

Mike Benvo's BMW Coding List – Model Coverage and Features

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****100% REMOTE VEHICLE CODING IS NOW AVAILABLE****

Model Coverage:

BMW 1 SERIES

BMW E87 — (2004–present) 1 Series

BMW 3 SERIES

BMW E90 — (2005–present) 3 Series

BMW E91 — (2005–present) 3 Series Touring/Sports Wagon

BMW E92 — (2006–present) 3 Series Coupe

BMW E93 — (2007–present) 3 Series Convertible

BMW 5 SERIES

BMW E60 — (2004–present) 5 Series

BMW E61 — (2004–present) 5 Series Touring/Sports Wagon

BMW 6 SERIES

BMW E63 — (2004–present) 6 Series coupe

BMW E64 — (2004–present) 6 Series convertible

BMW 7 SERIES

BMW E65/E66 — (2002–present) 7 Series

BMW Z4

BMW E85/E86 — (2003–present) Z4

BMW X5 and X6

BMW E70 — (2007–present) X5

BMW E71 — (2007–present) X6

BMW X3

BMW E83 — (2004–present) X3

Frequently Asked Questions:

1) How does remote coding work?

Remote coding is a fairly simply process. I send you a cable and a flash drive loaded with the coding files. Once you have this, and after setting up the files, the coding session begins. I provide instructions on how to do this, or I can set up the files for you if you wish. Only basic computer skills are required, (copying files from flash drive and joining network) and I take it from there.

2) What are the requirements for remote coding?

Requirements for remote coding are a fairly new PC laptop or MAC laptop. If you have a PC, I will provide all software required. If you have a MAC, you will need VMWare Fusion which can be downloaded from the internet. Other than the computer requirement, you will need a stable wired or wireless internet connection where the car is. The cable can either be rented or purchased from me if you would like to keep it for future coding.

3) How do you accomplish the remote coding?

With 10+ years of both IT and Automotive programming expertise, remote coding has bridged both worlds. Rest assured that you are dealing with an expert that is qualified to perform such upgrades to your vehicle. The preconfigured virtual machine that I provide via flash drive/download, has all of the tools and utilities for me to accomplish the coding. No complex set up is required, and no changes to your computer settings are necessary. The coding is quick, efficient, and painless. I use 100% factory BMW tools to accomplish the coding. You can expect full functionality without any compromise whatsoever. Coding requires absolutely no physical modification to your vehicle, the features are accomplished via software coding only. No changes will result in any error/warning lights, sounds, or messages.

4) Will coding void my warranty or cause any issues at the dealership?

Absolutely not. Being that I use 100% factory tools to perform these feature activations – to the dealer it looks as if your car left the factory floor already

equipped. The dealer can interact with your vehicle as if it were a stock car. All of the features I activate are factory options that did not come enabled. There is absolutely no risk involved, even if the internet connection dropped during the coding, your vehicle would still be 100% safe. I have designed this coding system with multiple scenarios in mind, and after vigorous testing, it has my seal of approval for use around the world.

5) How long will the remote coding take?

The initial set up of the coding machine will take about 10 – 15 minutes. Once I am connected to your vehicle, the remote coding time varies depending on the options that are selected. For few options, the coding will take about twenty minutes. If you have a slew of options, the maximum you should expect the coding to take is roughly 45 minutes. From start to finish you are looking at roughly an hour maximum – not bad!

6) What if I'm not sure about some options?

Feel free to call me or email me for further clarification. If you are unsure about certain options, we can enable them for you to see if you like it. Chances are that you will want it. If not, we can put it back the way it was. All of the coding I perform is 100% reversible and makes no permanent change to your vehicle. I also include a complimentary fault code reading of all of the modules in your car, and let you know any existing issues that it may have.

7) Navigation Retrofits / Combox Retrofits / BMW Connected Retrofits

Navigation system retrofits to the new version are available for 2008 and up vehicles. For those with the 2009 CIC navigation system without Combox, the Combox can be retrofitted to your vehicle. This will add Bluetooth streaming capabilities amongst other features. The Combox retrofit is completely plug and play, and requires no wire cutting and soldering. 6NR connected drive retrofits are available for cars with specific software levels.

8) How do I get the remote coding set up for my vehicle? Email or call me!

Feature Activations (popular options are italicized)

Airbag Related:

- 1) *Turn off seatbelt chime for driver*
- 2) *Turn off seatbelt chime for passenger*
- 3) **RACE SEAT CODING** (Remove MRS errors, enables MRS/SRS functionality)
- 4) Coding for those with roll cage, racing cars with removed airbags, etc..

Navigation Related:

- 1) **Enable DVD in Motion (09 – 12 Cars)**
- 2) *Disable iDrive “accept” message on startup*
- 3) *Turn off iDrive Fasten Belts Warning*
- 4) *Add a fuel stop suggestion option*
- 5) Add DSC Off option to MDrive settings
- 6) Have eight shortcut buttons instead of 6 (makes FM/AM and Mode Buttons user assignable Shortcuts)
- 7) Internet Access (2011 + Cars)
- 8) BMW Live Activation (2011 + Cars)

Car Access Related:

- 1) *Rolling of windows and sunroof up with the key (holding lock)*
- 2) *Folding the mirrors with the key (holding lock)*
- 3) *Automatic Unlock when key is removed / car is turned off (no double pull!)*
- 4) Enabling Panic alarm as well as retrofitting the factory alarm system
- 5) Set the sunroof to automatically close when rain is detected
- 6) Allow opening/closing from the remote on vehicles with a motorized hatch
- 7) Set alarm parameters / beeps / notifications / disarm method
- 8) *Allow the windows to move up and down even with door interruption*
- 9) *Turn off the headlight washing system when you clean your windshield*
- 10) *Allow the wipers to complete their cycle after the car is turned off*

Lighting Related:

- 1) **Factory Angel Eye Brightness Coding! Make it whiter and brighter!**
- 2) **Euro corner delete:**
 - a. *Turn off amber corners when headlights on*
 - b. *Turn off headlight corner LED's when headlights on*
 - c. *Turn on/off LED's when high beams are activated*
 - d. *Enable/Disable LED's and corner lights when parking lights on*
- 3) **Welcome light activations**
 - a. *Set how the welcome lights come on –*
 - b. *Fading or Instant on for Angel eyes, corner lights, fog lights, rear fog lights, rear tail lights, rear brake lights, under handle lights, parking lights, and LED's*
- 4) *Turn off inner/outer, or both daytime running lights on rear taillights*
- 5) *Make the emergency signals double blink when turned on*
- 6) *Make the fog lights cornering lights (for cars equipped with fog lights)*
- 7) *Remove light errors for aftermarket lighting, LED's etc*
 - a. *This will remove the flickering/pulsing as well, and the warnings.*
- 8) *Enable all four front headlights for brights and brights flashing*
- 9) *Enable angel eye Daytime Running Lights for pre 2007 vehicles*
- 10) *Turn on the Xenons with your Trunk Button (10-12 models)*

Cluster Related:

- 1) **Enable BMW Efficient Dynamics Display**
 - a. *This shows you two arrows in the instrument cluster, and tells you to shift up or down and when to execute the shift for maximum fuel economy. My economy has increased drastically from using it.*
- 2) *Turn off the annoying "key in ignition" gong*
- 3) *Add the digital velocity to Non-M cars (V=## mph)*
- 4) *Add instantaneous digital MPG to M cars*
- 5) *Remove the over optimistic correction to the digital speed display*
- 6) *Make the low fuel warning come on earlier or later (useful for M cars)*

NEW: For e9x M3 – Euro MDM mode activation (much better than the US spec)

There are many other custom options available, including coding for vehicles that were retrofitted with new equipment. I can add/remove factory options to your vehicle. I can perform retrofits for LCI (LED Tail lights), alarm systems, Bluetooth, iPod, Heated Seats, CD Changers, Park Distance Control etc..

Full Combox and Navigation system upgrades and retrofits are also available!

Performance Software Calibrations for the E60 M5 and E9x M3 are available:

BMW E9x M3 S85 DME Tuning Software – MSS60 Features/Benefits:

- Raised RPM limit to 8600 (at customers request)
- Removed top speed limiter
- Removed cold start cat heat cycle for smoother cold starts
- Reprogrammed torque management parameters
- Reprogrammed throttle response in both normal and sport modes (aggressiveness per customers taste)
- Reprogrammed ignition timing, and optimization for your fuel quality (91, 93 ,94, 100 octane tunes)
- Reprogrammed Vanos control for maximum drivability
- Sharper throttle response and smoother engine operation
- Software available for US, European, and Canadian specification cars.
- Cat delete for cars that have an SES light due to exhaust modifications (off road use only!)

(Will retain check engine light functionality for any other detected malfunction)

Software versions for cars with specific exhaust modifications available on request. Typical performance increase is +15-20hp and 10-15ft/lbs of torque with software alone.

Note:

- Catless and high flow cat software is for off road use only.
- All software programming is completely reversible.
- All software has been dyno, track, and street tested for maximum reliability and engine longevity.

Contact information:

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A couple videos:

<http://www.youtube.com/watch?v=WEGF2OJuHXI>

(Custom welcome light coding w/ front and rear fogs)

<http://www.youtube.com/watch?v=lk129gHuEJA>

Illustrating DVD in motion enabled on a 2011 X6

http://www.youtube.com/watch?v=09XfvOfs2IA&feature=player_embedded

(Efficient Dynamics Illustration)

Reviews of my coding work (click the links):

[M3 Post Remote Coding Customer - 2012 E92 M3 6MT - Missouri](#)

[M3 Post Remote Coding Customer - 2011 E92 M3 - Colorado](#)

[M3 Post Remote Coding Customer - 2008 E92 M3 - Texas](#)

[M3 Post Remote Coding Customer - 2011 E92 M3 DCT - Connecticut](#)

[M3 Post Remote Coding Customer - 2010 E92 M3 6MT - Florida](#)

[M3 Post Remote Coding Customer - 2011 E90 M3 DCT - Florida](#)

[M3 Post Remote Coding Customer - 2011 E93 M3 DCT - Florida](#)

[M3 Post Local Customer - 2012 E92 M3 DCT](#)

[M3 Post Local Customer - 2012 E92 M3 DCT](#)

[M3 Post Local Customer - 2011 E92 M3](#)

[M3 Post Local Customer - 2008 E92 Tuned 335i](#)

[M3 Post Local Customer - 2011 E92 M3 DCT](#)

[M3 Post Local Customer - 2011 E92 M3 DCT](#)

[M3 Post Local Customer - 2009 E90 M3 DCT](#)

[M3 Post Local Customer - 2009 E92 M3 DCT](#)

[M3 Post Local Customer - 2010 E90 335i](#)

[M3 Post Local Customer - 2011 E90 M3 DCT](#)

[M3 Post Local Customer - 2006 E90 335i](#)

[M3 Post Thread](#)