

1 支持车型

本适配器专用于奥迪、保时捷、大众、兰博基尼、宾利等MLB车型钥匙的数据采集,并可配合VVDl2 、KEYTOOL PLUS等专业工具实现钥匙的生成和增加匹配。(具体支持匹配的钥匙类型请参阅专用 软件的相关帮助条款)

2 参考操作步骤

2.1 配合KEYTOOL PLUS

第1步:首先确保KEYTOOL PLUS未连接OBD线束,然后将MLB--TOOL适配器连接USB线插入OTG 数据转接器,并将OTG数据转接器的TYPE-C端插入KEYTOOL PLUS平板TYPE-C USB口。将原车 钥匙放置在MLB设备感应区,识别原车钥匙。



第2步:请根据软件相关帮助提示,确认该车型钥匙为设备可支持类型,然后将原车钥匙拆 取出原车钥匙PCB板,参考软件的操作指导提示进行相关焊接操作。焊接操作完成后,将炉 插入MLB-TOOL适配器相应端口、同时将钥匙平放干设备感应区中心位置。 第3步:在MLB-TOOL适配器软件中选择 [采集钥匙数据] 功能,采集并在线计算数据。

第4步:计算数据完成后,可生成经销商钥匙(如需要使用原车ID,请先读取车辆信息获取 使用 [修改钥匙ID] 功能进行操作) 。 第5步:学习匹配新钥匙。



图2.2.1 MLB-TOOL适配器和PC连接示意图

<mark>第1步</mark>:将MLB–TOOL适配器通过USB线连接电脑(无需使用OTG数据数据转接器), 放置在MLB设备感应区,打开MLB软件(MLB–TOOL软件可联系经销或客服获取)。将 放置在MLB设备感应区,识别原车钥匙。

正面



反面

名称:MLB说明书 成品尺寸: 105*142mm 展开尺寸: 525*142mm 材质: 128g双铜彩色双面印刷

화가売, · · · · · · · · · · · · · · · · · · ·	
接线束 ● 请希明显放到设备识别区面进行识别。 ● 電 识别明显 3.1 针对2024年以后部分有SFD诊断保护的车型,需要生成原车ID的经销商后,由第 bFT原型和BL、常原车明显PCB成型示连接,连接完成回点击某集明显发展成 ④ 电,大的需要5-43分钟。最易量计算时间的100钟。计算完成回点击某集明显发展成 果. ● 气 采集明显数据 图 气 采集明显数据 ③ 1 针对2024年以后部分有SFD诊断保护的车型,需要生成原车ID的经销商后,由算	
	是醒,此时需
D Ba 4保修	
VVDI MLB TOOL保修期为一年,以交易凭证上的日期为准;若无交易凭证或交易凭 以厂家记录的出厂日期为准。	证去失,则
5N: 新会词用改数: ● 软件版本: V1.0.10 ● 器件版本: ◎ 未选择 * 以下情形恕不免费保修:	
图2.2.2 MLB-TOOL电脑端软件 ●未按说明书要求使用而造成机器故障的;	
第2步:请根据软件相关帮助提示、确认该车型钥匙为设备可支持类型,然后将原车钥匙拆掉外壳 ●因自行修理或改造导致机器损坏的;	
,取出原车钥匙PCB板,参考软件的操作指导提示进行相关焊接操作。焊接操作完成后,将焊接线 ●因跌落、碰撞或不当电压造成机器故障的;	
束插入MLB-TOOL适配器相应端口,同时将钥匙平放于设备感应区中心位置。 ●因不可抗力造成机器损坏的;	
第3步:在MLB−TOOL适配器软件中选择 [采集钥匙数据] 功能,采集并在线计算数据。 ●因长时间在恶劣坏境中或车辆、船舶上搭载使用,造成机器故障或损坏的;	
第4步:进VVDl2软件MLB菜单(主菜单→钥匙学习→MLB钥匙学习),生成经销商钥匙(如果需 要使用原车ID,先读取车辆信息获取ID,然后使用修改钥匙ID功能)	
第5步:学习匹配新钥匙。	うAPP,咨询
MLB/DIX AMAGE X	
1. 车辆信息 车架号:	!以任何形式对
0 HBLE 1.000000000 0 HBLE 3.000000000 0 HBLE 4.000000000 0 HBLE 5.000000000 0 HBLE 3.000000000 0 HBLE 4.000000000	
原车钥匙 原车钥匙 原车钥匙	
图2.2.3 WVDI2软件学习界面	

Step 1: Connect the MLB-TOOL adapter to the PC via USB cable (no need to use OTG data adapter), put the original key in the MLB device sensing area, and run the MLB software (the MLB-TOOL software can be obtained by contacting the dealership or customer service). Put the original key in the MLB device sensing area to identify the original key.

ML	.B TOOL	Sync Authorization	Update Online	Special Function	Help	-	
0	Please place the ke	y in the device identif	ication area for i	dentification.		ଅଗ୍ର Identif	ication k
0	diagram, and click th about 3-4 minutes. 1	r key, connect the origi he collect key data butto The server takes approx is completed, please so	on after connection mately 10 seconds	 It will take to calculate. 		Colles ery last succ	ct key da' essful resu
		n data saved in the se DI 2 or KEY TOOL PLU				🐮 Make	Dealer K
🗅 Log	g						
L006	91						
SN:	Remaining time	⊧s: ∣	0.2.0 😻 FW ver:-	Sil Disconnect	ed		

Step 2: Please follow the software's help tips to confirm that the key is a supportable type for the device, then remove the shell of the original key, take out the original key PCB, and refer to the software's operating instructions to perform the relevant welding operation. After the welding operation is completed, plug the welding harness into the corresponding port of the MLB-TOOL adapter, and at the same time, put the key flat in the center of the device's sensing area.

Step 3: Select the [Key Data Acquisition] function in the MLB-TOOL adapter software to acquire and calculate data online.

Step 4: Enter the MLB menu of VVDI2 software (Main Menu->Key Programming->MLB Key Programming), generate a dealer key (if you need to use the original key ID, first read the vehicle information to get the ID, and then use the [Modify Key ID function]). Step 5: Program New Key.

. Vehicle information			
VIN:			
Key count:	Locked key:		Read vehicle information
Dealer key:	Learned key:		
O Key 1. 00000000	OKey 2. 00000000	OKey 3. 00000000	О Кеу 4. 00000000
O Key 5. 00000000	O Key 6. 00000000	OKey 7. 00000000	O Key 8. 00000000
. Key Learning			
Number of keys to learn:	2		Key Learning

3 At

3.1 For some models with SFD diagnostic protection after 2024, it is necessary to make the dealer key with original key ID and then use the ODIS software to program remotely by a third party.

3.2 The device needs to be regularly synchronized with the network, the default number of uses is 1000, when the remaining number of times is insufficient, the system will be reminded, at this time you need to synchronize with the network authorization, the number of uses will be restored to the default after the success of synchronization.

4 Warranty

The VVDI MLB TOOL warranty period is one year, based on the date on the transaction voucher; if there is no transaction voucher or if the transaction voucher is lost, the factory date recorded by the manufacturer shall prevail.

- * The warranty is not free of charge in the following cases:
- The machine malfunctions as a result of not using the machine according to the instructions;
- Damage to the machine caused by self-repair or modification;
- Machine failure due to drop, collision or improper voltage;
- If the machine is damaged due to force majeure;
- If the machine malfunctions or is damaged due to prolonged use in bad conditions or on vehicles or ships; • The main unit housing is dirty and worn out due to use.

For product after-sales maintenance and technical support, please contact your dealer or scan the QR code on the back of the manual, download the Xhorse official APP and consult online customer service.

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