



JUST THE FACTS

Ford 5.4L Variable Valve Timing (VVT) Kit

! For a complete job done right on Ford / Lincoln 5.4L engines

When components of the VVT system begin to fail, it can lead to rough idle, stalling, poor performance, damage and failure of other parts in the system. If one VVT solenoid or sprocket fails, it's likely the others are nearing the end of their service life, too. Not only do we recommend replacing both solenoids and sprockets at the same time, we recommend replacing all related timing chain components in the VVT system with high-quality Standard® or Blue Streak® VVT components for a complete job and to reduce comebacks.



Kit details on reverse side

VVT420K

Ford Expedition (2014-05), Ford F-150 (2010-04),
Ford F-250 Super Duty (2010-05), Ford F-350 Super Duty (2010-05),
Ford Lobo (2010-04), Lincoln Mark LT (2008-06), Lincoln Navigator (2014-05)

VIO Over 2.6 Million

Blue Streak® VVT Kit Components

1 VVT Sprocket (VVT500)

Blue Streak® VVT sprockets meet tight dimensional tolerances to improve internal sealing, minimize oil drain back, reduce frequency of PCM correction and deliver optimal performance.



2 VVT Solenoids (VVT101)

As a high-quality replacement, Blue Streak® VVT solenoids feature hard anodized components to ensure proper performance, precise operation, and long service life.



3 Timing Chain Tensioner



4 Timing Chains



5 Timing Chain Guide and Tensioner Arm



6 Drive Gear Sprocket



7 Crankshaft Position Wheel



8 Crankshaft Seal



9 Gaskets



Problems caused by failing VVT

- MIL illuminated
- Poor performance
- Engine noise
- Rough idle
- Stalling/cutting out

Tech Tip: Standard's Innovative Cam Gear Wedge Tool

Our custom-designed tool locks the sprocket in place preventing the chain tensioner from collapsing during your VVT repairs. Tip: Do not remove the wedge tool while the cam gear is out. If the tool comes out, the timing cover will need to be removed and the engine will need to be re-timed.

