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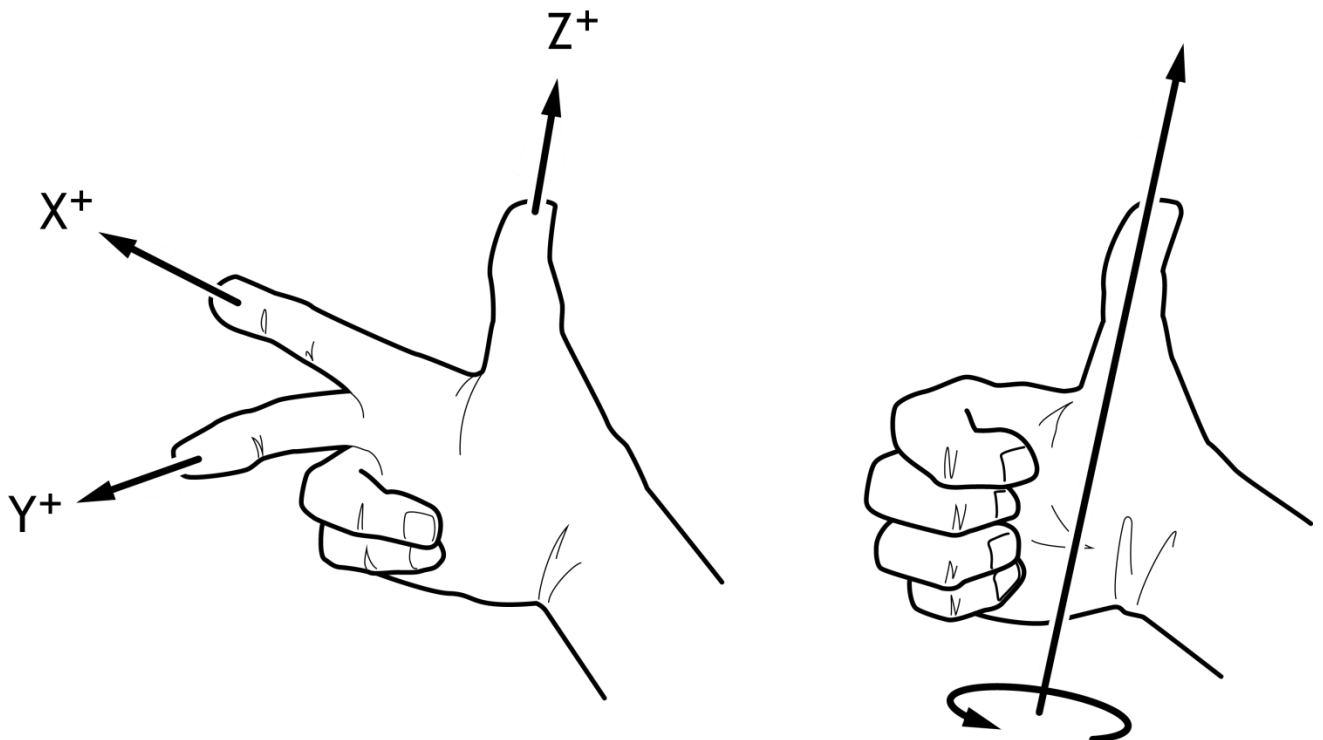
Subject: Right hand coordinate system with cut out template

APPLICATION NOTE

1. Right hand coordinate system

Most Trio FRAME transformations use the right hand coordinate and rotation rules. All TOOL_OFFSETS and USER_FRAMES always use the right hand rules.

The right hand coordinate system is defined using your index finger, middle finger and thumb for the positive directions of the X Y and Z axes respectively.



The right hand rotation rule defines that if you place your right thumb on the positive direction of the axis the curl of your fingers will show the positive rotation around that axis.

2. Cut out template

The template below when assembled shows the positive direction of the X Y Z coordinate system and the positive rotations about each axis, using the right hand rule.

2.1. Instructions

1. Cut out around the thick line
2. Fold along each thin line so that the text folds towards the text on the opposite triangle
3. Glue the tab onto the back of the X triangle.

The completed item will have the text on the inside of the pyramid and should look like the image on the right.

