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MAZDA

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APPLICATIONS

A

VEHICLE	YEAR	KEY PROG	TYPE
626	ALL	Y	LUCAS
XEDOS	ALL	Y	LUCAS
DEMIO	ALL	Y	LUCAS
121	ALL	Y	PATS

SPECIAL FUNCTIONS

B

MAZDA CODE CONVERTER

VEHICLE SELECTION

LEXUS
MAZDA
MITSUBISHI
NISSAN

From the VEHICLE SELECTION MENU
select MAZDA.

PRESS ENTER KEY

DIAGNOSTIC MENU

> PATS 2
> P.C.M
> **MAZDA PIN CODE**

Select MAZDA PIN CODE

PRESS ENTER KEY

MAZDA CODE CONVERTER

Press **ENTER** Key

PRESS ENTER KEY

SERIAL CODE

Enter serial number from LUCAS Im-
mobiliser mounted at the back of the
IGNITION KEY assembly.

Code can be found on the label.

IS CODE CORRECT
OK=ENTER CLEAR=BACK

NOTE : ONLY LUCAS IMMOBILISERS
WILL WORK CORRECTLY.

MAZDA MECS

PLEASE WAIT

Please WAIT for the code to be calcu-
lated.

NOTE : THIS WILL TAKE 10
MINUTES !

MAZDA CODE CONVERTER

MAZDA MECS

SER No.
603-611-2057
PINCODE : 7355-4316

PRESS ENTER KEY

The screen will then display the converted pin code.

KEY PROGRAMMING PROCEDURE

PROCEDURE FOR WHEN THERE ARE NO KEYS OR ONLY 1 PREPROGRAMMED KEY AND YOU NEED TO PROGRAM MORE KEYS

IMPORTANT : You must have at least 2 keys to perform this procedure. If there are no pre-programmed keys, you will have to provide 2 new keys. If there is only one pre-programmed key, you will have to provide at least one more.

IMPORTANT : YOU MUST USE A FACTORY KEY TO PROGRAM, YOU CANNOT USE AFTERMARKET KEYS FOR THIS PROCEDURE.

1. Cut the mechanical cuts on each new transponder key.
2. Insert the first key and turn the ignition ON and then back to the OFF position 5 times. You must NOT leave the ignition in the ON position for more than 1 second.
3. Turn the key back to ON position and watch the flashing security light on the Dashboard. The light should flash rapidly, 300 mS ON and 300mS OFF.
4. Within 20 seconds, turn the key to the LOCK position for 5 minutes. After 5 minutes the security light should decrease in flashing to 1.2 seconds between flashes.
5. Within 20 seconds, enter the CODEWORD (Password). NOTE : SEE HOW TO ENTER CODEWORD under the Mazda code converter section.
6. When you have entered the codeword, the security light should remain ON and not flash.
7. The car should now start. Start the car and the security light should stay lit for between 1 and 2 seconds.
8. Within 20 seconds, remove the first key and insert the second key and start the car. The security light should stay lit for between 1 to 2 seconds.
9. Stop if you have no more keys, and wait 30 seconds for the car to exit programming mode.

PROGRAMMING PROCEDURE

PROCEDURE FOR WHEN THERE ARE 2 OR MORE PREPROGRAMMED KEYS

1. Cut the mechanical cuts on each new transponder key.
2. Insert the first key and turn the ignition ON and then back to the OFF position 5 times. You must NOT leave the ignition in the ON position for more than 1 second.
3. Turn the first pre-programmed key back to the ON position, the security light should stay ON.
4. Turn the first key back to the LOCK position.
5. Insert the second pre-programmed key and start the car. The security light should stay lit for between 1 and 2 seconds. Turn back to the LOCK position and remove key.
6. Insert the first pre-programmed key and start the car. The security light should stay lit for between 1 and 2 seconds. Turn back to the LOCK position and remove key.
7. Insert the next pre-programmed key or a new key and start the car. The security light should stay lit for between 1 and 2 seconds. Turn back to the LOCK position and remove key. Repeat for any further additional keys, up to 8 maximum in total.
8. Stop if you have no more keys, and wait 30 seconds for the car to exit programming mode.

HOW TO ENTER THE CODEWORD (PASSWORD)

The Codeword can be obtained by inserting the serial number from the Immobiliser ECU into the Mazda Code program on the tester. The codeword is 8 digits. (For this procedure we will use : 23234223)

1. Before you start, the security light on the dash should be flashing on and off for 1.2 seconds each for ON and OFF.
2. Turn the ignition key to the ON position while the security light is not illuminated. Count the illumination flashes 2 times while the light is not illuminated and turn the key to the lock position.
3. Within 30 seconds of turning the key to the LOCK position, turn the ignition key to the ON position while the security light is not illuminated. Count the illumination flashes 3 times while the light is not illuminated and turn the key to the lock position.

- 4 Within 30 seconds of turning the key to the LOCK position, turn the ignition key to the ON position while the security light is not illuminated. Count the illumination flashes 2 times while the light is not illuminated and turn the key to the lock position.
- 5 Within 30 seconds of turning the key to the LOCK position, turn the ignition key to the ON position while the security light is not illuminated. Count the illumination flashes 3 times while the light is not illuminated and turn the key to the lock position.
- 6 Within 30 seconds of turning the key to the LOCK position, turn the ignition key to the ON position while the security light is not illuminated. Count the illumination flashes 4 times while the light is not illuminated and turn the key to the lock position.
- 7 Within 30 seconds of turning the key to the LOCK position, turn the ignition key to the ON position while the security light is not illuminated. Count the illumination flashes 2 times while the light is not illuminated and turn the key to the lock position.
- 8 Within 30 seconds of turning the key to the LOCK position, turn the ignition key to the ON position while the security light is not illuminated. Count the illumination flashes 2 times while the light is not illuminated and turn the key to the lock position.
- 9 Within 30 seconds of turning the key to the LOCK position, turn the ignition key to the ON position while the security light is not illuminated. Count the illumination flashes 3 times while the light is not illuminated and turn the key to the lock position.
- 10 If you have entered the code correctly the security light will stop flashing and stay illuminated. If a mistake has been made, wait 45 seconds and try again.

NOTE 1 : The ignition key should not be turned ON twice within one non illumination cycle.

NOTE 2 : The ignition key should not be turned ON during an illumination cycle.

NOTE 3 : The ignition key should not be turned to LOCK twice within one illumination cycle.

626

1. Make sure the drivers side door is open.
2. Turn Ignition ON, and then back OFF.
3. Remove the key , and then repeat steps 1-2 2 more times.
4. Press the light switch that operates the courtesy light on the drivers door A post, and make sure the light goes out. Repeat this 2 times.
5. When the car makes a beep sound, press the Lock button on the remote control 2 times, the car should make a beep sound.
6. Repeat for additional remote.

2004 Mazda 3

Procedure

1. Open driver side door and leave open.
2. Lock and Unlock the drivers door using the power door lock switch on the door.
3. Insert key into the ignition.
4. Turn Key to ON position and return to Lock (off) position. Do this 3 times within 10 seconds. LEAVE key in the ignition in Lock (off) position.
5. Close and open the drivers door 3 times. Leave door open after this step
6. ECU should respond by locking and unlocking the doors once.
7. Press any button on remote #1 twice. ECU responds by locking and unlocking the car doors.
8. Additional remotes, repeat Step 7 for up to 3 remotes total.
9. Remove the key from the ignition and the ECU will respond a final time with a series (about four) of door locks and unlocks. Procedure complete.