ROAD VEHICLE STANDARDS

List of motive power options and definitions

Following is a list of motive power options available on the Register of Approved Vehicles (RAV) and their definitions under the Road Vehicle Standards (Information on the Register of Approved Vehicles) Determination 2021.

Table 1: Motive power options on the RAV and their definitions.

Field selection	Description published on the RAV	Definition
EV	EV - Pure Electric Vehicle	A vehicle equipped with a powertrain containing exclusively electric machines as propulsion energy converters and exclusively rechargeable electric energy storage systems as propulsion energy storage systems.
FCEV	FCEV - Fuel Cell electric vehicle	A vehicle equipped with a powertrain containing exclusively fuel cell(s) and electric machine(s) as propulsion energy converter(s).
HEV - Petrol	HEV - Petrol Hybrid Electric Vehicle	A non-external charging hybrid electric vehicle where one of the propulsion energy converters is an electric machine, with a petrol internal combustion engine.
HEV - Diesel	HEV - Diesel Hybrid Electric Vehicle	A non-external charging hybrid electric vehicle where one of the propulsion energy converters is an electric machine, with a diesel internal combustion engine.
HEV - H2	HEV - Hydrogen Hybrid Electric Vehicle	A non-external charging hybrid electric vehicle where one of the propulsion energy converters is an electric machine, with a hydrogen internal combustion engine.
ICE - Petrol	ICE - Petrol Internal Combustion Engine	A vehicle powered by an internal combustion engine operating on petrol fuel.
ICE - Diesel	ICE - Diesel Internal Combustion Engine	A vehicle powered by an internal combustion engine operating on diesel fuel.
ICE - CNG	ICE - Compressed Natural Gas Internal Combustion Engine	A vehicle powered by an internal combustion engine operating on compressed natural gas fuel.
ICE - LPG	ICE - LPG Internal Combustion Engine	A vehicle powered by an internal combustion engine operating on liquefied petroleum gas fuel.

Field selection	Description published on the RAV	Definition
ICE - Petrol + LPG	ICE - Petrol + LPG Internal Combustion Engine	A vehicle powered by an internal combustion engine with the ability to operate on either petrol fuel or liquefied petroleum gas fuel.
ICE - H2	ICE - Hydrogen Internal Combustion Engine	A vehicle powered by an internal combustion engine operating on hydrogen fuel.
PHEV - Petrol	PHEV - Plug in Hybrid with Petrol Internal Combustion Engine	A hybrid electric vehicle than can be charged from an external source, with a petrol internal combustion engine.
PHEV - Diesel	PHEV - Plug in Hybrid with Diesel Internal Combustion Engine	A hybrid electric vehicle than can be charged from an external source, with a diesel internal combustion engine.
PHEV - H2	PHEV - Plug in Hybrid with Hydrogen Internal Combustion Engine	A hybrid electric vehicle than can be charged from an external source, with a hydrogen internal combustion engine.
Other	Other	Any other motive power type not otherwise described above.