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Start-X BA-K3-Sorento

Start-X Remote Start Kit User Manual

Model: BA-K3-Sorento

Brand: Start-X

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Start-X Remote Start Kit for Kia Sorento (2016-2020 Push to Start models). This kit allows you to remotely start your vehicle using your existing factory remote, providing convenience and comfort.



Image: The Start-X Remote Start Kit packaging, showing the main module box and the included T-Harness for plug-and-play installation.

Compatibility

This remote start kit is specifically designed for the following vehicle configuration:

- **Vehicle:** Kia Sorento
- **Model Years:** 2016, 2017, 2018, 2019, 2020
- **Start Type:** Push to Start ignition systems only.
- **Fuel Type:** Gas models only.
- **Transmission:** Automatic transmission models only.

Important: This kit is NOT compatible with key-start ignition vehicles, diesel models, or manual transmission vehicles.



Image: Visual representation distinguishing between a "Push to Start" button (compatible) and a traditional key ignition (not compatible).



Image: A hand holding a fuel nozzle, indicating compatibility with gas models only.



Image: A close-up of an automatic transmission gear shifter, highlighting compatibility with automatic models only.

Setup and Installation

The Start-X Remote Start Kit features a plug-and-play design, significantly simplifying the installation process. No wire cutting or splicing is required.

Required Tools:

- Basic hand tools (e.g., screwdriver, panel removal tool if needed).

Installation Steps:

1. **Locate the Vehicle Connector:** Identify the main connector in your Kia Sorento's wiring harness, typically located near the steering column or under the dashboard. The T-Harness is designed to connect directly to this point.

2. **Connect the T-Harness:** Plug the Start-X T-Harness into the vehicle's wiring harness. Ensure a secure connection.
3. **Program the Module:**
    - Connect only the large white connector from the T-Harness to the remote start module.
    - Follow the specific programming sequence outlined in the detailed instructions provided with your kit. This typically involves pressing a program button on the module and observing LED indicators.
    - The module will program itself to your vehicle's system.
4. **Connect Remaining Connectors:** Once programming is complete, connect any remaining smaller connectors from the T-Harness to the remote start module.
5. **Secure the Module:** Secure the remote start module in a safe location under the dashboard, away from moving parts or excessive heat. Use zip ties or adhesive pads if necessary.
6. **Test Functionality:** After installation, test the remote start function as described in the "Operating Instructions" section.



Image: A hand demonstrating the easy plug-and-play connection of the harness to the Start-X module.



Image: An assortment of car key fobs, illustrating that the kit works with your vehicle's existing factory remote.

Operating Instructions

The Start-X Remote Start Kit utilizes your vehicle's existing factory remote for activation. No additional remotes are needed.

To Remote Start Your Vehicle:

1. Ensure your vehicle doors are closed and locked.
2. Press the **Lock** button on your factory remote three (3) times consecutively.
3. After the third press, the vehicle's parking lights will flash, and the engine will start.

The vehicle will run for a preset duration (typically 15 minutes) before automatically shutting off. To extend the run time, repeat the remote start sequence.

Entering the Vehicle After Remote Start:

1. Unlock your vehicle using your factory remote.
2. Enter the vehicle. Do not press the brake pedal yet.
3. Insert your key (if applicable) or press the Push to Start button once without pressing the brake pedal to take over the ignition.
4. You can now press the brake pedal and shift into gear.

Factory Remote Required

Kit does not include remote.

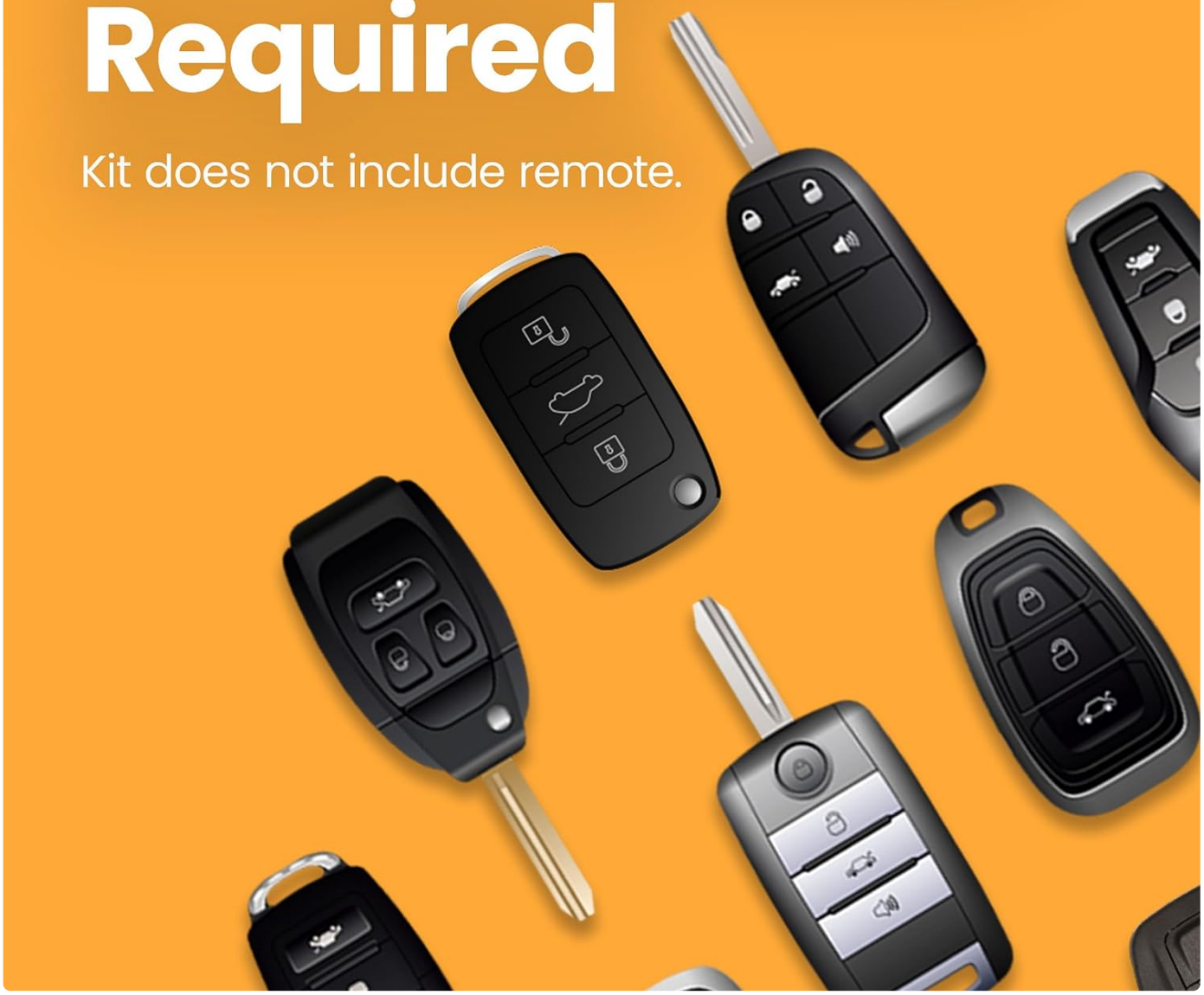


Image: A hand demonstrating how to press the lock button on a standard car remote to activate the remote start feature.

START-X

Plug & Play

All Season

Passenger Comfort

Easy plug & play installation

Check our YouTube channel for an installation video specific to your make and model.

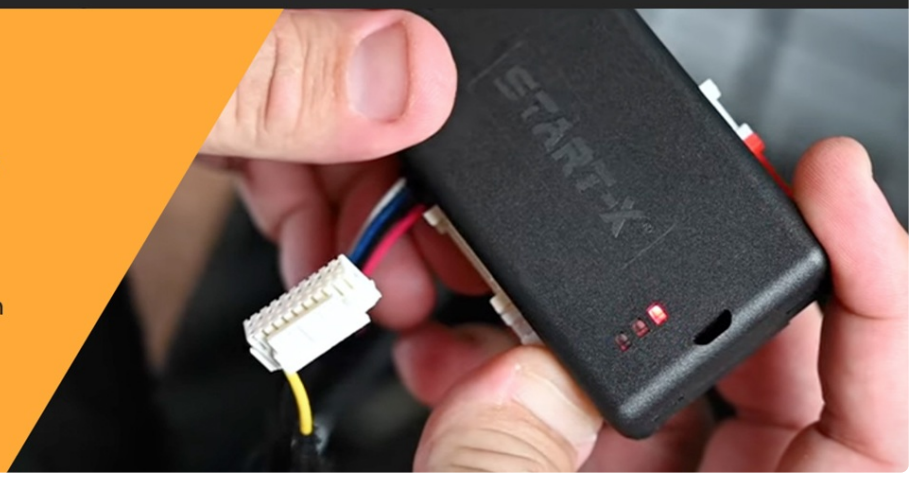


Image: A car's interior showing air vents with arrows indicating air circulation, representing comfort in all seasons provided by remote start.

Maintenance

The Start-X Remote Start Kit is designed to be maintenance-free. There are no user-serviceable parts inside the module.

- **Cleaning:** Keep the module and its connections free from excessive dust or moisture. Use a dry, soft cloth for cleaning if necessary.
- **Inspections:** Periodically check the wiring connections to ensure they remain secure, especially after any other vehicle maintenance that might disturb the area.

If you experience any issues, refer to the Troubleshooting section or contact customer support.

Troubleshooting

If you encounter issues with your Start-X Remote Start Kit, please review the common problems and solutions below:

Problem	Possible Cause	Solution
Vehicle does not remote start.	Doors not fully closed or locked. Incorrect remote button sequence. Module not properly programmed. Vehicle not compatible (e.g., key start, diesel, manual).	Ensure all doors, hood, and trunk are closed and locked. Press the Lock button exactly 3 times consecutively. Re-attempt the programming sequence as per installation instructions. Verify your vehicle matches the compatibility requirements.
Remote start activates, but vehicle shuts off immediately.	Module programming issue. Vehicle security system interference.	Re-program the module. Ensure no other aftermarket security systems are interfering.
Remote start range is poor.	Weak battery in factory remote. Environmental interference.	Replace the battery in your factory remote. Ensure clear line of sight to the vehicle if possible.

If these steps do not resolve your issue, please contact Start-X customer support for further assistance.

Specifications

- **Model Number:** BA-K3-Sorento
- **Compatibility:** Kia Sorento 2016-2020 (Push to Start, Gas, Automatic Transmission)
- **Activation Method:** 3x Lock press on factory remote

- **Installation Type:** Plug-and-Play T-Harness
- **Country of Origin:** USA (Designed, Engineered, Manufactured in North America)
- **Item Weight:** Approximately 12.3 ounces
- **Package Dimensions:** Approximately 8.23 x 4.13 x 2.32 inches

Warranty and Support

Warranty Information:

Start-X products are backed by a manufacturer's warranty. Please refer to the warranty card included with your product for specific terms and conditions. Retain your proof of purchase for warranty claims.

Customer Support:

For technical assistance, installation questions, or troubleshooting, please contact Start-X customer support. Our technical support agents are located in the USA and provide support in English.

Contact Information:

- Visit the official Start-X website for contact details and FAQs.
- Refer to the contact information provided on the product packaging or included documentation.

For additional resources, you may visit the Start-X Store on Amazon.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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