

MQB/EVO Ignition Coils**034 MOTOR SPORT**

034Motorsport's Ignition Coils are designed to be a higher output, direct plug-and-play upgrade from OE ignition coils with improved heat dissipation via the integrated CNC-Machined heat sinks and offer unique, colorful styling.

**Installation Spiciness Rating: MILD**

Installation of your 034 ignition coils is a straightforward process that should take approximately one hour to complete.

**Supplied Parts:**

- (6x) 034 Ignition coils
- (3x) Spacers (not pictured)

**Tools Needed:**

- 13mm Deep Socket
- T30 Torx bit
- Flathead Screwdriver
- Small pick

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:

About This Guide

This Install Guide documents the installation process on an B9 Audi RS5. There may be minor differences depending on specific vehicle, market, options, etc.

**NOTE:** Adding a small amount of dielectric grease (or Vaseline) inside the spark plug boot will help prevent the boot from bonding to the spark plug, allowing for easier removal of the coil in the future.

### Install Steps

#### Step 1

Open the hood to access the ignition coils.



#### Step 2

If present, remove the engine cover.



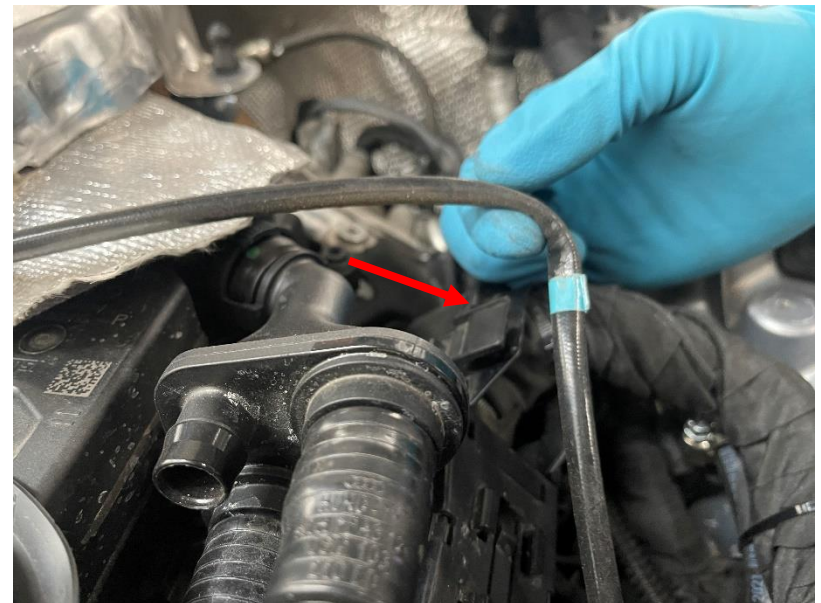
#### Step 3

Unclip the ECU from the bracket.



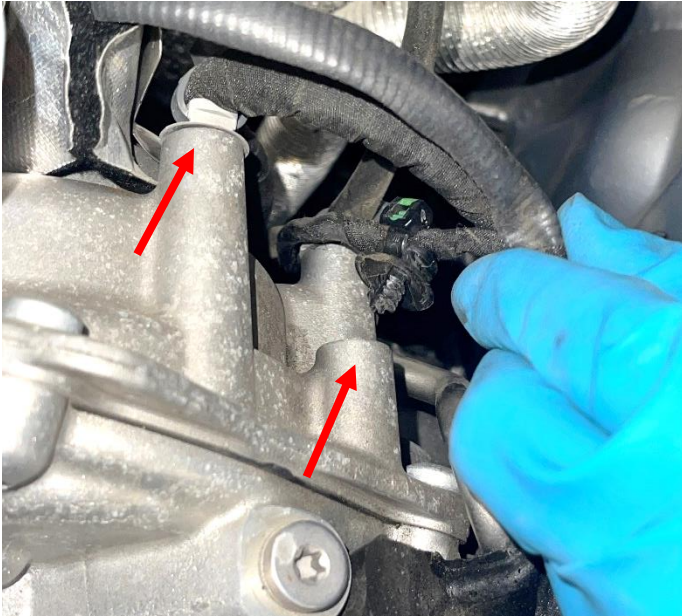
#### Step 4

Pull the O2 sensor from the guide.

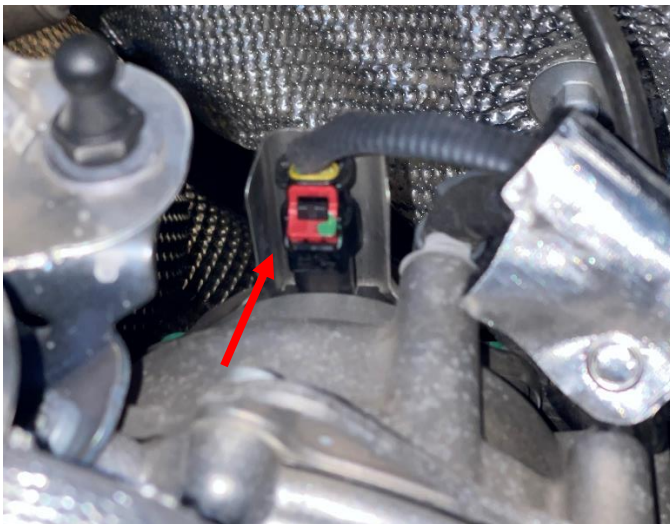


**Step 5**

Pull the two harness push-clips from the back of the head.

**Step 6**

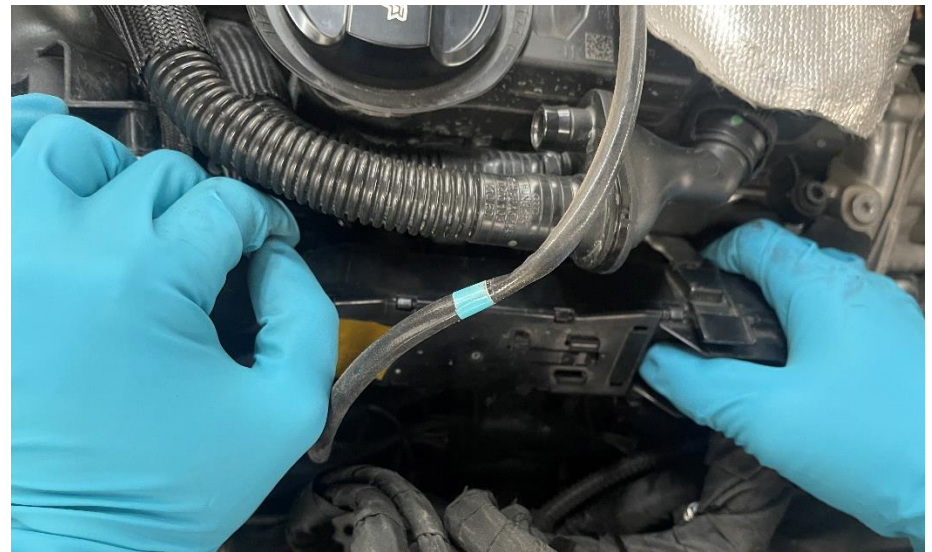
Disconnect the cam sensor at the back of the head.

**Step 7**

Release the locking tab on the harness bracket.

**Step 8**

Pull up on the harness bracket to release it from the mount.



#### Step 9

Using a small pick, release the clip securing the coil harness to each coil.



#### Step 10

Using a T30 Torx, remove the hardware securing the coils to the valve cover.



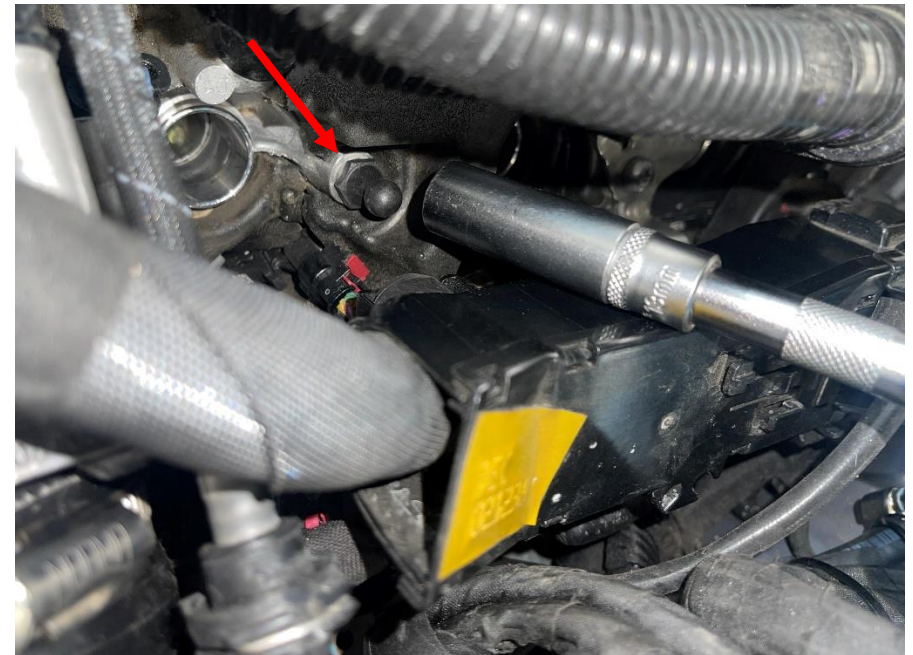
#### Step 11

Carefully remove the coils from the valve cover.



#### Step 12

Using a 13mm deep socket, remove the wire harness mount.



#### Step 13

Add a spacer to the threaded portion of the mount and reinstall it into the valve cover with a 13mm socket.



#### Step 14

Install the 034 ignition coils.



#### Step 15

Using a T30 Torx, secure the coils to the valve cover with the factory hardware. Torque to **5Nm**.



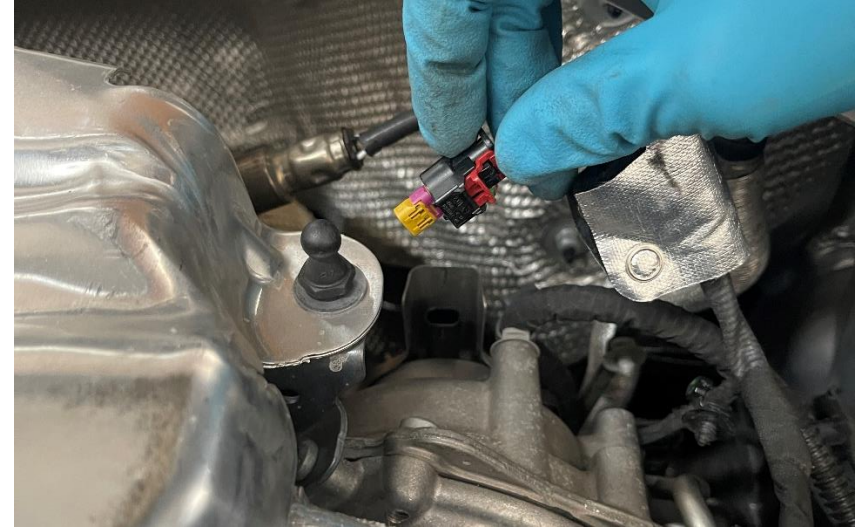
#### Step 16

Push the harness bracket down onto the mounts.



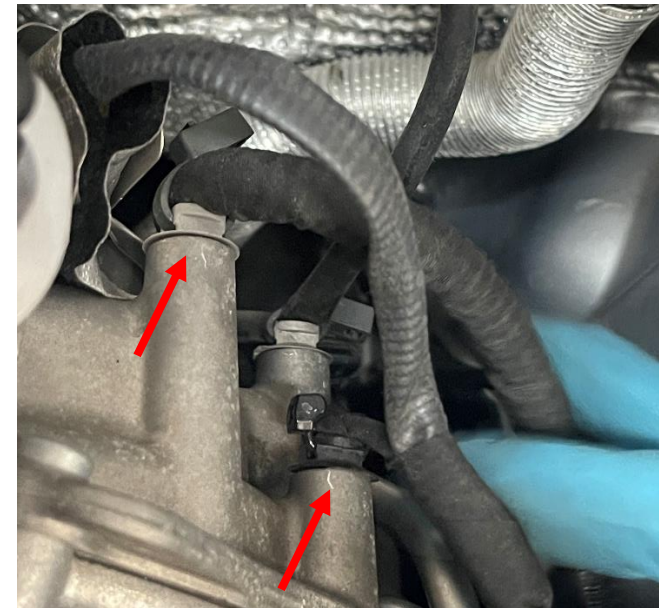
#### Step 17

Reconnect the cam sensor plug.



#### Step 18

Reinstall harness push-clips.



#### Step 19

Tuck the O2 sensor wire behind the clip.



#### Step 20

Using a flathead screwdriver, loosen the hose clamps on the turbo inlet coupler (034 X34 shown).



#### Step 21

Remove the coupler. If you have the stock airbox, you may want to remove the whole assembly.



#### Step 22

Remove the O2 sensor wire from the clip.

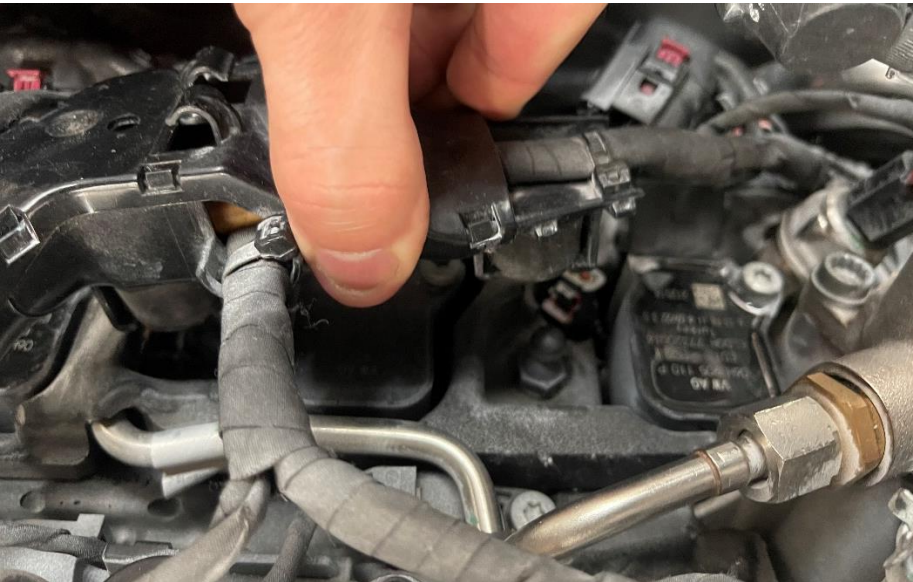


**Step 23**

Using a small pick, unclip the coil harness locking tab.

**Step 24**

Pull up on the harness bracket to separate from the mounts.

**Step 25**

Push the harness bracket aside to access the T30 hardware securing the coils to the valve cover.

**Step 26**

Carefully remove the stock coils.





#### Step 27

Using a deep 13mm socket, remove the harness bracket mounts.



#### Step 28

Add a spacer to each mount and reinstall the mounts using the deep 13mm socket.



#### Step 29

Install the 034 coils.



#### Step 30

Using a T30 Torx, secure the coils to the valve cover with the factory hardware. Torque to **5Nm**.



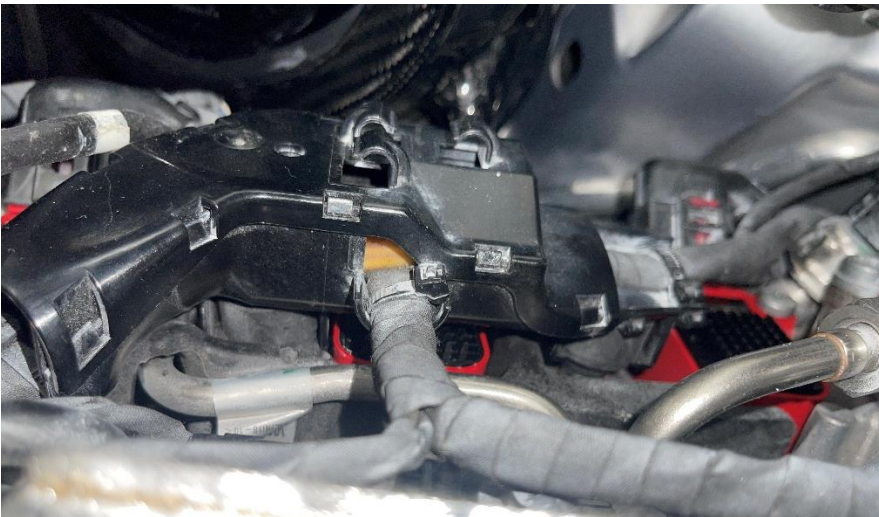
#### Step 31

Push the coil harness connectors into the coils.



#### Step 32

Push the harness bracket down onto the mounts.



#### Step 33

Secure the O2 sensor wire to the clip on the harness bracket.



#### Step 34

Using a flathead screwdriver, reinstall the turbo inlet coupler (or the airbox if you removed that).



#### Step 35

Push the ECU back into its bracket.



#### Step 36

Reinstall the engine cover.



#### Step 37

You are done! Enjoy.

