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.

Note: *Before wading, deactivate Intelligent Stop/Start. See* ***125, DEACTIVATING INTELLIGENT STOP/START****.*

For information on Instrument panel displays, see **51, INSTRUMENT PANEL - HYBRID VEHICLES** and **52, REDUCED HYBRID DISPLAY**.

For information on the Hybrid system Intelligent stop/start system, see **124, INTELLIGENT STOP/START** and **125, DRIVER EXIT**.

ELECTRIC VEHICLE (EV) MODE



In EV mode, the vehicle will run using only the electric motor as much as possible. When the system is cold, driving using only the electric motor is possible only at reduced vehicle speeds.

When the system has warmed up:

- An engine re-start marker is displayed on the power gauge, this indicates the power demand that will cause the engine to re-start.
- The engine will re-start automatically when it is required to run, and the vehicle will charge the Hybrid battery to allow the maximum possible electric-only driving at the next opportunity.

Note: *Continual use of EV mode will reduce fuel economy.*

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

If EV mode cannot be activated the EV mode warning lamp will not illuminate (see.**51, INSTRUMENT PANEL - HYBRID VEHICLES**), and an appropriate message is displayed in the Message centre.

The following may prevent activation of EV mode, or may prompt an engine re-start 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 is active.
- Battery charge becomes low.
- The battery is not at the required operating temperature.

- Vehicle power demand exceeds the level shown by the engine re-start marker.
- The engine is in a too cold condition.