



INSTRUCTIONS

-J04860

REV. 2008-10-28

CAM AND CRANK SPROCKET LOCK TOOL

GENERAL

Kit Number

94076-09, 94077-09

Models

For FXD, FLH and FXST models 2007 to present (P/N 94076-09)

For FLH models 1999 to present, FXD 1999 to 2006 and FXST 2000 to 2006 (P/N 94077-09).

Additional Parts Required

Cam chain tensioner unloader (P/N 94705-09)

⚠ WARNING

The rider's safety depends upon the correct installation of this kit. Use the appropriate service manual procedures. If the procedure is not within your capabilities or you do not have the correct tools, have a Harley-Davidson dealer perform the installation. Improper installation of this kit could result in death or serious injury. (00333a)

NOTE

This instruction sheet references service manual information. A service manual for your model motorcycle is required for this installation and is available from a Harley-Davidson Dealer.

Kit Contents

See Figure 1.

There are no Service Parts available with these kits.

INSTALLATION

⚠ WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, disconnect negative (-) battery cable before proceeding. (00048a)

⚠ WARNING

To prevent accidental vehicle start-up, which could cause death or serious injury, remove main fuse before proceeding. (00251b)

1. Disconnect the negative battery cable or main fuse depending on motorcycle model.

⚠ WARNING

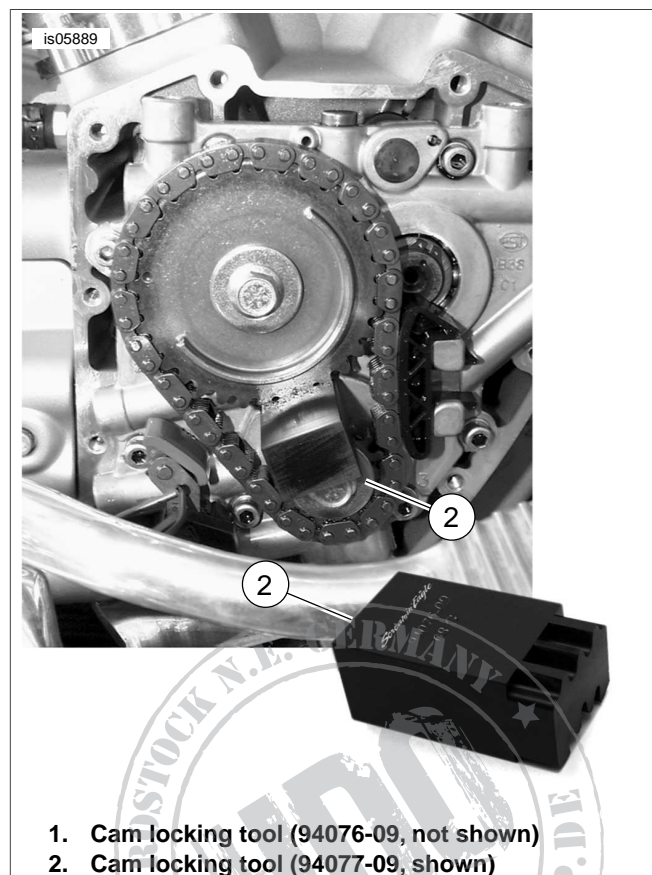
Wear safety glasses or goggles when removing or installing spring. Spring tension can cause spring, attached components and/or hand tools to fly out which could result in death or serious injury. (00477c)

2. Refer to the service manual to disassemble motor components to access the cam support assembly.

NOTE

Mark chain for direction of rotation for reassembly.

3. Install cam and crank sprocket lock tool as shown to keep cam and crank from rotating when loosening or tightening the bolts.



1. Cam locking tool (94076-09, not shown)
2. Cam locking tool (94077-09, shown)

Figure 1. Cam Locking Tools