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

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.

PARTS AVAILABLE SEPARATELY

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<thead>
<tr>
<th>NO.</th>
<th>QTY.</th>
<th>DESCRIPTION</th>
<th>PART NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
<td>RETAINER, SHORT COMPENSATOR LOCK</td>
<td>8387-1</td>
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<td>1</td>
<td>RETAINER, LONG COMPENSATOR LOCK</td>
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<tr>
<td>3</td>
<td>1</td>
<td>LOCK RING</td>
<td>8387-2</td>
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<td>4</td>
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<td>LOCK TAB</td>
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<tr>
<td>5</td>
<td>2</td>
<td>SCREW</td>
<td>8388</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>INSTRUCTION SHEET</td>
<td>8385-1S</td>
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