FTI-MAP2: Vehicle Coverage and Preparation Notes

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Make	Model	Year	Install	CAN	Lights	BCM	LFCM	I/O Changes
AL-MA6 Mazda	CX-50 PTS AT	2023	Type 1	32-Pin	**Park / Auto** Switch	DKP	PKP	**Green White/Blue** N/A

This install requires **BLADE-AL(AL)-MA6**, firmware and the following required accessories, Weblink Hub & ACC RFID1. Flash module, and update the controller firmware. ***Please follow the directions for RFID programming before attempting to program the BLADE module to the vehicle.***

CAN: Type 1 CAN connections are made at the vehicle BCM using the 32-pin connector, no further connections required.

Lights: Parking and auto-light connections are made through the harness 12-pin connector at the rear of the headlight switch assembly. Replace the green/white wire of the CM I/O connector with the pre-terminated green/white wire of the harness.

LFCM 32-Pin Connector (removeable): The FTI-MAP2 T-harness has been designed with a removeable 32-pin connector to facilitate an easier installation, by removing the connector bulk while running wires to the passenger kick panel. Please ensure that the 4-pin connectors are securely fastened, to avoid malfunction.

ACC-RFID1 (REQUIRED): MA6 firmware does not provide immobilizer data, an ACC-RFID1 is therefore required for remote start.

Advisory 1: Program ACC-RFID1 before attempting to program the BLADE module to the vehicle.

Advisory 2: Secure the 4-pin connectors of the removeable 32-pin connector to the adjacent RFID harness body.

FTI-MAP2: Installation and Configuration Notes

A   **REQUIRED ACCESSORY**

B   **SECURE 4-PIN CONNECTION**

C   **REQUIRED CONNECTION**

Cut Loop For A/T

CMX

CMX High Current Programmable Default (+) Output Channel Settings
HCP #1 - Parking Light
HCP #2 - Accessory
HCP #3 - Ignition

[2] 2ND START
[3] 2ND IGNITION
[4] 2ND ACCESSORY

CM900S/AS

IGN

FEATURE COVERAGE																
○	○	○	○	○	○			○	○		○	○	○		○	
IMMOBILIZER DATA ACC-RFID1 REQUIRED	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	A/M ALARM CTRL FROM OEM REMOTE	A/M RS CTRL FROM OEM REMOTE			DOOR STATUS	TRUNK STATUS		BRAKE STATUS	E-BRAKE STATUS	TACH OUTPUT		SECURE TAKEOVER	

BLADE

PWR

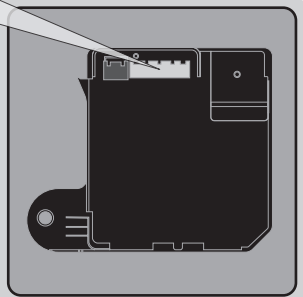**C**

MAP 2

B

RFID

A

Body Control Module
(Driver Kick Panel) **1**

Headlight Switch Assembly
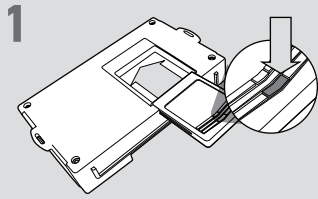(Steering Column) **2**

Rear of assembly
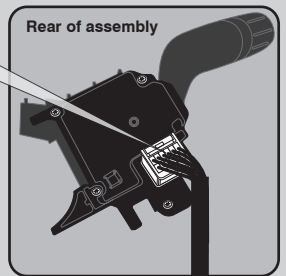
LF Control Module
(Passenger Kick Panel) **3**
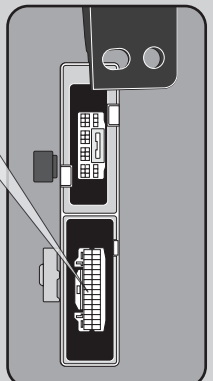
LED Programming Error Codes
Module LED flashing RED during programming

1x No CAN activity. Check the CAN wire connections.
2x Ignition never turns ON. Check the ignition connection.
3x No VIN detected. Check the CAN wire connections.
4x No unlock command detected. Press unlock on OEM fob.
5x Key not held up to push button backup reader or unable to validate immobilizer data. Make sure to use the same key as Klon to turn ignition ON, check immo data connection.
6x Invalid klon data. Reset and relearn module from step 1, if problem persist contact tech support.

INSTALL GUIDE

BLADE
SERIES

ALL IN ONE
MAZDA

Patent No. US 8,856,780 CA 2759622

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COM-BLADE-AL(AL)-MA6-EN

Doc. No.: ##81898## 20230411

CARTRIDGE INSTALLATION

1 Slide cartridge into unit. Notice button under LED.

2 Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE - PUSH TO START

1 For this installation, the Weblink HUB is required.

2 Remove OEM keyfob 1 from keychain.

! Place all other keyfobs at least 1 foot away from the Weblink HUB. Failure to comply may result in damage to other keyfobs or interfere with the keyfob reading process.

3 Flash the module using the Weblink HUB. Follow the on screen instructions to complete the keyfob reading process.
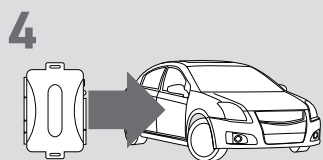
4 WARNING:
Do not press the module programming button.
Connect power first.
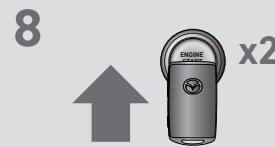Connect module to vehicle.
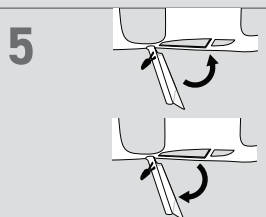
5 Close driver door.

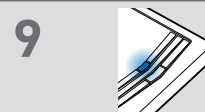Re-open driver door to wake up data bus.

6 x1 Press Unlock on keyfob 1.
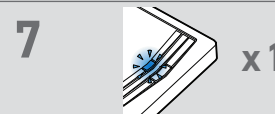
7 x 1 Wait, LED will flash BLUE once [1x].

8 x2 **DO NOT PRESS BRAKE PEDAL**

Do not press brake pedal. Using keyfob 1, push the tip of the keyfob against the start button twice [2x] to turn ignition ON.

9 Wait, LED will turn solid BLUE for **2 seconds** .

10 x1 **DO NOT PRESS BRAKE PEDAL**

Push start button once [1x] to OFF position.

! If the vehicle is equipped with a power liftgate: Open and close the power liftgate with the OEM keyfob.

11 Module Programming Procedure completed.