

Steering

9-1 Steering and suspension systems

IMPORTANT If a vehicle's suspension system has been damaged beyond the threshold specified in Vehicle structure – 3-4 Threshold for requiring repair certification it must be certified by a specialist repair certifier before entry certification.

Summary of legislation

Applicable legislation

- Land Transport Rule: Steering Systems 2001
- Traffic Regulations 1976, Reg 70
- *New Zealand Gazette*, 19 March 1998, Issue 42, page 978
- *New Zealand Gazette*, 25 February 1999, Issue 23, page 575

Mandatory and permitted equipment

1. Vehicles must have the steering column to the right of the longitudinal centre line of the body of the vehicle, except for exempted vehicles. Exempted vehicles are listed in the *New Zealand Gazette* notices appending the Pre-registration and VIN 6 – Left-hand drive vehicles section of this manual.
2. Vehicles must also comply with the requirements relating to mandatory equipment set out in the *VIRM: In-service certification*, section 9-1.

Compliance with approved standards

3. The steering systems on the following vehicles must comply with one or more of the approved steering system standards in **Table 9-1-1**:
 - a) vehicles of class MA manufactured on or after 1 January 1992 (**Note 1**)
 - b) vehicles of class MB manufactured on or after 1 March 1999 (**Note 1**)
 - c) vehicles of class MC manufactured on or after 1 March 1998 (**Note 1**).

Condition, performance and modification

4. Steering and suspension systems must comply with the requirements relating to condition, performance and modification set out in the *VIRM: In-service certification*, section 9-1.

Reasons for rejection

Mandatory and permitted equipment

1. A vehicle that is not covered by an exemption has the steering column to the left of the longitudinal centre line of the body of the vehicle.
2. A vehicle does not comply with a requirement relating to mandatory equipment set out in the *VIRM: In-service certification*, section 9-1.

Compliance with approved standards

3. A vehicle that is required to comply with an approved steering system standard in respect of its steering system did not comply, or cannot be demonstrated to have complied, at the time of manufacture, with
 - a) the steering system standard(s) listed in at least one of the four columns in **Table 9-1-1**, or
 - b) at least one of the frontal impact standard(s) listed in **Table 3-1-1** of this manual.

Condition, performance and modification

4. A steering or suspension system does not comply with a requirement relating to condition, performance or modification set out in the *VIRM: In-service certification*, section 9-1.

Note 1 Vehicles that comply with approved frontal impact standards are not required to comply with approved steering system standards.

Table 9-1-1. Approved steering system standards*

UN-ECE Regulation no.	EEC/EC Directive	FMVSS	ADR	Japan
12 and 79	74/297 or 91/662 and one of: 70/311 92/62 99/7	203 and 204	10	TS for steering system impact Article 11

* A steering system that is required to comply with an approved steering system standard must comply with the standard(s) listed in at least one of the four columns.

Note 2 Refer to Pre-registration and VIN 6 - Left-hand drive vehicles for information on left-hand drive vehicles and reproductions of *New Zealand Gazette* notices 1851 (1998) and 1478 (1999).