



# WDT P605-02 4.10-5 B-PR Tire Inner Tube Replacement

The guide will present the required steps to replace the inner tube (tube that holds the air pressure) in a WDT P605-02 4.10-5 B/PR Tire.

Written By: Denis



## INTRODUCTION

Many small tires use inner tubes which are tubes that hold the air pressure for the tire. It is common for inner tubes to leak air pressure or get punctured. Replacing the inner tube is easy. The process requires you to remove the tire from the rim, swap the old inner tube with a new inner tube, and then reassemble the tire to inflate it.

## TOOLS:

- [5/32 Hex Key \(1\)](#)
- [Portable Air Compressor \(1\)](#)

## Step 1 — Inner Tube



- Unscrew the valve cap from the valve stem.

## Step 2



- Press the valve all the way down with a screwdriver to release the air pressure.

## Step 3



- Use a 5/32 inch hex key to unscrew the 5/32 hex-head bolts that hold the rim halves together.
- *(i)* This step may differ depending on the type of rim. Some rims may require you to pry the rim out of the tire.

## Step 4



- Pull out the rim half that contained the heads of the bolts.

## Step 5



- Flip the tire so that the bottom side is on the top now.
- Pull out the bottom rim half that contains the nuts for the bolts.

## Step 6



- Pinch the deflated inner tube and pull out the inner tube completely.

## Step 7



- Don't forget to visually inspect outside of tire for foreign objects that may have punctured your original tube. Also feel around inside of tire carefully for such objects (nails, screws, wire, thorns, etc).

## Step 8



- Take the replacement inner tube and spread it out with your hands.

## Step 9



- Use two fingers to uniformly push the replacement inner tube into the inside of the tire.

## Step 10



- Spread the replacement inner tube evenly against the walls of the tire.
- *i* The inner tube must not be folded in half or crammed into only a portion of the tire.

## Step 11



- Gently pull out the valve stem so that it faces you. You may have to flip the tire to make it face you.
- Take the bottom rim half and partially push it into the bottom of the tire. The bottom rim half contains the nuts for the bolts.
- Align the valve stem cutout in the bottom rim half with the valve stem.
- Push the bottom rim half into the tire until the valve stem and rim touch.

## Step 12



- Locate the valve stem cutout on the top rim half.
- Align the valve stem cutout on the top rim half with the valve stem.
- Push the top rim half into the tire until the two rim halves touch.

## Step 13



- Insert all the bolts into the top rim half.
- Use a 5/32 inch hex key to screw the bolts in.

## Step 14



- Use an air compressor with a tire inflator attachment (or any car tire inflator) to inflate the tire.

**⚠** The pressure of the tire must not exceed 22PSI.

## Step 15



- Screw the valve cap onto the valve stem.

The tire is now ready to be attached to its axle.