



# Reform of the *Motor Vehicle Standards Act 1989*

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## Register of Approved Vehicles, Submission of Data

### Motor Vehicle Standards Act Reform Measures

The reforms to the *Motor Vehicle Standards Act 1989* (MVSA) announced by the Australian Government on 10 February 2016 include changes to simplify importation and certification arrangements for road vehicles, to improve efficiency and remove unnecessary red tape for businesses. Reform details are available from the website of the Department of Infrastructure and Regional Development:

[https://infrastructure.gov.au/vehicles/mv\\_standards\\_act/index.aspx](https://infrastructure.gov.au/vehicles/mv_standards_act/index.aspx).

Under the proposed new law there will no longer be a requirement for a physical MVSA “identification plate” on vehicles. The identification plate contains compliance information and a certification statement from the manufacturer and is distinct from the number (or registration) plate. Instead of an identification plate, each vehicle's compliance information (refer to Attachment A) will be entered on a Register of Approved Vehicles (RAV), an online, publicly searchable database of vehicles approved for use on Australian roads.

As with other international jurisdictions, a permanent Vehicle Identification Number (VIN) will continue to be required to be marked on the vehicle. For all approved vehicles, the electronic record on the RAV will be linked to the physical vehicle through the VIN. The RAV will be searchable (one VIN at a time) to provide information about approved road vehicles.

Trailers will retain the existing physical ‘trailer plate’, which is discussed further on page 3.

### RAV Background

For future vehicle approvals, the information currently displayed on vehicle identification plates will be included on the RAV, so the requirement to have this identification plate placed on vehicles will be removed. The RAV will also contain some additional

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information, such as that shown on the 'vehicle plates' required of some heavy vehicles and trailers. As such, the requirement for 'vehicle plates' will also be removed. Attachment A shows all proposed RAV fields.

Key RAV features are:

***Search motor vehicle details online*** – potential purchasers, repairers and insurers can search a Vehicle Identification Number for verification of certification information such as make, model, build date and approval type (entry pathway to the RAV).

***Identify motor vehicle source*** – potential purchasers, repairers and insurers can identify whether the motor vehicle's entry pathway was via Type Approval, Registered Automotive Workshop Scheme or other concessional arrangements.

***Replace physical identification plates*** – motor vehicle manufacturers and importers will no longer need to fit a unique physical 'identification plate' containing compliance information to motor vehicles for supply to Australia.

### **Submission of Data / Use of the RAV**

The existing VIN submission process will continue unchanged and for vehicle types approved for road use a RAV submission process will be added. Both VIN and RAV submissions have a separate and important role in vehicle certification/registration. These two submissions will be required for most vehicles.

The RAV data will be obtained from three sources (collectively called RAV submitters):

1. Type approved vehicle manufacturers/suppliers or VIN submission agents acting under their instruction;
2. Authorised Vehicle Verifiers –who will verify compliance of all Registered Automotive Workshop Scheme vehicles with relevant standards; and
3. the Department of Infrastructure and Regional Development (the Department).

It will be an offence to:

4. Provide a vehicle for use, or use a vehicle in transport, if the vehicle is not on the RAV, except where approved for road use by a State or Territory Registering Authority (STRA); and
5. add a vehicle to the RAV where the vehicle does not satisfy the requirements of an entry pathway.

## RAV Roles / Stakeholders

This process will continue to align with the National Exchange of Vehicle and Driver Information System (NEVDIS) administered by Austroads. NEVDIS provides and receives information from STRAs for vehicle registration purposes. For registration to occur, it is a prerequisite for a vehicle VIN (for vehicles built after 1989) to be on the NEVDIS database. For this purpose, VINs must be supplied to NEVDIS in a certain format.

Given the synergy with the existing and proposed ongoing VIN submission process, NEVDIS will, on the Department's behalf, create and maintain the RAV database and the Department will use this data to provide a public search function.

Figure 1, the RAV process diagram, shows the proposed roles of the Department and NEVDIS, as well as the RAV submitters and the public.

## Trailer Plates and Trailer Certification

MVSA Requirements:

Trailers must currently be fitted with a trailer plate. Details of the trailer plate are shown in Attachment B. Heavy trailers are also required to identify on a 'vehicle plate' if it is:

1. Approved for use as a Road Train Trailer; and
2. fitted with Anti-lock brakes complying with Australian Design Rule 38/.

An additional requirement (outlined in the Administrator's Circular 0-3-6 at section 10.3) is that the 'vehicle plate' must contain sub-assembly registration number (SARN) boxes permanently marked as follows:

1. The approved SARN of each brake sub-assembly;
2. the words 'Schedule 5' for trailers using surrogate SARNs to show compliance with ADR 38/; and
3. the full United Nations Economic Commission for Europe (UNECE) Approval Number for trailers using an Approval to UNECE Regulation number 13 as showing compliance with ADR 38/.

Under the proposed reforms:

1. Approved trailers will be added to the RAV, capturing all requirements except the trailer brake sub-assembly / ECE approval number;
2. light trailer certification will be as outlined in the accompanying paper 'Certification of Light Trailers';
3. physical trailer plates remain a requirement of the Australian Design Rules. Information is to be as specified in Attachment B plus sub-assembly requirements

or ECE approval numbers (the Administrator's Circular 0-3-6 refers, and outlined above); and

4. approved sub-assemblies and components will be issued with a type approval.

A physical trailer information plate will remain a requirement due to the need for visibility of load limits.

### **Details of RAV Data Submission:**

The Department is providing the following information relating to the proposed RAV data submission process for manufacturers / VIN submitters (would-be RAV submitters);

#### **1. Data File Creation**

The RAV must include the data shown in Attachment A (as relevant to that vehicle type) and be provided in one of the two formats specified below. A template is provided and instructions are included in Attachment C.

1. CSV with ANSI format; or
  - o a suitable file can be created from Microsoft Excel (or other spreadsheets) by choosing 'save as' and selecting the CSV option.
2. XML with ANSI format.

In the existing (and continuing) VIN submission process, text files are accepted by NEVDIS. It will be possible to create a RAV data file using a text editor such as Microsoft Notepad if the file is saved in accordance with the instructions outlined in Attachment C.

#### **2. RAV Data Submission**

RAV data files are to be emailed to NEVIDS by an accredited submitter. The process is as outlined for VIN submission in the Administrator's Circular 0-3-9, Provision of Vehicle Identification Numbers, available at:

[<https://infrastructure.gov.au/vehicles/administrators\\_circulars/>](https://infrastructure.gov.au/vehicles/administrators_circulars/)

#### **3. Additional Security for Submission**

There are a number of existing security measures around the submission of VINs to NEVDIS. However, as an additional requirement to ensure that the legitimate RAV submitter has added RAV submissions, it is proposed that NEVDIS will provide a confirmation email to the approved VIN/RAV submitters upon successful upload of RAV data. Emails will also be provided where data fails a validation.

#### **4. Early Testing for RAV Data Submission**

The Department and NEVDIS are seeking expressions of interest from a limited number of submitters to participate in initial testing of the RAV validation and upload process. This will entail emailing a file containing RAV data (with or without validation errors) for a selection of vehicles. The initial testing will occur in mid-2017 with data used only for testing purposes.

All submitters will be provided with another opportunity to test the RAV submission process prior to the new legislation taking effect.

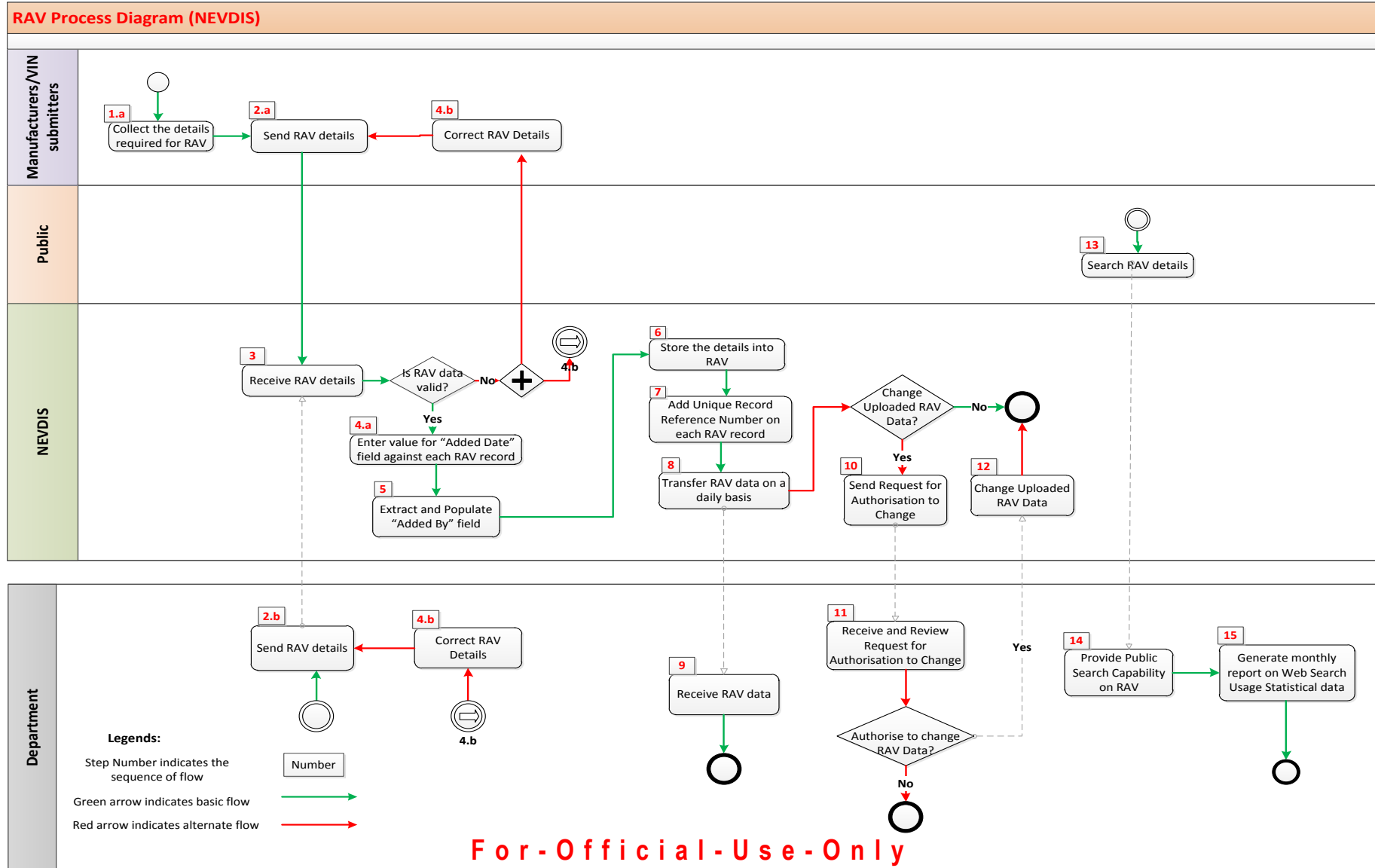
#### **Submission Details**

The Australian Government welcomes any comments/feedback you may have on the detail of RAV submission (refer to 'Details of RAV Data Submission', items 1 to 3). Please provide some explanation around your response(s).

Additionally, please indicate if you are interested in participating in the 'Early Testing for RAV Data Submission' (refer to item 4).

Please direct your feedback by COB Friday, 23 June 2017 to  
MVSAreview@infrastructure.gov.au

**FIGURE 1 – RAV PROCESS FLOW**



## RAV Data Requirements

	Date of Entry (NEVDIS to populate)	VIN	Approval Number	Vehicle Category Code (VCC)	Name of Holder of Approval	Make	Model	GVM / ATM (kg)	GTM (kg)	Tare (kg)	Power (kW)	Seating Capacity	Month and Year of Build Date	Country of Purchase	Gross Combination Mass (kg)	Road Train	B Double	Entry Pathway	Authorised By Name	Authorised By Number	Added by (NEVDIS to populate)
•	X	X	X	X	X	X	X	0	0	X	0	0	X	N/A	0	0	0	Type Approval - Approval - Standard	Manufacturer Name	Approval Holder Number	X
•	X	X	X	X	X	X	X	0	0	X	0	0	X	N/A	0	0	0	Type Approval - Non - Standard	Manufacturer Name	Approval Holder Number	X
•	X	X	X	X	X	X	X	0	0	X	0	0	X	N/A	0	0	0	Type Approval - Minor & Inconsequential	Manufacturer Name	Approval Holder Number	X

Attachment A

Date of Entry (NEVDIS to populate)	VIN	Approval Number	Vehicle Category Code (VCC)	Name of Holder of Approval	Make	Model	GVM / ATM (kg)	GTM (kg)	Tare (kg)	Power (kW)	Seating Capacity	Month and Year of Build Date	Country of Purchase	Gross Combination Mass (kg)	Road Train	B Double	Entry Pathway	Authorised By Name	Authorised By Number	Added by (NEVDIS to populate)
X	X	X	X	X	X	X	O	N/A	X	X	X	X	N/A	O	O	O	RAWS – Specialist & Enthusias	AVV Name	AVV Approval Number	X
X	X	X	X	X	X	X	N/A	N/A	X	X	X	X	N/A	N/A	N/A	N/A	RAWS – Motorcycle Full Compliance	AVV Name	AVV Approval Number	X
X	X	X	N/A	N/A	X	X	O	N/A	N/A	N/A	X	X	N/A	N/A	N/A	N/A	Concessional - Vehicle	Australian Government	N/A	X
X	X	X	N/A	N/A	X	X	O	N/A	O	N/A	N/A	X	N/A	N/A	O	N/A	Concessional - Trailer	Australian Government	N/A	X



Attachment A

Date of Entry (NEVDIS to populate)	VIN	Approval Number	Vehicle Category Code (VCC)	Name of Holder of Approval	Make	Model	GVM / ATM (kg)	GTM (kg)	Tare (kg)	Power (kW)	Seating Capacity	Month and Year of Build Date	Country of Purchase	Gross Combination Mass (kg)	Road Train	B Double	Entry Pathway	Authorised By Name	Authorised By Number	Added by (NEVDIS to populate)
X	X	X	X	N/A	X	X	O	N/A	X	X	X	X	X	N/A	N/A	N/A	Personal New Import	AVV Name	AVV Approval Number	X
X	X	X	X	X	X	X	O	O	X	O	O	X	N/A	O	O	O	Type Approval - Second Stage	Manufactur er Name	Approval Holder Number	X
X	X	X	X	X	X	X	O	O	X	O	O	X	N/A	O	O	O	RAWS - Second Stage	AVV Name	AVV Approval Number	X
Legends: O – Only required where applicable to the vehicle, N/A – Not Applicable, X - Mandatory																				

## Attachment B

### Trailer Plate

#### Information Detail

The trailer plate must be of a form in accordance with Section 8 of ADR 61/02 'Vehicle Marking' and show at least the following information:

- the name of the approval holder; (n/a for used imported trailers)
- Trailer Model (Model definitions are to be outlined in a Determination with content similar to the Administrator's Circular 0-3-6);
- Vehicle Identification Number;
- Date of Manufacture (month/year, e.g. 02/08); and
- Aggregate Trailer Mass (kg).

This plate may also include additional information such as the tyre placard information. All information must be legible and embossed, indented, etched or engraved in letters and numbers not less than 2.5 mm high

## Instructions for Creation of RAV Files

These instructions accompany RAV templates provided by the Department for CSV and XML file types.

### CSV file format

- Use Excel to open the CSV template
- Populate the file with the RAV data as per Attachment A
- Remove heading information shown in the first rows of the template so as to provide only the data inputted
- Save as – choose CSV



A screenshot of a file save dialog box. The 'File name' field contains 'RAVsubmission.csv'. The 'Save as type' dropdown menu is set to 'CSV (Comma delimited) (\*.csv)'.

### XML file format

- Use Excel to open the XML template provided
- Populate the file with the RAV data as per Attachment A
- Remove heading information shown in the first rows of the template so as to provide only the data inputted
- Save as – choose XML

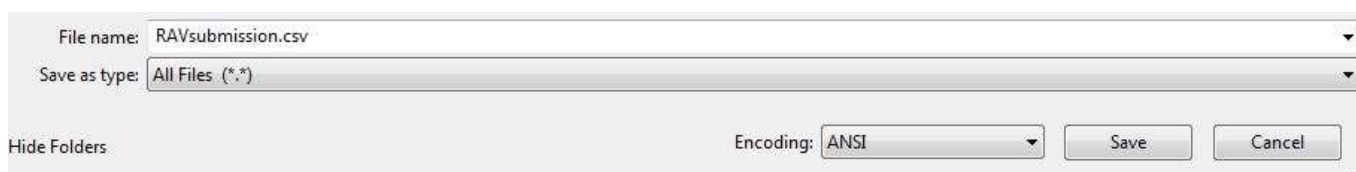


A screenshot of a file save dialog box. The 'File name' field contains 'RAVsubmission.xml'. The 'Save as type' dropdown menu is set to 'XML Data (\*.xml)'.

### Creation of a file via a Text Editor

Microsoft Notepad (and other text editors) allow for the manual creation of a file that can be read as a RAV file.

- Enter data in accordance with information in Attachment A. The first and last column are to be entered by NEVDIS and should be left blank.
- Use the character ';' as a delimiter to separate each data field,
- Remove heading information shown in the first row of the template so as to provide only the data inputted
- Ensure that encoding has 'ANSI' selected and choose \*.\* for the 'type'
- Enter a filename including .csv at the end For example RAV1.csv



A screenshot of a file save dialog box. The 'File name' field contains 'RAVsubmission.csv'. The 'Save as type' dropdown menu is set to 'All Files (\*.\*)'. At the bottom, there is an 'Encoding' dropdown menu set to 'ANSI', and 'Save' and 'Cancel' buttons.