HYBRID SYSTEM OVERVIEW

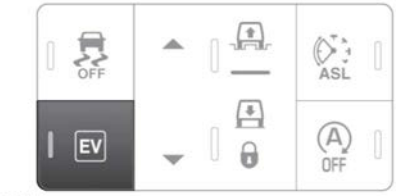
The Hybrid system uses a conventional engine, assisted by an electric motor, to provide increased fuel efficiency and performance.

The Hybrid system automatically switches off the engine when it is not required, enabling the vehicle to be driven using only the electric motor. When conditions are appropriate, there is also an option to select Electric Vehicle (EV) mode. This enables the vehicle to be driven using the electric motor, with support from the engine when required.

For information on Instrument panel displays, see **44, INSTRUMENT PANEL - HYBRID VEHICLES** and **45, REDUCED HYBRID DISPLAY**.

For information on the Hybrid system Intelligent stop/start system, see **110, INTELLIGENT STOP/START** and **111, DRIVER EXIT**.

ELECTRIC VEHICLE (EV) MODE



E161579

In EV mode, the vehicle runs using only the electric motor as much as possible. When the engine is required to run, it starts automatically and the vehicle charges the Hybrid battery. This allows the maximum possible electric motor only driving.

Note: *Continual use of EV mode reduces fuel economy.*

Press the **EV** button, near to the gear selector, to activate EV mode.

If EV mode cannot be activated, the EV mode button LED will not illuminate and an appropriate message will be displayed in the Message centre.

The following may prevent activation of EV mode or may prompt an engine restart if EV mode is already active.

- A Terrain response special program is selected.
- The suspension is set to Off-road height.
- A shift paddle is used to select a gear.
- Low range is selected.
- Wade sensing detects that the vehicle is wading.
- Battery charge becomes low.
- The battery is not at the required operating temperature.
- Vehicle power demand exceeds the level shown by the engine restart marker.
- The engine is in a too cold condition.