









## COMPENSATOR INSTALLATION GUIDE

1. Support motorcycle and secure it.
2. Disconnect battery.

<p>3. Remove primary cover (Fig. 1)</p>	 <p>Fig. 1</p>
<p>4. Remove existing sprocket or compensator &amp; 1/8" spacer. Refer to Harley manual from removal. (Fig. 2)</p>	 <p>Fig. 2</p>
<p>5. Place plastic spacer, with the larger ID, on compensator lead flange and apply grease to threads. (Fig. 3)</p>	 <p>Fig. 3</p>

<p>6. Apply grease to threads on compensator sprocket. (Fig. 4)</p>	 <p><b>Fig. 4</b></p>
<p>7. Screw compensator lead flange into compensator sprocket on counter-bored side of sprocket. (Fig. 5)</p>	 <p><b>Fig. 5</b></p>
<p>8. Apply grease to flat side of compensator sprocket. (Fig. 6)</p> <p>9. Install sprocket and chain onto engine shaft.</p>	 <p><b>Fig. 6</b></p>



10. Apply grease to 2nd plastic spacer and place it on sprocket assembly. (Fig. 7)



Fig. 8

11. Place compensator nut flange on assembly and install engine nut. Torque nut to Harley specifications. (Fig. 8)



CS-25A	Complete Assembly 25 tooth
CS-24A	Complete Assembly 24 tooth

On Softail models 1986-1999 remove the stock .200" spacer and use the .125 spacer supplied in kit, behind compensator for correct spacing.

PATENT # US 6,234,909 B1