

# Installation instruction TR-X70, Intercooler pipe for Volvo V70/S60

## 01-07

Parts included in kit:

1. Upper intercooler pipe
2. Lower intercooler pipe
3. Hoses turbo - pipe
4. Hose pipe - intercooler
5. Hose intercooler - pipe
6. Hose pipe – throttle body
7. Hose clamps 4pcs 60-80
8. Installation parts for sensors, only for cars with sensors on lower pipe.



## Installation:

NOTE! This is only a guide with tips on how to install this pipe kit. A person who installs it must have basic knowledge in mechanics.

Remove the negative battery terminal before installation!

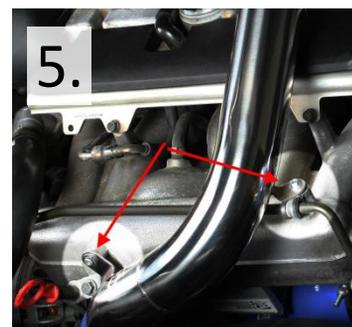
### Lower intercooler pipe (Intercooler to throttle body)

1. Remove oem intercooler pipe from car, (see pic. 2.). Keep the hose clamps positioned towards intercooler and throttle body as they will be reused.
2. Install throttle body hose (nr 6) on throttle body with oem hose clamp, position clamp according to picture 3. Tighten loosely, you have to be able to adjust the hose.
3. Install hose (nr 5) on intercooler outlet with oem hose clamp. Tighten loosely, you have to be able to adjust the hose.
4. Install hose clamps (nr 7, 2pcs) on hose ends.
5. Install the lower intercooler pipe (nr 2) in the hoses, adjust hose angles so they fit their connections and the pipe. On cars with vacuum hose connection on lower pipe, remove protective cap and clamp from 10mm connection.
6. Tighten all hose clamps.
7. For cars with sensors on lower pressure pipe see sensor instruction on next page.



## Upper intercooler pipe (Turbocharger to Intercooler)

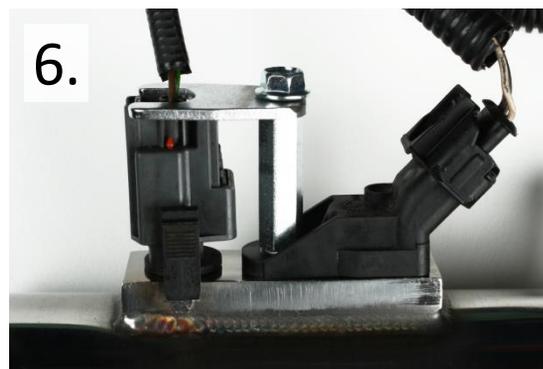
1. Remove oem pipe from car, (see pic. 4.). Keep oem hose clamps installed at turbocharger and intercooler connections as they will be reused.
2. Install **one** of the hoses with number 3 on turbocharger with oem hose clamp. Tighten loosely, you have to be able to adjust the hose. Which hose you have to use depends on which turbocharger your car are equipped with. If turbocharger have a short straight connection use the longer elbow hose. If turbocharger have a app. 10cm long angled connection use the short hose.
3. Install hose (nr 4) on intercooler inlet with oem hose clamp. Tighten loosely, you have to be able to adjust the hose.
4. Install hose clamps (nr7, 2pcs) on hose ends.
5. Install upper intercooler pipe (nr 1) in the hoses, adjust hoses and pipe to fit the attachment points on intake manifold.
6. Install pipe to intake manifold with both screws (see pic. 5.) If the holes does not match screw holes it might be necessary to grind the holes on one or both pipe brackets.
7. Make sure hoses fit pipe and connections and torque all hose clamps.



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## Sensor installation instruction. (not for all models)

1. Remove sensors from oem pipe.
2. Install sensors in new pipe installed on car. Use appropriate grease on sensor o-rings. Connect sensor cables.
3. Install distance screw (nr 3) with lock washer (nr 5), use thread locker (nr 1) on screw threads.
4. Install sensor locking plate (nr 4) on top of sensor connector housing with the flange screw (nr 2) (see pic. 6.). Use thread locker on screw thread.



Connect negative battery terminal.

# Finished!