

■ DOOR LOCK CONTROL SYSTEM

1. General

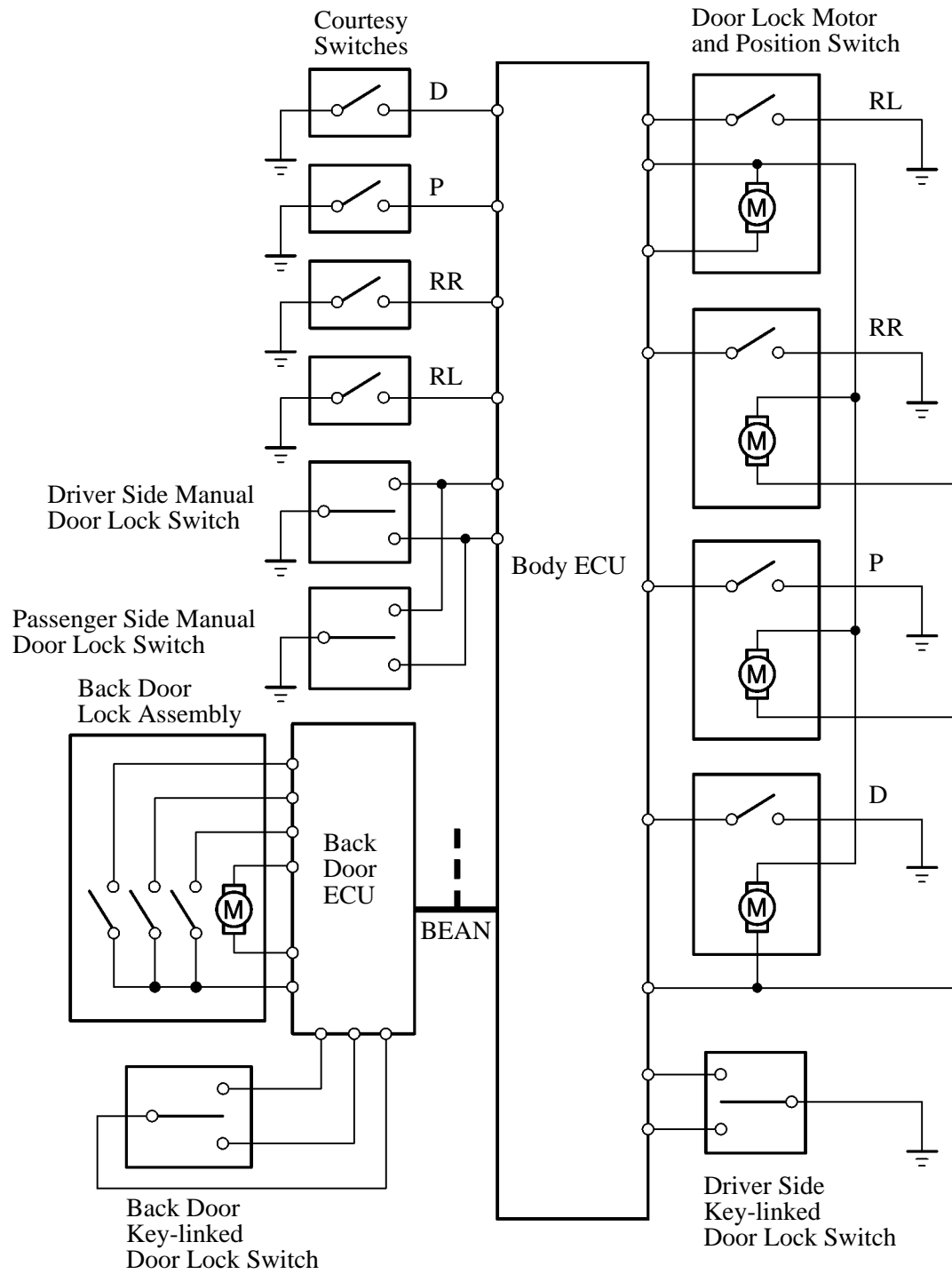
- As in the '02 4Runner, the door lock control system is used. However, shift-linked automatic door lock and speed-sensitive automatic door lock function have been added.
- This system is controlled by the body ECU. However, the back door lock function is controlled by the body ECU and the back door ECU.
- The door lock control system has the following functions:

: New

Function	Outline
Key-linked lock and unlock function	This function, which is linked with the key cylinder, can lock or unlock all the doors when a lock or unlock operation is effected.
Key confine prevention function	When the key is inserted in the ignition key cylinder and if you perform the door lock operation, all the doors will be unlocked.
Manual unlock prohibition function	Performing the door lock operation with a transmitter or an ignition key will prohibit the unlock operation by the door lock control switch.
2-step unlock function*	This function is provided to unlock the driver's door by turning the key cylinder first and to unlock passenger's door by turning it the second time.
Shift-linked automatic door lock*	When the conditions listed below are met consecutively, this function causes all the doors to be automatically locked. <ul style="list-style-type: none"> ● The ignition switch is turned from the "OFF" or "ACC" position to the "ON" position. ● All doors are closed. ● The shift lever is moved out of P position. ● Either one of the doors is unlocked.
Speed-sensitive automatic door lock*	When the conditions listed below are met consecutively, this function causes all the doors to be automatically locked. <ul style="list-style-type: none"> ● Vehicle speed is higher than approximately 20 km/h (13 mph). ● All doors are closed. ● The shift lever position is out of P and N position. ● Either one of the doors is unlocked
Shift-linked automatic door unlock	When the ignition switch is in the "ON" position, by shifting the shift lever to P position from the position other than P position, all the doors will be automatically unlocked.
Ignition switch-linked automatic door unlock	When the driver's door is closed, by turning the ignition switch from ON to OFF position and opening the driver's door within 10 seconds all the doors will be automatically unlocked.

*: The setting of function can be changed using the customized body electronics system. For details, refer to Customized Body Electronics System section on page BE-6.

2. System Diagram



3. Layout of Main Component

