2022-2024 Rivian R1S - Wiper Blade Replacement

2022-2024 Rivian R1S | Easy | 15-20 minutes for all three blades | $81 DIY

TOOLS

Microfiber cloth and glass cleaner Folded towel (to cushion the windshield under a bare arm)

PARTS

Driver wiper blade, 24" Bosch 24A $32.99
Passenger wiper blade, 18" Bosch 18B $32.99
Rear wiper blade, 10" $14.99

STEPS

1. **Confirm the blade sizes - 24, 18, and 10 inches - Buy a 24-inch (600 mm) J-hook hybrid** blade for the driver side, 18-inch (450 mm) passenger side, 10-inch (250 mm) rear. Front arms are offset J-hooks (9x3mm); the rear arm uses a small rear-specific clip - get a blade listed for the R1S...
2. **Enable Wiper Service mode on the center display - From the center display, open Mirrors** and Wipers and enable Wiper Service mode; the wipers sweep up and hold. Never drag the arms by hand. Before exiting, both blades must lie flat on the glass, or the arms sweep down and gouge the hood pa...
3. **Remove the old driver-side blade - Pull the arm out and bend it at its hinge so it stands** clear. Press the connector’s locking tab down, then pull the blade downward along the arm; it slides off the J-hook. Memorize the hook-and-clip orientation for installation.
4. **Install the new 24-inch driver-side blade - Slide the J-hook into the new 24-inch blade’s** connector and push upward until the tab clicks. Pull the blade to confirm the lock - an unlocked blade walks off the hook at highway speed. Fold the arm down and rest the blade flat on glass.
5. **Replace the 18-inch passenger-side blade - Repeat the tab-press removal on the passenger** arm and fit the 18-inch blade - tab clicked, blade flat on the glass. Verify box labels: the passenger blade is 6 inches shorter, and an 18-inch blade on the driver side leaves a wide unwiped...
6. **Replace the 10-inch rear wiper blade - Lift the rear arm off the glass and release its** rear-specific clip - a tab or pinch release. Slide the old 10-inch blade off, click the new one on until it locks, and lower the arm gently. Never let a bare rear arm snap back.
7. **Exit Wiper Service mode and test all three blades - Confirm all three blades lie flat on** the glass, disable Wiper Service mode. Run the washers on low and high; blades should track silently - no streaking, skipping, or chatter. Chatter on first use is usually mold-release residue: wipe ed...

TORQUE

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