
INSTALLATION INSTRUCTIONS

Original Issue Date: **2/96**

Model: **80/100ROZJ**
80/100REOZJ

Market: **Industrial**

Subject: **Weather Housing Kits PA-222938, PA-222939, PA-352355**

Model	Kit
80ROZJ	PA-222938
80REOZJ	PA-352355
100ROZJ	PA-222939
100REOZJ	PA-352355

The weather housing kit provides weather protection for generator sets installed outdoors. The housing panels can be locked to 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 and remove exhaust silencer, if equipped from the generator set.

NOTE

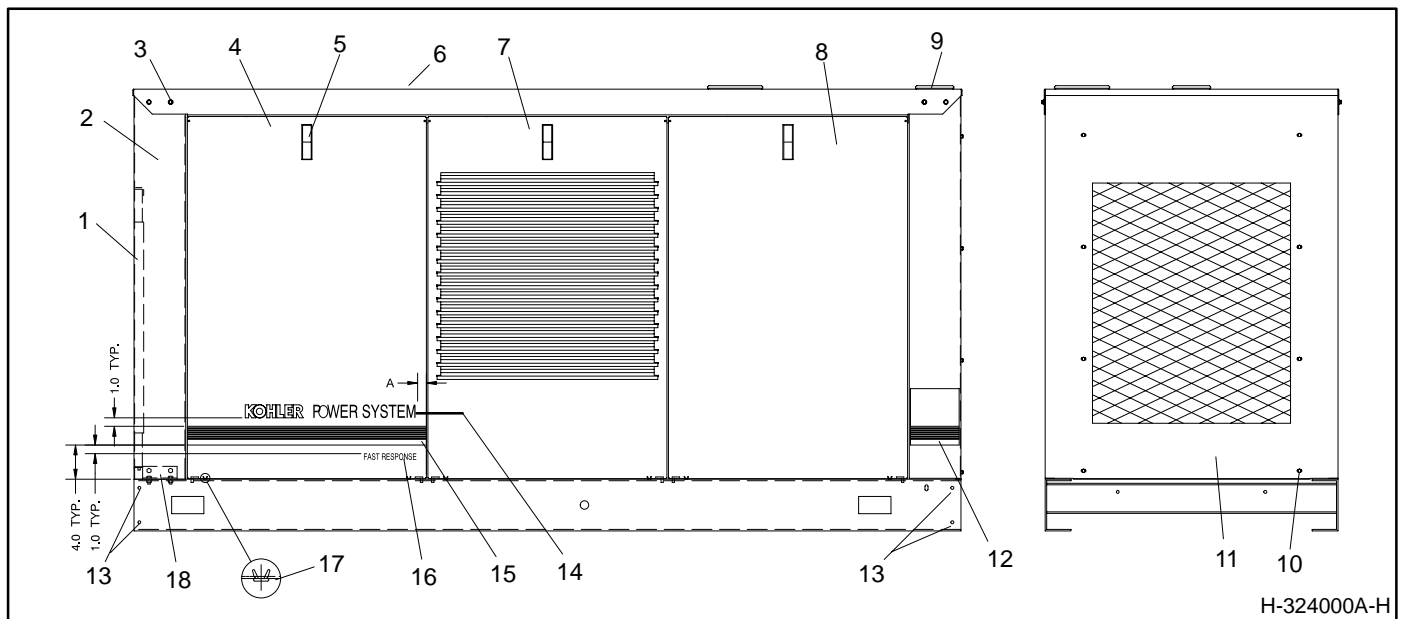
The generator set skid has been predrilled to accept the weather housing components.

5. Secure mounting brackets (225073 and 225074) to the alternator end of the skid with screws (X-125-5) and washers (X-25-85) and nuts (X-101-16).
6. Position rear housing shroud (222944 or 352348) 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 (222942 or 352347) using hardware removed in step 6.

9. Position weather housing roof (222943 or 352352) 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 plugs on inside edge and door bottom in holes provided.
13. Install doors (222994 or 352349, 254473-BLK, and 273557-BLK) on weather housing. See Figure 1 for locations.
14. Apply decals to clean, dry surfaces as shown in Figure 1.
15. **Kit PA-352349:** Secure skid enclosures (275460) to skid using screws (X-465-2) and washers (X-25-40). See Figure 1.
16. Final tighten all mounting hardware.
17. Install exhaust silencer kit.
18. Reconnect the generator set engine starting battery, negative (–) lead last.

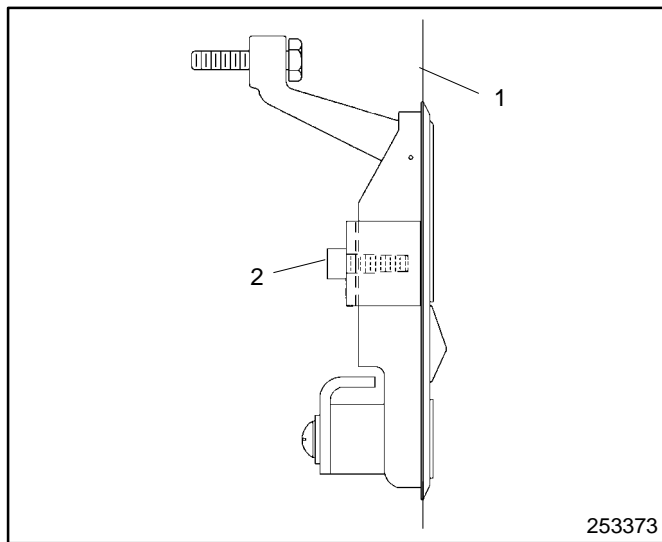
Weather Housing Kit

Parts List					
Kits: PA-222938, PA-222939, PA-352355			Unique Parts		
Qty.	Description	Common Parts	PA-222938	PA-222939	PA-352355
8	Washer, plain				X-25-40
10	Washer, plain	X-25-85			
10	Nut, elastic stop 5/16	X-101-16			
10	Screw, 5/16-18 x	X-125-5			
8	Screw, drill		(8) X-794-4	(8) X-794-4	(12) X-794-4
2	Decal, stripes	X-6232-2			
2	Decal	X-6246-2			
2	Decal, kW		X-6247-9	X-6247-10	
1	Shroud, radiator		222942	222942	352347
1	Roof, housing		222943	222943	352352
1	Shroud, rear housing		222944	222944	352348
1	Door, rear housing		222994	222994	352349
2	Bracket, mounting (r.h.)	225073			
2	Bracket, mounting (l.h.)	225074			
1	Plug	253268			
7	Latch, door	253373			
28	Plug, plastic door	253723			
4	Door, housing	254473-BLK			
2	Door, weather housing	273557-BLK			
2	Decal		273740	273740	
2	Enclosure, skid				275460



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|---|---|
| 1. Back door (222994 or 352349) | 10. Radiator shroud hardware (use existing) |
| 2. Rear housing shroud (222944 or 352348) | 11. Radiator shroud (222942 or 352347) |
| 3. Drill screws (X-794-4) | 12. KW decal (X-6247-9 or X-6247-10) |
| 4. Rear side door (273557-BLK) | 13. Skid enclosures (275460) screws (X-465-2, and washers (X-25-40) |
| 5. Door latch (253373) | 14. Decal (X-6246-2) |
| 6. Housing roof (222943 or 352352) | 15. Stripes decal (X-6232-2) |
| 7. Center side door (254473-BLK) | 16. Decal (273740) |
| 8. Front side door (254473-BLK) | 17. Plastic door plug (253723) |
| 9. Radiator hole plug (253268) | 18. Mounting brackets (225073 and 225074) |

Figure 1. Weather Housing Assembly



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| 1. Door |
| 2. Screw |

Figure 2. Door Latch