
INSTALLATION INSTRUCTIONS

Original Issue Date: **11/95**

Model: **20 kW (Gas Powered)**

Market: **Industrial**


Subject: **Weather Housing Kits PA-326426, PA-333037-SD**

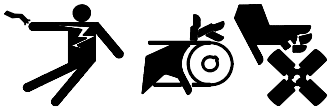
Introduction

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.

Safety Precautions

Observe the following safety precautions while installing the kit.



WARNING




Accidental starting.
Can cause severe injury or death.

Disconnect the battery cables before working on the generator set. Remove the negative (-) lead first when disconnecting the battery. Reconnect the negative (-) lead last when reconnecting the battery.

Disabling the generator set. Accidental starting can cause severe injury or death. Before working on the generator set or connected equipment, disable the generator set as follows: (1) Move the generator set master switch to the OFF position. (2) Disconnect the power to the battery charger. (3) Remove the battery cables, negative (-) lead first. Reconnect the negative (-) lead last when reconnecting the battery. Follow these precautions to prevent starting of the generator set by an automatic transfer switch, remote start/stop switch, or engine start command from a remote computer.


WARNING



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

Do not work on the generator set until it cools.

Hot parts can cause severe injury or death. Do not touch hot engine parts. An engine gets hot while running and exhaust system components get extremely hot.

Read the entire installation procedure and compare the kit parts with the parts list at the end of this publication before beginning installation. Perform the steps in the order shown.

Installation Procedure

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

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

6. Secure mounting brackets (324141 and 324142) with screws (X-125-5) and washers (X-25-85) to the alternator end of the generator set skid. Final tighten hardware.
7. Attach rear housing shroud (276268) to mounting brackets installed in step 6. Attach shroud to brackets using screws (X-125-5) and washers (X-25-85).
8. Remove generator set radiator guard. Discard radiator guard and save the mounting hardware.

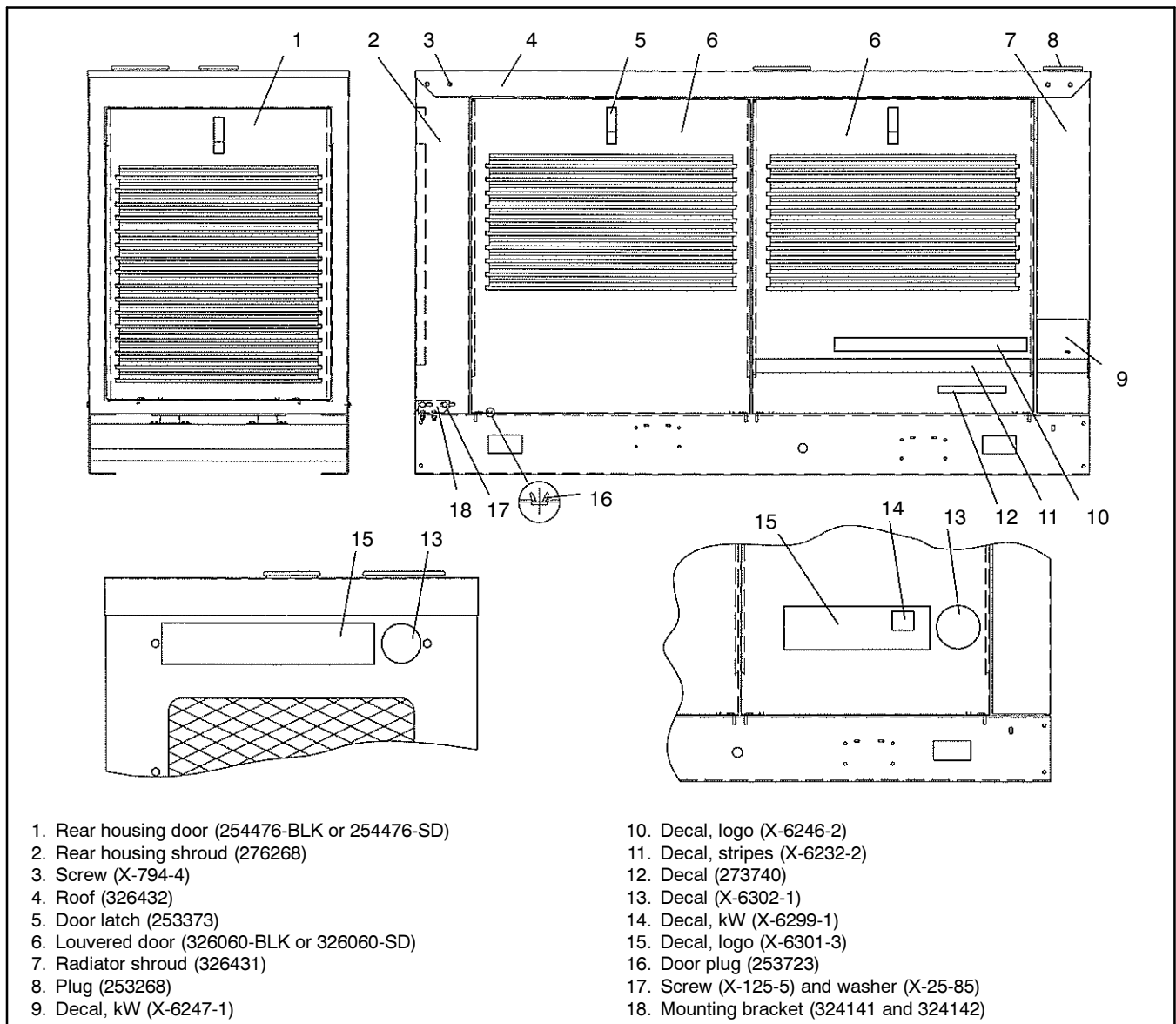


Figure 1 Weather Housing Assembly

9. Install radiator guard (326431) using hardware removed in step 8.
10. Install housing roof (326432) over unit. Verify that roof openings align with silencer and radiator ports on the generator set.
11. Attach roof to radiator guard and rear shroud with screws (X-794-4).
12. Install plug (253268) in roof opening.
13. Install latch (253373) in each door. See Figure 2.

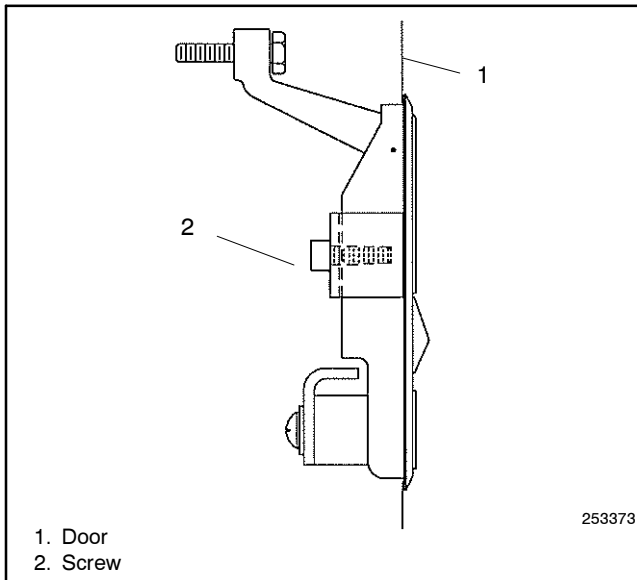


Figure 2 Door Latch

14. Install four plastic plugs (253723) in each door. Install two plugs on the top and bottom edges of the door.
15. Install side doors (326060-BLK or 326060-SD) and back door (254476-BLK or 254476-SD). See Figure 1 for door locations. Secure each door to housing with latch. If doors do not fit, loosen housing support hardware and square unit.
16. Attach decals to a clean dry surface as shown in Figure 1.
17. Install exhaust silencer, if equipped.
18. Check that the generator set master switch is in the OFF position.
19. Reconnect the generator set engine starting battery, negative (-) lead last.
20. Reconnect power to the battery charger, if equipped.

Parts List

Weather Housing Kit

Kits: PA-326426, PA-333037-SD				
Qty.	Description	Common Parts	Unique Parts	
			PA-326426	PA-333037-SD
8	Washer, plain, 0.625 in. OD	X-25-40		
16	Washer, plain, 0.687 in. OD	X-25-85		
8	Screw, 5/16-18 x 1.0	X-125-5		
8	Screw, 1/4-20 x 0.5	X-465-6		
8	Screw, drill w/washer	X-794-4		
2	Decal, stripes		X-6232-6	
2	Decal, logo		X-6246-2	
2	Decal, kW		X-6247-1	
2	Decal, kW			X-6299-1
3	Decal, logo			X-6301-3
3	Decal, logo			X-6302-1
1	Plug	253268		
5	Latch, door	253373		
20	Plug, plastic	253723		
1	Door, rear housing		254476-BLK	254476-SD
2	Decal		273740	
1	Shroud, rear housing	276268		
1	Bracket, mounting, RH	324141		
1	Bracket, mounting, LH	324142		
1	Shroud, radiator	324019		
1	Roof, housing	324022		
2	Door, housing		276396-BLK	276396-SD
2	Door, housing		324552-BLK	324552-SD