**BMW i3 Coding Parameters – Updated December 31, 2016**

**Re-Code for Enhanced Bluetooth:**

Change FA (VO) to Remove 6NH from VO & Add 6NS to VO

VO Code HU\_ENTRY & CMB\_MEDIA (or just HU-NBT)

Read FA(VO)🡪Activate FA(VO)🡪Read SVT🡪Right-Click ECU & Select Code

Now Proceed to code HU\_ENTRY & CMB\_MEDIA (or just HU\_NBT) Modules … or re-code if coding was already present

**IF YOU NEED TO DO THE ABOVE … FOLLOW THE INSTRUCTIONS FOR “HOW TO CHANGE FA” in my BMW Coding Beginner’s Guide. This needs to be done FIRST … meaning before you perform FDL Coding or Changing Werte Values**

**ACSM Module:**

SeatBelt Reminder Lights OFF

3001🡪Gurtzustandsanzeige\_Beifahrer (Driver) Set to: nicht\_aktiv

3001🡪Gurtzustandsanzeige\_Fahrer (Passenger) Set to: nicht\_aktiv

Disable Welcome 3 Gongs:

3001 🡪 Initialwarnung Set to: nicht\_aktiv

SeatBelt Reminders/Sound OFF

3001🡪SBR-PreWarning\_Fahrer (Driver) Set to: nicht\_aktiv

3001🡪SBR-PreWarning\_Beifahrer (Passenger) Set to: nicht\_aktiv

**BDC Body Module:**

Change Behavior of 3rd Button on Keyfob (short, med, long press of button)

30D0 🡪 RC\_DEFAULT\_IDG\_3RD\_BUTTON\_SHORT set to: option below

30D0 🡪 RC\_DEFAULT\_IDG\_3RD\_BUTTON\_MID set to: option below

30D0 🡪 RC\_DEFAULT\_IDG\_3RD\_BUTTON\_LONG set to: option below

30D0 🡪 RC\_DEFAULT\_IDG\_4TH\_BUTTON\_SHORT set to: option below

30D0 🡪 RC\_DEFAULT\_IDG\_4TH\_BUTTON\_MID set to: option below

30D0 🡪 RC\_DEFAULT\_IDG\_4TH\_BUTTON\_LONG set to: option below

Wert\_00 = No Action

Wert\_02 = Open Trunk (rear Boot)

Wert\_03 = Panic Alarm

Wert\_04 = Follow-Me-Home (find car in dark parking lot – lights on)

Wert\_05 = Open Frunk (front boot)

Wert\_07 = Auxillary Cooling

Unlock all doors with engine off (Single-Pull Handles):

3040🡪VAM\_UNLOCK\_KL15OFF\_AFTER\_PIA\_AUTO\_LOCK set to: aktiv

Electronics off when door opened

3020🡪TCM\_LOGIC\_R\_OFF\_DOOR set to: aktiv

Start Car by pushing button (hold brake not needed)[NOT WORKING]

3000🡪TC\_STARTLOCK\_BRAKE set to: nicht\_aktiv

3000🡪TC\_STARTLOCK\_DRIVINGREADINESS set to: nicht\_aktiv

Increase DRL Brightness to be brighter (increases voltage to the LED Bulbs)

3062 🡪 MAPPING\_STANDL\_V\_L\_PWM\_LEVEL\_1 set to: 13.7v

3062 🡪 MAPPING\_STANDL\_V\_R\_PWM\_LEVEL\_1 set to: 13.7v

3062 🡪 MAPPING\_PARKL\_1\_V\_L\_PWM\_1\_LEFT set to: 13.7v

3062 🡪 MAPPING\_PARKL\_1\_V\_L\_PWM\_2\_RIGHT set to: 13.7v

Close windows, sunroof & mirror from key fob:

3056 🡪 KOMFORTSCHLIESSUNG\_FB (Comfort Access ONLY) Set to: aktiv 00

3110 🡪 ASP\_BEIKLAPPEN Set to: aktiv

3110 🡪 ASP\_BEIKLAPPEN\_BEI\_KOMFORTSCHLIESSEN Werte=01

3110 🡪 ASP\_AUSKLAPPEN\_NACH\_KOMFORTSCHLIESSEN Werte=01

Set Mirror Fold Delay Time

3056🡪KOMFORT\_SCHLIESSEN Werte=00

Change Mirror Un-Fold Automatically at XX Speed (Binary value in Werte):

3110 🡪 ASP\_GESCHWINDIGKEIT\_AUTO\_AUSKLAPPEN Werte=14 (12Mph)

Turn off front window roll-up door interrupt (Auto-Up when door is not closed):

3050 🡪 FH\_TUERAUF\_STOP\_MAUT set to: nicht\_aktiv

Change Triple-Blink Count to One or Five Blinks:

3069 🡪 PIA\_DEFAULT\_TIPPBLINKEN Five blinks, set to: Tippblinken\_fuenfmal

One blink, set to: Tippblinken\_einsmal

Turn on Brake Force Flashing with Hard Braking:

3068 🡪 ESS\_AKTIVIERBARER\_AUSGANG set to: bremsclicht blinkend

MAPPING\_BRAKEFORCE\_1\_L\_OUTPUT set to: bl

MAPPING\_BRAKEFORCE\_1\_R\_OUTPUT set to: bl

Brake Force Flashing frequence/speed

ESS BLINKFREQ 1 Werte=(01 to 05) (05 is fastest)

ESS BLINKFREQ 2

Enable Automatic hazards after panic stop

WB\_GB\_ENABLE set to: aktiv

Tilt Passenger Mirror farther down when in reverse

3110🡪ASP\_BORDSTEINAUTOMATIK\_DELTA Werte=4B

Ambiance Lighting controlled independent from Dimmer Switch

3070 🡪 AMBIENTE\_NACHFUEHRUNG set to: nicht\_aktiv

Enable Illumination of Exterior Door Handle LEDs when in Reverse

3070🡪OVT\_BEI\_RUECKFAHRLICHT set to: aktiv

Turn on Fog Lights with Welcome Lights:

3063 🡪 MAPPING\_NEBELSCHW\_L\_PART\_OF Werte=10

3063 🡪 MAPPING\_NEBELSCHW\_R\_PART\_OF Werte=10

Activate Rear Fog Lights (Euro-Switch need in order to work, the i3 faceplate does not have component for mod to work):

3068🡪 NSL\_Verbaut Set to: Verbaut

3064🡪 Mapping\_Nebelschlussl\_L\_output Set to: nsl\_l

3064🡪 Mapping\_Nebelschlussl\_L\_Function Set to: nebelschlusslicht

3064🡪 Mapping\_Nebelschlussl\_R\_output Set to: nsl\_r

3064🡪 Mapping\_Nebelschlussl\_R\_Function Set to: nebelschlusslicht

Turn On Tail Lights with DRLs:

3064 🡪 MAPPING\_TAGFAHRL\_1\_H\_L\_OUTPUT set to: sl\_l

3064 🡪 MAPPING\_TAGFAHRL\_1\_H\_R\_OUTPUT set to: sl\_r

3065 🡪 MAPPING\_TAGFAHRL\_2\_H\_L\_OUTPUT set to: sl\_2\_l

3065 🡪 MAPPING\_TAGFAHRL\_2\_H\_R\_OUTPUT set to: sl\_2\_r

Auto Headlight Turn-On/Off Sensitivity:

3130🡪RLS\_DEF\_FLC\_SCHWELLWERT\_SATZ set to: option below  
3130🡪RLS\_FLC\_SCHWELLWERT\_SATZ set to: option below  
Options:  
normal = normal  
empfindlich = sensitive  
sehr\_empfindlich = very sensitive  
unempfindlich = insensitive

Choose default driving mode:

3221🡪FesInitMode set to: option below

Werte:03 = Comfort

Werte:07 = Eco Pro

Werte:08 = Eco Pro +

**HU\_NBT:**

Enable AM Radio

3002🡪RADIO\_BAND\_KW set to: aktiv

Enable Hold-Mode for Range Extender

3000 🡪 EV\_MENU\_AVAILABLE set to: aktiv

*Once enabled, under Settings in iDrive 🡪 Auto eDrive to enable REx manually (once battery is below 75%)*

Set cell phone ringer as primary

3001🡪INBAND\_RINGING set to: aktiv

Disable Auto-Locking of Doors once begin driving

3000🡪DOOR\_LOCK\_AFTER\_DRIVING\_AWAY set to: nicht\_aktiv

Change Navi Voice to British English

3000🡪LANGUAGE\_ENGLISH\_UK set to: master

3000🡪LANGUAGE\_ENGLISH\_US set to: nicht\_aktiv

Video In-Motion (No Longer need to be stopped to view)

3000 🡪 SPEEDLOCK\_X\_KMH\_MAX werte = FF

3000 🡪 SPEEDLOCK\_X\_KMH\_MIN werte = FF

3000 🡪 VIDEO\_HANDBRAKE set to: nicht\_aktiv

3000 🡪 VIDEO\_FRONT\_LOCKED set to: nicht\_aktiv

3000 🡪 VIDEO\_SPEEDLOCK\_CONDITION set to: none=00

Navi Trip-Import

3000🡪NAVI\_TRIP\_IMPORT set to: aktiv

Navi Fuel-Stop Proposal Along Route

3000🡪NAVI\_FUELSTOP\_PROPOSAL set to: aktiv

Enable Video Files from USB

3000🡪ENT\_CODEC\_XVID set to: aktiv

3000🡪ENT\_CODEC\_VCD set to: aktiv

3003🡪API\_USB\_VIDEO set to: both

Add GPS Current Location to Navi Menu Items

3000🡪NAVI\_POSITION\_MENU set to: aktiv

Enable the function of saving video files to NBT Hard Drive for play later

3000 🡪 ENT\_MC\_VIDEO\_SUPPORT set to: aktiv

Disable Office Function Speed Lock-Out

3000🡪 OFFICE\_MESSAGES\_SPEEDLOCK\_CONDITION set to: none

Enable Full Text Lines in Office While Driving

3003 🡪 PIM\_DRIVING\_TEXT\_LENGTH set to: whole text\_07

Disable Audible Chirp/Beep When Locking Car

3000 🡪 ACOUSTICAL\_LOCK\_CONFIRM set to: nicht\_aktiv

Enable Speech Input for E-Mail or SMS

3003 🡪 SPEECH\_2\_TEXT set to: aktiv

Enable Time-Stamp Display for Call Log

3003 🡪 TIMESTAMP\_DISPLAY set to: aktiv

Add Temperature & PSI to tire monitor screen

3001🡪RDC\_SAFETY set to: aktiv

Disable Legal Disclaimers

3001🡪LEGAL\_DISCLAIMER\_TIME set to: kein\_ld

3001🡪MACRO\_CAM\_LEGALDISCLAIMER set to: kein\_ld

3001🡪MACRO\_NIVICAM\_LDISCLAIMER set to: kein\_ld

Change i-Drive Startup Animation to ///M Logo

3001🡪STARTUP\_EMBLEM set to: variant\_(see below)

///M Logo-01

Alpina on HUH-02

BMW i-03

MINI-04

Rolls Royce Spirit of Ecstasy on HUH-05

Blank/ConnectedDrive-06

BMW different(individual?) on HUH-07

BMW different(retro) on HUH-08

Merry Christmas/Happy New Year on HUH-09

If attempting any labeled for HUH on an HUB car, it defaults to the standard ConnectedDrive

Change iDrive Animation to Standard BMW Connected Drive:

3001🡪STARTUP\_EMBLEM set to: variant\_00

Enable Developer Menu

3000 🡪 ENTWICKLER\_MENUE set to: aktiv 01

Automatic Time setting

3000 -> SETTINGS\_TIME\_AUTOMATIC set to:aktiv

**IHKA Module:**

HVAC System Remembers Last Setting

3000🡪OFF\_MEMORY set to aktiv-werte=01

HVAC System Remember Air Recirculating (ALWAYS AUTO by default on startup)

3000🡪MEMORY\_UMLUFT set to: aktiv

**KOMBI or BKOMBI Module:**

Show Digital Speed in MPH in Instrument Cluster (active by BC button cycle)

3000🡪BC\_DIGITAL\_V set to: aktiv-werte=01

Enable GPS-Sync for Clock to Instrument Cluster

3000🡪GPS\_UHR set to: aktiv

Alter Range Extender activation battery capacity level: [NOT WORKING]

3000 🡪SOC\_HOLD\_POSITION set to: werte = hex value xx

*Units are 0.5% -- default = 0C which is 6% e.g., 18 = 12%*

Increase tank capacity to 9l (2.4 US gal) – Not needed for 94ah Battery models

3005. 🡪 TNK\_LITER\_REHCTS set to: mcv\_rex\_liter\_kl\_rechts

3005. 🡪 TNK\_OHM\_REHCTS set to: mcv\_rex\_ohm\_kl\_rechts

3005. 🡪 TNK\_VOLL\_ANZEIG set to: \_8 liter size

**PMA\_PDC Module:**

Enable Rear-View Camera at all Speeds

300D🡪d\_schwelle\_2kmh set to: werte = FF

300D🡪v\_schwelle\_2kmh set to: werte = FF

**FZD Module In CAFD 1412.xxx**

Disable interior sensor for alarm:

3002🡪Innenraumschutz set to: nichtactiv

Disable OBD socket alarm (for insurance monitors/dongles)

3002🡪OBD-Alarm set to: nicht active

Lower Arm/disarm chirp volume

3001🡪LIN- SINe

Buzzer level low set to: Initwert, Werte=00

Buzzer level high set to: Initwert, Werte=00

Buzzer frequency set to: Werte=7E

Buzzer duration set to: Werte=04

For Latest Software (link will redirect to latest version)

STEP-BY-STEP CODING Tutorial / Guide with Screenshots:

<http://www.bmwesys.com/guides/Beginners%20Guide%20Coding.pdf>

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ESYS 3.26.1 (Base Software Installation - DO NOT RUN the program from the ESYS Shortcut it creates, you MUST run from ESYS Launcher):

<http://www.bmwenet.com/esys>

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PSdZDATA 60.2 Lite (Requires ESYS Launcher Premium 2.3.0 to Open/Run ESYS Program):

<http://www.bmwenet.com/psdzdata>

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ESYS Launcher Premium 2.6.2.124 with Token Generator:

<http://www.bmwenet.com/token>