



## Installation Instructions

### Chain Drive Camshaft Sets for 2017 to Current Harley-Davidson® Big Twins

1- The Rocket Cams® Chain Drive camshafts now fit 2017 to current Harley-Davidson® Milwaukee 8® engines, (verify your model year before installing). These high quality Rocket Cams® use the existing stock chain drive system.

2- Before proceeding with the camshaft removal and installation, it is strongly recommended that the appropriate Harley-Davidson® factory service manual instruction procedures are followed and appropriate tools used. Special attention should be paid to the proper method of removal, cleaning, thread Loctite, torque specifications, and torque sequence.

3- Rocket Cams® offers several different cam profile combinations for 2017 to current big twins. Depending upon the other modifications performed to the bike, it is recommended to check clearances and specifications during installation. Rocket Cams® camshafts with .474" valve lift, or less, should not cause any clearance issues. On higher lift profiles, valve train clearance must be checked to detect binding or inadequate travel.

4- The stock Harley-Davidson valve train does not make any provision for adjusting pushrod length. When changing camshafts, it is often necessary to adjust pushrod length due to changes in the base circle

size of the cam lobes. Rocket Cams® suggests adjustable pushrods for these applications.

- Note the Rocket 444, 464 and 474 camshafts are stock base circle cams and do not require adjustable pushrods.



Chain Drive Milwaukee 8 Cam

#### DISCLAIMER:

Rocket Cams® are designed for high performance, closed course, racing applications and are intended for the very experienced rider only. The installation of Rocket Cams® may void or adversely affect your factory warranty. In addition, such installation and use may violate certain federal, state, and local laws, rules and ordinances as well as other laws when used on motor vehicles used on public highways, especially in states where pollution laws may apply. Always check federal, state, and local laws before modifying your motorcycle. It is the sole and exclusive responsibility of the user to determine the suitability of the product for his or her use, and the user shall assume all legal, personal injury risk and liability and all other obligations, duties, and risks associated therewith.

### 2017-up M-8 Camshafts Camshaft Specifications

Cam Model	Intake Open	Intake Close	Exhaust Open	Exhaust Close	Valve Lift
*444	4	20	50	14	.444
*464	6	28	62	30	.464
*474	14	34	52	20	.474
544	16	44	60	24	.544
594	20	55	60	20	.594

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