

## **Battery Electric & Plug-In Hybrid Electric Vehicles**

Ford Motor Company have a growing range of Battery Electric Vehicles and Plug-In Hybrid Electric Vehicles. Precautions must be taken before, during and after repairing vehicles fitted with a high voltage battery system.

To prevent the risk of high-voltage shock, always follow precisely all warnings and service instructions including instructions to depower the system. The high-voltage system utilizes high-voltage cables to its components and modules. The high-voltage cables and wiring are identified by orange harness tape or orange wire covering. All high-voltage components are marked with high-voltage warning labels with a high-voltage symbol. Failure to follow these instructions may result in serious personal injury or death.

The high voltage battery in a BEV and PHEV can be affected and damaged by excessively high temperatures. The temperature in some body shop paint booths can exceed 60°C (140°F). Therefore, unless otherwise specified in the model specific procedure, during refinishing operations, the paint booth temperature must be set at or below 60°C (140°F) with a bake time of 45 minutes or less. Temperatures exceeding 60°C (140°F) or bake durations longer than 45 minutes require the high voltage battery be removed from the vehicle prior to placing in the paint booth.

Repair procedures are available in vehicle-specific Service Manuals, Body Repair Manuals, Technical Service Bulletins and Instruction Sheets. Ford dealerships can access service information, training and diagnostic scan tool support through the Professional Technician Society at [www.fordtechservice.dealerconnection.com](http://www.fordtechservice.dealerconnection.com) and independent collision repairers can find information at [www.motorcraftservice.com](http://www.motorcraftservice.com).

Further information can be found on how to manage a damaged vehicle by downloading the ANCAP Rescue app which can be found at [www.ancap.com.au/apps](http://www.ancap.com.au/apps).

Service of the high voltage system on this vehicle is restricted to qualified personnel. The required qualifications vary by region. Always observe local laws and legislative directives regarding electric vehicle service. Failure to follow this instruction may result in serious personal injury or death. As part of Ford Australia's commitment to Right to Repair legislation, information on how and who can work on EV can be found at [Australian Automotive Service and Repair Authority \(aasra.com.au\)](http://AustralianAutomotiveServiceandRepairAuthority(aasra.com.au)).

Ford Motor Company vehicles are designed and built to provide optimum fit, function, safety and structural integrity. Ford Motor Company does not approve the use of third-party replacement parts. The quality, performance and safety of these parts cannot be verified and may result in substandard repairs, which can inhibit proper vehicle function and cause erroneous DTCs. Only by using Ford original equipment collision parts can you be assured of the part's fit, finish, quality, and safety.