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Mastercraft SRT Touring (Model 90000021130)

Mastercraft SRT Touring Radial Tire User Manual

Model: SRT Touring (90000021130)

1. PRODUCT OVERVIEW

The Mastercraft SRT Touring Radial Tire is engineered for reliable performance and comfort, designed for passenger cars. This tire features a symmetrical tread pattern for consistent handling and a construction optimized for year-round use. It provides a balance of ride comfort, low noise, and dependable traction in various conditions.



Image: The Mastercraft SRT Touring Radial Tire, showcasing its tread design and sidewall, mounted on a typical vehicle wheel.

2. SETUP AND INSTALLATION

Proper installation is crucial for tire performance and safety. It is highly recommended that tire installation be

performed by a certified professional technician using appropriate equipment.

2.1 Pre-Installation Checks

- Verify that the tire size (215/55R17) and load/speed rating (94V) match your vehicle's specifications as recommended by the vehicle manufacturer.
- Inspect the tire for any shipping damage or manufacturing defects before mounting.
- Ensure the wheel rim is clean, undamaged, and compatible with the tire size.

2.2 Mounting and Balancing

- Mount the tire onto the wheel using proper tire mounting equipment to avoid damage to the tire bead or rim.
- Balance the tire and wheel assembly using a calibrated balancing machine. Proper balancing minimizes vibrations and ensures even tread wear.

2.3 Inflation

- Inflate the tire to the vehicle manufacturer's recommended cold inflation pressure, typically found on a placard in the vehicle's door jamb, glove compartment, or owner's manual. **Do not exceed the maximum inflation pressure molded on the tire sidewall.**
- Check tire pressure with a reliable gauge when tires are cold (driven less than one mile).

3. OPERATING GUIDELINES

Adhering to these guidelines will help ensure optimal performance and longevity of your Mastercraft SRT Touring tires.

3.1 Speed Rating

This tire has a speed rating of 'V', indicating it is designed for speeds up to 149 mph (240 km/h) under specified conditions. Always adhere to legal speed limits and adjust driving speed to road and weather conditions.

3.2 Load Capacity

The tire has a load index of 94, meaning it can support a maximum load of 1477 pounds (670 kg) when properly inflated. Do not exceed the maximum load capacity of the tire or your vehicle's Gross Vehicle Weight Rating (GVWR).

3.3 Driving Conditions

The Mastercraft SRT Touring tire is designed for year-round performance. While it offers good traction in various conditions, exercise caution and adjust driving style in severe weather, such as heavy snow or ice.

4. MAINTENANCE

Regular maintenance is essential for maximizing tire life, ensuring safety, and maintaining vehicle performance.

4.1 Tire Pressure

- Check tire pressure monthly, or before long trips, using an accurate tire pressure gauge.
- Maintain the pressure recommended by your vehicle manufacturer, not the maximum pressure on the tire sidewall.

- Under-inflation can lead to excessive heat buildup, premature wear, and reduced fuel efficiency. Over-inflation can lead to a harsher ride, reduced traction, and uneven wear.

4.2 Tire Rotation

Rotate your tires every 5,000 to 7,500 miles (8,000 to 12,000 km) or as recommended by your vehicle manufacturer. Regular rotation helps promote even tread wear across all four tires.





Image: A top-down view of the Mastercraft SRT Touring tire's symmetrical tread pattern, highlighting the grooves and sipes designed for traction.

4.3 Tread Depth

- Regularly inspect tread depth. The legal minimum tread depth is 2/32 inch (1.6 mm).
- Tires have built-in tread wear indicators (small bars across the tread grooves) that become flush with the tread surface when the tire reaches 2/32 inch.



Image: A close-up view of the Mastercraft SRT Touring tire's tread, illustrating the tread wear indicators located within the main grooves.

4.4 Wheel Alignment

Have your vehicle's wheel alignment checked periodically, especially if you notice uneven tire wear, steering pull, or after hitting a significant pothole. Proper alignment prevents irregular wear and improves handling.

5. TROUBLESHOOTING COMMON ISSUES

This section addresses common tire-related issues you might encounter.

5.1 Uneven Tread Wear

- **Cause:** Improper inflation, misaligned wheels, unbalanced tires, or worn suspension components.
- **Solution:** Check and adjust tire pressure, perform wheel alignment, balance tires, and inspect suspension.

5.2 Vibrations or Shaking

- **Cause:** Unbalanced tires, bent rim, tire damage, or worn suspension/steering components.
- **Solution:** Have tires re-balanced, inspect rims for damage, check for tire damage (bulges, separations), and inspect vehicle's suspension.

5.3 Slow Air Loss

- **Cause:** Puncture, leaky valve stem, damaged rim, or bead leak.
- **Solution:** Inspect tire for punctures, check valve stem, and have a professional inspect the tire and rim for leaks. Do not drive on a significantly underinflated tire.

6. SPECIFICATIONS

Key technical specifications for the Mastercraft SRT Touring Radial Tire (215/55R17 94V).

Specification	Value
Brand	Mastercraft
Model	SRT Touring
Size	215/55R17
Load Index	94 (1477 Pounds)
Speed Rating	V (149 mph / 240 km/h)
Section Width	215 Millimeters
Tread Depth	10 32nds
Tread Type	Symmetrical
Ply Rating	4-Ply
Rim Width	7 Inches
Tire Diameter	26 inches
Item Weight	23 Pounds
UPC	029142810162
Manufacturer Part Number	90000021130
UTQG	440AA
Seasons	Year Round

7. WARRANTY INFORMATION

Specific warranty terms and conditions for Mastercraft tires are provided by the manufacturer. Please refer to the official Mastercraft website or the warranty documentation included with your tire purchase for detailed information.

regarding treadwear warranties, limited warranties, and any applicable road hazard coverage. Keep your purchase receipt as proof of ownership.

8. CUSTOMER SUPPORT

For further assistance, technical questions, or warranty claims, please contact Mastercraft customer support directly. You can typically find contact information on the official Mastercraft Tires website or through your authorized Mastercraft tire dealer.

- **Mastercraft Official Website:** www.mastercrafttires.com (*Note: This is a placeholder URL, please refer to actual manufacturer website.*)
- **Authorized Dealer:** Consult the dealer where you purchased the tires.

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