# **CRANKSHAFT TOOLS**



#### CRANKSHAFT BEARING TOOL

This quality tool is designed to remove and replace the right crankcase bearing. Precision made and piloted using Delrio, a non-marring material, to press bearing in and out straight with no damage to the case. For more details see No.1275-IS instructions.

No.**1275 -** Use on all 1999-02 Twin Cam<sup>®</sup> "Alpha" Only.

	PARTS AVAILABLE SEPARATELY				
NO.	QTY.	DESCRIPTION	PART NO.		
1	1	BEARING REMOVER / INSTALLER	1275-1		
2	1	DRIVER / PILOT	1275A		
3	1	INSTRUCTION SHEET	1275-IS		

No.1672 - Use on all 2003-Present Twin Cam® Use on Alpha's left and right case bearings or on Beta's left case bearing. For more details see No.1672-IS instructions.

	PARTS AVAILABLE SEPARATELY					
NO.	QTY.	DESCRIPTION	PART NO.			
3	1	DRIVER / PILOT	1671			
4	1	SUPPORT TUBE	1670			
5	1	INSTRUCTION SHEET	1672-IS			

# NEW MILWAUKEE-EIGHT® MAIN BEARING **REMOVER & INSTALLER**

JIMS is proud to introduce a main bearing remover and installer

designed just for the Milwaukee Eight®. High levels of precision and accuracy are necessary, so only the best tools can be trusted. Our tool not only removes the left and right main bearing without damaging the case, it also provides correct alignment and depth during installation.

No. 5813 - Use on the new Milwaukee Eight® engine.



#### CRANKSHAFT BUSHING TOOL

This tool will remove and install crankshaft bushings in the support plate on a Twin Cam®. This tool is piloted for accurate operation. For more details see No.1281-IS instructions.

No.1281 - Use on all Twin Cam<sup>®</sup>.

			PARTS AVAILABLE SEPARA	RATELY	
	NO.	QTY.	DESCRIPTION	PART NO.	
	1	1	TOOL, SUPPORT BUSHING	1281-1	
	2	1	TOOL, DRIVER BUSHING	1281-2	
Ī	3	1	DOWEL PIN - NOT SHOWN	1993	
- [	4	1	INSTRUCTION SHEET	1281-IS	

### TWIN CAM® CRANKSHAFT BEARING INSTALLER AND REMOVER

Designed to protect expensive engine cases by using a cially designed support block to remove or install cam side crankshaft bearing. For more details see No.1146-IS instruc-



No.1146 - Use on all 2000-present Twin Cam<sup>®</sup> "Beta" Softails®.

	PARTS AVAILABLE SEPARATELY			
NO.	QTY.	DESCRIPTION	PART NO.	
_1	1	INSTALLER/REMOVER	1146-4	
_ 2	1	PILOT DRIVER	1146-3	
3	2	O-RING	1180	
4	1	INSTRUCTION SHEET	1146-IS	