



Australian Government

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



Establishing an automated vehicle register

This paper **expands** on previous policy work

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Overview

Establishing an automated vehicle register will ensure that important information about automated vehicles is publicly accessible.

This paper sets out the key features of the planned automated vehicle register.

Key points

The register will be managed by the in-service regulator, and information entered by either the regulator or directly by the Automated Driving System Entity (ADSE).

All vehicles with an Automated Driving System (ADS) will be entered on the register, whether they are initially provided to the market with an ADS or it is installed later.

The register will contain information about:

- the ADS, its components, design life and operational design domain
- the ADSE that is responsible for the ADS
- repairers, maintainers and modifiers that are authorised to work on the ADS.

The automated vehicle register

With the introduction of the Automated Vehicle Safety Law, many parties will need to access information about specific vehicles, ADSs and ADSEs. To meet this need, an automated vehicle register will be established.

The automated vehicle register will be a searchable and publicly accessible database storing information about the ADS, the ADSE, and who is authorised to work on an ADS. The in-service regulator will manage the automated vehicle register.

Each vehicle with an ADS will be entered on the register, including:

- vehicles that are provided to the Australian market under the *Road Vehicle Standards Act 2018*
- vehicles with an ADS that was installed aftermarket.

Vehicles with an ADS will be entered onto the automated vehicle register in addition to being entered onto the existing Register of Approved Vehicles.

Using the register

Users of the automated vehicles register may include automated vehicle owners, users, other road users, registration and enforcement agencies, repairers, maintainers and modifiers, and others. It is expected that vehicles on the register will be searchable by Vehicle Identification Number, consistent with how vehicles can be searched on the Register of Approved Vehicles.

Information in the register

Information will either be entered by the ADSE or provided to the in-service regulator to enter onto the register. The following information will be entered:

ADSEs

The ADSE is the entity that assumes responsibility for the safety of an ADS. Listing ADSEs on the automated vehicle register will help identify who is responsible for the ADS when it is operating.

An ADSE may transfer responsibility for an ADS to another ADSE. When this happens, the automated vehicle register would be updated with information about the new ADSE.

An ADSE may also have its certification suspended or cancelled. This information would also be recorded on the automated vehicle register. More information about suspension and cancellation of ADSE certification and transfer of ADS responsibility are in the [Automated Driving System Entity certification](#) paper.

ADS components

A description of the components that make up an ADS will be on the register. This information will be used by people who are performing work on a vehicle with an ADS to identify which parts of the vehicle can only be worked on by ADSE-authorised repairers, maintainers and modifiers.

ADS design life and operational design domain

The register will include information on each ADS's design life and operational design domain. The design life describes how long the ADSE will support an ADS, and is nominated when the ADS is first provided to the market or installed into an existing vehicle. The operational design domain describes where, when, and under what conditions the ADS can safely operate.

If modifications to the ADS result in a change to its design life or operational design domain, updated information would need to be entered on the automated vehicle register.

Repairers, maintainers and modifiers

Information about authorised repairers, maintainers and modifiers will be on the register. As ADSs are a new and complex technology, automated vehicle owners will need to know who is authorised to repair, maintain or modify the vehicle.

For more information, see the [*Additional measures for repairers, maintainers and modifiers*](#) paper.

Future information requirements

In the future there might be other information that needs to be available in the register. The Automated Vehicle Safety Law will allow for other information requirements to be added, through a legislative instrument.