



INSTALLATION INSTRUCTIONS

Unitronic Intercooler Upgrade Kit for 2.5 TFSI® EVO (DAZA) 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 Black Finish Intercooler for 2.5TFSI EVO	1
OR		
UH020-IC3	Unitronic Raw Finish Intercooler for 2.5TFSI EVO	1

*(RS3) If equipped with Adaptive Cruise Control (ACC) the Unitronic ACC spacer (UH010-IC0) is required.

RECOMMENDED TOOLS NEEDED:

- 1/4" and/or 3/8" Ratchet
- 7mm Socket
- T25 Torx Screwdriver or Socket
- T30 Torx Socket
- Flat Head Screwdriver
- 3/8" Wobble Extension
- Pick
- Pry Bar
- Hose Line Clamp
- Black Marker



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RS3 Installation Instructions

- 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 four (4) T25 fasteners holding the bumper cover to the wheel housing liner. (Fig. 1)
- 5** Remove the three (3) T30 fasteners on the underside of the bumper (Fig.2)
- 6** Remove the three (3) T25 fasteners holding the front of the wheel housing liner. Repeat on both sides. (Fig. 3)
- 7** Carefully pull the liner out from the fender. Repeat on both sides. (Fig. 4)
- 8** On the driver side, clamp the headlight washer feed tube using a hose line clamp and disconnect the washer feed line by pushing the two tabs in. Please note that washer fluid will leak out after disconnecting the hose. (Fig. 5, 6)
- 9** Remove the T30 fastener holding the bumper cover to the fender. (Fig. 7)
- 10** Locate the T30 fastener on the inside of the fender that holds the bumper cover. Remove using a wobble extension with T30 torx socket. (Fig. 8)



FIG. 1

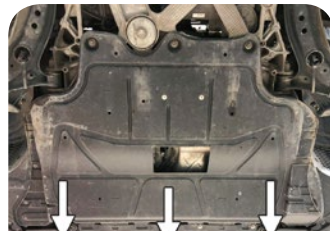


FIG. 2



FIG. 3

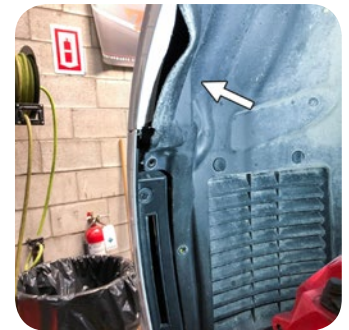


FIG. 4



FIG. 5



FIG. 6



FIG. 7



FIG. 8



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- 11** Repeat steps 9 and 10 on the passenger side of the vehicle.
- 12** Remove the three (3) T30 fasteners securing the front bumper cover to the vehicle. (Fig. 9)
- 13** Carefully pull bumper cover away from the side of the front fenders. Repeat on both sides. (Fig. 10)
- 14** Pull and lift the bumper cover away a few inches from the front of the car.
- 15** Disconnect the electrical connectors (park distance sensor) at the bottom on the driver side. There is a red tab on the connector that will need to be released before the connector can be disconnected. A second pair of hands is recommended for this portion. (Fig. 11)
- 16** Remove the bumper from the vehicle.
- 17** Using your pick, push the securing tab out of the outside air temp sensor bracket and move the sensor to the side. (Fig. 12)
- 18** If equipped with Adaptive Cruise Control (ACC), remove the two (2) T25 fasteners holding the sensor, and unclip the wiring harness from the crash beam. Remove factory spacer from ACC bracket, replace with Unitronic ACC spacer (UH010-IC0) and move the sensor to the side.
- 19** Loosen the hose clamp of the intercooler and pull off the hose. Repeat on both sides. (Fig. 13)
- 20** Support the intercooler and remove the four (4) T30 fasteners securing the intercooler to the support. (Fig. 13)



FIG. 9



FIG. 10

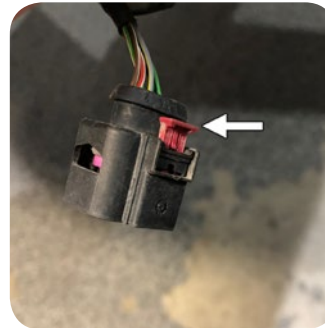


FIG. 11



FIG. 12



FIG. 13



INSTALLATION INSTRUCTIONS

Unitronic Intercooler Upgrade Kit for 2.5 TFSI® EVO (DAZA) UH012-ICA

- 21** Remove the intercooler from the vehicle.
- 22** Locate your Unitronic Intercooler, and transfer over the top spacer and grommet and the bottom mounting bracket from the factory intercooler in the same orientation. (Fig. 13, 14)
- 23** Maneuver your Unitronic intercooler behind the crash beam and over the bumper carrier, then secure it in place with the four (4) T30 fasteners, make sure to position the bottom bracket into its alignment posts. (Fig. 15)
- 24** Reinstall the hoses to the intercooler and tight the clamps. (Fig. 15)
- 25** If equipped with ACC, reinstall the two (2) T25 fasteners holding the ACC sensor, and clip the harness on the crash bar.
- 26** Reinstall the Outside air temperature sensor. (Fig. 15)
- 27** Reinstall the front bumper cover following the removal steps in reverse.
- 28** 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 System!



FIG. 13



FIG. 14

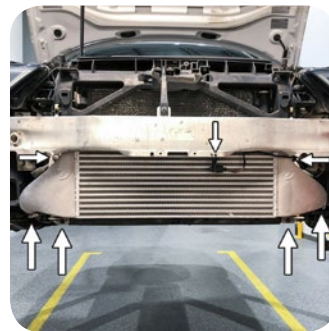


FIG. 15



INSTALLATION INSTRUCTIONS

Unitronic Intercooler Upgrade Kit for 2.5 TFSI® EVO (DAZA)
UH012-ICA

TTRS Installation Instructions

- 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 four (4) T25 fasteners securing the bumper cover to the fender and the wheel housing liner. Repeat on both sides. (Fig. 16, 17)
- 5** Remove the four (4) T25 fasteners and the three (3) T30 fasteners securing the front bumper cover to the vehicle. (Fig. 18)
- 6** Remove the hood latch by pushing the tab in on the back of the latch and pulling upwards to remove it. (Fig. 19)
- 7** Pry up the six (6) plastic push pin clips using a small pry bar. (Fig. 19, 20)
- 8** Remove the radiator shroud by gently pulling up on either side to unclip it from the grill, then unclip the rest by gently working your way to the other side, then pull it out of the support by pulling forward on the shroud. (Fig. 21, 22)



FIG. 16



FIG. 17

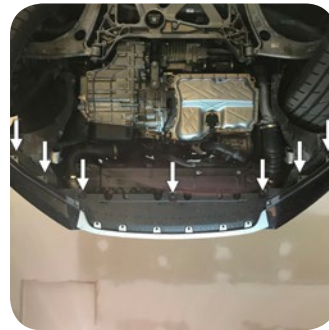


FIG. 18



FIG. 19



FIG. 20



FIG. 21



FIG. 22



INSTALLATION INSTRUCTIONS

Unitronic Intercooler Upgrade Kit for 2.5 TFSI® EVO (DAZA) UH012-ICA

- 9** Mark the position of the bumper on the top alignment brackets. (Fig. 23)
- 10** Remove the two (2) T25 fasteners holding the top of the front bumper cover to the bumper support. (Fig. 23)
- 11** Carefully pull bumper cover away from the side of the front fenders. Repeat on both sides. (Fig. 24)
- 12** Pull and lift the bumper cover away a few inches from the front of the car.
- 13** Disconnect the electrical connectors (park distance sensor) at the bottom on the driver side. There is a red tab on the connector that will need to be released before the connector can be disconnected. A second pair of hands is recommended for this portion. (Fig. 25)
- 14** Remove bumper cover from vehicle.
- 15** Remove the radiator ducts by pushing down the bottom of the duct to release from radiator pins then pull down to release from the top the radiator mounts. Repeat on both sides. (Fig. 26)
- 16** Loosen the hose clamp of the intercooler and pull off the hose. Repeat on both sides. (Fig. 27, 28)
- 17** Support the intercooler and remove the four (4) T30 fasteners securing the intercooler to the support. (Fig. 29)
- 18** Remove the intercooler from the vehicle.
- 19** Locate your Unitronic Intercooler, and transfer over the top spacer and grommet and the bottom mounting bracket from the factory intercooler in the same orientation. (Fig. 29, 30)



FIG. 23



FIG. 24



FIG. 25



FIG. 26



FIG. 27



FIG. 28



FIG. 29

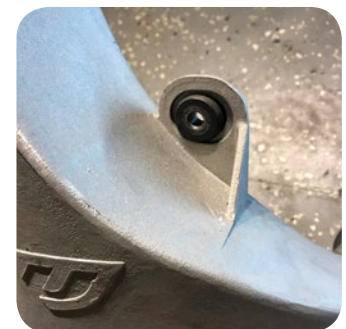


FIG. 30



INSTALLATION INSTRUCTIONS

Unitronic Intercooler Upgrade Kit for 2.5 TFSI® EVO (DAZA) UH012-ICA

- 20** Remove the outside air temperature sensor (OAT) from the air guide and unclip the harness from the bumper carrier.
- 21** Remove the two (2) headlight drains from the air guides.
- 22** Remove the air guides by releasing the 3 clips on each side and pull them out towards the front of the car.
- 23** Locate the driver side radiator duct, locate the hole in the duct and drill ½ inch (12.7mm) to oversize the hole. (Fig. 31, 32)
- 24** Move the headlight drains away to free space for the intercooler.
- 25** Maneuver your Unitronic intercooler behind the crash bar and over the bumper carrier, then secure it in place with the four (4) T30 fasteners, make sure to properly position the bottom bracket into its alignment posts. (Fig. 33)
- 26** Reinstall the hoses to the intercooler and tight the clamps.
- 27** Insert the OAT sensor into the hole of the driver side radiator duct (from step 23). (Fig. 32, 34)
- 28** Reinstall the radiator ducts. Repeat on both sides. (Fig. 35)
- 29** Make sure the headlight drains are facing down.
- 30** Reconnect the electrical connectors (park distance sensor).
- 31** Reinstall the front bumper cover following the removal steps in reverse.
- 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 System!



FIG. 32



FIG. 33



FIG. 34



FIG. 31

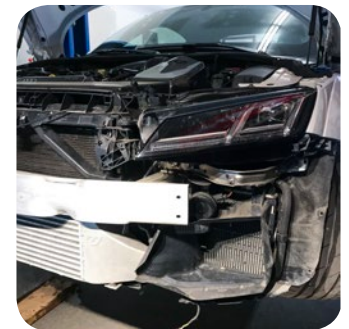


FIG. 35