



**Australian Government**

**Department of Infrastructure, Transport,  
Regional Development, Communications and the Arts**

# What's new? What's different? ROVER Release 9.3 FOR INDUSTRY

Version 3, 9 May 2025



# What's changing

ROVER Release 9.3 is expected to go live at 10.30 pm AEST on Wednesday 21 May 2025. This release includes new Register of Approved Vehicles (RAV) submission fields and validations, changes to Model Report applications, Road Vehicle Descriptors, and more.

**Engine stroke field:** You will no longer need to provide the engine stroke as part of the Road Vehicle Descriptor of an application. If you have already provided the engine stroke in your application, it will remain visible.

**NVES fields for RAV submission:** You will be able to add the 4 New Vehicle Efficiency Standard (NVES) fields to RAV submissions that will become a requirement (for relevant vehicles) from 1 July 2025.

**NVES Reconciliation report:** You will be able to view a report to reconcile your submitted NVES data against the vehicles you have added to the RAV. You will also be able to filter this report and export the information as an excel file.

**Motive power field for RAV submission:** You will be able to add a vehicle's motive power to a RAV entry submission.

**RAV validations:** We will be adding several new validations to RAV entry submission fields, including the 4 new NVES fields.

**Embargo dates:** When varying a vehicle type approval, you will be able to request an embargo date to be changed.

**Model Report Scope:** In a Model Report application, you will need to provide the vehicle scope data in the requested fields instead of uploading a document containing that information.

**Varying a Model Report approval:** You will need to add the vehicle scope data into requested fields when you first vary a Model Report, even if you are only making administrative changes.

**List of Model Report approvals:** We will publish the Model Report scope of every Model Report that is approved after this system release where we have received the scope information.

**SEVs Register entry expiry warning:** When you add a Specialist and Enthusiast Vehicles (SEVs) Register entry number to a concessional RAV entry application, a warning will be displayed if the entry will expire within 45 days.

# Understanding this document

This visual guide shows what's changing in ROVER during this system release.

The following key identifies the nature of the change being made.



**Current process/function**



**Different process/function in the rebuilt ROVER portal**



**New process/function in the rebuilt ROVER portal**

# Contents

**Model Reports**

**5**

**Register of Approved Vehicles**

**16**

**New Vehicle Efficiency Standard**

**22**

**Other system changes**

**26**

# Model Report applications

# Declaring your Model Report covers variants

**C** On the **Model Report details** page, you can declare that your Model Report does not cover any variants.

**N** The **Does this Model Report cover variants?** question will be removed. Instead, you will be asked to **provide the names of all the vehicle specifications covered by the Model Report**. ROVER will generate a vehicle specification form (Model Report scope) for each name you enter.

Entering a name by vehicle specification will enable you to describe each group of vehicles that are covered in your Model Report, which may not align with the variants of a model.

CURRENT ROVER PORTAL

Model Report details

What type of Model Report are you applying for approval of? \*

Does this Model Report cover variants? \* ?

No  Yes

ROVER RELEASE 9.3

Model Report details

What type of Model Report are you applying for? \*

Please provide the names of all vehicle specifications covered by the Model Report\*

Add Vehicle specification

Pre-modification vehicle specification	Post-modification vehicle specification ↑	Display Order ↑
There are no records to display.		

# Adding the names of all vehicle specifications covered by the Model Report

N

When you **provide the names of all vehicle specifications covered by the Model Report**, ROVER will create a vehicle specification form (for each one you add). This is where you will need to enter the details of the Model Report scope.

On the **Model Report details** page, select the **Add Vehicle Specification** button. Then, enter the **Pre-modification** and **Post-modification vehicle specification name**.

If the Model Report details the manufacturing of a vehicle, you will enter the **Manufacture vehicle specification name** rather than the pre- and post-modification names.

When adding multiple vehicle specifications (Model Report scopes), you can also set the **Display order** they will appear in the application menu.

The pages will appear in the application menu when you refresh the webpage.

ROVER RELEASE 9.3

Please provide the names of all vehicle specifications covered by the Model Report\*

Add Vehicle specification

Pre-modification vehicle specification name\*

Post-modification vehicle specification name\*

Display Order

Add

There are no records to display.

Model Report details

MRE- [redacted]

Please provide the names of all vehicle specifications covered by the Model Report\*

Vehicle specifications are details about the vehicle identified in the Model Report Scope. If the Model Report Scope includes multiple vehicles with different vehicle characteristics, you can provide more than one set of vehicle specifications.

Add Vehicle specification

Pre-modification vehicle specification	Post-modification vehicle specification	Display Order
ABC	ABC	1
DEF	DEF	2
GHI	GHI	3

# Providing the Model Report scope

**C** You upload Model Report scope documents on the **Vehicle Scope** page of the application.

**D** The **Vehicle scope** page will be removed. Instead, on the **Model Report details** page you will need to **provide the names of all vehicle specifications covered by the Model Report** (see [page 7](#)). Then, ROVER will create a vehicle specification form (for each one you add) and this is where you will add the details of the Model Report scope.

You will need to enter information into all the fields to save the page. If your Model Report details the modification of a vehicle, you will be able to copy pre-modification data into the corresponding post modification field (See [page 9](#)).

If your Model Report details the manufacturing of a vehicle, you will need to enter information in the **Manufacture Specification** fields.

ROVER RELEASE 9.3

Please provide the names of all vehicle specifications covered by the Model Report\*

[Add Vehicle specification](#)

Pre-modification vehicle specification	Post-modification vehicle specification ↑	Display Order ↑
There are no records to display.		

Before you begin ✓  
Applicant details ✓  
Manage application ✓  
Model Report details ✓  
Vehicle Specification ABC (selected)  
Vehicle Specification DEF  
Vehicle Specification GHI

Work Instructions with verification checklist  
Extent of compliance  
Model Report Standards - Extent of Compliance  
Concessions to testing available to Model Reports  
Compliance information  
Model Report Standard Compliance Information  
Contraventions of Road Vehicle Legislation  
Approval details  
Published Model Report details  
Comments and any other matters

### Vehicle Specification

MRE: \_\_\_\_\_

[Copy Pre-modification information into Post-modification](#)

Pre-modification vehicle specification name\*  
ABC

Post-modification vehicle specification name\*  
ABC

Display Order  
1

**Pre Modification Specification**

Start Month (MM)\*  
Start Year (YYYY)\*  
End Month (MM)\*  
End Year (YYYY)\*  
 No end date, this is the current model or variant of the model

**Post Modification Specification**

Start Month (MM)\*  
Start Year (YYYY)\*  
End Month (MM)\*  
End Year (YYYY)\*  
 No end date, this is the current model or variant of the model

Read the [ROVER guide: Add a Model Report Scope](#) for detailed instructions.

# Providing the Model Report scope: Copying data

ROVER RELEASE 9.3

**N** If your Model Report details the modification of a vehicle, you will be able to copying the pre-modification information into the corresponding post-modification fields.

When you select the **Copy Pre-modification information into Post-modification** button, the data entered into free-text fields and selected from a dropdown menu in the **Pre Modification Specification** section will be copied to the corresponding **Post Modification Specification** fields.

Documents, images, and data in the **NSW Body code** field will need to be added manually.

The screenshot shows the 'Vehicle Specification' section of the ROVER interface. On the left, a navigation menu lists various steps, with 'Vehicle Specification ABC' selected. The main area is split into two columns: 'Pre Modification Specification' and 'Post Modification Specification'. A blue button at the top right of the main area is labeled 'Copy Pre-modification information into Post-modification'. Teal arrows point from the 'Pre Modification Specification' fields to the 'Post Modification Specification' fields, indicating that data is being copied. The 'Pre Modification Specification' fields include: 'Pre-modification vehicle specification name\*' (ABC), 'Start Month (MM)\*' (1), 'Start Year (YYYY)\*' (2024), 'End Month (MM)\*' (12), and 'End Year (YYYY)\*' (2025). The 'Post Modification Specification' fields include: 'Post-modification vehicle specification name\*' (ABC), 'Display Order' (1), and corresponding date fields. A checkbox at the bottom of each section reads 'No end date, this is the current model or variant of the model'.

Read the [ROVER guide: Add a Model Report Scope](#) for detailed instructions.

# Managing and duplicating vehicle specifications

**N** In the table on the **Model Report details** page, use the action buttons to manage your vehicle specifications:

- **Link to a SEVs Register number**
- **Remove** a vehicle specification form
- **Duplicate** a vehicle specification form
- **Manage compliance information**

When you refresh the page, the changes you have made will also be reflected in the application menu.

When you **Duplicate** a completed **Vehicle Specification** page, the data in the original vehicle specification page will be copied across to the duplicate entry. You can choose to duplicate an entry **with** or **without CI Mappings**, to link the duplicate entry to the compliance information of the original vehicle specification page.

ROVER RELEASE 9.3

Model Report details

Please provide the names of all vehicle specifications covered by the Model Report\*

Vehicle specifications are details about the vehicle identified in the Model Report Scope. If the Model Report Scope includes multiple vehicles with different vehicle characteristics, you can provide more than one set of vehicle specifications.

Add Vehicle specification

Pre-modification vehicle specification	Post-modification vehicle specification ↑	Display Order ↑	
ABC	ABC	1	⊕
DEF	DEF	2	⊕

Link to SEVs Register number  
Remove  
Duplicate (without CI Mappings)  
Duplicate (with CI Mappings)  
Manage compliance information

Model Report details

Please provide the names of all vehicle specifications covered by the Model Report\*

Vehicle specifications are details about the vehicle identified in the Model Report Scope. If the Model Report Scope includes multiple vehicles with different vehicle characteristics, you can provide more than one set of vehicle specifications.

Add Vehicle specification

Pre-modification vehicle specification	Post-modification vehicle specification ↑	Display Order ↑	
ABC	ABC	1	⊕
DEF	DEF	2	⊕
GHI	GHI	3	⊕

Link to SEVs Register number  
Remove  
Duplicate (without CI Mappings)  
Duplicate (with CI Mappings)  
Manage compliance information

# Validations for Vehicle Specification pages

**N** All minimum and maximum fields on a **Vehicle Specification** page will be validated when you select the **Save and Next** button.

If the number entered in a **Min** field is larger than the number entered in the corresponding **Max** field, you will get an error message. You will not be able to save the page until all errors have been corrected.

Before you begin ✓  
Applicant details ✓  
Manage application ✓  
Model Report details ✓  
**Vehicle Specification ABC** →  
Vehicle Specification DEF  
Vehicle Specification GHI  
Work Instructions with verification checklist  
Extent of compliance  
Model Report Standards - Extent of Compliance  
Concessions to testing available to Model Reports  
Compliance information  
**Model Report Standard Compliance Information** →  
Contraventions of Road Vehicle Legislation  
Approval details  
Published Model Report details

### Vehicle Specification

MRE

[Copy Pre-modification information into Post-modification](#)

**The form could not be submitted for the following reasons:**  
[Pre-modification: Min Number of Side Doors cannot be greater than the maximum number.](#)  
[Pre-modification: Max Number of Side Doors cannot be less than the minimum number.](#)

**Pre-modification vehicle specification name\***  
ABC

**Post-modification vehicle specification name\***  
ABC

**Display Order**  
1

**Pre Modification Specification**

**Start Month (MM)\***  
1

**Start Year (YYYY)\***  
2024

No end date, this is the current model or variant of the model

**Min Number of Side Doors\***  
4

**Max Number of Side Doors\***  
2

**Post Modification Specification**

**Start Month (MM)\***  
1

**Start Year (YYYY)\***  
2024

No end date, this is the current model or variant of the model

**Min Number of Side Doors\***  
2

**Max Number of Side Doors\***  
4

# Viewing published Model Report scope details

ROVER RELEASE 9.3

**C** A published approval doesn't include the **Model Report Scope**.

**N** You will be able to view the **Model Report Scope** of Model Report approvals that have been granted approval after this system release.

From the published **List of approved Model Reports**, select the **approval number** to open the **Published approval details**.

In the **Model Report Scope(s)** section, select **View current Model Report Scope**. Then select the relevant **Vehicle Specification** from the menu.

Approval number	Make	Model	Approval status	Model report type	Post-modification category	Compliance Level	Build date range
MRE-			In Force	Specialist and Enthusiast Vehicles	NA	Complies	12/2020 to current

Model Report Scope(s)

Current Model Report Scope Approved on 01/04/2025

[View current Model Report Scope](#)

Queries about this Model Report should be directed to the Model Report approval holder. If the approval holder has chosen not to provide their contact details on this page, the department is unable to provide them to you.

[Return to list](#)

Work Instruction

[Vehicle Specification](#)

**General Information**

Pre Modification Post Modification

**Vehicle Specification**

Work Instruction Number

**SEVs Register Number(s)**

[SEV-000038](#)

Pre Modification Specification	Post Modification Specification
Start Year (YYYY)	Start Month (MM)
12	12
Start Year (YYYY)	Start Year (YYYY)
2020	2020

**C** Current **D** Different **N** New

# Adding work instructions with verification checklists

**C** You upload your documents on separate **Work Instructions** and **Verification Checklist** pages in the application.

The image shows two overlapping screenshots of a web application. The top screenshot is the 'Verification Checklist' page. The sidebar on the left has 'Verification Checklist' highlighted with a blue box. The main content area has a heading 'Verification Checklist' and a text box with instructions: 'This Model Report must include a verification checklist so that the manufacture or modification of vehicles covered under the Model Report can be verified to ensure compliance with the applicable standards (checklist not required for trailers with an ATM greater than 4.5 tonnes). The verification checklist must follow the format that is defined in the RVS legislation. A template and guidance on format can be accessed [here](#).' Below this is a text input field with the placeholder 'Please provide the Model Report's verification checklist.\*' and an 'Upload new' button.

The bottom screenshot is the 'Work Instructions' page. The sidebar on the left has 'Work Instructions' highlighted with a blue box. The main content area has a heading 'Work Instructions' and a text box with instructions: 'A Model Report must include Work Instructions so that vehicles covered under the Model Report can be manufactured or modified to become compliant with the applicable standards. Each set of Work Instructions must have a unique document identifier. Work Instructions must follow the format that is defined in the RVS legislation. A template and guidance on format can be accessed [here](#).' Below this is a text input field with the placeholder 'Please provide the Model Report's Work Instructions.\*' and an 'Upload new' button. There is also a table with columns 'File Name', 'Uploaded by', and 'Uploaded On'. Below the table is a yellow box with the text 'No files have been uploaded.' and a text input field for 'What is the unique document identifier for these Work Instructions?'. There is also a checkbox for 'Provide any further related supporting information'.

**D** The **Work Instructions** and **verification checklist** pages will be combined into one page.

On the **Work Instructions with verification checklist** page, you will be able to upload multiple work instructions and verification checklists, and link them to the vehicle specifications they cover.

The image shows a screenshot of the 'Work Instructions with verification checklist' page. The sidebar on the left has 'Work Instructions with verification checklist' highlighted with a blue box. The main content area has a heading 'Work Instructions with verification checklist' and a text box with instructions: 'A Model Report must include Work Instructions and verification checklist so that vehicles covered under the Model Report meet the applicable standards. Each set of Work Instructions must have a unique document identifier and multiple sets may be provided. Each unique document identifier, along with Work Instructions and verification checklist documents, should relate to each other. For more information, read the guidance on the [department's website](#).' Below this is a text input field with the placeholder 'Please provide the Model Report's Work Instructions.\*' and an 'Upload new' button. There is also a table with columns 'File Name', 'Uploaded by', and 'Uploaded On'. Below the table is a yellow box with the text 'There are no records to display.' and a text input field for 'Work Instructions number ↑'. There is also a checkbox for 'Provide any further related supporting information'.

# Accessing legacy documents

ROVER RELEASE 9.3

**N** The **Legacy Model Report data** page will be added to all new vary applications and any draft applications that you created before this release (if a document was uploaded to **Vehicle Scope**, **Work Instructions** or **Verification Checklist** pages).

On the new **Legacy Model Report data** page, you will be able to view all these documents in the **Vehicle Scope** table, **Work Instructions** table and **Verification Checklist** table.

**IMPORTANT:** You will need to complete all **Vehicle specifications** pages of the application before you can submit it, even if the Model Report's Vehicle Scope documents appear on the **Legacy Model Report data** page.

Once your application has been approved, the **Legacy Model Report data** page will not be added to future variation applications.

The screenshot displays the 'Legacy Model Report Data' page. On the left, a navigation menu includes 'Before you begin', 'Applicant details', 'Manage application', 'Model Report details', 'Legacy Model Report Data' (highlighted with a right-pointing arrow), 'Vehicle Specification Variant 1', and 'Vehicle Specification Variant 2'. The main content area is divided into three sections, each with a table of uploaded documents:

- Model Report's Vehicle Scope(s):** A table with columns 'File Name', 'Uploaded by', and 'Uploaded On'. It shows one entry with the date '14/02/2025 4:13 PM'.
- Model Report's Work Instructions:** A table with the same columns, showing one entry with the date '14/02/2025 4:13 PM'.
- Model Report's Verification Checklist:** A table with the same columns, showing one entry with the date '14/02/2025 4:13 PM'. Below the table is a checkbox labeled 'Additional Information Provided Verified Checklist'. At the bottom, a yellow box contains the text 'No files have been uploaded.'

# Varying a Model Report approval

ROVER RELEASE 9.3

**N** When you vary a Model Report approval for the first time after this release, you will need add a **Vehicle specification** page and provide the vehicle scope details for each variant in the fields provided. (See [page 7.](#))

You will be able to access the **Vehicle Scope, Work Instructions, Verification Checklist** and **NSW body code** documents from the approval on the new **Legacy Model Report Data** page. (See [page 14.](#))

The screenshot shows the 'Vehicle Specification' form in the ROVER system. On the left is a navigation menu with items: 'Before you begin', 'Applicant details', 'Manage application', 'Model Report details', 'Legacy Model Report Data', 'Vehicle Specification' (highlighted with a blue box and a right-pointing arrow), 'Vehicle Specification', 'Vehicle Specification', 'Work Instructions with verification checklist', 'Extent of compliance', 'Model Report Standards - Extent of Compliance', 'Concessions to testing available to Model Reports', 'Compliance information', and 'Model Report Standard Compliance Information'. The main form area is titled 'Vehicle Specification' and contains a 'Copy Pre-modification information into Post-modification' button. Below this are two columns: 'Pre-modification vehicle specification name\*' and 'Post-modification vehicle specification name\*', each with a text input field. Underneath are 'Pre Modification Specification' and 'Post Modification Specification' sections, each containing a 'Build date' section with 'Start Month (MM)\*' and 'Start Year (YYYY)\*' input fields.

**IMPORTANT:** You will need to add the vehicle scope details when you first vary a Model Report, even if you are only making administrative changes. Read the [ROVER guide: Add a Model Report Scope](#) for detailed instructions.

# Register of Approved Vehicles

# Adding NVES data in RAV entry submissions

ROVER RELEASE 9.3

N

You will be able to provide NVES data for MA, MB, MC, NA and NB1 vehicle categories in your RAV entry submissions using any current submission method.

You will be able to add NVES data in the manual submission form in ROVER or provide it in a CSV or XML file.

The 4 new fields are **NVES Vehicle Type**, **Carbon Dioxide Emissions**, **Mass In Running Order** and **Rated Towing Capacity**, and will include RAV validations.

These fields will also have help text when you use the manual submission form in ROVER to submit vehicles to the RAV.

**IMPORTANT:** The NVES fields will become mandatory from 1 July 2025 for MA, MB, MC, NA and NB1 vehicles. Please don't provide NVES data for concessional or second stage of manufacture vehicles, even if the first stage vehicle has a vehicle type approval.

If you don't want to provide NVES data before it becomes mandatory, you can continue to use the original RAV submission template.

Any NVES data you provide before it becomes mandatory on 1 July 2025 will be removed from the RAV.

The screenshot shows the 'Add RAV Item' form with the following fields and a tooltip:

- Safer Freight Vehicle**: Text input field.
- Authorised By Number**: Text input field containing 'RAV000000'.
- Authorised By Name**: Text input field.
- NVES Vehicle Type**: Dropdown menu with a tooltip that reads: 'The vehicle's carbon dioxide emissions measured in grams of carbon dioxide per kilometre and calculated based on the national road vehicle standard that applies to the vehicle.'
- Carbon Dioxide Emissions**: Text input field.
- Mass In Running Order**: Text input field.
- Rated Towing Capacity**: Text input field.
- Add**: Blue button at the bottom right.

Read the [Guide to the Register of Approved Vehicles](#). Access the updated [RAV submission template](#).

# RAV validations for NVES fields

ROVER RELEASE 9.3

- N** All NVES data fields will include RAV validations.
- **NVES Vehicle Type:** Will be validated against the type approval pathway, vehicle category code and GVM.
  - **Carbon Dioxide Emissions:** Will be validated against the NVES vehicle type and type approval pathway. It must be a whole number between zero and 999.
  - **Mass In Running Order:** Will be validated against the NVES vehicle type and type approval pathway. It must be a whole number between 500 and 4,500.
  - **Rated Towing Capacity:** Will be validated against the NVES vehicle type, vehicle category code and type approval pathway. It must be a whole number between zero and 9,999.

The screenshot shows a web form titled "Add RAV Item". The form includes the following fields:

- Safer Freight Vehicle (text input)
- Authorised By Number (text input, containing "RAV000000")
- Authorised By Name (text input)
- NVES Vehicle Type (dropdown menu)
- Carbon Dioxide Emissions (text input)
- Mass In Running Order (text input)
- Rated Towing Capacity (text input)

An "Add" button is located at the bottom right of the form.

# Adding a vehicle's motive power

ROVER RELEASE 9.3

**N** You will be able to provide the vehicle's motive power in your RAV entry submission using any current submission method.

If you provide motive power data in a CSV or XML file, it will be validated against the motive power list in the [Guide to the Register of Approved Vehicles](#). (Access the updated [RAV submission template](#).)

Alternatively, select the **Motive Power** from the dropdown options provided in the manual RAV entry form in ROVER.

**Register of Approved Vehicles**

The Register of Approved Vehicles (RAV) is searchable using the vehicle's permanently marked Vehicle Identification Number (VIN). The VIN uniquely identifies a vehicle and is permanently recorded on it. The VIN is usually found at the base of the windscreen (visible from outside the car) or on the door post or foot well of the vehicle.

VIN:  Search

VIN:

RAV Date of Entry	28/03/2025	Build Date	01/2024
Entry Pathway Sub-Category	TYPE APPROVAL - STANDARD	Tare	1
Approval Number	VTA-	Motive Power	ICE - H2 Internal Combustion Engine
Approval Holder		Power	1.00

**Add RAV Item**

Vehicle Make

Vehicle Model

GVM and ATM (kg)

GTM (kg)

Tare (kg)

Motive Power

Power (kw)

# Other RAV validations

ROVER RELEASE 9.3

N

We will be adding several new validations to RAV entry submission fields:

- **RAV Entry Pathway:** Will be validated against the approval's compliance level. This will not apply to second stage of manufacture vehicles.
- **Approval (MRE):** Model Report approval number must be in force.
- **GVM and ATM:** Will be validated against the vehicle category.
- **GTM:** Will be validated against the vehicle category.
- **Authorised by Number:** Will be validated against the RAV organisation associated with the vehicle type approval holder.
- **Authorised by Name:** Must match the name of the vehicle type approval holder.
- **Motive power:** Must match one of the options listed in the [Guide to the Register of Approved Vehicles](#).

The screenshot displays the 'Add RAV Item' form with several fields highlighted in red boxes to indicate new validations:

- RAV Entry Pathway\*:** A dropdown menu.
- Approval (VTA/CRE)\*:** A text input field containing 'VTA-000000'.
- Approval (MRE):** A text input field containing 'MRE-000000'.
- Vehicle category code:** A text input field.
- GVM and ATM (kg):** A text input field.
- GTM (kg):** A text input field.
- Authorised By Number:** A text input field containing 'RAV000000'.
- Authorised By Name:** A text input field.

C

Current

D

Different

N

New

# Viewing a NVES reconciliation report

ROVER RELEASE 9.3

**N** An NVES reconciliation report will help you reconcile the NVES data you have submitted for RAV entry against the vehicles you have added to the RAV.

On the **RAV** page, select the **NVES Reconciliation Report** button. The vehicles you have submitted to the RAV will be displayed in a table that can be filtered by batch, vehicle category code, NVES vehicle type, VIN, RAV organisation or submission date.

You will also be able to select the **Export** button to download the information in a Microsoft Excel document.

**IMPORTANT:** We are providing this functionality as an interim solution to help track your fleet emissions while we investigate alternatives.

The screenshot shows the RAV system interface. At the top, there is a navigation menu with icons for Applications, Approvals, Payments, Recalls, AVV, RAV, Authority to act, Profile, Enquiry, and Published lists. Below the menu, there are buttons for RAV correction, Search RAV, NVES Reconciliation Report (highlighted), New RAV entry form, and Submit RAV entry file. The main content area is titled 'RAV submissions' and contains a filter section with fields for Status, Submitted from, Submitted to, Batch ID, RAV Org Name, and RAV Org Id. Below the filter is a table with columns: Batch ID, RAV Org, RAV Submitter, Submitter Email, Submitted On, Status, and Filename. The table shows one row with the date 09/04/2025 and status Received. Below this is another filter section with fields for Batch ID, VCC, NVES Vehicle Type, VIN, RAV Org, and Submitted from. Below the filter is an 'Export' button. At the bottom, there is a table with columns: Batch ID, Submitted On, RAV Org, VIN, VCC, Make, Model, GVM, NVES Vehicle Type, Carbon Dioxide Emissions, Mass In Running Order, and Rated Towing Capacity. The table shows two rows of data.

Batch ID	Submitted On	RAV Org	VIN	VCC	Make	Model	GVM	NVES Vehicle Type	Carbon Dioxide Emissions	Mass In Running Order	Rated Towing Capacity
	09/04/2025	RAV		MC - Off-Road Passenger Vehicle			500	Type 2	1000	700.0	3,500.0
	09/04/2025	RAV		MA - Passenger Vehicle			3600	Exempt			

# New Vehicle Efficiency Standard fields

# Adding NVES data in RAV entry submissions

ROVER RELEASE 9.3

**N** You will be able to provide NVES data for MA, MB, MC, NA and NB1 vehicle categories in your RAV entry submissions using any current submission method.

You will be able to add NVES data in the manual submission form in ROVER or provide it in a CSV or XML file.

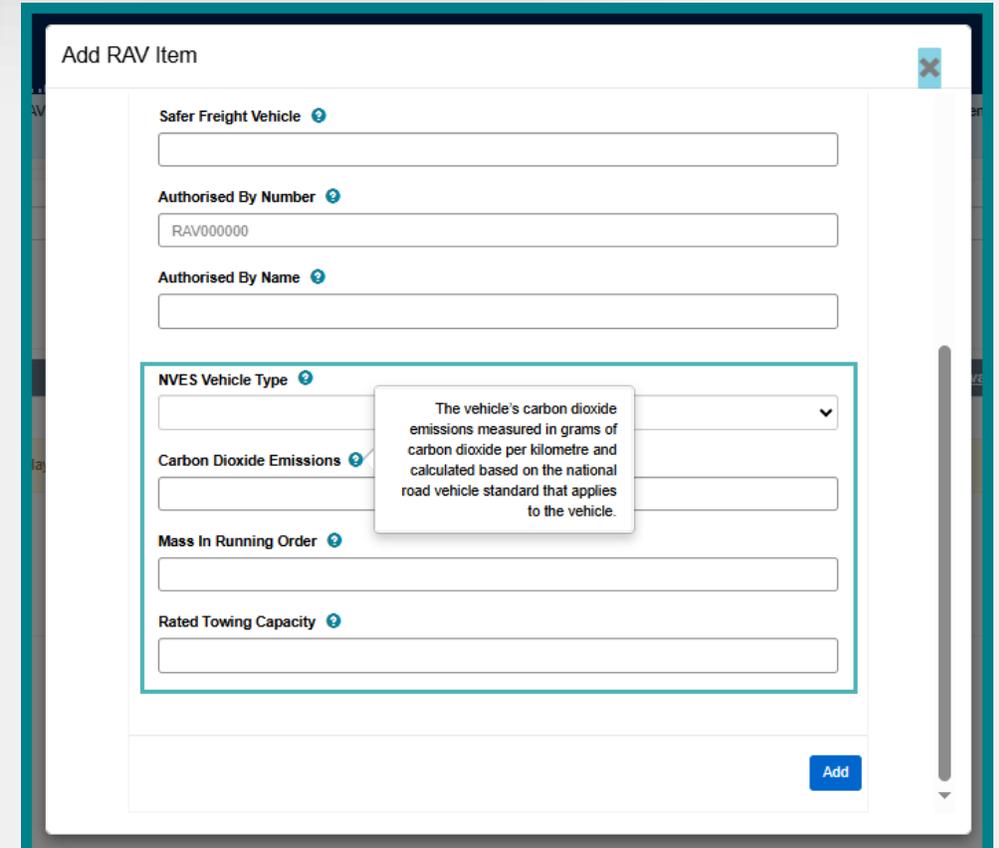
The 4 new fields are **NVES Vehicle Type**, **Carbon Dioxide Emissions**, **Mass In Running Order** and **Rated Towing Capacity**, and will include RAV validations.

These fields will also have help text when you use the manual submission form in ROVER to submit vehicles to the RAV.

**IMPORTANT:** The NVES fields will become mandatory from 1 July 2025 for MA, MB, MC, NA and NB1 vehicles. Please don't provide NVES data for concessional or second stage of manufacture vehicles, even if the first stage vehicle has a vehicle type approval.

If you don't want to provide NVES data before it becomes mandatory, you can continue to use the original RAV submission template.

Any NVES data you provide before it becomes mandatory on 1 July 2025 will be removed from RAV.



The screenshot shows the 'Add RAV Item' form with the following fields:

- Safer Freight Vehicle
- Authorised By Number (containing RAV000000)
- Authorised By Name
- NVES Vehicle Type (with a tooltip: "The vehicle's carbon dioxide emissions measured in grams of carbon dioxide per kilometre and calculated based on the national road vehicle standard that applies to the vehicle.")
- Carbon Dioxide Emissions
- Mass In Running Order
- Rated Towing Capacity

An 'Add' button is located at the bottom right of the form.

Read the [Guide to the Register of Approved Vehicles](#). Access the updated [RAV submission template](#).

# RAV validations for NVES fields

ROVER RELEASE 9.3

- N** All NVES data fields will include RAV validations.
- **NVES Vehicle Type:** Will be validated against the type approval pathway, vehicle category code and GVM.
  - **Carbon Dioxide Emissions:** Will be validated against the NVES vehicle type and type approval pathway. It must be a whole number between zero and 999.
  - **Mass In Running Order:** Will be validated against the NVES vehicle type and type approval pathway. It must be a whole number between 500 and 4,500.
  - **Rated Towing Capacity:** Will be validated against the NVES vehicle type, vehicle category code and type approval pathway. It must be a whole number between zero and 9,999.

The screenshot shows a web form titled "Add RAV Item". The form includes the following fields:

- Safer Freight Vehicle (text input)
- Authorised By Number (text input, containing "RAV000000")
- Authorised By Name (text input)
- NVES Vehicle Type (dropdown menu)
- Carbon Dioxide Emissions (text input)
- Mass In Running Order (text input)
- Rated Towing Capacity (text input)

An "Add" button is located at the bottom right of the form.

# Viewing a NVES reconciliation report

ROVER RELEASE 9.3

**N** An NVES reconciliation report will help you reconcile the NVES data you have submitted for RAV entry against the vehicles you have added to the RAV.

On the **RAV** page, select the **NVES Reconciliation Report** button. The vehicles you have submitted to the RAV will be displayed in a table that can be filtered by batch, vehicle category code, NVES vehicle type, VIN, RAV organisation or submission date.

You will also be able to select the **Export** button to download the information in a Microsoft Excel document.

**IMPORTANT:** We are providing this functionality as an interim solution to help track your fleet emissions while we investigate alternatives.

The screenshot displays the ROVER RELEASE 9.3 interface. At the top, there is a navigation menu with icons for Applications, Approvals, Payments, Recalls, AVV, RAV (highlighted), Authority to act, Profile, Enquiry, and Published lists. Below the menu, there are buttons for 'RAV correction', 'Search RAV', 'NVES Reconciliation Report' (highlighted), 'New RAV entry form', and 'Submit RAV entry file'. The main content area is titled 'RAV submissions' and features a filter section with fields for Status, Submitted from, Submitted to, Batch ID, RAV Org Name, and RAV Org Id. Below the filter is a table with the following data:

Batch ID	RAV Org	RAV Submitter	Submitter Email	Submitted On	Status	Filename
				09/04/2025	Received	

Below this table is a detailed filter section with fields for Batch ID, VCC, NVES Vehicle Type, VIN, RAV Org, and Submitted from. There is also a 'Submitted to' field and an 'Export' button. The detailed table below has the following columns: Batch ID, Submitted On, RAV Org, VIN, VCC, Make, Model, GVM, NVES Vehicle Type, Carbon Dioxide Emissions, Mass In Running Order, and Rated Towing Capacity. The data rows are:

Batch ID	Submitted On	RAV Org	VIN	VCC	Make	Model	GVM	NVES Vehicle Type	Carbon Dioxide Emissions	Mass In Running Order	Rated Towing Capacity
	09/04/2025	RAV		MC - Off-Road Passenger Vehicle			500	Type 2	1000	700.0	3,500.0
	09/04/2025	RAV		MA - Passenger Vehicle			3600	Exempt			

**Other system changes**

# Removal of the engine stroke field

**C** On the **Road Vehicle Descriptor** (RVD) page of a vehicle type approval application, you can provide the **Stroke** in the **Engine** form.

**D** The **Stroke** field will be removed from the **Engine** form in the RVD.

**NOTE:** You will still be able to view the engine **Stroke** in a draft application and the published RVDs if it was provided before this ROVER release.

However, when you apply to vary a vehicle type approval, the engine stroke details will not be copied to the variation application.

**C** Current   **D** Different   **N** New

CURRENT ROVER PORTAL

The screenshot shows the 'Add Engine' form in the ROVER portal. The form is titled 'Add Engine' and has a close button (X) in the top right corner. Below the title, there is a blue instruction: 'Please provide the details of this engine type \*'. The form contains several input fields and dropdown menus:

- Name\* (text input)
- Display Order (text input)
- Motive power\* (dropdown menu)
- Configuration (dropdown menu)
- Net engine power (kW)\* (text input)
- Net engine power (rpm) (text input)
- Battery Type (text input)
- Battery Capacity (text input)
- Capacity (cubic centimeters) (text input)
- Alternative Energy Source (text input)
- Storage System (text input)
- Fuel injection type (dropdown menu)
- Induction type (dropdown menu)
- Stroke (text input, highlighted with a red box)

At the bottom of the form, there is a footer with the text 'Driver's airbag No' and a small icon.

# Updating an existing embargo date

**N** You will be able to request a change to an existing embargo date when you apply to vary a vehicle type approval.

On the **Embargo of variants** page, select the **check box** next to **I am updating an existing embargo date for a variant(s)**. Then, **Provide details of the variant(s) and the new embargo date(s) requested** in the free text field and select the **Save and Next** button.

The screenshot displays the 'Embargo of variants' page. On the left is a sidebar with a list of sections: 'Before you begin', 'Applicant details', 'Manage application', 'Vehicle Type details', 'Road vehicle descriptor', 'Facility details', 'Design and manufacturing control', 'Extent of compliance', 'Compliance information', 'Contraventions of Road Vehicle Legislation', 'Approval details', 'Embargo of variants' (highlighted with a red circle 1), 'Further Information', 'Comments and any other matters', and 'Declarations'. The main content area is titled 'Embargo of variants' and includes a 'VTA' field with a 'Related approval' link. Below this is a section 'Variants with embargo date' containing a table with columns 'Name' and 'Embargo Date ↑'. A yellow message box states 'There are no records to display.' Below the table is a checkbox labeled 'I am updating an existing embargo date for a variant(s)' (circled in red with a 2). Underneath is a text area titled 'Provide details of the variant(s) and the new embargo date(s) requested\*' (circled in red with a 3) containing the text 'Update the embargo date for [redacted] to 25/02/2025.' Below this is a section 'Variants with no embargo date' with a table header 'Name ↑' and two rows of redacted data. At the bottom right is a 'Save and Next' button (circled in red with a 4).

# Warning message for expiring SEVs Register entries

ROVER RELEASE 9.3

**N** When you provide the **SEVs Register entry number** for a concessional RAV entry approval application, a warning message will appear if the entry is due to expire within 45 days.

The screenshot displays the 'Required supporting material - RAWs Modification' section of an application. On the left, a navigation menu lists steps: 'Before you begin', 'Applicant details', 'Manage application', 'Vehicle use', 'Vehicle details', 'Required supporting material - RAWs Modification' (highlighted with a blue box and a right arrow), 'Contraventions of Road Vehicle Legislation', 'Comments and any other matters', and 'Declarations'. The main content area is titled 'Required supporting material - RAWs Modification' and includes a 'CRE-' field. Below this, it asks for 'Please provide details of the relevant approvals that support your application for this vehicle:'. Fields include 'Model Report Approval Holder Name\*', 'Model Report Number\*' (with 'MRE-' prefix), and 'SEVs Register entry number\*' (with 'SEV-' prefix). A checkbox for 'Provide further supporting information' is present. A green bar below the entry number field indicates 'Valid entry number'. A pink warning box at the bottom states: 'The SEVs Register entry you have identified will expire on 17/5/2025. If the entry on the SEVs Register expires before a decision is made on this application, and the model or variant has not been re-entered on the SEVs Register, then this vehicle will not be covered by an entry on the SEVs Register and may not meet the criteria to be granted a concessional RAV entry approval.'

# Make a payment

- C** On the **Payment Checkout** page, you can identify the accepted payment types from the Visa and Mastercard icons.

**Payment Checkout**

Invoice Number: INV- [REDACTED]  
Issued To: [REDACTED]

Reference	Description	Quantity	Unit Price	Total
CRE- [REDACTED]	RAV Levy: Passenger Vehicle	1	\$7.20	\$7.20
CRE- [REDACTED]	Application for concessional RAV entry of an older vehicle	1	\$35.00	\$35.00

Total \$42.20  
Date 14/02/2025

All credit card transactions are processed by a third party supplier outside of the ROVER system. Please refer any matters in relation to this transaction to your credit card issuer.

⚠ If you believe you have made a payment and it is not reflected in the system, check back in 30 minutes or contact the department. Please do NOT submit another payment for the application until you are sure your payment has not been successful.

You are paying an amount of \$42.20

Cardholder Name

Card Number



Expiry Date Month  Year

Security Code

- D** On the **Payment Checkout** page, you will be able to identify the accepted payment types from the help text in the blue box.

**Payment Checkout**

Invoice Number: INV- [REDACTED]  
Issued To: [REDACTED]

Reference	Description	Quantity	Unit Price	Total
CRE- [REDACTED]	RAV Levy: Passenger Vehicle	1	\$7.20	\$7.20
CRE- [REDACTED]	Application for concessional RAV entry of an older vehicle	1	\$35.00	\$35.00

Total \$42.20  
Date 09/04/2025

We accept Visa and Mastercard payments, including credit and debit cards.

All credit card transactions are processed by a third party supplier outside of the ROVER system. Please refer any matters in relation to this transaction to your credit card issuer.

⚠ If you believe you have made a payment and it is not reflected in the system, check back in 30 minutes or contact the department. Please do NOT submit another payment for the application until you are sure your payment has not been successful.

Card number

Cardholder's name

Expiry date 01 2025

Card verification code

For more information  
visit the [ROVER Release 9.3](#) webpage