

T143 Long Block Engines

For 2008-up Touring Models

If Bigger is Better, the T143 is the Best...
The BIGGEST, BADDEST, BOLT-IN for a Stock Frame.

All joking about size aside, it does matter. The S&S T143 Long Block engine for 2008-later Harley-Davidson® touring models is the largest S&S engine that will fit in a stock Harley-Davidson® chassis. It's big, 143 cubic inches. 'Nuff said.

At double the HP of a stock motor the power of the T143 requires technical expertise for the installation and tuning along with an experienced rider. This is an ultra performance/race engine. Longevity, engine noise, vibration and throttle sensitivity have all been compromised to reach this level of performance while fitting in a stock chassis and as such is not suitable for every situation. It is the purchaser's responsibility to consider the suitability for their application. Engine noise and damage from abuse is not covered under warranty.

FITMENT

- 2008-later Harley-Davidson® touring models

FEATURES AND BENEFITS

- Fits in stock chassis – no cutting or frame modifications
- S&S B3 cylinder heads CNC machined with 2 bolt exhaust flanges
- S&S Super Stock T2 Crankcases with reed breather valve
- 3 Piece Flywheels
- S&S high flow oil pump and cam cover
- S&S 635 Easy Start Gear Drive Cams and S&S 1.725:1 rocker arms for .674" total lift.
- S&S Premium High Performance Tappets

OPTIONS

- Wrinkle Black or Stone Gray powder coat finish

SUGGESTED ACCESSORIES

- High Flow Injectors – S&S suggests using Ractronix fuel injectors, PN F1114700
- Dynojet® Power Vision® for tuning



S&S® T143 ENGINES WITHOUT FUEL AND IGNITION SYSTEMS

Chassis Style	Displacement	Bore	Stroke	Cam	Piston Type	Compression Ratio	Warranty Period	Finish	Part No.
2008-up Touring Models	143"	4.425"	4 5/8"	635	S&S Forged Flat Top	10.5:1	6 months parts only	WBlack	310-0548
								Stone Gray	310-0549

This product is intended only for closed course competition use and is not legal for sale or use on CA or EPA pollution controlled vehicles.

REQUIRES OIL LINE INSTALLATION KIT. See chart.

S&S® INSTALLATION PARTS

Description	Part Number	
Oil Line Kit	310-0435	
Transmission Drilling Fixture Kit	530-0006	
Head Mount Bracket	2009-up bt	900-0798
	2008 bt	900-0797

Description	Part No.	
70mm Induction Kit*	170-0253	
Rocket B3 2 into 1 Exhaust System	Chrome	550-0535
	Black	550-0536

**Includes a 70mm S&S Throttle Hog specially designed for the T143 engine in which a functional, stock, throttle by wire throttle body must be supplied to build. See page 1-31 for more details.*

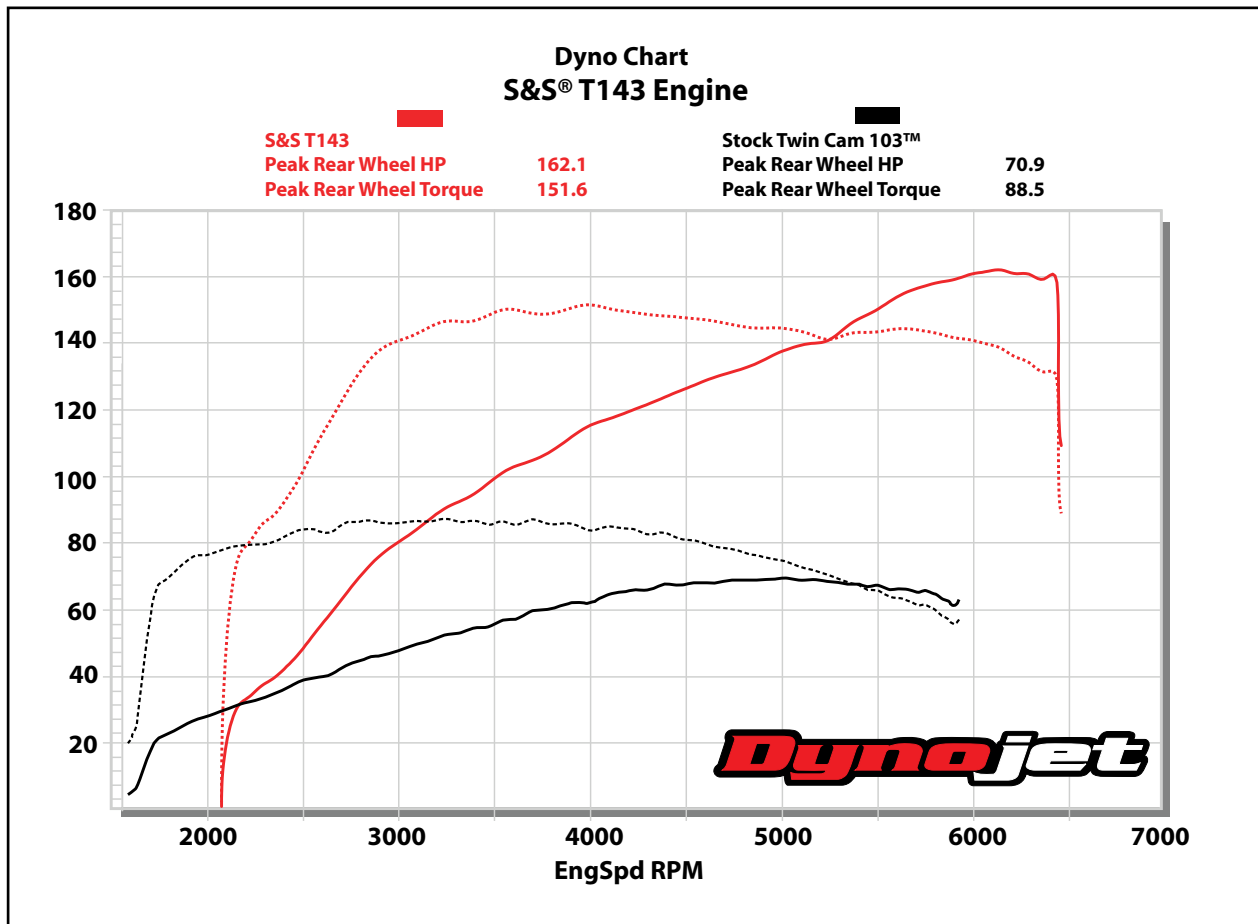
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The dyno chart for the S&S T143 engine dwarfs the chart for a stock Harley-Davidson® Twin Cam 103™ engine. With roughly 128% more horsepower and 71% more torque, the T143 is the ultimate performance upgrade for 2008 and later baggers with stock chassis. That's probably the only way the word "stock" should be used to describe this engine. Results from the Dynojet 250i chassis dynamometer.



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