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| Overview | This standard is about the straightforward removal and fitting of basic mechanical, electrical and trim (MET) components and body parts specific to carrying out automotive glazing repair and installation processes and procedures. It also covers quality checks on the operation of the components fitted to ensure their correct function. |

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| **Performance criteria**  You must be able to: | P1 use the appropriate personal protective equipment when removing and fitting basic MET components and non-structural body panels  P2 protect the vehicle and its contents effectively when removing and fitting basic MET components and 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-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 MET components or 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 |
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| Knowledge and understanding  You need to know and understand:  You need to know and understand:  **Additional Information**  Scope/range | Legislative and organisational requirements and procedures K1 the health, safety and legal requirements relating to the removal and fitting of MET components and 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 MET components and 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 MET components and non-structural body panels.  K7 how to select, check and use all the tools and equipment required to remove and fit MET components and non-structural body panels.  K8 the correct procedures for removing and fitting MET components and non-structural body panels.  K9 the correct procedures for working with supplementary safety systems whenfitting and removing MET components and non-structural body panels.  K10 the correct procedures for working with Gas Discharge headlight systems and when fitting and removing MET components and 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.  1 Basic MET components include:   * 1. Windscreen      1. heated screen      2. light sensors      3. head-up displays      4. rain sensor      5. moisture sensor      6. lane change cameras      7. GPS      8. integral ariels   2. Whole vehicle      1. wipers      2. headlamp units/headlinings      3. window mechanisms      4. rear and side mirrors      5. anti-theft      6. trap-detectors      7. electric mirrors      8. SRS systems/pressure sensors      9. locking systems   1.3 Non-structural body panels and interior and exterior trim |
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| **Developed by** | IMI |
| **Version number** | 2 |
| Date approved |  |
| Indicative review date |  |
| Validity | Under consultation |
| Status | Original |
| Originating organisation | IMI |
| Original URN | IMIAG16 |
| Relevant occupations | Tyre exhaust and windscreen fitters |
| Suite | Automotive glazing |
| Key words | Non-structural body panels; MET; Mechanical electrical and trim |