



GHOST - II

NEXT GENERATION VEHICLE PROTECTION

Now with secure smart-tag application

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- ❑ GHOST INSTALLATION AT YOUR PLACE BY A VETTED & BONDED MOBILE TECHNICIAN OF 
- ❑ BONUS OFFER OPTION – WHEN YOU PURCHASE THE GHOST II YOU GET A FREE INSTALLATION OF A TRACKER-LOCATOR AND ACCESS TO AN ADVANCED MONITORING PLATFORM WITH MINIMAL MONTHLY DATA & NETWORK COSTS
- ❑ GHOST EASY PAYMENT PLANS AVAILABLE - NO INTEREST FOR 4 PAYMENTS OVER 4 MO – LONGER TERMS TO 36 AND 48 MO AVAILABLE

Our Team – Our Goals



- ▶ We are a company committed to securing your belongings and your peace of mind
- ▶ Our team of certified bonded mobile technicians ensures a professional installation at your discretion as to time and place; at your home or place of business with shelter
- ▶ We have been supplying professional grade Anti-Theft, Tracking & Camera Protection plus Asset Recovery Locators for seven years to individuals and businesses
- ▶ Our equipment protects new and used cars and trucks, leased and rented vehicles, and construction equipment from misuse, non-payment and theft
- ▶ Please reach out to tell us of your needs and we would be happy to propose solutions

Offered by



Autowatch Ghost II Immobilizer with Installation Included

The Ghost is the original aftermarket CAN bus immobilizer. Protect your car from theft like nothing else on the market today! The Ghost protects your car from key-cloning, hacking, and even key theft. The Ghost has no key-fobs or LED indications to give away its location. The Ghost uses the buttons in your vehicle such as those on the steering wheel, door panels or center console, to allow you to make a unique, changeable, quick disarm sequence (like a PIN code) that must first be entered before you can drive your car. However, if preferred, optional Smart Tag(s) are available so no disarming buttons need to be pressed on entry.

The Ghost II is the next generation of the ground-breaking Ghost immobilizer. The Ghost II has an innovative mechanism of engine lockout that uses the data network on the vehicle so that there is no additional wiring that can be easily found. Disarming the Ghost II can be done using a disarm sequence on the standard vehicle buttons.

The Ghost II cannot be found using normal theft methods as it has no LED's or buttons giving away its location. Moreover, due to the use of the latest micro-manufacturing techniques the Ghost-II is small enough to hide almost anywhere in the vehicle. The Ghost II is the new smart way to protect your vehicle.

Features:

- Immobilization by communicating with the ECU
- Disarm sequence via buttons on steering wheel / dash
- No transmitted radio frequency signals
- Uses the on-board CAN data network
- User changeable disarm sequence
- Service / Valet mode means the disarm sequence is never compromised
- Secure, unique emergency code should the disarm sequence be forgotten
- Protection from Key Cloning and Key Theft

Recognized by Major Insurance Companies





To help you understand the value and importance of using a Ghost immobilizer for your car or vehicle security, we have compiled our expert advice into an easy-to-understand guide that covers everything you need to know and answers the most pressing FAQs.

What is a Ghost Immobilizer?

A Ghost immobilizer is a model of vehicle immobilizer that offers additional features to support your vehicle's security, not just immobilization. A standard vehicle immobilizer is an electronic security device that prevents a car, or other type of vehicle, from starting without the correct key or key fob present. A Ghost immobilizer includes systems that prevent key cloning, signal jamming and device spoofing – all methods that thieves use to unlock cars with standard immobilizers. This means that even if a thief is able to somehow get into your car, they won't be able to drive it away.

Can Ghost immobilizers be used in all types of cars?

Ghost immobilizers are compatible with a large range of cars. Immobilizers can be used in any vehicle with an engine, not just cars. Motorhomes, vans, bikes, plant machinery and even ride-on lawnmowers can be fitted with vehicle immobilizers. Technological advancements also mean that motors in electric cars can also be immobilized.

Can a Ghost immobilizer be bypassed or hacked?

A vehicle with a Ghost immobilizer is near impossible to bypass or hack. The wires are integrated to look like they came from the factory with a ghost immobilizer and there is no physical anti-theft equipment, such as steering wheel locks, that can be removed. The device is therefore much more difficult to get access to or disable. As long as your Ghost immobilizer has been fitted correctly, your vehicle will be very secure.

Why are vehicle immobilizers better than other anti-theft equipment?

Unlike physical deterrents such as steering wheel locks or wheel clamps, electronic immobilizers are covertly integrated within the vehicle. They are nearly impossible to locate and defeat. Even if the vehicle is stripped bare and the unit is found, it does not necessarily mean the engine can then be started.



How do Ghost immobilizers work?

A standard factory fitted immobilizer uses an electronic chip built into the vehicle's electronic control unit (ECU). When you try to start the vehicle, the key or fob sends a code to the ECU enabling it to start. If someone attempts to start the vehicle with a different key or fob, the code will be incorrect and it won't start. Ghost immobilizers feature additional functions to protect your car's security, such as a PIN or code sequence, that are needed before you can start your vehicle.

How does an immobilizer affect my car?

As well as preventing the car from starting if the incorrect key or fob is used, an immobilizer will also shut down components such as the starter motor or fuel system, rendering the vehicle immobilized when the wrong code is sent to the ECU.

How long does it take to deactivate a Ghost immobilizer?

With the right codes, it should take less than a minute to deactivate your ghost immobilizer for use.

The Ghost II CAN Immobilizer has two deactivation modes: Valet/Service and Transport. With Valet Mode, your vehicle can be operated, with set parameters such as 30mph speed limit, without the access code. Once the vehicle is parked, the Ghost immobilizer reactivates fully. This allows you to hand over your vehicle for valet parking or servicing without handing over your keys/fob.

In Transport Mode, you can deactivate the limitations, and drive your vehicle as usual. You will then need to perform re-activation using your security card and PIN to enable your Ghost immobilizer

Ghost immobilizer installation

Is it easy to install a Ghost immobilizer in a car?

The Ghost immobilizer is significantly more advanced than other immobilizers and requires a trained technician to install it. We install these at your place by a bonded and registered vehicle immobilizer installer.

Is it easy to remove a Ghost immobilizer?

Ghost immobilizers, and other more advanced vehicle immobilizers, require the vehicle to be stripped in order to gain access and are therefore much more secure. This means that removal isn't easy if you are not a trained professional.



How can I check if my car has a Ghost immobilizer?

It has been compulsory for immobilizers to be installed in all new cars since 1998. If your car was manufactured after that date it will have a factory-fitted immobilizer installed as standard. Ghost immobilizers are more advanced so it is unlikely your vehicle will already be fitted with a ghost immobilizer.

Do all new models of car get fitted with an immobilizer?

While vehicle manufacturers have been installing immobilizers into new cars for decades, the problem is they are deactivated by the transponder built into the key. If a thief gets hold of the key or uses key relay technology to amplify the transponder signal, they will be able to start the car and drive it away. An aftermarket immobilizer provides a second independent layer of security.

If I buy a second-hand car is it easy to install a new immobilizer or replace the existing one?

Factory-fitted immobilizers do not need to be replaced if you purchase a new immobilizer as the new one won't interfere with the functionality of the old one. In fact, more advanced immobilizers, such as Ghost immobilizers, complement the functioning of factory-fitted immobilizers. Ordering your ideal immobilizer is easy on our website and for added convenience, our engineers will come to your location to carry out the installation.

Are Ghost immobilizers safe?

Autowatch Ghost II Immobilizer and the other advanced immobilizers offered by Route Trax Inc. have been developed by specialist vehicle security manufacturers. They use proprietary technology and have all undergone rigorous testing.

Can a Ghost immobilizer malfunction?

Route Trax Inc. only supplies immobilizers with a track record of solid reliability. Customer satisfaction is our priority so without hesitation we pull systems from our catalogue that have proven to be unreliable. As a backup, all the immobilizers we supply and install come with a manufacturer's warranty and, in the event of any kind of issue, a technician will attend to resolve it.

If my immobilizer fails, will I be able to start my car?

There are fail safes built in that allow vehicle owners to override the system if necessary.