

Miscellaneous items

9-1 Electrical wiring



Summary of legislation

Applicable legislation

- Land Transport Rule: Heavy Vehicles 2004

Condition

1. The current ratings of the electrical wires in a vehicle must not be exceeded.
2. Electrical wires in a vehicle must:
 - a) be insulated and protected from damage that could be caused by water, fuel, oil, other fluids, dirt or heat, and
 - b) if practicable, be clipped or otherwise gathered into looms with an insulating material.
3. Electrical wires and looms must:
4. Be appropriately and securely fastened to the vehicle to protect them from damage, and
5. Where they pass through holes in the vehicle structure, be protected from damage.

Reasons for rejection

Condition

1. An electrical wire shows signs of:
 - a) overheating, or
 - b) chafing, or
 - c) other damage.
2. Electrical wires in a vehicle are not:
 - a) insulated and protected from damage that could be caused by water, fuel, oil, other fluids, dirt or heat, or
 - b) clipped or otherwise gathered into looms with an insulating material, where this is practicable.
3. Electrical wires and looms are not:
 - a) appropriately and securely fastened to the vehicle to protect them from damage, or
 - b) protected from damage, where they pass through holes in the vehicle structure.

