



INSTALLATION INSTRUCTIONS

Unitronic Cold Air Intake System for 1.8/2.0 TSI® Gen3 UH006-INA

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
UH001-IN2	Unitronic 3" to 2.25" Silicone Reducer	1
UH010-IN2	Unitronic 3" Silicone Elbow for 1.8/2.0 TSI Gen3	1
UH006-IN1	Unitronic Intake Tube for 1.8/2.0 TSI Gen3	1
UH001-IN3	Unitronic Heat Shield Air Box for TSI	1
UH001-IN4	Unitronic 3" Dry Air Filter Element	1
UH002-IN0	Unitronic Hardware Kit for TSI	1

RECOMMENDED TOOLS NEEDED:

- Ratchet
- T20 Torx Bit
- 8" Extension
- 10mm deep socket
- Hose Clamp Pliers
- T30 Torx Bit
- 6mm Allen socket
- Flat head screwdriver



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- 1** Begin by removing the engine cover by pulling upward firmly to release it from the rubber mounting posts.
- 2** Remove the two T20 Torx bolts from the radiator support holding the ram air inlet onto the radiator support. **(See Fig. A)**
- 3** Next, remove the 10mm bolt holding the airbox to the battery tray near the top right corner of the airbox. **(See Fig. B)**
- 4** Next, remove the T30 Torx bolt from the top left corner of the airbox. **(See Fig. C)**
- 5** Release tension on the spring clamp holding the airbox to the upper intake tube and slide it upwards so the connection is free to come apart. **(See Fig. D)**
- 6** Remove the intake flap vent line from the airbox.
- 7** Pull upward on the airbox from either side to release it from its rubber grommets. **(See Fig. E & F)** Release the water drain tube from the bottom **(See Fig. G)** and then remove the airbox and set it aside.
- 8** Next, loosen the T30 Torx bolt affixing the upper intake tube support bracket to the back side of the heat shield. **(See Fig. H)**



FIG. A



FIG. B



FIG. C



FIG. D



FIG. E



FIG. F



FIG. G

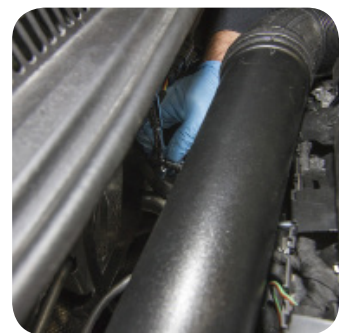


FIG. H



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- 9** Release tension and relocate the spring clamp holding the rubber hose to the compressor inlet. **(See Fig. I)**
- 10** Remove the rear PCV connection from the upper intake tube by locating the two tabs on the side of the connector, pushing in on the tabs, and pulling the PCV hose outward. **(See Fig. J)**
- 11** Remove the upper intake tube and set it aside. **(See Fig. K)**. You are now ready to begin installing your Unitronic Intake.
- 12** Locate the Unitronic Intake Tube for 1.8/2.0 TSI Gen3 (UH006-IN1) and 3" to 2.25" Silicone Reducer with 2 clamps (UH001-IN2). Slide the 3" side of the silicone coupler positioning it in its final position, and tighten one of the clamps to affix the intake tube to the silicone coupler. **(See Fig. L)**
- 13** Install the Intake Tube and Silicone coupler onto the compressor inlet **(See Fig. M)** and tighten the lower clamp to secure the silicone coupler/intake tube to the compressor inlet. **(See Fig. N)**
- 14** Reconnect the rear PCV connection to the intake tube by sliding the connector over the machined bung on the intake tube. It will "click" once on far enough. **(See Fig. O)**
- 15** Re-install the T20 Torx bolt into the intake tube bracket to affix the intake tube mounting bracket to the heat shield on the rear of the engine. **(See Fig. P)**



FIG. I



FIG. J



FIG. K

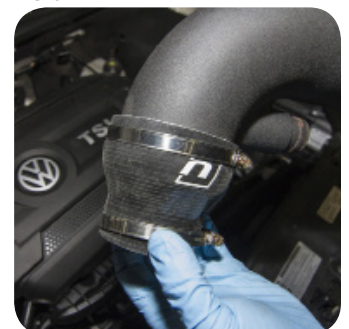


FIG. L



FIG. M



FIG. N



FIG. O



FIG. P



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16 Locate the Unitronic 3" Silicone Elbow for 1.8/2.0 TSI Gen3 and two hose clamps (UH010-IN2). Install the long leg of the silicone elbow onto the intake tube and tighten the hose clamp to secure it in position. **(See Fig. Q)**

17 Connect the intake flap vent line to the port on the Silicone Elbow. **(See Fig. R)**

18 Locate the Unitronic Hardware Kit for TSI (UH002-IN0) Heat Shield Air Box (UH001-IN3) and install the coolant hose clip into the appropriate mounting hole on the heat shield. **(See Fig. S)**

19 Attach the short leg of the Silicone Elbow to the heat shield outlet and affix the clamp into the appropriate location to secure the connection. **(See Fig. T)**

20 Locate the Unitronic 3" Air Filter (UH001-IN4) and install it onto the heat shield inlet and affix the clamp to secure the connection. **(See Fig. U)**

21 Using the supplied M6 Allen bolt and washer, install the bolt into the top left fastening position to secure the heat shield to the battery tray. **(See Fig. V)**

22 Re-using the OEM torx bolt, re-install the T20 Torx bolt into the radiator support. **(See Fig. W)**

23 Next, re-using the OEM 10mm bolt, re-install the bolt into the top right fastening position to secure the right side of the heat shield to the battery tray. **(See Fig. X)**

24 Insert the coolant line into the hose line retaining clip that you affixed to the bottom of the heat shield in step 18 to avoid any rubbing with the heat shield.

25 Finally, re-install your engine cover.



FIG. Q

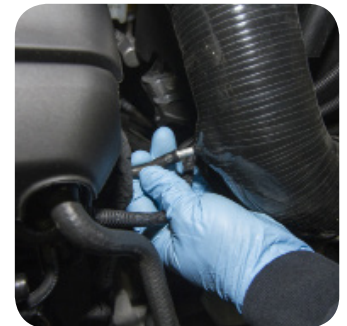


FIG. R



FIG. S



FIG. T



FIG. U



FIG. V



FIG. W



FIG. X