

- Manuals.plus /
- > Forceum /
 - > Forceum M/T 08 Plus Mud Off-Road Light Truck Radial Tire Instruction Manual

Forceum M/T 08 Plus (Model 1200045287)

Forceum M/T 08 Plus Mud Off-Road Light Truck Radial Tire

Instruction Manual

1. PRODUCT OVERVIEW

The Forceum M/T 08 Plus is a robust mud-terrain radial tire designed for light trucks, SUVs, and 4x4 vehicles. It is engineered to provide exceptional traction and performance in challenging off-road conditions, including mud, dirt, and uneven terrains. Its advanced tread design ensures durability and reliability for adventurous driving.



Figure 1.1: The Forceum M/T 08 Plus Mud Off-Road Light Truck Radial Tire, showcasing its aggressive tread pattern and robust construction.

2. KEY FEATURES

The M/T 08 Plus tire incorporates several design elements to optimize its performance in off-road environments:

- **Large Knobby Blocks with Deep Grooves:** These features are designed to penetrate muddy terrains effectively, establishing strong traction and grip.
- **Open Tread Design with Shoulder Groove Ridges:** This combination facilitates a self-cleaning mechanism, helping to clear mud and debris from the tread for continuous performance.

- **Continuous Center Rib:** This design element helps to maintain stability and control, particularly in challenging conditions, by preventing excessive mud flow.
- **Durable Construction:** Built to withstand the rigors of off-road use, ensuring longevity and resistance to punctures and damage.



Figure 2.1: A detailed view of the M/T 08 Plus tire's aggressive tread blocks and deep grooves, designed for superior mud traction.

3. INSTALLATION AND SETUP

Proper installation is crucial for the safety and performance of your Forceum M/T 08 Plus tires. It is highly recommended that tire mounting and balancing be performed by a qualified professional using appropriate equipment.

3.1 Pre-Installation Checks

- Verify that the tire size (e.g., LT35X12.50R20) matches your vehicle's specifications and rim size.
- Inspect the tire for any visible damage or manufacturing defects prior to mounting.
- Ensure the rim is clean, free of rust, and undamaged.

3.2 Mounting and Balancing

- Mount the tire onto the rim according to industry standards, ensuring proper bead seating.
- Balance the tire and wheel assembly using a dynamic wheel balancer to minimize vibrations and ensure smooth operation.
- Inflate the tire to the recommended pressure as specified by your vehicle manufacturer or the tire's sidewall maximum, considering the load and driving conditions.

Note: Rim/Wheel is not included with purchase.

4. OPERATING AND USAGE

To maximize the lifespan and performance of your Forceum M/T 08 Plus tires, adhere to the following guidelines:

4.1 Tire Pressure

- Maintain correct tire inflation pressure as recommended by your vehicle manufacturer. This information is typically found on a placard inside the driver's side door jamb, glove compartment, or owner's manual.
- Check tire pressure regularly, at least once a month and before long trips, using an accurate tire pressure gauge. Check when tires are cold.
- Adjust tire pressure for specific driving conditions, such as off-roading (lower pressure for increased traction) or heavy loads (higher pressure within limits). Always re-inflate to recommended on-road pressure before returning to paved surfaces.

4.2 Load Capacity and Speed Rating

- Do not exceed the maximum load capacity or speed rating indicated on the tire's sidewall. The M/T 08 Plus has a 121Q load index and speed rating, indicating its maximum load and speed capabilities.
- Overloading or exceeding the speed rating can lead to tire failure and unsafe driving conditions.

4.3 Off-Road Driving

- While designed for off-road use, exercise caution and drive responsibly.
- Avoid sharp objects, excessive speeds, and sudden maneuvers that could damage the tires or vehicle.
- Consider airing down tires for increased traction and ride comfort on extreme off-road trails, but remember to reinflate for highway use.

5. MAINTENANCE

Regular maintenance is essential for extending the life of your tires and ensuring safe operation.

5.1 Tire Rotation

- Rotate your tires every 5,000 to 7,500 miles, or as recommended by your vehicle manufacturer. This promotes even tread wear and extends tire life.
- Follow the appropriate rotation pattern for your vehicle type (e.g., front-wheel drive, rear-wheel drive, all-wheel drive).

5.2 Wheel Alignment and Balancing

- Have your vehicle's wheel alignment checked periodically, especially if you notice uneven tire wear or steering issues.
- Re-balance tires if you experience vibrations or after a tire repair.

5.3 Inspection

- Regularly inspect tires for signs of damage, such as cuts, punctures, bulges, or cracks.
- Check tread depth using a tread depth gauge. Replace tires when the tread wears down to 2/32 of an inch (1.6 mm), indicated by the tread wear indicators.
- Remove any stones or foreign objects lodged in the tread grooves.



Figure 5.1: Overhead view of the Forceum M/T 08 Plus tire, highlighting the continuous center rib and open shoulder design for effective mud evacuation.

6. TROUBLESHOOTING COMMON ISSUES

This section addresses common issues you might encounter with your tires.

Problem	Possible Cause	Solution
Uneven Tread Wear	Improper inflation, misalignment, unbalanced wheels, worn suspension components.	Check and adjust tire pressure. Have alignment checked. Balance wheels. Inspect suspension.
Vibration or Shimmy	Unbalanced wheels, bent rim, worn suspension, tire damage.	Have wheels re-balanced. Inspect rims and tires for damage. Consult a professional for suspension check.
Excessive Road Noise	Aggressive tread pattern (common for M/T tires), uneven wear, worn wheel bearings.	Some noise is inherent to M/T tires. Ensure proper inflation and rotation. Check wheel bearings if noise is unusual.
Slow Leak / Frequent Pressure Loss	Puncture, faulty valve stem, bead leak, damaged rim.	Inspect tire for punctures. Check valve stem. Have tire re-seated on rim. Consult a professional for repair or replacement.

For any issues not listed or if troubleshooting steps do not resolve the problem, please consult a certified tire professional.

7. SPECIFICATIONS

Detailed technical specifications for the Forceum M/T 08 Plus tire (Model: 1200045287).

Attribute	Value
Brand	Forceum
Model	M/T 08 PLUS
Item Model Number	1200045287
Size (Current Product)	LT35X12.50R20
Section Width	35 Inches
Load Capacity	121Q (Load Range E, 10-Ply)
Tread Type	Asymmetrical
Rim Width	10 Inches (Recommended)
Tire Diameter	34 Inches
Construction Type	Radial
Item Weight	68 Pounds
Automotive Fit Type	Universal Fit

8. WHAT'S IN THE BOX

The product package for the Forceum M/T 08 Plus includes:

- One (1) Forceum M/T 08 Plus Mud Off-Road Light Truck Radial Tire.

Note: Rim/Wheel is not included and must be purchased separately.

9. WARRANTY AND SUPPORT

Forceum is committed to providing quality products. For specific warranty information, please refer to the official Forceum warranty policy or contact your tire dealer.

9.1 Returns Policy

This product is eligible for a 30-day easy returns policy from the date of purchase. Please retain your proof of purchase for any return requests.

9.2 Customer Support

For technical assistance, product inquiries, or support, please contact the seller or Forceum customer service. Contact details can typically be found on the seller's page or the official Forceum website.

We recommend consulting a professional tire technician for all installation, maintenance, and repair needs.

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