Driver's Handbook

Passenger, Seat Side Electrical Outlet

B13R

VOLVO

Foreword

This information provides the service information about the operation and function of the Passenger, Seat Side Electrical Outlet in Volvo buses.

Note: Illustrations in this manual are used for reference only and may differ slightly from the actual vehicle. However, key components addressed in this document are represented as accurately as possible.

Volvo Bus Corporation
Göteborg, Sweden

Order number: 89070632

Contents

Safety Information

IMPORTANT: Before driving this vehicle, be certain that you have read and that you fully understand each and every step of the driving and handling information in this manual. Be certain that you fully understand and follow all safety warnings.

IT IS IMPORTANT THAT THE FOLLOWING INFORMATION BE READ, UNDERSTOOD AND ALWAYS FOLLOWED.

The following types of advisories are used throughout this manual:

⚠ DANGER

Danger indicates an unsafe practice that could result in serious personal injury or death. A danger advisory banner is in **white** type on a **black** background with a **black** border.

⚠ WARNING

Warning indicates an unsafe practice that could result in personal injury. A warning advisory banner is in **black** type on a **gray** background with a **black** border.

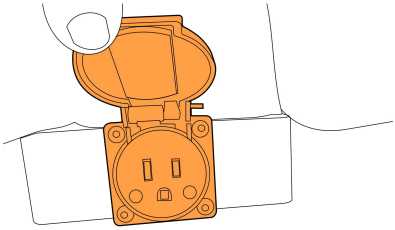
⚠ CAUTION

Caution indicates an unsafe practice that could result in damage to the product. A caution advisory is in **black** type on a **white** background with a **black** border.

Note: Note indicates a procedure, practice, or condition that must be followed in order for the vehicle or component to function in the manner intended.

System Overview

Some vehicles can be equipped with 127 V AC passenger, seat side electrical outlets. The circuit may have up to twenty four(24) outlets.



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As standard, one electrical outlet, is located in front of each pair of passenger seats.

CAUTION

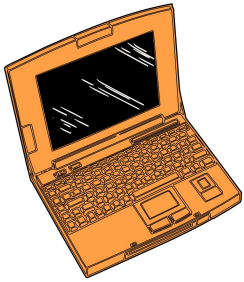
Only laptop computer may be connected to the electrical network.
Connecting any other electrical device may cause a malfunction of the electrical network.

2 Passenger, Seat Side Electrical Outlet

Network System Description

Passengers can use the electrical outlets to connect their laptop computer.

A maximum of sixteen (16) laptop computers can be connected at same time.



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Electric Network Operation

The following conditions must be satisfied before the electrical network can be used.

1. Engine Speed must be greater than 1000 RPM.

2. Wheel Chair Lift (WCL) must be inactive.

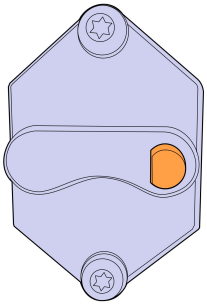
Note: If this required condition is not met, the operation relay will not activate and electrical network will not function.

Note: If the vehicle does not have a WCL condition 2 does not apply.

4 Passenger, Seat Side Electrical Outlet

Resetting Electric Network 127 V.

To protect the vehicle, the electrical network has a thermal circuit breaker to disconnect the power supply if the load exceeds 25A.



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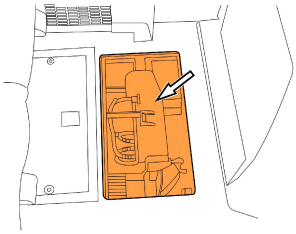
In the event of a circuit interruption the passengers must disconnect their laptop computer prior to resetting the circuit breaker. Leaving devises connected to the electrical network may damage the devises or cause a repeat circuit interruption.

There is an 50A fuse protecting the electric network. This fuse is located in the fuse and relay box in the interior bus floor behind the operators seat.



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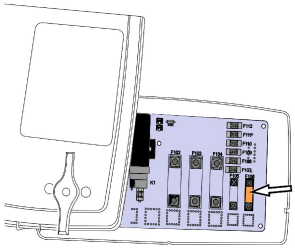
If the fuse fails, it should be replaced by an 50A fuse. Never insert a fuse of a higher amperage rate.
Replacement of this fuse should be performed **by a properly trained technician**.



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WARNING

Failure to use proper circuit protection devices in the vehicle can result in damage to the vehicle and its components. Replace blown fuses only with fuses of the same rating. Replace fusible links only with proper replacement parts of the exact gauge and length. Failure to use proper circuit protection could overload the circuit, causing damage to the vehicle and a possible fire, and personal injury

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