



## INSTALLATION INSTRUCTIONS

### UNITRONIC 2.0 TSI Cold Air Intake System

#### UH001-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

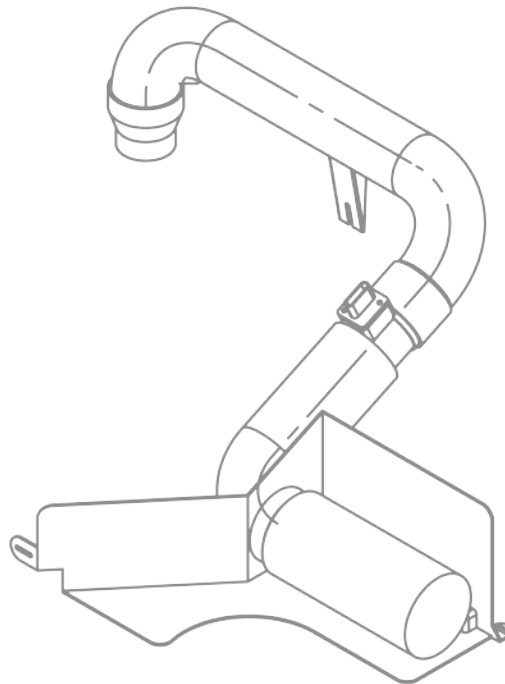
Unitronic Installation Instructions are also available in digital format, if you prefer. Please visit the corresponding product page for a link to download the digital Installation Instructions. [www.getunitronic.com](http://www.getunitronic.com)

#### PACKING LIST:

PART NUMBER	DESCRIPTION	QUANTITY INCLUDED
UH001-IN1	Unitronic Intake Tube	1
UH001-IN2	Unitronic 3" to 2.25" Silicone Reducer	1
UH002-IN2	Unitronic 3" Silicone Coupler	1
UH003-IN2	Unitronic 3" TSI Silicone Elbow	1
UH001-IN3	Unitronic TSI Heat Shield Air Box	1
UH001-IN4	Unitronic 3" Dry Air Filter Element	1
UH002-IN0	Unitronic TSI Intake Hardware Kit	1

#### RECOMMENDED TOOLS NEEDED:

- Screw Driver (Philips)
- Collar Pliers
- T20 Torx Driver
- T30 Torx Driver
- 5mm Allen Socket
- 10mm Socket
- Ratchet
- 6" Ratchet Extension





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- 1** Begin by unclipping the plastic cover over the air inlet of the OEM airbox. There are three clips holding the cover to the air inlet. **(See Fig. A)**
- 2** Disconnect the MAF sensor harness by depressing the clip and pulling the harness apart from the sensor. **(See Fig. B)** If the harness is not releasing from the sensor, you must ensure that you're depressing the clip that holds the harness on the sensor.
- 3** Using the collar pliers, remove the OEM spring clamp holding the upper intake tube to the ribbed intake tube. **(See Fig. C)**
- 4** Using a 5mm Allen socket, 6" extension, and ratchet, unscrew the bolt holding the airbox in place. **(See Fig. D)**
- 5** Remove the air duct from the air inlet on the radiator support. **(See Fig. E)**
- 6** Remove the airbox by pulling upward to release it from the rubber mounting points. **(See Fig. F)**

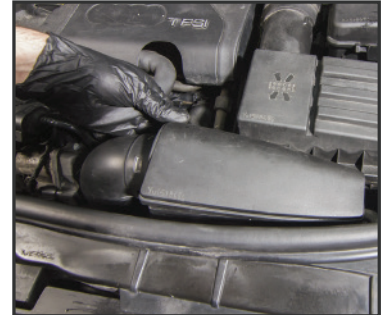


FIG. A



FIG. B



FIG. C

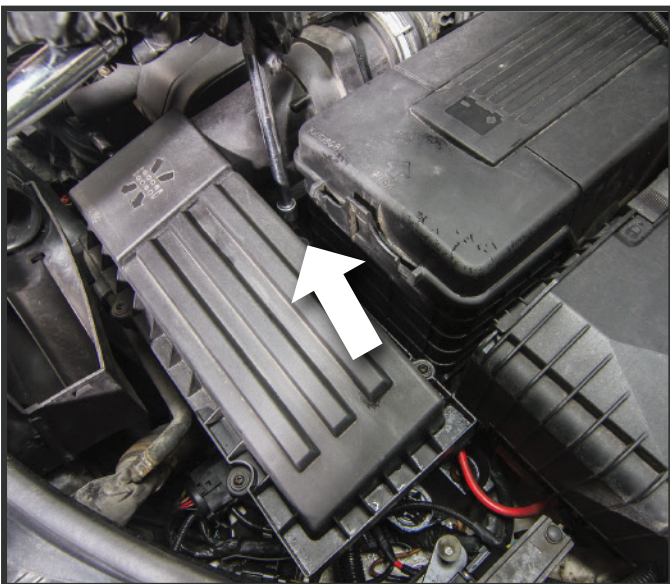


FIG. D



FIG. E



FIG. F



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#### NOTE:

For CBFA engines, follow step 7. All other engines, skip to step 8.

- 7** Remove the small secondary air injection hose that leads to the top of the OEM airbox by pressing on the two ribbed portions of the hose end clip and pulling the hose off of the airbox top.
- 8** Using a T30 torx driver, remove the bolt holding the stock intake tube to the heat shield on the back side of the engine. **(See Fig. G)** You may find it easier to remove the engine cover to access the back side of the engine.
- 9** Using the collar pliers, remove tension from the bottom spring clamp on the upper air intake tube while pulling to disconnect from the turbocharger. **(See Fig. H)**
- 10** Disconnect the PCV hose 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. I)**
- 11** Using a T20 Torx driver, remove the two screws holding the air inlet to the radiator support. **(See Fig. J)**
- 12** With the OEM airbox out of the vehicle, remove the spring clamp holding the mass air flow housing to the lower ribbed intake tube using your collar pliers. **(See Fig. K)**

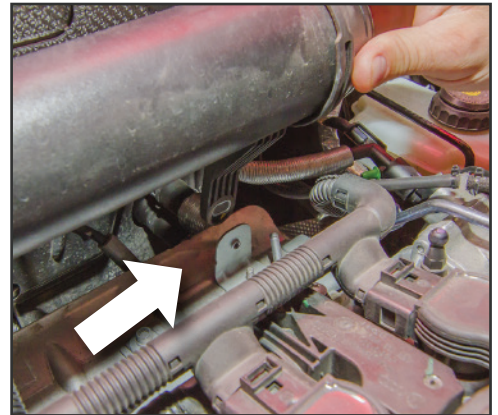


FIG. G

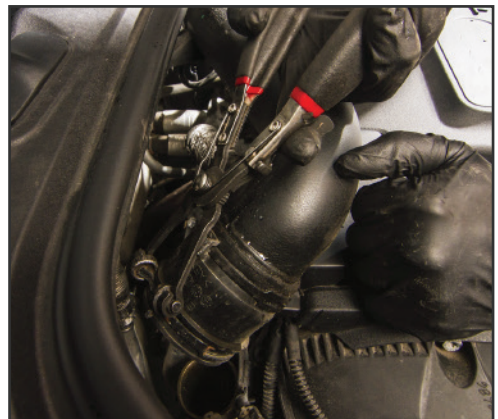


FIG. H



FIG. I

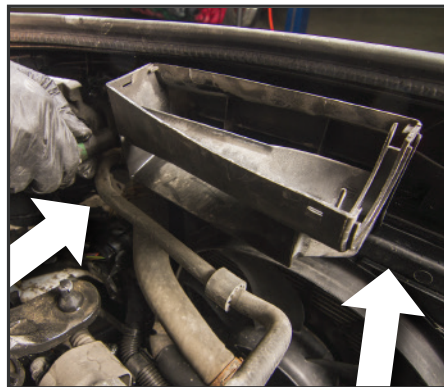


FIG. J

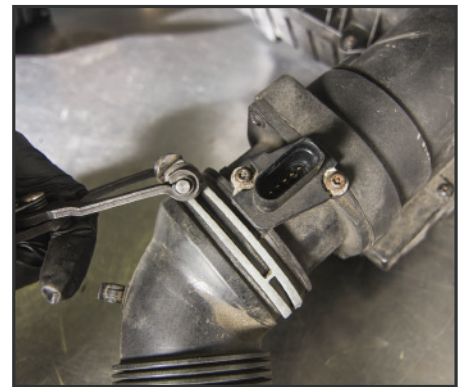


FIG. K



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**13** Using a Philips head screwdriver, remove the two screws holding the mass air flow housing to the factory air box. **(See Fig. L)** You can now remove the mass air flow housing from the airbox. **(See Fig. M)**



FIG. L

**14** Install Unitronic 3" to 2.25" Silicone Coupler (UH001-IN2) on the turbocharger compressor inlet. Ensure you tighten the hose clamp to affix the clamp to the compressor inlet. **(See Fig. N)** Slide on the upper clamp and let it loose for now.



FIG. M

**15** Install the Unitronic Intake Tube (UH001-IN1) into the silicone reducer (UH001-IN2) and secure the upper clamp that was let loose in the previous step. **(See Fig. O)**



FIG. N

**16** Using the OEM bolt, mount the Unitronic Intake Tube to the heat shield bracket. **(See Fig. P)**

**17** Using a 10mm socket, 6" extension, and ratchet, remove the factory bolt next to the battery cover. Fit the Unitronic TSI Heat Shield Air Box (UH001-IN3) in place and re-install the OEM bolt securing the heat shield in place. **(See Fig. Q)**



FIG. O



FIG. P



FIG. Q



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- 18** Using included bolt (UH002-IN0), secure the second mounting point of the heat shield. (See Fig. R)
- 19** Re-using the OEM screws, attach the last mounting point of the heat shield to the radiator support. (See Fig. S)
- 20** Mount the supplied hose clip (included in UH002-IN0) to the heatshield, and then affix the coolant hose to the hose clip to avoid the hose from rubbing on the heat shield. (See Fig. T)
- 21** Install the Unitronic 3" Dry Air Filter Element (UH001-IN4) to the heat shield and tighten the clamp. (See Fig. U)
- 22** Attach the Unitronic 3" Silicone Coupler (UH002-IN2) and Unitronic 3" TSI Silicone Elbow (UH003-IN2) to the Mass Air Flow Housing, but do not tighten the clamps yet. (See Fig. V)

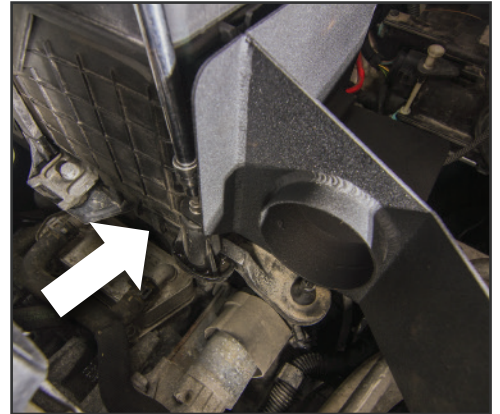


FIG. R



FIG. S

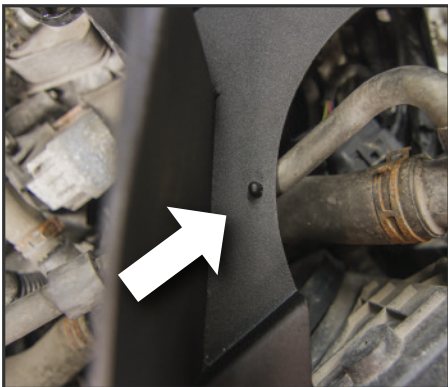


FIG. T

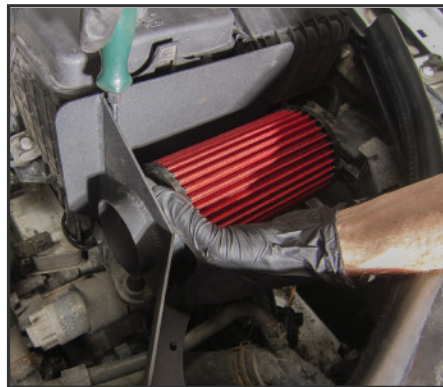


FIG. U

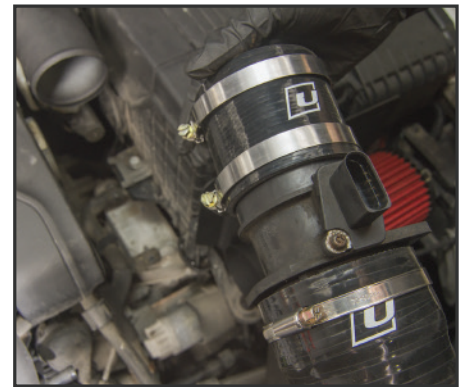


FIG. V



**INSTALLATION INSTRUCTIONS**  
**UNITRONIC 2.0 TSI Cold Air Intake System**  
**UH001-INA**

**23** Attach the Mass Air Flow Housing, now connected to the two silicone hoses, to the Upper Intake Tube and Heat Shield. Tighten all four hose clamps. **(See Fig. W)**

**24** Re-connect the Mass Air Flow Sensor. **(See Fig. X)**



FIG. W



FIG. X

**Congratulations!**

**You've successfully completed the installation of your Unitronic 2.0 TSI Cold Air Intake System!**