Timken Bearing Simulator
Use on Big Twin 1970-2002. Works on later models with Timken conversion

Please refer to H-D® Service Manual for specifications.

This tool is intended as a mock-up aid and is not designed to simulate load. This tool is designed to allow quick and easy removal and replacement of flywheels in left side crankcase, to check rod to case, piston to flywheel, piston to piston and cylinder to flywheel clearance.

1. Read all instructions first
2. Flywheels must have proper end play prior to installation of this tool.
3. Install flywheels in a flywheel jig, JIMS® No. 1071, or a similar device to prevent damage.
4. Position left crankcase half over flywheels as you would in final installation. **NOTE:** One flywheel Timken® Bearing must be installed to sprocket shaft, with JIMS® Tool No. 97225-55.
5. Install Timken® Bearing spacer that will be used in final installation.
6. Slide JIMS® Tool No. 1745-1 over sprocket shaft (oil as needed) and secure with supplied nut. **NOTE:** Hand tighten only.
7. You are now ready to remove flywheels from jig and mock up as usual.

**PARTS AVAILABLE SEPARATELY**

<table>
<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>NUT</td>
<td>24003-55</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>SIMULATOR</td>
<td>1745-1</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
<td>INSTRUCTION SHEET</td>
<td>1745-IS</td>
</tr>
</tbody>
</table>