

# Toolbox: Vehicle Selection Tools



**There are two stages to selecting the right low emission vehicle for your task – specifying the right class of vehicle and, from the options available, identifying the most suitable model.**

DPTI provides two on-line tools that can help you select a low emission vehicle that meets your needs. The first is designed to help you match a vehicle class to the driving task, and the second allows comparison between two vehicle models.

## Vehicle Class Specification

While many people have an idea of what class of vehicle they need, some haven't considered what might be most suitable.

It is not uncommon for people to specify a class of vehicle for a *driving task they might undertake one day*, rather than prioritising the typical daily drive. The result is, typically, an over-spec vehicle and ongoing higher fuel bills and emissions.

In addition to selecting the right class of vehicle, it is important to match the fuel and technology type to your typical drive. For example, modern diesel vehicles often need to be driven at highway speeds to allow

proper function of the diesel particulate filter. Hybrid vehicles offer bigger savings around town, rather than on the open road.

The on-line class specification tool (see below) asks a few simple questions about passengers, freight load, driving context and total demand to help narrow down the classes of vehicles that are likely to be most suitable.

**Vehicle Specification**

How many people do you need to carry (including driver)?:

What mass would you typically carry, or tow?:  kg

What volume would you typically carry onboard?:  L

What portion of your driving is in an urban environment?:

What is the distance you'd typically cover each 'round trip?':  km

Times you could refuel/recharge at a depot/home/etc:

### Further information:

Email: [DPTI.LowEmissionVehicles@sa.gov.au](mailto:DPTI.LowEmissionVehicles@sa.gov.au)

Web: [www.lowemissionvehicles.sa.gov.au](http://www.lowemissionvehicles.sa.gov.au)



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## Vehicle Comparison

Once you have decided on the right class of vehicle for your needs, you'll need to select a specific model.

There are several Australian Government websites that can help you narrow down the selection and, once you have done so, the Vehicle Comparison Tool permits a financial and environmental comparison of two vehicles.

The Vehicle Comparison tool uses the rated fuel efficiency of vehicles as well as your projected driving task over the time you will own the vehicle.



**Vehicle Comparison**

Note: You can look up a light vehicle's fuel consumption at the Australian Government's [Green Vehicle Guide](#) or the [Fuel Consumption Database](#).

**Comparison Vehicle 1**

Primary fuel you will use: Diesel

Fuel cost: 155 cents per litre

Rated fuel consumption: 8.5 L/100km

**Comparison Vehicle 2**

Primary fuel you will use: Petrol

Fuel cost: 145 cents per litre

Rated fuel consumption: 9.9 L/100km

**Your Transport Task**

Distance you travel each year: 10000 km

Time you intend to hold the vehicle: 5 Year(s)

**Results**

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### See Also:

- [Vehicle Technologies](#)
- [Transport Fuels](#)
- [Online Fuel Comparison](#)
- [Online Tyre Comparison](#)
- [Online Vehicle Specification](#)
- [Online Vehicle Comparison](#)

### External Links:

- [Green Vehicle Guide](#)
- [Fuel Consumption Database](#)
- [Truck Buyers Guide](#)

#### Further information:

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