

Car & Key Memory Settings E38, E39, E46, E52, E53

The “=” symbol denotes the factory default settings (factory delivery condition).  
The symbols: ⑦⑤③⑧✕ denote availability on all Model Year 1999 (and later) of E38's, E39's, E46's, E52's (Z8), and E53's (X5).

The symbols: ⑦⑤ denote availability on E38's and E39's produced prior to 9/98.

| <b>CAR MEMORY OPTIONS</b>   |   |  |           |
|---|---|--|-----------|
| <b>Anti Theft System (DWA)<br/>(available only on vehicles with DWA Alarm System)</b> |   |  |           |
| Interior sensor   | =active<br>not active                             |  | ③⑧        |
| Tilt Alarm Sensor   | =active<br>not active                             |  | ③⑧        |
| Arm/Disarm by means of:   | remote control<br>=locks and remote control (FZV) |  | ⑦⑤③⑧✕, ⑦⑤ |
| Arm/Disarm Acknowledgment   | Disarm visually                                   | Disarming of the DWA system is confirmed by a brief blinking of turn signals when active.  | ⑦⑤③⑧✕, ⑦⑤ |
|   | Disarm audibly                                    | Disarming of the DWA system is confirmed by a brief siren signal when active.  | ⑦⑤③⑧✕, ⑦⑤ |
|   | Arm visually                                      | Arming of the DWA system is confirmed by a brief blinking of turn signals when active.   | ⑦⑤③⑧✕, ⑦⑤ |
|   | Arm audibly                                       | Arming of the DWA system is confirmed by a brief siren signal when active.   | ⑦⑤③⑧✕, ⑦⑤ |
|   | Arm visually, doors/lids closed<br>E46, E52 only  | Arming of the DWA system is confirmed by a brief blinking of turn signals as soon as hood/trunk are closed, when active.   | ③⑧        |
|   | Arm audibly, doors/lids closed<br>E46, E52 only   | Arming of the DWA system is confirmed by a brief siren signal as soon as hood/trunk are closed, when active.   | ③⑧        |
| Acknowledgment without DWA (E46 only)   | active<br>=inactive                               | If “active” is selected, locking/unlocking of a vehicle is confirmed by a brief blinking of turn signals.<br>Note: fault code “07 anti-theft alarm system” will be set in the GM module. | ③         |

⑦⑤③⑧✕: E38, E39, E46, E52, E53 from '99 Model Year; ⑦⑤: E38, E39 prior to 9/98

| <b>Central Locking</b>   |   |   |
|--|---|---|
| Remote Control-interior light  | =active<br>not active<br>The interior lighting is switched on when vehicle is locked via remote control. On E38, E39, E53 vehicles, the second press on the "Locking" button within 15 seconds will deactivate the DWA ultrasonic, and tilt sensors.  | ⑦⑤③⑧✕, ⑦⑤                                 |
| Release rear window from inside (E46 sport wagon)                    | active<br>=inactive<br>When "active" rear tailgate window is operated by the "trunk" release switch in the driver's footwell. If "inactive", the switch operated rear hatch lock.   | ③ sport wagon                             |
| Remote Control-panic mode  | =active<br>not active   | ⑦⑤③⑧✕, ⑦⑤                                 |
| Remote Control-trunk opening (E46, E52 only)                         | when disarmed<br>=always<br>Trunk can be open with corresponding button on the RC key at any time or only when the vehicle is unlocked.   | ③⑧  |
| Relock 2 minutes after unlocking without door opening                | active<br>=not active<br>Vehicle will automatically be relocked two minutes after being inadvertently unlocked once (when doors or trunk were not opened).  | ⑦⑤③⑧✕                                     |
| Automatic locking after start (5 mph)                                | active<br>=not active<br>Function effective with remote control for E38, E39 prior to 9/98 production. On E38, E39, E46, E52, and E53 after '99 production setting, operates after opening the vehicle manually at the lock (to set this function with remote control, see Key Memory/Central Locking).   | ⑦⑤③⑧✕-manual locking<br>⑦⑤-remote locking |
| Selective central locking  | =active<br>not active<br>When active, the first time vehicle is unlocked only the driver's door is unlocked. Function effective with remote control for E38, E39 prior to 9/98 production. <b>On E38, E39, E46, and E53 after '99 production, this function only applies to manual unlocking via the lock</b> (to set this function with remote control, see Key Memory/Central Locking). | ⑦⑤③✕-manual<br>⑦⑤-remote                  |
| Entrance aid/selective central locking (E46 coupe, convertible, E52) | =Selective central locking<br>inactive<br>When active, the first time vehicle is unlocked only the driver's door is unlocked. <b>This function only applies to manual unlocking via the lock</b> (to set this function with remote control, see Key Memory/Central Locking).  | ③③ coupe, convertible                     |

⑦⑤③⑧✕: E38, E39, E46, E52, E53 from '99 Model Year; ⑦⑤: E38, E39 prior to 9/98

| <b>Window Regulators/Sunroof</b>                                      |   |   |
|---|---|---|
| Convenience opening Remote Control                                    | =active<br>not active<br>When active, windows and sunroof (or soft top) can be opened by pressing and holding the “unlock” button on remote key.<br><b>This function is not available (with remote control) on E46 convertible and E52 (Z8) vehicles. Convenient opening feature in these vehicles works only when locks are operated manually (key inserted in door lock).</b><br>NOTE:<br>On E46 convertibles only windows are activated in manual “convenience opening” mode, if the soft top storage box is retracted (“space saving” feature). | 7 5 3 8 X, 7 5  |
| Convenience opening without hinged windows Remote Control (E46 coupe) | active<br>=not active<br>When setting is active, the rear quarter windows are not opened with convenient opening function   | 3 coupe   |
| “One Touch” Driver’s window close (auto up)                           | =active<br>not active<br>(“Single Strike Function close driver’s door window”)  | 7 5 3 8 X, 7 5  |
| “One Touch” Driver’s window open (auto down)                          | =active<br>not active<br>(“Single Strike Function open driver’s door window”)   |   |
| “One Touch” Passenger window close (auto up)                          | =active<br>not active<br>(“Single Strike Function close passenger’s door window”)   | 7 5 3 X, 7 5<br>(excluding:E46 convertible and E52)   |
| “One Touch” Passenger window open (auto down)                         | =active<br>not active<br>(“Single Strike Function open passenger’s door window”)  |   |
| “One Touch” Rear windows close (auto up)                              | =active<br>not active<br>(“Single Strike Function close rear windows”)  | 7 5 3 X, 7 5<br>(excluding:E46 convertible and coupe) |
| “One Touch” Rear windows open (auto down)                             | =active<br>not active<br>(“Single Strike Function open rear windows”)   | 7 5 3 X, 7 5  |
| “One Touch” sunroof close (auto close)                                | =active<br>not active<br>(“Single Strike Function close sunroof”)   | 7 5 3 X, 7 5  |
| “One Touch” sunroof open (auto open)                                  | =active<br>not active<br>(“Single Strike Function open sunroof”)  | 7 5 3 X, 7 5  |
| “One Touch” raise sunroof   | =active<br>not active<br>(“Single Strike Function raise sunroof”)   | 7 3, 7  |
| Open window by touching central switch                                | =active<br>not active   | 3 E46 convertible, 3                                  |

7 5 3 8 X: E38, E39, E46, E52, E53 from '99 Model Year; 7 5: E38, E39 prior to 9/98

| <b>Lighting</b>   |   |   |                |
|---|---|---|----------------|
| Interior Lighting ON during unlock (E46, E52 only)                      | =active<br>not active   | The interior light is turned on when unlocking mechanically (if active).  | ③ ⑧            |
| Interior Lighting ON at KL R off, if headlights were on (E46, E52 only) | =active<br>not active   | The interior light automatically turns on when ignition is switched off after driving with headlights on (if active).   | ③ ⑧            |
| Interior Lighting Soft On/Off   | =active<br>not active   | The interior light is dimmed when turned on/off (if active).  | ⑦ ⑤ ③ ⑧ ✕, ⑦ ⑤ |
| External Lights Daytime driving lights                                  | active<br>=not active   | Daytime driving lights are turned on when the ignition switch is turned on  | ⑦ ⑤ ③ ⑧ ✕, ⑦ ⑤ |
| External Lights Pathway Lighting ("home" lights)                        | =not active<br>40 seconds<br>90 seconds<br>150 seconds<br>240 seconds | When the ignition is turned off, and high beams switch is activated momentarily (high beams "flash"), the driving lights are turned on for 40 seconds (if active). The time duration is programmable for 40/90/150/240 seconds on E38, E39 and E53 only | ⑦ ⑤ ③ ⑧ ✕      |

| <b>Heating/Air Conditioning/Ventilation</b> |                        |  |              |
|---|------------------------|--|--------------|
| Key Selective                               | =active<br>not active  | The IHKA temperature and air distribution key-specific settings will be recalled when set to "active".   | ⑤ ✕          |
| <b>Flaps</b>                                |                        |  |              |
| Air recirculation memory                    | active<br>=not active" | Air recirculation is retained after restarting. This function is not key dependent.  | ⑦ ⑤ ③ ✕, ⑦ ⑤ |
| Cooling output                              | normal<br>=hot country | IHKA programming enhanced to produce more cooling output when selected to "hot country". (Footwell and defrost vents closed to allow more center vent air for maximum cold air.) | ⑦ ⑤ ③        |

| <b>Windscreen Wipers</b>    |                       |  |                |
|-----------------------------|-----------------------|--|----------------|
| Switch back when stationery | =active<br>not active | Wipers are switched from speed 1 to intermittent, or from speed 2 to speed 1 when the vehicle is stationary (if active). | ⑦ ⑤ ③ ⑧ ✕, ⑦ ⑤ |
| Rain Sensor                 | =active<br>not active | The rain sensor can be deactivated on E46 vehicles only  | ③              |

⑦ ⑤ ③ ⑧ ✕: E38, E39, E46, E52, E53 from '99 Model Year; ⑦ ⑤: E38, E39 prior to 9/98

| <b>Seat/Mirror Memory</b>  |  |  |              |
|--|--|--|--------------|
| Seat Settings<br><br>(Mirror memory is available on E46 vehicles since 09/99 production) | when unlocking when opening a door =not active | The automatic seat adjustment is activated by the specific key being used if the vehicle is equipped with seat memory. Setting in Car Memory defines when the actual adjustment starts: when pressing unlock button on remote, or when opening the door.   | ⑦⑤③×         |
| Mirror memory, automatic curb parking function (only E46 since 09/99 production)         | active =inactive                               | The position for the passenger-side exterior mirror for the automatic parking function can be stored for each key individually. If “active” is selected and the mirror adjustment switch is set to “passenger-side”, the passenger-side mirror will be automatically moved to the pre-selected position when in reverse gear. To store the “pre-set” position, adjust manually passenger-side mirror while reverse gear is engaged. If “active is selected and the mirror switch is set to “driver’s-side”, the automatic parking function is deactivated. If “inactive” is selected and the mirror adjustment switch is set to “drive’s-side”, the passenger-side mirror is automatically moved to the lowest possible position when in reverse gear. Selecting the “passenger-side mirror” with the adjustment switch, deactivates the automatic parking function. | ③ from 09/99 |

⑦⑤③③×: E38, E39, E46, E52, E53 from '99 Model Year; ⑦⑤: E38, E39 prior to 9/98

| <b>Displays/Language</b>   |   |   |                             |
|--|---|---|-----------------------------|
| Units  | Consumption   | l/100 km<br>mpg(UK)<br>=mpg(US)<br>km/l   | 7 5 3 X, 7 5<br>without NAV |
|  | Distance  | km<br>=mls<br>These selections will change unit's display in Instrument Cluster, Board Computer, or A/C Control Module (temperature).   | 7 5 3 X, 7 5<br>without NAV |
|  | Time  | =12h<br>24h   | 7 5 3 X, 7 5<br>without NAV |
|  | Temperature   | degrees C<br>=degrees F   | 7 5 3 X, 7 5<br>without NAV |
| <b>NOTE:</b> Language change is carried out in Conversion section of ZCS Coding under IKE/Kombi. On vehicles with Top Nav System, two selections (out of five choices) can be done. Then customer can chose one of the two from Board Monitor through "Set" submenu. |   |   |                             |
| Language Text Display  | =English (US,UK,Cdn)<br>French<br>Italian<br>Spanish<br>German<br>Japanese<br>Gulf States | Text can be displayed in the different languages: The clock must be reset after setting this function.  | 7 5 X, 7 5<br>without NAV   |
| Basic settings<br>Temporary ice warning (E46 only)   | =active<br>not active   | When function is "active", and if ambient temperature drops below 37°F, the acoustic ice warning sounds and the ambient temperature display flashes for a few seconds. Then the display returns to the previous status. When function is "not active", and if ambient temperature drops below 37°F, the acoustic ice warning sounds and the ambient temperature is permanently displayed. | 3                           |

| <b>Audio/Video</b>                   |                       |  |     |
|--------------------------------------|-----------------------|--|-----|
| New Generation Radio - Key selective | =active<br>not active | The Key Memory can be activated/deactivated for the radio settings in Car Memory. If selected "active": tone, volume, last audio source (radio, cassette, CD), and the last radio station tuned will be recalled according to the vehicle key which is being used.<br>NOTE:<br>The NG radios (C53 -cassette MID, and CD53 in-dash CD) were introduced 09/00 in E39, and 10/00 in E53 vehicles. | 5 X |

7 5 3 3 X: E38, E39, E46, E52, E53 from '99 Model Year; 7 5: E38, E39 prior to 9/98

**KEY MEMORY OPTIONS**

| <b>Central Locking*</b>                |  |   |                            |
|--|--|---|----------------------------|
| Automatic door locking after driving*  | active<br>=not active                  | Doors are automatically locked when speed exceeds 5.0 mph (if active)   | ⑦ ⑤ ③ sedan, ✕,<br>⑦ ⑤     |
| Selective central locking              | =active<br>not active                  | 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.    | ⑦ ⑤ ③ sedan, ✕,<br>⑦ ⑤     |
| Entrance aid/selective central locking | =selective central locking<br>inactive | First press of the “unlock” button opens driver door only, second press opens remaining doors (if active). When feature is “inactive”, first press opens all doors. | ③, ③ convertible,<br>coupe |
| Unlock, remote (E46 sport-wagon only)  | =rear window<br>rear lid               | Open the tailgate or rear window by pressing the button on the remote control key.  | ③ sport-wagon              |

\* Remote key must be used to lock, then unlocked the vehicle after programming to set this option.

| <b>Heating/Air Conditioning/Ventilation</b> |  |   |   |
|---|--|---|---|
| <b>Blower</b>                               |  |   |   |
| Set fan power                               | raise<br>=normal<br>lower  | The normal setting provides a direct correlation between blower speed and displayed blower speed wedge in the IHKA control panel. “Raise” increases, “lower” reduces the speed. Speed changes are not indicated on the IHKA display.    | ③ |
| <b>Flaps</b>                                |  |   |   |
| Open ventilation in warm-up stage           | =yes<br>no   | Vents open during engine warm-up (if active)  | ③ |
| Flaps after KL 15 on                        | yes<br>=no   | Default “manual” control of the vents will be activated by switching the ignition on  | ③ |
| Correction Set Temperature                  | +3 degrees<br>+2 degrees<br>+1 degree<br>= not active<br>-1 degree<br>-2 degrees<br>-3 degrees | 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. | ③ |
| Air Conditioning ON at:                     | ignition ON<br>=with A/C button  | The A/C compressor is switched on with the ignition ON, or only when the “snow flake” button is pressed.  | ③ |
| Automatic blower function                   | active<br>=not active  | The fan blower speed is initially operated in the AUTO mode when the ignition is switched on (if active).   | ③ |

⑦ ⑤ ③ ③ ✕: E38, E39, E46, E52, E53 from '99 Model Year; ⑦ ⑤: E38, E39 prior to 9/98