

¹ REDUCTION OF STRUCTURAL NOISE OF VEHICLE ENGINE-ESSENTIAL FACTOR IN DECREASE THE ACOUSTIC POLLUTION OF ENVIRONMENT

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Abstract

The article discusses the new standards adopted in Russia (Russian Federation) on the level of structural noise of automobile Internal Combustion Engine (hereinafter referred to as ICE), the main factors determining the formation of the studied noise and ways to reduce structural noise on the example of diesel powered truck.

Key words: vehicles, engines, structural noise.

SMANJENJE STRUKTURNE BUKE MOTORA VOZILA - ZNAČAJAN FAKTOR U SMANJENJU AKUSTIČKOG ZAGAĐENJA OKOLINE

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Rezime: U radu je izvršena analiza standarda pripremljenog u RF koji se odnosi na nivo strukturne buke motora automobila (po ugledu na ICE), glavnih faktora koji doprinose stvaranju buke, kao i načina za snižavanje strukturne buke na primeru jednog kamiona.

Ključne reči: vozila, motori, strukturna buka.

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