

UDC 621.436

Yahyaev N.Y. Experimental research of cylinders' plugs deformation in process of assembling the small size diesel engine 4CH8,5/11 / N.Y. Yahyaev, N.M. Vagabov // Internal combustion engines. – 2010. – № 2. – P. 133-136.

Results of research of the intense-deformed condition in cylinders' plugs of the small size ship diesel engine 4CH8,5/11 are presented. The technique for measurement the deformations of details in the cylinders-piston group, based on resistive-strain sensor is developed. Values of plugs' deformations in cylinders during diesel engine assembling are certain. The factors influencing deviations of macrogeometry of cylinders at assembly are shown. Il. 3. Bibliogr. 2 names.