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# ContiMobilityKit Operating Instructions

#### SAFETY WARNING

Read these instructions and warnings carefully before using the ContiMobilityKit!

Compliance with these instructions is vital to ensure vehicle safety. Noncompliance with these instructions means risking tire damage, which can affect vehicle handling and lead to loss of vehicle control. This may result in serious injury or death. Inform all other users of the vehicle if standard items for dealing with a puncture (e.g. spare tire) have been replaced by the ContiMobilityKit.

### Introduction

The ContiMobilityKit seals most tire punctures to restore temporarily mobility. Recommended use only for passenger car tires shown in the table and vehicle tire inflation pressure up to 300 kPa (3 bar, 43 psi). The system consists of a compressor and a sealant, and serves to effectively and conveniently seal punctures in car tires caused, for example, by nails or similar foreign objects with a diameter of up to 1% " (6 mm).

Depending on the type and extent of tire damage, some tires can only be partially sealed or not sealed at all. Loss of tire pressure can affect vehicle handling, leading to loss of vehicle control. Observe the following rules when using the ContiMobilityKit:

- Drive with caution and avoid making sudden steering or driving maneuvers, especially if the vehicle is heavily loaded or you are towing a trailer.
- The system will provide you with an emergency temporary repair, enabling you to continue your journey to the next vehicle or tire dealer, or to drive a maximum distance of 200 km (120 miles).
- Do not exceed a maximum speed of 80 km/h (50 mph).
- Store the ContiMobilityKit safely and secure it in the vehicle's trunk. Storing it anywhere in the passenger compartment is not advisable as it could strike an occupant in the event of a sudden stop or collision and can cause injury.
- Keep the ContiMobilityKit out of the reach of children.

These instructions provide a step-by-step explanation of how to use the ContiMobilityKit to temporarily repair a tire puncture. Please read the section on "How to proceed in the event of a tire puncture".

**WARNING** Do not use the ContiMobilityKit if the tire has already been damaged as a result of being driven underinflated. Do not try to seal damage other than that located within the visible tread of the tire. Do not try to seal damage to the tire's sidewall.

## Instructions on how to use the ContiMobilityKit safely

- Use product with original vehicle tires only.
- Only use the ContiMobilityKit with tubeless tires.
- If used for other than its intended purpose, the ContiMobilityKit may cause severe accident or injury due to the fact that compressed air can act as an explosive or propellant.
- Park your vehicle at the roadside so that you do not obstruct the flow of traffic and you are able to use the ContiMobilityKit without being in danger.
- Engage the hand brake, even if you have parked on a level road, to ensure that the vehicle will not move.
- Do not attempt to remove foreign objects like nails or screws penetrating the tire. Leave them as they are.
- Leave the engine running while the ContiMobilityKit is in use, but not if the vehicle is in an enclosed or poorly ventilated area.
- Never leave the ContiMobilityKit unattended while in use.
- Do not keep the compressor operating for more than 10 minutes otherwise there is a risk of it overheating.
- Replace the sealant bottle with a new one before the expiration date is reached (see bottle label). In case that the sealant is expired the functionality cannot be fully guaranteed. Only use original ContiMobilityKit bottles which are pressure resistant.
- Technical data for the kit can be found in the manual.

#### How to proceed in the event of a tire puncture

You can temporarily repair a tire puncture in two steps. First pump the tire sealant and air into the tire (see Step 1). Immediately thereafter, drive a short distance (3-10 km / 2-6 miles) in order to distribute the sealant in the tire. After that, check the tire pressure and pump more air into the tire if necessary (see Step 2). Then you can proceed to drive with caution for a maximum distance of 200 km (120 miles) and at a maximum speed of 80 km/h (50 mph).

Inform all other users of the vehicle that the tire has been temporarily sealed with the ContiMobilityKit and make them aware of the special driving conditions to be observed.

### Step 1: Pumping the tire sealant and air into the tire

- Peel off the decal denoting the maximum permissible speed (80 km/h | 50 mph) from the casing and attach it to the edge of the windscreen as shown on the picture.
- Take the hose and power plug with cable out of the ContiMobilityKit casing. Unscrew the orange cap of the bottle connector.
- Unscrew the red cap of the sealant bottle.

**CAUTION** Leave the bottle seal intact. Screwing the bottle onto the bottle holder will pierce the seal of the bottle. Avoid skin contact with the sealant which contains natural rubber latex. Do not open pressure "air release" valve. Use enclosed protective gloves

- Screw the bottle clockwise firmly against the slight resistance of the notches onto the sealing gasket of the bottle connector until it is screwed tight.
- Remove the valve cap from the damaged tire. Pull the protective cap off the end of the hose and screw the hose firmly onto the valve of the damaged tire. Make sure that the compressor switch is switched to "0" and the pressure "air release" valve is closed.
- Insert power plug into the cigarette lighter socket (12 volt connection, see the vehicle owner's manual).
- Start the engine (only if the vehicle is outdoors or in a well ventilated area).

**WARNING** Asphyxiation may occur if the engine is allowed to run in a non-ventilated or poorly ventilated area (e.g. inside a building)!

Press compressor switch to "1".

Important: When pumping in the sealant through the tire valve, the pressure may rise up to 500 kPa (5 bar, 73 psi) but will drop again after about 30 seconds.

**WARNING** Check the sidewall of the tire prior to inflation. If there are any cracks, bumps or similar damage, do not attempt to inflate the tire. Do not stand directly beside the tire while the compressor is pumping. Watch the sidewall of the tire. If any cracks, bumps or similar damage appear, turn off the compressor and let the air out by means of the pressure "air release" valve. **In this case, do not continue to use the tire!** 

- Inflate the tire within about 10 minutes to an inflation pressure of minimum 180 kPa, (1.8 bar, 26 psi) and a maximum of 300 kPa (3 bar, 43 psi).
- Switch off the compressor briefly in order to read the actual tire pressure from the pressure gauge.

WARNING If the tire inflation pressure does not reach 180 kPa (1.8 bar, 26 psi) within 10 minutes, the tire may have suffered excessive damage, making a temporary repair impossible.

In this case, do not continue to use the tire!

11 12 Once a tire inflation pressure of at least 180 kPa (1.8 bar, 26 psi) has been reached:

Switch the compressor to "0".

- Pull the power plug from the cigarette lighter socket.
- Quickly unscrew the hose from the tire valve and put back on the protective cap of the hose.
- Leave the bottle in the holder. This avoids unexpected leakage of sealant residue.
- Make sure the ContiMobilityKit, the cap of the bottle and the orange cap are stored safely, but are still easily accessible, in the vehicle.

The kit will be needed again when you check the tire pressure.

13 14 Immediately start and drive for about 3-10 km (2-6 miles) so that the sealant can seal the damaged area. Do not drive for more than 10 min and not any faster than 80 km/h (50 mph) (observe the decal indicating the maximum permissible speed).

warning if heavy vibrations, unsteady steering behavior or noises should occur while driving, reduce your speed and drive with caution to a place where it is safe for you to stop the vehicle. Recheck the tire and its pressure. If the tire pressure is less than 130 kPa (1.3 bar, 19 psi) or if there are any visible cracks, bumps or similar damage on the side wall, do not continue to use the tire!

### Step 2: Checking the tire pressure

- Stop the vehicle after driving about 3-10 km (2-6 miles). Check and, where necessary, adjust the pressure of the damaged tire. Remove the protective cap from the end of the hose. Screw the hose firmly onto the valve of the damaged tire.
- Read the tire pressure from the pressure gauge.

  If the pressure of the sealant-filled tire is 130 kPa (1.3 bar, 19 psi) or more, it must now be adjusted to the pressure specified for your vehicle (see vehicle placard).

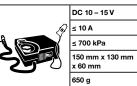
**WARNING** If the tire check shows that the pressure of the sealant-filled tire is less than 130 kPa (1.3 bar, 19 psi) or if there are any visible cracks, bumps or similar tire damage on the side wall, **you must not continue to use that tire.** 

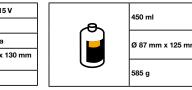
- Make sure that the compressor switch is switched off to "0".
- Insert the power plug into the cigarette lighter socket.
- Start the engine (only if the vehicle is outdoors or in a well ventilated area).

**WARNING** Asphyxiation may occur if the engine is allowed to run in a non-ventilated or poorly ventilated area (e.g. inside a building)!

17 18 Switch the compressor on to "I" and pump the tire up to the specified tire pressure within max. 10 minutes.

• Switch the compressor off and check the tire pressure again. If





tire pressure is too high, deflate the tire to the specified pressure using the pressure "air release" valve.

- Rest of the remaining sealant in the hose might leak out when opening pressure "air release" valve or taking off the protective cap of the hose. Please use enclosed protective gloves.
- Once you have inflated the tire to its correct tire pressure, switch
  off the compressor, pull the plug out of the socket, unscrew the
  hose, fasten the tire valve cap and put back on the protective
  cap of the hose.
- Leave the bottle in the holder and store the ContiMobilityKit away safely in the vehicle trunk.

WARNING After using the sealant you may drive no faster than 80 km/h (50 mph), and the damaged tire must be replaced as quickly as possible (within a maximum driving distance of 200 km (120 miles)). You must not continue to drive if heavy vibrations, unsteady steering behavior or noises should occur while driving.

Drive to the nearest workshop to get the damaged tire removed from the car. Before the tire is removed from the rim, inform your tire dealer that the tire contains sealant. Sealant deposits in a used hose may impair proper function of the ContiMobilityKit. Both the sealant bottle and the hose need to be replaced together after using the ContiMobilityKit.

**ATTENTION** Remember that emergency roadside tire repair kits only provide temporary mobility. Regulation concerning tire repair after usage of ContiMobilityKit may differ from country to country. You should consult a tire specialist for advice.

**WARNING** Before driving, ensure tire is adjusted to recommended inflation pressure as indicated on vehicle placard. Monitor tire pressure until sealed tire is replaced. Proceed as described above from point 15 onwards.

New sealant and replacement parts can be purchased from your authorized repair shop or dealer. Sealant bottles can be disposed with household waste.

Further information (e.g. E-Manual, How-to-use Video, EU declaration of conformity) can be found on the Continental Homepage - www.continental-mobility.com