

Installation instruction do88 intercooler pipe for Volvo C30/C70/S40/V50 5-cyl petrol Turbo

This instruction shows how to replace the OEM intercooler pipe with do88 performance intercooler 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. Intercooler pipe 1pc
 2. Hose intercooler-TB 1pc
 3. Hose turbocharger-pipe 1pc
 4. Hose pipe-intercooler 1pc
 5. Hose clamps 40-60mm 1pc, 50-70mm 2pc, 60-80mm 3pc
- Not on picture: Washer 7x18mm 1pc

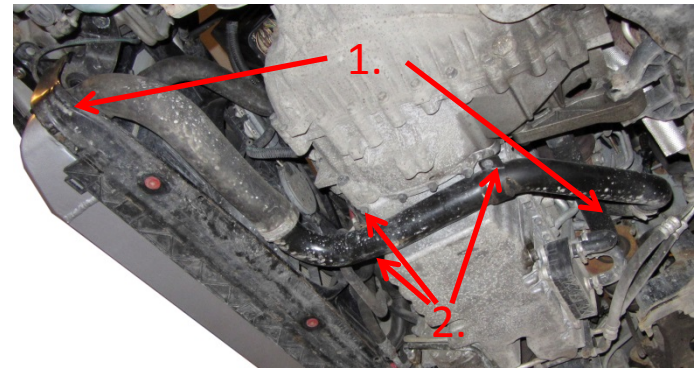


Part number: TR-V50

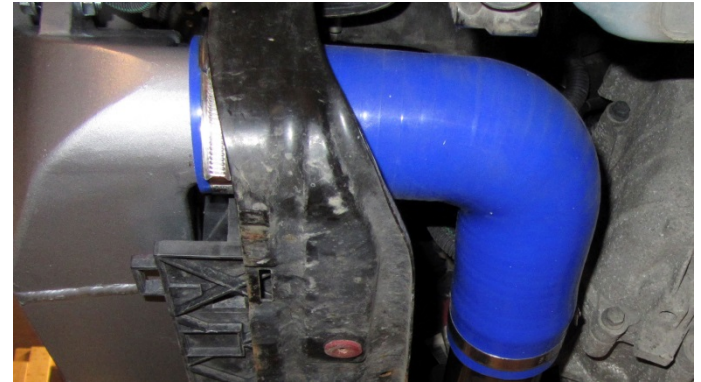
1. Remove the rear large plastic protection plate by removing the 7 screws.
Remove the smaller front plastic protection plate by loosen the 3 screws that attach it to bumper. Pry the two plastic hooks that attach it to the radiator frame and loosen it from the grooves. Pull lower part of bumper forward until the rear end of the plastic protection comes loose and can be folded down and pulled out from bumper rearwards.

2. Loosen the hose clamps on turbo outlet and intercooler inlet (1.).
Remove the 3 screws that attaches the intercooler pipe to the engine (2.) and the remove the pipe and hoses from the car.

3. Install the hose turbocharger-pipe on the turbocharger outlet with 1pc hose clamp 40-60mm on the small diameter side according to picture. Do not tighten the hose clamp.



4. Install one hose clamp 50-70mm on the smaller diameter side of hose pipe-intercooler. Install the smaller diameter end of the hose on the intercooler inlet without tightening the clamp.



5. Install one hose clamp 60-80mm on each of the open ends of the previously installed hoses. Insert the intercooler pipe in the hose installed on intercooler and then in the hose on the turbocharger. Fasten the pipe to the engine by loosely installing the OEM screw (1.) in the intercooler pipe bracket (this bracket might need to be angled a bit to sit straight to the surface).



6. Push the pipe upwards in the front end until the bracket are positioned in front of the screw hole according to picture. Fasten the pipe with the OEM screw from this position and the included 7x18mm flat washer.

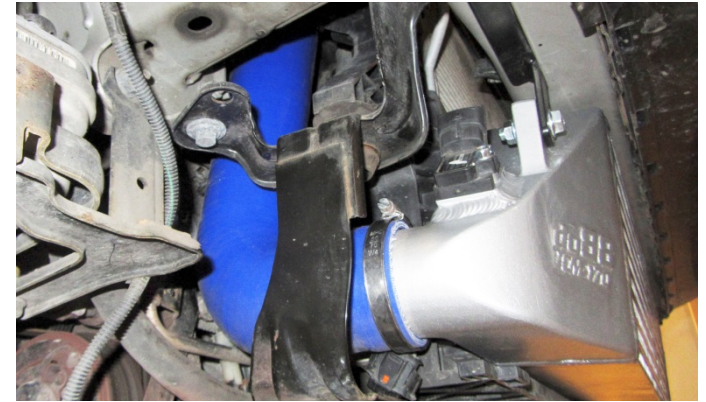
Tighten both screws that attaches pipe to engine.

Make sure both hoses are in correct position and tighten all 4 hose clamps.



7. Remove the OEM hose between intercooler and throttle body by loosen both hose clamps, pull it off the connections and remove hose from car up or downwards.

Install the included hose intercooler-TB with hose clamp 50-70mm on the intercooler side and hose clamps 60-80mm on the throttle body side.



8. Reinstall the front and rear plastic protection plate in reverse order.