

## Overview

This standard is about identifying and rectifying a range of faults in vehicle paintwork which may often require the removal of materials to a sound substrate in order for the defect to be established and rectification to take place. The repair area will consist of two or more panels.

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## Performance criteria

*You must be able to:*

P1 use the appropriate personal protective equipment when establishing and carrying out repairs to paint defects and faults

P2 protect the vehicle and its contents effectively when establishing and carrying out repairs to paint defects and faults

P3 support your investigation and rectification activities by reviewing:

P3.1 product data

P3.2 the vehicle manufacturer's technical data

P3.3 colour libraries

P3.4 work instructions

P4 prepare, check and adjust all the tools and equipment required, following manufacturer's instructions prior to use

P5 identify the body panel substrate accurately prior to establishing defects and undertaking any rectification work

P6 dispose of waste materials to conform with legal, environmental and workplace requirements

P7 leave tools, equipment and work environment in a clean and serviceable condition, as appropriate

P8 promptly report any anticipated delays in completion to the relevant person(s)

## Knowledge and understanding

### *You need to know and understand:*

K1 the health and safety legislation and workplace procedures relevant to workshop practices and personal and vehicle protection

K2 the importance of disposing of waste safely and the consequences of not doing so to the business, others and the environment

K3 the importance of selecting, using and maintaining the appropriate personal and vehicle protective equipment when establishing and repairing paint defects and faults

K4 the vehicle work specification agreed

K5 your workplace procedures for:

K5.1 the referral of problems

K5.2 reporting delays to the completion of work

K5.3 personal protection

K6 the requirements for protecting the vehicle and contents from damage before, during and after establishing and repairing paint defects and faults

K7 the relationship between time, cost and productivity

K8 how to prepare, check, use and adjust all the investigation and refinishing tools and equipment required for establishing and repairing paint defects and faults

K9 the types of fault that can be caused by environmental, industrial and faulty or misused refinishing tools and equipment and how to rectify them

K10 how to prevent further paint damage during rectification

K11 how to dispose of waste materials in compliance with any environmental requirements/legislation and workplace procedures

K12 how to work safely avoiding damage to vehicles, personal injury and injury to colleagues

K13 the importance of cleaning prior to and after paint rectification work

K14 the importance of keeping tools, equipment and materials clean and free from contamination during rectification work

K15 the importance of following manufacturer's instructions and using their approved methods of working (including use of materials and equipment)

K16 the consequences of failing to follow manufacturer's instructions

K17 the importance of working to agreed timescales and keeping others informed of progress and delays

K18 the implications of not following an agreed quality control process

IMIVPR07

Identify and rectify complex defects in paintwork on automotive vehicles



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