MVCI Cable User Manual

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X-Horse Electronics Co., Ltd.

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1. Safety Precautions and Warnings

To prevent personal injury or damage to vehicles and/or the tool, read this instruction manual first and observe the following safety precautions at a minimum whenever working on a vehicle:

- Always perform automotive testing in a safe environment.
- Wear safety eye protection that meets ANSI standards.
- Keep clothing, hair, hands, tools, test equipment, etc. away from all moving or hot engine parts.
- Operate the vehicle in a well ventilated work area: Exhaust gases are poisonous.
- Put blocks in front of the drive wheels and never leave the vehicle unattended while running tests.
- Use extreme caution when working around the ignition coil, distributor cap, ignition wires and spark plugs. These components create hazardous voltages when the engine is running.
- Put the transmission in PARK (for automatic transmission) or NEUTRAL (for manual transmission) and make sure the parking brake is engaged.
- Keep a fire extinguisher suitable for gasoline/chemical/electrical fires nearby.
- Don't connect or disconnect any test equipment while the ignition is on or the engine is running.
- Keep the tool dry, clean, free from oil/water or grease. Use a mild detergent on a clean cloth to clean the outside of the scan tool, when necessary.



2. General Information

Thank you for choosing MVCI Automotive Diagnostic Tool.

This manual includes the use of equipment notes, please read this manual carefully before use so that you can correctly use it.

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3. MVCI Overview

3.1. Tool Description





3.2. Specifications

ITEM	Description
Operating Temperature	-20 to 70 °C (-4 to 158 °F)
Storage Temperature	-40 to 85 °C (-40 to 185 °F)
Diagnostic Interface	16 PIN
USB Interface	USB 2.0
Power	DC 5 V - 36 V
Consumption	0.3 W
Dimensions	Length Width Height 76 mm(2.99") 43 mm(1.69") 19 mm(0.75")
Net Weight	
Gross Weight	103 g



3.3. Accessories Included

ITEM	Description	
User Manual	Instructions on tool operations.	
CD	Includes user manual, drivers, and etc.	
OBD II cable	Communicates between tool and vehicle	
USB cable	Communicates between tool and PC/Laptop	
Carry case	A nylon case to store the tool when not in use.	



PC/Laptop Minimum Specification

	Minimum Specification	Recommended Specification
CPU	Pentium 3/1GHz or above	Pentium 4/1.6GHz or above
Memory(RAM)	256M or above	512M or above
HDD	40G or above	60G or above
Display	800 x 600 or above	1024 x 768 or above
os	Win98/2000/XP/Vista	WinXP
Port	USB	USB

3.5. Features

- Support Toyota TIS OEM diagnostic software
- Supports Diagnostics and Active tests
- Supports most 1996 and newer vehicles with OBDII/DLC3 diagnostics
- Easy to install and carry
- Update firmware online
- Cost-effective
- High performance with ARM chip inside
- Status LED

Supported Protocols

- K-Line ISO 9141
- KWP 2000 ISO 14230-4
- CAN 2.0B ISO 11898
- w.jobd2.jp • CAN ISO 15765-4



4. Installation

1) Click Next





2) Select installation folder, then click Next

🙀 IVCI Driver Setup	
Select Installation Folder	
This is the folder where MVCI Driver will be installed.	
To install in this folder, click "Next". To install to a different folder, enter i	t below or click
"Browse".	
Eolder: C:\Program Files\XHorse Electronics\MVCI Driver\	Browse
	bigwachi
Advanced Installer	
Advanced Installer	Cancel
www.iohd	
3) Click Install to begin installation	
🛃 IVCI Driver Setup	
Ready to Install	
The Setup Wizard is ready to begin the MVCI Driver installation	
Click "Install" to begin the installation. If you want to review or change a	iny of your
installation settings, click "Back". Click "Cancel" to exit the wizard.	
Advanced Installer	
< <u>B</u> ack Install	Cancel



4) Installing...

🛃 IVCI Driver Setup	
Installing M¥CI Driver	
Please wait while the Setu minutes.	up Wizard installs MVCI Driver.This may take several
Status: Copying new	files
(***********]
Advanced Installer	
	< <u>Back</u> Next > Cancel
5) Click Finish to exit ins	
🛃 IVCI Driver Setup	
	Completing the MVCI Driver Setup Wizard
	Click the "Finish" button to exit the Setup Wizard.
	< <u>B</u> ack <u>Finish</u> Cancel



5. MVCI Firmware Update Tool

5.1. Device Information

Click Device Info

🞇 XHorse Firmware Update To	ol 1.4.4	
	Device Information Device SN:	Device Info
	Model: Firmware: Dealer:	Online Update
	Status:	File Update
		Feedback
		About
		Language: English
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5.2. Firmware Update Online

Click Online Update

🔀 XHorse Firmware Update Too	ol 1.4.4	×
	Device Information Device SN: Device Info	
	Model: Firmware: Dealer: Dealer:	
	Status: File Update	
	Message Feedback	
	About	
Xhorse Electronics Ca, Ltd	Language: English	

Select Version, then Click Update

😌 XHorse Firmware Update Tool 1.3.7	×
Device Information Select version to Update	
Version 1.3.7 (2010-05-04) Detail Pdate	
date	
Update Cancel	
Xhorse Electronics Co.,Ltd ••	



5.3. Firmware Update from File

Click File Update

🔀 XHorse Firmware Update To	51 1.4.4	×
	Device Information Device SN:	Device Info
	Model: Firmware:	Online Update
	Status:	File Vpdate
	Message	Feedback
		About
Xhorse Electronics Co.,Ltd	w.joba4	English

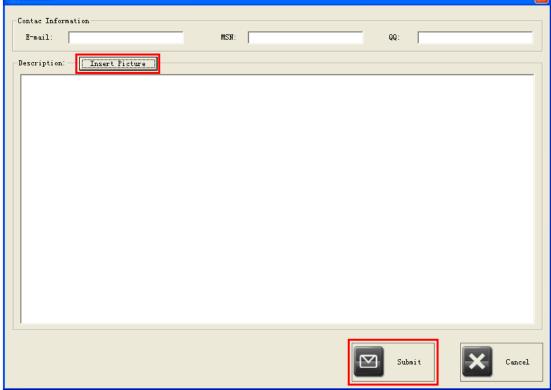
Please contact your dealer to get latest update file.



5.4. Feedback

Click Feedback

🞇 XHorse Firmware Update	: Tool 1.4.4		×
	Device Information Device SN:	Device Info	4 4
	Firmware:	Online Update	
	Status:	File Update	
	Message	Feedback	
		About	
Xhorse Electronics Co.,Ltd		Language:	
You can insert picture	s to description. Click	Submit when finish.	
Feedback			X
-Contac Information			





5.5. Language

Choose your preferred language.

🔀 XHorse Firmware Update Too	ol 1.4.4	×
	Device Information Device SN: Device SN: Device Info	
	Model: Firmware: Online Update	
	Dealer: Status: File Update	
	Message Feedback	
	About	
Xhorse Electronics Ca, Ltd	Language: English	



6. Warranty and Service

6.1. Limited One Year Warranty

X-Horse warrants to its customers that this product will be free from all defects in materials and workmanship for a period of one(1) year from the date of the original purchase, subject to the following terms and conditions:

- This warranty does not apply to damages caused by improper use, accident, flood, lightning, or if the product was altered or repaired by anyone other than the Manufacturer's Service Center.
- X-Horse shall not be liable for any incidental or consequential damages arising from the use, misuse, or mounting of the tool. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.
- All information in this manual is based on the latest information available at the time of publication and no warranty can be made for its accuracy or completeness. X-Horse reserves the right to make changes at any time without notice.

6.2. Service Procedures

If you have any questions, please contact your distributor.

If it becomes necessary to return the tool for repair, contact your distributor for more information.

