
Overview

This standard is about removing and replacing units and components previously identified as faulty, damaged, deteriorated or where the customer has requested replacements. It is also about evaluating the performance of replaced units and components.

The units and components concerned are those not replaced as part of normal routine heavy vehicle trailer maintenance (servicing) activities.

Performance criteria

You must be able to:

P1 use suitable personal and vehicle protective equipment throughout all heavy vehicle trailer maintenance activities

P2 support your removal and replacement activities by reviewing

P2.1 heavy vehicle trailer technical data

P2.2 removal and replacement procedures

P2.3 legal requirements

P3 prepare, check and use all the **equipment** required following manufacturers' instructions

P4 carry out all removal and replacement activities following;

P4.1 manufacturers' instructions

P4.2 your workplace procedures

P4.3 health, safety and environmental requirements

P5 work in a way which minimises the risk of:

P5.1 damage to other heavy vehicle trailer systems, units and components

P5.2 damage to your working environment

P5.3 contact with leakage and hazardous substances

P5.4 injury to self and others

P6 ensure replaced **electrical auxiliary units and components** conform to the heavy vehicle trailer operating specification and any legal requirements

P7 promptly record and report any additional faults you notice during the course of your work

P8 use suitable **testing methods** to evaluate the performance of the reassembled system accurately

P9 ensure the reassembled system performs to the heavy vehicle trailer operating specification and meets any legal requirements prior to return to the customer

P10 ensure your records are accurate, complete and promptly passed to the relevant person(s) in the format required

P11 complete all removal and replacement activities within the agreed timescale

P12 promptly report any expected delays in completion to the relevant person(s)

IMIHV03

Remove and replace heavy vehicle trailer electrical auxiliary units and components



Knowledge and understanding

You need to know and understand: