

# Bars Professional



## BMW CODING AND PROGRAMMING, NEW MODELS

Version: 2V04 Date: Jan, 2013

### 7 Series – E65 / E66

#### NEW CKM

FUNCTIONS	DESCRIPTION
<b>BURGLAR ALARM SYSTEM</b>	
INTERIOR SENSOR	Active / Not active
TILT SENSOR	Active / Not active
ARM VISUALLY	Arming of the DWA system is conformed by a brief blinking of turn signals when active.
ARM VISUALLY DOORS/LIDS CLOSED	Arming of the DWA system is confirmed by a brief blinking of turn signals as soon as hood/trunk are closed, when active
ARM ACOUSTICALLY DOORS/LIDS CLOSED	Arming of the DWA system is confirmed by a brief siren signal as soon as hood/trunk are closed, when active
DISARM VISUALLY	Disarming of the DWA system is conformed by a brief blinking of turn signals when active.
DISARM ACOUSTICALLY	Disarming of the DWA system is conformed by a brief siren signal when active
<b>CENTRAL LOCKING</b>	
UNLOCK^ ON REMOVAL OF RC	Active / Not active
ENTRANCE AID^ TILT DIRECTION	Active / Not active
AUTOMATIC LOCKING, CAR	The vehicle is automatically locked after pulling away. Doors can be unlocked at any time from the inside.
AUTOMATIC LOCKING, KEY 1~4	Doors are automatically locked when speed exceeds 5.0 mph
RELOCK 2 MINUTES AFTER UNLOCKING IF DOORS UNOPENED, KEY 1~4	The vehicle will automatically lock again approx. 2 minutes after a single inadvertent unlocking (when no door or hatch was opened afterwards)

SELECTIVE CENTRAL LOCKING / CONVENIENT ACCESS, CAR	The first time the button on the key is pressed, only the driver's door is unlocked. If it is pressed a second time, the whole car is opened. This function is only effective when the remote control is used.
SELECTIVE CENTRAL LOCKING / CONVENIENT ACCESS, KEY 1~4	First press of the "unlock" button opens driver door only, second press opens remaining doors (if active). When feature not active, first press opens all doors.

DISARMING	RC only / KEY and RC
<b>EXTERIOR LIGHTING</b>	
AUTOMATIC DRIVING LIGHTS CONTROL	NORMAL/SENSITIVE/VERY SENSITIVE
DAY TIME DRIVING LIGHTS (ECE)	Switch on/off the day time running lights.
DAY TIME DRIVING LIGHTS (US)	Switch on/off the day time running lights.
HOME LIGHTSDURATION	If terminal R is "off", the driving lights are switched on for the period of time selected when the headlight flasher is pulled. The following settings are possible: not active, 40s, 90s, 150s and 240s.
ONE TOUCH TURN SIGNAL FLASHES	1/3 times
<b>INTERIOR LIGHTING</b>	
SOFT ON/OFF	Dimmed interior lighting is switched on and off.
<b>WINDOWS AND SUNROOF</b>	
ONE TOUCH OPEN, DRIVER'S WINDOW	Open driver's window in one-touch.
ONE TOUCH CLOSE, DRIVER'S WINDOW	Close driver's window in one-touch.
MIRROR FOLDING, DRIVER'S SIDE	Active / Not active
ONE TOUCH OPEN, PASSENGER'S WINDOW	Open passenger's window in one-touch.
ONE TOUCH CLOSE, PASSENGER'S WINDOW	Close passenger's window in one-touch.
MIRROR FOLDING, PASSENGER'S SIDE	Active / Not active
ONE TOUCH OPEN REAR WINDOW, DRIVER'S SIDE	Open rear window of driver's side in one-touch.
ONE TOUCH CLOSE REAR WINDOW, DRIVER'S SIDE	Close rear window of driver's side in one-touch.
ONE TOUCH OPEN REAR WINDOW, PASSENGER'S SIDE	Open rear window of passenger's side in one-touch.
ONE TOUCH CLOSE REAR WINDOW, PASSENGER'S SIDE	Close rear window of passenger's side in one-touch.

CONVENIENT CLOSING RC	Windows can be closed by pressing the lock button on the key with remote control apply constant pressure to the "Lock" button.
CONVENIENT OPENING RC	Windows can be opened by pressing the unlock button on the key with remote control apply constant pressure to the "Unlock" button.
CONVENIENT OPEN/CLOSE SUNROOF	Sunroof can be opened/closed by pressing the unlock button on the key with remote control apply constant pressure to the "Unlock" button.
<b>HEATING / AIR CONDITIONING / VENTILATION</b>	
KEY MEMORY OF HEAT/AC/VENTILATION	Active / Not active
RECIRCULATED AIR MEMORY	Air recirculation is retained after restarting.
SET FAN POWER	The normal setting provides a direct correlation between blower speed and displayed blower speed wedge in the IHKA control panel.
CORRECTION SET TEMPURATURE	The temperature setting in the display can be corrected by the said amount. When positive correction is selected, actual temperature in the vehicle is higher then the IHKA display indicates. The opposite is true for the "-“ ranges.
A/C ON WITH IGNITION ON, KEY 1~4	The A/C compressor is switched on with the ignition ON, or only when the “snow flake” button is pressed.
AUTO FAN CONTROL ON WITH IGNITION ON, KEY 1~4	Active / Not active
<b>PARK DISTANCE CONTROL</b>	
VOLUME LEVEL	Not active / 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8
<b>SEAT / MIRROR</b>	
SEAT/MIRROR POSITION	Not active / When car is unlocked / when door is opened

**5 Series – E60 / E61****NEW CKM**

<b>FUNCTIONS</b>	<b>DESCRIPTION</b>
<b>BURGLAR ALARM SYSTEM</b>	
INTERIOR SENSOR	Active / Not active
TILT SENSOR	Active / Not active
ARM VISUALLY	Arming of the DWA system is conformed by a brief blinking of turn signals when active.
ARM ACOUSTICALLY	Arming of the DWA system is conformed by a brief siren signal when active
ARM VISUALLY DOORS/LIDS CLOSED	Arming of the DWA system is confirmed by a brief blinking of turn signals as soon as hood/trunk are closed, when active
ARM ACOUSTICALLY DOORS/LIDS CLOSED	Arming of the DWA system is confirmed by a brief siren signal as soon as hood/trunk are closed, when active
DISARM VISUALLY	Disarming of the DWA system is conformed by a brief blinking of turn signals when active.
DISARM ACOUSTICALLY	Disarming of the DWA system is conformed by a brief siren signal when active
<b>CENTRAL LOCKING</b>	
OPEN TAILGAME	Always / If double-unlocked
AUTOMATIC LOCKING, CAR	The vehicle is automatically locked after pulling away. Doors can be unlocked at any time from the inside.
AUTOMATIC LOCKING, KEY 1~4	Doors are automatically locked when speed exceeds 5.0 mph
SELECTIVE CENTRAL LOCKING / CONVENIENT ACCESS, CAR	The first time the button on the key is pressed, only the driver's door is unlocked. If it is pressed a second time, the whole car is opened. This function is only effective when the remote control is used.
SELECTIVE CENTRAL LOCKING / CONVENIENT ACCESS, KEY 1~4	First press of the "unlock" button opens driver door only, second press opens remaining doors (if active). When feature not active, first press opens all doors.
DISARMING	RC only / KEY and RC
<b>EXTERIOR LIGHTING</b>	
AUTOMATIC DRIVING LIGHTS CONTROL	NORMAL/SENSITIVE/VERY SENSITIVE
DAY TIME DRIVING LIGHTS (ECE)	Switch on/off the day time running lights.
DAY TIME DRIVING LIGHTS (US)	Switch on/off the day time running lights.
HOME LIGHTSDURATION	If terminal R is "off", the driving lights are switched on for the period of time selected when the headlight flasher is pulled. The following settings are possible: not active, 40s, 90s, 150s and 240s.
ONE TOUCH TURN SIGNAL FLASHES	1/3 times
<b>INTERIOR LIGHTING</b>	
SOFT ON/OFF	Dimmed interior lighting is switched on and off.
<b>WINDOWS AND SUNROOF</b>	

ONE TOUCH OPEN, DRIVER'S WINDOW	Open driver's window in one-touch.
ONE TOUCH CLOSE, DRIVER'S WINDOW	Close driver's window in one-touch.
MIRROR FOLDING, DRIVER'S SIDE	Active / Not active
ONE TOUCH OPEN, PASSENGER'S WINDOW	Open passenger's window in one-touch.
ONE TOUCH CLOSE, PASSENGER'S WINDOW	Close passenger's window in one-touch.
MIRROR FOLDING, PASSENGER'S SIDE	Active / Not active
ONE TOUCH OPEN REAR WINDOW	Open rear windows in one-touch.
ONE TOUCH CLOSE REAR WINDOW	Close rear windows in one-touch.
CONVENIENT CLOSING RC	Windows can be closed by pressing the lock button on the key with remote control apply constant pressure to the "Lock" button.
CONVENIENT OPENING RC	Windows can be opened by pressing the unlock button on the key with remote control apply constant pressure to the "Unlock" button.
CONVENIENT OPEN/CLOSE SUNROOF	Sunroof can be opened/closed by pressing the unlock button on the key with remote control apply constant pressure to the "Unlock" button.
<b>HEATING / AIR CONDITIONING / VENTILATION</b>	
RECIRCULATED AIR MEMORY	Air recirculation is retained after restarting.
A/C OFF WITH AUTO	Active / Not active
A/C-OFF MEMORY, KEY 1~4	Active / Not active
SET FAN POWER, KEY 1~4	The normal setting provides a direct correlation between blower speed and displayed blower speed wedge in the IHKA control panel.
CORRECTION SET TEMPURATURE, KEY 1~4	The temperature setting in the display can be corrected by the said amount. When positive correction is selected, actual temperature in the vehicle is higher then the IHKA display indicates. The opposite is true for the “-“ ranges.

**E63 / E64**  
**NEW CKM**

<b>FUNCTIONS</b>	<b>DESCRIPTION</b>
<b>BURGLAR ALARM SYSTEM</b>	
INTERIOR SENSOR	Active / Not active
TILT SENSOR	Active / Not active
ARM VISUALLY	Arming of the DWA system is conformed by a brief blinking of turn signals when active.
ARM ACOUSTICALLY	Arming of the DWA system is conformed by a brief siren signal when active
ARM VISUALLY DOORS/LIDS CLOSED	Arming of the DWA system is conformed by a brief blinking of turn signals as soon as hood/trunk are closed, when active
ARM ACOUSTICALLY DOORS/LIDS CLOSED	Arming of the DWA system is confirmed by a brief siren signal as soon as hood/trunk are closed, when active
DISARM VISUALLY	Disarming of the DWA system is conformed by a brief blinking of turn signals when active.
DISARM ACOUSTICALLY	Disarming of the DWA system is conformed by a brief siren signal when active
<b>CENTRAL LOCKING</b>	
OPEN TAILGAME	Always / If double-unlocked
AUTOMATIC LOCKING, CAR	The vehicle is automatically locked after pulling away. Doors can be unlocked at any time from the inside.
AUTOMATIC LOCKING, KEY 1~4	Doors are automatically locked when speed exceeds 5.0 mph
SELECTIVE CENTRAL LOCKING / CONVENIENT ACCESS, CAR	The first time the button on the key is pressed, only the driver's door is unlocked. If it is pressed a second time, the whole car is opened. This function is only effective when the remote control is used.
SELECTIVE CENTRAL LOCKING / CONVENIENT ACCESS, KEY 1~4	First press of the "unlock" button opens driver door only, second press opens remaining doors (if active). When feature not active, first press opens all doors.
DISARMING	RC only / KEY and RC
<b>EXTERIOR LIGHTING</b>	
AUTOMATIC DRIVING LIGHTS CONTROL	NORMAL/SENSITIVE/VERY SENSITIVE
DAY TIME DRIVING LIGHTS (ECE)	Switch on/off the day time running lights.
DAY TIME DRIVING LIGHTS (US)	Switch on/off the day time running lights.
HOME LIGHTSDURATION	If terminal R is "off", the driving lights are switched on for the period of time selected when the headlight flasher is pulled. The following settings are possible: not active, 40s, 90s, 150s and 240s.
ONE TOUCH TURN SIGNAL FLASHES	1/3 times

<b>INTERIOR LIGHTING</b>	
SOFT ON/OFF	Dimmed interior lighting is switched on and off.
<b>WINDOWS AND SUNROOF</b>	
ONE TOUCH OPEN, DRIVER'S WINDOW	Open driver's window in one-touch.
ONE TOUCH CLOSE, DRIVER'S WINDOW	Close driver's window in one-touch.
MIRROR FOLDING, DRIVER'S SIDE	Active / Not active
ONE TOUCH OPEN, PASSENGER'S WINDOW	Open passenger's window in one-touch.
ONE TOUCH CLOSE, PASSENGER'S WINDOW	Close passenger's window in one-touch.
MIRROR FOLDING, PASSENGER'S SIDE	Active / Not active
ONE TOUCH OPEN REAR WINDOW	Open rear windows in one-touch.
ONE TOUCH CLOSE REAR WINDOW	Close rear windows in one-touch.
CONVENIENT CLOSING RC	Windows can be closed by pressing the lock button on the key with remote control apply constant pressure to the "Lock" button.
CONVENIENT OPENING RC	Windows can be opened by pressing the unlock button on the key with remote control apply constant pressure to the "Unlock" button.
CONVENIENT OPEN/CLOSE SUNROOF	Sunroof can be opened/closed by pressing the unlock button on the key with remote control apply constant pressure to the "Unlock" button.
<b>HEATING / AIR CONDITIONING / VENTILATION</b>	
RECIRCULATED AIR MEMORY	Air recirculation is retained after restarting.
A/C OFF WITH AUTO	Active / Not active
A/C-OFF MEMORY, KEY 1~4	Active / Not active
SET FAN POWER, KEY 1~4	The normal setting provides a direct correlation between blower speed and displayed blower speed wedge in the IHKA control panel.
CORRECTION SET TEMPURATURE, KEY 1~4	The temperature setting in the display can be corrected by the said amount. When positive correction is selected, actual temperature in the vehicle is higher then the IHKA display indicates. The opposite is true for the “-“ ranges.



**E81 / E82****NEW CKM**

<b>FUNCTIONS</b>	<b>DESCRIPTION</b>
<b>BURGLAR ALARM SYSTEM</b>	
ARM VISUALLY	Arming of the DWA system is conformed by a brief blinking of turn signals when active.
ARM ACOUSTICALLY	Arming of the DWA system is conformed by a brief siren signal when active
DISARM VISUALLY	Disarming of the DWA system is conformed by a brief blinking of turn signals when active.
DISARM ACOUSTICALLY	Disarming of the DWA system is conformed by a brief siren signal when active
<b>EXTERIOR LIGHTING</b>	
DAY TIME DRIVING LIGHTS (ECE), KEY 1~3	Switch on/off the day time running lights.

**E90 / E91****NEW CKM**

<b>FUNCTIONS</b>	<b>DESCRIPTION</b>
<b>BURGLAR ALARM SYSTEM</b>	
ARM VISUALLY	Arming of the DWA system is conformed by a brief blinking of turn signals when active.
ARM ACOUSTICALLY	Arming of the DWA system is conformed by a brief siren signal when active
DISARM VISUALLY	Disarming of the DWA system is conformed by a brief blinking of turn signals when active.
DISARM ACOUSTICALLY	Disarming of the DWA system is conformed by a brief siren signal when active
<b>EXTERIOR LIGHTING</b>	
DAY TIME DRIVING LIGHTS (ECE), KEY 1~3	Switch on/off the day time running lights.