

# **Volkswagen Adjustable Clutch Pedal Stop Installation Instructions - ES3247980**





## Thank you for purchasing your new ECS Tuning Adjustable Clutch Pedal Stop, we appreciate your business!







## **Project Overview:**

It's no secret that the clutch pedal on MK4/5/6/7 vehicles leaves a large amount of "dead space" behind the clutch engagement. This means that you can push the pedal far beyond where the clutch disengages when starting your vehicle or shifting gears. We are excited to announce that the engineering team at ECS Tuning has designed a quick and easy solution for this problem. Our adjustable pedal stop eliminates this unnecessary pedal travel, while also offering a more sporty pedal feel and quicker shifts.

Installation is fast and only requires a few basic hand tools. Keep in mind that the install procedure is different for MK4 vehicles, but the adjustment procedure is the same for all applications. Read the instructions carefully and be sure to read the correct section for your vehicle. Depending on your experience level this project might only take you 15-30 minutes including adjustment. Thank you for looking to ECS Tuning for all your performance and repair needs, we appreciate your business!

### These installation instructions have been broken up into several sections:

1) Locating the OEM Clutch Pedal Stop
2) Installing the Adjustable Clutch Pedal Stop - MK4 ONLY
3) Installing the Adjustable Clutch Pedal Stop - MK5/6/7
4) Adjusting the New Clutch Pedal Stop (MK4/5/6/7)
(Page 4)
(Page 5)

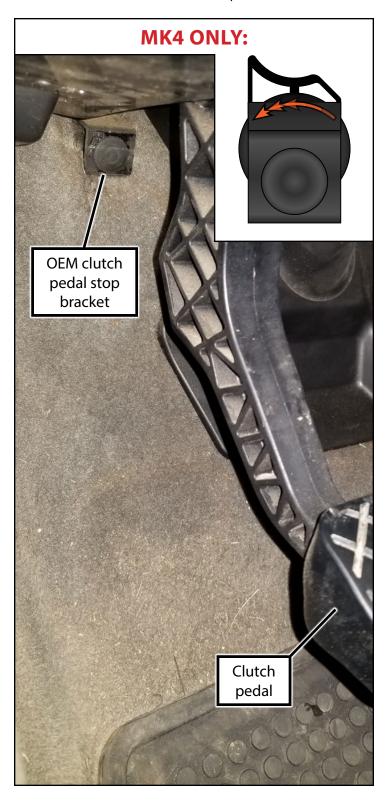


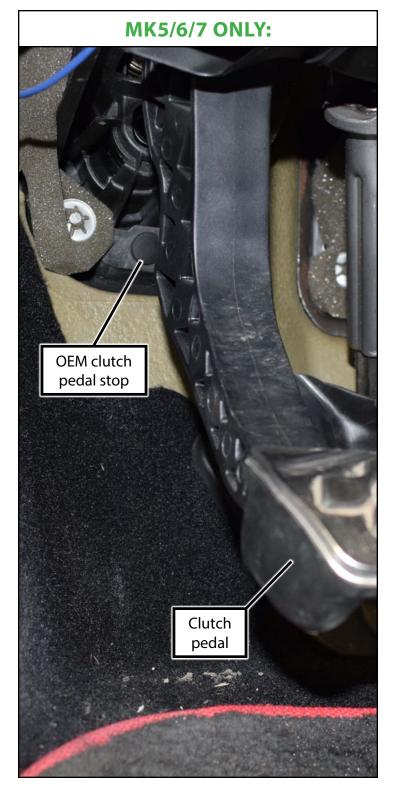
## **Section 1: Locating the OEM Clutch Pedal Stop**

• Observe the locations of the clutch pedal and the OEM clutch pedal stop.

#### **MK4 ONLY:**

- Rotate the clutch pedal stop bracket counter-clockwise and remove it from the vehicle. Proceed to <a href="Page 3">Page 3</a>. MK5/6/7 ONLY:
  - This install must be performed inside the vehicle. Skip to Page 4.

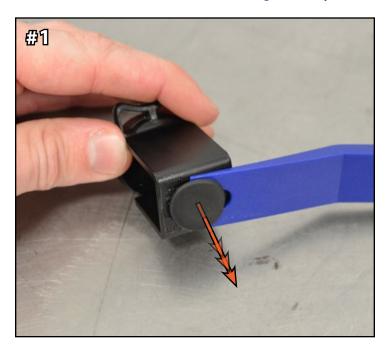


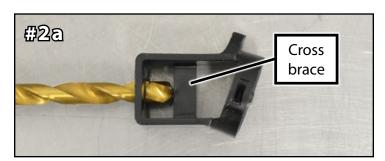




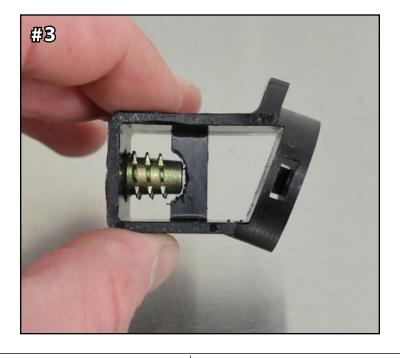
## Section 2: Installing the Adjustable Clutch Pedal Stop - MK4 ONLY

- **Step #1** Gently pry the rubber bumper out of the bracket.
- Drill out the hole in the bracket with an "1/32" drill bit (shown in the #2a photo), drilling as straight as possible.
  - **DO NOT** drill completely through the cross brace inside the bracket (shown in the **#2a photo**).
  - The goal here is to create a notch inside the cross brace which is approximately ½ the thickness of the brace (shown in the **#2b photo**).
- **Step #3** Use a 6mm hex key to install the threaded anchor into the bracket.
  - Ensure that there is a small amount of clearance between the threaded anchor and the cross brace.
- **Step #4** Thread the jam nut onto the adjustable clutch pedal stop, then thread the entire assembly into the bracket.
  - Reinstall the bracket into the vehicle.
    - Proceed to <u>Page 5</u> for adjustment instructions.













## Section 3: Installing the Adjustable Clutch Pedal Stop - MK5/6/7

Step #1 Gently pry the rubber bumper out of its mounting hole in the clutch pedal assembly.

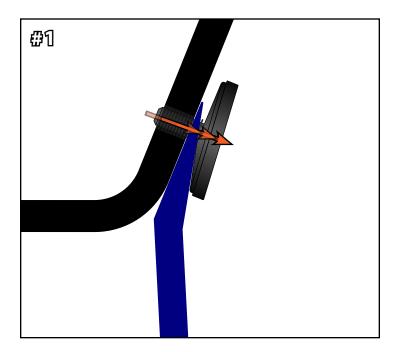
Drill out the hole in the bracket with an 11/32" drill bit. Step #2

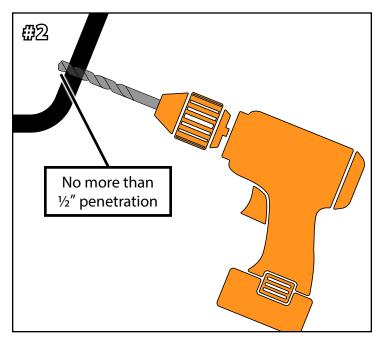
- Be sure to drill as straight as possible, but keep in mind that the clutch pedal will be in your way a bit.
- **DO NOT** allow the drill bit to penetrate the hole more than  $\frac{1}{2}$ ".
- **DO NOT** drill into the firewall or any other surrounding components.

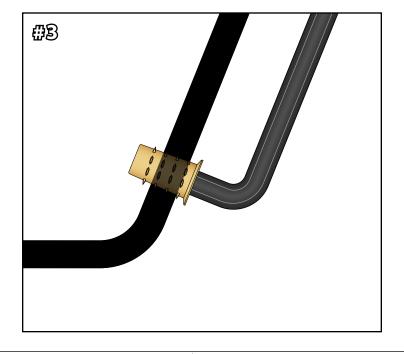
Use a 6mm hex key to install the threaded anchor into the hole we drilled out in step #2. Step #3

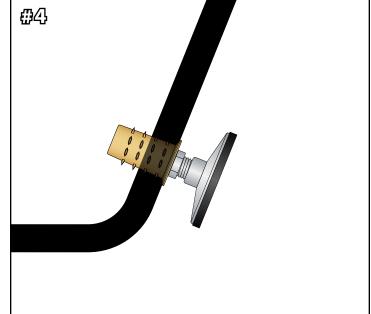
Step #4 Thread the jam nut onto the adjustable clutch pedal stop, then thread the entire assembly into the anchor.

Proceed to Page 5 for adjustment instructions.











## Section 4: Adjusting the New Clutch Pedal Stop (MK4/5/6/7)

#### Step #1

- Use the illustration below as a reference. We are looking to split the difference between where the clutch pedal would bottom out against the OEM rubber bumper (highlighted in **RED**), and the clutch pedal engagement height (highlighted in **GREEN**). Actual adjustment height may vary.
- We recommend starting the adjustment down low and work your way up.
- The clutch pedal stop must be adjusted to allow for the following:
- 1. The pedal **MUST** be able to travel downward far enough in order to engage the clutch safety switch and allow the vehicle to start.
- 1. The pedal **MUST** be able to travel downward far enough to allow the clutch to fully disengage, preventing difficult shifting, or possible damage to the clutch/transmission.
- Once you have adjusted the clutch pedal stop, tighten the jam nut until it is snug.

