

# Application to Modify a Heavy Vehicle (more than 4.5t GVM)

Fields marked with asterisk (\*) are mandatory

VS32(hv)

|                  |             |                 |                |
|------------------|-------------|-----------------|----------------|
| Office use only^ | Vehicle Id^ | File Reference^ | Date received^ |
|------------------|-------------|-----------------|----------------|

## Section 1 - Owner/Applicant details

|                  |                                                                           |
|------------------|---------------------------------------------------------------------------|
| Owner/Applicant* | NT Residence (✓) Yes <input type="checkbox"/> No <input type="checkbox"/> |
|------------------|---------------------------------------------------------------------------|

Address\*

Postal address\*

Contact Person  
(owner/authorised representative)

|      |       |        |
|------|-------|--------|
| Name | Phone | Email* |
|------|-------|--------|

## Notes for guidance

- (1) This application form should be read in conjunction with Information Bulletin V32(hv) – Heavy Vehicle Modifications
- (2) NT vehicle modification scheme is only available to vehicle owners/operators who meet NT residency requirements for vehicle registration
- (3) Please attach any drawings, sketches, engineering approvals, kit approvals, photographs or any other information that you consider will assist in assessing this application. The more information you supply with this application, the less likelihood of delays
- (4) Applicants should NOT commence work until they receive written approval in principle to proceed with modifications
- (5) "tick" the appropriate box  as required
- (6) Where an agent/contact person is the representative of the vehicle owner, written authorisation of authority is required from the owner
- (7) Modern production vehicles approved for use in Australia will be issued a Commonwealth vehicle approval number known as an Identification Plate Approval (IPA) or Compliance Plate Approval (CPA) or Vehicle Type Approval (VTA). This number is required in Section 2, if known

## Type of modification - as appropriate

|                                            |                                                                   |                                                |                                                       |
|--------------------------------------------|-------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------|
| Prime Mover <input type="checkbox"/>       | Trailer/Dolly Converter <input type="checkbox"/>                  | Motorhome/Campervan <input type="checkbox"/>   | Commercial Passenger Vehicle <input type="checkbox"/> |
| Rigid Truck/Bus <input type="checkbox"/>   | Driver Training/Adaptive System Controls <input type="checkbox"/> | Wheelchair Accessible <input type="checkbox"/> | Special Purpose Vehicle <input type="checkbox"/>      |
| Road train rating <input type="checkbox"/> | GVM/GCM/ATM rating <input type="checkbox"/>                       | Livestock rating <input type="checkbox"/>      |                                                       |

## Section 2 - Vehicle details

|                            |                               |                                                          |             |                |
|----------------------------|-------------------------------|----------------------------------------------------------|-------------|----------------|
| Registration Plate Number* | State*                        | Yes <input type="checkbox"/> No <input type="checkbox"/> | Registered* | CPA/VTA*       |
| Make*                      | Model*                        | Vehicle Identification/Chassis/Serial Number*            |             |                |
| Body Style*                | Date of Manufacture*(mm/yyyy) | GVM/ATM*                                                 | GCM*        | Engine Number* |

## Manufacturers safety options – is the vehicle fitted with any of the following features?

|                                                             |                                                               |                                                              |
|-------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------|
| <input type="checkbox"/> ESC (Electronic Stability Control) | <input type="checkbox"/> SRS (Supplementary Restraint System) | <input type="checkbox"/> EBS (Electronic Brake Distribution) |
| <input type="checkbox"/> ABS (Anti-lock Braking System)     | <input type="checkbox"/> Other (Please specify)               |                                                              |

## Adaptive hand/foot/electronic controls – driver training/specialised driving equipment

| Adaptive hand/foot controls                     | Dual controls                        | Operation                           | Additional information |
|-------------------------------------------------|--------------------------------------|-------------------------------------|------------------------|
| <input type="checkbox"/> Push/pull hand control | <input type="checkbox"/> Accelerator | <input type="checkbox"/> Cable      | .....                  |
| <input type="checkbox"/> Spinner knob           | <input type="checkbox"/> Brake       | <input type="checkbox"/> Mechanical | .....                  |
|                                                 | <input type="checkbox"/> Clutch      | <input type="checkbox"/> Hydraulic  | .....                  |
| <input type="checkbox"/> Other                  |                                      | <input type="checkbox"/> Electronic | .....                  |

**Section 3 – Vehicle rating/category**

| (✓ as appropriate) | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> | Proposed |  |
|--------------------|-----------------------------------|----------------------------------|----------|--|
| Tare               |                                   |                                  |          |  |
| GVM/ATM            |                                   |                                  |          |  |
| GCM                |                                   |                                  |          |  |
| ADR category       |                                   |                                  |          |  |
| Other rating       |                                   |                                  |          |  |
| Comments           | _____<br>_____<br>_____           |                                  |          |  |

**Section 4 - Engine**

| (✓ as appropriate)               | Original <input type="checkbox"/> |               | Unknown <input type="checkbox"/> |               | Proposed            |               |              |               |
|----------------------------------|-----------------------------------|---------------|----------------------------------|---------------|---------------------|---------------|--------------|---------------|
| Capacity/Cylinders               | ml                                |               | cyl                              |               | ml                  |               | cyl          |               |
| Make                             |                                   |               |                                  |               |                     |               |              |               |
| Year of manufacture              |                                   |               |                                  |               |                     |               |              |               |
| Type (inline, v8, rotary)        |                                   |               |                                  |               |                     |               |              |               |
| Fuel type                        |                                   |               |                                  |               |                     |               |              |               |
| Fuel induction ( <i>circle</i> ) | Naturally Aspirated               | Turbo charged | Supercharged                     | Fuel injected | Naturally Aspirated | Turbo charged | Supercharged | Fuel injected |
| New engine number                | N/A                               |               |                                  |               |                     |               |              |               |
| Engine weight (kg)               |                                   |               |                                  |               |                     |               |              |               |
| Comments                         | _____<br>_____<br>_____           |               |                                  |               |                     |               |              |               |

**Section 5 – Transmission**

| (✓ as appropriate) | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> | Proposed |  |
|--------------------|-----------------------------------|----------------------------------|----------|--|
| Type               |                                   |                                  |          |  |
| Comments           | _____<br>_____<br>_____           |                                  |          |  |

**Section 6 – Driveline**

| (✓ as appropriate) | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> | Proposed |  |
|--------------------|-----------------------------------|----------------------------------|----------|--|
| Type               |                                   |                                  |          |  |
| Comments           | _____<br>_____<br>_____           |                                  |          |  |

**Section 7 – Front axle and suspension**

|                 | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> | Proposed |  |
|-----------------|-----------------------------------|----------------------------------|----------|--|
| Axle type       |                                   |                                  |          |  |
| Suspension Type |                                   |                                  |          |  |
| Comments        | _____<br>_____<br>_____           |                                  |          |  |

**Section 8 – Rear axle and suspension**

| (✓ as appropriate) | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> | Proposed |  |
|--------------------|-----------------------------------|----------------------------------|----------|--|
| Axle type          |                                   |                                  |          |  |
| Differential ratio |                                   |                                  |          |  |
| Suspension type    |                                   |                                  |          |  |
| Comments           | _____<br>_____<br>_____           |                                  |          |  |

**Section 9 - Brakes**

| (✓ as appropriate)                       | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> | Proposed |        |
|------------------------------------------|-----------------------------------|----------------------------------|----------|--------|
| Master cylinder make                     |                                   |                                  |          |        |
| Type (circle)                            | Dual                              | Single                           | Dual     | Single |
| Brake booster make                       |                                   |                                  |          |        |
| Front brakes (circle)                    | Disc                              | Drum                             | Disc     | Drum   |
| Rear brakes (circle)                     | Disc                              | Drum                             | Disc     | Drum   |
| Braking system compressor output (l/sec) |                                   |                                  |          |        |
| Handbrake type                           |                                   |                                  |          |        |
| Proportioning valve                      |                                   |                                  |          |        |
| Comments                                 | _____<br>_____<br>_____           |                                  |          |        |

**Section 10 – Steering**

| (✓ as appropriate) | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> | Proposed |      |
|--------------------|-----------------------------------|----------------------------------|----------|------|
| Type (circle)      | Box                               | Rack                             | Box      | Rack |
| Column             |                                   |                                  |          |      |
| Comments           | _____<br>_____<br>_____           |                                  |          |      |

**Section 11 – Front wheels and tyres**

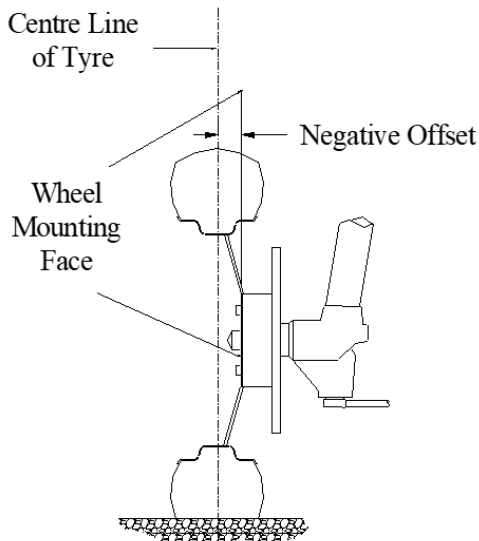
| (✓ as appropriate)          | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> | Proposed |
|-----------------------------|-----------------------------------|----------------------------------|----------|
| Wheel diameter              |                                   |                                  |          |
| Rim width                   |                                   |                                  |          |
| Rim offset (-neg/+pos)      |                                   |                                  |          |
| Wheel material              |                                   |                                  |          |
| Tyre size/rating            |                                   |                                  |          |
| Construction (radial/x ply) |                                   |                                  |          |
| Comments                    | <p>.....</p> <p>.....</p>         |                                  |          |

**Section 12 – Rear wheels and tyres**

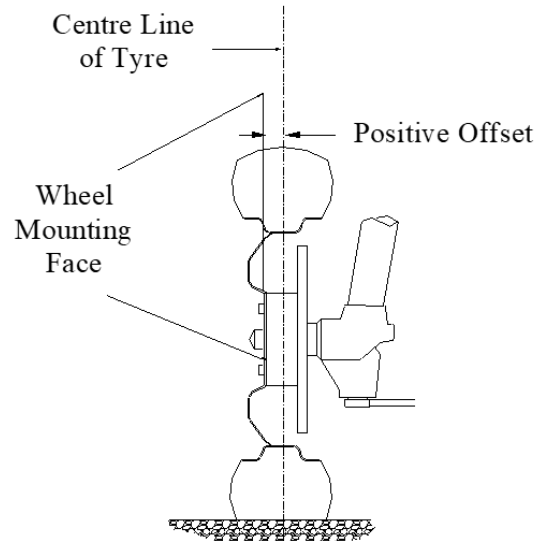
| (✓ as appropriate)          | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> | Proposed |
|-----------------------------|-----------------------------------|----------------------------------|----------|
| Wheel diameter              |                                   |                                  |          |
| Rim width                   |                                   |                                  |          |
| Rim offset (-neg/+pos)      |                                   |                                  |          |
| Wheel material              |                                   |                                  |          |
| Tyre size/rating            |                                   |                                  |          |
| Construction (radial/x ply) |                                   |                                  |          |
| Comments                    | <p>.....</p> <p>.....</p>         |                                  |          |

**Wheel Rim Offset**

**Negative Offset**



**Positive Offset**



**Section 13 – Wheel track**

| (✓ as appropriate) | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> | Proposed |
|--------------------|-----------------------------------|----------------------------------|----------|
| Front (mm)         |                                   |                                  |          |
| Rear (mm)          |                                   |                                  |          |
| Comments           | <hr/> <hr/> <hr/> <hr/>           |                                  |          |

**Note:**

- Wheel Track is measured from the centre of the tyre to the centre of the opposite tyre on the same axle
- Wheelbase is measured from the centre of the front axle to the centre of the rear axle (rear overhang line)
- Rear Overhang is the distance measured from the rear overhang line to the rearmost part of the vehicle
- Overall height is measured from the ground to the highest rigid point of the roof (excluding vehicle accessories)
- Minimum ground clearance dimensions apply
- For further information on vehicle dimension limits including load, refer to Information Bulletin V13 Vehicle Dimension Limits - [https://nt.gov.au/\\_data/assets/pdf\\_file/0007/374335/v13-vehicle-dimensional-limits.pdf](https://nt.gov.au/_data/assets/pdf_file/0007/374335/v13-vehicle-dimensional-limits.pdf)

**Section 14 – Wheelbase and overall height**

| (✓ as appropriate)  | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> | Proposed |
|---------------------|-----------------------------------|----------------------------------|----------|
| Wheelbase (mm)      |                                   |                                  |          |
| Rear overhang (mm)  |                                   |                                  |          |
| Overall height (mm) |                                   |                                  |          |
| Comments            | <hr/> <hr/> <hr/> <hr/>           |                                  |          |

**Section 15 – Chassis and body**

| (✓ as appropriate)                        | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> |  |
|-------------------------------------------|-----------------------------------|----------------------------------|--|
| Details of proposed changes and materials | <hr/> <hr/> <hr/> <hr/>           |                                  |  |
| Grade of original steel                   | <hr/> <hr/> <hr/> <hr/>           |                                  |  |
| Grade of new steel                        | <hr/> <hr/> <hr/> <hr/>           |                                  |  |
| Size of material compared with original   | <hr/> <hr/> <hr/> <hr/>           |                                  |  |
| Attachment method                         | <hr/> <hr/> <hr/> <hr/>           |                                  |  |
| Weld details                              | <hr/> <hr/> <hr/> <hr/>           |                                  |  |

All welding of major or structural components should be carried out in accordance with manufacturer's specifications or Australian / New Zealand Standard 1554.1 (Structural steel welding, Part 1: Welding of steel structures). A welding certificate will be required if major components are welded unless specifically covered in the Engineering Certification provided.

**Section 16 – Seating**

| (✓ as appropriate)             | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> | Proposed |
|--------------------------------|-----------------------------------|----------------------------------|----------|
| Seat type (front)              |                                   |                                  |          |
| Seat manufacturer (front)      |                                   |                                  |          |
| Seat attachment method (front) |                                   |                                  |          |
| Seat type (other)              |                                   |                                  |          |
| Seat manufacturer (other)      |                                   |                                  |          |
| Seat attachment method (other) |                                   |                                  |          |
| Comments                       | <hr/> <hr/> <hr/>                 |                                  |          |

**Section 17 – Seatbelts**

| (✓ as appropriate)                     | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> | Proposed |
|----------------------------------------|-----------------------------------|----------------------------------|----------|
| Seat belt type (front)                 |                                   |                                  |          |
| Seatbelt manufacturer (front)          |                                   |                                  |          |
| Seatbelt compliance /approvals (front) |                                   |                                  |          |
| Seatbelt attachment method (front)     |                                   |                                  |          |
| Seatbelt type (other)                  |                                   |                                  |          |
| Seatbelt manufacturer (other)          |                                   |                                  |          |
| Seatbelt compliance /approvals (other) |                                   |                                  |          |
| Seatbelt attachment method (other)     |                                   |                                  |          |
| Comments                               | <hr/> <hr/> <hr/>                 |                                  |          |

**Section 18 – Tow coupling**

| (✓ as appropriate) | Original <input type="checkbox"/> | Unknown <input type="checkbox"/> | Size/D Value | Proposed | Size/D Value |
|--------------------|-----------------------------------|----------------------------------|--------------|----------|--------------|
| 5th Wheel          |                                   |                                  |              |          |              |
| Turntable (fixed)  |                                   |                                  |              |          |              |
| 5th Wheel King Pin |                                   |                                  |              |          |              |
| Tow coupling       |                                   |                                  |              |          |              |
| Tow eye            |                                   |                                  |              |          |              |
| Comments           | <hr/> <hr/> <hr/>                 |                                  |              |          |              |

**Section 19 - Applicant declaration**

\*I/we,

.....  
(name of vehicle owner/s)

of

.....  
(address)

Solemnly and sincerely declare that:

- All information contained in this application is true and correct to the best of my/our knowledge by virtue of the *Oaths, Affidavits and Declarations Act 2010*; and
- I/we have read and understood the information contained in this application; and
- I/we am/are 18 years or older; and
- I/we know that it is an offence to make a declaration that is false in any material particular.

\*This declaration is made at

.....  
(location)

on

.....  
(date).....  
(applicant/s signature)

**Note:** Under the *Oaths, Affidavits and Declarations Act 2010* a person wilfully making a false statement or altering a statement in a statutory declaration is guilty of a crime and is liable to a penalty or imprisonment, or both.

**Section 20 – Authorisation of representative**

As the applicant/s, I/we hereby grant the following person authorisation to act on my/our behalf for the purpose of this application - “Contact person” to be noted on the front page of this application form.

.....  
Name of authorised representative.....  
Signature of authorised representative.....  
Date**Section 21 – Submit application and enquiries**

1. Email completed application form to [vehiclestandards.mvr@nt.gov.au](mailto:vehiclestandards.mvr@nt.gov.au)
2. Postal address – Vehicle Standards and Compliance Officer  
Road Safety and Compliance - Department of Infrastructure, Planning and Logistics  
PO Box 2520  
Darwin NT 0801
3. Office address - Vehicle Standards and Compliance Officer  
Road Safety and Compliance - Department of Infrastructure, Planning and Logistics  
Level 2, Energy House  
[18 - 20 Cavenagh Street](#)  
Darwin NT 0800
4. Vehicle Standards and Compliance Officer - telephone (08) 8924 7157
5. Monthly meeting assessments of modified vehicle applications on first Wednesday of every month – except January
6. Applications received less than 7 days prior to monthly meeting will be deferred to next meeting
7. See “Notes for guidance” on form

**Section 20 - Privacy statement**

**Privacy statement:** The Registrar of Motor Vehicles is required to collect information for registrations, licenses and permits under section 92 of the *NT Motor Vehicles Act 1949*. The Registrar adheres to the department’s privacy statement and the *Information Act 2002*. Further information on privacy can be found at [www.dipl.nt.gov.au](http://www.dipl.nt.gov.au)