



DIRENZA
PROVEN PERFORMANCE

VW Golf MK5 GTI MVT Intercooler Installation Guide

The Direnza Performance MVT is a high performance, aftermarket intercooler offering increased cooling and performance over the stock setup. The extra capacity combined with our revolutionary Multi Vane Technology is designed to lower intake temperatures and prepare your vehicle for additional tuning and modifications.

DISCLAIMER

- Allow the vehicle to cool completely prior to installation.
- We recommend that the intercooler is installed by a professional.
- Direnza is not responsible for any vehicle damage or personal injury due to installation errors, misuse or removal of Direnza products.

TOOLS REQUIRED

- T20, T25, T30 Torx Driver
- 16mm Socket
- Posi Drive Screwdriver
- Flat Blade Screwdriver
- Extension
- Ratchet

1x MVT Front Mount Intercooler





1. Remove the front bumper.



2. Undo the 2x screws to remove the plastic trim below the headlight.



3. Step 2 continued.



4. You can now undo 3x screws securing the headlight to the car.



5. Step 4 continued.



6. Step 4 continued.



7. Disconnect the headlight plug before removing.



8. Step 7 continued.



9. Remove the headlight and repeat the removal process on the other side.



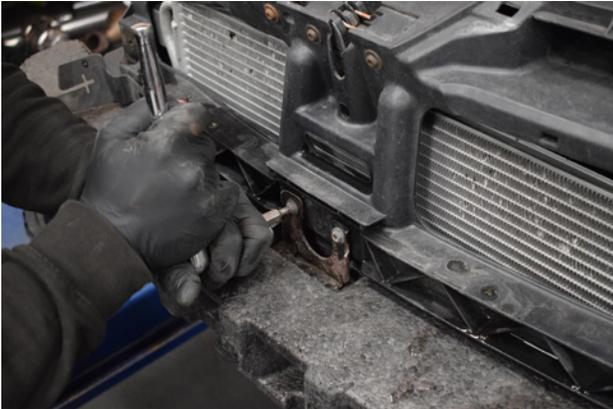
10. Disconnect & un-clip foglight wiring from the front of the car.



11. Step 10 continued.



12. Remove air temperature sensor.



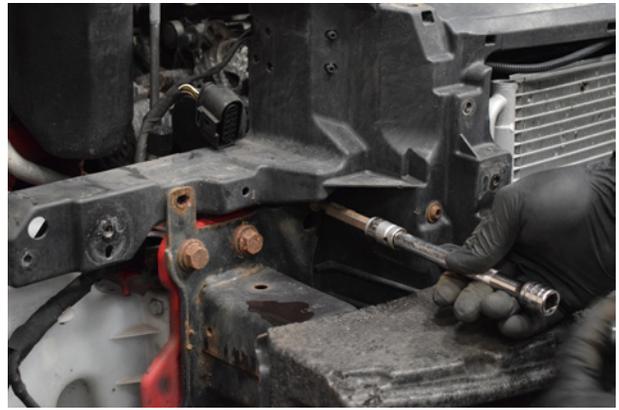
13. Undo 2x screws from the centre of the crash bar.



14. Remove the upper and lower screws from the crash bar.



15. Step 14 continued and repeat on the other side.



16. Undo additional screws on the cooling shroud.



17. Remove the polystyrene crash bar cover.



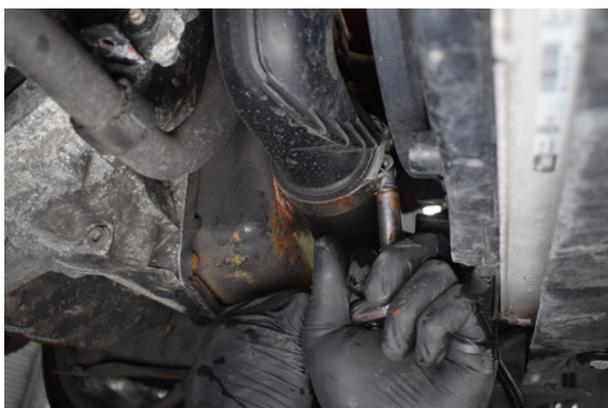
18. Undo 4x clamps on the intercooler boost pipes.



19. Step 18 continued.



20. Step 18 continued.



21. Step 18 continued.



22. With the clamps released, you can remove the OE silicone pipes.



23. Step 22 continued.



24. Step 22 continued.



25. Step 22 continued.



26. You can now undo the 4x bolts securing the crash bar to the chassis.



27. Step 26 continued.



28. Repeat this process on the other side.



29. Disconnect the horn.



30. Remove the crash bar.



31. Step 30 continued.



32. Disconnect the bonnet release cable.



33. Step 32 continued.



34. Unplug bonnet detection sensor.



35. Remove 2x screws on the slam panel and repeat on the other side.



36. Remove the final 2x screws hidden behind the crash bar.



37. Remove the slam panel.



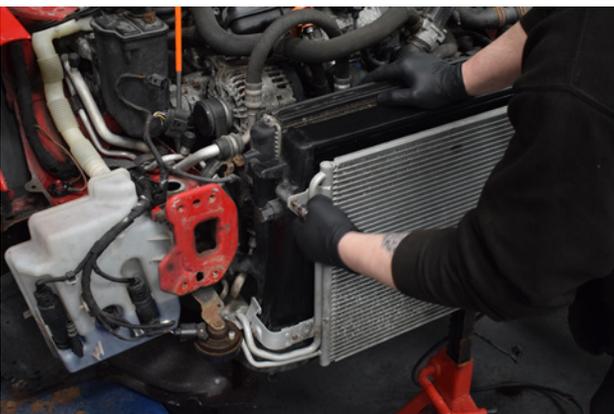
38. Remove the plastic clip from each end of the intercooler.



39. Step 38 continued.



40. Remove screw securing the condenser to the intercooler.



41. Repeat step 40 on the other side.



42. Remove the final screw located on the side of the condenser, it can then be safely held out of the way.



43. Remove the upper screw securing the intercooler to the rad pack and repeat on the other side.



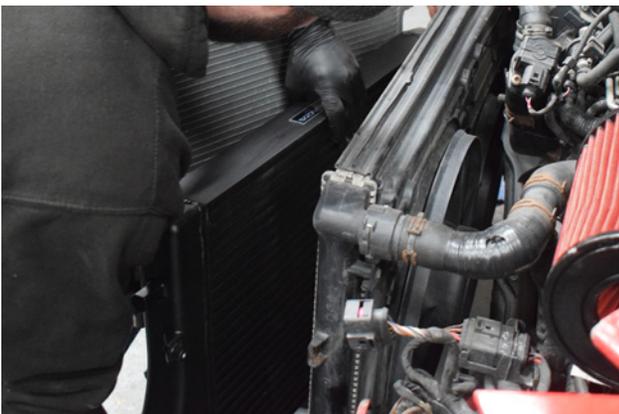
44. Remove the lower screw securing the intercooler to the rad pack and repeat on the other side.



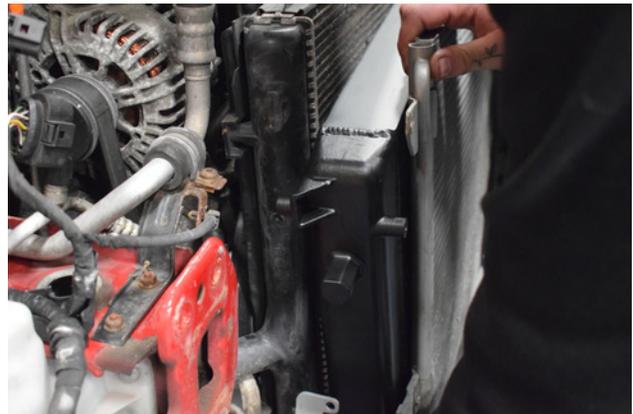
45. The intercooler can now be removed from the car..



46. Step 45 continued.



47. You can now begin installing the Direnza MVT Intercooler.



48. Step 47 continued.



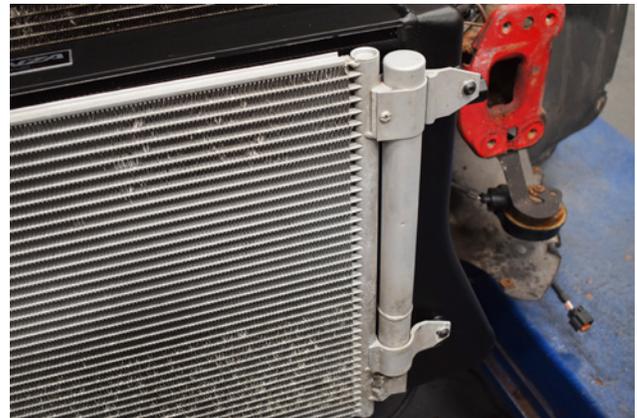
49. With the mounting points lined up with the rad pack you can secure the intercooler using the supplied hardware.



50. Step 49 continued.



51. Install the condenser the the intercooler.



52. Step 51 continued.



53. Not forgetting the final screw next to the air con pipes.



54. Nip up all screws by hand.



55. Re-install the plastic clips onto the intercooler.



56. The plastic slam panel can now be re-installed.



57. Re-fit all the screws that you removed earlier.



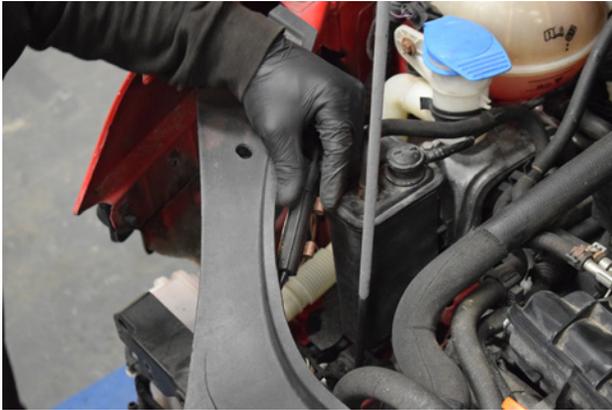
58. Step 57 continued.



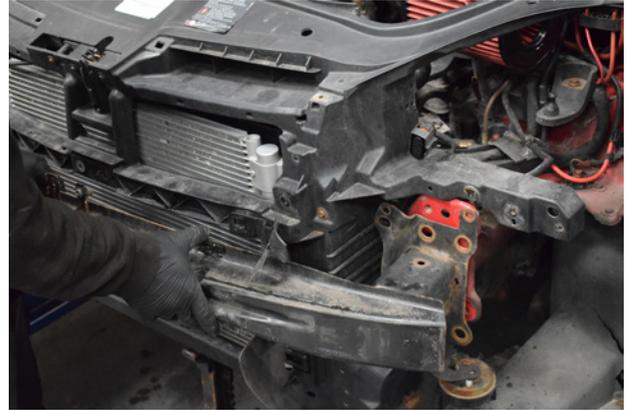
59. Step 57 continued.



60. Reconnect the bonnet release cable and bonnet detection sensor.



61. Step 60 continued.



62. Install the crash bar.



63. Secure the crashbar using 4x original bolts and repeat on the other side.



64. Step 63 continued.



65. Install smaller crash bar mounting screws.



66. Continued to fully secure the plastic slam panel using original hardware.



67. Re-install the two central locating screws on the crash bar.



68. Remove the boost pipe adapter from the hard pipe.



69. The O ring needs to be transferred to the supplied adapter.



70. Install the O ring onto the new adapter.



71. Install the adapter.



72. Place the supplied clamps onto the 90° silicone and install.



73. Tighten clamps to secure.



74. repeat this process for the boost pipe on the other side of the car.



75. Tighten both clamps.



76. With the intercooler installed you can re-fit the front bumper.

You may also like...



VAG 20mm Wheel Spacers.



VW Golf MK6 GTI 25mm / 20mm Lowering Springs

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