

# **“HKR3”**

**The modified breather design consist of**

- **The same (3) factory installed orifices to regulate the ventilating flow rates the way Porsche had designed it for these engines.**
- **A custom designed Provent supply pipe incorporating a check valve to control the reverse flow in and out of the rear cam cover elbow.**
- **A Provent oil separator with mounting brackets and optional check valve for returned oil flow from the Provent oil collection reservoir.**
- **Hoses (2) for connecting the Provent**

**Modifying the vent loop and adding an external oil separator (as seen in schematic #2 with a Provent brand oil separator) will eliminate any air that is mixed with excess oil or vapors from the rear PS cam cover to be returned to the TB intake.**

**The factory (standard) design is a bi-directional breather located inside/under the rear PS cam cover vent/elbow which breathes in at low throttle (fresh air in) and breathes out at half -WOT (air + oil mixture) a known condition for 928 Porsches is that a good amount of oil can be expelled from this vent)**