



## INSTALLATION INSTRUCTIONS

### Unitronic Cold Air Intake for 1.4 TSI® EA211

### UH013-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)

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

#### PACKING LIST:

PART NUMBER	DESCRIPTION	QUANTITY INCLUDED
UH017-IN1	Aluminum Intake Tube 1	1
UH021-IN2	65mm Silicone Straight Coupler	1
UH022-IN2	Silicone Hump Elbow	1
UH021-IN3	Aluminum Heat Shield Air Box	1
UH004-IN4	3" Air Filter	1
UH015-IN0	PCV Hose	1
UH016-IN0	Bracket Kit	1
UH006-AC0	EPDM Mounting Grommet	1

#### RECOMMENDED TOOLS NEEDED:

- 7mm Socket
- T25 Torx
- Ratchet
- Flat Head Screwdriver
- Hose Clamp Pliers (VAS 6362) [if installing with OEM air intake]
- 2.5mm Allen



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- 1** Open the Engine Compartment.
- 2** Using your Hose Clamp Pliers, remove the clamp holding the accordion tube to the air duct guide (See Fig. 1)
- 3** Next, using your T25 Torx, remove both torx fasteners holding the air duct guide to the radiator support and remove the air duct guide from the vehicle. (See Fig. 2)
- 4** Using your Hose Clamp Pliers again, remove the clamp holding the intake tube coupler to the turbocharger inlet. (See Fig. 3)
- 5** Next, disconnect the PCV line running from the PCV breather on the top of the valve cover to the intake tube. (See Fig. 4)
- 6** Using some upward force, pull the intake tube and airbox assembly to release it from the mounting posts and remove from engine bay. (See Fig. 5)
- 7** Locate the Unitronic 65mm Straight Silicone Coupler (UH021-IN2) and Intake Tube (UH017-IN1). Place the Straight Silicone Coupler onto the upper side of the Intake Tube and begin to tighten the clamp to hold the coupler onto the tube. Place hose clamp on other side, in preparation to be installed onto the vehicle. (See Fig. 6)



FIG. 1



FIG. 2



FIG. 3



FIG. 4



FIG. 5



FIG. 6



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- 8** Locate the Unitronic Silicone Hump Elbow (UH022-IN2) and place it on the other end of the Unitronic Intake Tube and begin tightening the hose clamp to affix it to the intake tube. (See Fig. 7)
- 9** Locate the Unitronic PCV Hose (UH015-IN0) and slide it onto the PCV nipple on the side of the Unitronic Intake Tube. This connection does not need to be clamped in place or held on with anything. (See Fig. 8)
- 10** Locate the Unitronic Heat Shield (UH021-IN3), Bracket Kit (UH016-IN0), EPDM Mounting Grommet (UH006-AC0) and Air Filter (UH004-IN4). Place the Mounting Grommet into the Bracket. Some lubrication may be required to ease the grommet into the bracket. Next, using your 2.5mm allen and 7mm socket, affix the mounting bracket to the appropriate spot on the bottom side of the heat shield and secure it in place tightly. (See Fig. 9)
- 11** Mount the Air Filter onto the Heat Shield and tighten the clamp to hold the filter onto the heat shield. (See Fig.10)
- 12** Slide the Heat Shield Assembly into the Silicone Hump Elbow and loosely tighten the clamp. You will likely have to adjust the rotation of this connection, so leave the clamp loose.
- 13** At this point, the entire Unitronic Intake should be nearly completely assembled and ready to drop into location in the vehicle. Line up your mounting grommet and intake tube connections and using some downward pressure, push the mounting grommet onto the corresponding mounting post in the engine bay. (See Fig. 11)



FIG. 7



FIG. 8

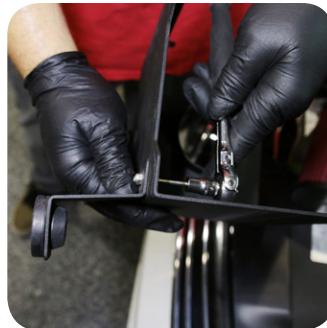


FIG. 9



FIG. 10



FIG. 11



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- 14** Re-install the two (2) T25 torx to hold the Heat Shield onto the radiator support. (See Fig. 12 & 13)
- 15** Push the Unitronic Intake Tube and Silicone Straight Coupler onto the turbo inlet and tighten the hose clamp. (See Fig. 14)
- 16** Be sure that there is enough clearance below the Silicone Hump Elbow and MAP sensor connection. Once confirmed, you can proceed to ensure all hose clamps are tightened and all connections are secured in place.
- 17** Finally, connect PCV Line to the PCV port on the Valve Cover.

**CONGRATULATIONS! You have successfully installed Unitronic's Cold Air Intake!**



FIG. 12



FIG. 13



FIG. 14