



INSTALLATION INSTRUCTIONS

Unitronic DV Relocation Kit for 2.0 TSI® Gen2

UH003-ICA

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-IC1	Unitronic Throttle Body Hose for TSI Gen2	1
UH010-IC1	Unitronic DV Relocation Hose	1
UH006-IN2	Unitronic 3" to 2.25" Re-Route Reducer	1
UH002-AC1	Unitronic DV Wiring Harness Extension	1
UH015-IC1	Unitronic Boost Cap for TB Pipe	1
UH004-AC0	Unitronic Machined DV Block Off Plate	1
UH002-IC0	Unitronic Re-Route Hose Clips	1
UH001-IN0	Unitronic Machined DV Adapter	1

RECOMMENDED TOOLS NEEDED:

- Flat-head screwdriver (or 7mm & 8mm socket and ratchet)
- T30 Torx
- T25 Torx
- 5mm Allen key
- Jack and Jackstands (or vehicle hoist)

**If your vehicle is equipped with the OEM "noise pipe", this must be removed. The supplied Boost Cap (UH015-IC1) is to be used to cap the port on the throttle body pipe. If your vehicle does NOT have an OEM noise pipe, this Boost Cap is unused.



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- 1** Raise your vehicle using your jack and secure using your jackstands (or vehicle hoist) to gain access to the underside of your vehicle.
- 2** Remove the belly pan using your T25 Torx. **(Fig. AA)**
- 3** Locate the Diverter Valve (DV) on the compressor housing of your turbocharger. Unplug the electrical connection from the DV and remove the three bolts holding the DV in place using your 5mm Allen key. **(Fig. A)**
- 4** Locate Unitronic's Machined DV Block Off Plate (UH004-AC0). Ensure the o-rings on the DV Block Off Plate are well seated, and install the DV Block Off Plate in place of the OEM DV using the three (3) OEM screws removed in the previous step.
- 5** Next, remove the engine cover by pull firmly upwards on the corners of the cover. **(Fig. B)**
- 6** Loosen the clamp between the Mass Air Flow housing and upper intake tube to remove the upper Intake tube using your flat head screw driver. **(Fig. C)**



FIG. AA

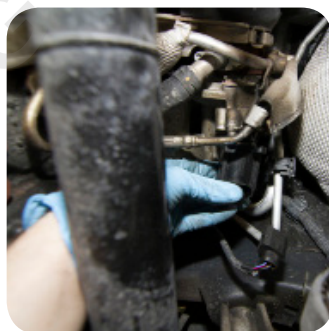


FIG. A



FIG. B



FIG. C



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- 7** Remove the T30 Torx bolt from the upper intake tube heat shield mounting point. **(Fig. D)**
- 8** Loosen the upper Turbo Inlet Silicone Reducer clamp using your flat head screw driver. **(Fig. E)**
- 9** Depress the clips on either side of the PCV hose to remove it from the upper intake tube. **(Fig. F)** Remove the upper intake tube and set aside briefly.
- 10** Loosen the lower Turbo Inlet Silicone Reducer clamp using your flat head screw driver and remove it from the turbo inlet.
- 11** Locate the Unitronic 3" to 2.25" Re-Route Reducer (UH006-IN2) and install the aluminum re-route port into the appropriate port on the silicone hose and tighten the supplied clamp using your flat head screw driver. **(Fig. G)**
- 12** Re-install the Re-Route Reducer onto the turbo inlet hose and tighten the lower clamp using your flat head screw driver. **(Fig. H)**
- 13** Re-install the Unitronic Upper Intake Tube and re-secure all connections similar to removal.



FIG. D

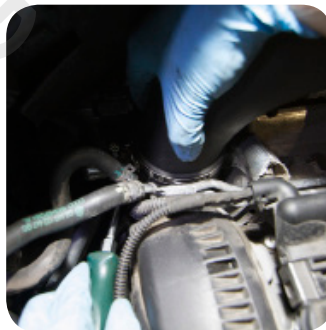


FIG. E

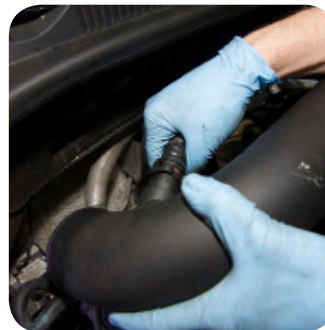


FIG. F



FIG. G



FIG. H



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- 14** Loosen the upper hose clamp affixing the throttle body hose with the throttle using your flat head screw driver. (Fig. I) Next, remove the lower hose clamp holding the throttle body hose to the throttle body pipe. (Fig. J)
- 15** Loosen the two (2) T30 Torx bolting the throttle body pipe to the engine. (Fig. K) You can now remove the throttle body hose (Fig. L)
- 16** Locate the Unitronic TSI Gen2 Throttle Body Hose (UH008-IC1), loosely install supplied hose clamps, and install the throttle body hose in place, using your flat head screw driver to tighten the clamps appropriately. (Fig. M & N)
- 17** Tighten the two T30 Torx bolts to re-affix the throttle body pipe to the engine and re-install the belly pan using the T25 Torx bolts.
- 18** Locate the Unitronic Machined DV Adapter (UH001-IN0) and install the OEM DV using the supplied bolts and a 5mm Allen key. (Fig. O)
- 19** Install the DV Adapter into the re-route provision on the Unitronic Throttle Body Hose and tighten all hose clamps using your flat head screw driver. (Fig. P)

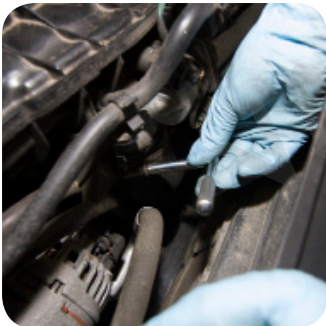


FIG. I

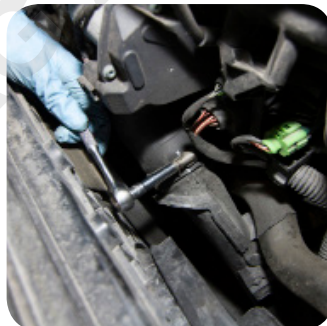


FIG. J



FIG. K



FIG. L

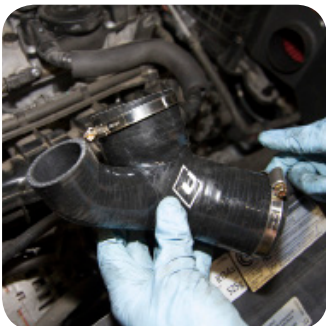


FIG. M

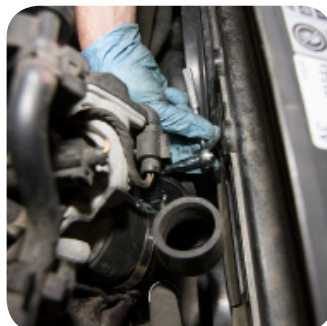


FIG. N

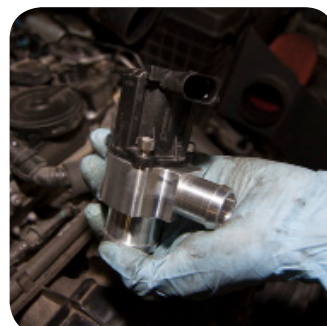


FIG. O



FIG. P



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- 20** Locate the Unitronic DV Relocation Hose (UH010-IC1) and install the re-route hose onto the DV Adapter. The DV Relocation Hose should run along the passenger side of the engine following the fuel lines up to the 3" to 2.25" Silicone Re-Route Coupler. Connect the other end to the Re-Route Coupler's machined port and tighten all hose clamps with your flat head screw driver. **(Fig. Q & R)**
- 21** Locate the Unitronic Re-Route Hose Clips (UH002-IC0) and clip the small end onto the fuel lines and the larger end holding the Silicone DV Relocation Hose. **(Fig. S)**
- 22** Locate the Unitronic DV Wiring Harness Extension (UH002-AC1) and install the extension from the OEM DV harness connection to the relocated DV. **(Fig. T)**
- 23** Finally, re-install your engine cover to complete installation of Unitronic's TSI Gen2 DV Relocation Kit!

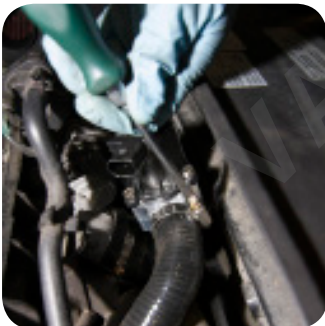


FIG. Q



FIG. R

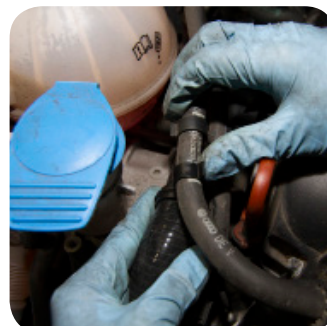


FIG. S

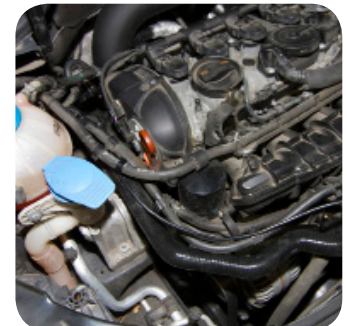


FIG. T