Practical Assessment Requirements for Advanced Driver Assistance Systems (ADAS) Calibration

The candidate must be able to demonstrate, whilst being observed:

- Ensure all customer and vehicle details are accurate
- selecting and wearing the appropriate personal protective clothing
- observing safety information prior to starting the repair/calibration on the vehicle
- carrying out an initial risk assessment on the vehicle for the repair being carried out
- carrying out checks looking for damage to visible parts of the vehicle
- notifying colleagues of their intention to carry out the repair on the vehicle and complete the appropriate documentation
- locating and consulting appropriate repair methods and data to include diagnostic, testing, tolerances, advice and instructions
- Use appropriate vehicle manufacturers tolerances to carry out diagnosis, testing and calibration accurately
- Carrying out the repair/replacement required following the vehicle manufacturer's guidelines and methods
- selecting and collating tools and equipment which are required to carry out the work
- Describing the methods and practices required to carry out the diagnosis, fault repair and calibration of the vehicle throughout the procedure
- removing and refitting any components in accordance with the manufacturer's guidelines, methods and practices
- checking to ensure that the replaced component meets the manufacturer's specification for the vehicle
- following the vehicle manufacturer's procedures to ensure any replaced component or repair operates correctly
- using testing methods to assess the performance of the reassembled vehicle systems
- carrying out post repair testing to ensure the tolerances are correct for vehicle operation
- Explain the need to carry out the procedure and the requirement for post work inspection
- work in a way which minimises the risk of damage to other vehicle systems, components, units and bodywork
- working safely and legally throughout the task and considered the safety of others
- Complete all documentation as soon as the repair is complete

  Complete the task within the timescale allowed