

Introduction



Thank you for purchasing the Version 3 QuikVent™ oil cap by Level 7 Performance, the only oil cap that provides a true bolt-on venting solution for your high performance engine! Properly venting the crankcase pressure in your engine is critical to its reliable function and as such we strongly recommend reading and following all instructions carefully. This product is for “offroad” use only.

This product is intended to be used together with a vented breather can and NOT a sealed catch can.

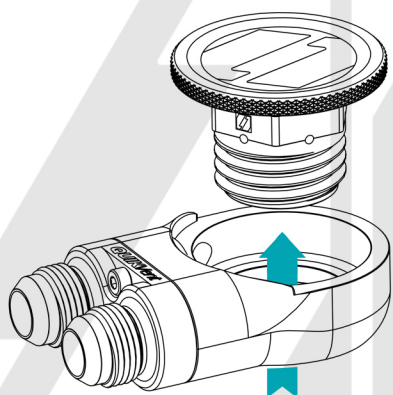
Before You Begin

Tools Needed: • Torque Wrench • 35mm Socket (Non-impact) • Grey RTV Sealant (Optional)

Choose a location to mount your breather can such that the lines will not accumulate oil. For best performance we suggest routing lines with a constant shallow upward slope if possible as it will allow the least amount of oil to build up in the breather can. A straight or downward slope can work as well however it will allow more oil to pass through the lines. Avoid adding any U shaped routing as it can hydrolock the line and cause the part to not function properly.

Address the OEM PCV system. Best performance is achieved by bypassing the PCV system in order to prevent air entering the engine through the breather can. For more information on this topic please reference our technical information page.

Assembly



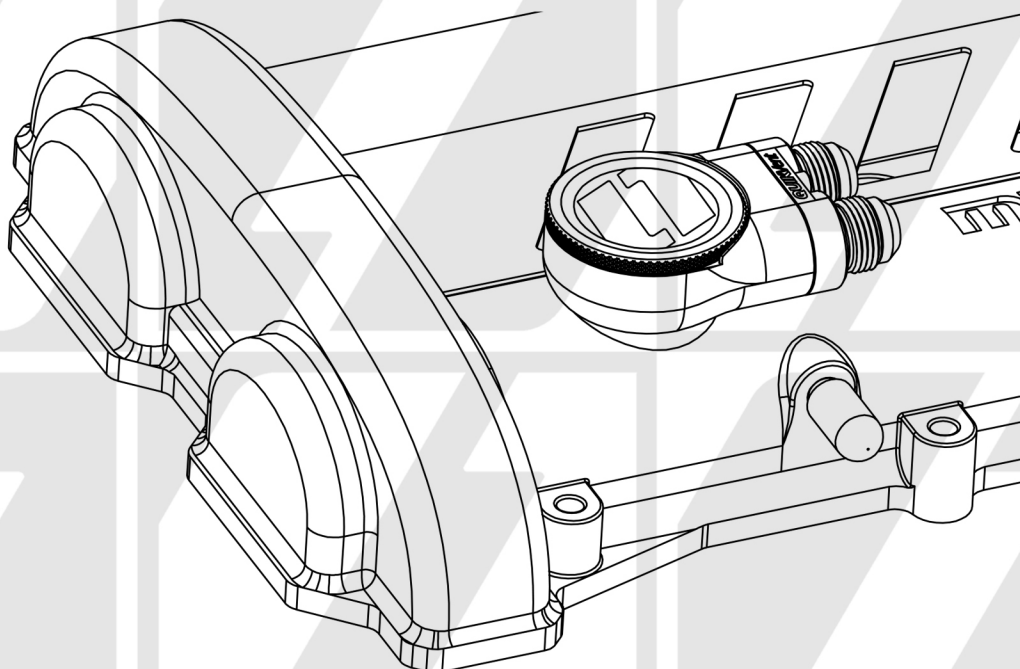
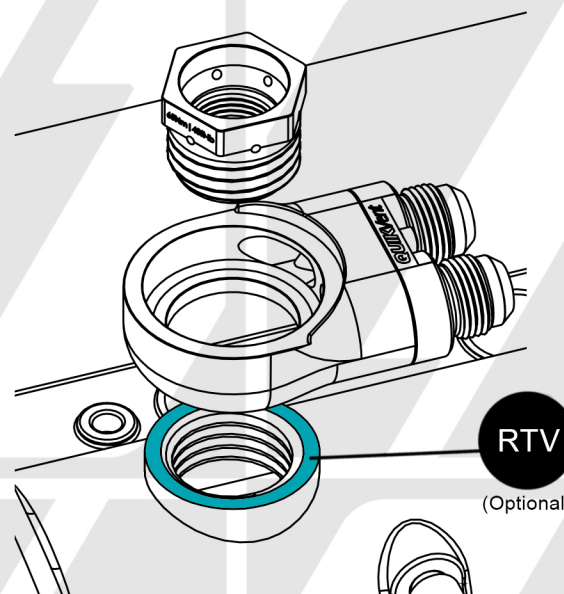
STEP 1: Remove the cap and mounting screw and check that the o-rings on the cap and housing are placed correctly.

STEP 2: Clean the o-ring sealing surface on the valve cover. For the most demanding use cases such as racing applications it is recommended to apply a small amount of grey RTV sealant to the sealing surface to help prevent the housing from rotating.

STEP 3: Clock the housing in the direction the hoses will be routed and hand tighten using a 35mm socket. **With a torque wrench, tighten the mounting screw to 48 ft-lbs.** It is important to let the RTV dry before running the engine.

STEP 4: Using an aluminum wrench, connect the (2) -10AN hoses to the oil cap fittings. Note: Due to the tight clearances to surrounding components it may be necessary to connect the hoses to the fittings prior to installing the cap onto the valve cover. Make sure the hoses are as relaxed as possible when installed. Excess tension or pressure on the hoses can cause loosening of the cap over time.

The installation is now complete.



NOW LET 'ER RIP!

