



Case Set

For TC-88 Models

1984-91 Evolution Type



124" Engine Upgrade Kit

S&S 124" Twin Cam Hot Setup Kit allows owners of 1999-up 96" Twin Cams to upgrade to 124" using the stock crankcases. Kits include 4 $\frac{5}{8}$ " flywheels, .640 gear drive cam set, 4 $\frac{1}{8}$ " bore cylinders, pushrods, roller rocker arms, 91cc cylinders heads (10.8:1 compression), electric compression releases and chrome rocker boxes. Available in natural.

VT No. Fits

10-0494 2006-up FXD, 2007-16 FLT

Replacement Pistons and Rings for S&S motors. Piston kits include rings, wrist pins and clips. Replacement ring sets are for two pistons.

Motor	Bore Size	Standard	.010	.020
111"	4 $\frac{1}{8}$ "		11-1561	11-1562
113"	4"	11-1410	11-1411	11-1412
124"	4 $\frac{1}{8}$ "			11-1558

Replacement Ring Sets for S&S Pistons Only.

Bore Size	Standard	.010	.020
4"	11-1300		
4 $\frac{1}{8}$ "		11-1401	11-1402



Motor Plaques measure 18" x 24" and are made of metal. **Motor Plaque Set** includes 9 plaques. VT No. 48-1811

S&S Crankcase Sets are shipped set up with Timken left side bearing and race assembly, seal and seal spacer, oil pump drive bushing, needle bearing and pinion race for right side, (pressed in and line honed) ready to assemble. Also included are cylinder studs, nickel plated case bolts, crankcase fittings and a timing and magnetic drain plug. Accepts wheels up to 8 $\frac{1}{2}$ " diameter. Note: Oil pump required for assembly.

VT No.	Year/Model	Bore	Oil Pump
10-0000	1984-91 V2 Type	Stock	12-8002
10-0005	1992-98 V2 Type	Stock	12-9975
10-0575	1992-99 V2w/EFI	Stock	12-9975
10-0576	2000-06 TC-88A	Stock	Stock
10-0291*	TC-88A/Evolution	Stock	Stock
10-0001	1984-91 V2 Type	3.878 (3 $\frac{5}{8}$ ")	12-8002
10-0011	1992-99 V2 Type	3.878 (3 $\frac{5}{8}$ ")	12-9975
10-0577	2000-06 TC-88A	4.00	Stock
10-0292*	TC-88A/Evolution	4.00	Stock

*Note: Features Evolution Engine Mounts.

1 cubic inch = 16.38 cc

1 cubic inch = .0163871 liter

Cubic Inch = $\pi r^2 \times \text{Stroke}$

r = 1/2 of Bore

		CUBIC INCH CHART								
		Stock 74				Stock 80				
		STROKE	3 $\frac{1}{2}$ "	3 $\frac{13}{16}$ "	3.968"	4 $\frac{1}{4}$ "	4 $\frac{1}{2}$ "	4 $\frac{5}{8}$ "	4 $\frac{3}{4}$ "	5.00"
B O R E	2 $\frac{3}{4}$ "			45"	74"	80"				
	3 $\frac{5}{16}$ "	61"								
	3 $\frac{7}{16}$ "	64.8"		73.7"	78.7"	83.4"	85.7"	88.0"	92.8"	
	3 $\frac{1}{2}$ "	67.2"		76.3"	81.6"	86.6"	89.0"	91.4"	96.1"	
	3 $\frac{5}{8}$ "	72.1"		81.7"	87.4"	92.9"	95.5"	99.0"	103.2"	
	3 $\frac{11}{16}$ "	74.6"		84.7"	90.7"	96.1"	98.8"	101.5"	106.8"	
	3 $\frac{3}{4}$ "	79.9"		90.6"	97.0"	102.8"	103.7"	108.9"	114.2"	
	3 $\frac{7}{8}$ "	82.3"		93.4"	100.1"	100"	108.9"	111.9"	117.8"	
	4.00"	87.9"		99.7"	106.8"	113.0"	116.1"	119.3"	125.6"	
	4 $\frac{1}{8}$ "	93.4"		106.0"	113.5"	120.2"	123.5"	126.9"	133.6"	
4 $\frac{1}{4}$ "	99.2"		112.6"	120.5"	127.6"	131.1"	134.7"	141.8"		