

CENTRAL DOORLOCK SIMULATOR FOR SMK MA'ARIF 1 WATES, KULONPROGO

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ABSTRACT

Practical learning in vocational schools required learning media that were able to support the level of student competencies. This community service activity aimed to: (1) Found out the results of developing a central door lock simulator at SMK Ma'arif 1 Wates, Kulonprogo. (2) Knew the teacher's response to the central door lock simulator product at SMK Ma'arif 1 Wates. (3) Knew the results of developing a central door lock learning device for teachers of SMK Ma'arif 1 Wates. The target audience of this community service program were productive teachers of automotive light vehicle engineering expertise and motorcycle engineering and business at SMK Ma'arif 1 Wates. The service was carried out with a product development method in the form of a central door lock simulator accompanied by training on the use of simulators and practical learning tools. Based on the service that has been carried out, it can be concluded that: (1) The central doorlock simulator is in the form of a learning media that contains the car's central doorlock components and can be assembled and simulated its work. (2) The response given by the SMK Ma'arif 1 Wates teacher was very good so that the simulator could be used in practical learning. (3) The results of developing a central door lock simulator learning device for teachers of SMK Ma'arif 1 Wates in the form of practical lesson plans, job sheets, and evaluation instruments on basic competencies installing electrical systems and additional equipment (accessories) and repairing electrical systems and additional equipment.

Kata Kunci: *simulator, doorlock system, teaching aid, training*