

SECTION 14 LIGHT MOTOR VEHICLES

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14.1 KEY PRINCIPLES

DO...

- ✓ Exercise **high standards** of care and attention **at all times**.
- ✓ Inspect each vehicle **before** and **after** each load and unload as required by **Quality Assurance**.

14.2 DOCUMENTATION

Special documentation is available for the transportation of motor vehicles. See Section 7.1 and Diagram 7.5.

14.3 METHODS OF RESTRAINT

Where fitted, restraints must be one of the following:

- ➔ Web strops attached to underbody brackets or securing points.
- ➔ Wheel chocks.
- ➔ Commercial vehicles must have two strops front and rear fitted.

14.4 LOADING & UNLOADING

At all times...

DO...

- ✓ Take extreme care whilst vehicles are being loaded or unloaded..
- ✓ Operate all ramps according to instructions.
- ✓ Check that all locks and securing pins are in place before moving any vehicles.

14.5 VEHICLE DIMENSIONS & WAGON HEIGHT LIMITATIONS

DO...

- ✓ Check each vehicle's dimensions and that it is within gauge for the wagon it is being loaded onto. Watch out for items that are higher than the rest of the vehicle and for items that have been modified, e.g., wide wheels.

GT AND DD WAGONS

Maximum heights for vehicles on GT and DD wagon decks are given below:

	GT Wagon	DD Wagon	Upgraded GT Wagon	
Bottom deck maximum:	1400 mm	1500	1480	Top Deck Max
Top end deck maximum:	1520 mm	1478	2010	Bottom centre deck
Top centre deck maximum:	1920 mm	1478	1576	Bottom end deck

- ➔ Similar dimensions apply to most twin-decked road car transporters.

14.6 CLOTHING & PERSONAL PROTECTION EQUIPMENT (PPE)

DO...

- ✓ Wear soft clothing and clean, oil-free safety footwear without external steel caps.

DO NOT...

- ✗ **DO NOT** wear jewellery, buckles or other items that could damage vehicles upon direct contact.

14.7 FUEL SYSTEMS

DO...

- ✓ 'Think Safe'.

DO NOT...

- ✗ **DO NOT** accept or load for transportation any motor vehicle or machinery that shows signs of fuel leaks or damage to its fuel system.

14.8 VEHICLE BRAKES & GEARS

DO...

- ✓ Ensure that loaded vehicles have their **handbrakes on**.
- ✓ Ensure that vehicles with automatic transmission are left in '**Park**'.
- ✓ Ensure that **normal** vehicles with manual transmission are left in **first gear**.
- ✓ Ensure that **high-performance** vehicles are left in **neutral** to avoid damage to engines and gearboxes.

14.9 AUTO EXPRESS ROUTES ON RAIL

GT WAGONS

These operate mainly between the following centres:

Auckland	Wellington
Christchurch	Dunedin

DD WAGONS

These can operate to all railheads, although they tend to operate mainly on the same routes as GT wagons.

14.10 SECURING TO FLAT DECK WAGONS INCLUDING DD WAGONS

DO...

- ✓ Check vehicle dimensions and that it is within gauge for the wagon it is being loaded onto. Watch out for items that are higher than the rest of the vehicle and for items that have been modified, e.g., wide wheels .
- ✓ Leave vehicle in first gear (manual) or Park (automatic). NOTE: High-performance vehicles may need to be left in neutral to avoid damage to the engine and gearbox.
- ✓ Put handbrake on.
- ✓ If handbrake does not work, use extra securing - chock if necessary.
- ✓ Use strops rather than chains as there is less risk of damage to the vehicle.
- ✓ Use two strops or one chain to secure the vehicle from the front.
Use two strops or one chain to secure the vehicle from the rear.
- ✓ If using strops, use one on each corner to secure the vehicle.
- ✓ Use chocks if the vehicle has pneumatic tyres.
- ✓ To protect from rubbing against the chock, use dunnage against the vehicle wheel and tyre.
- ✓ Use protective sleeves or rubber to protect strops from fraying, especially if securing vehicles through the wheels.

DO NOT...

- ✗ **DO NOT** use suspension arms for securing the vehicle—this will damage the suspension.
- ✗ **DO NOT** put too much downward pressure on suspension when using chains.