A Division of Thiessen Products, Inc.

Instruction Sheet For Tool #5832

M8 Balancer Bearing Removal Instructions

Tools Required:
JIMS **5832** M8 Balancer Bearing Puller
T27 Torx
9/16 combination wrench
1-1/8" combination wrench
Deadblow, brass or removable insert hammer

CAUTION: ***Wear safety glasses. Excessive force may damage the parts!***


FIG.1


FIG.2

1. Support case half on work bench.
2. Remove the bearing retainer screw using a T27 Torx. See **Fig.1**
3. Place the slotted end of the Puller, Balancer Bearing M8 No. **5832-1** into the bearing bore. See **Fig.2**
4. Using an insert or small dead blow hammer, tap the bearing puller fully through the bearing. See **Fig.3**
5. Insert the Dowel Pin No. **5806-4** into the Puller, Balancer Bearing M8 No. **5832-1** until it bottoms out against the case. Approximately 3/4 of an inch should be visible. See **Fig.4**
6. Orient the Bar, Puller No. **5832-2** with the hole in the Puller, Balancer Bearing M8 No. **5832-1** and guide the threaded portion through the hole. See **Fig.5**
7. Ensure the Bar, Puller No. **5832-2** is fully supported by the edges of the case.
8. Place the ¾" Flat Washer, Brass No. **1099** over the threaded portion of the Puller, Balancer Bearing M8 No. **5832-1**.
9. Screw the ¾-16 Nut No. **1098** down clockwise by hand until it meets the brass washer. See **Fig.6**

NOTE: PLEASE READ ALL INSTRUCTIONS COMPLETELY BEFORE PERFORMING ANY WORK! IF YOU DO NOT KNOW WHAT YOU ARE DOING, DO NOT DO IT!

No information in this instruction sheet pertaining to motorcycle repair is represented as foolproof or even altogether safe. Even something safe, done incorrectly or incompletely can and will backfire. You and only you are responsible for the safety of your repair work and for you understanding the application and use of repair equipment, components, methods and concepts.

Each and every step this tool is designed to do must be carefully and systematically performed safely by you. All information listed in this instruction sheet has been tested, re-tested and used daily in JIMS® Research and Development Department.

ALWAYS WEAR SAFETY GLASSES OR OTHER FACE AND EYE PROTECTION SUCH AS FULL FACE SHIELD. JIMS® IS NOT RESPONSIBLE FOR DAMAGE, INJURY, OR YOUR WORK. JIMS® IS NOT RESPONSIBLE FOR THE QUALITY AND SAFETY OF YOUR WORK.

A Division of Thiessen Products, Inc.

Instruction Sheet For Tool #5832

10. Hold Puller, Balancer Bearing M8 No. **5832-1** steady using a 9/16" wrench, turn the 3/4-16 nut No. **1098** clockwise using a 1-1/8 inch wrench until the bearing is removed.

WARNING: ***If bearing will not move out of case, you may apply heat using a heat gun. Do not exceed 210˚F or case damage may occur.***

NOTE: DO NOT overheat case, Apply heat around bearing only. It is recommended to use two JIMS No. 899 Heat Stickers placed 1 inch from the bearing on case surface and apply heat using a heat gun only. Watch stickers for color changew to alert you when the maximum temperature is reached. Immediately stop heating when the stickers indicate 210˚F has been reached. Overheating may cause damage to the case half. Order the JIMS No. 899 stickers separately. Never exceed 210˚F.

WARNING: ***Do not use impact or air/electric power drivers during bearing removal or case damage MAY occur.***

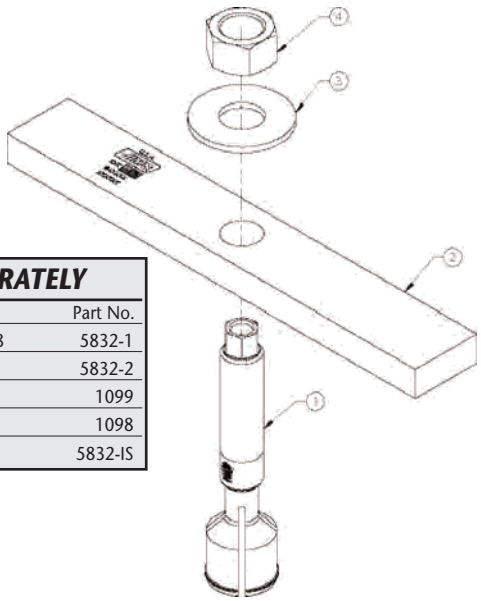
11. Unscrew the 3/4-16 nut No. **1098** counter clockwise and remove from Puller, Balancer Bearing M8 No. 5832-2.

12. Remove the ¾" Brass Washer No. **1099**.

13. Remove the Dowel Pin No. **5806-4**.

14. Remove Bearing from the Puller, Balancer Bearing M8 No. **5832-2**.

15. Store components appropriately.



PARTS AVAILABLE SEPARATELY

No.	Qty.	Description	Part No.
1	1	PULLER, BALANCER BEARING, M8	5832-1
2	1	BAR, PULLER	5832-2
3	1	3/4" FLAT WASHER, BRASS	1099
4	1	3/4-16 NUT	1098
5	1	INSTRUCTION SHEET	5832-IS



FIG.3



FIG.4



FIG.5



FIG.6