

# Motorhome Modification and Certification Considerations

## LIGHT VEHICLES

For light motorhomes (GVM of 4500kg or less) registered in Victoria, please refer to Vehicle Standards Information 5 (VSI5): <https://www.vicroads.vic.gov.au/safety-and-road-rules/vehicle-safety/vehicle-standards-information>



## HEAVY VEHICLES

For heavy vehicles in NHVR jurisdictions, please refer to Vehicle Standards Guide 5 (VSG5): <https://www.nhvr.gov.au/files/201806-0305-vsg5-converting-a-vehicle-into-a-motorhome.pdf>

## AUSTRALIAN DESIGN RULES (ADR)

It is important to be aware of the ADRs when modifying a motorhome, which can be found here: <https://www.infrastructure.gov.au/vehicles/design/>

Relevant ADRs include but are not limited to:

- **ADR 4** – The type of seatbelt required could change if vehicle category changes
- **ADR 8** - Glass must be of an approved automotive grade
- **ADR 42** – General Safety Requirements for equipment like TV screens etc.
- **ADR 43** - Rear overhang cannot be exceeded by a towbar, AC unit or bike rack, etc. and vehicle width cannot be exceeded by an awning or external power sockets, etc.

## VEHICLE STANDARDS BULLETINS (VSB)

These are the Codes of Practice for vehicle modifications and links to these can be found below:

- VSB14 (Light Vehicles): [https://www.infrastructure.gov.au/vehicles/vehicle\\_regulation/bulletin/vsb\\_ncop.aspx](https://www.infrastructure.gov.au/vehicles/vehicle_regulation/bulletin/vsb_ncop.aspx)
- VSB6 (Heavy Vehicles): <https://www.nhvr.gov.au/safety-accreditation-compliance/vehicle-standards-and-modifications/vehicle-standards-bulletin-6>
- VSB5, 5A & 5B (Seating): [https://www.infrastructure.gov.au/vehicles/vehicle\\_regulation/bulletin/index.aspx](https://www.infrastructure.gov.au/vehicles/vehicle_regulation/bulletin/index.aspx)

**TRANSPORT**  
CERTIFICATION SERVICES

E : [info@transportengineer.com](mailto:info@transportengineer.com)

P: (03) 9753 5200

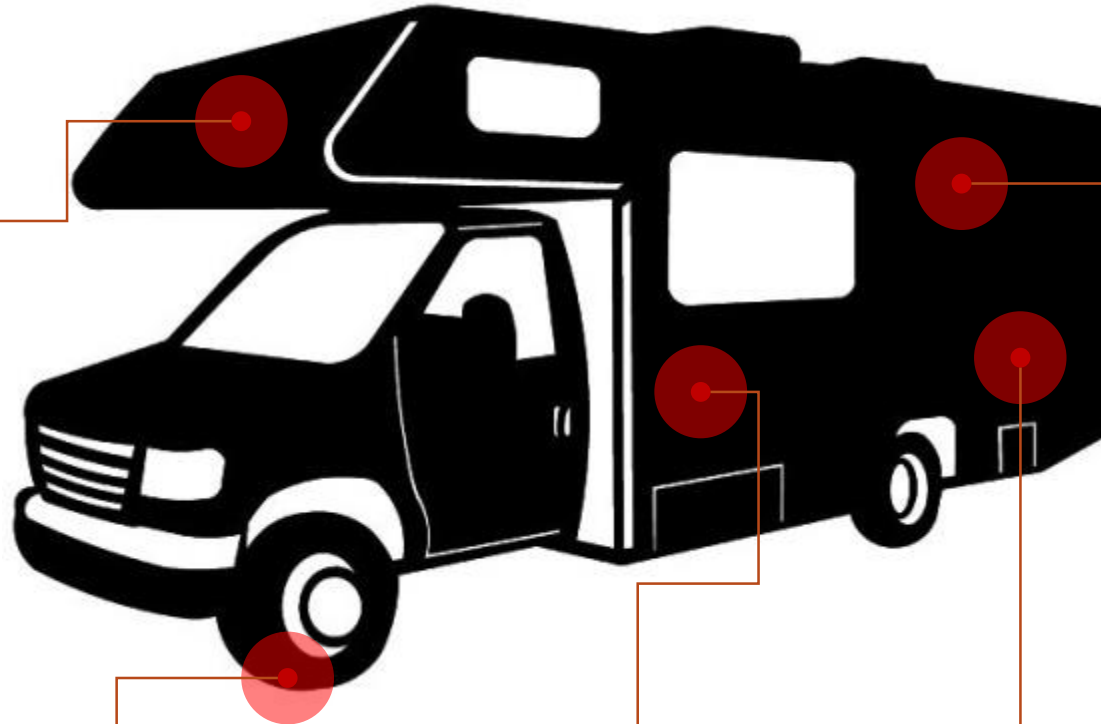
F: (03) 9753 5600

W: [www.transportengineer.com](http://www.transportengineer.com)

14/69 Acacia Road Ferntree Gully VIC 3156

## PLUMBING & ELECTRICAL

If fitted, all plumbing and electrical installations must be certified (we cannot certify this). Plumbing and electrical certificates issued by licensed tradespeople are required and must be supplied to TCS.



## LOCKS & LATCHES

Suitable locks and latches are required on all cupboards, fridges, microwaves, cooktop covers, etc. All permanent furniture and cabinetry must be suitably attached to vehicle structure. There must be storage to restrain any loose items during transit

## MASS

Careful consideration must be given to the tare mass of the completed vehicle. There must be sufficient payload for occupants and cargo. For goods carrying vehicles, the combined occupant mass (allowing 68kg per occupant) cannot exceed 50% of the available payload.

Payload = GVM - Tare

## DOORS & WINDOWS

An outward opening door on left side or rear is required; inward folding or inward rotating doors are not an acceptable alternative to an outward opening door. All windows must meet a recognised Automotive standard.

## BEDS

There cannot be more beds than designated seating positions. A designated seating position is a seat with a seatbelt that has been certified for use while the vehicle is in transit

**TRANSPORT**  
CERTIFICATION SERVICES