| Function | Outline |
|---|---|
| Shift-down Control | When the vehicle is cruising uphill, shift-down control may be performed by the ECT (Electronic Control Transmission). The ECM permits the ECT ECU to shift up when the ECM judges the end of cruising uphill based on the throttle valve angle. If shift-down control is performed during accelerator or resume control, the ECM permits the ECT ECU to shift up after accelerator or resume control is completed. |
| Diagnosis | When the ECM does not receive a vehicle speed signal for a predetermined period of time during cruising, or when cruise control is cancelled (automatic cancel) by a malfunction in the cruise control switch, stop light switch or vehicle speed signal, the ECM immediately blinks the CRUISE main indicator light on the combination meter on and off to alert the driver of the system malfunction. The contents of malfunctions are coded and stored in the ECM. |

## ■ DIAGNOSIS

- When the ECM does not receive a vehicle speed signal for a predetermined period of time during cruising, or when cruise control is cancelled (automatic cancel) by a malfunction in the cruise control switch, stop light switch or vehicle speed signal, the ECM immediately blinks the CRUISE main indicator light on the combination meter on and off five times* to alert the driver of the system malfunction. The contents of malfunctions are coded and stored in the ECM.
- An intelligent tester II can be used to read 5-digit codes. For details, see the Fortuner/Hilux SW4 Repair Manual.

*: Models with 1KD-FTV engine