VAIS TECHNOLOGY

GSR

SiriusXM Satellite Radio interface

(SXV300 SiriusXM Tuner required)

Model GSR-092

MAZDA

⚠ WARNING

DO NOT DISASSEMBLE OR ALTER
Doing so may result in an accident, fire or electric shock

Do not block the airbag
Do not mount product or any added audio and/or video equipment where it can obstruct the operation of any safety devices such as the airbag.

Distraction warning
Do not let product or any added audio and/or video equipment distract you while you are driving.

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 . Power tilt, power telescopic steering column, front power seats, power mirrors, and power shoulder belt anchorage are equipped with a memory function .The rear power seat is not equipped with a memory function. e and they can make a record of the memory contents, rear power seat is not equipped with the 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.

⚠ CAUTION

DO NOT SPLICE INTO ELECTRICAL CABLES
Never cut away cable insulation to supply power to other equipment. Doing so will exceed the current carrying capacity of the wire and result in fire or electric shock .

DO NOT ALLOW CABLES TO BECOME ENTANGLED IN SURROUNDING OBJECTS
Cables or wiring that obstruct or get caught on places such as the steering wheel, shift lever, brake pedals, etc. can be extremely hazardous.

DO NOT INSTALL IN LOCATIONS WITH HIGH MOISTURE OR DUST
Moisture or dust may result in product failure.

HAVE THE WIRING AND INSTALLATION DONE BY EXPERTS
The wiring and installation of this product requires special technical skills and experience.

USE ONLY SPECIFIED ACCESSORY PARTS
Use of other than specified parts may damage product internally.

FOLLOW THE OPERATIONAL AND INSTALLATION MANUALS.
YOU SHOULD READ AND FAMILIARIZE YOURSELF THOROUGHLY WITH THE FOLLOWING INFORMATION PRIOR TO INSTALLING AND USING THIS UNIT. IN ADDITION, YOU MUST CAREFULLY READ AND FOLLOW THE INSTALLATION SCHEMATICS/INSTRUCTIONS FOR THE PRODUCT AND THE VEHICLE IN WHICH IT IS BEING INSTALLED. FAILURE TO FOLLOW INSTALLATION INSTRUCTIONS MAY DAMAGE THE PRODUCT AND THE VEHICLE, WILL VOID THE PRODUCT WARRANTY, AND MAY VOID THE VEHICLE WARRANTY

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.
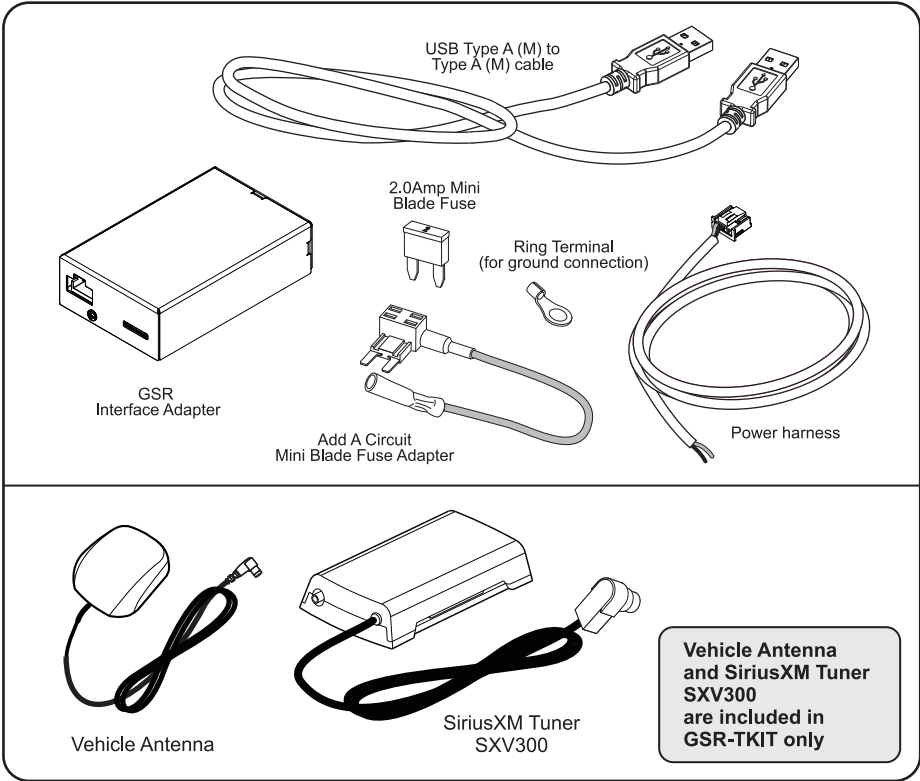
ⓘ IMPORTANT

This unit is an interface adapter for Toyota/Scion head unit to control the SiriusXM Tuner SX300 (SOLD SEPARATELY) .

ⓘ 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.
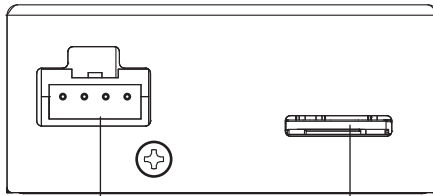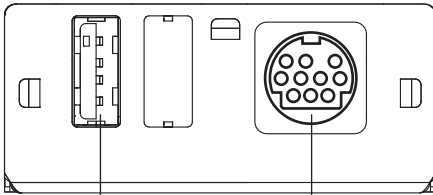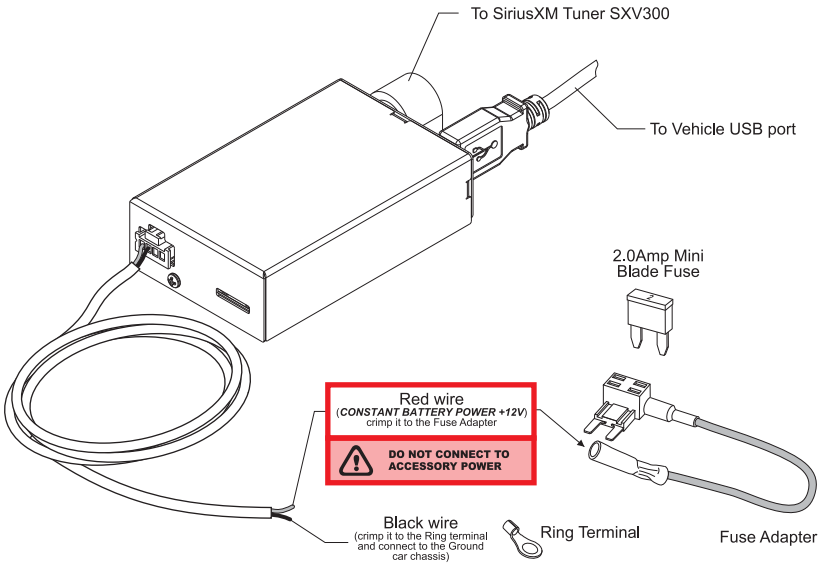
What's Included

USB Type A (M) to
Type A (M) cable

2.0Amp Mini
Blade Fuse

Ring Terminal
(for ground connection)

GSR
Interface Adapter

Add A Circuit
Mini Blade Fuse Adapter

Power harness

Vehicle Antenna

SiriusXM Tuner
SXV300

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

GSR Connectors and Ports

GSR

Model: GSR-092

USB interface
connector

Interface connector
for SiriusXM SXV300 Tuner

Power connector

microSD card slot
(used for software update)

Connecting GSR

To SiriusXM Tuner SXV300

To Vehicle USB port

2.0Amp Mini Blade Fuse

Red wire
(*CONSTANT BATTERY POWER +12V*)
crimp it to the Fuse Adapter

⚠ DO NOT CONNECT TO ACCESSORY POWER

Black wire
(crimp it to the Ring terminal and connect to the Ground car chassis)

Ring Terminal

Fuse Adapter

Fuse Adapter Connection Diagram

Original Vehicle Fuse

GSR
2.0 Amp Fuse
(pre-installed)

Fuse Adapter
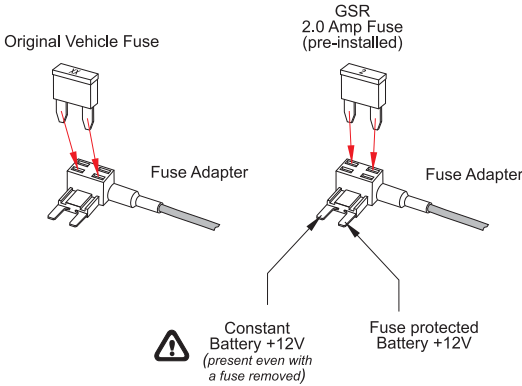
Fuse Adapter

⚠ **INFORMATION**

GSR is equipped with internal resettable electronic fuse. This allows direct constant Battery +12V connection without fuse if necessary.

⚠ Constant Battery +12V
(*present even with a fuse removed*)

Fuse protected Battery +12V

⚠ **CAUTION**

When Fuse Add-on adapter is used for GSR constant +12V connection using the fuse box, located in Driver side junction block assembly, make sure you do not utilize any drive operation and/or safety critical fuses, such as Engine Control, Immobiliser System, ABS, Traction Control, Vehicle Stability Control, Cruise Control, Theft Deterrent, Head/Tail Lights fuses.
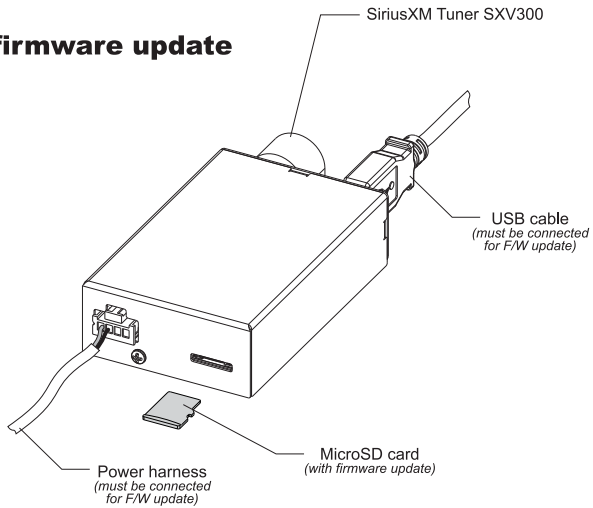
Mounting unit using Velcro fasteners

GSR

"Hard" Velcro Fastener

"Soft" Velcro Fastener

Carpet or car chassis
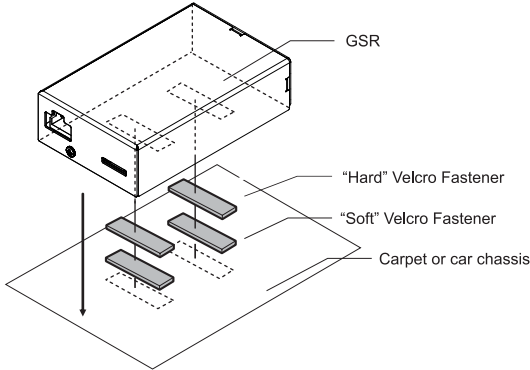
🔖 NOTE
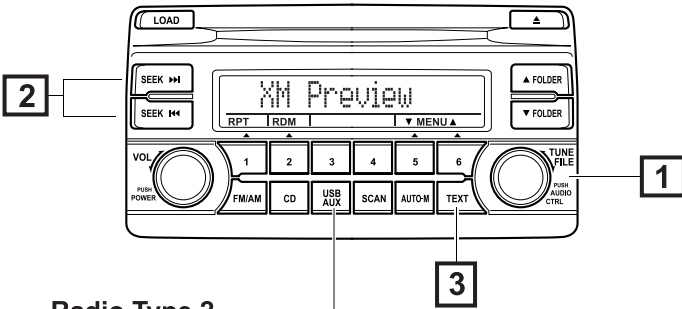- Velcro Fasteners are not included

⚠ ATTENTION

We strongly recommend that you install the unit in an easily accessible location, so you can later update the firmware.
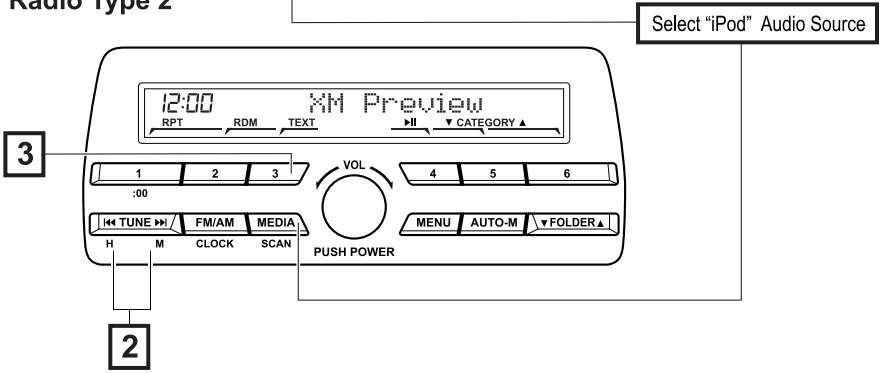
About GSR firmware update

SiriusXM Tuner SXV300

USB cable
(must be connected for F/W update)

MicroSD card
(with firmware update)

Power harness
(must be connected for F/W update)

Radio Type 1

2 → (SEEK ▶▶ / SEEK ◀◀)

Display: XM Preview
RPT RDM ▼ MENU ▲

VOL / PUSH POWER · 1 2 3 4 5 6 · FM/AM · CD · USB AUX · SCAN · AUTO-M · TEXT · TUNE FILE / PUSH AUDIO CTRL

1

3

Radio Type 2

Select "iPod" Audio Source

Display: 12:00   XM Preview
RPT RDM TEXT ▶II ▼ CATEGORY ▲

3

1 2 3   VOL   4 5 6
:00
◀◀ TUNE ▶▶ FM/AM MEDIA   MENU AUTO-M ▼ FOLDER ▲
H   M   CLOCK   SCAN   PUSH POWER

2

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1 Tuning Knob - switch to next available channel, depending on direction of rotation.
(Tuning knob may not be available while radio is loading channel list.)
Available for Radio Type 1 only.

2 Track "Seek ▶▶" and "Seek ◀◀" switch to next available channel.

Push and Hold on "Seek ▶▶" and "Seek ◀◀" to switch to next available Preset.
(switch happens ~ 1-2 sec after the beep)

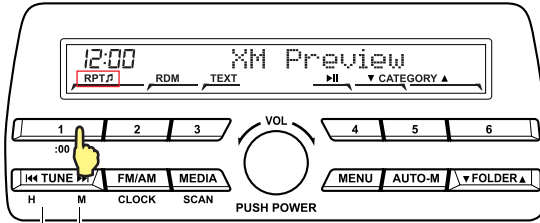**3** Use "TEXT" button to change display mode.

Add/Delete Presets
(using Radio Controls)
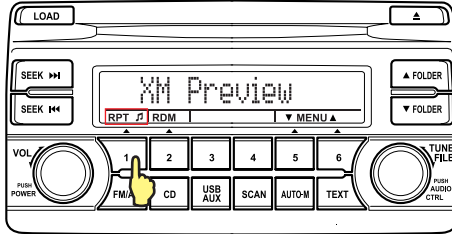
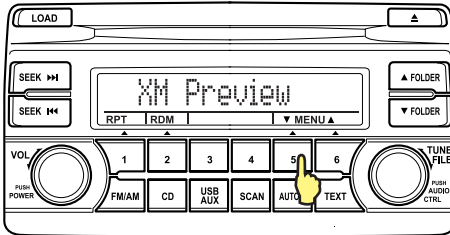### Radio Type 1

Radio Type 2

When "Repeat" is active, Push and Hold on "Seek ▶▶I" or "Seek I◀◀" to add current channel to the Preset List. Continue holding the button ~ 1-2 sec after the beep. If current channel is already in the Preset List, it will be deleted from it.
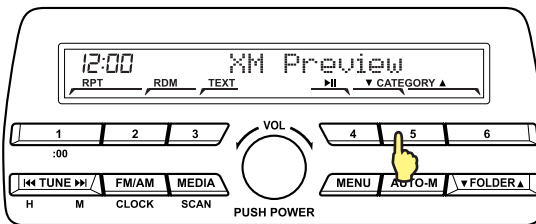
View Tuner ID and GSR Model/Firmware
(using Radio Controls)

Radio Type 1

Radio Type 2

1. Press Menu or Category (depending on the radio)
2. Press "TEXT" to select "ARTIST" for Tuner ID
3. Continue pressing "TEXT" to select "ALBUM" for Subscription Status and Signal Level
4. Continue pressing "TEXT" to select "SONG" for GSR Model and Firmware version
5. Press Menu or Category (depending on the radio) to return to channel information

Tuner ID

ARTIST   TID:XXXXXXXX

Subscription Status   Signal Level

ALBUM   ACTV:LVL3

GSR Model   Firmware version

SONG   M092 v1.1.931