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pewag 4086065

pewag RSC 850 SERVOSTAR Snow Chain System

Instruction Manual

INTRODUCTION

The pewag RSC 850 SERVOSTAR is a premium clip-on snow chain system designed for vehicles with limited clearance. This manual provides essential information for the safe and effective installation, operation, and maintenance of your snow chains.

Key features include:

- 0 mm clearance required inside the wheel.
- Easy attachment to the original wheel nut or bolt.
- All mounting handles are accessible from the outside, eliminating the need to reach behind the wheel.
- One chain size accommodates various tire dimensions through adaptable components.
- Innovative chain system provides rim protection by avoiding direct contact with the rim.
- Starwave® grooved profile on chain links increases surface area by 7% for enhanced traction and extended product life.
- 3.2 mm chain certified Önorm V 5117 and EN 16662-1.
- Essential mounting parts are marked in red for easy identification.

SAFETY INFORMATION

Always read and understand all instructions before installing or using the snow chains. Failure to follow instructions can result in property damage, injury, or death. Observe all local traffic laws and regulations regarding snow chain use.

- Do not exceed the maximum speed recommended by the chain manufacturer (typically 50 km/h or 30 mph) or your vehicle manufacturer, whichever is lower.
- Avoid sudden acceleration, braking, or sharp turns when chains are installed.
- Remove chains immediately when driving on clear, non-snowy, or non-icy roads to prevent damage to the chains, tires, and road surface.
- Ensure chains are properly tensioned after installation and re-tensioned after driving a short distance (approx. 100 meters).

- Check tire pressure before installing chains.
- Do not use chains on damaged tires.

SETUP AND INSTALLATION

The pewag RSC 850 SERVOSTAR is designed for quick and easy installation from the outside of the wheel.

Step 1: Prepare the Vehicle and Chains

Park your vehicle on a level surface, engage the parking brake, and turn off the engine. Lay out the snow chain, ensuring it is untangled and free of twists. Identify the red-marked components, which are crucial for mounting.



Image: Front view of the pewag RSC 850 SERVOSTAR snow chain system installed on a tire, showing the central attachment mechanism and the chain pattern.

Step 2: Attach the Central Mechanism

Position the central attachment mechanism onto the original wheel nut or bolt. The system is designed to securely fasten without requiring access to the inner side of the wheel. Ensure the mechanism is firmly seated.



Image: Close-up view of the central attachment mechanism of the pewag RSC 850 SERVOSTAR, showing how it connects to the wheel's lug nut or bolt.

Step 3: Connect the Chain Segments

Once the central mechanism is secured, connect the chain segments around the tire. The system's design allows for easy connection of the chain links from the outside. Follow the instructions provided with your specific model for connecting the various points around the tire.





Image: Side view of the pewag RSC 850 SERVOSTAR snow chain installed on a tire, illustrating the chain's coverage and the external attachment system.

Step 4: Tension the Chains

The patented pewag servo ratchet technology automatically tensions the chains. After initial installation, drive a short distance (approximately 100 meters or 300 feet) at a low speed. Stop and check the chains for proper tension and fit. If necessary, make any minor adjustments. The system is designed to maintain optimal tension during use.



Image: Rear view of the pewag RSC 850 SERVOSTAR snow chain system on a tire, showing the chain links and how they wrap around the tire's circumference.

OPERATING INSTRUCTIONS

The pewag RSC 850 SERVOSTAR snow chains are recommended for use on paved roads covered with snow or ice.

- **Driving Speed:** Do not exceed 50 km/h (30 mph) when snow chains are installed.
- **Driving Style:** Drive smoothly. Avoid sudden acceleration, hard braking, and abrupt steering maneuvers.
- **Road Conditions:** Use chains only on snow-covered or icy roads. Driving on bare pavement will rapidly wear down the chains and can damage your tires and the road.
- **Removal:** Remove chains as soon as you reach clear road conditions.

MAINTENANCE

Proper maintenance extends the life of your pewag RSC 850 SERVOSTAR snow chains.

- **Cleaning:** After each use, rinse the chains thoroughly with warm water to remove salt, dirt, and debris.
- **Drying:** Allow the chains to dry completely before storing them to prevent rust.
- **Inspection:** Before and after each use, inspect the chains for any signs of wear, damage, or broken links. Replace damaged chains immediately.
- **Storage:** Store the chains in their original carrying bag in a dry place, away from direct sunlight and extreme temperatures.



Image: The blue and red carrying bag for the pewag RSC 850 SERVOSTAR snow chain system, designed for convenient storage and transport.

TROUBLESHOOTING

If you encounter issues with your pewag RSC 850 SERVOSTAR snow chains, consider the following:

- **Chains feel loose after driving:** Re-check tension after driving a short distance. Ensure the central mechanism is securely attached and all chain segments are properly connected.
- **Unusual noise or vibration:** Stop immediately and inspect the chains. This could indicate improper installation, a damaged chain, or contact with vehicle components.
- **Difficulty installing:** Ensure the chain is untangled. Verify that the central mechanism is correctly aligned with the wheel nut/bolt. Refer to the detailed installation steps.
- **Chains breaking:** This can be caused by driving too fast, driving on bare pavement, or improper installation. Inspect for damage and replace if necessary.

SPECIFICATIONS

Feature	Detail
Brand	pewag

Feature	Detail
Model Number	4086065
Product Type Name	RSC 850 SERVOSTAR
Material	Alloy Steel
Chain Thickness	3.2 mm
Certifications	Önorm V 5117, EN 16662-1
Item Weight	8.96 Kilograms
Package Dimensions	61 x 26 x 25.5 cm
Vehicle Service Type	Car
Automotive Fit Type	Vehicle Specific Fit
Included Components	Adapter
Country of Origin	Czech Republic

Compatible Tire Sizes:

The pewag RSC 850 SERVOSTAR is compatible with a wide range of tire sizes, including but not limited to: 275/30-19, 285/30-19, 235/30-20, 245/30-20, 275/35-18, 285/35-18, 235/35-19, 245/35-19, 275/40-17, 235/40-18, 245/40-18, 245/45-17, 215/45-18, 265/50-15, 275/50-15, 245/50-16, 215/50-17, 225/50-17, 225/55-16, 205/55-17, 245/60-14, 225/60-15, 205/60-16, 185/60-17, 205/65-15, 185/65-16, 215/70-14, 195/70-15, 175/70-16, 195/75-14, 185/75-15, 205/80-13, 185/80-14.

WARRANTY INFORMATION

For detailed warranty information regarding your pewag RSC 850 SERVOSTAR snow chain system, please refer to the documentation included with your purchase or contact pewag customer support directly. Warranty terms typically cover manufacturing defects under normal use conditions.

CUSTOMER SUPPORT

Should you require further assistance, have questions about installation, or need to report an issue, please contact pewag customer support. Contact details can usually be found on the manufacturer's official website or in the product packaging.

For more information, you may visit the official pewag website.