

CONTROLS AND EQUIPMENT

Radio frequency display

If the radio is switched on and no second priority faults are present, the OK symbol will go out and the display will show the frequency selected and various other information. This feature depends on the type of radio fitted.

These displays are in addition to the radio display – see separate operating instructions for radio.

Auto-Check system

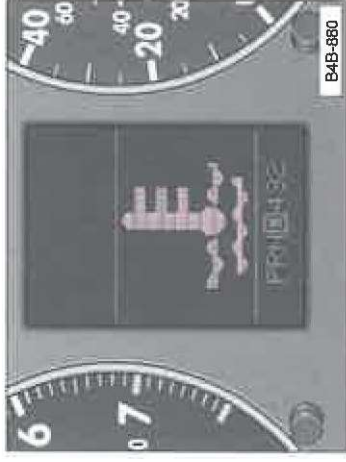
In addition to the warning lights the Auto-Check System consistently monitors certain individual functions and components of the vehicle as soon as the ignition is turned on and when the vehicle is moving.

Malfunctions or urgent repairs are audibly signaled as well as displayed by red (priority 1) or yellow (priority 2) light symbols in the instrument cluster.

You are thus reminded that a problem exists which should be corrected for your convenience and safety, and to prevent the risk of considerable damage to your vehicle due to certain malfunctions.

The Auto-Check System incorporates a **speed warning feature** and is also used to display certain **radio information**.

The following malfunctions or warnings can be displayed:



Red Symbols (priority 1)

Engine coolant level is too low/
Engine temperature is too high
(moving symbol).



Engine oil pressure is too low
(moving symbol).



CONTROLS AND EQUIPMENT

When the red blinking symbols appear, **three** warning tones will sound at the same time. These symbols represent **Danger**.

 **Do not continue to operate the vehicle. The problem must be located and corrected immediately.**

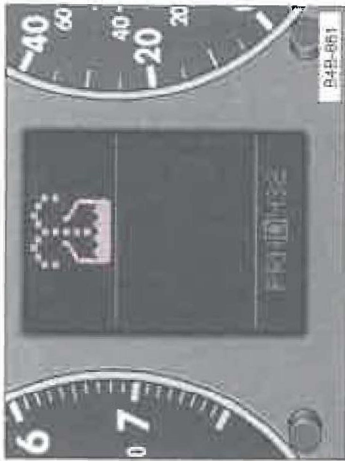
Pull off the road to a safe area, well away from traffic, stop the engine and operate the emergency flasher. Use other warning devices to alert motorists. Contact your authorized Audi Dealer or a qualified workshop.

In the event of multiple malfunctions, the symbols will blink successively in two-second intervals. The symbols will continue to blink until the malfunction is corrected.






Note


If a malfunction is detected while you are using the Navigation System, the Navigation System display will be switched off for a few seconds and the Priority 1 Warning symbol will appear. After that, the symbol will change into the Priority 2 display, and the Navigation System will be visible once again.


As long there is a Priority 1 malfunction present, Priority 2 malfunctions will not be displayed.



Yellow Symbols (priority 2)

-  Brake light is defective
-  Headlight and/or tail light is defective
-  Brake pads worn
-  Windshield wiper fluid reservoir level is too low (moving symbol)
-  Fuel level is low


Battery voltage is too low/too high 

Check engine oil level 

Engine oil sensor defective 

Speed warning (USA Models) 

Speed warning (Canada Models) 

Dynamic headlight dimmer control not functioning 

When the yellow symbols appear, only **one** warning tone will sound at the same time. These symbols represent a **Warning**. Have the malfunction displayed corrected as soon as possible. In the event of multiple malfunctions, the symbols will appear successively in two-second intervals.

CONTROLS AND EQUIPMENT



Calling up driver information

When a first priority symbol is flashed up, the accompanying driver information can be called up in the display for assistance.

For example: "SWITCH OFF ENGINE; CHECK OIL LEVEL".

Press the test button to call up this display. The information disappears about 5 seconds after the button is released again.



Test button

The test button can be used to perform the following functions:

Checking the display

With the car stationary and with the ignition on, you can check the symbols one after the other by briefly pushing on the knob. The engine can either be running or not. Performing this brief check assures you that the display is functioning properly. When driving, you cannot check the function.

Operation

After switching on the ignition in selector lever position P or N, the driver instruction "WHEN STATIONARY APPLY FOOT-BRAKE WHILE SELECTING GEAR" will appear.

When a gear ("R", "D", etc.) is selected, the driver instruction disappears and a functional check is carried out automatically as a result of operating the brake pedal.

If the functions monitored by the auto-check system are working properly, the letters "OK" will light up for a few seconds.

If there are one or more faults, the driver information disappears about 15 seconds after the engine has been started and the appropriate fault symbol appears in the display.

If neither "OK" nor any other fault symbol appear in the display, the auto-check system must itself be checked.

Displays

In case of a malfunction or component failure, the acoustic warning will sound and the following symbols can appear.

Brake light

USA models:

**BRAKE
LIGHT**



Canada models:

The following electrical components should be checked, repaired or replaced, as necessary:

- Brake light bulbs
- Fuses
- All wiring connections

**Engine coolant
temperature / level**



If the light flashes, either the coolant temperature is too high, or the coolant level is too low.



If the light starts to flash, move the vehicle a safe distance off the road, stop the engine, depress the emergency flasher switch, turn off the engine and let it cool down.

Check coolant level. Top up as necessary (see "Cooling system", page 238).



Always heed all WARNINGS on page 232.

WARNING

- The engine compartment of any motor vehicle is a potentially hazardous area. Before you check anything in the engine compartment, stop the engine and let it cool down. Always exercise extreme caution when working under the engine hood. Heed all of the WARNINGS on page 232.
- To reduce the risk of being burned, never open the hood if you see or hear steam or coolant escaping from the engine compartment. Wait until no steam or coolant can be seen or heard before carefully opening the hood.
- Never touch the radiator fan. The auxiliary fan is temperature controlled and can switch on suddenly.

WARNING continued

- Reduce the risk of scalding from hot coolant by following these steps:
 - If the coolant reservoir cap must be removed, wait until the engine has cooled down.
 - Protect face, hands, and arms from escaping fluid and steam by covering the cap with a large, thick rag.
 - Turn the cap slowly and very carefully in a counter-clockwise direction while applying light, downward pressure on the top of the cap.
 - To help avoid being burned, do not spill antifreeze or coolant on the exhaust system or hot engine parts. Under some conditions, the ethylene glycol in engine coolant can catch fire.

- If a visual check shows the coolant level and the V-belt normal, and the warning light still does **not** go out, **do not continue driving**. See your authorized Audi Dealer.
 - If the coolant level and the V-belt are normal, the malfunction may be in the auxiliary radiator fan. You can continue driving to the nearest authorized Audi Dealer. The wind from the moving vehicle and the main radiator fan driven by the V-belt will be enough to keep the engine cool. However, avoid idling for a long time or driving very slowly.
- If the V-belt is torn, the main radiator fan, the power steering and the generator will also not work.
- Obtain expert assistance.**
Refer to "Coolant temperature gauge" on page 118 for details.

 **Engine oil pressure**

If that warning light comes on, it indicates that the engine oil pressure is too low.

 **Stop the engine immediately, check the engine oil level and add oil if necessary.**

If engine oil level is normal but the light comes on again, do not continue to operate the vehicle. This could damage the engine.

Turn the engine off and contact the nearest Audi Dealer for assistance.

The oil pressure warning light is not an indicator for low engine oil level. To check the oil level, always use dipstick (see page 235).

Make it a habit to have the engine oil level checked with every fuel filling.



Always heed all WARNINGS on page 232.



Brake pads worn

See your Audi Dealer promptly to have front and rear brake pads checked and replaced as necessary.



Headlights / tail lights

Check, repair or replace:

- Light bulbs
- Fuses
- Electrical connections.



Washer fluid

Replenish the windshield washer fluid in the container (see page 250).



Fuel

Pull into the next filling station and fill up.




Battery voltage too high or too low

See your Audi Dealer promptly to locate and correct the problem. The battery may be run down, the generator may be overcharging, or the V-belt tension may need adjustment.


The voltage in the electrical system is displayed on the voltmeter. See page 120 for additional details.

CONTROLS AND EQUIPMENT

Check engine oil level  Check the engine oil level as soon as possible by using the dip stick. Add engine oil accordingly. See page 236.

Engine oil sensor defective  Contact an authorized Audi dealer and have the engine oil sensor inspected.

Speed warning  **or**  The stored speed has been exceeded. Slow down or set new speed.

Dynamic headlight dimmer control* not functioning  Have your authorized Audi dealer repair the headlight dimmer control. Refer to "Xenon lights" on page 157 for details.

Speed warning



You can store a road speed which is not to be exceeded. As soon as you exceed that speed by approximately 6 miles (10 kilometers), a warning tone sounds and "MPH" ("km/h") appears in the display.

Note

Always monitor the vehicle speed by means of the speedometer. The speed warning device may only be used as a reminder not to exceed the posted speed limit.

The following describes how to store or delete **speed warnings 1 and 2**.

Speed warning 1



The "MPH" ("km/h") disappears when you reduce the speed below the stored speed. Also, the "MPH" goes out when the driving speed increases approximately 25 mph (40 km/h) over the set speed for at least 10 seconds. The stored speed is not deleted.

Selecting speed limit

Press the test button for the Auto-Check control briefly when the desired speed is indicated on the speedometer. The speed warning symbol lights up when the button is released to confirm that the selected speed has been stored.

The set speed limit remains stored until another speed is selected by pressing the button again or until the memory is cleared.



The warning is shown in the display as described. The warning symbol only goes out once the road speed has fallen below the stored value again.

We recommend to store this speed limit warning if you wish to be reminded of a particular speed limit in addition to speed limit warning 1. (For instance when driving in countries with general speed limits or if a particular speed should not be exceeded when winter tires are fitted, etc.)

Selecting speed limit

- Press the test button briefly with the **ignition switched off**. The mileage recorder display will then light up.

- Press the test button again and hold for at least 2 seconds. The speed limit currently set appears in the display.

- To change the speed limit, press the top or bottom of the function selector switch for the trip computer (see arrow illustration). The speed limit displayed will then increase or decrease by 6 miles (10 km/h) at a time.

Cancelling speed limit

Press the test button for at least 1 second when the vehicle is moving at a speed above 3 miles (5 km/h). The display will show the warning symbol crossed through to confirm that the speed limit has been cleared.



Speed warning 2

When the ignition is switched off, the driver can store a **permanent speed limit warning** in the unit.



- A few seconds after the button is released, the display lighting goes out again.

Cancelling speed limit

Press the test button briefly **with the ignition switched off**; the display will light up. Press the test button again for at least 2 seconds: the display will show the speed limit currently set. Now press and hold the "Reset" button for the trip computer until the crossed-out warning symbol appears.

CONTROLS AND EQUIPMENT

Trip computer



This feature generates much helpful information by simple touch control. For the driver's convenience, the computer's memory display window is integrated in the instrument cluster.

The **computer function control switches** are located in the windshield wiper switch lever.

The switches are functional only when the ignition is turned on. Depressing the upper or lower edge of the rocker switch (see arrow in illustration) will display functions either in forward or reverse order.

The **"Reset" touch control on the bottom of the switch serves several functions.**

By depressing "Reset" for 2 seconds, the "driving time", "average fuel consumption", and "average driving speed" can be reset.

The "miles or kilometres to empty" display cannot be reset.

By pushing "Reset" briefly, the computer's alert signal for driving time can be interrupted.

The digital display in the instrument cluster can be switched on and off by pressing the "Reset" button briefly.

When the ignition is switched on, the display shows the function that was last selected.

All the stored values are cancelled if the battery is disconnected.



The trip computer has five display modes:

- Instantaneous fuel consumption
- Miles or kilometres to empty
- Driving time (maximum range is 23 hours: 59 minutes)
- Average fuel consumption
- Average driving speed

The instantaneous fuel consumption is shown in the illustration by way of an example.

USA models:

computer calculations are displayed in the USA measuring system

Canada models:

computer calculations are displayed in the metric system

l/100 km – Instantaneous (MPG) fuel consumption

Fuel consumed instantaneously is measured every 100 feet or 30 meters and displayed in units of miles per gallon (MPG) or liters per 100 kilometres (l/100km). When this function is selected right after engine start-up, the display will show the **average** fuel consumption figure for the first 100 feet or 30 meters. When the vehicle is stationary, the last unit measured will be displayed.

km – Kilometres or miles to (Mi) empty

The displayed information (indicated in stages of 5 miles or 10 kilometres) is based on the average fuel consumption computed during the last 20 miles or 30 kilometers.

This feature informs the driver how many miles or kilometres of normal and smooth driving can be covered with whatever amount of fuel remains in the tank. Fuel economy is the result of good driving habits.

h – Driving time

Driving time elapsed will remain in storage, even after the ignition is turned off. Further driving time will be added automatically after engine restart. Maximum storage and display range is 23 hours; 59 minutes. To keep track of driving time between points, depress "Reset" for zero.

Driving time alert

While driving, the computer will automatically switch to the "driving time" display every two hours. The indicator "2:00" (or "4:00", "6:00", "8:00" etc.) will blink in the display window to alert the driver to take a break. The blinker can be turned off briefly by pushing "Reset" or either side of the switch.

If the ignition is off **more** than ten minutes, the driving time alert counter will automatically start again from zero. If the ignition is off **less** than ten minutes, the display will blink again every two hours.

Ø $\frac{l}{100 \text{ km}}$ (MPG) – Average fuel consumption

The display will show the computed average since the last "Reset". When the ignition is turned off, the computed average remains in storage. When driving is resumed, the computation continues automatically. To delete stored data, push "Reset".

Ø km/h – Average driving (MPH) speed

The display will show the computed average of driving speed variations since the last "Reset". When the ignition is turned off, the computed average remains in storage. When driving is resumed, the computation continues automatically. To delete stored data, push "Reset".

CONTROLS AND EQUIPMENT

Switches



Light switch

- – all lights off¹⁾
- ☀ – all lights on, except headlights
- ☀ – headlights (only with ignition on) and all other lights on.

This switch also operates the front and rear fog lights: it can pulled out when the side lights or headlights are switched on.

To conserve battery power, the headlights will go out automatically when the ignition is turned off or while the starter is engaged. High beam, low beam and headlight flasher, see page 156.

Automatic headlight adjustment

After you start the engine, as well as while the vehicle is moving, the headlights automatically adjust themselves to the load and angle of the vehicle (for example, during acceleration or braking). This prevents unnecessary glare for on-coming traffic.

If the system is not operating properly, the warning symbol in the Auto Check Control – see page 144 – will come on.

Daytime running lights (Canada models only)

When the ignition is switched on, the fog lights, side marker lights and tail lights will automatically come on.



WARNING

Accidents can happen when you cannot see the road ahead and when you cannot be seen by other motorists.

- Never use daytime running lights to see where you're going. They are not bright enough and won't let you see for enough ahead for safety, especially at dusk or when it's dark.
- Always turn on the headlights so that you can see ahead and so that others can see your car from the back.

¹⁾ Canada models:
Daytime running lights