UDC 621.43.056

Mishchenko N.I., Suprun V.L., Shinkarenko V.V.

Theoretical researches of working process of the mechanism of compression ratio change in the petrol engine // Internal combustion engines. – 2008. – № 2. –

P. 60-64.

Designs of mechanisms of change of a compression

ratio in internal combustion engines are briefly analyzed.

Constructive and settlement schemes of the new

mechanism of change of the compression ratio developed

with reference to connecting rod-absent the engine

with transform the link-type mechanism. The design

procedure of the mechanism which allows to define time

of operation of the mechanism is stated. Also some results

of experimental researches of this mechanism are

given. The received results specify possible advantages

in performance data of the mechanism, in particular, in

speed. Il. 7. Bibliogr. 7 names.