

Branch: Bodywork repair



Code: BODREP

Option: Bodywork repairer

Level : CAP

Prerequisites : First cycle study certificate

Opportunities:

The outlets are in artisanal garages, manufacturers' after-sales networks, specialised workshops and transport companies. They service their own vehicles. The introduction of compulsory roadworthiness tests for old vehicles offers opportunities for experienced body repairers.

Description

A damaged car arrives at the workshop. The body repairer makes an initial diagnosis. If there is an accident report, a car expert intervenes. The car must then be taken in hand.

Body repair work is highly regulated. The damaged vehicle must be returned to its new condition, corresponding to the specifications that define the car. The bodywork of a car is designed to crush on impact, so that the impact is absorbed as much as possible by the metal, and has as little effect as possible on the passenger compartment. The result of an impact is a mass of sheet metal, which is not straightened, but exchanged for a new element.

Technological and vocational education includes the various techniques of sheet metal working (bending, rolling, manual stamping), repair and reshaping

techniques (sheet metal straightening, welding, sanding). The students also learn, based on vehicle design data, how to restructure a body by assembly. The training includes an introduction to plastics, painting, mechanics and automotive electricity.

Quality and competences :

The body repairer must have a good hand, a good eye and a taste for manual work. He has important responsibilities with regard to safety. The body repairer knows the materials used in bodywork (metals, composite materials, etc.) and the different techniques for reshaping and assembling. He has a knowledge of mechanics, electricity and technical drawing.