■ BEAN

1. General

- The configuration of the BEAN has been effected in accordance with the configuration of vehicle equipment.
- The ECUs that pertain to the body electrical system perform the functions and system controls described in the following chart.

ECU	Function and System Control
Main Body ECU	• Exterior Light Control • Interior Light Control • Warning Control • Front Door Lock Control • Back Door Lock Control • Wireless Door Lock Remote Control • Rear Washer Control • Customized Body Electronics System
Back Door ECU	• Glass Hatch Opener Control • Rear Wiper Control

2. Diagnosis of BEAN

If a malfunction occurs in the BEAN, Main Body ECU stores the DTCs (Diagnostic Trouble Codes) in its memory.

- The 5-digit DTCs for the BEAN can be read by connecting a hand-held tester. For details, see the 2007 FJ Cruiser Repair Manual (Pub. No. RM0240U).

3. Customized Body Electronics System

General

The customized body electronics system enables the control function settings of the ECUs to be changed through the use of a hand-held tester.
However, this system can only change the settings of the ECUs that are connected to the BEAN.

Operation

Operating a hand-held tester can change the specifications of the systems and functions.
The changed contents that are open to users are shown in the following list.

System	Hand-Held Tester Display Content	Contents	Default	Selection
Wireless Door Lock Remote Control System	UNLOCK/2 OPER (2 time operation wireless unlock)	Function to unlock the driver's door by pressing the unlock button of the transmitter once and to unlock all the doors by pressing it twice. In the OFF setting, pressing one time makes all the doors unlocked.	ON	ON/OFF
	AUTO LOCK DELAY (Auto lock time)	To change the time until re-locking after unlocking with the wireless door lock function.	30 sec.	30 sec. /60 sec.
	HAZARD ANS BACK (Hazard answer back of the wireless)	Function to light up the all turn signal light once when pressing the transmitter lock button and twice when pressing the unlock button under the condition that the Engine Hood and all the doors are closed.	ON	ON/OFF
	OPEN DOOR WARN (Open door warning)	Function to make the buzzer sound for 10 seconds if the door is open when locking with the wireless door lock function.	ON	ON/OFF
	ALARM FUNCTION (Panic function)	Function to operate the theft deterrent system by keeping pressing the lock button of the transmitter for 2.5 seconds. If there is the panic button, press the panic button instead of the lock button.	ON	ON/OFF
	WIRELS BUZ VOL (Wireless buzzer volume)	To adjust the volume of the wireless buzzer.	MAX	MAX/MID3/ MID2/MID1/ MIN/OFF
	WIRELESS OPER (Wireless door lock control function)	ON/OFF of the wireless door lock function.	ON	ON/OFF
Door Lock Control System	UNLK/KEY TWICE (Unlock w/ 2 times D key operation)	Function to unlock only the driver's door by doing the key operation once and to unlock all the doors by doing it twice. In the OFF setting, operating the key "UNLOCK" once makes all the doors unlocked.	ON	ON/OFF
Illuminated Entry System	I/L ON/UNLOCK (Interior light ON w/door key unlock)	Function to light up the interior light, ignition light and step light when unlocking with the door key cylinder.	ON	ON/OFF
	LIGHT CONTROL (Lighting time)	To change the lighting time after closing the door. (It will quickly fade out in case of turning the ignition ON.)	15 sec.	7.5 sec. /15 sec. /30sec.
	I/L ON/ACC OFF (Light the I/L when ACC OFF)	Function to light the interior light when the ignition switch is operated from "ACC" to "LOCK".	ON	ON/OFF