Information about Version
Summary

This Remote Software Upgrade includes the following enhancements where not already installed on your vehicle. The new features and functional enhancements in this upgrade are only applicable if your vehicle has the equipment specification or is included in the relevant quality improvement.

- Greeting: Now also acoustically
- Efficiency Coach: Efficiency Coach also in the head-up display
- BMW IconicSounds Electric: New soundscapes for pure-electric driving pleasure
- BMW Maps: Consistent display of result lists for navigation destinations
- Navigation that learns: Important information despite deactivated route guidance
- Apple CarPlay®: Optimization of speech recognition and new compass
- DAB and FM tuner: Additional information for your radio stations
- BMW ConnectedDrive upgrades: Increase your driving comfort)
- Charge-optimized route: More information and setting options
- Personalization: Simplified adding and removal of your BMW with the My BMW App
- Personalization: Increase in the number of users for the My BMW app
- Personalization: Improvements to Digital Owner Key and radio settings
- Enhanced driver recognition: Extension of application scenarios
- My Modes: Expansion of existing modes
- BMW Intelligent Personal Assistant: New visualization of the speech dialog
- BMW Intelligent Personal Assistant: More information about unused functions
- BMW Intelligent Personal Assistant: Widget and player enhancements
- BMW Intelligent Personal Assistant: Proactive indications of unused functions
- Expanded voice control: Extensive range of functions
- ConnectedDrive Store in the vehicle: Customize your BMW
- Thermal comfort package: Change of operating option for panel heating
- Emergency lane assistant: Now usable in even more countries
- Note from the driver assistance systems: Reason for non-activation
- Front collision mitigation: Support in the event of hazards with oncoming traffic
- Front collision mitigation: Assistance in the event of danger in rear-end collision situations
- Exit warning: Receive a warning when leaving your BMW

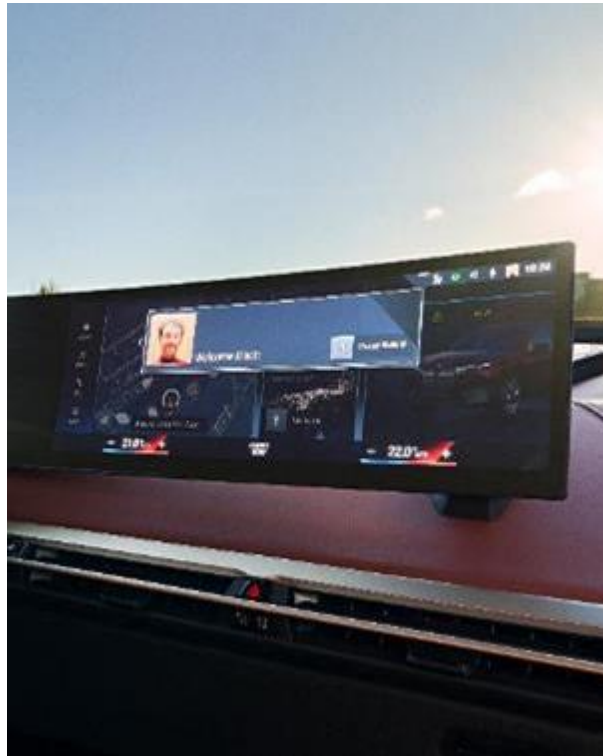# Information about Version
Summary

This Remote Software Upgrade includes the following enhancements where not already installed on your vehicle. The new features and functional enhancements in this upgrade are only applicable if your vehicle has the equipment specification or is included in the relevant quality improvement.

- Panorama View: Activated by GPS point
- Trailer Assistant: Help when reversing
- Road priority warning: Support now also available for traffic lights
- ADAS NG protocol: Provision of navigation data to various in-vehicle control units and functions
- Lane Departure Warning: Adjustment of the warning signal
- Lane Departure Warning: Optimized steering intervention for increased driving comfort
- Preparation for contextual recommendations in the navigation system
- Improved quality: Lock indicator, second row of seats
- Improved quality: Adaptation of fault reaction in the event of aborted charging
- Improved quality: Display of the current vehicle data in the My BMW App
- Improved quality: Programming control units (MGU head unit)
- Recall: Programming control units (airbag)

Information about Remote Software Upgrade on your BMW.

- Validity of the Remote Software Upgrade and Release Notes
- Functional updates and improved quality
- Updating the on-board operating instructions in the vehicle
- Special information about this upgrade
- Specific notes for Electric / Plug-In Hybrid vehicles
- Use of the My BMW App for data transfer

Greeting: Now also acoustically

After unlocking and opening the front doors, your BMW not only greets you visually, but also acoustically. The greeting sound can be deactivated at any time under the sound settings. In addition, the welcome screen is displayed even faster and you can use infotainment functions immediately. (only available for vehicles with OS8)

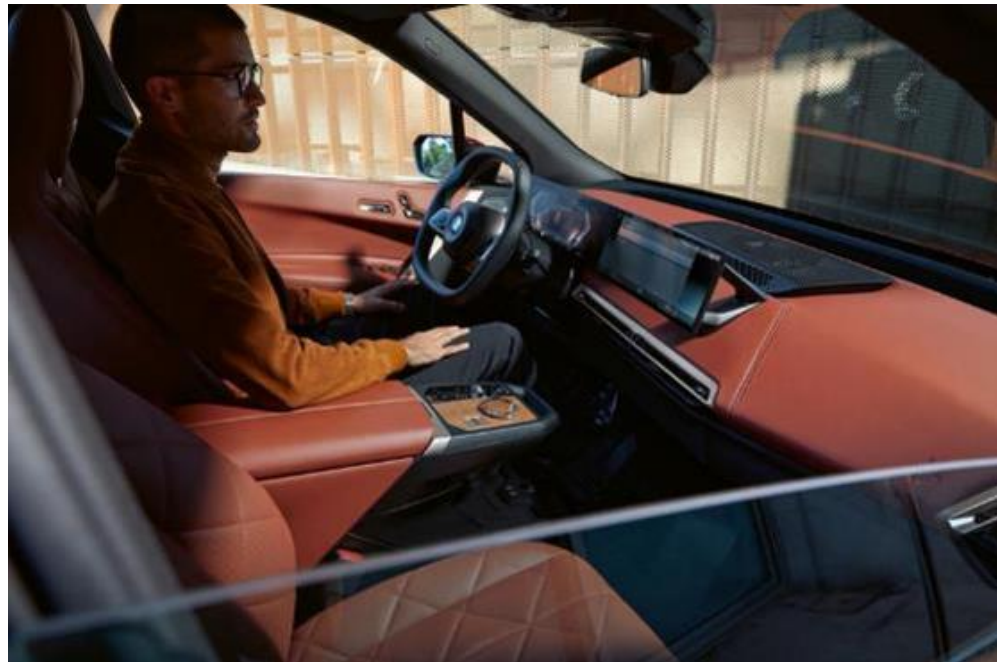# Efficiency Coach: Efficiency Coach also in the head-up display

You can now also experience the visual representation of the Efficiency Coach in the head-up display. (only available for vehicles with OS8)

BMW IconicSounds Electric: New soundscapes for pure-electric driving pleasure

BMW IconicSounds Electric introduces new, diverse and emotionally rich soundscapes. They have been created as part of a collaboration between the BMW Sound Design Studio and Academy Award-winning composer Hans Zimmer. The new sounds embody the vehicles' design language by offering a holistic experience. The new sounds reflect the specific performance characteristics of the drive system on board and the signature attributes of an electrified BMW in a completely new yet wholly authentic way. The worlds of sound created by BMW IconicSounds Electric vary depending on the driving mode selected by the driver.

Amazon Alexa Car Integration: Now available in your BMW

Use Alexa in your BMW as you do at home. Edit your shopping list, check the status of your Amazon order or check out the latest stats for your favorite sport – all on the move and without your hands needing to leave the steering wheel. "Alexa, who's the President of the USA?" or "Alexa, add toothpaste to my shopping list!" You can now also operate compatible smart home devices from your BMW by voice command. Simply say "Alexa, open the garage!" to get into the garage easily. (only available for vehicles with OS8)

In order to use Alexa in your BMW, you must first complete the activation in the My BMW App and in the vehicle

BMW Maps: Consistent display of result lists for navigation destinations

Previously, the navigation destination result lists differed in terms of whether the destination was entered with the touchscreen / iDrive Controller or by voice input. This now occurs uniformly. The functions of destination selection in the result lists, such as filtering or sorting, are available to you regardless of the type of destination input. (only available for vehicles with OS8)

Navigation that learns: Important information despite deactivated route guidance

With navigation that learns, important information is displayed on the way to your suggested destination even without active route guidance. This includes, for example, information about traffic obstructions or dangerous bends. If you discard the suggested destination, it will no longer be displayed until your vehicle is next started. (only available for vehicles with OS8)

Apple CarPlay®: Optimization of speech recognition and new compass

The detection algorithm has been optimized to make your BMW even better aware of the keyword "Hey Siri" in German, English, Mandarin and Japanese – along with other improvements. In addition, the instrument cluster now displays the arrival time and a compass on the navigation map. This requires activation in the settings of your iPhone. This is not available in all countries and only for vehicles with OS8.

DAB and FM tuner: Additional information for your radio stations

For better orientation, your radio now focuses on supplementary information for the majority of your channels, such as station names, station logos, and title information. (only available for vehicles with OS8)

BMW ConnectedDrive upgrades: Increase your driving comfort

After installing this software, the special equipment options Driving Assistant Plus, steering wheel heating, seat heating and high beam assist are available in the ConnectedDrive Store for a fee, if they are not already included in your vehicle configuration.

Charge-optimized route: More information and setting options

When you enter a destination, the route (with all necessary charging stops) is now calculated for you. In the route overview, you can also see the expected battery charge upon arrival at the charging stops and at the destination. In addition, there is the recommended battery charge on departure after each charging process and the associated expected charging time. In addition, it is now possible to set how high the respective remaining range should be at the charging stops and at the destination. (only available for vehicles with OS8)

Personalization: Simplified adding and removal of your BMW with the My BMW App

As soon as you login with your BMW ID in car, the BMW will be automatically added to the My BMW App on your smartphone. After installing the software update, this also happens automatically with BMW IDs that are already available in the vehicle.

Main and co-users can profit from extensive functions of the My BMW App with this new feature (e.g. display of the vehicle location, carry out Remote Services like opening the vehicle). Adding the BMW to the My BMW App can take several hours.

Disconnecting a BMW in the My BMW App is also easier: as soon as users delete the vehicle from the My BMW App, their BMW ID in the vehicle is also removed. Conversely, deleting a BMW ID in the vehicle also leads to the automatic removal of the BMW from the My BMW App, so that this BMW ID no longer has any access to remote functions via the My BMW App.

In the BMW ID user management in the vehicle all users are displayed (only available for vehicles with OS8).

Personalization: Increase in the number of users for the My BMW app

The number of users who can add the same vehicle to the My BMW App has been increased. That means that several family members can benefit functions in the My BMW App via their BMW ID. Depending on the vehicle model, up to three (one main user, two co-users) or seven users (one main user, six co-users) are now possible.

If the BMW has already been linked with your BMW ID in the My BMW app, your BMW ID becomes the main user. Otherwise, the first user who adds the BMW to the My BMW App will automatically become the main user. All other users become co-users. This role assignment also applies to BMW IDs that were already available in the vehicle at the time the update was installed.

The main user has more rights than co-users: e.g. the creation and sharing of the BMW Digital Key, user administration rights (e.g. deletion of BMW IDs in the vehicle) and the transfer of the main user role to another BMW ID.

The main user can delete themself and any other BMW ID in the vehicle. If the main user deletes themself, all other users are also deleted from the vehicle and the vehicle is removed from the respective My BMW App of all users.

Resetting vehicle data to factory settings deletes main user and all co-users in car and also deletes the vehicle for all users in the My BMW App (only available for vehicles with OS8).

Personalization: Improvements to Digital Owner Key and radio settings

When creating the Digital Owner Key, your Digital Key is now automatically linked to your BMW ID. In addition, the radio settings – including favorite stations, radio station shortcuts, manual FM/AM frequency selection and traffic messages between vehicles – are portable. (only available for vehicles with OS8)

Enhanced driver recognition: Extension of application scenarios

If several keys are detected in the immediate vicinity of your vehicle, the prioritized key is the one in front of the driver's door. If the vehicle is unlocked while a person is in the driver's seat, there is no profile change from the one linked to the unlocking key.

My Modes: Expansion of existing modes

With this upgrade, the My Modes product range will be expanded to include the "Relax" and "Expressive" modes, provided that the requirements for this are included in your vehicle configuration. In "Relax" mode, special settings ensure relaxing driving. In "Expressive" mode, your BMW has an expressive appearance in the interior.

BMW Intelligent Personal Assistant: New visualization of the speech dialog

The new visualization of the speech dialog consists of light spheres in different sizes and brightness levels. This makes the voice assistant more expressive. With this upgrade, it can also reflect emotional states and application-specific icons for navigation, entertainment and communication. You can choose between harmonious visualization and expressive visualization based on the human appearance. A transcription of the spoken texts is displayed below the visualization. (only for selected vehicles)

BMW Intelligent Personal Assistant: More information about unused functions

Your BMW has a multitude of functions that you may not know about. For this reason, the scope of functions that your BMW can point out has been expanded, provided that these are available in your vehicle: Map modes, home address setup, push-to-talk press-hold, eSIM and battery heat management for optimized DC charging. In addition, there is learning navigation, My Modes "Expressive," My Modes "Relax," configuration of the combined display and the Head-up display, as well as location-dependent charging settings. (only available for vehicles with OS8)

BMW Intelligent Personal Assistant: Widget and player enhancements

With this upgrade, on the one hand the display logic of unused functions of the BMW Intelligent Personal Assistant Widget changes, and on the other hand the BMW Intelligent Personal Assistant receives a new layout. Both display options now also show the following functions: Map modes, set up home address, push-to-talk press-hold, eSIM, battery heat management for optimized DC charging, learning navigation, My Modes "Expressive," My Modes "Relax," configuration of the combined display and Head-up display, as well as location-dependent charging settings. (only available for vehicles with OS8)

BMW Intelligent Personal Assistant: Proactive indications of unused functions

To increase driving comfort, the proactive suggestions have been expanded to include the Active Cruise Control and Parking Assistant functions, if included in your vehicle configuration. If you do not use these functions or only rarely use them, your BMW recommends that you activate them in suitable situations.

Expanded voice control: Extensive range of functions

The range of voice control functions has been expanded in many areas. Numerous driver assistance functions can now be activated, deactivated and operated via voice command. Among other things, various interior and exterior lights can now also be set via voice command. (only available for vehicles with OS8)

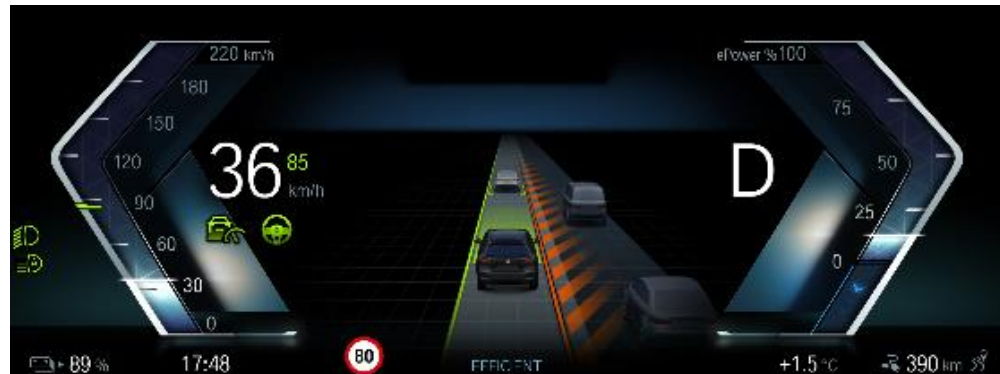# ConnectedDrive Store in the vehicle: Customize your BMW

You can now find the ConnectedDrive Store directly in your vehicle. It includes an overview of all bookable and booked services for your vehicle. You can also easily sample interesting services by starting a free trial period directly in the BMW ConnectedDrive Store in the vehicle. With your consent, you will also receive personalized recommendations tailored to the situation.

Thermal comfort package: Change of operating option for panel heating

To reduce complexity in the climate menu, a toggle button for coupling the panel heating to the setting for the seat heating has been introduced. The separate operating option for panel heating is thus omitted.

Emergency lane assistant: Now usable in even more countries

As part of Assisted Driving Mode, the emergency lane assistant makes it easier to form an emergency lane as required by law in many countries. This means that the vehicle automatically positions itself on the right or left side of the road in a traffic jam situation, depending on the lane being driven in. Available in the following countries: Germany, Austria, Luxembourg, Switzerland, Slovenia, Hungary, Czech Republic, Poland, Slovakia and Belgium.

Use of the system does not remove the responsibility of the driver to assess visibility, traffic conditions and to intervene when needed. The driver should always use caution to reduce the risk of accidents.

Note from the driver assistance systems: Reason for non-activation

If you want to activate the maximum speed limiter, cruise control, Active Cruise Control or Assisted Driving Mode but this is not possible, the specific reason for will now be displayed.

Front collision mitigation: Support in the event of hazards with oncoming traffic

Front collision mitigation with brake intervention helps prevent collisions. The system can detect oncoming vehicles. In an emergency, the system can prevent a collision or significantly reduce the impact speed.

Use of the system does not remove the responsibility of the driver to assess visibility, traffic conditions and to intervene when needed. The driver should always use caution to reduce the risk of accidents

Front collision mitigation: Assistance in the event of danger in rear-end collision situations

If the front collision mitigation clearly detects the end of a traffic jam, the system can bring forward the intervention time of the brake intervention and, in an emergency, ensure a significant reduction in the impact speed.

Use of the system does not remove the responsibility of the driver to assess visibility, traffic conditions and to intervene when needed. The driver should always use caution to reduce the risk of accidents.

Exit warning: Receive a warning when leaving your BMW

When leaving your BMW, the exit warning can warn you about approaching road users and help to prevent collisions.

Use of the system does not remove the responsibility of the driver to assess visibility, traffic conditions and to intervene when needed. The driver should always use caution to reduce the risk of accidents.

Panorama View: Activated by GPS point

It is now possible to activate a panoramic view in the curved display using GPS data. To do this, set a GPS point in the system. As soon as you reach these coordinates with your BMW, Panorama View is automatically started.
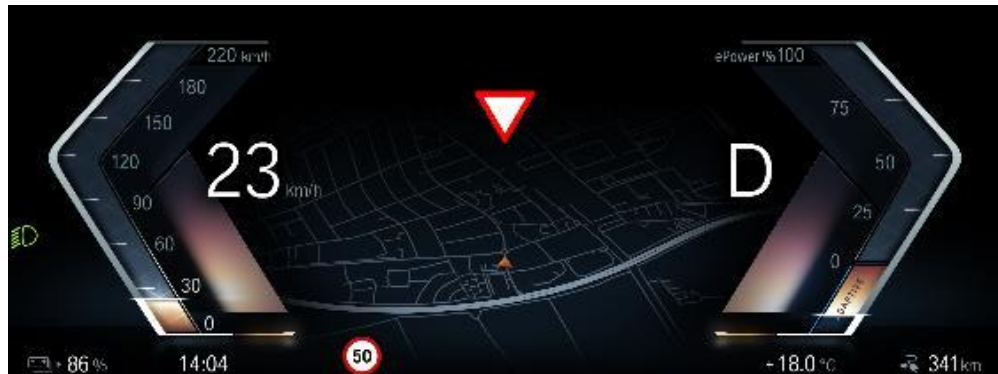
Trailer Assistant: Help when reversing

When reversing with a coupled trailer, the Trailer Assistant helps you by actively steering.

Use of the system does not remove the responsibility of the driver to assess visibility, traffic conditions and to intervene when needed. The driver should always use caution to reduce the risk of accidents.

Road priority warning: Support now also available for traffic lights

In addition to the right-of-way signs "Observe right-of-way" and "Stop" signs, your right-of-way warning now supports you at traffic lights.

Use of the system does not remove the responsibility of the driver to assess visibility, traffic conditions and to intervene when needed. The driver should always use caution to reduce the risk of accidents.

ADAS NG protocol: Provision of navigation data to various in-vehicle control units and functions

Further development of the Advanced Driving Assistance System Navigation (ADAS NG) protocol benefits from the provision of additional navigation data. In practice this means, among other things, that functionality of the Speed Limit Assistant or Video-Augmented Reality has been improved. In addition, further optimizations were carried out. (only available for vehicles with OS8)

Lane Departure Warning: Adjustment of the warning signal

A warning signal is emitted if steering intervention of the Lane Departure Warning is repeated. From the third steering intervention of the vehicle within the next three minutes, the warning signal is extended by an additional ten seconds with each subsequent steering intervention. With the upgrade, driver activity resets the duration of the warning signal to the original length (only available for vehicles that have Lane Departure Warning installed ex works).

Use of the system does not remove the responsibility of the driver to assess visibility, traffic conditions and to intervene when needed. The driver should always use caution to reduce the risk of accidents.

Lane Departure Warning: Optimized steering intervention for increased driving comfort

Steering interventions of your Lane Departure Warning when leaving the lane are smoother, as the steering duration and steering forces adapt more to the individual driving situation, i.e. the slower you leave the lane (for example), the smoother your vehicle will steer. Your BMW now aligns itself close to the lane marking that had previously been crossed to ensure that you return to an optimum driving position faster.

Use of the system does not remove the responsibility of the driver to assess visibility, traffic conditions and to intervene when needed. The driver should always use caution to reduce the risk of accidents.

Preparation for contextual recommendations in the navigation system

The upgrade prepares for the technical capability of your infotainment system to display personalized and contextual recommendations from selected third-party providers as well as offers from BMW in the future as part of potential new services from BMW based on route planning, current location and vehicle data. The upgrade also includes preparation for the associated enabling of the online-capable search function of your navigation system.

Improved quality: Lock indicator, second row of seats

Improvement of the locking function display for the second row of seats when entering the third row of seats (Easy Entry).

Improved quality: Adaptation of fault reaction in the event of aborted charging

More robust charging behaviour in the event of charging network fluctuations and vehicle protection functions to increase the service life of your drive.

Improved quality: Display of the current vehicle data in the My BMW App

The programming is used to improve the updating of vehicle data through a more robust connection with the My BMW App.

Improved quality: Programming control units (MGU head unit)

Installing this software prevents the parking light, instrument lighting and manual headlight beam regulator from being unable to be adjusted when Park Service mode is activated.

In rare cases where the restraint system, pedestrian protection or crash deactivation of the HV system fails, the Check Control message or the airbag warning lamp may not be displayed. This is corrected by programming with the new software (TA ID for iX: 0065780300; TA ID for 2-series Active Tourer: 0065790300)

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**Validity of the Remote Software
Upgrade and Release Notes**

The new features and functional enhancements in this upgrade are only applicable if your vehicle features the equipment specification. Please refer to your vehicle's Integrated Operating Instructions, contact your Service Partner or contact the BMW ConnectedDrive hotline for information about your vehicle's equipment specifications.

Function updates and quality enhancements

This remote software upgrade updates existing functions to meet the latest state-of-the-art technological standards, and includes quality enhancements.

Updating the on-board operating instructions in the vehicle

Thanks to this Remote Software Upgrade the Integrated Operating Instructions in the vehicle will feature the most up-to-date version.

- After starting the installation of your Remote Software Upgrade, you can leave the vehicle and lock it. The software installs itself completely automatically.
- With this upgrade, communication with the vehicle key is updated once after the software installation (comfort functions opening, closing, engine start). This will take up to an additional 15 minutes. Vehicle access and vehicle start are still possible during this period as follows:
Vehicle access: Unlock by holding the mobile device to the outside door handle (for keys: press unlocking button)
Vehicle start: Place the mobile device in the NFC tray (for keys: Hold against the steering column with key symbol)
- IMPORTANT NOTE: Please remove all OBD diagnostic systems used (logbooks, GPS trackers) before the start and during the upgrade.
- After starting the installation, the vehicle's central locking system is operational. In vehicles with LED central locking buttons (e.g. iX and 7 series), after locking, a red light is displayed for approx. 1 minute. On vehicles with a door locking pin (for example, i4), the pin disappears in the door. There is no mirror folding, the turn indicators do not flash as confirmation and there is no sound signal.
- Note for iX vehicles: After opening the doors during the installation of new software, the windows will no longer close automatically – a result of the anti-trap protection being deactivated for safety reasons. Once the installation is complete, the windows then return to normal when the doors are operated.
- Note for electric vehicles: When charging with direct current (DC), the charging process will not resume after installation of new software.
- IMPORTANT NOTE: Certain services may not run, or may only run to a limited extent, until this upgrade is installed.
- Reloading the ConnectedDrive apps after the upgrade can take a certain length of time.
- Some settings may be reset to default after the upgrade (for example, Connected Music or notification settings), and need to be re-activated.
- Restarting some vehicle systems may cause control messages to appear on the display during or after an upgrade. Please pay attention to these control messages and observe whether they are still shown after the restart (e.g. parking brake, drivetrain malfunction)
- IMPORTANT INFORMATION for iOS users: When transferring the upgrade using your smartphone, please connect via the Bluetooth & WiFi connection in the vehicle using the "Mobile devices" menu. If the Bluetooth and/or WiFi icon appears grayed out, please first activate Apps & Bluetooth Audio in the settings of the "Mobile devices" submenu or follow the instructions on the screen or in the internal operating instructions.

- IMPORTANT NOTE for M vehicles: The installation prompt for the Remote Software Upgrade can only be displayed approx. 30-60 minutes after engine switch-off because the engine needs to cool down. The prompt is displayed before engine start. The next time you enter your vehicle, please do the installation before starting the engine and wait until the installation prompt is displayed.
- IMPORTANT NOTE for users of BMW Drive Recorder: In some circumstances, the initial settings will be reset and recorded videos deleted after the upgrade.
- After upgrading the vehicle, the unit settings may be reset, for example for the torque unit. In this case, the unit is reset to the country-specific default value. A one-time resetting of the desired unit solves the problem.
- Please note that conversions/retrofits/tuning or special encoding, etc. on the vehicle that has not been approved by BMW AG ("BMW") may be lost as a result of a remote software upgrade or lead to significant problems (up to and including consequential damage) during and after vehicle programming. BMW and BMW service outlets accept no liability for any resulting damage.

Specific notes for Electric / Plug-In Hybrid vehicles

- If you carry out the Remote Software Upgrade while charging, the charging process will stop and not continue automatically.

- Charging and air-conditioning settings may be reset after the Remote Software Upgrade (e.g. settings for charging at 6A instead of 16A). Please therefore re-enter your preferences in the corresponding menus under Settings after the upgrade finishes.

Use of the My BMW App for data transfer

OS 7   OS 8

NOTE: Visit Youtube or use the QR codes shown for more information about how to use the My BMW App for data transfers.