

OIL LEAKS CAUSED BY PRESSURE IMBALANCE

PRESSURE IMBALANCE:

A pressure imbalance is when pressure on one side of the seal exceeds the other side and pushes or pulls oil out of the turbo.

- Turbo seals don't just leak.
- They are a non-contact piston ring, not a rubber seal.

TYPICAL CAUSES OF PRESSURE IMBALANCE

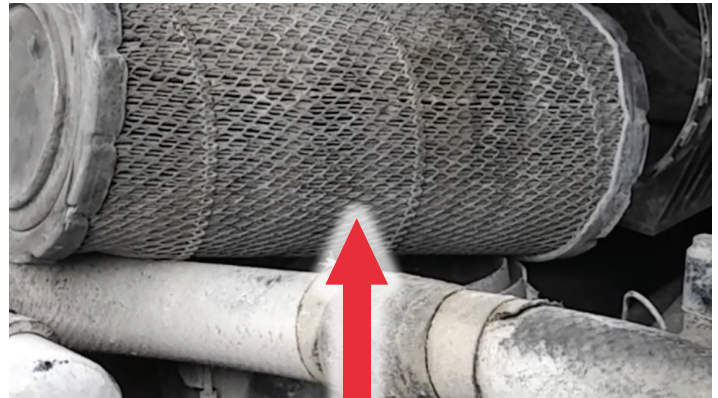
High Crankcase Pressure or High Blow By



CLOGGED
CCV FILTER

NEW
CCV FILTER

Restricted Air Filter or Aftertreatment (DOC/DPF)



CLOGGED
AIR FILTER

REFERENCES:

- **Cummins TSB210165** - CCV Oil Carryover Bulletin

- **Cummins Bulletin**
• **5659915** - CCV & Turbo Oil leak

RECOMMENDATIONS TO CHECK:

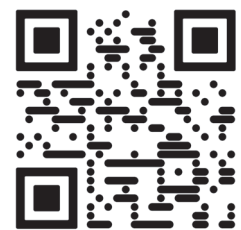


- Engine condition (Blow By)
- CCV Filter
- Air Filter restriction
- Aftertreatment restriction

TECH SERVICE HOT LINE

Call (844) 476-8500

8:00 AM – 6:00 PM EST



Use camera to
scan for more info