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## INSTALLATION INSTRUCTIONS

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Original Issue Date: **3/96**

Model: **125-180ROZJ (John Deere 6081 Engine)**

Market: **Industrial**

Subject: **Weather Housing Kits PA-336687, 336687, PA-336892, 336892, PA-336893, 336893**

Model	Kit
125ROZJ	PA-336687
150ROZJ	PA-336687
150ROZJ (oversized alternator)	PA-336892
180ROZJ	PA-336893

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).

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**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.

<b>⚠ WARNING</b>
<p><b>Hot engine and exhaust system.</b> <b>Can cause severe injury or death.</b></p> <p>Do not work on generator set until it is allowed to cool.</p>

**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.

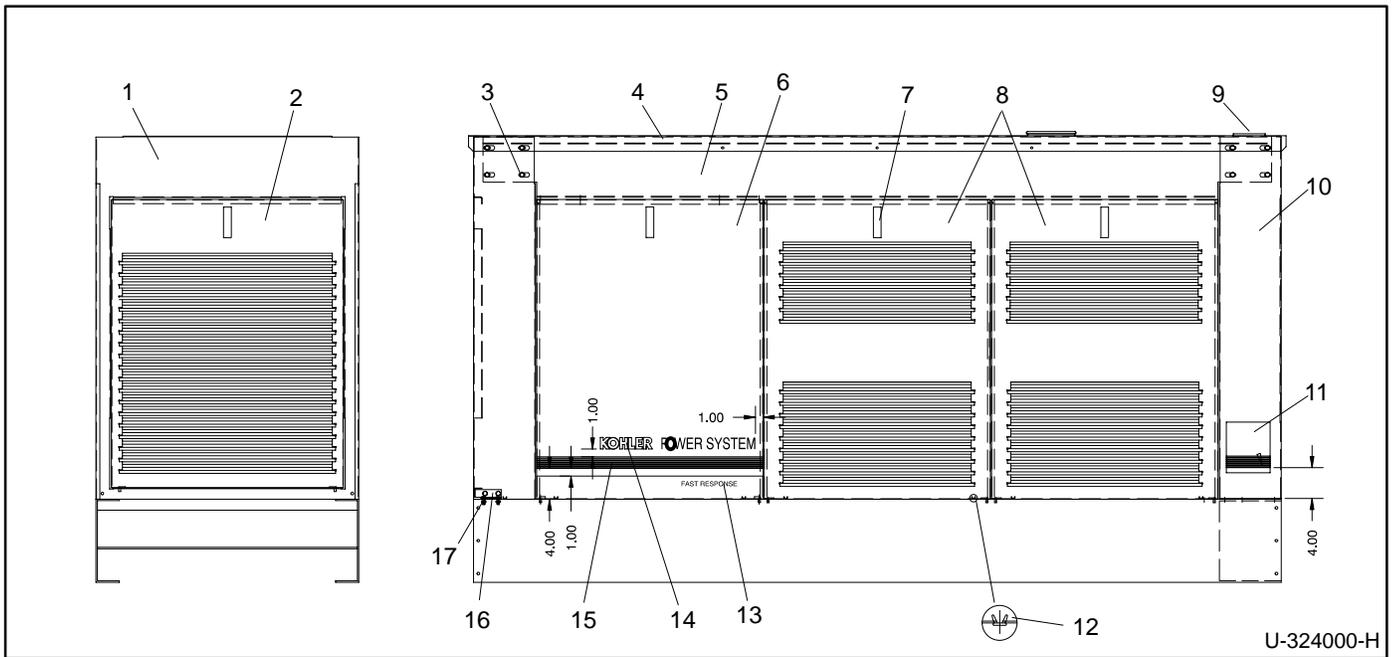
# Installation

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, if equipped from the generator set.

## NOTE

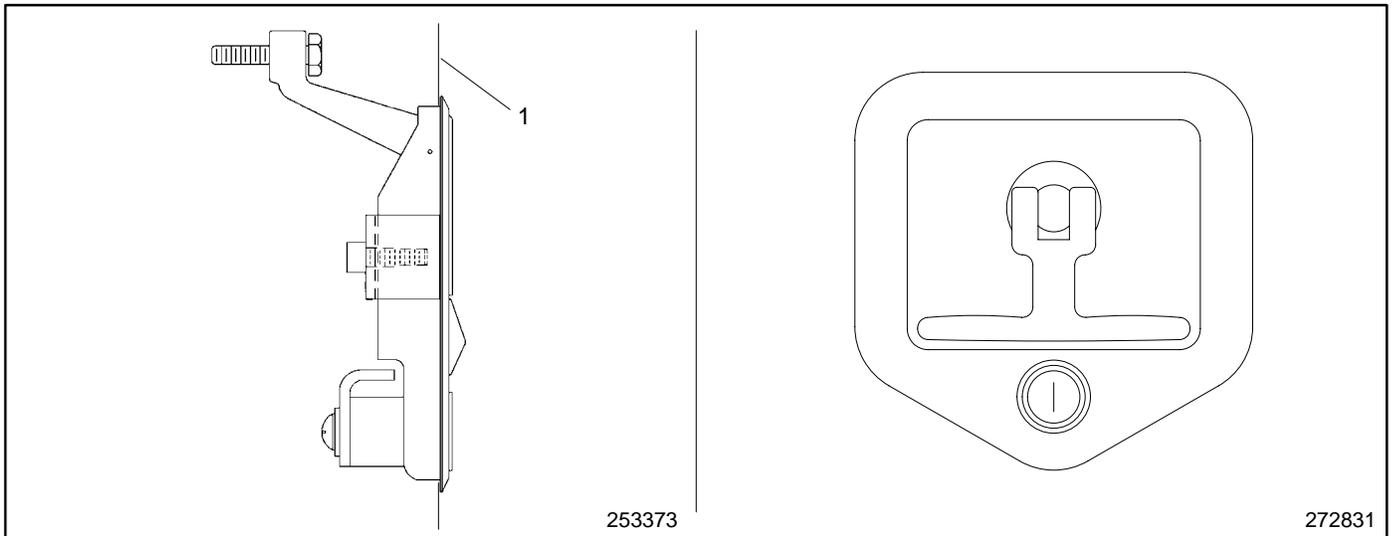
The generator set skid has been predrilled to accept the weather housing components.

5. Secure mounting brackets (276788 and 276789, or 225073 and 225074) with holes in the alternator end of the skid. Secure mounting brackets with screws (X-125-5), washers (X-25-85), and nuts (X-101-16).
6. Attach rear housing shroud (336015 or 336097) to mounting brackets installed in step 5. Attach shroud to brackets using 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 (336012, 336095, or 336096) using hardware removed in step 7.
9. Attach side rails (273641 or 336014) to front and rear shrouds. Secure with screws (X-125-23) and washers (X-25-85).
10. Position roof stiffeners (273585) between housing side rails. Install one stiffener under each muffler mounting bracket if used. Equally space the remaining stiffeners over the length of the housing. Secure stiffener on one end with drill screw (X-794-2).
11. Install housing roof (336688 or 336891) over generator set. Attach roof to front and rear shrouds with screws (X-794-4). Be sure roof openings align with silencer and radiator ports on the generator set.
12. Install plug (253268) in roof opening.
13. Install latch (272831) in each door. See Figure 2.
14. Install four plastic plugs (253723) in each door. Install two plugs each on the top and bottom edges of the door.
15. Install side doors (255427-BLK or 336100) and back door (324383-BLK or 336098). See Figure 1 for door locations. Secure each door to housing with latch. If doors do not fit loosen housing support hardware and square weather housing.
16. Attach decals to a clean dry surface as shown in Figure 1.
17. Install exhaust silencer kit.
18. Check that the generator set master switch is in the OFF position.
19. Reconnect the generator set engine starting battery, negative (–) lead last.



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|---------------------------|-------------------------------|
| 1. Rear housing shroud    | 10. Radiator shroud           |
| 2. Rear housing door      | 11. KW decal                  |
| 3. Screws and washers     | 12. Plug                      |
| 4. Housing roof           | 13. Decal                     |
| 5. Housing side rail      | 14. Logo decal                |
| 6. Rear side housing door | 15. Stripes decal             |
| 7. Door latch             | 16. Mounting bracket          |
| 8. Side doors             | 17. Screws, washers, and nuts |
| 9. Radiator hole plug     |                               |

**Figure 1. Weather Housing Assembly**



1. Door

**Figure 2. Door Latches**

## Weather Housing Kit

Parts List					
Kits: PA-336687, 336687, PA-336892, 336892, PA-336893, 336893			Unique Parts		
Qty.	Description	Common Parts	PA-336687 336687	PA-336892 336892	PA-336893 336893
	Washer, plain		(8) X-25-40	(8) X-25-40	(22) X-25-40
26	Washer, plain	X-25-85			
	Nut, elastic stop 5/16-18		(10) X-101-16	(4) X-101-16	(4) X-101-16
10	Screw, 5/16-18 x 1.0	X-125-5			
16	Screw, 5/16-18 x 6 1/4	X-125-23			
8	Screw, 1/4-20 x 1.0	X-465-2			
14	Screw, 1/4-20 x 1.0			X-465-7	X-465-7
28	Rivet, pop			X-781-1	X-781-1
8	Rivet, pop	X-781-11			
10	Screw, drill			X-794-2	X-794-2
14	Screw, drill w/washer	X-794-4			
2	Decal, stripes	X-6232-2			
2	Decal	X-6246-2			
2	Decal, kW		X-6247-11	X-6247-12	X-6247-13
1	Bracket, housing support		225073	276788	276788
1	Bracket, housing support		225074	276789	276789
1	Plug	253268			
7	Latch, door		253373	272831	272831
5	Stiffener, roof			273585	273585
28	Plug, plastic	253723			
2	Decal	273740			
2	Rail, side		336014	273641	273641
1	Disc, rain	279711			
1	Shroud, radiator		336012	336096	336095
1	Shroud, rear housing		336015	336097	336097
1	Door, rear housing		324383-BLK	336098	336098
4	Door, housing		324386-BLK	336099	336099
2	Door, housing		255427-BLK	336100	336100
1	Roof, housing		336688	336891	336891
2	Enclosure, skid		275461-KCB	336216	336216