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Kesariysky A.G. Study of deformation fitting connection of the head and cylinder block of the piston engine / A.G.

Kesariysky, Yu.A. Postol, V.V.Satokin // Internal combustion engines. – 2010. – №1. – P. 51-53.

The results of theoretical and experimental studies of deformation of different engines are presented. It is shown that the simultaneous influence of the forces of internal pressure and tightening the screws may lead to changes in engine performance. These forces affect the operation of the flange bolts. Proposed use of holographic interferometry methods and mathematical modeling for optimizing construction of the engine. Table. 1. Il. 4. Bibliog. 8 names.