

BHJ Products, Inc.

Parts List & Instructions

Product Name: **Crank Stroke Gauge**
BHJ Part#: **CS-1**

Page 1 of 2

Kit Contents:

1x Crank Stroke Gauge Frame

1x Dial Caliper

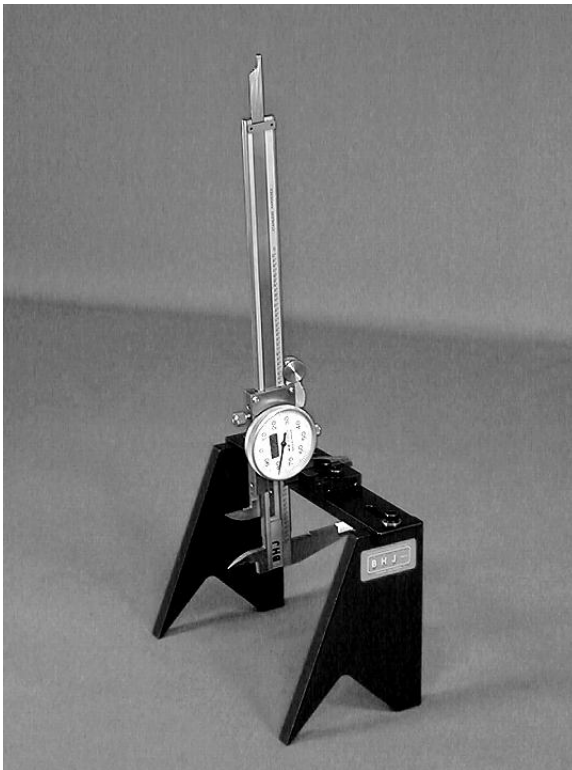
Description

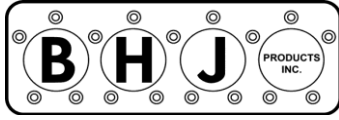
The **CS-1 Crank Stroke Gauge** uses a precision Dial Caliper (included with the Gauge) to measure crank stroke. The Gauge measures stroke up to six inches, with an accuracy of .001". The rigid, hard-anodized frame is fully adjustable to fit virtually any crankshaft.

Stroke-Measuring Procedure

SET-UP

1. With Gauge Frame resting on a stable surface, insert the Caliper jaw into the slot between the two mounting blocks in the middle of the Frame crossbar. The Dial Caliper should be oriented so the Caliper blade points up and the jaw enters the mounting slot from the angled side of end plates. (See photo below)
2. Tighten clamping setscrews firmly to secure the Caliper in the Frame.





BHJ Products, Inc.

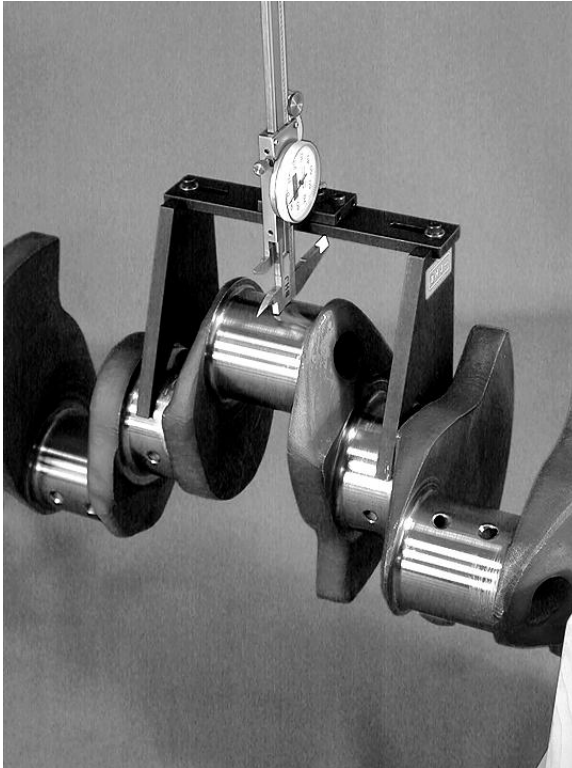
Parts List & Instructions

Product Name: **Crank Stroke Gauge**
BHJ Part#: **CS-1**

Page 2 of 2

TAKING MEASUREMENTS

3. Position the Gauge on crankshaft's mains with the rod journal in a vertical orientation.
(See photo)



4. Open the Caliper so the end of the jaw contacts the rod journal, then rotate gauge back and forth on the mains to find the shortest reading.
5. Rotate crankshaft 180° to position the rod journal at the bottom. Open Caliper so that the end of the jaw contacts the journal, and rotate gauge back and forth on the mains to find the longest reading.
6. Subtract the short reading (Step 4) from the long reading (Step 5). The result is the crankshaft stroke.