■ FUNCTION OF MAIN COMPONENTS

Component		Outline
DCM		● Cancels or connects the communication between the transponder key ECU and ECM. ● Receives signals from the GPS antenna and telephone antenna. ● Transmits a signal to the telephone antenna.
Auxiliary Battery		Provides power to the DCM when the power supply from the vehicle battery is cut off or has deteriorated.
Integration Antenna Assembly	GPS Antenna	Receives the signals from the GPS (Global Positioning System) satellites and transmits the vehicle position signal to the DCM.
	Telephone Antenna	Sends and receives information to and from the call center through the GSM (Global System for Mobile communications), and transmits received information to the DCM.

■ SYSTEM OPERATION

General

The blocking system provides the functions in the table below:

Function	Outline
Localization	Conducts vehicle localization by transmitting vehicle location data received from GPS satellites to the call center via the DCM.
Blocking	● Once the user has informed the call center of a vehicle theft, the call center will transmit a blocking signal to the vehicle. Once the DCM has received the blocking signal, it will activate the blocking. Communication between the transponder key ECU and ECM is canceled, thus preventing the engine from starting. ● Using information about the vehicle's location received from the GPS satellites, when the vehicle's movement is detected while the ignition switch is off, an abnormal operation notification is transmitted from the DCM to the call center.

Service Tip

- The user can cancel the blocking function by contacting the call center.
- While the blocking function is active, the engine cannot be started even though the engine immobiliser system has been unset. Re-start the engine after the blocking function has been canceled.

■ DIAGNOSIS

The 5-digit DTC can be read by connecting an intelligent tester II to the DLC3 terminal. For details, refer to the Hilux Repair Manual.