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VEHICLE CONVERSION TO ELECTRIC CAR

ASE also have the pleasure to be able to test and inspect vehicles that have been converted from petrol cars to electrical cars.

An electric vehicle conversion is the modification of a conventional internal combustion engine vehicle (a vehicle that run on petrol) (ICEV) to electric propulsion, creating an all-electric or plug-in hybrid electric vehicle.



Almost any vehicle can be converted to an electric vehicle.

Many people prefer to pick a vehicle that is light and aerodynamic in order to maximize distance travelled per battery charge in the converted vehicle. There must also be adequate room and load capacity for batteries.

Converted vehicles must meet the same design and safety requirements that applied to the original vehicle when it was manufactured. Where any system governed by an Australian Design Rule (ADR) is altered, it is necessary to show that the original requirements of the rule, or a later one, are still met.



The converted car needs to be tested and confirmed that it still is road worthy and this is what ASE can help you with. ASE will also give you information what needs to be done to make sure your car will meet the Australian Design Rules.