

WIRELESS DOOR LOCK CONTROL SYSTEM

SYSTEM DESCRIPTION

05DLI-01

- (a) This system is a convenient system for locking and unlocking all doors from a distance. The wireless control system has the following features:
- The door control receiver performs the code identification process and the door control relay operates the door lock control. Serial data link is provided for communication between the door control receiver and the door control relay.
 - A key ring type transmitter is used and it contains the following 3 switches: the door lock switch, door unlock switch and panic switch.
 - An LED (light emitting diode) is mounted on the transmitter and illuminates when the battery is low.
- (b) The wireless door lock control system has the following functions:

Function	Outline
All door lock operation	Pressing LOCK switch locks all doors
All doors unlock operation (2-step unlock operation)	Pressing UNLOCK switch once unlocks driver side door and pressing it again within 3 seconds unlocks all doors
Answer-back operation	Hazard warning lamps flash once when doors are locked and flash twice when doors are unlocked to inform that operation has been completed
Panic alarm operation	Holding down PANIC switch sets off theft deterrent alarm (horn sounds, headlamps and hazard warning lamps flash)
Automatic lock function	If none of doors are opened within 30 seconds after they are unlocked by wireless door lock remote control, all doors will lock again automatically
Repeat function	If a door cannot be locked in response to locking operation of transmitter, door control relay will output a lock signal after 1 second
Illuminated entry function	When all doors are locked, pressing UNLOCK switch causes room lamp to illuminate simultaneously with unlock operation
Security function	Sends an operation signal as rolling code
Switch fail-safe function	When key is in ignition key cylinder or any door is not closed completely, wireless door lock control is temporarily cancelled to prevent misoperation
Transmitter recognition code registration function	Enables registering (writing and storing) 4 types of transmitter recognition codes in EERPOM contained in door control relay
Self-diagnosis	Determines whether or not signals sent from transmitter during diagnostic mode is normal and operates room lamp in accordance with switches that have been held down