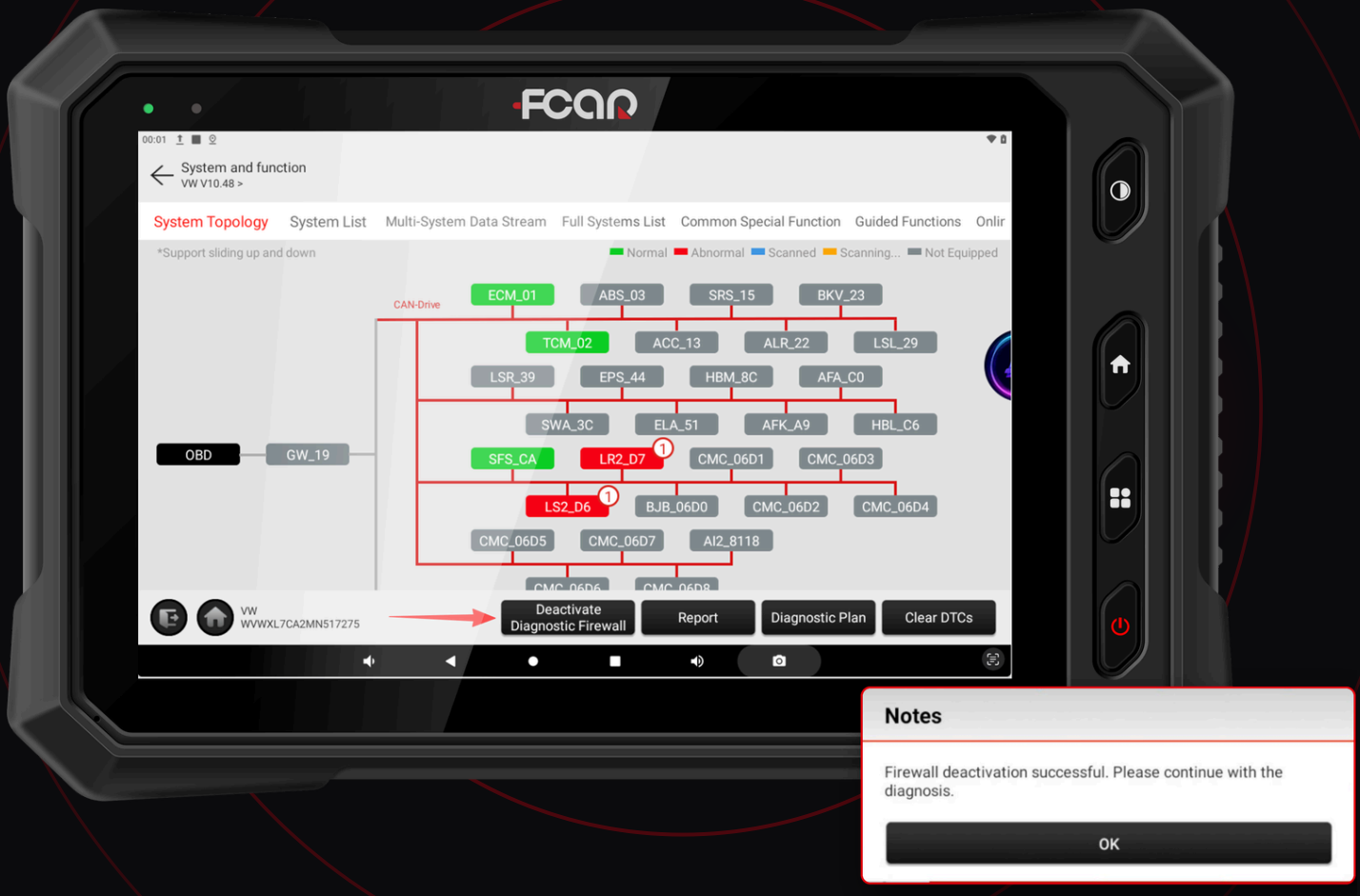
FCAR F9S · VAG GROUP DIAGNOSTICS

FCAR F9S · VAG SGW

Unlocking the security gateway



How to register the tool, activate the F-Code and unlock the security gateway (SFD) on Volkswagen, Audi, Škoda, SEAT, CUPRA, Bentley and Lamborghini vehicles, for access to every diagnostic function.

FCAR F9S · SGW

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CHAPTER 1

What it is and what you need

1.1 What it does

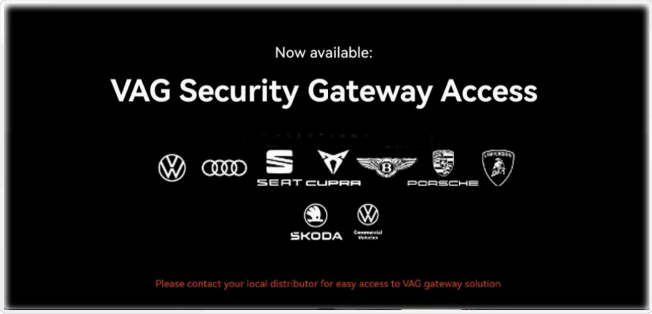
Recent Volkswagen group (VAG) vehicles protect their control units with a **security gateway (SGW)**, which Volkswagen calls **SFD** (*Schutz Fahrzeug Diagnose*, vehicle diagnostic protection). While it is locked, the functions that require it cannot be run on the protected control units: basic settings, adaptations, coding and other special functions.

The F9S unlocks the gateway online and gives you **access to every diagnostic function** of the vehicle.

Tools: F9S series.
Makes: the VAG group (Volkswagen Aktiengesellschaft): Volkswagen, Audi, Škoda, SEAT, Bentley and Lamborghini, among others.



F9S series



VAG security gateway access

> **Important:** the function comes with the tool's software updates. Keep your F9S up to date.

1.2 Before you start

Unlocking needs four things. The last three are set up only once, except the F-Code, which is renewed when it expires:

- ✓ **Up-to-date tool** running a version with VAG unlocking.
- ✓ **Approved SGW registration:** your details and your workshop's, reviewed by FCAR. The review takes about 2 working days (section 2.1).
- ✓ **Active F-Code:** unlocking is a paid function (section 2.2).
- ✓ **Google Authenticator** on your phone, linked to the tool the first time you unlock (sections 2.3 and 3.2).

> **Tip:** register before you need it. If you do it with the car already in the workshop, you will have to wait for approval.

1.3 Supported vehicles

Models with SFD level 1 and level 2. The dates show from when, or between which dates, each model is covered.

Make	SFD level 1	SFD level 2 *
Volkswagen	Golf 8 (CD) 2019– · ID.3 (E1) 2019– · ID.4 (E2) 2020– · ID.5 (E3) 2022– · Caddy (SB) 2021– · Transporter T7 (ST) 2021–	Touareg (CR) facelift 2024 · Passat B9 (CJ) 2024 · ID.7 (ED) 2024 · Arteon (3H) 2024 · Golf 8 (CG) 04/2024 · Polo (AE1) 03/2024 · T-Cross (D31) 2024 · Touran (5T) 03/2024 · T-Roc (D11) 03/2024 · T-Roc (AC8) 03/2024 · Taigo (CS) 03/2024 · Tiguan Allspace (BJ2) 02/2024 · Touareg (RC) · ID.3 (E12) 2025 · ID.4 (E21) 01/2024 · ID.5 (E39) 01/2024 · ID. Buzz 2025 · Crafter (SY) 2025 · Transporter T7 2025
Audi	A3 (8Y) 2020– · Q4 (FZ) 2021– · A6 (F2) 2018–2023	A1 (GB) 03/2024 · A3 (8Y) 2025 · A4 (8W) 2024 · A5 (F5) 2024 · A6 (4A) 2024 · A7 (4K) 2024 · A8 (4N) 2024 · Q2 (GA) 03/2024 · Q3 (F3) 03/2024 · Q4 (F4) 11/2024 · Q5 (FY) 2024 · Q7 (4M) 08/2023 · Q8 (4M) 08/2023 · Q8 (GE) · e-tron (GE) 2024 · e-tron GT (F8) 2024
Škoda	Enyaq (5A) 2020– · Octavia (NX) 2019–	Fabia (PJ) 2024 · Kamiq (NW4) 01/2024 · Scala (NW1) 01/2024 · Karoq (NU) 03/2024
SEAT	León (KL) 2020–	Arona (KJ7) 02/2024 · Ateca (KBP, KHP) · Ibiza (KJ1) 02/2024 · León (KL) 2025 · León (KU) 2025
CUPRA	Formentor (KM) 2020– · León (KL) 2020– · Born (K1) 2021–	Born (K11) 2025 · Formentor (KM7) 2025
Lamborghini	Huracán EVO · Aventador SVJ · Urus · Sián FKP 37	
Bentley	Bentayga · Continental GT · Flying Spur	

* Coverage grows with every diagnostic software update. Check the release notes of each version.

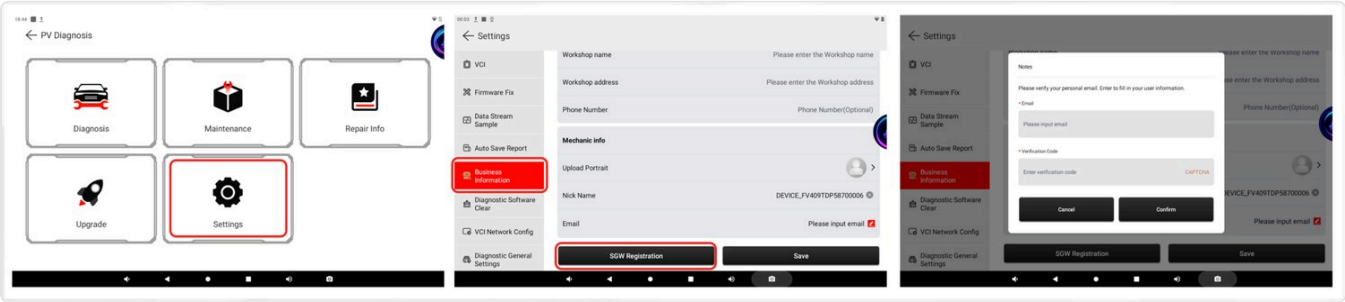
CHAPTER 2

Preparation

The screenshots show the English version of the software.

2.1 SGW registration

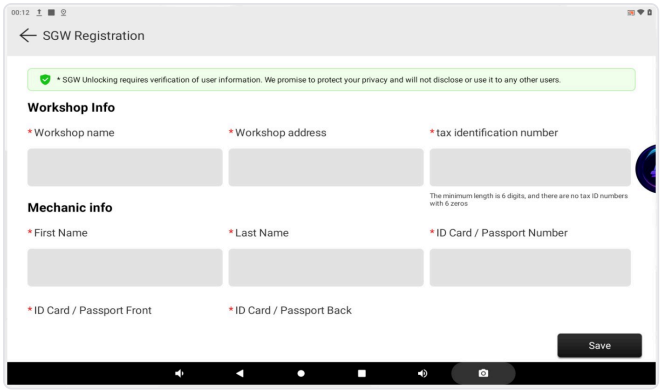
1. Update the tool to a version that supports VAG unlocking.
2. Go to `Settings` → `Business Information` → `SGW Registration`. The email verification window opens: enter your personal email address and then the code sent to it.



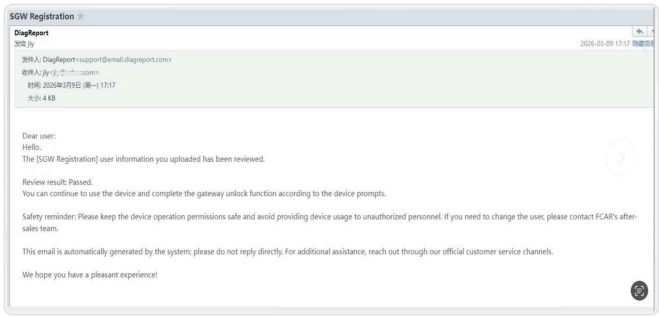
Settings → Business Information → SGW Registration

Note: if your user already has an email address linked, verification is done with that address. It cannot be changed freely: to change it, contact FCAR after-sales.

3. Fill in the workshop details (name, address and tax ID) and the technician's details (first name, last name, ID card or passport number and a photo of both sides of the document). Tap `Save`, bottom right: the details are sent to FCAR and the registration awaits review.
4. The review usually takes 2 working days and the result is sent to you by email. If it is not approved, the email gives the reason: correct the details and send them again.



Workshop and technician details

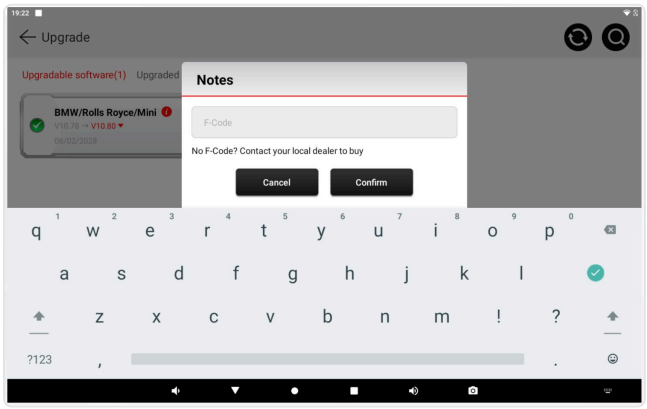


Email with the review result

Important: VAG SFD requires the user's personal details to be verified. FCAR undertakes to protect your privacy: your details will not be disclosed or used for anything else. The gateway cannot be unlocked until the registration has been sent and approved.

2.2 F-Code activation

1. VAG gateway unlocking is a paid function, activated with an FCAR **F-Code**. If you do not have one or it has expired, ask your dealer.
2. In `Upgrade`, tap `Renewals`, bottom right, and enter the F-Code to activate the function.



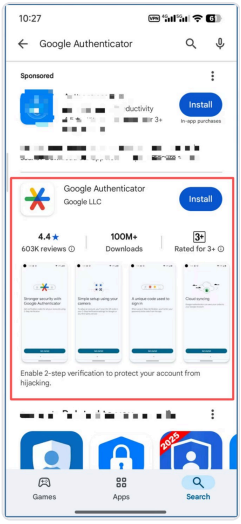
Entering the F-Code

> **Note:** the F-Code validity can be checked in `Gateway Unlock`. If it is not activated or has expired when you unlock, the tool warns you and takes you to activate it.

2.3 Google Authenticator

For security, the first time you unlock you must scan a QR code with the **Google Authenticator** app on your phone to link the `FCAR SGW` account. After that, every unlock asks for the dynamic code generated by the app.

Download it to your phone: on iPhone from the App Store, on Android from Google Play. Search for “Google Authenticator”.



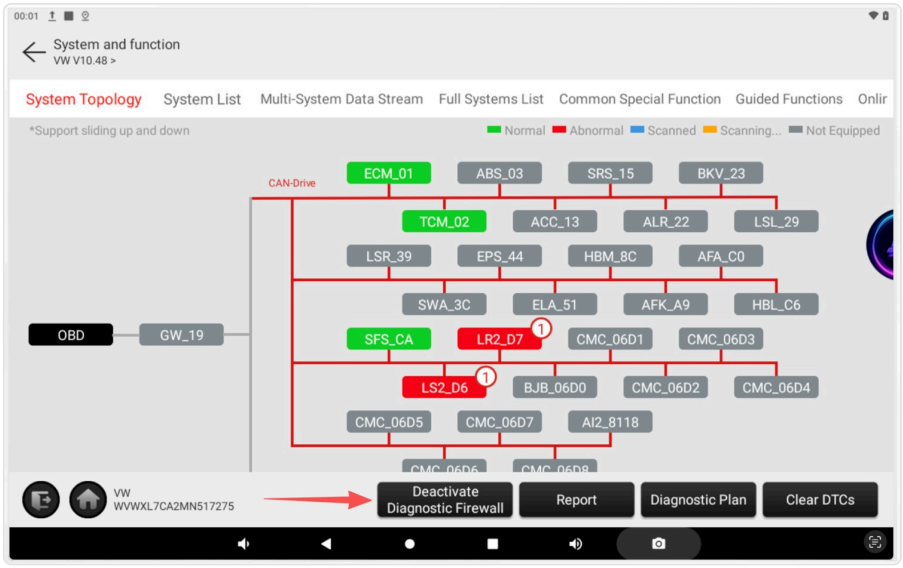
Google Authenticator on Google Play

CHAPTER 3

Unlocking and diagnostics

3.1 Starting diagnostics

1. Start with `Intelligent Diagnosis`, which reads the VIN and opens the model automatically, or select the vehicle software manually.
2. On models with VAG unlocking, the topology screen shows the `Deactivate Diagnostic Firewall` button. Tapping it starts the information verification.



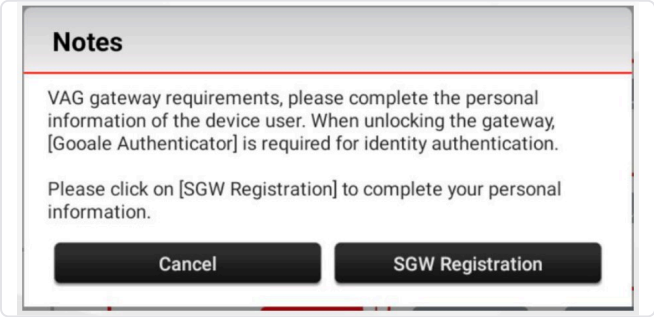
Vehicle topology with the unlock button

Diagnostic software with gateway unlocking:

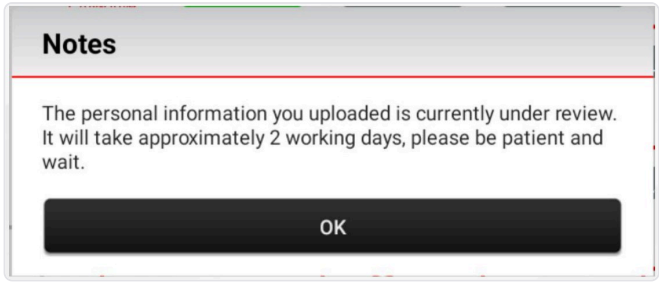
- **VAG:** VW, AUDI, SKODA, SEAT, YQVW, SHVW, EV_VW, EV_AUDI, EV_SKODA, EV_SEAT, EV_YQVW, EV_SHVW, DS_VW and PORSCHE.
- **Within VW:** BENTLEY, BUGATTI, LAMBORGHINI, VW_CV and MAN_TGE. **Within EV_VW:** EV_BENTLEY, EV_BUGATTI, EV_LAMBORGHINI, EV_VW_CV and EV_MAN_TGE.
- **Within SEAT:** CUPRA. **Within EV_SEAT:** EV_CUPRA.

3.2 Information verification

1. Tap `Deactivate Diagnostic Firewall` to start the verification.
2. If you have not sent your SGW registration details, or they are still under review, a message appears: send them or wait for approval.

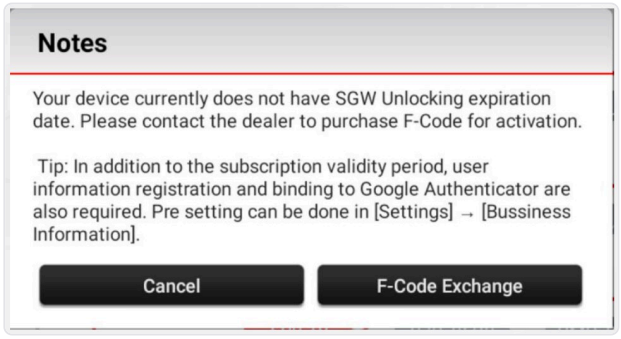


Message: registration details not sent



Message: details under review

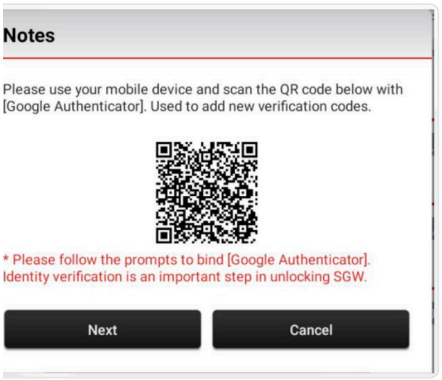
3. If the F-Code is not activated or has expired, a message appears asking you to activate it.



Message: F-Code not activated or expired

> **Note:** with the registration approved and a valid F-Code, these messages do not appear and you go straight to step 4.

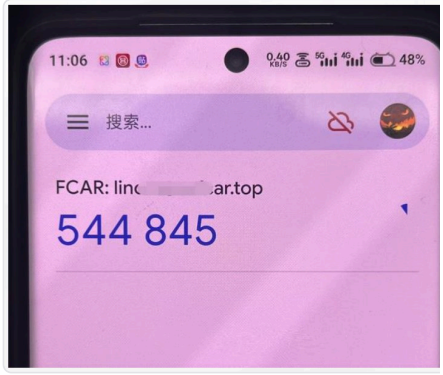
4. The screen shows the QR code of `FCAR SGW`. Open Google Authenticator on your phone and scan it: the account is linked and the app starts generating its dynamic code.



FCAR SGW QR code

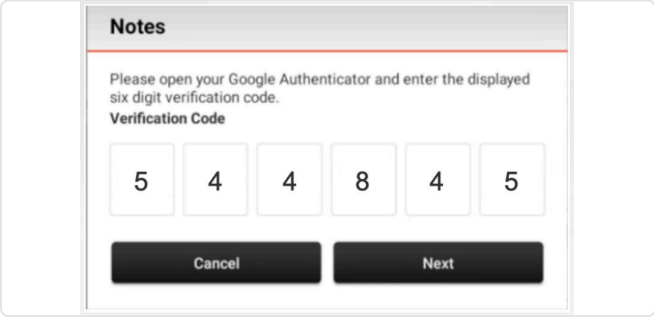


Scanning with Google Authenticator

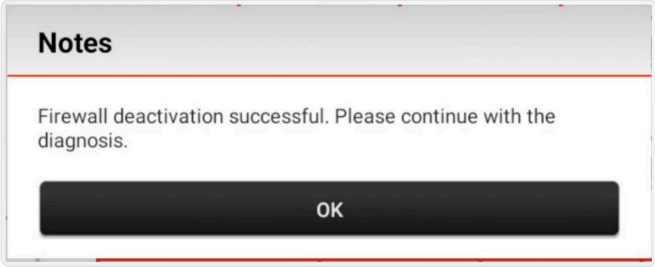


FCAR SGW linked

5. Enter on the tool the `FCAR SGW` dynamic code shown on your phone.



6-digit code on the tool

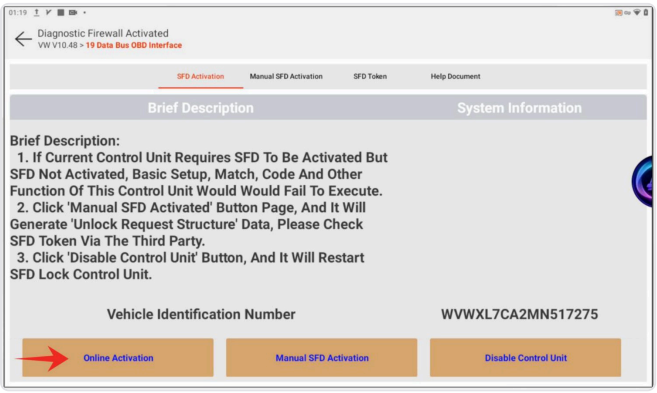


Firewall deactivated

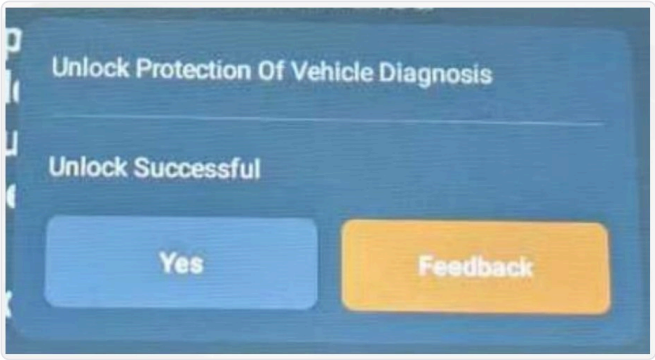
> **Note:** the QR code is only scanned the first time. The dynamic code is required for every unlock.

3.3 Online activation

1. When you choose a special function that needs the SFD unlocked, the tool takes you to this screen. Tap `Online Activation`.
2. When `Unlock Successful` appears, unlocking is complete.
3. Tap `Yes` to go back and continue with diagnostics.



SFD online activation



Unlock successful

CHAPTER 4

Troubleshooting

4.1 “Function Not Activated” message

What happens: when you tap `Online Activation`, the message “Function Not Activated. Please Contact The Dealer To Purchase it” appears.

Solution: your user details have not been verified and sent. Go back to the topology, tap `Deactivate Diagnostic Firewall` and repeat the information verification (section 3.2).

4.2 “Failed To Activate The SFD” message

What happens: when you tap `Online Activation`, the message “Failed To Activate The SFD (Vehicle Diagnostic Protection)” appears.

Solution: your details have been sent, but access to the unlock service failed. Exit diagnostics, send the diagnostic feedback from `Feedback` and contact FCAR after-sales.

> **FCAR Europe after-sales:** +34 951 108 660 · info@fcareurope.com

One connected workshop, flawless diagnostics.

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