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› Extreme Fusion Car Alarm System User Manual

Extreme FUSION

Extreme Fusion Car Alarm System User Manual

Model: FUSION

INTRODUCTION

The Extreme Fusion Car Alarm System is designed to provide advanced security for your vehicle. This manual provides essential information for installation, operation, and maintenance to ensure optimal performance and protection. Please read this manual thoroughly before attempting any installation or operation.

Key Features:

- Advanced Security System
- Easy Installation
- Compatible with most vehicles
- High-precision sensors
- Remote activation and deactivation capability
- Backup battery included



Figure 1: Extreme Fusion Car Alarm System Complete Kit. This image displays the main control unit, siren, various wiring harnesses, and two remote controls, all packaged together.



Figure 2: Extreme Fusion Car Alarm System Product Box. The packaging highlights key features and the product branding.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your Extreme Fusion Car Alarm System. It is highly recommended that installation be performed by a qualified professional to ensure correct wiring and functionality.

Component Identification

Familiarize yourself with the main components of the alarm system:



Figure 3: Main Control Unit. This is the central processing unit of the alarm system, responsible for interpreting sensor inputs and controlling alarm functions.



Figure 4: Siren. The siren produces the audible alarm sound when the system is triggered.

Wiring Harnesses

The system includes several wiring harnesses for connecting to your vehicle's electrical system:

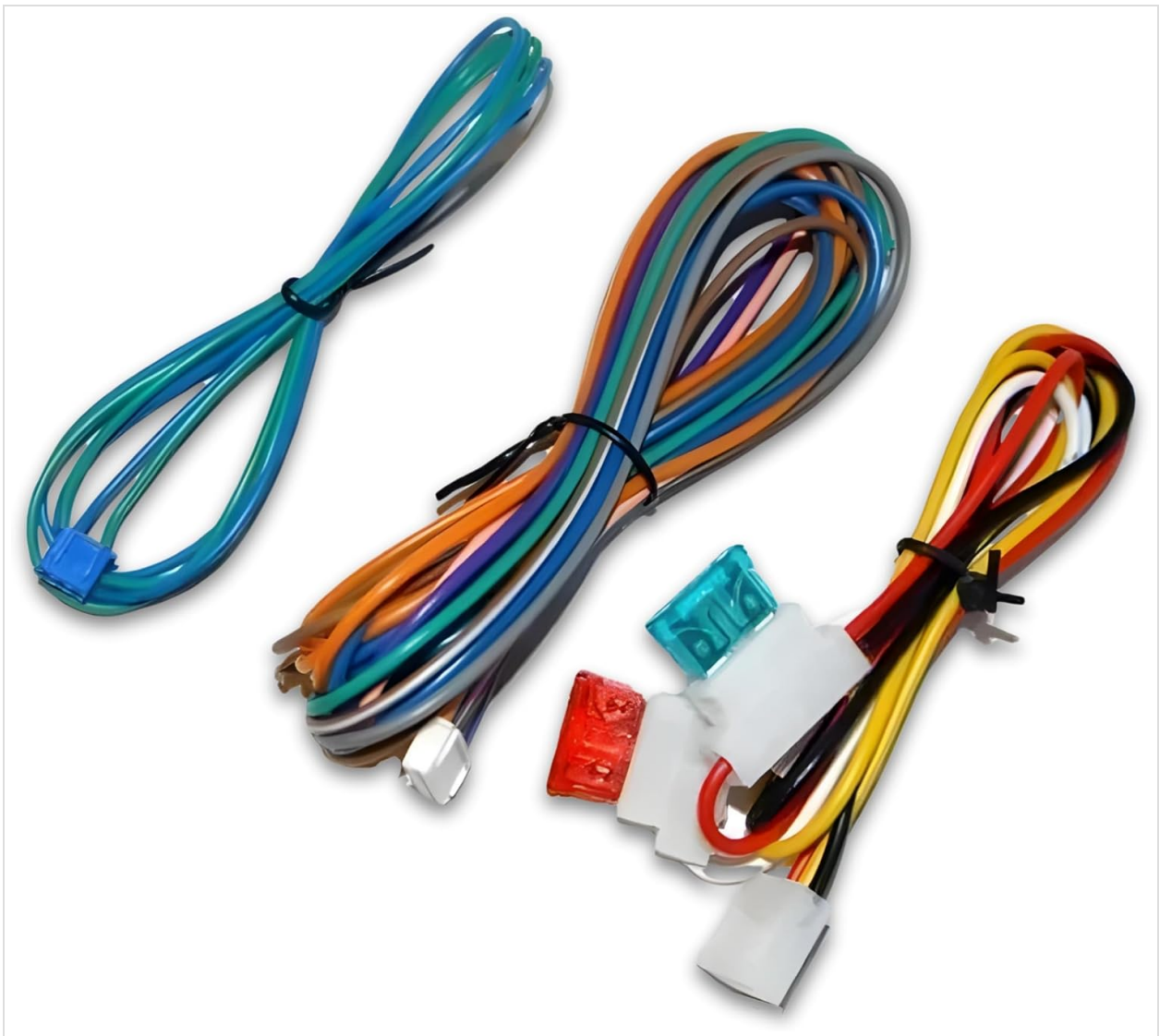


Figure 5: Various Wiring Harnesses. This image shows the different wiring bundles included for connecting the alarm system components to the vehicle's electrical system.

- **Main Power Harness:** Connects the alarm system to the vehicle's power supply, typically including fused connections for protection.
- **Sensor Harnesses:** For connecting various sensors such as shock sensors, door triggers, and ignition sense.
- **Output Harnesses:** For connecting to the siren, parking lights, and other vehicle accessories controlled by the alarm.

General Installation Steps (Consult a Professional)

1. **Disconnect Vehicle Battery:** Always disconnect the negative terminal of your vehicle's battery before starting any electrical work.
2. **Mount Main Unit:** Choose a secure, hidden location inside the vehicle, away from moisture and extreme temperatures.
3. **Mount Siren:** Install the siren in the engine bay, facing downwards to prevent water accumulation, and away from heat sources.
4. **Wire Connections:** Carefully connect the wiring harnesses to the appropriate points in your vehicle's electrical system, following the detailed wiring diagram provided with the product (not included in this manual). Ensure all connections are secure and insulated.
5. **Install Sensors:** Mount shock sensors and other perimeter sensors according to their specific instructions.

6. **Reconnect Battery:** Once all connections are made and verified, reconnect the vehicle battery.
7. **Test System:** Perform a full system test to ensure all functions (arming, disarming, siren, sensors) are working correctly.

OPERATING INSTRUCTIONS

The Extreme Fusion Car Alarm System is designed for user-friendly operation. While a dedicated remote control unit is not included with this product, the system supports remote activation and deactivation, often integrating with existing vehicle key fobs or aftermarket remote solutions.

Arming the System

- Ensure all doors, hood, and trunk are closed.
- Activate the alarm system using your vehicle's remote key fob or integrated security system.
- The system will typically respond with a confirmation chirp and/or a flash of the parking lights, indicating it is armed.
- The LED indicator (if installed) will begin to flash, signifying the system is active.

Disarming the System

- Deactivate the alarm system using your vehicle's remote key fob or integrated security system.
- The system will typically respond with two confirmation chirps and/or two flashes of the parking lights, indicating it is disarmed.
- The LED indicator will turn off.

Triggered Alarm

- If the alarm is triggered (e.g., by a door opening, shock sensor activation), the siren will sound, and the parking lights will flash.
- To silence the alarm, disarm the system as described above.

Backup Battery

The system includes a backup battery to maintain security functions in case of a main vehicle battery disconnection or power loss.

MAINTENANCE

The Extreme Fusion Car Alarm System requires minimal maintenance to ensure long-term reliability.

- **Regular Checks:** Periodically test the alarm system by intentionally triggering it (e.g., opening a door after arming) to ensure the siren and lights activate correctly.
- **Wiring Inspection:** During routine vehicle maintenance, visually inspect all alarm wiring for any signs of wear, corrosion, or loose connections.
- **Sensor Cleaning:** Keep any visible sensors (e.g., shock sensors, glass break sensors) clean and free from obstructions.
- **Backup Battery:** The internal backup battery has a limited lifespan. If the system frequently loses settings or fails to operate during main power loss, the backup battery may need replacement by a qualified technician.

TROUBLESHOOTING

If you encounter issues with your Extreme Fusion Car Alarm System, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Alarm does not arm/disarm.	Low battery in remote (if applicable), faulty wiring, system malfunction.	Check remote battery. Verify all wiring connections are secure. Consult a professional if the issue persists.
False alarms.	Overly sensitive shock sensor, faulty sensor, loose wiring.	Adjust shock sensor sensitivity (refer to installation guide). Inspect sensors and wiring for damage.
Siren does not sound.	Siren disconnected, faulty siren, wiring issue.	Check siren connection. Test siren directly if possible. Inspect wiring.
System loses power/settings.	Faulty backup battery, main power connection issue.	Have the backup battery checked/replaced. Verify main power connections.

If these troubleshooting steps do not resolve the issue, please contact customer support or a professional installer.

SPECIFICATIONS

Brand	Extreme
Model	FUSION (Manufacturer Part Number: FUSION, Model: ALEXFU)
Maximum Range	100 Centimeters (for certain sensors/functions)
Noise Level (Siren)	30 Decibels (This value seems low for a siren, typically refers to operational noise of the unit itself, not the alarm sound. Please refer to product packaging for actual siren output.)
Remote Control Included	No (System supports remote functions, but a dedicated remote unit is not included in the package.)
ASIN	B07T7JRVLJ

WARRANTY INFORMATION

This product comes with a 1-month warranty provided by the seller, Audio Shop Electronics. Please retain your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For technical assistance, installation queries, or warranty claims, please contact the seller, Audio Shop Electronics, directly through your purchase platform or their provided contact information.

