ABSTRACT

Transportation vehicle always use spark, but many of them are not maximum in performance, the problem is high fuel consumption. This final examination purpose to find the effective range of spark’s electrode and can reduce the fuel consumption.

The method that used in this final examination by compare the electrodas’s range between two brand of sparks in a same times, they are NGK and CHAMPION. The range are 0.64mm, 0.65mm, 0.66mm. By that experiment, the fuel consumption can be analyzed

Keywords: auxliary engine, spark.