



CAN · LIN · ADC · BUS IMMOBILISER

LockCAR CAN-IMMO

Vehicle immobiliser with multi-network button detection, PIN sequence unlock, TRUST tag presence, and anti-hijack protection.

USER MANUAL

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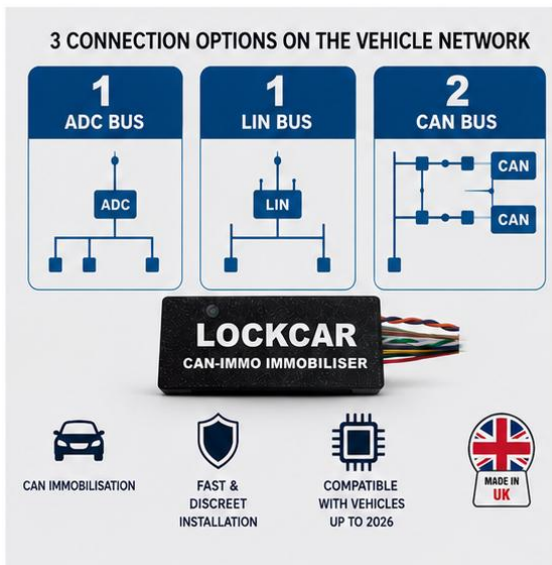


Introducing LockCAR CAN-IMMO

A CAN BUS immobiliser fitted by an authorised installer. It uses buttons already on your dashboard as a hidden unlock sequence - no extra remote to carry.

How it works

Your installer connects a small module to your vehicle's CAN bus, LIN bus, or ADC button inputs. The module recognises a button sequence your installer programmed.



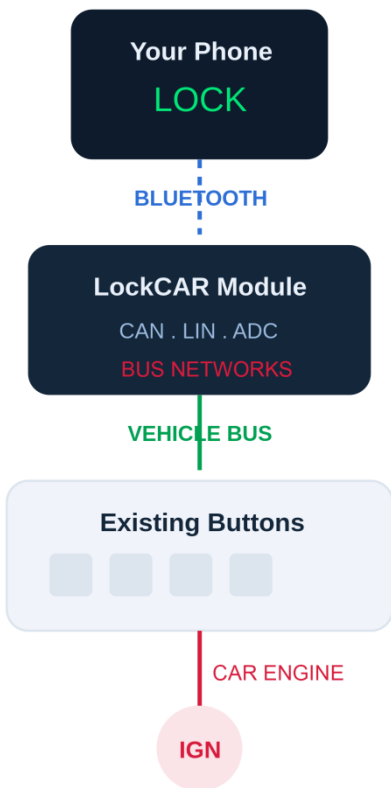


Fig. 1 - Phone, module and vehicle buttons chain.

When the sequence is correct, your tag is nearby, or you tap UNLOCK, the module releases the ignition circuit.

Not a Normal Alarm

- No visible extra hardware - existing buttons become the unlock method
- Multiple layers - PIN, tag presence, anti-hijack, shock alarm
- Full phone control - live status, switch modes anytime



LOCKCAR
CAN-IMMO IMMOBILISER

NO PIN - NO START

Modern anti-theft system for vehicles up to 2026 that immobilises the engine via the CAN network.

LOCKCAR
CAN-IMMO IMMOBILISER

MADE IN UK

1 ADC BUS

1 LIN BUS

2 CAN BUS

1/5

MADE IN UK – ADVANCED SECURITY YOU CAN TRUST

The advertisement features a dark blue background with a car silhouette and a shield icon. It includes a 'MADE IN UK' badge with the Union Jack and a row of icons representing various vehicle communication protocols and connectivity options.

Safety Notices

READ BEFORE USE

A security accessory, not a substitute for attentive driving. Never interact with the app while driving.

INSTALLATION

Must only be installed by an authorised LockCAR installer.

ANTI-HIJACK

Can stop the engine while driving if your tag is undetected. See Section 9.

EMERGENCY

Vehicle won't start? Don't attempt to bypass it yourself - contact your installer.

Connecting Your Phone

3.1 Install the app

Download LockCAR CAN from the App Store or Play Store. Allow Bluetooth and Location permissions.

3.2 First connection

- Turn ON Ignition vehicle
- Open the app - it scans for nearby devices
- Select your device, tap connect
- Confirm the 6-digit passkey shown
- Tick "Remember this device"

TIP

Once remembered, the app reconnects automatically - no need to repeat pairing.

Forgetting a Device

To stop auto-reconnect - e.g. selling the vehicle - open the device chip on your Dashboard and choose Forget Device. This clears the saved pairing on your phone only.

The Dashboard

Shows live protection status and gives you LOCK/UNLOCK control.

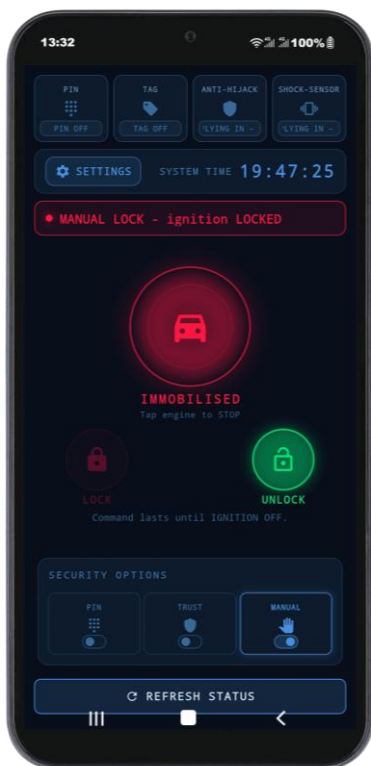


Fig. 2 - Status cards, banner, LOCK/UNLOCK.

Status Cards Explained

Card	Meaning
PIN	Button-sequence feature active/entered
TAG	TRUST mode, tag detected nearby
ANTI-HIJACK	Engine-cut protection armed
SHOCK	Impact alarm status

Security Options

At the bottom of the Dashboard, switch between PIN, TRUST, and MANUAL. You can change this yourself any time.

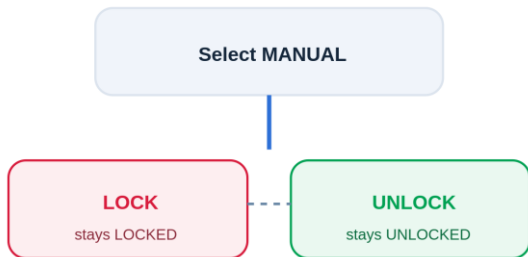
Operating Modes

Mode	Unlock via	Resets?
AUTO	PIN and/or TRUST	Yes
PIN	Button sequence	Yes
TRUST	Bluetooth tag nearby	Yes
MANUAL	App LOCK/UNLOCK	No

MANUAL IS DIFFERENT

Once you choose MANUAL, LOCK/UNLOCK stays set permanently - even after ignition off and power loss - until you tap the opposite button.

MANUAL Mode Behaviour



Ignition ON/OFF,
reboot, power loss:

NO CHANGE

until you tap the
opposite button

Fig. 3 - MANUAL persists across power cycles.



Choosing a Mode

5.1 PIN

Exact button sequence required each ignition cycle. Good for shared vehicles.

5.2 TRUST

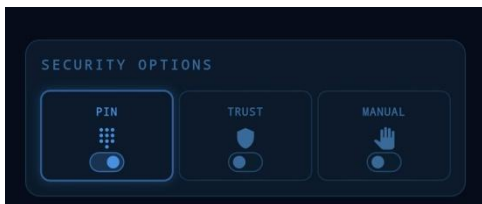
Unlocks automatically when your paired tag is nearby. No PIN entry needed.

5.3 MANUAL

Full direct control from the app, nothing automatic. Useful for servicing/transport.

NOTE

In MANUAL, PIN/TRUST/Anti-Hijack/Shock do not apply.



Locking & Unlocking

Mode	Effect of tap
MANUAL	Applied immediately, stays permanent
TRUST	Held 30s, then returns to auto
Other	Lasts until ignition off

COUNTDOWN BAR

In TRUST mode, a 30-second bar shows a temporary override before automatic behaviour resumes.

Entering Your PIN

Your installer taught the module a short sequence of presses on your vehicle's own buttons.

- Turn ignition on
- PIN card shows "NOT ENTERED"
- Press buttons in your sequence
- Card switches to "ENTERED"

FORGOT IT?

Contact your installer to reprogram it. LockCAR support cannot retrieve it directly.

TRUST Tag

A small Bluetooth key. The module checks whether it's within range continuously.

Situation	Card shows
Tag nearby	AUTHORISED - ready
Tag absent	NOT PRESENT - locked

RANGE

Set by your installer to match your usual parking distance.



Anti-Hijack

Confirms your tag is present while driving. If missing for 5 minutes, the engine is stopped.

IMPORTANT

Only enable if every driver understands this behaviour. Discuss with your installer.

Shock Sensor & Alarm

Motion/impact sensor triggers an alarm when armed. Sensitivity set by your installer (0–6).

Status	Meaning
ALARM ENGAGED	Armed, monitoring
BYPASSED - PIN	Disarmed via PIN
BYPASSED - TAG	Disarmed via tag
DISARMED	Silenced until ignition off

App Settings

- Device name - rename in the scan list
- Theme - dark / light
- Forget device - clear auto-reconnect
- Passkey - re-entered to confirm some changes

INSTALLER-LEVEL

Output polarity, shock level, PIN programming, and network selection need installer login.

Firmware Updates

- App checks version
- Downloads & verifies if newer
- Transfers over Bluetooth
- Module verifies & restarts

DURING UPDATE

Keep the app open and phone near the vehicle. Safe to retry if interrupted.

FAQ

App can't find my device

Enable Bluetooth/Location, Turn ON vehicle Ignition, and restart the app.

Vehicle won't start

Check the Dashboard status cards first, and then contact your installer.

MANUAL stays locked after restart - normal?

Yes - see [Page 11](#).

Works without internet?

Yes, day-to-day stand-alone and by mobile app use is Bluetooth-only.

Support

Web	lockcar.co.uk
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LockCAR is a trading name of AZFO LTD 14346129.