REAL™ Solution: Closed Crankcase Ventilation Retrofit
CV50638 - For a Cleaner, Safer Environment

REAL Performance.
• OEM Approved / Validated
• Filters up to 99% of oil drip from blow-by
• Filters up to 95% of aerosol vapors from blow-by
• Eliminates 100% of engine compartment fumes
• REAL World tested for over 300,000 miles

REAL Versatility.
• Applies to most diesel engine applications with up to 10L engine displacement (or up to 12ft³/min (340L/min) of crankcase blow-by)
• For certain OEM engines, retrofit kit can be applied to engine applications with up to 15L engine displacement
• Compact design mounts easily in engine compartment

REAL Serviceability.
• Up to 3 times longer service intervals than competition
• Easiest service design on the market with captive screws that remain in the cover during maintenance
• Filter serviceable from top or side
• School buses change CCV coalescing filter once every year or 1500 hours
• Stationary power, transit buses, refuse trucks, and on-highway applications replace CCV coalescing filter every 1000 hours
The Fleetguard Closed Crankcase Ventilation (CCV) Retrofit Kit protects the engine and provides the best solution for emissions removal – helping to reduce oil consumption by eliminating mist, aerosol vapors and oil drip in the engine compartment.

**Federal/State Retrofit Funding**
- Environmental Protection Agency (EPA) Verified
- Verification applies when used with Cummins Emissions Solutions diesel oxidation catalyst

*Please contact local or federal regulating agencies for info.*

**CV50638 Kit includes:**
- High efficiency coalescing filter assembly
- Crankcase Depression Regulator (CDR) Valve that regulates pressure between engine crankcase and turbocharger inlet
- CDR Valve bracket
- Oil drain-back to the engine oil sump

**Additional hardware (hoses, clamps, oil drain back fittings, etc.) required to complete installation.**

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**CV50638 CCV Coalescing Filter Assembly Specifications**
- Height (Overall) 13.7” (347.1 mm)
- Depth (Overall) 3.4” (87.3 mm)
- Width (Max) 11.5” (291.0 mm)
- Weight (Dry) 4.52 lbs (2.05 kg)
- Nominal Flow Rate 6 ft³/min (170 L/min)
- Nominal Flow Restriction 0.3 kPa (1.2 in H₂O)
- Rated Flow Rate 12 ft³/min (340 L/min)
- *Replacement Filter CV50633*