

KEYLESS ENTRY SYSTEM CONSTRUCTION/OPERATION

B3E091401090T04

- Consists of the following parts;

- PJB
- Keyless control module
- Transmitter
- Front door latch and lock actuator
- Rear door latch and lock actuator
- Liftgate latch and lock actuator

- The following operations can be performed using the transmitter when away from the vehicle (approx. 2.5 m {8.2 ft}):

- Lock all doors (by pressing the LOCK button.)
- Unlock all doors (by pressing the UNLOCK button.)

- With the double-locking function, when the lock button is pressed twice within 3 s, unlocking the door with the door lock knob is inhibited.

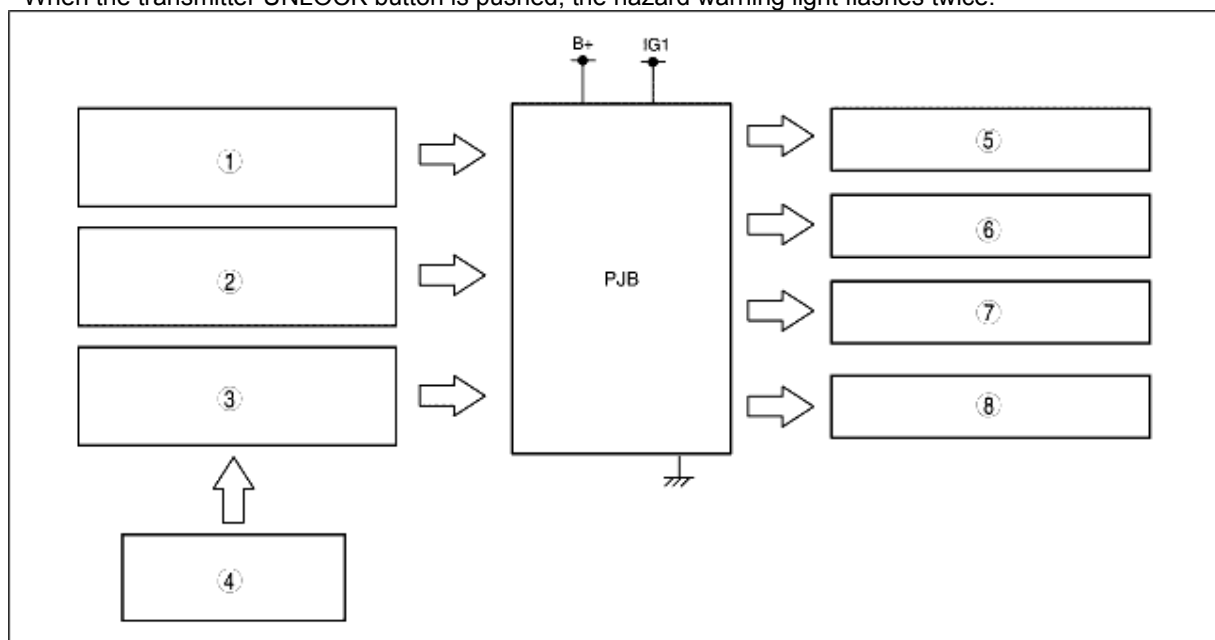
- An auto-locking device has been adopted that automatically locks the doors if any of the following operations are not performed within 30 s of pressing the transmitter UNLOCK button:

- Any door is opened.
- The door is locked/unlocked using the door key cylinder.
- The door is locked/unlocked using the driver-side door lock knob.
- The key is inserted the steering lock.

- In order to prevent accidental operation when driving, pushing any transmitter button will have no affect when the ignition switch is at the ON position.

- In response to transmitter operation (lock/unlock), the hazard warning light flashes to enable visual verification of operation.

- When the transmitter LOCK button is pushed, the hazard warning light flashes once.
- When the transmitter UNLOCK button is pushed, the hazard warning light flashes twice.

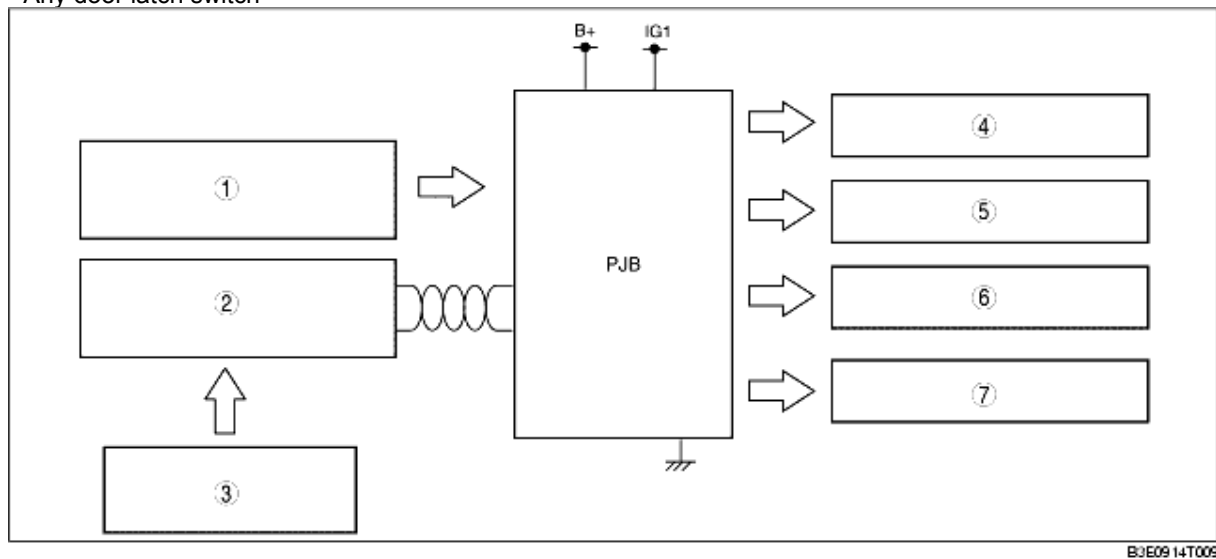


B3E09 14T008

1	Door latch switch (door open or closed)
2	Liftgate latch switch (liftgate open or closed)/Trunk lid latch switch (Trunk lid open or closed)
3	Keyless control module
4	Transmitter (lock or unlock)
5	Front door lock actuator
6	Rear door lock actuator
7	Liftgate lock actuator
8	Hazard warning light

• The self-diagnostic function of the keyless entry system is accessed by combined operation of the following parts, allowing for verification of the keyless entry system operating status. For the start-up procedure of the self-diagnostic function, refer to the Mazda3 Workshop Manual.

- Key reminder switch
- Any door latch switch



1	Any door latch switch (door open or closed)
2	Instrument cluster
3	Key reminder switch
4	Front door lock actuator
5	Rear door lock actuator
6	Liftgate lock actuator
7	Hazard warning light