

LIGHT VEHICLE TUNE UP/MAINTENANCE TRAINING FOR TEACHERS AND STUDENTS IN MADRASAH ALIYAH "SINA IBNU" BERBAH SLEMAN YOGYAKARTA

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ABSTRACT

This Program (PPM) aims to improve the knowledge and skills of teachers and students in carrying out the work of light vehicle Tune Up Engine. The target of this training program is the XII MA grade teachers and SMKs Ibnu Sina Light Vehicle Engineering study program. The program method is carried out through the provision of theory about engine maintenance through classroom learning, soft skills training, demonstrations and practice of tune-up practice and tune-up competency evaluation. From the evaluation results, overall, teachers and most students were able to carry out tune up job (88%) on conventional engines, although with some instructor assistance / guidance to complete the job. By increasing students' ability to do engine tune up, it can be concluded that the training activities carried out are quite effective, especially for teachers, so that teachers are able to carry out the engine Tune Up ideally, so it can be used to develop learning programs and support the preparation of skills competency tests for students. For students, students who are competent in engine maintenance will support the implementation of national skills competency tests, as well as a form of preparation after graduation to work. With the results achieved, it is recommended that as a recognition of competence, students / teachers can take competency tests at the Professional Certification Institute.

Kata Kunci: *Training, Tune Up*