

# TIPS FOR SUCCESSFULLY CHANGING TIRES USING THE BAJA NO PINCH TIRE TOOL

**Use the proper tools. You will need the following:**

- 3 or 4 quality tire irons for tire removal
- Baja No Pinch Tool for tire installation (note: you may also require the 17mm axle shaft or 25mm sleeve depending on the axle diameter of your wheel)
- wrench for the rim lock
- valve stem tool to remove valve stem
- talcum powder
- soapy water or Windex
- tire changing stand – helpful, but not necessary
- a warm tire (cold tires are very stiff and difficult to change)
- patience and practice

## **Installing the tire**

### **STEP ONE**

- inflate the inner tube just enough so that it has a slightly soft, round shape
- sprinkle talcum powder inside the tire or on the inner tube (this helps the inner tube slide into place)
- place the inner tube inside the tire
- pull valve stem out from tire enough to push stem up through the valve stem hole in the rim
- screw a valve stem nut or valve cap on a few threads so stem remains outside rim hole
- tuck the inner tube all the way around inside the tire
- push bottom bead of tire up into wheel channel at the valve stem while at the same time pushing down over the rim - the bottom tire bead will now be part way over the rim
- start using the No Pinch tire tool to push the tire bead the rest of the way over the rim. **Be sure that the Tool is fully inserted into the wheel axle opening. The red bracket should be touching the wheel when in use**
- guide the No Pinch tool bead push rod with one hand and pull on the tool handle with the other
- keep downward pressure on the bead push rod with your hand - pushing down hard on the bead push rod will keep the tool bracket in contact with the wheel hub and will help ensure that the tool is correctly pushing outward and not downward
- With the bead push rod against the tire, pull the handle back to push the tire over the rim. Start close to the point where the tire needs to go over the rim and push the tire over the rim an inch or two at a time. After every 2 or 3 pushes do the same on the opposite side.
- stop frequently and push the tire down on the rim to get the tire bead into the rim channel -**pushing down hard on the tire right behind where you are working with the No Pinch tire tool is the key (the stiffer the side wall, the more important this is)**
- continue until the bottom bead of the tire is completely over the rim

- Tip – this method saves having to squeeze your hands between the tire and the rim getting the valve stem into the rim hole later – it is already done

## STEP TWO

- turn the wheel 180 degrees so that the valve stem and rim lock are at the 12:00 position
- starting from the bottom (6:00 position), begin by pushing the tire under the rim - this takes a good push and on a very stiff tire you might have to start it using a tire iron
- make sure the tire bead drops all the way down into the channel in the center of the rim
- start using the No Pinch tool to push the tire over the rest of the rim. **Be sure that the Tool is fully inserted into the wheel axle opening. The red bracket should be touching the wheel when in use**
- guide the No Pinch tool bead push rod with one hand and pull on the tool handle with the other
- keep downward pressure on the bead push rod with your hand
- With the bead push rod against the tire, pull the handle back to push the tire over the rim. Start close to the point where the tire needs to go over the rim and push the tire over the rim an inch or two at a time. After every 2 or 3 pushes do the same on the opposite side.
- always stop after doing the above and push the tire down into the wheel center channel - **pushing down hard on the tire right behind where you are working with the No Pinch tire tool is the key (the stiffer the side wall, the more important this is)**
- do this from the bottom of the tire and work your way up on both sides to where the tire is still on top of the rim - this ensures that the bead is fully inside the center channel
- keep repeating while working toward the rim lock
- for very stiff side walls you can use some soapy water or Windex on the tire bead below where you are using the tool – this will give the tire a better chance of sliding into the center channel
- pushing down hard on the bead push rod will keep the tool bracket in contact with the wheel hub and will help ensure that the tool is correctly pushing outward and not downward
- make sure the rim lock is pushed up into the tire so the tire bead can slip under the rim
- tighten the rim lock
- inflate the tire while using soapy water or Windex to make sure the bead seats properly in the rim

## PRACTICE MAKES PERFECT

Installing a motorcycle tire requires a certain knack or technique. With patience and a few installed tires under your belt, you will become totally competent and independent when it comes to installing your motorcycle tires.