



IEBACC2

IE MK5/6 2.0T TSI Catch Can Installation Guide

Thank you for purchasing another high quality IE product! This instruction sheet is used for installation of the 2.0T TSI catch can kit. This kit needs to be installed by a professional or by an experienced technician. Integrated Engineering is not responsible for any damage caused by incorrect installation.



Kit Contents:

- (1)- Catch Can
- (1)- Catch Can Bracket
- (2)- 10AN Hoses
- (1)- Valve Cover Breather Adapter
- (1)- Boost Cap
- (2)- 90 Degree ½" NPT to -10AN Fittings
- (1)- Brass Petcock
- (2)- M6x20mm Bolt
- (8)- M6x25mm Bolt
- (1)- M6 Washer

Tools Needed:

- 5 mm allen key
- Adjustable AN wrench
- Torx T30 socket
- Flat blade screw driver
- Ratchet
- 10mm socket
- Wire cutters or razor blade
- 9/16" wrench

1. Gain access to the valve cover by removing the engine cover. Near the right side of the valve cover, you will see the large oil separator that will be removed. You will need to unplug the coilpacks in order to move the harness out of the way to gain access to this plate.

2. Unclip the PCV hose from the intake manifold (figure 1). Using the T30 socket, remove all of the bolts holding the PCV plate to the valve cover. Be careful to stick the bolts aside so they cannot fall into the opening on the valve cover. Once you have unbolted the oil separator, carefully remove the rear breather hose by simply pulling it out (figure 2).



Figure 1

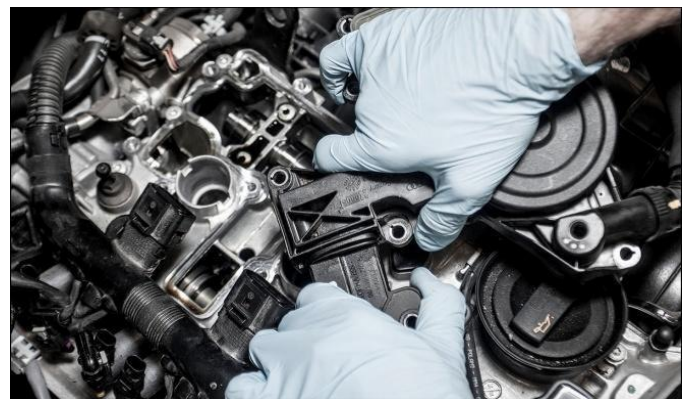


Figure 2

3. Carefully remove the gasket from the underside of your factory oil separator. Wipe it clean and begin to press it into the groove on the underside of the IE breather plate. You will notice that there is an area that does not fit into the groove, as well as a small tab that needs to be trimmed. Carefully trim those pieces using scissors or a sharp razor blade (figure 3).



Figure 3

4. Once you have trimmed the gasket and installed it into the breather plate, proceed to install the plate onto the valve cover. You will first want to install the factory rear breather hose into the slot on the plate, which simply slides in. Confirm that the mating surface is clean of dirt and debris and then install the provided bolts (figure 4). You will notice that one bolt is shorter than the other 8, which is to be installed in the hole directly behind the slot for the rear breather tube, near the back driver's side of the engine bay.



Figure 4

5. Reinstall the breather pipe that connects to the turbo inlet pipe. Use the T30 screw that originally secured the breather pipe to the valve cover (figure 5)



Figure 5

6. Install the fitting of your choice into the provided boost cap. If installing a boost gauge, you will use the barb fitting. Otherwise, install the plug into the cap. Be sure to use thread sealant on threads. Slide boost cap onto intake manifold, ensuring the slot is past the barb on the manifold. Slide plastic clip into slot to fasten the boost cap (figure 6).



Figure 6

7. Install drain petcock with 9/16" wrench into bottom of catch can, using thread sealant. Install 90 degree fittings into catch can, with both of the outlets facing away from the three mounting holes. Be sure to use thread sealant on these threads. Bolt catch can to bracket using provided M6 button head bolts (figure 7).



Figure 7

8. The plastic bracket that secures to the left engine mount needs to be removed. Remove the bolt and nut using a 10mm socket (Figure 8).



Figure 8

9. Using 5mm allen key and the M6x20mm bolt and washer, install the catch can bracket to the top of the engine mount bracket (Figure 9).



Figure 9

10. Install the hose catch can hose that has the 45 degree -10AN fitting and the straight fitting on the other end. Attach the 45 degree end to the driver's side of the adapter plate and the straight end to the left side of the catch can. Install the other hose between the adapter plate and catch can. Snug all fittings using an AN wrench, they do not need to be very tight. Route the hoses along the top of the radiator and under the top of the radiator support (Figure 10).



Figure 10

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