A Division of Thiessen Products, Inc.

Instruction Sheet For Tool #1163

Balancer Shaft Retention Pins
Use on Twin Cam™ 2000 to Present Balanced Engines





Use this tool to secure the engine balancers on Twin Cam™ Balanced engines when servicing the flywheel assembly. This tool Locks into the balancer's sprocket pin holes to prevent the balancers from turning out of sync with the flywheel.

INSTRUCTIONS

1. Attach retention pins to each end of the supplied cable before use. See picture.
2. Rotate flywheel assembly to align holes in balancer shaft with holes in the shaft supports. Insert JIMS® No.1163 Balancer Shaft Retention Pins inside the front and rear shaft supports to lock balancer shafts in place. Note: This tool also aids in removal and installation of the sprocket nut and helps in positioning the balancers for chain installation.
3. After installation, remove both balancer shaft retention pins from the front and rear shaft supports. After each use, make sure the ball bearings at the tips of the pins have not separated. Note: Severe engine damage could occur if the ball bearings were to become loose in the engine assembly and undetected.

CAUTION: Wear safety glasses. Excessive force may damage parts and tool. See JIMS® catalog for over 100 other top quality professional tools. The last tools you will ever need to buy.

"From the Track... To the Street!"

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