

# KEYLESS ENTRY SECURITY



FIRST PRINCIPLE

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## Top Tips

Always keep entry fobs in a faraday pouch

If you can, turn off the key

Park in well-lit, secure locations

Use a Steering wheel lock

PREVENT CRIME

PROTECT COMMUNITIES



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**Keyless entry car fobs or cards work by emitting a signal that the vehicle detects when it's a few feet away, allowing you to unlock the doors and start the engine. Thieves can exploit this wireless technology by getting hold of a relay amplifier and transmitter on the black market, then finding a vehicle parked close enough to its owner's house (where the key is).**

## How Does It Work?

While one criminal stands by the car or van with a transmitter, a second walks around the perimeter of the house with the amplifier, and if the key is close enough it will detect its signal and send it to the transmitter. At this point the transmitter effectively becomes the key, allowing the thieves to gain access to the vehicle and even drive it away. The whole process can take just seconds and be completed in virtual silence.



## Security Basics

Always stick to the basics of vehicle security first. Ensure your vehicle is parked in a well-lit or secure area, properly locked and all valuables are removed. Once in your home or office, ensure your keys are as far away from doors and windows as possible, preferably shut inside a drawer.

## Signal-blocking pouches

Don't assume that wrapping your key in foil will do a good enough job. It isn't designed for this purpose. As keyless crime has spiked, several anti-theft pouches have hit the market that are designed to block signals emitted by the key. The idea is simple - keep your key inside the *Faraday* pouch when not in use, and special material will prevent a relay amplifier from picking up its unique signal and transmitting it. We'd recommend only buying these from a reputable outlet and looking for reviews and accreditation to ensure it will work.



## Switch off the key

The wireless signal from some keyless fobs can be turned off, although the feature isn't always obvious and can require a

combination of button presses. Consult the manual or contact the manufacturer to find out if this is possible for the keys to your car.

## Physical security measures

As criminals turn to technology, many owners are resorting to low-tech physical security devices like steering wheel locks and driveways with locked gates or barriers.



Make life difficult for thieves in this way and even if they can unlock the vehicle, hopefully they won't be able to drive away in it.

Many criminals will also move on to an easier target when faced with extra security that's time consuming and noisy to defeat.

## Tracking devices

It's possible to subscribe to a security company called Tracker who can fit a tracking device to your vehicle and use it to trace its location if it's stolen.

<https://www.tracker.co.uk/>

More details can be found on the Secured by design website

<https://www.securedbydesign.com/>

## First Principle: Related links

Check out all of our Crime Prevention information using the following links or by using the QR code to take you to the First Principle Pages Alternatively go to our website at <https://www.suffolk.police.uk/> and look in the 1<sup>st</sup> Principle A-Z of Crime Prevention.

Allotment Security  
Anti-Social Behaviour  
ATM Security  
Beach Hut Security  
Boat Security  
Building Site Security  
Business Security  
Caravan Security  
Caravan Storage  
Card Security  
Catalytic Converters  
Church Security  
Cold Callers  
Commercial CCTV  
Counterfeit Banknotes  
County Lines Advice  
for Landlords  
Cyber Crime  
Cycle Security  
Dangerous Dogs  
Dog Fouling  
Dog Theft  
Domestic CCTV  
Domestic Violence  
Farm Security  
Fraud Prevention  
Grooming  
Hate Crime

Heating Oil  
Home Improvements  
Home Security  
Home Security for  
Tenants  
Horses and Stables  
Keyless Vehicles  
Key Safe Security  
Lock Snapping  
Mopeds and Scooters  
Motorcycle Security  
Neighbour Disputes  
Occupiers Liability  
Personal Security  
Power Tool Security  
Products Brochure  
Rural Crime  
Security Alarms  
Sheds and Garages  
Social Media  
Social Media for  
Parents  
Suspicious Behaviour  
Shoplifting  
Taxi Driver Safety  
Vehicle Security  
Windows and Doors



### Other Links you might find helpful

Ask the Police  
Secured by Design  
Sold Secure

Crimestoppers  
0800 555 111

Victim Care  
0300 303 3705