

Bulletin #: 2006-003

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Product: ☐ Compressor

☐ Generator

☒ Tools

Subject: Mushroomed piston repair procedure

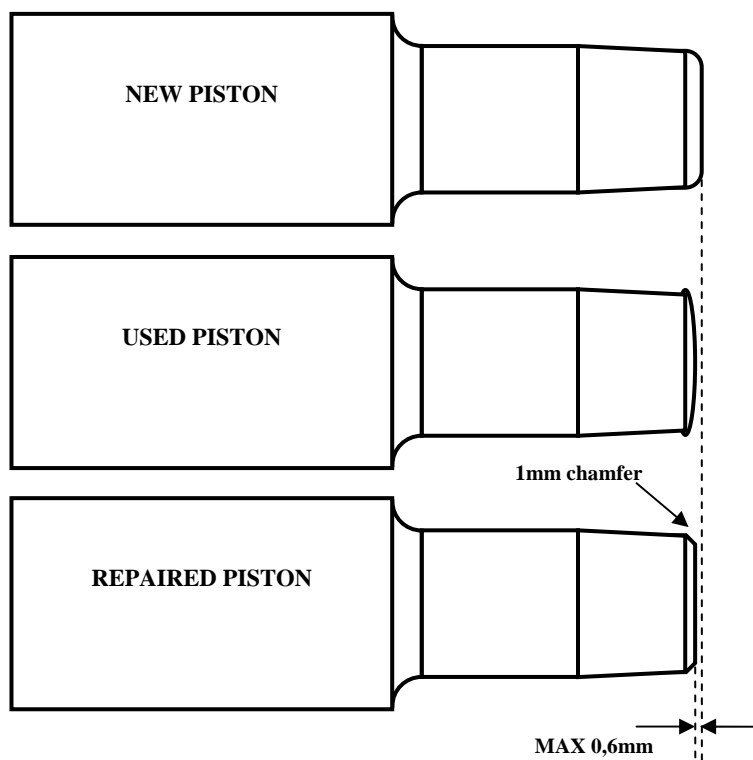
Models

All paving breakers and pickhammers

On paving breakers and pickhammers it is normal for the piston head to wear and become mushroom shaped. This documents details the repair procedure and limits.

Repair procedure

1. Disassemble the hammer in order to remove the piston.
2. Hold the piston making sure you don't damage the sliding surfaces and grind the head surface flat. The maximum grinding depth is 0,6mm. Above this the surface heat treatment will be lost and the piston will mushroom prematurely.
3. Create a 1mm chamfer as detailed in the schematic. This is important to avoid piston seizure when the piston head starts to deform again during normal operation.
4. Re-assemble the hammer making sure the moving parts are properly fitted.
5. Fill in the oil lubricator and test the hammer.



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