

# VAGHAUS LB

## Client Preparation Requirements

Before starting a remote session, ensure the following:

### Hardware:

- Windows laptop (Windows 10 or newer recommended)
- Stable internet connection (minimum 10 Mbps recommended)
- DOIP-capable OBD interface (Ethernet-based connection required for MLB Evo systems)
- Vehicle battery stabilized (recommended charger connected)

## Required Software Setup

Install ONE of the following remote connection tools (do not install both unless instructed):

### Option 1 — ZeroTier:

Download: <https://www.zerotier.com/download/>

Steps:

1. Install ZeroTier on your laptop
2. Open ZeroTier
3. Wait for network ID to be provided via WhatsApp
4. Join network using provided ID

### Option 2 — SoftEther VPN:

Download: <https://www.softether.org/5-download>

Steps:

1. Download SoftEther VPN Client
2. Install and open VPN Client Manager
3. Create new VPN connection (details provided via WhatsApp)
4. Connect when instructed

*Note: Connection details are provided only after compatibility confirmation.*

## Session Preparation Checklist

Before session:

- Connect DOIP interface to vehicle and laptop
- Ensure ignition ON (engine not required unless specified)
- Disable sleep mode on laptop
- Close unnecessary applications
- Ensure stable internet (no mobile hotspot if unstable)

## Remote Session Workflow

1. Compatibility confirmed via WhatsApp
2. Required software installed
3. Remote connection established
4. System checked before execution
5. Payment confirmed
6. Operation executed
7. System verification after completion

## Important Notes

- Remote sessions are performed only after compatibility confirmation
- Incorrect setup may delay or cancel the session
- MQB systems are not supported for ABS C123EF0 repair
- Use only recommended connection tools

# VAGHAUS Remote File Service Instruction Guide

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## Remote Services Overview

VAGHAUS provides specialized remote and remote file services for Audi, Volkswagen, Porsche, Bentley, and Lamborghini electronics. Services are performed remotely for compatible systems upon request and confirmation and are commonly used by workshops and technicians requiring module-level solutions.

## Remote ABS C123EF0 Repair (Live Session)

**Technical Overview:** The C123EF0 fault (Hydraulic Brake Booster limit reached) is triggered by internal counter limitations.

**Supported Platform:** MLB Evo architecture.

**Note:** MQB platform vehicles are not supported for this specific ABS repair.

**Supported Vehicles:** Audi (A4, A5, A6, A7, A8, Q5, Q7, Q8), Porsche Cayenne, Bentley Bentayga/Continental, Lamborghini Urus, VW Touareg.

**Supported Part Numbers:** 4K0907379, 4M0907379, 4M6907379, 4N0907379, 80A907379, 8W0907379.

### Requirements:

Remote access is established using ZeroTier or SoftEther VPN depending on system requirements. Configuration details are provided directly via WhatsApp.

### Process:

1. Contact via WhatsApp to confirm compatibility
2. Prepare laptop, DOIP cable, and stable internet
3. Install ZeroTier or SoftEther VPN (instructions provided via WhatsApp)
4. Secure remote connection is established
5. Payment is completed after connection
6. Repair is executed within seconds

## Remote File Services Workflow

Remote file services are performed without live vehicle connection. Files are read locally and processed remotely after compatibility confirmation.

### Workflow:

1. Contact via WhatsApp with details
2. Compatibility is confirmed
3. File reading guidance provided if needed
4. File is submitted
5. Payment is completed

All services are performed from our Lebanon-based facility. Remote support is provided based on incoming requests and confirmed compatibility.

6. Processed file is delivered

## **Lithium Battery BMS File Repair**

**Typical Cases:** Battery not charging or entering protection mode, 48V system faults, BMS lock conditions after accident or safety event, BMS locked due to deep discharge or voltage drop.

**Technical Context:** The BMS may enter a locked or protected state following crash events, voltage instability, or deep discharge. This prevents normal battery operation even when hardware is functional.

**Supported:** Audi and Porsche lithium battery systems (12V / 48V).

## **Airbag Crash Data Repair**

**Typical Cases:** Crash data stored in SRS module, Airbag warning after repair, module requiring reset after deployment.

**Supported Systems:** Audi, VW, and Porsche SRS modules. Additional platforms depending on module type.

## **Immo Off File Processing (Off-road use only)**

**Application Scope:** Off-road vehicles, test environments, engine swaps or development use.

**Technical Context:** Processing is performed on ECU EEPROM or Flash data depending on system architecture and protection level.

**Supported Platforms:** Primarily Audi, Volkswagen, and Porsche ECUs.

## **Pricing Overview**

- **Remote ABS C123EF0 Repair:** Starting from \$200 (Final pricing depends on vehicle platform. Premium platforms such as Bentley and Lamborghini are priced accordingly).
- **Lithium Battery BMS File Repair:** \$100 - \$180 depending on condition.
- **Airbag Crash Data Repair:** \$50 - \$90 depending on module type.
- **Immo Off File Processing:** Starting from \$50 up to \$150 depending on complexity.

## **Frequently Asked Questions**

**Q: How fast is ABS repair?**

A: Once connection is established and payment is completed, execution time is typically under one minute.

**Q: Is compatibility required?**

A: Yes. All services are performed only after confirming system compatibility.

**Q: Are file services live or offline?**

A: File services are processed offline after file extraction and submission.

**Q: Is ZeroTier required for all services?**

A: No. It is used only for live ABS remote sessions.

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**Payment Methods:** Western Union / USDT

**WhatsApp Support:** +961 81 765 428