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## INSTALLATION INSTRUCTIONS

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Original Issue Date: **2/96**

Model: **20-40ROZJ**

Market: **Industrial**

Subject: **Weather Housing Kits PA-222933, PA-222934, PA-222935**

Model	Kit
20ROZJ	PA-222933
30ROZJ	PA-222934
40ROZJ	PA-222935

The weather housing kit provides weather protection for generator sets installed outdoors. Lockable housing panels prevent unauthorized personnel from tampering with the generator set. When installing the weather housing kit, observe the following safety precautions.

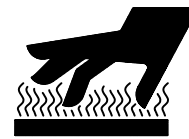


**Accidental starting.**  
**Can cause severe injury or death.**

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

**Disabling generator set. Accidental starting can cause severe injury or death.** Turn generator set 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 the generator set or connected equipment. The generator set can be started by an automatic transfer switch or remote start/stop switch unless these precautions are followed.

### ⚠ WARNING



**Hot engine and exhaust system.**  
**Can cause severe injury or death.**

Do not work on generator set until it is allowed to cool.

**Servicing exhaust system. Hot parts can cause severe injury or death.** Do not touch hot engine parts. An engine becomes hot while running and exhaust system components become extremely hot.

# Installation

1. Place the generator set master switch in the OFF position.
2. Disconnect generator set engine starting battery, negative (–) lead first.
3. Refer to the assembly drawing in Figure 1 to identify kit components and their relative positions.
4. Disconnect exhaust silencer from the generator set if equipped.

## NOTE

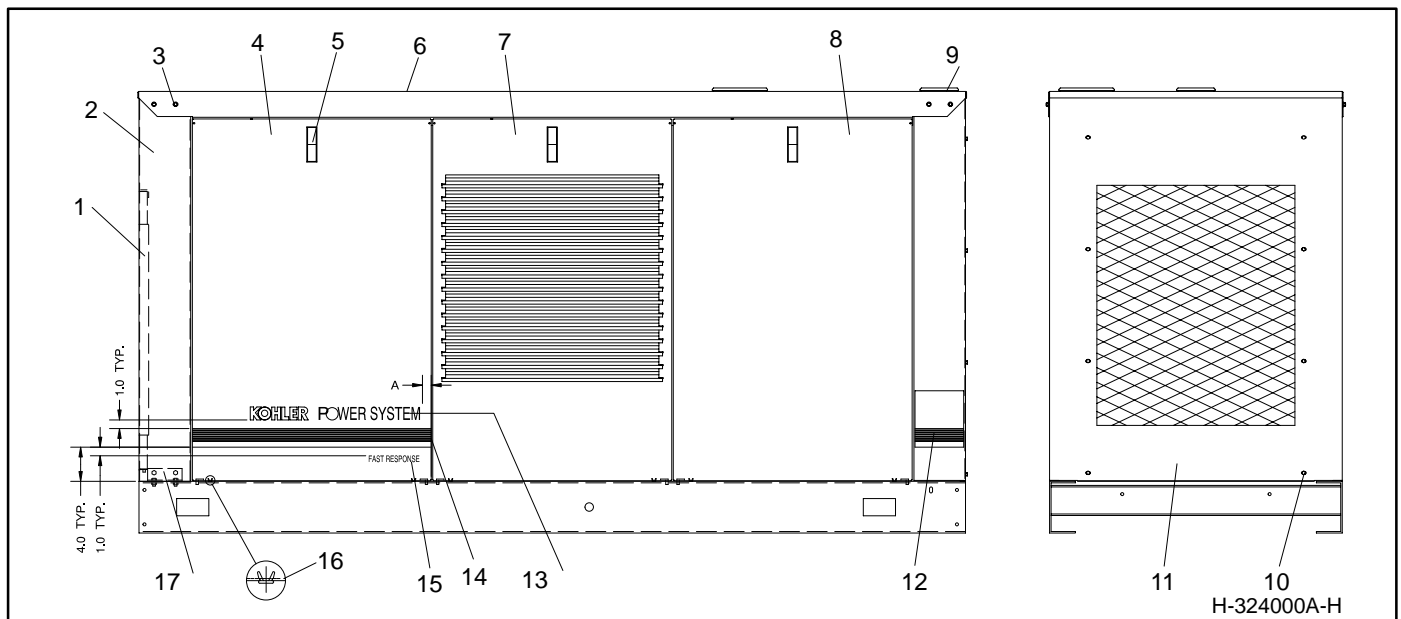
The generator set skid has been predrilled to accept the weather housing components.

5. Secure mounting brackets (324141 and 324142) to the alternator end of the skid with screws (X-125-5) and washers (X-25-85). Final tighten hardware.
6. Position rear housing shroud (254474) on skid and secure to mounting brackets with screws (X-125-5), washers (X-25-85), and nuts (X-101-16).
7. Remove generator set radiator guard. Discard radiator guard and save mounting hardware.
8. Install radiator shroud (222931) using hardware removed in step 7.

9. Position weather housing roof (273554) over top of generator set. Secure roof to front and rear shrouds using screws (X-794-4) into holes provided.
10. Install plug (253268) into roof hole over radiator.
11. Install latches (253373) into openings in doors. See Figure 2.
12. Install four plastic plugs (253723) per door to reduce vibration. Locate two plugs on inside edge and two plugs on the bottom of the door in the holes provided.
13. Install doors (254475-BLK, 254476-BLK and 273558-BLK) on weather housing. See Figure 1 for locations.
14. Apply decals to clean dry surfaces as shown in Figure 1.
15. Final tighten all mounting hardware.
16. Install exhaust silencer kit.
17. Reconnect the generator set engine starting battery, negative (–) lead last.

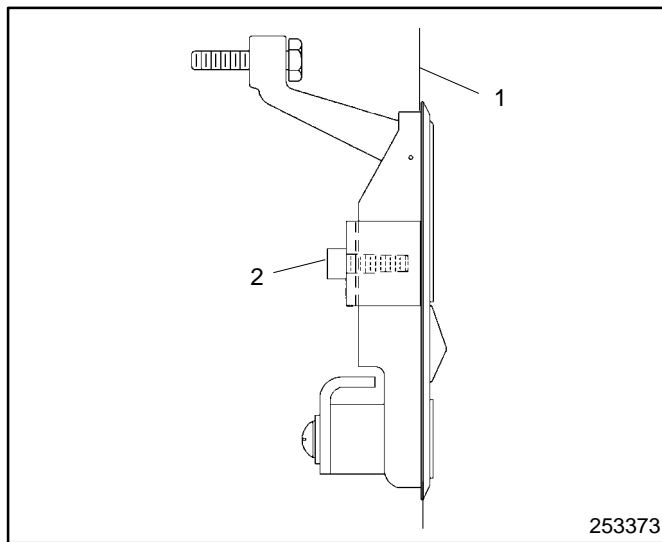
## Weather Housing Kit

Parts List					
Kits: PA-222933, PA-222934, PA-222935			Unique Parts		
Qty.	Description	Common Parts	PA-222933	PA-222934	PA-222935
8	Washer, plain	X-25-85			
8	Screw, 5/16-18 x	X-125-5			
8	Screw, drill	X-794-4			
2	Decal, stripes	X-6232-2			
2	Decal	X-6246-1			
2	Decal, kW		X-6247-1	X-6247-2	X-6247-4
1	Shroud, radiator	222931			
1	Plug	253268			
7	Latch, door	253373			
28	Plug, plastic door	253723			
1	Shroud, rear housing	254474			
1	Door, housing	254475-BLK			
1	Door, rear housing	254476-BLK			
1	Roof, weather housing	273554			
4	Door, weather housing	273558-BLK			
2	Decal	273739			
2	Bracket, mounting (r.h.)	324141			
2	Bracket, mounting (l.h.)	324142			



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|----------------------------------|---|
| 1. Back door (254476-BLK)        | 10. Radiator shroud hardware (use existing)     |
| 2. Rear housing shroud (254474)  | 11. Radiator shroud (222931)                    |
| 3. Drill screws (X-794-4)        | 12. KW decal (X-6247-1 or X-6247-2 or X-6247-4) |
| 4. Rear side door (273558-BLK)   | 13. Decal (X-6246-1)                            |
| 5. Door latch (253373)           | 14. Stripes decal (X-6232-2)                    |
| 6. Housing roof (273554)         | 15. Decal (273739)                              |
| 7. Center side door (254475-BLK) | 16. Plastic door plug (253723)                  |
| 8. Front side door (273558-BLK)  | 17. Mounting brackets (324141 and 324142)       |
| 9. Radiator hole plug (253268)   |   |

**Figure 1. Weather Housing Assembly**



1. Door
2. Screw

**Figure 2. Door Latch**