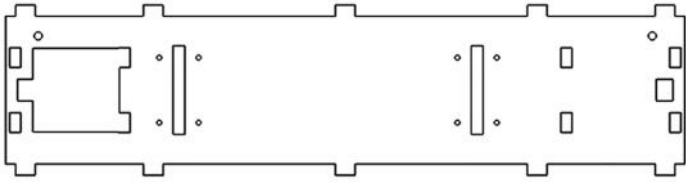
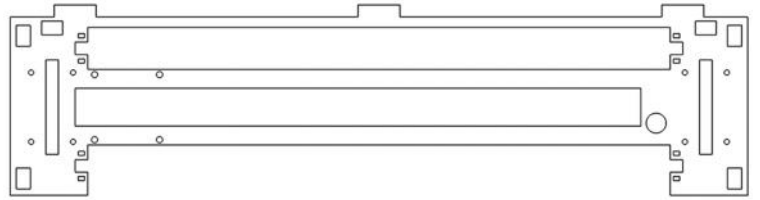


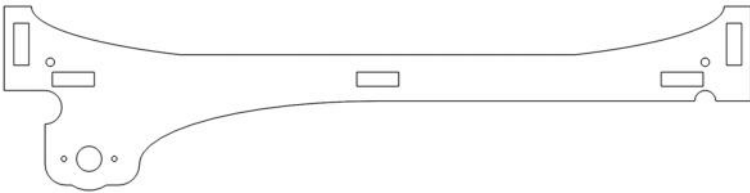
TwoUp Laser Cut Melamine Parts
Fitment is VERY tight and is Intended to Press Fit
Parts NOT Shown to Scale, For Identification Purposes Only



MAINPLATE



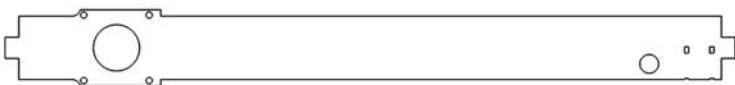
XGANTRY



XTOP



YGANTRY



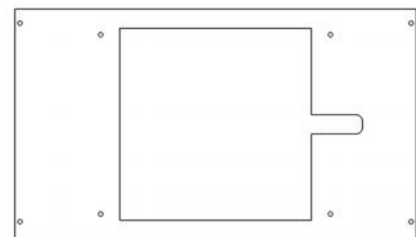
XREARBRACE



Qty 2 SIDEPLATE



PRINTBED (Only Included w/ Non Heated Bed Version)

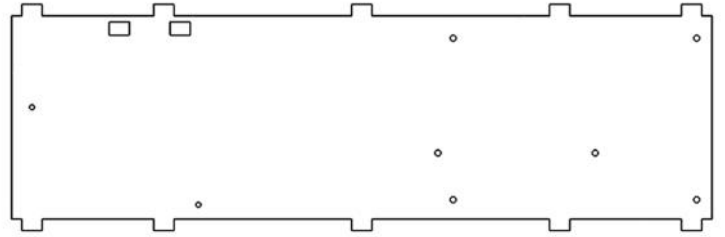


HEATEDPRINTBED (Only Included w/ Heated Bed Version)

TwoUp Laser Cut Melamine Parts Pg. 2
Parts NOT Shown to Scale, For Identification Purposes Only

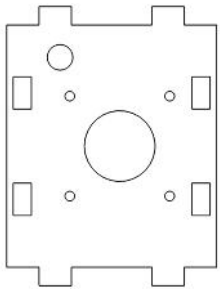


HANDLE

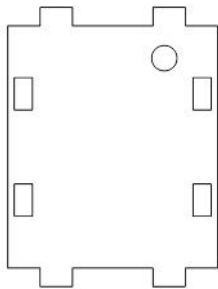


EPLATE

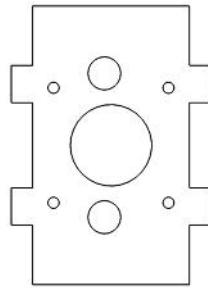
The Parts Below are Identical for the OneUp and TwoUp Kits
Parts NOT Shown to Scale, For Identification Purposes Only



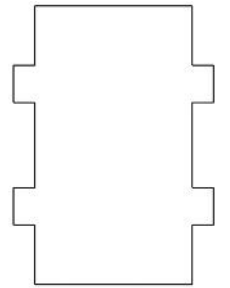
ZMOTORMOUNT



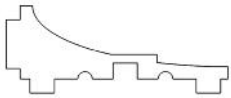
ZMMNULL



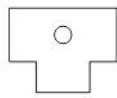
YMOTORMOUNT



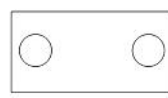
Qty 3 YMMNULL



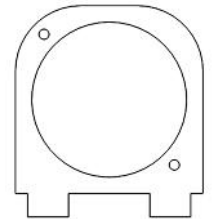
Qty 2 SIDEBRACE



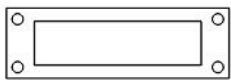
Qty 2 TOPBRACE



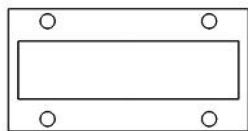
Qty 2 BELTCLAMP



FANBRACKET

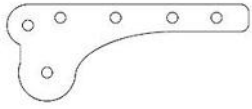


Qty 2 XBEARINGMOUNT

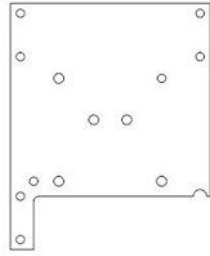


Qty 4 BEARINGMOUNT

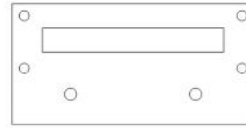
TwoUp Laser Cut Melamine Extruder Parts Pg. 3
Parts NOT Shown to Scale, For Identification Purposes Only



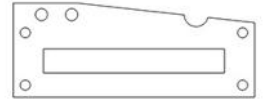
Acrylic Arm (Assembled)



EHFRAME



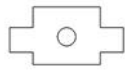
EBLOCK1



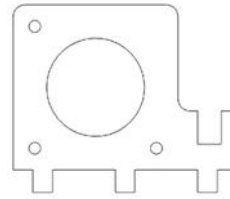
EBLOCK2



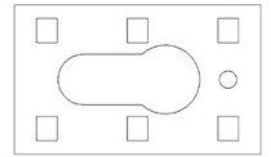
(2) EBELTTOOTH



ETFRAME



(2) EPFRAME



EBASE

The Non-Laser Cut Parts for TwoUp
 Parts NOT Shown to Scale, For Identification Purposes Only



1038-2RS Bearing



(3) R6-2RS Bearing



Delrin ACME Nut



Filament Drive Gear
 (Preinstalled on NEMA 17)



Qty 5 BSPRING & ESPRING



HTD Belts



Qty 6 LM8LUU



Fan



Hotend (Assembled)



Qty 2 Pulley (Preinstalled
 on NEMA 17)



Z Coupler



ACME Screw



Qty 2 8mm Shaft (Drilled)



Qty 4 8mm Shaft (Undrilled)



Qty 2 Large Acrylic Washer



Qty 2 YIDLERGUARD



Qty 6 Small Acrylic Washer

- Bag #1: (12) M3 x 8
 Bag #2: (6) M3 x 16
 Bag #3: (16) M3 x 25
 Bag #4: (5) M3 x 30
 Bag #5: (4) M3 Nuts
 Bag #6: (4) M4 x 8
 Bag#7: (6) M4 x 16
 Bag#8: (2) TOPBRACE, (3) 3/8 x 1", (2) YSPACER
 Extruder Hardware: ESpring, M3x35, M3x50, (2) M3x8, (2)M4x16, (2)M3x25, (2)M3x45, (3) M3 Washer,
 (6) M3x30

TwoUp Electronics Pg. 5
Parts NOT Shown to Scale, For Identification Purposes Only



USB CABLE



Power Wires



Qty 4 NEMA 17



USA Power Cord



RAMPS ELECTRONICS
(ASSFMBLFD)



Power Supply