

You're almost there. Welcome to the fourth and final lesson on Continental EM tires. Here we will answer the following questions:

- How is an EM tire fitted?
- What do I have to consider when using an EM tire?

This information rounds off your knowledge of EM tires.

EM tires are fitted and removed from the **detached wheel** using the **fitting press**. Very large EM tires are fitted and removed on-site without dismantling the rim.

## Fitting

1. Place the main body of the rim **horizontally** on the fitting block or wooden block, with the **cap side facing up**.
2. In the case of five-piece rims, insert the inner flange ring, screw in the valve base. Grease the bead seat areas, underside and inlet taper of the loose tapered bead seat ring with **fitting lubricant**.
3. Place the tire onto the rim, **set to run in the right direction**.
4. Place on the loose flange / tapered bead seat ring.
5. Press the tapered bead seat ring far enough in with the tire lever or press-on device to expose the slot for the O-ring.
6. Place the O-ring into the slot.
7. Insert the sealing ring.
8. In order to create and seal the tire bead quickly, it is pumped up first without the valve kit. A tension chain can be placed over the tread for assistance.

## Removal

1. Remove the tire and place it on the fitting block or wooden block, with the cap side facing up.
2. Unscrew the valve insert and release the air.
3. Using a **suitable** bead-loosening device, press off the outer tire bead.
4. Loosen and remove the sealing ring using a tire lever.
5. Press back the tapered bead seat ring with a tire lever or press-off device and remove the O-ring.
6. Remove the tapered bead seat ring.
7. Using a bead-loosening device, loosen the inner tire bead. (after turning with the wheel dismantled)
8. Remove the rim from the tire.

## How are EM tires mounted and removed?

on the wheel which has been removed from the vehicle

with wrench, pipe wrench and crowbar

with the help of a mounting press

very large EM tires on the rim

The tire can be fitted with a **chain** for protection for particularly heavy-duty work on **hard, sharp-edged rock or ore**. This reduces the likelihood of **early wear** or even **total failure**. A tire-protection chain **prevents damage**, thereby **increasing operating efficiency**.

Continental EM tires should only be used in accordance with their **stated specification**.

Driving with the air pressure too low or too high causes tires to suffer **premature damage**. The tire's properties are diminished, affecting **stability, traction, mileage, ride comfort** and **even self-cleaning**.