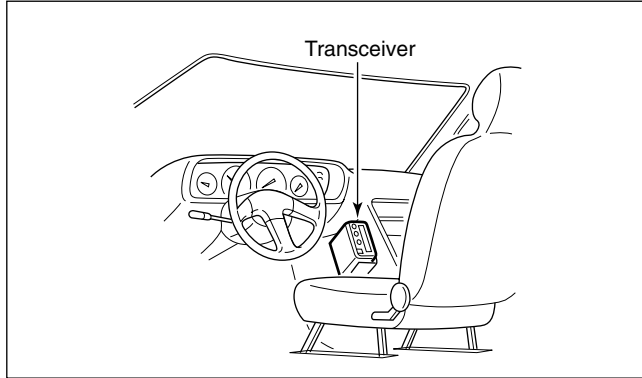


QUICK REFERENCE GUIDE

■ Installation

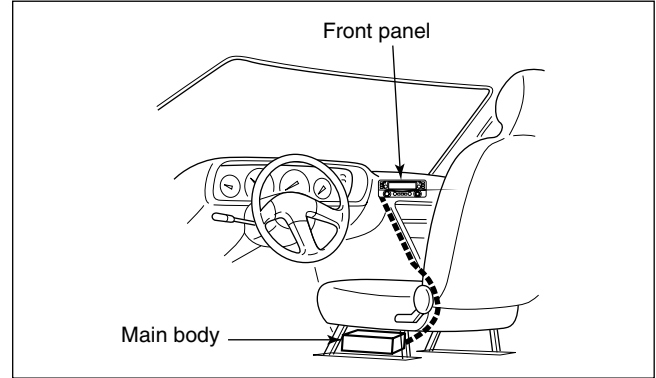
◇ Installation methods

• *Single body installation*



- Optional MB-85 COMBINATION BRACKET is necessary to mount the controller to the main unit. (20 cm; 7⁷/₈" separation cable is supplied with the bracket.)
- The supplied mounting bracket (or optional MB-17A) can be used for the main unit installation.

• *Remote installation*



- The supplied MB-84 REMOTE CONTROLLER BRACKET and OPC-1155 SEPARATION CABLE can be used for installation.
- Optional OPC-1156 SEPARATION CABLE (3.5 m; 11.5 ft) is available for extend the separation cable.
- Optional MB-65 MOUNTING BASE is available for increasing front panel mounting possibilities.
- Optional OPC-440 MICROPHONE CABLE (5.0 m; 16.4 ft) and OPC-647 (2.5 m; 8.2 ft) are available to extend the microphone cable.
- Optional OPC-441 SPEAKER CABLE (5.0 m; 16.4 ft) is available to extend the speaker cable.

◇ **Location**

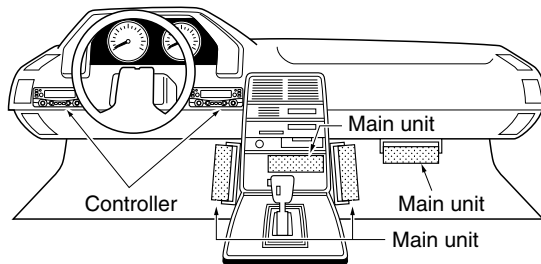
Select a location which can support the weight of the transceiver and does not interfere with driving. We recommend the locations shown in the diagram below.

NEVER place the transceiver or remote controller where normal operation of the vehicle may be hindered or where it could cause bodily injury.

NEVER place the transceiver or remote controller where air bag deployment may be obstructed.

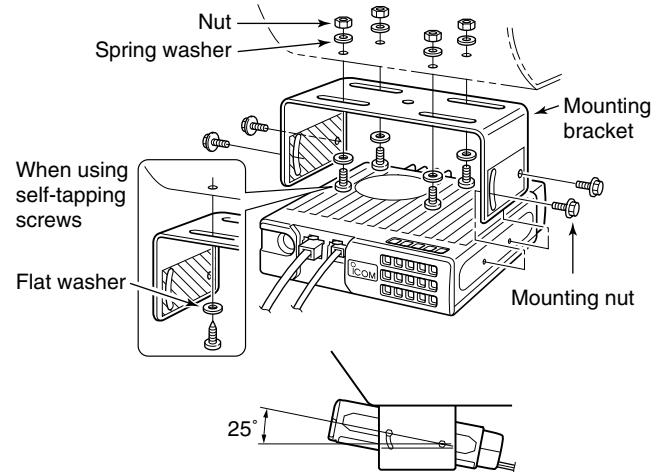
DO NOT place the transceiver or remote controller where hot or cold air blows directly onto it.

AVOID placing the transceiver or remote controller in direct sunlight.



◇ **Using the mounting bracket**

- ① Drill 4 holes where the mounting bracket is to be installed.
 - Approx. 5.5–6 mm (1/4") when using nuts; approx. 2–3 mm (1/8") when using self-tapping screws.
- ② Insert the supplied screws, nuts and washers through the mounting bracket and tighten.
- ③ Adjust the angle for your suitable position.



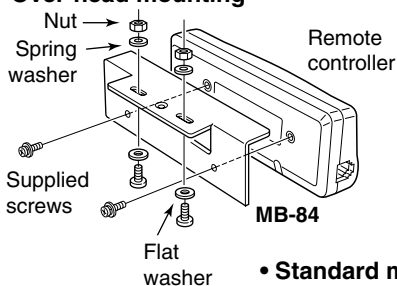
QUICK REFERENCE GUIDE

◆ MB-84 installation

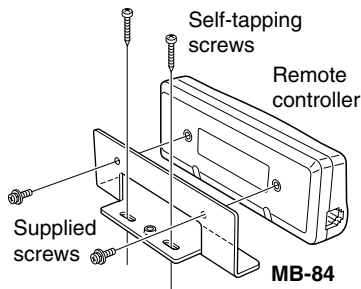
The supplied MB-84 REMOTE CONTROLLER BRACKET is used for separate installation.

- ① Drill 2 holes where the bracket is to be installed.
 - Approx. 4 mm (1/8") when using nuts; approx. 1–2 mm (1/16") when using self-tapping screws.

• Over-head mounting

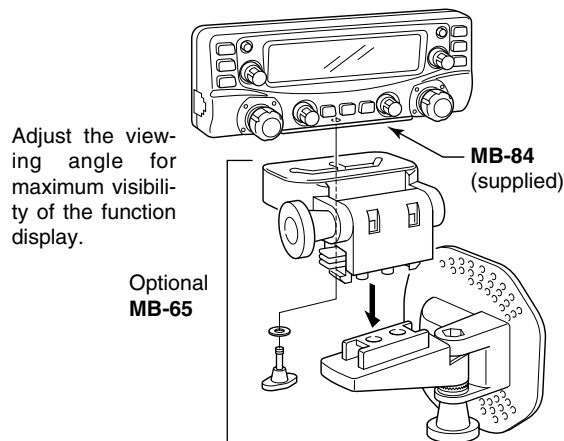


• Standard mounting



- ② Attach the remote controller to the MB-84 and tighten the controller using with the supplied screws.
- ③ Tighten the controller with bracket.

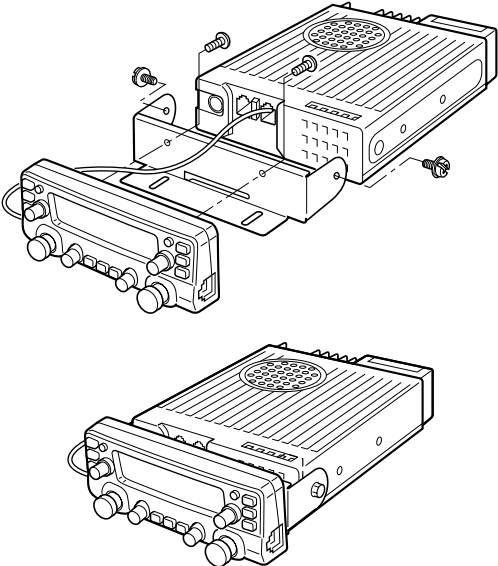
• Using the optional MB-65



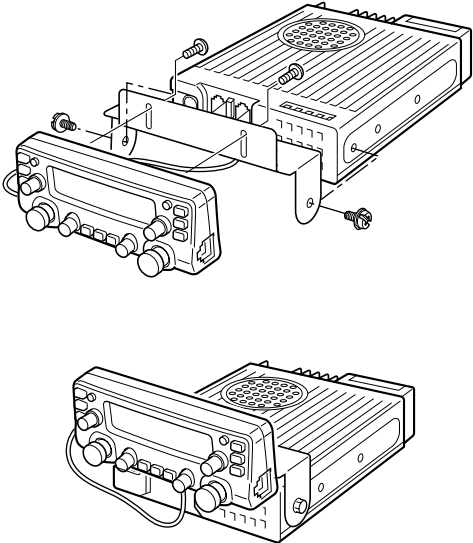
◇ **Optional MB-85 installation**

When using the optional MB-85 (COMBINATION BRACKET), you can install the control head of the IC-2720H in one of 2 methods. A 20 cm (7⁷/₈") remote control cable is supplied for connection, and connect the cable before attaching the bracket to the main unit is recommended.

• **Example 1**



• **Example 2**

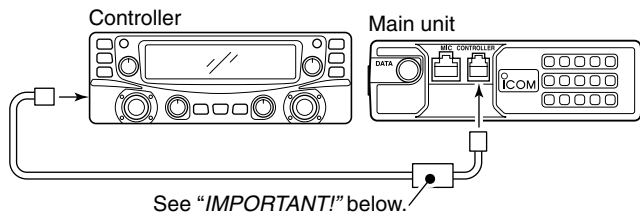


QUICK REFERENCE GUIDE

◇ Separation cable connection

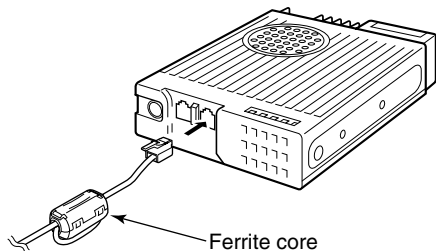
A separation cable (3.5 m; 11.5 ft) is supplied with the IC-2720H.

Connect the controller and the main unit using with the separation cable as follows.



IMPORTANT!— For the USA version

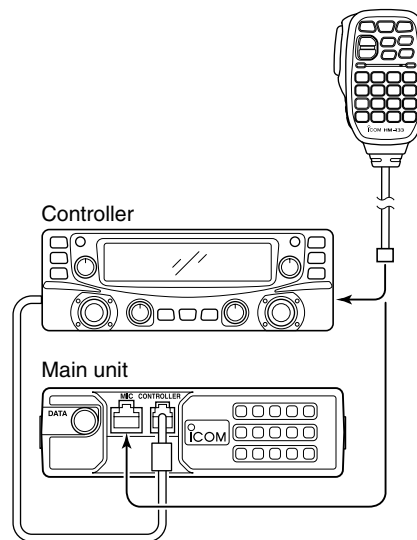
A ferrite core is supplied within the separation cable. Connect the cable connector with the ferrite core into the main unit [CONTROLLER] socket as below.



◇ Microphone connection

Two microphone connectors are available for the IC-2720H— one is on the controller side panel, and another is on the main unit front panel.

Connect the supplied microphone to either the desired connector as illustrated below.

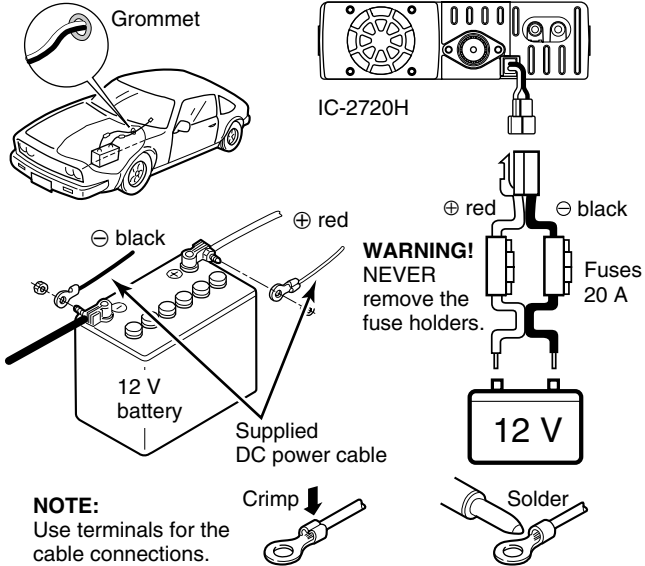


◇ Battery connection

- ⚠ **WARNING NEVER** remove the fuse holders from the DC power cable.
- ⚠ **NEVER** connect the transceiver directly to a 24 V battery.
- ⚠ **DO NOT** use the cigarette lighter socket for power connections. (See p. 6 for details)

Attach a rubber grommet when passing the DC power cable through a metal plate to prevent a short circuit.

• CONNECTING TO A DC POWER SOURCE

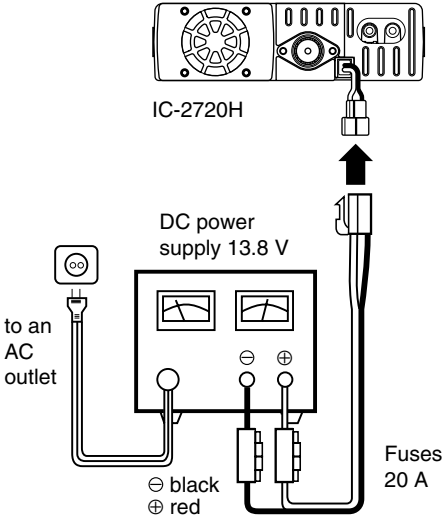


◇ DC power supply connection

Use a 13.8 V DC power supply with at least 15 A capacity.

Make sure the ground terminal of the DC power supply is grounded.

• CONNECTING TO A DC POWER SUPPLY



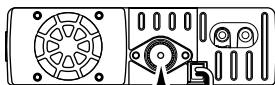
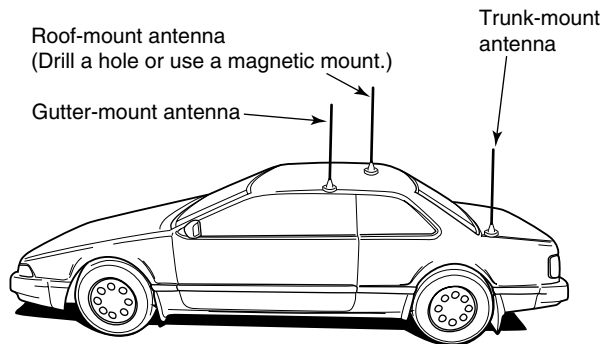
See p. 74 for fuse replacement.

QUICK REFERENCE GUIDE

◇ Antenna installation

• Antenna location

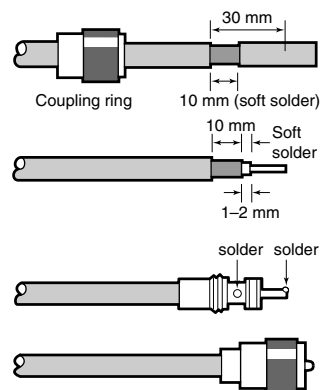
To obtain maximum performance from the transceiver, select a high-quality antenna and mount it in a good location. A non-radial antenna should be used when using a magnetic mount.



• Antenna connector

The antenna uses a PL-259 connector.

• PL-259 CONNECTOR



- ① Slide the coupling ring down. Strip the cable jacket and soft solder.
- ② Strip the cable as shown at left. Soft solder the center conductor.
- ③ Slide the connector body on and solder it.
- ④ Screw the coupling ring onto the connector body.
(10 mm \approx $\frac{3}{8}$ in)

NOTE: There are many publications covering proper antennas and their installation. Check with your local dealer for more information and recommendations.