How to assemble an edge-lit sign using a **Sign Lighting Australia** supplied lighting unit

Sign Lighting Australia

- How to assemble an Edge Lit Sign with vinyl applied artwork

Step #1

- Lightly sand all edges of the acrylic blade

Step #2

- Flame / buff polish edge next to light source

Step #3

- Apply black felt buffer at illuminated edge

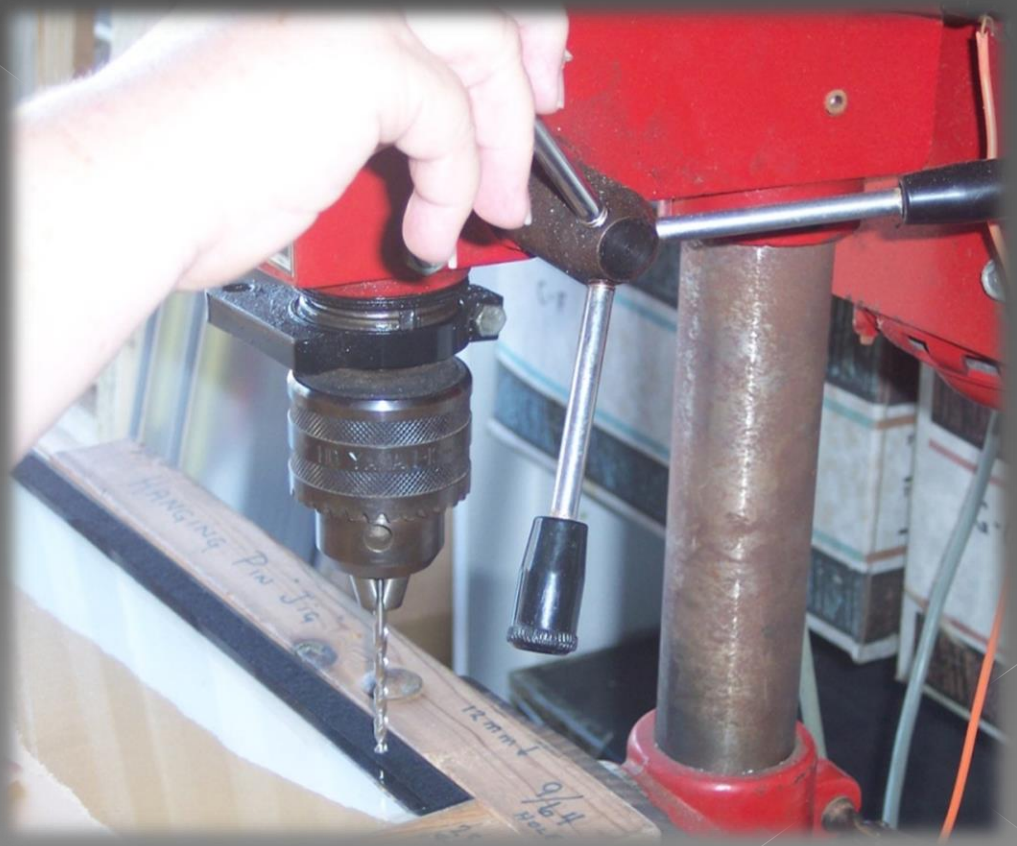
Step #4

- Drill 2 x holes (3.5mm diameter bit) for pins that will secure the acrylic blade inside the extrusion - centred from the polished edge –

- Std Extrusion:
- **- 28mm in**

- Mini Extrusion:
- **- 14mm in**

- Round Extrusion:
- **- 31mm in**

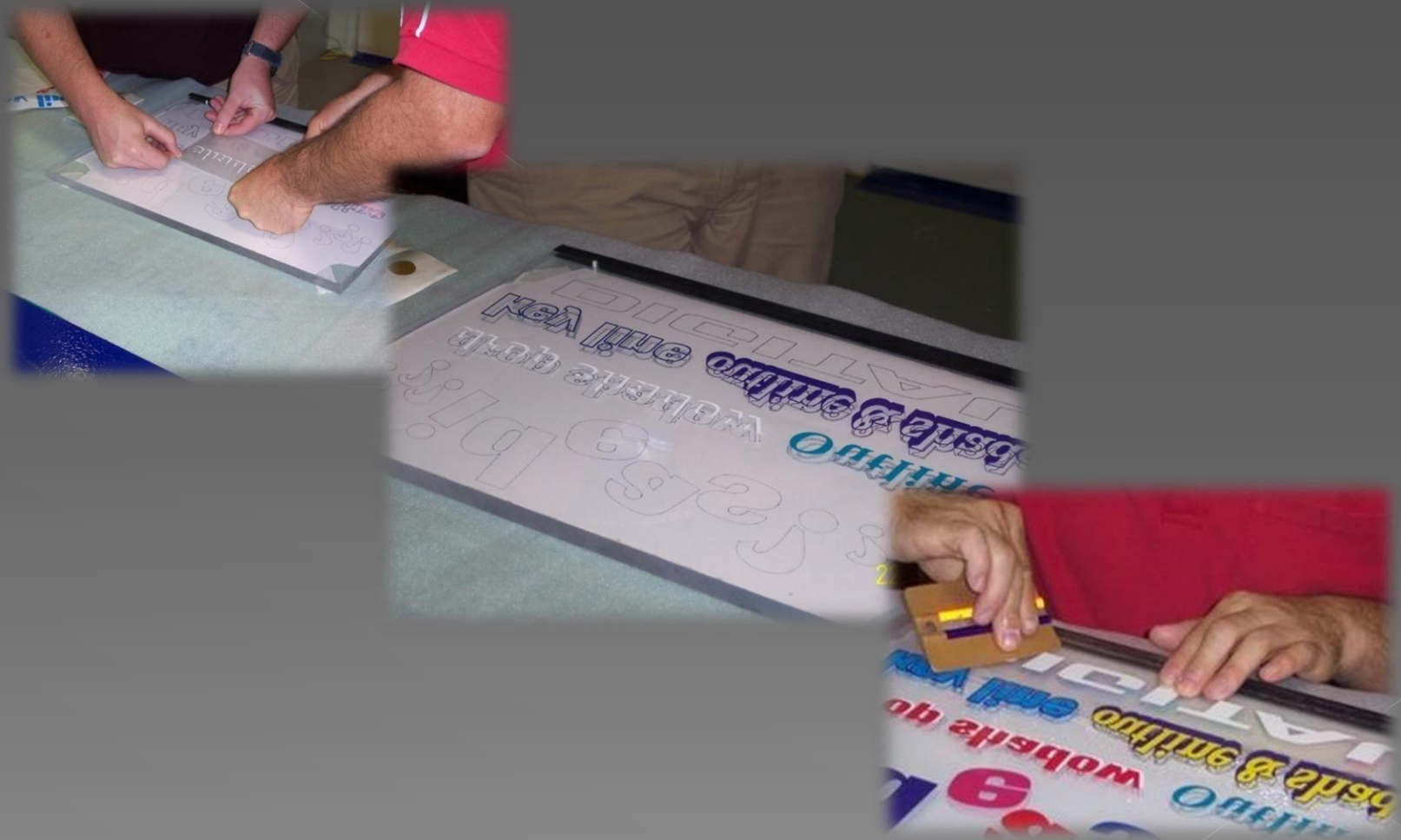


Step #5

- Strip safety sheet, remove adhesive residue with a vinyl prep solution to save time at final clean

Step #6

- Apply any vinyl graphics in “reverse”

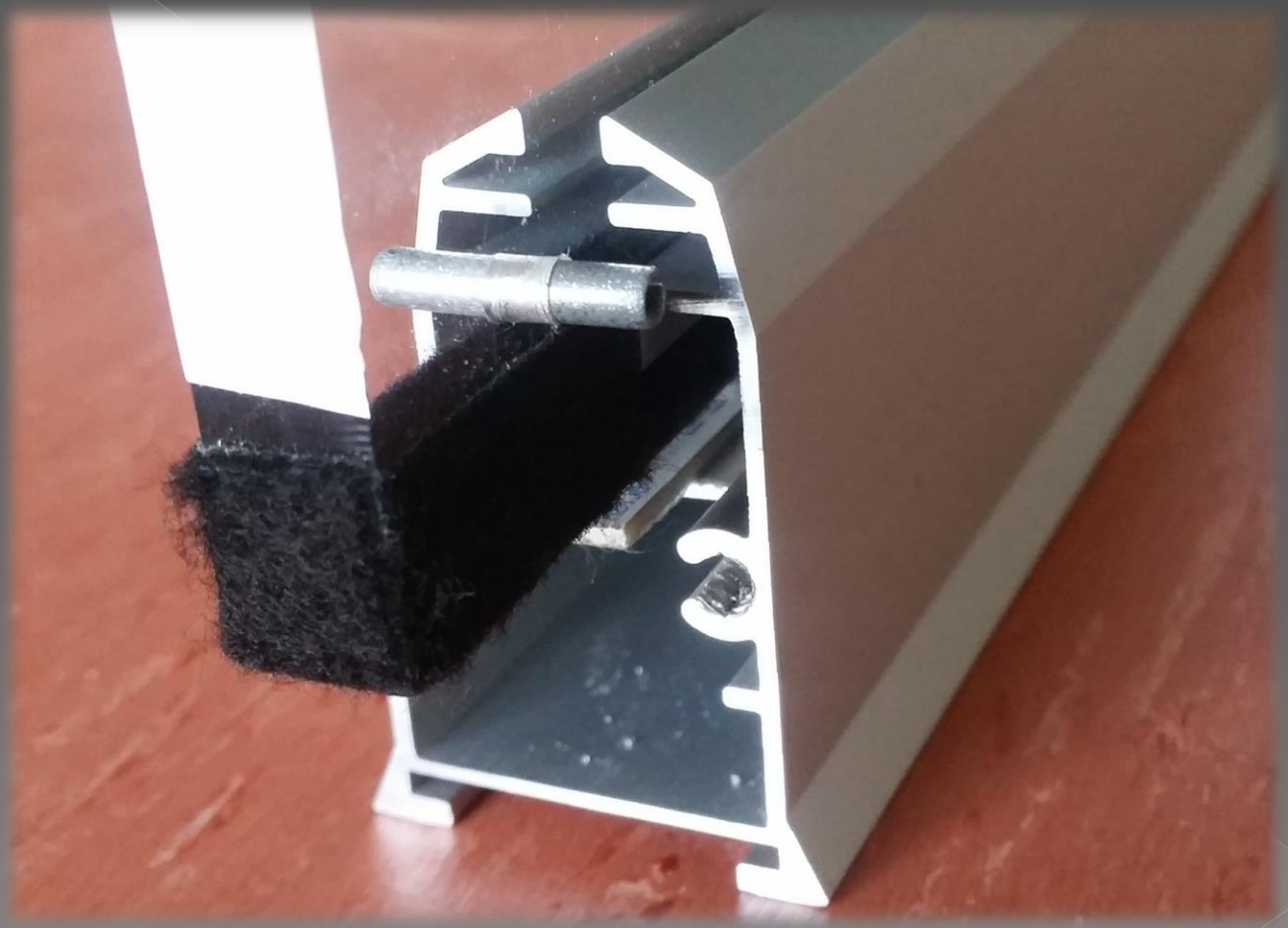


Step #7

- Apply white vinyl around 3 edges of acrylic to reflect light source back into acrylic

Step #8

- Insert blade into light fixture

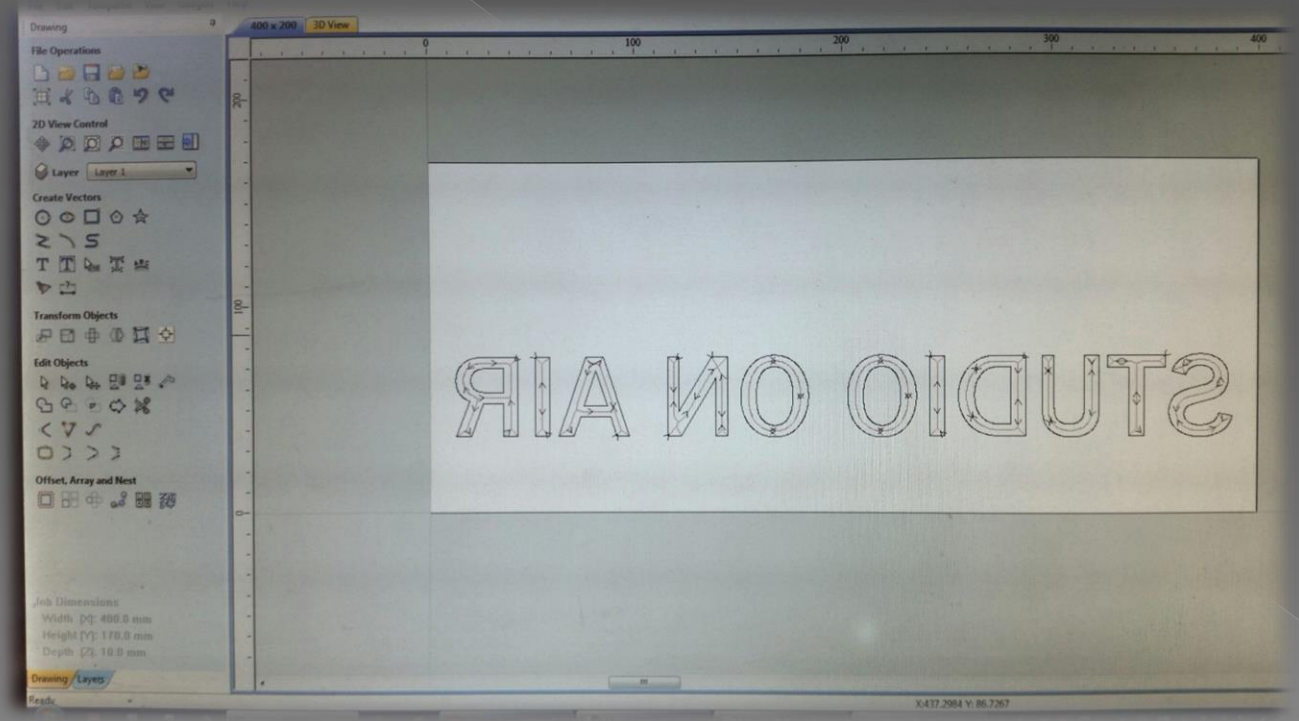


Sign Lighting Australia

- How to assemble an “ENGRAVED” Edge Lit Sign

Step #1 - Engraved

- Prepare artwork, and cut or Laser etch in reverse on back side of acrylic



Step #2 – "Engraved"

Complete all machining

Step #3 – "Engraved"

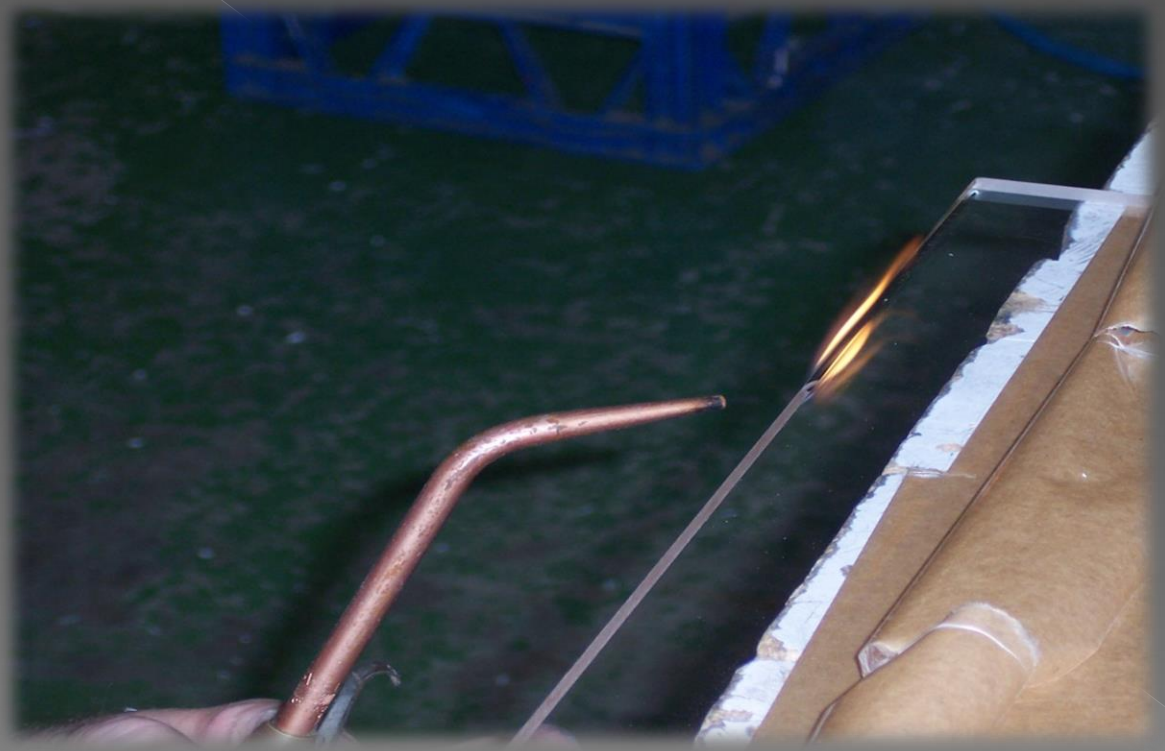
- Engrave design

Step #4 – "Engraved"

- Lightly sand all edges

Step #5 – "Engraved"

- Flame / Buff polish edge next to light source



Step #6 – "Engraved"

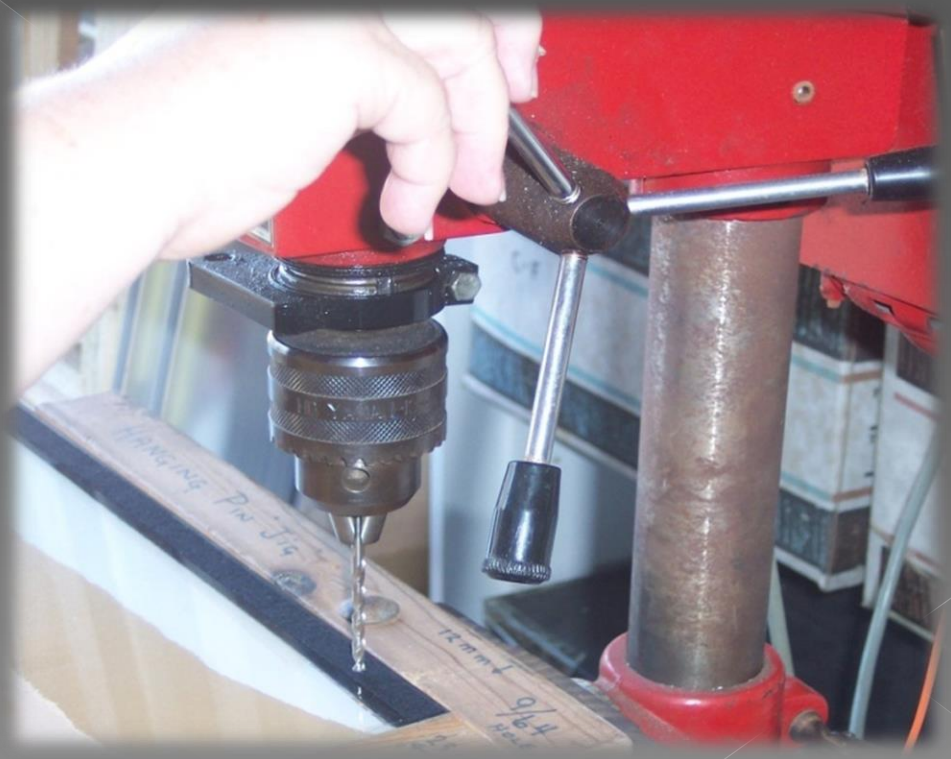
- Apply black buffer felt at illuminated edge

Step #7 – "Engraved"

- Drill 2 x holes (3.5mm diameter bit) for pins that will secure the acrylic blade inside the extrusion centred from the polished edge –
- Std Extrusion:
- **- 28mm in**

- Mini Extrusion:
- **- 14mm in**

- Round Extrusion:
- **- 31mm in**

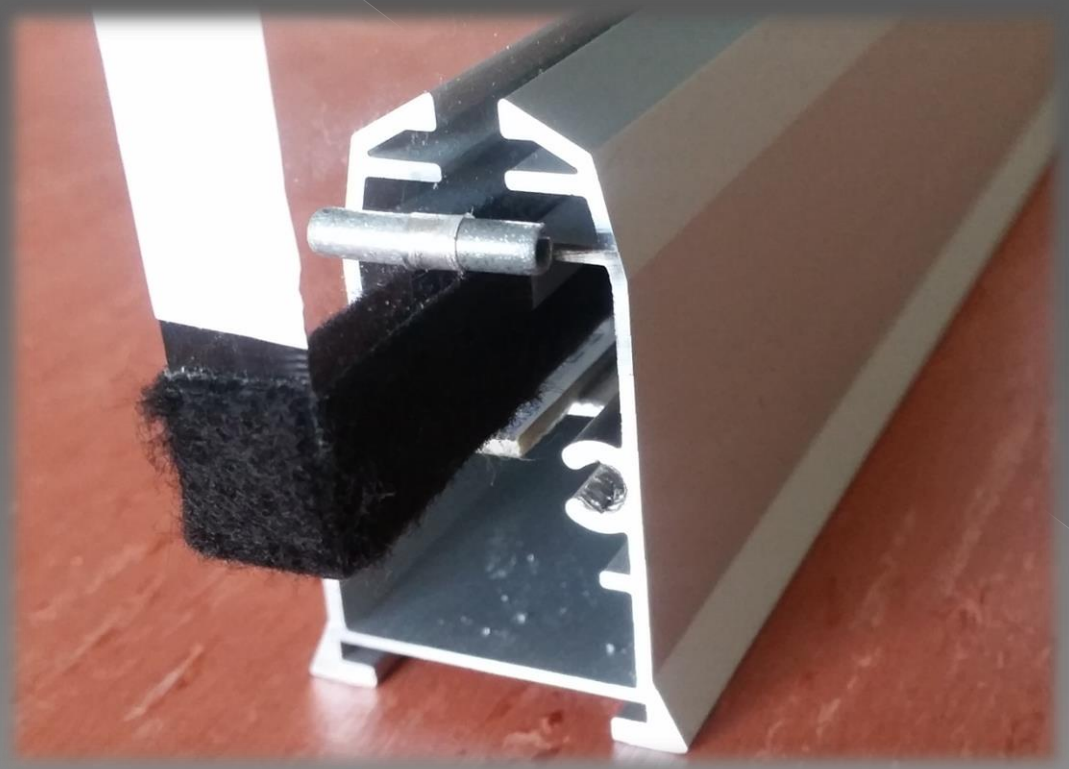


Step #8 – "Engraved"

- Strip safety sheet, remove adhesive residue with a vinyl prep solution and clean with Sasign Acrylic Cleaner

Step #9 – "Engraved"

- Apply white tape to unlit edges
- Insert Acrylic blade into lighting Unit



CLEANING PRODUCTS

- Sasign acrylic polish – repairs
- DeSolvIt - removes adhesive residue

Where to get more information

- Sign Lighting Australia
- 158 Lae Drive
- Coombabah, Qld 4216
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- Email: sales@signlighting.com.au
- www.signlighting.com.au