



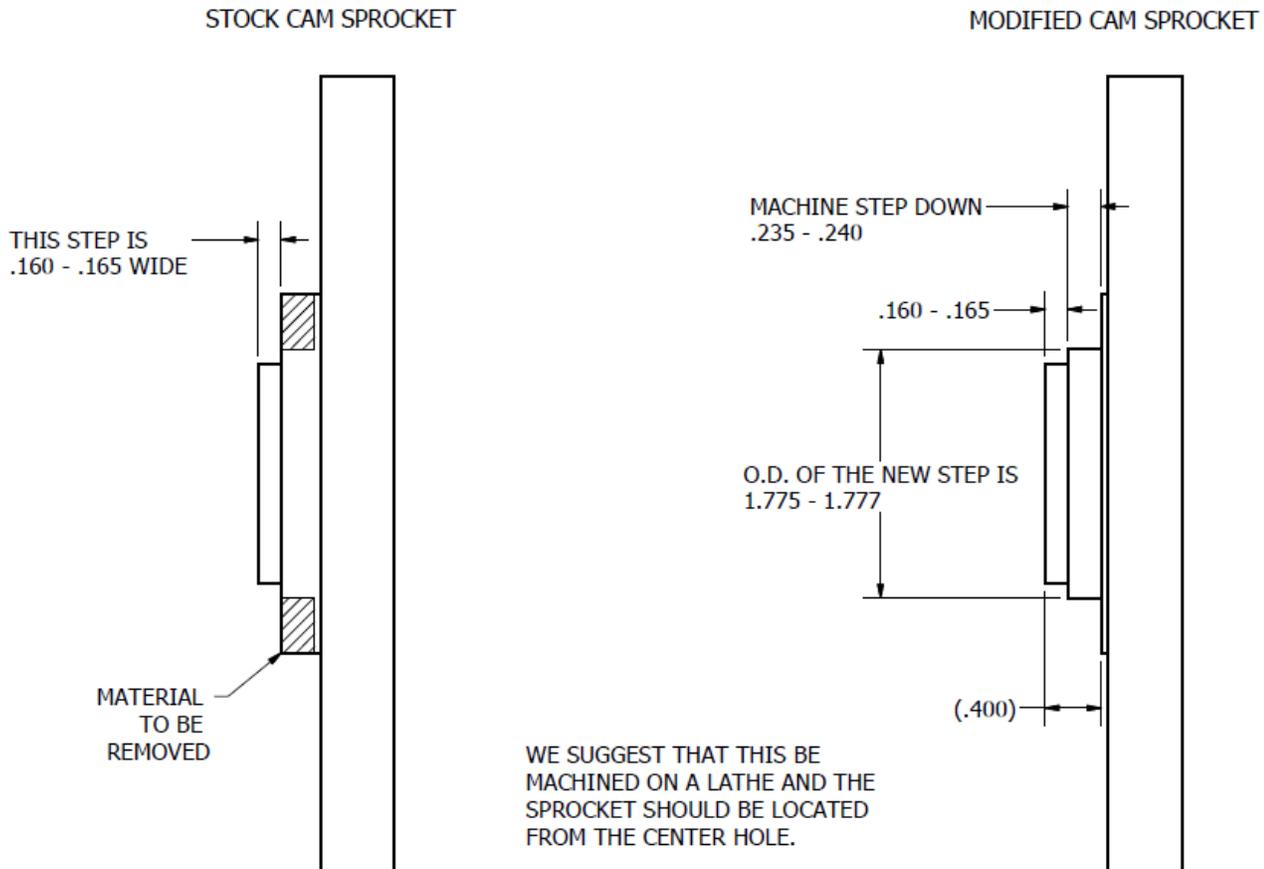
INSTRUCTIONS

CAMSHAFT THRUST BEARING KIT, FORD 352-428FE (Part # 3108TB)

Thank you for choosing COMP Cams® products. We are proud to be your manufacturer of choice. Please read this instruction sheet carefully before beginning installation, and also take a moment to review the included limited warranty information. Contact us toll free at 1.800.999.0853 or at www.compcams.com under Tech Support with any questions.

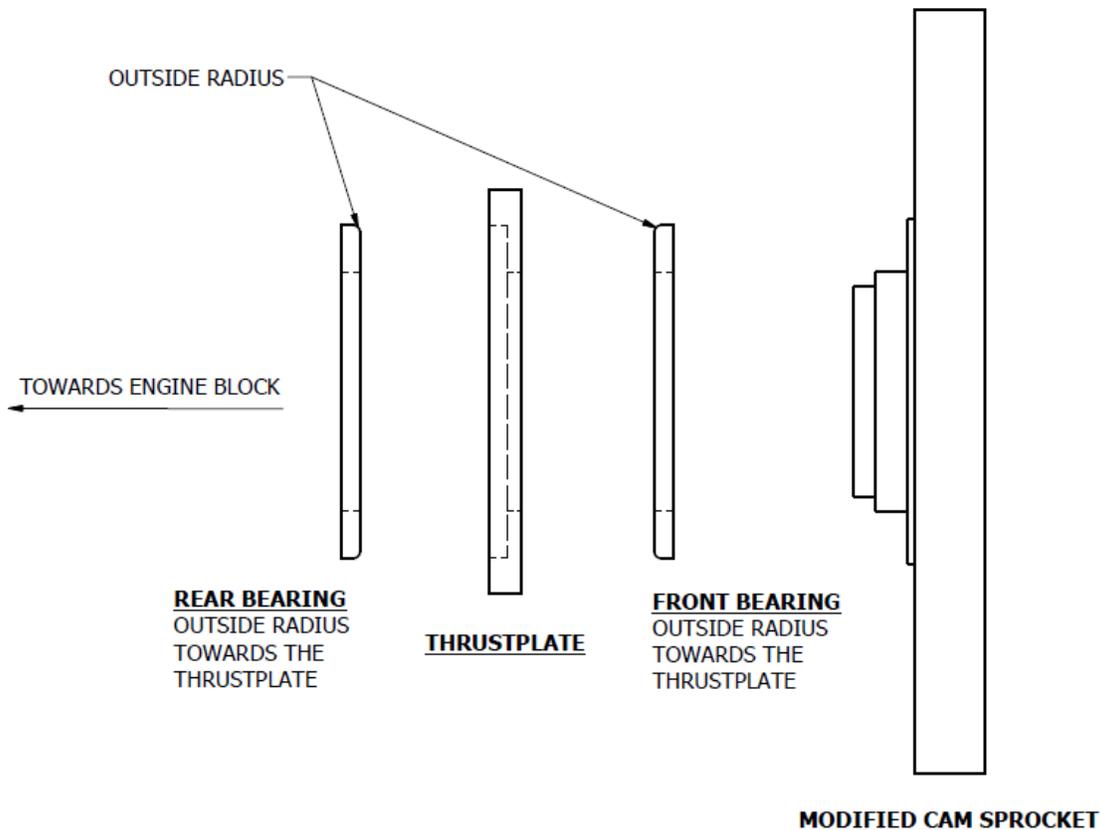
WARNING: Installation of this part will require modification to the stock cam sprocket by a qualified machinist or machine shop. See the included “Cam Sprocket Modification Instructions” diagram for details.

CAM SPROCKET MODIFICATION INSTRUCTIONS



- 1) After modifications to the cam sprocket have been made, install the camshaft in the engine. Place one of the included roller thrust bearings in the counter-bored step of the new steel camshaft retainer plate with the outside radius towards the thrustplate. Install the camshaft retainer plate and roller thrust bearing onto the engine, making sure the bearing and counter-bored step are facing the engine. Tighten the two 7/16" – 14 x 3/4" twelve-point bolts until the retainer plate is flush with the block.
- 2) Next, place the other roller thrust bearing on the new machined step of the cam sprocket. Install the cam sprocket, along with the roller thrust bearing, onto the camshaft. Make sure that the bearing assembly stays in place. Install the cam sprocket retaining bolt and tighten to the recommended torque. Check the clearance between the cam sprocket and the twelve point bolt heads. A minimum of 0.030" is required. Grind sprocket or the bolt heads as required.
- 3) Now, check the endplay of the camshaft using a dial gauge. Endplay should be 0.004 – 0.014". With this correct, remove the camshaft sprocket and the camshaft retainer plate. Clean all of the components and lubricate the roller bearing assembly with motor oil or light grease.
- 4) Repeat installation process as before. We suggest that you use a low strength type of Loc-Tite retaining compound on the two 7/16" – 14 x 3/4" twelve point bolts. Recommended torque for these bolts is 35 – 40 ft-lbs.

INSTALLATION DIAGRAM



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Limited Warranty

Competition Cams, Inc. warrants that all of its products are free from defects in material and workmanship, and against excessive wear for a period of (1) one year from the date of purchase. This **limited warranty** shall cover the original purchaser.

Competition Cams, Inc.’s obligation under this warranty is limited to the repair or replacement of its product. To make a warranty claim, the part must be returned within (1) one year of purchase to the address listed below, freight prepaid. Items covered under warranty will be returned to you freight collect.

It is the responsibility of the installer to ensure that all of the components are correct before installation. We assume no liability for any errors made in tolerances, component selection, or installation.

There is absolutely no warranty on the following:

- A) Any parts used in racing applications;**
- B) Any product that has been physically altered, improperly installed or maintained;**
- C) Any product used in improper applications, abused, or not used in conjunction with the proper parts.**

There are no implied warranties of merchantability or fitness for a particular purpose. There are no warranties, which extend beyond the description of the face hereof. Competition Cams, Inc. will not be responsible for incidental and consequential damages, property damage or personal injury damages to the extent permitted by law. Where required by law, implied warranties or merchantability and fitness are limited for a term of (1) one year from the date of original purchase.

This warranty gives you specific legal rights and you may also have other legal rights, which vary from state to state.