

WHEELS (225/45 R 17 94 Y)

TIRE DESCRIPTION: **225** tire width in mm (eg), **45** height to width ratio in %, **R** radial tire, **17** rim diameter in inches, **94** load capacity index, **Y** design speed

PROFILE DEPTH: **Summer tires 1.6 mm, winter tires radial 4 mm / diagonal 5 mm**
Winter tires required from November 1st to April 15th in winter driving conditions



Checking the tread depth with a **tread depth gauge** or **indicators** (TWI or arrow), Pay attention to even tire wear, otherwise incorrect tire pressure.

Wear on the front wheels : more wear in the middle: tire pressure too high
More wear on the outside: tire pressure too low

Visual inspections for possible tire damage (cuts, cracks, dents), checking the rims for damage

BALANCING WEIGHTS: mounted on rim, balance center of gravity,
Missing front wheel noticeable by steering vibration

AIR PRESSURE: can be found in the operating instructions or on a sticker on the driver's door or in the tank cap
Check when the tires are cold with a pressure gauge; tire pressure depends on the load
and possibly the tire dimension (approx. 2.5 bar)

EXPLAINING WHEEL CHANGES:

Secure the vehicle, loosen the wheel nuts, lift the car, change the wheel, tighten the wheel nuts diagonally by hand, lower the car, tighten the wheel nuts with a tool

Showing the **breakdown triangle** (tailgate) and the **first aid kit** (trunk)

BRAKE SYSTEM

STORAGE TANK: see fluid levels

Carrying out a **PARKING BRAKE TEST:**

Foot or service brake:

- Check **the free travel** (approx. **1 third** of the lever travel on the pedal if the free travel is significantly larger, a brake circuit has failed = specialist workshop)
- Check **for leaks** (press the pedal fully for 20-30 seconds, the pedal must not give in under pressure , otherwise the brake system would be leaking = specialist workshop - have it towed)
- Check the function of the **brake booster** (press the brake several times brake pedal, then start the engine, pedal gives way)
- Check the function of the **brake lights** (possibly with a second person)

PARKING BRAKE: Check **free travel** : approx. 3 - 5 grids (according to operating instructions)

Starting test: drive off in 1st gear with the parking brake on,
The engine must stall and the vehicle must not move

Brake indicator light

LIGHTING

TURNING ON THE LIGHT LEVELS:



- Automatic lights (daytime running lights, low beam in the dark) ,
- dimmed headlights
- marker light,
- high beam (on the indicator lever),
- fog lights (if available),
- Rear: rear fog light, tail lights, license plate light

Checking the lighting with the tour inspection (condition ,
Dirt, defective lamps)

Dashboard lighting brightness

SIGNALING AND WARNING DEVICES

ACTUATING THE HEADLIGHTS: Pull the turn signal lever towards the steering wheel (high beam lights up)
Used to warn of danger

ACTUATING THE HORN: usually directly on the steering wheel, function check if this is permitted locally
Use if flashing headlights is not enough

ACTUATING THE HAZARD LIGHTING SYSTEM: Show the switch, carry out a functional check (all indicators must work)

Use in case of (breakdown, traffic jams, securing the scene of an accident, transporting students
student transport board)

STEERING

STEERING AID: maintenance-free power steering with electrical support, no free travel should be noticeable
be (check with the engine started)

Checking the hydraulic oil level in the reservoir only in older vehicles

WEAR OF THE FRONT TIRES: If the tread wears on one side, the track is adjusted

SUFFICIENT VISION

WINDSHIELD WIPER: 5 functions

- 1x downwards = 1 wipe forward
- 1st step up = automatic - rain sensor
- 2nd step up = slow
- 3rd step up = fast

wipe at the back = turn the end of the lever to "on".

WINDOW WASHER SYSTEM:

Front: Pull the lever towards the steering wheel
Rear: Turn the end of the lever all the way up or down



WINDOW FAN: Show higher level



actuating device (defrosting position), possibly fan

REAR WINDOW HEATER: Rear windows get warm. **AIR**



Show actuating device (indicator light), heating wires in **CONDITIONING SWITCH**



LIQUID LEVELS

ENGINE OIL: Check the oil level with the oil dipstick (park the vehicle horizontally, the engine must be off for some minutes) Oil level between Min and Max = OK
Oil level at Min = refill at filler opening

What Stop,



to do if the oil pressure control lights up: Disengage the clutch, switch off the engine, then do not remove the ignition key (steering wheel lock), engine oil level is OK do not continue driving (oil pump defective)

COOLANT: Check the amount in the expansion tank (between min and max) before the start of winter
Have the antifreeze level checked (minus 25 degrees), temperature on the remote thermometer read (if available)

BRAKE FLUID: Check the quantity in the storage container (between min and max), if it is too low
Fluid level (leakage or brake pads worn) must be checked by vehicle to the workshop (but no access to the container on this vehicle)



If the brake fluid level is at Min then the brake control light lights up

Special feature of the brake fluid: very high boiling point (300 degrees)
absorbs water and therefore needs to be changed approximately every 2 years

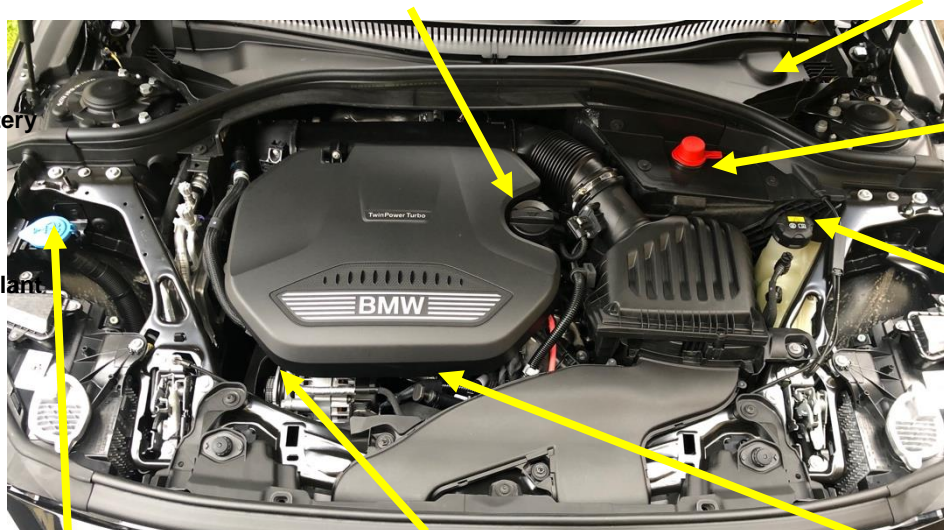
WINDOW CLEANER: Reservoir and filler neck show, lights up when the fluid level is low
orange indicator light comes on
Add antifreeze in winter (-25 °), in summer only use window cleaner

Refill engine oil

brake fluid

battery

coolant



Windshield fluid alternator (V-belt) oil dipstick

BATTERY maintenance free

POLE (+ and -): check that the connections are tight, keep the poles clean (use pole grease), charging status check the viewing window (if available)

FLUID LEVEL: check at screw openings and possibly distilled water refill (if batteries are not maintenance-free)

When using starter cables, be sure to read the operating instructions

V-BELTS

TENSIONING: usually automatic tensioning device, otherwise according to the operating instructions (thumb pressure test)

CONDITION: must not show any damage

The V-belt drives the following components: alternator, water pump, air conditioning compressor and Power steering pump (older vehicles)



If the V-belt breaks, the charging indicator lights up and power only comes from it Battery and it is no longer charged

INTERNAL CHECKS

SEATING POSITION: Knees still slightly bent with the clutch pressed, backrest slightly backwards inclined, use steering wheel adjustment, use height adjustment

MIRROR: The rear window is completely visible in the interior mirror, only a little of the driving light is visible in the exterior mirrors.
Stuff visible (reducing blind spot)

HEADREST: adjust to body size (eye level in the middle of the headrest)

SEAT BELT: must not be twisted, must fit tightly,

§ 57a assessment (Pickerl)



§57a assessment is a technical inspection of the vehicle.

The sticker states when the next inspection is due. (e.g.: March 2021) see picture) It is allowed to have the verification carried out one month before and up to 4 months after the specified date.

For new vehicles, the first inspection after 3 years, then after 2 years and then every year.

Please take your passport or ID card and also a moped driving license with you when checking!

EASY DRIVERS
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