

ASSESSMENT OF UNIT 2

INJECTION AND IGNITION SYSTEMS IN PETROL ENGINES

<u>Moment of assessment :</u>	At the end of the training period corresponding to Unit 2
<u>Time limit :</u>	2 hours 30
<u>Nature of assessment :</u>	Practical assessment in a real situation

Objective :

- Establish a diagnostic on an injection or ignition system on different engines using the appropriate information and testing methods, and repair it.
- Develop personal skills and competences
- Improve problem solving

Context :

- Continuous teacher supervision
- Provide the documents for the task
- During preparation time possibility to practice in groups
- Create alternative, special, and artificial malfunctions on the vehicle tested.

Material Necessary :

- Data and test form
- A vehicle presenting a malfunction on the injection or ignition system.
The malfunction is plausible(created by a computer) and allows only a limited number of hypotheses to be given and values to be taken.
- A job sheet
- All useful technical documents relative to the vehicle
- Equipped work station
- Testing Equipment (connector, specific terminal block...)
- Multimeter
- Diagnostic Tool