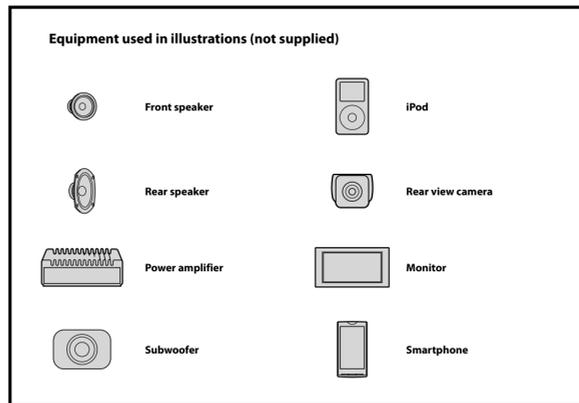
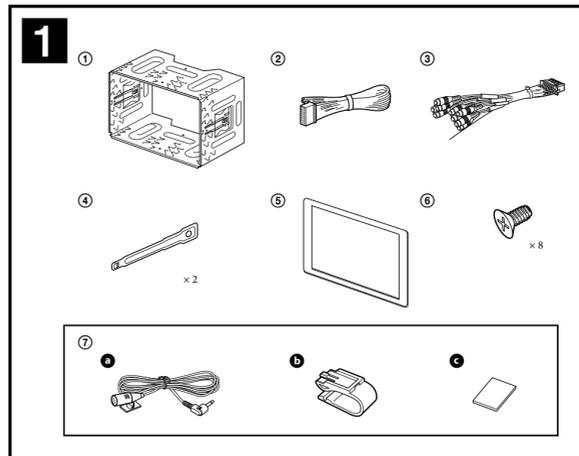


AV Center

Installation/Connections

XAV-601BT

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Cautions

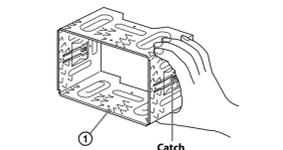
- Run all ground (earth) leads to a common ground (earth) point.
- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not disassemble or modify the unit.
- Do not install in locations which interfere with airbag operation.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat railing).
- 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.

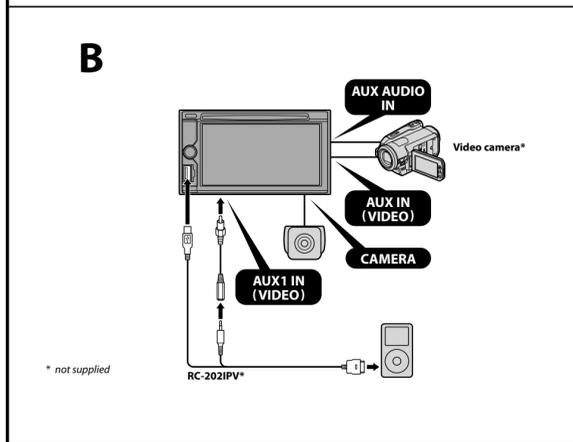
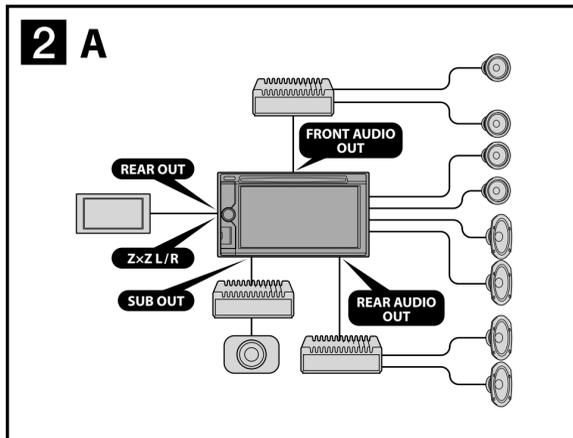
Parts list 1

- The numbers in the list correspond to those in the instructions.
- The bracket (2) is attached to the unit before shipping. Before mounting the unit, use the release keys (4) to remove the bracket (2) from the unit. For details, see "Removing the bracket (2)" on the reverse side of the sheet.
- Keep the release keys (4) for future use as they are also necessary if you remove the unit from your car.
- Assemble the parts of the microphone (7) before use. For details, see "Installing the microphone (5)" on the reverse side.

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



Note
Before installing, make sure that the catches on both sides of the bracket (1) are bent inwards 3.5 mm (1/8 in). If the catches are straight or bent outwards, the unit will not be installed securely and may spring out.



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 "Output connection failure" 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).

Connection example 2

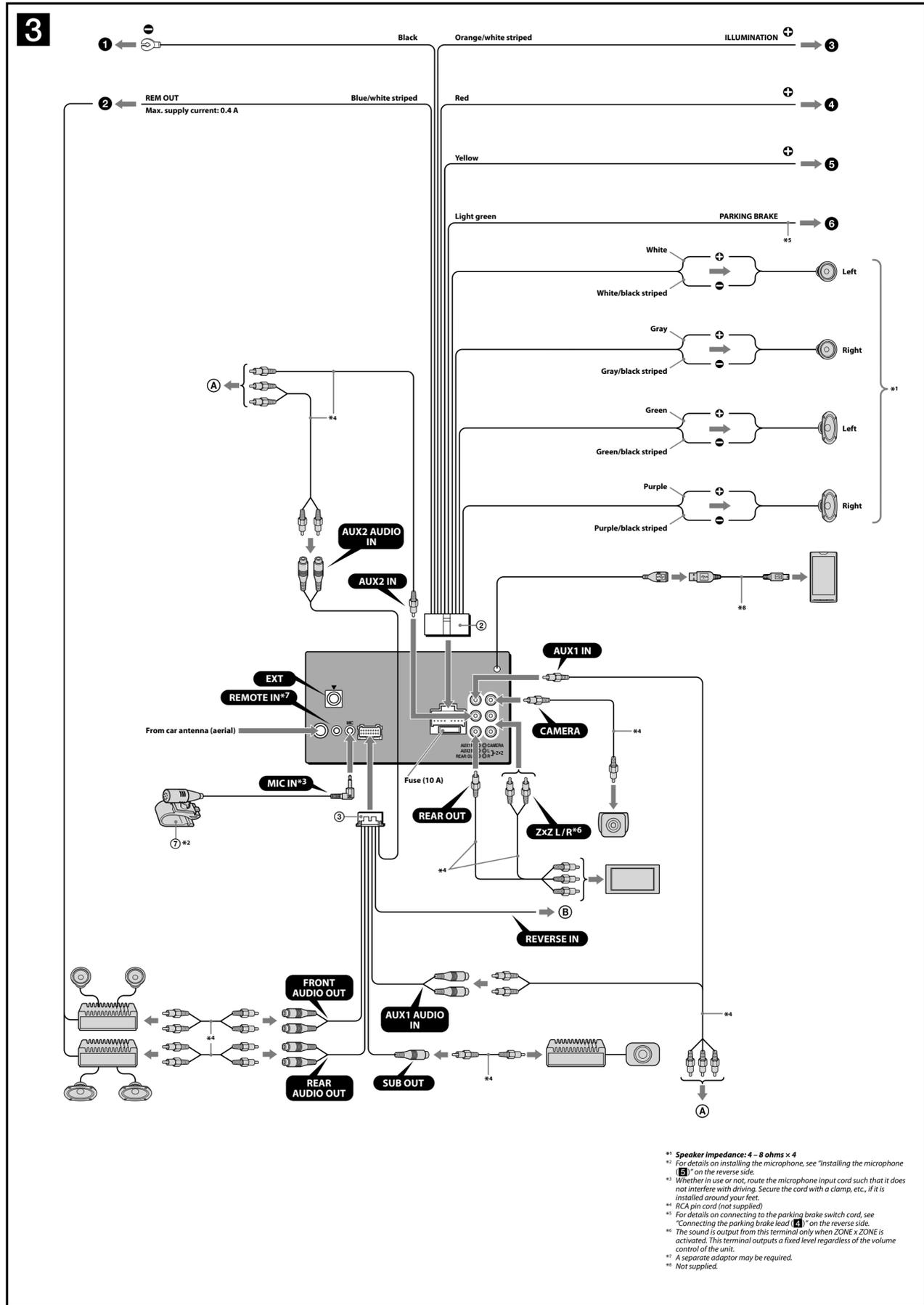
- Notes (2-A)**
- Be sure to connect the ground (earth) lead before connecting the amplifier.
 - The alarm will only sound if the built-in amplifier is used.
- Notes (2-B)**
- You cannot use multiple auxiliary devices simultaneously, even if they are connected to different terminals.
 - To connect an iPod via RC-2021PV*, make sure to connect the video output plug to AUX1 IN.

Connection diagram 3

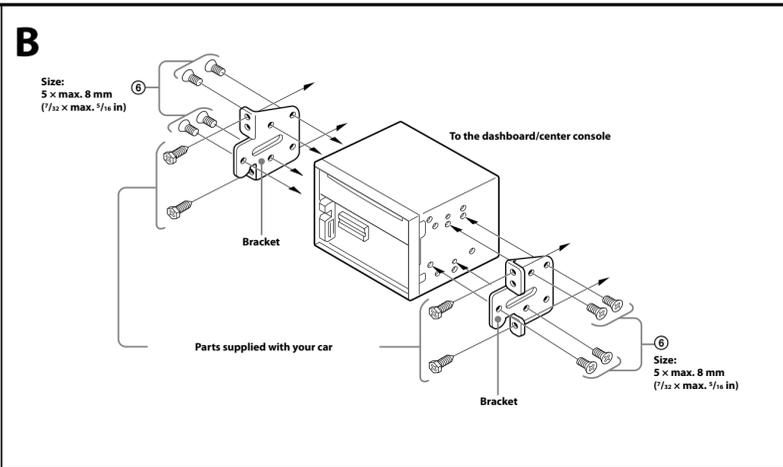
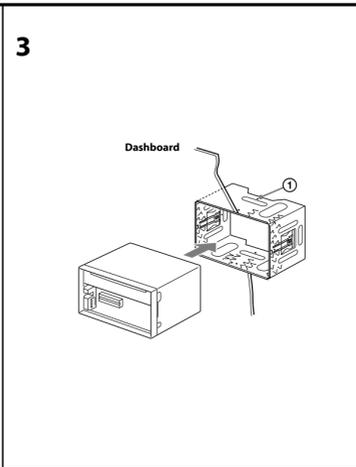
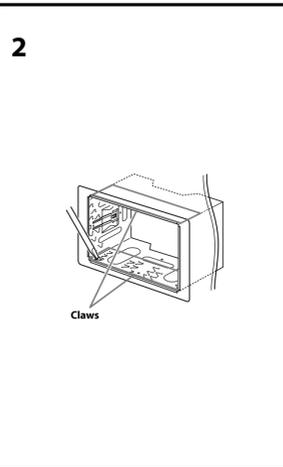
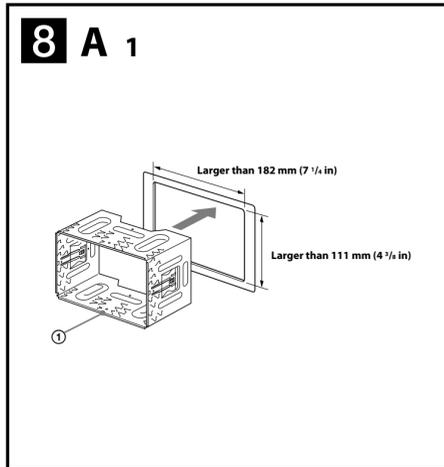
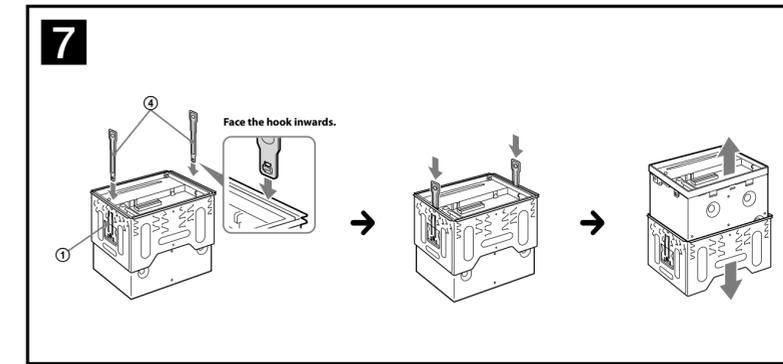
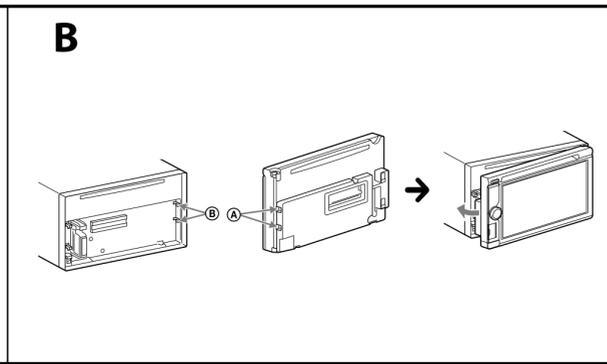
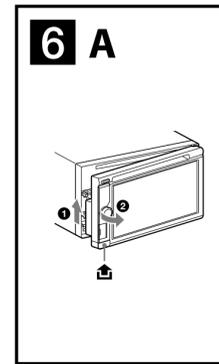
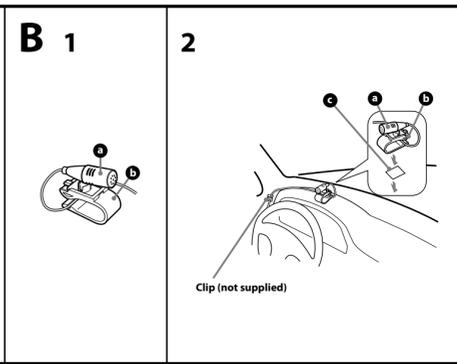
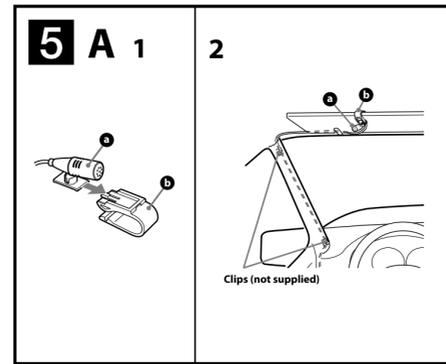
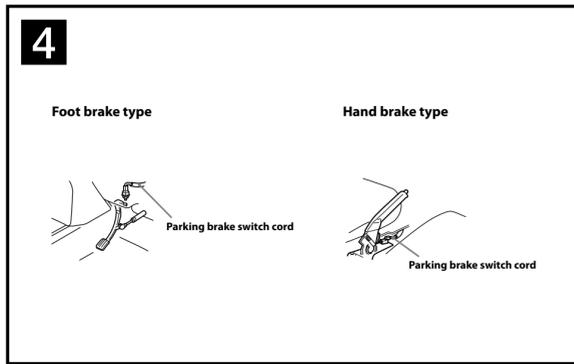
- To a common ground (earth) point**
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.
- To the power antenna (aerial) control lead or the power supply lead of the antenna (aerial) booster**
Notes
 - It is not necessary to connect this lead if there is no 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**
- To an auxiliary device such as a portable media player, game console, etc. (not supplied)**
Tip
You can use an RCA cord (not supplied) to connect auxiliary devices.

- Notes on the control and power supply leads**
- REM OUT lead (blue/white striped) supplies +12 V DC when you turn on the tuner.
 - 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.



*1 Speaker impedance: 4 - 8 ohms x 4
 *2 For details on installing the microphone, see "Installing the microphone (5)" on the reverse side.
 *3 Whether in use or not, route the microphone input cord such that it does not interfere with driving. Secure the cord with a clamp, etc., if it is installed around your feet.
 *4 RCA pin cord (not supplied)
 *5 For details on connecting to the parking brake switch cord, see "Connecting the parking brake lead (1)" on the reverse side.
 *6 The sound is output from this terminal only when ZONE x ZONE is activated. This terminal outputs a fixed level regardless of the volume control of the unit.
 *7 A separate adaptor may be required.
 *8 Not supplied.



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 attach/detach the front panel smoothly and especially to drive safely, a certain distance between the front panel and the shift lever is necessary. 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.

Mounting angle adjustment

Adjust the mounting angle to less than 45°.

Connecting the parking brake lead

Be sure to connect the parking brake lead (light green) of the power supply connection cable ② to the parking brake switch cord. The mounting position of the parking brake switch cord depends on your car. Consult your car dealer or your nearest Sony dealer for further details.

Installing the microphone

To capture your voice during handsfree calling, you need to install the microphone ①.

- 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.

5-A Installing on the sun visor

- Install the microphone ① on the clip ②.
- Install the clip ② on the sun visor.
- Install clips (not supplied) and adjust the length and position of the cord so that it does not obstruct your driving.

5-B Installing on the dashboard

- Install the microphone ① on the clip ②, then place the cord along the groove of the clip ③.
- Attach the clip ② to the dashboard with the double-sided tape ④.
- Install a clip (not supplied) and adjust the length and position of the cord so that it does not obstruct your driving.

- Notes**
- Before attaching the double-sided tape ④, clean the surface of the dashboard with a dry cloth.
 - Adjust the microphone angle to the proper position.
 - The microphone ① can be installed without using the clip ②. In this case, directly attach the microphone to the dashboard with the double-sided tape ④. Keep the unused clip ② for future use.

How to detach and attach the front panel

Before installing the unit, detach the front panel.

6-A To detach

Before detaching the front panel, be sure to press and hold (SOURCE/OFF). Press ①, 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 ②, the front panel comes out easily.

6-B To attach

Place the recesses ④ of the front panel onto the pegs ⑤ on the unit, then lightly push the left side in.

Removing the bracket

Before installing the unit, remove the bracket ① from the unit.

- Insert both release keys ② together between the unit and the bracket ① until they click.
- Pull down the bracket ①, then pull up the unit to separate them.

Mounting the unit

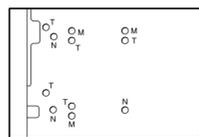
8-A Mounting the unit with the supplied bracket

- Position the supplied bracket ① inside the dashboard.
- Bend the claws outward for a tight fit.
- Mount the unit onto the supplied bracket ①.

8-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 ⑥ 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 ⑥.
 - 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 you do not set the Auto Off function, press and hold (SOURCE/OFF) until the display disappears each time you turn the ignition off.

Reset button

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.

