



CAM GEAR ALIGNMENT TOOL

This tool is designed to index the cam gear's position while removing or installing the cam gear. This tool will allow you to accurately position and or reposition the cam gear from one camshaft to another, as well as allow you to retard or advance the gear's position by up to 10 degrees with the accuracy of a 1/4 degree. *For more details see No.1290-IS instructions.*

No.1290 - Use on all Single Cam 1970-1999. Use No. 1390 to remove cam gear.



CAM GEAR REMOVER TOOL

Use to safely remove the cam gear from the camshaft on Big Twins. This precision tool acts as a stable base to keep the camshaft perfectly perpendicular to the press. A 3/8" ball bearing is included to protect the camshaft's end while pressing off the gear. To accurately install the cam gear use JIMS® No.1290 Cam Gear Alignment Tool (above). *For more details see No.1390-IS instructions.*

No.1390 - Use on all 1939-1999 Big Twin camshafts with pressed-on camshaft gears, including aftermarket cams.

Endorsed By



BREATHER REAMER TOOL

Repair a damaged breather hole with JIMS® Breather Reamer Tool. No need to disassemble the cases. Using JIMS® Reamer Tool will repair a damaged breather hole, to use a .030" oversize breather gear, (see breather gear section in this catalog), in less than an hours time (**NOTE:** all holes in breather bore will need to be cleared of all chips). *For more details see No.1706-IS instructions.*
No.1706 - Use on all Big Twin Single Cam 1936-1999.

PARTS AVAILABLE SEPARATELY

NO.	QTY.	DESCRIPTION	PART NO.
1	1	BREATHER REAMER	1706-3
2	1	PLATE ASSEMBLY	1706M
4	4	1/4"-20 SCREWS	2135
5	1	INSTRUCTION SHEET	1706-IS
6	4	1/4-24 SCREWS	2408

IMPORTANT NOTE: Some early crankcases 1936-69, have very little material between the breather hole and the air/oil separator cavity below it. Before using the No.1706, measure the wall thickness to verify that the reamer will not break through.

SEE JIMSUSA.COM FOR DETAILED INSTRUCTIONS