

BMS N54 135i/335i/535i Vacuum Oil Catch Can Install Guide

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Let the engine cool and remove the intake system.



Install the BMS BOV adapter onto the throttle body. Remove the brake boost line by pinching on the tabs and pulling to release. Once moved out of the way, insert the BOV adapter onto the throttle body and lock the E clip into place. Add Teflon tape or paste to the 1/8" NPT check valve fitting and tighten into the BOV adapter. If not equipped with a BOV install the block off cap on the 2nd 1/8" NPT fitting.



Tighten the quick connect fittings into the adapters as shown below, note the quick connect fittings come with Teflon tape pre-applied.



Lube up the O rings on the OCC fittings and insert them into the OCC bungs.





Install the OCC to the strut brace with the included bracket. Note photo below shows our optional boost side OCC. They mount next to each other if equipped with both.



Remove the engine cover to access the PCV valve and if needed remove the rear most high-pressure fuel line for additional space. Fuel will spill out of this fitting so have a shop towel placed below it.



Once removed remove the stock N54 PCV system and internals. Install the OCC fitting onto the valve cover which replaces the factory PCV.



Install the provided push lock tubing. Valve cover tube will be about 34" long and goes to the "IN" on the OCC can. The tube from the check valve will be about 12" long and will go to the "OUT" on the OCC can.





Make sure all push lock tubes are fully pushed and seated in. A little tug will ensure they're in correctly. Install the intakes and engine cover and installation is complete!



Future PCV Maintenance: PCV Check valve assembly as shown.

