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> IRC Tires T20031 225/250-16 TR4 TUBE Instruction Manual

IRC T20031

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Model: T20031

INTRODUCTION

This manual provides essential information for the proper installation, use, and maintenance of your IRC T20031 TR4 Tube. Designed for powersport applications, this tube ensures reliable performance when correctly fitted and cared for.



Image: The IRC T20031 TR4 Tube, shown alongside its blue and white packaging box. The tube is black, folded, and secured with a rubber band.

SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your IRC tube. Always consult your vehicle's service manual for specific tire and tube installation procedures.

Required Tools:

- Tire levers
- Valve stem tool
- Air compressor or pump
- Tire mounting lubricant (optional, but recommended)
- New tire (if replacing both)

Installation Steps:

1. **Remove Old Tire and Tube:** Deflate the old tube, remove the valve stem nut, and carefully pry the tire bead off the rim using tire levers. Remove the old tube.
2. **Inspect Rim and Tire:** Check the rim for any sharp edges, rust, or debris that could damage the new tube. Ensure the inside of the tire casing is clean and free of foreign objects.
3. **Insert New Tube:** Lightly inflate the new IRC tube just enough to give it shape. Insert the valve stem through the valve hole in the rim. Secure it loosely with the valve stem nut.
4. **Position Tube Inside Tire:** Carefully tuck the tube inside the tire casing, ensuring it is not pinched between the tire bead and the rim.
5. **Mount Tire:** Work one bead of the tire onto the rim. Then, starting opposite the valve stem, carefully work the second bead onto the rim, ensuring the tube is not pinched.
6. **Inflate:** Slowly inflate the tube to a low pressure (e.g., 5-10 PSI) to seat the tire beads. Check that the beads are evenly seated around the rim. Continue inflating to the recommended pressure for your tire and vehicle, as specified by the tire manufacturer or vehicle manual.
7. **Final Check:** Ensure the valve stem is straight and the tire is properly seated on the rim.

OPERATING CONSIDERATIONS

While a tube itself does not "operate" in the traditional sense, its performance is directly tied to proper inflation and usage conditions.

Tire Pressure:

Maintain the correct tire pressure as specified by your tire manufacturer and vehicle manual. Incorrect pressure can lead to premature wear, poor handling, and increased risk of punctures.

Regular Inspections:

Periodically inspect your tires and valve stems for signs of damage, cracks, or leaks. Address any issues promptly.

MAINTENANCE

Proper maintenance extends the life of your IRC tube and ensures safety.

- **Check Air Pressure Regularly:** Air pressure can fluctuate with temperature changes and natural permeation. Check pressure at least once a month, or before every ride for powersport vehicles.
- **Inspect Valve Stem:** Ensure the valve stem is not cracked or leaking. Replace valve caps to keep dirt and moisture out.
- **Avoid Overloading:** Do not exceed the maximum load capacity of your tires and vehicle, as this puts

excessive strain on the tube.

- **Storage:** If storing a vehicle for an extended period, ensure tires are properly inflated or consider lifting the vehicle to prevent flat spots.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Frequent Punctures	Underinflation, foreign object in tire, pinched tube during installation, worn tire.	Maintain correct pressure, inspect tire for embedded objects, re-install tube carefully, replace worn tire.
Air Leak at Valve Stem	Loose valve core, damaged valve stem, improper installation.	Tighten valve core, replace valve stem or tube, ensure correct installation.
Tire Goes Flat Quickly	Slow leak in tube, porous tire, damaged rim tape.	Locate and patch/replace tube, inspect tire for damage, replace rim tape.

SPECIFICATIONS

Brand: IRC

Model Number: T20031

Material: Rubber

Compatible Tire Size: 225/250-16 (Width: 225-250mm, Wheel Diameter: 16 inches)

Valve Type: TR4

Item Weight: Approximately 0.01 Ounces

Manufacturer: IRC Tires

WARRANTY INFORMATION

IRC products are manufactured to high standards. For specific warranty terms and conditions, please refer to the official IRC website or contact their customer service. Typically, tubes are covered against manufacturing defects for a limited period from the date of purchase.

CUSTOMER SUPPORT

For further assistance, technical questions, or to report an issue, please contact IRC customer support through their official website or authorized distributors. When contacting support, please have your product model number (T20031) and purchase details ready.

Official Website: www.irc-tire.com