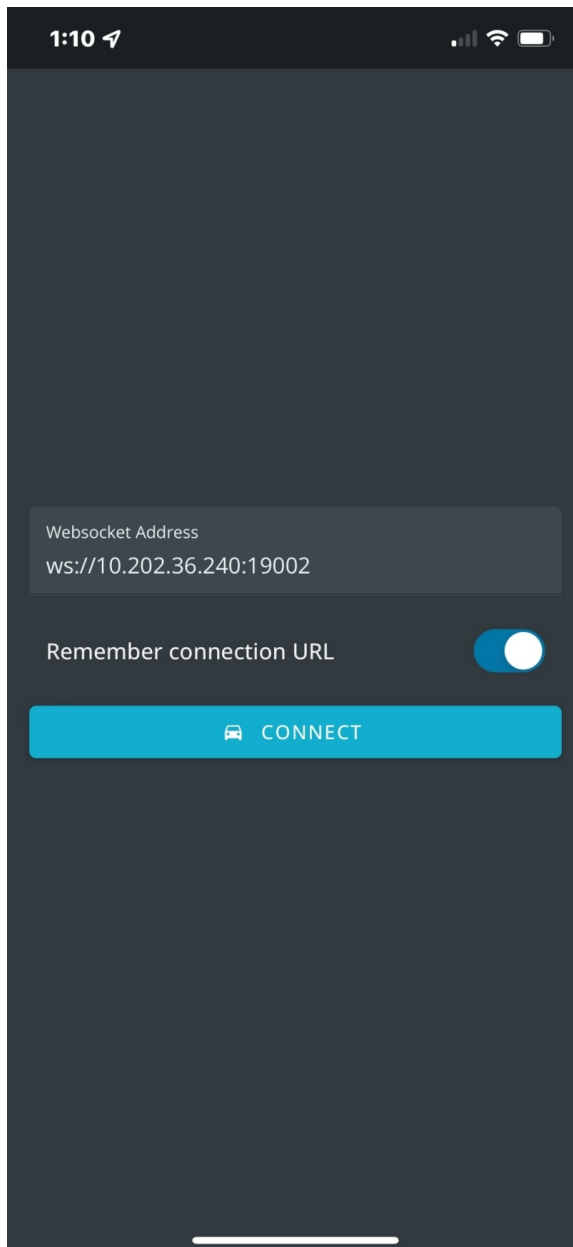


## Initial Connection



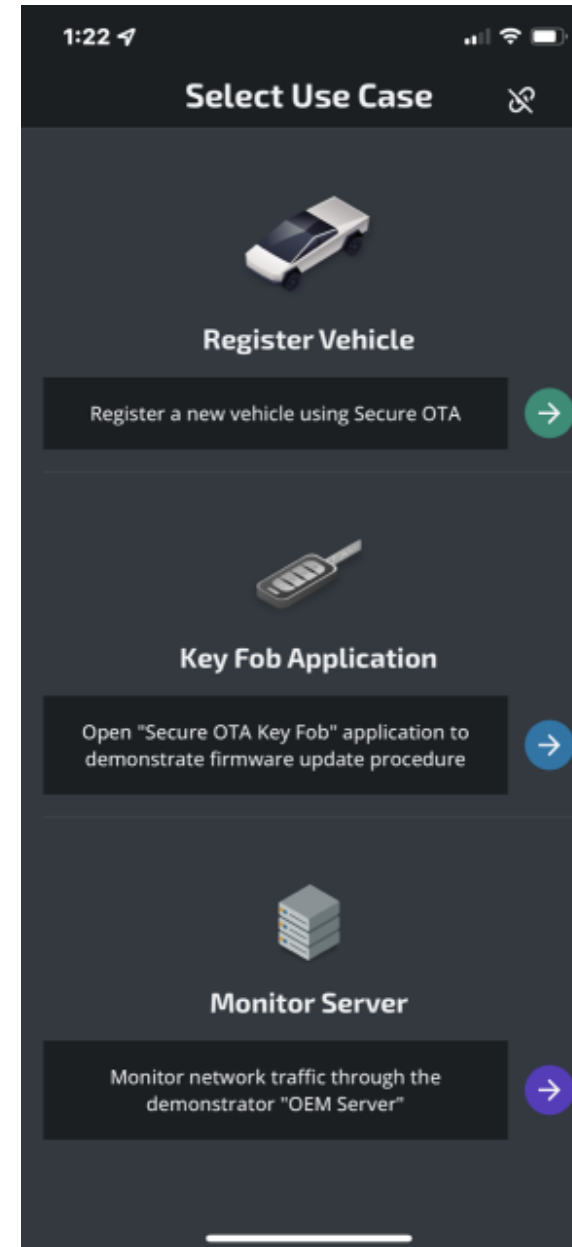
1:10

Websocket Address  
ws://10.202.36.240:19002

Remember connection URL ☒

CONNECT

## Use Case Selection



1:22

Select Use Case

**Register Vehicle**

Register a new vehicle using Secure OTA →

**Key Fob Application**

Open "Secure OTA Key Fob" application to demonstrate firmware update procedure →

**Monitor Server**

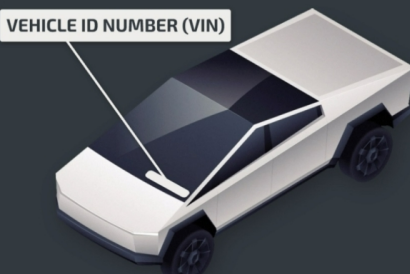
Monitor network traffic through the demonstrator "OEM Server" →

## Vehicle

1:11

[Back](#) Register Your Vehicle

VEHICLE ID NUMBER (VIN)




Provide your vehicle's VIN, your full name, and your signature to register your new vehicle.

Vehicle Identification Number (VIN)  
VEHICLENUMBERONE1

First and Last Name  
Neil Sparks

Signature



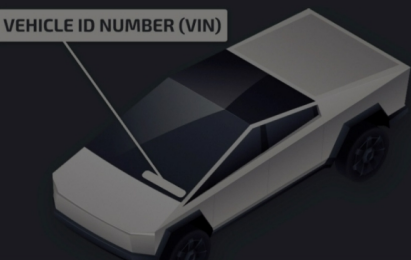
REGISTER

## Setting a Local

1:11

[Back](#) Register Your Vehicle

VEHICLE ID NUMBER (VIN)




Set a Device PIN

4 7 6 2 4 9

Write down this six (6) digit PIN, or set your own to use when accessing the Key Fob Application.

UPDATE PIN

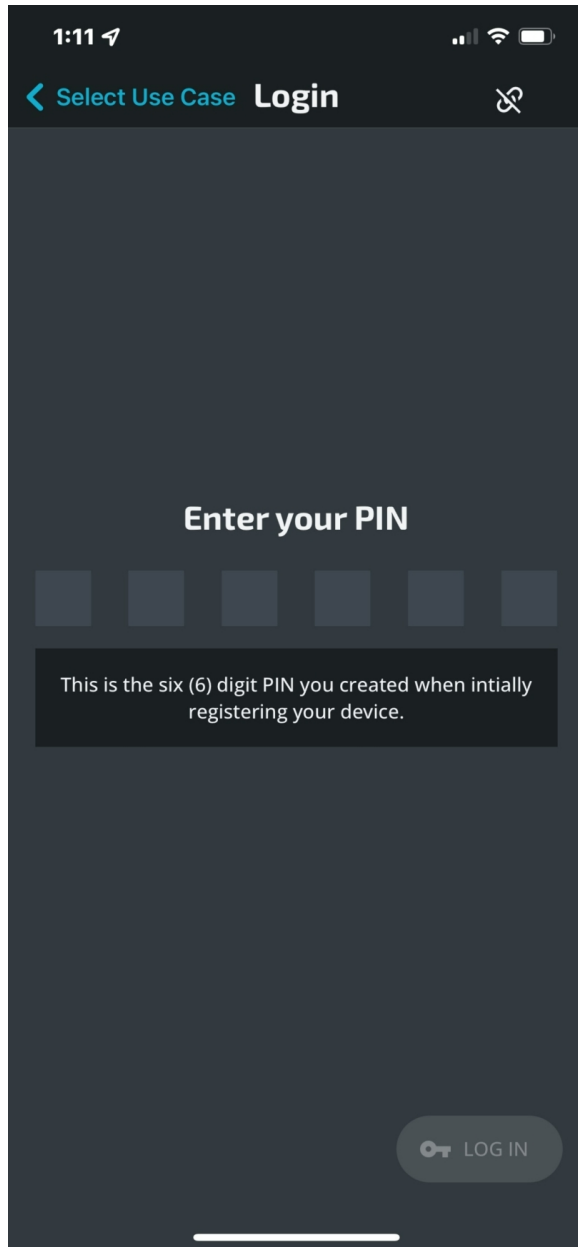
Signature



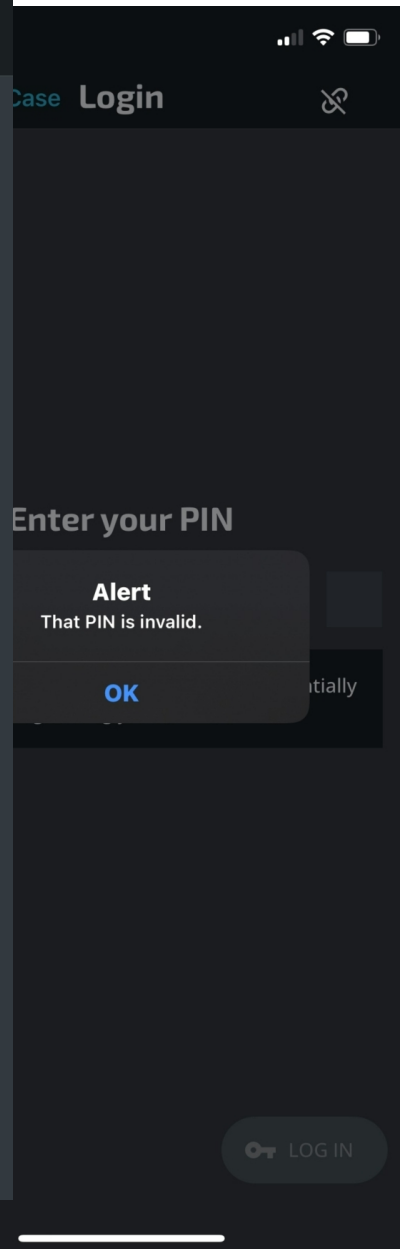
CLEAR

REGISTER

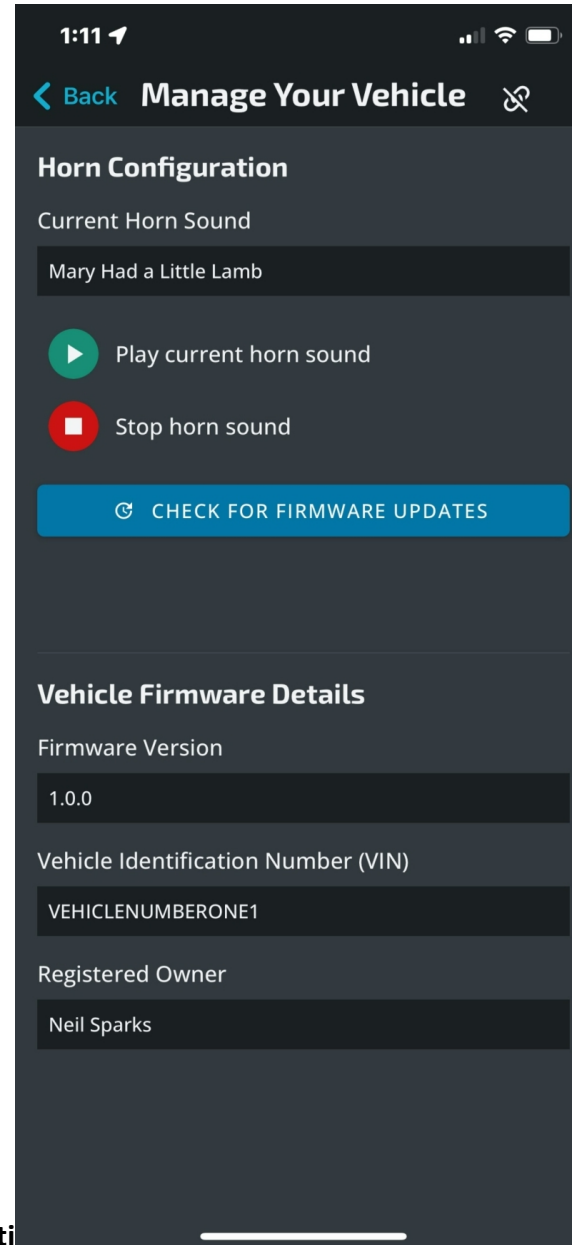
## Key Fob App Entry



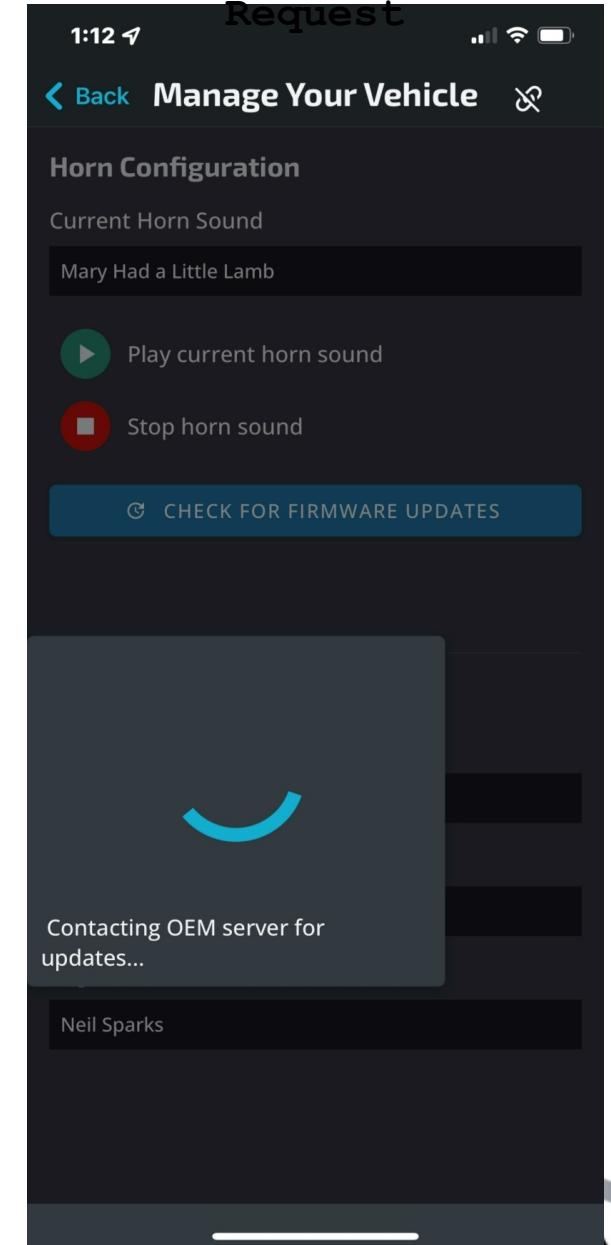
## Invalid PIN Message






## Vehicle Management





## Firmware Update Request



## Server Monitor


1:47   

[< Back](#) OEM Server Monitor 

**Activity Log** 


Client Neil Sparks has been escrowed into the server.  
Update Received


**Connected Vehicle Clients:**

Neil Sparks's Vehicle Informat... 

Name:  
Neil Sparks

Vehicle Firmware Version:  
1.0.0




Signature:  



 ADD TEST USER

In addition to these logs, there is yet-to-be-implemented functionality for recording and displaying logs for the following actions:

- Message content received
- Message decrypted (including random number and other information required for decryption)
- Encryption / decryption / hashing methods (i.e. AES, sha256)

## Disconnecting


1:12    (demo)


[< Back](#) Manage Your Vehicle 


**Horn Configuration**

Current Horn Sound

Mary Had a Little Lamb

 Play current horn sound

 Stop horn sound

 CHECK FOR FIRMWARE UPDATES

**Disconnect from Websocket Server**

Are you sure you want to disconnect?

[< Cancel](#) [Disconnect](#)

**Vehicle**

Firmware Version

1.0.0

Vehicle Identification Number (VIN)

VEHICLENUMBERONE1

Registered Owner

Neil Sparks