

XAV-742/XAV-712BT/XAV-612BT/XAV-602BT

English

Cautions

- Run all ground (earth) leads to a common ground (earth) point.
- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not disassemble or modify the unit.
- Do not install in locations which interfere with airbag operation.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat ralling).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the yellow and red power supply leads only after all other leads have been connected.
- Be sure to insulate any loose unconnected leads with electrical tape for safety.
- Do not press on the LCD when installing the unit.
- Install the unit with the monitor facing straight forward; do not install it at a slanted angle.

Notes on the power supply lead (yellow)

- When connecting this unit in combination with other stereo components, the amperage rating of the car circuit to which the unit is connected must be higher than the sum of each component's fuse amperage rating.
- If no car circuits are rated high enough, connect the unit directly to the battery.

Parts list

- The bracket (1) is attached to the unit before shipping. Before mounting the unit, use the release keys (2) to remove the bracket (1) from the unit. For details, see "Removing the bracket (1)" on the reverse side of the sheet.
- The screws (3) and frames (4) are attached to the unit before shipping. For details, see "Adjusting the frames (3)" on the reverse side (XAV-742/712BT only).

Connection diagram

- To a common ground (earth) point**
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.
- To the power antenna (aerial) control lead or the power supply lead of the antenna (aerial) booster**
Notes:
• It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).
• If your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."
To AMP REMOTE IN of an optional power amplifier
This connection is only for amplifiers. Connecting any other system may damage the unit.
- To a car's illumination signal**
Be sure to first connect the black ground (earth) lead to a common ground (earth) point.
- To the +12 V power terminal which is energized when the ignition switch is set to the accessory position**
Notes:
• If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times.
Be sure to first connect the black ground (earth) lead to a common ground (earth) point.
• If your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."
- To the +12 V power terminal which is energized at all times**
Be sure to first connect the black ground (earth) lead to a common ground (earth) point.
- To the parking brake switch cord**
The mounting position of the parking brake switch cord depends on your car. For details, see "Connecting the parking brake lead (12)" on the reverse side.
- To an auxiliary device such as a portable media player, game console, etc. (not supplied)**
Tip
You can use an RCA pin cord (not supplied) to connect auxiliary devices.
- To the +12 V power terminal of the car's rear lamp lead (only when connecting the rear view camera)**

- Notes on the control and power supply leads
- REM OUT lead (blue/white striped) supplies +12 V DC when you turn on the unit.
 - If your car has built-in FM/AM antenna (aerial) in the rear/side glass, connect REM OUT lead (blue/white striped) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.
 - A power antenna (aerial) without a relay box cannot be used with this unit.

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

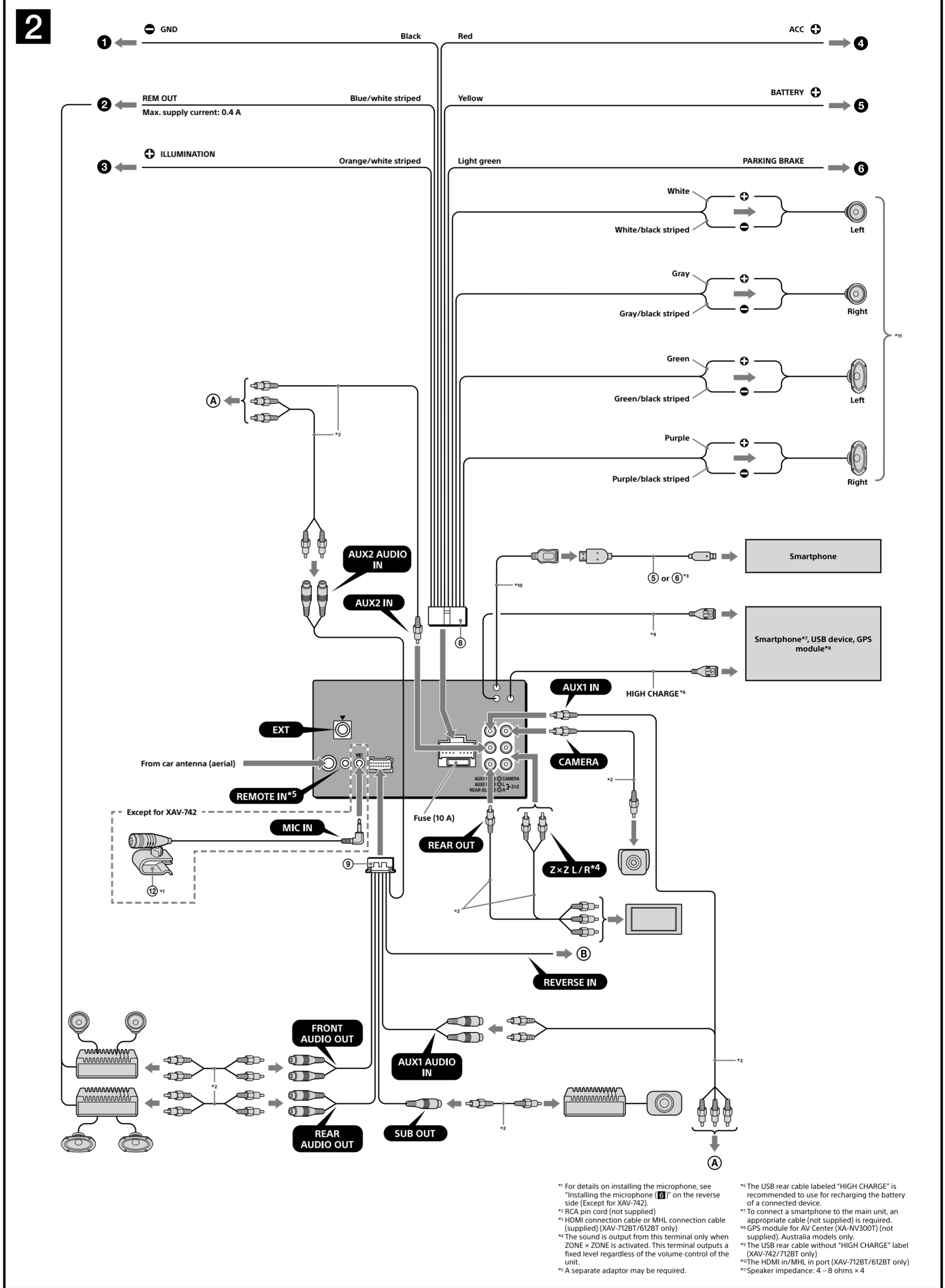
- Notes on speaker connection
- Before connecting the speakers, turn the unit off.
 - Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid damage.
 - Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speakers.
 - Do not connect the ground (earth) lead of this unit to the negative (-) terminal of a speaker.
 - Do not attempt to connect the speakers in parallel.
 - Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.
 - To avoid a malfunction, do not use the built-in speaker leads installed in your car if they feature a common negative (-) lead for the right and left speakers.
 - Do not connect the unit's speaker leads to each other.

Notes on connection
If [Check Audio Output Wiring] appears in the display, make sure the speaker and amplifier are connected correctly.
To use the monitor for the rear seats, connect the parking brake switch cord to the ground (earth).

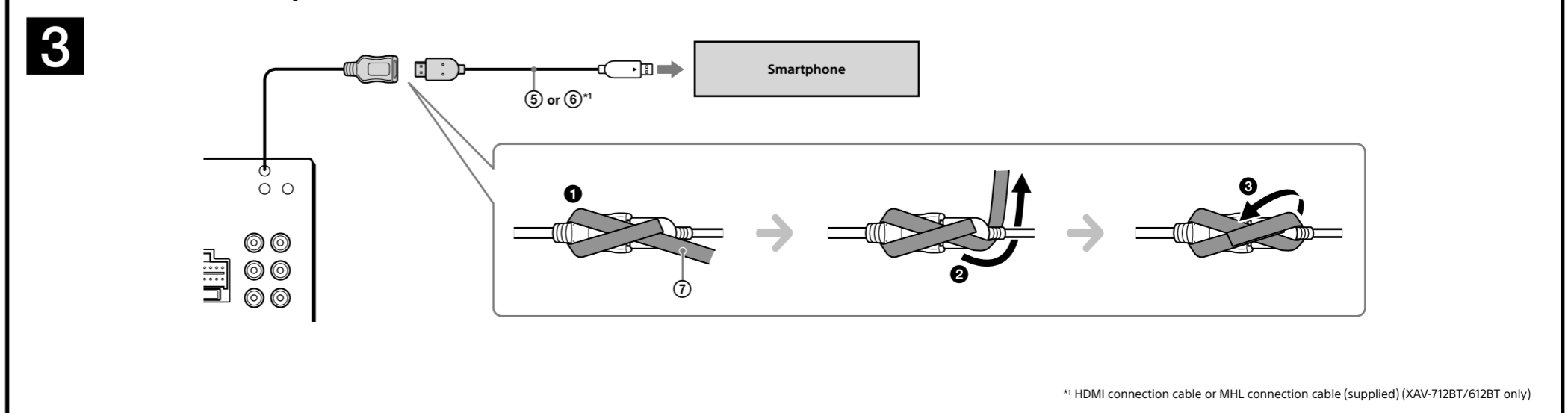
Securing the connection of the HDMI/MHL connection cable (XAV-712BT/612BT only)

Secure the connection between the HDMI/MHL connection cable and main unit, using the hook and loop fastener (7).

- Wrap the hook and loop fastener (7) around the neck of a cable.
- Pull the hook and loop fastener (7) firmly back around the neck of the other cable.
- Bring the ends of the hook and loop fastener (7) together to secure the connection of the cables.



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*1 HDMI connection cable or MHL connection cable (supplied) (XAV-712BT/612BT only)

Precautions

- Choose the installation location carefully so that the unit will not interfere with normal driving operations.
- Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperature, such as in direct sunlight or near heater ducts.
- Use only the supplied mounting hardware for a safe and secure installation.
- To move the front panel smoothly, to insert/eject a disc easily, and especially to drive safely, keep an adequate distance between the front panel and the shift lever. The necessary distance differs, depending on the shift lever position of your car. Before installing the unit, choose the installation location carefully so that you can drive safely. (For XAV-742/712BT, see fig. 4.)

Mounting angle adjustment

Adjust the mounting angle to less than 45°.

About illustrations

XAV-602BT is the model used for illustration purposes, unless otherwise noted.

Connecting the parking brake lead 5

Be sure to connect the parking brake lead (light green) of the power supply connection cable ③ to the parking brake switch cord.

Installing the microphone 6
(Except for XAV-742)

To capture your voice during handsfree calling, you need to install the microphone ⑥.

- Cautions**
- Keep the microphone away from extremely high temperatures and humidity.
 - It is extremely dangerous if the cord becomes wound around the steering column or gearstick. Be sure to keep it and other parts from obstructing your driving.
 - If airbags or any other shock-absorbing equipment is in your car, contact the store where you purchased this unit, or the car dealer, before installation.

- Notes**
- Before attaching the double-sided tape ⑤, clean the surface of the dashboard with a dry cloth.
 - Adjust the microphone angle to the proper position.

How to detach and attach the front panel 7 (XAV-612BT/602BT only)

Before installing the unit, detach the front panel.

7-A To detach

Before detaching the front panel, press and hold OFF for more than 2 seconds to turn off the unit. Press ④ and then hold the left side of the front panel and pull it open to the right.

Tip
If you also lift the left side of the front panel slightly ①, the front panel comes out easily.

7-B To attach

Place the recesses ④ of the front panel onto the pegs ③ on the unit, then lightly push the left side in.

Removing the bracket 8

Before installing the unit, remove the bracket ① from the unit. Keep the release keys ② for future use as they are also necessary if you remove the unit from your car.

Caution
Handle the bracket ① carefully to avoid injuring your fingers.

- 1 Insert the release keys ② into the catches between the unit and the bracket ① at the same time until they click.
- 2 Pull down the bracket ①, then pull up the unit to separate them.

Note
The form of the frame and location of the catch may differ depending on the model.

Adjusting the frames 9
(XAV-742/712BT only)

You can adjust the projecting part of the unit when the unit is mounted.

- 1 Remove the screws ③ from both sides of the unit.
- 2 Choose a screw hole from ①, ② or ④ on each frame ④.
If you secure the frames ④ with the screw holes ① (default position), it will maximize the projecting part of the unit. On the other hand, screw holes ② will minimize the projecting part.
- 3 Reattach the frames ④ with the selected screw holes with the removed screws ③.

- Notes**
- Choose the same screw hole position on both frames.
 - If you intend to secure the frames with screw holes ② or ④, make sure that there is enough space in the dashboard of your car for the unit.

Mounting the unit 10

10-A Mounting the unit with the supplied bracket

- 1 Before installing, make sure that the catches on both sides of the bracket ① are bent inwards 3.5 mm (1/8 in).
- 2 Position the supplied bracket ① inside the dashboard.
- 3 Bend the claws outward for a tight fit.
- 4 Mount the unit onto the supplied bracket ①.

Note
If the catches are straight or bent outwards, the unit will not be installed securely and may spring out.

10-B Mounting the unit in a Japanese car

You may be able to install this unit in some makes of Japanese cars without the supplied bracket. If you cannot, consult your Sony dealer.
When mounting this unit to the preinstalled brackets of your car, use the supplied screws ⑩ in the appropriate screw holes, based on your car: T for TOYOTA, M for MITSUBISHI and N for NISSAN.

- Notes**
- To avoid a malfunction, install only with the supplied screws ⑩.
 - Do not apply excessive force to the buttons of the unit.
 - Do not press on the LCD.
 - Before mounting, make sure there is nothing on the top of the unit.

Warning if your car's ignition has no ACC position

Be sure to set the Auto OFF function. For details, refer to the supplied "Operating Instructions." The unit will shut off completely and automatically in the set time when no source is selected, which prevents battery drainage. If the Auto OFF function has not been set, press and hold OFF until the display disappears each time you turn the ignition off.

Reset button 11

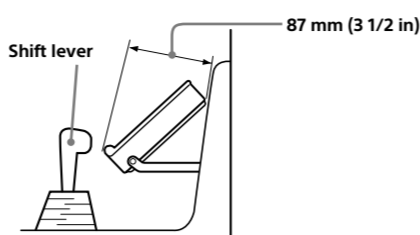
When the installation and connections are completed, be sure to press the reset button, which is located behind the front panel, with a ballpoint pen, etc.

Fuse replacement 12

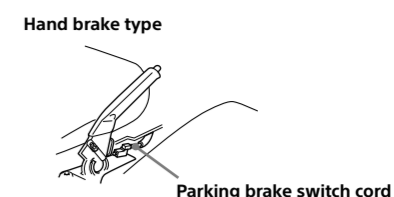
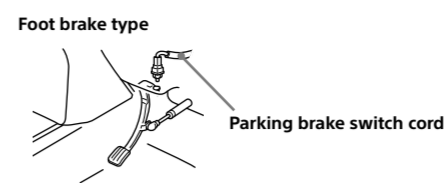
When replacing the fuse, be sure to use one matching the amperage rating stated on the original fuse. If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after replacement, there may be an internal malfunction. In such a case, consult your nearest Sony dealer.

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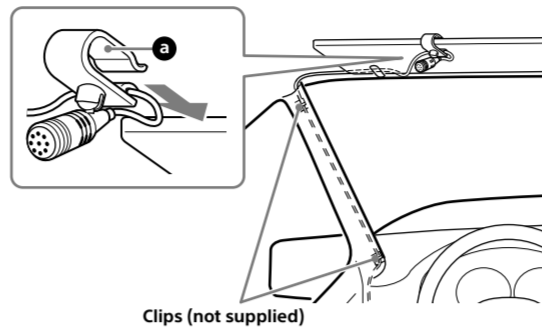
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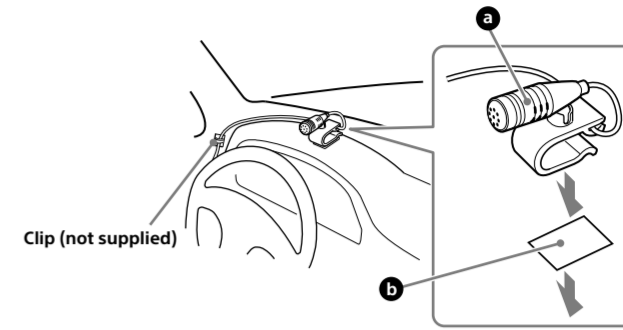
Except for XAV-742

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Installing on the sun visor

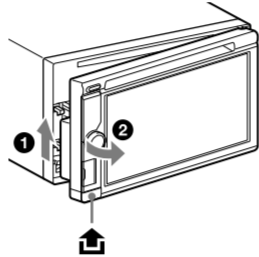


Installing on the dashboard

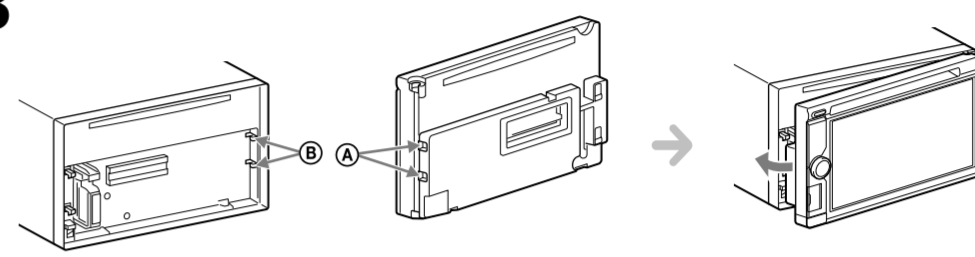


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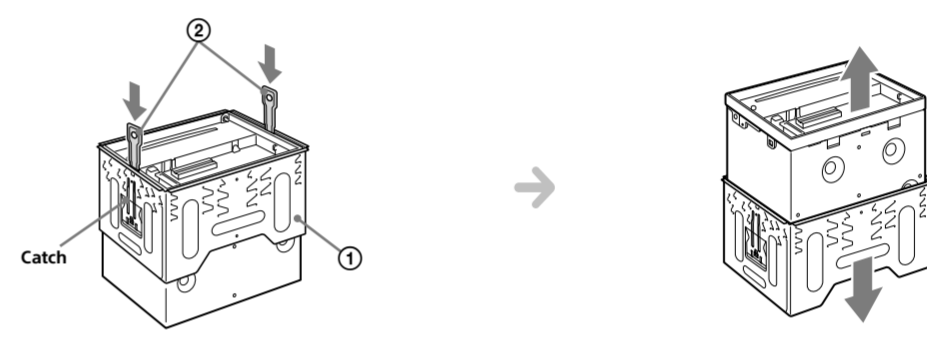
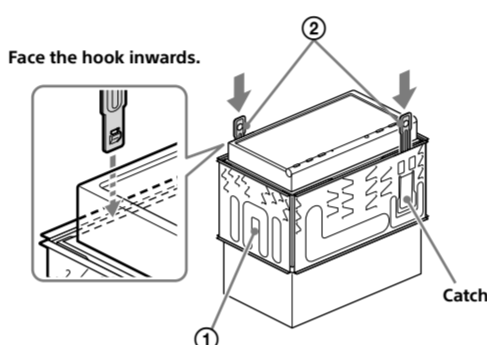
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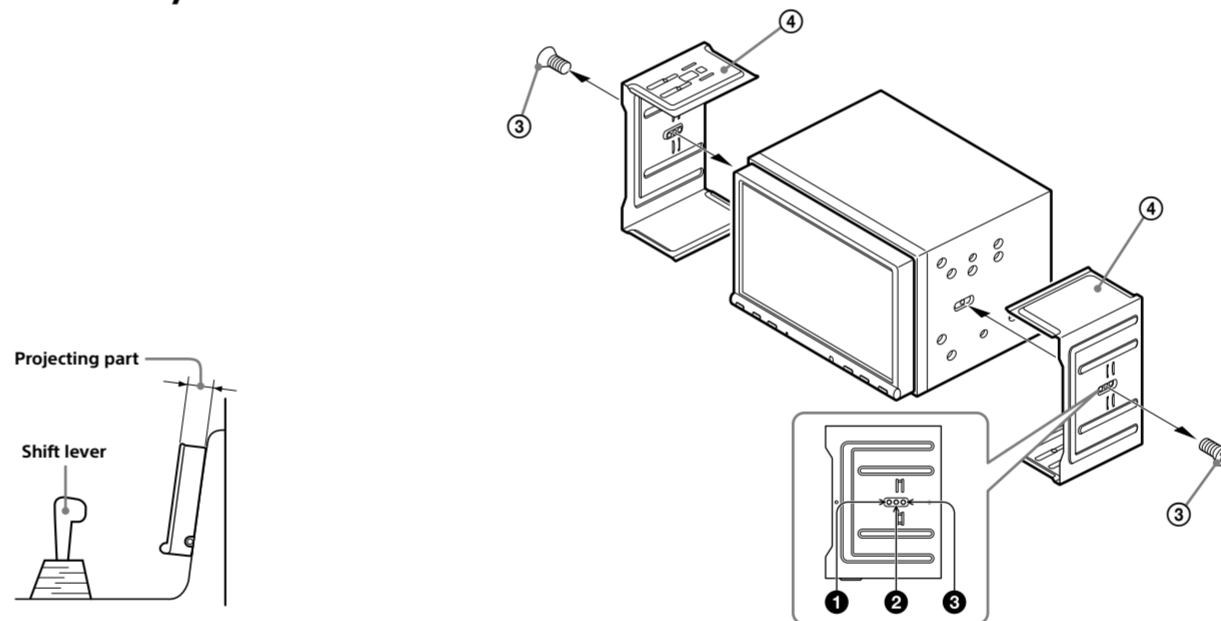
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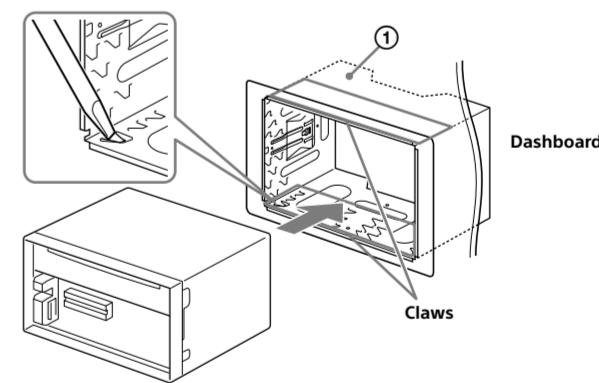
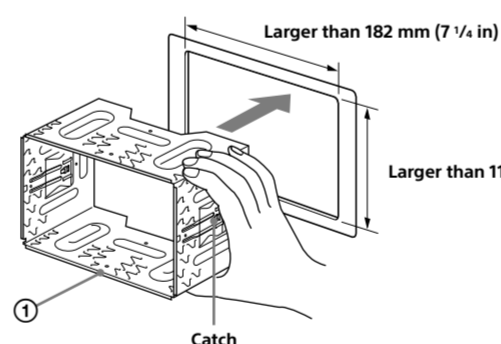


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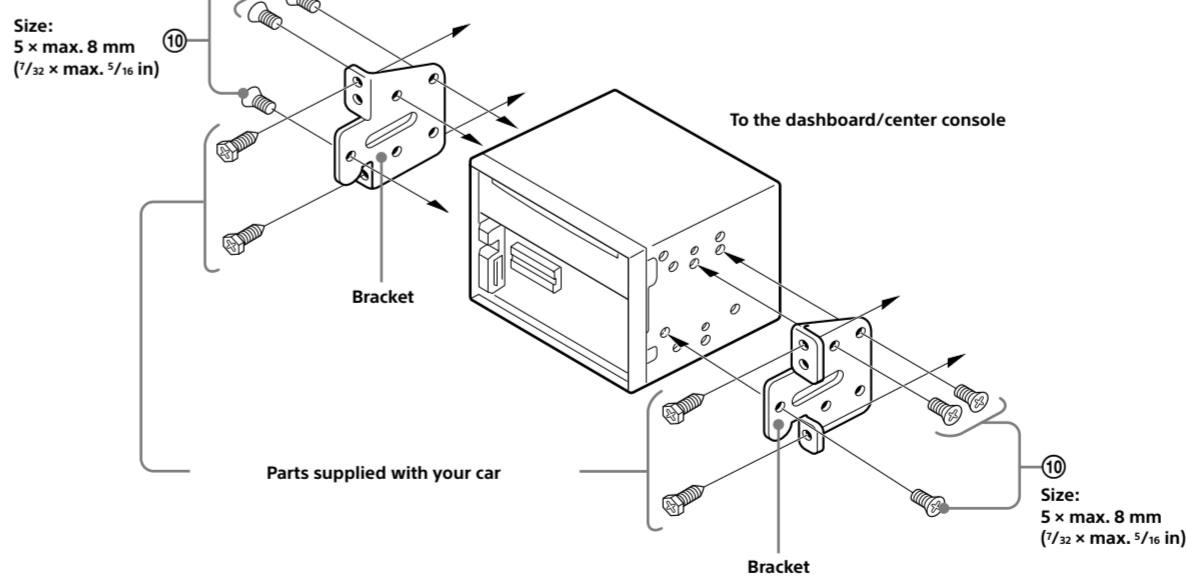
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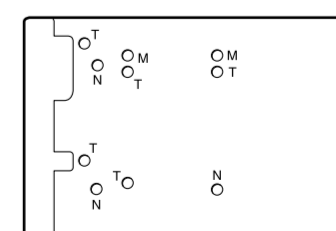
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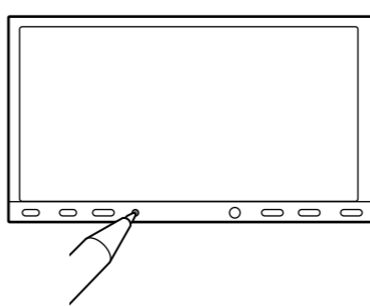


Location of screw holes
T: TOYOTA
M: MITSUBISHI
N: NISSAN

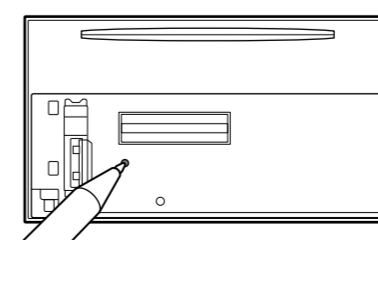


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XAV-742/712BT



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