



## AVO Silicone Inlet Pipe

### Installation Guide

PN# S2A00G41BBLUA [blue]

PN# S2A00G41BBLKA [black]

PN# S2A00G41BREDA [red]

### Applied Models:

2002-07 WRX

2002-07 WRX STI

2003-08 Forester XT



You are now the proud owner of a highly tested and proven AVOTurboworld upgrade kit. While you have made a wise choice in selecting this upgrade kit, below we have some suggestions and procedures for you to follow in ensuring its successful installation.

### Supplied parts

		
1 x Inlet hose	1 x 40/60 Clamp	1 x 70/60 Clamp

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### Tools Required

Metric Spanner Set

Screwdriver Set

Metric Socket Set

**Note:** Check kitting list before starting the install.

### A) Orientation

Before grabbing a bunch of spanners and attacking your car take a moment to

#### **STOP AND THINK**

Read these supplied installation instructions thoroughly from start to finish – do you understand all of the mechanical operations required? Are you sure that you can adequately complete all of the mechanical operations required? Do you understand all of the terminology used in this installation manual? Your installation skills will have a big effect on whether or not your new AVO Turboworld Inlet Pipe will perform to its full potential.

## Installation

There should be a visual check over the vehicles condition and note any possible faults.

### **ALLOW THE VEHICLE TO COOL DOWN BEFORE STARTING WORK.**



Remove the air box lid and rubber hoses going to the intake pipe.



Notice that the power steering hose is in the way. You will need to unbolt the 17mm banjo fitting on the power steering pump and lift the gold pipe up out of the way.



Remove the 12 mm bolt that mounts the intake pipe to the inlet manifold.



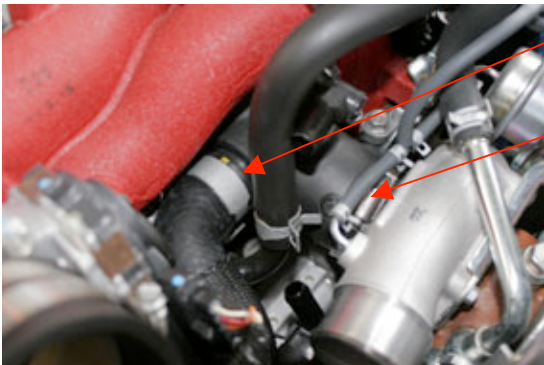
Lift the wiring loom up to allow easy removal of the intake pipe.



Remove the intercooler. Unbolt the two 12mm bolts on either side of the TMIC. Loosen the clamp on the throttle body/TMIC hose. Loosen the clamps on the TMIC hoses underneath the TMIC.

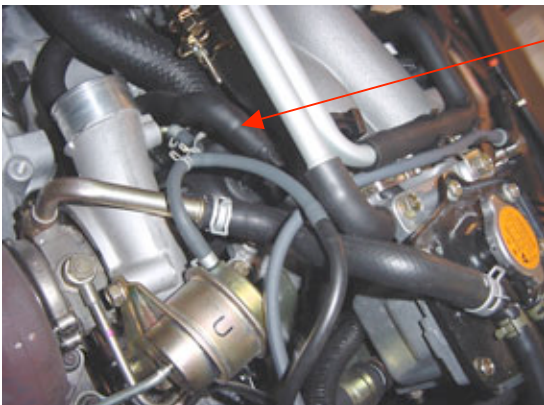


Remove the blow off valve return hose.



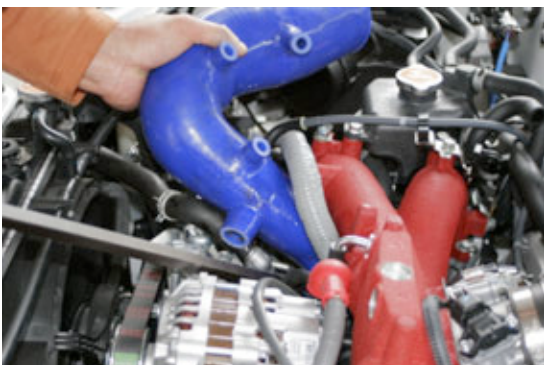
Remove the **CRANK CASE BREATHER HOSE**.

Loosen the hose clamp on the turbo compressor inlet.



You will need to break the plastic fitting on the intake pipe, this will enable you to remove the intake pipe under the inlet manifold. By pulling on the intake pipe towards the front of the car it can be removed this way

NOTE: If you do not want to break the fitting on the factory intake pipe, then the only way to remove this pipe is to remove the inlet manifold from the engine.



**FITTING OF THE AVO INTAKE PIPE**

A Similar procedure is followed but in reverse

The AVO TURBOWORLD LARGE Intake pipe is a direct replacement pipe with some small modifications.





We have relocated the crank case breather hose from in front of the turbo to near the air box to allow easy fitting of the AVO pipe.  
We supply a black hose, which goes from the CRANK **CASE BREATHER** to the fitting shown on the AVO Large inlet pipe.  
When fitting the AVO Intake pipe under the inlet manifold, it is a tight fit so care should be taken.



All remaining fitting and hoses fit back in the original factory positions

Fit factory air box lid and intercooler and make sure that all fittings and hose clamps are tightened up.

