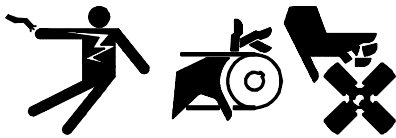

INSTALLATION INSTRUCTIONS

Battery Rack & Cable Kits PA-274572 & PA-274572-SD For 750-1000 kW Standby Generator Sets

The battery rack and cable kit allows placement of the generator set starter batteries in a location convenient to the generator set.



WARNING



Accidental starting.

Can cause severe injury or death.

Disconnect battery cables before working on generator set (negative lead first and reconnect it last).

Accidental starting can cause severe injury or death. 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



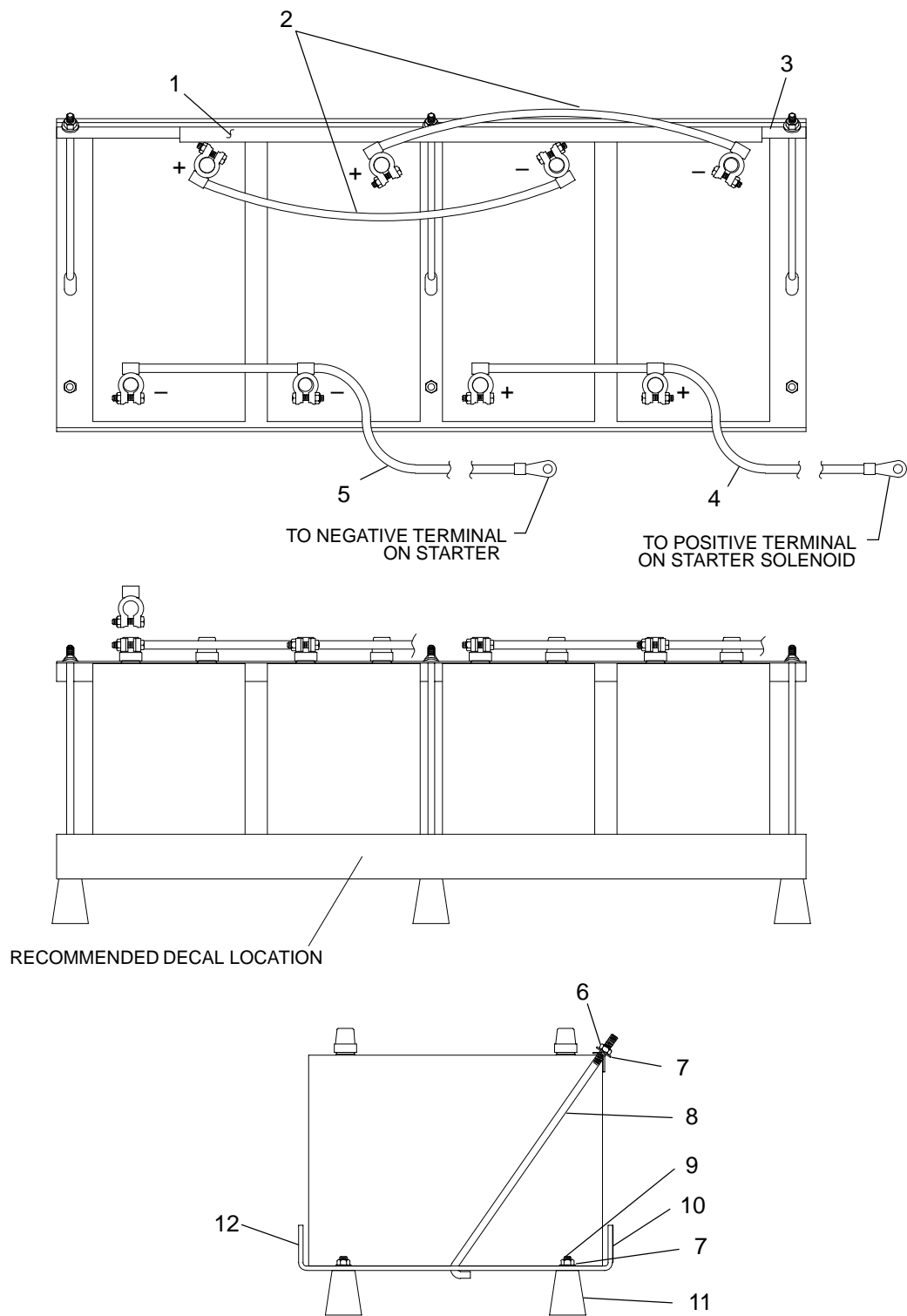
Sulfuric acid in batteries.

Can cause severe injury or death.

Use protective goggles and clothes. Can cause permanent damage to eyes, burn skin, and eat holes in clothing.

Sulfuric acid in batteries can cause severe injury or death. Sulfuric acid in battery 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.

1. Move generator master switch to OFF position. Remove generator set battery cables, negative lead first (if so equipped).
2. Install six vibromounts (238565) on battery rack (274571) with six (one each mount) 0.344 x 0.687 x 0.065-in. plain washers (X-25-85) and 5/16-18 whiz nuts (X-6210-7). See Figure 1.
3. Place battery rack in a convenient location near the generator set. Location is limited only by battery cable length.
4. Install batteries (not supplied) as shown.
5. With surface clean and dry apply warning decal (273780) onto battery rack in a highly visible position. See Figure 1 for recommended location.
6. Install U-channel (X-6047-11) on battery clamp (274570). Place battery clamp on batteries with U-channel resting on battery tops. Secure battery clamp with three 5/16-24 x 13.0-in. angle bolts (288446), 0.344 x 0.687 x 0.065-in. plain washers (X-25-85) and 5/16-24 elastic stop hex nuts (X-101-4).
7. Install two battery cables (X-545-71) as shown.
8. Connect battery cable (X-545-79) to positive (+) battery terminals and positive (+) terminal of generator starter solenoid.
9. Connect battery cable (X-545-80) to negative (–) battery terminals and to ground terminal of generator starter motor.



BN-272000-D

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| 1. U-Channel (X-6047-11) | 7. Plain Washer (X-25-85) qty. 9 |
| 2. Battery Cable (X-545-71) qty. 2 | 8. Angle Bolt (288446) qty. 3 |
| 3. Battery Clamp (274570) | 9. Whiz Nut (X-6210-7) qty. 6 |
| 4. Battery Cable (X-545-79) | 10. Warning Decal (273780) |
| 5. Battery Cable (X-545-80) | 11. Vibromount (238565) qty. 6 |
| 6. Elastic Stop Hex Nut (X-101-4) qty. 3 | 12. Battery Rack (274571 or 274571-SD) |

Figure 1. Battery Rack and Cable Kit

Parts List		
Kits PA-274572 and PA-274572-SD		
Description	Qty.	Part Number
Nut, 5/16-24 elastic stop hex	3	X-101-4
Washer, 0.344 x 0.687 x 0.065 in. plain	9	X-25-85
Cable, battery	2	X-545-71
Cable, battery	1	X-545-79
Cable, battery	1	X-545-80
Channel, U	1	X-6047-11
Nut, 5/16-18 whiz	6	X-6210-7
Vibromount	6	238565
Decal, warning	1	273780
Clamp, battery	1	274570
Rack, battery (Kit PA-274572)	1	274571
Rack, battery (Kit PA-274572-SD)	1	274571-SD
Bolt, 5/16-24 x 13.0 in. angle	3	288446