

Available without previous inputs:

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The following systems are controlled by the on-board computer:

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The on-board computer can be operated from ignition key position 1 onwards.

For reasons of driving safety, always input data to the computer before starting your journey or when the car is at a standstill. The computer calculates and memorizes data from the start of the journey onwards. Information can also be displayed by operating a remote control; see Page 72.

On-board computer*

The on-board computer can be used to call up and display information which contributes towards safe, economical driving.

System malfunctions are shown in clear text via the Check control. There is also a general warning light on the instrument panel.

See Pages 62 and 63 for further details and notes on operation.

The digital clock can be used to

- display time and date
- program a reminder signal (Memo) every hour, for instance so that radio news bulletins are not missed.

See Pages 64 and 65 for further details and notes on operation of the digital clock.

- 1 Display
- 2 Time of arrival
- 3 Numerical input keys
- 4 Information keys
- 5 Light emitting diodes (LED)
- 6 Display unit changeover key
- 7 SET/RES key (start/stop)

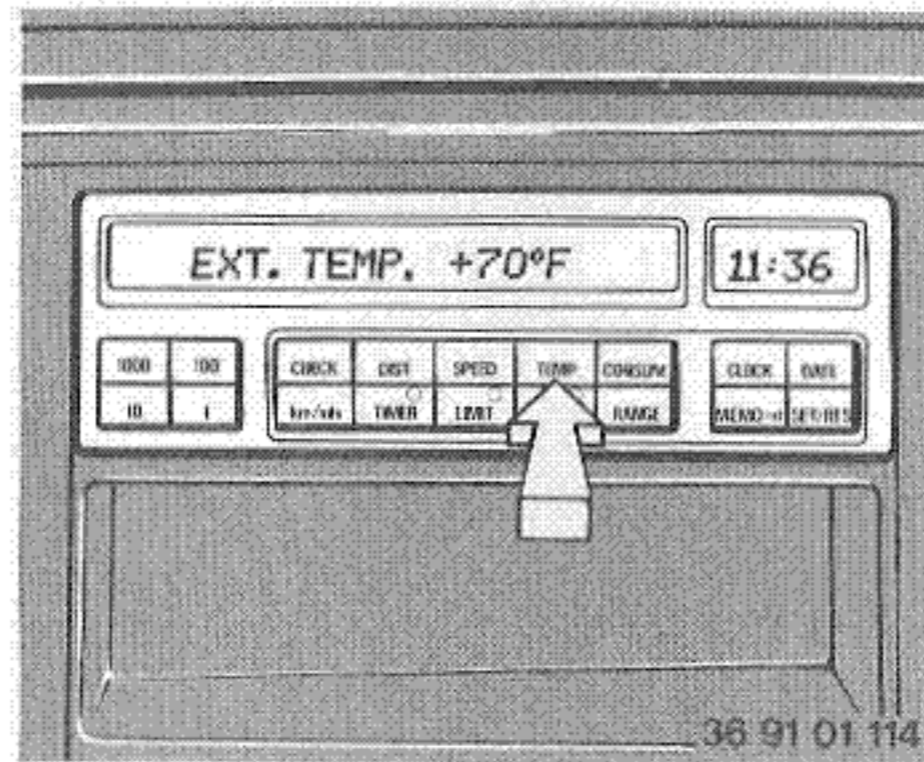
The display unit changeover key (6) enables information to be displayed either in metric or Imperial units of measurement.

Note:

Check Control warnings displace the computer displays.

Apart from priority 1 messages, you can clear displays by pressing the CHECK button.

If the "PPPP" fault display appears, consult a BMW service station.



Outside temperature

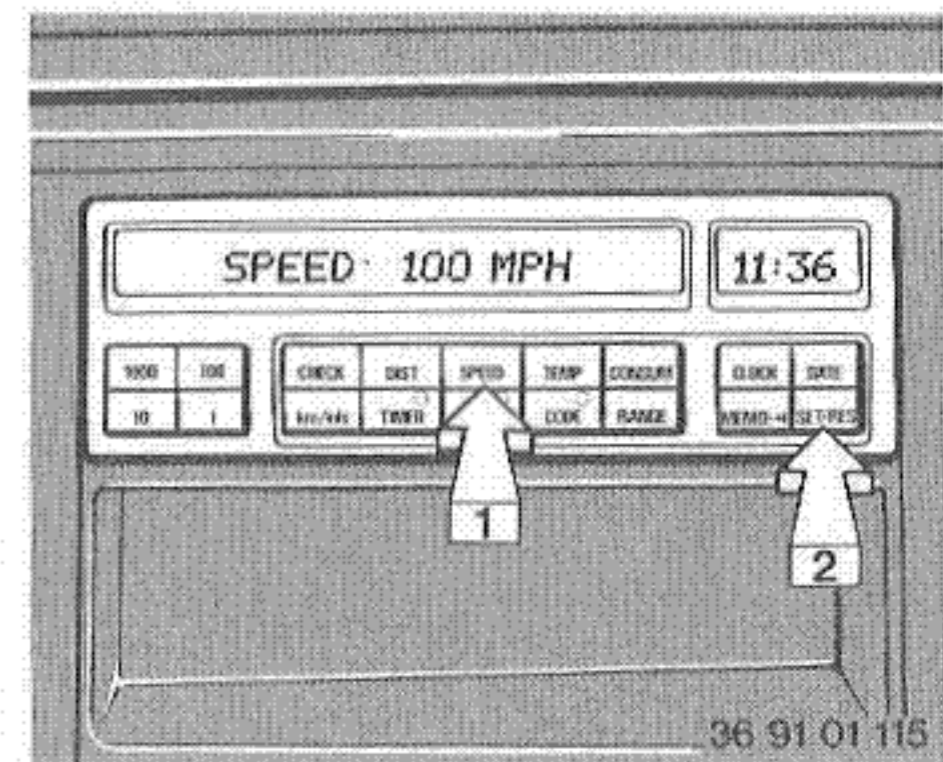
To display: Press the TEMP button.

If the outside temperature falls below +3° C, a gong signal is heard as a warning, the temperature is displayed automatically and flashes for 8 seconds.

The warning is repeated if the temperature rises to at least +6° C and then drops again to +3° C.

Important:

Whether or not a temperature warning is given, remember that ice can still form on the road at above +3° C in certain circumstances, for instance on bridges and in shadow.



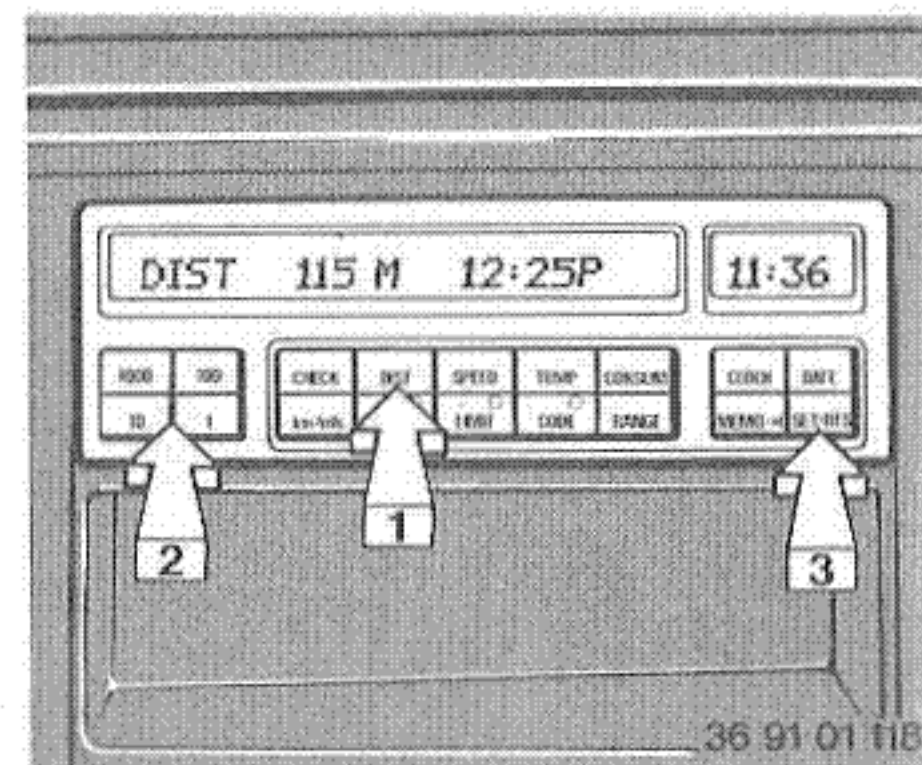
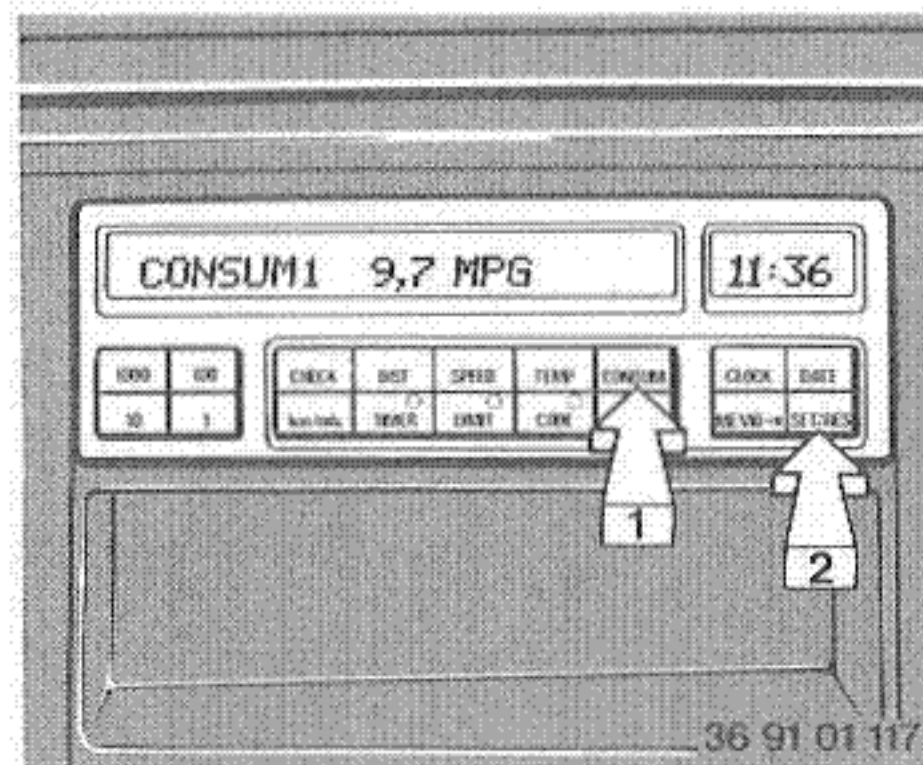
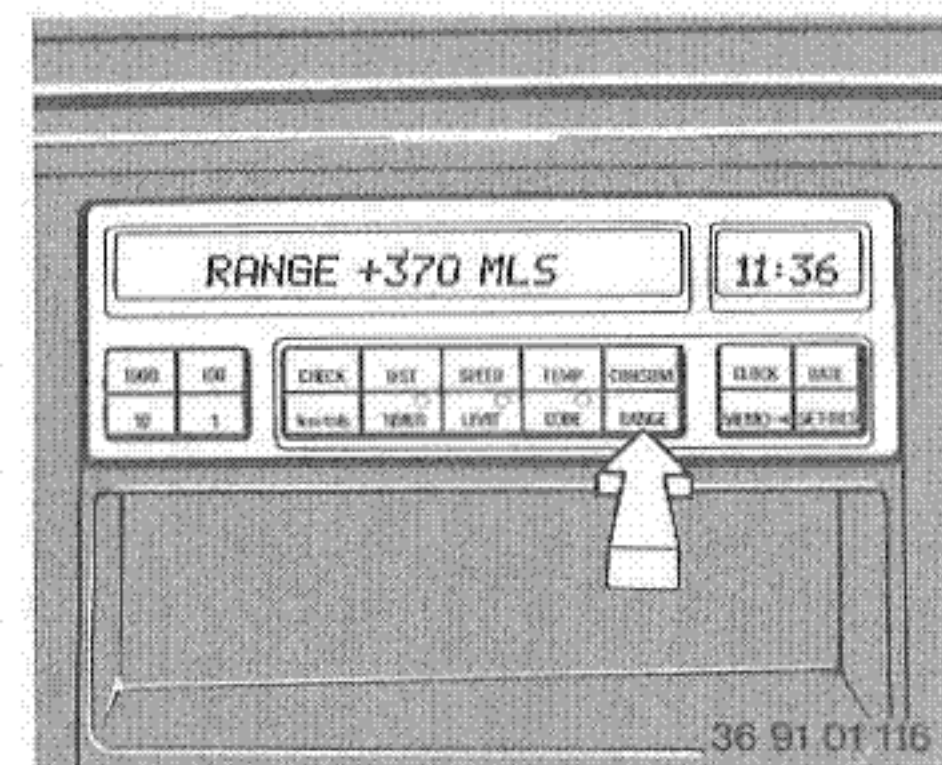
Average speed

To start computing:

Press the buttons in the order illustrated.

To call up: press SPEED key.





Probable range

This display indicates how far the car can probably be driven on the fuel remaining in the tank. The value takes into account the way in which the car has so far been driven.

To display: Press the RANGE button.

A plus sign (+) in front of the displayed value means that it is still undergoing a correction process (measuring tolerance).

If three display segments flash, the range is below 15 km and the car should be refuelled as soon as possible.

The on-board computer registers fuel added to the tank only

- if the quantity of fuel exceeds 4 litres and
- when the engine has been stopped.

Average fuel consumption

Average fuel consumption can be computed for two distances in parallel, for instance a complete journey and one section of the journey.

To start computing for distance 1:

Press the buttons in the order illustrated.

To start computing for distance 2:

Press the buttons again in the order illustrated.

To display: Press the CONSUM button.

Each time this button is pressed, the display alternates between the average consumptions for distances 1 and 2. There is also an indication of whether distance 1 or 2 is being displayed.

Distance from destination

Shows how far the car is from the destination, provided the total distance was input before the journey started.

Distance input:

Press the keys in the order illustrated.

To display: Press the DIST button.

The probable time of arrival, which is re-computed continually as driving conditions change, is also displayed.

If the car has completed the full distance input at the start of the journey, the distance value is preceded by a minus sign.

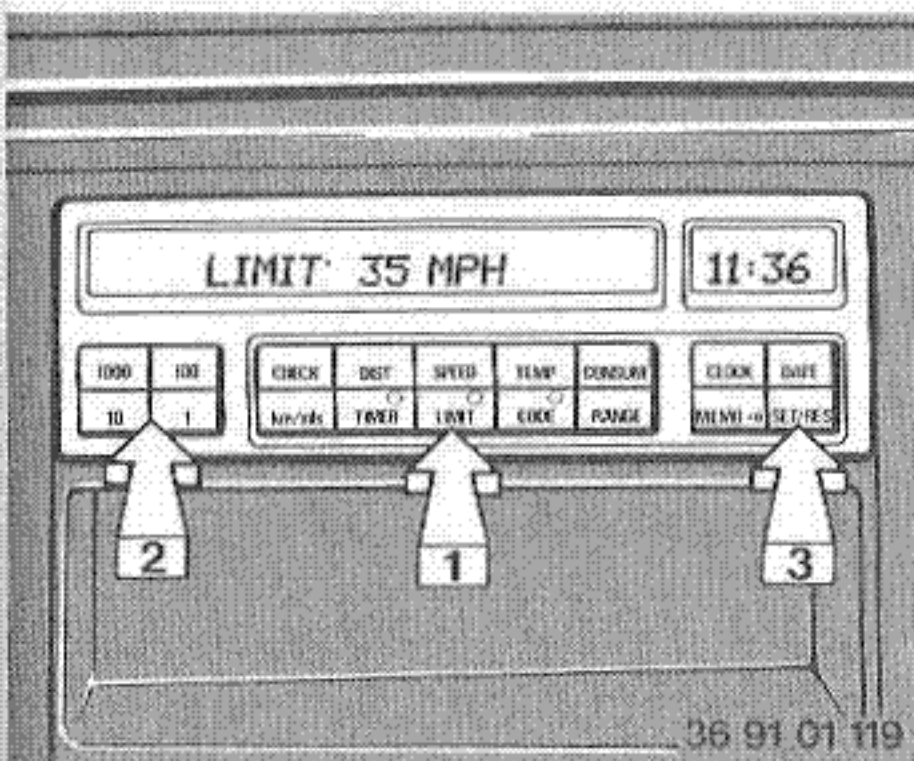
Display units changeover:

Press km/mls changeover key once

- to alter the distance display

or twice

- to alter the arrival time display also.



Speed limit (LIMIT)

If you exceed a speed limit which you have previously input (for instance in order not to infringe legal road speed limits), you will hear a warning gong. The corresponding LED flashes and the display shows the stored limit briefly.

The warning is repeated if the speed limit is again exceeded after the car's speed has in the meantime dropped by at least 5 km/h.

Speed limit input:

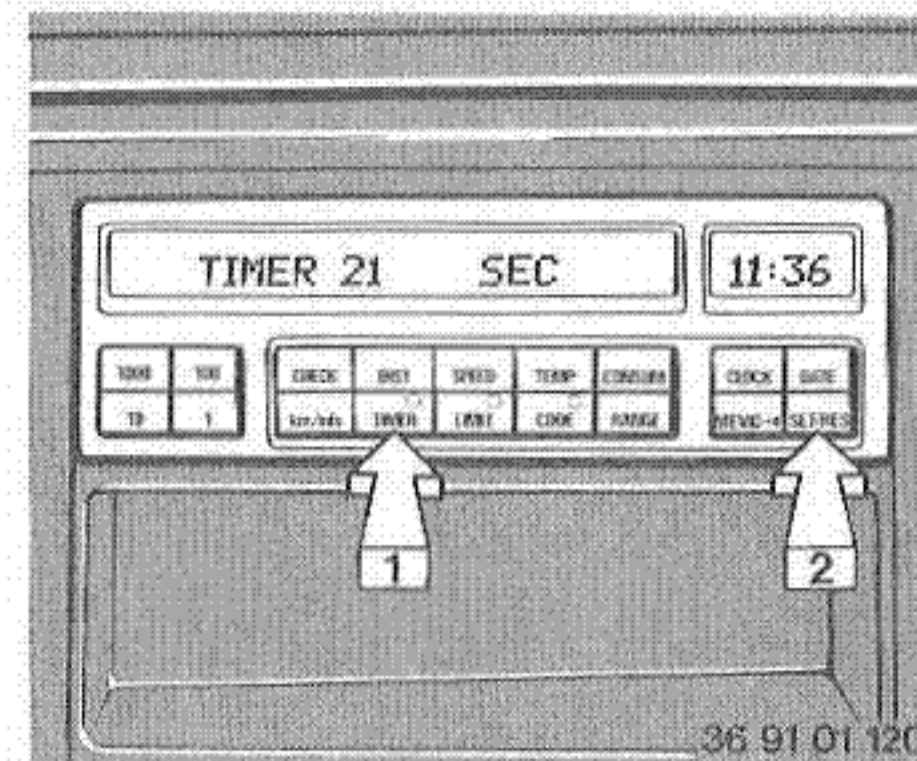
Press the keys in the order illustrated. The LED will come on.

Cancelling the speed limit input:

– Press the LIMIT button again.
The LED goes out, but the stored value is retained and can be re-activated with the LIMIT button.

Adopting the car's actual speed as the limit value:

– Press the LIMIT and SET/RES buttons.



Stopwatch*

The stopwatch function is only available on cars without independent ventilation control. It runs for 99 hours, 59 minutes. The time appears in the display: at first in seconds and tenths of a second, after one minute in minutes and seconds, and after one hour in hours and minutes.

Start:

Press the keys as illustrated. The LED comes on and the cumulative time is shown in the display.

Stop:

With the time displayed
– Press SET/RES.

If any other information is displayed:

– Press keys in the order illustrated.

Obtaining intermediate time value:

– Press TIMER.

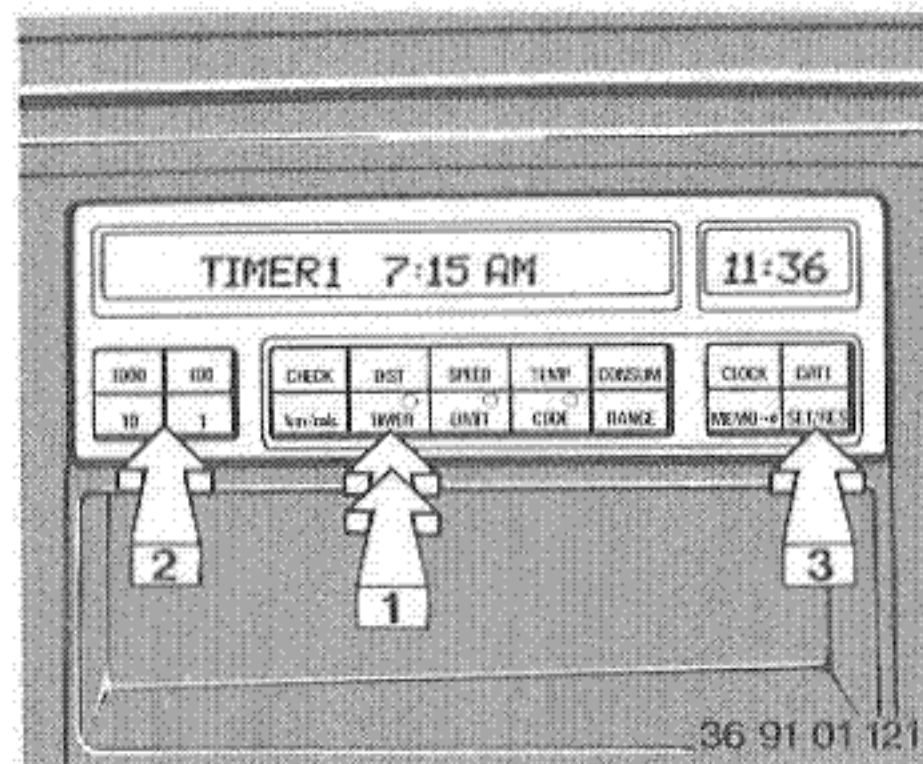
The LED flashes and the intermediate time is displayed. The stopwatch continues to run.

Obtaining main stopwatch time display again:

– Press TIMER again.

Note:

The stopwatch ceases to run in ignition key position 0, but runs again in ignition key position 1.



Independent ventilation control*

Input of switching times

You can preselect two switch-on times for the independent ventilation control. The ventilation is switched off automatically after 30 minutes.

For important information on operating the independent ventilation control, see Page 49.

When the TIMER button is pressed, the display shows the current operating condition of the independent ventilation control.

Input of first switch-on time:

Input is possible only if the digital clock is running and the ignition key is in position 1.

Press the keys in the order illustrated (press TIMER twice).

Input of second switch-on time:

Press the keys again as illustrated.

Correcting the time input:

Press the keys in the order illustrated, including the different time input.

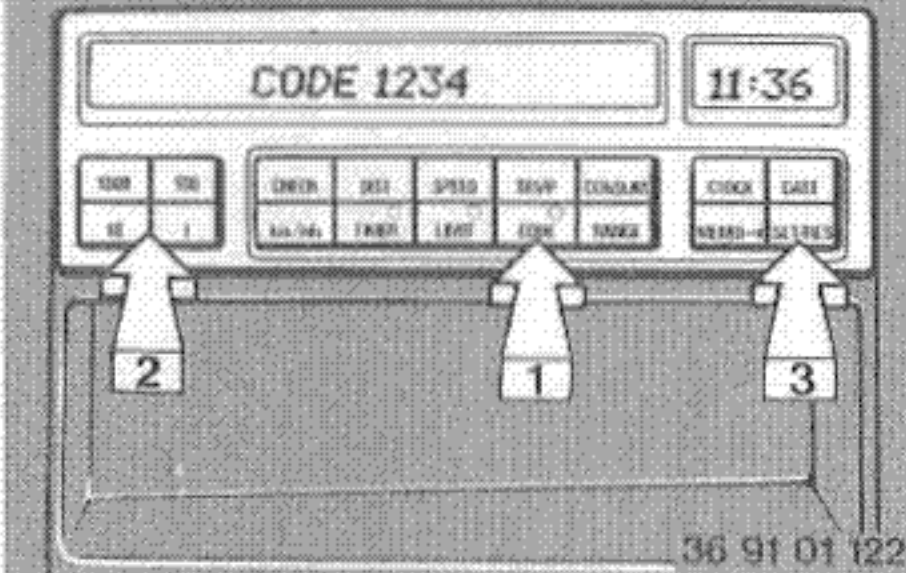
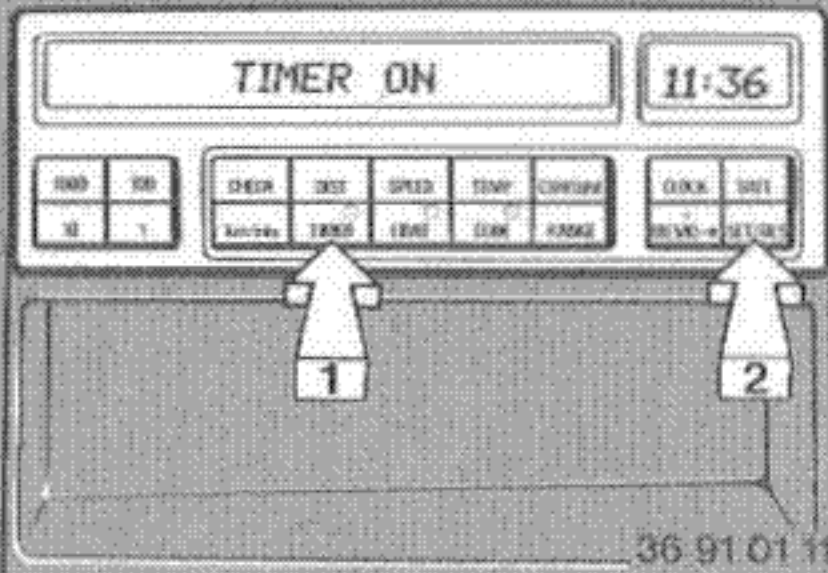
After the input, the display shows * and the LED comes on as a sign that a switch-on time has been preselected.

The LED flashes while the heating or ventilation is actually in operation, and goes out when they are switched off.

To check a previous switch-on time input (LED is on):

– Press TIMER twice for the first time input.

– Press TIMER three times for the second time input.



Direct switch-on

This is only possible in ignition key position 1.
Press the keys in the order illustrated.

Direct switch-off

In ignition key position 1, press the keys in the order illustrated.
In ignition key position 0, press SET/RES only.

Immobilizing device

The engine compartment lid, radio and any attempts to start the engine are monitored. The device is activated with a code number. Starting the engine, removing the radio or opening the engine compartment are then impossible unless the code number is input correctly. For this reason: **always remember the code number!**

Activating in ignition key position 1:
Press keys in the order illustrated, then turn ignition key to position 0 and remove. Any code number from 0000 to 9999 can be input. (The same or a different code number must be input each time the device is activated.)

In ignition key position 0 or with the key removed, the LED will remain on for up to 36 hours. If the LED flashes for about 10 seconds, the engine compartment is not properly closed (or the radio has been removed).

De-activating in ignition key positions 1 or 2:

- The gong signal and the "CODE" display call for the driver to input the code number he has chosen.
- Input the code number at the numerical input keys.
 - Start the engine or press the SET/RES key.

If attempts are made to start the engine without a code input, the gong will sound and the engine will not start.

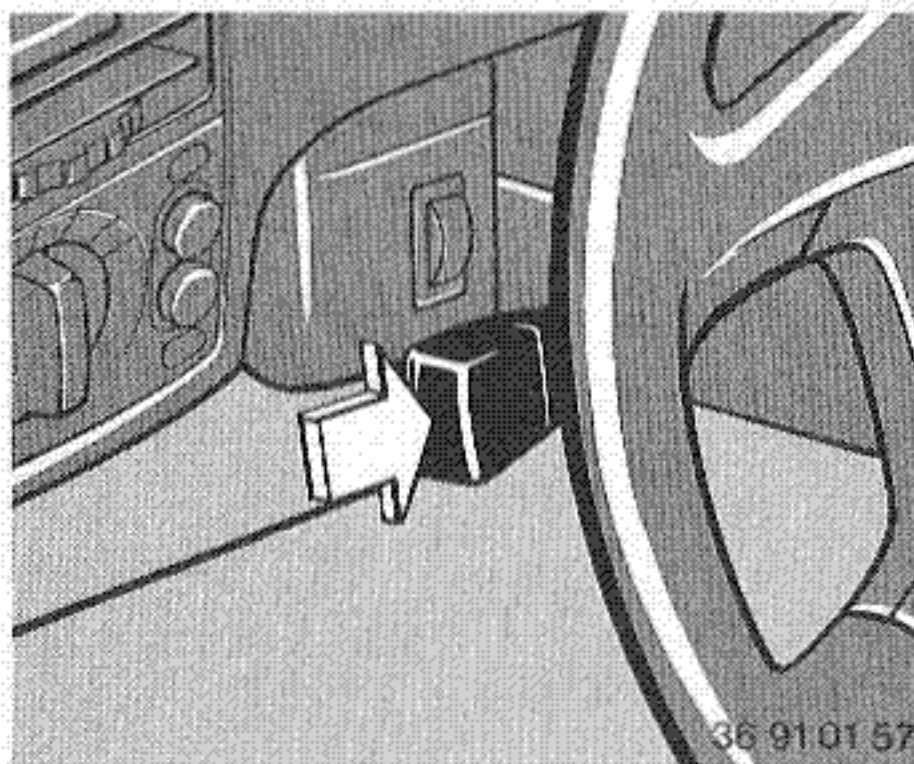


The alarm will sound for 30 seconds after three incorrect code inputs or three attempts to start the engine without a code input.

If the code number has been forgotten, proceed as follows:

- Disconnect the battery, then reconnect it after app. 2 minutes.
- Turn the ignition key to position 1.
- The alarm will sound and a time display will appear and run down for 15 minutes.
- After 15 minutes, the engine can be started.

If the code number is remembered during this 15-minute period, it can be input at the keys in the order illustrated.



Remote control

The flashing turn indicator lever can also be used to call up a selection of pre-programmed information via the on-board computer on the display.

Input:

- Press the turn indicator lever in until the display shows "PROG 1".
- Press the computer information buttons in the desired order.
The number of functions programmed is displayed after each input.
- Press the SET/RES button.

If you wish all the information to be accessible:

- Press the turn indicator lever until "PROG 1" appears in the display
- Press SET/RES.

Note the following in connection with average fuel consumptions 1 and 2 and switch-on times 1 and 2 for the independent ventilation control: to obtain only CONSUM 2, for example, but not CONSUM 1, press the CONSUM button and then the km/mis changeover button.

(Each time the changeover button is pressed, the display will alternate between average fuel consumptions 1 and 2.)

Adopt the same procedure for independent heater/ventilation control switch-on times 1 and 2 if required.

To display:

Press the turn indicator lever in briefly.