



Trade Show

AAAE 2011

Australian Auto Aftermarket Expo
 May 12 - May 14, 2011
 Melbourne Exhibition Centre, Australia
 Booth Number: F14F

Automechanika Middle East 2011

June 7 - June 9, 2011
 Dubai International Conventional and Exhibition Centre, Dubai, UAE

We look forward to greeting you there!

iSCAN-II / D91 Latest Versions (March, 2011)

iSCAN-II TOYOTA	V4.00	English/Chinese/Japanese	2011-03-02
iSCAN-II CHRYSLER	V4.00	English/Chinese	2011-03-02
iSCAN-II KIA	V3.02	English/Chinese	2011-03-02
IMS2-MB ADD-ON	V4.04	English/Chinese	2011-03-17
iSCAN-II BMW	V4.00	English/Chinese/Japanese /Korean	2011-03-17
iSCAN-II FORD	V3.01 / V2.03 / V1.05	English/Chinese	2011-03-22
iSCAN-II VASS	V4.00 / V3.01SJP1 / V2.02SP3 / V1.06SP3	English/Chinese/Japanese	2011-03-22
iSCAN-II IMS2-BMW	V3.00	English/Chinese	2011-03-22
iSCAN-II IMS2-TYT(US ModelOnly)	V1.04	English/Chinese	2011-03-22
iSCAN-II IMS2-MB	V4.02	English/Chinese/Japanese	2011-03-22
D91-VASS	V7.01SP1 / V6.02SP3 / V6.52SP3	English/Chinese/Japanese	2011-03-22

VeDiS Yearly Update Project (YUP) Software

Software releases monthly for D91-EURO PRO YUP 2011 / D91-ASIAN PRO YUP 2011.
 YUP customers, please get the updates from website.

BMW: Register Battery Replacement

Register battery replacement

BMW after model E65, it is essential to register the battery replacement after replacing or disconnecting the battery. The main function is to inform the power management that the battery has been replaced. The engine ecu has the record of the specification of the equipped battery. So, it is necessary to program the battery capacity and battery type (AGM).

If it fails to do the registration, the vehicle electrical system will still be programmed to the old battery and may not provide the battery with enough charging power to operate the car.

Functions of battery replacement registration

1. Record the kilometer of the existing battery
2. Clear the present saved values (charging status, battery voltage, current, and temperature...)
3. Initialise the setting of power management

Battery capacity and battery model:

Battery capacity: it can be found on the sticker of the battery

Battery type: AGM battery can be recognized from its black shell

**BMW: Equipment Fuction Setup of F-Series Models
(Car window intialise, Sliding/tilting sunroof initialise, Boot lid initialization, and Normalization longitudinal seat adjustment)**

Items to be initialised	The timing to be initialised	Items to be learned.	Not initialised
Power window	<ol style="list-style-type: none"> 1. After programming FRM 2. After disconnecting the power supply 3. After repairing / replacing the concerned units 	<ol style="list-style-type: none"> 1. Normalization: upper end position 2. Characteristic curve learning: the characteristic curve of opening and closing the electric current 3. One-touch and anti-pinch function 	<ol style="list-style-type: none"> 1. Activation of power window is abnormal 2. No one-touch and anti-pinch function
Sliding sunroof	<ol style="list-style-type: none"> 1. After programming SHD 2. After disconnecting the power supply 3. After repairing / replacing the concerned units 	<ol style="list-style-type: none"> 1. Normalizaion: end positon of sliding sunroof 2. One-touch and anti-pinch function 	<ol style="list-style-type: none"> 1. Activation of sliding sunroof is abnormal 2. No one-touch and anti-pinch function
Boot lid	After repairing / replacing the concerned units (boot lid lifter control unit)	End positon of boot lid (manual button)	Opening angle of boot lid is abnormal
Seat	<ol style="list-style-type: none"> 1. After disconnecting the power supply 2. After repairing / replacing the 	<ol style="list-style-type: none"> 1. Normalizaion: end positon of seat adjustment 2. Adjustment: force limit of seat 	Activation of seat adjustment is abnormal

concerned units (seat control unit)	adjustment
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Example 1: Year 2010, BMW F10 523I, register battery replacement
Example 2: Year 2010, BMW F02 740LI, equipment function setup

Procedures on iSCAN-II:

Example 1: Year 2010, BMW 523I, Register battery change

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



2. Select **BMW Diag** software



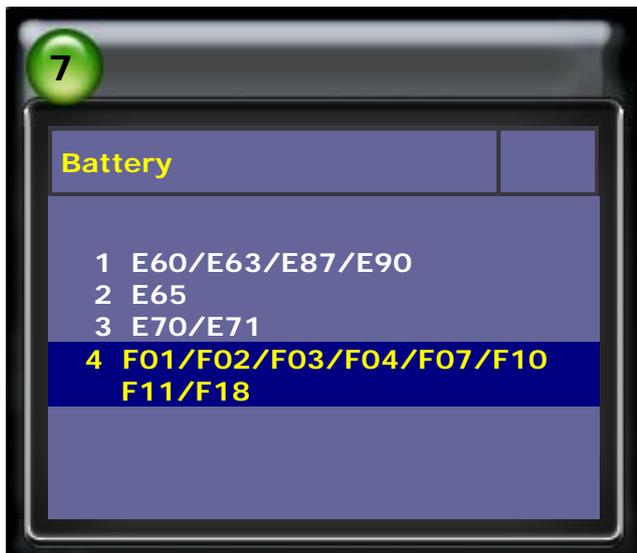
3. Select **Equipment Function Setup**, then select **Register battery change**



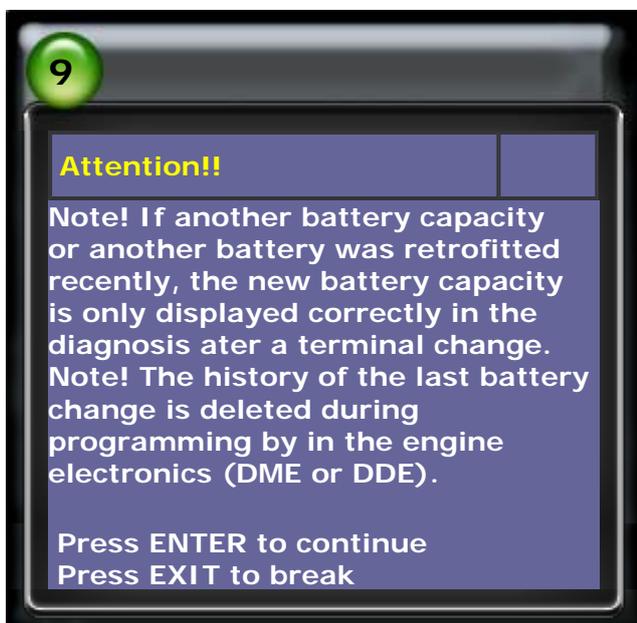
4 6 Series
 5 7 Series
 6 8 Series
 7 X Series
 8 Z Series
77 Equipment Function Setup
 88 Service Reset
 99 Coding/Programming
 100 Flat Tire Monitor

3 Register battery change
 4 Steering angle
 5 AFS initialization/adjustment
 6 Boot lid initialization
 7 Normalization, longitudinal seat adjustment

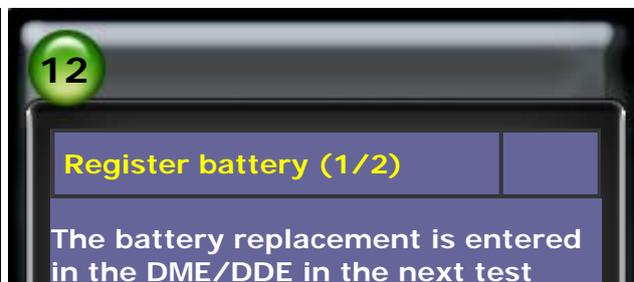
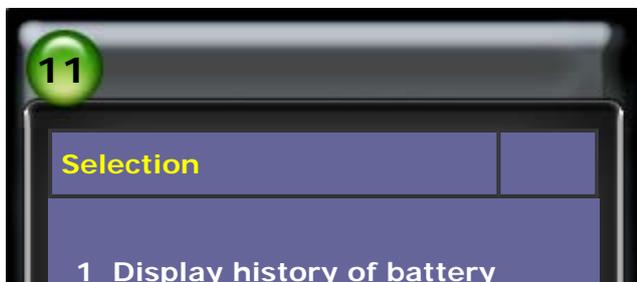
4. Select **F01/F02/F03/F04/F07/F10/F11/F18**, then select **Display history of battery replacement**

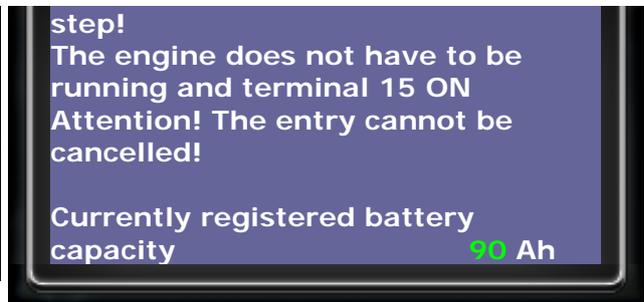


5. Please check the battery capacity and the last battery replacement

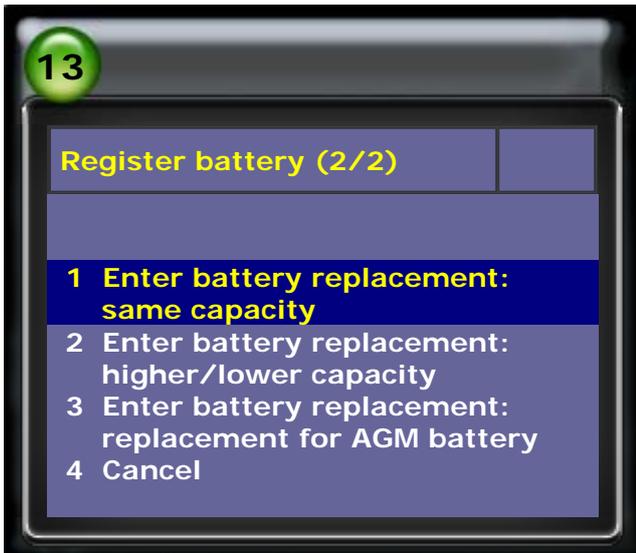


6. Select **Register battery replacement**





7. If the battery replacement is same capacity, select **Enter battery replacement: same capacity** .
 The battery replacement has been successfully registered DME/DDE.



Example 2: Year 2010, BMW F02 740LI , equipment function setup

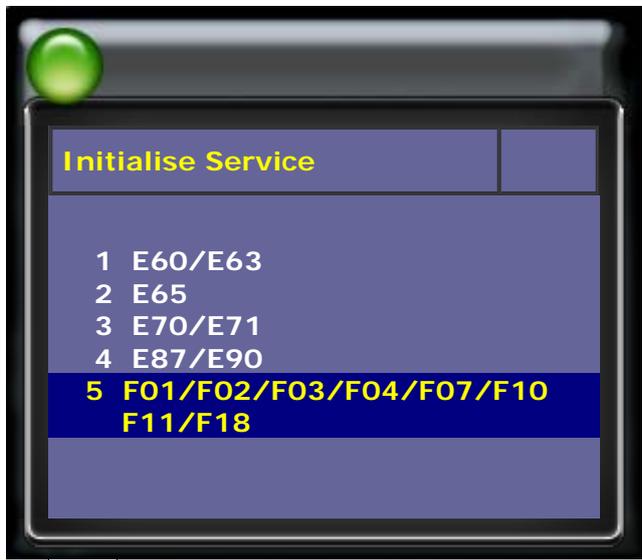
Car window initialise

1. Select **BMW Diag** software, select **Equipment Function Setup**

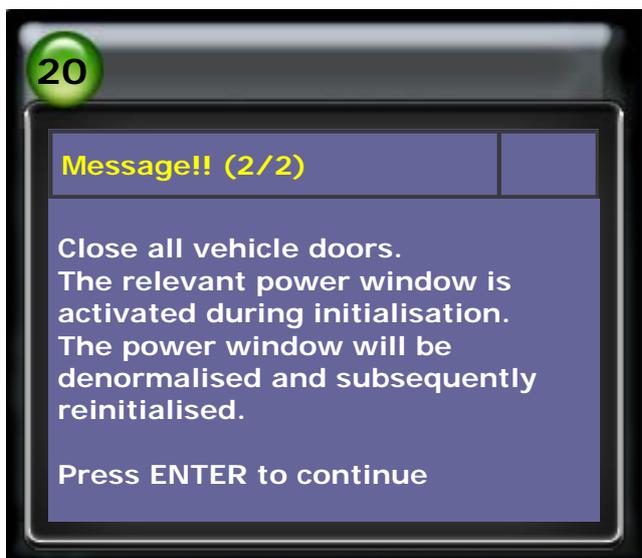
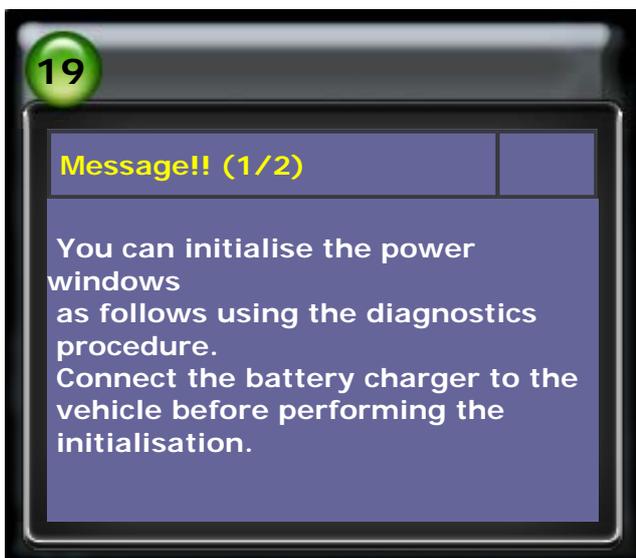


2. Select **Car window initialise**, select **F01/F02/F03/F04/F07/F10/F11/F18**

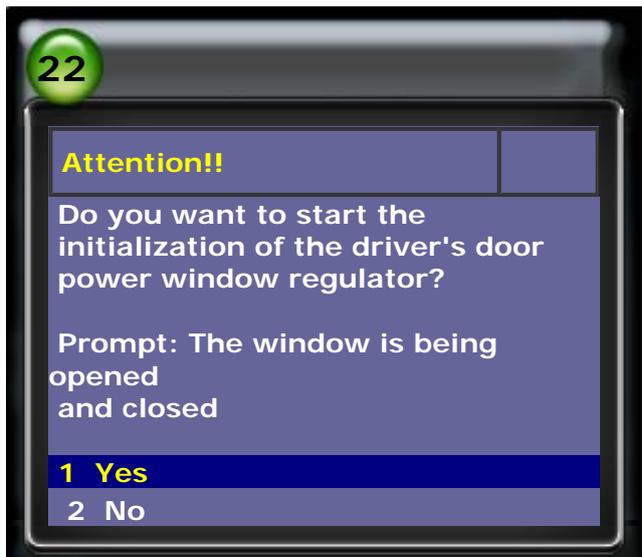
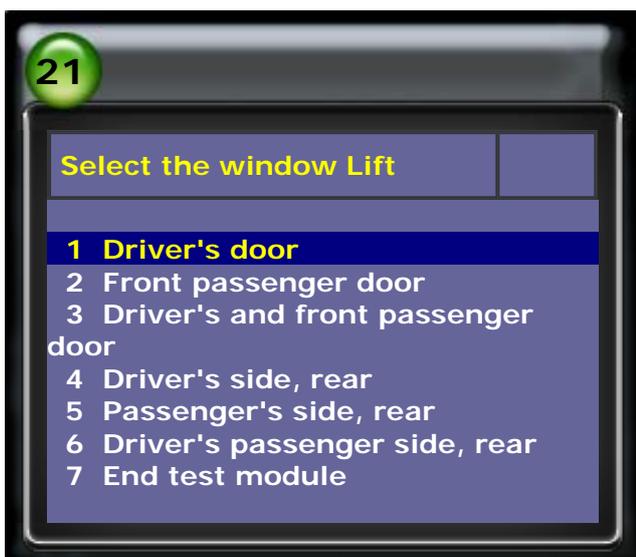




3. Follow the messages shown on the screen.



4. Select the door to be initialised.



5. During the initialisation procedure, the door window will be opened and closed.



Adjustment!!

The initialisation procedure has started.

The window will be denormalised and subsequently reinitialised.

The driver's door window will be opened and closed.

CHECK!!

Once the initialisation procedure is complete, check whether you can open and close the driver's door window in automatic mode without a fault occurring (toll function).

Press ENTER to continue

Sliding/tilting sunroof initialise

6. Select **Sliding/tilting sunroof initialise**, and select **F01/F02/F03/F04/F07/F10/F11/F18**

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Function Service

- 1 Car window initialise
- 2 Sliding/tilting sunroof initialise**
- 3 Register battery change
- 4 Steering angle
- 5 AFS initialization/adjustment
- 6 Boot lid initialization
- 7 Normalization, longitudinal seat adjustment

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Initialise Service

- 1 E60/E63
- 2 E65
- 3 E70/E71
- 4 E87/E90
- 5 F01/F02/F03/F04/F07/F10
F11/F18**

7. Select **Perform initialisation**, then switch terminal 15 and terminal R off and on.

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Select

Important: This function is used to learn the slide/tilt sunroof.

- 1 Perform initialisation**
- 2 End service function

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Note!

Switch terminal 15 and terminal R off and on again!
Otherwise, initialisation may not be carried out correctly.

Press ENTER to continue

8. Sliding/tilting sunroof initialisation was finished successfully.

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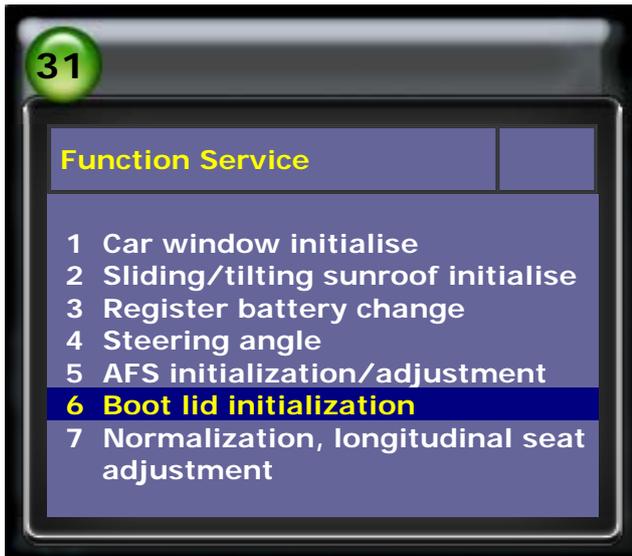
Teach-in procedure...

Initialisation was finished successfully without faults.

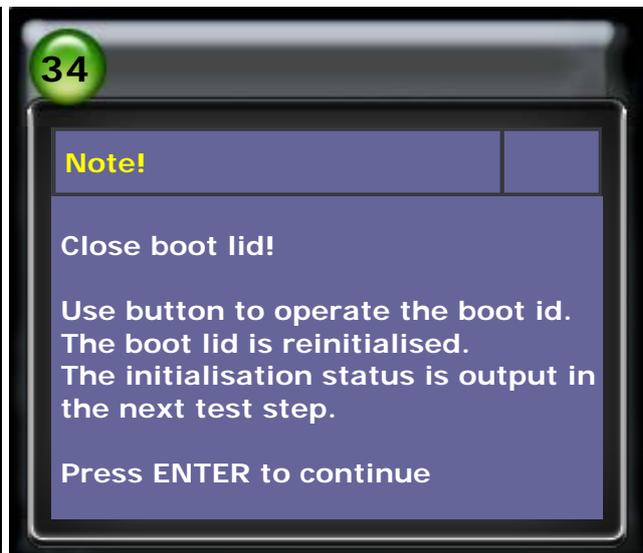
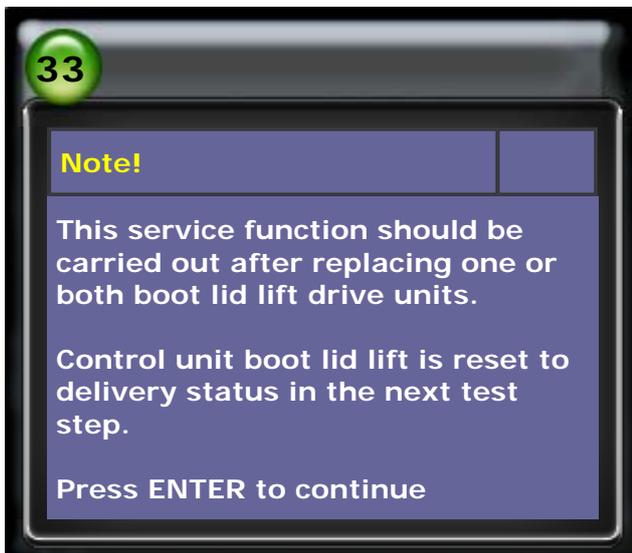
Press ENTER to continue

Boot lid initialization

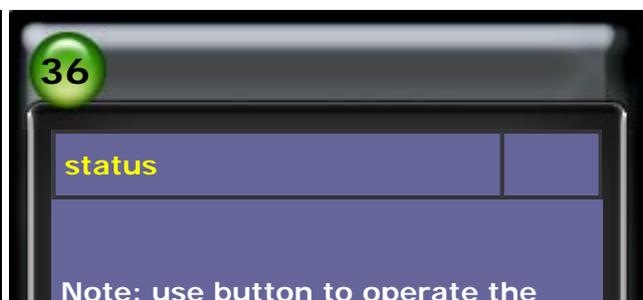
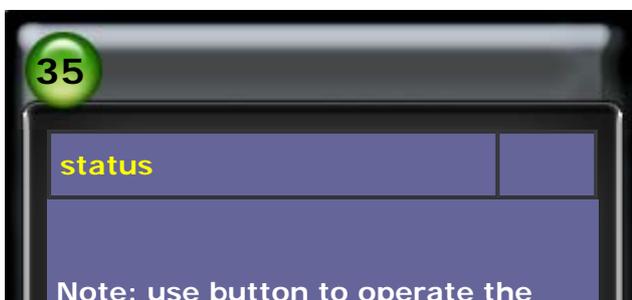
9. Select **Boot lid initialization**, then select **F01/F02/F04/F07**



10. Follow the instructions shown on screen to proceed.



11. The initialisation status will change from **Not initialised** to **Initialisation OK**.



boot id.

Initialisation status:

Not initialised

boot id.

Initialisation status: Initialisation OK

Normalization, longitudinal seat adjustment

12. Select **Normalization, longitudinal seat adjustment**, then select **F01/F02/F04/F07/F10/F11**

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Function Service

- 1 Car window initialise
- 2 Sliding/tilting sunroof initialise
- 3 Register battery change
- 4 Steering angle
- 5 AFS initialization/adjustment
- 6 Boot lid initialization
- 7 Normalization, longitudinal seat adjustment**

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Seat calibration

- 1 F01/F02/F04/F07/F10/F11**

13. Select the seat to be normalized.

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Seat calibration

- 1 Normalization, driver's side**
- 2 Normalization, passenger's side (if fitted)
- 3 Normalization, driver's side, rear (if fitted)
- 4 Normalization, passenger's side rear (if fitted)

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Attention (1/2)

Information of seat calibration:

- Only carry out seat standardisation on a fault-free system
- Make sure that the vehicle voltage is >10.5V
- Adjustment travel must be unimpeded
- Do not operate the switch for front and rear seat adjustment
- There is no fault memory monitoring during the procedure

14. Select **Start calibration**

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Attention! (2/2)

Important: The anti-trap

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Selection

- 1 Start calibration**

mechanism
is not active during the adjustment
process for limiting excess force!

Press ENTER to continue

2 End service function

15. The status of adaptation will change from **No adaptation** to **Adaptation OK**.

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Message!!

Status of adaptation run of excess
force limitation:

-Adaptation of excess force
limitation, forward **No adaptation**
-Adaptation of excess force
limitation, back **No
adaptation**

Press ENTER to continue

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Message!!

Status of adaptation run of excess
force limitation:

-Adaptation of excess force
limitation, forward **Adaptation OK**
-Adaptation of excess force
limitation, back **Adaptation
OK**

Press ENTER to continue

16. If the value of data stream and seat adjustment are okay,
select **Calibration and adjustment successful**

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Selection

- 1 **Calibration and adjustment
successful**
- 2 Calibration and adjustment
not successful

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Message!!

Calibration and adjustment
finished.

Press EXIT to break

17. If the value of data stream and seat adjustment are not okay,
select **Calibration and adjustment not successful**, and check
if SMFA module has been reprogrammed.

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Selection

- 1 Calibration and adjustment
successful
- 2 **Calibration and adjustment**

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Selection

Has the SMFA-driver's side seat
module already been
reprogrammed?



18. Select **Yes**, replace SMFA-driver's side seat module.
Select **No**, reprogram SMFA-driver's side seat module.

