Operating Instructions for the Function of BMW

CAS4/CAS4+Key Adding

I Function introduction

Support the functions of Key Adding and All Lost for BMW CAS4/CAS4+Anti-Theft System Module, and 32-digit Engine ISN is required for CAS4+Immobilizer Module All Lost.

II Condition requirements

Device requirements

PRO and other Android devices of 431 products, X431-G/X431-G3 Immobilizer with key adapter;

Software requirements

BMW V50.54 and above

III Steps

The function of CAS4 Immobilizer Module Key Adding is described as below:

1.1 Enter the software, and select [Anti-Theft System], as shown in Figure 1.
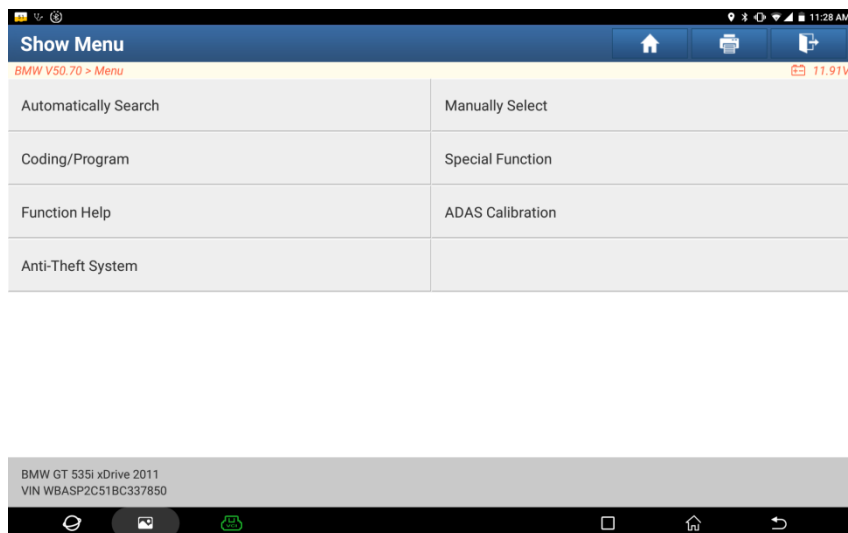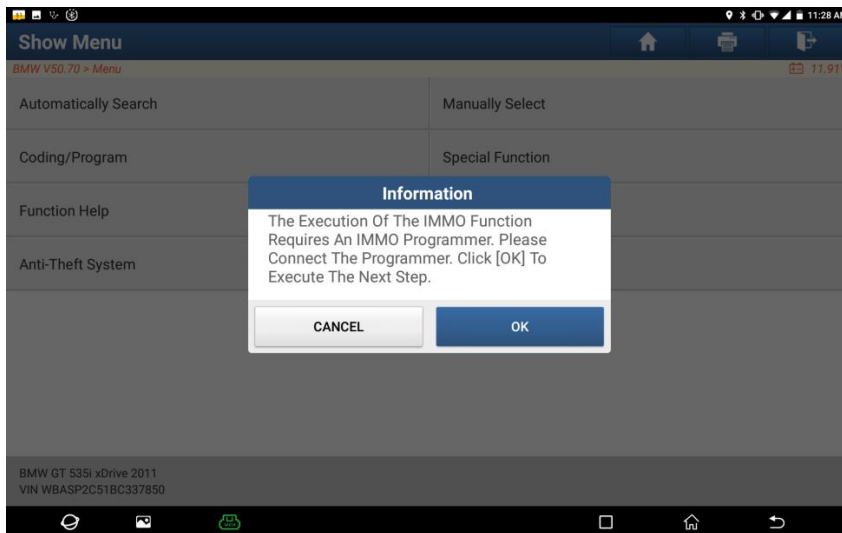

Figure 1

1.2 Click [OK], as shown in Figure 2.

Figure 2

1.3 Enter the Anti-Theft System, and you need to connect with X431-G/X431-G3 Anti-Theft key adapter to perform the next step, as shown in Figure 3.
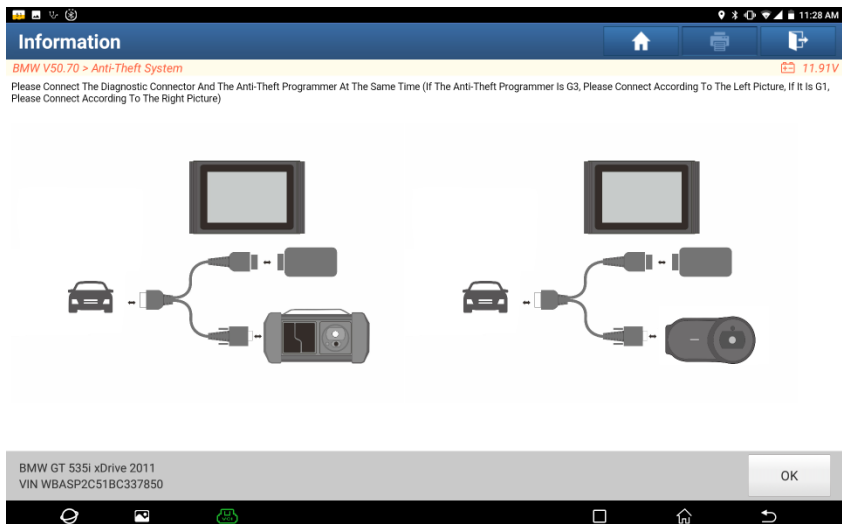

Figure 3

1.4 If you don't know the type of the Anti-Theft System, you can select [Intelligent Mode] to enter, as shown in Figure 4.
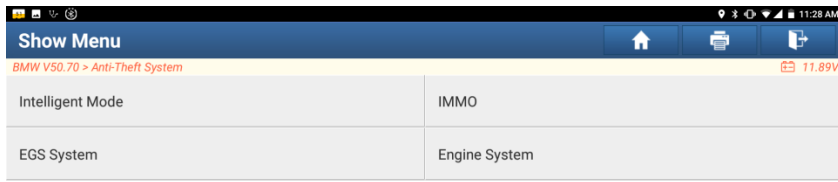
Figure 4

1.5 Jump CAS4/CAS4+ Anti-Theft System to the corresponding Anti-Theft system menu, as shown in Figure 5.
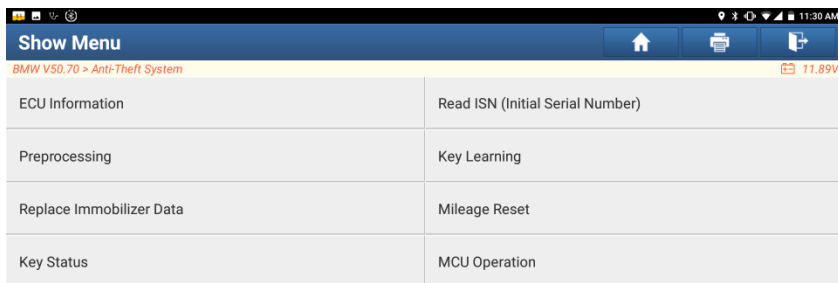

Figure 5

1.6 Click [Preprocessing], you need to preprocess the module to perform Read Anti-Theft data, Key Matching and more. If it has already been preprocessed, you can perform relevant functions. The ECU will be upgraded in this process, and files need to be downloaded online. Please connect to the network in advance, as shown in Figure 6.
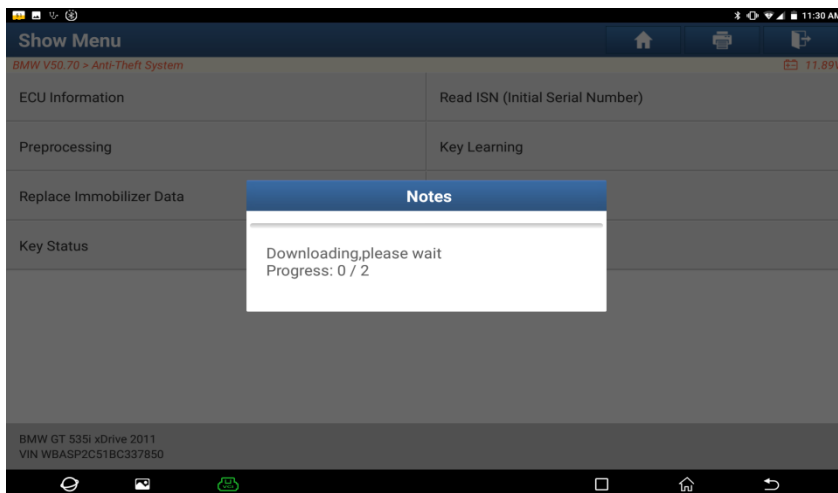
Figure 6

1.7 Make sure that vehicle power supply voltage stable, and then click [Yes], as shown in Figure 7.
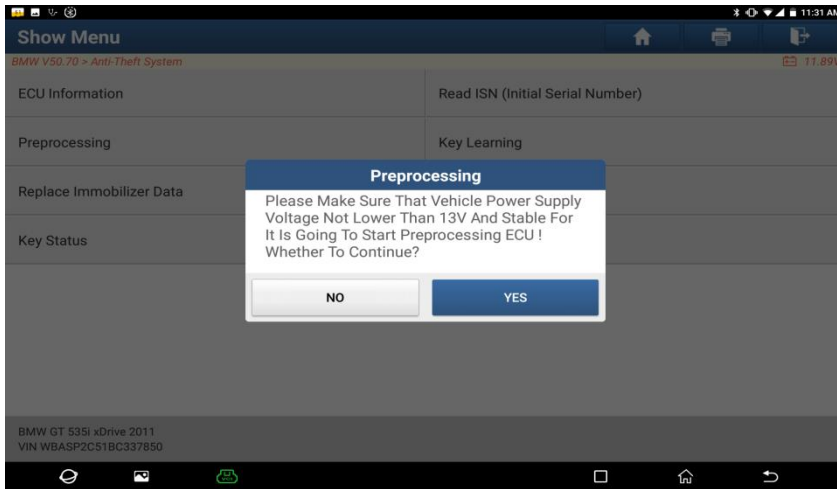

Figure 7

1.8 After preprocessing succeeded, click [OK] button, as shown in Figure 8.
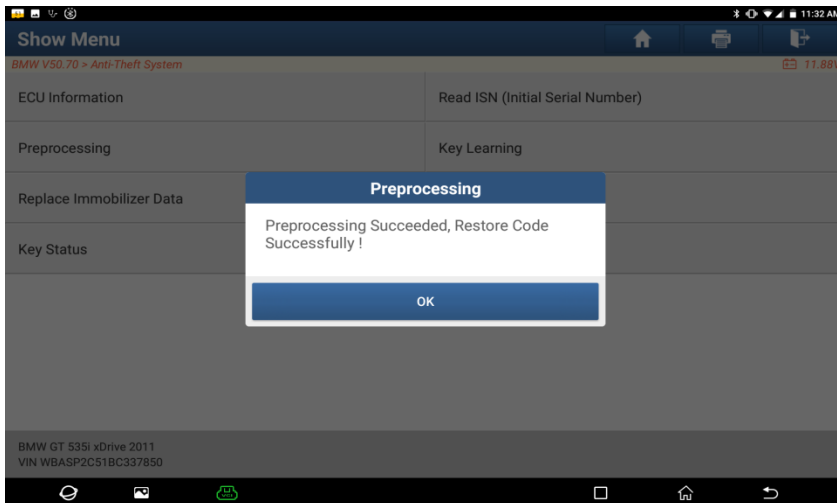

Figure 8

1.9 After preprocessing succeeded, return to the function menu and click [Key Learning] function, as shown in Figure 9.
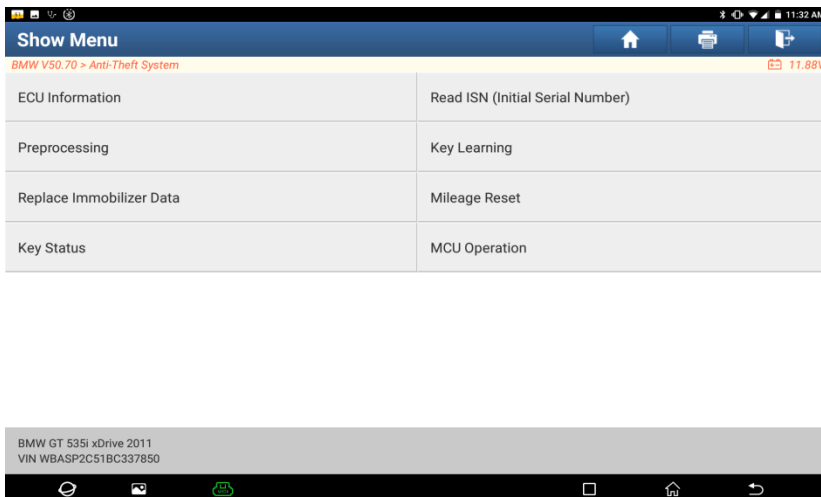
Figure 9

1.10 After the key information successfully read, select the unused key position and click [Key Generated By Ignition Switch], as shown in Figure 10.
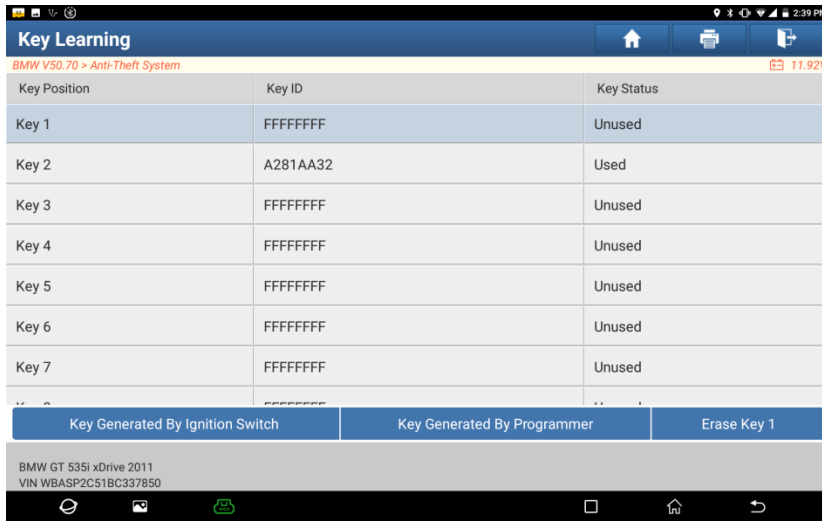

Figure 10

1.11 Read and display the password, and click [OK] button, as shown in Figure 11.
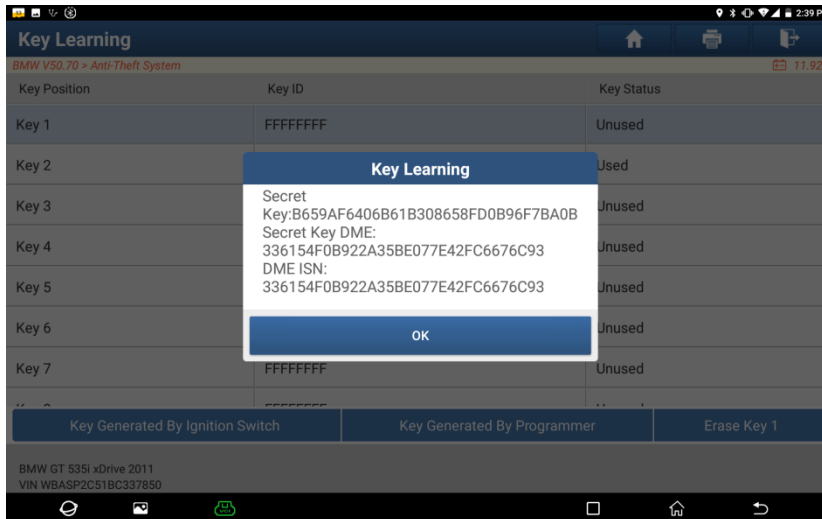

Figure 11

1.12 Please place a new key close to vehicle coil, click [OK] button, and wait for key generation, as shown in Figure 12 and 13.
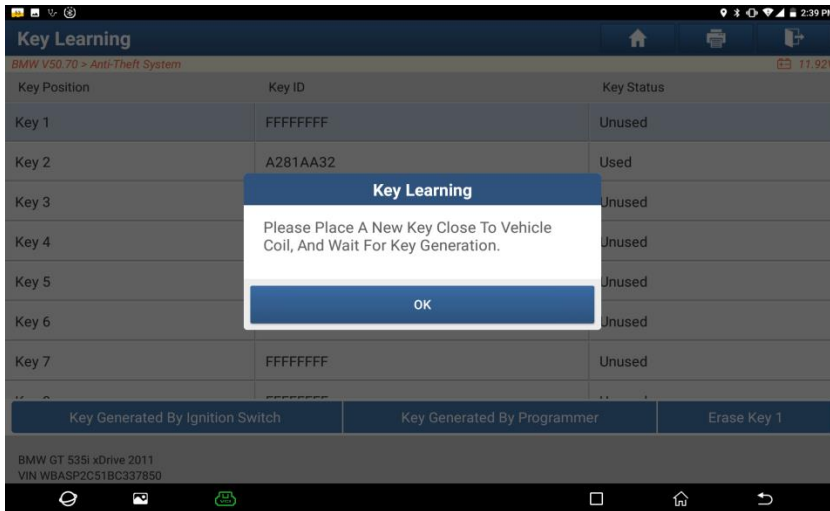
Figure 12

Figure 13

1.13 The dealer key is successfully generated, please try to start vehicle, as shown in Figure 14 and 15.
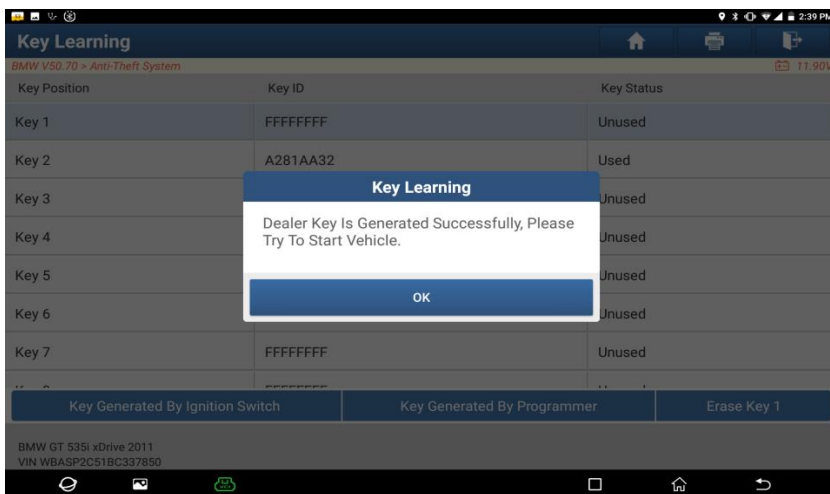

Figure 14

Figure 15