

Installation Instructions

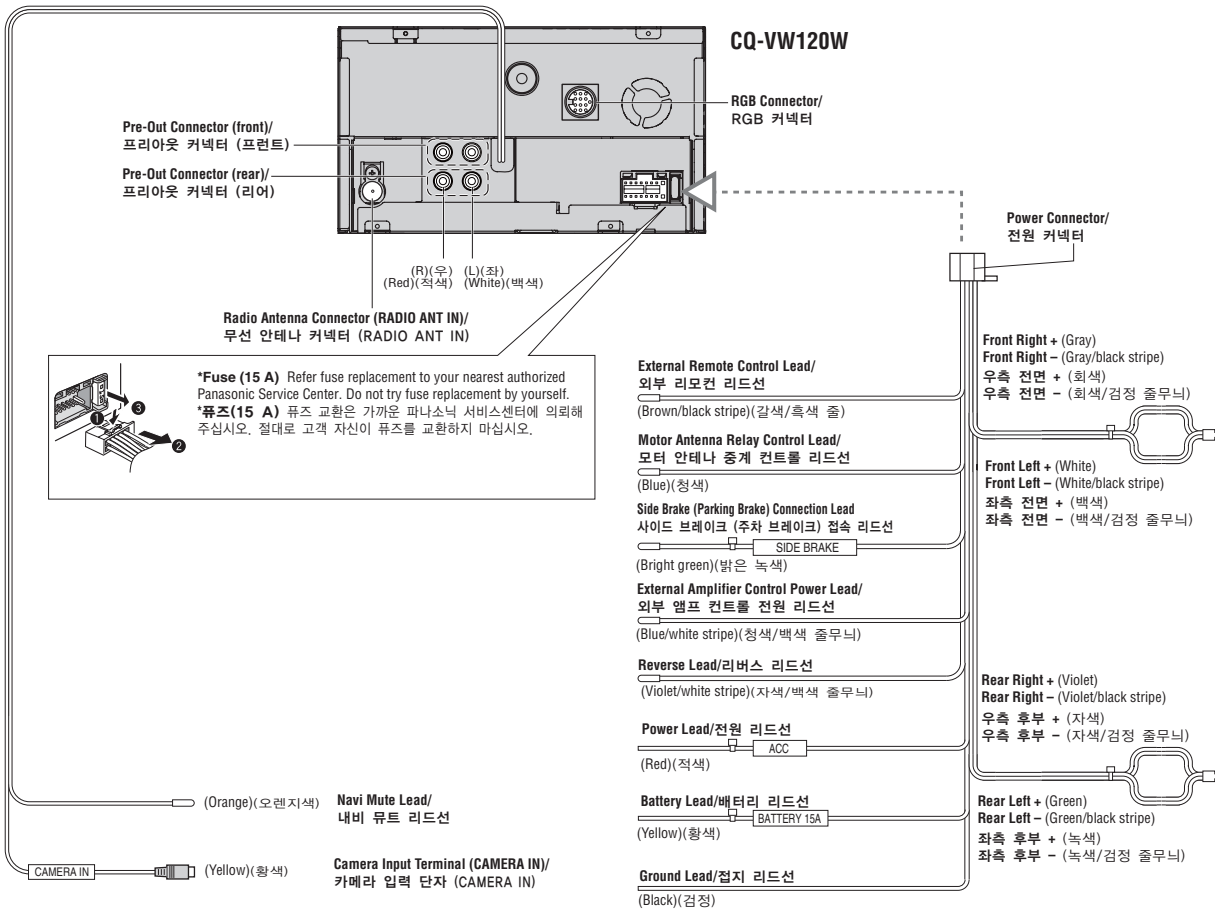
설치 설명서

Model: **CQ-VW120W**



- Please read these instructions carefully before using this product and keep this manual for future reference.
- 본 제품의 바른 사용을 위해, 이 사용설명서를 잘 읽어 주십시오.
잘 보관하시어 필요하실 때마다 읽어주시기 바랍니다.

Electrical Connections / 전기 접속



Safety Information

English

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CAUTION:

- **PLEASE FOLLOW THE LAWS AND REGULATIONS OF YOUR STATE, PROVINCE OR COUNTRY FOR INSTALLATION OF THE UNIT.**
- **TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK OR PRODUCT DAMAGE, DO NOT EXPOSE THIS APPLIANCE TO RAIN, SPLASHING, DRIPPING OR MOISTURE.**

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Installation

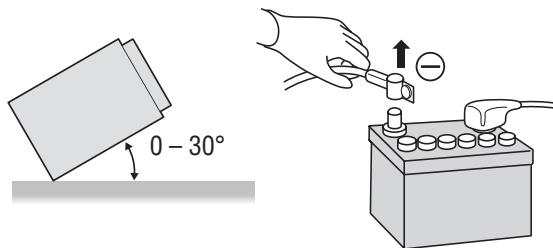
Preparation

3

⚠ Caution

- Please follow the laws and regulations of your province or country for installation of the unit.
- When bending the mounting tab of the mounting collar with a screwdriver, be careful not to injure your hands and fingers.
- We strongly recommend you to wear gloves for installation work to protect yourself from injuries.

- Before installation, check the radio operation with antenna and speakers.
- Disconnect the cable from the negative (-) battery terminal (see caution below).
- The unit should be installed in a horizontal position with the front end up at a convenient angle, but not more than 30°.



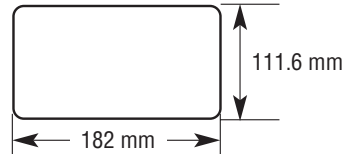
⚠ Caution

- Do not disconnect the battery terminals of a car with trip or navigational computer since all user settings stored in memory will be lost. Instead take extra care with installing the unit to prevent shorts.

Dashboard Installation

Installation Opening

The unit can be installed in any dashboard having an opening as shown below. The dashboard should be 4.5 mm – 6 mm thick in order to be able to support the unit.









Installation Precautions

This product should be installed by a professional installer, if possible.



In case of difficulty, please consult your nearest authorized Panasonic Service Centre.

1. This system is to be used only in a 12 V DC battery system (car) with negative ground.
2. Follow the electrical connections carefully (→ page 8-12). Failure to do so may result in damage to the unit.
3. Connect the power lead after all other connections are made.
4. Be sure to connect the battery lead (yellow) to the positive terminal (+) of the battery or fuse block (BAT) terminal.
5. Insulate all exposed wires to prevent short circuiting.
6. Secure all loose wires after installing the unit.
7. Please carefully read the operating and installation instructions of the respective equipment before connecting it to this unit.

❑ Installation Hardware (For Installation)

No.	Item	Diagram	Qty.
①	Trim Plate		1
<YFC054C091ZA>			
②	Mounting Collar		1
<YFX214C437ZA>			
③	Lock Cancel Plate		2
<YFX994C134ZA>			
④	Mounting Bolt (5 mmø)		1
<YEJV014C002N>			
⑤	Round Head Screw (5 mmø x 8 mm)		2
⑥	Flat-Head Screw (5 mmø x 8 mm)		6
<ZZBISVD6505>			

❑ Installation Hardware (For Wiring)

No.	Item	Diagram	Qty.
⑦	Power Connector		1
<YAJ024C130CA>			
⑧	Conversion Cable for AV IN		1
<YEAERA33000K>			

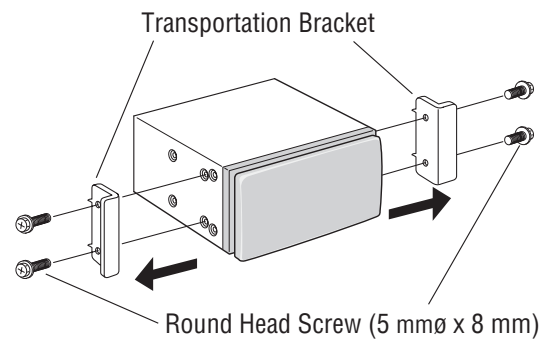
Note:

- The number in parenthesis underneath each accessory part name is the part number for maintenance and service.
- Accessories and their parts numbers are subject to modification without prior notice due to improvements.
- Mounting Collar ② is mounted on the main unit at shipment.
- Use the supplied screws for installation exclusively. In case of losing any of them, please order the specific screw.

❑ Transportation Bracket Removal

Be sure to remove the transportation brackets before use (installation). **Use round head screws (5 mmø x 8 mm) for installation.** (→ page 7)

Be careful not to lose these screws.



❑ Before Installation

⚠ Caution

- Do not press the panel forcefully.
- Do not scratch the panel with fingernails or any hard objects.
- Do not bump the front panel.
 - ➔ Failure to observe the above may damage or break the glass on the surface of the touch panel.

Installation (continued)

Mounting and removing the Main Unit

□ Mounting Procedures (A) (When using Mounting Collar ②)

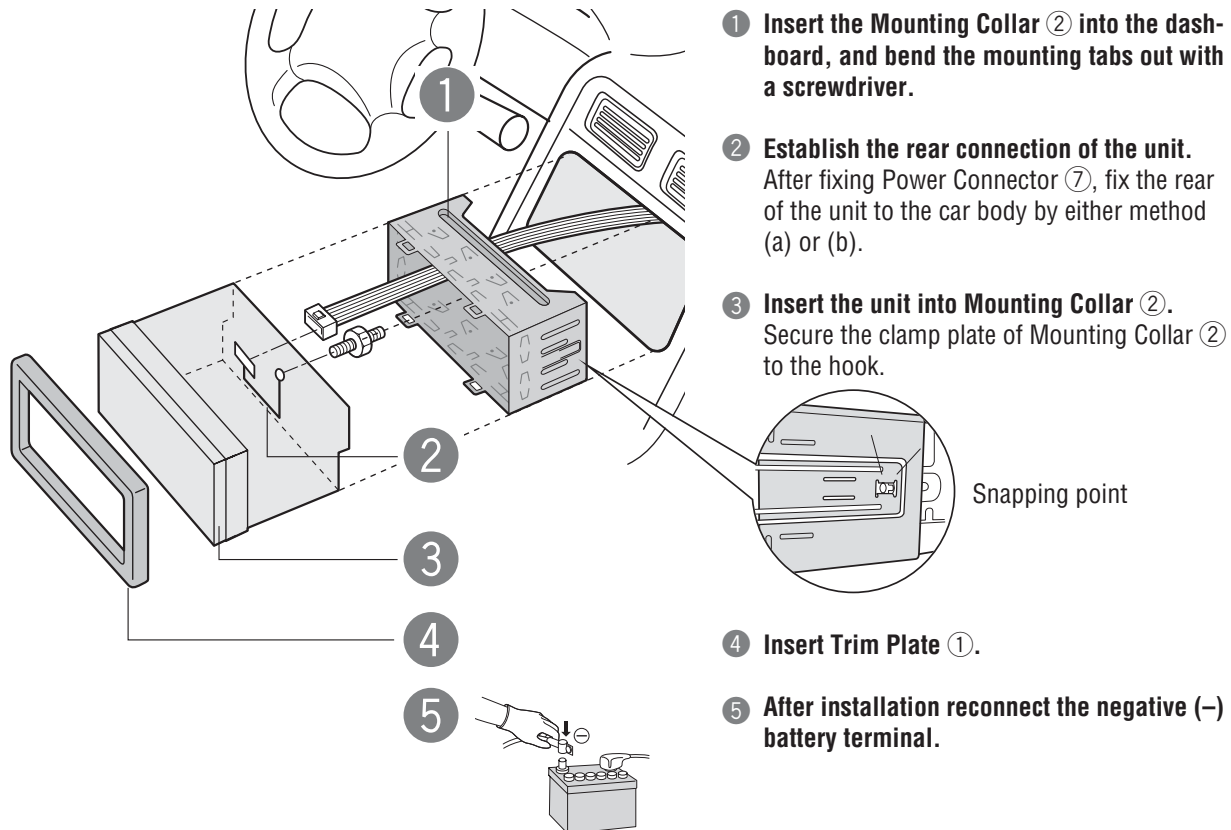
5

Note:

- The car model, installation conditions and combination of the units used may impose some restrictions on opening and closing the monitor as well as on the angle and position to which the monitor can be adjusted.

IMPORTANT

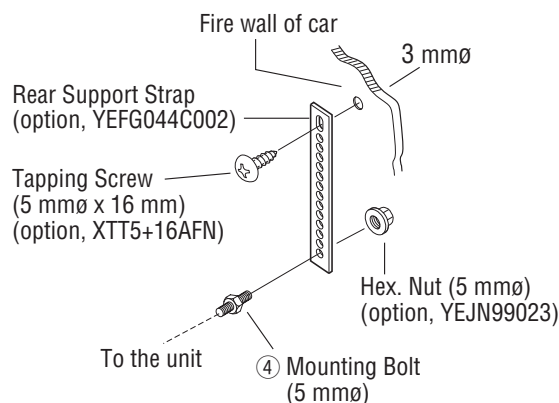
When this unit is installed in dashboard, ensure that there is sufficient air flow around the unit to prevent damage from overheating. Do not block any ventilation holes on the unit.



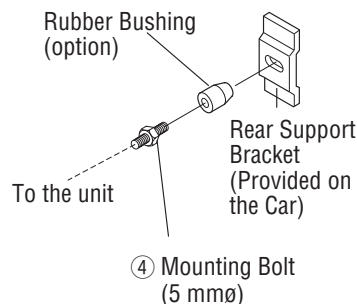
- 1 Insert the Mounting Collar ② into the dashboard, and bend the mounting tabs out with a screwdriver.
- 2 Establish the rear connection of the unit. After fixing Power Connector ⑦, fix the rear of the unit to the car body by either method (a) or (b).
- 3 Insert the unit into Mounting Collar ②. Secure the clamp plate of Mounting Collar ② to the hook.
- 4 Insert Trim Plate ①.
- 5 After installation reconnect the negative (-) battery terminal.

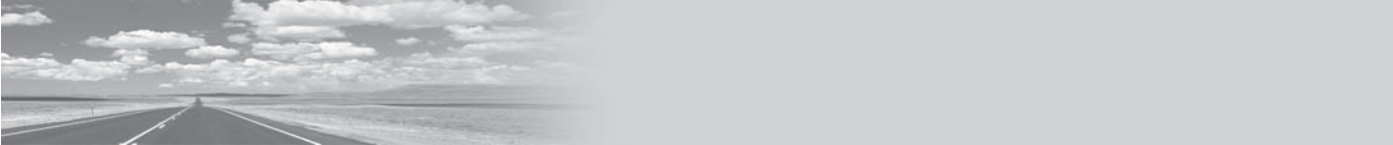
Method for Fixing the Rear of the Unit

(a) Using the Rear Support Strap (option)



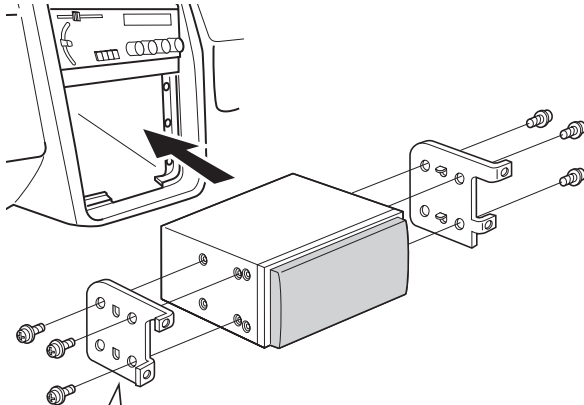
(b) Using the Rubber Cushion (option)





❑ Mounting Procedures (B) (When not using Mounting Collar ②)

Use the brackets supplied with your car when mounting this unit. The bracket shape and mounting method vary with car manufacturers, car types and manufacturing year. Please consult your nearest dealer or installer.



Note:

- Use pliers to bend the fingers on the bracket vertically.

Select mounting screws according to the hole positions and hole shape of the bracket.



- ⑤ Round Head Screw
(5 mmø x 8 mm)

Note:

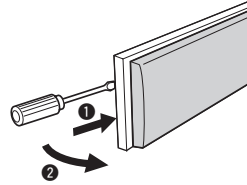
- Reuse the two round head screws removed from the transportation brackets. (→ page 5)



- ⑥ Flat-Head Screw
(5 mmø x 8 mm)

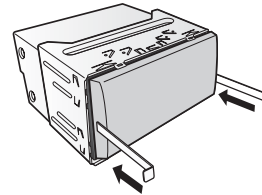
❑ Removing Procedures

- 1 Remove the trim plate ①.

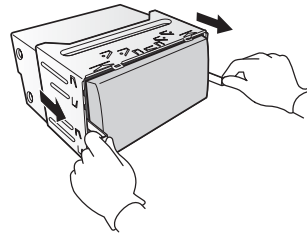


- 2 Lock release.

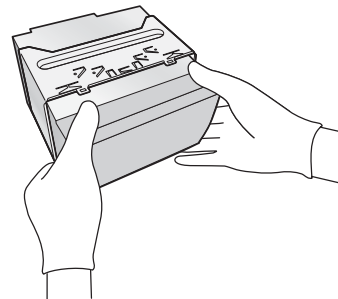
- 1 Insert the lock cancel plate ③ until you hear a click.



- 2 Pull the unit out.



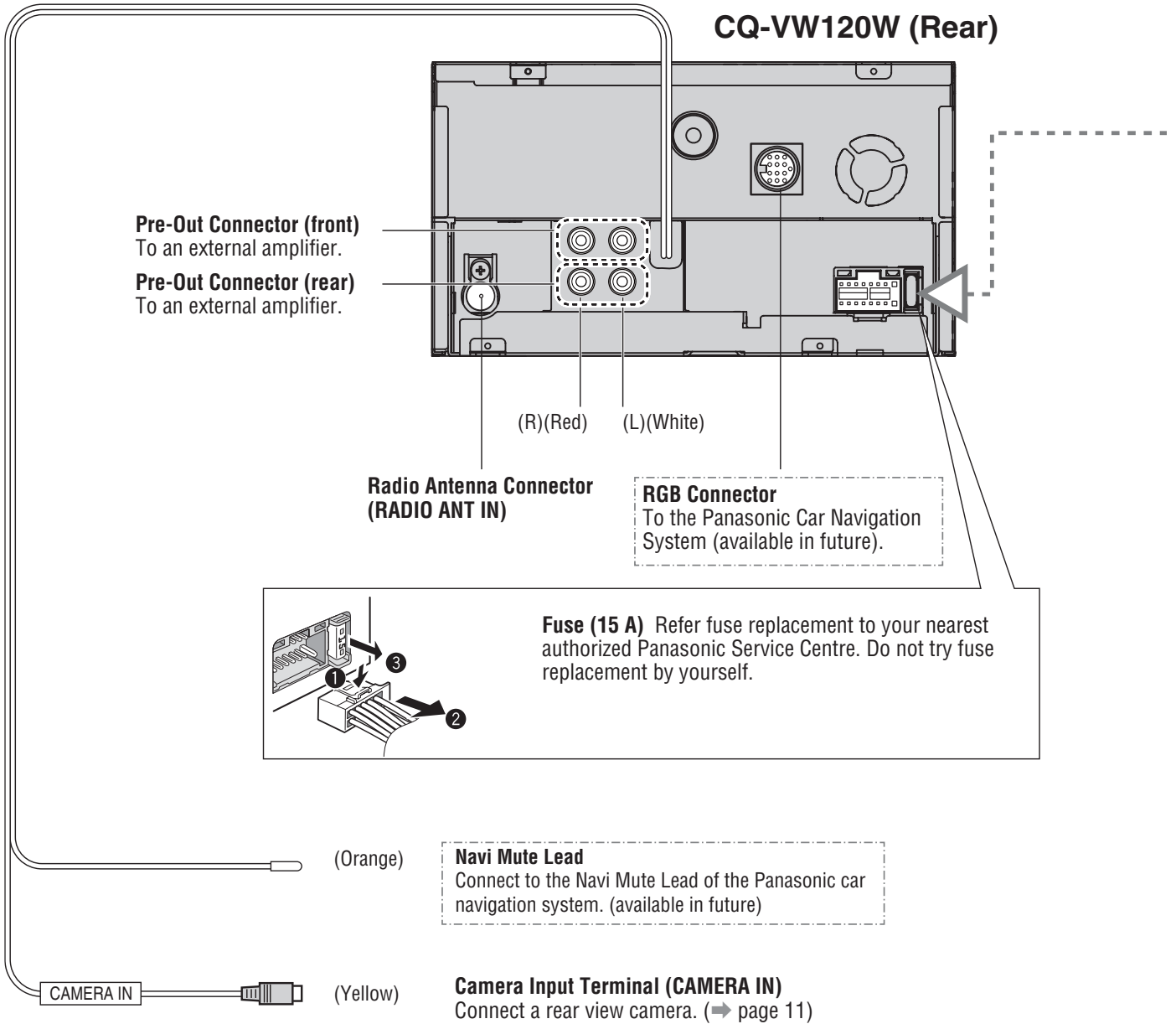
- 3 Pull the unit out with both hands.



Electrical Connections

⚠ Caution

- This unit is designed for use in a car having a 12 V negative ground battery system.
- Be sure to insulate any exposed wires from the car chassis. Bundle all cables and keep cable terminals free from any metal parts.
- Note that if your car has a driving computer or a navigation computer, disconnecting the cable from the battery may clear the memory.
- Run the cords avoiding the spots where the temperature can be extremely high.

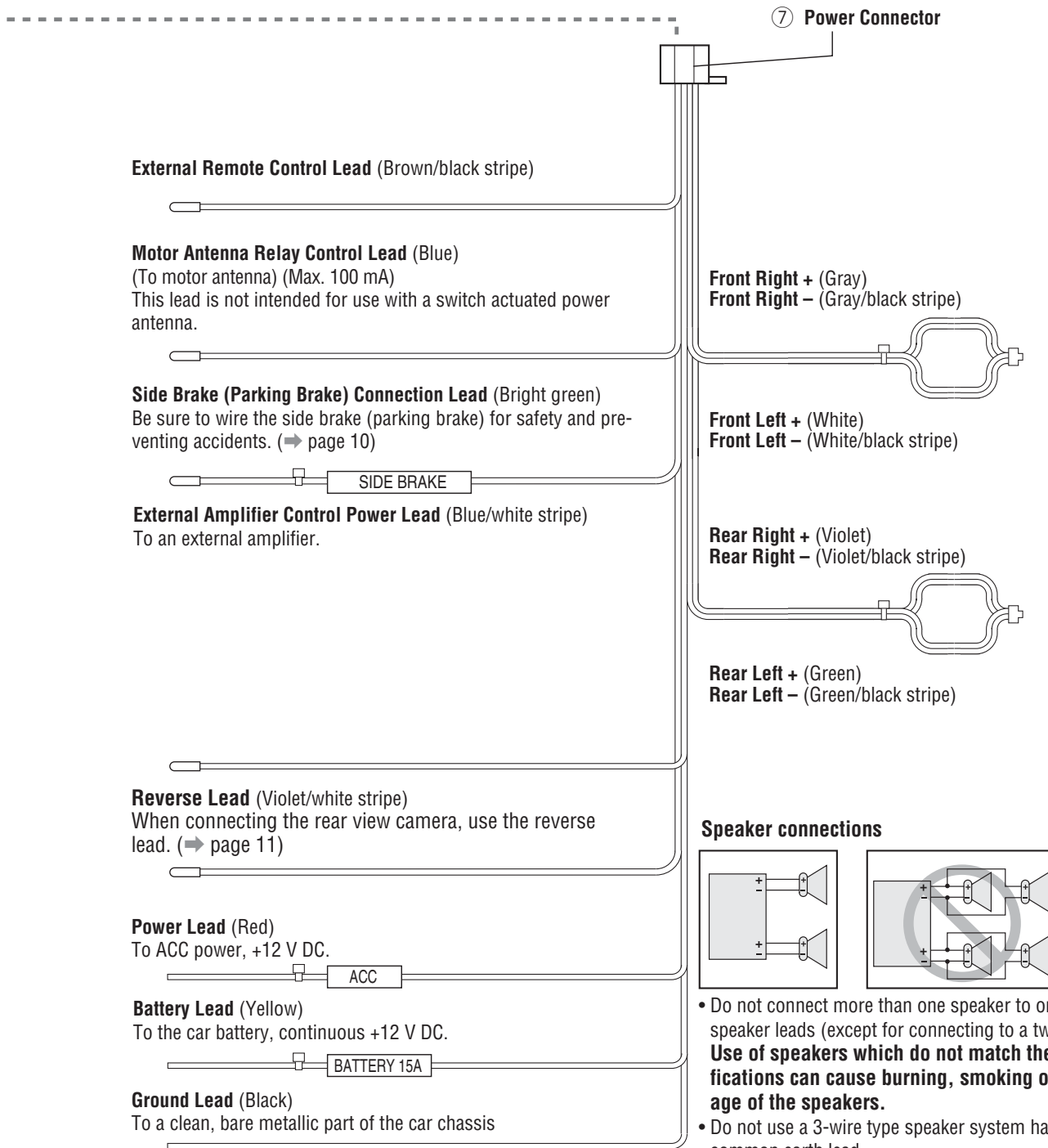




Note:

- To prevent from damage to the unit, be sure to follow the wiring diagrams below.
- Be sure to fully plug in the connectors. Secure them with clamps and tapes.
- All other installation methods require the use of dedicated metal fittings. Consult with a qualified servicing engineer or your dealer if other methods are required.

 : This book refers to connections to the Panasonic car navigation system that will come onto the market in the future. Descriptions regarding the car navigation system are boxed with a dotted line.



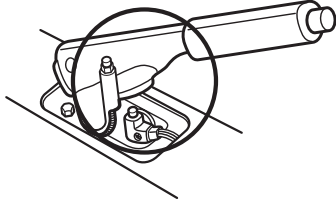
Electrical Connections (continued)

Connecting the Side Brake (Parking Brake) Connection Lead

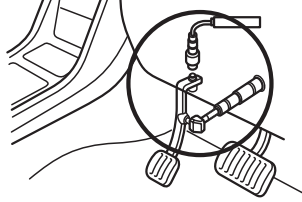
⚠ Caution

- For safety, be sure to ask your nearest professional installer to do this connection.

Hand brake

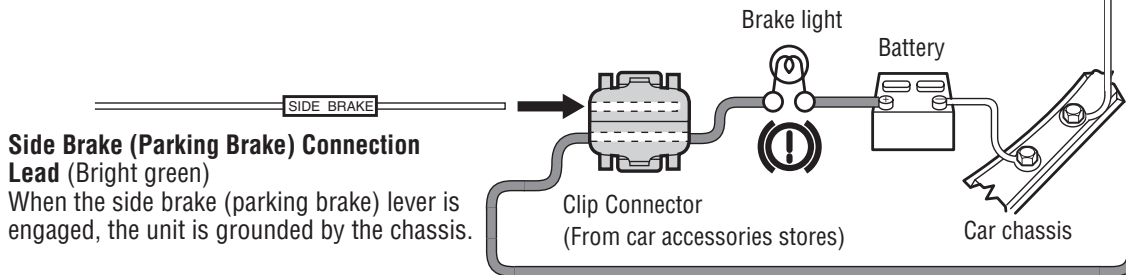


Foot brake



The side brake (parking brake) switch position varies with car model. For details on the exact location of the side brake (parking brake) switch in your car, contact your dealer.

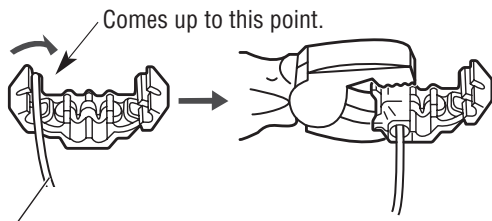
Side brake (parking brake) switch



Side Brake (Parking Brake) Connection Lead (Bright green)

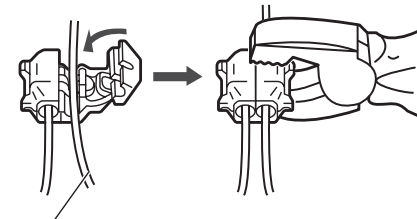
When the side brake (parking brake) lever is engaged, the unit is grounded by the chassis.

- 1 Attach a Clip Connector to the end of the side brake (parking brake) connection lead.

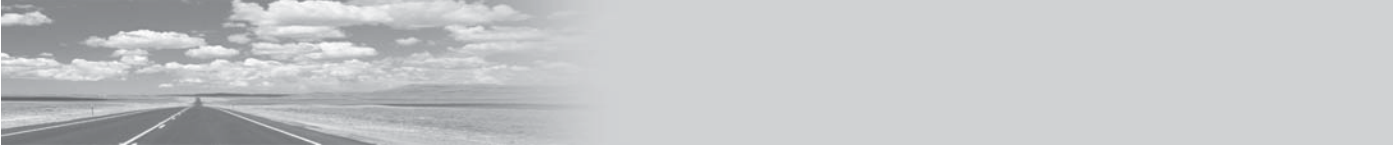


Side Brake (Parking Brake) Connection Lead (Bright green)

- 2 The Clip Connector is connected to the power source side lead of the side brake (parking brake) lever.



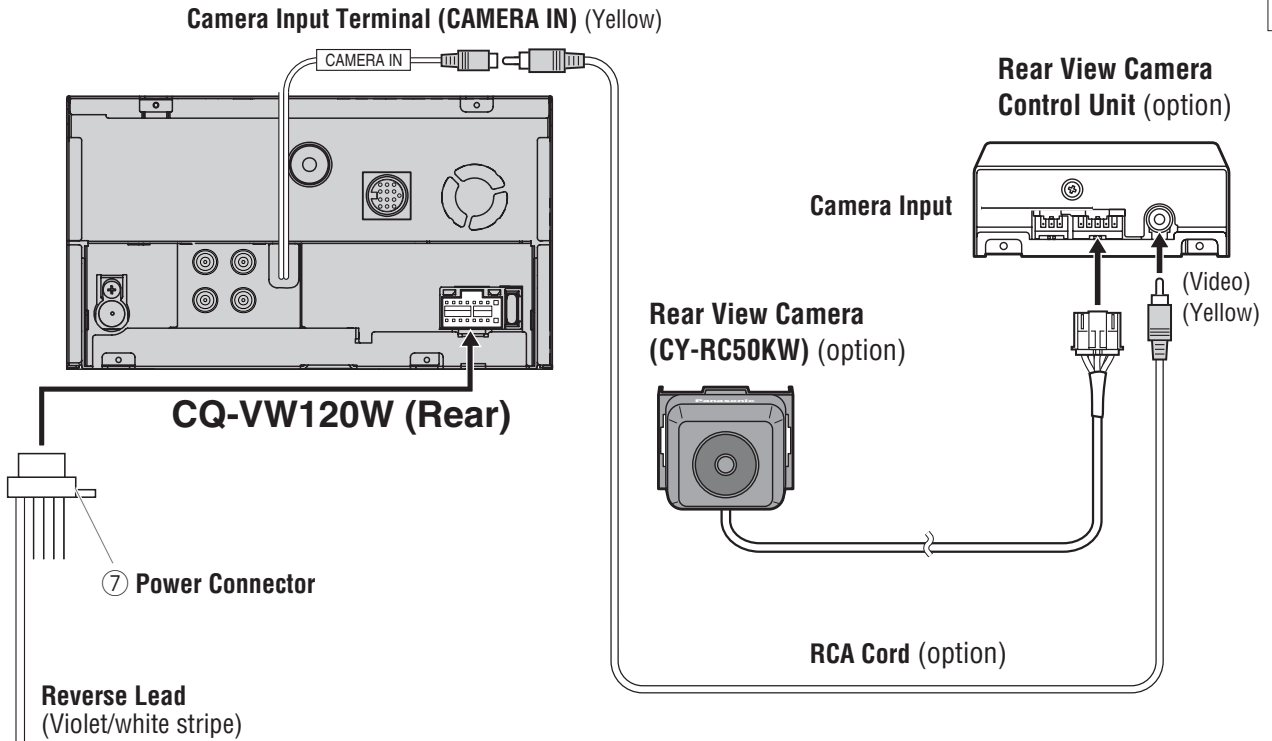
Power source side lead



Connection with Rear View Camera

Note:

- Refer to the operating instructions for the connected devices, in addition.



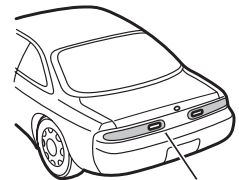
Connecting the Reverse Lead

If using an optional rear view camera, the reverse lead must be connected.

Connect the reverse lead (violet/white stripe) to the positive (+) lead of the reverse lamp (the lamp with a clear lens that lights when the transmission gear is shifted into the reverse position).

Note:

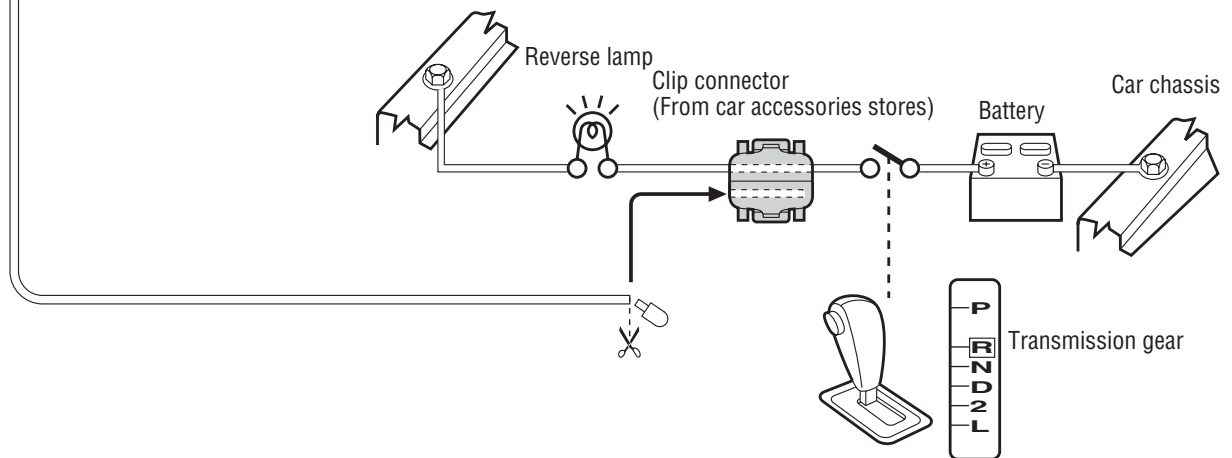
- Connect the reverse lead after cutting the terminal at the end.
- Use a Reverse Extension Cord (option) if needed.



Check the reverse lamp.



Take it out of the back of the tail lamp mount.



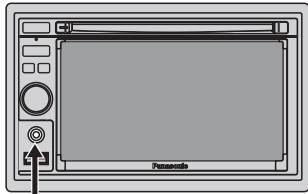
Electrical Connections (continued)

Connection with VCR or Camcorder (AV IN)

Note:

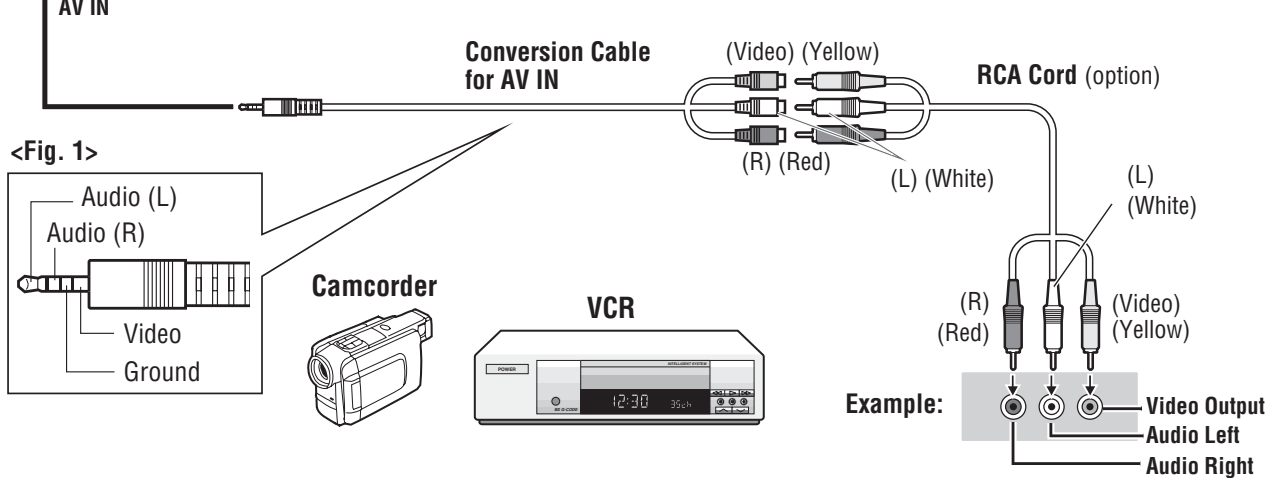
- Refer to the operating instructions for the connected devices, in addition.
- Please observe what shapes the connectors of the connecting devices are and where each of them is connected to in order to establish a proper connection.

CQ-VW120W (Front)



Note:

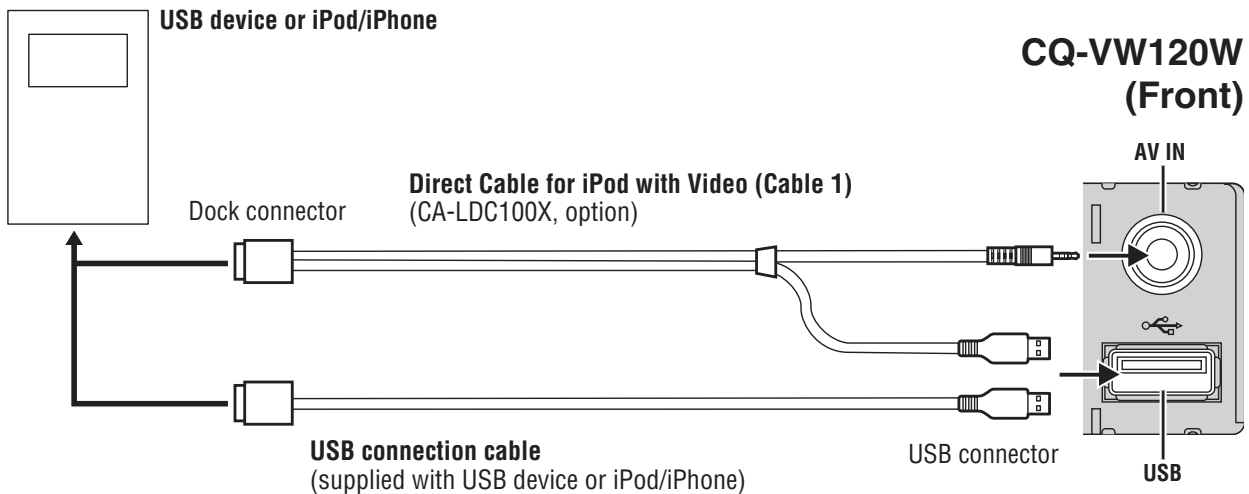
- Be sure to use the Conversion Cable for AV IN that is supplied with this product when an external device is connected to the AV IN terminal. Failure to observe this results in an audio or video output error.
- Only the pin jack of the supplied Conversion Cable for AV IN or a pin jack that has the same electrode arrangement can be connected to the AV IN terminal. (See Fig. 1.)
- Use of the supplied Conversion Cable for AV IN or an audio pin jack that has the same electrode arrangement also allows users to enjoy only music. In this case, the screen background becomes black.

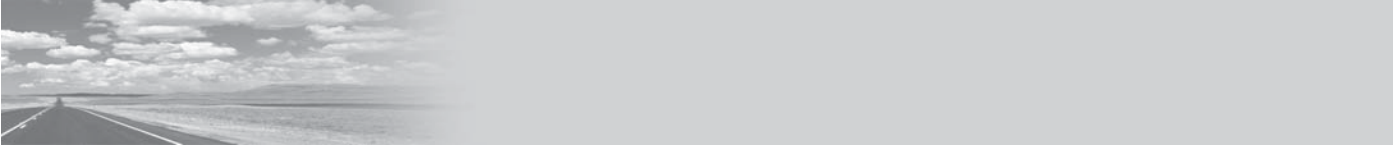


Connection with USB Device or iPod

Note:

- Refer to the operating instructions for the connected devices, in addition.
- Please observe what shapes the connectors of the connecting devices are and where each of them is connected to in order to establish a proper connection.
- For video browsing of the iPod/iPhone, please use the optional Direct Cable for iPod with Video (CA-LDC100X) for connection with AV1 IN connector of this unit.





Memorandum



A series of horizontal dotted lines for writing.

Panasonic[®]

Installation Instructions

Panasonic Corporation

Web Site : <http://panasonic.net>

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