

Safety check of the car

Loading capacity and driving with a trailer

- 1. What is the permitted payload this car can carry in addition to us in the car right now? What is the consequences if your payload is too heavy?**
Check the registration card. The driving characteristics is affected, the stopping distance increases, risk of blinding opposing traffic since the front of the vehicle is raised.
- 2. What is the permitted trailer weight, you can pull with driving license category B on this car?**
Main Rule: Permitted total weight of the car is 3500 kg. You can also pull a trailer with a permissible total weight of 750 kg. "The caravan rule": the trailer can weigh more than 750 kg as long as the total weight of the car and trailer does not exceed 3500kg. Also check the permitted total weight in the registration card. Maximum permitted speed while driving a trailer is 80 km/h. A trailer without brakes and with actual total weight over 300 kg can't drive faster than 60 km/h.
- 3. What is the consequences if your trailer is too heavy?**
Traction for the front wheels is reduced, steering ability is reduced, the stopping distance increases, risk of blinding opposing traffic since the front of the vehicle is raised. You will also get a ticket since it's not allowed.

Brakes

- 4. Check the power braking. Is it justifiable to drive if this doesn't work?**
Perform check. Before you start the car, press the brake pedal 5- 6 times, keep the pressure and start the engine. The pedal should sink in. If the power braking doesn't work it isn't justifiable as it will impair the braking effect. The pedal will be heavy (engine stop or towing).
- 5. Check the brake fluid level. What would you do if the brake fluid level is too low?**
Measure the fluid level on the container in the engine room. It could be worn out brake pads or leakage, visit the repair shop for a check up, do NOT refill brake fluid.
- 6. Check the braking effect, and possibly skewed moves. What could be the reason to skewed moves?**
Brake in 30 km/h, with a loose grip on the steering wheel. Faulty brakes.

7. **Check the indicator lamp for the ABS-brake system. Is it justifiable to continue driving if this appear during driving?**

When you turn the key, the light will appear, then disappear. Look at [page 30](#). It is justifiable, but the error needs to be corrected as soon as possible.

Wheels and tires

8. **Check tires and rims for damages. What is the most common damages?**

Visual inspection. Tears/cuts on the tire sides, dented rims.

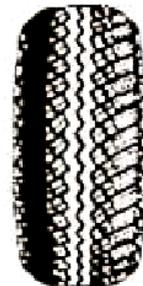
9. **Check the tire damage on both front wheels. What can the damage tell you?**



Too high air pressure



Too low air pressure



Faulty wheel alignment

10. **Measure the tire depth on both front wheels. What disadvantages is it by having too little tire depth?**

Visual inspection, depth gauge or wear alert on the tires. Poor traction and hydroplaning.

11. **What is the correct tire pressure on this car? Check the tire pressure in the front wheels.**

Look for it in the instruction manual, the frames of the door or under the tank lid. Visual inspection or use a tire gauge to check air pressure.

12. **Measure the tire depth on both front wheels. What is the requirement for witer and summer tires?**

Visual inspection, or with depth gauge. Measured on the most worn place the requirement for wintertires min 3 mm and summertires min 1,6 mm.

13. **What is the correct tire dimension on this car? Check that the front wheels har the correct tire dimension.**

Check the registration card. Example: 225/65R17. Visual inspection.

Safety check of the car

14. **What is the Load Index for this car? Check that the front wheels has the correct Load Index.**

Check the registration card, min LI. Visual inspection, can be found right after the tire dimension on the tire.

Steering

15. **Check that the steering is in order. What can be the reason for the car pulling to one of the sides?**

Steer to both sides, make sure the wheel self corrects, unusual sounds, stable steering. Faulty wheel alignment, uneven tire pressure.

16. **Check the power steering. Is it justifiable to drive if the power steering doesn't work?**

Start engine while steering the wheel either left or right. The steering wheel will move smoothly when you start the engine. Steering the car will be more difficult as the steering wheel will be harder to operate, and is normally not justifiable.

17. **Check that the car is stable. What can be the reason for the car pulling to one of the sides?**

Drive in 30 km/h with a loose grip on the steering wheel. Faulty wheel alignment, uneven tire pressure.

Lights

18. **Check that all the braking lights works. Is justifiable to drive if the brakelights doesn't work?**

Visual inspection. Use a stick to depress the brake, put something heavy on the pedal or use a shop window as a mirror. No, correct the issue (fuse or bulb).

19. **Check that the hazard lights works. In which situations is it correct and important to use the hazards lights?**

Turn on the lights, visual inspection. If you have an emergency stop to make the car and the situation visible.

20. **Check that the low beam is correctly fitted. What disadvantages are there if the main light bulb is incorrectly set?**

Drive close to a wall to make sure the low beam lights are at the right height. Disadvantages: Blending of oncoming cars and poor sight distances.

21. **Check that the fog lights work. What disadvantages are there if the fog light are used wrongly?**

Turn on the lights, visual inspection. Blending, irritation, ticket.

22. **Check that the fog lights work. What disadvantages are there if the fog light are used wrongly?**

Turn on the lights, visual inspection. Strongly blending, especially in slowly moving queue.

Safety check of the car

23. **Check that parking lights, tail lights and number plate lights work. In which situations is it important that the parking lights works?**
Turn on the lights, visual inspection. Parking in the dark without other light sources.
24. **Check that the warning light for dual circuit brake system works. What should you do if the lamp lights while driving?**
When you turn the key, the light will appear, then disappear. Look at [page 30](#). Stop, locate the reason. Check if the brakes still works.

Visibility

25. **Check that the window wipers work. What do you check regarding the window wipers?**
Try all the different steps. Wear and tear, wounds, loose rubber stripes on the windscreen.
26. **Set the heater so that ice and dew on the windshield is removed as efficiently as possible. Set the heater like you want it while driving.**
Perform.
27. **Show how you will remove dew from the rear window. Show how you will remove dew and ice from the mirrors.**
Perform.
28. **Check that the window washer works. Show where to refill window wiper fluid.**
Perform. Identify the container in the engine room.

Reliability

29. **Check that the battery is properly fastened. What are the risks by having a loose fitting battery?**
Perform. Acid spill, short circuit.
30. **Check the engine oil level. Show where to refill engine oil.**
The level should be between min. and max. on the dipstick for the engine oil.

Safety equipment

31. **Check all the seat belts. What are the risks of using a seat belt with loose stoppers?**
Visual inspection; wear and tear, wounds, function test the stoppers. The seat belt will be too loose, doesn't stop upon impact.
32. **Find the reflective vest.**
Should be easily available for the driver, usually in the side door.
33. **Find and assemble the warning triangle. How far away from the car should you go before putting it up?**

Safety check of the car

Perform. Easily visible. Outside populated areas: min. 150 m. Inside populated areas: min. 50 m.

34. **Put on the hazard lights. What light can't you use together with the hazard lights?**

Perform. High beam and low beam will reduce the effect of the hazard lights.

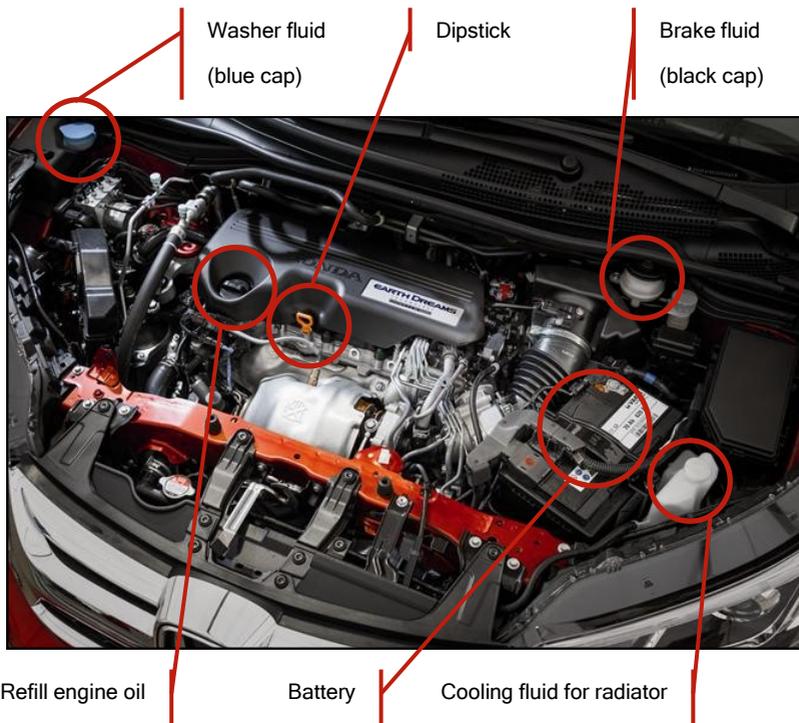
Warning devices

35. **Check that the horn works. Check that the light horn works.**

Honk and flash the high beams.

36. **Check that the warning lamp for the air bag works. What passengers should you avoid putting in the front seat when you have air bags?**

When you turn the key, the light will appear, then disappear. Children and people of small stature can get injured if the air bag deployed.



Safety check of the car

Warning lamps

Warning lamps is visable in the dashboard. It is important to check that they work to make sure you can notification if something is wrong with the car. To check a warning lamp, start the car, the warning lamps should light, then go off. If a warning lamp doesn't light you should change the bulb or go to a repair shop. The different colors indicate how serious the fault is. The instruction manual of the car can help you if you are not sure about the meaning of the different warning lamps. Below you can see the most common warning lamps.



Parking brake
Dual- circuit brake system



Tire pressure



Charging



Fuel level low



Engine oil level critical



Diesel engine/
emissions



Seatbelt



Engine oil level low



Airbag



Engine/emissions



Powersteering



Washer fluid



ABS
(Anti Brake-lock System)



Fog lights



ESP/VSA
(stability assist)



High beam