

## COMP Cams® GM Gen IV VVT Cam Phaser Limiter Kits

**New development from COMP Cams® works with the latest in GM engine technology to optimize the performance & durability of 2007 & newer VVT-equipped LS engines**

In recent years, General Motors has developed the new L92 engine that utilizes Variable Valve Timing (VVT). This technology is regulated by cam phasers, which are computer controlled cam gears that optimize camshaft timing based on the current rpm and load. Although highly fuel efficient, this technology has limitations for those looking for a performance cam due to the wide range of valve timing movement and constantly changing piston-to-valve clearance.

COMP Cams® has recently addressed this concern of street performance and racing enthusiasts by developing the GM Gen IV VVT Cam Phaser Limiter Kit. This valve train modification restricts the range of cam timing from about 50° to 20°, allowing the necessary valve clearance for more aggressive hydraulic roller camshafts with tighter lobe separations, while still maintaining the benefits of GM VVT technology.

This package was designed and tested with COMP Cams® XFI™ SPR (Springs & Phaser Required) Cam Series, which has four application-specific cam grinds, from which to choose, and #26918 Beehive™ Valve Springs. The results of this valve train combination are some of the biggest gains in power and torque ever seen on LS engines. Best of all, these significant increases in the upper-rpm range do not sacrifice any bottom-end or mid-range performance.

This revolutionary performance modification includes the phaser limiter and all of the accessories needed for installation into the GM VVT cam phaser. For more information about the COMP Cams® GM Gen IV VVT Cam Phaser Limiter Kits or any other COMP Cams® product, call us at 1-800-999-0853, or visit us online at [www.compcams.com](http://www.compcams.com).



### Quick Summary

**Product:** COMP Cams® GM Gen IV VVT Cam Phaser Limiter Kits

**Part Number:** #5456

**Features & Benefits:**

- Restricts phaser movement to allow use of larger, more powerful cam profiles
- Large hp and torque gains with no loss of bottom-end or mid-range performance
- Designed for use with XFI™ SPR Cams & #26918 Valve Springs
- Kit includes phaser limiter & necessary components needed for installation