

## START STOP UNIT

id091400111500

### Purpose

- Performs control of several systems based on input/output signals from switches.

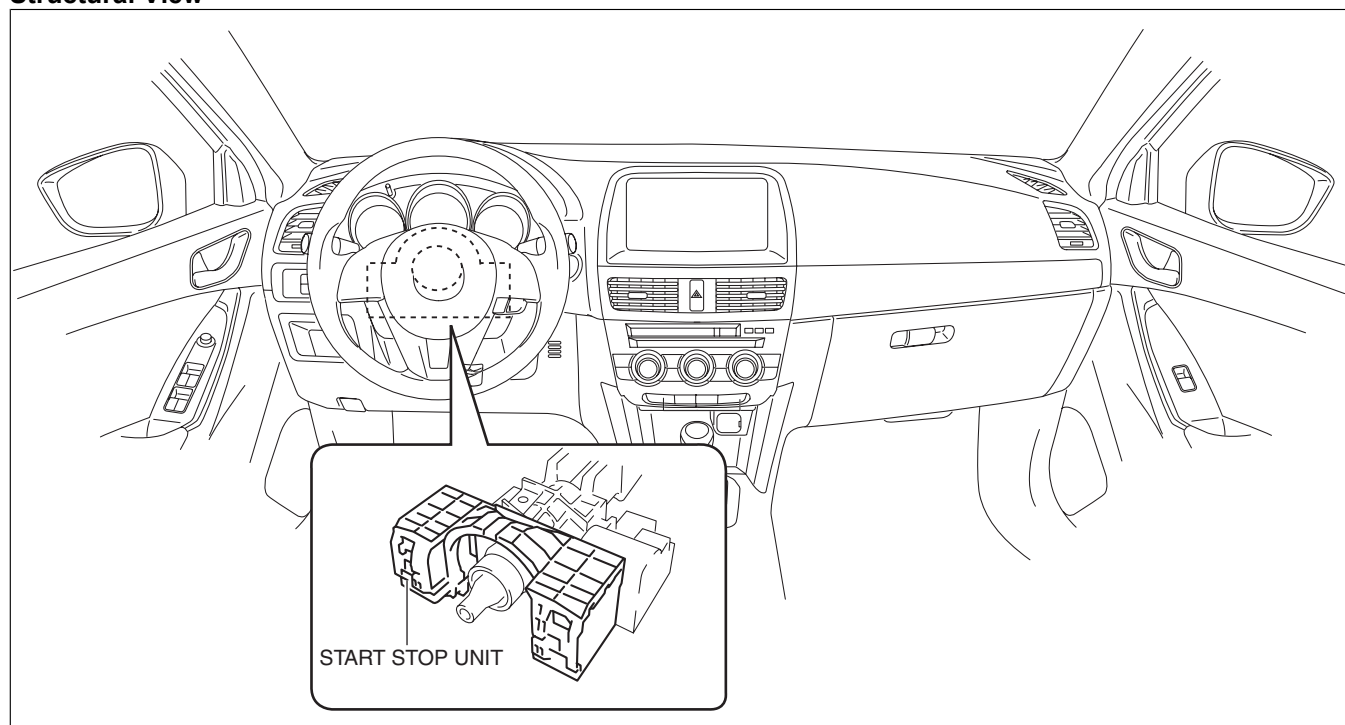
### Function

- The start stop unit controls systems based on the input/output signals.
- The functions which are controlled are as follows:

### Control Table

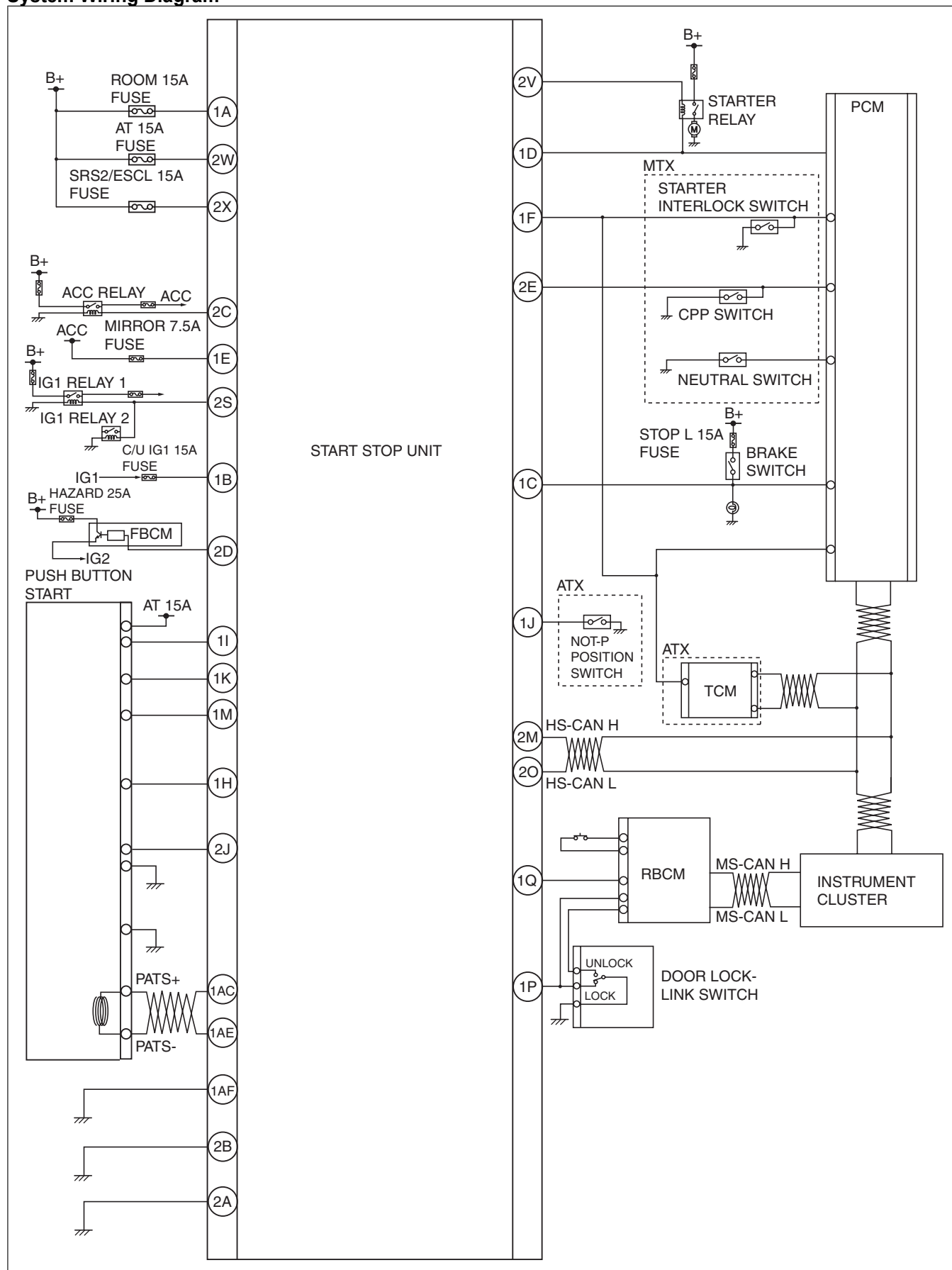
Control	Content	Reference
Advanced keyless entry system control	Authorization of the remote transmitter being carried is automatically performed using radio waves, and all the doors lock/unlock according to the switch operation.	(See ADVANCED KEYLESS ENTRY SYSTEM.)
Keyless entry system control	When the lock/unlock buttons on the transmitter are pressed at a distance away from the vehicle ( <b>within approx. 1 m {3 ft}</b> ), all the doors lock/unlock.	(See KEYLESS ENTRY SYSTEM.)
Push button start system control	When the push button start is pressed, authorization of the remote transmitter brought into the vehicle is automatically performed.	(See PUSH BUTTON START SYSTEM [ADVANCED KEYLESS ENTRY SYSTEM].) (See PUSH BUTTON START SYSTEM [KEYLESS ENTRY SYSTEM].)
Immobilizer system control	The immobilizer system is a vehicle theft prevention device that only allows a remote transmitter that has been previously programmed to the vehicle to start the engine.	(See IMMOBILIZER SYSTEM.)
On-board diagnostic system control	The start stop unit is equipped with an on-board diagnosis function which records DTCs in the event of a malfunction.	(See ON-BOARD DIAGNOSIS SYSTEM [START STOP UNIT].) (See ON-BOARD DIAGNOSIS SYSTEM [ADVANCED KEYLESS ENTRY SYSTEM].) (See ON-BOARD DIAGNOSIS SYSTEM [IMMOBILIZER SYSTEM].)
CAN (Controller Area Network)	Sends and receives signals between CAN system-related modules using CAN system.	(See CONTROLLER AREA NETWORK (CAN) SYSTEM.)

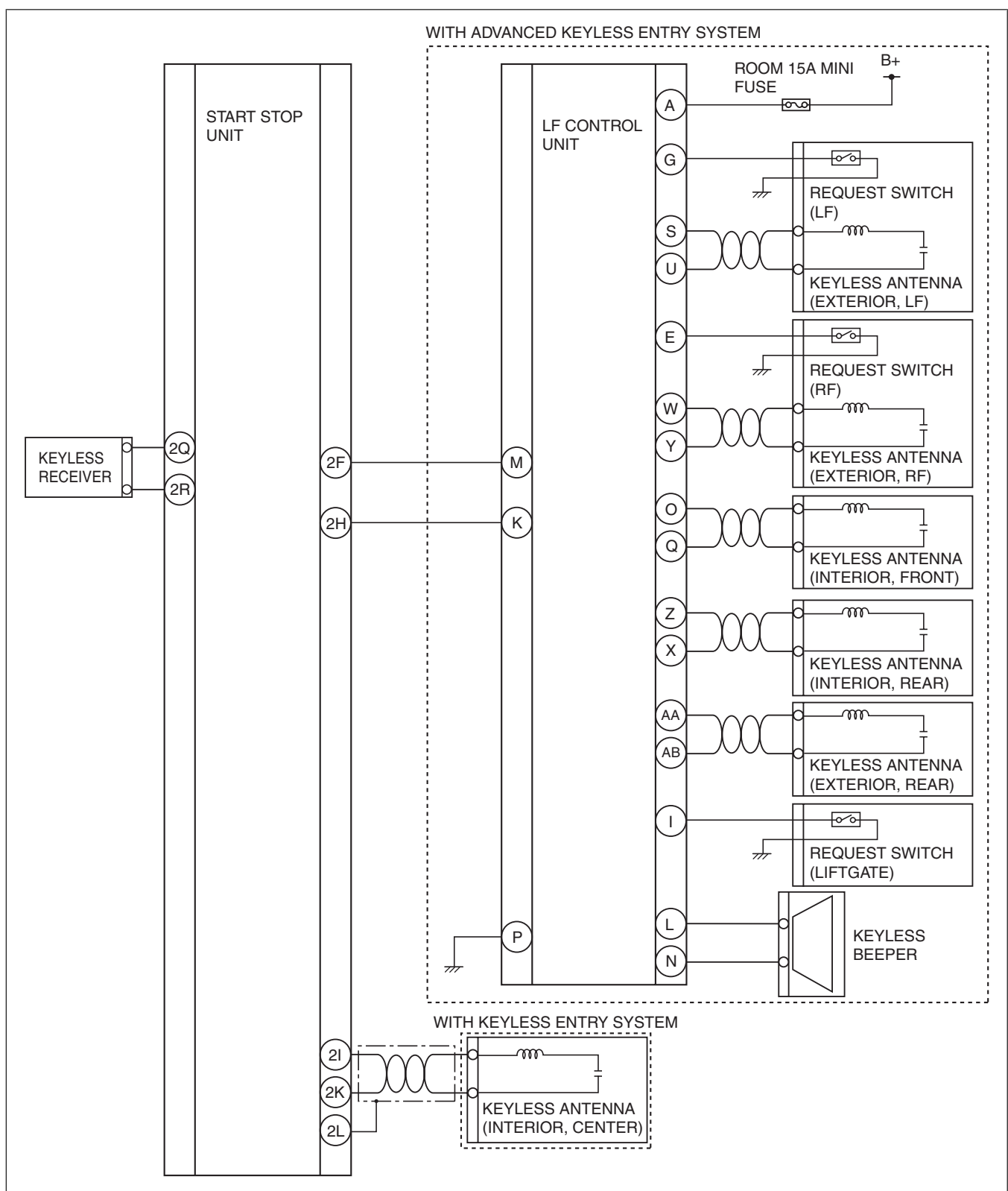
### Structural View



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## System Wiring Diagram







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**Advanced keyless entry system**

- KEY warning light (red) illuminates.

**Push button start system**

- If a malfunction is detected in the push button start system, the engine can be started by pressing and holding the press button start. In addition, if the following conditions are met, engine starting is inhibited.
  - Certain period of time has elapsed since malfunction is detected in push button start
  - Engine is started a certain number of times by pressing and holding push button start
- Flashes the push button start indicator light (amber).

**Immobilizer system**

- Flashes the push button start indicator light (amber).