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DUNLOP Sp Sport 7000 A/S P235/50R19 99V

Dunlop Sp Sport 7000 A/S TL Radial Tire User Manual

Model: P235/50R19 99V

INTRODUCTION

This manual provides essential information for the safe and effective use of your Dunlop Sp Sport 7000 A/S TL Radial tire. Please read these instructions carefully before installation and during the lifespan of the tire to ensure optimal performance and safety. Proper installation, maintenance, and usage are crucial for tire longevity and vehicle safety.

SETUP AND INSTALLATION

The installation of tires requires specialized equipment and expertise. It is strongly recommended that the Dunlop Sp Sport 7000 A/S TL Radial tire be installed by a qualified professional tire technician.

Pre-Installation Checks:

- **Vehicle Compatibility:** Ensure the tire size P235/50R19 99V matches your vehicle manufacturer's specifications. Refer to your vehicle's owner's manual or tire placard.
- **Rim Condition:** Inspect the wheel rim for any damage, corrosion, or deformation that could affect tire seating or air retention.
- **New Valve Stems:** Always install new valve stems when mounting new tires to prevent air leaks.

Mounting Procedure:

1. Clean the tire bead and rim surfaces.
2. Lubricate the tire beads and rim flanges with an approved tire mounting lubricant.
3. Mount the tire onto the rim using appropriate tire mounting equipment, ensuring the tire's rotation direction (if indicated) is correct.
4. Inflate the tire slowly to the recommended pressure, ensuring both beads seat properly. Do not exceed 40 PSI (2.75 bar) to seat beads unless specified otherwise by the tire manufacturer.
5. Balance the tire and wheel assembly using a calibrated balancing machine to prevent vibrations.



Figure 1: Side view of the Dunlop Sp Sport 7000 A/S tire, illustrating the sidewall and tread design. This view helps in identifying tire specifications and proper mounting orientation.

OPERATING GUIDELINES

Adhering to proper operating guidelines is essential for tire performance, safety, and longevity.

Tire Inflation Pressure:

- Maintain the inflation pressure recommended by your vehicle manufacturer, not the maximum pressure listed on the tire sidewall. This information is typically found on a placard inside the driver's side door jamb, glove compartment, or fuel filler door.
- Check tire pressure at least once a month and before long trips, using an accurate tire gauge. Check when tires are cold (driven less than one mile).
- Under-inflation can lead to excessive heat buildup, irregular wear, and potential tire failure. Over-inflation can reduce traction, ride comfort, and accelerate center tread wear.

Load and Speed Ratings:

- The Dunlop Sp Sport 7000 A/S P235/50R19 99V has a load index of 99 (1709 lbs per tire) and a speed rating of V (up to 149 mph or 240 km/h). Do not exceed these limits.
- Never overload your vehicle. Refer to your vehicle's owner's manual for maximum load capacity.

Driving Conditions:

- This is an All-Season (A/S) tire, designed to provide good performance in various weather conditions, including light snow. However, it is not a dedicated winter tire and may not offer optimal performance in severe winter conditions.
- Adjust driving speed and style to suit road conditions, especially in wet or slippery environments.



Figure 2: Detailed view of the asymmetrical tread pattern of the Dunlop Sp Sport 7000 A/S tire. This design contributes to its all-season performance and handling characteristics.



Figure 3: The Dunlop tire installed on a vehicle, showcasing its integration and aesthetic on a wheel.

MAINTENANCE

Regular maintenance is crucial for maximizing the lifespan and safety of your Dunlop tires.

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. This promotes even wear across all four tires.

Tread Depth Inspection:

- Regularly inspect tread depth. The Dunlop Sp Sport 7000 A/S has a tread depth of 10/32nds when new.
- Tires have built-in tread wear indicators (small bars molded into the tread grooves). When the tread wears down to these bars (typically 2/32nds of an inch), the tire should be replaced.

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 notice vibrations, especially after a tire repair or rotation.

Visual Inspection:

- Inspect tires for cuts, punctures, bulges, cracks, or any other signs of damage. If damage is found, have the tire inspected by a professional immediately.
- Remove any foreign objects (stones, nails) lodged in the tread grooves.

Tire Storage:

- If storing tires, keep them in a cool, dry, dark place away from direct sunlight, heat sources, and ozone-generating

equipment (e.g., electric motors).

TROUBLESHOOTING

This section addresses common tire-related issues and their potential causes.

Issue: Rapid or Uneven Tread Wear

- **Cause:** Incorrect tire pressure (under or over-inflation), improper wheel alignment, unbalanced tires, worn suspension components, aggressive driving.
- **Solution:** Check and adjust tire pressure regularly. Have wheel alignment and tire balancing checked by a professional. Inspect suspension components.

Issue: Vehicle Vibration

- **Cause:** Unbalanced tires, bent rim, tire damage (e.g., bulge), worn suspension parts.
- **Solution:** Have tires re-balanced. Inspect rims and tires for damage. Consult a mechanic for suspension inspection.

Issue: Tire Losing Air Pressure

- **Cause:** Puncture, faulty valve stem, leaky rim, bead leak, temperature changes.
- **Solution:** Inspect tire for punctures. Have valve stem and rim checked. Note that tires naturally lose some pressure over time and with temperature drops.

For any persistent or severe issues, always consult a qualified tire professional or mechanic.

SPECIFICATIONS

Key technical specifications for the Dunlop Sp Sport 7000 A/S TL Radial tire, P235/50R19 99V.

Feature	Specification
Brand	DUNLOP
Model	Sp Sport 7000 A/S
Size	P235/50R19 99V
Section Width	235 Millimeters
Tire Aspect Ratio	50.0
Rim Size	19 Inches
Load Index	99 (1709 Pounds)
Speed Rating	V (up to 149 mph / 240 km/h)
Tread Depth	10 32nds
Tread Type	Asymmetrical
Construction Type	Radial

Feature	Specification
Maximum Pressure	51 Pound per Square Inch
Item Weight	26.6 Pounds
UPC / GTIN	697662091561
Manufacturer Part Number	118000286

WARRANTY AND SUPPORT

For information regarding the manufacturer's warranty for your Dunlop Sp Sport 7000 A/S TL Radial tire, please refer to the official Dunlop warranty documentation provided at the time of purchase or visit the official Dunlop website.

If you require technical support, have questions about tire performance, or need assistance with a warranty claim, please contact your authorized Dunlop tire dealer or the Dunlop customer service department directly. Ensure you have your tire's serial number and proof of purchase available.