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

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 match => No sliding of the tire occurred

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

Example marking to indicate the sensor position before mounting

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

At the end of the mounting the marking and the valve don’t match => Sliding of the tire occurred
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

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 at the right position (under the mounting head) it is not touched 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