

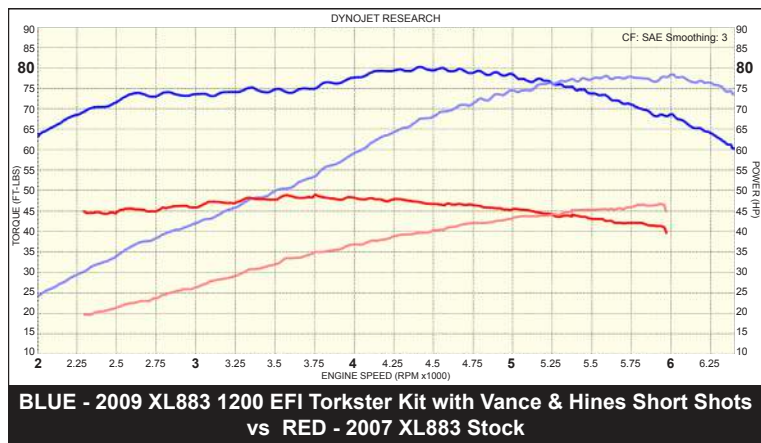
# Zipper's Torkster 883-1200



## The Torkster 883-1200 EFI Engine Kit

The Torkster 883-1200 conversion is a fantastic value in the power-per-dollar department, as it adds nearly 65% more power to the 883! The Torkster is not just a bore job to increase displacement, but a highly refined cylinder, head and engine management package that promotes big gains in power and torque.

The key is in the blueprinting of the head. After cleaning, new Step-Lock guides are hand-fit to new, high-flow stainless steel valves. Next, the bowl in the port is aligned to the center of the valve using a special form tool that promotes high velocity for optimum air to fuel atomization ratios. **The result is increased**



**fuel efficiency, and in layman's terms, a big, fat, long torque curve!**

The heads are delivered assembled with Viton® seals and a performance valve spring set; and after nearly 8 pounds of cast iron is removed from the cylinders\*, they are precisely fitted with lightweight, reverse-dome forged pistons. To provide proper fuel and ignition curves, the factory ECM is replaced with the versatile ThunderMax ECM with AutoTune, supplied with maps that ensure quick and accurate automatic AFR tuning. A Zipper's high flow air cleaner kit and complete top end gasket set is supplied. If you enjoy the feeling of strong power that really sits you back against the seat when you twist the grip, the Torkster kit is for you!

**Zip Tip:** 2004-up 883 Sportsters® have different primary and secondary gearing than the factory 1200's do (final 4.07 [883] vs. 3.52 [1200]). We recommend lowering the final drive gear ratio when converting an 883 to 1200 with our kits.



### PART NO. DESCRIPTION

**#517-197** Torkster 883-1200 kit, 2007-up\* 883

\*2014-Up model notes - If retaining the factory header pipes the factory 12mm oxygen sensor exhaust bungs must be modified to accept 18mm sensors. If using non-factory exhaust, if not equipped with 18mm oxygen sensor bungs, exhaust must be modified to accept 18mm sensors.

**\*Note for 2009 and Later 883 Owners – In 2009, H-D® made a change to the cylinder cast iron liner that no longer allows cylinder boring to 1200cc's. New 1200 cylinders may be required for these applications – check your cylinders at the bottom spigot for an aluminum O.D. Below the base gasket surface.**

These kits are available from any Zipper's Performance Products dealer, or you can send your carefully packed parts directly to Zipper's. The Torkster kit requires modification to your cylinders\* and heads. Your original 883 parts are modified and returned to you, ready for installation. In-shop time is generally 1-2 weeks. Please pack your parts carefully!

Products on this page are not for use on pollution controlled vehicles.



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