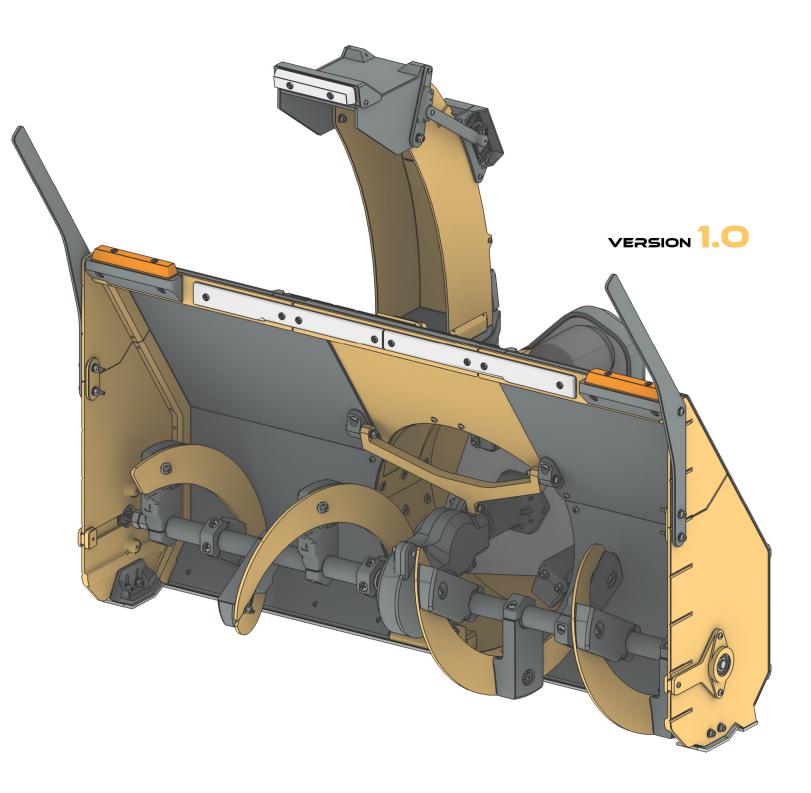
SPYKER WORKSHOP



2X2 SNOW BLOWER

Designed by Moo Spyker (Ryan Butler)

INTRODUCTION

Thank you for your purchase of your very own 3d printed snow blower! This machine can be a lot of fun but always keep in mind how dangerous it is.

- NEVER stick your hands inside the machine while it is still plugged in. UNPLUG IT!
- DO NOT aim the shoot towards anyone while in operation.

Please use common sense when operating this machine, treat it like you would a full sized snow blower! Spyker Workshop is not responsible for any harm caused from the use of this machine.

You can follow along with this instruction manual on our YouTube video build series. Find the video here: www.youtube.com/user/thegreatestmoo

See OPERATION and ELECTRONICS on the next page for setup and blower use.

SOME OF THE ITEMS REQUIRED

See the **HARDWARE** page at the back of this manual to see all the hardware you need to complete the assembly of this kit.

You also need the following:

- Dremel + Disk (To grind/cut some parts)
- Metal Saw (To cut some parts)
- Grease (For worm gear drive)
- Threadlock (For set screws, removeable type)
- Common household tools (Philips screw driver, pliers, wrench, etc.)
- Sandpaper / File (Some parts may require additional work to fit together properly)

ELECTRONICS

- 6 channel radio or more
- Servo modified for continuous rotation (You must modify the servo)
- Servo for lifting blower up and down
- Ampflow E30-400-24 Sized brushed motor / 6384 Brushless Motor (or similar size)
- Speed controller

MOUNT

- Spyker 2X KAT to power this
- Design your own mounting system to connect to other RC vehicles

MANUAL WORKFLOW

This instruction manual has an easy to follow format on each page.

Under each step lists all the hardware needed for the current step.

Most steps have an order to follow

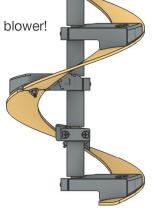
1, **2**, **3**, etc.

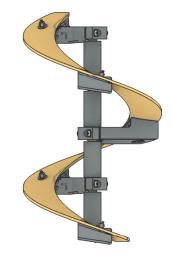
Make sure you read all the text on each step so you don't miss anything!

- Start off by drilling out all your parts
- using the DRILL GUIDE on the back.

STEP 11
END PLATES + SKID SHOES

4-40 x 10° Part (4)
Part (4) Shoes (5)
Part (4)
Part (5)
Part (4)
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Part (4)
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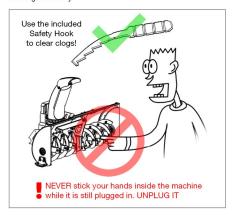
If you get stuck on any part during the build you can email me at spyker.sales@hotmail.com for assistance, have fun!

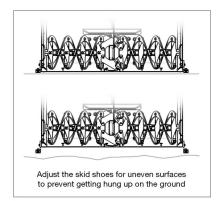
OPERATION HOW TO USE YOUR BLOWER

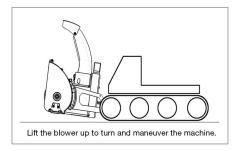
Best used in cold temperatures below 30F (20F is ideal). High humidity will effect the blowers performance (Wet snow).

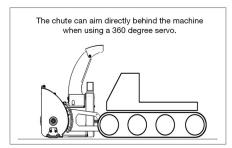
You should place your snow blower outside in the cold several minutes before using it to let it adjust to the temperature. This will help prevent snow from sticking to the machine!

If your machine clogs up, power the machine off and clear the blockage carefully. $\,$

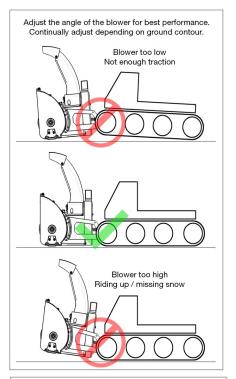


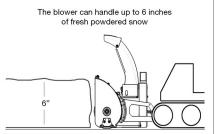






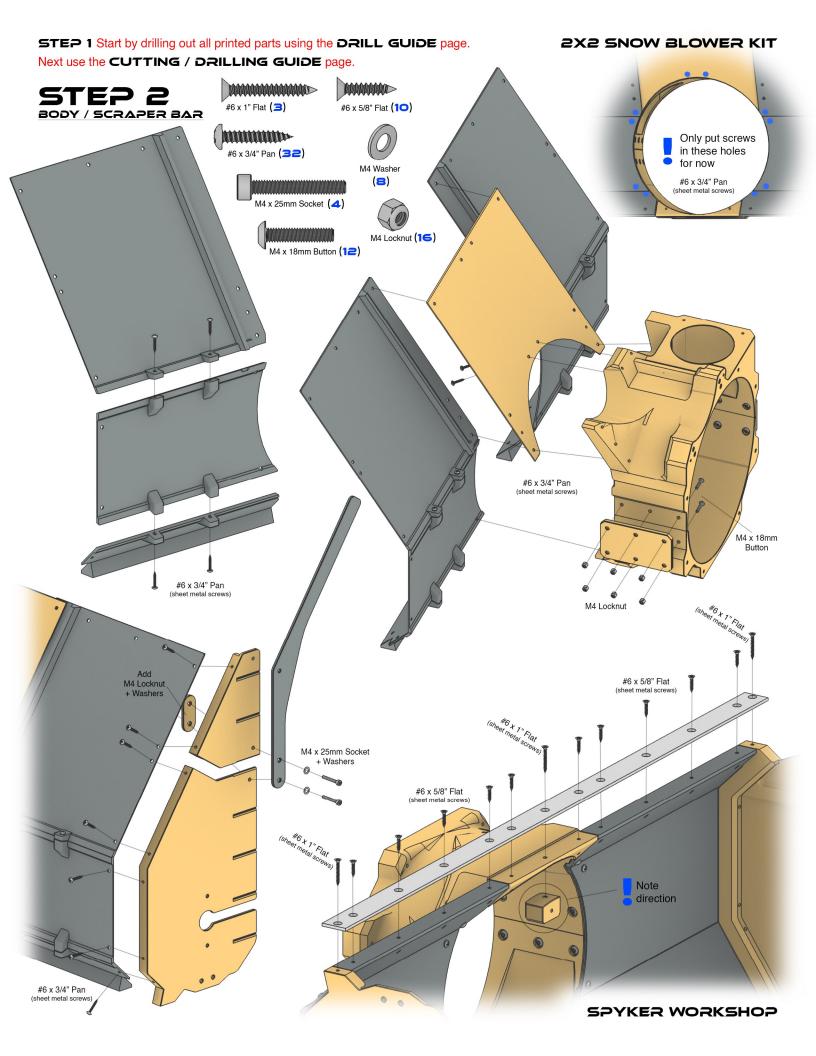
2X2 SNOW BLOWER KIT

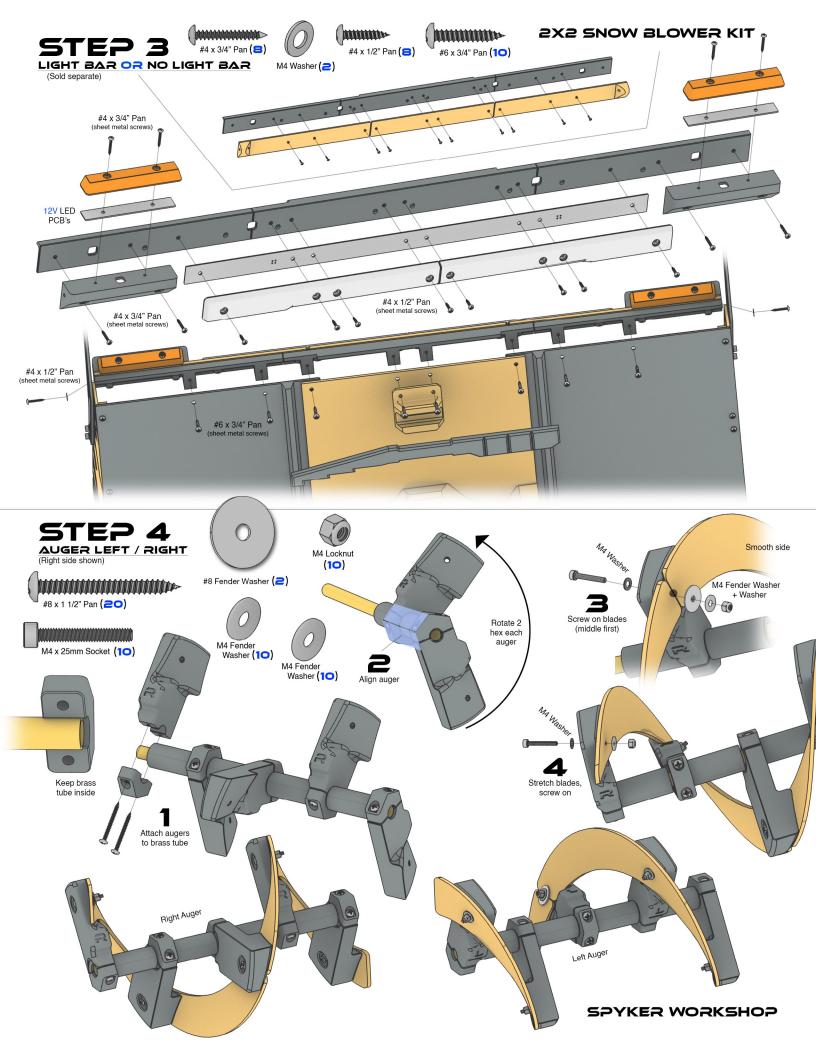


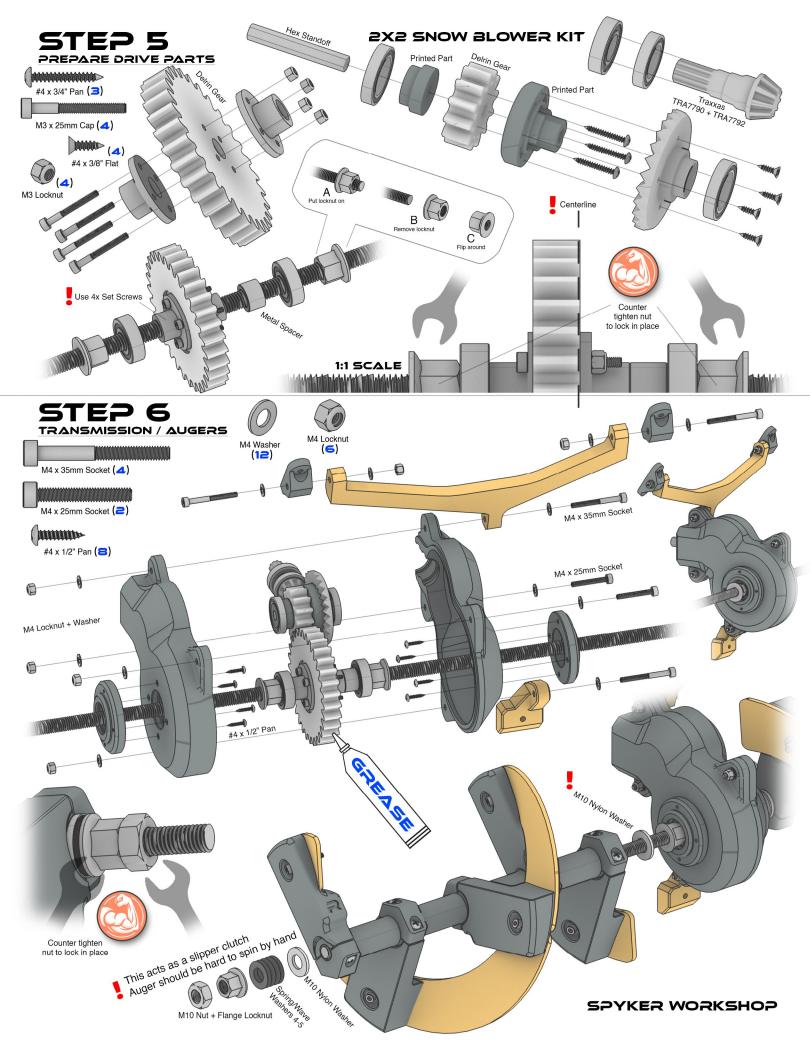


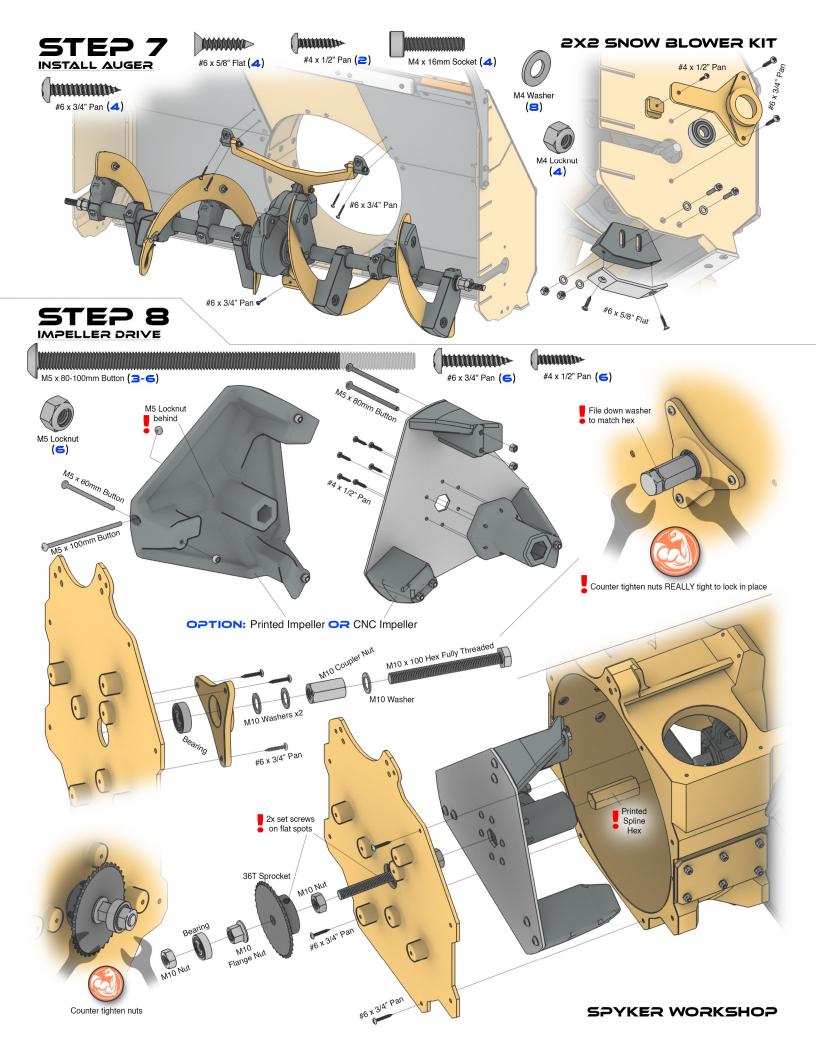
ELECTRONICS

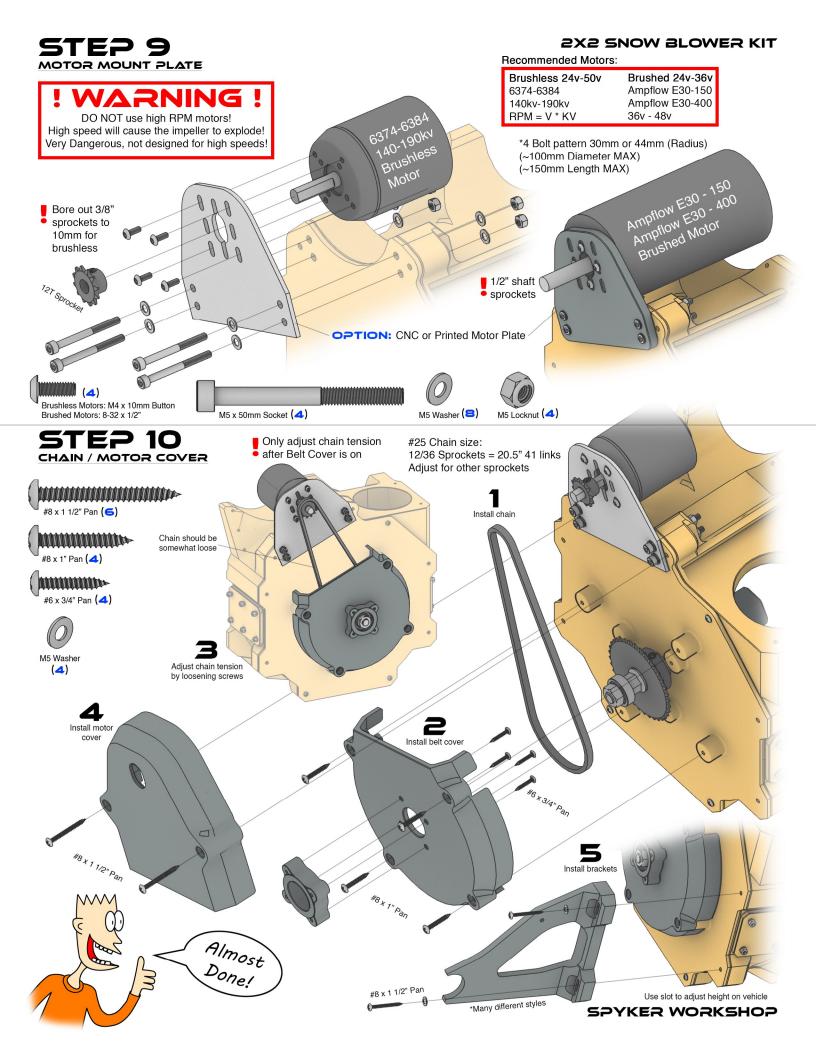
(SEE SEPARATE ELECTRONICS MANUAL)

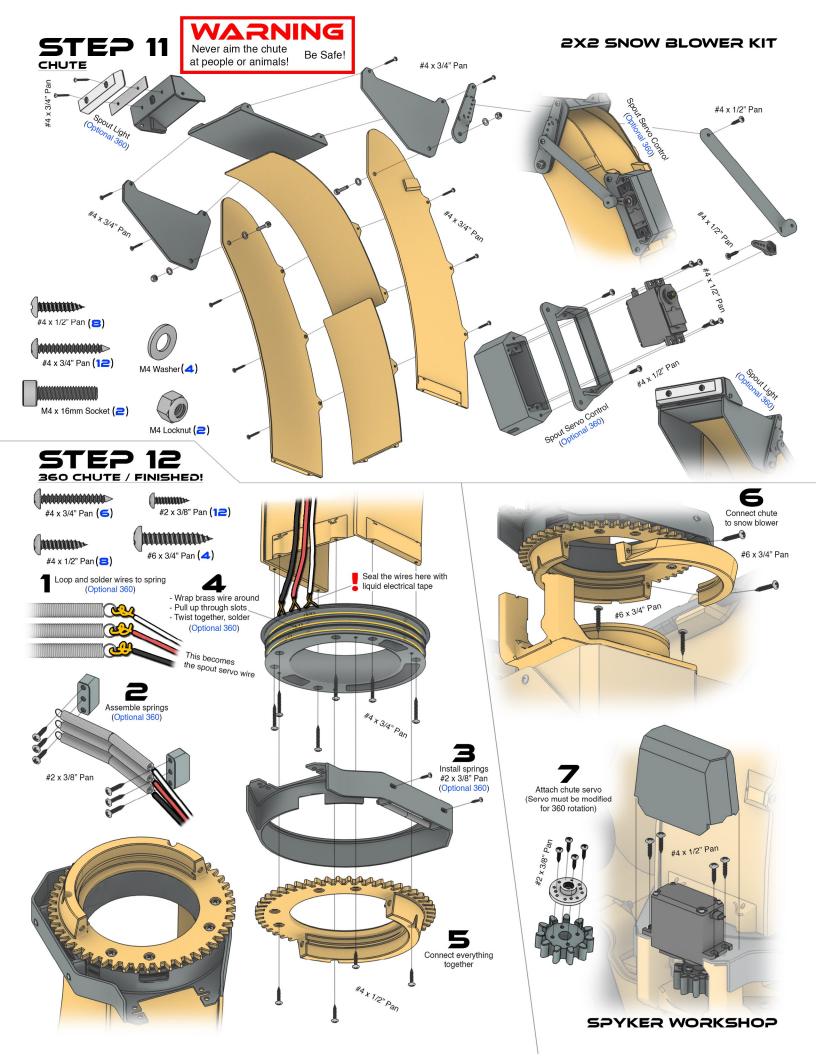


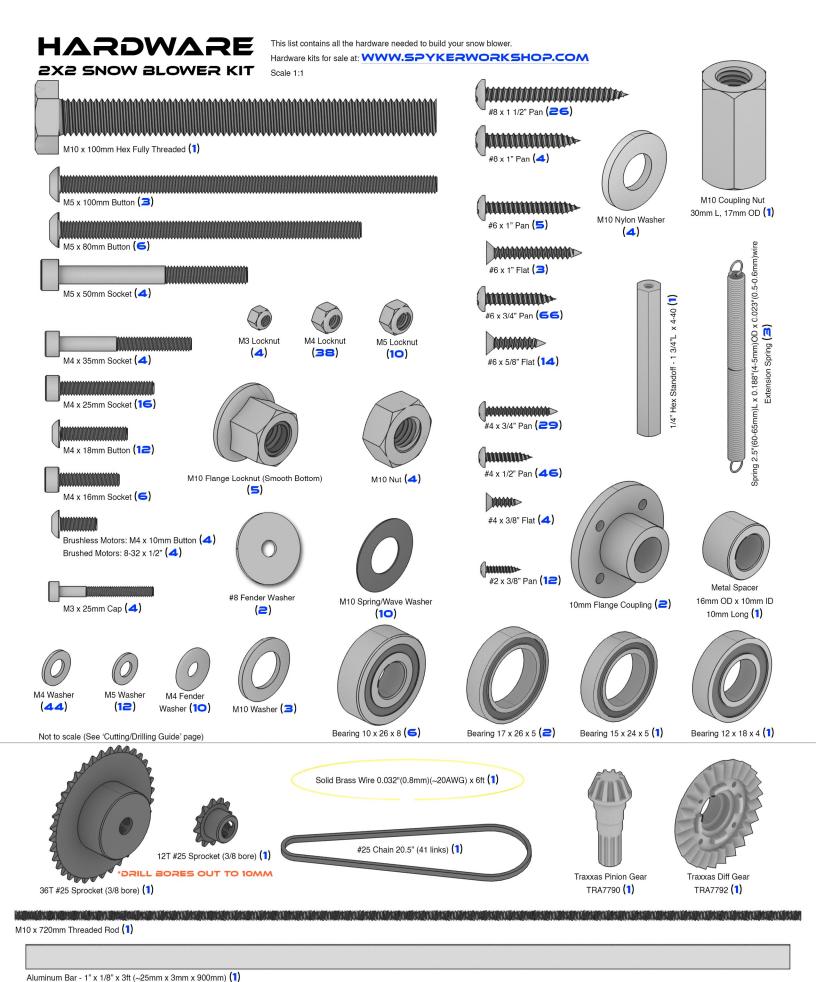












EXE SNOW BLOWER X 0 1" x 1/8" Aluminum Bar (bend ends) 72.6mm $[2\frac{7}{8}$ in] 4x Dremel flat spots (both sides) -126.8mm $[1\frac{1}{16}$ in] 8.5mm $\left[\frac{5}{16}$ in] Measure From Centerline $260 \text{mm} \left[10 \frac{1}{4} \text{in}\right]$ Dremel flat spots (2 if needed) **BUIDE BNITHING/BNILLING BNIDE** 18.5mm $[\frac{3}{4}$ in]- $360 \text{mm} \left[14 \frac{3}{16} \text{in}\right]$ Centerline M10 x 100mm Hex Bolt (Fully Threaded) 12mm OD 10mm ID Brass Tube X2 $55.4 \text{mm} \left[2\frac{3}{16} \text{in}\right]$ M10 Threaded Rod 1:1 SCALE Total Cut Length 720mm [28 $\frac{3}{8}$ in]

