



## Oil Pan Vent Line Kit

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This system was designed to relieve excess pressure in the motor and the oil tank. The way motors work is when the pistons rotate to the bottom of the stroke (BDC), the pressure under the pistons needs to go somewhere. The longer the stroke and the bigger the bore, the more pressure you'll have. This air is forced through the gaps in your pinion bearing, then into your cam area. That pressure then moves to two areas of the motor. One area is up the push rod tubes and into the head breathers releasing into the atmosphere, your air cleaner or directed back into the intake manifold. The second place it can go is into the oil tank, the area above your oil level. As these motors get larger, in both Twin Cam and M8 motors, the more important this becomes. The oil tank and breathers don't have an adequate way to release the extra pressure that will build up in the motors, which will be noticeable on long runs at higher speeds. This kit allows the pressure in the oil tank to be reduced, allowing the motor to breathe better and be more efficient. However, even with our kit, you may still get some moisture in your filter. This is not uncommon. If you have installed our vent line kit and are experiencing excess amounts of oil, we recommend plugging it off until you can address the problem. Please take the time to see our tips on oil tank level and make sure to mark your dip sticks! If you have any questions, you can call our shop at 336-993-7068.

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