



INSTALLATION INSTRUCTIONS

Unitronic Intercooler Upgrade Kit for 8Y RS3® UH012-ICA

Unitronic recommends that you read through the entire installation instructions prior to beginning the installation to familiarize yourself with the included components, tools required, and procedures involved with the installation.

DISCLAIMER: Unitronic recommends that a Unitronic Authorized Dealer or other qualified and trained professional should perform the installation of this product.

Unitronic Installation Instructions are also available in digital format, if you prefer. Please visit the corresponding product page for a link to download the digital Installation Instructions. www.getunitronic.com

It is recommended to confirm all parts are present prior to beginning the installation.

PACKING LIST:

| PART NUMBER | DESCRIPTION | QUANTITY INCLUDED |
|-------------|---|-------------------|
| UH015-IC3 | Unitronic Intercooler Black for 2.5 TFSI® EVO | 1 |

RECOMMENDED TOOLS NEEDED:

- 1/4" and/or 3/8" Ratchet
- 7mm Socket
- 10mm socket
- T25 Torx Screwdriver or Socket
- T30 Torx Socket
- Flat Head Screwdriver
- 3/8" Wobble Extension
- Pick
- Pry Bar
- Small rubber cap or plug



INSTALLATION INSTRUCTIONS

Unitronic Intercooler Upgrade Kit for 8Y RS3® UH012-ICA

- 1** Unpack all components of your Unitronic Intercooler System, lay them out on the table, and ensure that you have all the pieces as listed in the packing list above.
- 2** Place the vehicle securely on jack stands or on a lift and open the engine compartment.
- 3** Remove the front wheels (optional but recommended).
- 4** Remove the 6 plastic push clips holding the intake cowl. (Fig. 1)
- 5** Remove the hood latch handle by pressing in the plastic insert. (Fig. 2)
- 6** Remove the intake cowl and unscrew the 3 T30 fasteners securing the top of the bumper to the radiator support. (Fig.3)
- 7** Remove the four (4) T25 fasteners holding the front of the wheel housing liner. Repeat on the opposite side. (Fig. 4)
- 8** Also Remove the top three (3) T25 fasteners and 10mm plastic nut holding the upper section of the wheel housing liner. Repeat on the opposite side. (Fig. 5)
- 9** Remove the two (2) T25 fasteners holding the bumper cover to the wheel housing liner and three (3) T25 fasteners joining the wheel housing liner to the under-belly cover. Repeat on the opposite side. (Fig. 6)
- 10** Remove the three (3) T30 fasteners on the underside of the bumper (Fig.7)
- 11** Carefully pull the front half of the liner out from the fender. Repeat on the opposite side.
- 12** On the driver side, disconnect the headlight washer tube by pushing the two tabs in and quickly plug it with a small rubber cap . Please note that washer fluid will leak out after disconnecting the hose. (Fig. 8, 9 (Next page))



FIG. 1



FIG. 2



FIG. 3



FIG. 4



FIG. 5



FIG. 6

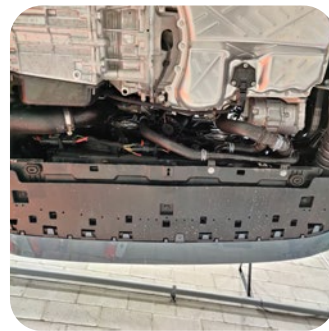


FIG. 7



FIG. 8



INSTALLATION INSTRUCTIONS

Unitronic Intercooler Upgrade Kit for 8Y RS3® UH012-ICA

- 13** Remove the T30 fastener holding the bumper cover to the fender. Repeat on the opposite side. (Fig. 9)
- 14** Disconnect the parking sensors on either side of the bumper behind the wheel well shields. The connector gray tab should be pulled out first then the connector can be unlatched by pressing the release tab. (Fig. 10)
- 15** On the bottom driver side of the bumper locate the main bumper electrical connector, pull the red tab out and press the connector latch to release it. (Fig. 11)
- 16** Carefully pull the bumper cover away from the side of the front fenders. Repeat on the opposite side. (Fig. 12)
- 17** Pull and lift the bumper cover away carefully from the front of the car.
- 18** Remove the plastic side air ducts on either side of the radiator support by unclipping it from the two (2) mounting tabs and unclipping the headlight vent tubes from both ducts. (Fig. 13)
- 19** Remove the air duct from the OEM intercooler by separating it from the 2 tabs on either side on top of the intercooler. (Fig. 14)
- 20** Using your pick, push the securing tab out of the outside air temp sensor bracket and move the sensor to the side.
- 21** Loosen the hose clamp of the intercooler with the 7mm socket and pull off the hose. Repeat on the opposite side. (Fig. 15)
- 22** Support the intercooler and remove the two (2) T30 fasteners on either side securing the intercooler to the support. (Fig. 16)



FIG. 9

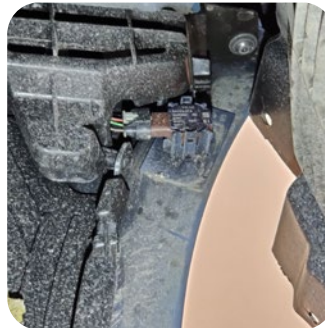


FIG. 10

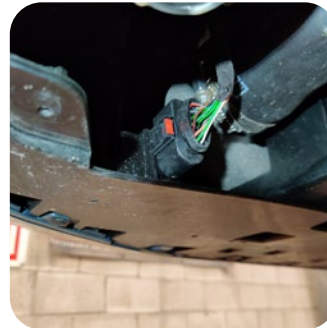


FIG. 11



FIG. 12



FIG. 13



FIG. 14

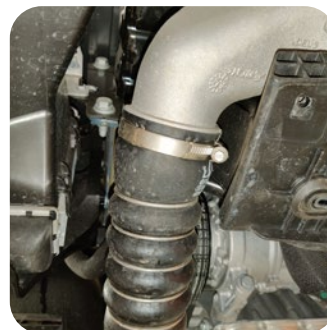


FIG. 15



FIG. 16



INSTALLATION INSTRUCTIONS

Unitronic Intercooler Upgrade Kit for 8Y RS3® UH012-ICA

- 23** Lift upwards to remove the intercooler from the rad support grommets and remove it from the vehicle.
- 24** Locate your Unitronic Intercooler, and transfer over the top spacer and grommet orientation. (Fig. 17)
- 25** Maneuver your Unitronic intercooler behind the crash beam and over the bumper carrier. Then secure it in place by inserting the two (2) lower pins into the grommets of the lower brackets and installing the two (2) T30 fasteners on the top mounting inserts. (Fig. 18)
- 26** Reinstall the hoses to the intercooler and tighten the clamps using the 7mm socket.
- 27** Reinstall the side air ducts above the Unitronic intercooler taking note that the driver side duct requires the bottom tab to be trimmed by 2-3 mm for clearance with the intercooler mounting bracket. The passenger side does not require any trimming to fit. (Fig.19 & 20)
- 28** Reinstall the Outside air temperature sensor. (Fig. 21)
- 29** We recommend securing the air temperature sensor wiring safely out of the way.
- 30** Reinstall the front bumper cover following the removal steps in reverse.
- 31** Reinstall the top intake air cowl and hood latch in reverse order of disassembly.
- 32** Reinstall the front wheels (torque 88lb-ft or 120Nm), close the engine compartment and remove the vehicle securely from the jack stands or from lift.

CONGRATULATIONS! You have successfully installed Unitronic's Intercooler Upgrade Kit!



FIG. 17



FIG. 18

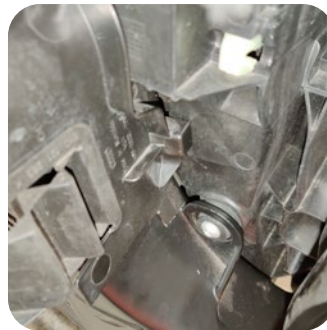


FIG. 19



FIG. 20



FIG. 21



INSTALLATION INSTRUCTIONS

Unitronic Intercooler Upgrade Kit for 8V RS3® and 8S TTRS® UH012-ICA

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FIG. 1



FIG. 2



FIG. 3

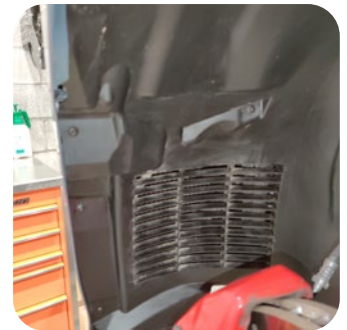


FIG. 4



FIG. 5



FIG. 6

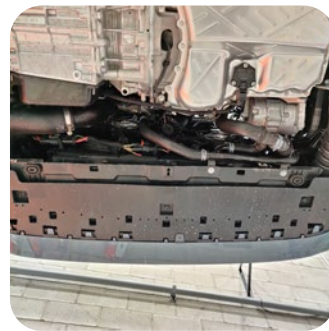


FIG. 7



FIG. 8



INSTALLATION INSTRUCTIONS

Unitronic Intercooler Upgrade Kit for 8V RS3® and 8S TTRS® UH012-ICA

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FIG. 9



FIG. 10

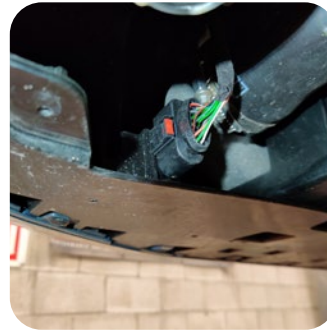


FIG. 11



FIG. 12



FIG. 13



FIG. 14

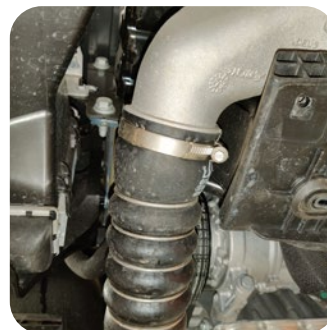


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