
INSTALLATION INSTRUCTIONS

Original Issue Date: **1/96**

Model: **30-45 kW (Ford Powered Models)**

Market: **Industrial**

Subject: **Weather Housing Kits PA-326029, PA-326030, PA-326394,
PA-333008-SD, PA-333009-SD, PA-333035-SD**

Model	Kit
30 kW	PA-326394, PA-333035-SD
35 kW	PA-326029, PA-333008-SD
45 kW	PA-326030, PA-333009-SD

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.

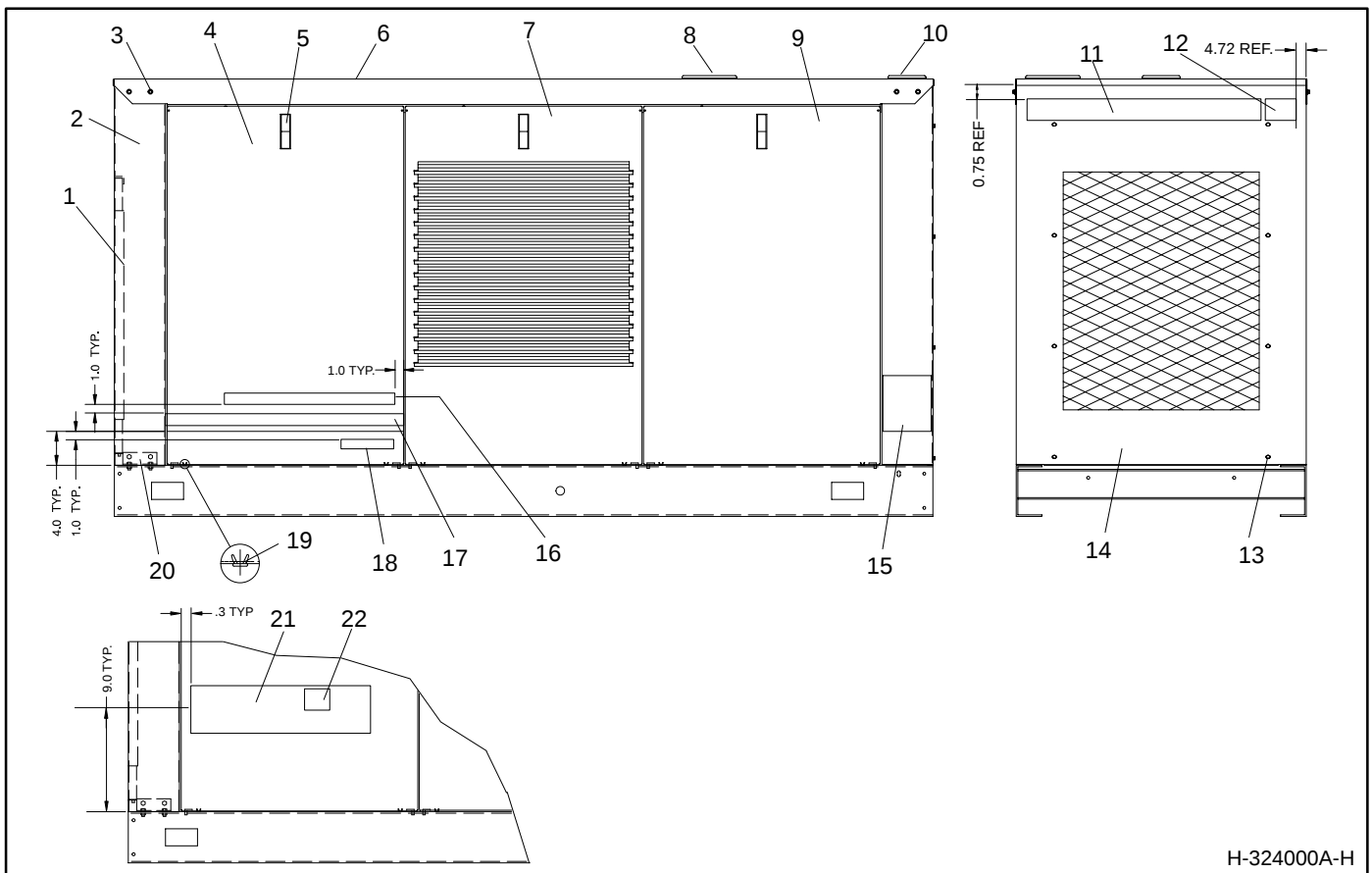
Installation

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 from the generator set if equipped.

NOTE

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

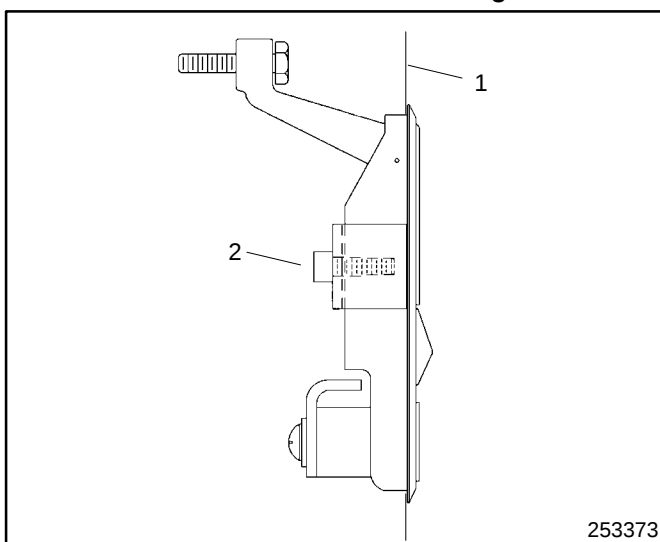
5. Secure mounting brackets (324141 and 342142) to the alternator end of the skid with screws (X-125-5) and washers (X-25-85). Final tighten hardware.
6. Position rear housing shroud (276268) on skid and secure to mounting brackets with screws (X-125-5), washers (X-25-85), and nuts (X-101-16).
7. Remove generator set radiator guard. Discard radiator guard and save mounting hardware.
8. Install radiator guard (326027) using hardware removed in step 7.
9. Position weather housing roof (326028) over top of unit. Secure roof to the radiator guard and rear shroud using screws (X-794-4) and 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 2 plugs on inside edge and 2 on the bottom edge in holes provided.
13. Install rear door (254476-BLK or 254476-SD) on weather housing. See Figure 1.
14. Install side doors (253072-BLK or 253072-SD, 276265-BLK or 276265-SD, and 326155-BLK or 326155-SD) on weather housing. See Figure 1 for door locations.
15. Apply decals to clean, dry surfaces as shown in Figure 1.
16. Final tighten all mounting hardware.
17. Install exhaust silencer kit.
18. Reconnect the generator set engine starting battery, negative (–) lead last.



H-324000A-H

- | | |
|---|---|
| 1. Back door (254476-BLK or 254476-SD) | 12. Decal (X-6302-1) |
| 2. Rear housing shroud (276268) | 13. Radiator shroud hardware (use existing) |
| 3. Drill screws (X-794-4) | 14. Radiator guard (326027) |
| 4. Rear side door (253072-BLK or 253072-SD) | 15. Decal (X-6247-2 or X-6247-20 or X-6247-5) |
| 5. Door latch (253373) | 16. Decal (X-6246-1) |
| 6. Housing roof (326028) | 17. Stripes decal (X-6232-2) |
| 7. Center side door (276265-BLK or 276265-SD) | 18. Decal (273739) |
| 8. Exhaust hole plug (X-519-15) | 19. Plastic door plug (253723) |
| 9. Front side door (326155-BLK or 326155-SD) | 20. Mounting brackets (324141 and 342142) |
| 10. Radiator hole plug (253268) | 21. Decal (X-6246-1) |
| 11. Decal (X-6301-3) | 22. Decal (326027) |

Figure 1. Weather Housing Assembly



1. Door
2. Screw

Figure 2. Door Latch

Weather Housing Kit

Parts List					
Kits: PA-326029, PA-326030, PA-326394,			Unique Parts		
Qty.	Description	Common Parts	PA-326029	PA-326030	PA-326394
16	Washer, plain O.D.=0.687 in.	X-25-85			
8	Screw, 5/16-18 x 1.0	X-125-5			
8	Screw, drill w/washer	X-794-4			
2	Decal, stripes	X-6232-2			
2	Decal	X-6246-1			
2	Decal, kW		X-6247-20	X-6247-5	X-6247-2
2	Door, housing	253072-BLK			
1	Plug	253268			
7	Latch, door	253373			
28	Plug, plastic door	253723			
1	Door, rear housing	254476-BLK			
2	Decal	273739			
2	Door, vented housing	276265-BLK			
1	Shroud, rear housing	276268			
1	Bracket, mounting	324141			
1	Bracket, mounting	324142			
1	Guard, radiator	326027			
1	Roof, housing	326028			
2	Door, housing	326155-BLK			

Weather Housing Kit

Parts List					
Kits: PA-333008-SD, PA-333009-SD, PA-333035-SD			Unique Parts		
Qty.	Description	Common Parts	PA-333008-SD	PA-333009-SD	PA-333035-SD
16	Washer, plain O.D.=0.687 in.	X-25-85			
8	Screw, 5/16-18 x 1.0	X-125-5			
8	Screw, drill w/washer	X-794-4			
2	Decal, kW		X-6299-24	X-6299-25	X-6299-2
2	Decal	X-6301-1			
2	Door, housing	253072-SD			
1	Plug	253268			
7	Latch, door	253373			
1	Plug, plastic	253723			
1	Door, rear housing	254476-SD			
2	Door, housing vented	276265-SD			
1	Shroud, rear housing	276268			
1	Bracket, mounting	324141			
1	Bracket, mounting	324142			
1	Guard, radiator	326027			
1	Roof, housing	326028			
2	Door, housing	326155-SD			