

Tube Defender installation

1. Place the Tube Defender inside of the tire as shown (fig. 1).

2. Once the Tube Defender has been placed completely inside the tire, find the place where both ends overlap in the tire. The Tube Defender comes long enough to fit most popular wheel sizes and will need to be trimmed to fit your exact application.

3. Using your fingers to gently push the ends of the tube defender away from each other, assuring a snug fit in the tire. Use a pen to place a mark on the Tube Defender at one end of the overlap (fig 3.).

4. Once you have your mark, you will need a ruler or caliper and a pen to measure and mark roughly ¼ inch or 7mm from the first line that you marked toward the end of the Tube Defender, this will be your cut point (fig. 4).

5. Use a sharp knife or scissors to make a straight, vertical cut on the line closest to the end of the Tube Defender (fig. 5).

6. Place the Tube Defender back into the tire so that the ends sit flush with one another (fig. 6).

7. Inflate your innertube just enough so that it holds shape and place it inside of the tire and tube defender. This will make installation easier and prevent pinching the tube.

8. Locate the valve hole on your rim and start the tire installation by pushing the valve through the hole.

9. Push the first bead of the tire down onto the rim by hand, being careful not to damage the tube in the process (Fig. 9a). If the tube seems to be in the way, push the tube into the Tube Defender as you go (Fig. 9b). Once you get to the last part of the bead, it may be necessary to use tire levers to finish. If so, just go slowly, taking small bites and be careful not to damage the tube by pinching it with the levers (fig 9c).

10. Once the first bead is mounted, continue with the second bead, pushing the tire on by hand at first, then using tire levers, if necessary, to push the last bit of the bead on. Cable ties are included with the kit to help keep the bead in place and free up your hands (fig 10a). Pushing the tire down into the center of the rim will help to keep the bead loose and installation easy (fig. 10b).
11. Inflate your tire to the proper pressure and go ride! Please visit www.flattiredefender.com for a detailed installation video and other useful information!

Figure 1



Figure 3



Figure 4



Figure 5



Figure 6

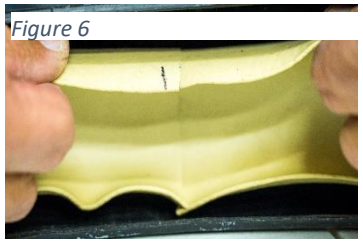


Figure 9a



Figure 9b



Figure 9c

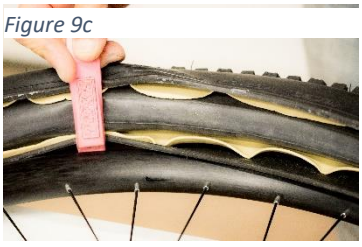


Figure 10a



Figure 10b

