

ADVANCED DIAGNOSTICS

Unlocking Technology

MAZDA

(Version 3.3)



World Leaders In Automotive Key Programming Equipment

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InfoQuest

Vehicle Data Search

Applications are continually updated as vehicles are constantly added.

To ensure you have the very latest information, the applications list is available via Info Quest - an online portal containing vehicle technical data for key & remote programming for all manufacturers.

To view the latest vehicle applications please visit Info Quest at

<http://iq.advanced-diagnostics.com>

Mazda Software	
ADS100	Mazda
ADS155	Mazda PATS 5 CAN
ADS133	Mazda CAN
ADS162	Mazda CAN / PROX
ADS190	Mazda Parameter Reset 2012
ADS225	Mazda 2014

DIAGNOSTIC SOCKETS/PORTS

B

MAZDA



323



XEDOS



626



PREMACY



323



AIRTREK



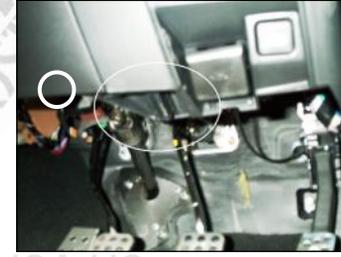
ALTENZA



FAMILIA



LANTIS



RX-8



MAZDA 5



MAZDA 2 & 3

DIAGNOSTIC SOCKETS/PORTS

B

MAZDA



CX7



MX5

WWW.ADUSA.US

WWW.ADVANCED-DIAGNOSTICS.CO.UK

WWW.ADUSA.US



SPECIAL FUNCTIONS

MAZDA - PATS 4 CAN

PROGRAM KEYS

VEHICLE SELECTION

- + AUDI
- + CHRYSLER
- + FORD**
- + GMUSA
- + HONDA
- + HYUNDAI

PROGRAM KEYS

TIMED ACCESS

CLEAR TIME 10:00
KEYS PROGRAMMED : 2

PRESS ENTER KEY

ADD KEY

DIAGNOSTIC MENU

- CLEAR PATS
- KEYS PROGRAMMED
- ADD KEY**

PRESS ENTER KEY

VEHICLE SELECTION

- + AUS
- + EURO
- + USA**

CLEAR PATS KEY
GAINING ACCESS
TIME REQUIRED : 10:00
TIME ELAPSED : 0:00
ACCESS STATUS
IN PROGRESS
BACK TO ABOUT

TIMED ACCESS

CLEAR TIME 10:00
KEYS PROGRAMMED : 2

PRESS ENTER KEY

VEHICLE SELECTION

- + PATS 3 CAN
- + PATS 4 CAN
- + PATS 1
- + PATS 2**
- + PCM

PRESS ENTER KEY

PROGRAM KEYS
DISCONNECT TESTER
FROM VEHICLE
CYCLE KEYS
TO PROGRAM

CLEAR PATS KEY
GAINING ACCESS
TIME REQUIRED : 10:00
TIME ELAPSED : 0:00
ACCESS STATUS
IN PROGRESS
BACK TO ABOUT

ECU IDENTIFICATION

PATS

PRESS ENTER KEY

NOTE : AFTER THE SYSTEM HAS BEEN CLEARED .

NOTE : INSERT FIRST KEY AND TURN IGNITION ON FOR 5 SECONDS, THEN REMOVE AND INSERT THE SECOND KEY FOR 5 SECONDS. REPEAT FIRST KEY AGAIN. THEN TEST KEYS.

KEY PROGRAMMED

DISCONNECT TESTER
FROM VEHICLE

DIAGNOSTIC MENU

- ECU IDENTIFICATION
- FAULT CODES
- SPECIAL FUNCTIONS**

PRESS ENTER KEY

DIAGNOSTIC MENU

- CLEAR PATS**
- KEYS PROGRAMMED
- ADD KEY

PRESS ENTER KEY



SPECIAL FUNCTIONS

MAZDA - PATS 5 CAN

PROGRAM KEYS

VEHICLE SELECTION

- + AUDI
- + CHRYSLER
- + FORD**
- + GMUSA
- + HONDA
- + HYUNDAI

PROGRAM KEYS

PLEASE WAIT
APPROX TIME : 10 : 00
00 m 02 s

PRESS ENTER KEY

ADD KEY

DIAGNOSTIC MENU

CLEAR PATS
KEYS PROGRAMMED
ADD KEY

PRESS ENTER KEY

VEHICLE SELECTION

- + AUS
- + EURO
- + USA**

PROGRAM KEYS

DISCONNECT TESTER
FROM VEHICLE
CYCLE KEYS
TO PROGRAM

PLEASE WAIT
APPROX TIME : 10 : 00
00 m 02 s

PRESS ENTER KEY

VEHICLE SELECTION

- + PATS 4 CAN
- + PATS 5 CAN**
- + PATS 1
- + PATS 2
- + PCM

PRESS ENTER KEY

NOTE : AFTER THE SYSTEM HAS BEEN CLEARED .

NOTE : INSERT FIRST KEY AND TURN IGNITION ON FOR 5 SECONDS, THEN REMOVE AND INSERT THE SECOND KEY FOR 5 SECONDS. REPEAT FIRST KEY AGAIN. THEN TEST KEYS.

SUCCESS

ECU IDENTIFICATION

PATS 5 CAN

PRESS ENTER KEY

DIAGNOSTIC MENU

ECU IDENTIFICATION
FAULT CODES
SPECIAL FUNCTIONS

PRESS ENTER KEY

DIAGNOSTIC MENU

CLEAR PATS
KEYS PROGRAMMED
ADD KEY

PRESS ENTER KEY

SPECIAL FUNCTIONS

MAZDA PATS 3 CAN (CODED)

KEY PROGRAMMING

VEHICLE SELECTION

- + FORD
- + GM (USA)
- + GM / OPEL
- + HONDA / ACURA
- + HYUNDAI
- + MAZDA

KEY PROGRAMMING

DIAGNOSTIC MENU

- CLEAR / ERASE PATS
- ADD KEY
- KEYS PROGRAMMED

KEY PROGRAMMING

PROGRAM KEYS

- DISCONNECT TESTER
- FROM VEHICLE
- CYCLE KEYS TO PROGRAM

VEHICLE SELECTION

- MAZDA 2
- MAZDA 3
- MAZDA 6
- MAZDA CX7

KEYS PROGRAMMED 2

PRESS ENTER KEY

CYCLE A MIN OF 2 KEYS.

VEHICLE SELECTION

- 98 > 04
- 05 >

DIAGNOSTIC MENU

- CLEAR / ERASE PATS
- KEYS PROGRAMMED
- ADD KEY

SWITCH IGNITION ON

PRESS ENTER KEY

MIN KEYS REQUIRED: 2
CODED ACCESS

PRESS ENTER KEY

ECU IDENTIFICATION

05 FOCUS PATS 3 CAN
(P.C.M)

PRESS ENTER KEY

ACCESS GRANTED

DIAGNOSTIC MENU

- ECU IDENTIFICATION
- FAULT CODES
- ACTUATORS
- > SPECIAL FUNCTIONS

1
IF THE FIRST CODE FAILS. THEN
THE PROCEDURE NEEDS TO BE
REPEATED UPTO 12 TIMES.

BETWEEN EACH CODE
DISCONNECT TESTER AND CYCLE
IGNITION 6 TIMES,

SPECIAL FUNCTIONS

MAZDA CODE CONVERTER

KEY PROGRAMMING

VEHICLE SELECTION

- MAZDA
- MITSUBISHI
- NISSAN
- TOYOTA
- SEAT
- VOLKSWAGEN

VEHICLE SELECTION

- MAZDA 2
- MAZDA 3
- MAZDA 6
- MX5
- MAZDA RX8
- MAZDA CODE

MAZDA CODE CONVERTER

PRESS ENTER KEY

SECURITY CODE

1	2	3	4	5
6	7	8	9	0

SECURITY CODE

1234567812345678

x

✓

MAZDA MECS

SER No.
620-114-9030
PIN CODE : 4658-2257

PRESS ENTER KEY

NOTE : THE MAZDA CODE WILL ONLY CONVERT LUCAS TYPE IMMOBILISER UNITS AS SHOWN.

THE NUMBER REQUIRED TO CONVERT IS HIGHLIGHTED BELOW.



TO PROGRAM KEYS USING THIS CODE, FOLLOW PROCEDURE ON THE NEXT PAGE.

SPECIAL FUNCTIONS

MAZDA CODE CONVERTER

KEY PROGRAMMING

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

- Notes:**
- 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.
 - You must use a factory key to program, you cannot use aftermarket keys for this procedure
- Cut the mechanical cuts on each new transponder key.
 - 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.
 - 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.
 - 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.
 - Within 20 seconds, enter the CODEWORD (Password). NOTE : SEE HOW TO ENTER CODEWORD under the Mazda code converter section.
 - When you have entered the code word, the security light should remain ON and not flash.
 - The car should now start. Start the car and the security light should stay lit for between 1 and 2 seconds.
 - 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.
 - Stop if you have no more keys, and wait 30 seconds for the car to exit programming mode.

PROCEDURE FOR 2 OR MORE PREPROGRAMMED KEYS

- Cut the mechanical cuts on each new transponder key.
- 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.
- Turn the first pre-programmed key back to the ON position, the security light should stay ON.
- Turn the first key back to the LOCK position.
- 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.
- 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.
- 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.
- 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 Code word can be obtained by inserting the serial number from the Immobiliser ECU into the Mazda Code program on the tester. The code word is 8 digits. (For this procedure we will use : 23234223)

- Before you start, the security light on the dash should be flashing on and off for 1.2 seconds each for ON and OFF.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

- Notes:**
- The ignition key should not be turned ON twice within one non illumination cycle.
 - The ignition key should not be turned ON during an illumination cycle.
 - The ignition key should not be turned to LOCK twice within one illumination cycle.

SPECIAL FUNCTIONS

MAZDA 2014—ADS225

Key Programming

Mazda ADS225 features a security code bypass Function/
visit IQ for full list of applications

Mazda have a range of Smart keys depending on vehicle specification .

Ensure the correct key is used

Programming a smart key of different configuration will cause a fault to be displayed in the vehicle



Two keys are required if using the clear & program function

Can be used for a lost key situation

Add key function available

Only one token is required if using MVPPRO

VEHICLE SELECTION

MAZDA

MITSUBISHI

NISSAN

TOYOTA

SEAT

VOLKSWAGEN

HAZARDS ON / IGNITION OFF

PRESS ENTER KEY

VEHICLE SELECTION

+ AFRICA

+ ASIA

+ AUSTRALIA

+ EUROPE

+ MIDDLE EAST

+ NORTH AMERICA

ECU IDENTIFICATION

MAZDA PROXIMITY

PRESS ENTER KEY

VEHICLE SELECTION

121

+ 2

+ 3

323

+ 6

+ CX - 5

DIAGNOSTIC MENU

ECU IDENTIFICATION

SPECIAL FUNCTIONS

PRESS ENTER KEY

VEHICLE SELECTION

+ 2013—2015

VEHICLE SELECTION

PROXIMITY



SPECIAL FUNCTIONS

MAZDA 2014—ADS225

FORCED IGNITION PROCEDURE

DIAGNOSTIC MENU

+ FORCE IGNITION ON

CLEAR / PROGRAM PROX

ADD PROX

CLEAR & PROGRAM PROX KEYS

DIAGNOSTIC MENU

FORCE IGNITION ON

+ CLEAR / PROGRAM PROX

ADD PROX

PREVIOUSLY USED KEYS
CAN BE REUSED IF
ERASED

FORCE IGNITION IS
REQUIRED IN A LOST
KEY SITUATION

CLEAR / PROGRAM PROX

ENSURE THAT IGNITION IS ON . IF ALL
KEYS LOST THEN USE FORCE
IGNITION FUCTION.
MINIMUM OF 2 KEYS REQUIRED TO
CLEAR THE KEYS .
DO YOU WANT TO CONTINUE ?

X

✓

CLEAR / PROGRAM PROX

DO YOU WANT TO BYPASS THE
SECURITY? IF NO DEALER OR NASTF
CODE REQUIRED

X

✓

FORCE IGNITION

PRESS AND RELEASE
START / STOP BUTTON

PRESS ENTER KEY

CLEAR / PROGRAM PROX

ENSURE THAT THE KEYS HAVE THE
SAME KEY CONFIGURATION AS THE
ORIGINAL. FAILURE TO DO THIS WILL
CAUSE A VEHICLE FAULT.
DO YOU WANT TO CONTINUE?

X

✓

CLEAR / PROGRAM PROX

PLEASE WAIT
SECURITY ACCESS IN PROGRESS
THIS MAY TAKE 3 MINUTES

FORCE IGNITION

WAIT FOR LIGHT ON
START / STOP BUTTON TO TURN
ORANGE THEN PRESS AND RELEASE
START / STOP BUTTON
IGNITION SHOULD TURN ON

PRESS ENTER KEY

KEYS PROGRAMMED

KEYS PROGRAMMED : 02

PRESS ENTER KEY

CLEAR / PROGRAM PROX

SECURITY BYPASSED

PRESS ENTER KEY

CLEAR KEYS

ALL KEYS WILL BE CLEARED
CONTINUE?

X

✓

PROGRAM PROX

PLEASE WAIT

KEYS PROGRAMMED : 0 0



SPECIAL FUNCTIONS

MAZDA 2014—ADS225

CLEAR & PROGRAM PROX KEYS

PROGRAM PROX

PRESS THE START / STOP
BUTTON TO SWITCH IGNITION OFF

PRESS ENTER KEY

PROGRAM PROX

DO NOT PRESS THE BRAKE.

PRESS THE START / STOP BUTTON
TO TURN THE IGNITION ON.

WITHIN 10 SECONDS, HOLD THE **1ST**
PROX OVER THE START / STOP

BUTTON WITH THE MAZDA LOGO
FACING OUT.

START / STOP BUTTON WILL

INDICATE GREEN WHEN KEY IS
PROGRAMMED

PROGRAM PROX

KEYS PROGRAMMED: 01

PRESS THE START / STOP BUTTON
TO SWITCH IGNITION OFF

PRESS ENTER KEY

PROGRAM PROX

DO NOT PRESS THE BRAKE.

PRESS THE START / STOP BUTTON
TO TURN THE IGNITION ON.

WITHIN 10 SECONDS, HOLD THE **2ND**
PROX OVER THE START / STOP

BUTTON WITH THE MAZDA LOGO
FACING OUT.

START / STOP BUTTON WILL

INDICATE GREEN WHEN KEY IS
PROGRAMMED

PROGRAM PROX

KEYS PROGRAMMED: 02

PRESS THE START / STOP BUTTON
TO SWITCH IGNITION OFF.

WAIT FOR 10 SECONDS

PRESS ENTER KEY

PROGRAM PROX

TO COMPLETE THE PROCEDURE,
START THE ENGINE WHILE HOLDING

EACH PROX TO THE
START / STOP BUTTON

PRESS ENTER KEY

THIS MUST BE DONE FOR
EACH KEY TO
SYNCRONISE PROXIMITY
FUNCTION

ADD PROX KEYS

DIAGNOSTIC MENU

FORCE IGNITION ON

CLEAR / PROGRAM PROX

+ ADD PROX

ADD PROX

ENSURE THAT IGNITION IS ON . IF ALL
KEYS LOST THEN USE FORCE
IGNITION FUCTION.

A MAXIMUM OF 6 KEYS ARE
ALLOWED.

DO YOU WANT TO CONTINUE ?



ADD PROX

ENSURE THAT THE NEW KEY HAS
THE SAME KEY CONFIGURATION AS
THE ORIGINAL. FAILURE TO DO THIS
WILL CAUSE A VEHICLE FAULT.

DO YOU WANT TO CONTINUE?



ADD PROX

PLEASE WAIT

SECURITY ACCESS IN PROGRESS

THIS MAY TAKE 3 MINUTES

ADD PROX

SECURITY BYPASSED

PRESS ENTER KEY



SPECIAL FUNCTIONS

MAZDA 2014—ADS225

ADD PROX KEYS

ADD PROX
 PRESS THE BRAKE (AT) CLUTCH (MT) PEDAL.
 HOLD THE PROX KEY OVER THE START / STOP BUTTON WITH THE MAZDA LOGO FACING YOU.
 START / STOP BUTTON WILL INDICATE GREEN WHEN KEY IS PROGRAMMED
PRESS ENTER KEY

ADD PROX WITH DEALER CODE

DIAGNOSTIC MENU
 FORCE IGNITION ON
 CLEAR / PROGRAM PROX
+ ADD PROX

SYSTEM DETAILS
 VIN : JMZKEN93600434270
 PART NO: SH12—18871
 SERIAL NO: 9999
 ECU CODE: 647C82
 ERROR CONTROL CODE: 4BDF7
PRESS ENTER KEY

ADD PROX

KEYS PROGRAMMED: 03
 DO YOU WANT TO PROGRAM ANOTHER KEY?



ADD PROX

ENSURE THAT IGNITION IS ON . IF ALL KEYS LOST THEN USE FORCE IGNITION FUCTION.
 A MAXIMUM OF 6 KEYS ARE ALLOWED.
 DO YOU WANT TO CONTINUE ?



IN CODE

1	2	3	4	5
6	7	8	9	0

ADD PROX

PRESS THE START / STOP BUTTON TO TURN THE IGNITION OFF

PRESS ENTER KEY

ADD PROX

ENSURE THAT THE NEW KEY HAS THE SAME KEY CONFIGURATION AS THE ORIGINAL. FAILURE TO DO THIS WILL CAUSE A VEHICLE FAULT.
 DO YOU WANT TO CONTINUE?



IN CODE

1234



PROGRAM PROX

TO COMPLETE THE PROCEDURE, START THE ENGINE WHILE HOLDING EACH PROX TO THE START / STOP BUTTON

PRESS ENTER KEY

ADD PROX

DO YOU WANT TO BYPASS THE SECURITY? IF NO DEALER OR NASTF CODE REQUIRED



ADD PROX

PRESS THE BRAKE (AT) CLUTCH (MT) PEDAL.
 HOLD THE PROX KEY OVER THE START / STOP BUTTON WITH THE MAZDA LOGO FACING YOU.
 START / STOP BUTTON WILL INDICATE GREEN WHEN KEY IS PROGRAMMED
PRESS ENTER KEY

THIS MUST BE DONE FOR EACH KEY TO SYNCRONISE PROXIMITY FUNCTION

SELECT X TO USE DEALER OR NASTF CODE

SPECIAL FUNCTIONS

MAZDA 2014—ADS225

ADD PROX WITH DEALER CODE

ADD PROX

KEYS PROGRAMMED : 03

DO YOU WANT TO PROGRAM
ANOTHER KEY?



ADD PROX

PRESS THE START / STOP
BUTTON TO TURN THE IGNITION OFF

PRESS ENTER KEY

PROGRAM PROX

TO COMPLETE THE PROCEDURE,
START THE ENGINE WHILE HOLDING
EACH PROX TO THE
START / STOP BUTTON

PRESS ENTER KEY

REMOTE PROGRAMMING



626 (95 TO 97) Mx-6 (95 TO 97)

1. Close all doors.
2. Open drivers door.
3. The following steps must be completed within 180 seconds
 - Insert ignition key & turn ON & back to LOCK position. Remove key.
 - Repeat 3 times.
 - Press & release driver's courtesy light switch 3 times.
 - A single beep should be heard. If not repeat procedure from the start.
4. Complete each of the following steps within 15 sec of step 3.
 - Press any button of each remote twice.
 - A single beep should be heard after the first & second remote.
 - A double beep should be heard after the third remote. If not repeat procedure
5. Wait 15 seconds & ensure 4 beeps are heard. If not, repeat procedure.

Notes: a. A maximum of 3 remotes can be programmed.
b. Any existing remotes will need re-programming

626 (98 to 03)

1. Close all doors.
2. Open drivers door.
3. The following steps must be completed within 24 seconds
 - Insert ignition key & turn ON & back to LOCK position. Remove key.
 - Repeat 3 times.
 - Press & release driver's courtesy light switch 3 times.
 - A single beep should be heard. If not, wait 40 sec & repeat procedure starting with the driver's door open.
4. If only 1 remote is required:
 - Press any button twice.
 - A single beep should be heard.
 - Press any button twice.
 - A single beep should be heard.
 - Press any button twice.
 - A double beep should be heard. If not, repeat the procedure.
5. If 2 remotes are required:
 - Press any button twice on the first remote.
 - A single beep should be heard.
 - Press any button twice on the second remote.
 - A single beep should be heard.
 - Press any button twice on the second remote.
 - A double beep should be heard. If not, repeat the procedure.
6. If 3 remotes are required:
 - Press any button twice on the first remote.
 - A single beep should be heard.
 - Press any button twice on the second remote.
 - A single beep should be heard.
 - Press any button twice on the third remote.
 - A double beep should be heard. If not repeat the procedure.
7. Press & release driver's courtesy light switch 3 times.
 - A double beep should be heard. If not wait 40 sec & repeat procedure starting with the driver's door open.

Notes: a. A maximum of 3 remotes can be programmed.
b. Any existing remotes will need re-programming

REMOTE PROGRAMMING



929

(94 to 95)

Millenia

(95 to 00)

Procedure 1 (94 to 98)

1. Close all doors.
2. Open drivers door.
3. The following steps must be completed within 180 seconds
 - Insert ignition key & turn ON & back to LOCK position. Remove key.
 - Repeat 3 times.
 - Press & release driver's courtesy light switch 3 times.
 - A single beep should be heard. If not, repeat procedure from the start.
4. If only 1 remote is required:
 - Press any button twice.
 - A single beep should be heard.
 - Wait 15 seconds, ensure 4 beeps are heard. If not, repeat the procedure from the start.
5. If 2 remotes are required:
 - Press any button twice on the first remote.
 - A single beep should be heard.
 - Press any button twice on the second remote.
 - A single beep should be heard.
 - Wait 15 seconds, ensure 4 beeps are heard. If not, repeat the procedure from the start.
6. If 3 remotes are required:
 - Press any button twice on the first remote.
 - A single beep should be heard.
 - Press any button twice on the second remote.
 - A single beep should be heard.
 - Press any button twice on the third remote.
 - A double beep should be heard. If not, repeat the procedure from the start.

- Notes:**
- a. A maximum of 3 remotes can be programmed.
 - b. Any existing remotes will need re-programming

Procedure 2 (99 to 00)

1. Close all doors.
2. Open drivers door.
3. The following steps must be completed within 140 seconds
 - Insert ignition key & turn ON & back to LOCK position. Remove key.
 - Repeat 3 times.
 - Press & release driver's courtesy light switch 3 times.
 - A single beep should be heard. If not, wait 220 seconds and repeat procedure starting with the driver's door open.
4. If only 1 remote is required:
 - Press any button twice.
 - A single beep should be heard.
 - Wait 150seconds, ensure 4 beeps are heard. If not, repeat the procedure from the start.
5. If 2 remotes are required:
 - Press any button twice on the first remote.
 - A single beep should be heard.
 - Press any button twice on the second remote.
 - A single beep should be heard.
 - Wait 10 seconds, ensure 4 beeps are heard. If not, repeat the procedure from the start.
6. If 3 remotes are required:
 - Press any button twice on the first remote.
 - A single beep should be heard.
 - Press any button twice on the second remote.
 - A single beep should be heard.
 - Press any button twice on the third remote.
 - A double beep should be heard. If not, repeat the procedure from the start.

- Notes:**
- a. A maximum of 3 remotes can be programmed.
 - b. Any existing remotes will need re-programming

REMOTE PROGRAMMING



B Series (95 to 97)

1. Insert ignition key
2. Within 10 secs, turn from ON & OFF 5 times ending in the ON position.
3. Ensure doors lock & unlock to confirm programming mode is active.
4. If not repeat steps 1-3.
5. Press any button of each remote once.
6. Ensure doors lock & unlock after each remote is pressed. If not wait a few secs and press the remote button again
7. Switch ignition OFF or wait 5 mins to exit programming mode
8. Ensure doors lock & unlock to confirm programming.

- Notes:
- a. A maximum of 4 remotes can be programmed.
 - b. Any existing remotes will need re-programming

B Series (98 to 06)

1. Insert ignition key
2. Within 10 secs, turn from ON & OFF 8 times ending in the ON position.
3. Ensure doors lock & unlock to confirm programming mode is active.
4. If not repeat steps 1-3.
5. Within 20 sec, press any button of each remote twice.
6. Ensure doors lock & unlock after each remote is pressed. If not wait a few secs and press the remote button again
7. Switch ignition OFF or wait 20 secs to exit programming mode
8. Ensure doors lock & unlock to confirm programming.

- Notes:
- a. A maximum of 4 remotes can be programmed.
 - b. Any existing remotes will need re-programming

Millenia (01 to 02)

1. Close all doors.
2. Open drivers door.
3. The following steps must be completed within 24 seconds
 - Insert ignition key & turn ON & back to LOCK position. Remove key.
 - Press & release driver's courtesy light switch 3 times.
 - Ensure doors lock & unlock. If not, wait 40 sec & repeat procedure starting with the driver's door open.
4. Press any button of each remote twice.
5. Ensure doors lock & unlock after each remote is pressed. If not:
 - Press & release driver's courtesy light switch once.
 - Ensure doors lock & unlock twice.
 - Repeat procedure starting with driver's door already open.

MPV (94 to 95)

Procedure

1. Switch ignition ON.
2. Press reset switch on central locking timer control for min of 3 sec.
3. Ensure doors lock & unlock.
4. Press either remote button twice.
5. Ensure doors lock & unlock once. If not press remote again.
6. If doors lock & unlock twice repeat complete procedure.
7. If a second remote is required repeat step 4-6 within 15 sec. If only one remote is required then wait 15 sec.
8. Ensure doors lock & unlock twice. If only once, repeat complete procedure.
9. Switch ignition off & remove key.

- Notes:
- a. Any existing remotes will need re-programming

REMOTE PROGRAMMING

D

MPV (96 to 99)

Procedure 1 (96 to 97)

1. Close all doors.
2. Open drivers door.
3. The following steps must be completed within 30 seconds
 - Insert ignition key & turn ON & back to LOCK position. Remove key.
 - Repeat 3 times.
 - Press & release driver's courtesy light switch 3 times.
 - A single beep should be heard. If not, wait 30 sec & repeat procedure
4. The following steps should be completed within 5 seconds.
 - Press any button on each remote twice.
 - A single beep should be heard after each button is pressed.
 - If not, wait 5 sec and repeat procedure from the start.
 - Wait 5 seconds, ensure 4 beeps are heard. If not, repeat the procedure from the start.

Procedure 1 (98)

1. Close all doors.
2. Open drivers door.
3. The following steps must be completed within 30 seconds
 - Insert ignition key & turn ON & back to LOCK position. Remove key.
 - Repeat 3 times.
 - Press & release driver's courtesy light switch 3 times.
 - A single beep should be heard. If not, wait 40 sec & repeat procedure
4. Press any button on the first remote twice.
5. A single beep should be heard.
4. If only 1 remote is required:
 - Press any button 3 times.
 - A single beep should be heard.
5. If 2 remotes are required:
 - Press any button twice on the first remote.
 - A single beep should be heard.
 - Press any button once on the second remote.
 - A single beep should be heard.
6. If 3 remotes are required:
 - Press any button once on each remote.
 - A single beep should be heard after each press.
7. System will exit programming mode once all three memory locations are programmed.

- Notes:
- a. A maximum of 3 remotes can be programmed.
 - b. Any existing remotes will need re-programming

MPV	(00 to 06)	MX-5 Miata	(01 to 06)
Protégé	(99 to 03)	Protégé5	(02 to 03)

1. Close all doors.
2. Open drivers door.
3. The following steps must be completed within 140 seconds
 - Insert ignition key & turn ON & back to LOCK position. Remove key.
 - Repeat 3 times.
 - Press & release driver's courtesy light switch 3 times.
 - A single beep should be heard. If not, wait 40 seconds and repeat procedure starting with the driver's door open.
4. Press any button on each remote twice.
5. Ensure doors lock & unlock after each remote is pressed. If not:
 - Press & release driver's courtesy light switch once.
 - Ensure doors lock & unlock twice.
 - Repeat procedure starting with driver's door already open.

REMOTE PROGRAMMING



Tribute (01 to 06)

1. Insert ignition key
2. Within 10 secs, turn from ON & OFF 8 times ending in the ON position.
3. Ensure doors lock & unlock to confirm programming mode is active.
4. Within 7.5 seconds
 - Press any button on the first remote.
 - Ensure doors lock & Unlock.
5. Within 7.5 seconds
 - Press any button on the second remote.
 - Ensure doors lock & Unlock.
6. Within 7.5 seconds
 - Press any button on the third remote.
 - Ensure doors lock & Unlock.
7. Within 7.5 seconds
 - Press any button on the fourth remote.
 - Ensure doors lock & Unlock.
8. If not wait a few sec and press remote again.
9. Wait 5 mins or switch off ignition to exit programming mode.
10. Ensure doors Lock & Unlock as confirmation of correct programming.

- Notes:**
- a. A maximum of 4 remotes can be programmed.
 - b. Any existing remotes will need re-programming

Mazda 5

1. Max number of remotes is three.
2. Remove key
3. Close all doors
4. Open drivers door
5. Turn ignition ON and OFF three times
6. Close and open drivers door three times
7. Doors should lock and unlock
8. Press UNLOCK on each transmitter to be coded
9. Ensure doors lock and unlock after each remote is pressed - if not press and release the courteously light switch and repeat button press.

Mazda 2 (possibly Mazda 3 as well)

1. Open the driver's door.
2. Lock and unlock doors using the switch in the centre console - (all doors MUST be unlocked)
3. Switch Ignition ON & back to the OFF position quickly 3 times, finish with the key in the OFF position & the leave the key in the ignition.
4. Now close and open the driver's door 3 times and on the 3rd time leave the door open. You should hear all doors lock and unlock - you now have twenty seconds to complete the following.
5. Now press the lock button twice on the remote key in the ignition (the door locks should respond)
6. Now click the lock button twice on any new remote (the door locks should respond)
7. Remove the key from the ignition to end the programming session. If it did not work, check the part number of the keys and wait two minutes before restarting the procedure from the beginning

Mazda 3

1. Insert key into ignition
2. Close and open driver's door
3. Turn ignition on and off 3 times
4. Do not remove the key
5. Open and close the driver's door 3 times and leave it open
6. Door locks will cycle
7. Press the remote button 2 times
8. Door locks will cycle
9. Repeat above for additional remotes

PRECAUTIONS

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IMPORTANT : PLEASE ENSURE ALL PRECAUTIONS ARE OBSERVED AS INDICATED AT THE FRONT OF THE OPERATING MANUAL.

IN PARTICULAR : For vehicles fitted with STOP/START technology, the battery leads must not be shorted together when the battery is disconnected as this can lead to damage to the car and potential personal injury.

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