



A Division of Thiessen Products, Inc.

INSTRUCTION SHEET FOR TOOL #916

BETA SOFTAIL CASE SUPPORT BLOCK TOOL USE ON ALL 2000 TO PRESENT BETA SOFTAIL ENGINE CASES

Other JIMS recommended tools for engine balancer service

- No.915 *Beta balancer inner bearing remover / installer*
- No.1163 *Balancer shaft retention pins*
- No.957 *Outer balancer housing bearing remover / installer*
- No.1167 *Case balancer shaft bearing remover / installer*
- No.960 *Balancer shaft remover*
- No.952 *Balancer shaft alignment*
- No.1047-TP *Crank disassembly remover*
- No.995 *Crank disassembly remover*
- No.500 *Clymer service manual 2000 to 2005 FXST (Beta)*



PARTS AVAILABLE SEPARATELY			
No.	Qty.	Description	Part No.
1	1	Front tool block	916-1
2	1	Rear tool block	916-2
3	4	Screw	1701
4	4	Washer	2014
1	1	Instruction Sheet	916-IS

Important Note: Read complete instructions sheets before using this tool.

This tool is made to attach to any Twin Cam Beta left engine case to support it properly when working with any JIMS balancer tools listed above or while using an arbor press. Also protects powdercoat finish on cases from being marred.

1. To disassemble case halves and for servicing the balancer bearings refer to and follow your H-D® or Clymer service manual for specifications, procedure and all safety recommendations.
2. When you have disassembled your case halves either with flywheels in left case or removed depending on service performed you can now attach the JIMS No. 916 support blocks.
3. Use 4 screws and washers JIMS No.1701 and No. 2014 provided and insert in the 4 case bolt in holes as shown and hand tighten screws snug as shown. **See Fig 1.**
4. If you have flywheels that are still in the left case you will need to use a 4x4 block under each support block to clear the sprocket shaft while working on a bench. A hole in a work bench works good for this issue. If using an arbor press for service work and flywheels are removed from cases the 4X4 blocks will not be required. **See Fig 2.**
5. An example of usage on an arbor press with support blocks installed on case using JIMS balancer bearing remover / installer tool No. 915 tool. This is shown installing balancer bearing into a late beta case. **See Fig 3.**

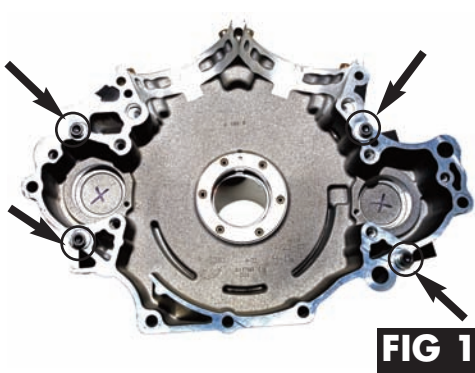


FIG 1



FIG 2

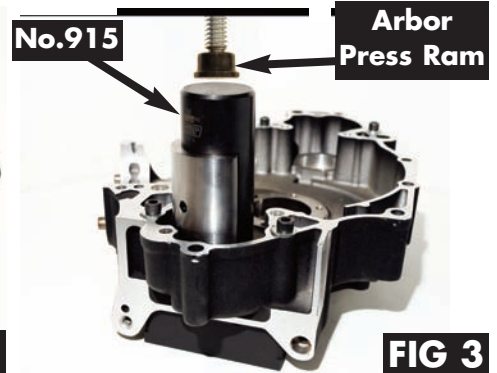


FIG 3

CAUTION: WEAR SAFETY GLASSES OVER YOUR EYE'S.
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