Ford FR3Z-1K007-C

Ford Mustang Spare Wheel Tire Kit User Manual

Model: FR3Z-1K007-C

Introduction

This manual provides essential information for the proper use, installation, and maintenance of your OEM Ford Spare Wheel Tire Kit. Designed specifically for select Ford Mustang models, this kit ensures you are prepared for unexpected tire issues, offering a reliable solution for roadside emergencies.

The kit is engineered to fit securely in the designated spare tire well of compatible vehicles, providing peace of mind for your journeys.

Safety Information

Always prioritize safety when working with your vehicle. Failure to follow these guidelines can result in serious injury or damage to the vehicle.

- **Park on a Firm, Level Surface:** Ensure your vehicle is on stable, level ground away from traffic. Avoid soft ground, steep inclines, or uneven surfaces.
- **Engage Parking Brake:** Always apply the parking brake firmly before attempting to lift the vehicle.
- **Use Wheel Chocks:** Place wheel chocks or sturdy blocks in front of and behind the tire diagonally opposite to the one being changed to prevent the vehicle from rolling.
- **Never Get Under a Jacked Vehicle:** Do not place any part of your body under a vehicle that is supported only by a jack. Use jack stands if extended work is required.
- **Proper Jack Placement:** Ensure the jack is placed only on the designated jacking points of your vehicle's frame, as indicated in your vehicle's owner's manual. Improper placement can cause vehicle damage or instability.
- **Do Not Exceed Capacity:** The provided jack is designed for the weight of your Ford Mustang. Do not use it to lift heavier vehicles or for purposes other than tire changing.
- **Keep Hands Clear:** Keep hands and fingers clear of moving parts of the jack and lug wrench during operation.

Components

Your Ford Spare Wheel Tire Kit includes the following genuine OEM components:



This image displays all the components included in the kit: the spare wheel and tire assembly, the scissor jack, and the lug wrench/jack tool. These items are designed to fit securely in the vehicle's trunk well.

- **One (1) Spare Wheel & Tire:** An 18 x 5.0 aluminum wheel with a mounted temporary-use tire and valve stem.
- **One (1) Scissor Jack:** A compact, robust jack designed for lifting your vehicle safely.
- **One (1) Jack Tool/Lug Wrench with Storage Bag:** A multi-purpose tool used for operating the jack and loosening/tightening lug nuts.

Setup & Installation (Kit Storage)

This kit is designed for secure storage in the designated spare tire well of compatible Ford Mustang models (2015 and newer, without Brembo calipers or 67G Performance Package).

1. **Locate Spare Tire Well:** Open your vehicle's trunk and lift the carpeted floor cover to expose the spare tire well.
2. **Place Spare Tire:** Carefully place the spare wheel and tire into the well, ensuring it sits flat and centered.
3. **Position Tools:** Place the scissor jack and lug wrench within the wheel's center hub or any designated storage areas within the well. The storage bag helps keep them organized and prevents rattling.

4. **Secure Kit:** Utilize any factory-provided hold-down mechanisms (e.g., a threaded bolt and wing nut) to firmly secure the spare tire and tools in place. This prevents movement and noise during driving.
5. **Replace Floor Cover:** Ensure the trunk floor cover sits flush and securely over the installed kit.

Operating Instructions: Changing a Tire

In the event of a flat tire, follow these steps to safely replace it with your spare using the provided kit.

1. **Find a Safe Location:** Pull over to a safe, level area away from traffic. Turn on your hazard lights.
2. **Prepare the Vehicle:** Engage the parking brake. If your vehicle has an automatic transmission, shift to 'Park' (P). For manual transmission, shift to 'Reverse' (R) or 'First' (1). Place wheel chocks around the tire diagonally opposite the flat tire.
3. **Access the Spare Tire Kit:** Retrieve the spare tire, jack, and lug wrench from your trunk.
4. **Loosen Lug Nuts:** Before jacking up the vehicle, use the lug wrench to slightly loosen the lug nuts on the flat tire. Turn them counter-clockwise about a quarter to half turn. Do not remove them completely yet.
5. **Position the Jack:** Refer to your vehicle's owner's manual to locate the correct jacking point nearest to the flat tire. Position the scissor jack firmly under this point.
6. **Raise the Vehicle:** Insert the jack tool into the scissor jack's mechanism. Turn the tool clockwise to raise the vehicle until the flat tire is completely off the ground and the spare tire can be easily installed. Ensure the vehicle is stable.
7. **Remove the Flat Tire:** Fully unscrew the lug nuts and carefully remove the flat tire. Place it flat on the ground away from your work area.
8. **Install the Spare Tire:** Align the spare tire with the wheel studs and carefully slide it onto the hub. Hand-tighten the lug nuts until they are snug.
9. **Lower the Vehicle:** Turn the jack tool counter-clockwise to slowly lower the vehicle until the spare tire is resting on the ground, but the full weight is not yet on it.
10. **Tighten Lug Nuts:** With the vehicle partially lowered, use the lug wrench to tighten the lug nuts in a star pattern (crisscross) to ensure even pressure. Lower the vehicle completely and remove the jack. Give the lug nuts a final tightening with full force.
11. **Store Flat Tire and Tools:** Place the flat tire in the trunk well (if space allows) and secure it. Store the jack and lug wrench back in their designated spots.
12. **Check Spare Tire Pressure:** Drive to the nearest service station and check the air pressure of the newly installed spare tire. Temporary spare tires often require higher pressure (e.g., 60 PSI). Have your flat tire repaired or replaced as soon as possible.

Maintenance

Regular maintenance ensures your spare tire kit is ready for use when needed and prolongs its lifespan.

- **Check Tire Pressure:** Inspect the spare tire pressure at least once a month, or before any long trip. The recommended pressure for temporary spare tires is typically higher than regular tires (e.g., 60 PSI). Refer to the tire's sidewall for specific pressure recommendations.
- **Inspect Tire Condition:** Periodically check the spare tire for any signs of damage, cracks, dry rot, or excessive wear. Even if unused, tires can degrade over time.
- **Inspect Jack and Tools:** Ensure the scissor jack and lug wrench are clean, free of rust, and in good working order. Lubricate the jack's screw mechanism periodically with a light grease or oil to ensure smooth operation.
- **Secure Storage:** Verify that all components of the kit are securely stored in the trunk to prevent rattling, damage, or

shifting during vehicle movement.

Troubleshooting

This section addresses common issues you might encounter with your spare tire kit.

Issue	Possible Cause / Solution
Spare tire does not fit in trunk well.	Verify vehicle compatibility. This kit is designed for 2015+ Ford Mustang models without Brembo calipers or the 67G Performance Package. Ensure no obstructions are in the well.
Jack slips during use.	Ensure the vehicle is on a firm, level surface. Confirm the jack is placed correctly on the vehicle's designated jacking point as per your vehicle's owner's manual.
Lug nuts are too tight to loosen.	Apply more force to the lug wrench. You can use your foot to press down on the wrench handle, but avoid jumping on it. Do not use extensions or impact tools unless specified, as this can damage the lug nuts or studs.
Spare tire loses air pressure quickly.	Check the valve stem for leaks. Inspect the tire for punctures or damage. Ensure the tire bead is properly seated on the rim. Inflate to the correct PSI.

Specifications

Key specifications for the OEM Ford Spare Wheel Tire Kit:

Specification	Detail
Brand	Ford
Model Number	FR3Z-1K007-C
Manufacturer Part Number	FR3Z-1K007-C
Item Weight	44.9 pounds
Package Dimensions	25.9 x 25.6 x 13.5 inches
UPC	706302290315
Vehicle Service Type	Ford Mustang (2015+ without Brembo/Performance Package)
Wheel Size	18 x 5.0 inches (aluminum)

Warranty & Support

This OEM Ford Spare Wheel Tire Kit is covered by Ford's standard parts warranty. For specific warranty details, including coverage period and terms, please refer to your vehicle's owner's manual or contact an authorized Ford dealership.

For technical support, installation assistance, or any inquiries regarding your spare tire kit, please contact your original

point of purchase or an authorized Ford service center. Ensure you have your vehicle's VIN and the kit's model number (FR3Z-1K007-C) available when seeking support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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