【 X431PRO function articles】2011 F chassis BMW replacement JBE connection box electronics Device code operation method:

Original 2016-03-22 Golo official micro golo official micro:

Measured models: BMW, 2011 models,VIN=LBVFP3905BSE*****,as picture 1;

picture1

The car replaced the new JBE / JBBF junction box electronics. Because JBE junction box electronics have a central role in the vehicle, they can control or monitor signals such as central locking, windshield wipers, and interior mirrors, so reading the JBE / JBBF junction box electronics with the X-4231PRO3 Device multiple fault code, shown in Figure 2:

菜单	故障码显示		登录
宝马 V49.01 > 手动选择 > 5系列 > 5'_F10/F11/F18 > 车身部分 > JBE/JBBF (连接盒电子)			
故障码	描述	状态	配件
802104	JBE：未存储当前设码数据	间歇	🔍
802107	JBE：控制单元未针对本车设码	间歇	🔍
80209D	中控锁：联锁继电器损坏或保险丝开路	永久	🔍
C90C7E	挡风玻璃刮水器：安装了错误的系列	间歇	🔍
C90CAC	车内后视镜：不希望的 LIN 组件	永久	🔍
C90CAD	雨天 / 行车灯 / 光照 / 雾气传感器：不希望的 LIN 组件 间歇		🔍

Picture 2

X431PR03 Read the vehicle configuration information，as picture3;

picture3

In general, BMW F series to be replaced after the ECU programming. In practice, you do not have to program, you can try to set the code, Can not meet the requirements and then seek programming. In this case, after replacing a new ECU module with JBE (junction box electronics), the code is matched and the programming is not required.
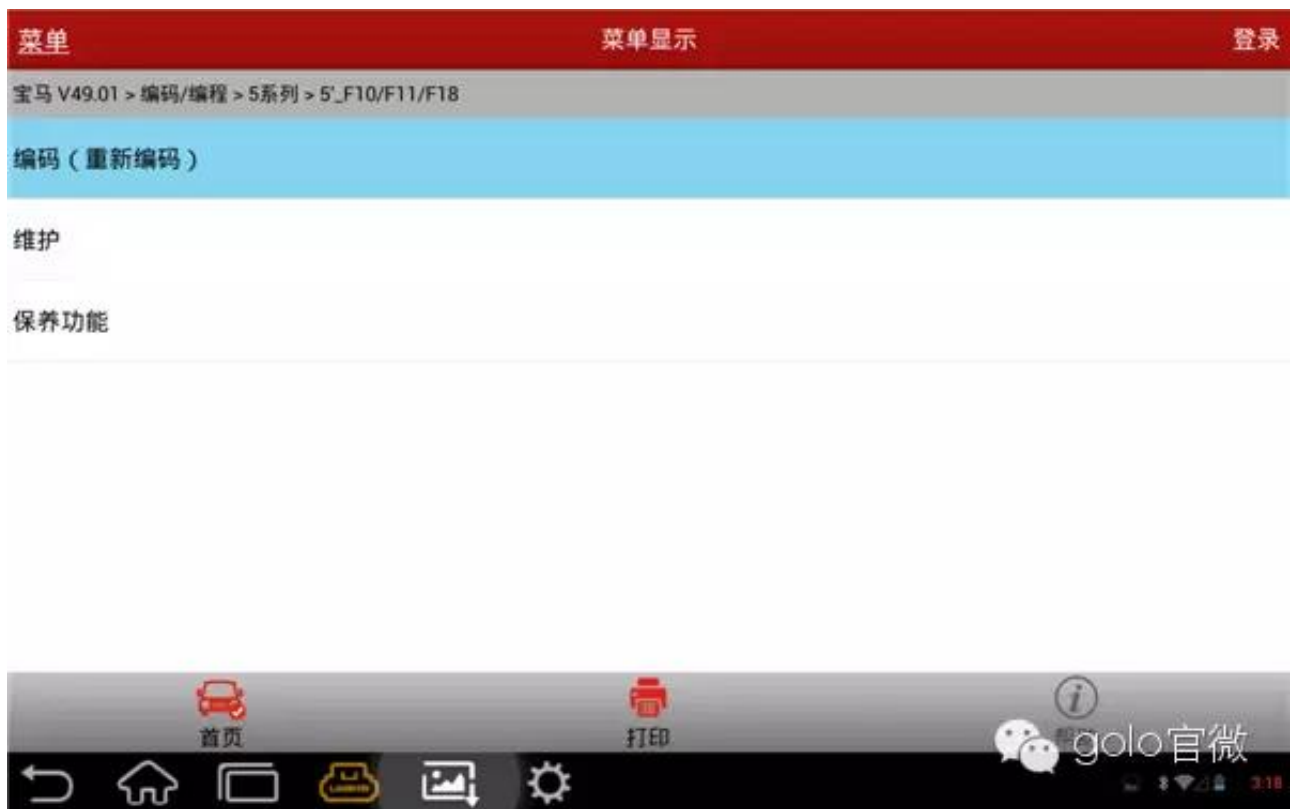
Caution

Before starting the test, follow these instructions：

- If the vehicle has a manual gearbox, release the clutch pedal；
- The vehicle is still；
- Parking brake must be applied；
- For manual gearbox, shift lever to neutral；
- For automatic gearbox, shift lever to P position；

Steps

1. Select BMW V49.11 and above；
2. Choose programming / coding；
3. Select 5 series；
4. Select 5'_F10/F11/F18；
5. Choose encoding (recoding)，as picture 4；

6. Choose a coding system list，as picture

7. Choose JBE / JBBF (box electronics).

As picture 6;

TCM (自动变速相控制模块 - EGS)

SZL (转向柱控制中心)

GWS (档位选择开关)

JBE/JBBF (连接盒电子)

FZD (天窗功能中心)

AC (空调系统 - IHKA)

CID (中央信息显示器)

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picture6

8.　If the current system does not correspond to the code data, will be prompted to manually select one, you can choose, (*) for the current level of integration data, Recommend this. If not, then the lowest recommended level.

JBE/JBBF (连接盒电子)
当前ＥＣＵ没读取到对应的设码配置。以下为计算出的可能值，请选择所需要数据的集成等级。(•)为建议项。

F010-15-11-500

F010-15-11-501

F010-15-07-500

F010-15-07-501

F010-15-07-502

F010-15-07-503

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picture7

9. According to the measured data in Figure 3, it can be seen that the current vehicle data level is F010-13-03-502 (March, 13 version), and the available data level of the

accessories (found by code operation in the back) is F010-15-07-500 July 15 version).
Accessory data levels are much. larger than the current data level. As shown in FIG. 7,
"the current code data is not stored". At this point, to consider programming. In fact,
PRO series BMW code support manual selection. The code data level (version> = V49.11)
allows the code to be coded even if the corresponding data level can not be read in the
vehicle. 9. Select F010-15-07-500 (July 15 version) code, until prompted to succeed, as
shown in Figure 8.

picture8

10. After the code is completed, enter the automatic scanning or manually select the
corresponding system, read / clear the fault code to see if the corresponding fault still
exists to determine whether the code is valid. Some systems may also need to do the matching
function. Editor: As a general rule, do not programmatically codeable.