

Viper B5105V

Viper 5105V Car Security System User Manual

Your guide to understanding and operating your Viper 5105V system.

PRODUCT OVERVIEW

The Viper 5105V is an advanced automotive remote start and security system designed to provide comprehensive protection and convenience for your vehicle. It features two 4-button 1-way remotes, offering a range of up to 1/4-mile for reliable control. The system incorporates SuperCode remote encryption for enhanced security.

Key security features include arming, disarming, auxiliary functions, and a panic mode. The Stinger DoubleGuard Shock Sensor provides two-stage protection, emitting chirps for minor disturbances and triggering the full alarm for more significant impacts. The Revenger 6-Tone Siren delivers a powerful 120 dB output, ensuring attention. For anti-theft, the Failsafe Starter Kill prevents hot-wiring, and anti-carjacking protection is integrated. Additional features include horn honk, dome light supervision, and parking light flash. A valet mode is available to temporarily override alarm functions.

The system also includes remote start capabilities for fuel-injected, diesel, and hybrid vehicles with automatic transmissions. It offers 2 auxiliary channels and is compatible with XpressKit DBALL2 vehicle interface modules and all Viper SmartStart smartphone modules for expanded functionality.



This image displays all the primary components included with the Viper 5105V Car Security System. Visible items include the main control module, the 120 dB Revenger 6-Tone Siren, various wiring harnesses with connectors and fuses, and two 4-button 1-way remote controls. Also shown are a valet switch, a shock sensor, and a starter kill relay.

SETUP AND INSTALLATION

Due to the complexity of automotive electrical systems and the critical nature of security and remote start functions, **professional installation by a certified technician is highly recommended** for the Viper 5105V Car Security System. Improper installation can lead to vehicle damage, system malfunction, or safety hazards.

Key Installation Considerations:

- **Control Module Placement:** The main control module (dimensions: 4-1/8"W x 1-1/4"H x 3-3/4"D) should be securely mounted in a discreet, dry location within the vehicle's interior, away from excessive heat or moisture.
- **Siren Mounting:** The Revenger 6-Tone Siren should be mounted in the engine bay, facing downwards to prevent water accumulation, and secured to a sturdy surface.
- **Wiring Harness Connections:** All wiring connections must be made according to the detailed wiring diagrams provided with the system (typically for professional installers). This includes power, ground, ignition, accessory, starter, door triggers, trunk trigger, hood trigger, parking lights, and auxiliary outputs.
- **Shock Sensor Adjustment:** The Stinger DoubleGuard Shock Sensor requires careful calibration to prevent false alarms while ensuring adequate protection.
- **Valet Switch Installation:** The valet switch should be installed in an easily accessible but hidden location for convenient system override.

- **Remote Programming:** The two 4-button 1-way remotes must be programmed to the control module after installation.
- **Optional Modules:** If integrating with an XpressKit DBALL2 vehicle interface module or Viper SmartStart smartphone modules, ensure proper connection and configuration as per their respective instructions.

Always consult the specific wiring diagrams and installation guides provided by Directed Electronics for your vehicle's make and model, or have the system installed by an authorized Viper dealer.

OPERATING INSTRUCTIONS

The Viper 5105V system is operated primarily using the two included 4-button 1-way remote controls. Familiarize yourself with the button functions for optimal use.

Remote Control Functions:

- **Arm/Lock:** Press the lock button once to arm the security system and lock the vehicle doors. The parking lights will flash, and the siren will chirp once.
- **Disarm/Unlock:** Press the unlock button once to disarm the security system and unlock the vehicle doors. The parking lights will flash twice, and the siren will chirp twice.
- **Remote Start:** Press and hold the remote start button (often indicated by a lightning bolt or similar icon) for approximately 3 seconds to remotely start your vehicle. The vehicle will run for a pre-programmed duration (e.g., 12 minutes) and then shut off. To turn off the vehicle remotely, press and hold the remote start button again.
- **Panic Mode:** Press and hold the panic button (often indicated by a horn icon) for approximately 3 seconds to activate the panic alarm. The siren will sound, and the parking lights will flash. Press any button on the remote to deactivate panic mode.
- **Auxiliary Channels:** The system includes 2 auxiliary channels that can be programmed for various functions, such as trunk release or window control. Consult your installer for specific auxiliary function programming.

Valet Mode:

Valet mode allows you to temporarily disable the security system's alarm functions while keeping the remote start and keyless entry operational. This is useful when servicing the vehicle or leaving it with a valet. To enter/exit valet mode, typically you would turn the ignition to the ON position, then press and release the valet switch. The system's LED will illuminate solid to indicate valet mode is active.

MAINTENANCE

The Viper 5105V Car Security System is designed for reliable operation with minimal maintenance. However, periodic checks and simple procedures can help ensure its longevity and performance.

- **Remote Control Batteries:** If the remote control range decreases significantly or the LED indicator on the remote becomes dim, it may be time to replace the battery. Refer to the remote's specific instructions for battery type and replacement procedure.
- **System Components:** Periodically inspect the visible components of the system, such as the siren and wiring, for any signs of damage or loose connections. Ensure the siren is free of debris.

- **Cleaning:** Keep the remote controls clean and dry. Avoid exposing the main control module or siren to excessive moisture or extreme temperatures.
- **Professional Inspection:** Consider having your system professionally inspected by an authorized Viper dealer every few years to ensure all components are functioning correctly and to check for any software updates.

TROUBLESHOOTING

If you experience issues with your Viper 5105V system, try the following troubleshooting steps. For complex problems, it is always best to consult a professional installer or Viper technical support.

Common Issues and Solutions:

- **Remote Control Not Working / Poor Range:**
 - Check and replace the remote control battery.
 - Ensure you are within the 1/4-mile operating range. Obstacles like buildings or other vehicles can reduce range.
 - Verify the remote is properly programmed to the system.
- **Alarm Triggers Randomly (False Alarms):**
 - The shock sensor sensitivity may be set too high. This often requires professional adjustment.
 - Check for loose wiring connections or faulty door/hood/trunk pins.
 - Ensure the vehicle's interior is free of items that could move and trigger the sensor (e.g., air fresheners swinging).
- **Remote Start Not Engaging:**
 - Ensure the vehicle's hood is closed. Most systems have a hood pin safety switch.
 - Check if the vehicle is in gear or if the parking brake is not engaged (if applicable to your installation).
 - Verify the remote start button was pressed and held for the correct duration.
 - If the vehicle's check engine light is on, some systems may prevent remote start.
- **System LED Flashing Codes:**

The system's LED often provides diagnostic codes. Consult your installer or the detailed installation manual for a list of LED flash codes and their meanings (e.g., indicating which zone triggered the alarm).

If these steps do not resolve the issue, contact an authorized Viper dealer or Directed Electronics customer support for further assistance.

SPECIFICATIONS

Feature	Specification
Model Number	B5105V

Feature	Specification
Product Dimensions	6.5 x 6 x 6.5 inches
Item Weight	2.59 pounds
Manufacturer	Directed Electronics
Brand	Viper
Compatible Devices	Smartphone (with optional SmartStart module)
Maximum Remote Range	0.25 Miles (approximately 1/4 mile)
Siren Noise Level	120 dB
Remote Control Included	Yes (Two 4-button 1-way remotes)
Color	Black

WARRANTY AND SUPPORT

The Viper 5105V Car Security System is manufactured by Directed Electronics, a leader in vehicle security and convenience. This product is covered by a manufacturer's warranty, which typically covers defects in materials and workmanship under normal use. The specific terms and duration of the warranty may vary, so it is important to retain your proof of purchase and consult the warranty information provided with your product packaging.

For technical support, warranty claims, or to locate an authorized Viper dealer for installation or service, please visit the official Viper website or contact Directed Electronics customer service directly. They can provide assistance with product operation, troubleshooting, and authorized service centers.

Note: Warranty terms and support availability are subject to change by the manufacturer.