A Division of Thiessen Products, Inc.

Instruction Sheet For Tool No.1162, 945, & 946


No.1162 Shown

BRAKE CALIPER PISTON REMOVER

Use this tool to remove the brake caliper pistons.

*Use Tool No. **1162** on all Big Twins with 4 piston brake calipers, 2000 to 2007, and Sportsters, 2000 to 2003.*

*Use Tool No. **945** on all new Hayes front brake calipers FXST and FXD 2008-present.*

*Use Tool No. **946** on all new Hayes rear brake calipers FXST and FXD 2008-present.*

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 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.

Note: *Refer to the service manual for the year and model you will be servicing. These tools will support the brake caliper pistons for removal by holding the pistons square to their bores. This prevents any damage to the pistons and the piston bores when replacing seals and wipers.*

Instructions for Tool No. 1162 or and No. 945

1. Place Brake Caliper Piston Remover No.1162,or No. 945 between caliper housing.
2. Insert three bridge bolts and tighten securely.
3. If the bleeder valve was removed reinstall it.
4. Apply low-pressure compressed air to the banjo bolt hole to remove pistons from caliper bores.
5. Remove bridge bolts and remove tool.

Instructions for Tool No. 946

1. Place Brake Caliper Piston Remover No.946, between caliper housing.
2. Insert bolt No. 2018 and finger tighten only.
3. If the bleeder valve was removed reinstall it.
4. Apply low-pressure compressed air to the banjo bolt hole to remove pistons from caliper bores.
5. Remove bridge bolts and remove tool.

CAUTION: Wear safety glasses over your eye's.
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