



## INSTALLATION INSTRUCTIONS

### Unitronic Carbon Fiber Intake System for MK8 Golf R® & 8Y S3® UH041-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)

#### FOR AIR FILTER REPLACEMENT INSTRUCTIONS, PLEASE SEE PAGE 5.

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

#### PACKING LIST:

PART NUMBER	DESCRIPTION	QUANTITY INCLUDED
UH002-IN6	Carbon Fiber Airbox Carbon Fiber Airbox Assembly (Inner Tube, Air Filter, Bracket, Airbox)	1
UH004-IN0	MQB Airbox Seal	1
UH006-AC0	Unitronic Mounting Grommet	3
UH021-IN5	MK8 R / 8Y S3 Turbo Inlet Hose	1

#### RECOMMENDED TOOLS NEEDED:

- Hose clamp pliers (VAS 6362)
- ¼" Ratchet
- 7mm socket



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### UNITRONIC CARBON FIBER INTAKE SYSTEM INSTALLATION

- 1** Disconnect the vacuum hose on the left side of the airbox carefully by hand or use a small pick if it is stuck on the air box nipple. (See Fig. 1)
- 2** Using your hose clamp pliers, loosen the clamp holding the turbo inlet hose to the airbox and slide it out of the way. (See Fig. 2)
- 3** Remove the airbox by firmly pulling upward to release the airbox from its retaining grommets and tilt up from the back to remove it from the engine bay. (See Fig. 3)
- 4** Using the 7mm socket loosen the hose clamp on the turbo inlet securing the inlet hose. (See Fig. 4)
- 5** Slide the inlet hose off the turbo inlet but do not remove the tube all the way. (See Fig. 5)
- 6** Locate the DV tube clipped into the charge pipe plastic bracket and unclip it. (See Fig. 6)
- 7** Lift the inlet hose to the side and disconnect the DV tube from the bottom plastic fitting by pressing the 2 plastic clips locking it in place. (See Fig. 7)
- 8** Locate Unitronic's Turbo Inlet Hose (UH021-IN5) and two supplied hose clamps. Start by installing the provided aluminum DV tube adapter with some silicone grease and the included hose clamp but do not tighten it yet. (See Fig. 8)



FIG. 1



FIG. 2



FIG. 3

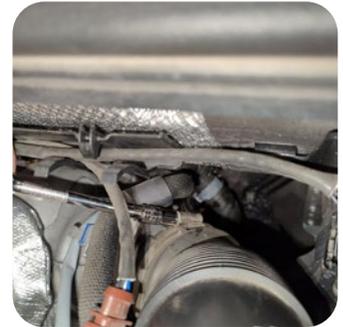


FIG. 4



FIG. 5



FIG. 6



FIG. 7

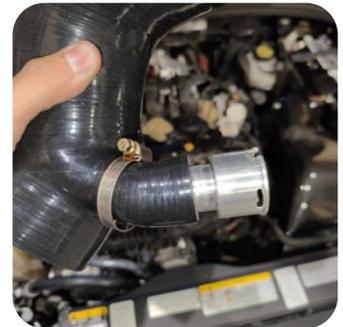


FIG. 8



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- 9** Bring the inlet hose close to the DV tube and plug it into the aluminum adapter. Make sure the locking tabs clip in securely. Rotate the inlet hose to the orientation it will be installed in the engine and only then tighten the hose clamp to the aluminum adapter. (See Fig. 9)
- 10** Remove the OEM short vacuum line from the intake manifold and install the provided Unitronic vacuum line. (See Fig. 10)
- 11** Connect the Unitronic vacuum line to the Unitronic inlet hose nipple (UH021-IN5). (See Fig. 11)
- 12** Place the hose clamp and the inlet hose (UH021-IN5) on the turbo inlet and do not tighten yet. (See Fig. 12)
- 13** Re-install the clip from the DV tube to the charge pipe plastic bracket. (See Fig. 13)
- 14** Locate Unitronic's Carbon Fiber Airbox (UH002-IN6) and three mounting grommets supplied in the Kit (UH006-ACO). Insert the mounting grommets into the grommet locations on the airbox and mounting bracket. (See Fig. 14)
- 15** Locate the rubber gasket and press it firmly around the airbox opening, ensuring the sealing surface faces inwards. Once done you can insert the airbox inlet into the front air duct (See Fig. 15) then connect the airbox outlet tube onto the turbo inlet hose. (See Fig. 15B)



FIG. 9

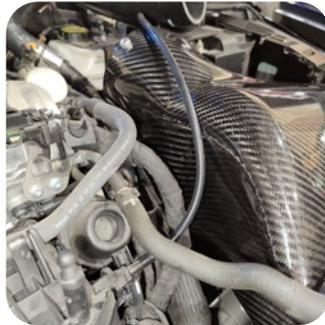


FIG. 10



FIG. 11



FIG. 12



FIG. 13



FIG. 14



FIG. 15



FIG. 15B



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- 16** 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. 16)
- 17** Tighten both turbo inlet hose clamps using the 7mm socket and ratchet (See Fig. 17 and 17B)

**CONGRATULATIONS! You have successfully installed Unitronic's Carbon Fiber Intake System!**



FIG. 16



FIG. 17



FIG. 17B



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### UNITRONIC AIRBOX FILTER REPLACEMENT

#### RECOMMENDED TOOLS NEEDED:

- 2.5mm Allen socket
- 1/4" Ratchet
- 8mm socket

- A** Remove the Unitronic Intake Airbox from your vehicle following the instructions above.
- B** Using the 2.5mm allen socket remove the screws securing the air filter tube inside the airbox. (See Fig.B)
- C** Remove the aluminum inner tube from the air box and use the 8mm socket to loosen the hose clamp securing the Air Filter (UH004-IN4). (See Fig.C)
- D** Place your new Air Filter (UH004-IN4) onto the aluminum inner tube and tighten the hose clamp using the 8mm socket and 1/4" drive ratchet. (See Fig. D)
- E** Insert the assembled Air Filter & aluminum inner tube into Unitronic's Carbon Fiber Airbox. (See Fig. E1) Line up the mounting ring with the corresponding mounting location on the carbon fiber airbox. (See Fig. E2 & E3)
- F** Using the original hardware supplied 2.5mm Allen bolts, secure the Air Filter Tube to the airbox assembly using your 2.5mm Allen socket and ratchet. (See Fig. F)
- G** Finally re-install the Unitronic intake Airbox following the instructions above.



FIG. B

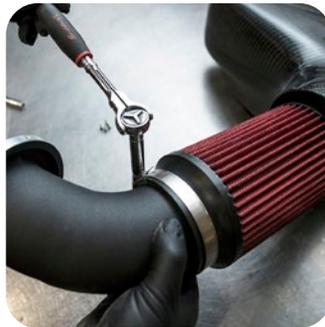


FIG. C



FIG. D



FIG. E1



FIG. E2



FIG. E3

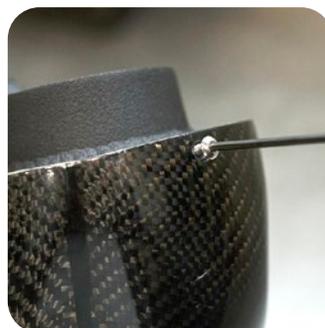


FIG. F