

Overview

This standard is about removing and fitting non-permanently fixed panels such as wings, doors, bonnets, boot lids and tailgates on vehicles.

These panels contain safety/ADAS related components.

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Performance criteria

- You must be able to:
- P1 use the appropriate personal protective equipment (PPE) when removing and fitting non-permanently fixed body panels
 - P2 protect the vehicle, its contents and systems effectively when removing and fitting non-permanently fixed body panels
 - P3 select, check and use the correct tools and equipment for the components you are going to remove or fit
 - P4 remove and fit non-permanently fixed body panels following manufacturers' methods/instructions, recognised researched repair methods, your workplace procedures as well as health, safety and legal requirements
 - P5 avoid damaging other components, standards and panels on the vehicle
 - P6 store all removed components safely in the correct location and in accordance with relevant legislation
 - P7 correctly realign the components you have fitted in a way which regains their original manufactured tolerance
 - P8 check that the components you have fitted operate correctly following the manufacturer's specification
 - P9 promptly report any faults and any further damage you notice during the course of your work to the relevant person(s)
 - P10 promptly report any delays in completing your work to the relevant person(s)
 - P11 complete all activities within the agreed timescale
 - P12 complete work records accurately, in the format required and promptly pass them to the relevant person(s)

Knowledge and understanding

You need to know and understand:

- K1 the health, safety and legal requirements relating to the removal and fitting of non-permanently fixed body panels
- K2 your workplace procedures for the referral of problems, reporting of delays to the completion of work and completion of work records
- K3 the work that needs to be done and the standard required
- K4 the relationship between time, cost and profitability
- K5 the requirements for protecting the vehicle and contents from damage before, during and after removing and fitting activities
- K6 the importance of selecting, using and maintaining the appropriate personal protective equipment when removing and fitting non-permanently fixed body panels
- K7 how to find, interpret and use sources of information applicable to the removal and fitting of non-permanently fixed body panels
- K8 how to select, check and use all the tools and equipment required to remove and fit non-permanently fixed body panels
- K9 the different types of mechanical fixings for non-permanently fixed body panels and when and why they should be used
- K10 the correct procedures and processes for removing and fitting non-permanently fixed body panels
- K11 the need for correct alignment of panels and the methods used to achieve this
- K12 the types of quality control checks that can be used to ensure correct alignment and contour of panels and operation of components to manufacturer's specification
- K13 the methods of storing removed components and the importance of storing them correctly and in accordance with legal requirements
- K14 the potential implications of fitting a recycled or refurbished part

Scope/range

All of the items listed below form part of this National Occupational Standard.

1. Panels are:

- 1.1. wings
- 1.2. doors
- 1.3. bonnets
- 1.4. boot lids
- 1.5. tailgates
- 1.6. bumpers
- 1.7. other non-structural exterior panels

2. Tools and equipment are:

- 2.1. generic hand tools
- 2.2. manufacturer's specified and specialist tools
- 2.3. workshop equipment

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