
INSTALLATION INSTRUCTIONS

Original Issue Date: 4/14

Model: **20RESB**

Market: **Residential/Light Commercial**

Subject: **Intake Air Replacement Assembly GM92511-KP1-QS**

Introduction

The air intake duct in this kit replaces the straight air intake duct that was used on a small number of Model 20RESB generator sets. If your generator set is equipped with the original straight intake duct shown in Figure 1, replace it with this kit.

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.

See Figure 1 for the original and updated intake ducts installed on the generator set.

Tools required:

- Phillips head screwdriver
- Straight blade screwdriver
- Socket wrench and 10 mm socket

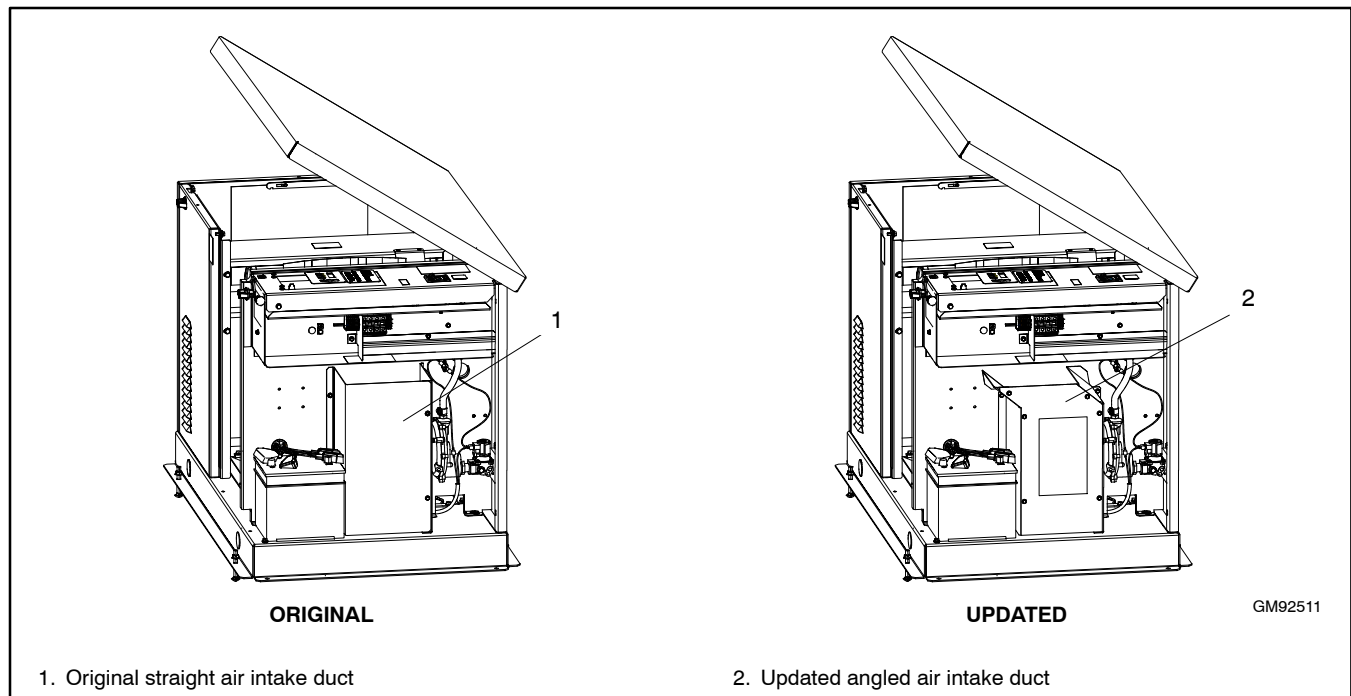
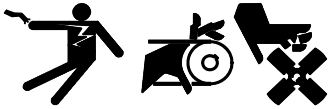


Figure 1 Original and Updated Air Intake Ducts

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 equipment connected to the set, disable the generator set as follows: (1) Press the generator set off/reset button to shut down the generator set. (2) Disconnect the power to the battery charger, if equipped. (3) Remove the battery cables, negative (-) lead first. Reconnect the negative (-) lead last when reconnecting the battery. Follow these precautions to prevent the starting of the generator set by the remote start/stop switch.

Installation Procedure

1. Open the enclosure roof and secure it with the roof stay on the left side of the enclosure.
2. Press the OFF button on the generator set controller.
3. Utility power is connected to the generator set for the built-in battery charger. Disconnect the utility power by opening (turning OFF) the corresponding circuit breaker at the building's distribution panel.
4. Remove the service door from the right side of the enclosure by removing the plug and two screws. See Figure 2. Lift the door up and off.

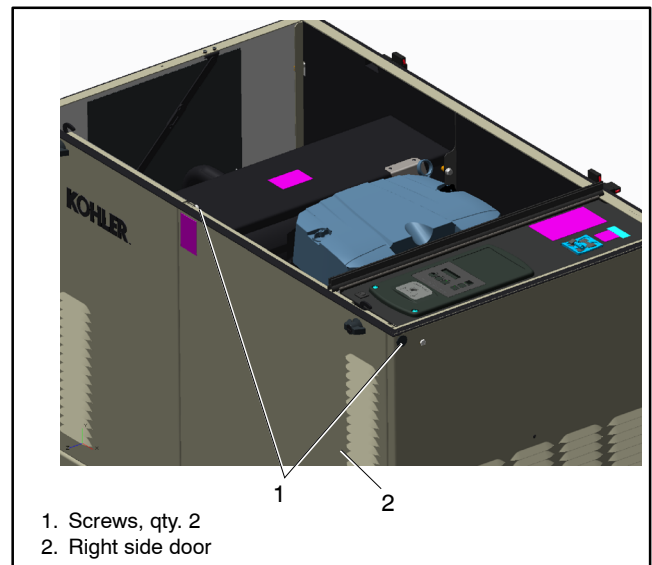


Figure 2 Removing the Service Door

5. Remove the front panel by removing four screws shown in Figure 3.
6. Disconnect the generator set engine starting battery(ies), negative (-) lead first.

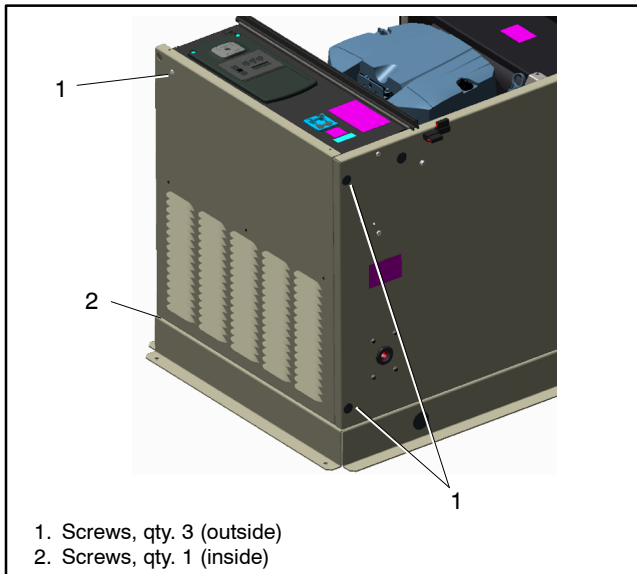


Figure 3 Removing the Front Panel

7. Remove two screws that secure the fuel regulator to the side of the air intake duct. Save the screws.
8. Remove the four screws (X-6216-1) that attach the duct assembly to the bulkhead. Save these screws to attach the new duct assembly.
9. Remove and save the two screws (X-6216-1) from the air intake duct panels.
10. Assemble the new air intake duct. Use screws (X-6216-1) provided with the kit and the screws saved in steps 8 and 9 as needed.
 - a. Use three screws (X-6216-1) to attach cover panel GM92048 to fuel regulator mounting panel GM92049. See Figure 4.
 - b. Use three screws (X-6216-1) to attach duct panel GM92050 to the cover panel.
 - c. Attach decals 249808, GM29924, and GM47407 as shown in Figure 1.
11. Use four screws (X-6216-1) to attach the new duct assembly to the bulkhead.
12. Use the two screws that were saved in step 7 to secure the fuel regulator to the new duct assembly.

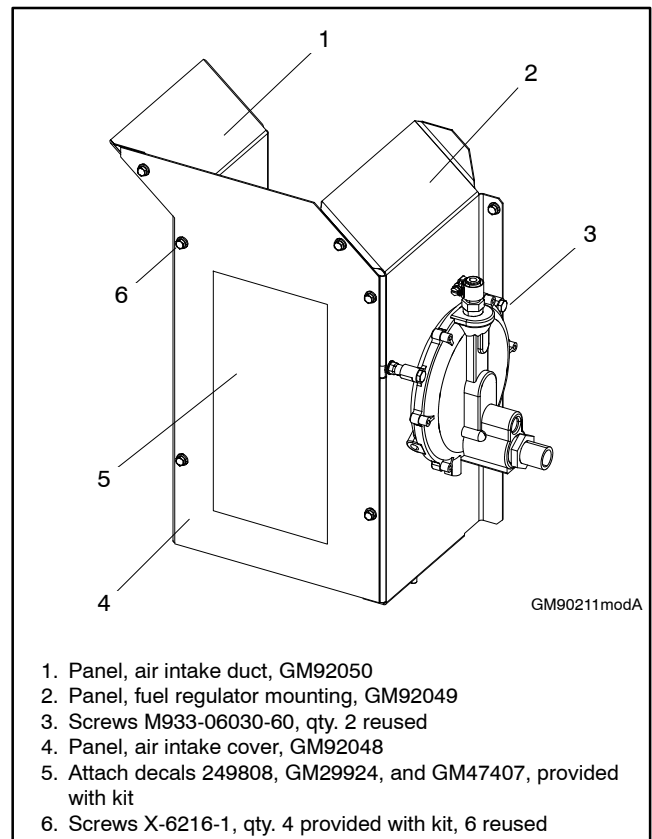


Figure 4 Air Intake Duct Assembly

13. Reconnect the generator set engine starting battery, negative (-) lead last.
14. Press the OFF button on the generator set controller.
15. Reinstall the front panel onto the enclosure.
16. Reinstall the enclosure door.
17. Reconnect utility power to the generator set by closing the circuit breaker in the distribution panel.
18. Press AUTO on the generator set controller.
19. Close and lock the enclosure roof.

Parts List

Intake Air Replacement Assembly

Kit: GM92511-KP1-QS		
Qty.	Description	Part Number
1	Decal, warning rotating parts	249808
1	Decal, notice, fuel connection	GM29924
1	Decal, fuel type	GM47407
1	Panel, air intake cover	GM92048
1	Panel, fuel regulator mtg	GM92049
1	Panel, air intake duct	GM92050
4	Screw, Phillips hex crimpitite	X-6216-1
1	Installation Instructions	TT-1630

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