Start-X BA-R-KEY

Start-X Remote Start Kit Instruction Manual

For Nissan Rogue (2014-2020) and Rogue Sport (2017-2021) - Key Start Vehicles Only

1. INTRODUCTION

This manual provides detailed instructions for the installation and operation of your Start-X Remote Start Kit. This kit allows you to remotely start your vehicle using your existing factory key fob, providing convenience and comfort.

2. PRODUCT COMPATIBILITY

This Start-X Remote Start Kit is specifically designed for:

- **Nissan Rogue:** Model years 2014, 2015, 2016, 2017, 2018, 2019, 2020
- **Nissan Rogue Sport:** Model years 2017, 2018, 2019, 2020, 2021
- **Vehicle Type:** Key Start Ignition Only
- **Transmission:** Automatic Transmission Only
- **Fuel Type:** Gas Models Only

This kit is NOT compatible with:

- Push-button start vehicles
- Manual transmission vehicles
- Diesel models
- Nissan Rogue Select models

Figure 2.1: This image clarifies that the remote start kit is only compatible with vehicles that use a physical key for ignition, not those with a push-button start system.

Figure 2.2: The kit is designed exclusively for vehicles equipped with an automatic transmission. Manual transmission vehicles are not supported.

Figure 2.3: This product is compatible only with gasoline-powered vehicle models. It is not designed for diesel vehicles.

3. Safety Information

- Always ensure the vehicle is in Park (P) before attempting to remote start.
- Do not install or operate the remote start system if the vehicle is in an enclosed space without proper ventilation.
- Disconnect the vehicle's battery before beginning any installation steps to prevent electrical damage or injury.

4. Setup and Installation

The Start-X Remote Start Kit features a plug-and-play design, utilizing a T-harness for simplified installation without the need for wire cutting or splicing. The installation primarily occurs at the vehicle's Body Control Module (BCM).

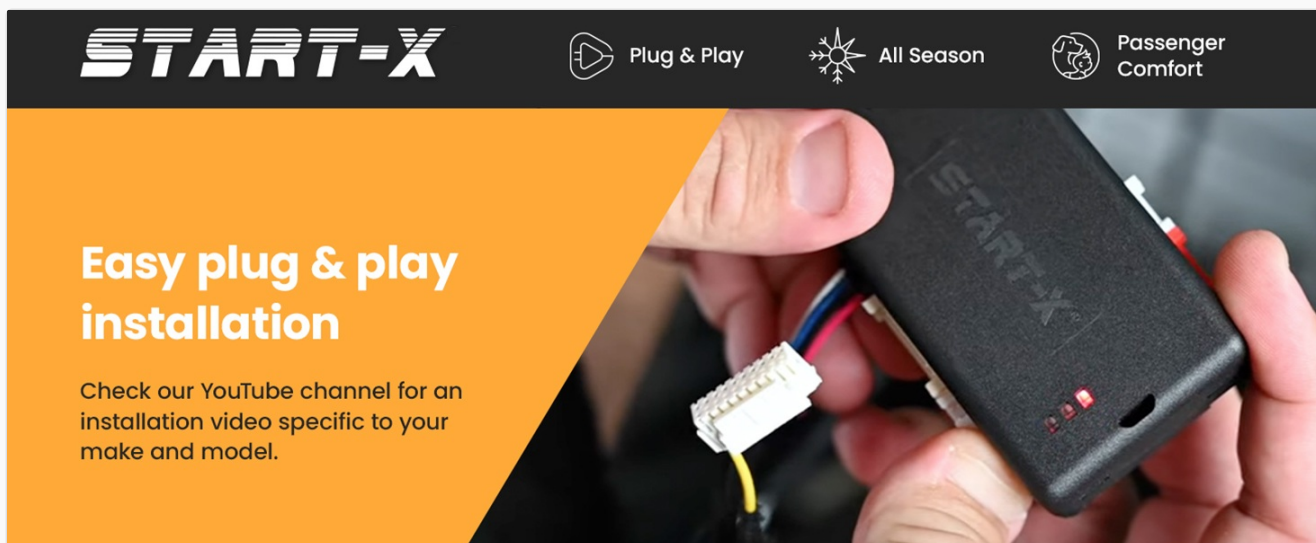**Figure 4.1:** The Start-X Remote Start Kit, including the main module and the T-harness for direct connection.

Figure 4.2: Illustration of the plug-and-play connection process, showing a harness being connected to the remote start module.

Installation Steps:

1. **Prepare the Vehicle:** Ensure the vehicle is turned off and the parking brake is engaged. Disconnect the negative terminal of the vehicle's battery.

2. **Locate the BCM:** The Body Control Module is typically located under the dashboard on the driver's side. Refer to your vehicle's service manual for the exact location.

3. **Access Connections:** Carefully remove any necessary trim panels to access the BCM and its wiring harnesses.

4. **Connect the T-Harness:** The Start-X T-harness is designed to plug directly into the factory connectors at the BCM. Disconnect the factory harnesses one by one and insert the corresponding T-harness connectors in

between. Ensure all connections are secure.

5. **Connect the Module:** Plug the main Start-X remote start module into the T-harness.

6. **Initial Programming:** Reconnect the vehicle's battery. Insert the key into the ignition and turn it to the ON position (do not start the engine). The module's LED indicator should show a solid red light, then flash green three times, and then turn off, indicating successful initial programming.

7. **Secure Wiring:** Route and secure all wiring to prevent interference with moving parts or accidental disconnections.

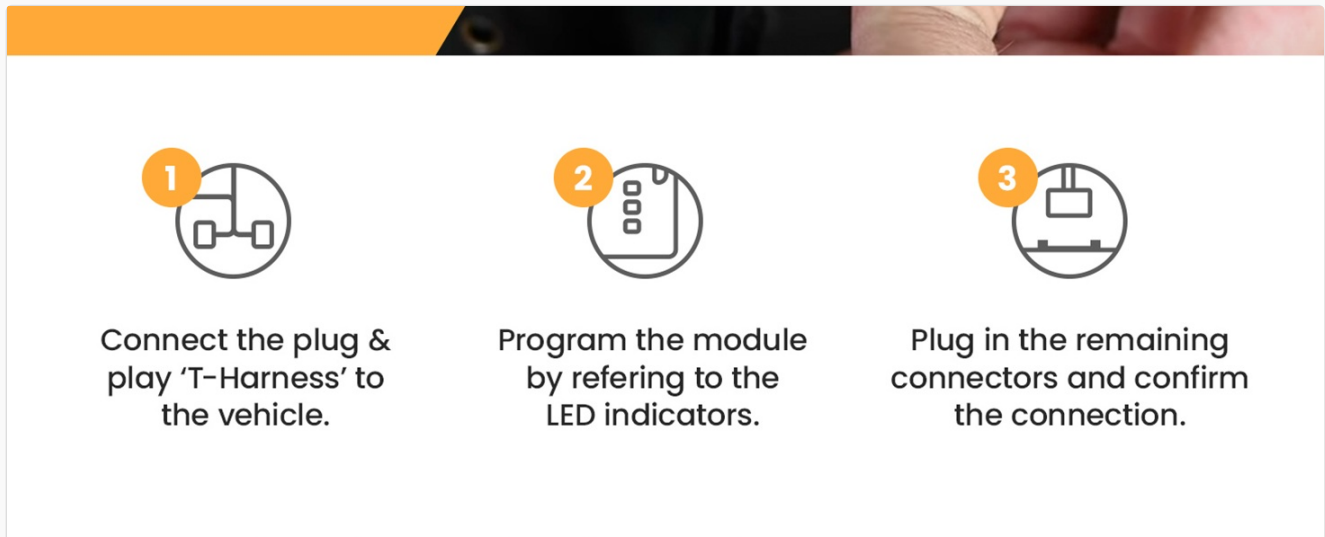8. **Reassemble:** Reinstall all trim panels removed during the installation process.

Figure 4.3: A visual representation of the three core installation steps: connecting the T-harness, programming the module using LED indicators, and securing all connections.

5. OPERATING INSTRUCTIONS

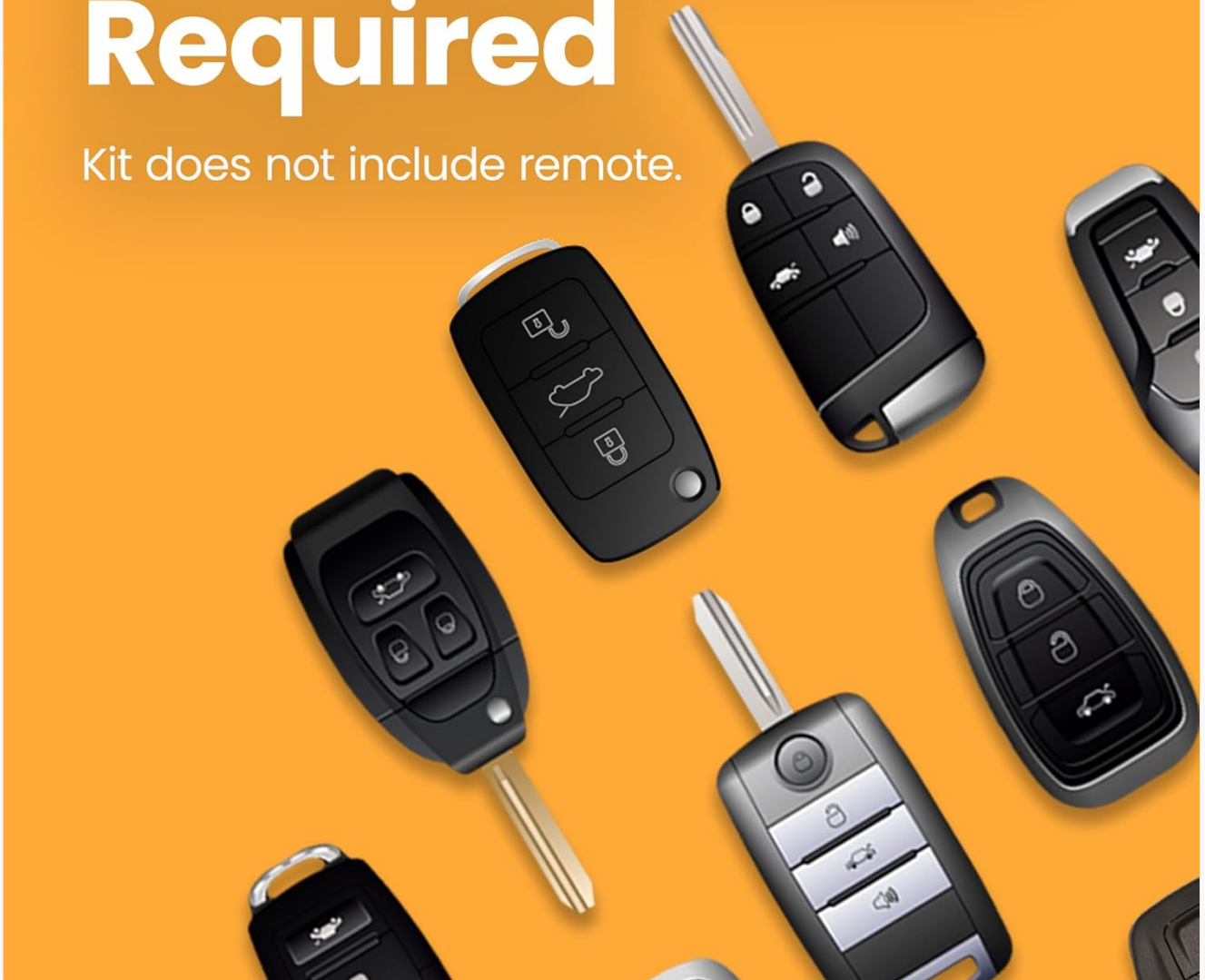To operate the Start-X Remote Start Kit, use your vehicle's existing factory key fob.

Figure 5.1: The remote start system integrates with your vehicle's original factory key fob, requiring no additional remote.

Starting the Vehicle Remotely:

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

Stopping the Vehicle Remotely:

1. While the vehicle is running via remote start, press the **Lock** button on your factory key fob three (3) times consecutively.
2. The engine will shut off.

Entering the Vehicle After Remote Start:

1. Unlock the vehicle doors using your factory key fob.
2. Enter the vehicle.

3. Insert the key into the ignition and turn it to the ON/RUN position.
4. The remote start system will disengage, and the vehicle will operate normally.

6. MAINTENANCE

The Start-X Remote Start Kit is designed to be maintenance-free. No periodic servicing or adjustments are required for the module itself. Ensure all wiring connections remain secure and free from damage.

7. TROUBLESHOOTING

- **Vehicle Does Not Remote Start:**

    - Ensure all doors, hood, and trunk are closed.
    - Verify the vehicle is in Park (P).
    - Check that the battery is fully charged.
    - Confirm that the factory key fob is functioning correctly and has a good battery.
    - Recheck all T-harness connections at the BCM to ensure they are fully seated.

- **Module LED Indicator Issues:** If the module does not show the expected LED sequence during initial programming, ensure the key is turned to the ON position and all connections are correct. Disconnect and reconnect the battery to reset the module if necessary.

- **Unexpected Behavior:** If the system exhibits unexpected behavior, disconnect the vehicle battery for 5 minutes, then reconnect to reset the system. If issues persist, contact technical support.
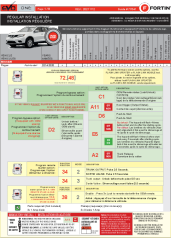
8. SPECIFICATIONS

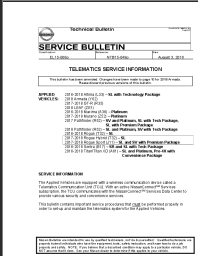| Feature	Detail
Manufacturer	Start-X
Model Number	BA-R-KEY
Item Weight	1.21 pounds
Package Dimensions	8.82 x 4.65 x 3.62 inches
Compatible Devices	Cars (Nissan Rogue 2014-2020, Rogue Sport 2017-2021, Key Start, Automatic Transmission, Gas Models)
Remote Control Included?	No (uses factory remote)
UPC	810154290208

9. WARRANTY AND SUPPORT

Start-X provides technical support for its products. Technical support agents are located in the USA and provide assistance in English. For support, please refer to the contact information provided with your product packaging or visit the official Start-X website.
Specific warranty details are typically included with the product documentation. Please retain your proof of purchase for warranty claims.

Related Documents - BA-R-KEY

[ZZ-2 ITZ-TOYv2 Wireless CarPlay & Android Auto Manual](#)
Instruction manual for the ZZ-2 ITZ-TOYv2 interface, enabling wireless CarPlay and Android Auto for select Toyota vehicles. Includes features, compatibility, installation diagrams, setup guides, and warranty procedures.

[Fortin EVO-ONE Installation and Programming Guide for Nissan Rogue (2014-2020) Push-to-Start](#)
Comprehensive guide for installing and programming the Fortin EVO-ONE remote starter and bypass module for Nissan Rogue vehicles (2014-2020) with push-to-start ignition. Includes wiring diagrams, programming procedures, and functionality details.

[Tow-Trust Towbars TN13AVK Installation Guide for Nissan X-Trail (T32) & Renault Koleos (2017+)](#)
Detailed installation guide for the Tow-Trust Towbars TN13AVK model, designed for Nissan X-Trail (T32, 2014 onwards) and Renault Koleos (2017 onwards) vehicles. Includes parts list, bumper removal instructions, and step-by-step fitting procedures.

[XTOOL Ford/Lincoln AKL Alarm Bypass Cable: Grand Updates & Operation Guide](#)
Comprehensive guide to the XTOOL Ford/Lincoln AKL Alarm Bypass Cable, covering functions, connection, supported models, compatible devices, and a detailed operation process for key programming on Ford and Lincoln vehicles.

[Nissan Telematics Service Information - Technical Bulletin](#)

This Nissan Technical Bulletin provides detailed service procedures for the Telematics Communication Unit (TCU), covering activation, replacement, and troubleshooting for various Nissan models. It includes instructions for technicians using the CONSULT-III Plus diagnostic tool.

[FlashLogic Remote Start Installation Guides for Acura & Honda Vehicles](#)

Detailed installation manuals and wiring diagrams for FlashLogic remote start systems (FLC-RSA-HA10-[FLRSBA]) compatible with various Acura and Honda models, including ILX, MDX, RDX, RLX, TLX, Fit, HR-V, Odyssey, Pilot, and Ridgeline.