Ford Transit Custom Euro 6 Induction Kit Fitting Instructions

Tools needed:

- Ratchet and Socket Set
- T20 Torx
- Trim Removal Tool
- Flat-bladed Screwdriver
- 4mm Allen Key
- Side Cutters

Kit Includes:

- 1x Induction Shield base
- 1x Induction Shield side
- 2x Rubber Trims
- 1x Induction Pipe bracket
- 1x Induction Pipe
- 1x Silicone hose
- 2x CNC Push Fits
- 8x M6x16mm Button Head bolts
- 1x M6x20mm Button Head bolts
- 2x M6x16mm Hex Head bolts
- 2x M4x12mm Socket Head bolts
- 19x M6 Pan Washers
- 8x M6 Nyloc Nuts
- 2x P-Clips (35mm)
- 2x 80mm Jubilee clips

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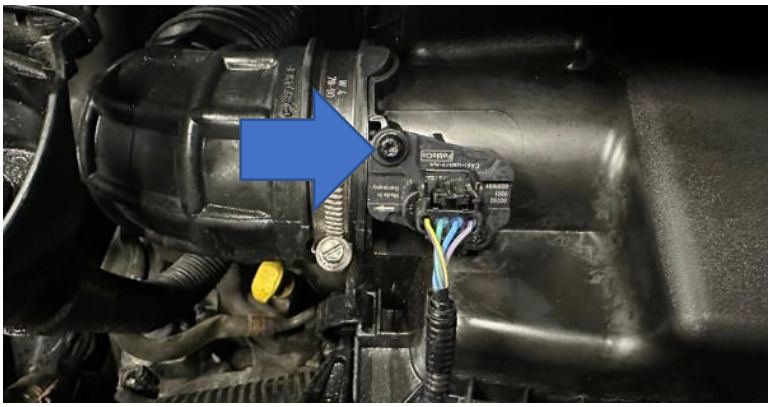
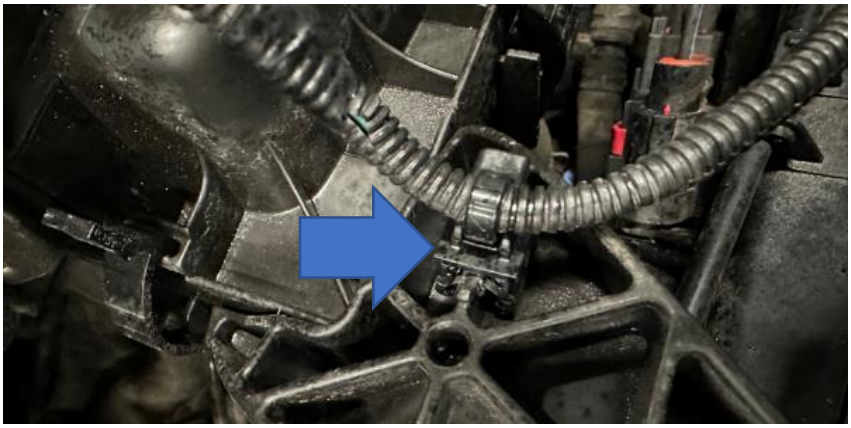
Instructions:

1. Start by removing the vacuum line on the right-hand side of the air box. To release the clip, squeeze the tabs and pull.


2. Unbolt the MAF sensor housing using a T20 Torx and then unplug the MAF sensor by squeezing the tabs and pulling it apart.




3. Now, use a trim removal tool to unclip the MAF cable and move it aside.



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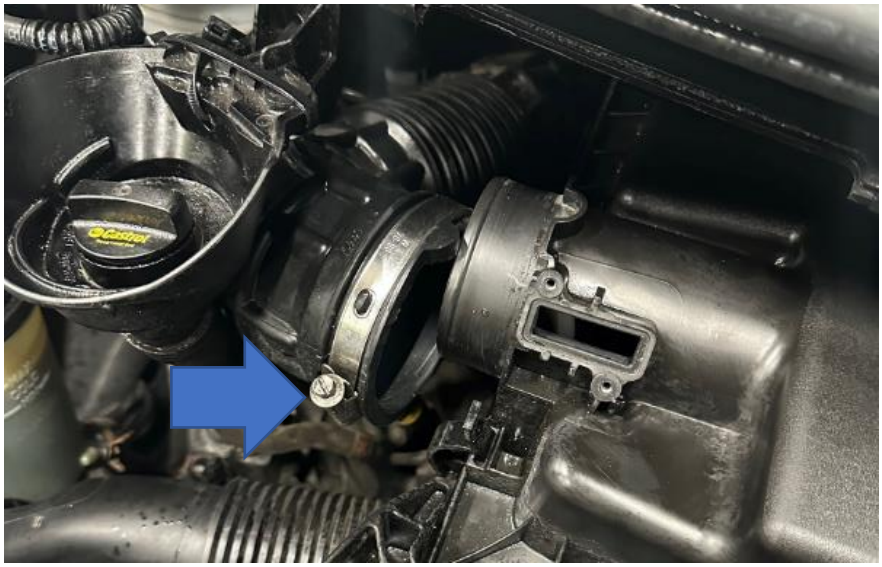
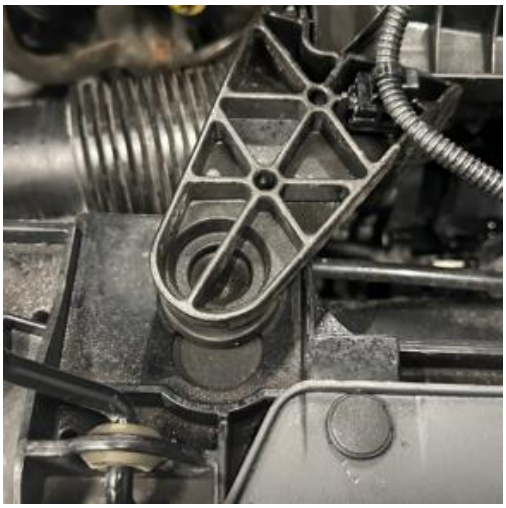
4. Use a flat-bladed screwdriver to undo the top jubilee clip and disconnect the hose from the air box.

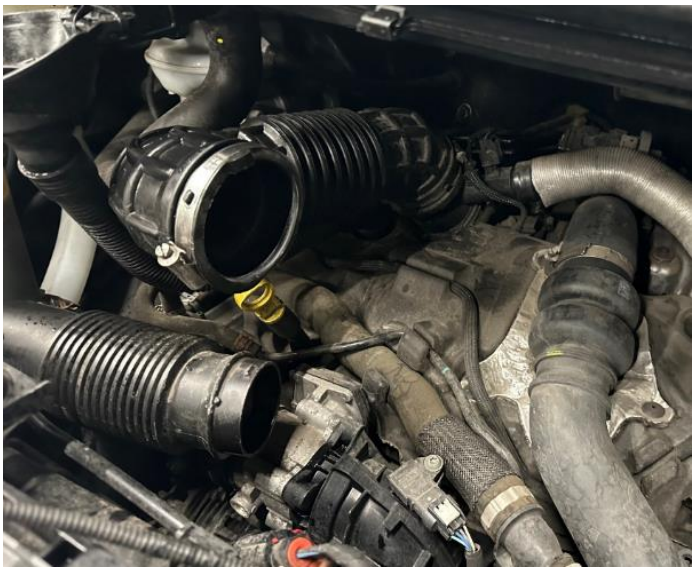


5. Pull up on the front corners of the original air box to release it from the rubbers at the front of the engine. If the rubbers come out with the air box then put them back into their holders as they are reused later.

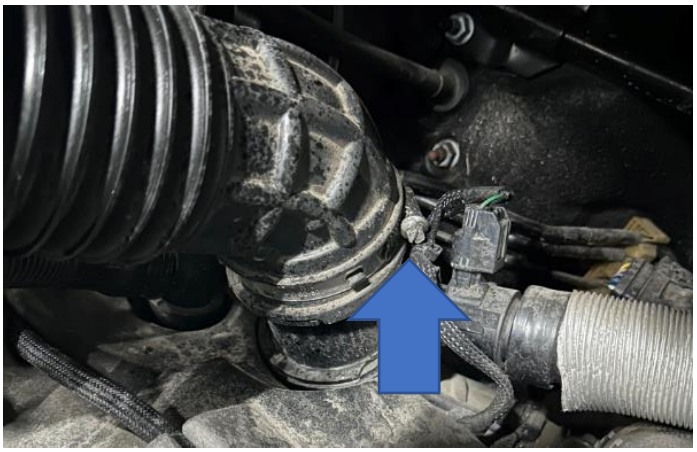


6. Remove the 10mm bolt on the right-hand side of the air box and then use a trim removal tool to unclip the wiring loom.

7. Remove the cold-air feed from the bottom of the air box by releasing the two tabs on the top and bottom of the pipe. When free from the air box it can be removed by lifting the front and pulling it away. It is clipped in place at the back and so some force may be needed to unclip it.



8. Undo the jubilee clip at the other end of the standard induction hose and remove it.



9. Install the supplied silicone joiner and jubilee clip to the top on the original pipe and tighten, as shown.

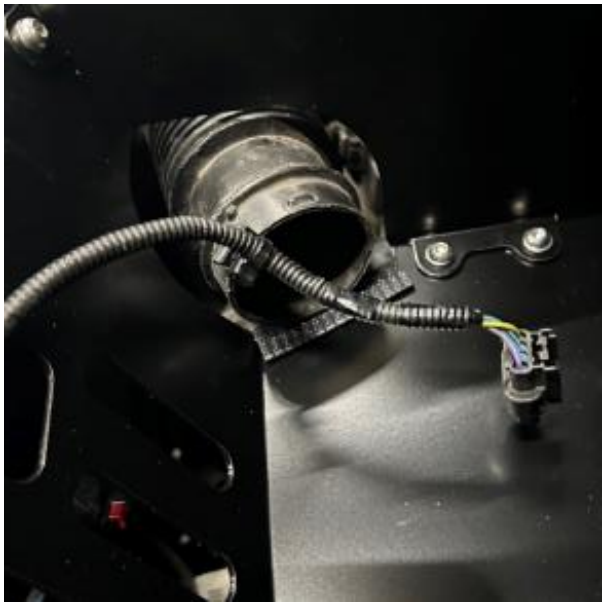
10. Assemble the new induction shield using the supplied M6x16mm Button Head bolts with Pan Washers and Nyloc nuts to attach the induction base and sides together at the same time.

11. Next, add the supplied rubber trim to the induction shield. Use the small trim at the rear where the pipe passes through and the large trim at the bottom to support the cold air feed, as shown.

12. Insert the CNC push fits into the rubber bushes, as shown.

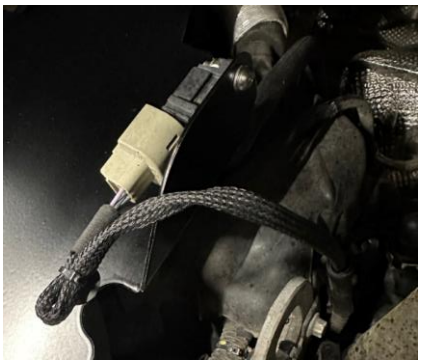
13. Carefully place the induction shield on top of the engine. Route the MAF sensor plug through the provided hole in the front of the induction shield, as shown.

14. The cold air feed now pushes through the hole on the left-hand side and rests on the rubber trim.

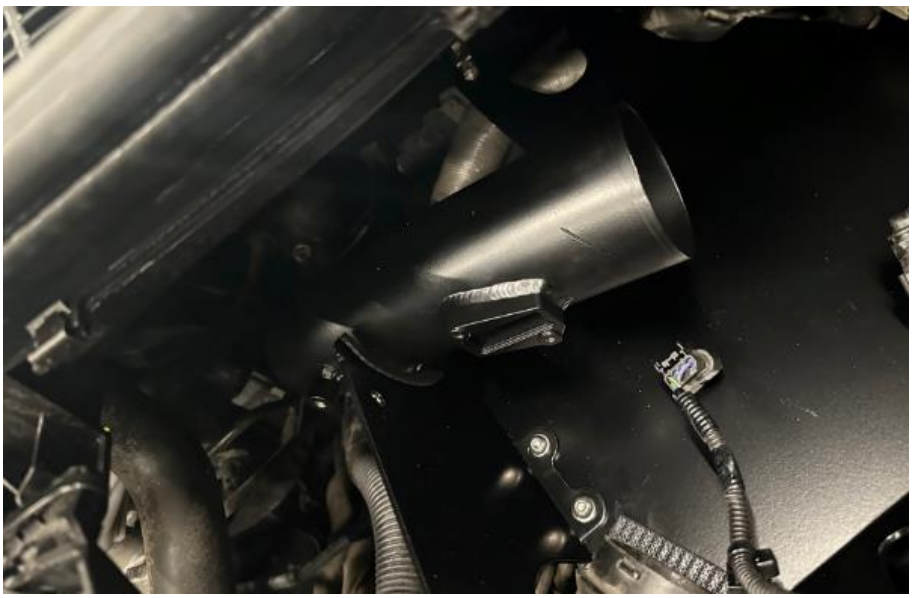


15. Install the 35mm P-clips around the bar at the back of the engine bay and attach to the induction shield using the supplied M6x16mm Hex Head bolts with washers and Nyloc nuts, as shown. Use the supplied M6x16mm Button Head bolts with Pan Washers to secure the front lip of the induction shield to the plastic fittings inside the rubber bushes, as shown.

16. Reattach the wiring plug removed in Step 6 using the supplied M6x20mm Button Head bolt, washer and Nyloc nut. Make sure the cable slots underneath, as shown.



17. Install the induction pipe into the silicone hose with a supplied jubilee clip. Reinstall the MAF sensor into the pipe and use the M4x12mm Socket Head bolts with a washer to secure. Reconnect the MAF sensor plug and using the original cable clip connect it to the induction shield, as shown.



18. Re-attach the vacuum line removed in Step 1, making sure it's fully seated.

19. Install the induction pipe bracket using the supplied M6x16mm Button Head bolt and Nyloc nut with to install to the shield first and then attach the bracket to the pipe using the other M6x16mm Button Head bolt. When happy with the position of the pipe fully tighten the bolts.

20. Install the filter ensuring the pipe is firmly seated inside the filter and then fully tighten the jubilee clip.

21. Finally, check everything is fully connected, tightened and secure.

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