

EU Standard Car Exterior & Interior Accessories Universal Instruction Manual

1. Product Overview

This range of car accessories is designed to meet ECE R48, ECE R10, CE, and RoHS EU standards. It ensures safe, compliant performance for both exterior and interior vehicle upgrades.

Key Features:

Durable, weather-resistant materials (ABS, PMMA, and corrosion-resistant metals)

Designed to fit OEM mounting points for easy installation

Tested for electromagnetic compatibility to avoid interfering with vehicle electronics

Compliant with EU Regulation 168/2013 on vehicle parts and safety

2. Installation Instructions

Important Pre-Installation Notes

Ensure the accessory does not obstruct driver visibility, lighting, or safety systems (e.g., airbags, parking sensors).

Installation must not alter the vehicle's original type approval, as required by EU Regulation 2018/858.

Surface Preparation

Clean the mounting area with isopropyl alcohol to remove dirt, grease, and wax.

Ensure the surface is dry and at room temperature (15 – 25° C) for adhesive applications.

Mounting Steps

For bolt-on accessories: Use only the included corrosion-resistant hardware to secure to OEM mounting points.

For adhesive accessories: Peel the backing from the 3M automotive-grade adhesive and press firmly for 60 seconds.

For electrical accessories: Connect wiring according to the diagram, ensuring no exposed contacts and fuses are rated to EU ECE R10 standards.

Positioning Guidelines

Exterior accessories (e.g., trim, reflectors): Must not extend beyond the vehicle's original width or height, per EU Directive 2007/46/EC.

Interior accessories (e.g., lights, organizers): Must not block air vents, controls, or airbag deployment zones.

3. Operation & Maintenance

Operation:

For electrical accessories, test functionality before completing installation to ensure proper connection.

Ensure moving parts (e.g., phone mounts) are secure and do not shift during vehicle operation.

Maintenance:

Clean with a mild, pH-neutral detergent and soft cloth. Avoid abrasive cleaners that may scratch surfaces.

Inspect monthly for loose hardware, adhesive failure, or signs of corrosion.

For electrical accessories, check wiring connections quarterly to ensure no fraying or damage.

4. Compliance & Safety

This product complies with the following EU regulations:

ECE R48: Uniform provisions concerning the approval of vehicles with regard to their rear markings.

ECE R10: Electromagnetic compatibility for vehicle electrical and electronic systems.

CE Marking: Conforms to health, safety, and environmental protection standards for products sold within the European Economic Area.

RoHS: Restriction of hazardous substances (lead, mercury, cadmium, etc.).

Safety Warnings:

Do not install while the vehicle is in motion.

Do not exceed the accessory's load rating (if applicable).

Disconnect the vehicle's battery before installing electrical accessories to prevent short circuits.

5. Technical Specifications (General)

Parameter	Value
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Material	ABS Plastic / PMMA Lens / Stainless Steel
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Operating Temperature	-40° C to +85° C
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Protection Rating	IP65 (exterior) / IP44 (interior)
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Adhesive Strength	≥ 5 kg/cm ² (after 72-hour cure)
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Wiring Voltage	12V DC (automotive standard)
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6. Warranty

This product is backed by a 2-year warranty against manufacturing defects. The warranty is void if damage is caused by improper installation, misuse, or failure to follow maintenance guidelines.