



015-14324

*“Setting the World’s
Performance Standards”*

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Ski-Doo Intake Kit P/N 14-324

- 14- Plastic Rivets (p/n 14-223)
- 2- Rivet Washers (p/n 090-44)
- 16” Foam Seal (p/n 999-1248)
- 1- Silicone tube (p/n 14-64)
- 1- Intake Plenum (p/n 14-3242)
- 1-Powder Valve (p/n 14-147)
- 1- Intake Filter (p/n 14-3241)
- 1- 5” Rubber Seal (p/n 14-3243)

Installation Instructions

Step 1 - Remove left hand side panel and air box.

Step 2 - Cut out the template provided and tape them to the left side of the air box (see illustration #1). Then mark around the inside of the template.

Step 3 - Carefully cut out the inside of the marked area using a dremel tool with a drywall bit and finish with a drum sander or file.

Note: Make sure the Powder Valve sits flush on the air box with the spring towards the inside.

Step 4 - Using the provided silicone seal the outside edges of the rib in the air box (see illustration #2).

Step 5 - Using Powder Valve as a guide drill out the six holes using a 3/16” drill bit. On the top outside, rivet on the Powder Valve by placing a rivet washer on the outside of the Powder Valve (see illustration #3) and rivet into place.

Note: Check the Powder Valve’s range of motion, if any of the rivets interfere with the valve they will need to be trimmed.

Caution: Remove all plastic shavings from the air box or severe engine damage may occur.



Step 6 - Align intake plenum over Powder Valve (see illustration #4) using the plenum as a guide drill the three holes and rivet into place. Use the provided silicone to seal around the outside of the plenum to the air box and let it air dry.

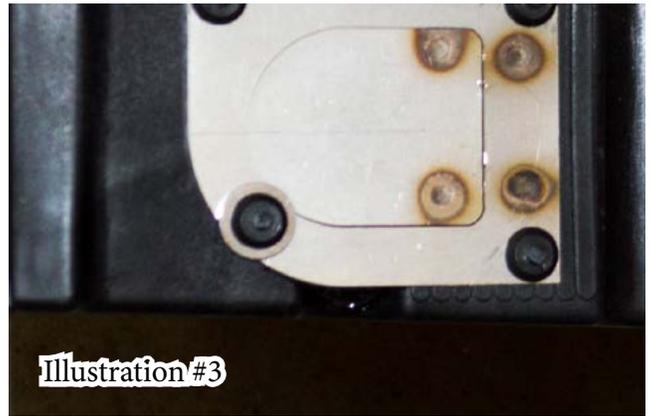


Illustration #3

Step 7 - Cut out the provided Prefiltered Intake Vent template and place onto the lower rear of the side panel. (see illustration #5) Mark around the inside of the template and cut out the hole.



Illustration #4

Step 8 - Install air box and side panel back onto the snowmobile. Using the provided foam seal, seal the inside of the side panel so that it seals to the air plenum intake hole. (see illustration #6 & #7)

Step 9 - Install Prefiltered Intake Intake Vent over the intake hole. Using the hole as a guide, drill out the five holes and rivet into place. (see illustration #8)

Step 10 - Install 5" rubber seal along bottom edge of side panel. (see illustration #8)



Illustration #7



Illustration #5



Illustration #8



Illustration #6

