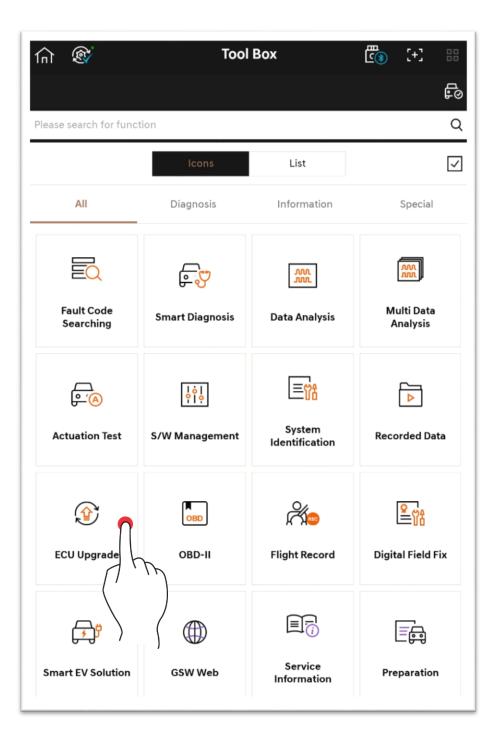


Tool Box – ECU Upgrade

The purpose of this function is to upgrade data on the ECU(electronic control unit) to improve the vehicle performance or correct a known issue.



Screen Configuration

1

It performs forced self-driving of an actuator to be inspected, and checks the normal driving status through change of the sensor data.

-		AUTO MODE N	1ANUAL	MODE	
E		GRADE EVENT MANAGEMENT ATED EVENT LIST ALL EVENT LIST	E	ECU UPGRADE H	HISTORY
	VCI	EVENT	TYPE	STATUS	TSE
- 11	ē	1141.JX1 IBU TPMS LOGIC IMPROVEMENT	SERVICE ACTION	NEW	Eo
	ē	969.JX1 IBU-BCM - FOB CONTROL LOGIC IMPROVEMENT	SERVICE ACTION	NEW	Eo
	ē	899.JX1 - STEERING VIBRATION IMPROVEMENT(MDPS)	SERVICE ACTION	NEW	Ēc
	õ	885.JX1 - RSPA CONTROL LOGIC IMPROVEMENT(ADAS_PRK)	SERVICE ACTION	NEW	Ēc
	ē	884.JX1 - MFSW CONTROL LOGIC IMPROVEMENT	SERVICE ACTION	NEW	Ēc
	ē	883.JX1 - ICU CONTROL LOGIC IMPROVEMENT	SERVICE ACTION	NEW	Ēc
	ō	882.JX1 - DTE DISPLAY LOGIC IMPROVEMENT(12.3" 3D TFT-LCD CLUSTER)	SERVICE ACTION	NEW	Ēc
	ē	881.JX1 - DTE DISPLAY LOGIC IMPROVEMENT(8" TFT-LCD CLUSTER)	SERVICE ACTION	NEW	Ē

0	You can select automatic mode/manual mode.
2	You can check all ECU upgrade lists that are supported or ECU upgrade list that corresponds to the selected vehicle, and Historty
8	You can check ECU upgrade name and the communication module type to be used for ECU upgrade.

Automatic Mode

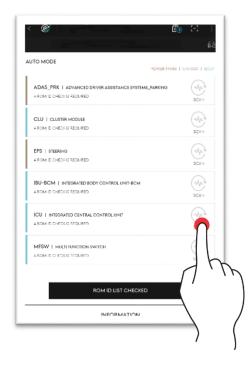
It communicates with the vehicle, automatically searches the ECU upgrade event that corresponds to the vehicle, and checks ROM ID.

It can reduce the possibility of the user to perform an invalid ECU upgrade.

Event Search and ROM ID Check

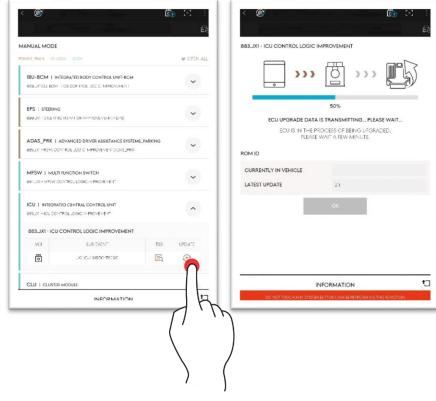
It is currently checking ECU upgrade event and ROM ID which correspond to the selected vehicle.

If ROM ID check has failed, use the icon on the right side of the controller or bottom button to reattempt ROM ID check.



ECU Upgrade Proceeding

After ROM ID is checked, touch Upgrade button. ECU upgrade will proceed.





Before performing ECU upgrade, make sure to press Notification button at the bottom of the screen to view precautions.

Completion

ECU upgrade is completed after turning the Drive key to Off and On in accordance with the guide text.

Use the recent ROM ID to check the change status, and check whether ECU upgrade is performed normally.

< ® 10	: :-: •: :::::::::::::::::::::::::::::::	< 🕅	Ċ	: :+: •		
883, JXI - ICU CONTROL LOGIC IMPROVEMENT	8	883.JX1 - ICU CONTROL LOGIC II	MPROVEMENT			
CHORE STOP						
00:13 (3)		100% SUCCESS THE ECJ UPGRADE HAS SUCCESSFULLY COMPLETED.				
TURN IG OFF FOR 10 SECONDS AND						
THEN BACK ON, CLICK THE OK BUTTON TO CONTIN			HAS SUCCESSFULLY COMPLET	cu.		
ROM ID	R	ID NOM ID				
CURRENTLY IN VEHICLE		CURRENTLY IN VEHICLE	21			
LATEST UPDATE 2T		LATEST UPDATE	20			
ок			ок			
INFORMATION DO NOT TO JOH ANY STITULE STRUCTURE WILL STRUCTURE STUDIES	10 crox		NFORMATION BUTTONS WHILE PERFORMING THIS PLV	t] Icton		

Manual Mode

Manual Mode is used either when Automatic Mode has failed, or for proceeding an alternative upgrade for certain purposes. It indicates all events related to the selected system when this function is operated, and ECU upgrade is proceeded arbitrarily regardless of the current ROM ID.

After selecting an ECU upgrade event based on the user's intention, the user needs to enter the passwords.

NUAL MODE				MANUAL MODE			
ARTRAIN I COM	595: 3001		# OPEN ALL	ROWER TRAIN I CH			\$ OF
IBU-BCM INTEGRATED BODY CONTROL UNIT-BCM 902.X1182-BCM - FOB CONTROL LOD CT IMPROVEMENT		~		INTEGRATED BODY CONTROL UNIT-BOM			
EPS STEERING 809.0C - STEERING VIERATION INFROMEMENT(MDPS)		~	EP: TVA MANUA	MANUAL MODE		Ξ	
	ADVANCED DRIVER ASSISTANCE SYSTEM NOTROL: OD C. MPROVEVENTIADAS, PRO		~	AD	ENTER PASSWORD (REFERENCE)		
	TRUNCTION SWITCH		~	MF 20-	CANCEL	ok.	
	TED CENTRAL CONTROL UNIT		^		ITED CENTRAL CUNTRUL UNIT		-
883.JX1 - ICU	CONTROL LOGIC IMPROVEMENT			883,JX1- (CU	CONTROL LOGIC IMPROVEMENT		
VCI	SUB EVENT	TSB	UPDATE	with the	SUS EVENT	128	FDATE
Ö	JXI ICU 91950-T629C	Eq	۲	Ö	3/0 ICU 9/050-1622C		æ
VCI	SUB EVEN"			w <u>r</u>	SUS EVENT	128	



- If the selected event and the controller's specification are not matched, ECU may be damaged.
- ✓ If Automatic Mode is failed, the upgrade should be proceeded again in Manual Mode.
- ✓ If it is failed to update in Automatic Mode, turn IG OFF for 10 seconds, and turn it ON again to proceed the upgrade again.

ECU Upgrade Proceeding

ECU upgrade will proceed.



Completion

ECU upgrade is completed after turning the Drive key to Off and On in accordance with the guide text.

Use the recent ROM ID to check the change status, and check whether ECU upgrade is performed normally.

	E H :	883.JXI - ICU CONTROL LOGIC II		+] : 60
BB3_JX1 - ICU CONTROL LOGIC IMPROVEMENT			100%	-
TURN IG OFF FOR 10 SECONDS AND III IN BACK ONLOLCK I III OCIBULION TO CO ROM ID	DNTINUL.	ROM ID	SUCCESS	
CURRENTLY IN VEHICLE LATEST UPDATE 2T		CURRENTLY IN VEHICLE	21 [.] 21 [.] OK	
OK		_		
INFORMATION		41	IFORMATION	ta
DO NOT TOUCH ANY SYSTEM BUTTONS WHILE PERFORMING TH	4 S RUNCTION	DO NOT TOUCH ANY SYSTEM	BUTTONS WHILE PERFORMING THIS FUNCTION.	