

RUGGEDCAMS RUFF RIDE PTZ CAMERA - WIPER BLADE REPLACEMENT GUIDE



⚠ Important Notice: Handle with Care

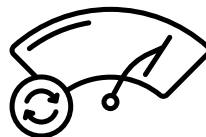
The wiper mechanism on your Ruff Ride PTZ Camera is precision-engineered and fragile. When removing or installing the blade:

- Apply only light pressure—forcing components can damage delicate parts.
- Take special care with the clip mechanism. If it breaks, nothing will secure the blade in place—BE CAREFUL.

🔧 Need a replacement? OEM wiper blades are available directly from RuggedCams. Contact us to place an order.

🔧 Tools Needed

- Small flat-head screwdriver or plastic spudger
- Clean microfiber cloth
- OEM replacement wiper blade



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Step 1: Power Down the Camera
Unplug the camera from both power and data before beginning.

Step 2: Locate the Hidden Wiper
The wiper is tucked under the upper housing just below the LED light array.

🔦 Refer to Image 1



Image 1



Image 2

Step 3: Gently Coax Out the Wiper Arm

Use a small flat-head tool to gently nudge the wiper down into view.

🔦 Refer to Image 2

⚠️ **Wiper Adjustment Tip** Avoid scratching the lens window or bending the wiper arm during maintenance. The internal gears can be snug—so if the blade doesn't lower with light but steady pressure, resist the urge to go "full gorilla" on it. You'll risk breaking something.

Pro Tip: Power the camera on and allow the wiper to run its automatic "self-test." As the blade moves, gently interrupt its return to the up position, then quickly power off. This avoids fighting against the motor and gives you safer access to adjust or replace the blade.

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Step 4: Pull the Blade into Full View

As you ease the arm down, the full wiper blade will emerge.

📷 Images 3-4

Image 3



Image 4



⚠️ Watch for metal contacts near the base—these are fragile. ⚠️

Step 5: Remove the Blade

📷 Image 5



With the blade fully exposed, you'll notice a clip near the arm's base:

- GENTLY Pull the clip/tab upwards and slide the plastic clip in the direction of the arrow to release it.
- Slide the blade downward and off the arm.
- NOTE: It's tight in there, and you may have too "finesse" the blade out of the assembly at this point.

🧼 Clean the lens area before reassembly.

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Step 6: Install the New Blade

 **Images 6–9**



- Slide the new blade into place, matching the original orientation.
- Press until you hear or feel the clip engage.
- Confirm the blade sits evenly and securely on the arm.
- Lock the clip into place

Step 7: Gently Tuck the Wiper Back Up Into Housing
Carefully push the wiper back into its hidden resting position above the lens window.

Final Checks:

- Power on the camera and trigger a wiper test (if supported).
- Watch for full range of motion and even pressure.
- If the blade skips or doesn't retract fully, remove and reseal.