INSTALLATION INSTRUCTIONS

Unitronic 4” Turbo Inlet Elbow for 8Y 2.5 TFSI® EVO

UH060-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
UH022-IN5	4” Turbo Inlet Elbow for 2.5TFSI EVO	1
UH042-IN2	Jet Pump Connection Line	1
UH001-IN8	Adapter Ring for 4” Turbo Inlet Elbow	1
UH047-IN0	O-Ring (2mm x 72mm)	1
	M6x1x16mm Serrated-Flange Screw	2
	M6x1x16mm 2.5 Inlet Bolt	1
	Washer (1/4" Black SS)	3
	Barbed Tube Fitting Black 5/32" ID	1
	4mm Silicone Vacuum line Black 1M	1

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RECOMMENDED TOOLS NEEDED:

- Hose Clamp Pliers
- 4mm Allen Key
- Quarter-inch ratchet
- 3/8 ratchet
- 7MM socket
- 10MM socket
- T20 Torx
- T25 Torx
- T30 Torx
- T45 Torx
- 10MM Triple Square socket (short)
- 90° Pick
- Short 10MM wrench

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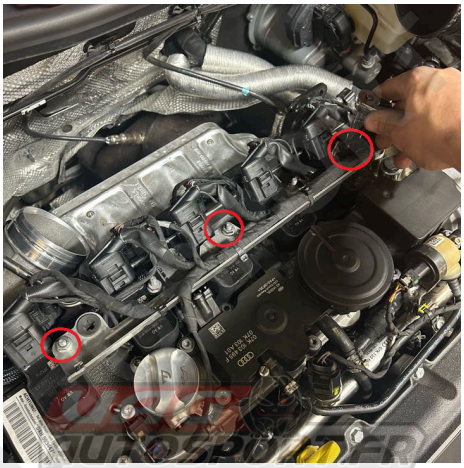
1. Secure your vehicle safely on jack stands or vehicle hoist to gain access to the underside of your vehicle.

2. Open engine compartment.

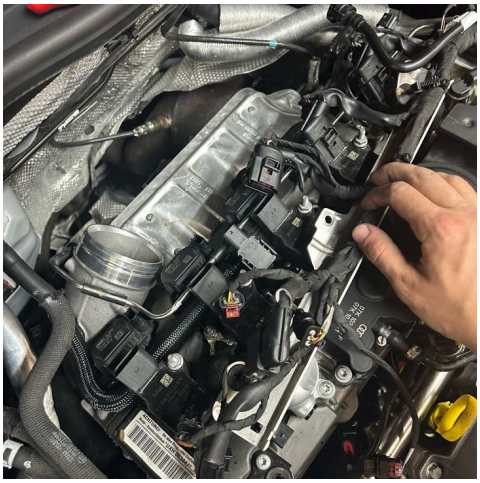
3. Remove engine cover.

4. Uninstall the intake system (Please refer to Installation Instructions for UH020-INA).

5. Using your 10mm socket, remove the three (3) fasteners holding the coil pack harness rail.

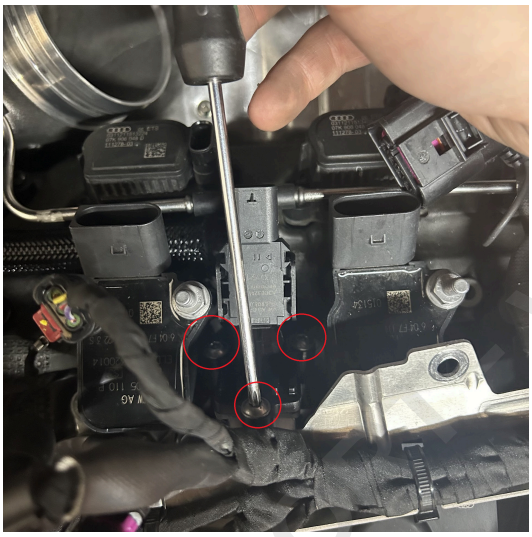


6. Unplug the connectors from the coilpacks, camshaft solenoid and camshaft position sensor allowing the wiring assembly to be moved towards the front of the vehicle.



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7. Using your T20, remove the three (3) fasteners for the PCV tube.



8. Using your hose clamp pliers, remove the hose from the jet pump.



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9. Using your T30, remove the two (2) screws holding the jet pump to the factory turbo inlet elbow.



10. Remove the jet pump from the factory turbo inlet elbow.

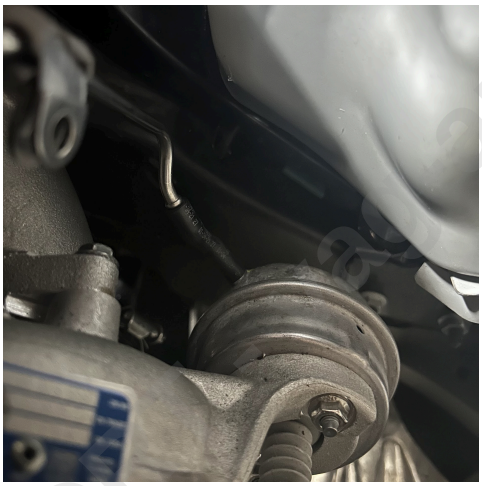
11. Using your slim T30, remove the fastener holding the wastegate line and the jet pump hose.



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12. Disconnect the wastegate line from the N75 and wastegate connections.

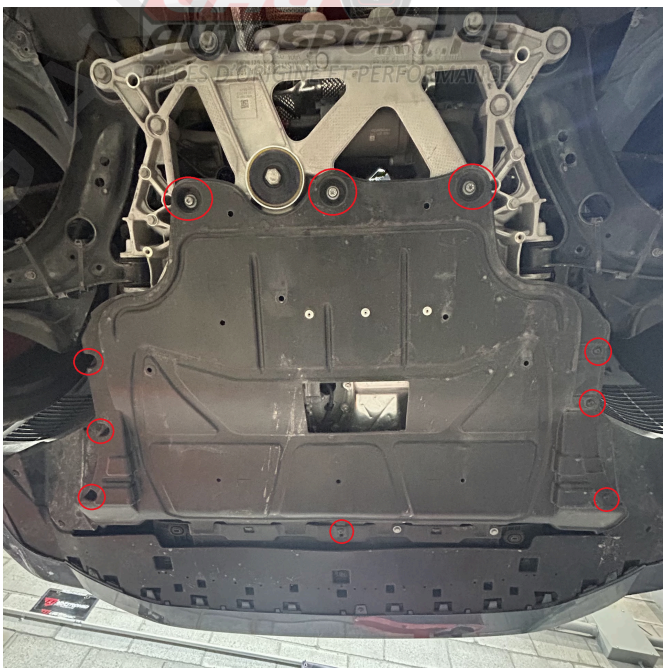




13. Remove the wastegate line from the vehicle.

14. Using your slim T30, remove the top fastener holding the inlet elbow to the turbocharger.

15. Under the vehicle, remove the belly pan using a T45 and a T25 Torx.



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16. Using your 7MM socket, loosen the clamp holding the rubber hose to the outlet pipe.



17. Using your slim T30, remove the fastener holding the outlet pipe to the block.

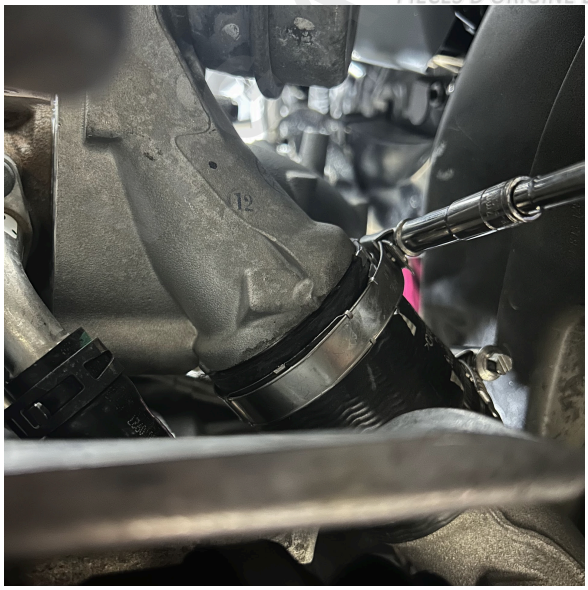


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18. Using your 10MM Triple Square short socket, remove the fastener on the back of the engine block.



19. Using your 7MM socket and a long extension, loosen the upper clamp holding the outlet pipe hose to the turbo outlet.





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20. Remove the turbo outlet pipe by pulling it down from the vehicle. You may need to use a pick to separate the rubber hose from the turbo outlet.

21. Using your slim T30, remove the remaining fastener on the turbo inlet elbow.

22. You can now remove the turbo inlet elbow from the top vehicle.

23. Install the provided O-Ring onto the Adapter Ring (UH001-IN8).

24. Install the Adapter Ring onto the Unitronic Turbo Inlet Elbow, and transfer the gasket from the OEM turbo inlet elbow onto the outer face of the adapter ring.



25. Reinstall the turbo inlet elbow onto the turbocharger, install one of the two fasteners provided by hand. Leave this 10mm fastener loose until the other fastener is installed. It's recommended to apply some loctite to the fastener threads, to ensure maximum protection against these bolts coming loose.

26. Underneath the vehicle, you can install the 2nd 10mm fastener. Ensure that the turbo inlet elbow is seated correctly before tightening the two (2) fasteners. You will need to use a short 10mm wrench to tighten both the fasteners. It's recommended to apply some loctite to the fastener threads, to ensure maximum protection against these bolts coming loose. You must properly tighten these bolts, failure to properly tighten these bolts can result in the inlet perpetually coming loose. If you torque these bolts properly, the inlet will not come loose.

27. Move all the abrasion and heat protection sleeves, along with the bracket (without the rubber insert), from the factory jet pump hose to the new Jet Pump Connection Line (UH042-IN2).

28. Using your hose clamp pliers, install the provided Jet Pump Connection Line (UH042-IN2) onto the turbo outlet pipe.



29. Reinstall the turbo outlet pipe, and tighten the 10MM triple square and T30 fastener to the engine block.

30. Using your 7MM socket, tighten the rubber hose at the turbo outlet and the clamp from the intercooler hose.

31. Reinstall the belly pan.

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32. Reinstall the jet pump assembly onto your Unitronic Turbo Inlet Elbow (UH022-IN5) using the factory jet pump screws and two (2) ¼” washers .

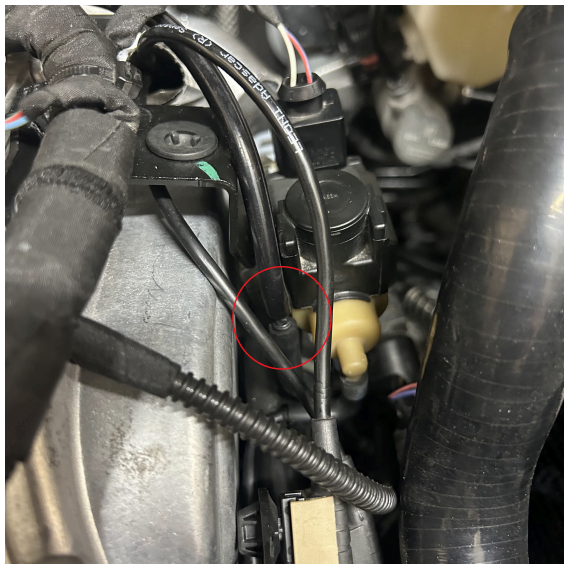


33. Using your T20, reinstall the three (3) fasteners for the PCV.

34. Locate your Barbed Tube Fitting and the provided 4mm Silicone Vacuum Line.

35. Install the Barbed Tube Fitting at the N75 connection point.

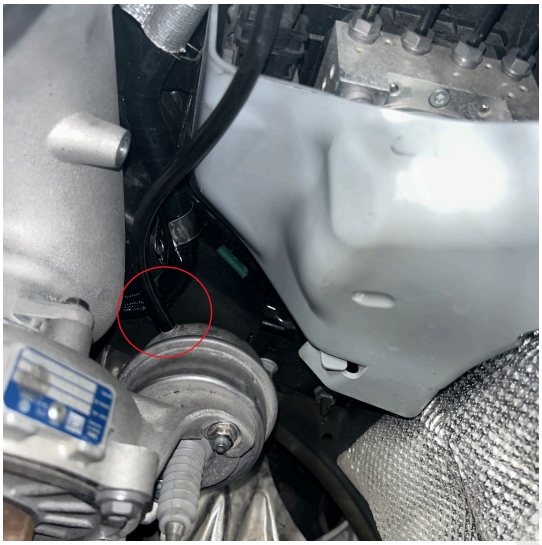
36. Attach the 4mm Silicone Vacuum Line to the Barbed Tube Fitting.



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37. Following the same path as the original factory wastegate line, connect the other end of the Silicone Vacuum Line to the wastegate.



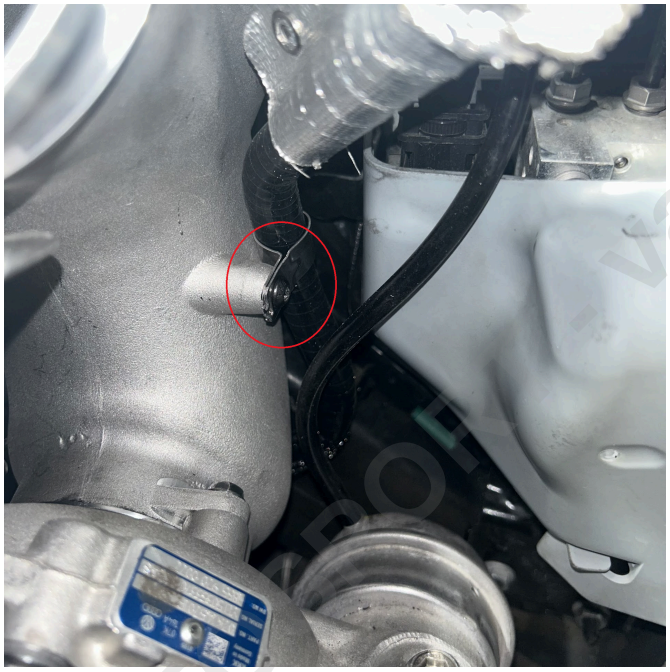


38. Using your hose clamp pliers, connect the Jet Pump Connection Line (UH042-IN2) to the jet pump.



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39. Using your 4mm Allen along with one (1) M6x1x16mm Bolt and the remaining ¼” washer , secure your Jet Pump Connection Line (UH042-IN2) to the inlet boss.



40. Plug the camshaft solenoid, camshaft position sensor and coil packs.

41. Using your 10MM socket, reinstall the three (3) 10mm fasteners onto the coilpack harness.

42. Reinstall the intake and engine cover.

Congratulations! You have successfully installed Unitronic’s 4” Turbo Inlet Elbow for 8Y 2.5 TFSI® EVO

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