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Volvo C30/C70/S40/V50 Performance fresh air intake pipe kit

Installation Instructions.

Equipment/tools needed:	Included in Kit:
Metric socket set with 1/8" and 1/4" drive ratchets Mirror 7mm socket 10mm socket WD-40 or soapy lubricant will aid in the positioning of pipes and silicone. Without lubricant it will be difficult to position the parts for correct assembly.	(1) 3" Aluminum turbo inlet pipe (2) silicone connectors (4) ABA 316 stainless steel marine grade clamps (1) 8mm silicone cap (1) 6 x 20mm Black oxide flange bolt (1) Black oxide 5/16" flat washer

REMOVAL

1. Loosen the clamp on the outlet of the Air mass meter (MAF) and remove that side of the factory pipe from the MAF. (7mm socket for the clamp)
2. Remove tow hex head screw that secure the pipe to the motor
3. Disconnect the vacuum line from the back of the pipe. There is a blue clip that gets pulled out to release the connector from the pipe.
4. Using a mirror find the clamp that holds the rubber hose on the resonator onto the turbo inlet. Clearance is tight in that area so be patient and use the mirror to get the 7mm socket onto the head of the clamp. Loosen the clamp enough so that you can remove the hose from the turbo inlet.
5. Remove the factory inlet pipe from the engine bay.

INSTALLATION

1. Install the angled silicone hose. You may need to bend the coolant pipe that runs next to the turbo inlet slightly to get the silicone and clamp on. Do not tighten clamp have the silicone pointing toward the front drivers side of the engine. Next attach the straight silicone coupler to the Snabb turbo inlet pipe, keeping clamps loose.
2. Install the turbo side of the inlet pipe into the silicone and the other side onto the MAF rotate the silicone hoses to get everything roughly aligned.
3. Remove the 10mm bolt that is below the angled bracket on the intake pipe. Then attach the intake pipe to the motor with that factory bolt.
4. Do the final adjustment to the silicone and tighten down all the clamps.
5. Reattach the vacuum line(s) and cap off the extra barb with included 8mm cap if needed.

That's it! Enjoy and we hope that you're happy with your purchase