

[Billet Catch Can Kit, 8V Audi A3 & MkVII Volkswagen Golf/GTI](#)

**034 MOTORSPORT**

Designed to provide optimal crankcase ventilation while keeping oil and water vapor out of the intake tract, the 034Motorsport Billet Catch Can Kit eliminates potential boost leaks caused by factory plastic components and prevents oil deposits from building up on the intake manifold and intake valves.

Installation Spiciness Rating



(Spicy)

Installation of your 034Motorsport Billet Catch Can Kit is a straightforward process that will take a few hours to complete.

Supplied Parts:

- Billet Aluminum Catch Can & Mounting Plate
- -10 AN Inlet/Outlet Hoses
- Valve Cover Adapter Fittings
- Hose Separator

Tools Needed:

- **Sockets** - 10mm, 16mm
- **Bits** - T30 Torx, 3mm Allen, 5mm Allen
- Torque Wrench, Extensions, Flathead Screwdriver

About This Guide

This Install Guide documents the installation process on a 2017 Audi S3. The actual installation process for your vehicle may vary by model, due to factory options, or because of existing aftermarket modifications you have installed.

Installation is similar for 8V Audi A3 & MkVII Volkswagen Golf/GTI, however does not require modification to the washer fluid reservoir.

Getting Started

- Ensure you have all parts and tools required for installation by reading the complete Install Guide.
- Open hood and let engine sufficiently cool before installation.

Step 1

Remove the engine cover by lifting up and pulling forward, toward the front of the vehicle.



Step 2

Using a 10mm Socket, remove the bolt securing the washer reservoir.



Step 3

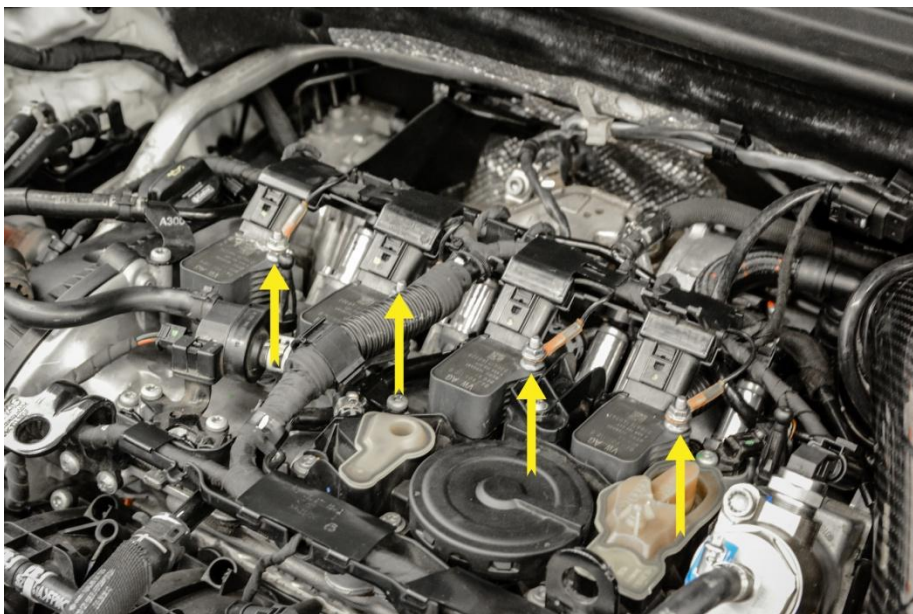
Carefully remove the washer reservoir from the engine bay by pulling up and out.

Note: Any washer fluid still in the reservoir will drain out when the reservoir is removed.



Step 4

Using a 10mm Socket, remove the nut securing the coil harness to each coil pack (4 total).



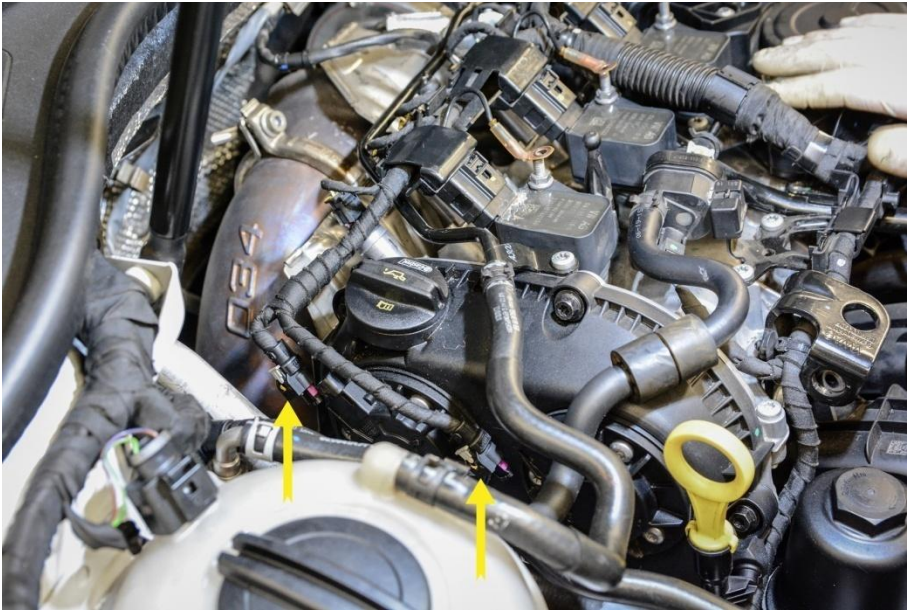
Step 5

Remove the ground eyelets from each coil pack.



Step 6

Disconnect the 2 Cam Adjuster Connectors located on the passenger side of the motor, below the oil fill cap.



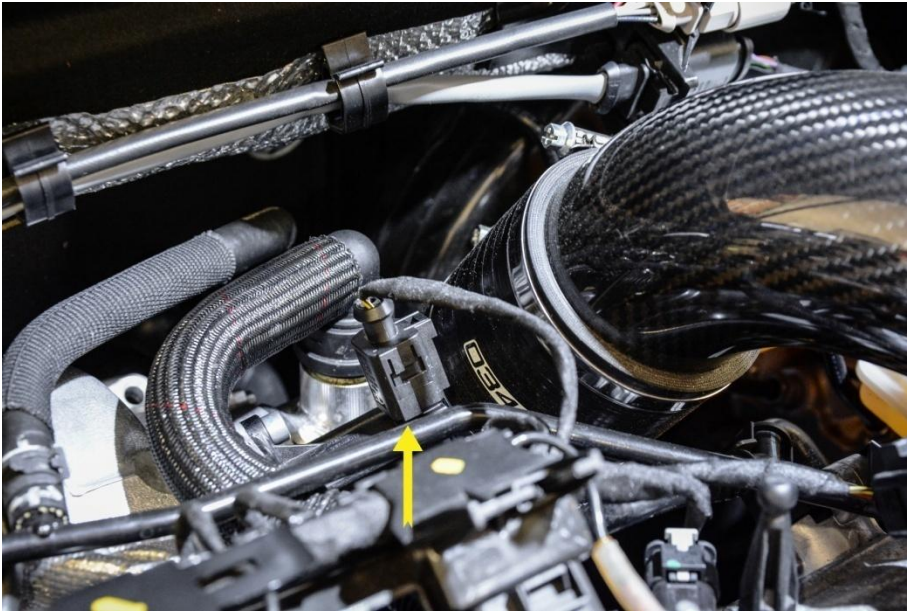
Step 7

Disconnect the Valve Solenoid Connectors. There should be 8 total.



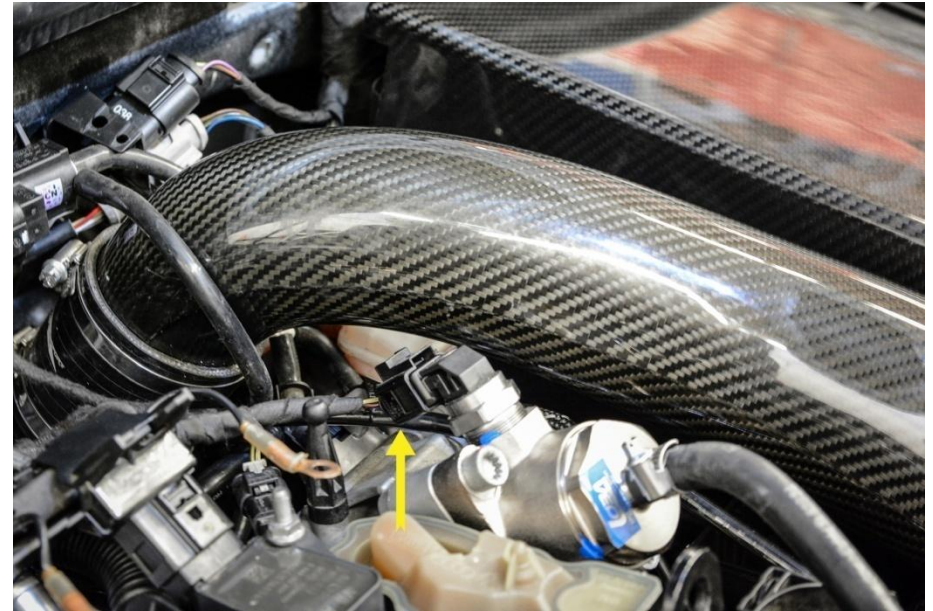
Step 8

Disconnect the Diverter Valve connector.



Step 9

Disconnect the High Pressure Fuel Pump (HPFP) connector.



Step 10

Disconnect Cam Position connector, located in front of the 2nd coil pack from the left.



Step 11

Unclip the coil harness from the plastic clip near the oil fill cap.



Step 12

Lift coil pack harness up and away from the driver side of the engine bay for better access.



Step 13

Using a 10mm Socket, remove the stud/bolt securing coil pack #4 (the furthest right) and remove the coil pack from the engine.



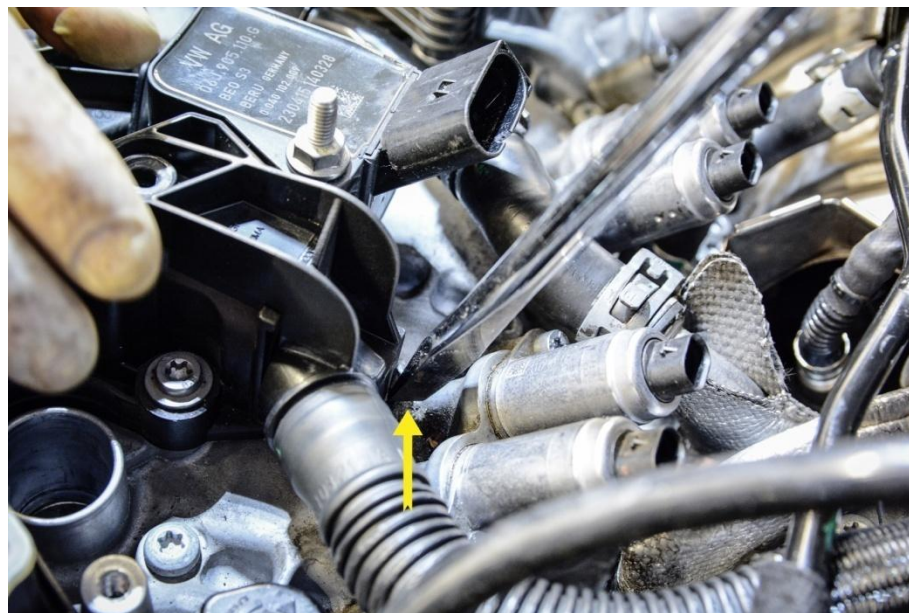
Step 14

Using a T30 Torx bit, remove the bolt securing the recirculation tube to the breather plate.



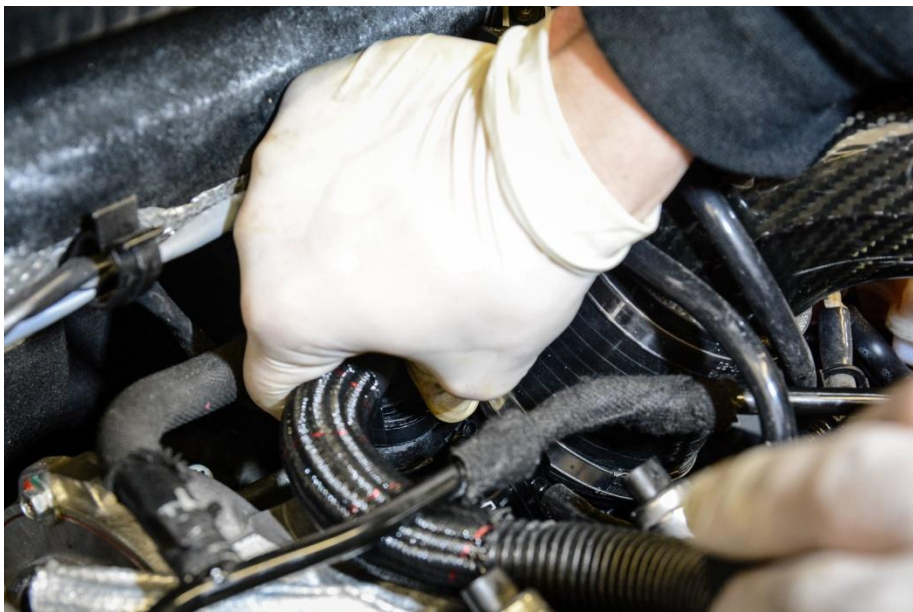
Step 15

Using a flathead screwdriver, push down tab to release the recirculation tube from the breather plate.



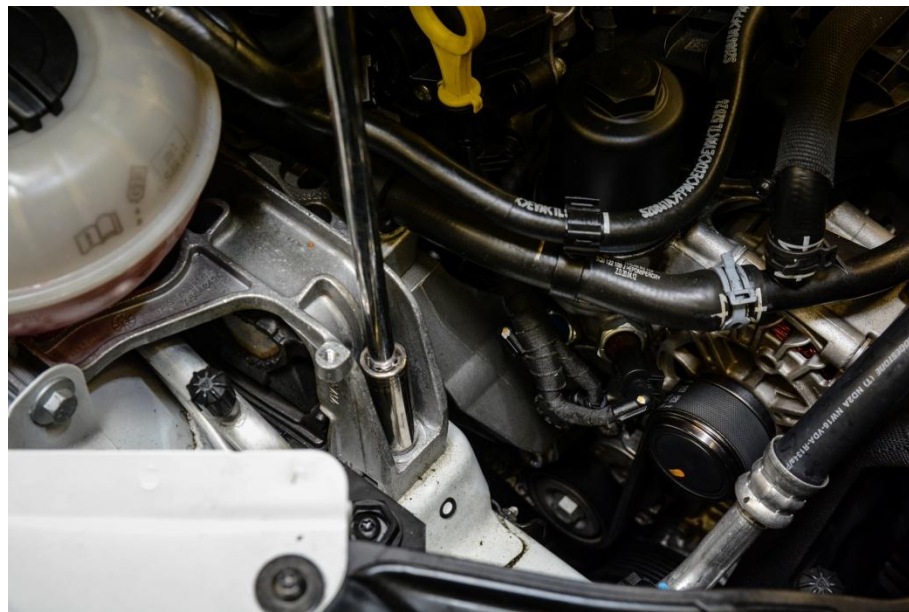
Step 16

Remove recirculation tube from the turbo inlet.



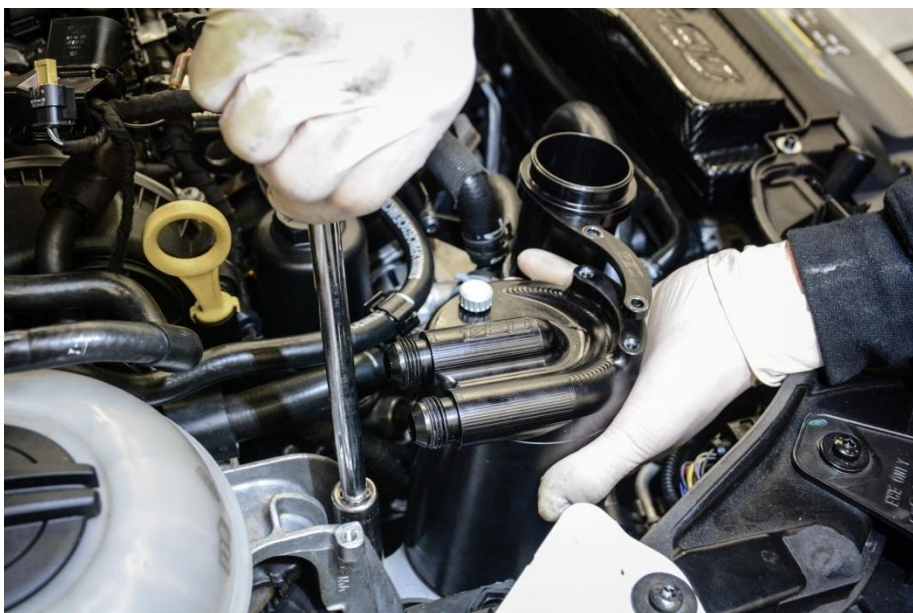
Step 17

Using a 16mm Socket, remove the bolt securing the front of the motor mount to the chassis.



Step 18

Install the 034Motorsport Billet Catch Can in engine bay and secure bottom mounting plate to the motor mount using the factory mounting bolt and a 16mm 6-Point Socket.



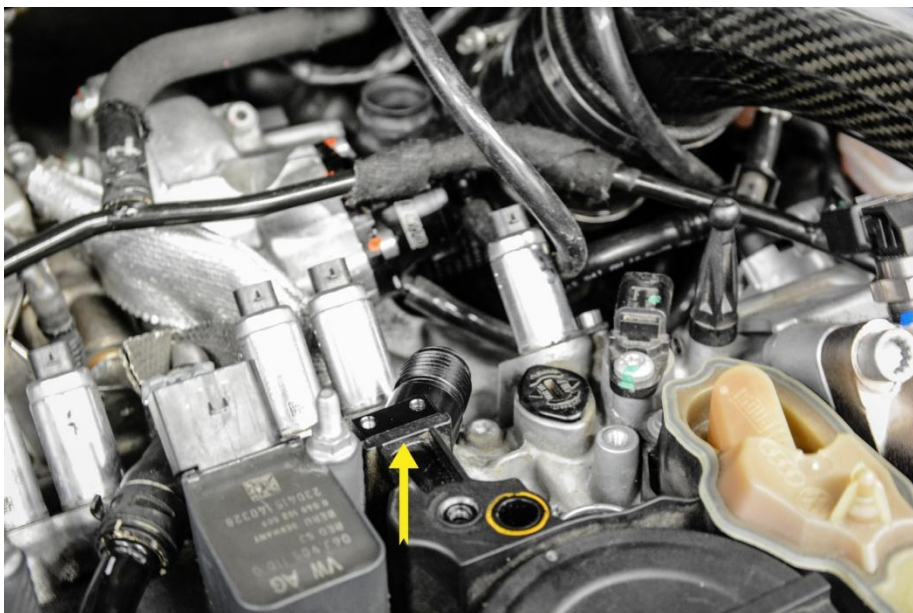
Step 19

Torque factory motor mount bolt to 40 Nm + 90 Degrees.



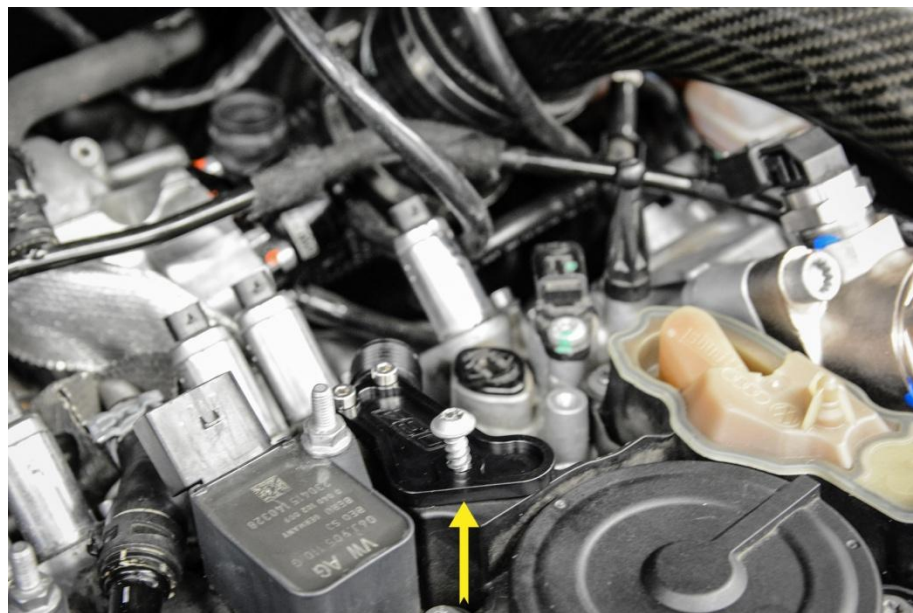
Step 20

Install supplied Billet Aluminum Adapter into recirculation provision on the factory breather plate.



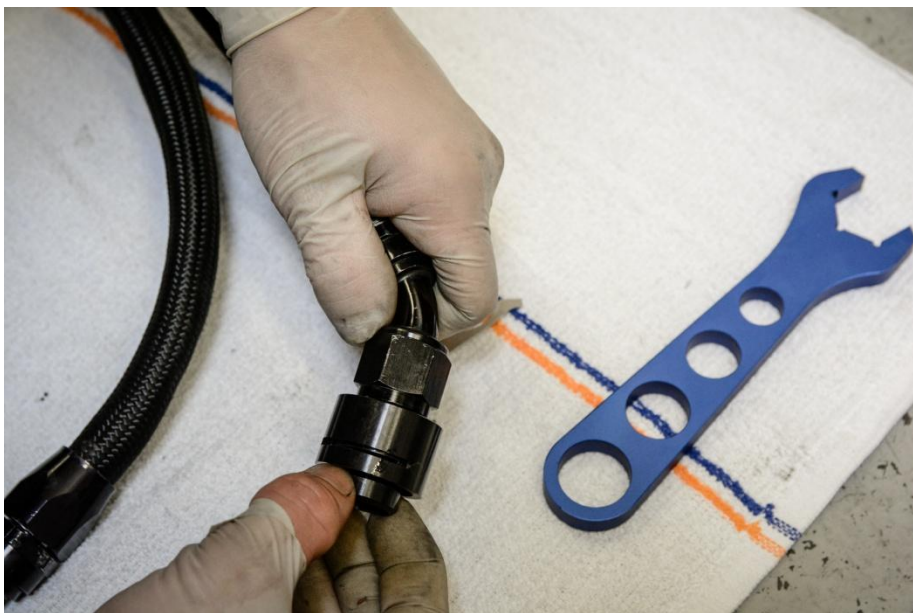
Step 21

Using a 3mm Allen, tighten the supplied Allen bolts securing the 034Motorsport adapter plate to the 034Motorsport Threaded Adapter. Reinstall the factory mounting screw with a T30 Torx.



Step 22

Thread 034Motorsport Recirculation Adapter onto supplied braided stainless steel line.



Step 23

Install the supplied clip into the 034Motorsport Recirculation Adapter (make sure not to spread the legs of the clip). The complete assembly will snap onto the turbo inlet.



Step 24

Install braided hoses onto 034Motorsport Billet Catch Can and snug the fittings.

Note: The "Inlet" of the catch can goes to the valvecover, "Outlet" goes to the turbo inlet.



Step 25

034Motorsport braided -10 AN lines running to factory breather plate and turbo inlet.



Step 26

Install supplied Dual Hose Separator for clean hose routing through your engine bay.



Step 27

Reinstall coil pack #4 (furthest right) and secure with factory 10mm stud/bolt.



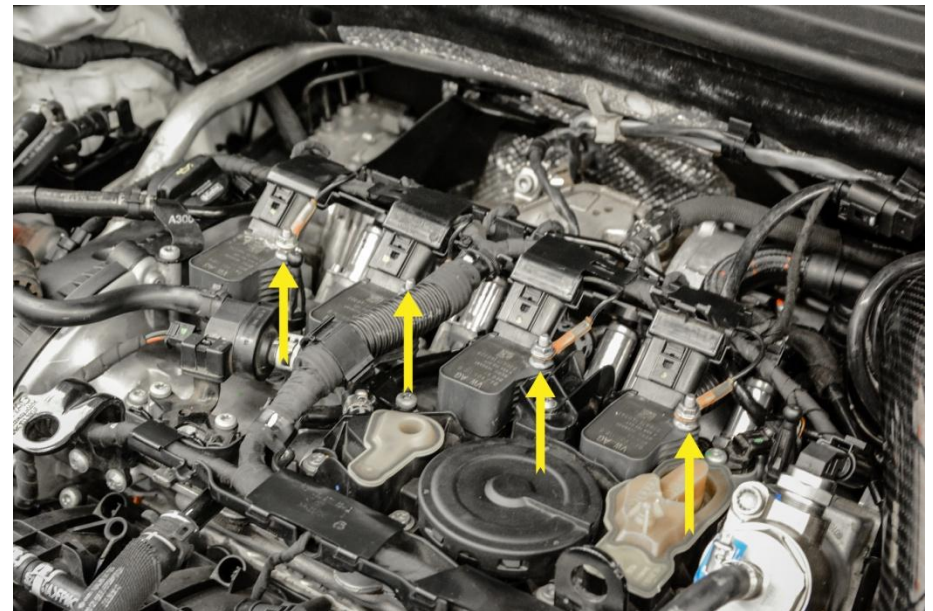
Step 28

Reinstall factory coil harness, taking care to plug each connector back into the correct location. Reverse of Steps 6 to 11.



Step 29

Reinstall 10mm ground eyelets and secure with factory 10mm nuts.



Step 30

Check that all connections are properly plugged in and fittings are tight. Reinstall engine cover.



Step 31

Step back and marvel at your handiwork. Your car not only looks better, but will perform better and for longer.

Win-Win-Win!



Step 32

Go, be free, and drive the wheels off your MQB!

(But not literally)

Most importantly, enjoy the upgrade!