



DIRENZA
PROVEN PERFORMANCE

Ford Focus ST250 VORTEX Induction Installation Guide

The Direnza Ford Focus MK3 RS | ST250 Vortex Air Scoop is a high performance, after-market intake system. Offering increased airflow and performance over the stock setup. The extra air capacity provides the engine with more oxygen resulting in power gains and a great noise!

DISCLAIMER

- Allow the vehicle to cool completely prior to installation.
- We recommend that this product 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 NEEDED

- | | |
|------------------------|-----------------------|
| - T30 Torx | - 10mm Socket |
| - T20 Torx | - 8mm socket |
| - Trim Tool | - 13mm socket/spanner |
| - Flathead Screwdriver | - 4mm Allen Key |
| - Philips Screwdriver | |

1x Air Scoop
2x Bolts
2x Washers





1. Open the bonnet of your Ford Focus ST250.



2. Remove both front headlights by removing the 2x T30 screws per unit.



3. To remove the light, pull it forward and it will pop out of position.



4. Remember to disconnect the headlight unit plug.



5. Step 4 continued.



6. Remove the washer jet covers by pulling and rolling them from the bottom.



7. Remove the bonnet safety catch.



8. Remove the 4x plastic trim clips on the plastic slam panel cover.



9 Remove the 2x T30 screws at either end of the slam panel cover.



10. Remove the plastic diffuser lip from underneath the car by undoing 3x torx bits.



11. Step 10 continued.



12. Undo 8x screws on the fabric engine undertray and remove from the car.



13. Remove 6x plastic trim clips from underneath the front bumper.



14. Step 13 continued.



15. There are also 4x T30 screws (2 per side) on the outer edge of the front bumper under tray.



16. Step 15 continued.



17. Remove 1x T30 from the inner wheel arch. This needs to be done both sides.



18. Remove 3x T30 screws from the back section of the bumper under tray.



19. The bumper under tray can now be removed.



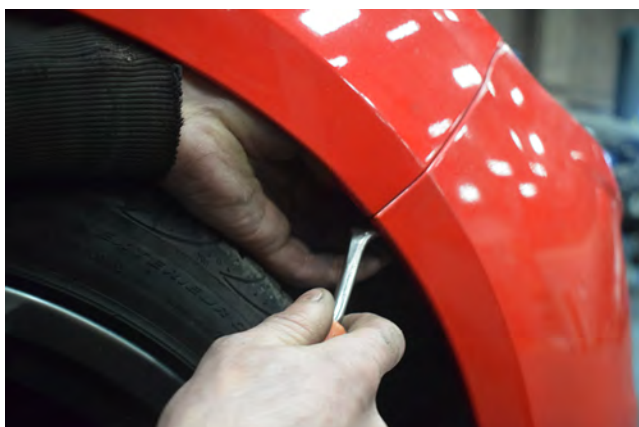
20. Pictured, all the undertray items you have just removed from the car.



21. Unplug front bumper wiring loom located on the passenger side of the car.



22. Remove T30 screw (1 per side) from higher up in the inner wheel arch.



23. There is also 1 trim clip per side that needs to be removed from the inner wheel arch. (Pictured at step 24).



24. Step 23 continued.



25. Lift and pull both edges of the front bumper to release from position.



26. Lift bumper release tabs.



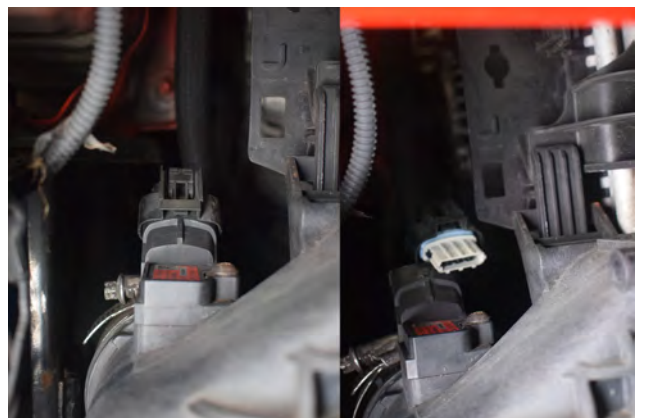
27. The front bumper can now be removed. Store in a safe location.



28. Undo jubilee clip securing the intercooler to the hot side pipework.



29. Undo jubilee clip securing the intercooler to the hot side pipework.



30. Unplug sensor located on the Cold side of the intercooler.



31. Undo 2x 8mm bolts securing the intercooler to the rad pack.



32. Lift and tilt the intercooler to remove from locating tabs and release from pipework.



33. Step 32 continued.



34. Undo 2x T30 screws and remove large ducting panel.



35. The top duct can be removed with a gentle pull.



36. Unplug flap control panel.



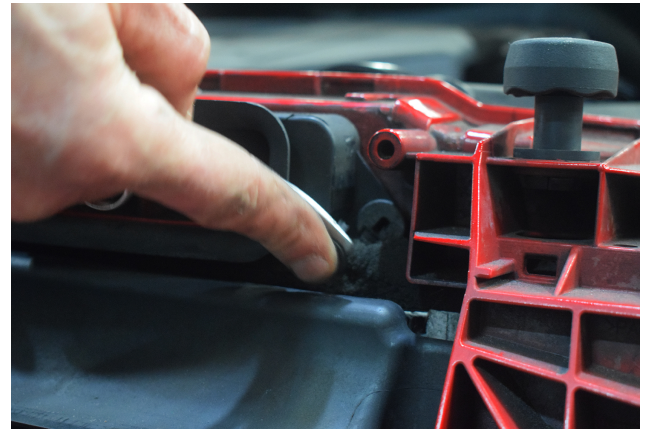
37. Remove the flap control panel by sliding and lifting out of position.



38. Step 37 continued.



39. Remove the small OEM air duct by removing the 2x plastic trim clips.



40. Step 39 continued.



41. Remove the duct.



42. You can now begin removing the Airbox.



43. Undo jubilee clip located near to the MAF sensor.



44. Unplug the MAF sensor.



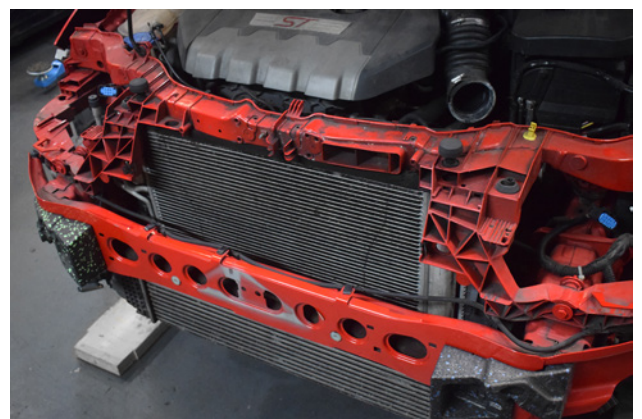
45. You are now able to remove the Air Box as a complete unit.



46. You can now remove the rear section of the air ducting



47. Step 46 continued.



48. You are now ready to install the Direnza Ford Focus MK3 VORTEX Air Scoop.



49. Place the Scoop into position onto the front of the car.



50. Using 2x bolts and washers secure the scoop to the front panel.



51. Step 50 continued.



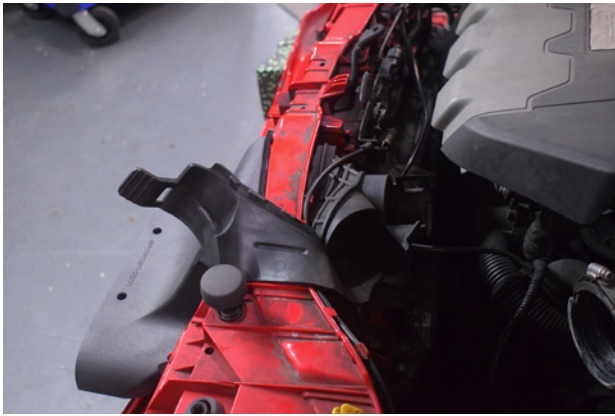
52. Step 50 continued.



53. The Vortex Scoop is now installed



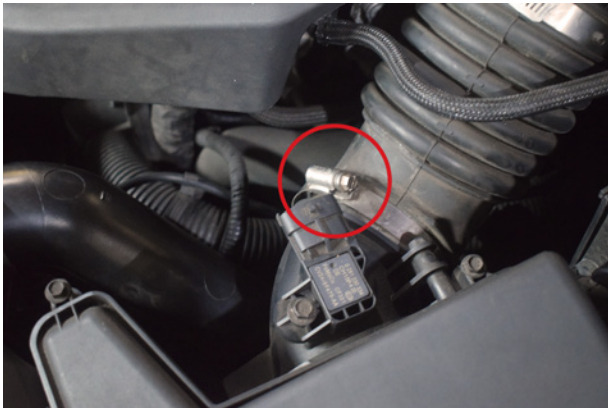
54. You can now re-install the OEM ducting behind the scoop.



55. Step 54 continued.



56. Place the Air Box back into position.



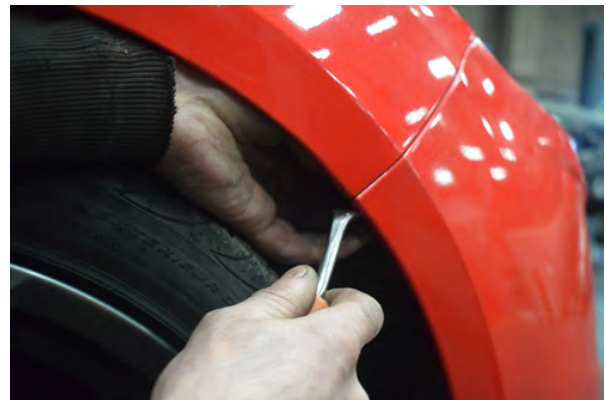
57. Tighten Jubilee Clip.



58. Plug the MAF sensor back in.



59. Re-fit the front bumper and push the sides into position. Re-install all associated hardware. **REMEMBER** to plug in front bumper wiring loom.



60. Re-fit plastic inner arch clips and T30 screws.



61. Install front bumper undertray and secure using original hardware.



62. Install lower inner arch T30 screw.



63. Install 4x T30 screws on the other edge of front bumper undertray (2 per side).



64. Push all plastic trim clips into the underside of the front bumper.



65. Fit engine undertray and secure using 8x screws.



66. Fit plastic diffuser lip using 3x Torx.



67. Install 4x plastic trim pieces on the slam panel and 2x T30 screws at each end.



68. Re-connect bonnet release.



69. Install washer jet covers.



70. Re-connect headlights to plugs.



71. Install the headlights, once seated in the correct position.



72. Secure the headlights using 2x T30 screws. Do this for both sides.



73. Your Vortex Air Scoop is now installed.



74. (Pictured - Ford Focus MK3 RS)

You may also like...



Ford Focus MK3 ST250
MVT Intercooler.



Ford Focus MK3 ST250
Cold Air Induction Kit.

THANKS FOR YOUR ORDER!

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