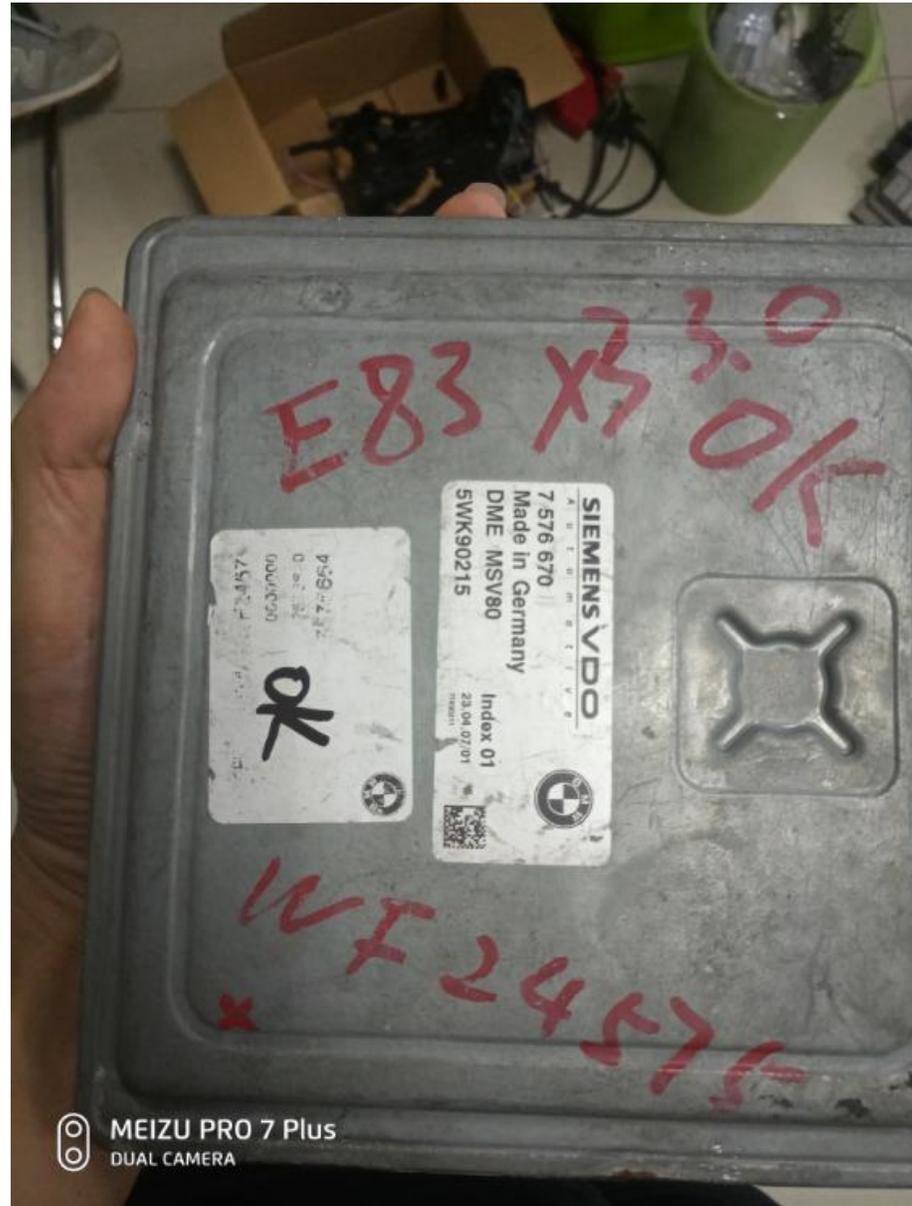




**CAS3 replace the D80 Engine Computer**

**CG-DI**



**MSV80 engine computer style**



**stitching**

CGDI

Device activation time remaining 2 days



BMW OBD Key Match



CAS3 Key Match



BMW ISN



FEM/BDC Key Match



CAS4 Key Match



BMW Enable/Disable key



BMW F Series Program



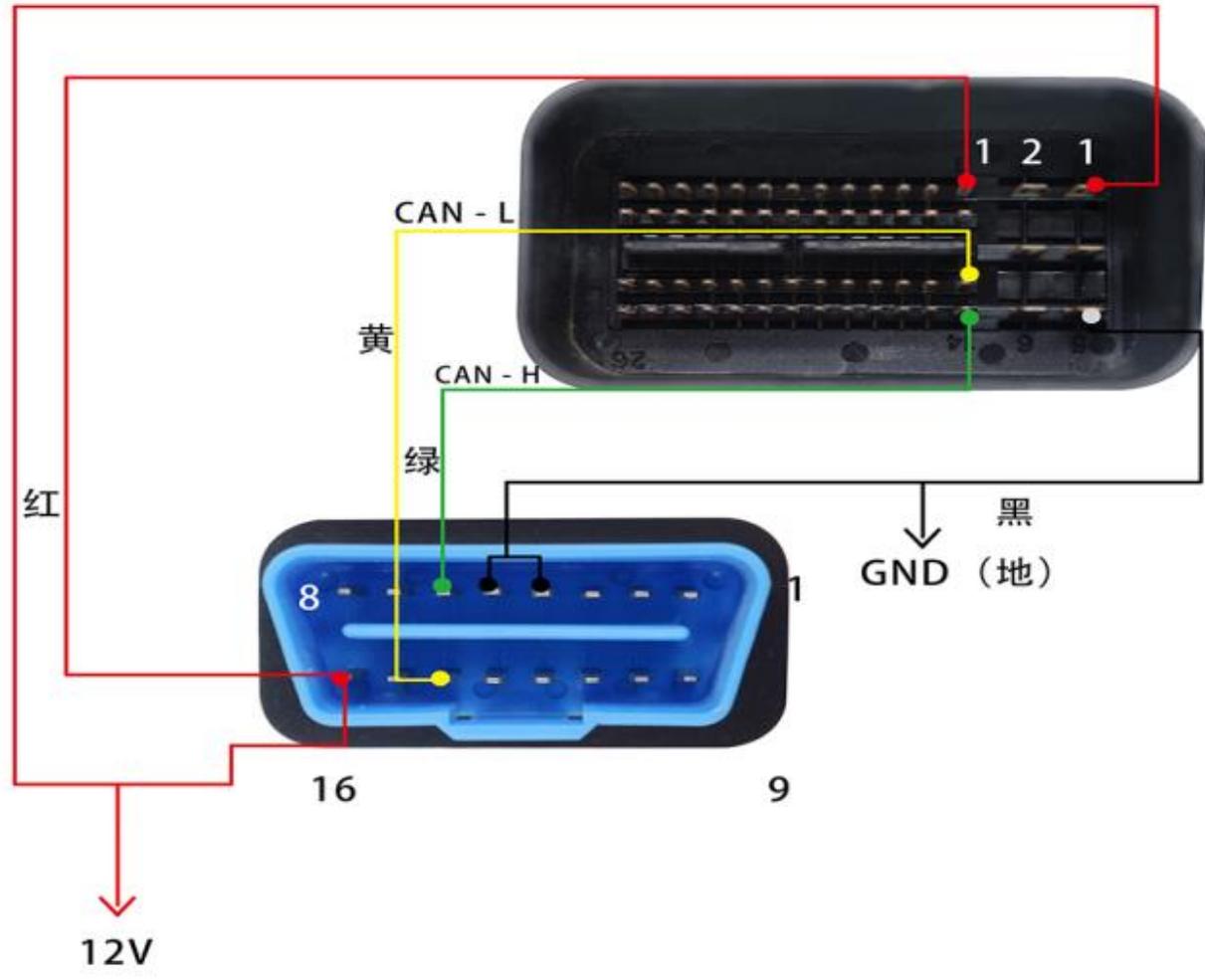
BMW F Series Coding



EGS ISN

Click on the BMW ISN

MSV80 Wiring diagram



Wiring diagram

Read DME ISN

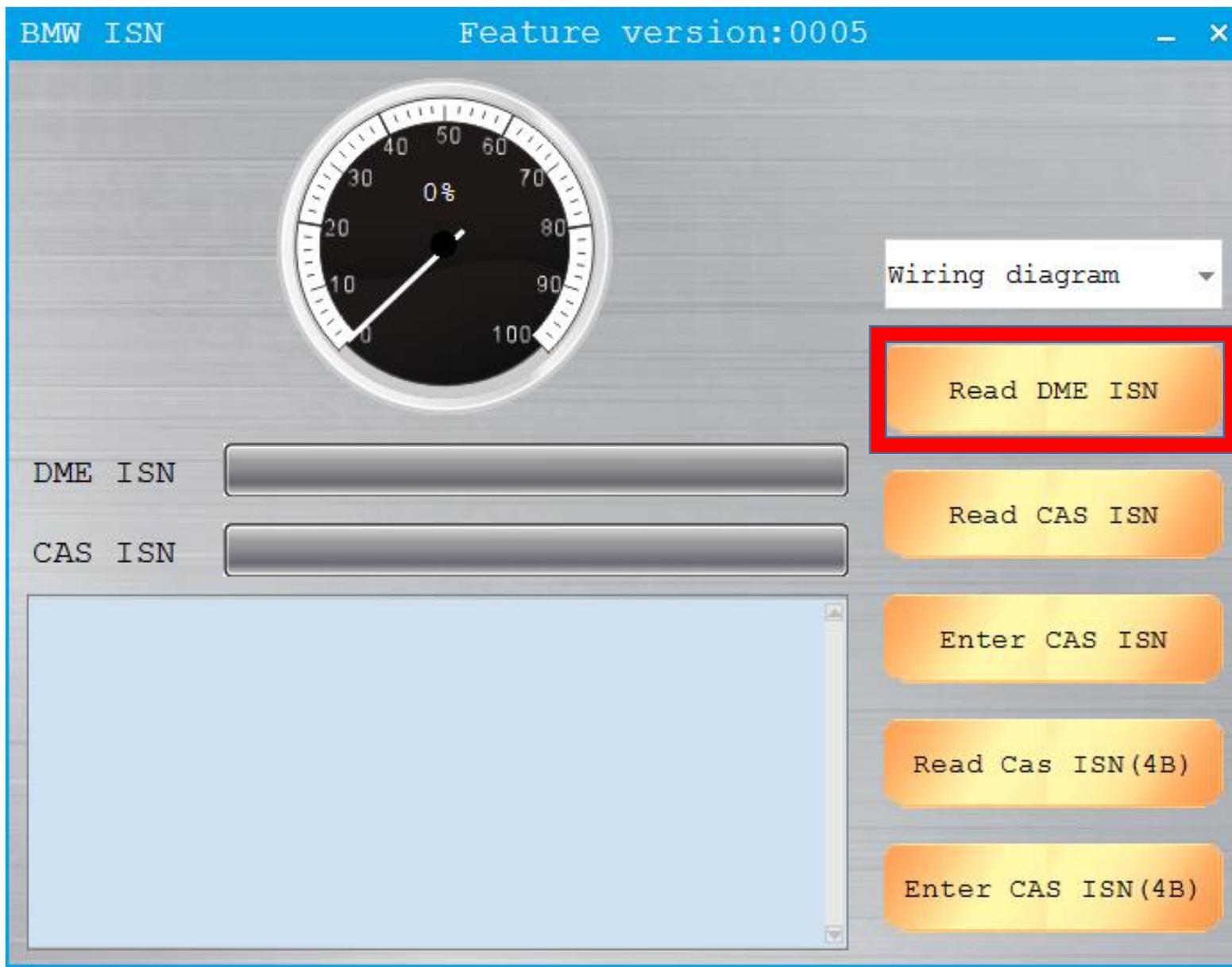
Read CAS ISN

Enter CAS ISN

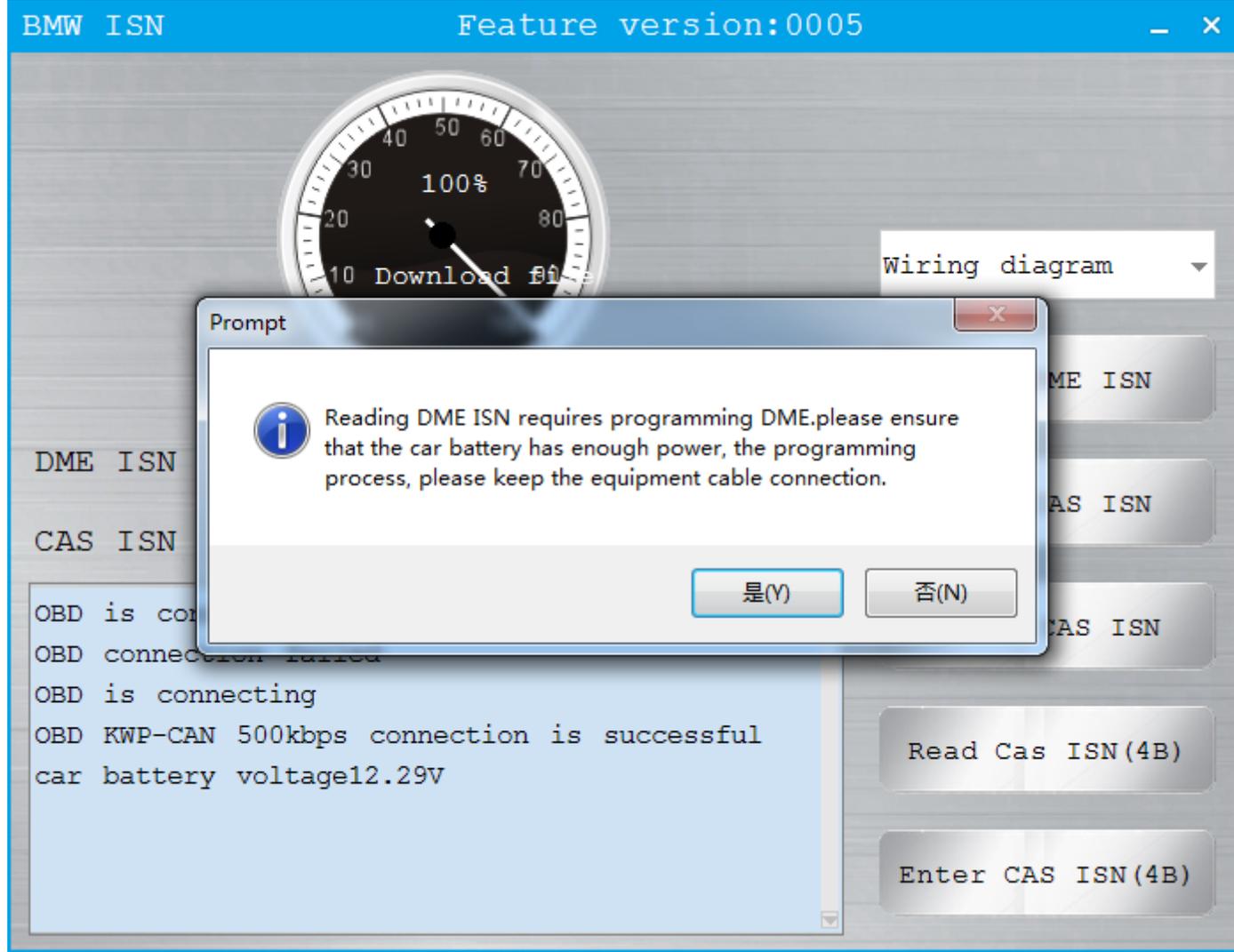
Read Cas ISN(4B)

Enter CAS ISN(4B)

MSV80 Wiring diagram



Click to read DME ISN



Make sure the battery has enough power and not disconnected

BMW ISN Feature version:0005



Wiring diagram

Read DME ISN

Read CAS ISN

Enter CAS ISN

Read Cas ISN(4B)

Enter CAS ISN(4B)

DME ISN

CAS ISN

```
OBD connection failed
OBD is connecting
OBD KWP-CAN 500kbps connection is successful
car battery voltage12.29V
Prepare the programming ECU
Security authentication is in progress
Safety certification through
Flash is being erased
```

Need about 5 minutes. Please be patient

BMW ISN Feature version:0005



Wiring diagram

Read DME ISN

DME ISN **A11CE37D433CE192652856BDC245F29D**

Read CAS ISN

CAS ISN

Enter CAS ISN

Read Cas ISN(4B)

Enter CAS ISN(4B)

```
Security authentication is in progress
Safety certification through
Flash is being erased
erase Flash success
The ECU is being programmed
is verifying Flashes
verify that Flash is correct
read DME ISN success
```

Read DME ISN successfully



Read the CAS ISN

BMW ISN Feature version:0005



Wiring diagram

Read DME ISN

DME ISN A11CE37D433CE192652856BDC245F29D

Read CAS ISN

CAS ISN 2C2DEFAA5BBBC3115C23DD1CD04F7F33

enter flash success  
The ECU is being programmed  
is verifying Flashes  
verify that Flash is correct  
read DME ISN success  
OBD is connecting  
OBDII-KWP connection is successful  
The data was read successfully

Enter CAS ISN

Read Cas ISN(4B)

Enter CAS ISN(4B)

CAS ISN read successfully

BMW ISN Feature version:0005



Wiring diagram

Read DME ISN

DME ISN A11CE37D433CE192652856BDC245F29D

Read CAS ISN

CAS ISN A11CE37D433CE192652856BDC245F29D

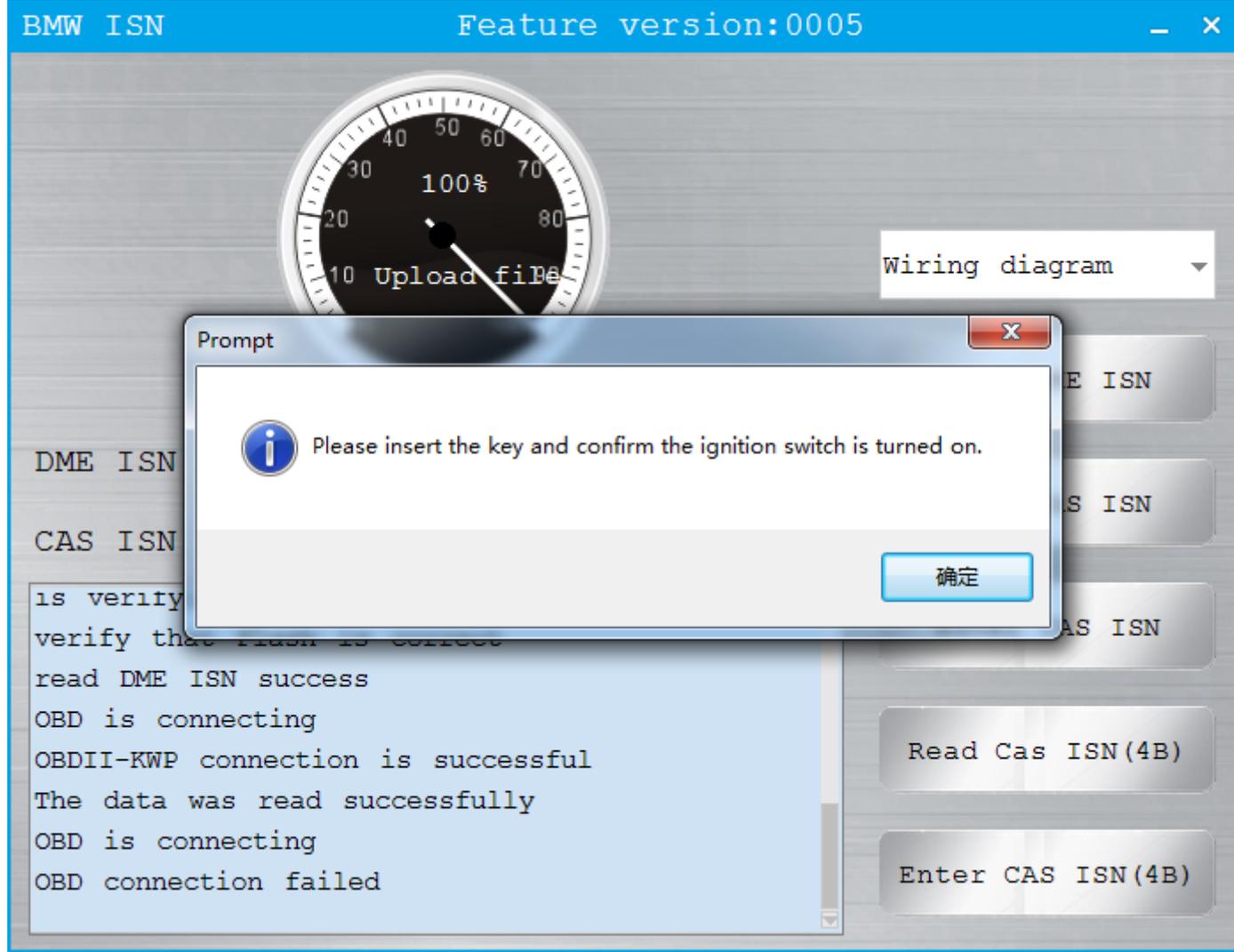
Enter CAS ISN

Read Cas ISN(4B)

Enter CAS ISN(4B)

```
erase flash success
The ECU is being programmed
is verifying Flashes
verify that Flash is correct
read DME ISN success
OBD is connecting
OBDII-KWP connection is successful
The data was read successfully
```

Copy the DME ISN to the position of CAS ISN and write it



Please insert the key and confirm the ignition switch is turned on

BMW ISN Feature version:0005



Wiring diagram

Read DME ISN

Read CAS ISN

Enter CAS ISN

Read Cas ISN(4B)

Enter CAS ISN(4B)

DME ISN A11CE37D433CE192652856BDC245F29D

CAS ISN A11CE37D433CE192652856BDC245F29D

```
OBD connection failed
OBD is connecting
OBD connection failed
OBD is connecting
OBD connection failed
OBD is connecting
OBDII-KWP connection is successful
written CAS ISN success
```

Written CAS ISN SUCCESS