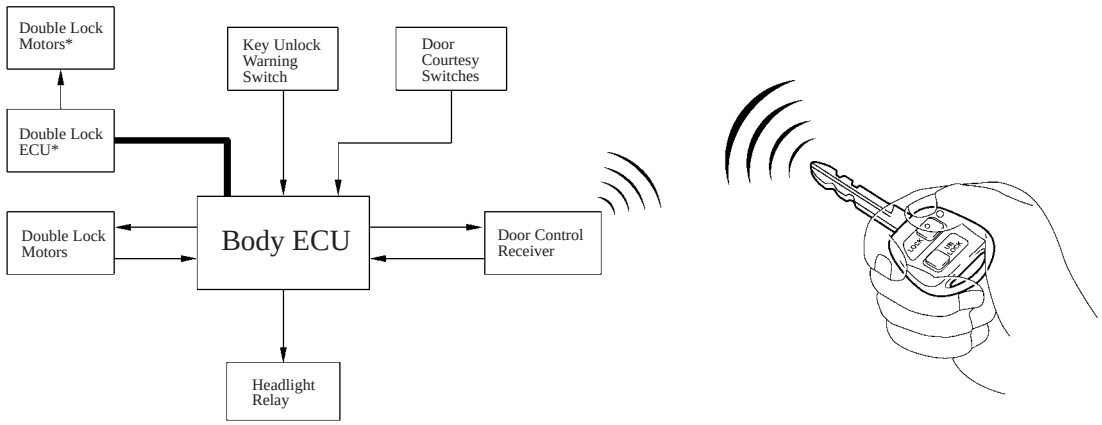
■WIRELESS DOOR LOCK REMOTE CONTROL SYSTEM

1. General

The wireless door lock remote control system has been adopted on the all models as standard equipment. This system is a convenient system for locking and unlocking all the doors, at a distance. This system in the Camry has the following features:

- In this system, the wireless door control receiver performs the code identification process and the body ECU effects the door lock control. Serial data link is provided for communication between the wireless door control receiver and the body ECU.
- A key-integrated, three-button type transmitter has been adopted.
- A rolling code system, in which the signal configuration changes each time when a signal is transmitted by the transmitter, has been adopted.

▶ System Diagram ◀



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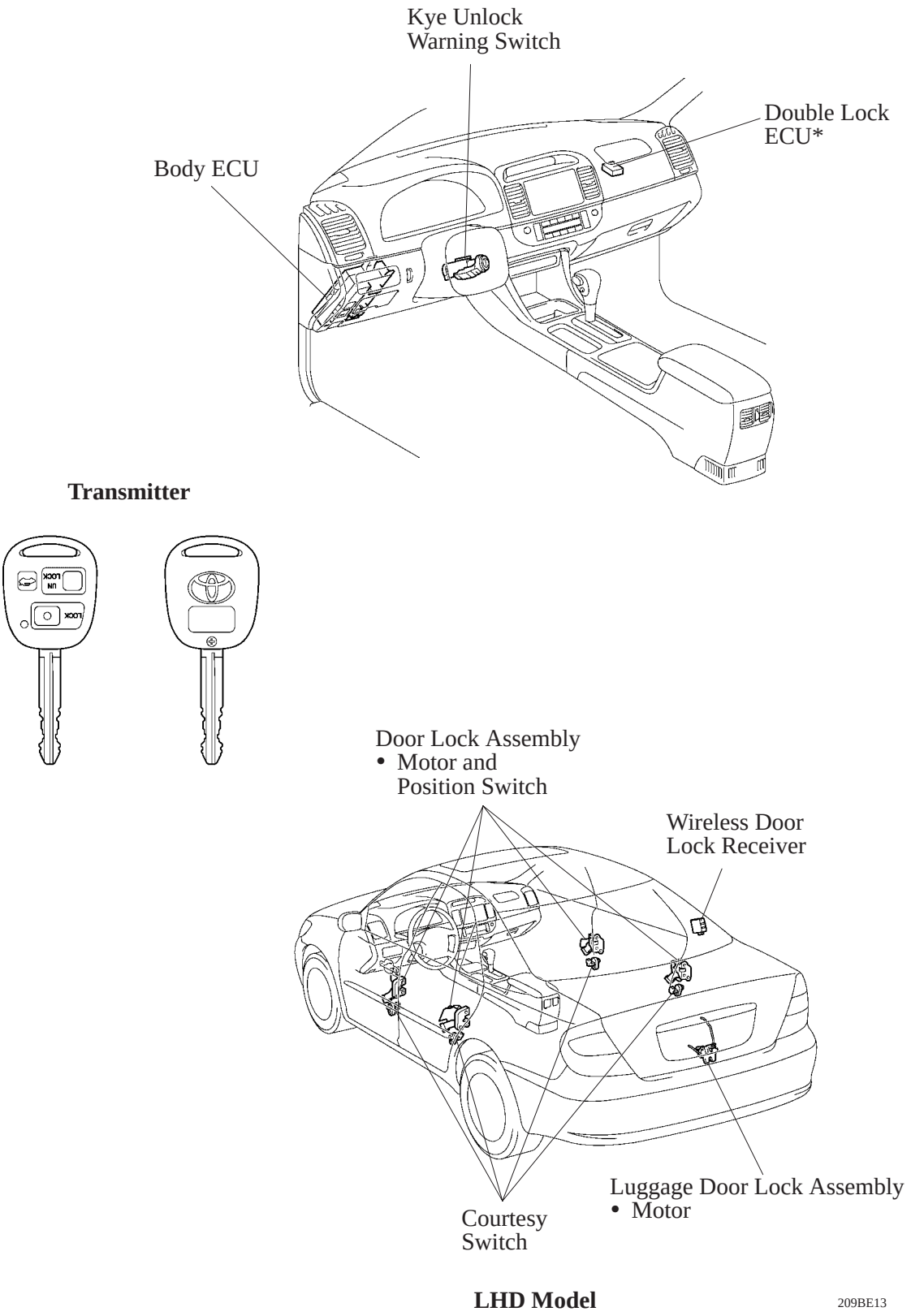
*: Only for The European RHD Model

Service Tip

In case of making new ignition key due to the loss of it, it is necessary to register recognition code. Refer to see the Camry Repair Manual (Pub. No. RM915E).

2. Layout of Component



*: Only for The European RHD Model

3. Function

General

The wireless door lock remote control system in the Camry has the following functions.

Function	Outline
All Doors Lock Operation	Pressing the door lock switch of the transmitter locks all doors.
All Doors Unlock Operation	Pressing the door unlock switch of the transmitter once unlocks all doors.
Double Locking System Operation	Pressing the door lock switch, then pressing it again within 5 seconds activates the double locking system.
Luggage Door Open Operation	Keeping the luggage door opener switch of the transmitter pressed longer then about 1 second opens the luggage door.
Answer Back Operation	The hazard light is flashed once when locking, and the hazard light is flashed twice when unlocking, to inform that the operation has been completed.
Automatic Lock Function	If none of the doors are opened within 30 seconds after they are unlocked by the wireless door lock remote control, all the doors are locked again automatically.
Transmitter Switch Miss-operation Prevention Function	When an ignition key is in the ignition key cylinder or any of the door is not closed completely, the wireless door lock remote control is temporarily cancelled to prevent miss-operation.
Repeat Function	If a door is not locked in response to the locking operation of the transmitter, the Body ECU will output a lock signal after the 1 second.
Illuminated Entry Function	When all the doors are locked, pressing the door unlock switch causes the interior lights to illuminate simultaneously with the unlock operation.
Security Function	Sends an operation signal as a rolling code.
Transmitter Recognition Code Registration Function	Enables the registering (writing and storing) of 4 types of transmitter recognition codes in the EEPROM that is contained in the Body ECU.
Self-Diagnosis	If there is a malfunction in the system, the Body ECU stores the DTCs (Diagnostic Trouble Codes) in its memory.

Transmitter Recognition Code Registration Function

The table below shows the 4 special coded ID registration function modes through which up to 4 different codes can be registered. The codes are electronically registered (written to and stored) in the EEPROM. For details of the recognition code registration procedure, refer to the Camry Repair Manual (Pub. No. RM915E) to register the codes correctly.

Mode	Function
Rewrite Mode	Erases all previously registered codes and registers only the newly received codes. This mode is used whenever a transmitter or the Body ECU is replaced.
Add Mode	Adds a newly received code while preserving any previously registered codes. This mode is used when adding a new transmitter. If the number of codes exceeds 4, the oldest registered code is erased first.
Confirm Mode	Confirms how many codes are currently registered. When adding a new code, this mode is used to check how many codes already exist.
Prohibit Mode	To delete all the registered codes and to prohibit the wireless door lock function. This mode is used when the transmitter is lost.