



INSTALLATION INSTRUCTIONS

Unitronic Carbon Fiber Intake System for B9 S4® & S5® UH017-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
UH019-IN1	Intake Tube, B9 S4 / S5	1
UH024-IN2	B9 3.0TFSI Intake EPDM Coupler, B9 S4 / S5	1
UH022-IN3	Carbon Fiber Airbox, B9 A4® / S4 & A5® / S5	1
UH023-IN3	Air Duct, B9 A4 / S4 & A5 / S5	1
UH020-IN0	Intake Hardware Kit	1
UH022-IN0	Air Duct Hardware Kit	1
UH007-IN4	6" Air Filter, Tapered Cone, 180mm	1

RECOMMENDED TOOLS NEEDED:

- 3mm Allen key
- 7mm Socket
- 8mm Socket
- ¼" Ratchet
- T25 Torx screwdriver or socket
- Flat Head Screwdriver



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We recommend that you first start with assembly of the complete Intake, before installing it onto the vehicle.

Unitronic Carbon Fiber Air Intake Assembly

- 1** Unpack all components of your Unitronic Carbon Fiber Intake System, lay them out on the table, and ensure that you have all pieces as listed in the packing list above. (See Fig. A)
- 2** Locate the Unitronic Air filter (UH007-IN4) and Unitronic Transition Tube (UH019-IN1) and install the Air Filter onto the Transition Tube. Using your flat head screwdriver or 8MM socket, tighten the Air Filter into place. (See Fig. B)
- 3** Locate your Unitronic Rubber Isolators (UH030-IN0) and install them onto your Carbon Fiber Airbox. (See Fig. C)
- 4** Locate the Unitronic Intake Hardware Kit (UH020-IN0) and together with the Transition Tube & Air Filter, insert this assembly into the airbox carefully aligning the red orientation line on the Airbox with the corresponding markings on the Transition Tube. (See Fig. D). Using the supplied Hardware Kit, affix the transition tube and air filter assembly onto the Airbox. We recommend that you leave the hardware hand-tight until they are all in place. Then use your 3mm allen to tighten all four (4) fasteners to a maximum torque specification of 5 Nm. (NOTE: Be very careful to not over tighten the fasteners. (See Fig. E)
- 5** Locate your Unitronic EPDM Inlet Coupler (UH024-IN2) and install it onto the transition tube. (See Fig. F)



FIG. A



FIG. B

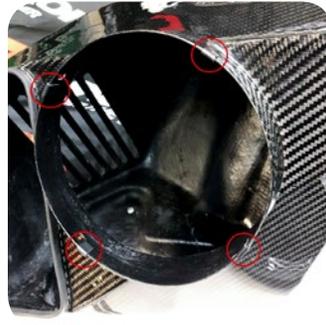


FIG. C



FIG. D

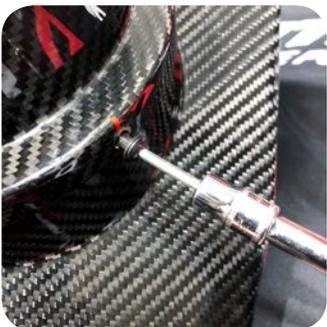


FIG. E



FIG. F



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Now that you've assembled your Unitronic Carbon Fiber Intake System, you can begin to uninstall the factory intake:

- 6** Open the engine compartment (See Fig. 1) and remove the engine cover by pulling upwards on either side by pulling upwards on either side.
- 7** Remove the hood latch by pushing the tab in on the top of the latch and pulling upwards on the latch to remove it. (See Fig. 2)
- 8** Remove the radiator shroud by pulling up on either side to unclip it from the grill, then pull it out of the support by pulling forward on the shroud.
- 9** Using your T25 Torx, remove the two (2) T25 fasteners from the factory air duct (See Fig. 3)
- 10** To remove the air duct, pull it back from the support then pull it out of the factory airbox. (See Fig. 4)
- 11** Using your 7mm socket, loosen the hose clamp to release the intake tube from the turbo inlet. (See Fig.5)
- 12** To remove the factory airbox, put one hand into the air duct entrance and your other hand on the opposite side and pull up. It should release from the mounting grommets.



FIG. 1



FIG. 2



FIG. 3



FIG. 4



FIG. 5



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Now that you have successfully removed the factory intake, you can proceed to install the Unitronic Carbon Fiber Intake System:

- 13** Install the Unitronic Carbon Fiber Airbox into the engine bay carefully aligning the mounting grommets.
- 14** Using your 7mm socket, tighten both hose clamps. For the hose clamp orientation, see Fig.6. If the hose clamp that is on the turbo inlet side is not in the correct position, it could interfere with the air duct.
- 15** Install the Unitronic Air Duct by sliding it into the Unitronic Airbox and aligning it with the support. (See Fig. 7)
- 16** Locate the Unitronic Air Duct fasteners (UH022-IN0). Using your 3mm Allen, insert one of the fasteners into the left side of the Air Duct leaving it hand tight until the right side is inserted and threaded. (NOTE: you may need to move the air duct around a little to locate the threads on the air duct (See Fig. 8)
- 17** Reinstall the radiator shroud by sliding it into the support. Carefully align all the tabs and push down it should clip into place with very little force.
- 18** Reinstall your engine cover. (See Fig. 9)

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

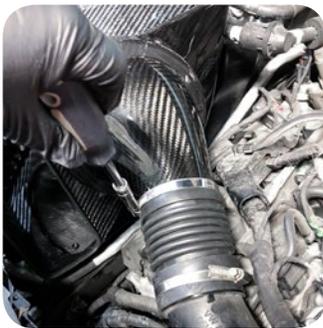


FIG. 6



FIG. 7



FIG. 8



FIG. 9