This NOS is about the straightforward removal and fitting of basic mechanical, electrical and trim (MET) components to vehicles. It is also about checking the operation of the components fitted.
Performance criteria

You must be able to:

P1 use the appropriate personal protective equipment when removing and fitting basic MET components and non welded non-structural body panels

P2 protect the vehicle and its contents effectively when removing and fitting basic MET components and non welded non-structural body panels

P3 select and use the correct tools and equipment for the panels or components you are going to remove or fit

P4 ensure that the tools and equipment you require are in a safe working condition

P5 remove and fit basic MET components and non welded non-structural body panels following:
   P5.1 removal and fitting procedures
   P5.2 manufacturers' instructions
   P5.3 your workplace procedures
   P5.4 health, safety and legal requirements

P6 avoid damaging other components, units and panels on the vehicle

P7 store all removed panels and components safely in the correct location

P8 realign the panels and components you have fitted correctly in a way which regains their original manufactured gaps

P9 check that the components you have fitted operate correctly following the manufacturer's specification

P10 report any additional faults you find during the course of your work to the relevant person(s) promptly

P11 report any delays in completing your work to the relevant person(s) promptly

P12 remove and fit basic MET components or non welded non-structural body panels within the agreed timescale

P13 complete work records accurately, in the format required and pass them to the relevant person(s) promptly
Knowledge and understanding
You need to know and understand:

Legislative and organisational requirements and procedures
K1 the health, safety and legal requirements relating to the removal and fitting of basic MET components and non welded non-structural body panels
K2 your workplace procedures for:
   K2.1 the referral of problems
   K2.2 reporting of delays to the completion of work
   K2.3 completion of work records
K3 the work that needs to be done and the standard required
K4 the requirements for protecting the vehicle and contents from damage before, during and after removing and fitting activities
K5 the importance of selecting, using and maintaining the appropriate personal protective equipment when removing and fitting basic MET components and non welded non-structural body panels

Removing and fitting basic MET components
K6 how to find, interpret and use sources of information applicable to the removal and fitting of basic MET components and non welded non-structural body panels
K7 how to select, check and use all the tools and equipment required to remove and fit basic MET components and non welded non-structural body panels
K8 the correct procedures for removing and fitting basic MET components and non welded non-structural body panels
K9 the correct procedures for working with supplementary safety systems when fitting and removing basic MET components and non welded non-structural body panels
K10 the correct procedures for working with Gas Discharge headlight systems and when fitting and removing basic MET components and non welded non-structural body panels
K11 the methods of storing removed panels and components and the importance of storing them correctly
K12 the different types of fastenings and fixings and the reasons for their use
K13 the need for correct alignment of panels and components and the correct methods used to achieve this
K14 the types of quality checks that can be used to ensure correct alignment and operation of components to manufacturer’s specification and their purpose
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Remove and fit basic motor Mechanical, Electrical and Trim (MET) components and non permanently fixed vehicle body panels

Additional Information

Scope/range related to performance criteria

1. **Basic MET components includes:**
   1.1. bumpers
   1.2. headlamp units
   1.3. road wheels
   1.4. batteries
   1.5. bonnet and boot lid trim
   1.6. interior trim components
   1.7. exterior trim components

2. **Non permanently attached body panels** are
   2.1. wings
   2.2. doors
   2.3. bonnets
   2.4. boot lids and tailgates
   2.5. bumper bars, covers and components

3. **Tools and equipment** are
   3.1. spanners
   3.2. socket set
   3.3. screwdrivers
   3.4. manufacturer’s specified specialist tools
   3.5. pliers and self locking grips
   3.6. power drill and drill bits
   3.7. trolley jack
   3.8. axle stands
   3.9. vehicle lifts
   3.10. torque wrench
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**Glossary**

**Agreed timescales:**
Examples include: job times set by your company or agreed with a specific customer.

**Commercial Vehicles:**
These are medium and large goods vehicles of 3500kgs gross vehicle mass (GVM) and above.

**Components fitted:**
These can be either replacement or refitted components.

**MET:**
Mechanical, electrical and trim.

**Non Permanently Fixed panels:**
Any cosmetic panel within a vehicle that is fitted by mechanical fastening devices and will be undamaged when removed.

**Vehicles:**
These can be any of the following: light vehicles, commercial vehicles, motorcycles, mopeds and scooters.
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