



## COMP Cams® Camshaft Powers X Prize Winner

**Winner of the Progressive Automotive X Prize uses COMP Cams® custom ground camshaft to reach 129 MPGe in real world driving conditions**

The Progressive Automotive X Prize competition to create a 100 MPGe passenger vehicle ended with team Edison2's Very Light Car (VLC) taking the top honors and a 5 million dollar prize in the Mainstream division. The VLC was powered by a RAETECH-built 250cc, single cylinder, fuel-injected, turbocharged, E85-powered engine using a custom COMP® camshaft.

With the help of engineers from RAETECH and COMP Cams®, Edison2's 4-passenger car weighed only 840 lbs. and reached fuel economy results of 129 MPGe highway during on-track testing at Michigan International Speedway. The VLC was also able to accelerate from 0-60 in 14.2 seconds. Both feats were accomplished while meeting EPA emission standards.

The quick acting camshaft used in the VLC utilized an advanced lobe design featuring short duration, high flow and high lift. Although it was specially designed for the X Prize project, the techniques involved in creating the camshaft utilized many of the technologies that were originally developed by COMP Cams® for NASCAR restrictor plate and motocross applications.

The Progressive Insurance Automotive X Prize was a world-wide competition in which teams worked to design and build cars that could achieve at least 100 MPGe in real world driving conditions. The cars also had to be safe, affordable and desirable. A \$10 million prize was split between three classes: Mainstream, Alternative Side by Side and Alternative Tandem. The ultimate goal of the competition was to help foster innovation that will ultimately lead to the creation of more efficient vehicle choices for consumers.

For more information about the COMP® camshaft used in the Progressive Insurance Automotive X Prize competition 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).



### Specs

**Team:** Edison2  
**Car:** Very Light Car (VLC)  
**Weight:** 840 lbs.  
**Engine:** 250cc  
**Fuel:** E85  
**Passengers:** 4  
**MPGe:** 129 (Highway)  
**Acceleration:** 0-60 mph in 14.2 seconds