

Introduction to Spark Ignition Power Units

Unit Reference	T/501/7011
Level	1
Credit Value	4
Guided Learning Hours	40
Unit Summary	In this unit the learner will find out about the main components of an engine, the operating principles of the four stroke spark ignition engine and the function of gaskets, seals and locking devices
1. Work safely	1.1 Use safe working practices when working on spark ignition power units
2. Know about components of a spark ignition engine	2.1 Identify the major components of the spark ignition engine 2.2 Using methodical procedures, dismantle and reassemble the main components of a four stroke spark ignition engine
3. Know about sealing and locking devices used upon spark ignition engines	3.1 Identify the most common sealing devices used on spark ignition engines to seal: <ul style="list-style-type: none">• Oil• Water• Gas
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