

2.0L Vauxhall Cam cover breathing modification

This modification is for road use, we recommend a dry sump system for any competition or track day use.

On high revving engines or cars which reasonably high cornering speeds, oil will be forced up the breather tube on the side of the engine. The oil will then accumulate in the breather section on top of the cam cover breather plate and have no way of returning to the sump. The excess oil will then be blown out of the engine, either back into the intake system if a recirculation system is fitted or into an oil catch tank. This modification helps the oil to return to the sump by preventing it from being trapped on the breather plate.

1. Remove plate from inside cam cover.
2. Cut plate as shown and discard shaded area.
3. **REMOVE ALL TRACES** of sealant from inside cam cover - ****VERY IMPORTANT****(any sealant left will get into the oil galleries, reduce the oil pressure and damage the engine).
4. Secure remaining plate into cam cover using existing 2 screws and Locite 243.
5. Small breather tube on cam cover can be blanked off.
6. Larger breather (next to small one) can be vented to atmosphere or go to an oil catch tank. **Do not use recirculation as any oil that is present can enter into the engine induction system causing serious damage.**

