



IMPORTANT

Please read and understand these instructions before you begin. Everything you need for a complete installation is included.

This is a lightweight hood/headlight delete kit which will reduce the weight significantly. If you are in need of a light, you can contact Skinz Protective Gear for lighting options.



For Technical Support:

320-828-7155

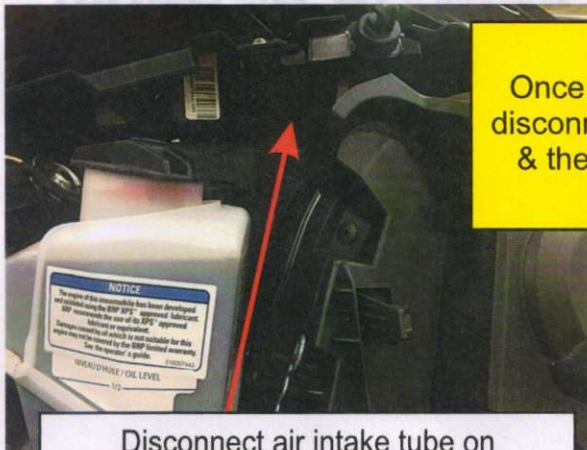
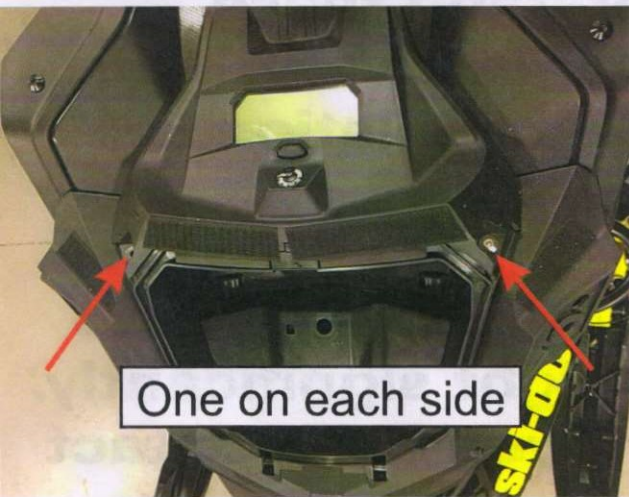
Info@skinzprotectivegear.com



Helium Hood/Headlight Delete Kit Installation Instructions

Ski Doo G4 850 Units
Part #SDHK475-BK / SDHK475-WHT

Remove side panels on machine. Remove windshield. The hood section will need to be removed. Use the pictures below to locate the necessary screws to remove hood.



Disconnect air intake tube on clutch side of machine & remove hood

Note:
Once you have the tray out,
disconnect the headlight plugs
& the mass air sensor plug
under the tray.

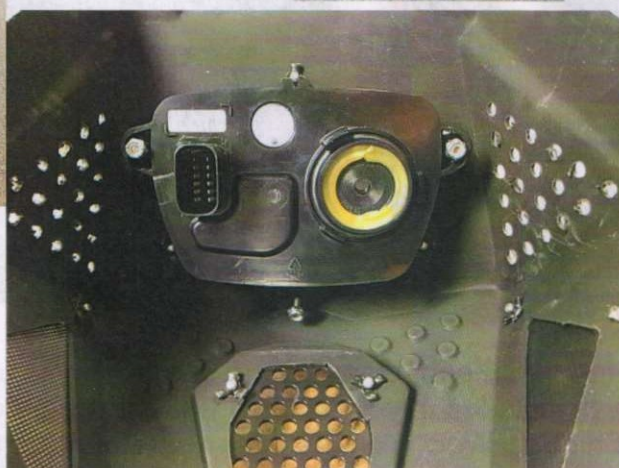
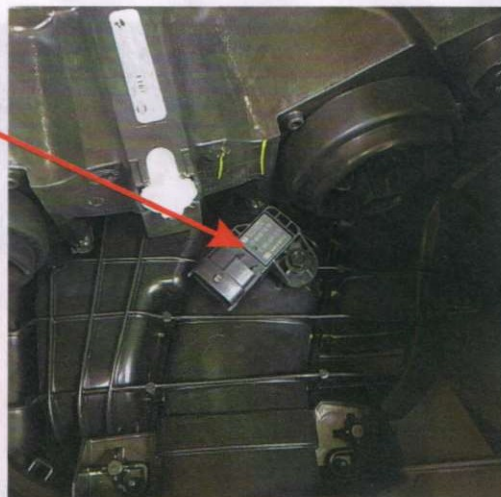


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. Once you have the tray out, you can remove the Air Sensor. This will be used & installed in the new air intake tube later.

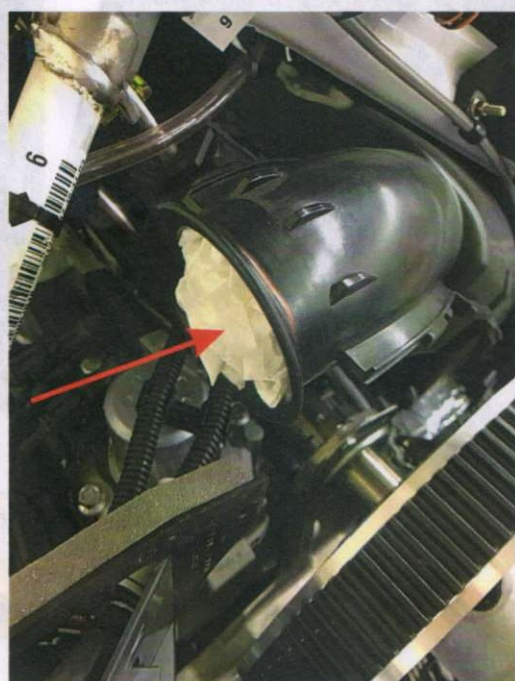
Remove the gauge from the hood and install it in the Helium hood. There are new screws included in your kit to install the gauge in the new hood mount. The holes are pre-drilled in the mounting plate and hood for the gauge. Be Careful when tightening the small screws with the nyloc nuts. If you over tighten them, you will break the tabs on the gauge. Only tighten enough to secure the gauge. You will need to hold the nylon nut with a needle nose pliers.

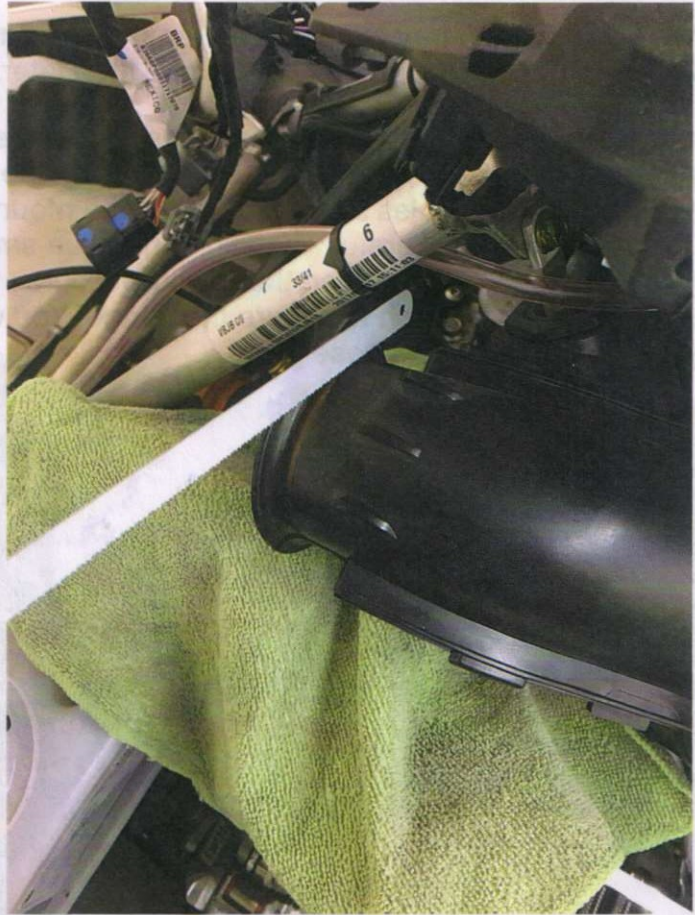


Next, you will need to prepare the inlet of the intake for the new hose. Stuff a towel or rag in the inlet of the air intake box. Place a rag or towel over the clutch and engine area to catch debris as shown. Remove the OEM rubber adapter. Mark the intake tube as shown to cut only the flare off. Use the blade of a hacksaw and cut the flared end off the intake as shown. Do Not cut more than just the flare.

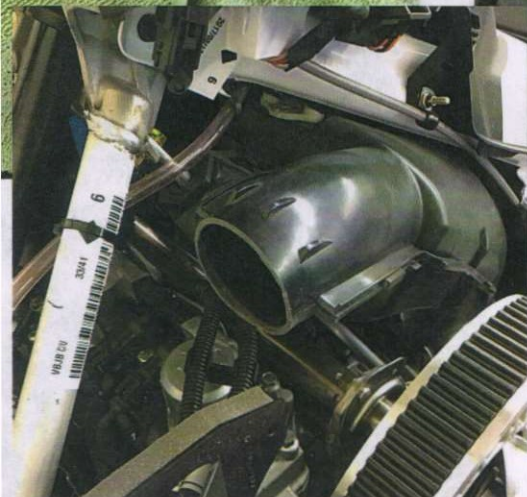
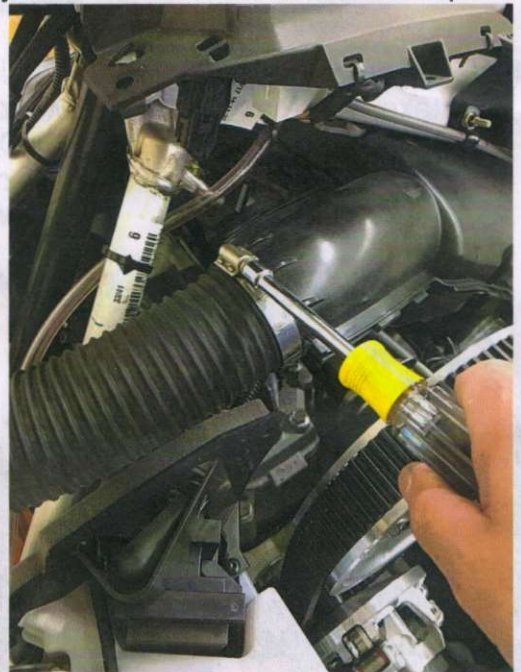
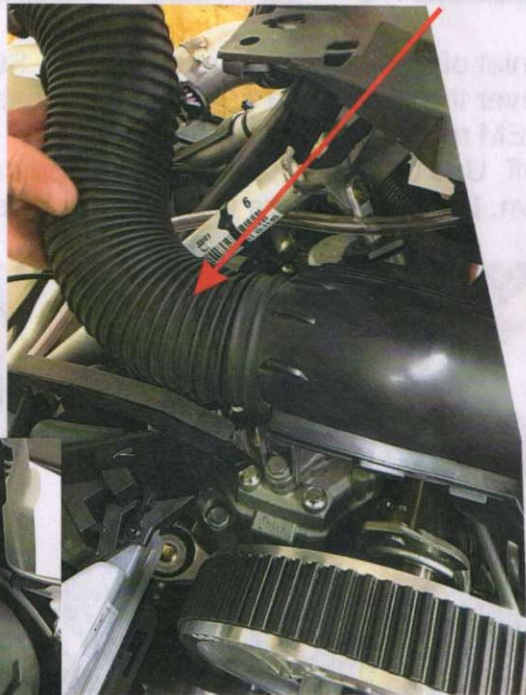
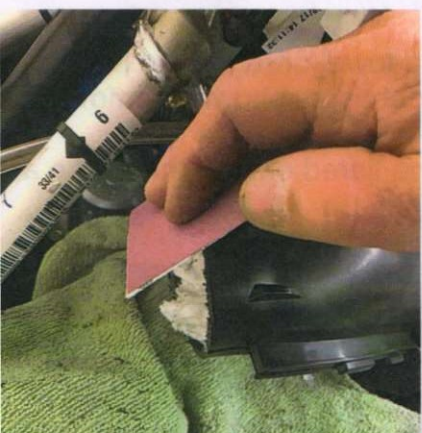


Remove OEM rubber adapter.





5. Once you have carefully cut off the flared end, clean up the edges with sandpaper and remove all burrs and debris. Install the hose that was included in your kit along with the hose clamp. Note: This hose is a tight fit and will go on to provide a nice fit. Work it on the intake carefully and then install the hose clamp.

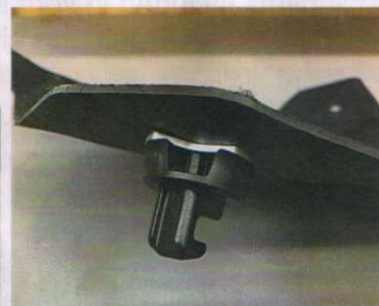
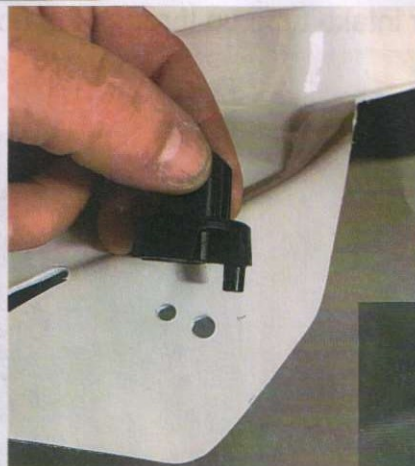
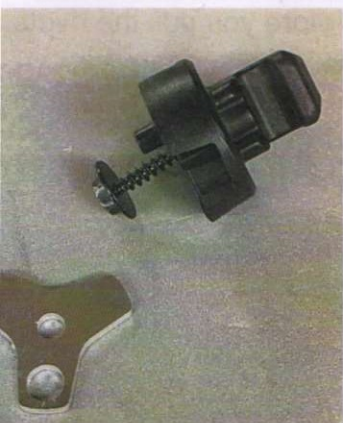


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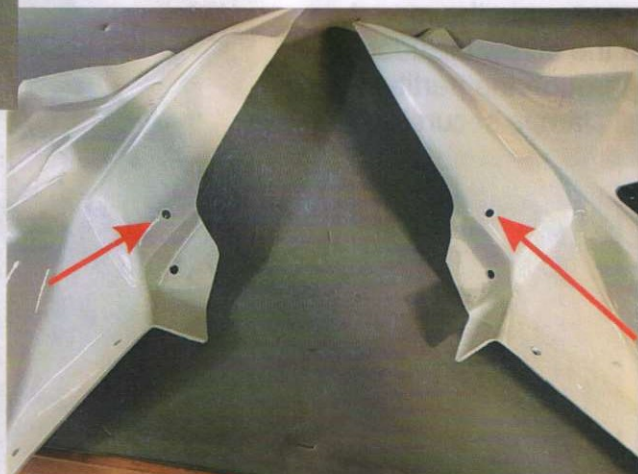
You will need to install the 2 Helium hood side panels. First, remove the latch catches from the OEM hood assembly on each side of the hood. Just unscrew the latch by removing the small screw on the back.



Next, you will install them on the new Helium side panels. You will see the two holes pre-drilled in the panel. A smaller hole and a larger hole drilled next to each other. Place the small aluminum spacer in place on the latch and install it on the panel with the OEM screw.



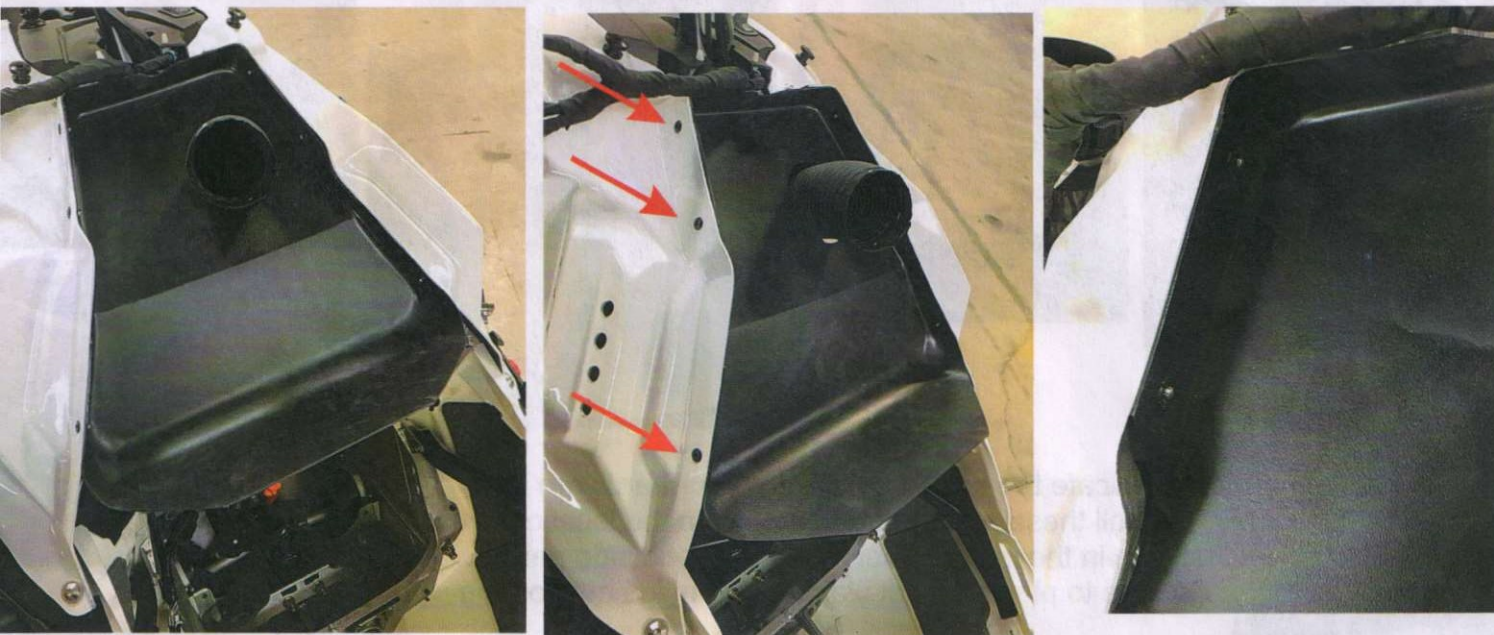
8. Locate the turned catches in your hardware kit. Install these rubber strap catches in the locations shown in the pictures below on the hood side panels. Be sure to place the flat washer and nyloc nuts on the back. Tighten.



9. Place Hood side panels on machine as shown. You will use the OEM fasteners to install the hood side panels. The fastener with the washer on it will be installed in the lower location as shown.



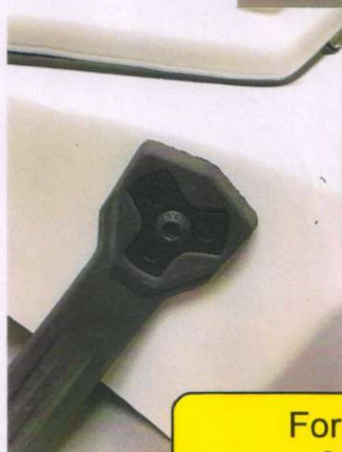
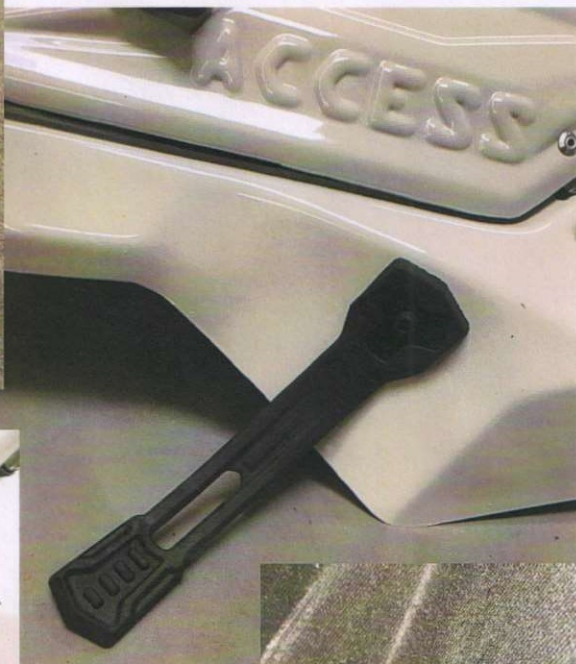
10. Once the hood side panels are installed, you can install the air box partition. The 6 holes are pre-drilled in the hood side panels and the air box partition. Place the partition in position and line up the holes. Install split rivets included in your kit. Be sure you use a clamp to hold the pieces together before you pull the rivets. Route the air intake tube up through the hole in the air box partition as shown.



11. Your kit includes a short tube with a MASS air flow sensor mount and a wire frame pre-filter assembly. Install the air flow sensor in the mount as shown. Use a small amount of medium loctite on the screw included in the kit. Connect the tube to the hose coming up through the partition and install the wire frame filter on the tube. Tighten all clamps securely. Plug the connector into the air sensor.



12. Install the short rubber straps in the location on the hood as shown. Install the long rubber straps on the hood as shown. Note: When tightening the longer straps, only tighten until the nyloc nut gets past the threads on the screw. Tighten so the strap can move back and forth without too much resistance.



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13. Place the hood on the machine. Connect the upper straps to the catches. The lower straps need the catches installed. With the hood in place, stretch the lower strap to get a location on where the catch should be mounted. See pictures. Carefully drill a 1/4" hole and Do Not allow the drill bit to plunge through. Install the catches as shown. You are finished. Make sure all fasteners are tight and secure. After your first ride, go through and check your installation.

