

## Changes to recording engine type for electric vehicles from 1 July 2017

New engine type definitions for electric, hybrid and fuel cell vehicles are being introduced and are to be used from 1 July 2017.

This initiative is part of the Government's wider Electric Vehicles Programme which aims to increase electric vehicles in New Zealand's vehicle fleet to 64,000 by the end of 2021, to help reduce greenhouse gas emissions.

### Effective date

You will see these in the system from 24 June 2017 but they should not be entered until 1 July 2017.

The *VIRM: Entry certification* will be updated on 1 July 2017

**New Table 2-2-9 Engine Type codes - effective 1 July 2017**

The following engine type codes are to be used for vehicles certified for entry from 1 July 2017 inclusive.

Code	Type	Definition
01	Petrol	
02	Diesel	
03	CNG	
04	LPG	
05	Electric	Electric motor/s only. The batteries are charged from an external source
06	Other	
07	Petrol hybrid	Propelled by either a petrol or diesel engine and an electric motor. No external source of charging for the battery.
08	Diesel hybrid	
09	Electric hybrid petrol	Propelled by an electric motor where the battery is charged from an onboard petrol or diesel generator not directly connected to the drive wheels but <b>no external source of electricity</b> to charge the battery.
10	Electric hybrid diesel	
11	Plug-in petrol hybrid	Propelled by either a petrol or diesel engine and electric motor. The batteries can be externally charged.
12	Plug –in diesel hybrid	
13	Electric (petrol extended)	Propelled by an electric motor where the battery is charged from an onboard petrol or diesel generator not directly connected to the drive wheels and an external source of electricity
14	Electric (diesel extended)	

Code	Type	Definition
15	Electric hydrogen fuel cell	Propelled by an electric motor/s. Electricity is sourced from a hydrogen fuel cell
16	Electric other fuel cell	Propelled by an electric motor/s. Electricity is sourced from a fuel cell other than hydrogen

### **Vehicles already recorded**

The Transport Agency is undertaking a back capture of existing vehicles. The MVR will be updated so that all vehicles have the correct engine type definition from 1 July.

Normal procedures in the LATIS manual should still be applied for corrections and modifications to existing vehicles. See [LATIS manual 2-2-2 IVATT screen procedures](#) (log on required) for WoF vehicles and [LATIS manual 3-1-1 ICORE screen](#) (log on required) for CoF vehicles. Comments on the reason for any change should be recorded notes and any certification keyed to the IVCERT screen.

### **Emissions Rule for electric (petrol extended), electric (diesel extended) vehicles, electric hybrid petrol and electric hybrid diesel vehicles**

The [Land Transport Rule: Vehicle Exhaust Emissions 2007](#) does not apply to ancillary engines that do not power the vehicles wheels (eg refrigeration units, motorhome electricity generators). The generators in electric (petrol extended), electric (diesel extended), electric hybrid petrol and electric hybrid diesel vehicles are not ancillary engines and are required to meet the Rule.