

*RE: GM Gen IV VVT Cam Core, 156 family and **new 189 family introduction***

**Summary:**

GM introduced a second style VVT cam actuator (aka phaser) in 2007 and ran two different cam actuators through 2007-2008+. The new style became the exclusive unit in most 2009+ engines.

- Original (old style) GM Part #12585994: 2007-2008 (uses cam core 156-)
- Current (new style) GM Part #12606358: 2007-2009+ (uses cam core 189-). The difference in camshaft core is the pin to centerline position.

The difference in the pin between 156 and 189 equates to 13 degrees cam retard (if a 156 is used where a 189 is required).

***For further information or technical services, please email us at [camhelp@compcams.com](mailto:camhelp@compcams.com), or call us at 1-800-999-0853.***