

Installation instruction do88 performance intercooler pipes for Volvo S60 / V60 / XC60 / S90 / V90 / XC90 SPA platform

Part number: TR-260

This instruction shows how to replace the OEM intercooler pipes with do88 performance intercooler pipes.

At this type of installation we always recommend that you have mechanical experience and knowledge about safety during work on vehicles.



Parts included:

1. 1pc Turbo to intercooler pipe
2. 1pc Intercooler to throttle body pipe
3. 1pc Silicone hose Turbo outlet (this photo shows the Petrol version)
4. 1pc Silicone hose Intercooler inlet
5. 1pc Silicone hose Intercooler outlet
6. 1pc Silicone hose Throttle body
7. 8pcs hose clamps
8. 2-4pcs Henn connector adapters
9. 1pc M5x12mm hex flange screw
10. 3pcs M8x20mm hex flange screws
11. 2pcs 370mm stripe

This installation instruction are based on our installation performed on a Volvo V60 T6 MY -19. Other vehicles this product fit to might have some differences in the installation procedure.



1. Raise the front of the car and remove the front wheels.

2. Remove 10pcs Torx T30 and two plastic clips then remove the plastic shield under the engine.



3. In the lower edge of the bumper remove 3pcs plastic rivets. Press both the plastic tabs towards the middle and then gently pull it out in its collar.

4. Remove 6pcs Torx T30 screws.



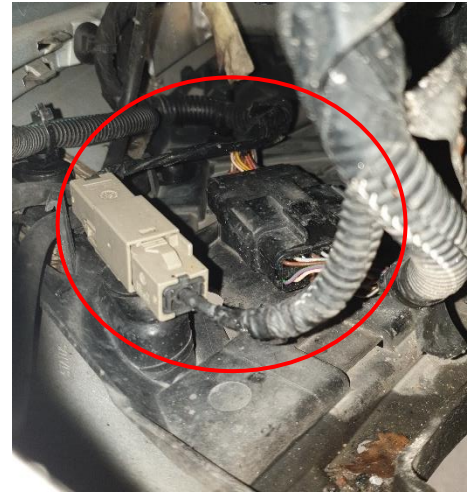
5. Remove 7pcs Torx T25 in each wheel arch.



7. Loosen the bottom plastic part just behind the bumper. If needed to remove completely to gain access it might be necessary to cut a few cable ties that holds cables on top of it.



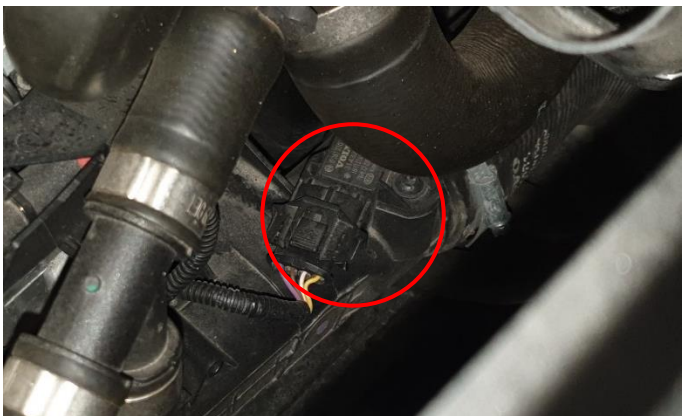
6. In the lower left corner of the bumper, separate the electrical connectors from the bottom plastic so they are loose from it.



8. Loosen the hose lock clip from throttle body by pushing hose towards throttle body and at the same time pry the lock clip to the same position as on the picture. Loosen the hose clamp in other end of hose.



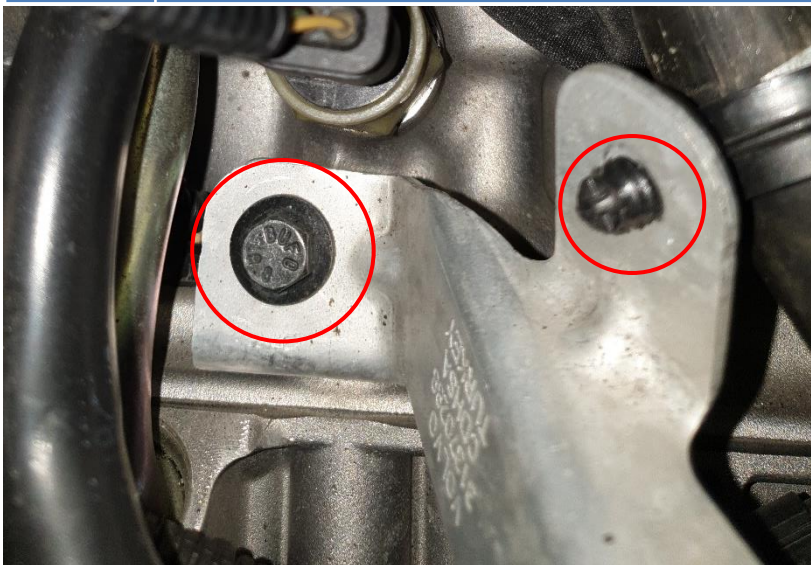
9. Disconnect cable from sensor on upper pipe and separate the coolant hose secured in the upper intercooler pipe bracket.



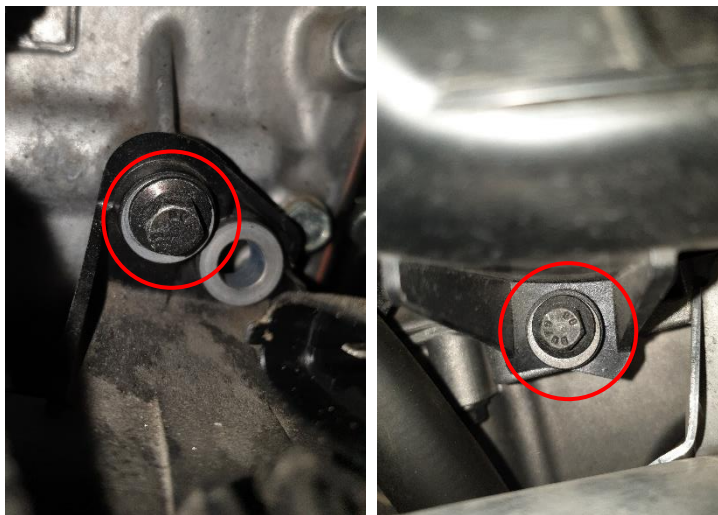
10. Loosen the hose clamps that holds the hoses to the lower intercooler pipe.

11. Loosen the hose clamp that holds the intercooler hose to the upper intercooler pipe.

12. Remove the coolant hose secured in the lower intercooler pipe bracket. Then remove 3pcs 10mm hex head screws that holds the lower intercooler pipe.



- 13.** Loosen 2 pcs 10mm hex head screws that holds the upper pipe.



- 14.** With both pipes loose, now remove the upper pipe from the hoses to make space for removal of lower pipe.

Then remove the lower intercooler pipe from its hoses and jiggle it out downwards.

Remove the upper intercooler pipe downwards.

Remove the throttle body hose.

- 15.** From both intercooler connections and turbo outlet, remove clips the way described in step 8 and then remove these three hoses.



- 16.** Remove Torx T30 screw that holds sensor to upper OEM intercooler pipe. Remove the sensor from lower intercooler pipe.



17. Install sensor in do88 intercooler pipe and secure with supplied M5x12 Flange screw



18. Determine which machined Henn connector adapters are included in your pipe kit (2-4pcs) then select the matching size OEM hose for each adapter and move the sealing and lock clips from that to the included connectors according to following steps.

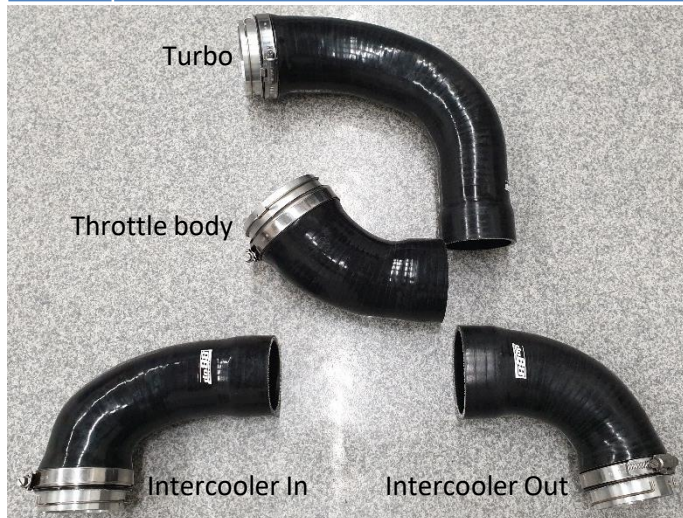
19. Remove lock clips by putting it in unlocked position then carefully from pry the plastic lock part upwards from the inside with a small screwdriver.
Remove plastic part and lock clips.
Remove the sealing ring.



20. Install the sealing ring and lock clips in the included Henn connector adapters. Make sure the sealing ring is installed in the same direction as it was in the OEM hose.



- 21.** Install the included Henn connector adapters in the appropriate hose ends and secure with hose clamps.



- 22.** Install hoses on intercooler, Turbo and throttle body.

- 23.** Install upper intercooler pipe in hoses and fasten it using 2pcs included M8x20 hex head screws. Install hose clamps and tighten them.

- 24.** Install lower intercooler pipe in hoses and fasten it using 1pc included M8x20 hex flange screw in the front bracket and the previously removed OEM screw in the rear bracket. Install hose clamps and tighten them.

- 25.** Secure the two coolant hoses in the pipe brackets with the included cable ties. Do not tighten too hard as it may deform the hose and restrict flow.

- 26.** Install all other parts in reverse order.