

# **TRAINING OF MOTORCYCLE INJECTION SYSTEMS TO SUPPORT VOCATIONAL SCHOOL OF MUHAMMADIYAH VOCATIONAL SCHOOL, YOGYAKARTA**

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## **ABSTRACT**

This program aims to: (1) Knowing the implementation of training activities on electronic fuel injection and automatic transmission systems on motorbikes at SMK Muhammadiyah Seyegan. (2) Knowing the results of training activities on the injection and transmission system of automatic motorcycles in SMK Muhammadiyah Seyegan. The targets of this program are teachers and students of SMK Muhammadiyah Seyegan, as well as the community around SMK. Service is performed using the direct training method (training by doing) which is then applied directly to the actual work through free service activities as a branding department with the surrounding community.

Based on the programs that has been carried out, it can be concluded that (1) Service activities can go well according to plan. The training was attended by teachers and students of class X and class XI about motorcycle material. The training material consisted of theoretical and practical material. theoretical material covers the motorcycle injection system and automatic transmission system on the motorcycle. While the practice material that was trained was the maintenance and minor repairs of motorbikes of various brands of injection and matic types. After getting training, students then implement skills to participate in free service activities by schools as an effort to socialize and promote schools. (2) Judging from the results of the evaluation, this activity received a positive response both from students, teachers and the surrounding community. The teacher and students feel satisfied as evidenced by the results of the participant satisfaction questionnaire, that each indicator gets a satisfying and very satisfying predicate. Judging from the response of the community, public confidence in the school can be increased as can be seen from the community's participation in service activities and free repair of motorbikes conducted by students of SMK Muhammadiyah Seyegan.

*Kata Kunci: motorcycle injection system training, free motorbike tune up*