

RESEARCH REGARDING THE DEVELOPMENT A VEHICLE DACIA
LOGAN MCV FUELING BY LPG - *LOGAN ECO GPL*
BY UPIT

Authors

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Abstract

This paper presents the research performed within the Automotive Engineering Research Centre of the University of Pitesti, having the purpose to develop the prototype LOGAN ECO GPL by UPIT. This prototype is part of the LOGAN ECO HYBRID project and is based on a Dacia LOGAN MCV vehicle featuring a 1.6 l, 16 valves. The experimental model is developed with a financial aid granted by CNCISIS for the project no 956/2006-2007.

In the first part of the paper, the LANDI RENZO OMEOGAS sequential injection system adopted for this prototype is presented. In the second part, there will be presented the aspects regarding the design and adaptations needed to implement the LPG fuelling system according to the actual regulations. Finally, some conclusions and future works will be presented as well.

Keywords

Passenger car, LPG, Logan MCV