VEHICLE TECHNICIAN ACCREDITATION ASSESSMENT

Tools and Equipment List

Updated: 31 March 2025

Indicative review date: 31 March 2028

# Tools and Equipment List

* 5 pictures laminated and labelled A – E
* 5 wires, labelled A-E, laid out on workbench
* Additional wiring/harness to create a temporary harness to check continuity of the wiring
* Brake fluid tester (either equipment that registers the exact boiling point or a red/amber/green brake fluid tester)
* Brake pipe corrosion tool
* Brake pipe flaring kit in packaging (opened and fully stocked)
* Circuit diagram for the vehicle/circuit
* Cleaning cloth and absorbent materials
* Clipboard
* Coloured highlighter pens
* Container to accept fuel
* Dial Test Indicator gauge and mounts to check brake disc run out
* Exhaust extraction system
* Exhaust Gas analyser with print facility
* Industry standard fault code reader and up to date software
* Grease/oil
* Ignition, spark neon or LED light tester to measure HT voltage
* Inspection lamp
* LED test lamp/circuit tester
* Manufacturer of equipment instructions/specs
* Micrometer to measure brake disc thickness
* Measuring equipment for brake lining thickness
* Diagnostic equipment appropriate for the assessment tasks
* Multimeter
* digital
* with duty cycle/injector duration
* including amps clamp
* with DC volts
* Oscilloscope (with the correct set up according to the waveform/signal voltage where applicable)
* Petrol or diesel engine vehicles
* Vehicle lifting and jacking equipment
* Axle stands where applicable
* PPE
* Copper brake pipe
* Scan tool with the current software
* Selection of hand tools to suit the assessment tasks
* Selection of lever and bars applicable to the assessment tasks
* Supply of brake pipe unions which are compatible with the brake pipe (internal/external)
* Measuring tape
* Technician marking sheets
* Torque wrenches
* Two wheel and tyre assemblies
* Various electrical connectors and test leads
* Vehicle Information and data
* Vehicle Information - Electrical wiring diagrams
* Vehicle data relating to the assessment tasks for example, wiring diagrams and the location of relays and fuses
* Bench vice and workbench which is suitable for securing brake disc assemblies where applicable
* Well-lit workshop area