

# Setting up your Vehicle

## **⚠ Warning!**

Before riding, always ensure that the basic settings made by Öhlins are intact. Take notes, adjust in small steps and make only one adjustment at a time.

## Step 1

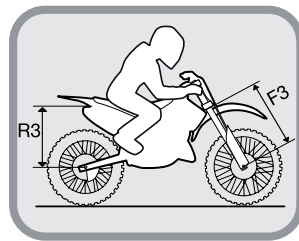
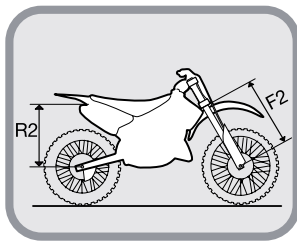
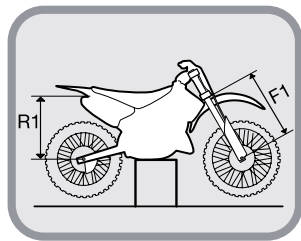
### **Spring Preload - Sag - Ride Height**

Spring preload is a crucial part of setting your motorcycle since it affects the height of the motorcycle and the fork angle.

## **👁 Note!**

The following procedure should be performed on a flat surface.

1. Put the motorcycle on a workstand so that both wheels are off the ground and the suspension is unloaded.
2. Mark, for example with a piece of tape, a point immediately above the rear wheel axle.
3. Measure the distance from the marked point to a fixed point, for example the wheel axle. (R1)
4. Measure the distance from the bottom of the upper triple clamp to a fixed point, for example the front wheel axle. (F1)
5. Put the motorcycle on the ground so that the front and the rear suspensions are slightly compressed. Repeat the measuring procedures. (R2 and F2)
6. Sit on the motorcycle in normal riding position, properly outfitted in your riding gear. Repeat the measuring procedures. (R3 and F3)



## **Recommended Measures**

If no other recommendations are given in the Mounting Instructions follow the measures below:

### **Free sag (R1-R2), (F1-F2)**

Rear	30±10 mm
Front	30±15 mm

### **Ride height (R1-R3), (F1-F3)**

Rear	105±10 mm
Front	50±10 mm

## Step 2

### **Adjust spring preload**

1. If your measures differ significantly from the recommendations in the Mounting Instructions or from the table above, adjust the spring preload. (See section Spring Preload in this manual).
2. If the ride height still differs from the recommendations, you may need to change spring. Contact your Öhlins dealer for advise.

## **⚠ Warning!**

Incorrect spring rate may produce a fork angle that is too steep or too flat. This in turn will give a tendency for over- or understeering, which could seriously affect the handling characteristics of the motorcycle.