

Automated Side Luggage System Introduction

The Freightliner **EG40**, developed by Grech Motors, is a vehicle with a capacity for **44** passengers that combines functionality and comfort. Its automated luggage system stands out for:

- **Italian Technology:** Advanced system for efficient opening and closing.
- **Easy Access:** Optimizes storage management.
- **Safe Operation:** Designed to ensure reliable and practical use.

This manual includes:

1. **Control Panel Location:**
Identification and function of operation buttons.
2. **Notes and Precautions:**
Recommendations for safe use and damage prevention.
3. **Procedures in Case of Failures:**
How to manually unlock the doors.

Following these instructions ensures the safe and effective operation of the luggage system in the **EG40**.



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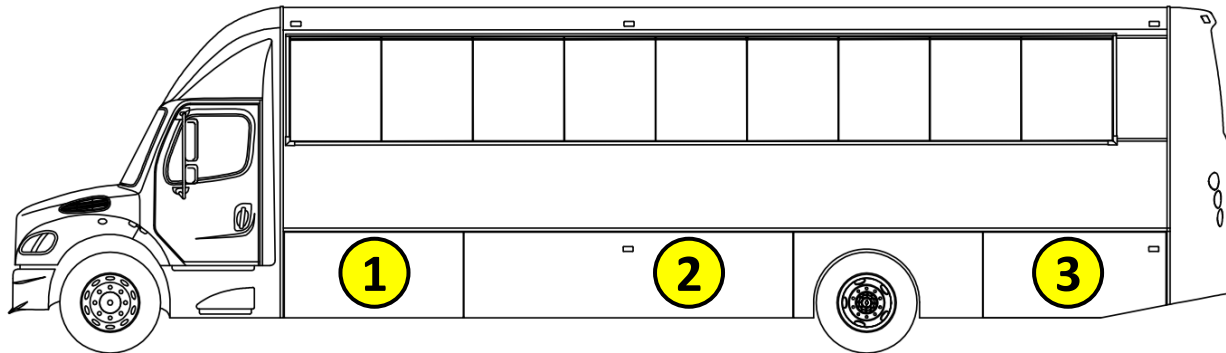
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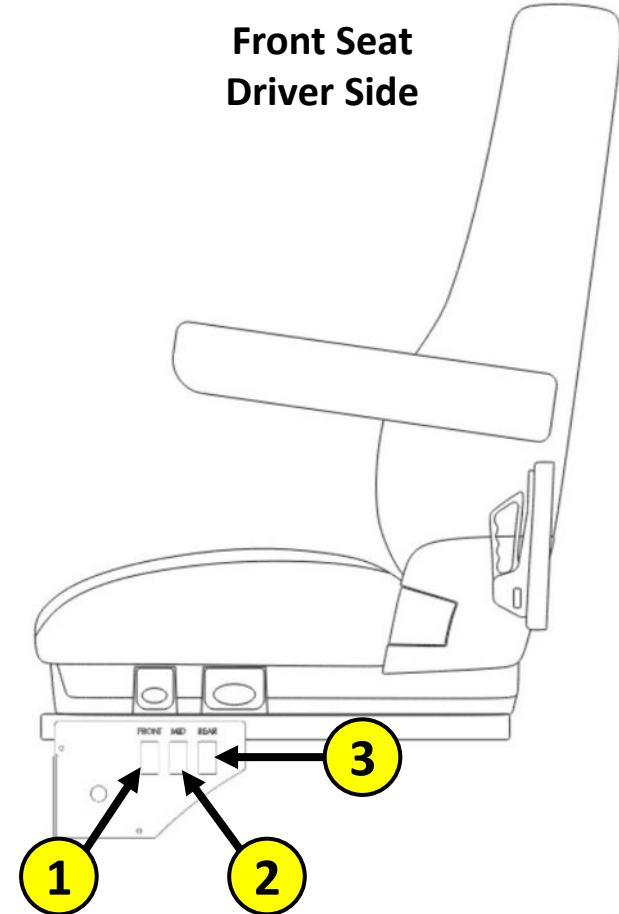
Control Location: Driver Side

The driver seat includes **three** buttons to control the side luggage doors on the **driver side**. These buttons are clearly labeled and strategically placed for easy access and use:

- 1. **Front:** Controls the front door.
- 2. **Middle:** Controls the middle door.
- 3. **Rear:** Controls the rear door.



Front Seat Driver Side



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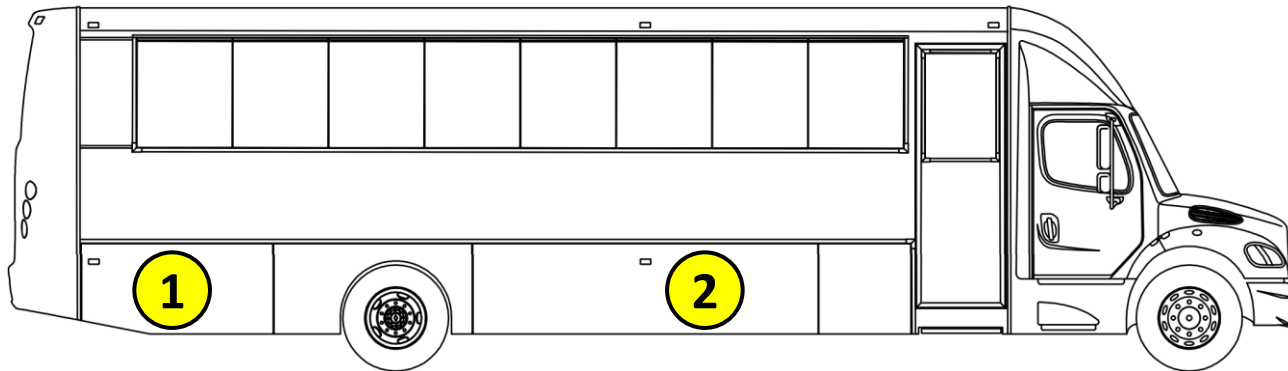
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Control Location: Curb Side

The passenger seat includes **two** buttons to control the exterior side doors on the **curb side**. These buttons are clearly labeled and strategically placed for easy access and use:

- 1. **Middle:** Controls the middle door.
- 2. **Rear:** Controls the rear door.

Front Seat
Curb Side



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General Notes and Warnings

NOTE

Know the location and function of each button before operating the doors to avoid errors during use.

NOTE

Each time a door is opened, an alarm sounds to alert occupants and operators.

NOTE

Do not overload the compartment, ensuring the proper closure of the doors to prevent damage.

NOTE

Place heavier objects at the bottom and close to the vehicle's chassis to maintain balance. Avoid stacking items too high to prevent them from falling during movement.

WARNING

Ensure that there are no obstructions or visible damage on the doors or controls before and after operation.

WARNING

Do not operate the doors while the vehicle is in motion. This can compromise the safety of passengers and equipment.

WARNING

Before opening any door, ensure that there are no people or objects near the doors to prevent vehicle damage or accidents.

WARNING

Keep hands away from the doors when operating them. Ensure that there are no people inside or near the luggage compartment who could be at risk of getting trapped when opening and closing the doors.

CAUTION

The alarm is an important safety indicator; if it is not working correctly, it is important to report it.

CAUTION

If a failure is detected in the automated system or if the doors do not close properly, do not attempt to force the operation. Use the manual emergency release lever.

CAUTION

The doors can be opened and closed with the unit on or off, but it is recommended to do so with the unit on, as it maintains a constant air pressure. If the unit is off, the pressure may drop, making it harder to close the doors properly.

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Air Release Valve

Both seats (driver and passenger) are equipped with a valve designed to release air from the automated door system in case of system blockages.

- **Function:**

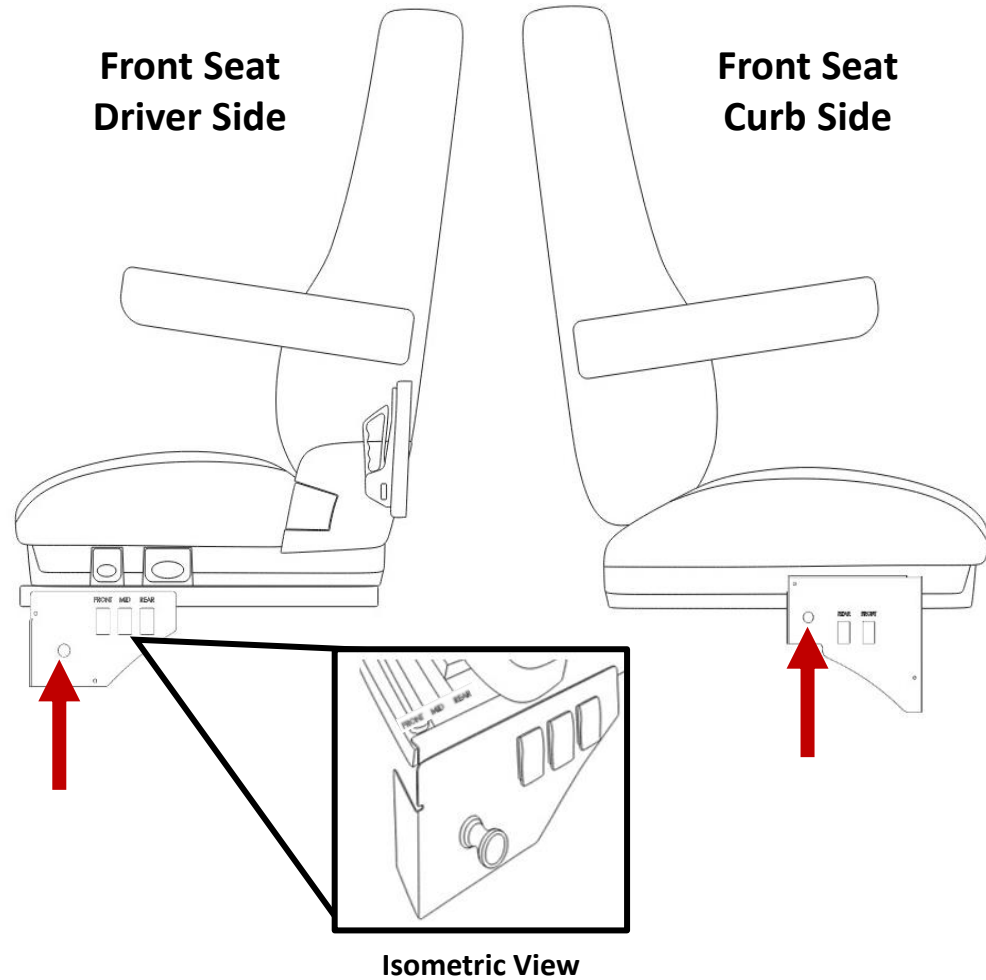
Allows manual operation of the doors when the automated system does not respond, ensuring the vehicle's safety and functionality.

- **Location:**

It is located beside each seat, next to the control buttons for the side doors.

- **How to use:**

Pull the valve firmly and release; the doors will automatically open once the system releases the air.



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Manual Operation Lever for Doors

The vehicle is equipped with two independent levers, designed to ensure manual operation of the luggage doors in case of blockages or jams.

• **Function:**

Allows unlocking the luggage doors when the automated system does not respond.

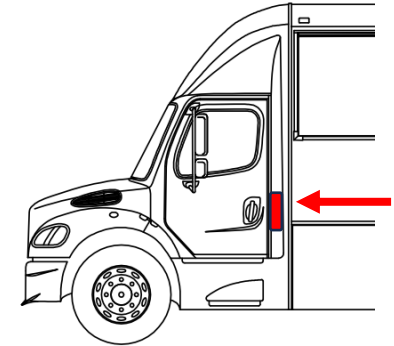
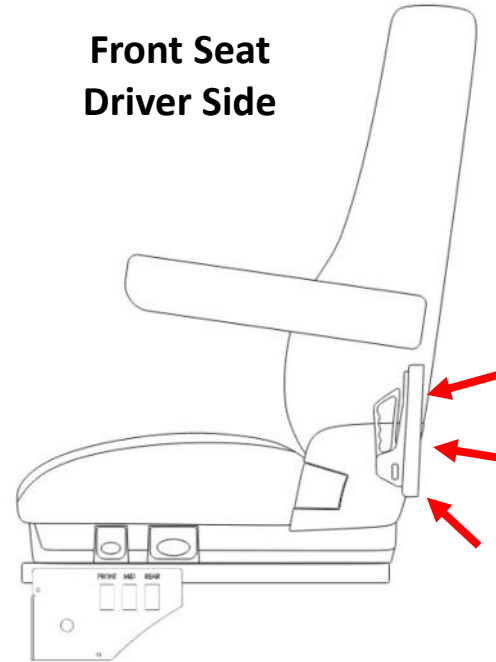
• **Location:**

- The **first lever** is located on the unit's wall next to the driver's seat.
- The **second lever** is located inside the unit, on the left side of the main passenger door entrance.

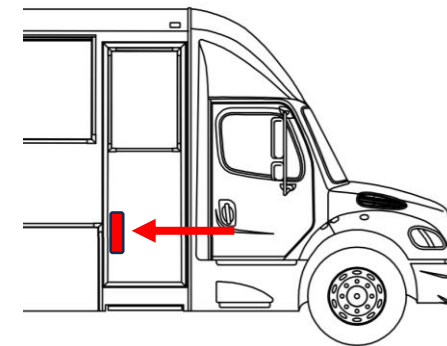
• **How to use:**

Pull the lever firmly to unlock the doors.

Front Seat Driver Side



Driver Side



Curb Side

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Notes and Warnings for Air Release Valve and Manual Operation Levers

NOTE

The levers and valve are designed exclusively for exceptional situations, such as blockages or failures in the automated system.

NOTE

Before operating the levers or valve, ensure that the surrounding areas are clear to avoid risks.

WARNING

Do not operate the levers or valve while the vehicle is in motion. This could compromise the safety of the system and passengers.

CAUTION

If the doors do not respond after using the valve or lever, this could indicate a serious issue with the air mechanism or the automated system.

CAUTION

Using the levers or valve repeatedly without need can wear out the door mechanism.

CAUTION

Regularly check the condition of the levers and valve during vehicle maintenance to ensure their functionality in case the automated system fails.

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