

PROFILES IN SERVICE LEARNING

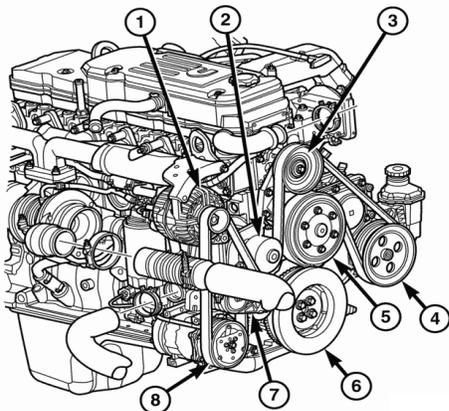


Course name: **AUT 2250**: Service Operations
Division: Science, Mathematics, Engineering (**SME**)
Project: 2002 Dodge Stratus Engine Replacement
Community Partner: Erwin's Chrysler Jeep Dodge Ram



LEARNING OBJECTIVE

Students in this course received practical experience removing and reinstalling an engine on a front wheel drive vehicle, a 2002 Dodge Stratus obtained from a local automotive dealership.



PROJECT DESCRIPTION

Our AUT 2250 Service Operations students participated in a service learning project over the course of 24 hours removing and reinstalling an engine into a 2002 Dodge Stratus. The vehicle was to be donated through a local church to an individual in need of reliable transportation, but did not have the means to afford a vehicle. We worked with a local car dealership, Erwin's Chrysler Jeep Dodge Ram to obtain the vehicle and engine, while the class performed the labor on the installation of the engine. Students were responsible for removing the engine from the vehicle, transferring of components, installing the new engine, and servicing any other parts to make the vehicle reliable and road worthy.

RESULTS

Students gained knowledge and skills on a larger scope project that typically we do not get to perform in our AUT systems courses. This provided them with experience on a task that is common in repair facilities, but not feasible to teach in our courses. Furthermore, students were able to use their skill to help a member in their community that needed a hand. Students were able to gain an understanding of the value of citizenship and partnership, by working with Erwin's and helping others.



Profiles can be viewed online at ctl.sinclair.edu



OUTCOMES / REFLECTIONS

Students appreciated the opportunity to participate in a larger automotive service project that not only served them through gaining a skill, but also helping someone at the same time. Students are better prepared for larger automotive service tasks after this project and gained a sense of confidence from taking on such a large and time consuming project. These students were less apprehensive of large jobs, once this project was completed.

SUBMITTED BY:

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