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### J-Box 3

#### **User Guide**

LAUNCH

### **Important Notes**

**J-Box 3** interfaces have been carefully designed and tested to comply with OBDII protocols. However, some vehicle models are not in full compliance with these protocols for various reasons. In addition, the computer control systems or sensors on any given vehicle may be malfunctioning or out of specification.

While **Launch's** testing and the experiences of thousands of **J-Box 3** users have shown the unit to be safe and reliable, there is an inherent risk in using any product that may potentially affect the operation or drive-ability of your vehicle.

If you are concerned about the operation of your vehicle at any time while using **J-Box 3**:

- \* Pull off the roadway immediately or as soon as it is safe to do so.
- \* Disconnect the **J-Box 3** from the OBDII port.
- \* Consult a licensed mechanic or automobile service center.

Please report any issues or concerns to our Technical Support Department. We maintain an active database of the feedback we receive, and your comments can help us continuously improve the product.

# J-Box 3

**User Guide** 

LAUNCH

### **Limited Warranty**

**Launch** guarantees that every **J-Box 3** is free from physical defects in material and workmanship under normal use for one year from the date of purchase.

IN NO EVENT SHALL LAUNCH'S LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT. LAUNCH SHALL BE EXEMPT FROM ALL OTHER CLAIMS WHETHER BASED UPON DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, ITS ACCOMPANYING SOFTWARE, OR ITS DOCUMENTATION.

**Launch** makes no warranty or representation, expressed, implied, or statutory, with respect to its products or the contents or use of this documentation and all accompanying software, and specifically disclaims its quality, performance, merchantability, or fitness for any particular purpose. **Launch** reserves the right to revise or update its products, software, or documentation without obligation to notify any individual or entity.



### J-Box 3

**User Guide** 

### Copyright & Trademarks

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### LAUNCH

is a registered trademark of **Launch**, and is registered in the United States and other countries. All other marks are trademarks or registered trademarks of their respective holders.

Pictures are for illustration purposes only. Specifications are subject to change.

### FCC Statement

The wireless module has been tested and found to comply with the FCC part 15 and ICRSS210 rules. These limits are designed to provide reasonable protection against harmful interference in approved installations. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, this device may cause harmful interference to radio communications. However, there is no guarantee that interference may not occur in a particular installation. This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Modifications or changes to this equipment not expressly approved by the party responsible for compliance may render void the user's authority to operate this equipment.

- \* Modular Approval, FCC and IC
- FCC ID: X3ZBTMOD3
- \* IC: 8828A-MOD3

In accordance with FCC part 15, the **SPT2632C1A.AT2** is listed above as a modular transmitter device.

# J-Box 3

### **User Guide**

### Contents

Important Notes2
Limited Warranty
Copyright & Trademarks
FCC Statement
Introduction
Getting to Know the J-Box 36
Installation & Device Activation7
J2534 Toolbox 3 <sup>®</sup>
Product Specifications 15
Technical Support

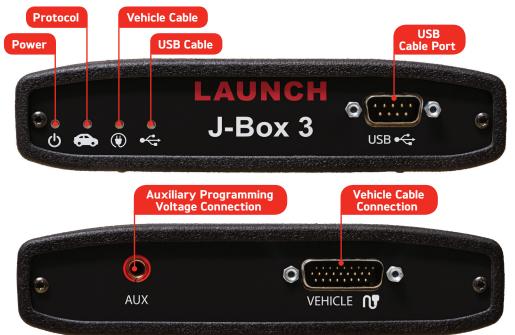
# J-Box 3

**User Guide** 

### Introduction

Thank you for choosing **J-Box 3**! The **J-Box 3** will allow you to re-flash modern vehicle controllers to stock as well as perform dealer level diagnostics on select manufacturer's vehicles. This Quick Start Guide covers the initial setup, features, and common questions. Information for individual manufacturers can be found in the **J2534 Toolbox 3** application.

### Getting to Know the J-Box 3



### **LED Status Lights**

	RI	ED	GREEN		
	BLINKING	SOLID	BLINKING	SOLID	
POWER	Firmware error: Call Technical Support	-	Device startup in progress	Device is functioning	
PROTOCOL CONNECTION	-	-	Connected and communicating with vehicle		
VEHICLE CABLE	-	Cable not connected or cable error	-	Cable OK / Vehicle power (Communication)	
USB CABLE	_	Installation Issue: Call Technical Support	-	Connected to PC	

### J-Box 3

#### **User Guide**

### Installation & Device Activation

#### Windows 10 users:

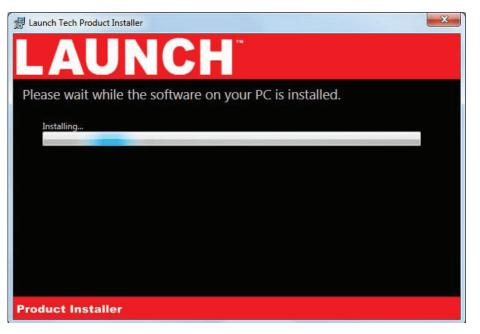
- 1. It is important that you connect the device to your PC first.
  - a. Initial low-level drivers will be automatically downloaded and installed as Windows Update recognizes your device.
- 2. Leave your device connected to your PC and proceed to **Step 1** of the Installation & Device Activation process.
- Insert the CD included with your J-Box 3 into your PC. You will need to have an internet connection to get the latest drivers. If your PC does not have a Disk Drive, please go to the Launch website and click on Downloads to get the J-Box 3 Installer.
- 2. Run the Setup application, check the box next to I accept the terms... and click Install.



# J-Box 3

**User Guide** 

**3.** The Setup application will install the **J-Box 3** Drivers, the J2534 Toolbox 3 on your PC.



4. Once the setup application has finished, Connect the USB cable to your J-Box 3 and to the PC. Once you have gotten a message in the lower right hand corner that the device has been installed, click Activate My device. Then Click Exit.

提 Launch Tech Product Installer
LAUNCH
Successfully installed
Please plug in your device and wait for windows to inform you that your device is ready to be used.
This Launch Tech product requires activation to function; Please press the button below to quickly activate your product (Internet Required).
Activate My Device
Product Installer

# J-Box 3

#### **User Guide**

 The activator application will open after clicking Activate My Device in the setup application. Click the Activate My Device! Button.

🕂 Universal Activator Activation Window
LAUNCH
Welcome to the Universal Activator
Your device requires activation to ensure continued award winning support, best in class quality, and no cost critical maintenance updates. Activating your device does not take long and can be done quickly over the internet. Press the button below to begin. Please ensure you have an active internet connection.
Activate My Device!
Product Installer

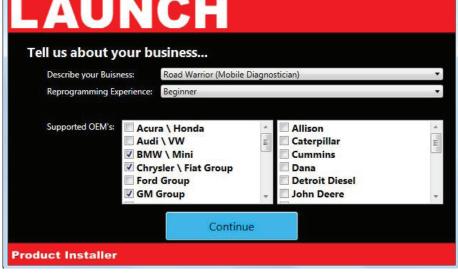
6. Select the interface you want to activate and click **Continue**.

Universal Activator Activation Window	X
LAUNCH	
Select The Device To Be Activated:	
Select The Device To Be Activated:	
Continue	
Product Installer	

# J-Box 3

#### **User Guide**

Ent	er your infor	mation an	d click <b>Continue</b> .
	🛃 Universal Activator /	Activation Window	×
		JNC	
			e, We Need To Know More About You activate your product's warranty; Without it, your product is unprotected.
	First Name:	Steven	Last Name: Atkins
	Country:	US	
	Company:	Grasslands Associ	iate Automtoive
	Address:	39550 Orchard Hi	ill Place
	City:	Indianapolis	
	State:	IN	
	Phone:	317-123-4567	Continue
	Product Insta	ller	
	5 51		ess and level of programming experience, th planning to support.
Clicl	k <b>Continue</b> o	nce you ar	e done.
*	Universal Activator	Activation Window	X
	LAL	JNO	



10 of 17

# J-Box 3

**User Guide** 

**9.** Unplug your **J-Box 3** from your PC and click OK.

Last Che	:cks				
i	Before We Begin				
	Lets take a second and do some final checks.				
	Remove the device from the computer. Press OK when the device is removed.				
	Qk				
Final Checks; Step 1					

**10.** Plug your **J-Box 3** back into your PC, and click OK.

Last Che	ecks				
<b>()</b>	Before We Begin				
0	Plug in the device to the computer. Press OK when ready.				
	Qk				
Final Checks; Step 2					

**11.** Your device has been successfully activates, click **Close Application**.

Universal Activator Activation Window	×
LAUNCH	
Device Activation Status: Success.	
Your Device Has Been Activated Successfully. Please press close, and proceed to use the device.	
Close Application	
Product Installer	

# J-Box 3

### User Guide

### J2534 TOOLBOX 3®

**1.** Double Click the **J2534 Toolbox 3** Icon on the Desktop.



**2.** Select your interface from the drop down and click **Auto Login**.



**3.** The **Toolbox** will open with 6 tabs available. The first is **General**, it has news, current OEM concerns, and training broadcast invitations.

p3b Toollex	
a and out of all a	CarDAQ-Plus 2 v
General V Site V Dispretto V Ritching V Support V Training \	
Headlines, News, Events, and Announcements	
Welcome to the J2534 ToolBox!	Î
Announcements	
The Microcraft Service website has posted FMP version 94.     Without 1 and 1 a	ganning this vehicle, the
	*

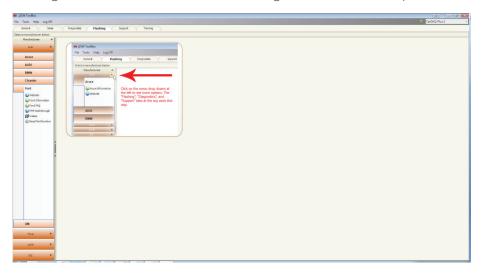
# J-Box 3

**User Guide** 

 The Diagnostics tab has basic Diagnostic functions, as well as links, information and videos about all OEMs that currently provide diagnostics via J2534.

💼 j2534 ToolBox							2 <b>E</b> C
File Tools Help Log Off						S CarDAQ-Plus 2	× .
General Sales	Diagnostics Reshing Support Training						
Select a feature below							
Features 4			-				*
Generic Diagnostics (0062) 🔍			Toyo	ta J2534 Informat	ion		L.
A-6 ¥	Current Issues						
HLa ¥	No Current Issue's concerning Toyota.						
Le-N ¥	Toyota's J2534 Capabilities						
5Z *	Toyota allows dealer level diagnostics and reflashing with J2534 dev						
Toyota	Access to key codes and immobilizer/smart reset capability is availa Professional Registry	ble pending your membe	ership to the N	ASTF Vehicle Security Professional F	Registry. To view details on how to b	ecome part of the registly click here: NASTE Vehicle Security	
Website Toyota	Toyota's Subscription Details						1
Toyota/Lexus/Sdo in Diagnostica Overview Video							
		Subscription Type	Standard	Professional Diagnostic	Security Professional*		
		2 Day	\$15	\$55	\$55		
		Monthly	\$75	NA	NA		
		Yearly	\$400	\$995	\$995		
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Volkswagen	Toyota Technical Support						- 1
Volvo	Toyota Technical support is contacted via E-mail form by clicking her	e: Toyota Support Form					- 1
Heavy Duty ¥	System Requirements						
Europe V	T 4 1 - 11 TR - 1 - 1 - 1 - 1 - 1 - 1		a construction of				-

5. The Flashing tab contains the information pertaining to OEM J2534 re-flashing including links, information, walk-throughs, and some helper functions.



# J-Box 3

**User Guide** 

6. The **Support** tab has functions to check driver installation, vehicle communication, update your device, create debug logs, and contact Technical Support.

					GarDAQ-Plus 2			
Cisprostics V	Flashing Suppo	et Training						
		W	Nucle Chavit		Leg Window			
					Cepy VIN To Clipboard			
		OBD2 Ch	eck Connection					
					Clear Log Window			
Contrast Dates								
		Con	amunicating with the J2534 device.					
VVM hereite hereite								
					Check 5			
A21	04.04	vehicle voltage: 12.6 volts			Coneck a			
Device Name	Not Applicable	Protocol	2atur	V2N				
DLL Version	CarDAQ-Plue 232534	31850vPw	NotActive					
	CN040-Ph/s2PW 0.0.1.8	31850PWM	NotAdive					
Firmware Version	8L:0.0.13 SN:							
PAddress	Not Applicible	150 14230 SLOW						
Serial Number								
		2013/001108						
		5/18						
		SCIA						
		SCI & DIESEL						
	Currett Status Currett Status AR Device Information AR Device Name DL Version Pinnage Version Pinnage Version	Const 2864	OBD2 Ch ODD2 Ch OD2 Ch OD	Centralized Contralized Contra	Constraint     C			

**7.** The **Training** tab includes videos of installing and using OEM J2534 applications with **Launch** products.

# J-Box 3

#### **User Guide**

### **PRODUCT SPECIFICATIONS**

#### **Protocols Supported:**

- \* CAN Bus (CAN FD, ISO 15765, GMLAN, J1939, & ISO14229)
- \* 4 CAN channels (FD CAN, DUAL WIRE)
- Single-wire CAN support
- \* Ford SCP (J1850PWM)
- \* GM Class2 (J1850VPW)
- \* KWP2000 (IS09141/14230)
- Chrysler SCI (J2610)
- \* Compliant to SAE J2534 (FEB 2002) and SAE J2534-1 (DEC 2004)
- \* Compliant to ISO 22900-1 MVCI physical layer
- Programming voltage on J1962 (PIN 6, 9, 11, 12, 13, 14, OR AUX)
- Ground Pin 9

#### **Operating Systems Supported:**

- \* Windows 7<sup>®</sup> (32-BIT/64-BIT)
- \* Windows 8<sup>®</sup> (32-BIT/64-BIT)
- \* Windows 8.1<sup>®</sup>(32-BIT/64-BIT)
- \* Windows 10<sup>®</sup> (32-BIT/64-BIT)

#### **Physical Specifications/Tolerances:**

NAME	VALUE
Dimensions (approximate)	6.5" × 6" × 1.5"
Input Voltage Range	7VDC to 36VDC
Supply Current	220mA @ 7VDC 175mA @ 12VDC
Operating Temperature	0°C to 60°C (ambient)
Storage Temperature	-20°C to 85°C (ambient)
PC Communications Type	USB version 1.1 or higher

# J-Box 3

**User Guide** 

### **Technical Support**

Please contact **Launch** for technical support.

If technical support finds it necessary for the unit to be returned for repair, you will be asked for your contact information and then provided with a Return Authorization number (RA#). **Launch** will use the RA to track the unit through the repair process. Please write this number on the outside of your shipping box so it can be routed to the correct department. If the necessary repair is not covered by **Launch's** warranty, you will be contacted for payment arrangements.







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