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> Piaa 94035 Silicone Wiper Rubber Refill - 14"

## Piaa 94035

# Piaa 94035 Silicone Wiper Rubber Refill - 14" User Manual

Brand: Piaa

## INTRODUCTION

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The Piaa 94035 Silicone Wiper Rubber Refill is designed to enhance visibility during adverse weather conditions. PIAA's patented silicone wiper rubber refills create a superior field of vision by causing water to bead up on the windshield, allowing for clearer sight even when the wipers are not actively wiping. This product is engineered for durability and performance, offering a longer lifespan compared to conventional rubber refills.

Key features include:

- Patented premium silicone rubber construction.
- Designed to last 3 to 4 times longer than conventional rubber wipers.
- Resistant to drying out in summer months due to silicone impregnation.
- Provides a clear, streak-free wipe.



Image: The PIAA 94035 Silicone Wiper Rubber Refill, 14 inches in length, shown in its retail packaging. This image displays the product as it would appear when purchased, highlighting the brand and key features on the packaging.

## SETUP AND INSTALLATION

Proper installation of the PIAA silicone wiper rubber refill is essential for optimal performance. This refill is primarily designed to fit PIAA wiper blades, but it may also be compatible with some Original Equipment Manufacturer (OEM) wipers. It is crucial to verify the claw design of your existing wiper blade frame before attempting installation.

### Compatibility Check:

- The PIAA 94035 refill features a square claw width of 6 millimeters. Ensure your existing wiper blade frame's channels can accommodate this width.
- Some OEM wiper frames may have slightly different dimensions or internal stops that can make installation challenging.

### Installation Steps:

1. **Remove Old Refill:** Carefully slide out the old rubber refill from the wiper blade frame. Note the orientation and how the metal tension strips are positioned within the old rubber.

2. **Transfer Metal Strips:** Remove the metal tension strips from the old refill. These strips provide the necessary rigidity and curvature to the wiper blade. Insert these metal strips into the channels of the new PIAA silicone refill. Ensure they are seated correctly and provide even tension along the length of the refill.
3. **Insert New Refill:** Slide the new PIAA silicone refill, with the metal strips inserted, into the wiper blade frame. Push it firmly until it clicks into place or is fully seated. Some refills may have temporary plastic clips to aid in holding the metal rails during insertion; remove these once the refill is in place.
4. **Test Fit:** Once installed, gently pull on the refill to ensure it is securely fastened within the wiper blade frame.
5. **Reinstall Wiper Blade:** Reattach the wiper blade assembly to your vehicle's wiper arm.
6. **Clean Windshield:** Before first use, clean your windshield thoroughly to remove any dirt or residue. This helps in the initial conditioning of the silicone.

If you encounter difficulty, refer to your vehicle's owner's manual or the specific instructions for your wiper blade frame type. The design of the PIAA refill, while high quality, can be a tight fit in some non-PIAA frames due to its precise 6mm width.

## OPERATING PERFORMANCE

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The PIAA silicone wiper rubber refill provides exceptional performance, particularly in wet conditions. The unique silicone compound promotes water beading on the windshield surface, which significantly improves visibility. This hydrophobic effect allows water to form small droplets that are easily cleared by the wiper, even at lower speeds or during light rain.



Image: A view from inside a vehicle showing the effect of PIAA silicone wipers on a wet windshield. The left side, where the wiper has passed, shows clear visibility with water beading, while the right side remains obscured by water droplets, demonstrating the superior water-repelling action of the silicone.

Users can expect a smooth, quiet, and streak-free wipe. The silicone material's inherent properties also contribute to its longevity, maintaining flexibility and effectiveness across a wide range of temperatures and weather conditions without drying out or cracking prematurely.

## MAINTENANCE

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To ensure the continued optimal performance and longevity of your PIAA silicone wiper rubber refills, follow these simple maintenance guidelines:

- **Regular Cleaning:** Periodically clean the wiper blade rubber with a soft cloth dampened with water or a mild glass cleaner. This removes road grime, dirt, and any accumulated residue that can impair wiping performance. Avoid harsh chemicals or abrasive materials.
- **Windshield Cleaning:** Keep your windshield clean. A dirty windshield can transfer contaminants to the wiper blade, reducing its effectiveness and potentially causing streaks.
- **Inspect for Damage:** Routinely inspect the rubber for any signs of damage, such as tears, cracks, or hardening. While PIAA silicone is highly durable, extreme conditions or debris can cause wear.
- **Avoid Petroleum-Based Products:** Do not use petroleum-based cleaners or protectants on the wiper rubber, as these can degrade the silicone material.

The silicone material naturally resists drying and cracking, reducing the need for frequent replacement compared to conventional rubber blades.

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## TROUBLESHOOTING

If you experience issues with your PIAA silicone wiper rubber refill, consider the following common troubleshooting steps:

- **Streaking or Chattering:**
  - **Dirty Blade:** Clean the wiper rubber thoroughly as described in the Maintenance section.
  - **Windshield Contamination:** Ensure your windshield is clean and free of waxes, oils, or other residues. Use a dedicated glass cleaner.
  - **Improper Installation:** Verify the refill is correctly seated in the wiper frame and that the metal tension strips are properly aligned.
  - **Wiper Arm Pressure:** Check if the wiper arm is applying even pressure across the blade. A bent or weak wiper arm can cause uneven contact.
- **Difficulty Installing:**
  - **Claw Width Mismatch:** The PIAA refill has a 6mm square claw width. Some non-PIAA or OEM frames may have slightly different internal dimensions, making the fit tight. Do not force the refill if it does not slide smoothly.
  - **Internal Stops:** Some wiper frames have internal stops or blockages that prevent easy sliding of refills. You may need to carefully work around these or consider if your frame is truly compatible.
  - **Metal Strip Alignment:** Ensure the metal tension strips are perfectly straight and aligned within the refill's channels before attempting to slide it into the frame.
- **Reduced Water Beading Effect:**
  - **Blade Contamination:** Clean the blade and windshield thoroughly. Over time, environmental factors can reduce the hydrophobic effect if the blade surface is not clean.
  - **Wear:** While durable, all wiper blades eventually wear out. If cleaning does not restore performance, the refill may need replacement.

If problems persist after attempting these solutions, consider consulting a professional automotive technician or contacting PIAA customer support.

## SPECIFICATIONS

<b>Brand</b>	Piaa
<b>Model</b>	94035
<b>Item Length</b>	14 Inches
<b>Mounting Type</b>	Pinch Tab (for compatible frames)
<b>Claw Width</b>	6 Millimeter (Square)
<b>Item Weight</b>	1.6 ounces
<b>UPC</b>	722935940359
<b>Manufacturer Part Number</b>	94035

## WARRANTY AND SUPPORT

The Piaa 94035 Silicone Wiper Rubber Refill comes with a **1-year 100 percent satisfaction guarantee**. This warranty covers manufacturing defects and ensures the product meets Piaa's high-quality standards for a period of one year from the date of purchase.

For warranty claims, technical assistance, or further inquiries, please refer to the contact information provided on the product packaging or visit the official Piaa website. When contacting support, please have your product model number (94035) and proof of purchase readily available.

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This manual is for informational purposes only. Piaa is not responsible for any damage or injury resulting from improper installation or use of this product.