

911 Motorsports LLC

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Plasma Stencil Instructions

Proper safety procedures

- Always wear leather gloves and shielding glasses or welding hood while cutting.
- Be aware of the plasma cut stream and make sure it's directed away from anything flammable.
- Follow plasma cutter manufacturer instructions.

How to use the plasma stencil

- Make sure the proper drag shield is installed on your plasma torch.
- Clamp or hold plasma stencil on material to be cut.
- Start cut by piercing through material. Stop. Clean any slag on top of material or on plasma stencil. Finish making the cut using the plasma stencil to guide your torch.
- When making multiple cuts, pierce through and clean all cuts, then use the plasma stencil.

Tips and tricks

- Make your first cuts from the back side of the template. That way if you jump off the plasma stencil, you aren't cutting on the labeled side.
- Use both hands whenever possible to guide plasma torch.
- Make two cuts for one hole. Start away from you and draw the plasma torch to you, then repeat for the second half.
- Keep a pick handy to remove any slag and use post-cut air to blow away from stencil.
- Practice makes perfect, the more cuts you make, the better they will become.

- Use the outside of circle and square stencils for bonus cutting guides.
 - .380" - 2" larger outside cut than indicated
 - .430" - 2" larger outside cut than indicated
 - .580" - 2 ¼" larger outside cut than indicated

Care and storage

- Plasma stencils are bare steel and will rust if left around excessive moisture
- Periodically oil** or spray with anti-spatter spray (found at local welding store)
- If stencil is accidentally cut, it can be welded up and sanded back to original shape.

Thank you for your business!

Let us know how the Plasma Stencils work for you on Facebook, Instagram and YouTube.