

10 & 12 RY/RZ Fiberglass Sound Shield Kits

Kit Number	Gen. Model	Color
256826	RY	Cream Beige
256827	RY	Green
256874	RZ	Cream Beige
256875	RZ	Green

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

⚠ CAUTION



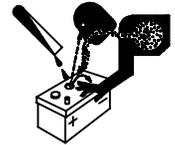
Hot parts can cause personal injury.

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



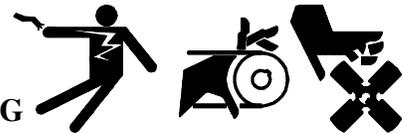
Short circuits can cause bodily injury and/or equipment damage. Do not contact electrical connections with tools or jewelry while adjustments are made. Remove wristwatch, rings, and jewelry that can cause short circuits.



⚠ 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. On single phase units (Kits #256826 & 256827) install rail extensions (254862) to skid. Attach by using bracket extensions (254863) and hardware supplied. See Figure 1, view A–A.
4. Install skid end covers (256956) to skids on each end of generator set. Attach by using only two phil. hex. crimplite screws (X–6216–1) per skid end cover. (Use the bottom location of the end cover).
5. Position bracket (256828) between skids – directly above skid end cover (end cover which is located opposite from Kohler logo decal). Secure using three drill hex screws (X–794–1) into holes provided. See Figure 1 for location.
6. Position sound shield assembly (A–256815 or A–256822) over generator set, aligning holes in sound shield with pre–drilled holes in generator skid. Install the smaller section first.
7. Attach sound shield assembly to generator skid by securing with five H.H. washer drill screws (246397) per side.
8. Reinforce the skid end cover by using two phil. hex. crimplite screws (X–6216–1) per end cover. (Use the top location of the end cover).
9. Finish securing the sound shield to the skid by using two H.H. washer drill screws (246397) to each end, and three H.H. washer drill screws (246397) to the bracket (256828) installed in Step 5.
10. Check that the controller master switch is in the OFF position. Reconnect battery, negative lead last.
11. Move controller master switch to normal operating position.

Parts Listing

Qty.	Description	Common Parts	Kit Number			
			256826	256827	256874	256875
1	Sound Shield Assembly		A-256815		A-256815	
1	Sound Shield Assembly			A-256822		A-256822
2	Cover, Skid End	256956				
1	Bracket	256828				
8	Screw, Phil Hex Crimptite	X-6216-1				
17	Screw, H.H. Washer Drill	246397*				
3	Screw, Drill Hex.	X-794-1				
2	Rail, Extension		254862	254862		
2	Bracket, Extension Rail		254863	254863		
8	Nut Elastic Stop 5/16-18		X-101-16	X-101-16		
8	Screw, H.C. 5/16-18 x 1		X-125-5	X-125-5		
4	Washer, Plain 11/32 x 3/4 x 16		X-25-85	X-25-85		
2	Latch	226310**				

NOTE: *May have to use a black phosphate coated washer along with this screw if the screw does not contain a captive washer.
 **Preassembled into sound shield door.

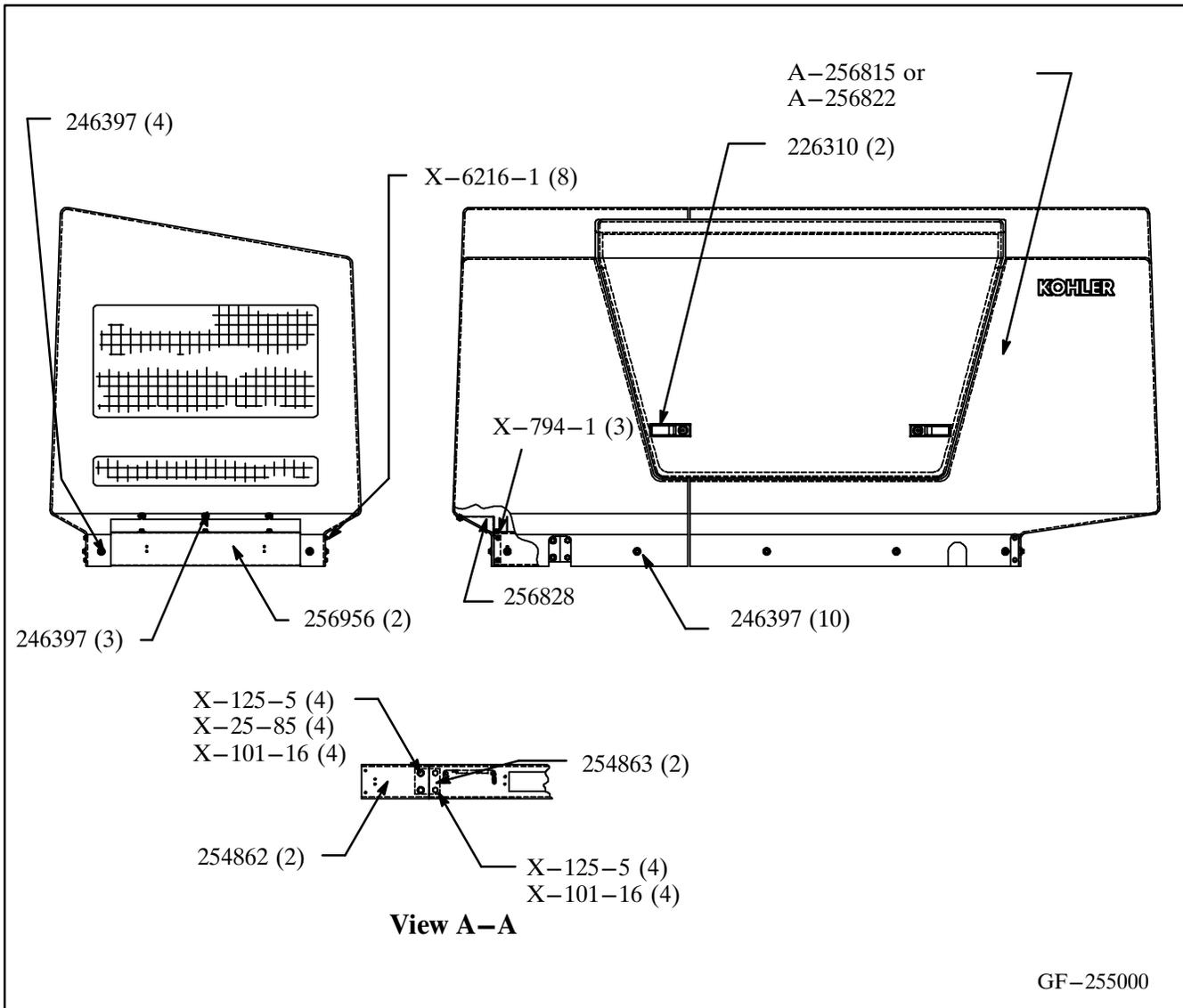


Figure 1. Sound Shield Assembly Drawing

GF-255000