Advent ADVGENFLCHLN

Advent ADVGENFLCHLN Gentex Frameless Rear View Mirror with Homelink Connect User Manual

Model: ADVGENFLCHLN

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Advent ADVGENFLCHLN Gentex Frameless Rear View Mirror with Homelink Connect. This advanced mirror features automatic dimming to reduce glare and integrated Homelink 5 for convenient control of garage doors, gates, and home automation devices.



Image 1.1: Front view of the Advent ADVGENFLCHLN Gentex Frameless Rear View Mirror. The mirror features a sleek, frameless design with integrated control icons visible at the bottom center, including Bluetooth, directional arrows, a home icon, and a cloud icon.

2. Product Features

- **AUTO-DIMMING:** Automatically darkens to eliminate glare from headlights behind you, enhancing driving safety.
- **FRAMELESS DESIGN:** Offers an enhanced aesthetic that complements modern vehicle interiors.
- **CAR-TO-HOME AUTOMATION:** Enables control of various home devices such as garage doors, security gates, and home lighting directly from your vehicle.
- **INTEGRATED HOMELINK 5:** Provides 99% compatibility with most garage door openers and security gate systems.
- **COMPATIBILITY:** Designed for compatibility with any wedge mount vehicle. Adapters (GENMM1, GENMM2,

GENMM3) may be required for other vehicle types.

3. Safety Information

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in damage to the product, vehicle, or personal injury.

- Professional installation is highly recommended to ensure proper function and avoid damage to vehicle electrical systems.
- Ensure the mirror is securely mounted and does not obstruct the driver's view or interfere with airbag deployment.
- Do not attempt to disassemble or modify the mirror. This will void the warranty and could lead to malfunction.
- Keep the mirror surface clean and free from obstructions to ensure optimal auto-dimming performance.

4. Package Contents

Verify that all components are present before beginning installation:

- Advent ADVGENFLCHLN Gentex Frameless Rear View Mirror
- Wiring Harness (if applicable)
- Installation Instructions / User Manual (this document)
- Mounting Hardware (specific to vehicle type, may vary)

5. Installation and Setup

5.1. Mirror Installation

The Advent ADVGENFLCHLN mirror is designed for windshield mount applications, primarily compatible with wedge mount vehicles. For other vehicle types, specific adapters (e.g., GENMM1, GENMM2, GENMM3) may be necessary. It is strongly recommended to have this mirror installed by a qualified automotive technician to ensure correct wiring and secure mounting.

1. Disconnect the vehicle's battery before beginning any electrical work.
2. Carefully remove the existing rear view mirror from its mount.
3. Attach the Advent mirror to the vehicle's existing wedge mount. Ensure it is securely fastened.
4. Route the wiring harness discreetly along the headliner and A-pillar to the vehicle's power source (typically ignition-switched 12V, ground, and reverse signal if applicable for auto-dimming override).
5. Connect the wiring harness according to the vehicle's wiring diagram and the mirror's specific wiring instructions (usually provided with the harness).
6. Reconnect the vehicle's battery and test the mirror's basic functions (power, auto-dimming).

5.2. Homelink Programming

The integrated Homelink 5 system allows you to program up to three home automation devices. Refer to your device's manual (e.g., garage door opener) for specific programming steps, as procedures may vary.

1. **Clear Existing Codes (First-time use):** Press and hold the two outer Homelink buttons (usually the left and right buttons) until the indicator light begins to flash rapidly (approximately 20 seconds). Release both buttons. Do not perform this step when programming additional devices.
2. **Program a Device:**

- Position the hand-held transmitter 1-3 inches away from the Homelink buttons on the mirror.
- Simultaneously press and hold the desired Homelink button on the mirror and the transmit button on your hand-held transmitter.
- Continue holding both buttons until the indicator light on the mirror changes from a slow blink to a rapid blink. This indicates successful programming.
- If your device has a "rolling code" system (common for newer garage door openers), you may need to press the "Learn" or "Smart" button on your garage door opener motor unit and then press the programmed Homelink button on your mirror two or three times within 30 seconds. Consult your garage door opener manual for exact steps.

3. **Test Operation:** Press the newly programmed Homelink button on your mirror to confirm it operates the desired device.

6. Operation

6.1. Auto-Dimming Function

The mirror automatically adjusts its tint to reduce glare from headlights behind your vehicle. This feature is active when the vehicle's ignition is on. A light sensor on the front of the mirror detects ambient light, and a sensor on the back detects light from behind. The mirror darkens proportionally to the intensity of the glare. When the vehicle is in reverse, the mirror typically returns to its clear state to provide maximum visibility.

6.2. Homelink Connect Usage

Once programmed, simply press the corresponding Homelink button on the mirror to activate your garage door, gate, or other home automation device. The indicator light will illuminate to confirm the signal is being transmitted.

7. Maintenance

To ensure the longevity and optimal performance of your Advent mirror, follow these simple maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth and a non-abrasive glass cleaner to clean the mirror surface. Avoid spraying cleaner directly onto the mirror; instead, apply it to the cloth first. Do not use ammonia-based cleaners, as they can damage the mirror's coating.
- **Inspection:** Periodically check the mirror's mounting for security. Ensure all wiring connections remain intact and free from damage.
- **Avoid Obstruction:** Do not place stickers, suction cups, or other objects on the mirror surface or near the light sensors, as this can interfere with the auto-dimming function.

8. Troubleshooting

Problem	Possible Cause	Solution
Mirror does not power on.	No power to the mirror; loose wiring connection; blown fuse.	Check wiring connections. Verify vehicle's fuse for the mirror circuit. Consult an automotive technician.
Auto-dimming not working.	Light sensors obstructed; mirror in reverse; faulty sensor.	Ensure sensors are clear. Check if vehicle is in reverse. If problem persists, professional inspection may be needed.

Problem	Possible Cause	Solution
Homelink not programming.	Incorrect programming steps; rolling code system not synced; device out of range; incompatible device.	Review Homelink programming steps (Section 5.2). Ensure hand-held transmitter battery is good. For rolling codes, sync with garage door opener's "Learn" button. Verify device compatibility.
Homelink range is poor.	Interference; weak signal from device.	Ensure no large metal objects are between the mirror and the receiver. Reposition vehicle if possible.

9. Specifications

Feature	Detail
Brand	Advent
Model Number	ADVGENFLCHLN
Manufacturer	Advent
Color	Grey
Mounting Type	Windshield Mount
Special Feature	Frameless, Auto-Dimming, Homelink Connect
Shape	Rectangular
Lens Curvature	Convex
UPC	044476137570

10. Warranty and Support

For specific warranty information regarding your Advent ADVGENFLCHLN Gentex Frameless Rear View Mirror, please refer to the documentation provided with your purchase or visit the official Advent website. For technical support, installation assistance, or troubleshooting beyond this manual, please contact Advent customer service directly.
Note: Warranty terms and conditions may vary by region and retailer. Keep your proof of purchase for warranty claims.

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