



A Division of Thiessen Products, Inc.

INSTRUCTION SHEET FOR No.8385 & No.8387

JIMS COMPENSATOR LOCK

JIMS No. **8385** - (Long Retainer) fits all 2012 and 2013 OEM compensators (83935-09A) and Screamin' Eagle 40274-08A.

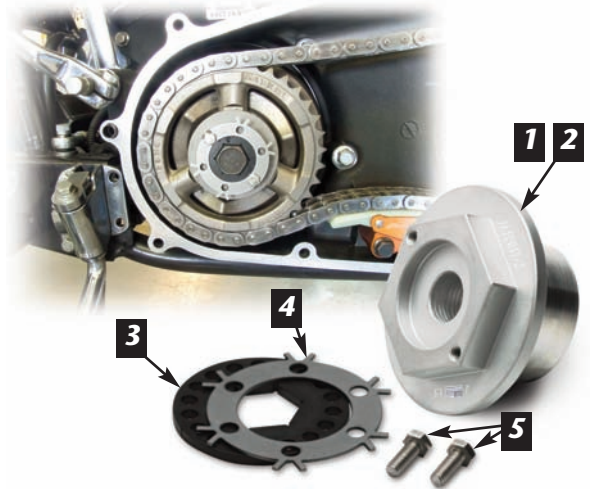
JIMS No. **8387** - (Short Retainer) fits all 2011 FLH and 2008-2011 Softail Rocker(FXCW/C), OEM #40370-08, 83935-09 and Screamin' Eagle 40274-08.

If you have stock compensator 40296-06A neither of these JIMS® parts will work. These early compensators can be identified by the spring cup attached to the alternator rotor.

Read Instructions completely before beginning this job

Always wear safety glasses or a full face shield. Always disconnect the battery or remove the Maxi-fuse before proceeding.

JIMS is not responsible for the quality or safety of your work. If you are unsure of how to do this job, STOP! Take your bike to a qualified H-D repair shop.



Recommended Tools and Supplies

- Primary drive locking tool JIMS No. **2312** for 2007 to present FLH, No. **2315** for 2006 and later Dyna and 2007 to present Softail, or JIMS No. **753** Mighty Bite flywheel lock tool
- New Primary Cover Gasket
- Primary lubricant
- Threadlocker
- 13/16" socket
- Torque wrench
- Breaker bar
- New compensator bolt H-D Part No. 3368
- New thrust washer H-D Part No. 6557
- 5/16" socket
- H-D® or Clymer® service manual for year and model bike being serviced

PARTS AVAILABLE SEPARATELY

NO.	QTY.	DESCRIPTION	PART NO.
1	1	RETAINER, SHORT COMPENSATOR LOCK	8387-1
2	1	RETAINER, LONG COMPENSATOR LOCK	8385-1
3	1	LOCK RING	8387-2
4	1	LOCK TAB	8387-3
5	2	SCREW	8388
6	1	INSTRUCTION SHEET	8385-IS

Installation

1. Disconnect battery or remove Maxi-fuse.
2. Drain primary lubricant and remove primary cover following H-D Service Manual.
3. Lock primary with locking bar or use a JIMS Mighty Bite No. **753**. Remove compensator bolt using 13/16 socket and breaker bar. Remove stock thrust washer and stock sprocket retainer.
4. Install new thrust washer and JIMS No. **8385** or **8387** with new compensator bolt. Be cautious when tightening that you don't catch the thrust washer on the shoulder of the new JIMS sprocket retainer. Torque to H-D specification following service manual guidelines.
5. Line up the lock ring JIMS No. **8387-2** with the holes in the retainer.
6. Install the locktab No. **8387-3** with two 10-32 hex screws No. **8388** using blue threadlocker and tighten to 22 In/lbs. Bend the locktabs up against the flats of the hex screws.
7. Re-install new primary gasket, cover and add lubricant following H-D service manual. If you used a Mighty Bite, remove it and install the crank position sensor.
8. Re-install Maxi-fuse or re-connect battery cables.

Performance Parts For Harley-Davidson Motorcycles