	.L <mark>,</mark>	Page 1 / 15		REV.: 20	201022			(GUID	E # 9)884 ⁻	1	F	F	ΌΓ	۶T	IN®
2 KEY PROGR/	AMMING	- REGULAR	& THAR-MA	Z1 INSTALL	ATION						ADD	ENDL	JM - SI	JGGE CO	STED) WIR JRAT	ING ION
		ONLY COMPA	TIBLE WITH A	ИТОМАТІС Т	RANSMISS		VEHIC	LES									
	7.4	AD		V	ehicle functi	ons s	uppor	ted ir	n this	diagra	ım (fu	nctio	nal if	equip	ped)		
VEHICLE		PUSH	YEARS	mmobilizer bypass	-Harness	ock	Jnlock	Vrm	Disarm	arking Lights	achometer	loor Status	Hood Status protection emote start	runk Status	land-Brake Status	oot-Brake Status	DEM Remote monitoring
MAZDA			0004	_	F			4		ш	F		1 5	F	-		
)	FIF	RMWARE VERSION 85.[09] MINIMUM		To add t UPI	he firn DATER	nware v R or FL	versic ASH	on and LINK	the op MOBIL	tions, _E too	use ti I, solo	ne FLA I separ	SH LI ately.	INK		_
		IF THE VE WITH	HICLE IS NOT FUNCTIONAL	EQUIPPED HOOD PIN:	A11		OFF		Hood	trigge	er (Ou	itput	Status	;).			
					UNI	Τ ΟΡΤΙ	ON		DESCR	IPTION	I						
			Program byp	bass option:		C1			OEM monite	Remo oring	ote sta	atus ((Lock/	Unloc	:k)		
NOTES	THIS M BY A Q A WRO	ODULE MU UALIFIED T NG CONNE	ST BE INST ECHNICIAN CTION CAN	ALLED CAUSE													

PERMANENT DAMAGE TO THE VEHICLE.



		Parts required (Not included)		PAGE
WIRE TO WIRE DIAG	RAM			_
WARNING				Page 3
	AUTOMATIC TRANSMISSION	1x 10 AMP Fuse 1x 1 Amp Diode	1x Fusible 10 AMP 1x Diode 1 Amp	Page 4
END OF WARNING				Page 8
THARNESS DIAGRAM	VI			
WARNING				Page 5-6
THARNESS THAR-MAZ1	AUTOMATIC TRANSMISSION	1x THAR-MAZ1	1x THAR-MAZ1	Page 7
END OF WARNING				Page 8









FORTIN

AUTOMATIC TRANSMISSION WIRING CONNECTION









Make other required connections.

F FORTIN

THAR-MAZ1 | WIRING CONNECTION





Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.

DO NOT REPROGRAM ANOTHER MODULE UNLESS INSTRUCTED TO DO SO BY TECHNICAL SUPPORT.



FORTIN[®]

KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

Page 13 /15







24





IGNITION ON -> FLASH RAPIDLY ON -Р 回 Р

Press and hold the programming button: Connect the 4-PIN Data-link harness (Black connector).

└→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).



Press the START/STOP button twice to turn ON the

vehicle's Ignition.

Connect the required remaining harnesses.

→ The Blue LED will flash rapidly.

25



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Press the START/STOP button once to turn OFF the vehicle's Ignition.

 → The Blue LED will turn OFF.



The module is now programmed.





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REV.: 20201022

GUIDE # 98721

🕝 FORTIN[®]

2 KEY PROGRAMMING - STANDALONE & THAR-MAZ1 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES. Vehicle functions supported in this diagram (functional if equipped) **OEM Remote monitoring Hood Status protection** mmobilizer bypass Hand-Brake Status ⁻oot-Brake Status **Door Status** emote start Fachometei **F-Harness** Disarm Jnlock VEHICLE YEARS -ock Arm MAZDA CX5 Push-to-Start 2021 • • • ٠ ٠ ٠ ٠ • • • • ٠ FIRMWARE VERSION To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately. 85.[09] мінімим IF THE VEHICLE IS NOT EQUIPPED Hood trigger (Output Status). OFF WITH FUNCTIONAL HOOD PIN: A11 UNIT OPTION DESCRIPTION OEM Remote status (Lock/Unlock) Program bypass option: monitoring **C1** NOTES THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.



PARTS REQUIRED (NOT INCLUDED)





STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION						
	OEM Remote Stand Alone Remote Starter:	OR D1.10	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE						
		D1.1 UNLBCK							
		UNIT OPTION	DESCRIPTION						
	Program bypass option with oem remote:	C 4	OEM Remote Monitoring						
		61							
		UNIT OPTION	DESCRIPTION						
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit						

REMOTE STARTER FUNCTIONALITY





All doors must be closed.

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.



The vehicle will START.

REMOTE S	TARTER DIAGNOSTICS
MODULE R	ED LED
x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	lgnition before start
x5 flash :	Hood Open
PARKING L	IGHTS
x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ÓN
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package RSPB, Sold separately.



		Parts required (Not included)	PAGE
WIRE TO WIRE DIAG	RAM		
WARNING			Page4
	AUTOMATIC TRANSMISSION TRANSMISSION AUTOMATIQUE	1x 10 AMP Fuse 1x 1 Amp Diode	Page 5
END OF WARNING			Page 9
THARNESS DIAGRA	М		
WARNING			Page 6-7
THARNESS THAR-MAZ1	AUTOMATIC TRANSMISSION TRANSMISSION AUTOMATIQUE	1x THAR-MAZ1	Page 8
END OF WARNING			Page 9

Under steering column, START-STOP unit.

Under steering column, START-STOP unit. 2





Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.



ATTENTION



3

Make the following connections.

Disconnect the (-) terminal of the battery.

AUTOMATIC TRANSMISSION WIRING CONNECTION



Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.



ATTENTION



3

Make the following connections.

Disconnect the (-) terminal of the battery.



Make other required connections.

THAR-MAZ1 | WIRING CONNECTION





Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

Page 10 /16

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.

DO NOT REPROGRAM ANOTHER MODULE UNLESS INSTRUCTED TO DO SO BY TECHNICAL SUPPORT.



FORTIN[®]

KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

Page 14 /16







23

24



PRESS

IGNITION ON -> FLASH RAPIDLY ON -Р 回 Р

Press and hold the programming button: Connect the 4-PIN Data-link harness (Black connector).

→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).



Press the START/STOP button twice to turn ON the

vehicle's Ignition.

Connect the required remaining harnesses.

→ The Blue LED will flash rapidly.

25



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button once to turn OFF the vehicle's Ignition.

Press the START/STOP

 → The Blue LED will turn OFF.



The module is now programmed.

REMOTE STARTER FUNCTIONALITY





REV.: 20151130



MAZDA 3 - T-HARNESS MAZDA

ADDENDUM - SUGGESTED WIRING CONFIGURATION

FORTIN[®]

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

					Vehicle fi if equippe	unct ed)	ions	sup	port	ed ir	n thi	s diag	ram	(fun	ctior	nal
PUSH		TE STARTER - DORLOCK O	TE STARTER & uoistance LOCK CONTROL #	LE WITHOUT LARM E	ollizer bypass		~		meter	Status	Status	Status protection e start	Brake Status	srake Status	Remote monitoring	mode
VEHICLE	YEARS	REMO NO DC	REMO DOOR	VEHIC OEM /	Immot	Lock	Unloci	Arm	Tacho	Door S	Trunk	Hood	Hand-	Foot-E	OEM I	Alarm
MAZDA			_	_									_			
3 Push-to-Start - Sedan / Hatchback - AT	2014-2016	1	2	3	•	•	•	•	•	•	•	•	•	•	•	•





Parts required (Not included)

1X 10 AMP Fuse 1x Diode 1A 1X 1K Ohm Resistor (with doorlock) **FLASH LINK MANAGER**

Software version 3.52 and more



FLASH LINK UPDATER 2



Microsoft Windows Computer & Internet connection





F FORTIN

CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE



CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK

(=====_		UNIT OPTION	DESCRIPTION
	Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring
		G1	Evo Alarm enable

F FORTIN

CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK



FORTIN

CONNECTION 3

VEHICLE WITHOUT HOOD PIN AND OEM ALARM



KEY BYPASS PROGRAMMING PROCEDURE 1/5

Page 7 /13

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.


F FORTIN

KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/5 |



Disconnect the Data-Link (4-pins) connector and after all the remaining connectors.

KEY BYPASS PROGRAMMING PROCEDURE 4/5



KEY BYPASS PROGRAMMING PROCEDURE 5/5



programmed.

REMOTE STARTER FUNCTIONALITY





GUIDE # 62671

THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

		Vehicle functions supported in this diagram (functional if equipped)													
	PUSH START		bilizer bypass	ness		×		E	meter	Status	Status	Status protection remote start	Brake Status	Brake Status	Remote monitoring
VEHI	CLE	YEARS	Immo	T-Har	Lock	Unloc	Arm	Disar	Tacho	Door	Trunk	Hood	Hand	Foot-	OEM
MAZ	DA														
3	Push-to-Start - Sedan / Hatchback - Automatic transmission only	2014-2018	•	•	•	•	•	•	•	•	•	•	•	•	•

	85.[11]	To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately.						
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	Hood trigger (Output Status).					
		UNIT OPTION	DESCRIPTION					
	Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring					
NOTES								
<u>!</u>	THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.							











Make other required connections.

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 ${\mathbb T}^1$ 11

AUTOMATIC TRANSMISSION WIRING CONNECTION

A14_ (-) HAND BRAKE

A3 _ _(-) UNLOCK _

ALWAYS REQUIRED

NOT REQUIRED WITH DATALINK

<u>А2 (-) Locк</u>

(-) TRUNK RELEASE

A12_(+/-)_TACHOMETER _ _ _ _ _ _



5 PIN CONN.

(-)PARKING LIGHTS (COM)

D2 YELLOW/BLUE (-)PARKING LIGHTS (NO) D1 YELLOW/GREEN (-)PARKING LIGHTS (NC)

D6 WHITE/RED

WHITE/GREEN D3 YELLOW/RED

D2 YELLOW/BLUE

D D5 WHITE/BLUE

D4





REMOTE

STARTER

Direct connection

· Ř×

IN RS9

OR OU

OUT RS11

_ __<u>__IN_RS12</u>

WITH DATA-LINK: AVEC DATA-LINK

WITH D2D

WITHOUT DATA-LINK: SANS DATA-LINK:

_ _ _ _OUT.RS18

Back view. 12-pin Engine compart-Back view. 18-pin FUSE White connector. FUSIBLES Engine compartment.

ment.

(2)Back view. 32-pin White connector. Under steering column, START-STOP unit.

(1)Back view. 24-pin White connector. Under steering column, START-STOP unit.







Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6 |

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

Page 1 /13







23

24



PRESS



Press and hold the programming button: Connect the 4-PIN Data-link harness (Black connector).

→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

Connect the required remaining harnesses.

Press the START/STOP button twice to turn ON the vehicle's Ignition.

→ The Blue LED will flash rapidly.

25



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Press the START/STOP button once to turn OFF the vehicle's Ignition.

 → The Blue LED will turn OFF.



The module is now programmed.



REMOTE STARTER FUNCTIONALITY





GUIDE # 101531

THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

		Vehicle functions supported in this diagram (functional if equipped)												
VEHICLE	YEARS	mobilizer bypass	Harness	ock	nlock	E	isarm	achometer	oor Status	unk Status	ood Status protection remote art	and-Brake Status	oot-Brake Status	EM Remote monitoring
MAZDA		드	⊢́	Ľ		∢		Ë		Ē	ST T	I	щ	0
Push-to-Start - Automatic transmission only 6	2021	•	•	•	•	•	•	•	•	•	•	•	•	•

	85.[11]	To add the firmware ve UPDATER or FLA	sion and the options, use the FLASH LINK I H LINK MOBILE tool, sold separately.			
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	Hood trigger (Output Status).			
		UNIT OPTION	DESCRIPTION			
	Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring			
NOTES						
<u>!</u>	THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE					

MANDATORY INSTALL				Notice: the installation of safety	THIS MODULE MUST BE INSTALLED BY
* HOOD PIN HOOD STATUS: THE HOOD PIN SWITCH MUST BE INS IF THE VEHICLE CAN BE REMOTE STARTED WITH THE SET FUNCTION A11 TO OFF.	TALLED E HOOD OPEN,	A11	OFF	elements are mandatory. The hood pin is an essential security element and must be installed.	CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.









Make other required connections.

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.

DO NOT REPROGRAM ANOTHER MODULE UNLESS INSTRUCTED TO DO SO BY TECHNICAL SUPPORT.



FORTIN[®]

KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

Page 1 /13







→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

harness (Black connector).

Press and hold the programming button: Connect the 4-PIN Data-link

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).



23



24



IGNITION ON -> FLASH RAPIDLY ON -Р 回 Р

Connect the required remaining harnesses.

Press the START/STOP button twice to turn ON the vehicle's Ignition.

→ The Blue LED will flash rapidly.

25



555

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button once to turn OFF the vehicle's Ignition.

Press the START/STOP

 → The Blue LED will turn OFF.



The module is now programmed.

REMOTE STARTER FUNCTIONALITY









Parts required (Not included)

1X 10 AMP Fuse 1x Diode 1A 1X 1K Ohm Resistor (with doorlock)

FLASH LINK MANAGER

Software version 3.52 and more



FLASH LINK UPDATER 2

Microsoft Windows Computer & Internet connection









At parking lights switch







HOOD PIN

4

BCM High connector above driver kick panel



FORTIN

AUTOMATIC TRANSMISSION WIRING CONNECTION |

(-) Hand Brake





RS7a OUT

REMOTE

KEY BYPASS PROGRAMMING PROCEDURE 1/5 |

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5 |



KEY BYPASS PROGRAMMING PROCEDURE 3/5 |



Disconnect all the connectors and after the Data-Link (4-pins) connector.

KEY BYPASS PROGRAMMING PROCEDURE 4/5 |


KEY BYPASS PROGRAMMING PROCEDURE 5/5 |



The module is nov programmed.

REMOTE STARTER FUNCTIONALITY |





GUIDE # 62851

THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

	Vehicle fun	ct <u>ions sup</u>	portec	l in thi	his diagram (functional if equipped)										
CONTRACTOR OF CONT)	lizer bypass	ess					neter	tatus	status	itatus protection remote	3rake Status	ake Status	emote monitoring	
VEHICLE	YEARS	lmmob	T-Harn	Lock	Unlock	Arm	Disarm	Tachor	Door S	Trunk S	Hood S start	Hand-E	Foot-B	OEM R	
MAZDA															
CX-3 Push-to-Start - Automatic transmission	2016-2021	•	•	•	•	•	•	•	•	•	•	•	•	•	

		FIRMWARE VERSION 85.[11] MINIMUM	To add th UPD	To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately.							
		IF THE VEHICLE IS NOT EQUIPPE WITH FUNCTIONAL HOOD PIN	A11	OFF	Hood trigger (Output Status).					
			UNIT	OPTION	DESCRIPTION						
		Program bypass option	1: (21	OEM Remote monitoring	status (Lock/Unlock)					
_	-	Brogram bypage optic	UNIT	OPTION	DESCRIPTION						
		(If equiped with OEM alarm): [02	Unlock before alarm)	/ Lock after (Disarm OEM					
NOTES											
	THIS MC BY A QU A WRON PERMAN VEHICLE	DULE MUST BE INSTALLED ALIFIED TECHNICIAN. G CONNECTION CAN CAUSE IENT DAMAGE TO THE E.									
عر	Parts requi	red (Not included)									
	1X 10 AMP	Fuse									
MANDATORY I	NSTAL			Notice: the insta	allation of safety	THIS MODULE MUST BE INSTALLED BY A					
*HOOD PIN	HOOD STATUS : T IF THE VEHICLE (Set function A	HE HOOD PIN SWITCH MUST BE INSTALLED CAN BE REMOTE STARTED WITH THE HOOD OPEN, 11 TO OFF.	A11 OFF NON	elements are ma is an essential s must be installe	andatory. The hood pin security element and d.	QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.					







At parking lights switch









BCM High connector above driver kick panel





3

5

Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery. **ATTENTION** In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to

avoid damage to the smartkey entry module.



Make the following connections.



Make other required connections.

GUIDE # 62851





Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

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x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

Page 1 /13







23

24



PRESS



Press and hold the programming button: Connect the 4-PIN Data-link harness (Black connector).

→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

Connect the required remaining harnesses.

Press the START/STOP button twice to turn ON the vehicle's Ignition.

→ The Blue LED will flash rapidly.

25



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button once to turn OFF the vehicle's Ignition.

Press the START/STOP

 → The Blue LED will turn OFF.



The module is now programmed.



Page 1 /13

REMOTE STARTER FUNCTIONALITY |





REV.: 20151130



MAZDA CX5 - T-HARNESS MAZDA

ADDENDUM - SUGGESTED WIRING CONFIGURATION

F

FORTIN®

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

						Vehicle functi <u>ons supported in this diagram (functional</u> if equi <u>pped)</u>										
PUSH START		JTE STARTER NO RLOCK	TE STARTER &	CLE WITHOUT OEM #	bilizer bypass		×		ometer	Status	Status	Status protection remote	-Brake Status	Brake Status	Remote monitoring	n mode
VEHICLE	YEARS	REMC	REMC DOOF	VEHIC ALAR	Immo	Lock	Unloc	Arm	Tachc	Door	Trunk	Hood start	Hand	Foot-I	OEM	Alarm
MAZDA					1	-										
CX5 Push-to-Start - AT	2013-2016	1	2	3	•	•	•	•	•	•	•	•	•	•	•	•

HARDWARE VERSION MINIMUM 6 71.[31]



Parts required (Not included)

1X 10 AMP Fuse 1x Diode 1A 1X 1K Ohm Resistor (with doorlock)

FLASH LINK MANAGER

Software version 3.52 and more



FLASH LINK UPDATER 2



Microsoft Windows Computer & Internet connection













67

HOOD (-)HORN/ ALARM

RN/







F FORTIN

CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE



CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK

~		UNIT OPTION	DESCRIPTION
	Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring
		G1	Evo Alarm enable

F FORTIN

CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK



F FORTIN

CONNECTION 3

VEHICLE WITHOUT HOOD PIN AND OEM ALARM



KEY BYPASS PROGRAMMING PROCEDURE 1/5

Page 7 /13

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5 |



KEY BYPASS PROGRAMMING PROCEDURE 3/5



KEY BYPASS PROGRAMMING PROCEDURE 4/5



KEY BYPASS PROGRAMMING PROCEDURE 5/5



programmed.

REMOTE STARTER FUNCTIONALITY





VEHICLE	YEARS	Immobilizer by	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status pi start	Hand-Brake St	Foot-Brake Sta	OEM Remote 1
MAZDA														
Push-to-Start - Automatic transmission only CX-5	2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•

nonitoring

SU

	85.[11]	To add the firmware version and the options, use the FLASH LIR UPDATER or FLASH LINK MOBILE tool, sold separately.					
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF	Hood trigger (Output Status).			
		UNIT C	OPTION	DESCRIPTION			
	Program bypass option:	C	4	OEM Remote status (Lock/Unlock) monitoring			
		Ŭ					
NOTES							
<u>!</u>	THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.						











Make other required connections.

AUTOMATIC TRANSMISSION WIRING CONNECTION



GUIDE # 62941



Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

Page 1 /13

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



FORTIN[®]

KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6


KEY BYPASS PROGRAMMING PROCEDURE 5/6

Page 1 /13







programming button: Connect the 4-PIN Data-link harness (Black connector).

Press and hold the

└→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).



23

24





IGNITION ON -> FLASH RAPIDLY ON -Р 回 Р

Connect the required remaining harnesses.

Press the START/STOP button twice to turn ON the vehicle's Ignition.

→ The Blue LED will flash rapidly.

25



Р

25-2

回

回

Press the START/STOP button once to turn OFF the vehicle's Ignition.

 → The Blue LED will turn OFF.

The module is now programmed.

Page 1 /13

REMOTE STARTER FUNCTIONALITY |





ALL Page 1 / 13

REV.: 20210623

GUIDE # 66301

THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

		Vehicle funct <u>ions supported in this diagram (functional if equipped)</u>										<u>d)</u>					
VEHICLE	YEARS	mmobilizer bypass	-Harness	-ock	Jnlock	Arm	Disarm	[achometer	Door Status	Frunk Status	Hood Status protection remote start	Hand-Brake Status	-oot-Brake Status	DEM Remote monitoring			
MAZDA																	
Push-to-Start - Automatic transmission only CX-5	2017-2020	•	•	•	•	•	•	•	•	•	•	•	•	•			

	85.[11]	To add the firmware version and the options, use the FLASH UPDATER or FLASH LINK MOBILE tool, sold separatel			
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	Hood trigger (Output Status).		
		UNIT OPTION	DESCRIPTION		
	Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring		
NOTES					
<u>!</u>	THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE				

MANDATO	RY	INSTALL				Notice: the installation of safety	THIS MODULE MUST BE INSTALLED BY QUALIFIED TECHNICIAN A WRONG
* HOOD PIN	Î	HOOD STATUS : THE HOOD PIN SWITCH MUST BE INS IF THE VEHICLE CAN BE REMOTE STARTED WITH THI SET FUNCTION A11 TO OFF.	STALLED E HOOD OPEN,	A11	OFF	is an essential security element and must be installed.	CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.
	Ū						

FORTIN

1

3

DESCRIPTION

 $\label{eq:constraint} \textbf{Under steering column, START-STOP unit.}$

Under steering column, START-STOP unit.

2







Inside the Parking Light switch











Make other required connections.

AUTOMATIC TRANSMISSION WIRING CONNECTION



GUIDE # 66301

Page 1 /13



Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

Page 1 /13

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



FORTIN[®]

KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

Page 1 /13







programming button: Connect the 4-PIN Data-link harness (Black connector).

Press and hold the

└→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).



23

24





IGNITION ON -> FLASH RAPIDLY ON -Р 回 Р

Connect the required remaining harnesses.

Press the START/STOP button twice to turn ON the vehicle's Ignition.

→ The Blue LED will flash rapidly.

25



Р

25-2

回

回

Press the START/STOP button once to turn OFF the vehicle's Ignition.

↦ The Blue LED will turn OFF.

The module is now programmed.

Page 1 /13

REMOTE STARTER FUNCTIONALITY |





Page 1 / 12

REV.: 20161006

GUIDE # 61731

FORTIN®

THAR-MAZ1

THARNESS INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.





Í,

Parts required (Not included)

1X 1K Ohm Resistor (with doorlock)

FLASH LINK MANAGER

Software version 3.54 and more



FLASH LINK UPDATER 2

Microsoft Windows Computer & Internet connection



1

Under steering column, START-STOP unit

2 Under steering column, START-STOP unit









(4) Harness in driver kick panel





F FORTIN

CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE



	UNIT OPTION	DESCRIPTION			
Program bypass option:	C 4	OEM Remote status (Lock/Unlock) monitoring			
	61				
	C 4	Evo Alarm enable			
	G1				

CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK



KEY BYPASS PROGRAMMING PROCEDURE 1/5

Page 6 / 12

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/5



KEY BYPASS PROGRAMMING PROCEDURE 4/5



KEY BYPASS PROGRAMMING PROCEDURE 5/5



The module is now programmed.

REMOTE STARTER FUNCTIONALITY





GUIDE # 63021



THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

		Vehicle fun	ct <u>ions sup</u>	ported	in thi	s diagi	ram (fi	unctio	nal if e	quipp	ed)		<u> </u>	
PUBH Image: Constraint of the second se		obilizer bypass	arness		ock		ш	nometer	r Status	k Status	d Status protection remote start	d-Brake Status	-Brake Status	A Remote monitoring
VEHICLE	YEARS	Immo	Т-На	Lock	Unlo	Arm	Disa	Tach	Door	Trun	Hood	Hanc	Foot-	OEM
MAZDA														
CX9 Push-to-Start - Automatic transmission	2016-2021	•	•	•	•	•	•	•	•	•	•	•	•	•

	FIRMWARE VERSION 85.[11] MINIMUM	To add the firmware version and the options, use the FLAS UPDATER or FLASH LINK MOBILE tool, sold separa		
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF	Hood trigger (Output Status).
		UNIT	OPTION	DESCRIPTION
	Program bypass option:		:1	OEM Remote status (Lock/Unlock) monitoring
NOTES				
	THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.			



1

Under steering column, START-STOP unit

2 Under steering column, START-STOP unit

















Make other required connections.







Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

Page 1 /13

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

Page 1 /13







programming button: Connect the 4-PIN Data-link harness (Black connector).

Press and hold the

└→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).



23

24





IGNITION ON -> FLASH RAPIDLY ON -Р 回 Р

Connect the required remaining harnesses.

Press the START/STOP button twice to turn ON the vehicle's Ignition.

→ The Blue LED will flash rapidly.

25



Р

25-2

回

回

Press the START/STOP button once to turn OFF the vehicle's Ignition.

↦ The Blue LED will turn OFF.

The module is now programmed.
Page 1 /13

REMOTE STARTER FUNCTIONALITY |





REV.: 20160707

GUIDE # 35221



MAZDA 6 - T-HARNESS MAZDA

ADDENDUM - SUGGESTED WIRING CONFIGURATION

F

FORTIN[®]

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.







Parts required (Not included)

1X 1K Ohm Resistor

FLASH LINK MANAGER

Software version 3.52 and more



FLASH LINK UPDATER 2

Microsoft Windows Computer & Internet connection





F FORTIN

CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE



CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK

	UNIT OPTION	DESCRIPTION
Program bypass option:	<u>C1</u>	OEM Remote status (Lock/Unlock) monitoring
	61	
	<u>C1</u>	Evo Alarm enable
	GI	

CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK



F FORTIN

CONNECTION 3

VEHICLE WITHOUT HOOD PIN AND OEM ALARM



KEY BYPASS PROGRAMMING PROCEDURE 1/5 |

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



FORTIN[®]

KEY BYPASS PROGRAMMING PROCEDURE 2/5 |



KEY BYPASS PROGRAMMING PROCEDURE 3/5 |



KEY BYPASS PROGRAMMING PROCEDURE 4/5 |



KEY BYPASS PROGRAMMING PROCEDURE 5/5



The module is no programmed.

REMOTE STARTER FUNCTIONALITY |





GUIDE # 62781

THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

F

FORTIN[®]

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

		Vehicle fun	ctions sup	ported	l in thi	s diag	ram (fu	Inctio	nal if e	quipp	ed)				
VEHI	CLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZ	DA														
6	Push-to-Start - Automatic transmission only Push-to-Start - transmission automatique seulement	2014-2020	•	•	•	•	•	•	•	•	•	•	•	•	•

	85.[11]	To add the firmware ver UPDATER or FLAS	sion and the options, use the FLASH LINK H LINK MOBILE tool, sold separately.			
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	Hood trigger (Output Status).			
		UNIT OPTION	DESCRIPTION			
	Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring			
NOTES						
	HIS MODULE MUST BE INSTALLED BY QUALIFIED TECHNICIAN. WRONG CONNECTION CAN CAUSE ERMANENT DAMAGE TO THE VEHICLE.					











Make other required connections.

AUTOMATIC TRANSMISSION WIRING CONNECTION







Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6



21

CAN PROGRAMMING PROCEDURE





Press and hold the programming button: Connect the 4-PIN Data-link harness (Black connector).

→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

Connect the required remaining harnesses.

Press the START/STOP button twice to turn ON the vehicle's Ignition.

→ The Blue LED will flash rapidly.

25

24



Р

Р

Р

PRESS

IGNITION ON -> FLASH RAPIDLY

DN 🕂

回

回

回

回

Press the START/STOP button once to turn OFF the vehicle's Ignition.

 \hookrightarrow The Blue LED will turn OFF.



The module is now programmed.

Page 1 /13

REMOTE STARTER FUNCTIONALITY |



REV.: 20210623

GUIDE # 67481

THAR-MAZ1 THARNESS INSTALLATION WITH 2 KEYS PROGRAMMING

ALL Page 1 / 13

EV

ADDENDUM - SUGGESTED WIRING CONFIGURATION

🕝 FORTIN°

			ict <u>ions sup</u>	ported	l in thi	s diagi	ram (fi	Inctio	nal if e	quipp	ed)			
VEHICLE	YEARS	mmobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	DEM Remote monitoring
MAZDA			1					'			1	-		
MX5 Push-to-Start - Automatic transmission	2016-2019	•	•	•	•	•	•	•	•	•	•	•	•	•
			~						о					

		FIRMWARE VERSION 85.[11] MINIMUM	To add th UPD	To add the firmware version and the options, use the FLAS UPDATER or FLASH LINK MOBILE tool, sold separat						
		IF THE VEHICLE IS NOT EQUIPPEE WITH FUNCTIONAL HOOD PIN	A11	OFF	Hood trigger (Output Status).					
			UNIT	OPTION	DESCRIPTION					
		Program bypass option:		21	OEM Remote status (Lock/Unlock) monitoring					
		Program bypass option (If equiped with OEM alarm):	UNIT	OPTION	DESCRIPTION					
):	02	Unlock before / Lock after (Disarm OEN alarm)	1				
NOTES										
	THIS M BY A Q A WRO PERMA VEHICL	ODULE MUST BE INSTALLED JALIFIED TECHNICIAN. NG CONNECTION CAN CAUSE NENT DAMAGE TO THE E.								
2	Parts requ	ired (Not included)								
	1X 10 AMF	? Fuse								
				Notice the inst	THIS MODULE MUST BE INSTALLED	BY A				
*HOOD PIN	HOOD STATUS IF THE VEHICLI SET FUNCTION	THE HOOD PIN SWITCH MUST BE INSTALLED CAN BE REMOTE STARTED WITH THE HOOD OPEN, A11 TO OFF.	A11	elements are ma is an essential s must be installe	anatory. The hood pin security element and ed.	} .NT				

FORTIN

DESCRIPTION | DESCRIPTION

1

3

Under steering column, START-STOP unit.





Under steering column, START-STOP unit.

2

Inside the Parking Light switch











Make other required connections.

GUID<u>E # 66481</u>





Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

Page 1 /13

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



FORTIN[®]

KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6





KEY BYPASS PROGRAMMING PROCEDURE 5/6

Page 1 /13







programming button: Connect the 4-PIN Data-link harness (Black connector).

Press and hold the

└→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).



23

24





IGNITION ON -> FLASH RAPIDLY ON -Р 回 Р

Connect the required remaining harnesses.

Press the START/STOP button twice to turn ON the vehicle's Ignition.

→ The Blue LED will flash rapidly.

25



Р

25-2

回

回

Press the START/STOP button once to turn OFF the vehicle's Ignition.

↦ The Blue LED will turn OFF.

The module is now programmed.
Page 1 /13

REMOTE STARTER FUNCTIONALITY |





GUIDE # 58051

T-HARNESS THAR-MAZ1 INSTALLATION

ADDENDUM - SUGGESTED WIRING CONFIGURATION

F

FORTIN®

		Vehicle functions supported in this diagram (functional if equipped)															
VEHI	CLE	YEARS	KEY CONTROL CONTROL DE LA CLÉ	T-Harness Harnais en T	Lock	Unlock	Arm	Disarm	Parking Lights	Trunk Release	Tachometer	Door Status	Trunk Status	Hood Status	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring*
SCIO	N																
iA	Push-to-Start	2016	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TOY	АТС																
Yaris	Push-to-Start	2016-2020	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

 FIRMWARE VERSION	To add the firmware version and the options, use the FLASH LINK
85.[09]	UPDATER or FLASH LINK MOBILE tool, sold separately.
MINIMUM	

IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF	Hood trigger (Output Status).
	UNIT	OPTION	DESCRIPTION
Program bypass option:	A3	OFF	Key Bypass
	C1		OEM Remote status (Lock/Unlock) monitoring
	D	6	Push-to-Start



FLASH LINK MANAGER

Software version 3.62 and more

MANDATO	RY I	NSTALL				Notice: the installation of safety	THIS MODULE MUST BE INSTALLED BY A
* HOOD PIN	Î	HOOD STATUS: THE HOOD PIN SWITCH MUST BE INS IF THE VEHICLE CAN BE REMOTE STARTED WITH THE SET FUNCTION A11 TO OFF.	Talled E hood open,	A11	OFF	elements are mandatory. The hood pin is an essential security element and must be installed.	CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

F FORTIN KEY CONTROL



FORTIN

DESCRIPTION

1





Under steering column, START-STOP unit.

Parking Light connector





3



Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect



Make other required connections.







Reconnect the (-) terminal of the battery.

FORTIN

PROGRAMMING PROCEDURE



FORTIN

REMOTE STARTER FUNCTIONALITY





REV.: 20160913

GUIDE # 35201



MAZDA 3 - T-HARNESS MAZDA - STAND ALONE

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES. COMPATIBLE AVEC VÉHICULE À T

					Vehicle fi	unc <u>t</u> ∋d)	ions	sup	port	e <u>d ir</u>	<u>n thi</u> s	s diag	ram	(fun	ctior	al
		С	onnection #													
VEHICLE	YEARS	NO DOORLOCK	REMOTE STARTER & DOORLOCK CONTROL	VEHICLE WITHOUT OEM ALARM	Immobilizer bypass	Lock	Unlock	Arm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring	Alarm mode
MAZDA																
3 Push-to-Start - Sedan / Hatchback - AT	2014-2016	1	2	3	•	•	•	•	•	•	•	•	•	•	•	•

HARDWARE VERSION	
мілімим 6	71.[22]
	FORD MINIMUM



Parts required (Not included) 1X 1K Ohm Resistor (with doorlock) 1X T-Harness Mazda1 FLASH LINK MANAGER Software version 3.52 and more



FLASH LINK UPDATER 2

Microsoft Windows Computer & Internet connection



PARTS REQUIRED (NOT INCLUDED)



STAND ALONE CONFIGURATION

LOCK		UNIT OPTION	DESCRIPTION
L õck	Program bypass option:	D1	OEM Remote Stand Alone Remote Starter
LUCK			
		UNIT OPTION	DESCRIPTION
	Program bypass option with oem remote:	C1	OEM Remote Monitoring
		CI	
		UNIT OPTION	DESCRIPTION
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit

REMOTE STARTER FUNCTIONNALITY



All doors must be closed.



Press the OEM remote's Lock button 3x to

remote-start (or remote-stop) the vehicle.



The vehicle will START.

REMOTE S	REMOTE STARTER DIAGNOSTICS									
MODULE R	ED LED									
x2 flash :	Brake ON									
x3 flash :	No tach									
x4 flash :	lgnition before start									
x5 flash :	Hood Open									
PARKING L	IGHTS									
x4 flash:	FOB in car									
x5 flash:	Hood open									
x6 flash:	Brake ON									
x7 flash:	Door open									
x8 flash:	Bad Encryption/ key code									

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package RSPB, Sold separately.









CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK

		UNIT OPTION	DESCRIPTION
	Program bypass option:	<u>C1</u>	OEM Remote status (Lock/Unlock) monitoring
		UT	
		C1	Evo Alarm enable
		GI	



CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK AUTOMATIC TRANSMISSION ONLY



CONNECTION 3

VEHICLE WITHOUT HOOD PIN & WITHOUT OEM ALARM AUTOMATIC TRANSMISSION ONLY



KEY BYPASS PROGRAMMING PROCEDURE 1/5

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



FORTIN[®]

KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/5



KEY BYPASS PROGRAMMING PROCEDURE 4/5



KEY BYPASS PROGRAMMING PROCEDURE 5/5



.

The module is now programmed.

REMOTE STARTER FUNCTIONALITY



EVO	

ALL Page 1 / 14

REV.: 20210623

GUIDE # 62681

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

			Vehicle fun	ct <u>ions sup</u>	portec	l in thi	s diag	ram (fi	unctio	nal if e	quipp	ed)			
VEHI	PUSH START CONTRACTOR	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZ	DA														
3	Push-to-Start - Sedan / Hatchback - Automatic transmission only Push-to-Start - Sedan / Hatchback - transmis- sion automatique seulement	2014-2018	•	•	•	•	•	•	•	•	•	•	•	•	•

		FIRMWARE VERSION 85.[11] MINIMUM	To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately.							
		WITH FUNCTIONAL HOOD PIN:	A11	OFF NON	Hood trigger (Output Status).					
				OPTION	DESCRIPTION					
		Program bypass option:	C	:1	OEM Remote status (Lock/Unlock) monitoring					
NOTES										
<u>(</u>	THIS M A QUAL A WRO PERMA	ODULE MUST BE INSTALLED BY LIFIED TECHNICIAN. NG CONNECTION CAN CAUSE NENT DAMAGE TO THE VEHICLE	Ε.							
عر	Parts requ	uired (Not included)								
	1X 10 AMF	PFuse								



PARTS REQUIRED (NOT INCLUDED)





STAND ALONE CONFIGURATION

Program bypass option OEM Remote Stand Alone Remote Starter:	UNIT OPTION	DESCRIPTION
	OR D1.10	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE
	D1.1 UNLECK	
Program bypass option with oem remote:	UNIT OPTION	DESCRIPTION
	C1	OEM Remote Monitoring
Program bypass option with RF KIT antenna:	UNIT OPTION	DESCRIPTION
	H1 to H6	Supported RF Kits and select RF Kit

REMOTE STARTER FUNCTIONALITY





All doors must be closed.

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.



The vehicle will START.

REMOTE STARTER DIAGNOSTICS				
MODULE R	ED LED			
x2 flash :	Brake ON			
x3 flash :	No tach			
x4 flash :	Ignition before start			
x5 flash :	Hood Open			
PARKING LIGHTS				
x4 flash:	FOB in car			
x5 flash:	Hood open			
x6 flash:	Brake ON			
x7 flash:	Door open			
x8 flash:	Bad Encryption/ key code			

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package **RSPB**, Sold separately.







Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module.



ATTENTION

Disconnect the (-) terminal of the battery.

Débranchez le borne négative de la batterie du véhicule.



3

Make the following connections.



Make other required connections.

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



FORTIN[®]

KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

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IGNITION ON -> FLASH RAPIDLY

Press and hold the programming button: Connect the 4-PIN Data-link harness (Black connector).

→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

Connect the required remaining harnesses.

Press the START/STOP button twice to turn ON the vehicle's Ignition.

→ The Blue LED will flash rapidly.

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Press the START/STOP button once to turn OFF the vehicle's Ignition.

 \hookrightarrow The Blue LED will turn OFF.



The module is now programmed.






- Page 1 / 14

REV.: 20210623

GUIDE # 101541

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES. Vehicle functions supported in this diagram (functional if equipped) Hood Status protection remote start PUSH **OEM Remote monitoring** Immobilizer bypass Hand-Brake Status Foot-Brake Status Trunk Status Door Status **Tachometer** T-Harness Unlock Disarm VEHICLE YEARS -ock Arm Push-to-Start - Automatic transmission only 6 • • 2021 • • • • • • •

		FIRMWARE VI 85.[ERSION 11] AINIMUM	Τ	o add the UPDA	firmware vers TER or FLAS	sion and the option H LINK MOBILE	ns, use the FLASH LINK tool, sold separately.
		IF THE VEHICLE IS WITH FUNCTION	S NOT EQUIPPEI ONAL HOOD PIN		\11	OFF	Hood trigger (Output Status).
					UNIT C	OPTION	DESCRIPTION	
		Progra	m bypass option	n:	C1		OEM Remote status (Lock/Unloc monitoring	
NOTES								
<u>.</u>	THIS M A QUAL A WRO PERMA	ODULE MUST BE I LIFIED TECHNICIA NG CONNECTION NENT DAMAGE TO	NSTALLED BY N. CAN CAUSE D THE VEHICL	Y .E.				
ع	Parts requ	iired (Not included)						
	1X 10 AMF	PFuse						
MANDATORY I *HOOD PIN	NSTALL Hood status: If the vehicle Set function	THE HOOD PIN SWITCH MUST CAN BE REMOTE STARTED W A11 TO OFF	BE INSTALLED ITH THE HOOD OPEN,	A11	OFF	Notice: the insta elements are ma is an essential s must be installer	llation of safety ndatory. The hood pin ecurity element and 1	THIS MODULE MUST BE INSTALLED B Qualified Technician. A wrong Connection can cause Permanei Damage to the Vehicle.



STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION			
	OEM Remote Stand Alone Remote Starter:	OR D1.10	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE			
		D1.1 UNLECK LECK				
	Program bypass option with oem remote:	UNIT OPTION	DESCRIPTION			
		C 4	OEM Remote Monitoring			
		61				
		UNIT OPTION	DESCRIPTION			
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit			

REMOTE STARTER FUNCTIONALITY





All doors must be closed.

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.



The vehicle will START.

REMOTE STARTER DIAGNOSTICS					
MODULE R	ED LED				
x2 flash :	Brake ON				
x3 flash :	No tach				
x4 flash :	lgnition before start				
x5 flash :	Hood Open				
PARKING L	IGHTS				
x4 flash:	FOB in car				
x5 flash:	Hood open				
x6 flash:	Brake ON				
x7 flash:	Door open				
x8 flash:	Bad Encryption/ key code				

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package RSPB, Sold separately.











Make other required connections.

AUTOMATIC TRANSMISSION WIRING CONNECTION





Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.

DO NOT REPROGRAM ANOTHER MODULE UNLESS INSTRUCTED TO DO SO BY TECHNICAL SUPPORT.



FORTIN[®]

KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

Page 1 /14



R

The module is now programmed.

REMOTE STARTER FUNCTIONALITY





FORD MINIMUM



Parts required (Not included)

1X 1K Ohm Resistor

FLASH LINK MANAGER

Software version 3.52 and more



FLASH LINK UPDATER 2

Microsoft Windows Computer & Internet connection





STAND ALONE CONFIGURATION

LACK		UNIT OPTION	DESCRIPTION		
LOCK	Program bypass option:	D4	OEM Remote Stand Alone Remote Starter		
LOCK		D1			
	Program bypass option with oem remote:	UNIT OPTION	DESCRIPTION		
		C1	OEM Remote Monitoring		
		U			
	Program bypass option with RF KIT antenna:	UNIT OPTION	DESCRIPTION		
		H1 to H6	Supported RF Kits and select RF Kit		

REMOTE STARTER FUNCTIONNALITY



All doors must be closed.



Press the OEM remote's Lock button 3x to

remote-start (or remote-stop) the vehicle.



The vehicle will START.

REMOTE S	TARTER DIAGNOSTICS
MODULE R	ED LED I
x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	lgnition before start
x5 flash :	Hood Open
PARKING L	IGHTS
x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ON
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package RSPB, Sold separately.



FORTIN

DESCRIPTION













BCM High connector above driver kick panel





(5)

BCM High connector above driver kick panel



F FORTIN

AUTOMATIC TRANSMISSION WIRING CONNECTION





KEY BYPASS PROGRAMMING PROCEDURE 1/5

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x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/5



KEY BYPASS PROGRAMMING PROCEDURE 4/5



KEY BYPASS PROGRAMMING PROCEDURE 5/5



The module is now programmed.

REMOTE STARTER FUNCTIONALITY





GUIDE # 62861

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

		Vehicle fun	ictions sup	ported	l in thi	s diagi	ram (fi	Inctio	nal if e	quipp	ed)			
CONTRACTOR OF CONT		oilizer bypass	ness		X		E	meter	Status	Status	Status protection remote	Brake Status	3rake Status	Remote monitoring
VEHICLE	YEARS	Immol	T-Har	Lock	Unloc	Arm	Disarr	Tacho	Door (Trunk	Hood start	Hand-	Foot-E	OEM
MAZDA														
CX-3 Push-to-Start - Automatic transmission	2016-2021	•	•	•	•	•	•	•	•	•	•	•	•	•

	FIRMWARE VERSION 85.[11] MINIMUM		To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately.				
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	Hood trigger (Output Status).				
		UNIT OPTION	DESCRIPTION				
	Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring				
	Program bypass option		Unlock before / Lock after (Disarm OEN alarm)				
	(D2	, , , , , , , , , , , , , , , , , , ,				
NOTES							
<u>.</u>	THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE						

Q

Parts required (Not included)

1X 10 AMP Fuse

VEHICLE.



THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)



STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION			
	OEM Remote Stand Alone Remote Starter:	OR D1.10	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE			
		D1.1 UNLBCK				
	Program bypass option with oem remote:	UNIT OPTION	DESCRIPTION			
		C 4	OEM Remote Monitoring			
		61				
		UNIT OPTION	DESCRIPTION			
	Program bypass option with RF KIT antenna: Programmez l'option du contournement avec antenne RF:	H1 to H6	Supported RF Kits and select RF Kit			

REMOTE STARTER FUNCTIONALITY



All doors must be closed. Toutes les portes doivent être fermées



Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.

Appuyez sur le bouton Verrouillage 3X de la télécommande d'origine pour démarrer à distance (ou arrêter à distance) le véhicule.



The vehicle will START.

Le véhicule DÉMARRE.

REMOTE ST	ARTER DIAGNOSTI	CS
DIAGNOSTIC	lue du Demarre	UR A DISTANCE
MODULE RE	<u>D LED I DEL ROUG</u>	E DU MODULE
x2 flash :	Brake ON	Frein Activé
x3 flash :	No tach	Pas de Tach
x4 flash :	Ignition before	Clé de contact détectée
	start	avant démarrage
x5 flash :	Hood Open	Capot Ouvert
PARKING LIC	GHTS I FEUX DE ST	ATIONNEMENT
x4 flash:	FOB in car	Télécommande d'origine
		dans le véhicule
x5 flash:	Hood open	Capot Ouvert
x6 flash:	Brake ÓN	Frein Activé
x7 flash:	Door open	Porte ouverte
x8 flash:	Bad Encryption/ key code	Mauvaise encryption/ code de clé

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package **RSPB**, Sold separately.



FORTIN

DESCRIPTION | DESCRIPTION







At parking lights switch









BCM High connector above driver kick panel









Make other required connections.

AUTOMATIC TRANSMISSION WIRING CONNECTION







Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



F FORTIN



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

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IGNITION ON -> FLASH RAPIDLY

Press and hold the programming button: Connect the 4-PIN Data-link harness (Black connector).

→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

Connect the required remaining harnesses.

Press the START/STOP button twice to turn ON the vehicle's Ignition.

→ The Blue LED will flash rapidly.

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Press the START/STOP button once to turn OFF the vehicle's Ignition.

 \hookrightarrow The Blue LED will turn OFF.



The module is now programmed.






REV.: 20161003

GUIDE # 35211

CX5 - T-HARNESS MAZDA - STAND ALONE

ADDENDUM - SUGGESTED WIRING CONFIGURATION

F

FORTIN®

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

					Vehicle if equip	func ped	ti <u>ons</u>)	sup	por	ted i	n thi	is diaç	Iram	(fun	nctio	nal
PUSH START	VEADO	IOTE STARTER NO DRLOCK	NOTE STARTER & OLLOCK CONTROL	RM IICLE WITHOUT OEM #	lobilizer bypass	v	ock		nometer	r Status	ık Status	d Status protection remote t	d-Brake Status	t-Brake Status	A Remote monitoring	m mode
VEHICLE	YEARS	REN DOC	REN DOC	VEH ALA	Imm	Lock	Unlo	Arm	Tach	Doo	Trun	Hoo	Han	Foot	OEN	Aları
CX5 Push-to-Start - AT	2013-2016	1	2	3	•	•	•	•	•	•	•	•	•	•	•	•





Parts required (Not included)

1X 10 AMP Fuse 1x Diode 1A 1X 1K Ohm Resistor (with doorlock) FLASH LINK MANAGER

Software version 3.52 and more



FLASH LINK UPDATER 2

Microsoft Windows Computer & Internet connection



PARTS REQUIRED (NOT INCLUDED)



STAND ALONE CONFIGURATION

LACK		UNIT OPTION	DESCRIPTION		
L øck	LOCK Program bypass option:		OEM Remote Stand Alone Remote Starter		
LOCK		DI			
		UNIT OPTION	DESCRIPTION		
	Program bypass option with oem remote:	C1	OEM Remote Monitoring		
		U			
		UNIT OPTION	DESCRIPTION		
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit		

REMOTE STARTER FUNCTIONNALITY



All doors must be closed.



Press the OEM remote's Lock button 3x to

remote-start (or remote-stop) the vehicle.



The vehicle will START.

REMOTE ST	TARTER DIAGNOSTICS
MODULE R	ED LED
x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	lgnition before start
x5 flash :	Hood Open
PARKING L	IGHTS
x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ON
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package RSPB, Sold separately.



F FORTIN DESCRIPTION



Under steering column, START-STOP unit.







driver kick panel. - DOORLOCK

45





F FORTIN[®]

CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE

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AUTOMATIC TRANSMISSION ONLY



CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK

	Program bypass option:	UNIT OPTION	DESCRIPTION
		C1	OEM Remote status (Lock/Unlock) monitoring
		61	
		C1	Evo Alarm enable
		GI	

REMOTE CAR STARTER AND DOORLOCK AUTOMATIC TRANSMISSION ONLY



CONNECTION 3



KEY BYPASS PROGRAMMING PROCEDURE 1/5 |

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5 |





KEY BYPASS PROGRAMMING PROCEDURE 3/5 |



KEY BYPASS PROGRAMMING PROCEDURE 4/5 |



KEY BYPASS PROGRAMMING PROCEDURE 5/5



programmed.

REMOTE STARTER FUNCTIONALITY |





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REV.: 20210623

GUIDE # 62951

FORTIN® F

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

		Vehicle fun	ict <u>ions sup</u>	ported	l in thi	s diag	ram (fı	Inctio	nal if e	quippe	∍d)			
PUSH START		obilizer bypass	arness		ck		E	Iometer	r Status	k Status	d Status protection remote start	d-Brake Status	-Brake Status	A Remote monitoring
VEHICLE	YEARS	Imme	т-на	Lock	Unlo	Arm	Disar	Tach	Door	Trun	Ноос	Hanc	Foot-	OEM
MAZDA														
Push-to-Start - Automatic transmission only CX-5	2013-2016	•	•	•	•	•	•	•	•	•	•	•	•	•

	FIRMWARE VERSION 85.[11] MINIMUM	To add the firmware vers UPDATER or FLAS	sion and the options, use the FLASH LINK IH LINK MOBILE tool, sold separately.
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	Hood trigger (Output Status).
		UNIT OPTION	DESCRIPTION
	Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring
NOTES			
	THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.		
R	Parts required (Not included)		
	1X 10 AMP Fuse		
MANDATORY I *Hood pin	NSTALL HOOD STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.	Votice: the insta elements are ma is an essential s <u>must be installer</u>	Illation of safety ndatory. The hood pin ecurity element and d.

PARTS REQUIRED (NOT INCLUDED)





STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION		
	OEM Remote Stand Alone Remote Starter:	OR D1.10	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE		
		D1.1 UNLBCK			
		UNIT OPTION	DESCRIPTION		
	Program bypass option with oem remote:	04	OEM Remote Monitoring		
		61			
		UNIT OPTION	DESCRIPTION		
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit		

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Press the OEM remote's Lock button 3x to

remote-start (or remote-stop) the vehicle.



The vehicle will START.

REMOTE S	TARTER DIAGNOSTICS
MODULE R	ED LED
x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	lgnition before start
x5 flash :	Hood Open
PARKING L	IGHTS
x4 flash:	FOB in car
x5 flash:	Hood open
x6 flash:	Brake ON
x7 flash:	Door open
x8 flash:	Bad Encryption/ key code

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package RSPB, Sold separately.







Before disconnecting a module, a computer or a control unit from a vehicle: Always disconnect the negative terminal from the vehicle's battery.

In these vehicles, the factory keyless entry module is sensitive to interference and may cease to operate if some precautions are not taken. Disconnect the (-) terminal of the battery prior to disconnecting the connectors at the smartkey module below the steering wheel to avoid damage to the smartkey entry module. Avant de débrancher un module, un ordinateur ou une unité de contrôle d'un véhicule: il faut toujours débrancher la borne négative de la batterie du véhicule.

Dans ce véhicule, le module d'entrée sans clé de l'usine est sensible aux interférences et peut cesser de fonctionner si certaines précautions ne sont pas prisses. Débrancher la borne (-) de la batterie avant de déconnecter le module de clé intélligente sous le volant pour éviter de l'endommager.



ATTENTION

Disconnect the (-) terminal of the battery.



3

Make the following connections.



Make other required connections.

AUTOMATIC TRANSMISSION WIRING CONNECTION







Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

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IGNITION ON -> FLASH RAPIDLY

Press and hold the programming button: Connect the 4-PIN Data-link harness (Black connector).

→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

Connect the required remaining harnesses.

Press the START/STOP button twice to turn ON the vehicle's Ignition.

→ The Blue LED will flash rapidly.

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Press the START/STOP button once to turn OFF the vehicle's Ignition.

 \hookrightarrow The Blue LED will turn OFF.



The module is now programmed.







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REV.: 20210623

GUIDE # 66311

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.



	FIRMWARE VERSION 85.[11] MINIMUM IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately.				
		UNIT C	OPTION	DESCRIPTION		
	Program bypass option:	C1		OEM Remote status (Lock/Unlock) monitoring		
NOTES						
	THIS MODULE MUST BE INSTALLED BY QUALIFIED TECHNICIAN. WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.					
Pa	rts required (Not included)					
1X	10 AMP Fuse					



PARTS REQUIRED (NOT INCLUDED)





STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION		
	OEM Remote Stand Alone Remote Starter:	OR D1.10	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE		
		D1.1 UNLECK			
(Program bypass option with oem remote:	UNIT OPTION	DESCRIPTION		
		C 4	OEM Remote Monitoring		
		61			
		UNIT OPTION	DESCRIPTION		
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit		

REMOTE STARTER FUNCTIONALITY





All doors must be closed.

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.



The vehicle will START.

REMOTE ST	TARTER DIAGNOSTICS			
MODULE R	ED LED			
x2 flash :	Brake ON			
x3 flash :	No tach			
x4 flash :	Ignition before start			
x5 flash :	Hood Open			
PARKING L	IGHTS			
x4 flash:	FOB in car			
x5 flash:	Hood open			
x6 flash:	Brake ON			
x7 flash:	Door open			
x8 flash:	Bad Encryption/ key code			

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package **RSPB**, Sold separately.



FORTIN

1

at @ 2

3

DESCRIPTION

Under steering column, START-STOP unit.

Under steering column, START-STOP unit.

2

Inside the Parking Light switch











Make other required connections.

AUTOMATIC TRANSMISSION WIRING CONNECTION







Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5


KEY BYPASS PROGRAMMING PROCEDURE 3/6



CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

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IGNITION ON -> FLASH RAPIDLY

Press and hold the programming button: Connect the 4-PIN Data-link harness (Black connector).

→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

Connect the required remaining harnesses.

Press the START/STOP button twice to turn ON the vehicle's Ignition.

→ The Blue LED will flash rapidly.

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Press the START/STOP button once to turn OFF the vehicle's Ignition.

 \hookrightarrow The Blue LED will turn OFF.



The module is now programmed.







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REV.: 20210623

GUIDE # 67491

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

		Vehicle fun	ctions sup	ported	in thi	s diag	ram (fi	Inctio	nal if e	quipp	ed)			
VEHICLE	YEARS	Immobilizer bypass	T-Harness	Lock	Unlock	Arm	Disarm	Tachometer	Door Status	Trunk Status	Hood Status protection remote start	Hand-Brake Status	Foot-Brake Status	OEM Remote monitoring
MAZDA														
MX5 Push-to-Start - Automatic transmission	2016-2019	•	•	•	•	•	•	•	•	•	•	•	•	•

	FIRMWARE VERSION 85.[11] MINIMUM	To add the UPDA	firmware vers TER or FLAS	sion and the options, use the FLASH LINK H LINK MOBILE tool, sold separately.	
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF	Hood trigger (Output Status).	
			PTION	DESCRIPTION	
	Program bypass option:	C1		OEM Remote status (Lock/Unlock) monitoring	
	Program bypass option (If equiped with OEM alarm):	П	2	Unlock before / Lock after (Disarm OEM alarm)	
			-		
NOTES					
	THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.				

<u>Z</u>

Parts required (Not included)

1X 10 AMP Fuse



THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

PARTS REQUIRED (NOT INCLUDED)





STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION		
	OEM Remote Stand Alone Remote Starter:	OR D1.10	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE		
		D1.1 UNLECK			
		UNIT OPTION	DESCRIPTION		
	Program bypass option with oem remote:	C 4	OEM Remote Monitoring		
		61			
Program bypass option with RF KIT antenna:		UNIT OPTION	DESCRIPTION		
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit		

REMOTE STARTER FUNCTIONALITY





All doors must be closed.

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.



The vehicle will START.

REMOTE ST	REMOTE STARTER DIAGNOSTICS		
MODULE R	ED LED		
x2 flash :	Brake ON		
x3 flash :	No tach		
x4 flash :	Ignition before start		
x5 flash :	Hood Open		
PARKING L	IGHTS		
x4 flash:	FOB in car		
x5 flash:	Hood open		
x6 flash:	Brake ON		
x7 flash:	Door open		
x8 flash:	Bad Encryption/ key code		

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package **RSPB**, Sold separately.



FORTIN

1

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Under steering column, START-STOP unit.



Under steering column, START-STOP unit.

2

Inside the Parking Light switch









CONTINUED NEXT PAGE



Make other required connections.

AUTOMATIC TRANSMISSION WIRING CONNECTION







Reconnect the (-) terminal of the battery.

CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5



CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 3/6



CONTINUED NEXT PAGE

KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

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24





IGNITION ON -> FLASH RAPIDLY

Press and hold the programming button: Connect the 4-PIN Data-link harness (Black connector).

→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

Connect the required remaining harnesses.

Press the START/STOP button twice to turn ON the vehicle's Ignition.

→ The Blue LED will flash rapidly.

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Press the START/STOP button once to turn OFF the vehicle's Ignition.

 \hookrightarrow The Blue LED will turn OFF.



The module is now programmed.







REV.: 20160913

GUIDE # 35191

MAZDA 6 - T-HARNESS MAZDA - STAND ALONE

ADDENDUM - SUGGESTED WIRING CONFIGURATION

F

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ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.







Parts required (Not included)

1X 10 AMP Fuse 1x Diode 1A 1X 1K Ohm Resistor (with doorlock)

FLASH LINK MANAGER

Software version 3.52 and more



FLASH LINK UPDATER 2

Microsoft Windows Computer & Internet connection



PARTS REQUIRED (NOT INCLUDED)



STAND ALONE CONFIGURATION

LACK		UNIT OPTION	DESCRIPTION
LOCK	Program bypass option:	D4	OEM Remote Stand Alone Remote Starter
LOCK		DI	
		UNIT OPTION	DESCRIPTION
	Program bypass option with oem remote:	64	OEM Remote Monitoring
		U1	
		UNIT OPTION	DESCRIPTION
Program bypass option with RF KIT antenna:	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit

REMOTE STARTER FUNCTIONNALITY





All doors must be closed.

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.



The vehicle will START.

REMOTE S	REMOTE STARTER DIAGNOSTICS		
MODULE R	ED LED		
x2 flash :	Brake ON		
x3 flash :	No tach		
x4 flash :	lgnition before start		
x5 flash :	Hood Open		
PARKING L	IGHTS		
x4 flash:	FOB in car		
x5 flash:	Hood open		
x6 flash:	Brake ÓN		
x7 flash:	Door open		
x8 flash:	Bad Encryption/ key code		

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package RSPB, Sold separately.







CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE

AUTOMATIC TRANSMISSION ONLY



CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK

	UNIT OPTION	DESCRIPTION	
Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring	
	CI		
	C1	Evo Alarm enable	
	GI		





CONNECTION 3

VEHICLE WITHOUT HOOD PIN & WITHOUT OEM ALARM

Page 7 /14

AUTOMATIC TRANSMISSION ONLY



KEY BYPASS PROGRAMMING PROCEDURE 1/5 |

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5 |



KEY BYPASS PROGRAMMING PROCEDURE 3/5 |



KEY BYPASS PROGRAMMING PROCEDURE 4/5 |



KEY BYPASS PROGRAMMING PROCEDURE 5/5



The module is now programmed.

REMOTE STARTER FUNCTIONALITY |





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REV.: 20210623

GUIDE # 62791

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES. Vehicle functions supported in this diagram (functional if equipped) Hood Status protection remote start PUSH **OEM Remote monitoring** Immobilizer bypass Hand-Brake Status Foot-Brake Status **Frunk Status** Door Status **Tachometer** T-Harness Unlock Disarm VEHICLE YEARS Lock Arm MAZDA Push-to-Start - Automatic transmission only 2014-2020 6 • • • • • • • • •

_====	FIRMWARE VERSION	To add the firmware ver	rsion and the options, use the FLASH LINK
	85.[11]	UPDATER or FLAS	SH LINK MOBILE tool, sold separately.
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	Hood trigger (Output Status).
		UNIT OPTION	DESCRIPTION
	Program bypass option:	C1	OEM Remote status (Lock/Unlock) monitoring
NOTES		_	
	THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE		
ع	Parts required (Not included)		
	1X 10 AMP Fuse		
MANDATORY	NSTALL	Notice: the inst	allation of safety THIS MODULE MUST BE INSTALLED BY A
*HOOD PIN	HOOD STATUS : THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.	elements are m is an essential : <u>must be install</u>	andatory. The flood pin security element and d. CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.

STAND ALONE CONFIGURATION

	Program bypass option	UNIT OPTION	DESCRIPTION
	OEM Remote Stand Alone Remote Starter:	OR D1.10	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE
		D1.1 UNLECK LECK	
		UNIT OPTION	DESCRIPTION
	Program bypass option with oem remote:	C 4	OEM Remote Monitoring
		61	
Program bypass option with RF KIT anter		UNIT OPTION	DESCRIPTION
	Program bypass option with RF KIT antenna:	H1 to H6	Supported RF Kits and select RF Kit

REMOTE STARTER FUNCTIONALITY



All doors must be closed.



Press the OEM remote's Lock button 3x to

remote-start (or remote-stop) the vehicle.



The vehicle will START.

REMOTE S	TARTER DIAGNOSTICS
MODULE R	ED LED
x2 flash :	Brake ON
x3 flash :	No tach
x4 flash :	lgnition before start
x5 flash :	Hood Open
PARKING L	IGHTS
x4 flash:	FOB in car
	Hood open
	Brake ÓN
	Door open
x8 flash:	Bad Encryption/ key code

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package RSPB, Sold separately.







1

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3

Make the following connections.

CONTINUED NEXT PAGE



Make other required connections.

AUTOMATIC TRANSMISSION WIRING CONNECTION






Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

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23

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IGNITION ON -> FLASH RAPIDLY

Press and hold the programming button: Connect the 4-PIN Data-link harness (Black connector).

→ The Blue, Red, Yellow and Blue & Red LEDs will alternatively illuminate.

Release the programming button when the Blue LED is ON.

If the Blue LED is not ON solid disconnect the 4-PIN Data-link harness (Black connector).

Connect the required remaining harnesses.

Press the START/STOP button twice to turn ON the vehicle's Ignition.

→ The Blue LED will flash rapidly.

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Press the START/STOP button once to turn OFF the vehicle's Ignition.

 \hookrightarrow The Blue LED will turn OFF.



The module is now programmed.





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REV20161006

GUIDE # 61751

ADDENDUM - SUGGESTED WIRING CONFIGURATION

FORTIN®

THAR-MAZ1

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

THARNESS STAND ALONE INSTALLATION

FORD MINIMUM

Vehicle functions supported in this diagram (functional if equipped) Connection # Hood Status protection remote start REMOTE STARTER & DOOR-LOCK CONTROL **OEM Remote monitoring** REMOTE STARTER NO DOORLOCK Immobilizer bypass Hand-Brake Status Foot-Brake Status **Frunk Status** Alarm mode Door Status **Fachometer** T-Harness Unlock VEHICLE YEARS Lock Arm MAZDA CX9 Push-to-Start - Automatic transmission 2016 2 ٠ ٠ ٠ ٠ ٠ ٠ ٠ • • • • • 1 •

HARDWARE VERSION FIRMWARE VERSION MINIMUM 6 71.[35]

Í,

Parts required (Not included)

1X 1K Ohm Resistor (with doorlock)

FLASH LINK MANAGER

Software version 3.54 and more



FLASH LINK UPDATER 2

Microsoft Windows Computer & Internet connection



PARTS REQUIRED (NOT INCLUDED)



STAND ALONE CONFIGURATION

LOCK		UNIT OPTION	DESCRIPTION
LOCK	Program bypass option:	D1	OEM Remote Stand Alone Remote Starter
LUCK			
	Program bypass option with oem remote:	UNIT OPTION	DESCRIPTION
		C1	OEM Remote Monitoring
		CI	
	Program bypass option with RF KIT antenna:	UNIT OPTION	DESCRIPTION
		H1 to H6	Supported RF Kits and select RF Kit

REMOTE STARTER FUNCTIONNALITY





All doors must be closed.

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.



The vehicle will START.

REMOTE STARTER DIAGNOSTICS MODULE RED LED x2 flash : Brake ON x3 flash : No tach x4 flash : Ignition before start

x5 flash : Hood Open

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package RSPB, Sold separately.



1

Under steering column, START-STOP unit

2 Under steering column, START-STOP unit









(4) Harness in driver kick panel





F FORTIN

CONNECTION 1

REMOTE CAR STARTER ONLY - DOORLOCK BY OEM REMOTE



	Program bypass option:	UNIT OPTION	DESCRIPTION
		C1	OEM Remote status (Lock/Unlock) monitoring
		C1	Evo Alarm enable
		GI	

F FORTIN

CONNECTION 2

REMOTE CAR STARTER AND DOORLOCK

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KEY BYPASS PROGRAMMING PROCEDURE 1/5

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x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 3/5



KEY BYPASS PROGRAMMING PROCEDURE 4/5



KEY BYPASS PROGRAMMING PROCEDURE 5/5



The module is nov programmed.

REMOTE STARTER FUNCTIONALITY



EVO	

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REV.: 20210623

GUIDE # 63031

STAND ALONE THAR-MAZ1 THARNESS INSTALLATION - 2 KEYS PROGRAMMING

ADDENDUM - SUGGESTED WIRING CONFIGURATION

ONLY COMPATIBLE WITH AUTOMATIC TRANSMISSION VEHICLES.

		Vehicle fun	ict <u>ions sup</u>	ported	<u>l in thi</u>	s diagi	ram (fu	Inctio	<u>nal if e</u>	quippe	ed)			
VEHICLE	YEARS	nobilizer bypass	larness	×	lock	E	arm	chometer	or Status	nk Status	od Status protection remote start	nd-Brake Status	ot-Brake Status	M Remote monitoring
VLINCL	TLANG	lmm	H-L	Loc	ÎUN	Arm	Dis	Tac	Doo	Trui	Нос	Har	Foo	OEI
MAZDA														
CX9 Push-to-Start - Automatic transmission	2016-2021	•	•	•	•	•	•	•	•	•	•	•	•	•

	FIRMWARE VERSION 85.[11] MINIMUM	To add the firmware version and the options, use the FLASH LINK UPDATER or FLASH LINK MOBILE tool, sold separately.			
	IF THE VEHICLE IS NOT EQUIPPED WITH FUNCTIONAL HOOD PIN:	A11	OFF	Hood trigger (Output Status).	
	Program bypass option:	UNIT OPTION		DESCRIPTION	
		C1		OEM Remote status (Lock/Unlock) monitoring	
NOTES					
	THIS MODULE MUST BE INSTALLED BY A QUALIFIED TECHNICIAN. A WRONG CONNECTION CAN CAUSE PERMANENT DAMAGE TO THE VEHICLE.				

 MANDATORY INSTALL
 Notice: the installation of safety elements are mandatory. The hood pin is an essential security element and SET FUNCTION A11 TO OFF.
 Hood STATUS: THE HOOD PIN SWITCH MUST BE INSTALLED IF THE VEHICLE CAN BE REMOTE STARTED WITH THE HOOD OPEN, SET FUNCTION A11 TO OFF.
 A11
 OFF
 Notice: the installation of safety element and is an essential security element an essecurity element and is an essecurity element

PARTS REQUIRED (NOT INCLUDED)





STAND ALONE CONFIGURATION

(Program bypass option OEM Remote Stand Alone Remote Starter:	UNIT OPTION	DESCRIPTION			
		OR D1.10	By default, LOCK, LOCK, LOCK Par défaut, VERROUILLE, VERROUILLE, VERROUILLE			
		D1.1 UNLECK				
(Program bypass option with oem remote:	UNIT OPTION	DESCRIPTION			
		C 4	OEM Remote Monitoring			
		61				
	Program bypass option with RF KIT antenna:	UNIT OPTION	DESCRIPTION			
		H1 to H6	Supported RF Kits and select RF Kit			

REMOTE STARTER FUNCTIONALITY





All doors must be closed.

Press the OEM remote's Lock button 3x to remote-start (or remote-stop) the vehicle.



The vehicle will START.

REMOTE STARTER DIAGNOSTICS					
MODULE R	ED LED				
x2 flash :	Brake ON				
x3 flash :	No tach				
x4 flash :	Ignition before start				
x5 flash :	Hood Open				
PARKING L	IGHTS				
x4 flash:	FOB in car				
x5 flash:	Hood open				
x6 flash:	Brake ON				
x7 flash:	Door open				
x8 flash:	Bad Encryption/ key code				

REMOTE STARTER WARNING CARD



CUT THIS WARNING CARD AND STICK IT ON A VISIBLE PLACE: or use the package **RSPB**, Sold separately.



1

Under steering column, START-STOP unit

2 Under steering column, START-STOP unit















Make other required connections.

F FORTIN

AUTOMATIC TRANSMISSION WIRING CONNECTION







Reconnect the (-) terminal of the battery.

KEY BYPASS PROGRAMMING PROCEDURE 1/6

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x3 max.

Do not program more than 3 modules on the same vehicle.

If more than 3 modules are programmed to a vehicle, it is possible that the remote car starter will never be functional on this vehicle. If all programming steps were successful and the vehicle cannot be remote started :

- Double check all connections using the installation diagram above as a reference.

If no connection errors can be found then please contact technical support assistance.



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KEY BYPASS PROGRAMMING PROCEDURE 2/5



KEY BYPASS PROGRAMMING PROCEDURE 3/6



KEY BYPASS PROGRAMMING PROCEDURE 4/6



KEY BYPASS PROGRAMMING PROCEDURE 5/6

Page 1 /14



The module is now programmed.

REMOTE STARTER FUNCTIONALITY |

