



INSTALLATION INSTRUCTIONS

Unitronic Carbon Fiber Intake System for 2.5 TFSI® EVO UH022-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
UH008-IN4	6" Sport Air Filter	1
UH022-IN1	3" Carbon Fiber Intake Tube	1
UH025-IN2	4" EPDM Flex Coupler	1
UH027-IN2	3" EPDM Inlet Coupler	1
UH025-IN3	Carbon Fiber Airbox	1
UH026-IN3	Carbon Fiber Air Duct	1
UH020-IN0	Airbox Hardware Kit	1
UH029-IN0	Air Duct Hardware Kit	1
UH020-IN1	Transition Tube	1
UH006-AC0	Mounting Grommet	2
UH030-IN0	Rubber Isolators	1

RECOMMENDED TOOLS NEEDED:

- 2.5mm Allen Key
- 3mm Allen key
- 1/4" Ratchet
- 7MM Socket
- Flat Head Screwdriver
- Hose clamp pliers
- T25 Torx
- T30 Torx
- 3/8 ratchet



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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 Sport or Race Air Filter (UH008-IN4 or UH009-IN4) and the Transition Tube (UH020-IN1) and install the Air Filter onto the Transition Tube. Using your flat head screwdriver, tighten the air filter into place. (See Fig. B)
- 3** Locate the Mounting Grommets (UH006-IN0) and the Carbon Fiber Airbox (UH025-IN3). Install the mounting grommets into the corresponding mounting tabs on the carbon fiber airbox. (See Fig. C)
- 4** Locate your Rubber Isolators (UH030-IN0) and install them onto your carbon fiber airbox. (See Fig. D)
- 5** Locate the Hardware Kit (UH020-IN0) and together with the Transition Tube & Air Filter, insert this assembly into the airbox. (See Fig. E). Using the supplied hardware, affix the transition tube and air filter assembly onto the airbox by lining up the mounting ring with the corresponding locations on 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. F)
- 6** Remove the OEM water drain tube from the factory airbox and transfer it onto the bottom of the Unitronic Carbon Fiber Airbox. (See Fig. G)
- 7** Locate the Unitronic Carbon Fiber Air Duct (UH026-IN3) and install it into the airbox (See Fig. H)



FIG. A



FIG. B



FIG. C



FIG. D



FIG. E



FIG. F



FIG. G



FIG. H



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

- 8** Open the engine compartment (See Fig. 1) and remove the engine cover.
- 9** Using your T25 Torx, remove the two (2) fasteners on either side of the air duct. (See Fig. 2)
- 10** Using your hose clamp pliers, release tension on the clamp to remove the diverter valve tube. (See Fig. 3)
- 11** Using your 7mm socket, loosen the clamp holding the silicone hose to the airbox. (See Fig. 4)
- 12** Remove the DSG breather at the front of the airbox, by unhooking it using a flat head screwdriver.
- 13** By pulling upwards and forward on the airbox, remove the airbox from the mounting grommets / tabs. (See Fig. 5)
- 14** Unclip the breather hose from the coil pack harness.
- 15** Using the two tabs on the connection, remove the breather line from the intake tube (See Fig. 6)
- 16** Locate the T30 Torx fastener on the back of the intake tube (bracket), and using your T30 Torx, remove the fastener to free up the intake tube for removal. (See Fig. 7)
- 17** Using your hose clamp pliers, release the tension and move the clamp aside to free the intake tube from the Turbo Inlet Elbow. (See Fig. 8)



FIG. 1



FIG. 2

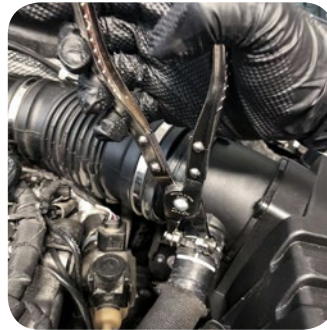


FIG. 3



FIG. 4



FIG. 5

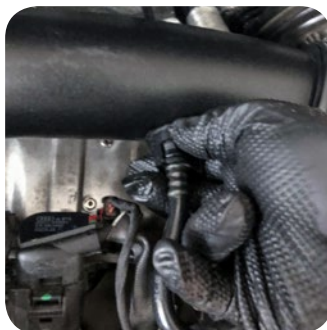


FIG. 6



FIG. 7

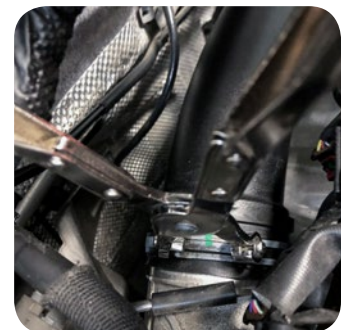


FIG. 8



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

- 18** Locate your 3" or 4" EPDM Inlet Coupler (UH026-IN2 4" or UH027-IN2 3"). First, install this onto the Unitronic 3" or 4" Turbo Inlet Elbow. Tighten one of the two supplied hose clamps, to affix the Inlet Coupler onto the Turbo Inlet Elbow.
- 19** Next, install the Unitronic 3" or 4" Carbon Fiber Intake Tube onto your 3" or 4" inlet coupler, and using your T30 Torx and OEM fastener, re-install the fastener in the corresponding location on the rear bracket. (See Fig. 9)
- 20** Once the rear tube is oriented and aligned properly, tighten the other supplied hose clamp to hold the intake tube to the inlet coupler.
- 21** Install the Carbon Fiber Airbox Assembly (now with the Transition Tube mounted). Carefully angle the airbox assembly into place (See Fig. 10)
- 22** Once the Carbon Fiber Airbox is seated correctly, push downward to ensure it is properly seated into place on the mounting posts, and the grommets are holding it securely in place on the mounting posts.
- 23** Reinstall the breather line onto the intake tube (See Fig. 11)
- 24** Locate the Unitronic 3" EPDM Flex Coupler (UH027-IN2). Open both supplied hose clamps entirely and rest them over the intake tube and transition tube in preparation for the install of the flex coupler. Slide the flex coupler between the intake tube and transition tube, then slip over the hose clamps, and tighten them. (See Fig. 12)
- 25** Using your hose clamp pliers, reinstall the DV tube. (See Fig. 13)

Note: It is not necessary to slide the DV tube completely on the port of the transition. You should slide on the DV tube approx. 1.5" or enough to ensure the clamp has proper seating beyond the barbed end.



FIG. 9



FIG. 10



FIG. 11



FIG. 12



FIG. 13



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- 26** Using your 7mm or flathead screwdriver, re-check/tighten all of the hose clamps to ensure they've been properly tightened.
- 27** Using your 2.5mm allen and hardware kit (UH029-IN0), install the supplied fasteners to affix the air duct into the radiator support bracketry.
- 28** Reinstall your engine cover

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