



GSR Gen 2 SiriusXM Satellite Radio Interface
**INSTALLATION AND
OPERATION MANUAL**

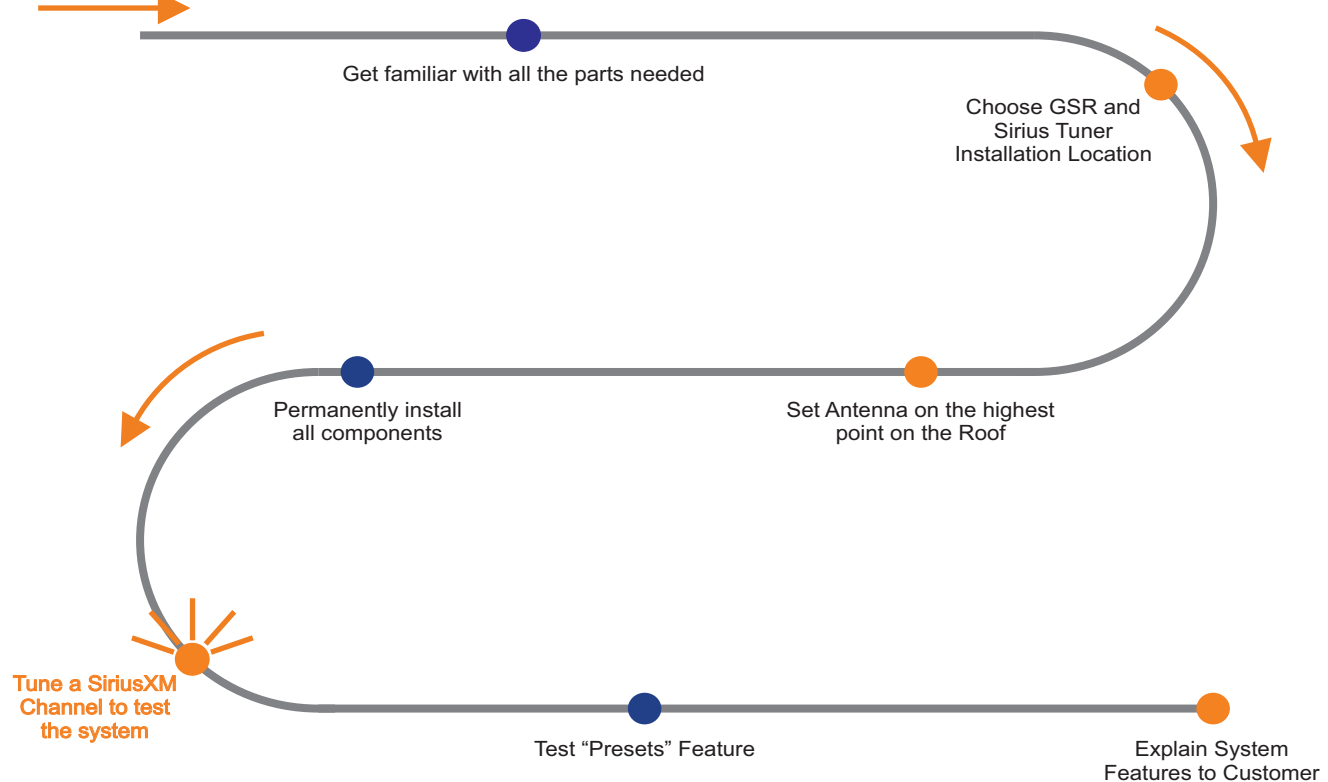


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Installation Route

Start Here



Safety

Read and follow this installation manual in its entirety. You should read and familiarize yourself thoroughly with the following information prior to installing and using this unit. In addition, make sure to read and follow all installation schematics and installation manuals for the product and the vehicle in which it is being installed.

Have the electrical installation performed by a certified installer. The installation of the wiring for this product requires technical skills and experience of a 12V professional installer.

Throughout this manual you will encounter Warning and Caution signs. Warning signs will be color-coded in black. A Warning sign indicates a hazardous situation that, if not avoided, could result in severe injury. Caution signs will be color-coded in gray. A Caution sign indicates a hazardous situation that, if not avoided, could result in equipment damage and/or minor injury.

WARNING

Do not disassemble or alter any provided part.
Doing so may result in fire or electric shock.

WARNING

Do not block the air bags.

WARNING

Do not let the product or any added equipment
distract you while driving.

CAUTION

Use only the specified accessories, tools and parts.

BEFORE WIRING, DISCONNECT THE CABLE FROM THE NEGATIVE BATTERY TERMINAL. Before starting any installation work, you must wait 90 seconds after turning the ignition switch to the LOCK position and disconnecting the negative (-) terminal from the battery. The supplemental restraint system (airbag) is equipped with a backup power source. If installation work is started less 90 seconds after disconnection of the negative (-) battery terminal, the SRS may deploy. When the negative (-) terminal cable is disconnected from the battery the clock and audio systems memory will be erased.

Before starting installation work make a record of the clock and audio systems memory settings. When installation is complete, reset the clock and audio systems to their previous settings. Check power tilt, power telescopic steering column, front power seats, power mirrors, and power shoulder belt anchorage are equipped with a memory function. When installation is complete, it is necessary to readjust the features to their previous settings. Never use a backup power supply (such as another battery) during installation work to avoid losing these memory settings.

CHECK YOUR LOCAL LAWS

Some States/Provinces or other governmental jurisdictions (such as cities) may have laws that prohibit the operation of a video screen within the sight of the Driver. If you have purchased such a product, you should use the product only in locations where it is legal to do so, and if you do use the product, set up the screen so it is only visible to passengers.

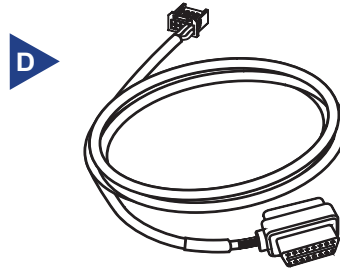
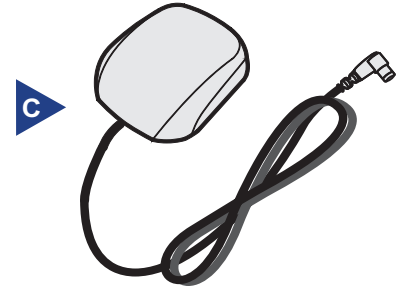
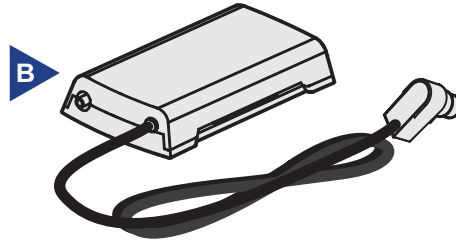
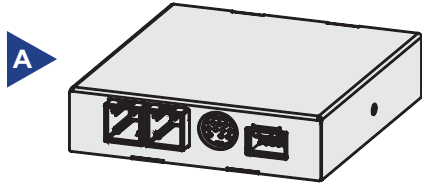
About SiriusXM Satellite Radio Operation

The unit may refuse to change the channel if your reception is going ON and OFF. Please wait until your reception stabilizes in order for the unit to allow you to change the channel easily. Due to bad reception in some areas, SiriusXM Satellite Radio may not work and/or not able to display text.



INSTALLATION SECTION

Included Parts



A. GSR Interface Adapter

B. SiriusXM Tuner SXV300

C. Antenna

D. Power Harness

E. USB-A / USB-C Connector

GSR Wiring

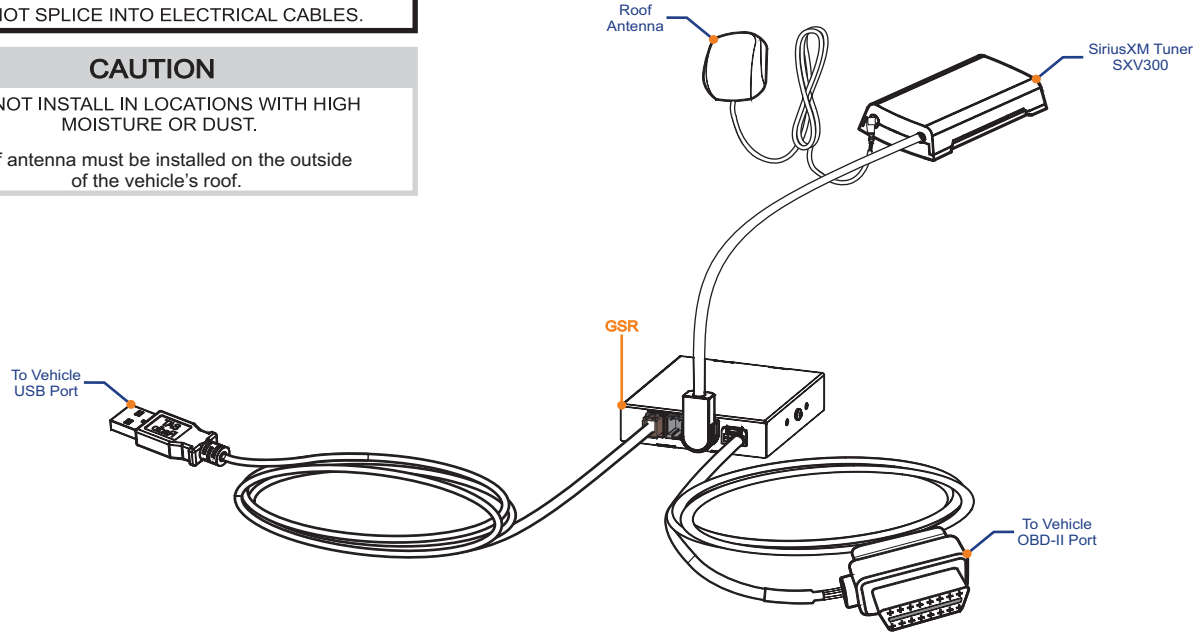
WARNING

DO NOT SPLICE INTO ELECTRICAL CABLES.

CAUTION

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST.

Roof antenna must be installed on the outside of the vehicle's roof.



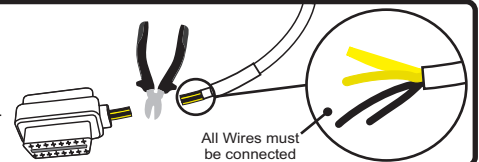
USB Port

You may get a different USB port than the one pictured. We offer two distinct USB ports depending on the GSR product purchased. They both work the same and are designed to fit your car's console.

Alternative Wiring

Constant Battery Power. If you can not use the OBDII connector to power your GSR system you may use constant battery power instead.

To do this, simply cut the harness with the OBDII port and expose the two Yellow (+12V) and two Black (Ground) wires. Both yellow wires must be connected to a constant power source and as so, both black wires must be connected to ground.



System Installation

STEP 1

Choose installation location. Most installations locate the GSR and Tuner behind the car's dash.

STEP 2

Install Antenna. Install magnetic antenna on the highest point available on your car's roof.

For the best installation practices, visit our Youtube Channel for an installation video.



www.youtube.com/watch?v=6O5TssDxg0l

STEP 3

Route Cables. Lay out all the components and cables. Do not make any final connections yet. Make sure cables do not become entangled with any of the vehicle's components and/or block any safety devices.

STEP 4

Plug Connectors. Plug the OBDII and USB connector to their respective ports. The OBDII port is usually located under your car's steering wheel while the USB is usually located near by the car's radio. To find the location of your port refer to the car's Owner's Manual.

STEP 5

Permanent Installation. Fix all components to the vehicle and supply power to the system.

STEP 6

Test System Features. Turn on the car and tune a SiriusXM channel. Make sure to also save a preset and confirm it doesn't disappear after turning the car off and turning it back on.



WARNING

DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS.

CAUTION

Do not use USB extension cables.



OPERATION SECTION

SourceSelection

Your GSR SiriusXM system is controlled with your stock radio and steering wheel media controls. To tune SiriusXM channels and save presets follow the steps below:

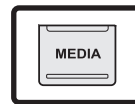
- 1 Press the **Audio Source** button on your car.



Depending on your car brand and model, this button may look like one of these examples; or it may look completely different.



or



or



- 2 Select **USB** as media source on your radio.



Depending on your car brand and model, this option may look like one of these examples; or it may look completely different.



or



or



or



- 3 **Browse** the USB source.



Depending on your car brand and model, this option may look like one of these examples; or it may look completely different.



or



or



or



or



- 4 Enter "**Artists**" folder. Inside this folder you'll find the whole GSR SiriusXM system interface.



BrowseChannels

- 1 Select “**Artists**” inside the USB audio source on your car radio.
- 2 Select “**Tune Presets/Channels**”.
 - ↳ Inside this folder, you’ll find several options.
- 3 Select “**All Channels**”.
 - ↳ Inside this folder, you’ll find all the available SiriusXM channels.
- 4 Select the channel of your choice.
- 5 Use your car radio or steering wheel controls (Fast Forward, Rewind, Tune, Volume) to tune other SiriusXM channels.

Saving Presets



VAIS Tips:

You may save up to 36 channels as presets.

To add a channel to your presets list and tune it afterwards, follow the steps below:

- 1 Tune the channel you would like to add as preset.
- 2 Select “**Artists**” inside the USB audio source on your car radio.
- 3 Select “**Tune Presets/Channels**”.
 - ↳ Inside this folder, you will find several options.
- 4 Select “**Add Current Channel as Preset**”.
 - ↳ Within this option, you will see the name of the current channel being tuned.
- 5 Confirm your choice by selecting “**Save Current Channel**”.
- 6 Once your channel is confirmed you will automatically be returned to the “Now Playing” screen.
 - ↳ The letter “P” followed by a number will appear next to the channel name. This indicates the preset number.

Tuning Presets

1 Select **“My Presets”** within the **“Tune Presets/Channels”** folder.

2 Tune the channel of your choice.

or



Long press the Fast Forward/Rewind buttons on your car radio or steering wheel to cycle between your saved presets.

NOTICE: This feature may not work on some Honda models.

Deleting Presets

To delete a channel from your presets list, follow the steps below:

1 Within the **“Tune Presets/Channels”** folder, select **“Delete Preset”**.

↳ Inside this folder, you will find several options.

2 Find the channel you wish to delete.

↳ Within this option, you will see the name of the current channel being tuned.

Optional

If instead of deleting one channel at a time you'd like to delete all your presets at the same time select the option **“Delete All Presets”** within the **“Tune Presets/Channels”** folder.

SiriusXM Categories

You may browse your SiriusXM channels by categories instead of by name. To do so, follow the steps below:

- 1 Within the “Artists” folder, select “**Browse by Category**”.
 - ↳ Within this option, you’ll see a list of different categories.
- 2 Select the category you wish to continue browsing.
 - ↳ Within this option, you will see a list of channels.

System Information

To see your signal strength, software info, hardware info and Radio ID / TunerID numbers follow the steps below:

- 1 Within the “Artists” folder, select “**System Information**”.
 - ↳ Within this option, you will see different information.

Symptoms

Check

1 Presets disappear after turning the car off

1. The GSR system requires a constant 12V power source. Check the power connection to your GSR system to verify you're receiving constant power.

2 SiriusXM doesn't show as an available media source on the car radio

1. Verify the power connection to the GSR system including all harnesses.
2. Confirm the LED lights on the GSR module are on.
3. Verify the USB connection between the GSR system and the vehicle's USB port.
4. Verify GSR is connected to Media port and not to the charging port.

3 A "Check Antenna" message appears on the radio screen

1. Verify the antenna connection to the SiriusXM Tuner.

4 A "No Signal" message appears on the radio screen

1. Confirm the antenna has a clear view of the southern sky.

5 A "Check Tuner" message appears on the radio screen

1. Verify the harness connection between the SiriusXM tuner and GSR module.



VAISTips:

If you encounter any abnormal radio behavior (e.g. missing menus and/or features) a full radio reset may resolve the issue. To reset your radio to factory settings refer to your car Owner's Manual.

VAIS technology is not responsible for or liable for any installation cost, property loss, damages whatsoever, including but not limited to, any consequential damages, incidental damages, loss of time, loss of earnings, commercial loss, loss of economic opportunity and the like that may or may not be resulted from the operation of the seer product(s). Manufacturer does offer a limited warranty to replace or repair the control module. Visit <https://www.vaistech.com/download/15244/> for more warranty information.



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