Design of a Test Dummy for Automated Driving

Task Description:

In order to test automated driving functions without putting persons at risk, within the research project PRORETA 5 a crashable dummy is needed. To ensure the reproducability of the tests, the movement of the dummy shall be triggered based on the position of the vehicle under test as well as move automatically. In this advanced design project such a dummy shall be designed and put into operation.

Task Details:

- Research about current dummy concepts for tests of automated driving functions
- Analysis of requirements for the dummy within the project PRORETA 5
- Development of a concept based on the requirements
- Selection of suitable components
- Build-up and putting into operation of the dummy system

Source: AB Dynamics

NOTICE: All projects and theses at FZD can be done in English or German, as preferred.
ANMERKUNG: Alle Projekte und Arbeiten bei FZD können wahlweise in Englisch oder Deutsch durchgeführt werden.
ADP

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Entwicklung eines Test-Dummys für das automatisierte Fahren

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