

RODION TEAM

WINDOW TINT QUALITY STANDARD

Quality standard for automotive window tint film installation

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Purpose of this document

This standard defines the acceptance criteria for automotive window tint film installation, the permissible characteristics of hand installation, and the conditions that require correction. Its purpose is to ensure that the client and the studio share the same clear criteria for evaluating the result before work begins.

Window tint film is installed by hand using a wet method on a vehicle already in service. A high-quality installation means a professional, clean and durable result; it does not mean absolute sterility or microscopic perfection.

1. VISUAL INSPECTION CRITERIA

Tint quality is assessed on clean glass under normal, even lighting and normal conditions of use. Microscopic inspection with a directed flashlight, magnification or a deliberate search for features from a minimal distance is not a standard acceptance method.

Cosmetic characteristics that do not obstruct the field of view, do not form an obvious cluster and do not affect film adhesion or durability may be permissible characteristics of a manual installation.

Functional defects - significant lifting, large permanent bubbles, pronounced creases or defects that materially affect visibility - are assessed regardless of viewing distance.

2. DOTS, DUST AND MICROSCOPIC INCLUSIONS

Even after thorough cleaning of the glass and work area, it is technically impossible to eliminate every isolated particle between the glass and film during a manual wet installation.

Up to 10 separate microscopic inclusions per 0.5 m² of installed film are acceptable if they are small, do not form an obvious cluster, do not create significant bubbles and do not interfere with normal visibility through the glass.

Quantity is a guideline, not the only criterion. One large or clearly visible inclusion, or a dense cluster of dots in a small area, may require correction.

Permissible isolated microscopic inclusions are not, by themselves, grounds for fully re-tinting the glass.

3. WATER, MOISTURE AND THE DRYING PERIOD

Window tint film is installed by a wet method using a water-based installation solution. Thorough cleaning of the glass and contamination control may require a substantial amount of liquid during the work.

After installation, water streaks, small water pockets, haze, mist or other signs of moisture may temporarily be visible beneath the film. These are not defects before the film has fully dried.

Drying time depends on temperature, humidity, the type of glass and the type of film. Final assessment of these conditions is made after the material has stabilised and dried naturally.

4. ELECTRONICS AND HIDDEN VEHICLE COMPONENTS

Water and installation solution may enter technical gaps in doors, dashboards, boot lids and other parts that may contain wiring, connectors, electronic control units, sensors and other hidden components.

Rodion Team uses protective materials and takes reasonable measures to reduce liquid entering concealed areas, but this cannot be completely eliminated when the wet installation method is used.

The studio does not provide a warranty for hidden electronic components or vehicle electrical systems merely because wet installation was performed. This clause does not release the studio from responsibility for confirmed direct damage caused by incorrect actions by its staff.

5. TECHNICAL GAP AND EDGE LINE

On opening windows, the film is not required to finish perfectly flush with the top edge of the glass. For reliable installation, a technical gap of approximately 0.1-0.5 mm is permitted, depending on the glass design and complexity, the material and the installer's chosen method.

The film may be cut by hand or from a computer template on a plotter. A slight deviation from a mathematically perfect straight edge may occur because of hand trimming, the digital template, the glass itself or the position of the material.

A minor edge deviation is not a defect if it does not create a pronounced visual issue, interfere with operation of the window or cause the film to lift.

6. CERAMIC BORDER, DOT MATRIX AND GLASS EDGES

The factory ceramic border and dot matrix around some windows create an uneven surface. Film may adhere differently in these areas than on smooth glass, creating a light or silver line, uneven contact or a visually different area.

Characteristics caused by the glass design itself are not installation defects when film adhesion is normal.

7. INTERIOR CONDITION AND MOISTURE EXPOSURE

Before installation, Rodion Team covers and protects accessible interior parts, panels and trim to minimise contact with water and installation solution.

Nevertheless, a small amount of liquid may reach the trim or other interior parts. In a used vehicle, water or soap solution may partially dissolve accumulated dirt and reveal stains, streaks or shade differences on a soiled surface.

Deep cleaning and restorative interior cleaning are not included in the tinting service unless agreed separately. Any need for later cleaning of soiled or worn interior parts is not, by itself, a tinting defect and is carried out by the vehicle owner at their expense.

8. DISASSEMBLY AND REASSEMBLY OF INTERIOR PARTS

To achieve the highest possible installation quality, partial removal of door cards, seals, trim panels, decorative pieces or other interior parts may be required in some cases.

The need and extent of disassembly are determined by a Rodion Team specialist based on vehicle design and the chosen installation method. If the need is known in advance, the client is notified before work begins. If it becomes clear during installation, the specialist may carry out technically necessary partial disassembly within reasonable limits.

After removal and reassembly, there may be a slight change in the original position, fit or gaps of trim parts. Rodion Team aims to restore the original position as accurately as possible, but vehicle design, fastener condition, previous disassembly and natural wear do not always permit the factory fit to be reproduced exactly.

Clips, pins, latches and other fasteners may have a limited number of removal cycles and may deform or break even during careful disassembly. Such breakage is not, by itself, considered damage to the vehicle caused by the studio. When replacement fasteners are required, their cost may be charged separately.

Rodion Team is not responsible for fasteners that were previously damaged, missing, non-original or incorrectly fitted, or for the consequences of previous vehicle disassembly.

9. REMOVAL OF OLD FILM

When removing previously installed film, Rodion Team aims to work as carefully as possible. However, the condition of the old film, adhesive layer and surface beneath it cannot be determined reliably in advance.

After removal of the film and old adhesive, existing scratches, scuffs, traces of earlier installation, glass damage or other defects may be revealed or become more visible.

The discovery of such defects after removal does not mean that they were caused by the current work. If damage was directly caused by confirmed incorrect action by Rodion Team, it will be considered separately.

10. REAR-WINDOW HEATER AND INTEGRATED ELEMENTS

Removing old film from a rear window carries a risk of damaging or separating electric demister lines, integrated antennas and other elements applied to the glass surface.

Rodion Team uses a careful removal method but does not guarantee preservation of demister lines, antennas or similar elements when previously installed film is removed.

Before removal begins, it is impossible to determine reliably how strongly these elements are bonded to the glass, or identify all earlier damage, wear or consequences of previous work.

11. EXISTING CONDITION OF THE GLASS

Window tint film does not correct scratches, chips, scuffs, wiper marks, factory optical characteristics, damage to the ceramic border or other glass defects.

Some existing characteristics may become more visible after darker or reflective film is installed and are not installation defects.

12. CORRECTION AND FILM REPLACEMENT

A comment does not automatically require the entire window to be re-tinted. Rodion Team determines the technically correct remedy for a confirmed defect: local correction, edge treatment or complete replacement of the film.

Complete replacement is required when a confirmed defect significantly affects appearance during normal use, visibility, adhesion or durability and cannot be corrected professionally at a local level.

Permissible characteristics of manual installation described in this standard are not grounds for replacement.

13. RODION TEAM QUALITY PRINCIPLE

Rodion Team aims for the cleanest, most precise and durable installation reasonably possible and corrects genuine defects in its work. At the same time, professional manual installation does not mean the absolute absence of every microscopic characteristic.

The purpose of this standard is to distinguish in advance between a genuine defect that requires correction and a permissible technical characteristic of installation.