



## Tire removal and installation instruction using a manual tire changer.

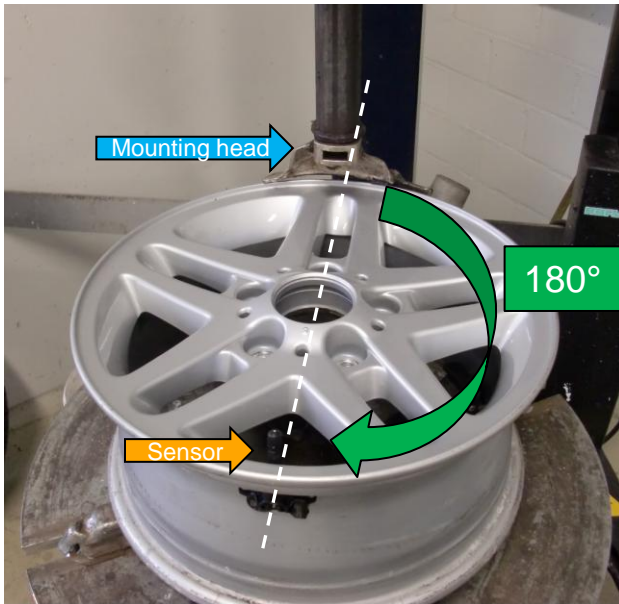
# Contents

**1** Tire mounting with manual tire changer

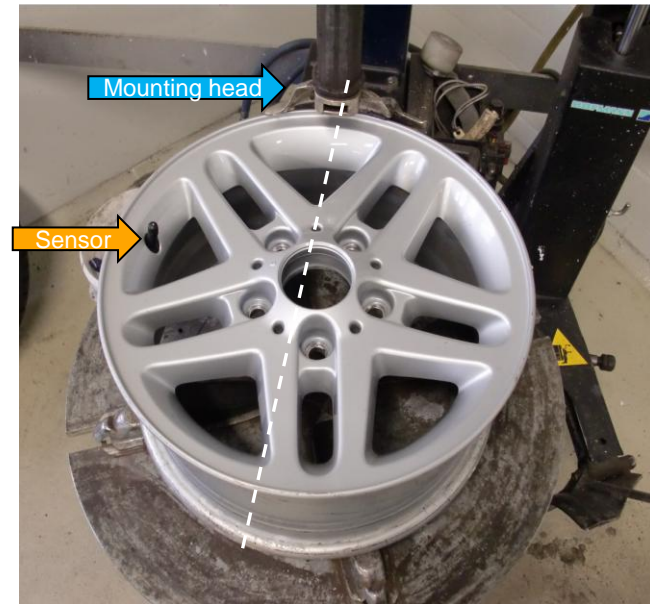
**2** Tire dismounting with manual tire changer

# 1. Fix the rim in the tire changer

Position the sensor opposite to the mounting head

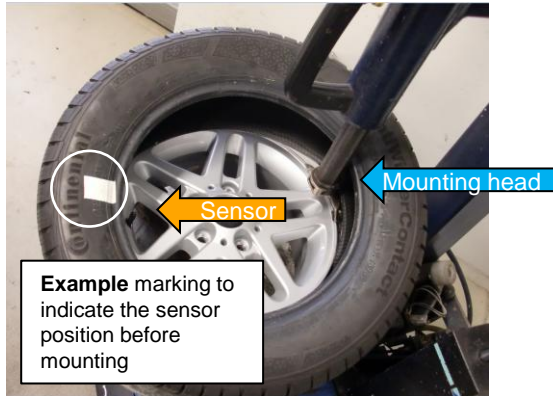


Don't position the sensor at other location because it may be hit by the tire



## 2. Mount the lower bead

Mount the lower bead making sure that the tire does not slide

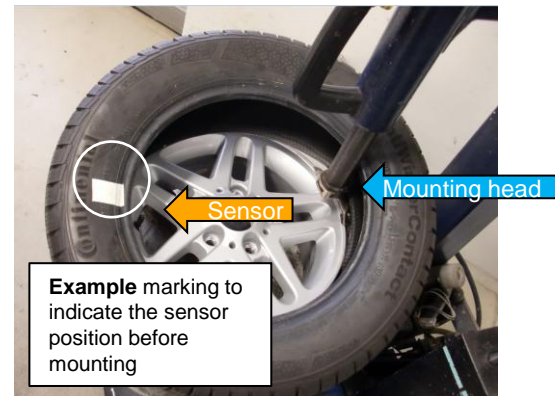


Example marking to indicate the sensor position before mounting

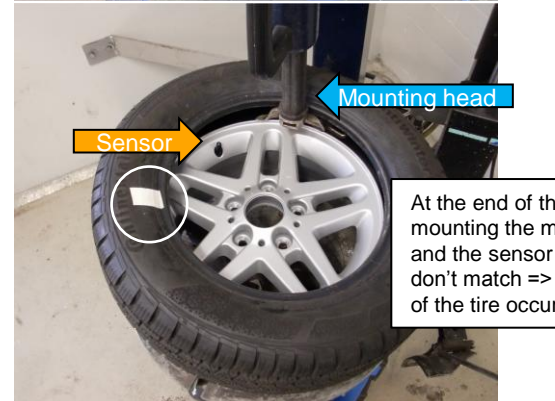


At the end of the mounting the marking and the sensor position match => No sliding of the tire occurred

If the tire slides the correct sensor position is lost and the tire can hit the sensor



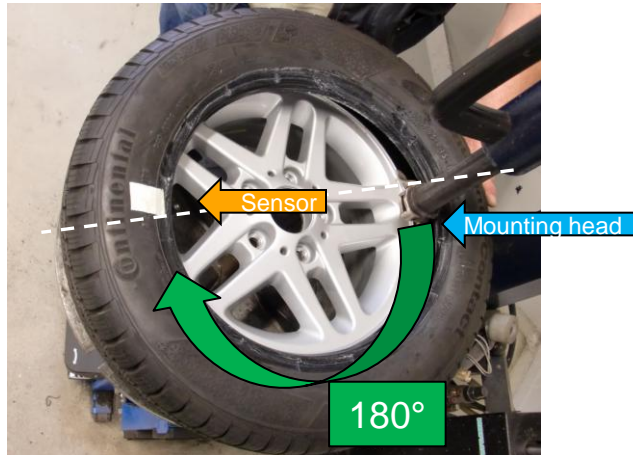
Example marking to indicate the sensor position before mounting



At the end of the mounting the marking and the sensor position don't match => Sliding of the tire occurred

### 3. Position the sensor for the upper bead mounting

Position the sensor opposite to the mounting head



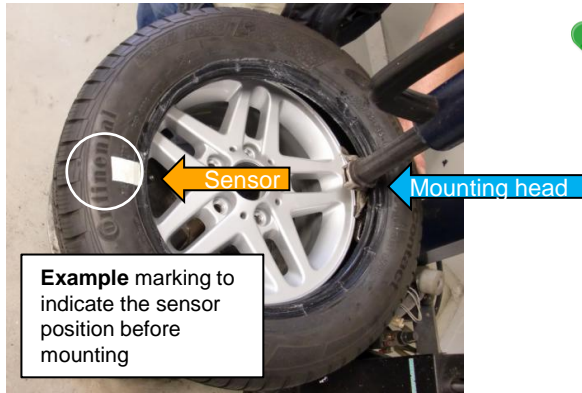
Don't position the sensor at any other location because it may be hit by the tire



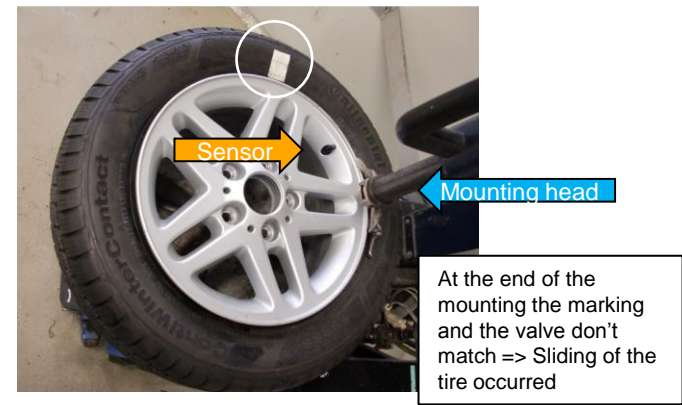
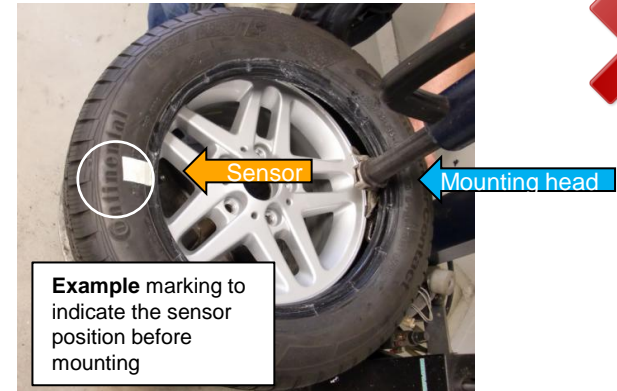


## 4. Mount the upper bead

Mount the upper bead making sure that the tire does not slide



If the tire slides the correct sensor position is lost and the tire may hit the sensor



# Contents

**1 Tire mounting with manual tire changer**

**2 Tire dismounting with manual tire changer**

# 1. Break the bead on the front side

Position the bead breaker on the opposite side of the sensor



Don't position the bead breaker at the sensor position as it may be damaged





## 2. Break the bead on the rear side

Position the bead breaker on the opposite side of the sensor



Don't position the bead breaker at the sensor position as it may be damaged



### 3. Fix the wheel in the tire changer

Position the sensor under the mounting head



Don't position the sensor at any other location because it may be hit by the tire



## 4. Insert the mounting lever

Insert the mounting lever without touching the sensor



## 5. Dismount the upper bead

Dismount the upper bead



## 6. Position the sensor for the lower bead dismounting

Position the sensor under the mounting head



Don't position the sensor at any other location because it may be hit by the tire





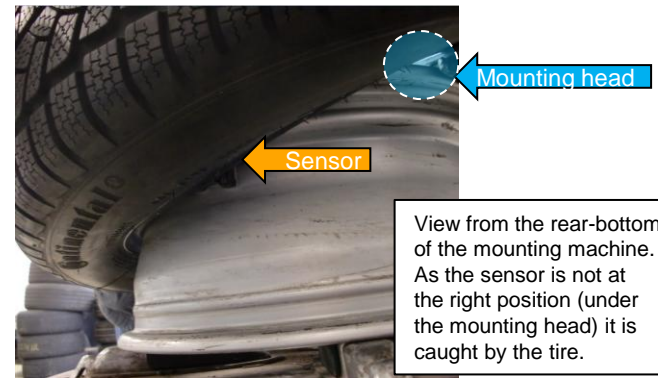
# 7. Insert the mounting lever

Insert the mounting lever only if the sensor is under the mounting head



View from the rear-bottom of the mounting machine. As the sensor is at the right position (under the mounting head) it is not touched by the tire.

If the sensor is not under the mounting head it can be caught by the tire



View from the rear-bottom of the mounting machine. As the sensor is not at the right position (under the mounting head) it is caught by the tire.

## 8. Dismount the lower bead

Dismount the lower bead

