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SHIMANO SM-PD22

SHIMANO SM-PD22 Pedal Deck Platform Instruction Manual

Model: SM-PD22

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1. INTRODUCTION

This manual provides detailed instructions for the proper use, installation, and maintenance of your SHIMANO SM-PD22 Pedal Deck Platform. Designed for versatility, these pedal decks allow you to convert SPD clipless pedals into flat pedals, offering comfort and night visibility with integrated reflectors. Please read this manual thoroughly before use to ensure safe and optimal performance.

2. PRODUCT OVERVIEW

The SHIMANO SM-PD22 Pedal Deck Platform is an accessory designed to enhance the functionality of your SPD clipless pedals. It provides a flat surface for casual riding while retaining the option for clipless engagement when removed.

Key Features:

- **Versatile Design:** Converts SPD clipless pedals to flat pedals.
- **Reflectors:** Integrated reflectors for improved night visibility.
- **Durable Material:** Constructed from durable nylon.
- **Easy Installation/Removal:** Designed for convenient attachment and detachment.
- **Compatibility:** Specifically designed for Shimano SPD pedals.



Figure 1: SHIMANO SM-PD22 Pedal Deck Platform. This image shows the black pedal deck with an orange reflector on one end, designed to snap onto SPD clipless pedals.

3. SETUP AND INSTALLATION

The SHIMANO SM-PD22 Pedal Deck Platforms are designed for easy attachment and removal from compatible SPD clipless pedals. Follow these steps for proper installation:

1. **Prepare the Pedal:** Ensure your SPD clipless pedal is clean and free of debris.
2. **Adjust Pedal Tension (if necessary):** Some SPD pedals have adjustable tension for cleat engagement. It may be helpful to loosen the tension slightly before installing the pedal deck for easier attachment, then re-tighten after installation if desired. Refer to your SPD pedal's manual for tension adjustment instructions.
3. **Align the Pedal Deck:** Position the pedal deck over the clipless mechanism of your SPD pedal. The pedal deck is designed to mimic the shape of a cleat.
4. **Engage the Mechanism:** Press the pedal deck firmly onto the clipless mechanism. You may need to apply pressure and slightly wiggle the deck side-to-side, similar to how you would engage a cycling shoe cleat. It should snap securely into place.
5. **Secure with Set Screw (if applicable):** Some pedal decks may include a small set screw for additional security. If present, use a small screwdriver (e.g., 2.5mm hex key or flathead, depending on design) to tighten this screw once the deck is in place. Do not overtighten.
6. **Verify Security:** Gently pull on the pedal deck to ensure it is firmly attached and does not wobble.

Video Resources:

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Video 1: This video demonstrates the process of converting clipless pedals to flat pedals using a universal platform, similar to the SHIMANO SM-PD22. It shows how to attach and detach the platform.

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Video 2: This video illustrates how to insert and release the Pedal Plate SPD, including adjustments for low and high tension. This can be

4. OPERATING INSTRUCTIONS

Once installed, the SHIMANO SM-PD22 Pedal Deck Platform provides a stable, flat surface for riding with regular shoes. The integrated reflectors enhance visibility, especially in low-light conditions.

- **Riding with Regular Shoes:** Simply place your foot on the pedal deck as you would with any standard flat pedal. The textured surface provides grip.
- **Night Visibility:** The orange reflectors on the pedal decks are designed to catch light from vehicle headlights, increasing your visibility to others on the road. Ensure they are clean and unobstructed.
- **Removing the Pedal Deck:** To revert to clipless pedals, disengage the pedal deck by pressing the release mechanism (if present) or by using a small tool (like a flathead screwdriver) to gently pry it off the clipless pedal mechanism. Be careful not to damage the pedal or the deck during removal.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your SHIMANO SM-PD22 Pedal Deck Platforms.

- **Cleaning:** Clean the pedal decks regularly with a damp cloth to remove dirt and grime. Avoid harsh chemicals that may damage the plastic or reflectors.
- **Inspection:** Periodically inspect the pedal decks for any signs of wear, cracks, or damage. Check the reflectors to ensure they are securely attached and not obscured.
- **Storage:** When not in use, store the pedal decks in a clean, dry place away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

If you encounter issues with your SHIMANO SM-PD22 Pedal Deck Platforms, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pedal deck does not snap into place easily.	Pedal tension is too high; debris in clipless mechanism; incorrect alignment.	Loosen pedal tension (refer to SPD pedal manual). Clean clipless mechanism. Ensure correct alignment and apply firm, even pressure.
Pedal deck feels loose or wobbly.	Not fully engaged; set screw (if present) is loose; incompatible pedal.	Ensure the deck is fully snapped into place. Tighten the set screw if applicable. Verify compatibility with your SPD pedals.
Difficulty removing pedal deck.	Pedal tension is too high; deck is stuck.	Loosen pedal tension. Use a flathead screwdriver to gently pry the deck off, applying leverage carefully to avoid damage.
Reflectors are not visible at night.	Reflectors are dirty or damaged.	Clean reflectors with a damp cloth. If damaged, consider replacing the pedal deck for safety.

7. SPECIFICATIONS

Attribute	Detail
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Attribute	Detail
Brand	SHIMANO
Model	SM-PD22
Material	Nylon
Color	Black
Dimensions (L x W)	3.54" x 2.17" (90mm x 55mm)
Item Weight (per pair)	Approximately 0.07 Kilograms (0.15 lbs)
Compatibility	Shimano SPD Pedals
Included Components	Pedal Deck (Pair)

8. WARRANTY & SUPPORT

For warranty information and customer support regarding your SHIMANO SM-PD22 Pedal Deck Platform, please refer to the official SHIMANO website or contact your authorized SHIMANO dealer. Keep your proof of purchase for any warranty claims.

Online Resources: For additional product information, FAQs, and support, visit the official [SHIMANO Store on Amazon](#).

