

DRIVER PROFILES

The Headunit High from 2018, the **Headunit High 3**, introduced cloud-based driver profiles for all vehicles with the BMW iDrive operating concept with BMW Operating System 7 in BMW ConnectedDrive markets. In order to create a **personal driver profile**, the customer needed to log in with his or her personal ConnectedDrive account in the vehicle.

A **maximum of 3** personal driver profiles could be saved per vehicle. If no personal driver profile was created, the vehicle automatically saved all settings implemented in the guest profile.

The driver profile needed to be created as early as possible because settings previously implemented in the guest profile **could not** be transferred to a Personal Profile until 07/2020.

A driver profile could be activated either manually by selection in the central information display or automatically when unlocking the vehicle. In order to activate the automatic driver recognition, a driver profile needed to be linked to a certain vehicle key or the BMW Digital Key. **Linking to a freely selectable PIN** was also possible for the first time.

The active driver profile was displayed on the welcome screen in the status bar and could be located immediately at any time using the freely selectable profile image.

Linking to the ConnectedDrive account allowed certain personal settings to be saved **in the cloud (BMW back end)**, the settings for which were then automatically synchronized between all BMW Operating System 7 vehicles in use. Due to automatic cloud synchronization, the manual export/import function (USB) was no longer required and was omitted. If cloud storage was not desired, synchronization could be deactivated in the vehicle.

An active ConnectedDrive account (username and password) was a prerequisite in order to create a personal driver profile in the vehicle. This is the same ConnectedDrive account that the customer used to register in the BMW Connected App or in the BMW web portal. Every user required their own ConnectedDrive account that could be set up for free via the BMW ConnectedDrive web page. Customers who already had a BMW vehicle including ConnectedDrive account needed to use this account in the new vehicle for the driver profiles.



Driver profiles G05 were activated with ID transmitter or, in 2018, with a smartphone for the first time

DIFFERENCES BETWEEN PERSONAL PROFILES AND DRIVER PROFILES

	Personal Profile	Driver profiles
Initial creation of the driver profile	Local driver profiles ("BMW driver 1"); they could be renamed as desired.	Creation of cloud-based driver profiles with personal ConnectedDrive account .
Activation of the driver profile before the journey	No driver recognition as the ID transmitter automatically opened the last active profile in each case.	The driver defines how they prefer their profile to be activated. By linking the driver profile to the ID transmitter, the BMW Digital Key or a PIN.
Settings synchronisation	Manual profile transfer by export /import via USB stick. First vehicles via BMW Online.	Automatic synchronisation of settings in all vehicles in use with BMW OS7.

REQUIREMENT FOR CREATING A DRIVER PROFILE.

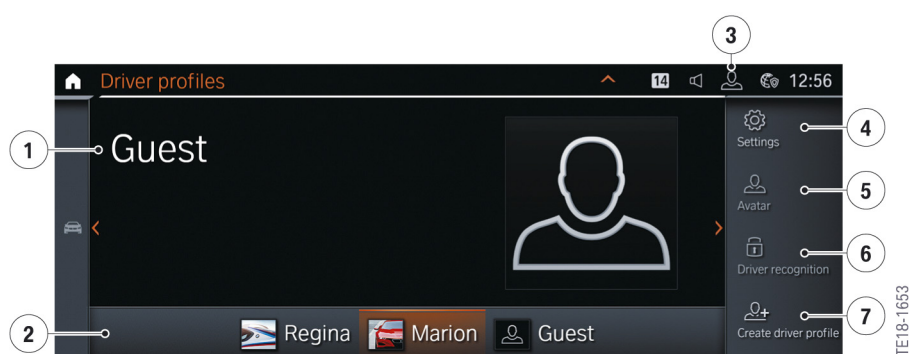
A driver profile could be created via the corresponding menu:

- CAR
- Driver profiles
- Create driver profile.

Alternatively, a driver profile could also be created using the Set-up assistant if no Personal Profile was activated yet. The Set-up assistant is activated via the welcome screen.

The following requirements needed to be satisfied to create a driver profile:

- Every driver needed a personal ConnectedDrive account.
- An online vehicle connection was required.



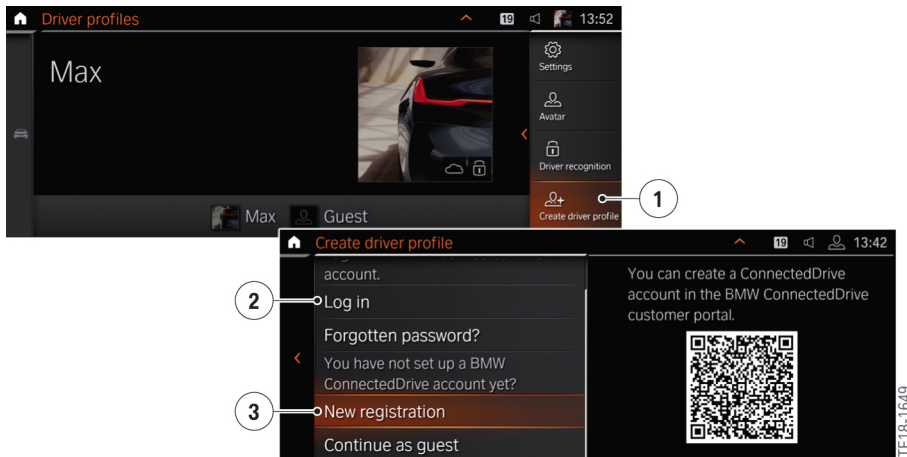
Management of driver profiles in BMW OS7

Index	Explanation
1	Active driver profile
2	All driver profiles created in the vehicle
3	Direct entry to driver profiles
4	Settings
5	Profile picture
6	Driver recognition
7	Create new profile

CREATING A DRIVER PROFILE.

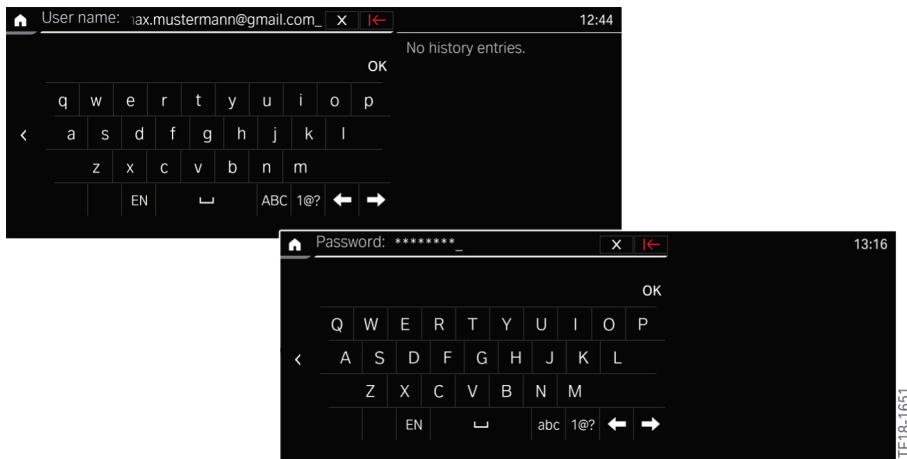
To create a driver profile, the driver needed to click on “Log in”. Then enter the ConnectedDrive username and the password.

After confirmation the ConnectedDrive login data are checked.



ConnectedDrive account input

Index	Explanation
1	Create new driver profile
2	Login is used if there is a ConnectedDrive account
3	New registration (via QR code)



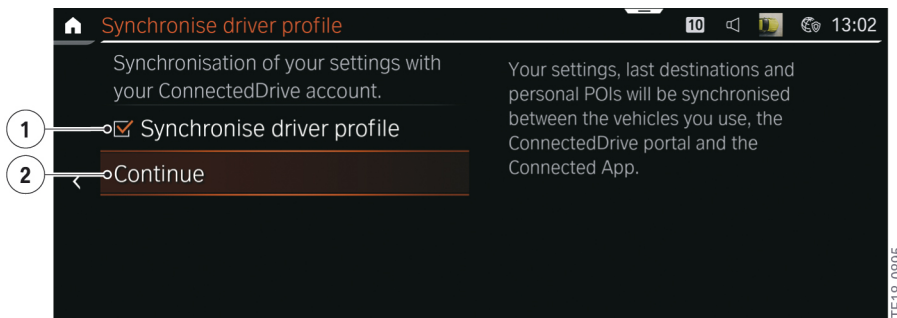
Manual login via ConnectedDrive account

SYNCHRONISE DRIVER PROFILE

After successful verification, the customer is asked whether he agrees to the synchronisation of the driver profile.

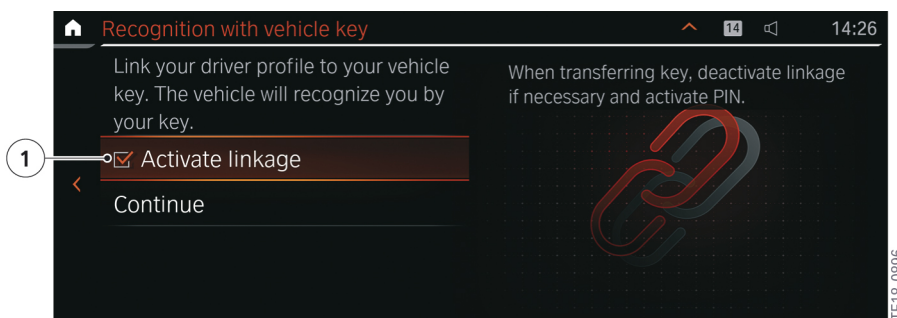
If the synchronisation is deactivated, the settings are not stored in the cloud. In that case, it is not then possible to transfer current settings to other vehicles, e.g. a hire car. A prerequisite is that the other vehicle has ConnectedDrive access and also a Head Unit High 3 HU-H3 or HU-H3 Flash.

The driver profile then needed to be linked to the vehicle key. Setting the checkmark linked the driver profile to the vehicle key currently in the vehicle. So that the driver profile is automatically deactivated when unlocking the vehicle using the ID transmitter, this needed to be confirmed via the menu. This required selection of the link. The ID transmitter currently in the vehicle was then linked to the driver profile.



Driver recognition, ConnectedDrive account

Index	Explanation
1	Synchronise driver profile
2	Continue



Linking of the driver profile

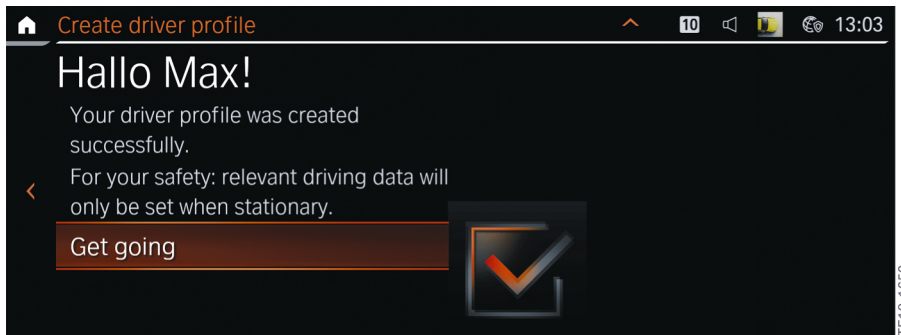
Index	Explanation
1	Activate/Deactivate link

CREATE FINAL DRIVER PROFILE

Then the creation of the driver profile must be confirmed.

The driver profile should be created as early as possible. If a driver profile is created, the settings change to the delivery status. This is because of the change of the profile from guest to the personal driver profile.

In the event of a poor mobile phone connection, it may take longer until the driver profile is fully loaded to the vehicle. In this case, the email address instead of the name appears in the central information display (CID) and an additional notification that the synchronisation in the background is completed.



Confirmation of driver profile

MANAGE DRIVER PROFILES

The driver profiles menu could be called up via the Controller:

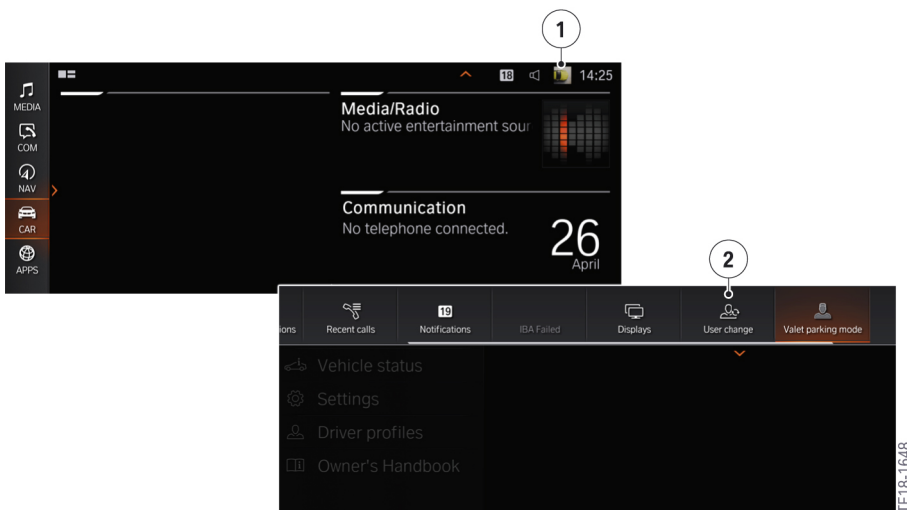
- Main menu: CAR
- Submenu: Driver profiles

Alternatively, the "Driver profiles" menu could be called up directly by **touching** the profile image in the status bar in the central information display (CID).

Via Settings, whether the address should be with first name and surname or only with first name could then be defined. The name itself could only be changed via the BMW ConnectedDrive customer portal. Synchronisation could also be activated or deactivated here. If synchronisation was deactivated, no settings were stored in the BMW Cloud (Open Mobility Cloud). However, it was not then possible to transfer settings to other vehicles, e.g. a hire car.

Synchronisation works only between vehicles with a Head Unit High 3 HU-H3 or Head Unit High 3 Flash.

It was also possible to permanently delete the driver profiles in the settings.



Call up driver profile

Index	Explanation
1	Call up driver profile from the status bar
2	Call up driver profile from the display bar

DRIVER RECOGNITION.

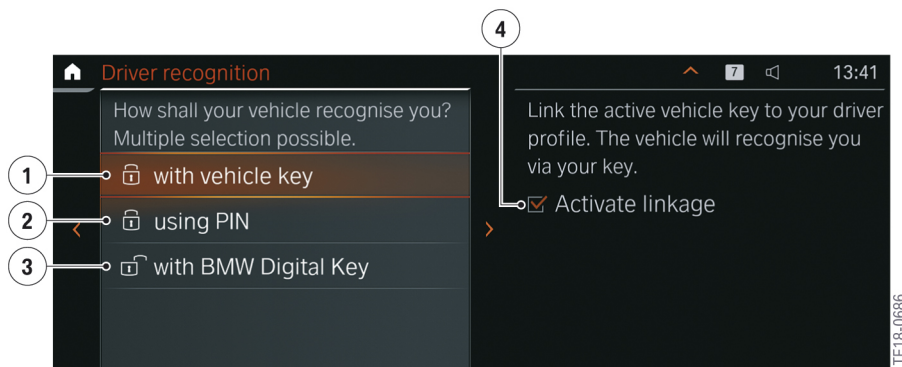
Up to 3 different identification options could be defined for a driver profile. In that case, the driver profile was automatically activated when the vehicle was unlocked. This required a link to the ID transmitter or to the BMW Digital Key (smartphone).

The BMW Digital Key option was only available if the BMW Digital Key was already activated in the vehicle and the corresponding smartphone was in the smartphone tray.

Driver recognition was a comfort function and not a protective mechanism. The last active profile, for example, was retained in connection with Comfort Access.

When a driver profile is manually selected, the defined identifying features are always queried. If, for example, the ID transmitter or the PIN had been forgotten, the ConnectedDrive access data could be used for activation.

If several identifying features were defined, it was sufficient if there was one identifying feature in order to activate the driver profile. The ID transmitter has higher priority than the PIN.



Driver profile menu

Index	Explanation
1	Via ID transmitter
2	Use PIN
3	Via BMW Digital Key
4	Link driver profile (here, in the example, to the ID transmitter)

KEY TRANSFER AND PIN.

In the event that the customer were to hand an ID transmitter to a third party (e.g. Service Partner), it was recommended that with Personal Profile vehicles, the ID transmitter that was handed over was not actively linked to a driver profile or linked to the GUEST MENU. Alternatively, the system needed to be switched manually to guest profile before the vehicle handover.

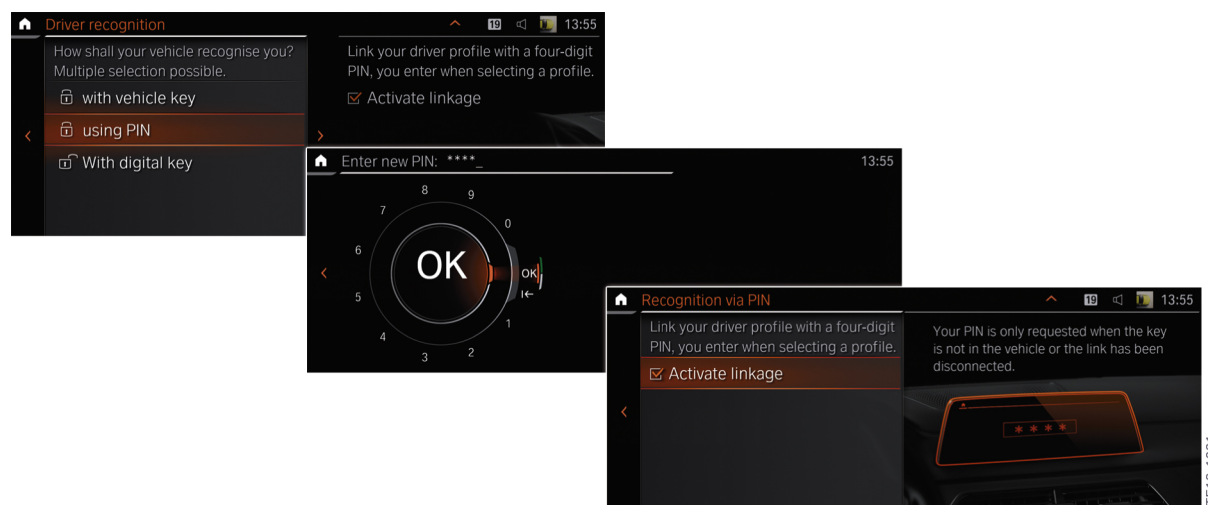
Following the switch to the guest profile, the driver profile function introduced a new protection option.

If both ID transmitters were already linked to a Personal Profile, the driver could still protect his profile against changes. To this end, the driver temporarily canceled the link to the ID transmitter and switched to the guest profile before vehicle handover to the Service Partner. In addition, a PIN could be assigned as a **new function**. The PIN prevented the profile from being activated with manual selection and thereby prevented it from being modified. When the driver receives his vehicle back again, he reactivates the key link. His or her profile was automatically activated again and the complete individualization was available on the vehicle again.

SET UP PIN

A separate PIN could be defined for the individual driver profiles in each case. This was useful, for example, if there was only 1 ID transmitter for a vehicle, but the vehicle was used by several people (e.g. a company car with several, different users).

A PIN is useful in addition to the key link if the ID transmitter is mixed up and the link to the key is removed.



Set up PIN protection

DRIVER PROFILES IN MARKETS WITHOUT CONNECTEDDRIVE

The following deviations apply in markets without ConnectedDrive:

- In order to create a driver profile, **no** ConnectedDrive account is required. Any profile name can be defined.
- It is not possible to transfer settings to other vehicles via the Open Mobility Cloud. A transfer using a USB stick is also not possible.
- The driver profile can be linked to an ID transmitter via the menu "Driver profiles".

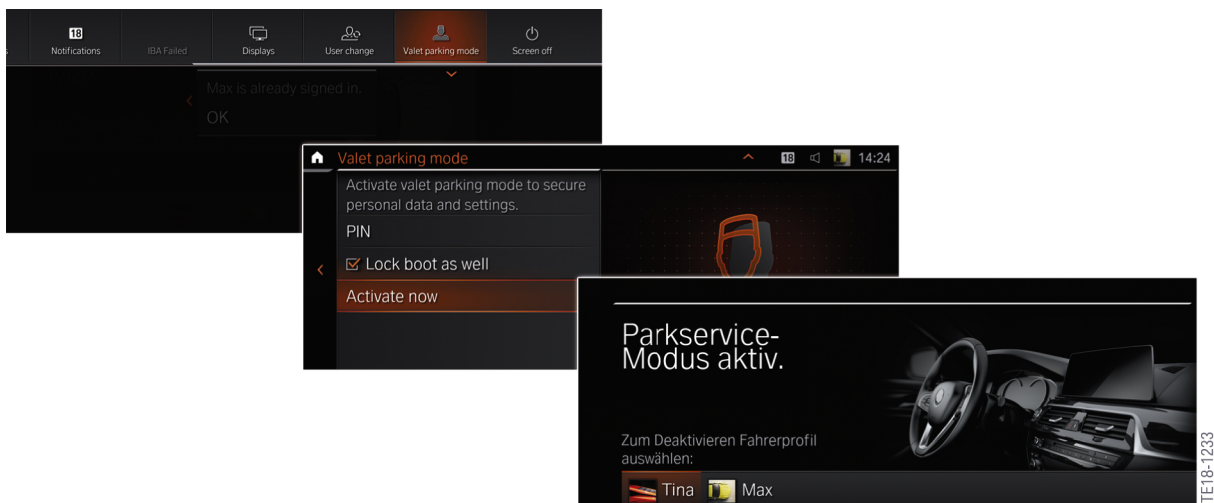
VALET PARKING MODE.

If the vehicle is handed in to a park service and should be protected against misuse by the park service, there is the option to activate a Park Service mode. With activated Park Service mode the central information display (CID), the controller and the functional bookmarks are blocked.

In addition, the following actions are still carried out with activated Park Service mode:

- Limit volume of audio system
- No deactivation of the Dynamic Stability Control possible
- Tailgate locked and decoupled from the central locking system.

In order to activate Park Service mode, at least one driver profile must be created as a prerequisite. Valet parking mode does not work in guest mode.



Activation of Park Service mode

ACTIVATION OF VALET PARKING MODE

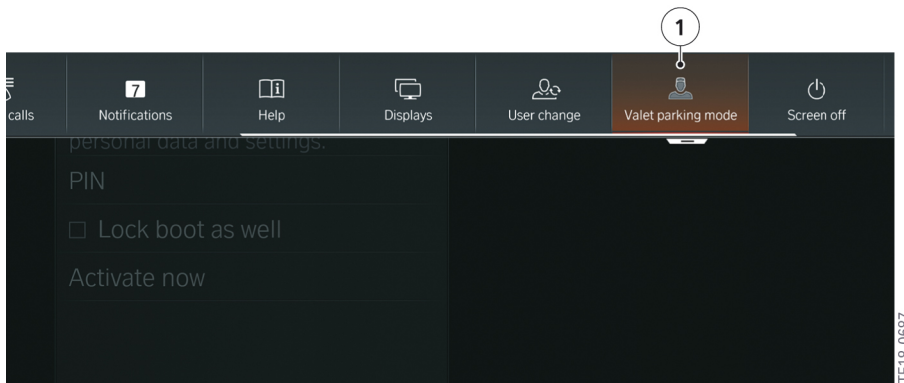
Valet parking mode was activated via the iDrive system. There were several options for this:

- Via the Parking Service mode menu item in the display bar
- Via the Settings menu

A PIN needed to be defined before activating valet parking mode. Valet parking mode was deblocked again using this PIN.

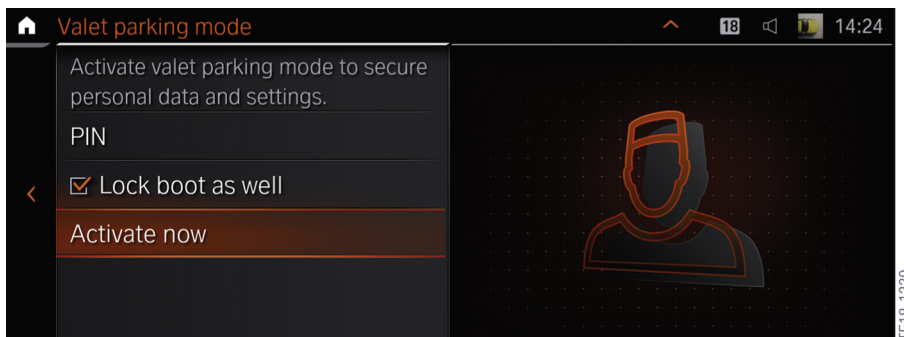
If there was already a PIN for the active driver profile, it was used for valet parking mode.

A PIN needed to be created for a driver profile without a PIN beforehand.



Display bar, Park Service mode

Index	Explanation
1	Park Service mode



Parking Service mode in the Settings menu

DEACTIVATION

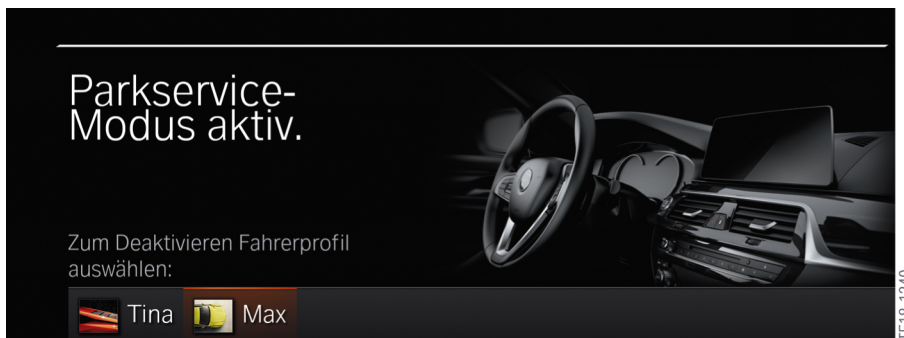
The lock screen of Park Service mode is displayed on the central information display (CID). The deactivation of Park Service mode is dependent on which driver profile is selected:

- PIN known
- Guest profile.

If the PIN is known, valet parking mode can be deactivated by inputting the PIN irrespective of the driver profile.

If the PIN is not known or has been forgotten, Park Service mode can be deactivated by inputting the ConnectedDrive login data.

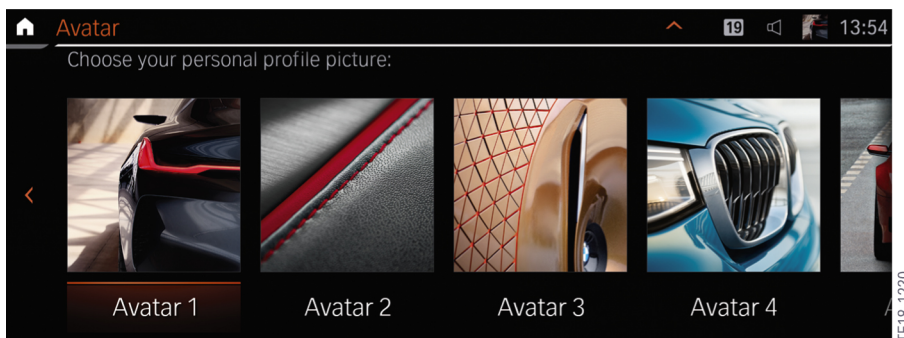
In the guest profile Park Service mode can only be deactivated if it was activated beforehand by the guest profile. If the PIN in the guest profile is not known or has been forgotten, Park Service mode can be deblocked by inputting the PIN of another driver profile.



Lock screen of the Parking Service mode

PROFILE IMAGE (2018 - 10/2020).

A profile image predefined by BMW in the vehicle could be assigned to the driver profile. The profile image could be selected via the Settings menu.



Select profile picture

IMPORT DRIVER PROFILES INTO THE VEHICLE WITH QR CODE (SINCE 11/2020).

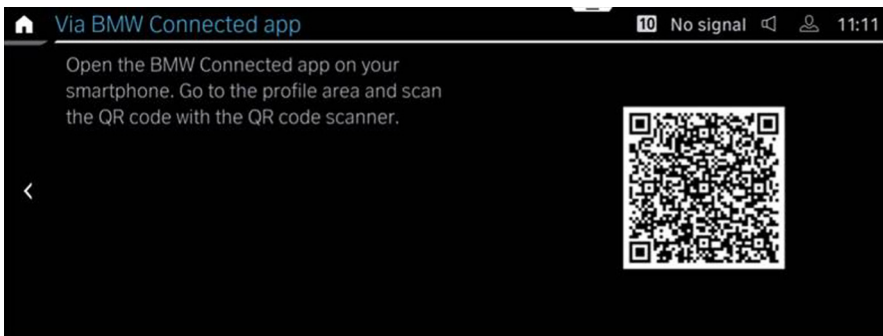
Since the end of 2020, the "My BMW App" in conjunction with BMW Operating System 7 and build level 11/2020 (production date ex works) can be used to activate the customer's **BMW ConnectedDrive profile - now the BMW ID** - directly in the vehicle using a QR code.

The function will also be available in vehicles with **BMW Operating System 8** from July 2021.

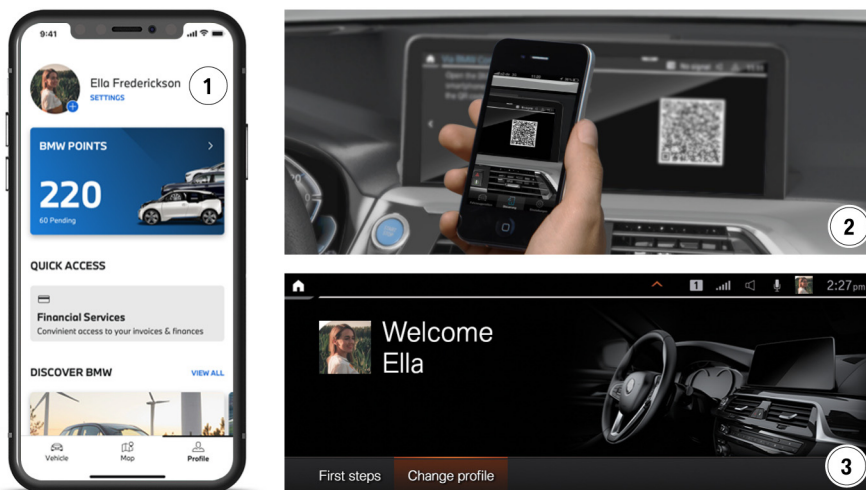
The tedious login process using the screen keyboard of the CID in the vehicle is deleted. A prerequisite is that the "My BMW App" is active on the smartphone and that the camera of the smartphone is suitable for scanning a QR code.

Entry point will be a separate menu under the "Profile" tab.

The QR code scan thereby complements the personalization of profiles and offers the customer another **way to create a driver profile**.



Option to use the smartphone profile in the vehicle



Profile of the BMW smartphone app is used in the vehicle

Index Explanation

- 1 "My BMW App" with an existing customer profile
- 2 Transfer of the "BMW ID" driver profile from the "My BMW App" to the vehicle
- 3 Successful transfer of the driver profile from the "My BMW App" to the vehicle with BMW Operating System 7. Welcome now with profile picture and customer name.

ADOPTION OF THE GUEST PROFILE (SINCE JULY 2020).

It can be assumed that the vehicle with BMW Operating System 7 was already moved under the "Guest" driver profile before use of the "My BMW App" and the vehicle was personalized.

Here, the seat setting and exterior mirror adjustment were also adjusted.

Independent of the "My BMW App", it is possible **since July 2020** to transfer the "Guest" profile to a new customer profile. The following transfer options are available:

- The customer already has an existing profile from an older BMW vehicle or a new ConnectedDrive account (BMW ID). He enters as a guest and uses the transfer option.
- The customer was not a BMW customer before but has already created a completely new profile in the vehicle.
- The customer has not yet added a driver profile in the vehicle. As another step, the customer now adds a driver profile in the vehicle and uses the login by means of the display keyboard or "My BMW App" and QR code (from the end of 2020).



Transfer of guest profile to new/different profile in the vehicle

Index Explanation

- | | |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Accept existing setting of "Guest" |
| 2a | Settings were transferred from the "Guest" profile to... |
| 2b | ...the activated "Customer" profile (here Alice Ashton) |
| 3 | Setting/adjustment options for the profiles in the vehicle such as seat, steering wheel and mirror settings, favourite buttons (without radio), heating/air-conditioning settings, FAS settings via the Intelligent Safety menu, navigation settings (such as recent destinations, map setting, etc., or also the BMW Intelligent Personal Assistant (personal activation password) |