

Light Vehicle Inspection Manual

Section 11 Petrol / Diesel Vehicles

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Australian Design Rules relevant to this section

ADR 17/...	Fuel system
ADR 44/...	Specific purpose vehicle requirements

OBJECTIVE: To ensure that petrol/diesel systems and associated components are fitted in accordance with the regulations and operate in a safe manner.

11.1. Visually inspect the fuel system

Reasons for rejection

- a) There is leakage from any part of the fuel system.
- b) Fuel lines are in contact with moving parts or a heat source, are kinked, cracked or not secure.
- c) Fuel tanks are not securely mounted and straps, supports, mounting brackets or fasteners are missing, cracked, broken or loose.
- d) Fuel tanks are damaged or corroded so that leaks could result.
- e) The fuel filler pipe inlet and cap are not located on the outside of the vehicle unless originally fitted inside by the manufacturer.
- f) Vehicles designed to operate on unleaded fuel are not fitted with a smaller filler neck which will only accept the nozzle of an unleaded petrol pump.
- g) Fuel filler cap is missing or not suitable for the type of tank.
- h) Fuel filler cap seal is damaged or missing.
- i) The fuel filler restrictor is missing from the filler neck of a vehicle exclusively designed for unleaded fuel and fitted with a catalytic converter.
- j) Multiple and/or replacement carburettors fitted to any motor vehicle do not continue to comply with the emission requirements of the Australian Design Rules applicable at the time of the vehicle's manufacture.