

Overview of most frequent indicators of electronic defects on a vehicle

Lights



Adaptive headlights

The control light signalizes defect of the headlights tilting automatic function. However the lights can still be tilted manually. It is recommended to visit service.



Controlling the range of forward headlights

Defect in the system, the range of the forward headlights cannot be changed. Depending on the manufacturer an exclamation mark doesn't have to be in the icon of the light. It is recommended to visit service.



Rain and light sensor

The control light signalizes defect in the automatic switching on and off of the screen wipers and light. Both can still be controlled manually. It is recommended to visit service.



Front fog lights

The control light can be green with some brands, its meaning is still the same. It signalizes the switching on of the front fog lights. If there is no fog, heavy rain or snowing, turn them off.



Rear fog lights

Signalizes switched on rear fog lights. Turn them off in case of good visibility.

Steering and ignition

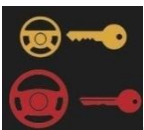


Power steering

With some models an exclamation mark can be next to the icon of the steering wheel, its meaning is the same. The control light indicates defect in the power steering function. If the orange one is lit, steering is functional, however operation the steering wheel requires more force. Turn the steering wheel to the left as far as it goes, subsequently to the right as far as it goes, then travel small distance at speed 15 to 20 km/h. If the control isn't turned off, based on the situation, drive slowly and carefully to the service or have your car towed.



If the red one is lit, acute failure of power steering is imminent. Turn the engine off for 30 seconds and if the control light is still on, based on the situation, drive slowly and carefully to the service or have your car towed.



Steering lock

Orange control light signalizes defect in the electric lock of the steering, very careful drive is required. Red color warns against acute possibility that the steering could get locked during the drive, further drive is not recommended due to safety issues. Have your car towed to service.



Ignition

The control light can be lit in orange or red color, depending on the seriousness of the defect in the ignition. Even though the effect doesn't have to manifest itself on the drive, it is recommended to visit service.



Key is not in the vehicle

Pertains only to vehicle with keyless system and the control light indicates that the key has been removed from the cabin while the engine is running. After the engine is turned off, it will not be possible to turn it back on again.



Weak battery in the key

The control light signalizes weak battery in the key and notifies the driver to change it.

Chassis



Breaking system

Signalizes pulled handbrake or low breaking fluid levels in the system. It suffices to release the handbrake, however if the control light is still lit, there is a danger of accident. It is recommended to visit service.



Handbrake

Signalizes pulled handbrake. Release the handbrake before driving. With models with electric handbrake, this happens automatically.



Brake lining

Brake lining is worn out and have to be replaced. It is recommended to visit the service as soon as possible and not take any long-distance trips before the replacement.



Air dampers

The control light signalizes defect in the air dampening system, which can significantly affect handling, stability and ground clearance. It is recommended to visit the service immediately.



Tire pressure control system

Warning that the tire pressure dropped under levels set by the manufacturer. It can be tire puncture or it can also happen during winter after a freezing night. During the drive, the tire air will heat up, increase its volume and the control light will turn itself off. If the light is still on, check the tire pressure and inflate the tires. If the light is still on, have the tires checked; it can be a defective sensor or valve.

Drive



Automatic transmission

Signalizes defect of the automatic transmission and can be accompanied by a message on the dashboard. In majority of the cases, it is recommended to visit the service.



Differential lock

The control light signalizes the driver a lock of the differential. It is found mostly in off-road vehicles.

Motor



Motor control

Signalizes a defect of ignition, fuel injection or cleaning of the exhaust gasses, eventually of the camshaft drive. It is recommended to drive slowly to the service; otherwise you risk burning out the catalyzer. With ignition defect, the vehicle has to be towed.



Oil pressure

The control warns against insufficient oil pressure in the engine, which can suggest low oil level as well. If it's flashing, it can also mean a defective sensor. As soon as it's lit up red, stop immediately and turn off the engine. If the oil level is low, add oil and start again. If it's still on, turn off the engine immediately and have the car towed to service. In other case you are in danger of total failure.



Cooling fluid temperature

The control light signalizes overheating of the motor, which can mean its overload or missing cooling fluid. Turn on the heating to the maximum. If after on minute the control light is still lit, turn of the engine, check cooling fluid levels and top up if necessary. If the control light is still on even after this, it can mean a defect of the cooling system. Further drive is not recommended; the car must be towed to service.



Glow plugs

This control light is found only with vehicles with a diesel engine and signalizes preheating of the motor before the ignition. Turn on the engine after it turns off. If it is lit or flashes even after the engine is turned on, or it lits on during the drive, it signalizes defect in the engine control system. The vehicle has to go to service without delay, it can go by itself, but the drive has to be slow and careful.



Engine control system

This system has the same meaning for gasoline engines as control light for glow plugs for diesel engines. It signalizes defect in the engine control system. Drive the car slowly and carefully without any delay to service.



Particle filter

Signalizes defect in the particle filter regeneration. If the gas control light is lit as well, fill up. Once you have enough fuel, drive at 60 km/h at 1 800 to 2 500 rpms for at least 15 minutes, until the control light turns itself off. If it is still lit, go to the nearest service or have your car towed.



Charging system

The accumulator is not being recharged. The alternator could be damaged or voltage regulator, but also the driving belt could be torn. It is recommended to stop immediately, turn off the engine and check the V-belt. If the belt is torn, do not start as the belt is powering the water pump. If the belt is ok, carefully drive to the nearest service.

Safety features



ABS

ABS or possibly ESP are not operational. Breaking is still possible, however ABS or ESP will not work. During strong or emergency breaking, there is a danger of skit. It is recommended to visit service.



ESP

If the control light flashes it signalizes tampering of the stabilization system. If it is lit, it can signalize that the ESP is turned off. If the driver activates the system with the button, the control light has to turn off. In case it is still lit, it signalizes defect. Breaking is still possible, but ESP will not be working. Adapt your speed to the conditions and visit service.



Control assistant for lane departure

The green control light signalizes the assistant system is turned on. The orange control means the system is working, but cannot detect the lanes. A defect is signalized by the orange control, usually with an error message on the dashboard.



Airbags and seat belts system

Signalizes defect of the airbags or pretensioners of the seat belts. Airbags do not have to activate at impact or, worse, they will activate without reason. In some cases it signalizes the front airbag is turned off. At the same time it can be a warning that the seat belts do not have to work properly. Immediate visit of service is recommended.



Start-stop system

Signalizes that the start-stop system turned off the engine. After pressing the clutch pedal the engine will automatically turn on. In case of automatic clutch it is sufficient to let go of the break. Crossed control light means the system is turned off.



Safety belts

One or several passengers do not have their seat belts fastened, usually accompanied with a sound warning signal. It is recommended that all passengers fasten their seat belts.