

Goodyear Eagle F1 SuperCar 3

Goodyear Eagle F1 SuperCar 3 Tire Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, usage, and maintenance of your Goodyear Eagle F1 SuperCar 3 tire. Adhering to these guidelines will help ensure optimal performance, safety, and longevity of your tires. The Eagle F1 SuperCar 3 is an ultra-high performance tire designed for exceptional handling and grip in both wet and dry conditions.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Combination Grip Technology:** Engineered for superior grip and enhanced cornering capabilities.
- **Lightweight, Racing-Style Construction:** Contributes to enhanced steering precision and responsiveness.
- **Special Rubber Compound:** Designed for improved temperature stability, maintaining performance under varying conditions.
- **Asymmetrical Tread Pattern:** Optimizes contact patch for superior acceleration and shorter braking distances on wet and dry surfaces.
- **Full Depth Sipes and Circumferential Grooves:** Facilitate water expulsion from the contact patch, improving hydroplaning resistance in wet conditions.
- **Large Centerline Rib and Outer Block:** Provide superb cornering stability and dry handling.

2.2 What's Included

- One (1) Goodyear Eagle F1 SuperCar 3 Tire



Figure 1: Goodyear Eagle F1 SuperCar 3 tire, mounted on a wheel.

3. SETUP AND INSTALLATION

Proper installation is crucial for tire performance and safety. It is highly recommended that tire mounting and balancing be performed by a qualified professional using appropriate equipment.

3.1 Mounting

- Ensure the tire size and specifications match your vehicle's requirements.
- Inspect the wheel for damage or corrosion before mounting.
- Use proper lubrication on the tire beads and wheel rim during mounting to prevent damage.
- Follow manufacturer guidelines for mounting direction, especially for asymmetrical or directional tires.

The Eagle F1 SuperCar 3 features an asymmetrical tread pattern.

3.2 Balancing

- After mounting, tires must be balanced to prevent vibrations and ensure even wear.
- Use a high-quality wheel balancing machine.

3.3 Inflation

- Inflate tires to the vehicle manufacturer's recommended pressure, typically found on a placard inside the driver's side door jamb or in the owner's manual. **Do not exceed the maximum pressure listed on the tire sidewall.**
- Check tire pressure when tires are cold (before driving).
- The maximum pressure for this tire is 51 PSI.





Figure 2: Top-down view of the Eagle F1 SuperCar 3 asymmetrical tread pattern.

4. OPERATING AND USAGE

4.1 Break-in Period

New tires require a break-in period of approximately 500 miles (800 km) to allow the components to settle and mold release compounds to wear off. During this period, avoid sudden acceleration, hard braking, and aggressive cornering.

4.2 Driving Considerations

- **Wet Conditions:** While designed for excellent wet grip, reduce speed and increase following distance in rain or on wet roads. Hydroplaning can occur if water cannot be effectively dispersed.
- **Dry Conditions:** These tires offer superb dry handling and cornering. However, always drive within legal speed limits and safe operating conditions.
- **Temperature:** Ultra-high performance tires are optimized for warmer temperatures. Performance may be reduced in near-freezing conditions.

5. MAINTENANCE

Regular maintenance extends tire life and ensures consistent performance.

5.1 Tire Pressure

- Check tire pressure monthly, or before long trips, using an accurate gauge.
- Maintain pressures as recommended by your vehicle manufacturer.

5.2 Tire Rotation

- Rotate tires every 5,000 to 7,500 miles (8,000 to 12,000 km) or as recommended by your vehicle

manufacturer to promote even wear.

- Consult your vehicle owner's manual for the appropriate rotation pattern.

5.3 Inspection

- Regularly inspect tires for signs of damage, such as cuts, punctures, bulges, or cracks.
- Check tread depth. Replace tires when tread depth reaches 2/32 inch (1.6 mm), indicated by tread wear indicators.
- Remove any stones or debris lodged in the tread grooves.

5.4 Cleaning and Storage

- Clean tires with mild soap and water. Avoid harsh chemicals or petroleum-based products.
- If storing tires, keep them in a cool, dry place away from direct sunlight, heat sources, and ozone-generating equipment.



Figure 3: Full side view of the Eagle F1 SuperCar 3 tire.

6. TROUBLESHOOTING

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

6.1 Uneven Tire Wear

- **Cause:** Improper inflation, misalignment, worn suspension components, or lack of rotation.
- **Solution:** Check and adjust tire pressure, have wheel alignment inspected, check suspension, and ensure regular tire rotation.

6.2 Vibration

- **Cause:** Unbalanced wheels, bent rim, tire damage, or worn suspension parts.
- **Solution:** Have tires re-balanced, inspect wheels and tires for damage, and check suspension components.

6.3 Loss of Air Pressure

- **Cause:** Puncture, leaky valve stem, damaged rim, or bead leak.
- **Solution:** Inspect the tire, valve stem, and rim for damage. Seek professional repair for punctures or leaks.

7. SPECIFICATIONS


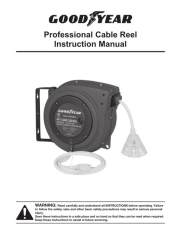


Specification	Value
Brand	Goodyear
Model	Eagle F1 SuperCar 3
Size	305/30R20
Section Width	305 Millimeters
Load Capacity	1700 Pounds
Tread Depth	7/32nds
Tread Type	Asymmetrical
Maximum Pressure	51 Pound per Square Inch
Rim Width	11 Inches
Tire Diameter	27.2 Inches
Item Weight	30.3 Pounds
Load Range	SL
UPC	697662130659
Construction Type	Radial
OEM Part Number	797789523
UTQG	220AAA



8. WARRANTY AND SUPPORT

For information regarding the warranty coverage for your Goodyear Eagle F1 SuperCar 3 tires, please refer to

the official Goodyear warranty documentation provided at the point of purchase or visit the official Goodyear website. For technical support, service inquiries, or any questions not covered in this manual, please contact Goodyear customer service directly.

Related Documents - Eagle F1 SuperCar 3

	<p>Goodyear Blimp Ride-On Toy Assembly and Safety Instructions</p> <p>Comprehensive assembly instructions and safety guidelines for the Goodyear Blimp ride-on toy, suitable for children aged 12+ months. Includes parts list, step-by-step assembly, and battery handling information.</p>
	<p>Goodyear Professional Cable Reel Instruction Manual</p> <p>Instruction manual for the Goodyear Professional Cable Reel, covering safety regulations, technical details, installation, operation, maintenance, troubleshooting, and warranty information. Includes model numbers 63313134G, 63313132G, and 63313156G.</p>
	<p>Manual de Usuario Compresor de Aire Goodyear GY2248CD/GY2508CD Series</p> <p>Guía completa de usuario para los compresores de aire Goodyear modelos GY2248CD, GY2248CDS, GY2248CDH, GY2508CD, GY2508CDS, GY2508CDH. Incluye instrucciones de seguridad, montaje, operación, mantenimiento y solución de problemas.</p>
	<p>Goodyear Steel Spring Driven Reel Instruction Manual</p> <p>This instruction manual provides detailed information on the safe operation, installation, and maintenance of Goodyear Steel Spring Driven Reels, including models L820153G, L820154G, M820154G, and H820152G. It covers general safety regulations, technical specifications, installation procedures, operation guidelines, and parts lists.</p>

<div data-bbox="118 120 309 358"><p>INSTALLATION MANUAL MANUEL D'INSTALLATION MANUAL DE INSTALACIÓN</p><p>EN AIR WINDOW DEFLECTORS Before installing the deflectors, please read the manual. To ensure installation of deflectors can cause damage to fabric.</p><p>FR MANIPULATEURS DE VENTILLES LATÉRALES Avant d'installer les déflecteurs, veuillez lire attentivement le manuel. Une installation incorrecte des déflecteurs peut causer des dommages au tissu.</p><p>ES IMPACTORES PARA VENTANILLAS LATERALES Antes de instalar el deflector, por favor consulte el manual de instrucciones. Una instalación incorrecta de los deflectores puede causar daños al tejido.</p><p>1</p></div>	<div data-bbox="341 174 957 206">Goodyear Side Window Deflectors Installation Manual</div> <div data-bbox="341 215 1420 286"><p>Comprehensive installation guide for Goodyear side window deflectors, covering front and rear installation for vehicles. Includes safety warnings and step-by-step instructions.</p></div>
<div data-bbox="118 405 309 678"><p>GY 09ATK AIR HAMMER KIT KIT DE MARTILLO NEUMÁTICO KIT DE MARTILLO PNEUMÁTICO KIT MARTILLO PNEUMATICO KIT MARTILLO PNEUMATICO DEFLECTOR HAMMER KIT</p><p>1. Manual de Instrucciones 2. Manual de usuario 3. Manual de instalación</p><p>4. Manual de usuario 5. Manual de instalación 6. Manual de usuario</p></div>	<div data-bbox="341 470 946 501">Goodyear GY09ATK - Manual del Martillo Neumático</div> <div data-bbox="341 510 1445 622"><p>Manual de usuario completo para el kit de martillo neumático Goodyear GY09ATK. Incluye guías esenciales para un funcionamiento seguro, montaje, mantenimiento y solución de problemas. Asegure el rendimiento óptimo y la longevidad de su herramienta.</p></div>