



110" Pistons and Cams

For 1999-2015 big twins

MAKE THAT BIG HOG REALLY RUN! S&S CAMS AND PISTONS FOR CVO 110

Not satisfied with 86 horsepower from your CVO 110 engine? Neither were we! Fortunately, we can show you how to make that big hog really run. Here's how.

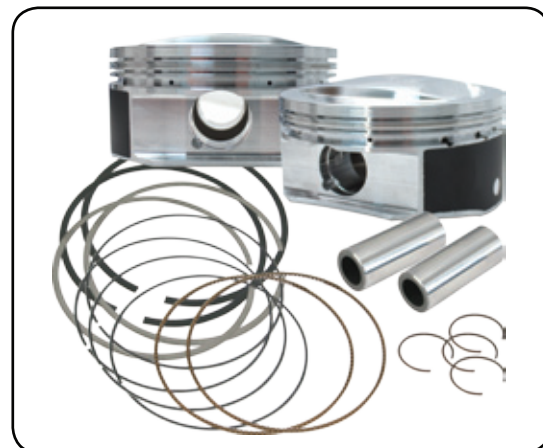
1. Install an S&S performance exhaust and air cleaner – *a must for any performance upgrade*
2. Install a set of S&S 585 bolt-in cams and tune the EFI system – *produces over 107 horsepower*
3. Increase the compression ratio from the stock 9.3:1 to 10.6:1 with S&S high compression pistons – *brings the horsepower up to 114*

FITMENT

- 2007-'15 Harley-Davidson® CVO 110 models

FEATURES AND BENEFITS

- Significant performance increase – *See the dyno chart*
- Don't trade torque for horsepower – *get more of both! See the dyno chart*
- Easy installation! All parts bolt in without splitting the cases or even removing engine from the frame
- S&S Easy Start Cams ensure reliable starting even with high compression pistons
- Easy EFI tuning with free calibration downloads for Dynojet® Power Vision® tuner or S&S EZ Loader – *no expensive dyno time required*



S&S 10.6:1 HIGH COMPRESSION PISTONS FOR HARLEY-DAVIDSON® CVO 110 ENGINES

Fitment	Deck Height	Wristpin Diameter	Standard	+ .010"
2007-up bt CVO 110" models	1.0895"	.927"	920-0114	920-0115

S&S 585 CAMSHAFTS FOR HARLEY-DAVIDSON® CVO 110 ENGINES

Cam Style	Easy Start*	Standard
Chain Drive 585 cams (includes installation kit)	106-5233	106-4382
Gear Drive 585 cam kits (includes inner and outer gears and installation kit)	106-5225	33-5268

*S&S Easy Start cams feature a built-in automatic compression release for reliable starting. For more information go to <http://www.sscycle.com/easy-start-cams/>

Not legal for sale or use on CA or EPA pollution controlled motorcycles.

The Horsepower Grind

The S&S 585 cams have been our go-to bolt-in horsepower grind for over 14 years. Back in 2001 we knew we had a winner, and we've never been able to beat it with a bolt-in cam. Nobody else has even equaled it. S&S Camshafts are computer designed and manufactured in-house in our facility in Viola, WI.



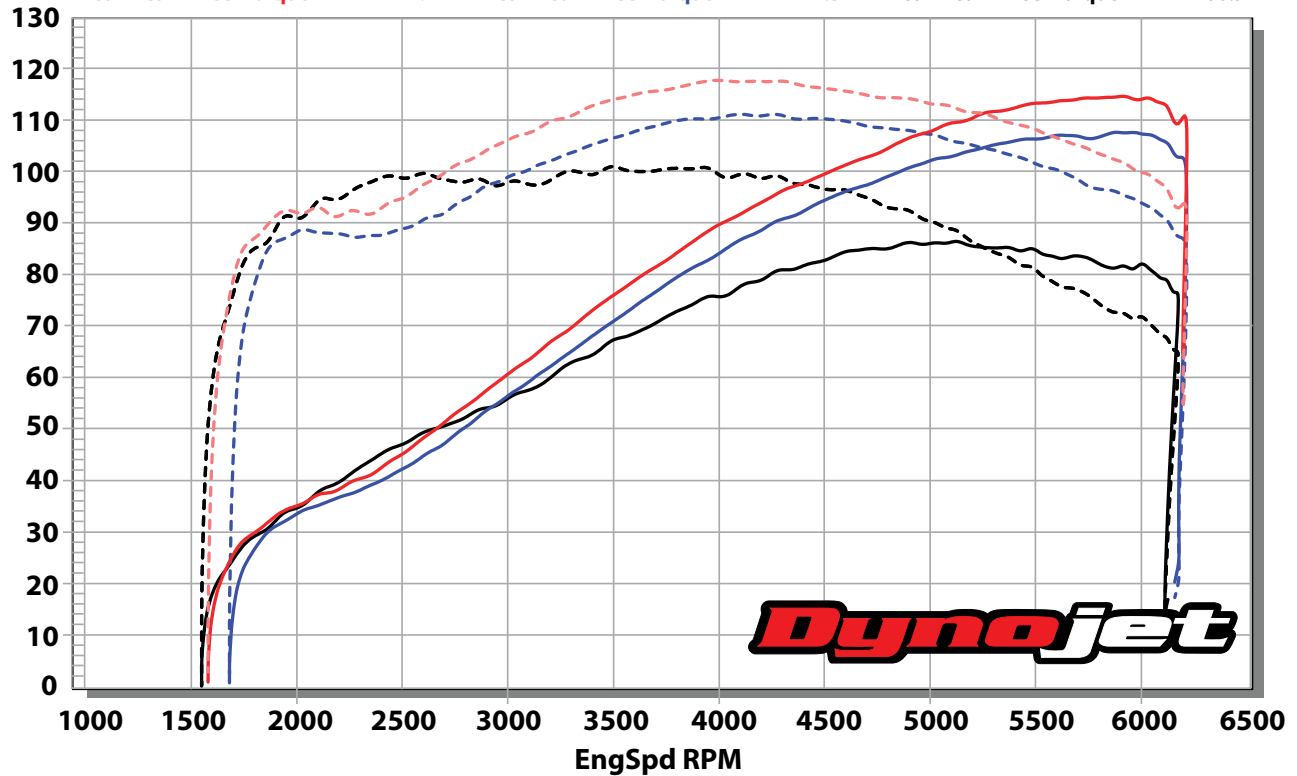
www.performancecycle.co.nz

Proven Performance® Products
FOR AMERICAN V-TWINS



Dyno Comparison Stock 2008 Harley-Davidson® CVO 110 FLH Vs. S&S 585 Cams & High Compression Pistons

2008 CVO 110 585 Cams/S&S HC Pistons	2008 CVO 110 585 Cams/Stock Pistons	Stock 2008 CVO 110 FLH	
Peak Rear Wheel HP	114.6	107.6	86.4
Peak Rear Wheel Torque	117.7	112.3	100.9



The Dynojet® 250i chassis dynamometer shows how this 2008 Harley-Davidson® CVO FLH revealed its true potential with the addition of S&S performance exhaust, intake and 585 cams. The top set of curves show that bumping the compression with S&S 10.6:1 pistons really wakes up the engine and makes over 114 horsepower. That's a total increase of over 28 horsepower or nearly 33%! All tests were done with the stock 50mm throttle body. Make even more power with an S&S 58mm Throttle Hog or cable controlled throttle body.



www.performancecycle.co.nz

Proven Performance® Products
FOR AMERICAN V-TWINS

