

## **ANALYSIS OF ENGINE AND TRANSMISSION OF VESPA P150X**

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### **ABSTRACT**

Vespa is a war vehicle during World War II. Initially Vespa used in times of war, but along with the development of the Vespa era used as a race vehicle, touring or daily wear. For the engine itself, the Vespa P150X uses a 2 stroke engine with a capacity of 150cc.

Analysis on this final project aims to understand how the work is on the engine and Transmission Vespa P150X and see the difference in the way work between the Vespa engine with a motorcycle engine in general.

The result data obtained from the analysis of the Vespa P150X engine in the analysis and the replacement there is a component in the machine that experienced wear as piston, crankshaft, on the Vespa machine is still using platinum ignition system and using Conventional AC currents, the transmission system part using direct power (Gear transmission system), as well as dental regulator using the conector set on the left handlebar motor, direct mixing of oil.

**Keywords:** *Engine*, Vespa P150X, Analysis and replacement.