



Disassembling Trek 820 Tire Removal from Wheel

This guide shows how to remove the tire from...

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INTRODUCTION

This guide shows how to remove the tire from the wheel of a Trek 820 bicycle. When diagnosing a tire that does not stay inflated, removing the tire allows for easier and more thorough inspection of the inner tube, sealing surfaces, and other potential damage. No special skills or tools are required, although purpose-made bicycle tire removal tools are available that may make the job easier. This guide will show how to remove the tire without any special tools.

TOOLS:

6-in-1 Screwdriver (1)

Step 1 — Tire



- Locate the valve stem and remove the valve stem cap if one is present.

Step 2



- Begin releasing tire air pressure by pressing down on the small rod in the center of the valve stem. A hissing sound will indicate that air is leaving the tire.
- Continue to release air until the tire becomes soft and flexible. The hissing sound should become quiet or stop altogether.

Step 3



- Insert the flathead screwdriver, or another sturdy, long object, between the edge of the tire and the wheel rim.

⚠ Be careful not to damage the inner tube when inserting and moving the screwdriver or other tool. The inner tube is fragile and may be pinched between the wheel rim and tool.

- Work the edge of the tire out of the wheel rim using a screwdriver, pulling the edge of the tire away from the center of the wheel and out of the rim.

Step 4



- Continue around the wheel rim until the whole tire is free from the rim. Now you may separate the tire from the wheel.

⚠ Be careful not to damage the valve stem as you pull the tire and inner tube off of the wheel rim together.

Step 5



- Remove the inner tube from the tire by simply pulling it from the tire carcass.

For tire reinstallation, simply follow these steps in reverse order.