



## INSTALLATION INSTRUCTIONS

### Unitronic UniFLEX Hardware Kit for 2.5TFSI® EVO (w/o Sensor) UH010-FLA

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
UH026-FL7	UniFlex Sensor Harness	1
UH027-FL7	UniFlex 8V RS3® & 8S TTRS® Body Harness	1
UH019-TL2	UniFlex Ethanol Device	1
UH003-TL0	UniFlex Bracket ( <b>Strongly recommended</b> )	1

#### RECOMMENDED TOOLS NEEDED:

- 7mm socket
- 1/4" Ratchet
- T25 Socket
- Clamp Pliers
- 13mm socket
- 2.5mm Allen Key



FIG. A



## INSTALLATION INSTRUCTIONS

### Unitronic UniFLEX Hardware Kit for 2.5TFSI® EVO (w/o Sensor) UH010-FLA

- 1** To start the installation, first remove the engine cover by lifting up on the 4 corners of the cover. (See Fig. 1)
- 2** Using the 7mm socket and ratchet wrench, loosen the screw clamp maintaining the flex coupling to the intake box. (See Fig. 2)
- 3** Using clamp pliers, remove the diverter valve spring clamp located on the engine air intake box. (See Fig. 3)
- 4** Once the clamp is removed to the lower part of the hose disconnect the hose from the intake box. (See Fig. 4)
- 5** Now locate the front air duct located in front of the airbox and unscrew the 2X T25 screws holding it in place. (See Fig. 5)
- 6** Once the two T25 screws are removed push the air duct backwards into the airbox and tilt the front up and pull out the air duct. (See Fig. 6)
- 7** When the air duct is removed pull upwards on the airbox to release it from the rubber grommets. Rotate at an angle to get it out of the flex coupling and remove the airbox from the car. (See Fig. 7)
- 8** Right below the position of the airbox locate the wiring harness clipped into the plastic rail. (See Fig. 8)



FIG. 1



FIG. 2



FIG. 3



FIG. 4



FIG. 5



FIG. 6



FIG. 7



FIG. 8



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### Unitronic UniFLEX Hardware Kit for 2.5TFSI® EVO (w/o Sensor) UH010-FLA

- 9** Locate the black 8 pin connector and unclip it from the plastic rail. (See Fig. 9)
- 10** Pull the tab carefully and unclip the connector. (See Fig. 10)
- 11** Locate the longer body harness (UH027-FL7) and plug it in between the OEM connector like a Y connection. (See Fig. 11)
- 12** With the body harness plugged in correctly, clip in the plastic pin into the lower bracket hole next to the larger gray connector and tuck away the other side of the connector under the headlight housing. (See Fig. 12)
- 13** Continue by routing the harness under the hood latch cable and zip tie it as shown here. (See Fig. 13)
- 14** Tuck the harness along the top of the rad support below the air duct openings and above the hood latch mechanism as shown. (See Fig. 14)
- 15** On the passenger side of the car, zip tie the harness the same way with the hood latch cables. (See Fig. 15)
- 16** Route the remaining part of the harness near the headlight housing and module as shown in this image. (See Fig. 16)



FIG. 9



FIG. 10

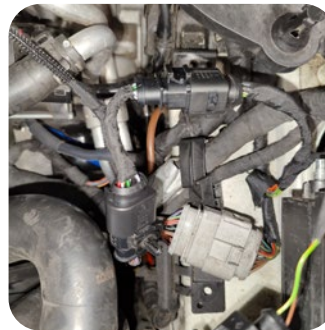


FIG. 11



FIG. 12



FIG. 13



FIG. 14



FIG. 15

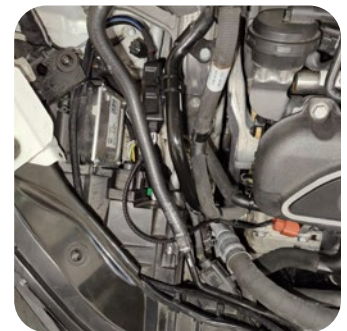


FIG. 16



## INSTALLATION INSTRUCTIONS

### Unitronic UniFLEX Hardware Kit for 2.5TFSI® EVO (w/o Sensor) UH010-FLA

- 17** Locate the UniFLEX Module. If you've purchased a UniFLEX bracket (UH003-TL0), mount the bracket to the engine mount bracket immediately in front of the coolant bottle by removing the 13mm bolt (See Fig. 17). Once removed, mount the bracket and re-affix the 13mm bolt in place. Using the supplied hardware, mount the UniFLEX module onto the bracket. NOTE: There are several different ways you can mount the UniFLEX bracket depending on what other accessories you have installed. (See Fig 17 & 17-B)  
DO NOT MOUNT THE MODULE NEAR OR ON ANY RADIANT HEAT SOURCES.
- 18** Locate the shorter (UH026-FL7) Flex Sensor Harness and connect it to the UniFlex module on one end and to your ethanol content sensor on the other end. Zip tie the sensor harness to the protected section of the fuel line or depending where your sensor is installed to any available supports. (See Fig. 18)
- 19** Reinstall the intake system in reverse order of disassembly.

**Download the UniE85 App Now!**

**CONGRATULATIONS! You have successfully installed Unitronic's UNIFLEX device and harness!**



FIG. 17

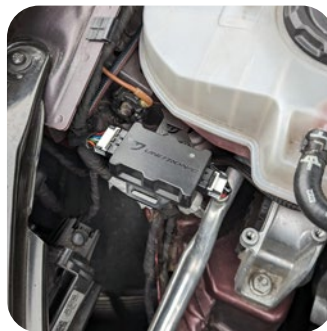


FIG. 17-B

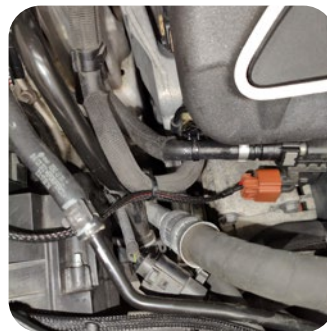


FIG. 18