



HP201.6V Battery Pack Assembly Manual (HP201.6V 电池组装手册)

The manual applies to TOYOTA COROLLA/LEVIN hybrid battery replacement guide.

(该手册适用于丰田卡罗拉、雷凌动力电池替换指导)

1. Please open the box individually and find the components in following list（打开箱并在盒子里找到如下部件）：

NO. 序号	Name 名称	Quantity 数量
1	Module 模组	14
2	Voltage collection wiring harness 电压采集线束	1
3	Copper busbar 连接铜牌	13
4	M5x10 Combination nut M5x10 组合螺母	28
5	EPDM buffer strip EPDM 缓冲条	6
6	Cover plate #2 盖板 2	13
7	Cover plate #3 盖板 3	1
8	Cover plate #4 盖板 4	1
9	Insulating tape 绝缘胶带	1

2. The combination of modules（模块之间的组合）。

The 14pcs modules should be combined successively according to serial number which marked on the module. The modules and hoops should be installed in the correct position as shown in the following figure.

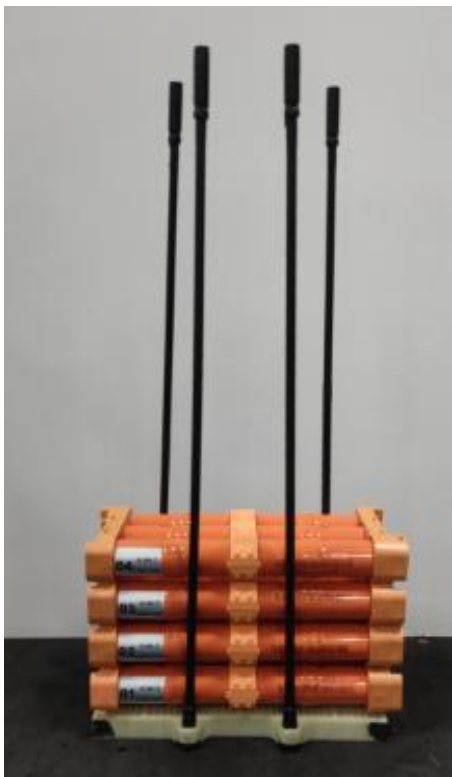
（14个模块按序列号依次组合在一起；模块和卡箍应该放置在适当的位置）。



3. Wrap the 4 fixed brackets with insulating tape to ensure the insulation between the modules and the fixed brackets. (将4根固定支架用绝缘胶带进行缠绕，确保模组与固定支架的绝缘性)。



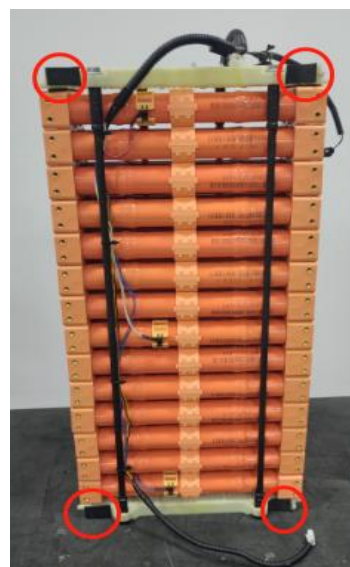
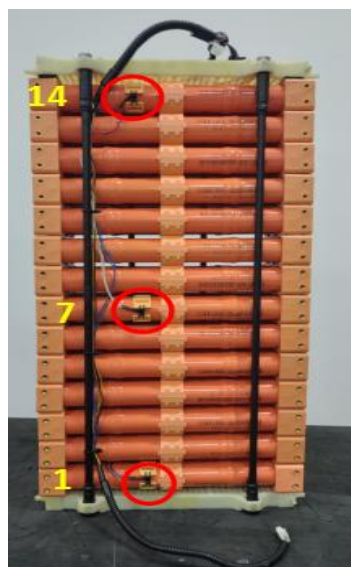
4. The installation of modules (模组安装)。
Install modules 01#~14#. (将01#~14#模组进行安装)。



5. Stick EPDM buffer strips on the end clasps of 14# module to raise the height, then fix and tighten the splint screws. (将14#端部卡环上端贴入EPDM垫高，并将夹板螺丝进行固定拧紧)。



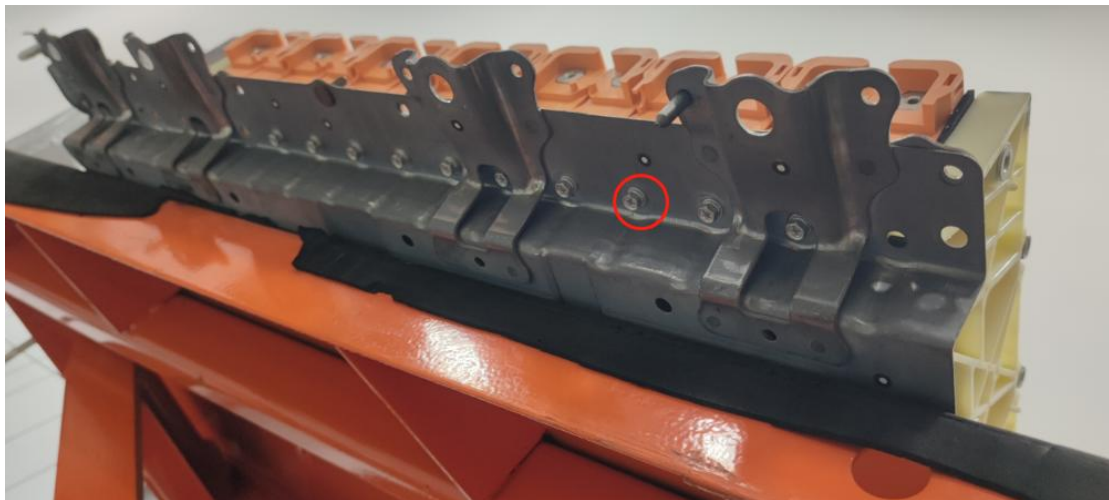
6. Install the original temperature collection wiring harness and the temperature clips onto the modules 1#, 7# and 14#. And fix the temperature collection wiring harness on the bracket with cable ties. Then stick the EPDM buffer strips on 4 corners of the splints. (安装温度采集线束，将温度卡扣在1#、7#、14#模组上，并用扎带将温度线束固定在支架上。然后将夹板上4个角贴入EPDM缓冲条)。



7. Place the module kits into the sheet metal housing, and fix the splints into the positioned holes. (将模组抬入钣金件中，固定夹板放入定位孔当中)。

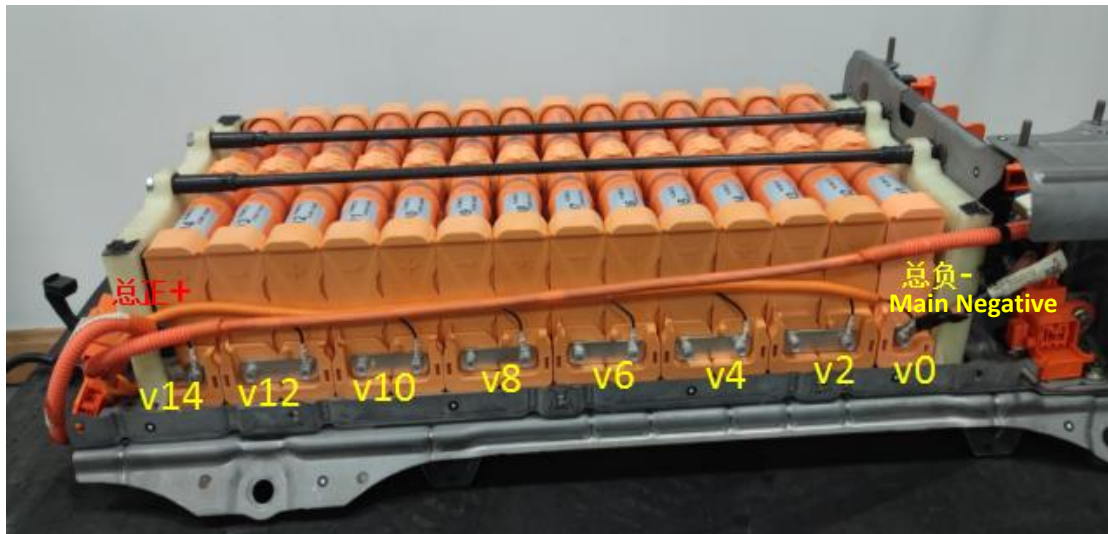


8. Tighten the fixing screws on both sides of the bottom of the modules.
Note: torque of screws is 5 ~ 6N•m (将模组底部两侧固定螺丝进行拧紧
注：螺丝扭力5~6N•m)。



9. Install voltage collection wiring harness and copper busbar.

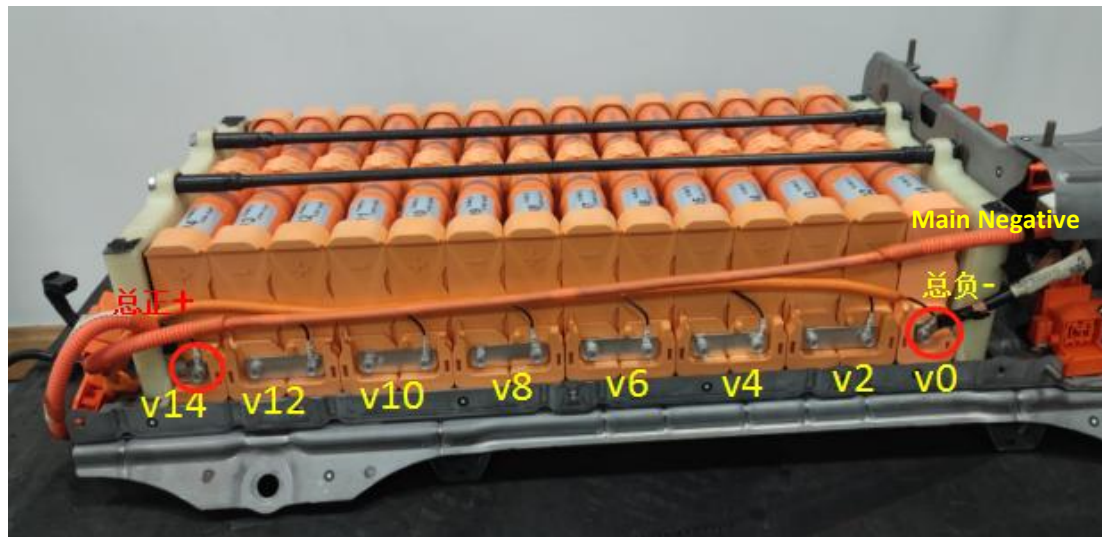
Note: torque of screws $5 \sim 6\text{N}\cdot\text{m}$ (安装电压采集线束及连接铜牌 注: 螺丝扭力 $5\sim 6\text{N}\cdot\text{m}$)。



10. Install voltage collection wiring harness and copper busbar on the other side. Note: torque of screw is $5 \sim 6\text{N}\cdot\text{m}$. (安装另一侧电压采集线束及连接铜牌 注: 螺丝扭力 $5\sim 6\text{N}\cdot\text{m}$)。



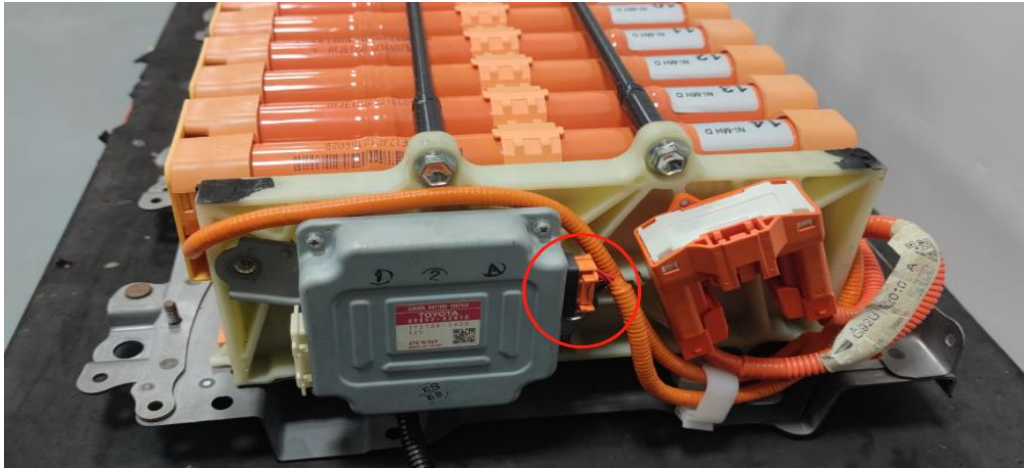
11. Install the main positive and main negative power wiring harness.
(安装总正、总负动力线束)。



12. The installation of cover plates (安装盖板)。
Install the cover plates #2、#3、#4 individually. (安装盖板 2、盖板 3、盖板 4)。



13. Install the plugs of voltage collection wire and temperature sensor according to the original position. (按原位置安装电压采集接线插头和温度传感器插头)。



14. Install the cover plate of battery pack. (安装电池组件盖板)。



15. Put the assembled battery pack back to the vehicle, and correctly insert the positive and negative plugs and the collection wiring harness plugs (the correct position are marked with red circle in the follow picture). (完成组装的电池组件，然后放回车辆，正确将正负极接头对插、采集线束接头对插)。



16. Check everything correctly after complete all accessories installation , then install the original insurance component(MSD). (完整安装所有配件，正确检查一切后安装 MSD 维修保险)。



Finally, start the vehicle. (最后,启动车辆)。