



ENGINES



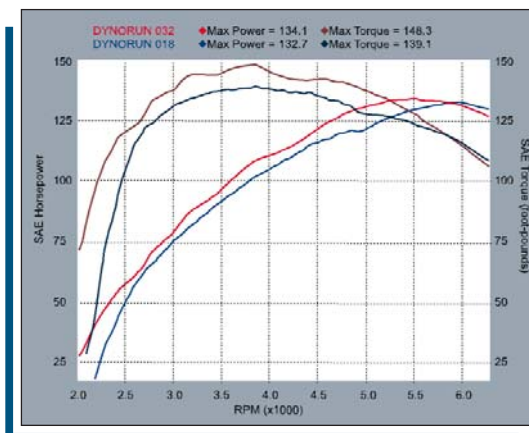
Polished SSW+ Engine with S&S IST Ignition system. IST equipped engines carry an extra year of warranty. Note the special billet gearcover.

SUPER SIDEWINDER™ PLUS EVOLUTION STYLE ENGINES

If you are looking for the most powerful Evolution style production engine available for the street, your search ends here. The S&S 124", 4 1/8" bore Super Sidewinder™ Plus (SSW+) engine is it. The 124" SSW+ has become our most popular engine since its introduction. Not just because it is big, but because it makes unbelievable power. This engine will fit in a stock H-D frame, but the performance is anything but stock. We recommend this engine only for experienced riders who are seeking the ultimate in street performance. The S&S HVHP oil pump, S&S compression releases, piston cooling oil jets, chrome plated die cast rocker covers, and roller rocker arms are standard equipment on every SSW+ engine. That gives you performance, reliability, and improved engine life. Who says you can't have it all?

OPTIONS AVAILABLE – S&S 124

- ◆ Your choice of natural aluminum, black powdercoat, or polished finish.
- ◆ Natural finish engines are available with either cast tappet guides and gearcover or with S&S billet tappet guides and gearcover. Black and polished engines are available with billet tappet guides and gearcover only.
- ◆ Natural finish engines are available either assembled or unassembled. Black and polished engines are available assembled only.
- ◆ S&S Intelligent Spark Technology knock sensing ignition. Engines purchased with the S&S IST ignition carry an extra year of warranty because we are so confident that this ignition will prevent damage to the engine due to knock or detonation or over revving during the break-in period. Engines with IST feature a special billet gear cover and are available only with billet tappet guides. Not recommended for kick start applications.
- ◆ Your choice of an S&S Super G carburetor or an S&S Variable Fuel Injection system. Order induction kit separately for fuel injected engines.



Upper curves show S&S VFI Tuned Induction System. Lower curves show S&S VFI Teardrop Induction System. Both tests were performed on a 1996 Road King with a 124" VFI Engine and Supertrapp 2 into 1 exhaust.

Dyno results from DynoJet 150 chassis dynamometer at S&S Cycle's Research and Development facility in Viola, WI.

A VFI INDUCTION KIT MUST BE ORDERED SEPARATELY TO COMPLETE VFI ENGINES.

ORDER AN S&S VFI INDUCTION KIT	
S&S VFI Teardrop Air Cleaner Induction Kit, Chrome	17-0413
S&S VFI Tuned Induction Kit, Burnished	17-5051
S&S VFI Tuned Induction Kit, Black	17-5052
S&S VFI Tuned Induction Kit, Polished	17-5053

SPECIFY FINISH AND FUEL SYSTEM WHEN ORDERING.

S&S 124 - 124" SSW+ EVOLUTION STYLE ENGINE SPECIFICATIONS						
Bore	Stroke	Displacement	Camshaft	Piston Type	Compression Ratio	Part Number
4 1/8"	4 1/8"	124"	S&S 640	S&S Forged	10.8:1	31-9396