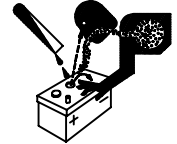


## Weather Housing Kits PA-254479, PA-254480, and PA-254481 For Installation on 20-100ROZJ Generators

Model	Kit No.
20-40ROZJ	PA-254479
50-60ROZJ	PA-254480
80-100ROZJ	PA-254481



The weather housing kit provides weather protection for generator sets installed outdoors. In addition, the housing panels can be locked to prevent unauthorized personnel from tampering with the generator. When installing the weather housing kit, follow the GENERAL guidelines and observe the safety precautions listed below. In instances where two different part numbers are mentioned, refer to Figure 1 to determine which part number applies to your application.

**⚠ CAUTION**



**Hot parts can cause personal injury.** Do not touch hot engine parts. An engine gets hot while running and exhaust system components get extremely hot. Allow engine to cool before servicing.

**⚠ CAUTION**



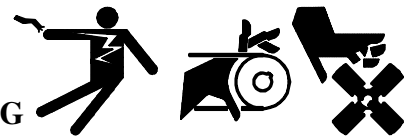
**Short circuits can cause bodily injury and/or equipment damage.** Do not contact electrical connections with tools or jewelry while adjustments are made. Remove wristwatch, rings, and jewelry that can cause short circuits.

**⚠ 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.

**⚠ 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**



### **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.

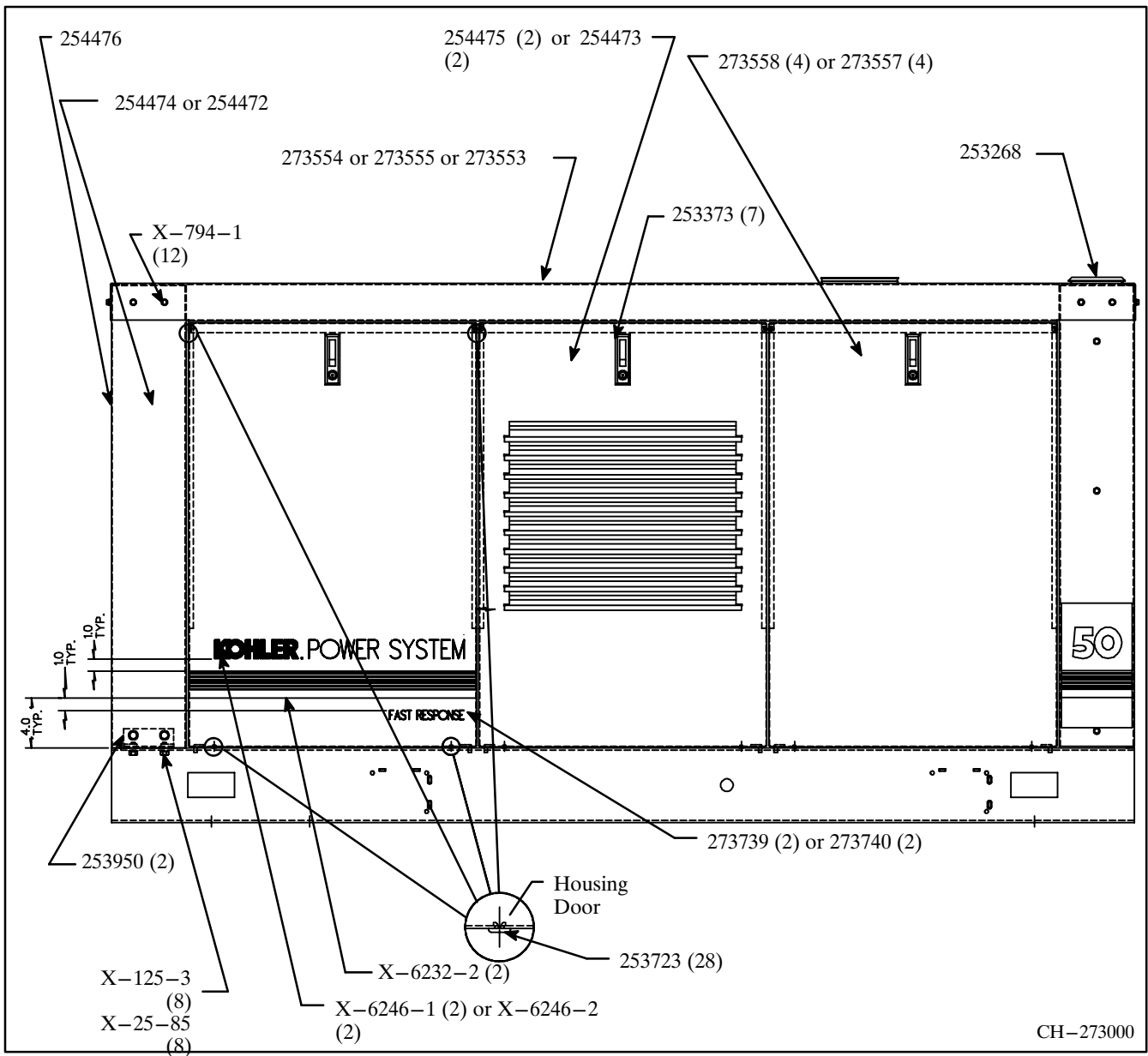
### **Installation**

1. Move controller master switch to OFF position. Disconnect battery of generator set, negative lead first.
  2. Refer to the assembly drawing in Figure 1 to identify kit components and their relative position.
  3. Position rear housing shroud (254474 or 254472) on skid using mounting bracket (253950). Secure using screws (X–125–3), flat washers (X–25–85), and lock washers (X–21–1).
  4. Remove/disconnect silencer and mounting components as necessary to perform steps 5 and 6.
  5. Position weather housing roof (273554 or 273555 or 273553) over top of unit. Secure to corners using drill hex screws (X–794–1)
- into holes provided. Be sure roof openings align with silencer/radiator ports on generator.
6. Assemble plug (253268) into roof at location shown in Figure 1.
  7. Reconnect silencer and mounting components.

#### **NOTE**

To reduce vibration use 4 plastic plugs (253723) per door panel when installing. Locate 2 plugs on the bottom of each door panel and 2 plugs near the top of each door panel. See Figure 1 for positions.

8. Install latch (253373) and 4 plastic plugs (253723) into rear housing door (254476). Position rear housing door over opening in rear housing shroud (mentioned in step 3) and into generator skid.
9. Install latches (253373) and plastic plugs (253723 – 4 per door) into weather housing doors (273558 or 273557). Position weather housing doors into generator skid.
10. Install latches (253373) and plastic plugs (253723 – 4 per door) into louvered housing doors (254475 or 254473). Position housing doors into generator skid.
11. With surfaces clean and dry, affix Kohler® Power System decal (X–6246–1 or X–6246–2), stripe decal (X–6232–2), and Fast Response decal (273739 or 273740) to front and back of weather housing. See Figure 1 for locations and positions.
12. Check that the controller master switch is in the OFF position. Reconnect battery, negative lead last.
13. Move controller master switch to normal operating position.



**Figure 1. Weather Housing Installation**

**Parts Listing**

Qty.	Description	Common Parts	Kit Number		
			PA-254479	PA-254480	PA-254481
8	Screw, Hexagon Head	X-125-3			
8	Washer, Lock 5/16	X-21-1			
8	Washer, Plain	X-25-85			
2	Decal, Stripes	X-6232-2			
2	Decal, Kohler Power System		X-6246-1	X-6246-1	X-6246-2
12	Screw, Drill Hex.	X-794-1			
1	Plug	253268			
7	Latch	253373			
28	Plug, Plastic	253723			
2	Bracket, Mounting	253950			
1	Shroud, Rear Housing		254474	254474	254472
2	Door, Housing		254475	254475	254473
1	Door, Rear Housing	254476			
1	Roof, Weather Housing		273554	273555	273553
4	Door, Weather Housing		273558	273558	273557
2	Decal, Fast Response		273739	273739	273740