



# Pocket AI Mechanic User Guide

Pocket AI Mechanic is designed to help enthusiasts and everyday drivers quickly diagnose vehicle faults using an OBD adapter and AI-assisted diagnostics.

## In this guide

- Add your vehicle or use photo identification to add it.
- Create diagnosis requests and optionally add photos and or OBD data.
- Review AI-assisted likely causes and troubleshooting steps.
- Use OBD tools to scan codes, view live data, and clear faults.
- Manage history, settings, and common troubleshooting issues.

## Contents

Sticky nav

1. Quick Start
2. Sign In Options
3. Main Navigation
4. Garage
5. Diagnose
6. Understanding Results
7. History
8. Settings
9. OBD Tools
10. Best Results Tips
11. Troubleshooting
12. Safety and Disclaimer

## 1. Quick Start

This is the fastest path from first launch to your first useful diagnosis.

1. Open the app and sign in, or continue without signing in.
2. Go to **Garage** and add at least one vehicle.
3. Set the vehicle as **Active**.
4. Open **Diagnose**.
5. Enter issue details, add photos, and optionally attach an OBD snapshot.
6. Submit and review **Likely Causes** and **Troubleshooting Steps**.

### Start simple

Even a short symptom description plus 1–2 clear photos can be enough to get a useful first pass.

### Best practice

Set the correct active vehicle first so the diagnosis uses the right engine, model, and context.

### Improve confidence

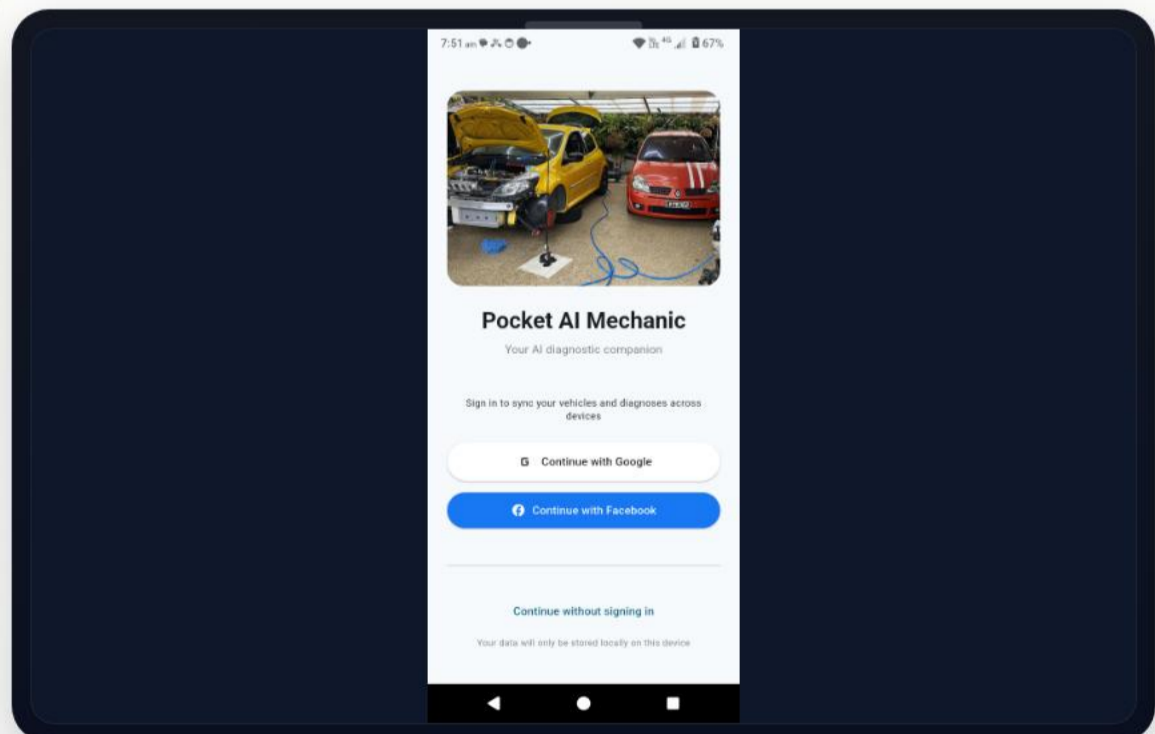
Attach OBD data whenever possible to give the app stronger technical signal.

## 2. Sign In Options

Sign-in controls whether your vehicles and reports can follow you across devices.

- **Google:** available on all supported platforms.
- **Facebook:** available on mobile and desktop.
- **Apple:** available on iOS and macOS.
- **Continue without signing in:** data stays local on the current device.

If you use guest mode, reinstalling the app or clearing local storage can remove local data.

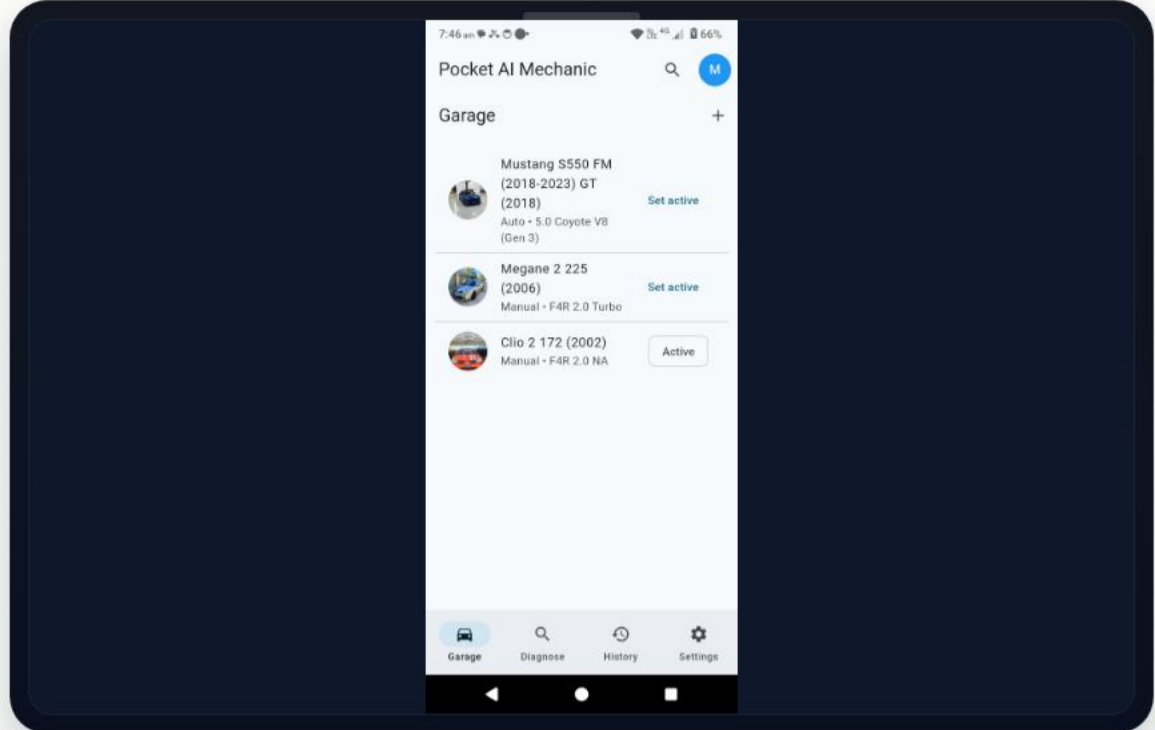


Login options screen

## 3. Main Navigation

The navigation model is designed to keep the four core flows easy to reach.

- **Top bar search icon:** opens global search.
- **Profile icon:** shows account info and logout.
- **Bottom navigation:** switches between Garage, Diagnose, History, and Settings.



Main navigation layout

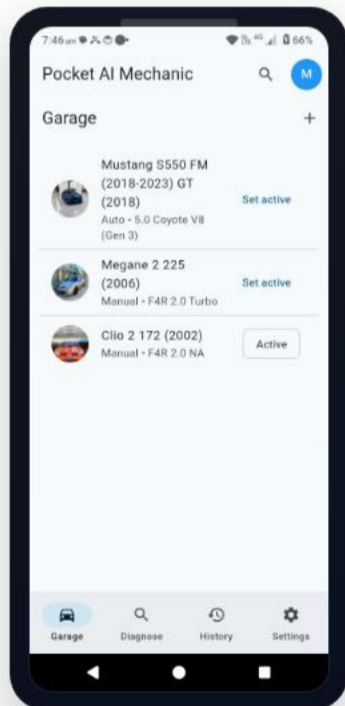
## 4. Garage

Your Garage is the source of truth for vehicle-specific diagnosis context.

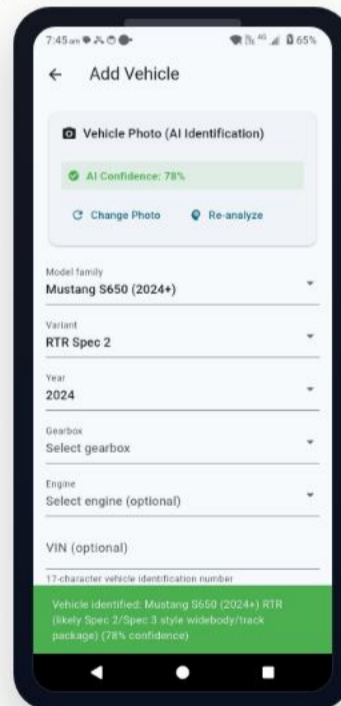
### Add and manage vehicles

- Tap **Add Vehicle** to create a vehicle record.
- Each vehicle can include year, family/model, variant, gearbox, engine, VIN, and optional image.
- Tap **Set active** on the vehicle you want to diagnose.
- Open a vehicle to edit details, modifications, insurance info, and maintenance records.

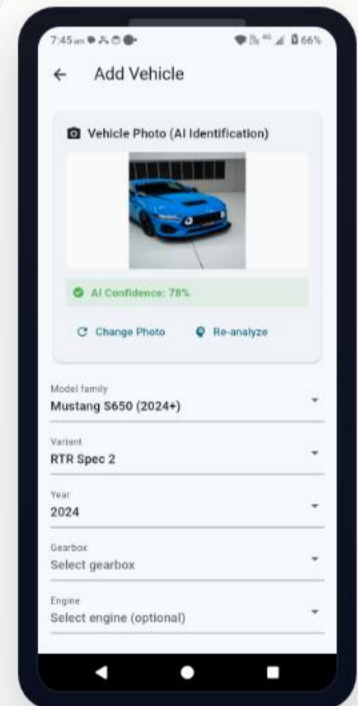
Always set the correct active vehicle before submitting a diagnosis.



Garage vehicle list



Add or edit vehicle screen



Additional add vehicle example

## 5. Diagnose

This is the heart of the app: describe the issue, add supporting context, and let the engine build a diagnosis.

### Create a diagnosis request

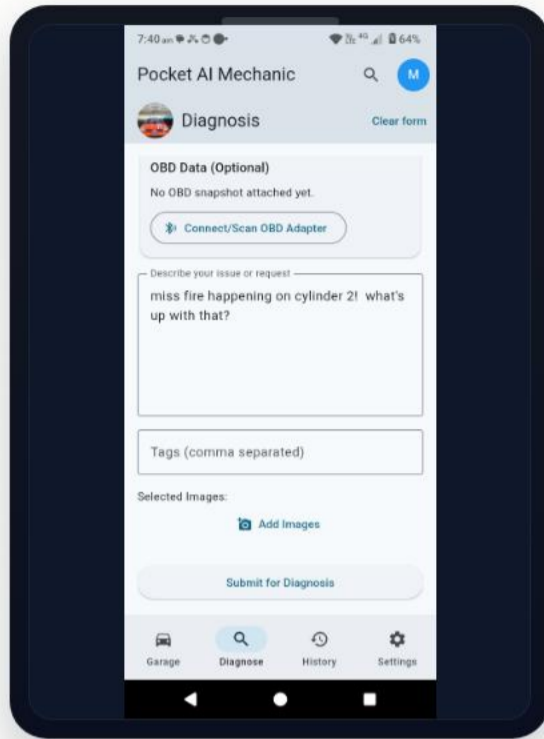
1. Confirm the active vehicle shown at the top.
2. Enter clear issue details in symptom text.
3. Add tags for easier history filtering later.
4. Add photos using the camera or image picker.
5. Optionally run **OBD Scan for Diagnosis** and attach a snapshot.

6. Tap submit to run diagnosis.

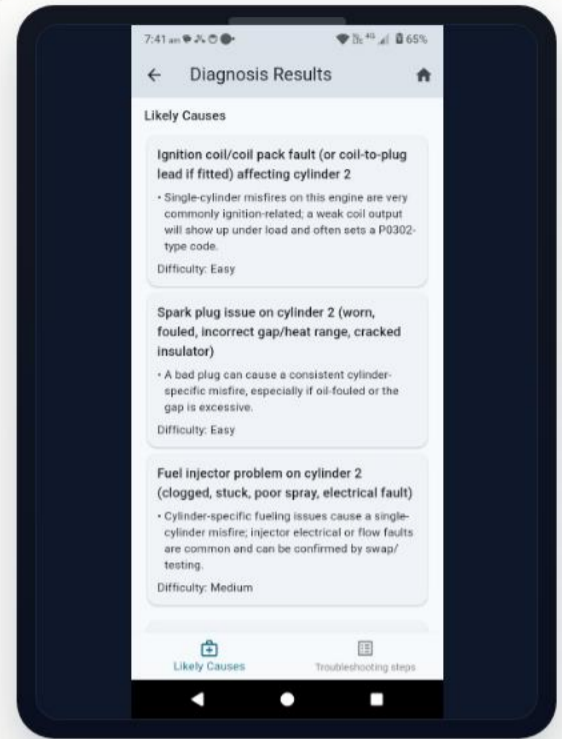
### Low-signal diagnosis flow

If the app needs more detail, it can ask guided clarifying questions before a final result is refined.

- Answer guided prompts and apply the details back to issue text.
- Resubmit with improved symptom context.



Diagnosis request form

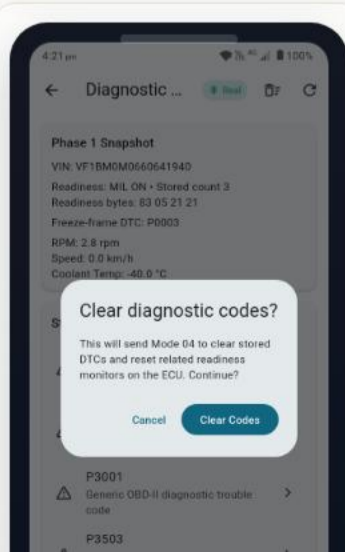
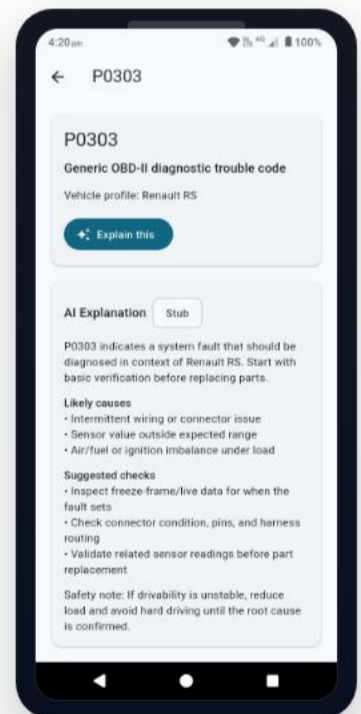
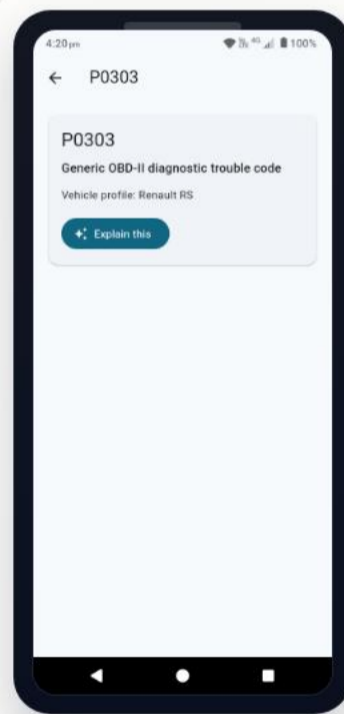
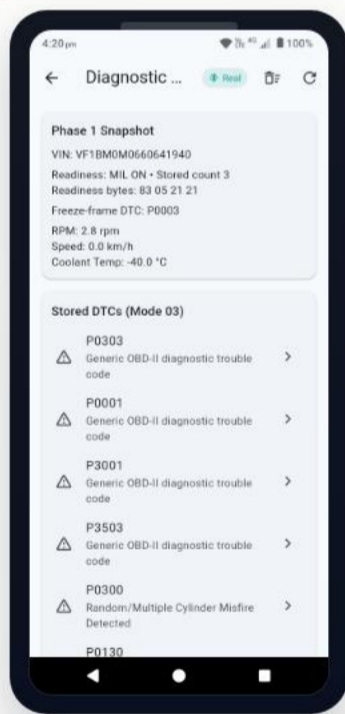


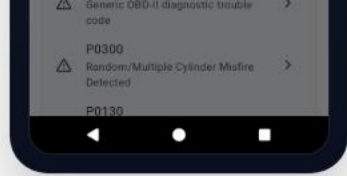
AI findings

### OBD snapshot flow

- Open OBD connect and initialize your adapter.
- Run snapshot to capture VIN, DTCs, and selected live or freeze-frame values.
- Tap **Attach to Diagnosis**.

If the ECU is not responding, switch ignition to ON, wait a few seconds, and retry snapshot.





## 6. Understanding Results

The results view balances ranked conclusions with practical next actions.

The results screen has two tabs:

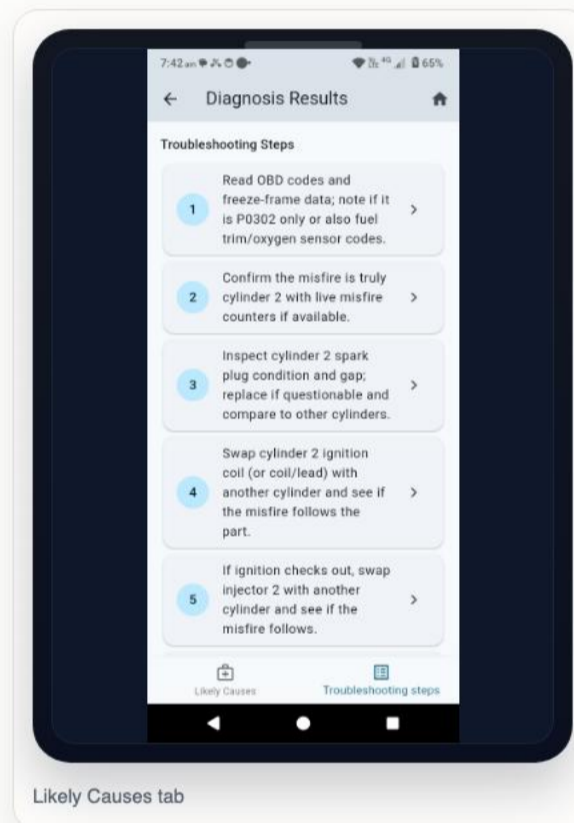
- **Likely Causes:** ranked causes with rationale and difficulty.
- **Troubleshooting Steps:** ordered actions; tap a step for detail.

### Context panels you may see

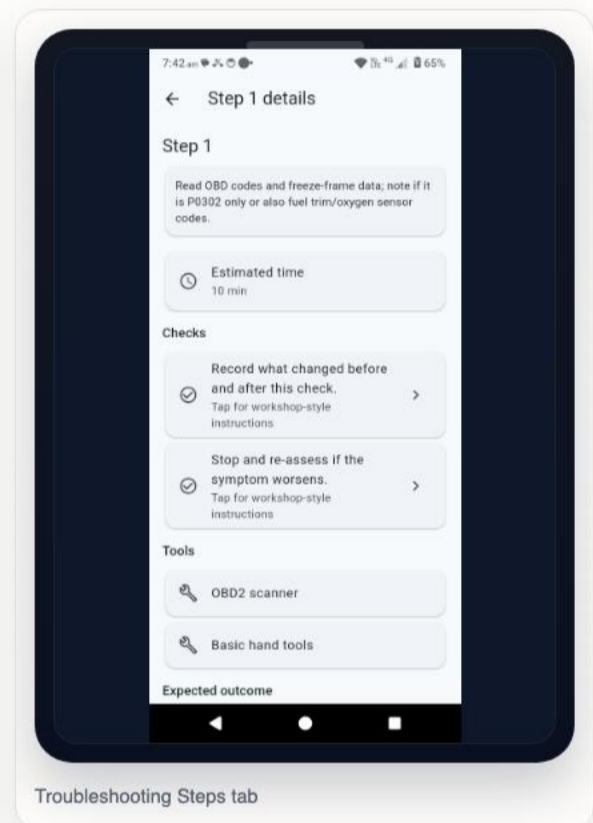
- **Safety** warning text when relevant.
- **OBD context attached / not attached.**
- **AI analysis status:** used, unavailable, or runtime unavailable.
- **Need more details:** guided prompts for refinement.

### Follow-up Q&A

- Use **Guided Details** chips or text fields, then tap **Submit Answers**.
- Ask free-form follow-up questions with **Ask AI**.
- Clear the follow-up conversation from the same card if needed.



Likely Causes tab



Troubleshooting Steps tab

## 7. History

History is where repeatability and learning start to matter.

- View previous reports by date.
- Search by symptom text or tags.
- Filter by vehicle and sort by date, vehicle, or confidence.
- Open any report to revisit full results.
- Select multiple reports for bulk delete.
- Export visible reports as CSV for copy or reuse.

## 8. Settings

Settings gives users control over AI, OBD, appearance, and local data management.

### OBD

- Open BLE connect flow for real adapter use.

### Appearance and preferences

- Theme: System, Light, or Dark.
- Units: Metric or Imperial.
- Notifications: maintenance reminders and alerts.

### Data management

- **Knowledge Packs:** view diagnostic knowledge database.
- **Export Data:** export vehicles, reports, and settings JSON in-app.

- **Import Data:** paste exported JSON to restore data.
- **Clear Cache:** clears local cached settings and data.

## 9. OBD Tools

Use the OBD tools to connect to your adapter, scan diagnostic trouble codes, review live data, and clear faults after repairs.

### Quick start

1. Plug your OBD adapter into the vehicle's OBD port.
2. Turn the ignition to ON.
3. Open the app and connect to your Bluetooth OBD adapter.
4. Run a scan to read stored fault codes and vehicle data.

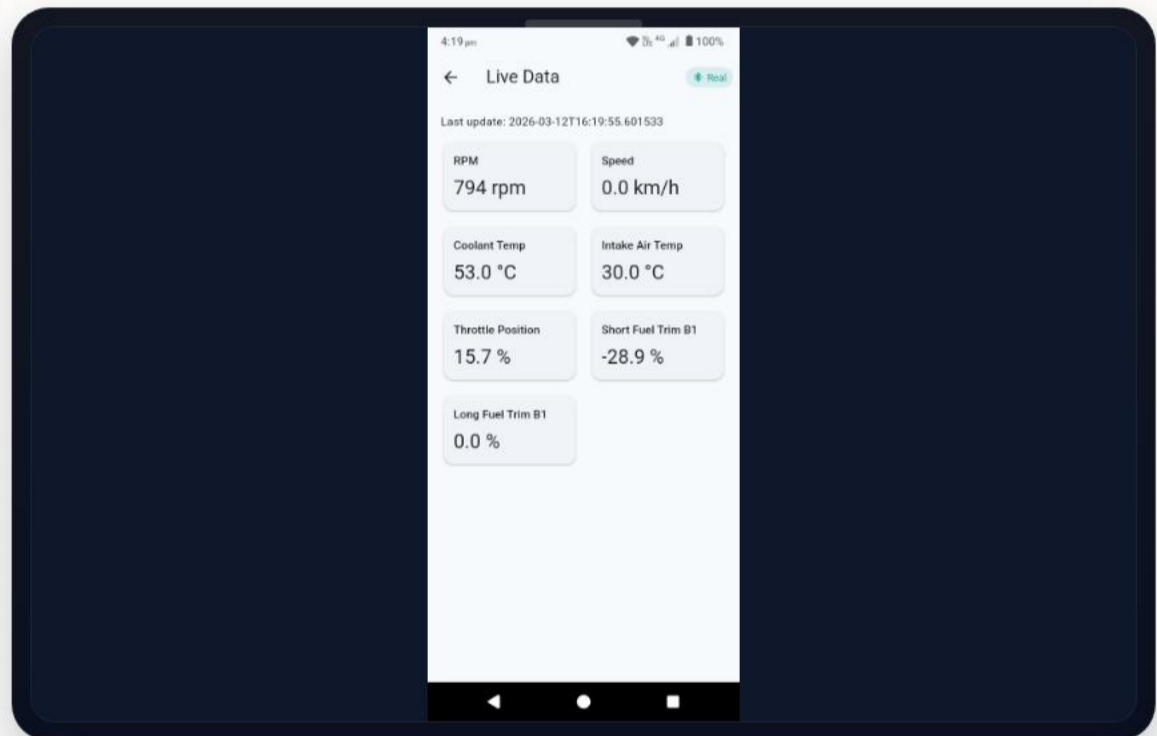
A stable Bluetooth adapter connection gives the best results for scanning, live data, and code clearing.

### Read fault codes

1. Open the OBD tools area and start a diagnostic scan.
2. Review any detected Diagnostic Trouble Codes (DTCs).
3. Open a code to see details and related diagnostic context.
4. Use the AI-assisted results to review likely causes and recommended checks.

### View live data

Use the live data dashboard to monitor values such as engine RPM, coolant temperature, throttle position, and other supported sensor readings in real time.



Live data feed

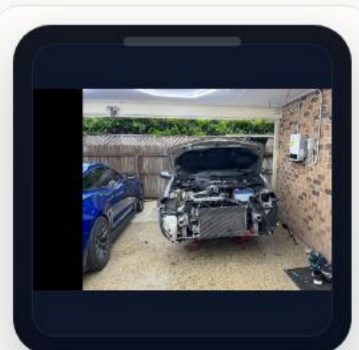
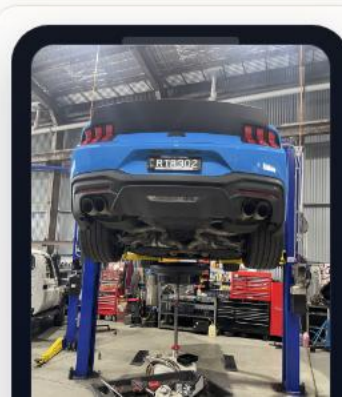
### Clear OBD faults

1. Only clear codes after repairs or checks have been completed.
2. From the fault code view, tap **Clear Codes**.
3. Confirm the action when prompted.
4. Run another scan to confirm whether the codes remain cleared.


Clearing codes can also reset the check engine light. If the underlying issue is still present, the fault may return.

### Supported vehicles

Pocket AI Mechanic has been launched with a very focused vehicle range. Renault Sport models (Clio RS, Megane RS) and Ford Mustang 2015+. Our goal is to continually validate AI findings with real world expert mechanics. The LLM's we use are already challenging even the most experienced expert specialist mechanics and the AI will naturally continue to improve month on month.



Renault Megane 225 RS



2018 Ford Mustang



2024 Ford Mustang



Renault Clio 182



Renault R26 F1

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## 10. Best Results Tips

- Describe when the problem happens: cold start, hot idle, under load, or specific RPM.
- Include recent work performed and any new noises or smells.
- Add clear, well-lit photos from multiple angles.
- Attach an OBD snapshot whenever possible for better diagnostic context.
- Use follow-up questions to narrow uncertain results.

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## 12. Safety and Disclaimer

This app provides diagnostic guidance only. It does not replace a qualified mechanic, workshop manuals, or safe repair procedures.

- Do not drive a vehicle if a fault could compromise braking, steering, or engine safety.
- Follow workshop safety standards and use proper tools and PPE.
- For high-risk or uncertain findings, seek professional inspection.