
Overview

This standard is about the removal, renewal and refitting of trim following accident damage where the work is complicated by the presence of safety systems.

Performance criteria

- You must be able to:*
1. use the appropriate personal protective equipment when removing and refitting **trim**
 2. protect the **vehicle** and its contents effectively when removing and refitting trim
 3. support your removal and replacement activities by referring to:
 - 3.1 vehicle technical data
 - 3.2 manufacturer's guidance
 - 3.3 removal and replacement procedures
 - 3.4 legal requirements
 4. ensure that the **tools and equipment** you require are calibrated and in a safe working condition to meet manufacturer's and legal requirement
 5. select and use the correct tools and equipment for the components you are going to remove or refit
 6. remove and refit trim following:
 - 6.1 recognised research methods
 - 6.2 removal and refitting procedures
 - 6.3 manufacturers' instructions
 - 6.4 your workplace procedures
 - 6.5 health, safety and legal requirements
 7. work in a way which reduces the risk of damaging other components and units on the vehicle
 8. adapt your working practices and techniques safely to suit the needs of the job and vehicle
 9. store all removed components safely in the correct location
 10. prepare, connect and test all available electronic system testing equipment following manufacturer's instructions prior to use
 11. check that the trim you have fitted operates correctly following the manufacturer's specification prior to release to the customer
 12. correct any component and system operational faults within the limits of your authority
 13. report any additional vehicle unit and component faults you find during the course of your work to the relevant person(s) promptly
 14. make suitable and justifiable recommendations for further cost effective repairs, if required
 15. report any delays in completing your work to the relevant person(s) promptly
 16. remove and refit trim within the agreed timescale
 17. complete work records accurately, in the format required and pass them to the relevant person(s) promptly

IMIMET07

Remove, Renew and Refit Trim Directly Linked to Safety Systems



Knowledge and understanding

You need to know and understand: **Legislative and organisational requirements and procedures**

1. the health, safety and legal requirements relating to the removal and refitting of trim
2. how the vehicle is powered and the associated health and safety risks
3. your workplace procedures for:
 - 3.1 the referral of problems
 - 3.2 reporting of delays to the completion of work
 - 3.3 completion of work records
 - 3.4 transportation and storage of trim
4. the requirements of manufacturer's warranty agreements
5. the work that needs to be done and the standard required
6. the requirements for protecting the vehicle and contents from damage before, during and after removing and refitting activities
7. the importance of selecting, using and maintaining the appropriate personal protective equipment when removing and refitting trim

Equipment

8. how to select, check and use all the tools and equipment required to remove and refit trim

Safety Systems

9. the difference between active and passive safety systems
10. the different types of systems found in vehicles
11. how to work with the systems safely
12. how the different safety systems work in relation to each other

Removal, renewal and refitting of trim

13. types of trim commonly linked to safety systems
14. the construction and operation of advanced trim and systems
15. how trim and systems linked to them interact with other vehicle systems via multiplexing
16. where to find and how to interpret and use sources of information applicable to the removal and refitting of trim
17. the procedures necessary prior to carrying out removal and refitting

of trim

18. types of **contaminants** associated with accident damaged vehicles and the dangers associated with them

19. the procedures for the systematic removal and refitting of trim

20. the methods of storing removed parts and the importance of storing them safely and correctly

21. the different types of fastenings used for trim and the reasons for their use

22. the need for correct alignment of components and the methods used to achieve this

23. the types of quality checks that can be used to ensure correct alignment and operation of components to manufacturer's specification and their purpose

Scope/range

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

1. Trim systems are:

- 1.1 electronic interior controls
- 1.2 electronic exterior controls
- 1.3 driver assist systems
- 1.4 interior supplemental restraint systems (SRS)
- 1.5 exterior supplemental restraint systems (SRS)

2. Tools and equipment are:

- 2.1 hand tools
- 2.2 special purpose equipment
- 2.3 general workshop equipment
- 2.4 electronic testing equipment
- 2.5 measuring

Glossary

Contaminants

Examples include: high voltage; glass; gases; fuel; hydro-carbons.

Vehicles

These can be light vehicles or commercial vehicles.

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Relevant Occupations Mechanical, Electrical and Trim Assistant Technician (Automotive);
Mechanical, Electrical and Trim Technician (Automotive)

Suite Accident Repair - Mechanical, Electrical and Trim

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