

11.5.2018

PriusChat user: qettyz

Oil Catch Can (OCC)

This document is for vehicles that shares Hybrid and engine system from Prius 2010-2015 (Gen3).

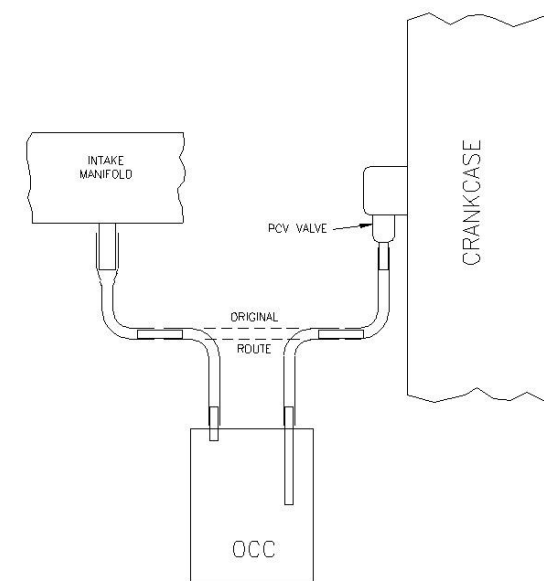
READ FIRST:

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Oil Catch Can (later called OCC) is filter for engine PCV ventilation system. Engine Crankcase is ventilated to intake manifold.

This causes oil, water, fuel build up to intake system what causes further problems.



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Example OCC installation

These installation pictures are from PriusChat OCC thread:

<https://priuschat.com/threads/oil-catch-can-eliminate-that-knock.179588/>



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OCC Installation

To perform installation, you will need some experience(DIY) at working with cars.

OCC installation is not very difficult, but it can lead to severe engine problems what can lead to malfunction if it is done wrong way: For example, blocking PCV-Ventilation.

Please take you time to search information from the OCC-thread from PriusChat forum and reading from the articles what you can find before continuing installation.

What you will need minimum (these are metric & inch):

- 10mm Socket to remove airbox assembly
- zip-ties to secure OCC hoses
- cutters to cut OCC hoses and zip-ties
- Oil Catch Can (OCC)
- bracket for OCC
- SAE-30R7 Fuel/Oil rated tube 9mm inner diameter (3/8")
- brass Barbs for connections to PCV tube
- hose clamps to secure OCC hoses
- possible extra OEM PCV Tube if you don't want to cut your only one

Different OCC kit examples:



Installation Kit example:



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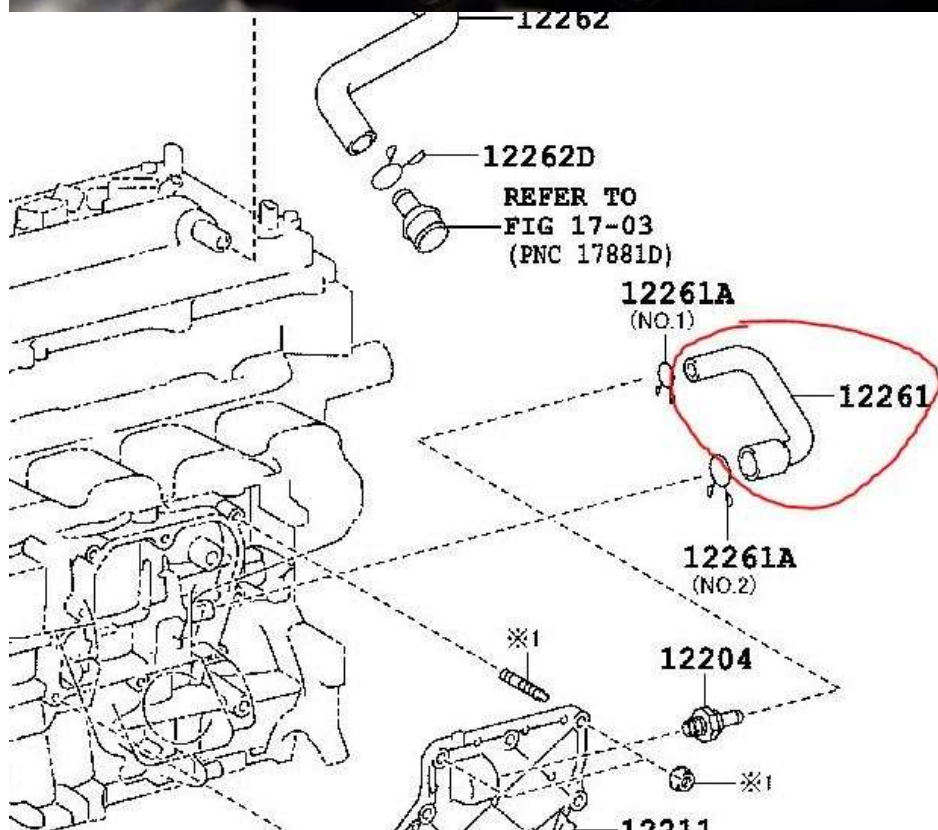
Step 1: Remove Air filter system



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Step 2: Locate PCV tube and remove it



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Step 3: Cut PCV tube and connect OCC hoses to it



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Step 4: Connect cutted PCV tube back and route hoses to OCC



Take care when routing OCC hoses. Do not make too tight turns, otherwise they can collapse and block ventilation.

Very common installation position is next to inverter like in picture.

You can route hoses there from front of the inverter or from back of the inverter.



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Making OCC even better

Different brand Oil Catch Cans have different construction. Others may have more baffling/filtering. Depending model of your OCC there can be possibility for you to add filtering material.



Make sure that filtering material what you use cannot get to exhaust of the OCC and to the intake manifold.