

Model:

MX-5 Miata

Year:

2004-05



Remote alarm/central locking

System operation

- Pressing key remote transmitter UNLOCK button once unlocks driver's door.
- Pressing key remote transmitter UNLOCK button twice within 5 seconds unlocks all doors.
- If vehicle unlocked and doors or trunk/tailgate not opened within 30 seconds, locks/alarm are reactivated.

Programming

When

- Key remote transmitter added or replaced.

How

NOTE: A maximum of 3 key remote transmitters can be programmed.

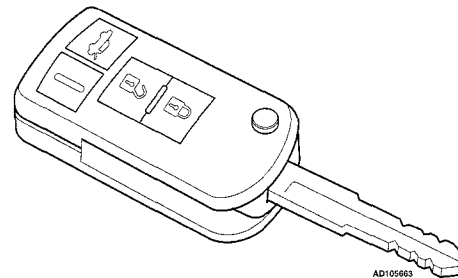
- Obtain all key remote transmitters.

NOTE: Any existing key remote transmitters not used during programming will become inoperative.

- Remove key from ignition switch.
- Close all doors.
- Open driver's door.
- Carry out the following procedure within 24 seconds:
 - Turn ignition switch ON and back to LOCK position 3 times.
 - Remove key.
 - Press and release driver's door courtesy light switch 3 times.
 - Ensure doors lock and unlock.
 - If not, wait 40 seconds and repeat procedure starting with driver's door already open.
- Press any button of each key remote transmitter twice.
- Ensure doors lock and unlock after each key remote transmitter operation.

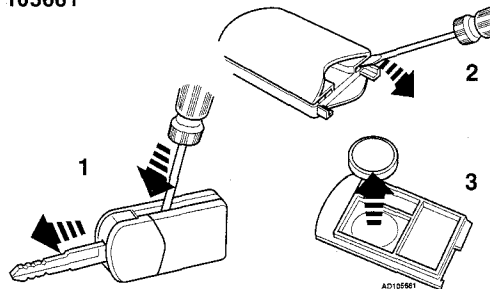
- If not, proceed as follows:
 - Press and release driver's door courtesy light switch once.
 - Ensure doors lock and unlock twice.
 - Repeat procedure starting with driver's door already open.

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Battery replacement

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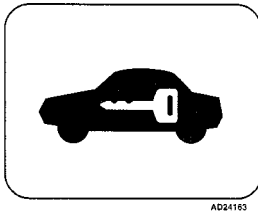


Immobilizer

System operation

- * System arms after switching ignition OFF.
- * Start engine.
- * Ensure immobilizer warning lamp illuminates briefly **Fig. 24163**.
- * System malfunction present if:
 - Immobilizer warning lamp flashes rapidly.
 - Immobilizer warning lamp does not illuminate.
 - Immobilizer warning lamp remains illuminated.

24163



- * Using second programmed key, proceed as follows:
 - Start engine.
 - Check that immobilizer warning lamp illuminates for 1-2 seconds **Fig. 24163**.
 - Turn ignition switch to LOCK position and remove key.
- * Repeat procedure with first programmed key as follows:
 - Start engine.
 - Check that immobilizer warning lamp illuminates for 1-2 seconds **Fig. 24163**.
 - Turn ignition switch to LOCK position and remove key.
- * Using each new key, proceed as follows:
 - Start engine.
 - Check that immobilizer warning lamp illuminates for 1-2 seconds **Fig. 24163**.
 - Turn ignition switch to LOCK position and remove key.
- * To exit programming mode: Wait 30 seconds.
- * Confirm programming by starting vehicle using each key. Wait at least 5 seconds between keys.

NOTE: A maximum of 8 keys can be programmed.

How – with one or no programmed keys

NOTE: An 8 digit security code is required for this procedure; refer to dealer.

NOTE: Complete each step within 30 seconds of previous step unless otherwise specified.

- * Using first new key, proceed as follows:
 - Turn ignition switch ON and back to LOCK position 5 times within 5 seconds.
 - Turn ignition switch ON.
 - Check that immobilizer warning lamp flashes at 0.3 second intervals **Fig. 24163**.
 - Turn ignition switch to LOCK position and wait 5 minutes until warning lamp flashes at 1.2 second intervals.
- * The security code number can now be programmed as follows:
 - Turn ignition switch ON when the immobilizer warning lamp is not illuminated and count the same number of flashes indicated by the first digit of the security code.
 - Turn ignition switch to LOCK position immediately after the immobilizer warning lamp extinguishes on the last counted flash.

Programming

When

- * Key added or replaced.

How – with two or more programmed keys

NOTE: Complete each step within 30 seconds of previous step unless otherwise specified.

- * Obtain all keys.
- * Using first programmed key, proceed as follows:
 - Turn ignition switch ON and back to LOCK position, 5 times within 5 seconds.
 - Turn ignition switch ON.
 - Ensure immobilizer warning lamp illuminates **Fig. 24163**.
 - Turn ignition switch to LOCK position and remove key.
 - Ensure immobilizer warning lamp extinguishes **Fig. 24163**.

- Turn ignition switch ON when the immobilizer warning lamp is not illuminated and count the same number of flashes indicated by the second digit of the security code.
 - Turn ignition switch to LOCK position immediately after the immobilizer warning lamp extinguishes on the last counted flash.
 - Repeat the above procedure for remaining six digits of the security code.
 - When all 8 digits are entered correctly the immobilizer warning lamp will stop flashing and remain illuminated.
 - Start engine.
 - Check that immobilizer warning lamp illuminates for 1-2 seconds **Fig. 24163**.
 - Turn ignition switch to LOCK position and remove key.
 - * Using second new key, proceed as follows:
 - Start engine.
 - Check that immobilizer warning lamp illuminates for 1-2 seconds **Fig. 24163**.
 - Turn ignition switch to LOCK position and remove key.
 - Repeat above procedure for remaining programmed and/or new key(s).
 - * To exit programming mode: Wait 30 seconds.
- NOTE: A maximum of 8 keys can be programmed.**
- * Confirm programming by starting vehicle using each key. Wait at least 5 seconds between keys.