

8S TTRS Catch Can Kit

**034 MOTOR
SPORT**

034Motorsport's Billet Catch Can Kit is the most comprehensive and effective PCV System solution for the 8S Audi TTRS & 8V.5 RS3 2.5 TFSI. 034Motorsport's engineers designed the Billet Catch Can Kit to provide optimal crankcase ventilation while keeping oil and water vapor out of the intake tract, resulting in drastically reduced carbon buildup and extended life from the 2.5 TFSI.

Installation Spiciness Rating: HOT



Installation of your 034Motorsport Catch Can Kit will take approximately 3 hours to complete.

Supplied Parts:

- 034 Billet Catch Can Assembly
- 034 Mounting Bracket
- PCV Adapter
- Turbo Inlet Adapter
- Drain Line Adapter
- Catch Can Hose with 90° -10 AN Fitting
- Catch Can Hose with 45° -10 AN Fitting
- (2x) Stainless Steel Braided Drain Line w/ NPT Fittings
- (2x) M6x30mm Bolts
- (2x) M6 Washers

Tools Needed:

- T45 Torx Bit
- T30 Torx Bit
- T25 Torx Bit
- T20 Torx Bit
- 11mm Wrench
- 10mm Socket
- 8mm Allen Bit
- 5mm Allen Bit
- 4mm Allen Bit

Tools Cont.:

- -10 AN Wrench or Crescent Wrench
- -4 AN Wrench or Crescent Wrench
- Flathead Screwdriver
- Pliers
- 13mm Wrench (Optional)

Getting Started

Confirm you have received all the parts included with your purchase by reading the complete guide, if there are missing components, please contact:

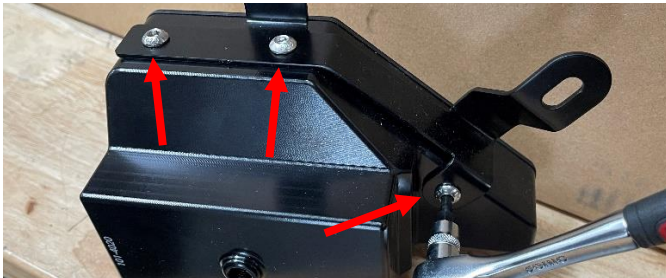
customerservice@034motorsport.com

About This Guide

This Install Guide documents the installation process on an 8S Audi TTRS. There may be minor differences depending on specific vehicle, market, options, etc.

Assembly Steps**Step 1**

Using a 4mm Allen, install the catch can mounting bracket on to the catch can assembly.

**Step 2**

Using an 11mm wrench, install the NPT fitting into the base of the catch can.

**Step 3**

Using a -4 AN wrench, install one end of the drain line to the NPT fitting.



Step 4

Using an 11mm wrench, install the second NPT fitting into the drain line adapter. You may want to use a 13mm wrench to support the adapter. Make sure the fitting is in line with the adapter.

**Step 5**

Slide one hose clamp over the catch can hose with the 90° -10AN fitting attached. Install the turbo inlet adapter into the open hose end. Lubrication will help a lot. Using a flathead screwdriver, tighten the hose clamp to snug, so you can adjust it if needed.

**Step 6**

Slide the second hose clamp over the catch can hose with the 45° -10AN fitting attached. Install the valve cover adapter into the open hose end. Again, lubrication will help a lot. Using a flathead screwdriver, tighten the hose clamp to snug, so you can adjust it if needed.



You are now ready to start the installation process.

Installation Steps

Step 1

Open your hood to access the engine bay.



Step 2

Remove the engine cover by lifting it up.



Step 3

Remove the camshaft position sensor.



Step 4

Remove the coil connectors.

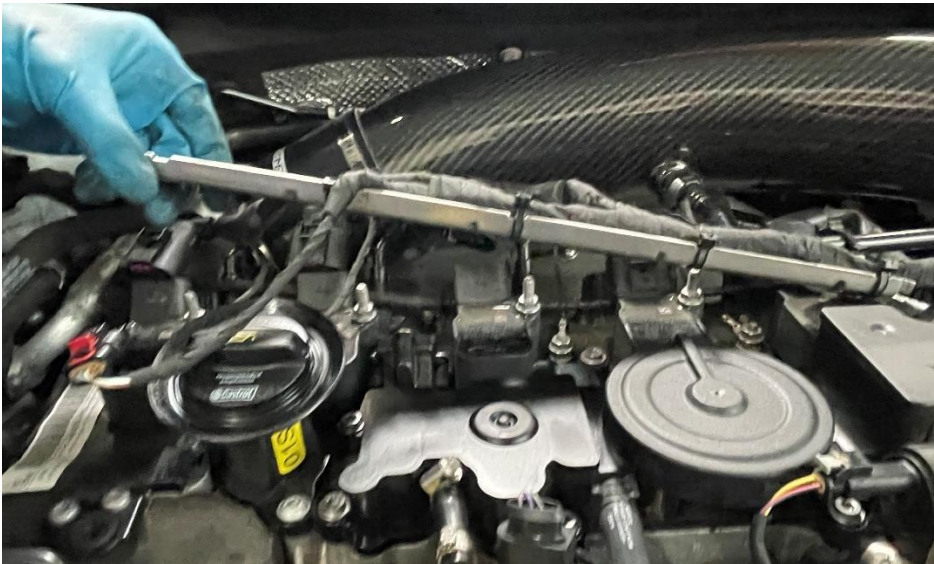


Step 5

Using a 10mm socket, remove the nuts securing the coil harness bracket to the valve cover.

**Step 6**

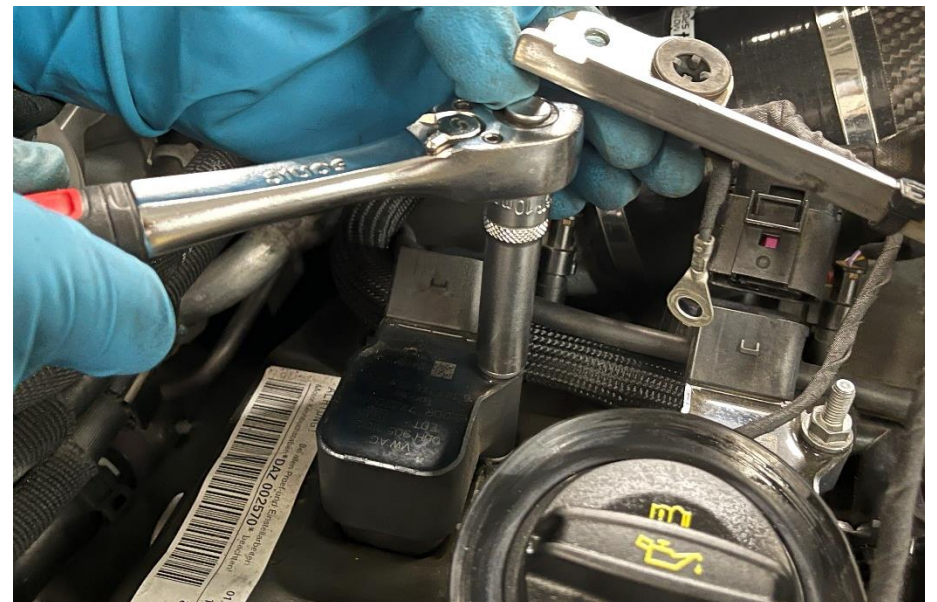
Move the bracket to access beneath it.

**Step 7**

Using a 10mm socket, remove the nut for the ground strap.

**Step 8**

Using a 10mm socket, remove the 2 left-most studs securing the coils to the valve cover.



Step 9

Remove the two loose coils from the valve cover.



Step 10

Using a 4mm Allen, remove the bolt for the PCV fitting on the turbo inlet. If your car is stock, you will need to cut a notch into the stock hardware with a dremel in order to remove it.



Step 11

Using a T20 Torx, remove the 3 bolts securing the PCV fitting on the valve cover.



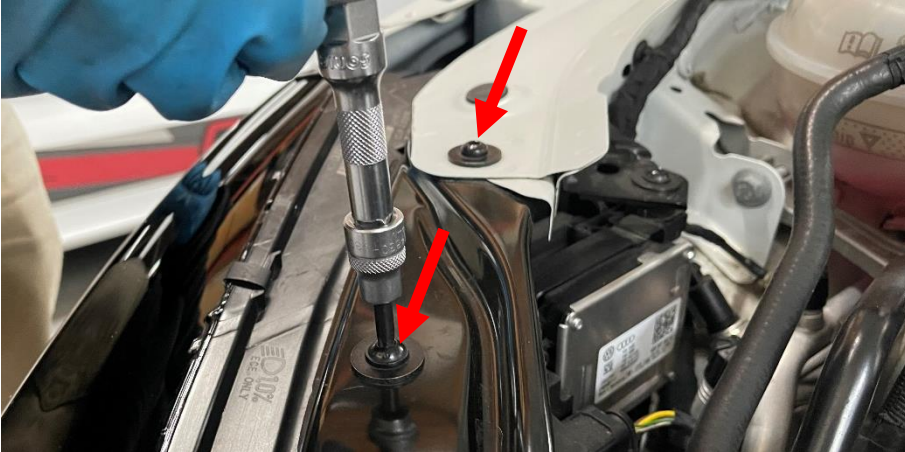
Step 12

Remove the stock PCV hose from the car.



Step 13

Using a T30 Torx, remove the hardware from the right-side headlight.

**Step 14**

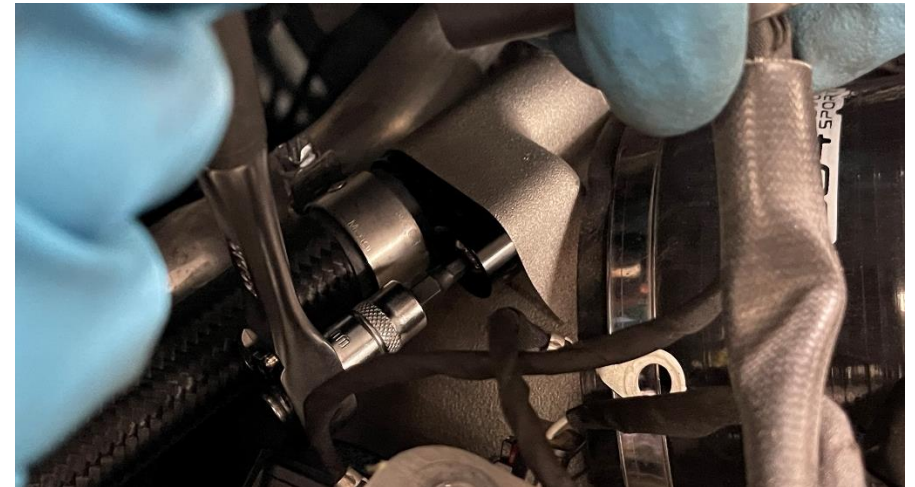
Position the catch can near it's new home by the headlight. Snake the drain line through the opening between the coolant reservoir and the motor mount.

**Step 15**

Using a T30 Torx, install the catch can assembly, using the two spots for the headlight hardware.

**Step 16**

Using a 4mm Allen, install the PCV adapter onto the turbo inlet.



Step 17

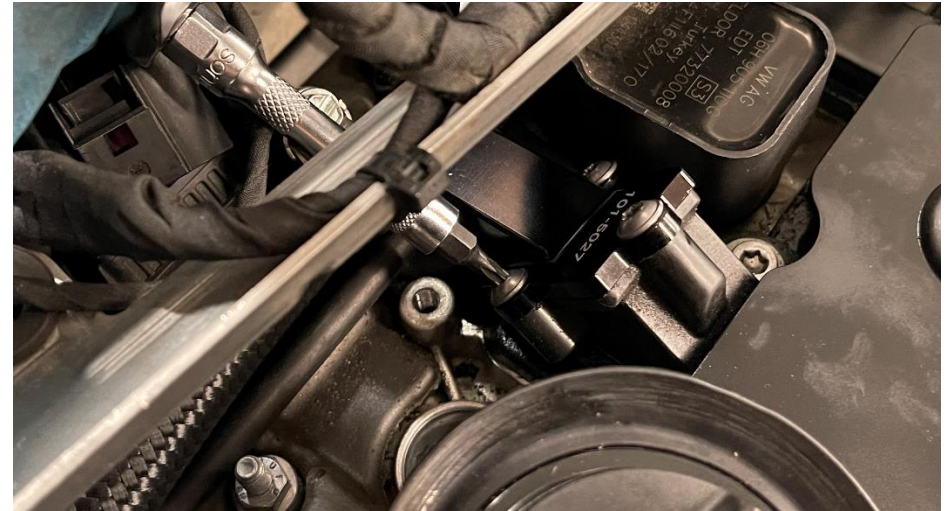
Using a -10 AN wrench, install the 90° -10 AN fitting onto the outlet of the catch can.

**Step 18**

Using a flathead screwdriver, tighten the hose clamp over the turbo inlet adapter.

**Step 19**

Using a T20 Torx, install the PCV adapter onto the valve cover.

**Step 20**

Using a -10 AN wrench, install the 45° -10 AN fitting onto the inlet of the catch can.



Step 21

Using a flathead screwdriver, tighten the hose clamp over the valve cover adapter.

Step 22

Using a 10mm socket, reinstall the ground with the hardware removed in step 7.

**Step 23**

Reinstall the coils.

**Step 24**

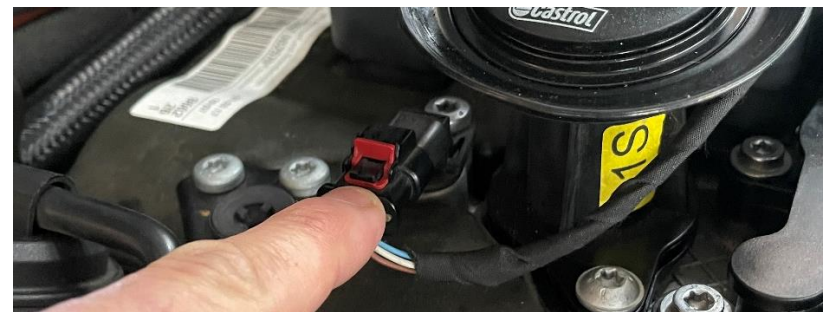
Using a 10mm socket, reinstall the studs securing the coils to the valve cover.

**Step 25**

Using a 10mm socket, reinstall the coil harness bracket.

**Step 26**

Reconnect the camshaft position sensor.



Step 27

Lift the car to access the underside.

**Step 28**

Using a combination of T45 Torx, T25 Torx, and a flathead screwdriver, remove the belly pan from the car.

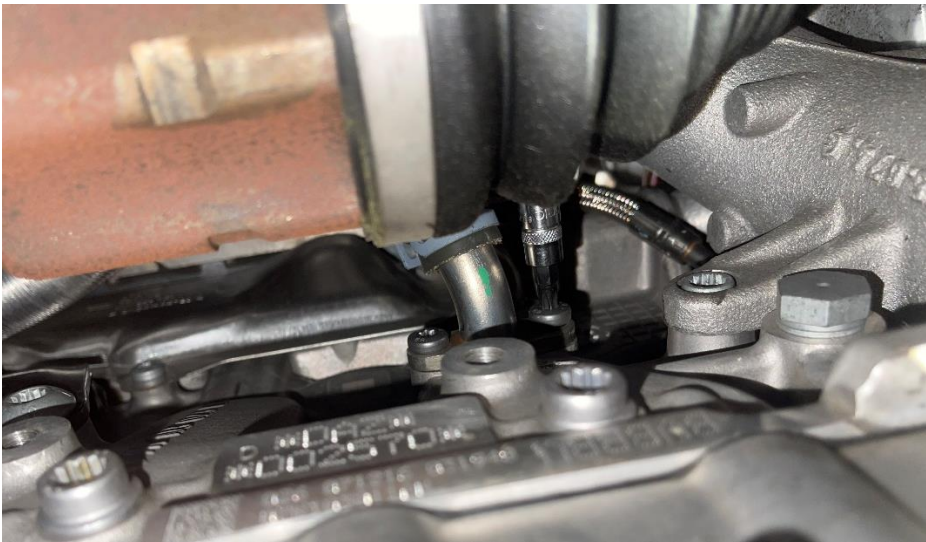
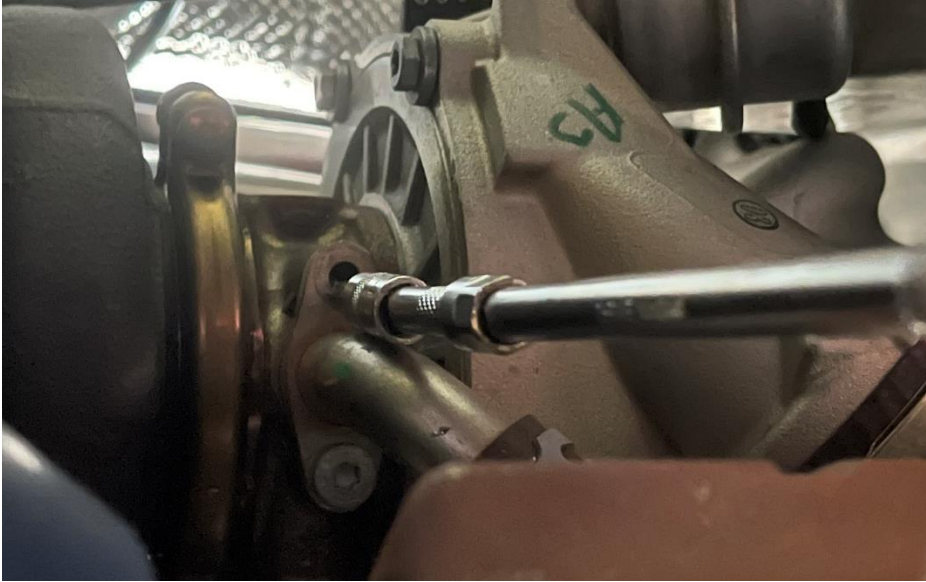
**Step 29**

Using an 8mm Allen, remove the hardware from the axle guard.



Step 30

Using a T30 Torx, remove the hardware from the turbo drain line.

**Step 31**

Remove the turbo drain line and make a mark 10mm from end of the hose.

**Step 32**

Using a pair of pliers, loosen the hose clamp and push the hose down to the line you just marked. Reapply the hose clamp near the end of the hose.



Step 33

Install the (2x) M6 bolts and washers into the factory drain fitting. Stack the drain adapter and gasket on the fitting.

**Step 34**

Using a 5mm Allen, install the block-end of the drain line assembly.

**Step 35**

Using a T30 Torx, reinstall the factory hardware for the turbo-end of the drain line.

Step 36

Using an 8mm Allen, reinstall the axle guard.

**Step 37**

Using a combination of T45 Torx, T25 Torx, and a flathead screwdriver, reinstall the belly pan.



Step 38

That's it, you're done! Enjoy.

