



INSTALLATION INSTRUCTIONS

Unitronic Carbon Fiber Air Duct System for 1.8 / 2.0 TSI® Gen3 MQB® UH008-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
UH009-IN3	Unitronic Carbon Fiber Front Air Duct for 1.8/2.0TSI Gen3 MQB®	1
UH001-AC3	Unitronic Coolant Reroute Hose for 1.8/2.0TSI Gen3 MQB®	1
UH008-IN0	Hardware Kit for Carbon Fiber Front Air Duct	1

RECOMMENDED TOOLS NEEDED:

- Hose clamp pliers (VAS 6362)
- Flat head screw driver
- 4mm Allen key
- Torx T25 screw driver
- Pliers



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- 1** Loosen the hose clamp on the turbo inlet hose onto the turbocharger compressor inlet. (See Fig. 1)
- 2** Disconnect vacuum line under the turbo inlet hose. (See Fig. 2)
- 3** Remove the airbox by firmly pulling upward to release the airbox from its retaining grommets and set aside. (See Fig. 3)
- 4** Remove (2) screws holding the air duct in place using your T25 Torx screw driver. (See Fig. 4)
- 5** Unclip the coolant hose from the air duct. (See Fig. 5)
- 6** Remove air duct. (See Fig. 6)
- 7** Using your hose clamp pliers, disconnect the coolant hose. (See Fig. 7) ****Might leak, prepare some absorbent. Engine must be cold in order to avoid losing too much coolant.****
- 8** Remove the check valve from the OEM coolant hose. You can use a plier and lubricant (as shown on the figure) or simply cut the hose, if you do not wish to keep it. (See Fig. 8) ****Be careful not to crush the check valve when using pliers.****

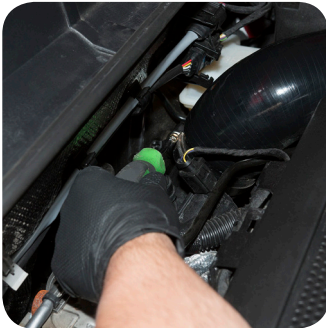


FIG. 1

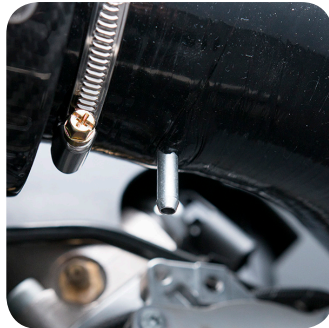


FIG. 2



FIG. 3



FIG. 4



FIG. 5



FIG. 6

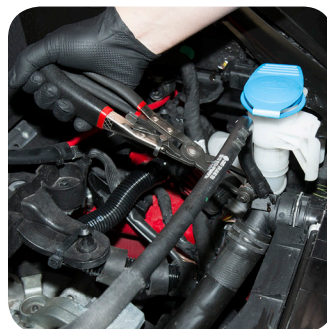


FIG. 7



FIG. 8



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- 9** Insert the check valve in Unitronic's coolant hose as shown. **IMPORTANT:** Check valve must go in with the chamfer first, on the opposite side from the 180 degree bend. Check valve must be pushed all the way to the first bend in order to install the hose properly on the engine. ****If check valve is inserted the wrong way, it can cause major damages to the cooling system**** (See Fig. 9 and 10)
- 10** Using your hose clamp pliers, connect Unitronic's coolant hose. (See Fig. 11)
- 11** Install the new rubber seal on Unitronic's airbox. (See Fig. 12)
- 12** Locate temporarily Unitronic's air duct in place. Do not secure using hardware at this point. (See Fig. 13)
- 13** Install the airbox inlet so it presses into the front air guide and then connect the airbox outlet tube onto the turbo inlet hose. Make sure the air duct is properly located in the airbox. (See Fig. 14)
- 14** Ensure the airbox and grommets are properly aligned with mounting posts and firmly push the airbox to lock the grommets onto the mounting posts. (See Fig. 15)



FIG. 9



FIG. 10

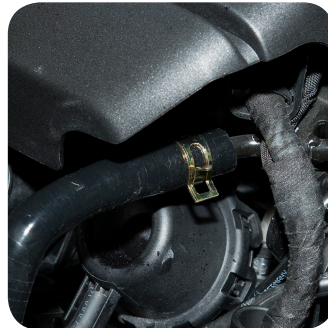


FIG. 11



FIG. 12



FIG. 13



FIG. 14

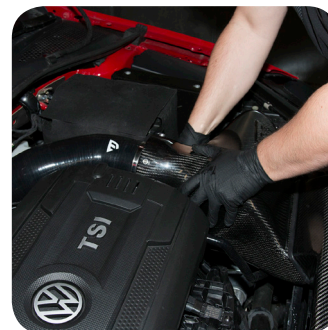


FIG. 15



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- 15** Tighten both flat head screws with washers using your 4mm Allen to secure the air duct in place. (See Fig. 16)
- 16** Tighten turbo inlet hose clamp using your flat head screw driver. (See Fig. 17)
- 17** Connect the vacuum line that was disconnected in step 2 to the port on the turbo inlet hose.

CONGRATULATIONS! You have successfully installed Unitronic's Carbon Fiber Air Duct!



FIG. 16



FIG. 17