

X/Z-Axis Plate Assembly:  
This is the assembly of the previous two sub-assemblies.

- Instructions:
- This can get tricky if the bolts start to fall out of the X plate.
  - If possible, use a small piece of tape across the bolt head to keep them in place
  - Remove the nut and one (only 1!) washer from the ends of each M5 x 55mm bolt.
  - Slide the Z-axis plate onto the M5 x 55mm bolts. Replace the washer and hex nuts onto each one.


| ITEM | QTY | PART NUMBER | TITLE                             |
|------|-----|-------------|-----------------------------------|
| 1    | 1   | SM_ZA01     | Z Axis Mount Plate Assembly       |
| 2    | 1   | SM_XA01     | X Axis Motor Mount Plate Assembly |



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**TOLERANCES**  
(EXCEPT AS NOTED)  
BETWEEN  
FINISHED SURFACES

FRACTIONAL: ± 1/64"  
DECIMAL: ± .010"  
DETAIL DIMENSIONS: ± 1/16"



|                                |                           |                   |
|--------------------------------|---------------------------|-------------------|
| DESIGNED BY:<br>ERF            | DETAILED BY:<br>ERF       | DATE:<br>6/5/2012 |
| TITLE<br>X/Z Carriage Assembly |                           |                   |
| SIZE<br>B                      | DRAWING NUMBER<br>SM-XZA1 |                   |
| SCALE                          |                           | SHEET 1 OF 1      |