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analysis is carried out using ANSYS 15.0
FEA software to predict the behaviour.
Then comparison of static analysis results
for three materials and multi layered
composite material leaf spring are done.
Design of rear suspension is verified and
validated successfully for ultimate load of

piston influence the engine performance.
Analysis of the stress distribution in the
various parts of the piston to know the
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definite-element analysis software, a three-dimensional definite-element analysis [3] has been carried out to the gasoline engine piston.

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