

[034Motorsport X34 Full Open Box Intake System, 8V RS3,
8S TTRS](#)

**034** MOTOR SPORT

034Motorsport's X34 Full Intake System for the 8V.5 RS3 and 8S TTRS is the new standard in performance. This system was engineered with performance and great looks in mind. Providing horsepower and torque gains throughout the powerband, while improving aesthetics in the engine bay, with OEM+ fit and finish. Manufactured from carbon fiber; for strength, light weight, and long lasting great looks.

Installation Spiciness Rating



(Mild)

Installation of your 034Motorsport X34 Full Intake System is a straightforward process that will take approximately 1 hour to complete.

Supplied Parts:

- 034Motorsport X34 Carbon Fiber Intake Air Duct
- 034Motorsport X34 Carbon Fiber Lower Air Box
- 034Motorsport Carbon Fiber Airbox
- 034Motorsport Carbon Fiber Inlet Pipe
- 034Motorsport 4" Inlet Conical Air Filter
- Heat Shield (bracket, shield, (4) M6 button head cap screws)
- Silicone Coupler & (2) Hose Clamps
- (8) M4 Socket Head Cap Screws and Washers

Tools Needed:

- T25 & T30 Torx Bits
- 3mm hex wrench
- 4mm hex wrench
- 7mm socket
- 8mm socket
- Pliers, or spring clamp pliers
- (2) hands, with most of the fingers

About This Guide

This Install Guide documents the installation process of the open airbox version, on a 2018 Audi TTRS and RS3. There may be minor differences depending on specific vehicle, market, options, etc. Installation is identical for the closed box version.

Getting Started

- Ensure you have all parts and tools required for installation by reading the complete Install Guide.

Step 1

Open the hood and remove the engine cover.



Step 2

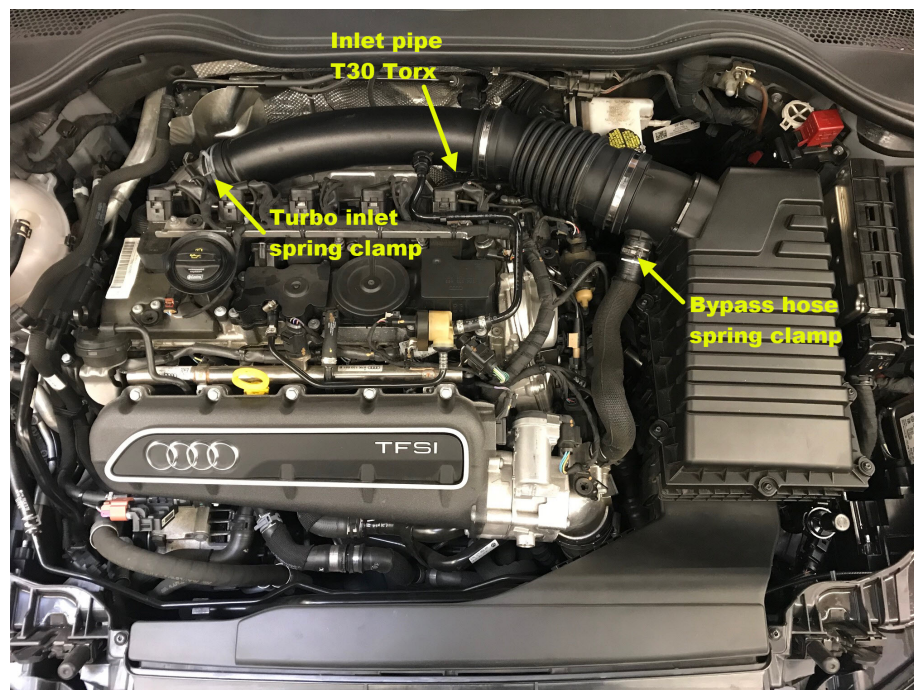
Using a pair of pliers (or better yet, spring clamp pliers), loosen the spring clamps on the bypass hose and disconnect hose from OE intake.

Step 3

Using the same set of pliers, loosen the spring clamp at the turbo inlet and slide the clamp up the inlet pipe and off the coupler.

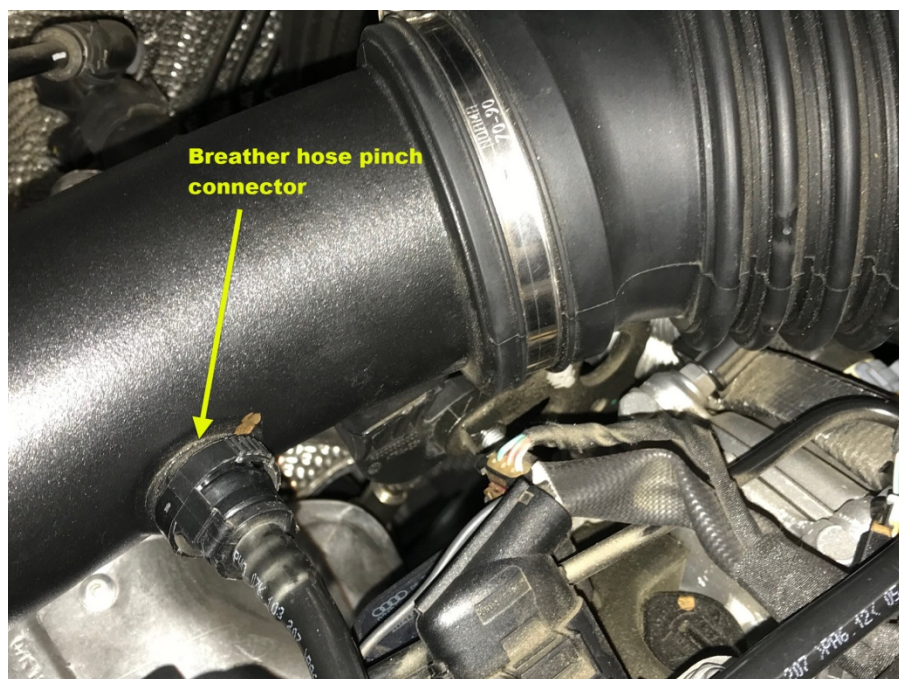
Step 4

Using the T30 Torx bit, remove the bolt securing the inlet pipe to the bracket above the exhaust manifold. This is accessible from the back, under the inlet pipe. Save bolt for heat shield installation.



Step 5

Disconnect the breather hose by pinching the connector and pulling it out of the inlet pipe.



Step 6

Unclip DSG vent from lower air box.

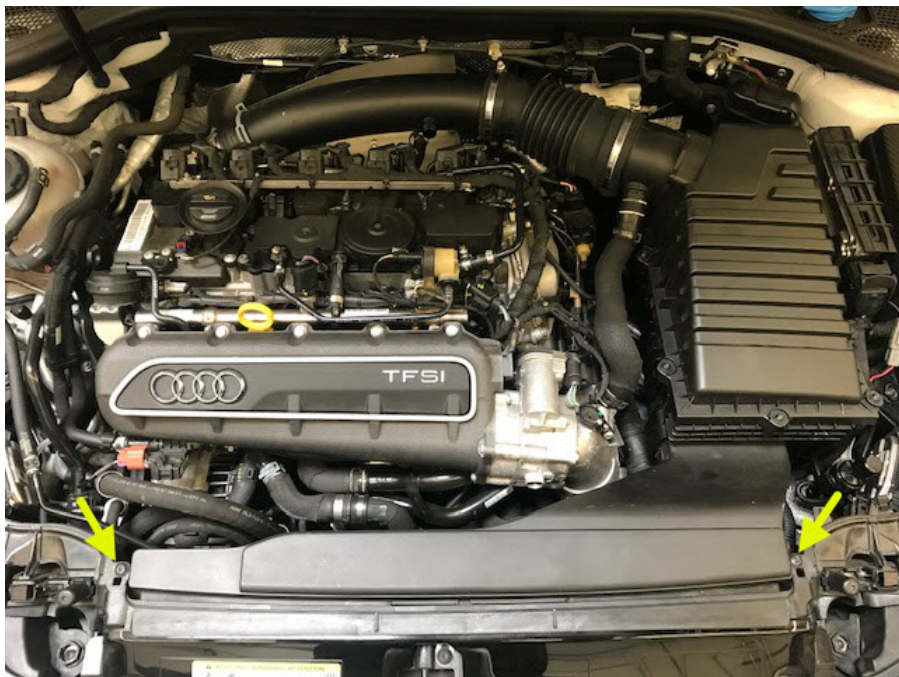
The metal clip can be removed from the plastic mount (it will not be re-used).

Be careful not to break the plastic stud.



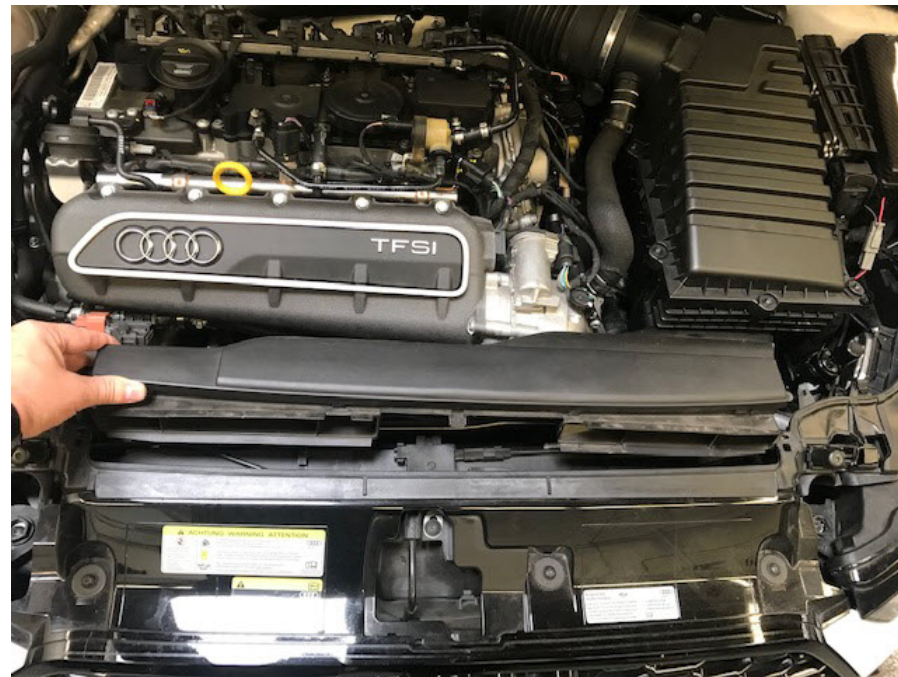
Step 7

Remove the two T25 Torx screws securing the ends of the inlet air duct.



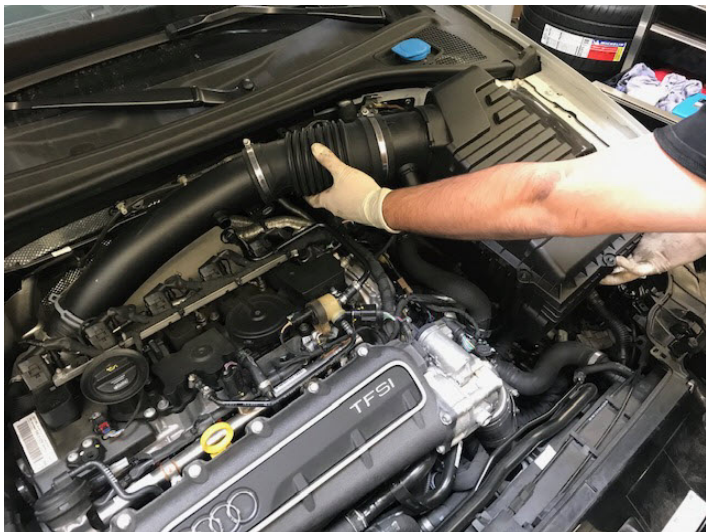
Step 8

Move duct back, and then up, to remove.



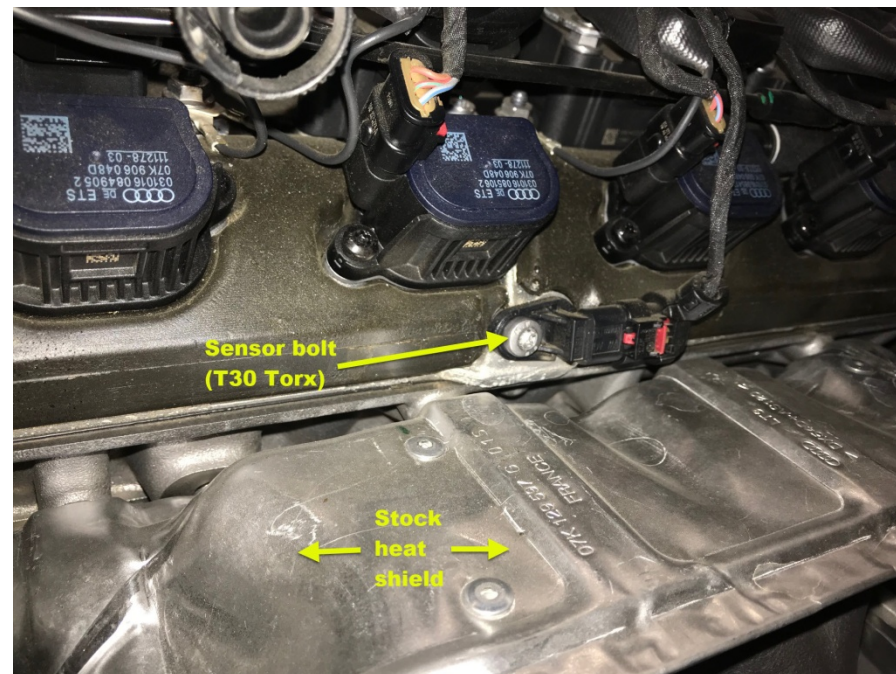
Step 9

The entire stock intake assembly (airbox and intake tube) can now be lifted out. A sharp pull upwards on the airbox will pop it off of the mounting studs.



Step 10

Using the T30 Torx bit, remove the bolt securing this sensor on the backside of the head, above the stock heat shield. This bolt will be re-used to mount the 034Motorsport heat shield.



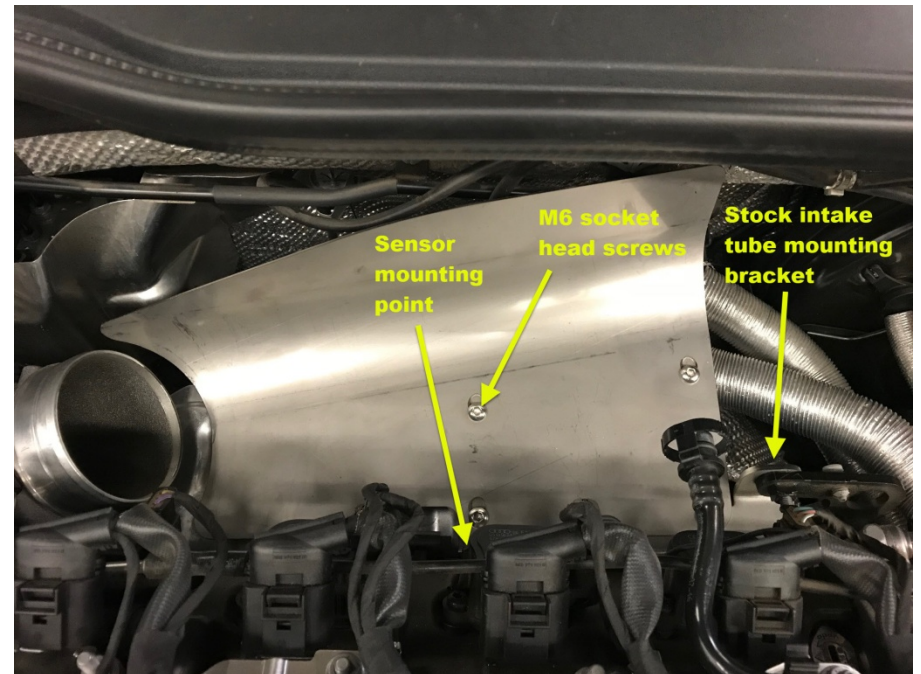
Step 11

Using a 4mm Allen wrench and the supplied M6 button head cap screws, assemble the heat shield.



Step 12

Install the heat shield by attaching to the stock inlet tube mounting bracket (Step 6), and the head sensor (Step 10). Shield location can be adjusted by loosening the M6 button head cap screws. Make sure wiring along the firewall does not contact the edge of the shield.



Step 13

Install silicone coupler to turbo inlet. Tighten hose clamp with 7mm socket.



Step 14

Insert intake tube through the hole in the carbon fiber airbox top.



Step 15

Rotate intake tube within airbox frame and install the air filter. Using an 8mm socket, tighten hose clamp.

NOTE: Do not over-tighten, as this may damage the carbon tube. It does not have to be very tight, just snug.



Step 16

Remove the three grommets and the water drain from the bottom of the stock airbox.

Note: the drain line is removed by pinching the connector.



Step 17

Transfer the grommets and drain line to the 034Motorsport Carbon Lower Box.

Note: spraying the grommets with a little silicone, or soapy water, will help with installation.



Step 18

Using the supplied M4 socket head cap screws, assemble the upper and lower airbox sections.

Tighten the cap screws to 3 NM (2 ft/lbs).



Step 19

Set airbox assembly lightly into place. Insert the air duct into the lower airbox.



Step 20

Connect the intake pipe to the turbo inlet silicone coupler.
Do not tighten yet.



Step 22

Connect the breather hose pinch connector to the inlet pipe.



Step 23

Reconnect the bypass hose to the intake pipe and reposition the clamp.



Step 24

Push down on the airbox to pop the grommets onto the mounting studs.



Step 25

Tighten the hose clamp at the turbo inlet.

NOTE: Do not over-tighten, as this may damage the carbon tube. It does not have to be very tight, just snug enough to make air-tight.



Step 26

Position the intake duct to align the mounting holes and secure with the provided M4 button head cap screws (3mm hex). Tighten to 3 NM (2 ft/lbs).



Step 27

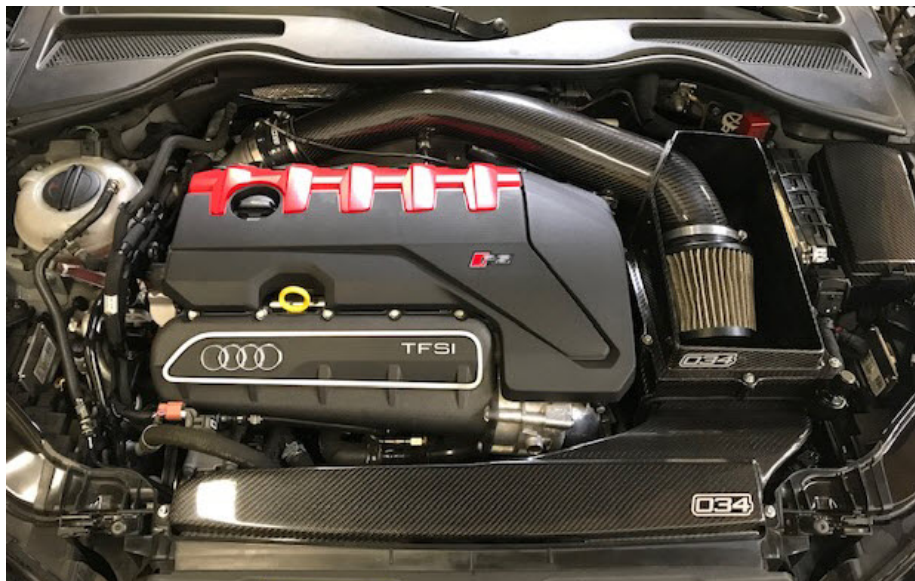
Insert DSG vent/mount into 6mm hole in lower airbox.



Step 28

Double check all connects.

Reinstall engine cover.



Step 29

Enjoy your new 034Motorsport X34 Carbon Intake System!