



Battery Rack Kit #PA-273400 for 20-60ROZJ Generator Sets

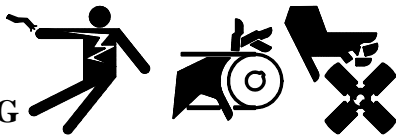
WARNING



Battery gases can cause an explosion.

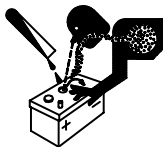
Do not smoke or permit flame or spark to occur near a battery at any time, particularly when it is being charged. Avoid contacting terminals with tools, etc. to prevent burns and to prevent sparks that could cause an explosion. Remove wristwatch, rings, and any other jewelry before handling battery. Never connect negative (-) battery cable to positive (+) connection terminal of starter solenoid. Do not test battery condition by shorting terminals together or sparks could ignite battery gases or fuel vapors. Any compartment containing batteries must 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 battery connections. When disconnecting battery, remove negative lead first and reconnect it last.

WARNING



Accidental starting can cause death or serious personal injury. Turn Generator Master Switch to OFF position, disconnect power to battery charger, and remove battery cables (remove negative lead first and reconnect it last) to disable generator set before working on any equipment connected to generator. The generator set can be started by automatic transfer switch or remote start/stop switch unless these precautions are followed.

WARNING



Sulfuric acid in batteries can cause permanent damage to eyes, burn skin, and eat holes in clothing. 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 hazardous spattering of electrolyte.



CAUTION

Short circuits can cause bodily injury and/or equipment damage. Do not contact electrical connections with tools or jewelry while adjustments are made. Remove wristwatch, rings, and jewelry that can cause short circuits.

Installation

1. Move controller master switch to OFF position. If applicable, 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 (273691) using mounting hardware supplied (X-125-3, X-21-1, and X-82-2). See Figure 1.
4. Place battery on rack with terminals away from the generator set. Place battery clamp (288614) on front edge of battery.
5. Insert angle bolt (274200) into rack and through battery clamp. Install nut and plain washer (X-101-4 and X-25-44).
6. With both studs installed, tighten nuts evenly until battery is secure. Do not overtighten!
7. Firmly affix warning decal (273780) at position shown in Figure 1.
8. Attach red battery cable (X-545-17) to battery positive (+) terminal, route cable under engine and connect to positive (+) stud on starter.
9. With controller master switch in OFF position, attach black battery cable (X-545-7) to battery negative (-) terminal and to location shown in Figure 1 using H.C. screw and lock washer (X-129-15 and X-22-26) to secure.

Parts Listing

Qty.	Description	Part No.
2	Nut	X-101-4
2	Screw, Hexagon Head	X-125-3
1	Screw H.C. 1/2-13 x .75	X-129-15
2	Washer, Lock 5/16	X-21-1
1	Washer, Lock 1/2	X-22-26
2	Washer, Plain 21/64 x 9/16	X-25-44
1	Cable, Battery 50 in.	X-545-17
1	Cable, Battery	X-545-7
2	Nut, Hex. 5/16-18	X-82-2
1	Rack, Battery	273691
1	Decal, Warning	273780
2	Bolt, Angle	274200
1	Clamp, Battery	288614

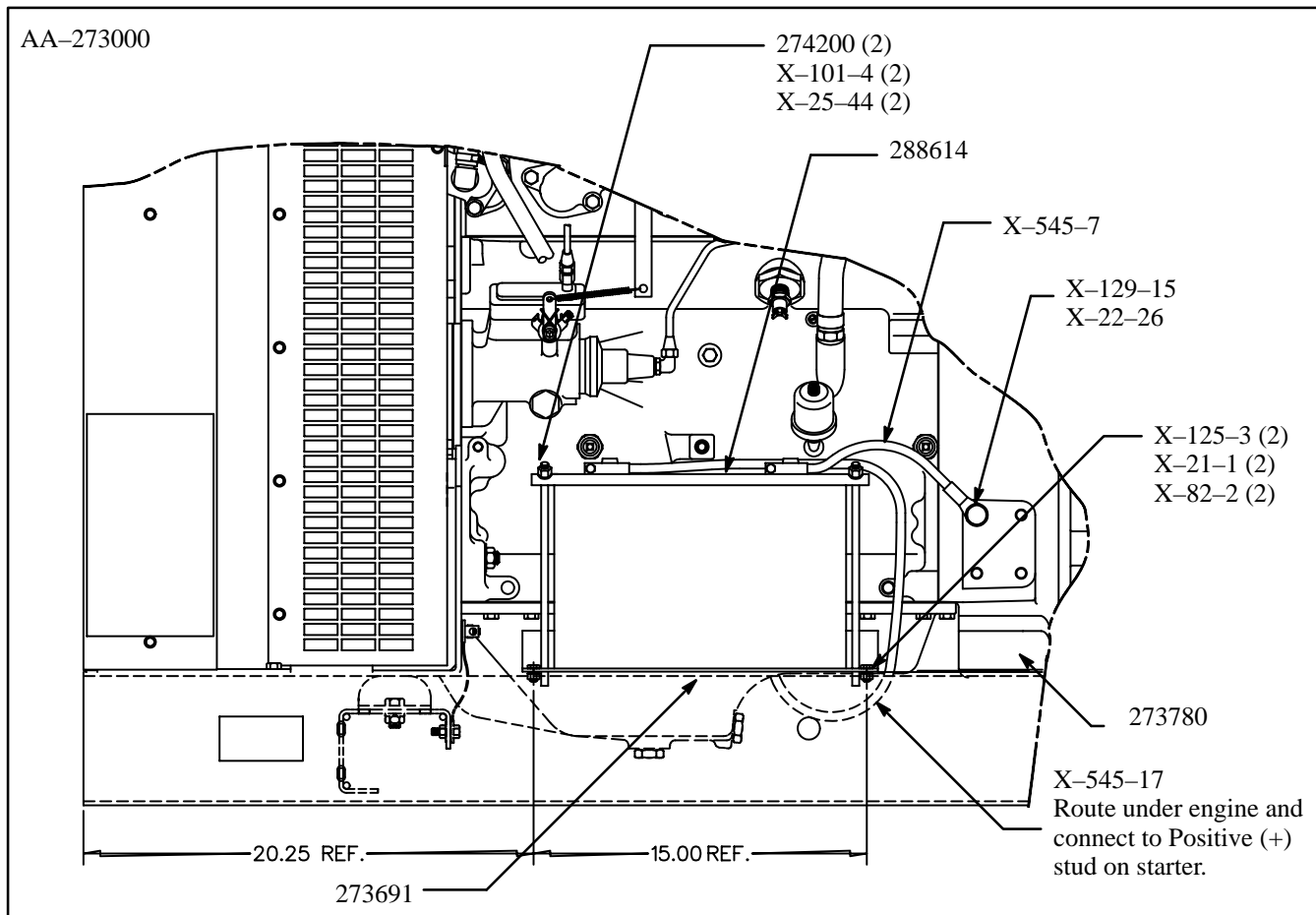


Figure 1.