

## VAIS Technology GSR-GM03-w/Tuner Kit

# VAIS Technology GSR-GM03-w/Tuner Kit Instruction Manual

SiriusXM Satellite Radio Add-on Adapter for Select Factory GM Radios

## 1. PRODUCT OVERVIEW

The VAIS Technology GSR-GM03-w/Tuner Kit is designed to seamlessly integrate SiriusXM Satellite Radio into select factory GM vehicle radio systems. This adapter allows users to enjoy SiriusXM channels using their existing factory radio controls, eliminating the need for aftermarket head units or cluttered dash accessories. It provides a direct connection for crystal-clear audio quality and retains the original aesthetic and functionality of your vehicle's interior.

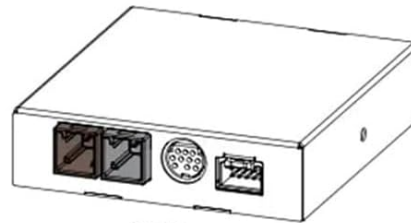


Image: Overview of the VAIS Technology GSR-GM03-w/Tuner Kit components, including the main interface box, SiriusXM tuner, antenna, and various cables.

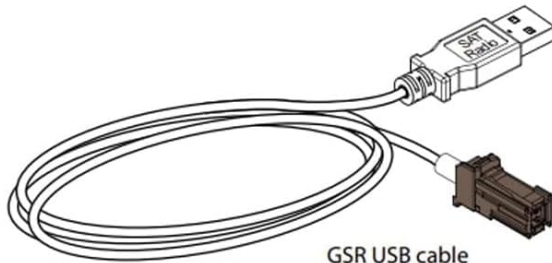
## 2. WHAT'S INCLUDED

The GSR-GM03-w/Tuner Kit includes all necessary components for installation and operation. Please verify that all items listed below are present in your package.

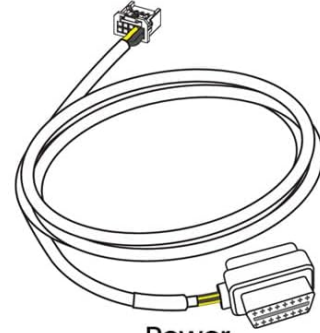
# What's Included



GSR  
Interface Adapter



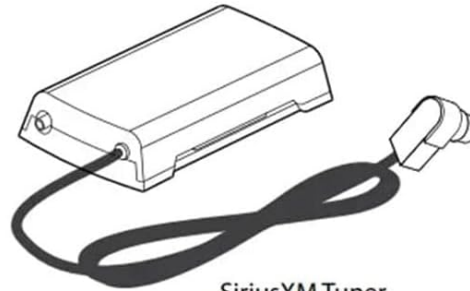
GSR USB cable



Power  
Harness



Vehicle Antenna



SiriusXM Tuner  
SXV300

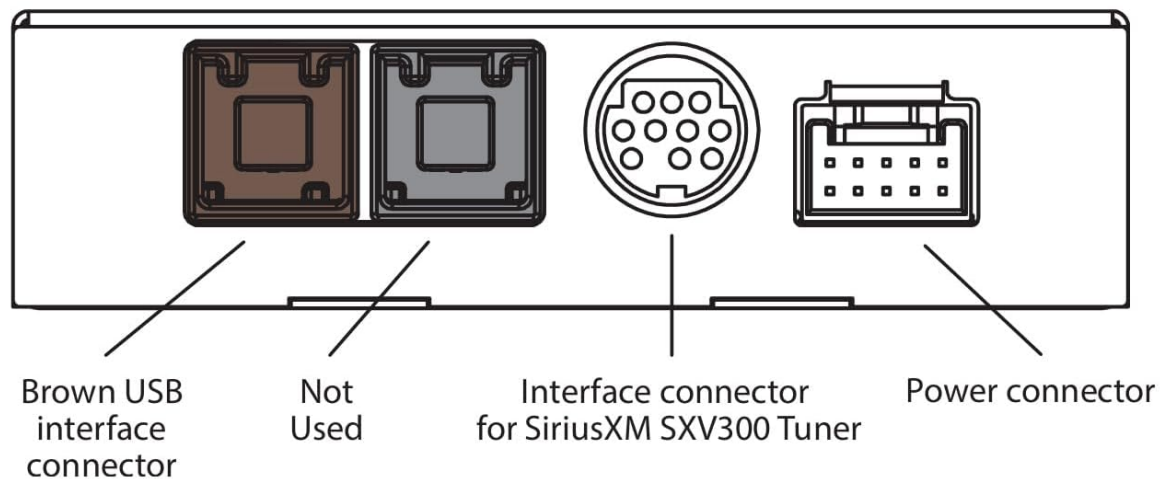
**Vehicle Antenna  
and SiriusXM Tuner  
SXV300 are included  
in GSR-TKIT only**

Image: Diagram illustrating the components included in the kit: GSR Interface Adapter, GSR USB cable, Power Harness, Vehicle Antenna, and SiriusXM Tuner SXV300. Note that the Vehicle Antenna and SiriusXM Tuner SXV300 are included in GSR-TKIT only.

- GSR Interface Adapter
- GSR USB Cable
- Power Harness
- Vehicle Antenna (included with Tuner Kit)
- SiriusXM Tuner SXV300 (included with Tuner Kit)

## 3. GSR CONNECTORS AND PORTS

Familiarize yourself with the various connectors and ports on the GSR Interface Adapter before beginning installation.



# GSR

## Connectors and Ports

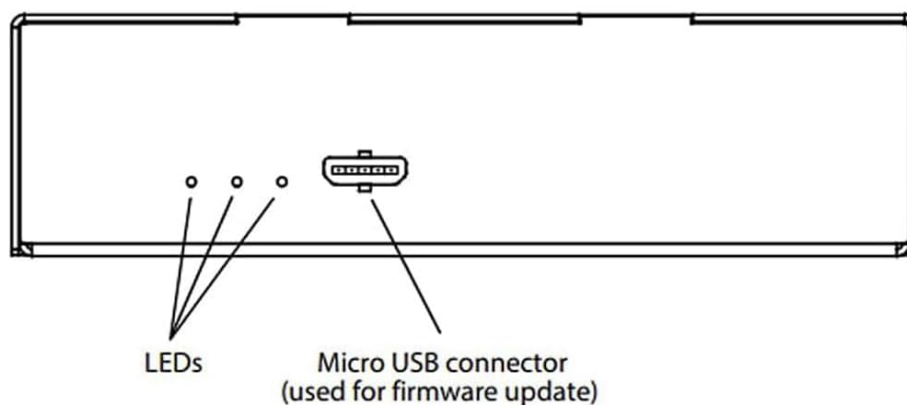


Image: Diagram showing the front and back of the GSR Interface Adapter. The front includes a Brown USB interface connector, an unused port, an Interface connector for SiriusXM SXV300 Tuner, and a Power connector. The back shows LEDs and a Micro USB connector for firmware updates.

- **Brown USB Interface Connector:** Connects to the vehicle's USB data port.
- **Interface Connector for SiriusXM SXV300 Tuner:** Connects the SiriusXM tuner module.
- **Power Connector:** Connects to the vehicle's power source via the provided harness.
- **Micro USB Connector:** Used for firmware updates (located on the back).
- **LEDs:** Indicate device status (located on the back).

## 4. COMPATIBILITY

The VAIS GSR-GM03-w/Tuner Kit is compatible with select GM models. Please refer to the table below to confirm your vehicle's compatibility. Ensure your vehicle has a factory USB port and note any specific requirements like "Without Wireless CarPlay" or "With Touch Screen."

## Compatible with select GM models.

|                 |                |   |          |
|-----------------|----------------|---|----------|
| Blazer          | 2019-2021      | With Factory USB                          | GSR-GM03 |
| Camaro          | 2019-2021      | Without Wireless CarPlay                  | GSR-GM03 |
|                 | 2022-2023      | With Factory USB                          | GSR-GM05 |
|                 | 2016-2017      | 7" Screen with USB port (NOT 4.2" screen) | GSR-GM01 |
|                 | 2018           |   | GSR-GM02 |
|                 | 2019-2021      |   | GSR-GM03 |
| Cruze           | 2016-2017      | With Touch Screen and Factory USB         | GSR-GM01 |
|                 | 2018           |   | GSR-GM02 |
|                 | 2019           |   | GSR-GM03 |
| Equinox         | 2018           |   | GSR-GM01 |
| Encore          | 2019-2021      |   | GSR-GM03 |
| Encore GX       | 2019           |   | GSR-GM04 |
|                 | 2020           | With Touch Screen and Factory USB         | GSR-GM03 |
|                 | 2016-2017      |   | GSR-GM01 |
| Malibu          | 2018           |   | GSR-GM02 |
|                 | 2019-2020      |   | GSR-GM03 |
|                 | 2021-2023      | With Factory USB                          | GSR-GM05 |
| Regal           | 2018           |   | GSR-GM02 |
|                 | 2019-2020      | With Touch Screen Radio                   | GSR-GM03 |
|                 | 2016-2017      |   | GSR-GM01 |
|                 | 2015-2017      | With Non Touch Screen Radio               | GSR-GM02 |
|                 | 2018           | With Factory USB                          | GSR-GM02 |
|                 | 2019           | Classic & 2500HD (Old body style)         | GSR-GM02 |
|                 | 2020-2021      | All-New Silverado                         | GSR-GM03 |
|                 | 2022 Silverado | With Factory USB                          | GSR-GM03 |
|                 | 2023-2024      | With Factory USB                          | GSR-GM05 |
|                 | 2017           | With Factory USB                          | GSR-GM05 |
| Sonic           | 2018-2020      | With Factory USB                          | GSR-GM01 |
|                 | 2017           |   | GSR-GM03 |
| Spark           | 2018-2022      |   | GSR-GM02 |
| Suburban/Tahoe  | 2018-2020      | Without Wireless CarPlay                  | GSR-GM03 |
|                 | 2021-2023      |   | GSR-GM04 |
| Trailblazer     | 2021           | Without Wireless CarPlay                  | GSR-GM05 |
|                 | 2018-2019      | With Wireless CarPlay                     | GSR-GM02 |
| Traverse/Acadia | 2020-2021      | With Factory USB                          | GSR-GM03 |
|                 | 2018-2021      |   | GSR-GM03 |
| Terrain         | 2016           |   | GSR-GM02 |
|                 | 2017           |   | GSR-GM01 |
| Trax            | 2018-2020      |   | GSR-GM03 |

Image: Detailed compatibility table listing various GM models, their model years, specific radio requirements (e.g., With Factory USB, Without Wireless CarPlay, With Touch Screen), and the corresponding GSR-GM03 model.

### Key Compatible Models (GSR-GM03-w/Tuner Kit):

- Blazer (2019-2021) - With Factory USB, Without Wireless CarPlay
- Camaro (2019-2021) - With Factory USB, Without Wireless CarPlay
- Colorado/Canyon (2019-2021) - With Touch Screen and Factory USB
- Equinox (2019-2021) - With Touch Screen and Factory USB
- Encore GX (2020) - With Touch Screen and Factory USB
- Malibu (2019-2020) - With Touch Screen and Factory USB
- Regal (2019-2020) - With Factory USB
- Silverado/Sierra (2019 All-New Silverado, 2020-2021 With Factory USB, 2022 Silverado With Factory USB)
- Sonic (2018-2020) - With Factory USB
- Spark (2018-2022) - With Factory USB
- Trailblazer (2021) - Without Wireless CarPlay
- Traverse/Acadia (2020-2021) - With Factory USB
- Terrain (2018-2021) - With Factory USB
- Trax (2018-2020) - With Factory USB
- Pilot (2023-2025) - All Packages

## 5. INSTALLATION GUIDE

Follow these steps carefully for a successful installation of your VAIS Technology SiriusXM adapter. Professional installation is recommended if you are not comfortable with automotive electrical work.

# How To Install



## Connect OBD II Connector

Connect the OBDII connector to the OBDII connection in the vehicle for power



## Install Antenna on the Roof

For the best Satellite Radio reception, install antenna on the highest point of the vehicle, and must be mounted outside the vehicle



## Connect GSR to Factory USB Port

Route and insert the provided USB-A or USB-C into the appropriate USB port. This port can typically be found on the dashboard or in the center console



## Mount Everything Behind the Panels

Mount the GSR and the SiriusXM Vehicle Tuner behind the dash and secure in place

Image: Four-step visual guide for installation: 1. Connect OBD II Connector, 2. Connect GSR to Factory USB Port, 3. Install Antenna on the Roof, 4. Mount Everything Behind the Panels.

### 1. Connect OBD II Connector:

Locate your vehicle's OBD II port, typically found under the dashboard on the driver's side. Connect the provided OBD II connector to this port. This connection supplies power to the VAIS adapter.

### 2. Connect GSR to Factory USB Port:

Identify the factory USB data port in your vehicle's dashboard or center console. Route and insert the provided USB-A or USB-C cable from the VAIS adapter into this port. This connection is crucial for sending SiriusXM data to your vehicle's radio system.

### 3. Install Antenna on the Roof:

For optimal SiriusXM Satellite Radio reception, the antenna must be mounted on the highest point of the vehicle's roof. Ensure it is mounted outside the vehicle with a clear line of sight to the sky. Route the antenna cable neatly into the vehicle's interior.

### 4. Mount Everything Behind the Panels:

Once all connections are made, securely mount the GSR Interface Adapter and the SiriusXM Vehicle Tuner behind the dash panels. Ensure they are placed in a location where they will not interfere with vehicle operation or be damaged. Use zip ties or other fasteners to keep cables tidy and secure.

*Note: Some installations may require removal of dash panels. Refer to your vehicle's service manual or online resources for specific panel removal instructions.*

## 6. OPERATION

After successful installation, operating your SiriusXM Satellite Radio through the VAIS adapter is straightforward, utilizing your vehicle's existing controls.

# How To use



**A.**

Add SiriusXM To Your Original Factory Radio. You can use your factory steering wheel controls, so your eyes stay on the road.

Browse your favorite channels and categories using factory radio controls. Add up to 36 presets.



**B.**



**C.**

The unit connects behind the dash or via USB, so everything stays hidden.

Image: Visual guide demonstrating how to use the VAIS adapter: A. Using steering wheel controls, B. Browsing channels with factory radio controls, C. Unit connects behind the dash or via USB for hidden installation.

## A. **Activate SiriusXM Subscription:**

Before you can listen, ensure your SiriusXM subscription is active. You will need the Radio ID from your SiriusXM tuner module to activate it. This ID can usually be found on the tuner itself or by tuning to channel 0.

## B. **Select SiriusXM Source:**

Turn on your vehicle and its radio. Navigate through the audio sources (e.g., AM, FM, Bluetooth, USB) using your factory radio controls until you find the SiriusXM source. This is typically labeled "SXM" or "SiriusXM."

## C. **Browse and Enjoy Channels:**

Once the SiriusXM source is selected, you can use your factory radio controls (e.g., tuning knobs, steering wheel buttons) to browse channels, change stations, and access features like presets. The system is designed to integrate seamlessly, allowing you to keep your eyes on the road.

## D. **Setting Presets:**

You can typically add up to 36 presets for your favorite SiriusXM channels, integrating with your existing FM and AM

presets. Consult your vehicle's radio manual for specific instructions on setting and recalling presets.

## Navigate through your SiriusXM channels with ease using the intuitive controls and user-friendly interface of the VAIS adapter



Image: A vehicle's infotainment screen displaying available audio sources, including AM, FM, Bluetooth, and SXM, demonstrating the integrated SiriusXM option.

## 7. TROUBLESHOOTING

If you encounter issues with your VAIS Technology SiriusXM adapter, refer to the following troubleshooting tips:

- **No SiriusXM Signal/Channels:**
  - Ensure the antenna is properly installed on the vehicle's roof with a clear view of the sky. Obstructions (e.g., garages, tunnels, tall buildings) can block the signal.
  - Verify that the SiriusXM tuner module is securely connected to the GSR Interface Adapter.
  - Confirm your SiriusXM subscription is active. Contact SiriusXM customer service if unsure.
- **No Audio/Device Not Recognized:**
  - Check all cable connections: OBD II for power, USB cable to the factory USB port, and the connection between the GSR adapter and the SiriusXM tuner.

- Ensure the vehicle's ignition is on and the radio is powered.
- If your vehicle "indexes" media upon startup, wait a minute or two for the system to fully recognize the adapter.
- **Intermittent Signal/Audio Dropouts:**
  - Re-check the antenna placement. It should be firmly mounted and unobstructed.
  - Inspect antenna cable for kinks or damage.
  - Ensure all connections are tight and secure.
- **Controls Not Responding:**
  - Verify that the correct audio source (SiriusXM) is selected on your factory radio.
  - Ensure the GSR adapter is receiving power and data.
  - If issues persist, try disconnecting and reconnecting the OBD II power and USB cables to reset the unit.

For further assistance, please contact VAIS Technology customer support.

## 8. SPECIFICATIONS

Detailed specifications for the VAIS Technology GSR-GM03-w/Tuner Kit:

| Feature                 | Detail   |
|-------------------------|--|
| Model Number            | GSR-GM03-w/Tuner Kit   |
| Product Dimensions      | 5 x 1 x 9 inches (GSR unit)  |
| Item Weight             | 1 pound (approx. 16 ounces)  |
| Connectivity Technology | USB  |
| Power Source            | 12 volts (via OBD II)  |
| Included Components     | SXV300V1 SiriusXM tuner module, GSR Interface Adapter, cables, antenna |
| Recommended Uses        | Music, News, Entertainment via SiriusXM Satellite Radio                |
| Integration             | Seamless integration with select factory GM radios                     |

## 9. MAINTENANCE

The VAIS Technology GSR-GM03-w/Tuner Kit is designed for long-term, maintenance-free operation once installed. Follow these general guidelines to ensure its longevity:

- **Keep Connections Secure:** Periodically check that all cables and connectors remain firmly seated, especially if the vehicle experiences significant vibrations or impacts.
- **Avoid Exposure to Moisture/Extreme Temperatures:** While designed for automotive environments, avoid direct exposure of the main units to excessive moisture or extreme temperatures outside of normal vehicle operating conditions.
- **Clean Gently:** If the exterior of the unit requires cleaning, use a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Firmware Updates:** Occasionally, VAIS Technology may release firmware updates for improved performance or compatibility. Check the VAIS Technology website for information on available updates and instructions on how to apply them via the Micro USB port.

# 10. WARRANTY AND SUPPORT


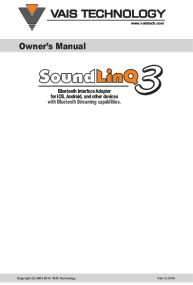
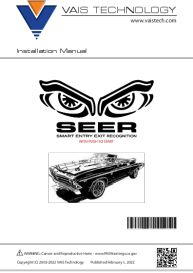
For information regarding product warranty, please refer to the warranty card included with your purchase or visit the official VAIS Technology website. VAIS Technology stands behind the quality of its products.

For technical support, installation assistance, or any other inquiries, please contact VAIS Technology customer service. You can find contact information and additional resources on their official website:

[Visit the VAIS Technology Store on Amazon](#)

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Model: GSR-GM03-w/Tuner Kit

## Related Documents

|   |  |
|---|--|
|   | <p><a href="#">VAIS TECHNOLOGY GSR Owner's Manual: SiriusXM Satellite Radio Interface</a></p> <p>Owner's manual and installation guide for the VAIS TECHNOLOGY GSR (Generation 2) SiriusXM Satellite Radio Interface, detailing setup, operation, firmware updates, and vehicle compatibility.</p>                       |
|  | <p><a href="#">VAIS TECHNOLOGY SoundLinQ3 Owner's Manual</a></p> <p>This owner's manual provides detailed instructions for installing and operating the VAIS TECHNOLOGY SoundLinQ3 Bluetooth Interface Adapter. Learn how to connect your iOS or Android device for seamless audio streaming in compatible vehicles.</p> |
|  | <p><a href="#">VAIS Technology SEER Installation Manual</a></p> <p>Comprehensive installation manual for the VAIS Technology SEER Smart Entry Exit Recognition system with Push to Start. Includes detailed instructions, diagrams, and safety warnings for a proper and safe installation.</p>                          |