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> [Uflex V27 Ultraflex Non-Magnetic Stainless Steel Steering Wheel User Manual](#)

## uflex V27

# Uflex V27 Ultraflex Non-Magnetic Stainless Steel Steering Wheel

## INSTRUCTION MANUAL

### 1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Uflex V27 Ultraflex Non-Magnetic Stainless Steel Steering Wheel. Please read these instructions carefully before installation and use to ensure safe and optimal performance.

The Uflex V27 steering wheel is designed for marine applications, offering durability and reliability. It meets EN 28848 and ABYC P22 standards, ensuring high quality and safety.

### 2. Safety Information

- Always ensure the steering system components are correctly installed and secured before operating the vessel.
- Regularly inspect the steering wheel and associated components for any signs of wear, damage, or looseness.
- Do not attempt to modify the steering wheel or its hub. Use only genuine Uflex replacement parts if needed.
- Ensure all fasteners are tightened to the manufacturer's specified torque settings.
- Keep hands and clothing clear of moving parts during installation and operation.
- **California Proposition 65 Warning:** This product may contain materials cautioned by California Proposition 65.

### 3. Package Contents

Verify that all components are present and undamaged upon unpacking:

- Uflex V27 Ultraflex Non-Magnetic Stainless Steel Steering Wheel
- Steering Wheel Hub

### 4. Setup and Installation

The Uflex V27 steering wheel is designed for a standard 3/4" taper shaft. Installation should be performed by a qualified marine technician if you are unfamiliar with marine steering systems.



Figure 1: Uflex V27 Ultraflex Non-Magnetic Stainless Steel Steering Wheel. This image shows the front view of the steering wheel, highlighting its three-spoke design and polished stainless steel finish.

### Installation Steps:

1. **Prepare the Steering Shaft:** Ensure the steering shaft is clean, free of debris, and has the correct 3/4" taper.
2. **Install the Hub:** Slide the provided hub onto the steering shaft. Ensure it seats properly.
3. **Position the Steering Wheel:** Align the steering wheel with the hub, ensuring the spokes are in the desired orientation (e.g., top spoke centered when rudder is straight).
4. **Secure the Wheel:** Fasten the steering wheel to the hub and shaft using the appropriate nut and washer (typically provided with the steering helm, not the wheel itself). Tighten securely according to the helm manufacturer's specifications.
5. **Check for Play:** After tightening, check for any rotational or axial play in the steering wheel. It should be firmly attached.
6. **Test Operation:** With the vessel safely secured, test the full range of steering motion to ensure smooth operation and no binding.

*Note: Refer to your boat's steering helm manual for specific torque settings and additional installation details.*

## 5. Operating Instructions

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The Uflex V27 steering wheel functions as the primary control input for your vessel's steering system. Rotate the wheel clockwise to turn the vessel to starboard (right) and counter-clockwise to turn to port (left).

- Always operate the steering wheel smoothly and avoid sudden, jerky movements, especially at high speeds.
- Be aware of your surroundings and other vessels while maneuvering.
- Ensure the steering system responds correctly to inputs before departing.

## 6. Maintenance

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To ensure the longevity and appearance of your stainless steel steering wheel, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the steering wheel with fresh water and a mild soap solution. Rinse thoroughly and dry with a soft cloth to prevent water spots.
- **Polishing:** For a brilliant shine and to protect against corrosion, use a marine-grade stainless steel polish periodically.
- **Inspection:** Periodically check the steering wheel for any signs of corrosion, cracks, or loose connections. Pay close attention to the hub area and spoke welds.
- **Fasteners:** Ensure all mounting fasteners remain tight. Re-tighten if any looseness is detected.
- **Storage:** If the vessel is stored for an extended period, consider covering the steering wheel to protect it from UV exposure and environmental elements.

## 7. Troubleshooting

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If you encounter issues with your steering wheel, consider the following:

- **Steering Wheel Feels Loose:**
  - Check the main retaining nut on the steering shaft. Tighten it according to the helm manufacturer's specifications.
  - Inspect the hub for any damage or wear that might prevent a secure fit.
- **Unusual Noises from Steering:**
  - The steering wheel itself is unlikely to be the source of noise unless it's loose. Investigate the steering helm and cable/hydraulic system for issues.
  - Ensure no foreign objects are interfering with the steering mechanism.
- **Corrosion on Stainless Steel:**
  - Clean thoroughly with fresh water and mild soap.
  - Apply a marine-grade stainless steel cleaner and polish to remove surface rust or stains.
  - Ensure regular cleaning and maintenance to prevent recurrence.

For persistent issues, consult a qualified marine technician.

## 8. Specifications

Feature	Detail
Model	V27
Material	Stainless Steel
Fit Type	Universal Fit (Standard 3/4" taper)
Number of Spokes	3
Vehicle Service Type	Boat
Standards Met	EN 28848 and ABYC P22
Item Weight	16 ounces (0.45 kg)
Item Dimensions (LxWxH)	14.2 x 14.1 x 8 inches (36.07 x 35.81 x 20.32 cm)
UPC	702755031321

## 9. Warranty Information

Uflex products are manufactured to high standards. For specific warranty terms and conditions, please refer to the warranty documentation provided with your purchase or visit the official Uflex website. The EU Spare Part Availability Duration is 5 Years.

## 10. Support and Contact

If you have any questions regarding the installation, operation, or maintenance of your Uflex V27 steering wheel, please contact Uflex customer support or your authorized Uflex dealer. Contact information can typically be found on the official Uflex website.

For further assistance, you may also refer to the [Uflex official website](#).