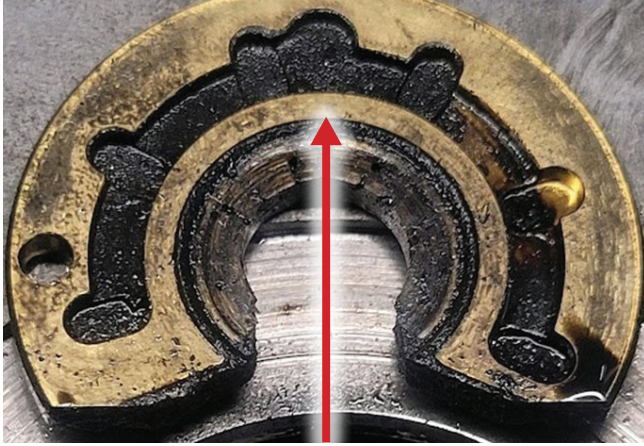


DON'T VOID YOUR WARRANTY!

CHANGE YOUR OIL!

Oil contamination or starvation will VOID WARRANTY.



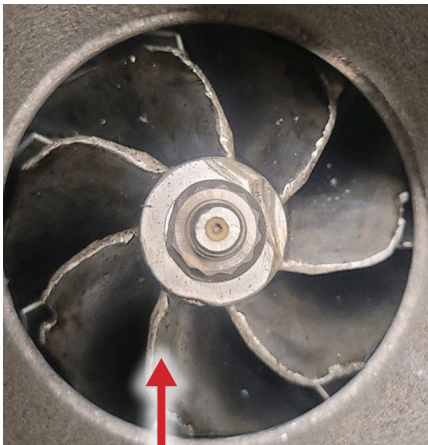
Deposit/Grit on worn bearing.



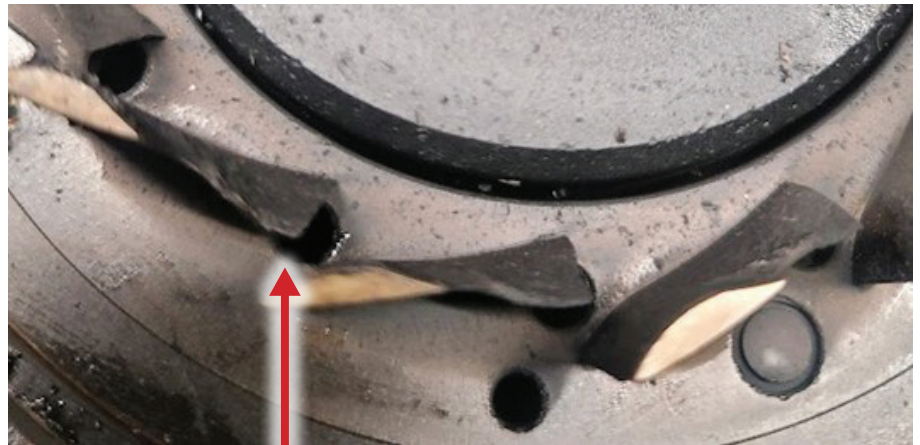
Turbo full of sludge.

CLEAN PATH FROM INTAKE FILTER - DPF AND MANIFOLDS.

Object damage will VOID WARRANTY.



Damage to inner fins can ONLY be caused by debris.



Bent VGT fins caused by debris impact (carbon/metal). Resulting in stuck actuator lever.

PRESSURE IMBALANCE WILL CAUSE OIL LEAK.

NOT COVERED BY WARRANTY.

Seal wear indicates poor engine condition and will cause oil to leak in turbo.



CHECKLIST

TURBO STARTUP

- **Diagnose and fix the original cause of turbo failure.**
- **Change oil/filter.** Inspect drain and feed lines & bypass valve.
- Replacing the oil feed line/pipe is recommended.
- Fix any leaks or restrictions at intercooler, hoses, EGR, PCV, crankcase filter/excess case pressure (blowby), & exhaust system. **Service/clean the DPF.**
- **Check exhaust manifolds are clear of debris.**
- Carbon chunks or metal pieces will damage your turbo.
- With drain line connected, fill turbo with clean oil.
- With oil feed removed & injector fuse disconnected - crank until clean oil is supplied. Connect feed to turbo.
- Tip: Wash engine to make leaks easier to locate.

TECH SERVICE HOT LINE

Call (844) 476-8500

8:00 AM – 6:00 PM EST

Use camera to
scan for more info

