

BMW 5 Series MOD. 2004 (E60)

LOCATION OF THE CAR ALARM CONTROL UNIT

Compact control units and sirens: place under the bonnet on the wheel hub on the driver's side.

Modular control units and accessories: place under the dashboard.

CAR ALARM SUPPLY

Positive: Connect to the **Red/Green** wire (**pos. n° 34**) in the Black 41-pin connector on the CAS control unit to the left of the steering column.

Negative: Connect directly to the negative battery terminal.

IMMOBILISER

Starter motor: cut the **Black** wire (**pos. n°22**) in the in the Black 41-pin connector on the CAS control unit to the left of the steering column.

Fuel pump: cut the **Purple/Black** wire (**pos. n° 20**) in the control unit for engine management underneath the glove compartment on the passenger's side.

Tdi Version: cut the **Red/White** wire located under the rear seat on the passenger's side.

SPEEDOMETER

Connect to the **Brown/Red** wire (**pos. n° 31**) in the Black 41-pin connector on the CAS control unit to the left of the steering column.

POSITIVE IGNITION KEY (+15)

Connect to the **Green/White** wire (pos. n° 7) in the Black 41-pin connector on the CAS control unit to the left of the steering column.

CENTRAL DOOR LOCKING (Connection with radio frequency remote controlled alarm)

It is not possible to control the central locking as the system works with a CAN network.

ARMING OF PASSIVE TYPE ALARM (Connection with alarm armed by vehicle's original remote control)

Follow method of connection at the bottom of the page

DIRECTION INDICATORS

Connect to the Dark Blue/Brown wire (pos. n° 4 rear left), Dark Blue/Yellow wire (pos. n° 22 side left), Dark Blue/Green wire (pos. n° 68 front left), Dark Blue/Brown wire (pos. n° 61 rear right), Purple/Black wire (pos. N° 39 side right), Dark Blue/brown wire (pos. n° 24 front right) in the white 76-pin connector on the control unit for the lights module underneath the dashboard on the driver's side behind the CAS control unit.

Separate the individual lines with diodes.

For the E255 alarm: modify the setting of function 18 for direct power control of the lights "sel. A"(see "Customising operating modes" in the installer's product manual).

DOORS PROTECTION

Connect to the **Red/Black** wire in the connector for the courtesy light for the pedals on the driver's side.

Positive type control. Invert polarity using a relay or the M166 module.

When the E255 alarm is fitted, the boot and door switches are normally read by the CAN LINE.

BONNET/BOOT PROTECTION

Bonnet: Fit the switch provided with the product.

Boot: Connect to the **Brown/White** wire directly to the courtesy light in the boot

When the E255 alarm is fitted, the boot and door switches are normally read by the CAN LINE.

ELECTRIC WINDOWS

The windows can only be lifted by the comfort function using the original remote control.

The above-mentioned information is given as an indication only and is in no way binding.

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METHOD OF INSTALLATION FOR E 255, rel.04 and above

Function	Colour of E255 wire	Colour of Vehicle Wire	Position on Vehicle	
CAN H Line	Black/Red	Black	Pos. 14	White 76-pin connector on the control unit for the lights module underneath the dashboard on the driver's side behind the CAS control unit.
CAN L Line	Black/Purple	Yellow	Pos. 32	

ATTENTION: Make sure the ignition key has been taken out of the ignition before connecting up the alarm control unit's connector.

After completing installation, set the alarm control unit for reading the vehicle's original CAN-BUS.

This setting is made by turning the vehicle's ignition key to the "KEY ON" position and keeping it there for 20 seconds.

After 20 seconds, turn the ignition key back to the "KEY OFF" position and complete the final check.

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