FTI-MAP1: Vehicle Coverage and Preparation Notes

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Make	Model	Year	Install	CAN	Lights	Clutch 1	Clutch 2	I/O Changes	
DL-MA3					Park / Auto			Green White/Blue	
Mazda	CX-5 PTS SUV AT	2021-22	Type 1	SSU	Type 1	N/A	N/A	N/A	

Firmware:

This installation requires **BLADE-AL(DL)-MA3** firmware, flash module and update controller before beginning the installation.

WARNING: Disconnect vehicle battery before disconnecting any of the connectors at the START/STOP Unit. Failure to do so may result in damage to the vehicle keyless receiver (PN: KD33 675D4, X1T65171), resulting in required replacement.

Optional hazard light connection for remote start status and diagnostics:

The MAP1 harness is provisioned to utilize the vehicle hazard lights for status and diagnostic display if desired. The pin terminated *green/white* wire needs to be inserted into any POC available in the controller's I/O connector, and the selected POC setting changed to either **Hazard1**, POC option #30 (momentary), **or Hazard2**, POC option #23 (latching), depending on how the factory switch engages.

Parking light connection: The vehicle headlight switch must be removed to access parking light connections which are detailed on the next page, and in a video published in the FirsTechFeed Group on Facebook. Scan the QR Code below to view the video.

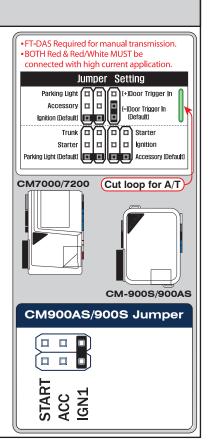
FTI-MAP1 Clutch wiring: The FTI-MAP1 harness is pre-wired for clutch bypass handling. When used in M/T applications, with a compatible CM7/X series controller, the necessary wires for both clutch types have been provided, pre terminated, and ready to be installed in the gray CM I/O connector. This installation type does not require making these connections. Please insulate and secure the unused wires (**red/black**, **yellow**, **and purple/black**).

FTI-MAP1: Installation and Configuration Notes

- A DISCONNECT BATTERY BEFORE PROCEEDING
- B OPTIONAL CONNECTION (IF NOT USING STANDARD PARKING LIGHT CONNECTION)
- NOT REQUIRED
- P REQUIRED CONNECTION (IF NOT USING PROVIDED HAZARD LIGHT CONNECTION)
- E SWITCH REMOVAL/DISASSEMBLY REQUIRED

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	FEATURE COVERAGE																			
0	0	0	0	0	0		0			0	0	0	0	0	0	0	0	0	0	
IMMOBILIZER DATA	PRIORITY UNLOCK	DOOR LOCK	DOOR UNLOCK	ARM OEM ALARM	DISARM OEM ALARM		POWER LIFTGATE			DOOR STATUS	TRUNK STATUS	HOOD STATUS	BRAKE STATUS	E-BRAKE STATUS	тасн оптрит	A/M ALARM CTRL	A/M RS CTRL	PARKING LIGHTS	HAZARD LIGHTS	





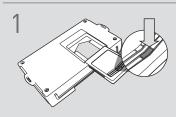
ALL IN ONE MAZDA

Patent No. US 8,856,780 CA 2759622

COM-BLADE-AL(DL)-MA3-EN

Doc. No.: ##74138## 20210223

CARTRIDGE INSTALLATION



Slide cartridge into unit. Notice button under LED.

2

Ready for Module Programming Procedure.

MODULE PROGRAMMING PROCEDURE

NOTE

I WARNING: Hood, doors, trunk/hatch must be closed prior to remote start sequence.



Push start button twice [2x] to ON position.



Wait, LED will turn solid RED to confirm that the ignition is ON.



Wait 10 seconds, LED will flash BLUE rapidly.



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



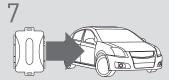
WARNING:

Disconnect power last.

Disconnect RS from vehicle.



Connect RS to computer and proceed with extended programming.



WARNING: Do not press RS programming button.
Connect power first.
Connect RS to vehicle.



Push start button twice [2x] to ON position.



Wait, LED will turn solid RED to confirm that the ignition is ON.



Wait, LED will turn solid BLUE for 2 seconds.



If vehicle is equipped with power liftgate: open and close the power liftgate with OEM keyfob.

1

Module Programming Procedure completed.



ALL IN ONE MAZDA

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WARNING: READ BEFORE REMOTE STARTING THE VEHICLE

IMPORTANT

I All vehicle doors must be closed and locked prior to remote start sequence. Failure to comply will result in remote starter malfunction.

TAKE OVER PROCEDURE - PTS - TO THE VEHICLE OWNER

NOTE

All vehicle doors must be closed and locked prior to remote start sequence.



TIME RESTRICTI ON COMING UP!

1



Unlock vehicle door using OEM or after-market remote, or door request switch.



TIME RESTRICTION

Within 45 SECONDS from previous step:

Open vehicle door. Enter vehicle. Close vehicle door.

Press and release BRAKE pedal.

3

Take over procedure completed.



Failure to follow procedure will result in vehicle engine shutdown.