BMW i3 BimmerCode Coding Options

Requirements	1
Instructions	1
Backups	2
Coding Options	2
Advanced Crash Safety Module (ACSM)	2
Disable Startup Gong	2
Disable Seat belt Reminders	2
Body Domain Controller (BDC)	3
Dynamic Driving Mode Default	3
Mirror Folding	3
Bootlid/Frunk	3
Unlock on engine stop (single door pull)	3
Enable Brake Force Flashing with Hard Braking (Expert)	3
Headunit (HU)	3
Lock confirmation sound	3
Legal Disclaimers Disable	3
Tire Pressure/Temperature	4
Video in Motion	4
Enable "Hold Mode" for REx (Expert)	4
Enable iDrive Office (Expert)	4
Instrument Cluster (KOMBI)	4
GPS Clock Synchronization	4
Enable Unrestricted Gas Tank for REx (Expert)	4

Requirements

- 1) iOS device running 9.3 or greater
- 2) <u>BimmerCode Application</u> and In-App purchase (you must do this before connecting to your car)
- 3) Vgate Wifi iCar 2 (or iCar 3 is also confirmed to work).

Instructions

- 1) Install BimmerApp iOS Application and activate in-app purchase inside the BimmerApp Settings gear.
- 2) Make sure your iOS device is charged or charging you don't want the device to power-off during coding!
- 3) Backup your BMW Profiles as some coding may wipe out your presets!
 - a) Insert a FAT32 formatted USB drive into your USB port in the armrest
 - b) Navigate to Menu -> Settings -> Profiles.
 - c) Select "Export"
- 4) Attach the Vgate dongle to your car
- 5) Turn the car on (in **Ready** mode)
- 6) Put iOS device in Airplane mode.
- 7) Go into Settings -> Wi-Fi and connect to *Vgate* wireless network.
- 8) Once you're connected to the dongle (Wi-Fi signal strength meter should show full), open BimmerCode App and click **Connect**
- 9) It should take a few minutes to detect the ECUs in your automobile, once detected, you can begin coding.
- 10) Follow the items below, categorized by ECU to change settings. Items marked with **EXPERT** require you to click "Expert Mode" at the bottom of each ECU, search/navigate to the correct item to configure then press *Code* to apply. **Please use caution when executing expert commands as the results may have unintended consequences.**
- 11) Restore your BMW Profiles (if needed)
 - a) Insert your USB drive with the exported profiles into the USB port in the armrest
 - b) Navigate to Menu -> Settings -> Profiles.
 - c) Select "Import"

Backups

Backups are performed on a per-ECU basis when you initiate "Code" on that ECU. To roll back to a previous version, you must go to each ECU you've coded, go into Backups, select the backup, then click "Code" to restore the backed-up settings. WARNING: it's unclear if you can save these backups outside of the app, but they should be part of the standard iOS backup process, but you must restore from a backup in order to have access to this.

Coding Options

Advanced Crash Safety Module (ACSM)

Disable Startup Gong

• Set *Initial warning after start* to "Not Active" to disable startup warning.

Disable Seat belt Reminders

- For Drivers Seat, set:
 - Seat belt reminder driver seat to "Not Active" to disable reminder.
 - Seat belt reminder indicator driver seat "Not Active" to disable indicator.
- For Passenger Seat, set
 - Seat belt reminder passenger seat to "Not Active" to disable reminder.
 - Seat belt reminder indicator passenger seat to "Not Active" to disable reminder.

Body Domain Controller (BDC)

Dynamic Driving Mode Default

• Set *Driving mode on startup* to whichever mode (Comfort, ECO PRO or ECO PRO+) you prefer to be active default when you start your car.

Mirror Folding (with button hold)

 Set Fold mirrors when locking vehicle with Comfort Access to "Active" if you wish to fold your windows when locking with comfort access (or holding the lock button on your key fob).

Mirror Folding (automatic) (Expert)

• Select/search for "3056" and set KOMFORT_SCHIESSEN to "0x00"

Bootlid/Frunk

• Set *Bootlid opening delay with remote control* to the amount of time you'll hold the trunk button on your fob. If you select 5 seconds, holding the trunk button for 5 seconds should open your "frunk".

Unlock on engine stop (single door pull)

• Set *Unlock on engine stop* to "Active" to unlock the car after the engine has stopped.

Enable Brake Force Flashing with Hard Braking (Expert)

- Select/search for "3068"
 - Set ESS_AKTIVIERBARER_AUSGANG to "bremsclicht blinkend"
 - Set MAPPING_BRAKEFORCE_1_L_OUTPUT to "bl"
 - Set MAPPING_BRAKEFORCE_1_R_OUTPUT to "bl"

Headunit (HU)

Lock confirmation sound

 Set Checkbox acoustical lock confirm to "Not Active" to disable the lock confirmation on your car

Legal Disclaimers Disable

• Set *Legal disclaimers to* "Not Active" to disable the startup legal disclaimers on the navigation unit.

Tire Pressure/Temperature

• Set *Tire pressure control* to "Display temperature and pressure" to see both temperature and pressure on the navigation display.

Video in Motion

To enable playing of videos from USB, enable the following settings:

- Set Video codes to "All Active"
- Set Video in motion to "Active"
- Set Video via USB to "Active"

Enable AM Radio (Expert)

 Select/search for "3002 AUDIO_TUNER_TRAFFIC" and set RADIO_BAND_KW to "Active"

Enable "Hold Mode" for REx (Expert)

• Select/search for "3000 HMI" and set EV_MENU_AVAILABLE to "rex"

Enable iDrive Office (Expert)

- Select/search for "3003":
 - Set MACRO_PIM to "active"
 - o Set PIM_DRIVING_TEXT_LENGTH to "whole text"
 - Set SPEECH 2 TEXT to "Active"
- Select/search for "3000" and set OFFICE_MESSAGES_SPEEDLOCK_CONDITION to "Not Active"

Instrument Cluster (KOMBI)

GPS Clock Synchronization

• Set *GPS clock synchronization* to "Active" to enable. You will still need to set your time/date after doing this, but after that, it should stay synchronized.

Enable Unrestricted Gas Tank for REx (Expert)

This is only applicable for model years <=2016.

- Select/search for "3005 Tank" then:
 - Set TNK_LITER_RECHTS to "mcv_rex_liter_kl_rechts"
 - Set TNK_OHM_RECHTS to "mcv_rex_ohm_kl_rechts"
 - Set TNK_VOLL_ANZEIGE to "8_liter"