Remove and Fit Mechanical, Electrical and Trim (MET) Components to Vehicles

Overview

This standard is about the straightforward removal and fitting of mechanical, 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:

1. use the appropriate Personal Protective Equipment (PPE) when removing and fitting Mechanical, Electrical and Trim (MET) components
2. protect the vehicle and its contents effectively when removing and fitting Mechanical, Electrical and Trim (MET) components
3. select and use the correct tools and equipment for the components you are going to remove or fit
4. ensure that the tools and equipment you require are in a safe working condition
5. remove and fit Mechanical, Electrical and Trim (MET) components following removal and fitting procedures, manufacturers' instructions, your workplace procedures as well as health, safety and legal requirements
6. avoid damaging other components and standards on the vehicle
7. store all removed components safely in the correct location and ensure no further damage occurs
8. check that the components you have fitted operate correctly following the manufacturer's specification
9. report any additional faults or further damage you find during the course of your work to the relevant person(s) promptly
10. report any delays in completing your work to the relevant person(s) promptly
11. remove and fit Mechanical, Electrical and Trim (MET) components within the agreed timescale
12. 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:

1. the health, safety and legal requirements relating to the removal and fitting of Mechanical, Electrical and Trim (MET) components
2. your workplace procedures for the referral of problems, reporting of delays to the completion of work and completion of work records
3. the work that needs to be done and the standard required
4. the requirements for protecting the vehicle and contents from damage before, during and after removing and fitting activities
5. the importance of selecting, using and maintaining the appropriate Personal Protective Equipment (PPE) when removing and fitting Mechanical, Electrical and Trim (MET) components
6. how to find, interpret and use sources of information applicable to the removal and fitting of Mechanical, Electrical and Trim (MET) components
7. how to select, check and use all the tools and equipment required to remove and fit Mechanical, Electrical and Trim (MET) components
8. the procedures for removing and fitting Mechanical, Electrical and Trim (MET) components
9. the methods of storing removed parts and the importance of storing them correctly
10. the different types of fastenings and the reasons for their use
11. the need for correct alignment of components and the methods used to achieve this
12. the types of quality checks that can be used to ensure correct alignment and operation of components to manufacturer's specification and their purpose
All of the items listed below form part of this National Occupational Standard.

Range:

1. Mechanical, Electrical and Trim (MET) components are:
   
   a) bumpers
   b) lamp standards
   c) road wheels
   d) batteries
   e) bonnet and boot lid trim
   f) interior trim components
   g) exterior trim components
   h) accessories
   i) driver aids
   j) Occupancy safety systems

2. Tools and equipment are:
   
   a) generic hand tools
   b) manufacturer's specified and specialist tools
   c) workshop equipment
## IMIARBBP01

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