

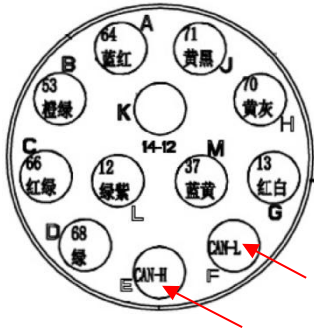
Bange&OAK E108 fault troubleshooting and steps

1, Fault cause

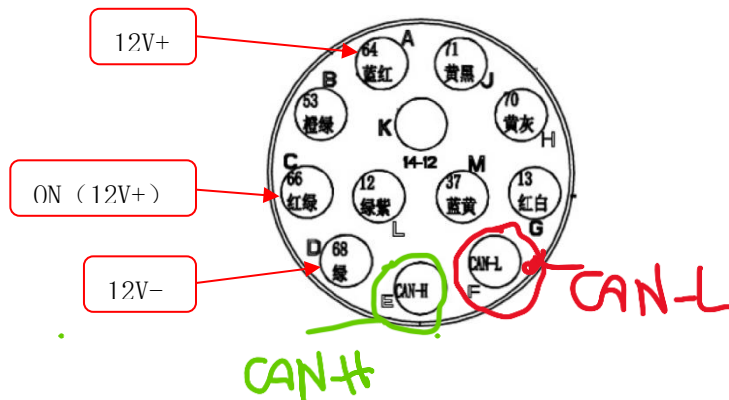
E108 fault code is sent by the motor controller because the motor controller did not detect the BMS communication message.

2, E108 fault troubleshooting

① Check if the controller with 1 long and 8 short beep sound, and check if the CAN-H&CAN-L in the power battery communication connector L52-STP83-12P-W-Q1 has needle withdrawal and insertion deviation.

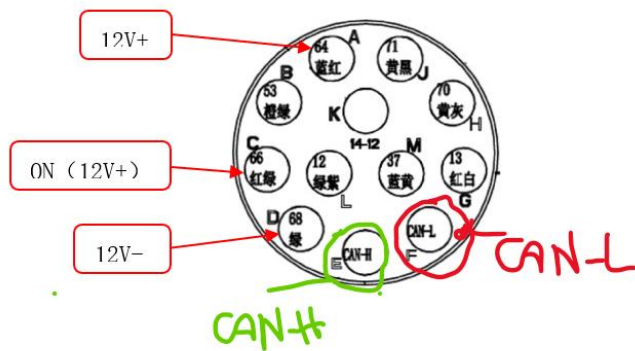


② Power on the vehicle, and check if there is a 12V power supply in the communication connector L52-STP83-12P-W-Q1, as without it, the BMS will not start.

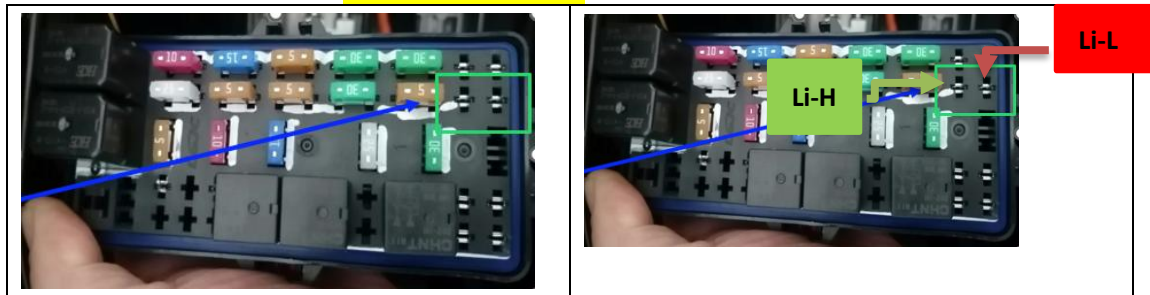


Check Can Line: All the Controllers





Check Can Line Power Battery



③Check if there is a short circuit on the vehicle's CAN bus, such as water ingress or ; Turn off the power lock key and use a multimeter to check if the resistance between the vehicle CAN-H and CAN-L is Bange: $60\ \Omega$; OAK: $40\ \Omega$, and the jumping range of CAN resistance cannot exceed $\pm 1\ \Omega$.

3, If there are no issues with the second step of inspection, please use the CAN card to check that the version number of the power battery program, Bange, is V20.2.0.47; The OAK is 32. If the vehicle does not have these two program version numbers, please follow the steps in the USBCAN connecting, software installation, and using steps file to update the program and parameters

基本信息					
SOC	50	%	额定容量	108.0	AH
电池组总压	75.6	V	电池组电流	1.0	A
供电电压	13.0	V	Charger电压	0.0	V
绝缘高压信息					
扩展总压1	75.8	V	扩展总压2	0.0	V
扩展总压3	0.0	V	绝缘采样电压	0.0	V
正极绝缘	6553.5	Ω/V	负极绝缘	6553.5	Ω/V
正极绝缘阻值	65535	KΩ	负极绝缘阻值	65535	KΩ
设备信息					
设备型号	BIV32A	-	唯一编码	0593336C045C	-
生产日期	2021/12/18	-	更新日期	2022/3/8	-
订单版本	V20.2.0.47	-	硬件版本	V1.1.1	-
软件版本	V1.3.5	-	Boot版本	V2.0	-