

# Shovel Owners and Custom Builders... The 84" Special Is Just For You!

Whether you are refurbishing a stock shovel or building a retro custom, the SH84 Special is a great choice. Why rebuild a tired 74" or 80" motor when you can upgrade to a brand new SH84 Special for about the same cost? And forget about that long search for a vintage stock engine — *a new SH84 will save you time and money, and give you better performance.*

## The Perfect Daily Driver!

The relatively short 4 $\frac{3}{8}$ " stroke coupled with the 3 $\frac{1}{2}$ " bore ensures long engine life and minimal vibration, but more power. The SH84 Special makes full use of the large 84" displacement — *providing a significant increase in performance* with high flowing S&S cylinder heads, S&S Super Stock® ignition system, and Super E carburetor (see dyno chart on next page). The valve train features super-quiet 1984-'99 style S&S hydraulic tappets, S&S 585V camshaft, S&S Quickee pushrods, and S&S roller rocker arms.

The SH84 Special has natural aluminum finish crankcase and heads, and the cylinders are finished with a durable black powdercoat. As an added touch, S&S includes polished billet rocker boxes and tappet guides. The SH84 Special is the same height as a stock shovelhead engines — *fits in stock frames with no modification!* Bolts directly into 1970-'99 chassis designed for Harley-Davidson® shovelhead or Evolution® big twin engines.

## SH84 Special Features:

- 84" displacement — short 4 $\frac{3}{8}$ " stroke and 3 $\frac{1}{2}$ " bore for less vibration
- Improved Performance (see dyno chart on next page)
- Quiet — S&S hydraulic valve train with roller rocker arms
- S&S polished billet rocker boxes
- S&S Super Stock single fire ignition module included (requires a single fire coil)
- Stock height — fits stock frames without modification
- Two year warranty



The SH84 Special is a great looking engine at a great price. Polished billet rocker boxes and tappet guides set off the black powdercoated cylinders and the natural aluminum finish of the crankcases. S&S cylinder heads, Super E carb, 585V camshaft make this a powerful engine for its size, without sacrificing reliability or engine life.

S&S® SH84 Special Engine Specifications							
Engine	Displacement	Bore	Stroke	Carb	Camshaft	Piston Type	Compression Ratio
SH84 Special	84CID/1380cc	3 $\frac{1}{2}$ "	4 $\frac{3}{8}$ "	Super E	S&S 585	S&S Forged	9:0

SH84 SPECIAL ENGINE for 1970-'84 big twins

MSRP \$5,825.00

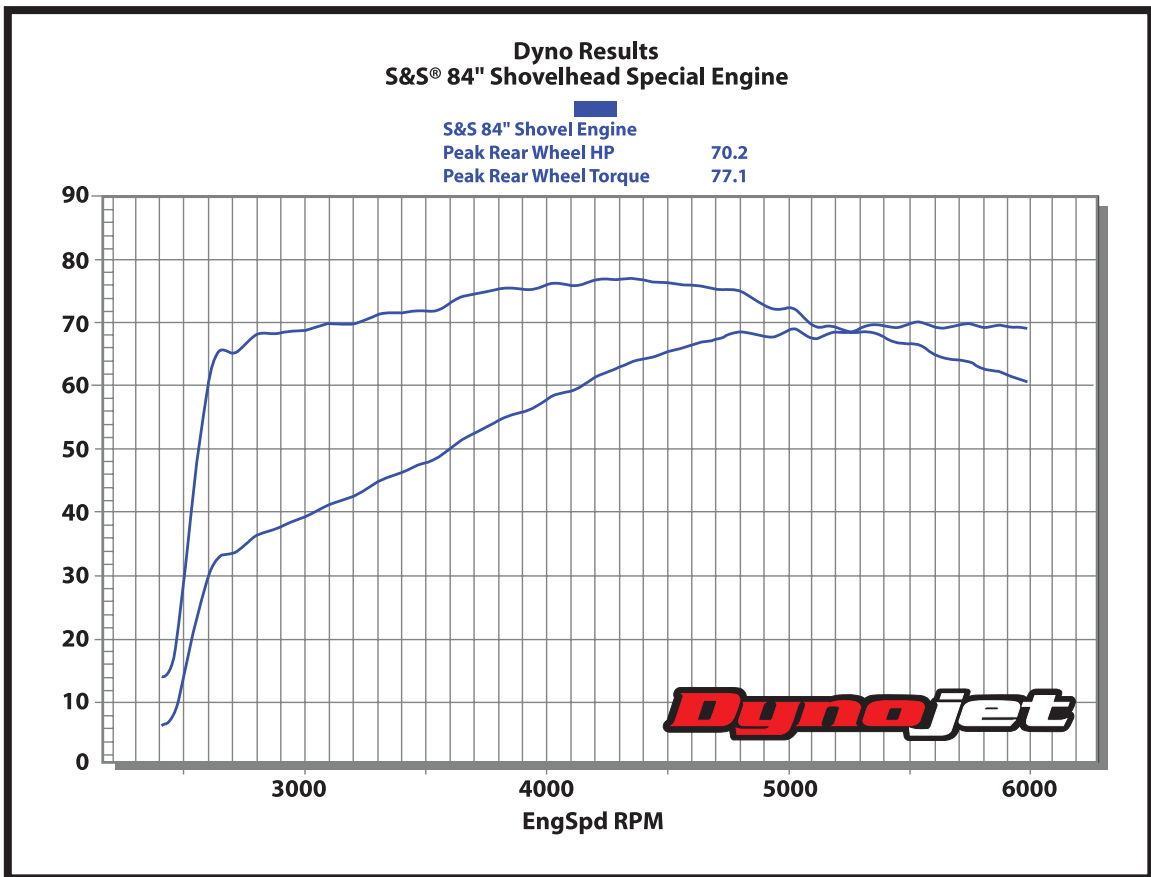
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# DYNO RUN

Let's see what the SH84 Special can do!



The DynoJet 250i chassis dynamometer shows what the SH84 Special can do. This SH84 Special with S&S teardrop air cleaner, S&S slip-on performance tapered mufflers, Super Stock® Ignition performs better than a stock Shovelhead.

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