



DIRENZA
PROVEN PERFORMANCE

Ford Fiesta ST180 MVT Intercooler Installation Guide

The Direnza MK7 Fiesta ST180 MVT is a high performance, aftermarket Intercooler offering increased cooling and performance over the stock system. The extra capacity along with revolutionary MVT technology gives lower output temperatures which result in power gains and more consistent power.

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

- T30 Torx Driver
- Trim Tool
- 8mm Socket
- 7mm Socket
- 13mm Socket/Spanner
- 4mm Allen Key
- Jack, Jack stands/Ramp or lift

- 1x MVT Front Mount Intercooler
- 1x Mounting Bracket
- 1x Washer
- 1x Nut
- 1x 8mm Allen Bolt





1. Open the bonnet.



2. Remove 2X T30 to remove the headlight.



3. Step 1 continued and repeat on both sides.



4. There is also one plastic trim clip to remove on each side.



5. The headlight should now pop out of position with a firm lift.



6. Remember to unplug the headlight harness.



7. Step 6 continued.



8. Both headlight should now be removed from the car.



9. To take off the bumper start by removing 4x screws located along the leading edge of the arch liner.



10. Step 9 continued and repeat on the other side.



11. Using 10mm socket and extension remove 3x bolts inside the inner wing.



12. Step 11 continued.



13. Remove plastic clip from under front bumper, one per side.



14. Remove 2x plastic clips from slam panel cover.



15. Step 14 continued.



16. Remove 2x T30 screws also located on the slam panel.



17. Step 16 continued.



18. Unplug fog lights on both side of the front bumper.



19. The front bumper can now be removed.



20. Step 19 continued.



21. You can now remove the intercooler shroud by removing 5x 8mm bolts. 2x at the top and 3x located underneath.



22. Step 21 continued.



23. Step 21 continued.



24. Step 21 continued.



25. Remove clip from the shroud mounting bracket.



26. Remove 2x plastic screw clips from the plastic trim.



27. Step 26 continued.



28. Undo 2x jubilee clips on the OEM intercooler using 7mm socket.



29. Step 28 continued.



30. The OEM boost hoses can now be pulled off the intercooler.



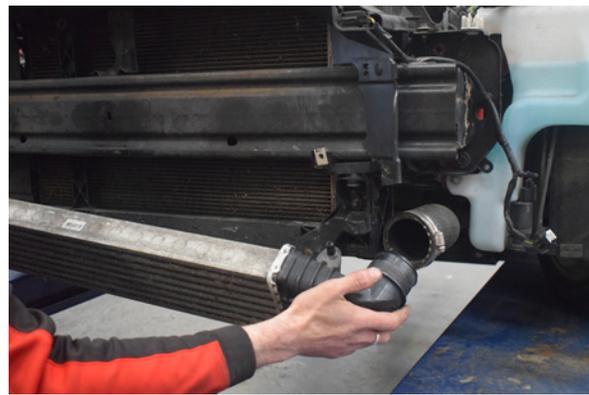
31. Step 30 continued.



32. From underneath, remove 2x 8mm bolts on the lower intercooler mounting points.



33. Step 32 continued.



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



35. Direnza MVT Intercooler vs OEM.



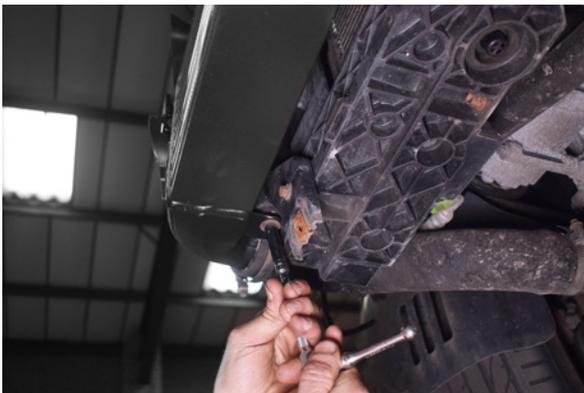
36. Locate the supplied intercooler bracket in the MVT kit.



37. Install the bracket onto the crash bar using the 4mm allen bolt, nut and washer.



38. Lift the MVT intercooler into position and secure to the mounting bracket using the supplied 13mm bolt.



39. Use original 8mm bolts to secure the intercooler from underneath.



40. Step 39 continued.



41. You can now fully tighten the 13mm bolt if you haven't already done so.



42. Install the intercooler hoses onto the MVT intercooler end tanks.



43. Tighten the OEM jubilee clips with 7mm socket.



44. Re insert lower shroud trim and install 5x 8mm bolts.



45. Step 44 continued.



46. The intercooler is now installed and the front of the car can now be rebuilt.



47. Lift the front bumper back into position.



48. Re-connect front fog lights.



49. Install 2x T30 screws into slam panel.



50. Install 2x plastic trim clips into slam panel.



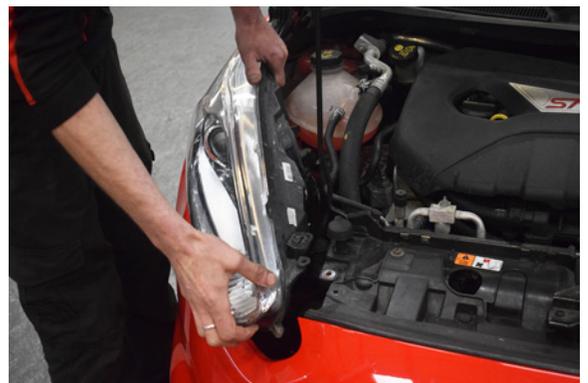
51. Install 3x 10mm inner wing bolts and repeat on the other side.



52. Re install 4x screws under inner wheel arch.



53. Plug in the headlight.



54. Manoeuvre the headlight back into position.



55. Secure headlight with 2x T30 screws.



56. Step 55 continued.



57. Fit the plastic screw trim clip.



58. Your MVT Intercooler is now installed.



You may also like...



Ford Focus MK7 ST180 Cold
Air Induction Kit.



Ford Focus MK7 ST180
Track Series Manifold.

THANKS FOR YOUR ORDER!

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