

2010.JULY

17

Total Diagnostic Solutions

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Trade Show

Automechanika Frankfurt 2010

September 14 - September 19, 2010

Messe Frankfurt GmbH -- Ludwig-Erhard-Anlage 1, 60327 Frankfurt am Main
Hall & Booth Number: **Hall 9.0 E92**

AAPEX 2010

November 2 - November 4, 2010

Sands EXPO Center, Las Vegas, NV, USA

Booth Number: **1258**

We look forward to greeting you there!



● Exhibited at Taipei AMPA 2010 (April)

iSCAN-II / D91 Latest Versions (May & June, 2010)

iSCAN-II SMART	V3.00 / V2.00 SP1 / V1.02SP3	English/Chinese/Japanese	2010-06-15
iSCAN-II IMS2-PORSCHE	V1.02	English/Chinese	2010-06-15

iSCAN-II SCOPEMETER	V1.00	English/Chinese/Japanese	2010-06-15
iSCAN-II NISSAN	V3.00 / V2.03 / V1.07	English/Chinese/Japanese /Spanish	2010-06-11
iSCAN-II MB	V3.01 / V2.02 SP1 / V1.04 SP2	English/Chinese/Japanese	2010-06-10
iSCAN-II TOYOTA	V3.01 / V2.03	English/Chinese/Japanese	2010-06-10
iSCAN-II IMS2 MB	V3.04	English/Chinese/Japanese	2010-06-07
iSCAN-II IMS2-FORD/ LANDROVER/ JAGUAR	V1.00	English/Chinese/Japanese	2010-06-07
iSCAN-II RENAULT	V3.00	English/Chinese/Japanese	2010-05-24
iSCAN-II DAIHATSU CAN	V3.00	English/Chinese/Japanese	2010-05-24
iSCAN-II OBDII	V1.08	English/Chinese/Japanese	2010-05-24
iSCAN-II IMS2-VASS	V1.00	English/Chinese/Japanese	2010-05-24
IMS2-VASS ADD-ON	V1.00	English/Chinese	2010-05-19
iSCAN-II OBDII	V1.07	English/Chinese/Japanese	2010-05-07
iSCAN-II LANDROVER	V3.00 / V2.02	English/Chinese/Japanese	2010-05-07
iSCAN-II HONDA	V3.00	English/Chinese/Japanese	2010-05-07
iSCAN-II HOLDEN	V2.00	English	2010-05-07
iSCAN-II SAAB	V2.00	English/Chinese/Japanese	2010-05-07
iSCAN-II IMS2-MB	V3.03	English/Chinese/Japanese	2010-05-07
PS-Module File Manager	V5.01	English/Chinese/Japanese	2010-05-07
IMS2-MB ADD-ON	V4.00	English/Chinese	2010-05-07
D91-SMART	V1.52 SP3	English/Chinese/Japanese	2010-06-15
D91-NISSAN	V5.03 / V4.07 / V3.59	English/Chinese/Japanese	2010-06-11
D91-MB PRO	V5.04 SP2 / V4.55 SP2 / V4.07 SP6	English/Chinese/Japanese	2010-06-10
D91-TOYOTA	V4.53	English/Chinese/Japanese	2010-06-10
D91-OBDII	V4.08	English/Chinese/Japanese	2010-05-24
D91-OBDII	V4.07	English/Chinese/Japanese	2010-05-07

VeDiS Yearly Update Project (YUP) Software

Software releases monthly for D91-EURO PRO YUP 2010 / D91-ASIAN PRO YUP 2010
YUP customers, please get the updates from web site.

Technical Guidance

BMW: New CKM Introduction & Setting

Introduction:

CKM (CAR & KEY MEMORY) function is available on the following models:

The older models: **E38, E39, E46, X5, E83, E85, R50, R52, R53** (BMW CODING Software)

The newer models: **E90/E91/E92, E65/E66, E60/E61, E63/E64** (BMW SSS Software)

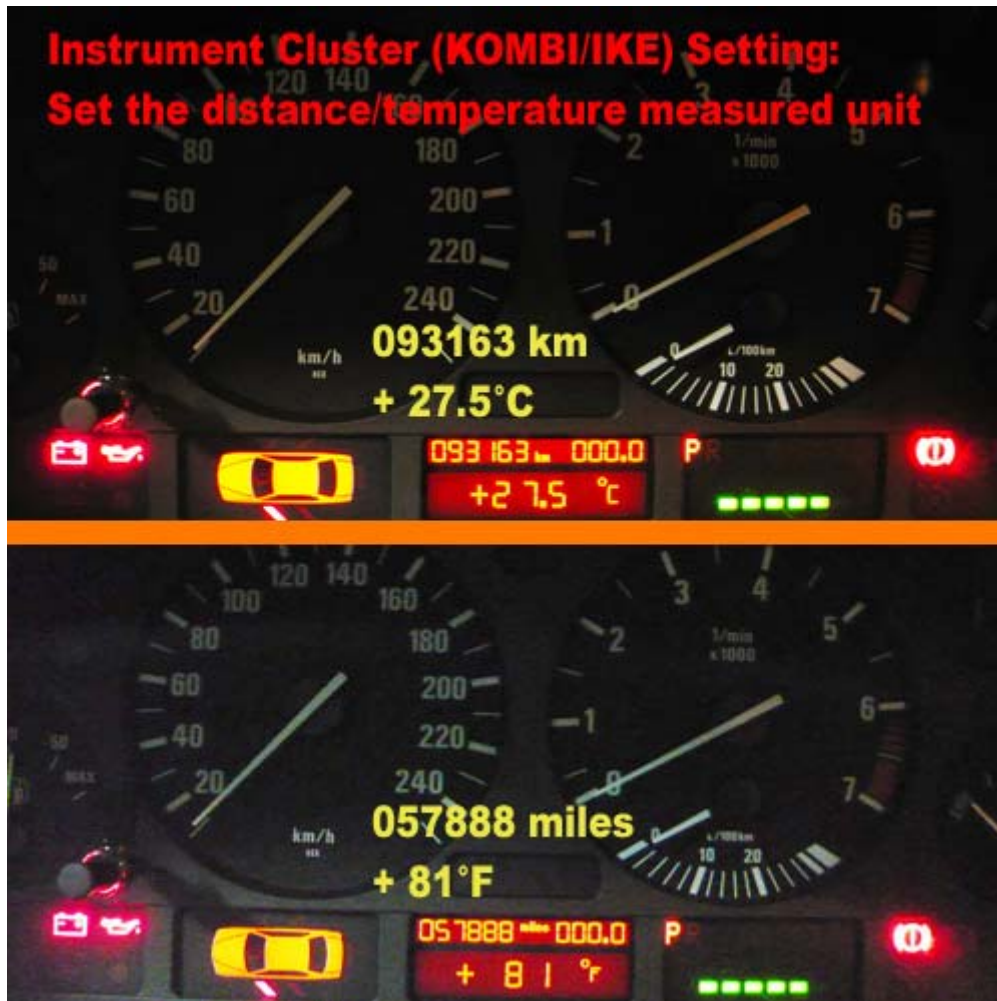
Through the adjustment and setting of CAR & KEY MEMORY, is to meet the personalized setting of the vehicle owner.

- CAR MEMORY** functions supports to do the setting on the items like Burglar Alarm System, Central Locking, Lighting, and Window/Sunroof.
- KEY MEMORY** function can save 4 sets personalized setting from 4 keys.

Supported items of New CKM:

iSCAN-II BMW CODING Software supports to do the setting on E53 X5:

1. E38/E39/E46/X5, Key Information:
to show the last-used key number with remote control.
2. E38/E39/E46/X5/E83/E85, Lighting (LCM/LSZ):
to set the Day Time Running Lights(ECE) and Home Lights.
3. E38/E39/E46/X5/E83/E85/R50/R52/R53, Central Body Electrics(ZKE):
to set the items like Buglar Alarm System, Central Locking, Window/Sunroof, Interior Lighting and Windscreen Wipers.
4. E38/E39/E46/X5/E83/E85/R50/R52/R53, Instrument Cluster (KOMBI/IKE):
to set the Language(English, Italian, Germany...), Distance Measured Unit(KM, MPH), Time Display Format(24H, AM/PM), Temperature Measured Unit($^{\circ}\text{C}/^{\circ}\text{F}$) and other items.



5. E38/E39/E46/X5/E83/E85, SEAT/ MIRROR:
to set the seat & mirror adjustment.
6. E38/E39/E46/X5/E83/E85, Heater and Air Conditioning Control(IHK/IHKA/IHKR):
to set the Recirculated Air Memory and the temperature measured unit.
7. E38/E39/E46/X5/E83/E85/R50/R52/R53 Park Distance Control (PDC):
to set the Switch On Message (Rear) and Rear Volume Loudness.
8. E38/E39/E46/E83/E85 RADIO (RAD):
to set Radio items

iSCAN-II BMW SSS software supports to do the settings on 6 Series E63:

1. Anti-Theft System: to set Interior sensor, Tilt Sensor and other items.

2. Central Locking: to set Open Tailgate, Disarming, and other items.
3. Exterior Lighting: to set the Day Time Driving Lights (ECE), Automatic Driving Driving Lights Control and other items.
4. Interior Lighting: to set the interior lighting items
5. Window/Sunroof: to set the One Touch Open/Close Driver's Window, One Touch Open/Close Passenger's Window, Mirror Folding and other items.
6. Heating / Air Conditioning / Ventilation: to set the Recirculated Air Memory, A/C OFF with Auto, and other items.

Example 1

Model: BMW E53 X5

Item: Automatic Locking

Example 2

Model: BMW E36

Item: One Touch Open/Close Driver's Window

Procedures on iSCAN-II:

Example 1

Model: BMW E53 X5

Item: Automatic Locking

1. Select **Vehicle Diagnostic** -> select **EUROPEAN**



2. Select **BMW GT2** -> select **BMW CODING**



7 VOLVO
iSCAN-II(V3.00)USEN
8 JAGUAR
iSCAN-II(V1.01SP1)

iSCAN-II(V3.00)USEN

3. Select **CAR/KEY MEMORY(NEW)**, then follow the instructions on the screen.

5

FUNCTIONS

- 1 ZCS/FA CODING
- 2 **CAR/KEY MEMORY(NEW)**
- 3 CAR MEMORY
- 4 KEY MEMORY
- 5 LEW SYNC
- 6 X5 EHC ADJUSTMENT
- 7 E65/E66 EHC ADJUSTMENT

6

CAR/KEY MEMORY

To edit the car/key memory settings. Please press the key of number behind the status.

Press ENTER to continue

4. Follow the instructions on screen and press ENTER to continue.

7

CAR/KEY MEMORY

If problem arises, please use the procedure in next page to solve it.

Press ENTER to continue

8

WARNING

1. Press the same number key to recover settings.
 2. Make sure the function is equipped in this car.
 3. Report the version to distributor.
- Press ENTER to continue

5. Setting items

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CAR MEMORY

- 1 **E38/E39/E46/X5 KEY INFORMATION**
- 2 E38/E39/E46/X5/E83/E85 LIGHTING(LCM/LSZ)
- 3 E38/E39/E46/X5/E83/E85 R50/R52/R53 CENTRAL BODY ELECTRICS(ZKE)
- 4 E38/E39/E46/X5/E83/E85 R50/R52/R53 INSTRUMENT CLUSTER(KOMBI/IKE)

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CAR MEMORY

- 6 **E46 DRIVER'S MIRROR MEMORY (SPMFT)**
- 7 E46 PASSENGER'S MIRROR MEMORY (SPMBT)
- 8 E38/E39/E46/X5/E83/E85 HEATER AND AIR CONDITIONING CONTROL (IHK/IHKA/IHKR)
- 9 E38/E39/E46/X5/E83/E85 R50/R52/R53 PARK

5 E38/E39/E46/X5/E83/E85
SEAT/MIRROR

DISTANCE CONTROL (PDC)

6. Select **CENTRAL BODY ELECTRICS(ZKE)**

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CAR MEMORY

10 E39/E46/X5/E83/E85
RADIO(RAD)

11 E46/E83/E85 TELEMATIC
CONTROL UNIT (TCU)

12 E46/E83/E85
UNIVERSAL CHARGING AND
HANDSFREE UNILITY (ULF)

13 R50/R52/R53
SLIDING/TILTING
SUNROOF (SHD)

12

CAR MEMORY

1 E38/E39/E46/X5
KEY INFORMATION

2 E38/E39/E46/X5/E83/E85
LIGHTING(LCM/LSZ)

3 E38/E39/E46/X5/E83/E85
R50/R52/R53 CENTRAL
BODY ELECTRICS(ZKE)

4 E38/E39/E46/X5/E83/E85
R50/R52/R53 INSTRUMENT
CLUSTER(KOMBI/IKE)

5 E38/E39/E46/X5/E83/E85
SEAT/MIRROR

7. Confirmed if the detected car type is correct, then select **CENTRAL LOCKING**.

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ZKE

Detected car type: X5
If detecting error, please
exit and report to the
distributor.

Press ENTER to continue

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ZKE

1 BURGLAR ALARM SYSTEM

2 CENTRAL LOCKING

3 WINDOW REGULATORS /
SLIDE / TILT SUNROOF

4 INTERIOR LIGHTING

5 WINDSCREEN WIPERS

8. Press the number to set **AUTOMATIC LOCKING (5)** to be **ACTIVE**.
Also set **Automatic Locking (KEY 1 ~ 4)** to be **ACTIVE**.

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ZKE(1/3)

RC INTERIOR LIGHT NOT ACTIVE
(1)

RC PANIC MODE NOT ACTIVE
(2)

OPEN LUGGAGE COMPARTMENT
VIA

REMOTE CONTROL ACTIVE
(3)

RELOCK 2 MINUTES AFTER

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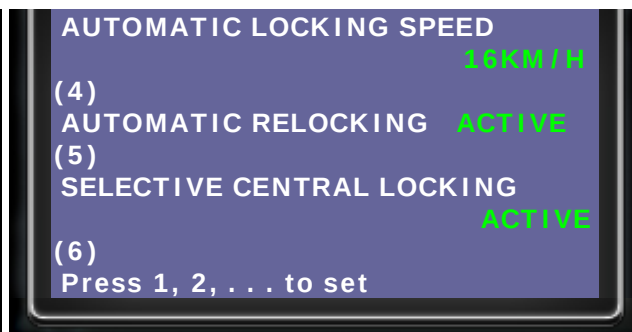
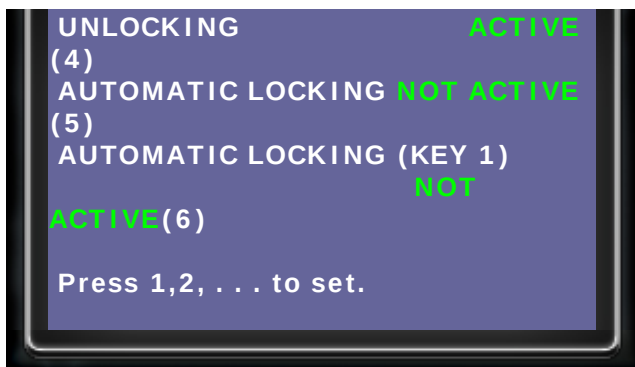
ZKE(2/3)

AUTOMATIC LOCKING (KEY 2)
NOT ACTIVE

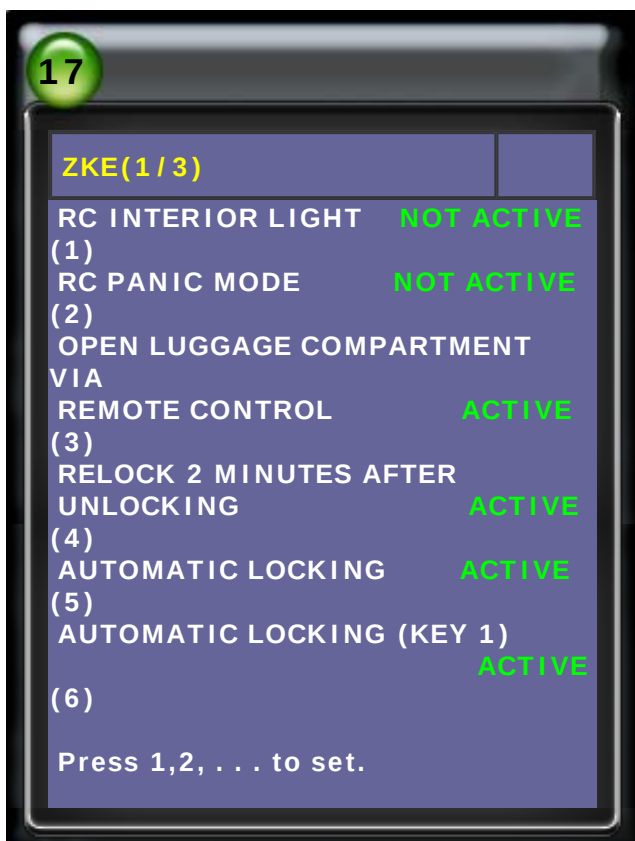
(1) AUTOMATIC LOCKING (KEY 3)
NOT ACTIVE

(2) AUTOMATIC LOCKING (KEY 4)
NOT ACTIVE

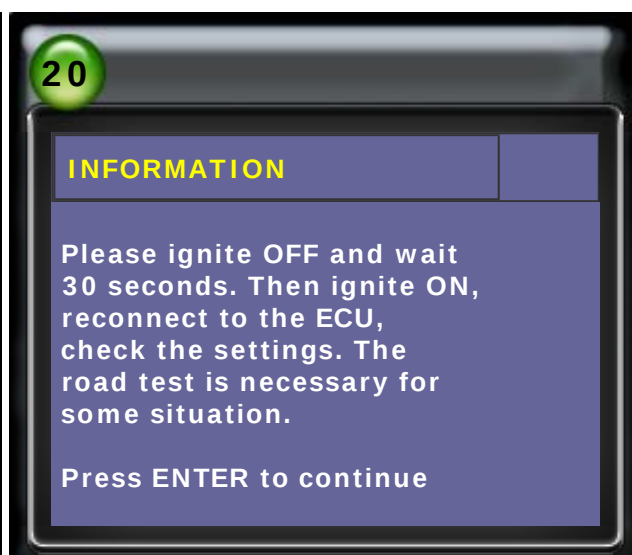
(3)



9. After **AUTOMATIC LOCKING (5) & AUTOMATIC LOCKING (KEY 1 ~ 4)** to be **ACTIVE**, press **EXIT** back to setup menu.



10. Follow the instructions on screen to ignite OFF for 30 seconds, then ignite ON to check the settings.

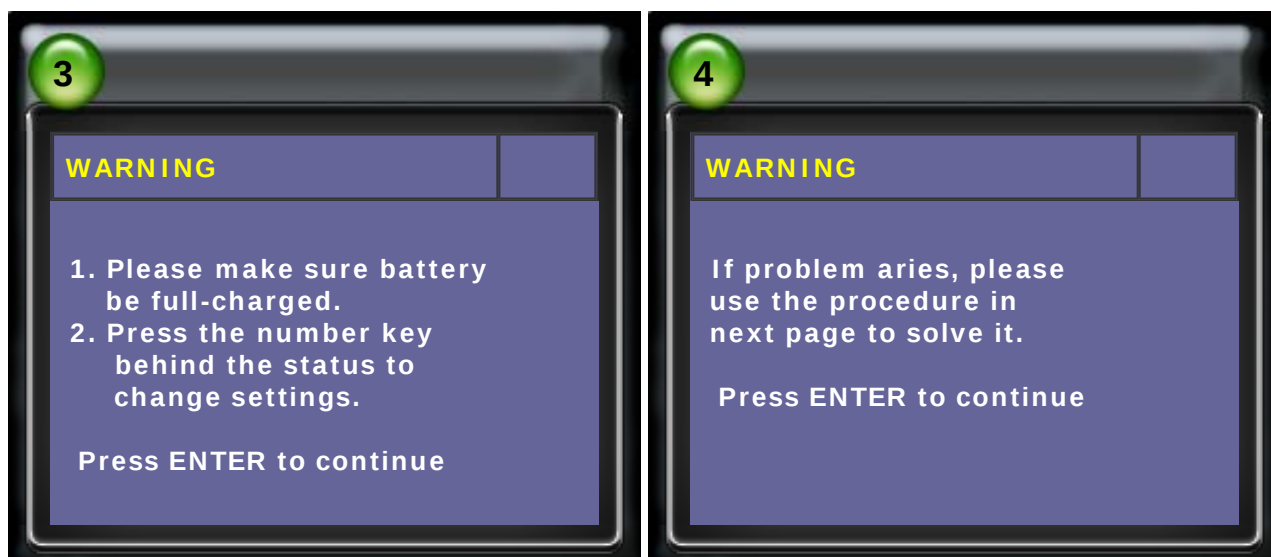


Example 2
Model: BMW E36
Item: One Touch Open/Close Driver's Window

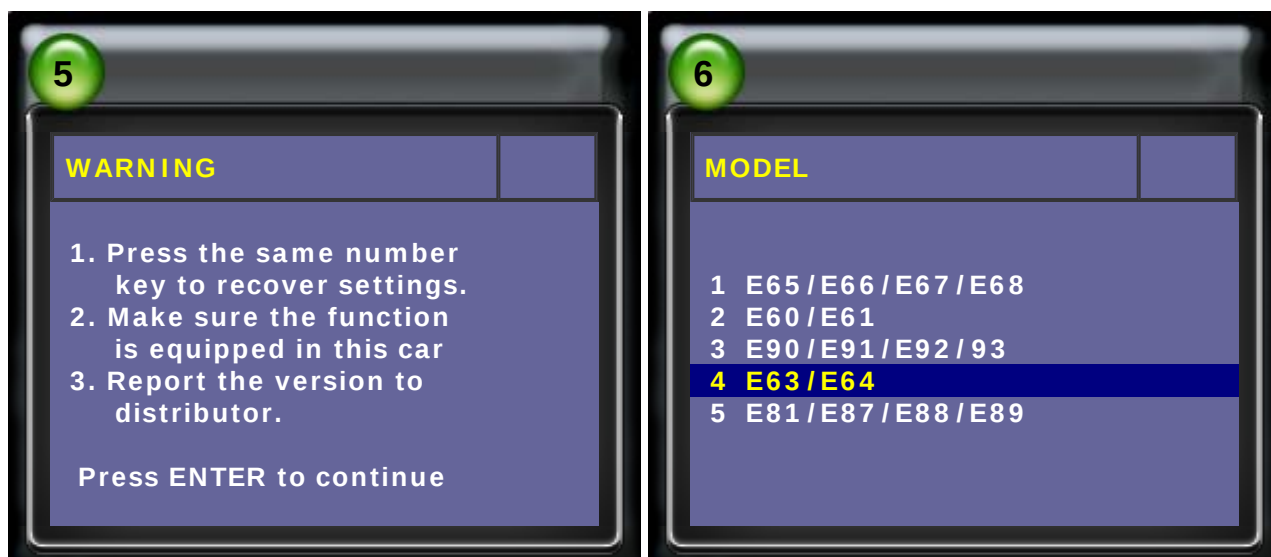
1. Select BMW SSS Software and New CKM function



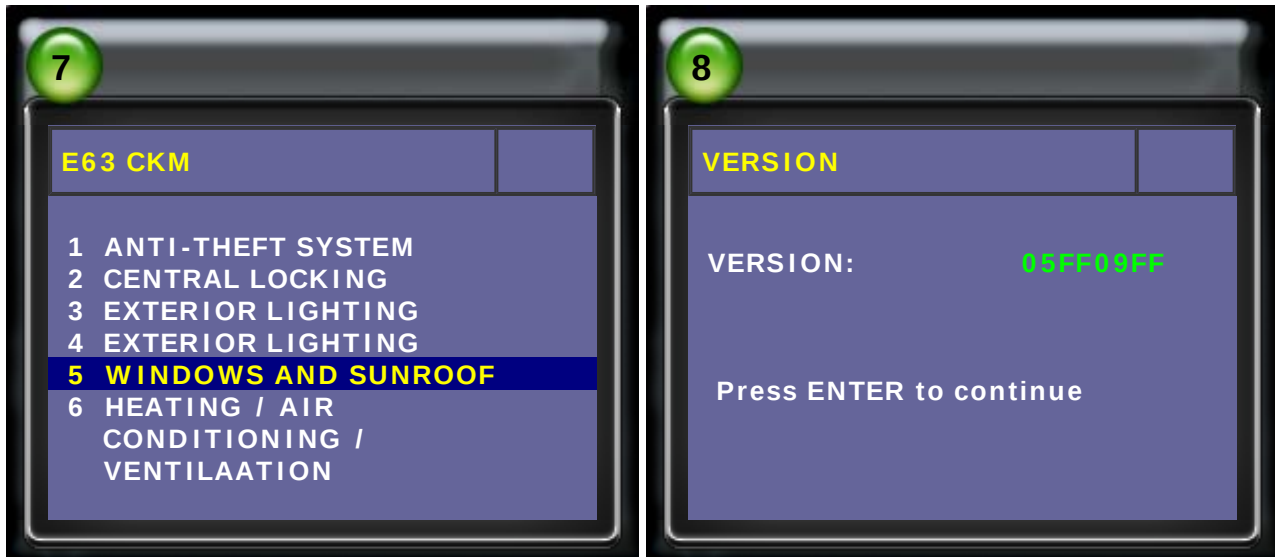
2. Before settings, please read the warning pages and check if everything is okay.



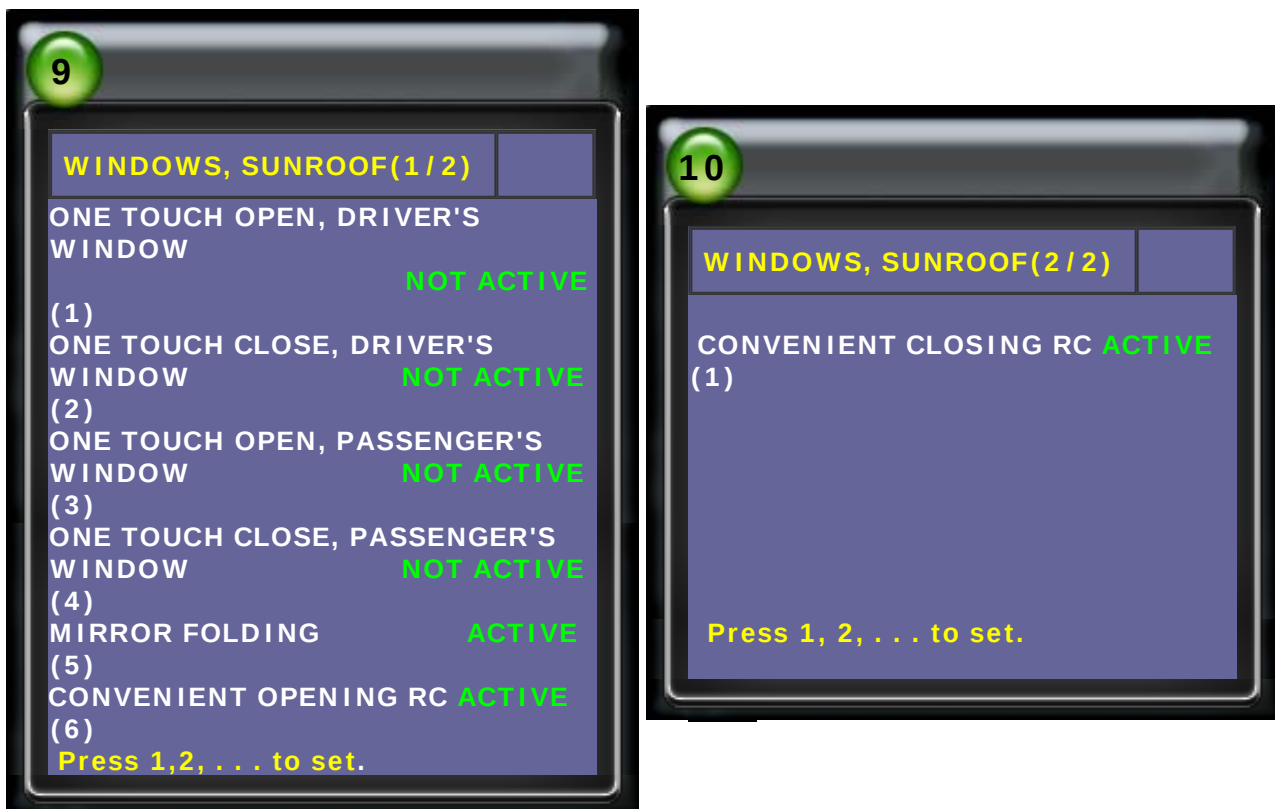
3. Select the model



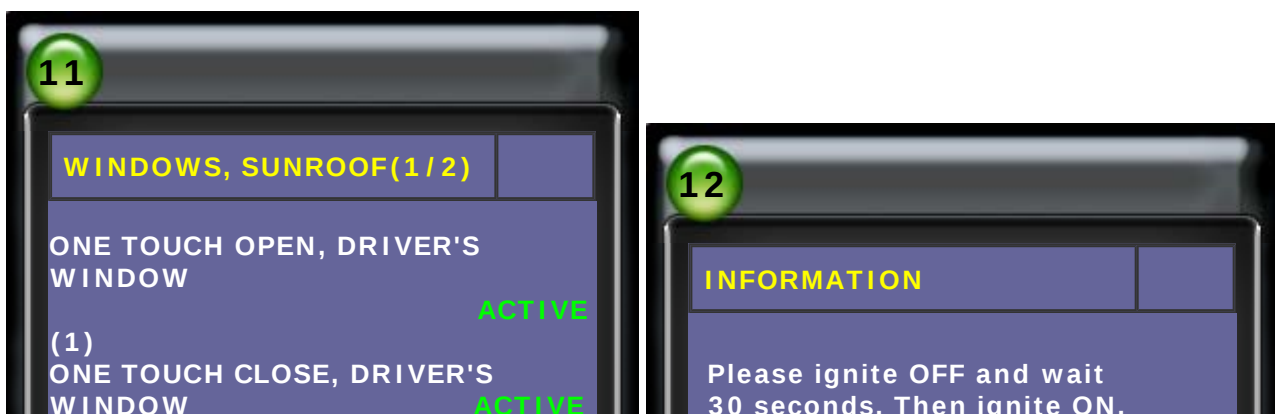
4. Select the item **WINDOWS AND SUNROOF**, then read the version to continue.



5. Enter the setting page and press the number key to set **ONE TOUCH OPEN/CLOSE, DRIVER'S WINDOW** to be **ACTIVE**.



6. **ONE TOUCH OPEN/CLOSE, DRIVER'S WINDOW** has been set to **ACTIVE**. Press EXIT button, then follow the information & instructions shown on screen.



(2)
ONE TOUCH OPEN, PASSENGER'S
WINDOW NOT ACTIVE
(3)
ONE TOUCH CLOSE, PASSENGER'S
WINDOW NOT ACTIVE
(4)
MIRROR FOLDING ACTIVE
(5)
CONVENIENT OPENING RC ACTIVE
(6)
Press 1,2, . . . to set.

reconnect to the ECU,
check the settings. The
road test is necessary for
some situation.

Press ENTER to continue