

Kewlmetal Performance Air Intake for the Can-Am Spyder – Installation Instructions

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The first thing is to remove the stock air box. Raise the seat and remove the left and right and upper central body panels. This will require a T-30 torx wrench and a small flat blade screwdriver. You will have to open the front trunk as well to access the 2 torx screws on the front of the upper central body panel. Next, open the clamps that hold on the top of the airbox and dis-connect the IAC (Idle Air Control) hose on the right side. Slide the air box top out the RIGHT side of the bike. Now remove the 6 torx screws holding the air box to the throttle body. Remove the crankcase ventilation hose from the left side of the motor. You are going to replace this hose with the one supplied in your new air intake kit. Now remove the entire air box out the RIGHT side of the bike.

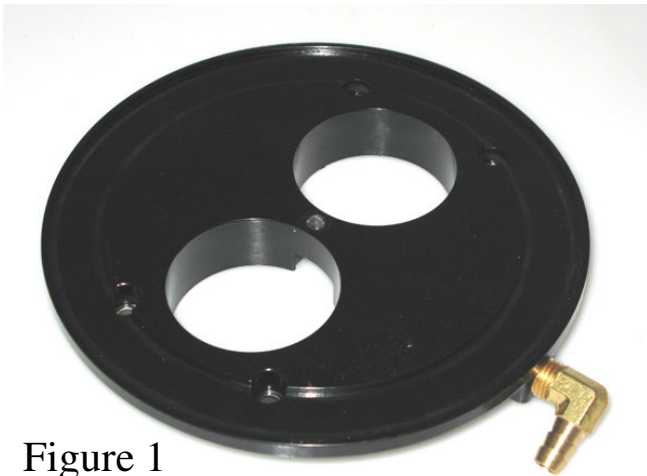


Figure 1

Assemble the 90 degree elbow to the air intake base by screwing the fitting in and using some teflon tape on the pipe threads. Make sure the elbow is pointing as shown in Figure 1.



Figure 2

Secure the intake base to the throttle body using the 4 6mm Socked Head Screws. Use some low strength loctite on the screws. The 90 degree elbow for the Crankcase vent goes on the RIGHT side of the bike and should be pointing back see Figure 2.

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Figure 3

Connect the supplied hose between the crankcase vent on the left rear cylinder head and the 90 degree elbow on your new airbox on the right side. Use the 2 hose clamps supplied. Do not over tighten the hose clamps.



Figure 4

Now install the top plate and filter. Use the 6mm x 60mm hex head bolt and a flat washer to secure the top plate and filter to the base. Put some low strength loctite on the bolt. Do not over tighten the bolt. The easiest way to insert the filter and top plate into the bike is by pre assembling the top plate on the filter and dropping the screw and washer through the hole first, then slide the whole assembly in together from the right side.

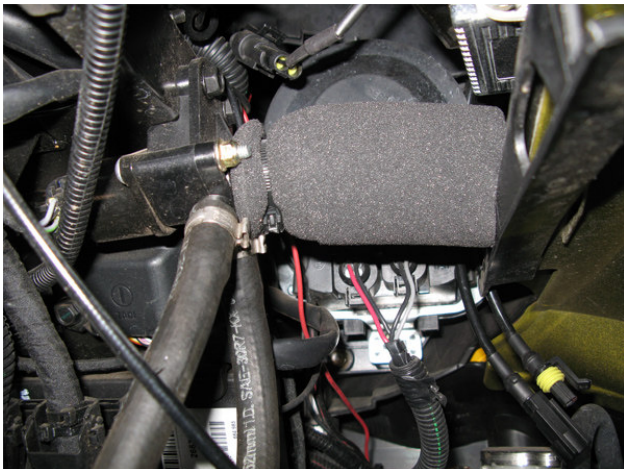


Figure 5

Lastly, install the small foam filter on the IAC (Idle Air Control) fitting. See Figure 5. Use the supplied nylon tie wrap to secure this filter in place.

Now re-install your body panels and go for a ride!