



ANDREWS
HIGH PERFORMANCE CAMS & GEARS

Andrews Cams for Early Sportster Models

'Y' Cams

Biggest cams available for no headwork installation. Excellent mid-range and upper end power. Can use stock springs. A 9:1 or higher compression ratio is required for best performance. Sold in sets.

011328 Fits Sportster models from 57-70

011329 Fits Sportster models from 71-80

011330 Fits Sportster models from 81-E84*

'PB+' Cams

Great bolt-in cams for more power throughout the rpm range. No headwork required. Can use stock springs up to 7000 rpm. Sold in sets.

011325 Fits Sportster models from 71-80

Grind	Open	Close	Duration @ .053	Valve Lift
'Y' Grind				
Intake	35°	47°	262°	.425"
Exhaust	53°	29°	262°	.425"
'PB+' Grind				
Intake	34°	40°	254°	.410"
Exhaust	43°	31°	254°	.410"

*Note: 1982 models may require spring spacing



Crane Tune-A-Cam Kit

Now it's quick-and-easy to degree your camshaft for maximum performance with this unique kit. Includes a large, easy-to-read degree wheel, dial indicator, TDC locator, and lightweight checking springs packed in a high-impact plastic case. You can also check camshaft and crankshaft end play, shaft and gear runout.

20132 Complete kit

22298 Degree wheel ONLY



Cam Gear Gauge Pins

These pins are used to properly determine cam and pinion gear sizes. Sold in pairs.

24196 0.105"-diameter BT 54-89

24197 0.108"-diameter BT 90-Up and aftermarket



Top Dead Center Piston Stop Tools

These handy tools from Crane Cams are used to set the piston at TDC. Fit all Big Twin and Sportster models from 36-13. Sold each.

24522 Fits 14mm sparkplug holes

24523 Fits 12mm sparkplug holes



20211



20084

Cam Shims for Big Twins

For all Big Twins from 36-99, and made in the U.S.A. Each shim from the set is available in shop supply packs of five each.

Shims Available in 11 Different Sizes

Sold in packs of 5.

20211 .050" thick (OEM 25550-36)

20212 .055" thick (OEM 25551-36)

20213 Cam shims .060" thick. (repl. OEM25552-36) Pack of 5

20214 Cam shims .065" thick. (repl. OEM25553-36) Pack of 5

20215 Cam shims .070" thick. (repl. OEM25554-36) Pack of 5

20216 Cam shims .075" thick. (repl. OEM25555-36) Pack of 5

20217 Cam shims .080" thick. (repl. OEM25556-79) Pack of 5.

20218 .085" thick (OEM 25557-79)

20219 .090" thick (OEM 25558-79)

20220 .095" thick (OEM 25558-79)

20221 .100" thick

Cam Shims for Sportster Models

A must when setting up new cams. Fit 57-85 Sportster engines. Packs of 10.

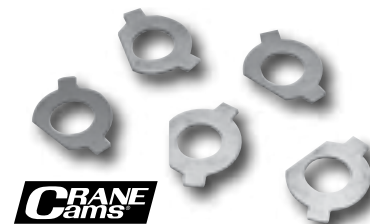
20084 .007"-thick (repl. OEM 6769)

20085 .005"-thick (repl. OEM 6770)

Cam Thrust Plates

American-made reproductions of the Original Equipment part. Fit all Big Twins from 58-99. Pack of 5.

25404 Thrush washer, cam gear. (repl. OEM 25550-57) Pack of 5.



Outer Cam Chain Guide

Replacement outer cam chain guide for 99-06 Twin Cams (except 06 Dyna). Replaces OEM# 39965-99, sold each.

688196 Cam chain guide