



WILD THINGS TC-4U CAMS 473

FITS: '99-'06 TWIN CAM ENGINES (EX. '06 DYNA)

CUSTOMER SERVICE
877.370.3604 (toll free)

INSTALLATION QUESTIONS
techsupport@kuryakyn.com
or call 715.247.2983

LIMITED WARRANTY

Kuryakyn warrants that any Kuryakyn products sold hereunder, shall be free of defects in materials and workmanship for a period of one (1) year from the date of purchase by the consumer excepting the following provisions:

- Kuryakyn shall have no obligation in the event the customer is unable to provide a receipt showing the date the customer purchased the product(s).
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- Kuryakyn makes no warranty of any kind in regard to other manufacturer's products distributed by Kuryakyn. Kuryakyn will pass on all warranties made by the manufacturer and where possible, will expedite the claim on behalf of the customer, but ultimately, responsibility for disposition of the warranty claim lies with the manufacturer.

ABOUT OUR CATALOG

You'll find all our innovations for H-D, GL and Metric Cruisers in our annual catalogs. Order online today—select the "CATALOGS" icon. Each Kuryakyn product comes with a Proof-of-Purchase good for a complimentary catalog. Details in packaging.

Be sure to ask your local dealer about other Kuryakyn products, the motorcycle parts and accessories designed for riders by riders.

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SPECIFICATIONS

	Lift (in)	Lift at TDC (in)	Opening (degrees)	Closing (degrees)	Duration (degrees)	Lobe Center (degrees)
Intake	.560	.217	26°	54°	260°	104°
Exhaust	.550	.181	52°	20°	252°	106°

With Kuryakyn's innovative help, you don't have to buy a new bike to enjoy the benefits of Harley's new cam drive and larger volume oil pump!

Gone are the noisy and unreliable spring loaded tensioners of the pre 2007 bikes! Now you can get the performance and drivability of Wild Things cams and upgrade your 1999 to 2006 Twin Cam to Harley's new roller chain drive with hydraulic tensioners and the higher volume oil pump of the 2006 Dyna and all 2007 Twin Cam models. Our specially designed cams allow the use of the new cam drive parts to give you a quieter, more reliable drive system.

There are advantages to using this system over gear drive cam systems. The new chain drive system is easier to set up than a gear drive system. The chain is also more tolerant of out of tolerance pinion run-out. Some bikes experience noise with gear drives, the new roller chain system will be quieter in these cases. With Wild Things quiet running cam profiles and the new drive system, your engine should be whisper quiet and have the great performance the Wild Things cams are known for.

The new higher volume oil pump is another plus from this upgrade. More consistent and better oil pressure along with better scavenging will allow your bike to run its best and last longer.

IMPORTANT INFORMATION:

- Recommended for 88-103 inch motors. Increased compression, head work, large carb/throttle body, and performance pipes will really make this cam shine. Works well in stock motors and has produced 93 horsepower in an 88 inch with no head work and stock throttle body. Well over 110 horsepower is possible in a modified 95 inch.
- These cams are designed to allow use of the stock starter in larger than stock engines and help eliminate detonation up to 10.5:1 compression
- High-Lift springs required.
- Valve-to-valve and valve-to-piston clearance should be checked.
- It is important to check for lobe-to-case clearance. Material may need to be removed above the main bearing.
- Converting 1999-2006 silent chain cam drives to the 2006 Dyna/2007 Twin Cam roller chain requires new parts from H-D in addition to the cam shaft set from Kuryakyn. These parts are listed in the H-D 2006 Dyna parts catalog (#99439-06) or the applicable 2007 parts catalog for each bike. These manuals are available from any H-D dealer. Please refer to the chart on the next page.

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H-D P/N	DESCRIPTION
26037-06	Oil pump assembly
25355-06	Cam support plate assembly
4741	Support plate screws
11461	Retaining ring (front cam)
25683-06	Inner roller chain
39969-06	Inner chain tensioner
25675-06	Outer roller chain
39968-06	Outer chain tensiomer
25729-06	Spacer (.100 for cam alignment; use as required)
25731-06	Spacer (.110 for cam alignment; use as required)
25734-06	Spacer (.120 for cam alignment; use as required)
25736-06	Spacer (.130 for cam alignment; use as required)
25737-06	Spacer (.140 for cam alignment; use as required)
25738-06	Spacer (.150 for cam alignment; use as required)
25673-06	Crankshaft sprocket (17 teeth)
25728-06	34 Tooth stock rear cam sprocket (Only used with 2002 and later engines)
Kuryakyn P/N 474	Andrews rear cam sprocket (34 teeth) (Must be used with '99-'01 engines)

Refer to factory service manual for all procedural questions.

Ride On!