



PI 2202

For technical personnel only!

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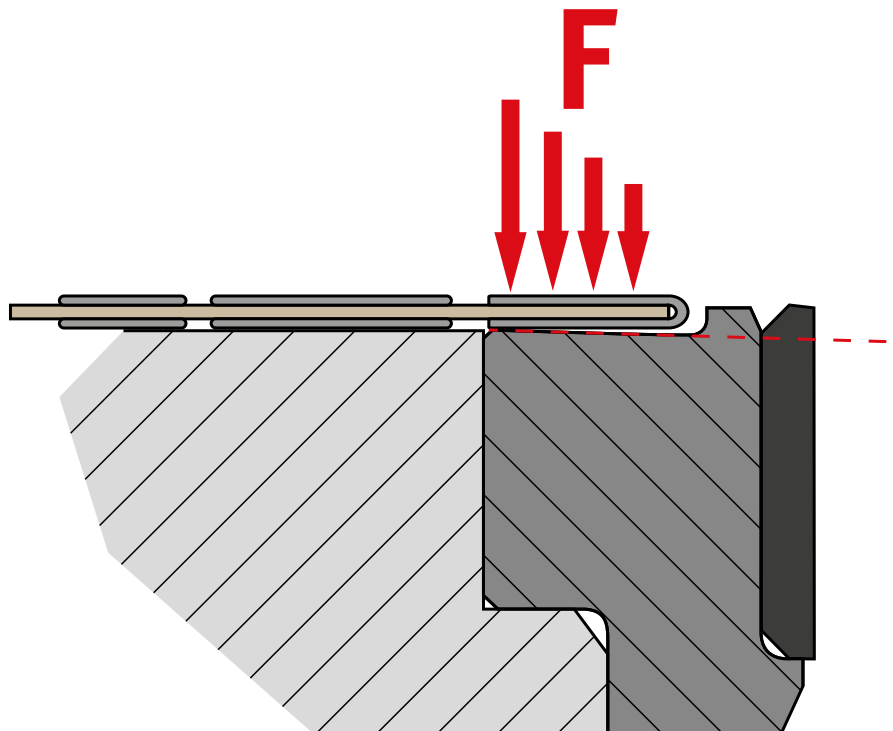
PRODUCT INFORMATION

MODIFICATION OF THE LINER FLANGE CONTACT SURFACE OF WET CYLINDER LINERS

Wet cylinder liners are pressed into the mountings in the engine block via the pretensioning of the cylinder head bolts and the cylinder head gasket (particularly the combustion chamber recess).

The higher combustion pressure of modern engines results in greater forces and stresses in the vicinity of the cylinder liner gasket seat. These stresses made it necessary to optimise some cylinder liners by means of a small design change.

To optimise the direct application of force to the liner flange seat, the upper part of the bush now tapers from the outside to the inside of the cylinder. This is intended to reduce the forces outside the flange seat of the cylinder head gasket (see diagram) and minimise any consequential damage.



NOTE

Motorservice will convert affected cylinder liners to this optimised version. The old version of the cylinder liners can still be used, where applicable together with the new version.