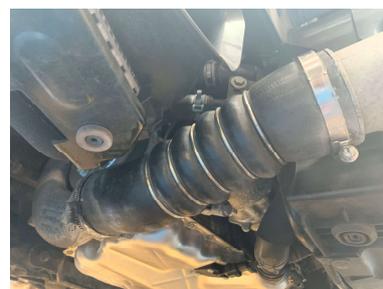


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- 9 Next remove the headlights by removing the 4 x T30 bolts from each side, 3 at the top and 1 underneath.



- 10 Remove the OE discharge pipe from the intercooler and hard pipe by loosening the two hose clamps with either a 7mm socket or flat head screwdriver.



- 11 Loosen the hose clamp on the outlet hose on the intercooler and remove the hose from the intercooler. Next remove the 2 x T30 bolts either side of the intercooler under the crash bar. Then remove the 2 x T30 screws at the bottom of the intercooler holding the brackets, you will reuse these two bottom brackets later. Once everything is removed you can pull the cooler out of position.

Note: if you have ACC fitted to the car you will need to remove the radar first by disconnecting it and removing the 2 x T25 bolts holding it to the crash bar.



- 12 Remove the throttle pipe assembly by first removing the front air intake which is held in with 2 x T25 screws, slide it back and out. Next remove the 10mm nut holding the hard pipe section to the gearbox. Finally loosen the hose clamp at the throttle body and remove through the bottom of the car.



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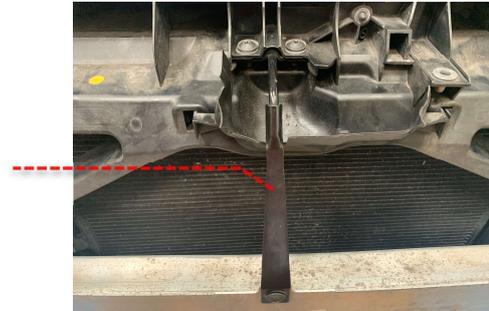
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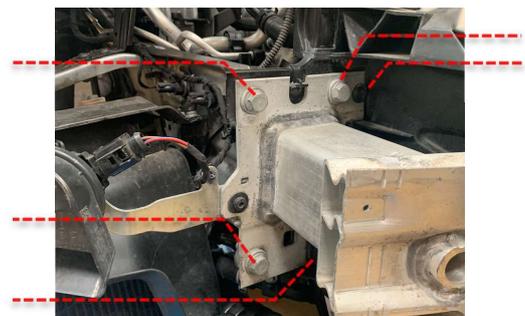
- 13 Remove the bonnet latch by removing the 3 x T30 bolts.



- 14 Disconnect the horn wiring harness from the crash bar. Disconnect the temp sensor and ACC wiring from the crash bar and pull to the side out of the way. Then support the radiator core assembly using a gearbox stand/jack with a large block of wood. Note: be careful not to damage the underside of the heat exchangers.



- 15 Next, remove the crash bar by first removing the T30 screw either side and then using a 16mm socket remove the 4 x bolts either side. Once all bolts are removed tilt the bar forward and slide out.



- 16 Install the new Revo throttle pipe assembly by assembling it off the car using the supplied hose clamps, as shown, then using the supplied hose clamp secure it to the throttle body.



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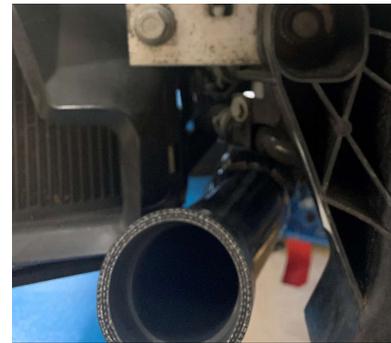
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- 17 Install the new Revo discharge silicone hose loosely to the OE hard pipe using the supplied hose clamp.



- 18 Refit the 2 x lower cooler brackets, removed earlier, using the same T30 screws, ensuring you have the rubber grommets fitted. Next remove the rubber grommets from the OE intercooler either side by first pushing out the metal sleeve and then popping out the grommet. Install onto the Revo intercooler in the reverse of removal. Now install the Revo intercooler to the vehicle by locating the two pins at the base into the two lower brackets and then bolting to the OE fixing points with the 2 x T30 bolts, removed earlier. Finally connect the two Revo silicone hoses to the Revo intercooler using the supplied hose clamps.



- 19 Check all clamps are tight and then re-install the crash bar, lights, bumper and inner wheel arch liners. Reinstallation is the reverse of removal. Follow any factory torque specification during reinstallation of OE parts. Check all sensors/electrics are reconnected.



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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| No. | DESCRIPTION | QTY. |
|-----|----------------------|------|
| 1 | RS3 Cooler Assembly | 1 |
| 2 | Discharge hose | 1 |
| 3 | Throttle Lower hose | 1 |
| 4 | Throttle hard Pipe | 1 |
| 5 | Throttle Upper hose | 1 |
| 6 | 60-80 Hose clamp S/S | 6 |

revo

TITLE: RA551M100400 Working Instructions

SIZE DWG. NO. A REV 00

SCALE: 1:7 SHEET 1 OF 1