

# Branch : Maintenance of vehicles



**Code :** PASCAR

**Option :** Passenger cars

**Level :** Bac Pro

**Prerequisites :**

**Opportunities:**

The holders of the speciality vehicle maintenance option passenger cars (MV) can work in companies which depend on the manufacturers' networks or which deal with all makes of vehicles; in the maintenance departments of transport companies or fleets of passenger car type vehicles.

**Description :**

The holders of the bac pro Vehicle Maintenance carry out their service activity in all sectors of vehicle maintenance and, depending on the option, in the fields of private cars, road transport vehicles or motorbikes. They may work in companies that depend on manufacturers' networks or that deal with all makes of vehicles; in the maintenance departments of transport companies or vehicle fleets. Depending on the structure that employs them, holders of the vocational baccalaureate in vehicle maintenance carry out their activities individually or as part of a team in order to carry out periodic and corrective maintenance operations; carry out diagnostics on vehicles; take delivery of and return the vehicle; participate in the organisation of maintenance.

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**Quality and competences :**

The vocational baccalaureate in vehicle maintenance (option passenger cars) trains students in periodic maintenance, diagnosis, corrective maintenance, reception and return of passenger cars and in the organisation of maintenance.

To carry out periodic maintenance, students learn how to carry out the checks defined by the procedure; replace components, sub-assemblies, products and adjust the levels; update the maintenance indicators. To establish a diagnosis, they must be able to confirm and note a malfunction, an anomaly; to identify the defective systems, sub-assemblies, elements in order to propose corrective solutions.

To ensure corrective maintenance, students learn to replace and repair components and sub-assemblies and to adjust and parameterise them.

To train in the reception and return of a vehicle, they become familiar with the taking over and return of a vehicle with a proposal for an additional or compulsory intervention. They must also know how to complete the repair order and prepare an estimate.