



### Battery Rack Kit PA-255248 20RZ Housed or Unhoused Fast-Response II

#### WARNING

**UNIT STARTS WITHOUT NOTICE!** Units with Automatic Transfer Switches start automatically. Potential injury or electrocution can result. Turn Generator Master Switch on controller to OFF position and remove battery cables (remove negative lead first and reconnect it last) to disable generator set before working on any equipment connected to generator.

#### WARNING

**EXPLOSIVE BATTERY GASES!** The gases generated by a battery being charged are highly explosive. Do not smoke or permit flame or spark to occur near a battery at any time, particularly when it is being charged. Avoid contacting terminals with tools, etc., to prevent burns and to prevent sparks that could cause an explosion. Remove wristwatch, rings, and any other jewelry before handling battery. Any compartment containing batteries should be well ventilated to prevent accumulation of explosive gases. To avoid sparks, do not disturb battery charger connections while battery is being charged and always turn charger off before disconnecting.

#### WARNING

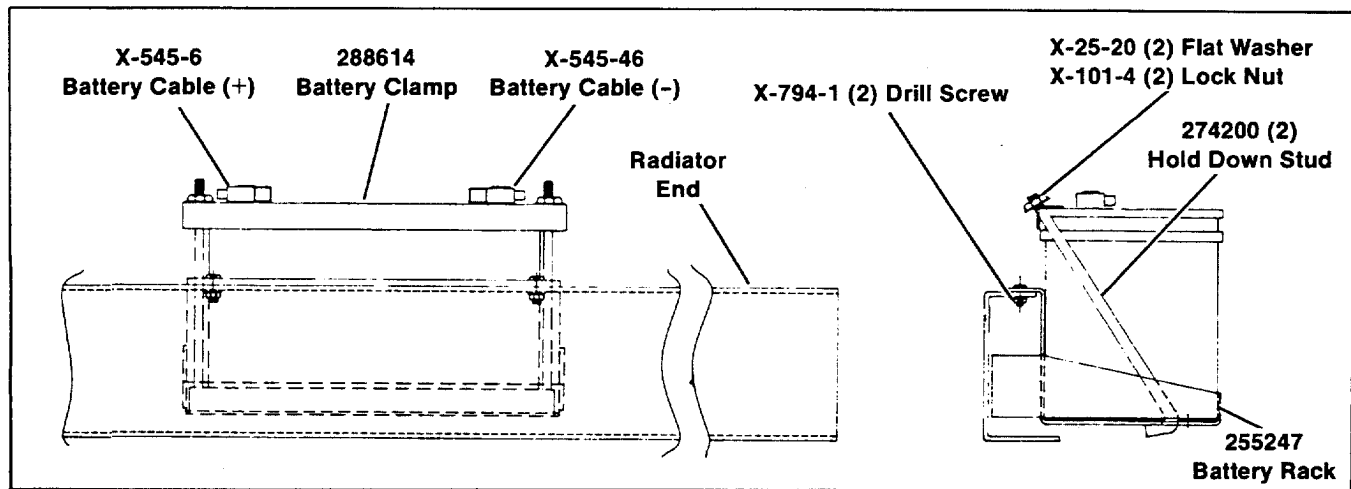
**DANGEROUS ACID!** Avoid contact with battery electrolyte. It contains acid which can eat holes in clothing, burn skin, and cause permanent damage to eyes. Always wear splash-proof safety goggles when working around the battery. If battery electrolyte is splashed in the eyes or on skin, immediately flush the affected area for 15 minutes with large quantities of clean water. In the case of eye contact, seek immediate medical aid. Never add acid to a battery once the battery has been placed in service. Doing so may result in dangerous spattering of electrolyte.

#### WARNING

**ELECTRICAL SHOCK!** Battery can cause electrical burns and shocks. Exercise reasonable care when working near the battery to avoid electrical connections through tools. Remove wristwatch, rings, and any other jewelry.

#### MOUNTING BATTERY RACK

1. Place controller master switch to OFF position. Disconnect battery, negative lead first. Remove existing battery cables from terminals on generator set. Cables will not be reused.
2. Remove doors to expose generator set, if unit is housed.
3. Locate pre-drilled mounting holes in skid and mount battery rack using two drill screws. See Figure 1.
4. Place battery on rack with terminals away from the generator set. Place battery clamp on front edge of battery.
5. Insert hold-down stud into rack and through battery clamp. Install flat washer and lock nut, do not final tighten. Repeat for other side of battery.
6. With both studs installed, tighten nuts evenly until battery is secure. Do not overtighten.
7. Attach red battery cable to starter solenoid terminal on engine and to battery positive (+) terminal.
8. With controller master switch in OFF position, attach black battery cable and internal-external tooth lock washer to engine block. Place internal-external tooth lock washer between battery cable terminal and engine block. Attach black battery cable to battery negative (-) terminal. Replace doors, if unit is housed.



**Figure 1. Mounting Battery Rack**

#### **PARTS LISTING**

<b>Part No.</b>	<b>Description</b>	<b>Qty.</b>
X-22-15	Washer, 7/16" Internal- External Tooth Lock	1
X-25-20	Washer, 5/16" Flat	2
X-101-4	Nut, 5/16 - 24 Lock	2
X-545-6	Cable, Battery (+)	1
X-545-46	Cable, Battery (-)	1
X-794-1	Screw, Drill	2
255247	Rack, Battery	1
274200	Stud, Battery Hold Down	2
288614	Clamp, Battery	1