

Installation instruction do88 performance intake pipe Volvo S60/V60/XC60 T6

Part number: IR-120

This instruction shows how to replace the OEM turbo intake pipe with do88 performance intake pipe.

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

Parts included:

1. Intake pipe
2. Engine cover (Carbon fiber or Plastic)
3. Turbo inlet silicone hose
4. Air box silicone hose
5. Crankcase ventilation hose
6. Vacuum hose
7. Hose clamps 6pcs
8. Cable tie
9. Cable tie bracket
10. Fork brackets 2pcs
11. Bushings 2 pcs
12. Rubber washers 10pcs
13. Screws M6x20 4pcs
14. Washers M6 4pcs
15. Thread locking fluid



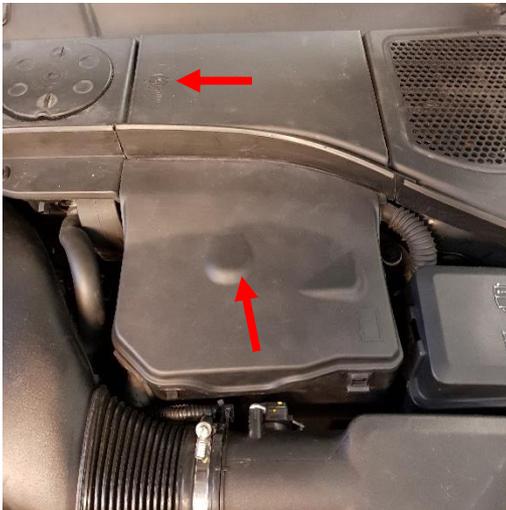
1. Remove the engine cover (pull up) and the hood sealing.



2. Remove the windshield wiper arms. Pry away the plastic cover and loosen 2x Hex 15mm nuts.



3. Remove the two plastic covers over the battery.



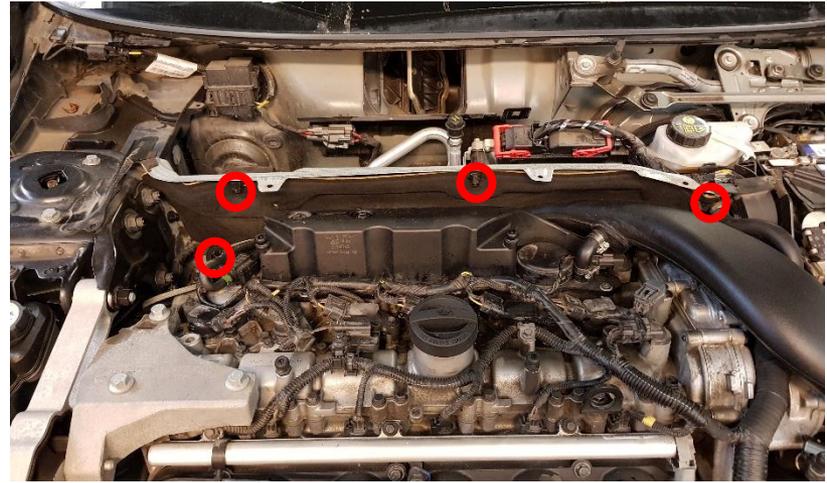
4. Remove the plastic covers according to photo.



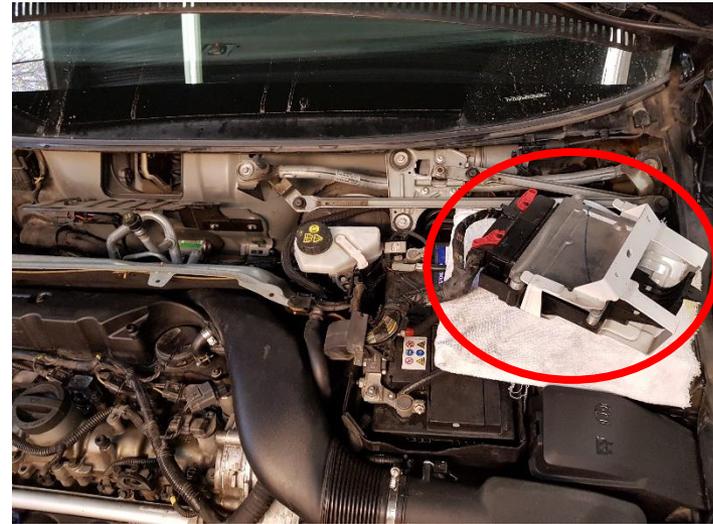
5. Remove six plastic clips and then remove the plastic cover underneath the windshield.



6. Remove 4x Hex 10mm plastic nuts for the firewall insulation.



7. Remove 2x Hex 10mm nuts for the ECU bracket. Then gently lift out the ECU with the cable connection and place it securely on something insulation.



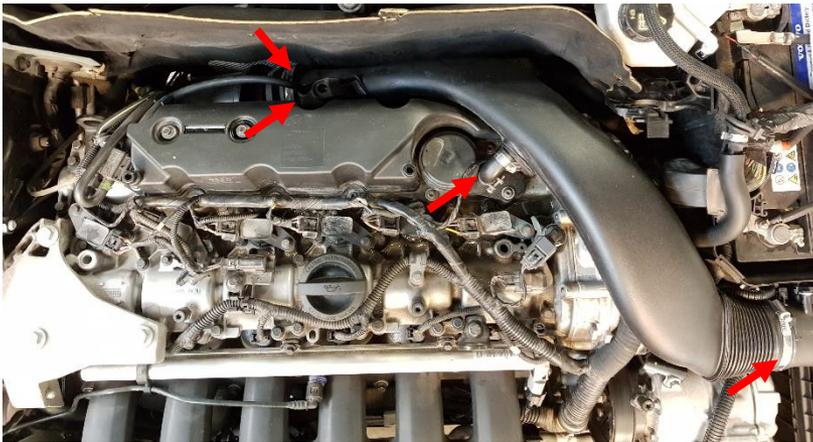
8. Gently pull out the brake vacuum line from its groove. To make some extra space to reach the screws in next step.



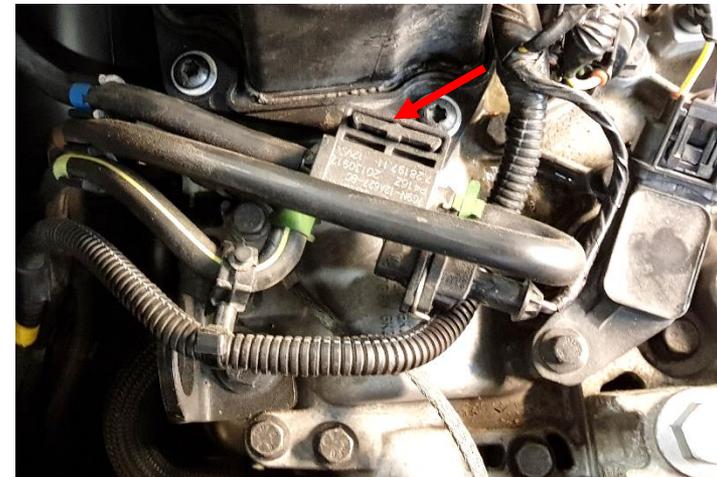
9. Remove 5x Hex 8mm screws for the firewall steel cover.



10. Remove the top section of the inlet pipe. Disconnect 4x hose clamps, vacuum line and breather hose. Gently lift pipe out of its two brackets.



11. Lift the solenoid out of its bracket. And release the vacuum lines from its bracket on the lower section of the inlet pipe.



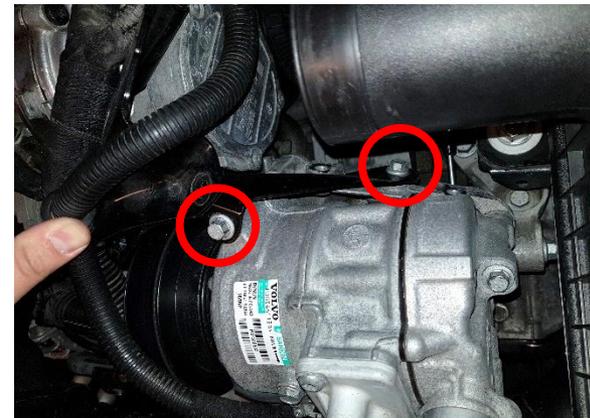
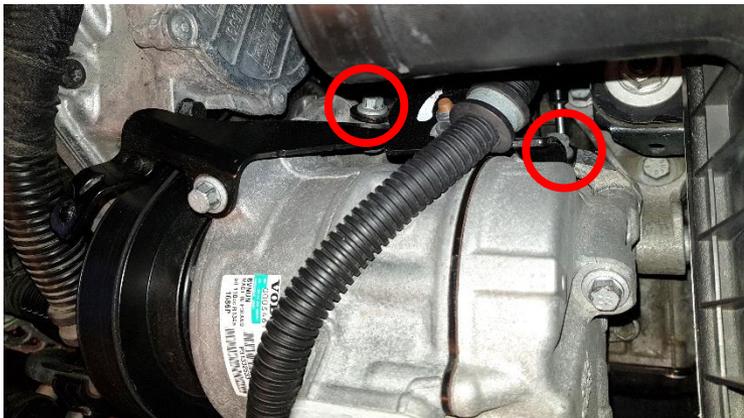
- 12.** Remove the lower section of the inlet pipe. First you need to loosen the hose clamp. It might be easiest from underneath the car.



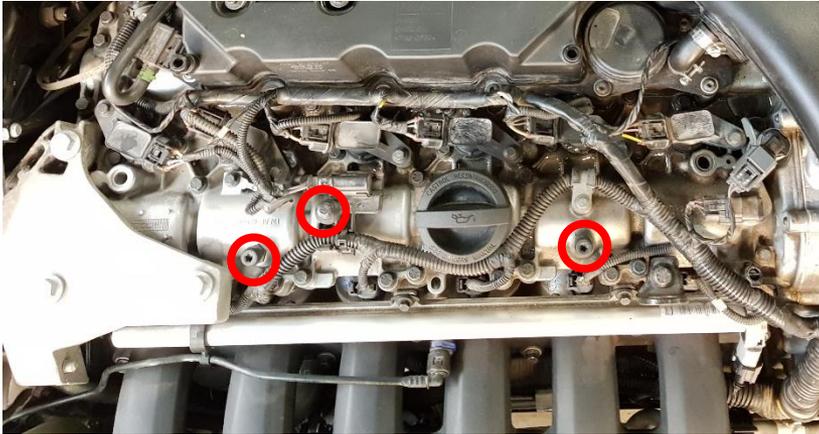
- 13.** Remove both engine lifting eyes. 2x Hex 13mm. Save these if you want to go back to stock at some point. Reinstall the screw closest to the firewall now. The other screw will be used when do88 inlet pipe is installed.



- 14.** Remove 2x Hex 10mm screws according to photo then lift the bracket to the side. Then remove the screw hidden underneath the first bracket and the other screw shown on photo. Now remove this bracket save it if you want to go back to stock at some point. Reinstall all four screws.



15. Remove the two brackets for the OEM engine cover 2x Torx T40. Save these if you want to go back to stock at some point. Also remove 1x Hex 8mm screw marked on the photo.



16. Install the do88 turbo inlet hose , don't tighten the clamp yet.



17. Replace the hose between solenoid and inlet pipe with the included vacuum line. Fasten the solenoid to the marked T30 Torx screw using the included cable-tie and 90deg bracket.



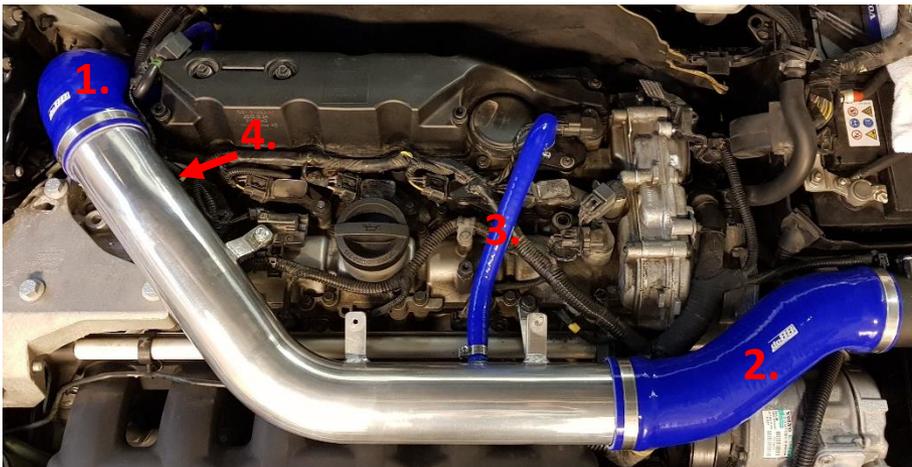
18. Install the do88 inlet pipe with the included M6x20 screw and the lifting eye screw removed in step 13.



19. Check that pipe has clearance between ignition coil connector and also between pipe and the edge of the engine bracket. If you have any interference you will need to gently adjust the bracket(s). Minor deviations may occur since pipe is hand built.



20. Install all four silicone hoses with the included hose clamps:
1. Tighten clamp at turbo inlet and joint between pipe and turbo inlet hose
 2. Install hose between pipe and air filter box
 3. Install breather hose
 4. Connect vacuum hose between solenoid and brass connection in the bottom of the pipe



21.

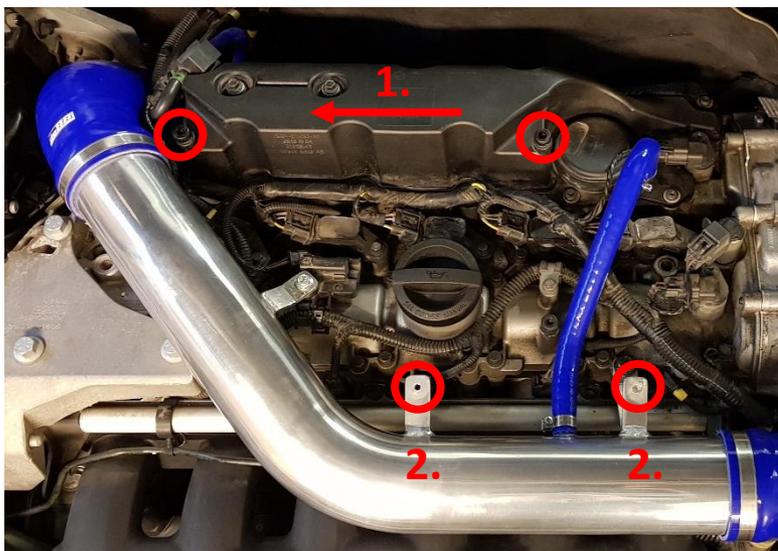
Prepare engine cover for installation:

1. Install parts in this order: M6x20 screw – Washer – Rubber Washer * Engine cover * Rubber Washer – Bushing – Fork Please note the rotation of the fork. Use the included thread locking fluid on the screws. Do not overtighten the screws it might damage the engine cover!
2. Install parts in this order: M6x20 screw – Washer – Rubber Washer * Engine cover * 2x Rubber Washer



- 22.** Install the engine cover:
1. Slide the carbon fiber brackets (forks) onto the bracket marked on the photo from right to left.
 2. Then tighten the two lower screws in the pipe brackets
(Do not overtighten the screws it might damage the carbon fiber!).

You may need to adjust the rotation of the fork brackets to center the carbon fiber over the oil cap.



- 23.** Reinstall all other parts in reverse order.