



INSTALLATION OF Porta-Mobil Two-way FM Radio

General Electric Porta-Mobil 2-Way FM Radios can be mounted in a variety of positions: under the dashboard of a vehicle (as shown in Figure 1), on the floor of the vehicle, or on a vertical mounting surface. An optional mounting bracket with lock helps to prevent unauthorized removal of the radio.

MOUNTING BRACKET

Install the Mounting Bracket and the Porta-Mobil Two-Way Radio as shown in Figure 2. Plan your installation carefully, so that it will be neat, convenient for the operator to use, protected from damage, and out of the way of passengers and auto mechanics.

NOTE

Select a mounting position where the radio can be easily pulled out of its mounting frame for use as a portable radio (with a portable power supply).

MICROPHONE BRACKET

For radios equipped with Channel Guard or Selective Calling, use the microphone hanger on the end of the unit nearest the control panel. For standard radios, the microphone bracket shipped with the mounting hardware may be used.

Mount the microphone bracket so that the microphone will be within convenient reach of the operator. Use the microphone bracket as a template, and drill two pilot holes with a #36 (7/64-inch) drill. Mount the bracket with two #6 self-tapping screws and lockwashers.

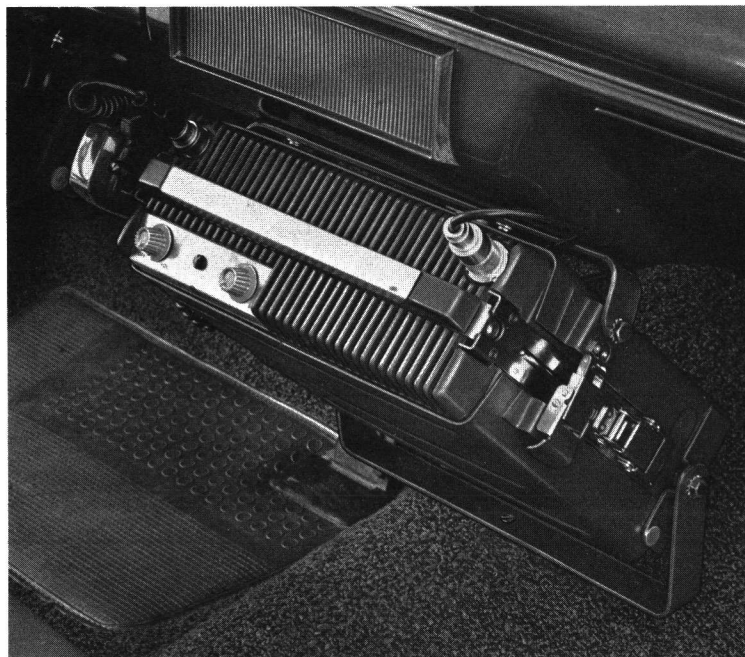
POWER CONNECTIONS

Figure 1: Typical Porta-Mobil Installation

Porta-Mobil with 6 or 12 Volt Mobile Power Supply:

These units are shipped wired for negative ground systems. For positive ground vehicles, switch S501 (on 12-volt "LT" combinations only) to POSITIVE GROUND and connect the red and green leads to TB6 as shown on the cover of the power supply.

For positive or negative ground vehicles, connect the ring terminal end of the Power Cable to the vehicle battery, with the fused lead to battery "hot". Then connect the plug on the Power Cable to the jack on the power supply as shown in Figure 2.



Porta-Mobil with 24/36 Volt Industrial Power Supply: The 24/36 Volt power supply can be used with positive or negative ground systems or with ungrounded systems without modification. Connect the ring terminal end of the Power Cable to the vehicle battery, with the Brown lead to negative and the Red lead to positive. Then connect the plug on the Power Cable to the jack on the power supply as shown in Fig. 2.

Porta-Mobil with Rechargeable Battery: Connect the plug on the DC Charging Cable to the jack on the power supply as shown in Figure 2. Insert the plug on the other end of the cable into the vehicle cigarette lighter receptacle. Use this cable only in 12-volt, negative-ground vehicles.

ANTENNA

Install the antenna according to the instructions packaged with the antenna. Then connect the antenna cable to the jack on the front of the Porta-Mobil radio.

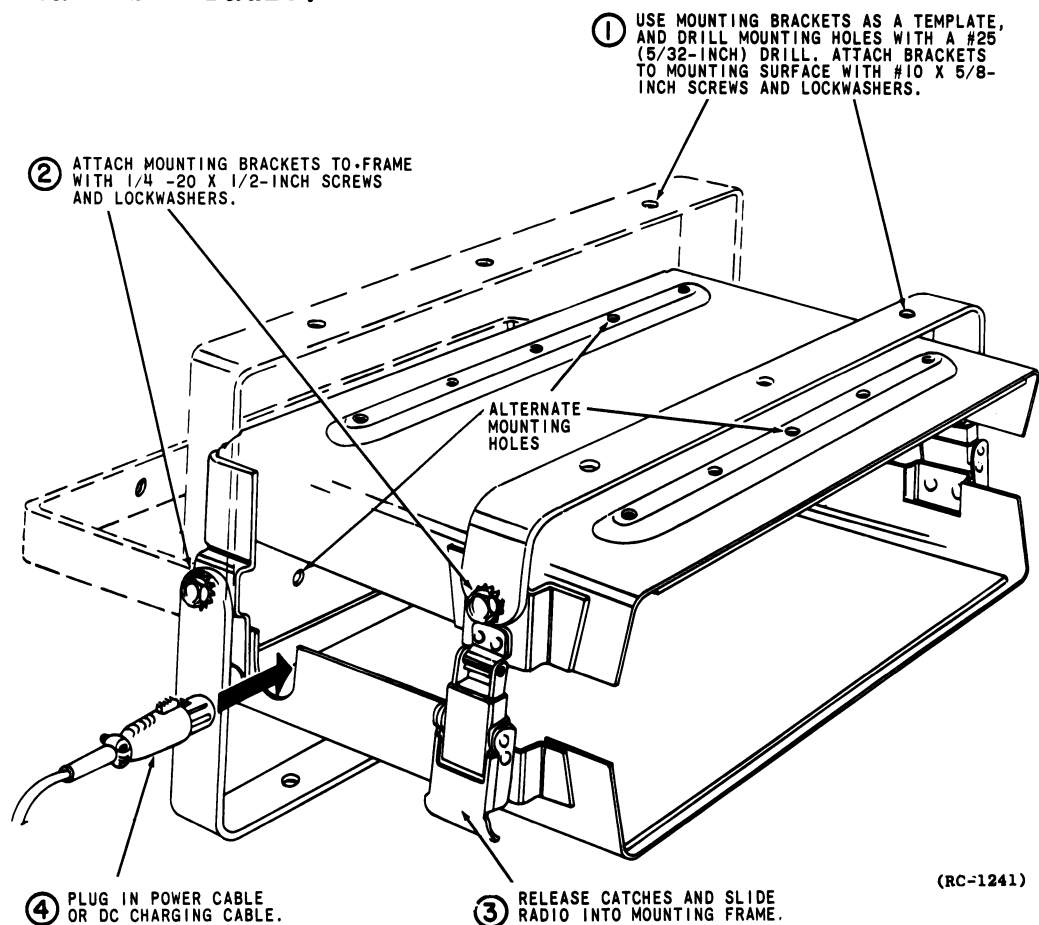


Figure 2: Installing the Porta-Mobil Two-Way Radio

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