

General requirements for lights

Same color and strength, whole, clean, approved, and correctly mounted in the socket.

Position lights

- 2 pcs. white in front and 2 pcs. red in the rear
- Must be visible at a minimum distance of 300 m.
- Must not be dazzling.

Low beam lights

- 2 pcs.
- Must illuminate the road min. 30 m ahead.
- Must not dazzle.
- Must be asymmetrical to the right.
- The light cone must have a fall of 1%. (1 cm per m)
- White / yellow, have the same color and strength
- Check that the light falls 1%: Stand in front of the light. Place a finger where the light hits your leg and step 1m. back and the light border should fall approx. 1 cm.

High beam lights

- 2 pcs.
- White / yellow
- Should illuminate the road at least 100 m ahead
- May be dazzling
- 1 blue indicator light in the instrument panel
- Tail lights
- 2 pcs.
- Red
- Should be visible from at least 300 m
- May not be dazzling

Brake lights

- 3 pcs. (older cars can do with 2)
- Red.
- Should be significantly brighter than the tail lights. (3 - 4 X)
- May not be dazzling.

Reflectors

- 2 pcs. rear
- Red
- Must not be triangular

Number plate light

At least 1 piece

White

Must be readable from at least 20 m

Flashing lights

- 6 pcs. (3 on each side).
- Yellow / Orange.
- Must be visible in bright sunlight.
- Flash 60 – 120 times per minute.

Horn

The horn must have a clear and constant tone.

Parking brake

(Handbrake)

- Must be mechanical and act on at least 2 wheels. (behind the wheels)
- Must be able to hold the car on an 18% slope and remain stationary when clamped.

Brake pedal

- The brake pedal must have a non-slip surface.
- The brake pedal must be firm.
- The brake pedal must not be able to be fully depressed.
- The brake pedal must not sink with constant pressure.
- The brake pedal must have 1 cm of free play.

Checking the vacuum booster

(Brake booster)(Vacuum pump)

- Pump the brake pedal 4 times with the engine off.
- Then keep the pedal pressed.
- Start the engine.
- If the pedal sinks, the vacuum booster is working properly.

Engine

- The engine must be clean (not covered in oil) and tight (must not leak oil or fuel)
- Must not produce unnecessary smoke or noise.

Exhaust

- Must be tight.
- Must be secured with brackets and straps.
- Must be equipped with a silencer.

Tires

- Tires and wheel rims must be undamaged.
- Min. 1.6 mm tread pattern over the entire tire. (Evenly worn) (Wear indicator)
- Must be of the same type on all four wheels.
- Must be inflated to correct tire pressure (Car manufacturer's)
- Studded tires may be used from November 1st - April 15th.

Steering wheel play and steering wheel play control

- Steering wheel play is the amount of time the steering wheel can be turned without the wheels following it.
- Start the engine, align the wheels.
- Get out of the car and turn the steering wheel in small increments and check if the wheel follows the movement of the steering wheel.

Shock absorbers

- 4 pcs
- Should make the car come to rest immediately after a strong impact.
- Check by pressing firmly on the car's shock absorber. The car should then come to rest immediately.

Engine compartment

- **Washer fluid:** There should be just enough for the intended trip.
- **The Coolant:** Has to be between min and max or just enough.
- **Oil:** There should be enough.
- **Brake fluid:** There should be enough.
- If fluids are missing, you will get a warning on the dashboard.

Hazard warning lights

- Located approximately in the middle of the car above the radio
- Activates all 6 turn signals.
- Used in case of breakdowns and at the back of the queue on the motorway.