**UDC 621.431**

**Gritsyuk A.V. , Pilipenko S.V. , Motora A.A. . Investigations of loaded elements of a gas joint of the engine 2DT //**

**Internal combustion engines. – 2008. – №1. – P. 71-75.**

**For the solution of a question of reliability of a gas joint**

**of engines 2DT investigations of stiff - strength characteristics**

**of elements of a gas joint and the bolts providing its serviceability**

**are carried out.**

**Researches were carried out in two directions: an estimation**

**of durability of hold-down studs and deformability of a**

**pack of parts and distribution of force on a joint "the block -**

**the head ".**

**The carried out investigations have allowed to specify**

**conditions of mounting of the head of the cylinder block, providing**

**durability of hold-down studs and reliable operation of**

**the gas joint. Il. 4. Bibliogr. 1 names.**