

The Effect Of Angle Pulley With Continuously Variable Transmission (Cvt) Spring And Carbon Clutch On The Performance 125 Matic Motorcycle

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ABSTRACT

This research aims to determine changes in torque and power in a 4 stroke gasoline engine by modifying the pulley angle with variations of CVT springs and carbon double linings. This research uses an experimental method of analysis to determine the difference in torque and power of the test variations on motorcycles. The results of this research are decreasing and increasing torque and power of each test variation. Then the highest torque was generated from the Pulley , with Standard Springs, and Double Campers with variations in carbon , which experienced an increase in torque of 9.99 Nm. Meanwhile, the power test also experienced a decrease and increase. Then the highest power is generated from the Condition of using a Pulley , with a 1500 Variation Spring, and a double Campus variation of Carbon an increase in power of 7.7 Hp.

Key words: *Spring, Pulley, and Carbon Cluth, torque, power*