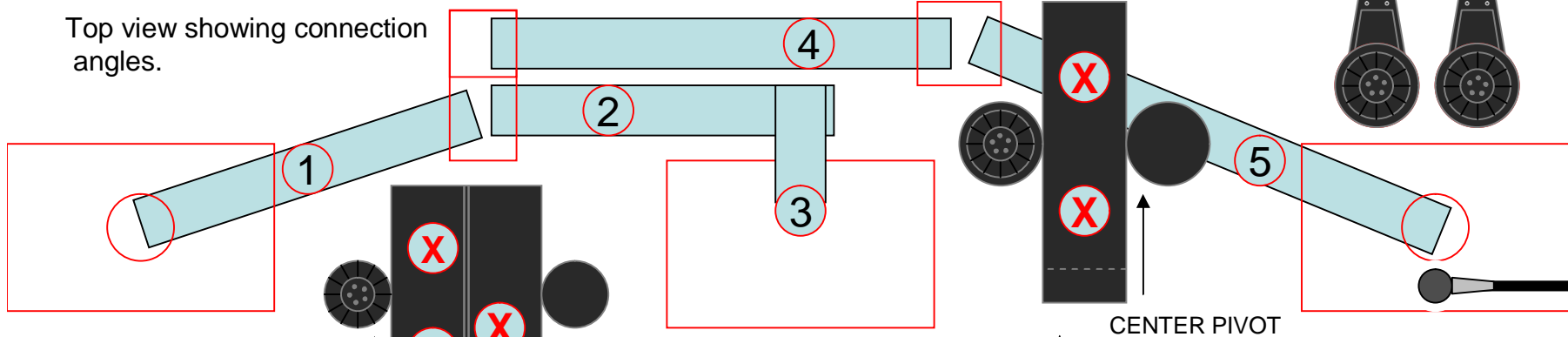


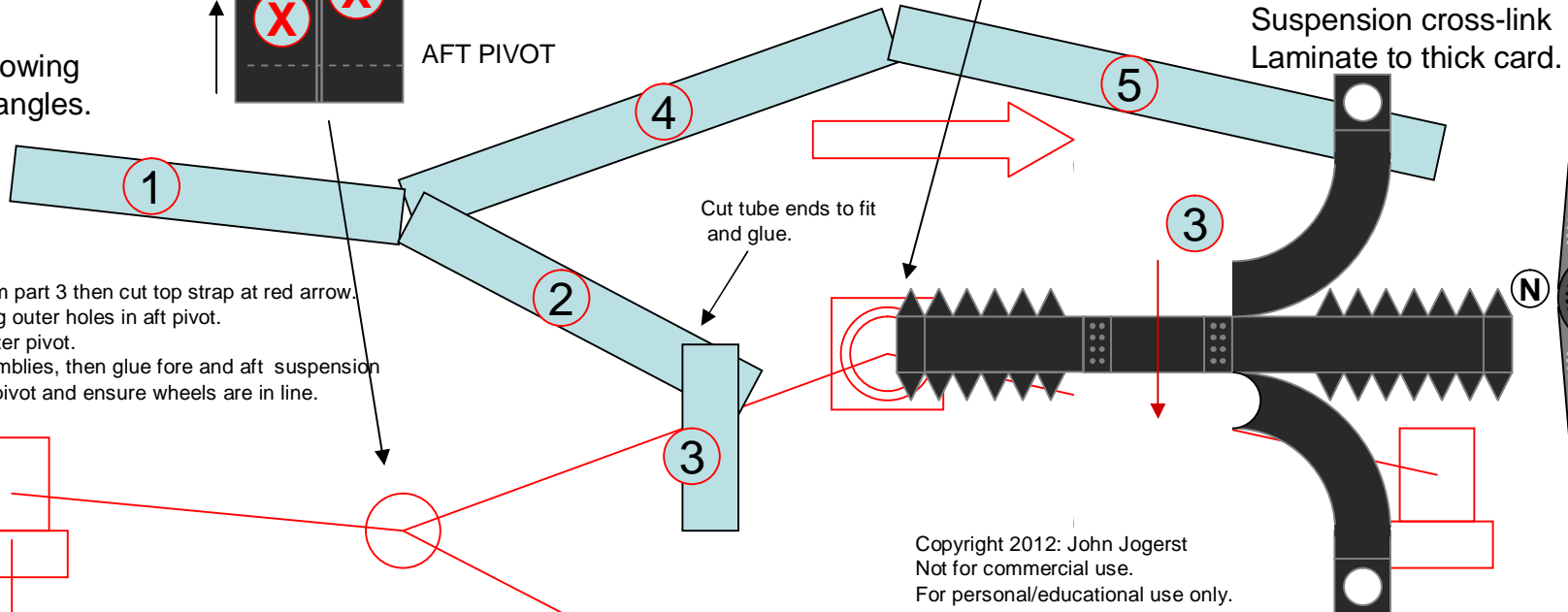
Mars Science Laboratory – Detailed Suspension starboard side

Study rover pictures carefully to see how the attachment angles provide clearance and align wheels.

Top view showing connection angles.



Side view showing connection angles.



Roll cylinders. Form part 3 then cut top strap at red arrow.
 Glue up 1,2,3 using outer holes in aft pivot.
 Glue up 4,5 to center pivot.
 Attach wheel assemblies, then glue fore and aft suspension together using aft pivot and ensure wheels are in line.

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Mars Science Laboratory – Detailed Suspension portside

CENTER PIVOT

Top view showing connection angles.

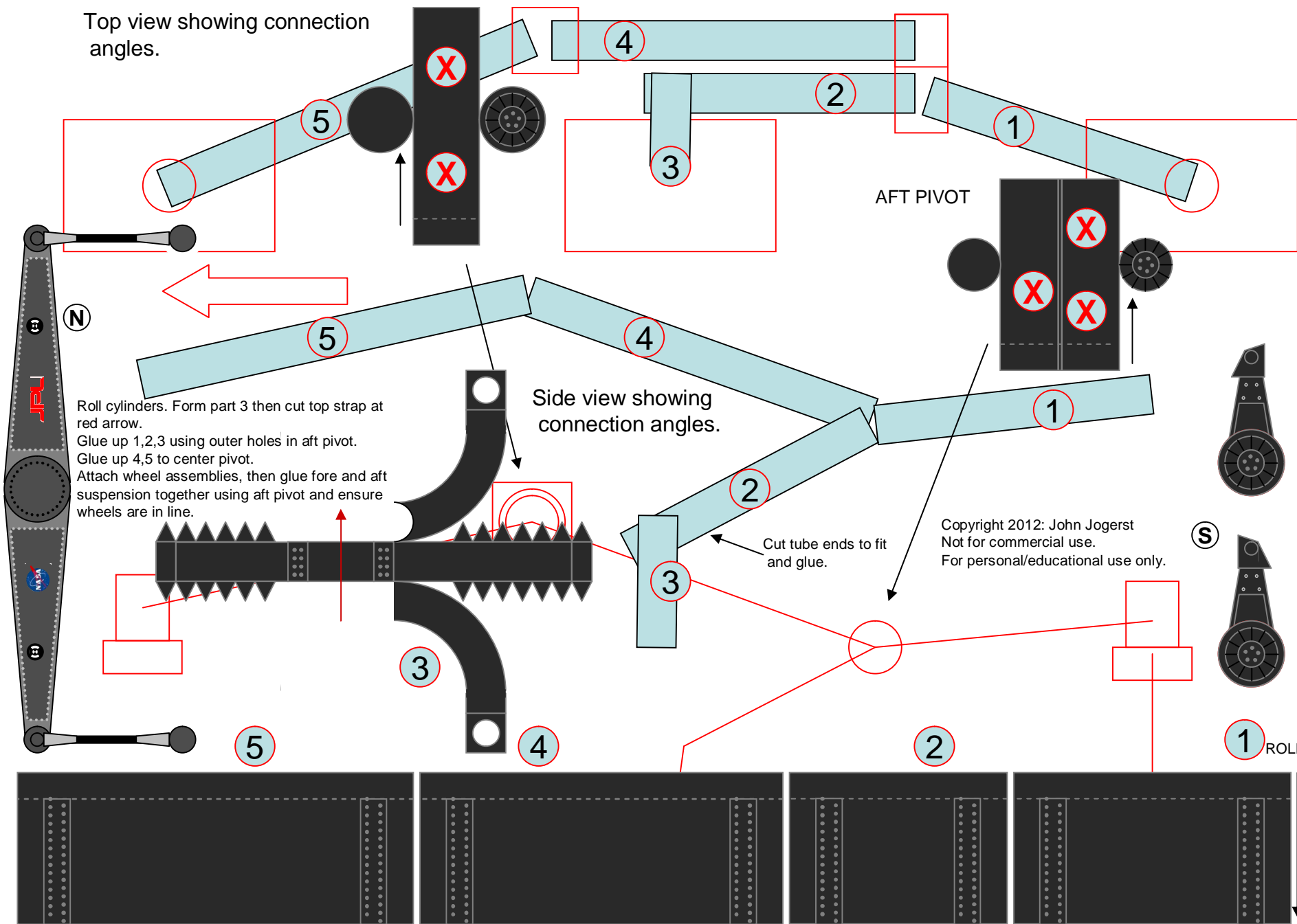
AFT PIVOT

Side view showing connection angles.

Roll cylinders. Form part 3 then cut top strap at red arrow.
 Glue up 1,2,3 using outer holes in aft pivot.
 Glue up 4,5 to center pivot.
 Attach wheel assemblies, then glue fore and aft suspension together using aft pivot and ensure wheels are in line.

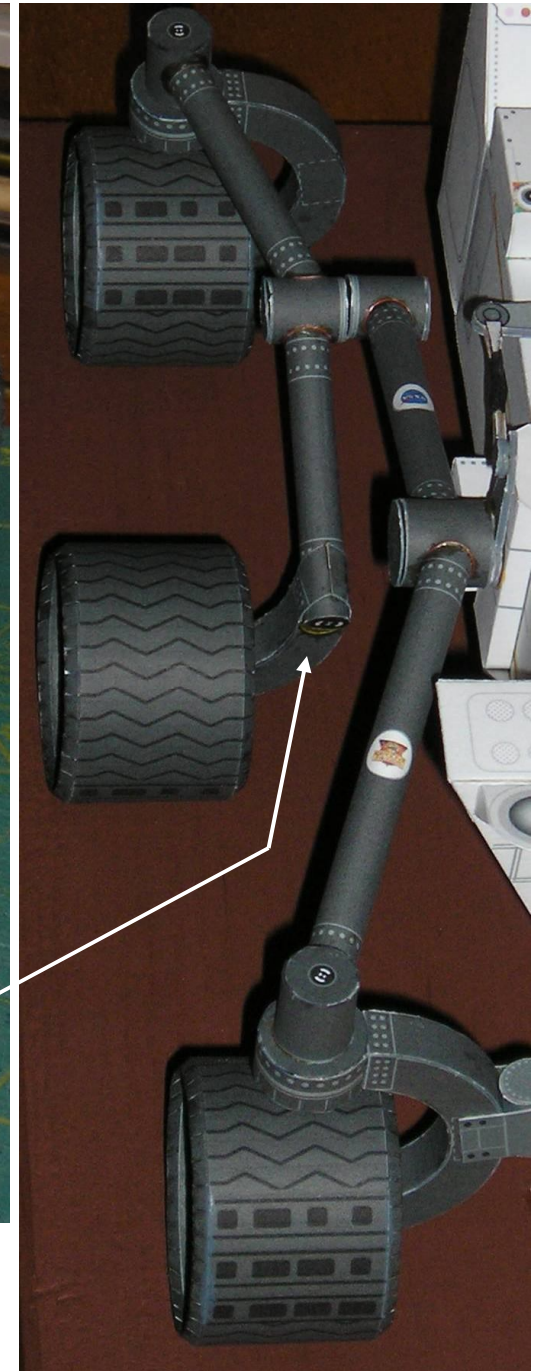
Cut tube ends to fit and glue.

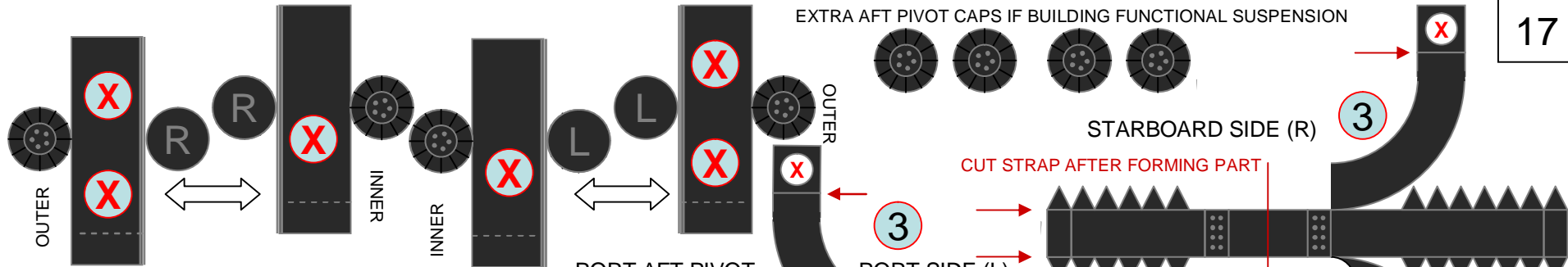
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16a

Mars Science Laboratory – Detailed Suspension portside





STBD AFT PIVOT: Glue grey-lined sides together or secure with pivot pin after assembling suspension tubes.

PORT AFT PIVOT

EXTRA AFT PIVOT CAPS IF BUILDING FUNCTIONAL SUSPENSION

STARBOARD SIDE (R)

CUT STRAP AFTER FORMING PART

PORT SIDE (L)

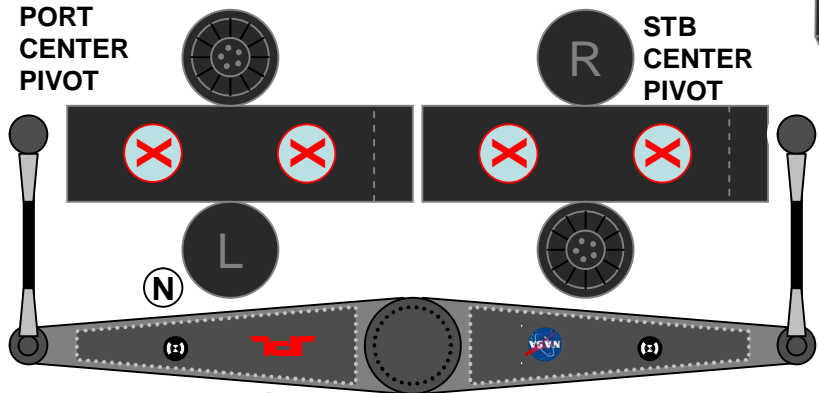
CUT STRAP AFTER FORMING PART

CONSOLIDATED PARTS PAGE 17 & 18

PORT CENTER PIVOT

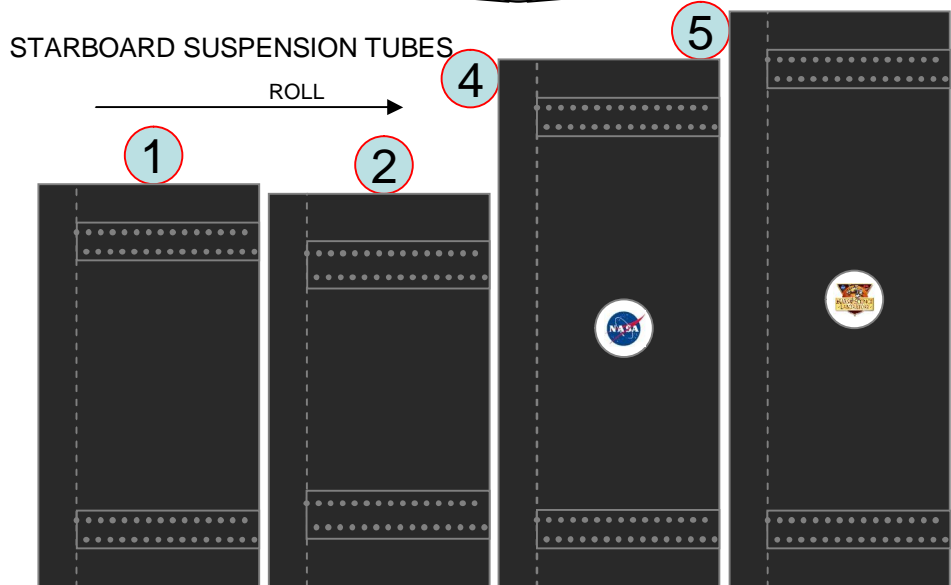
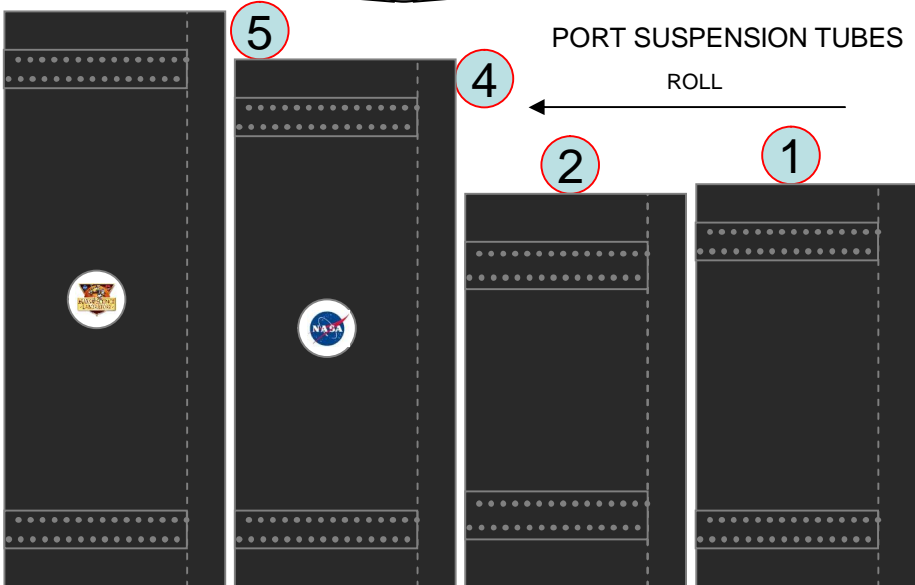
PRINT

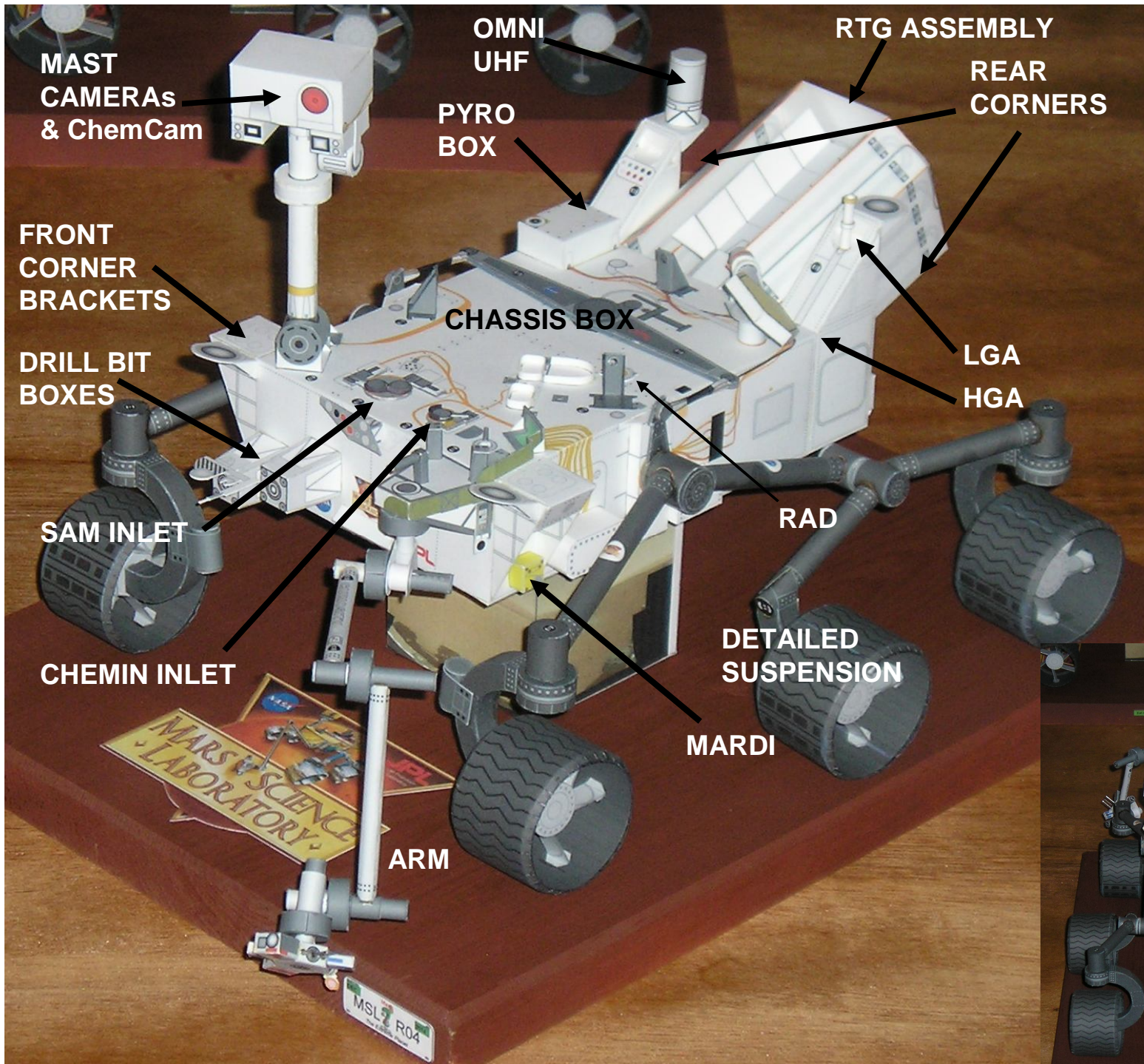
STB CENTER PIVOT



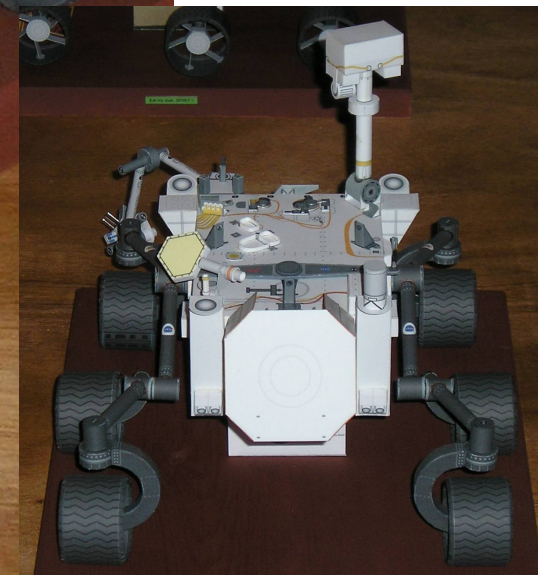
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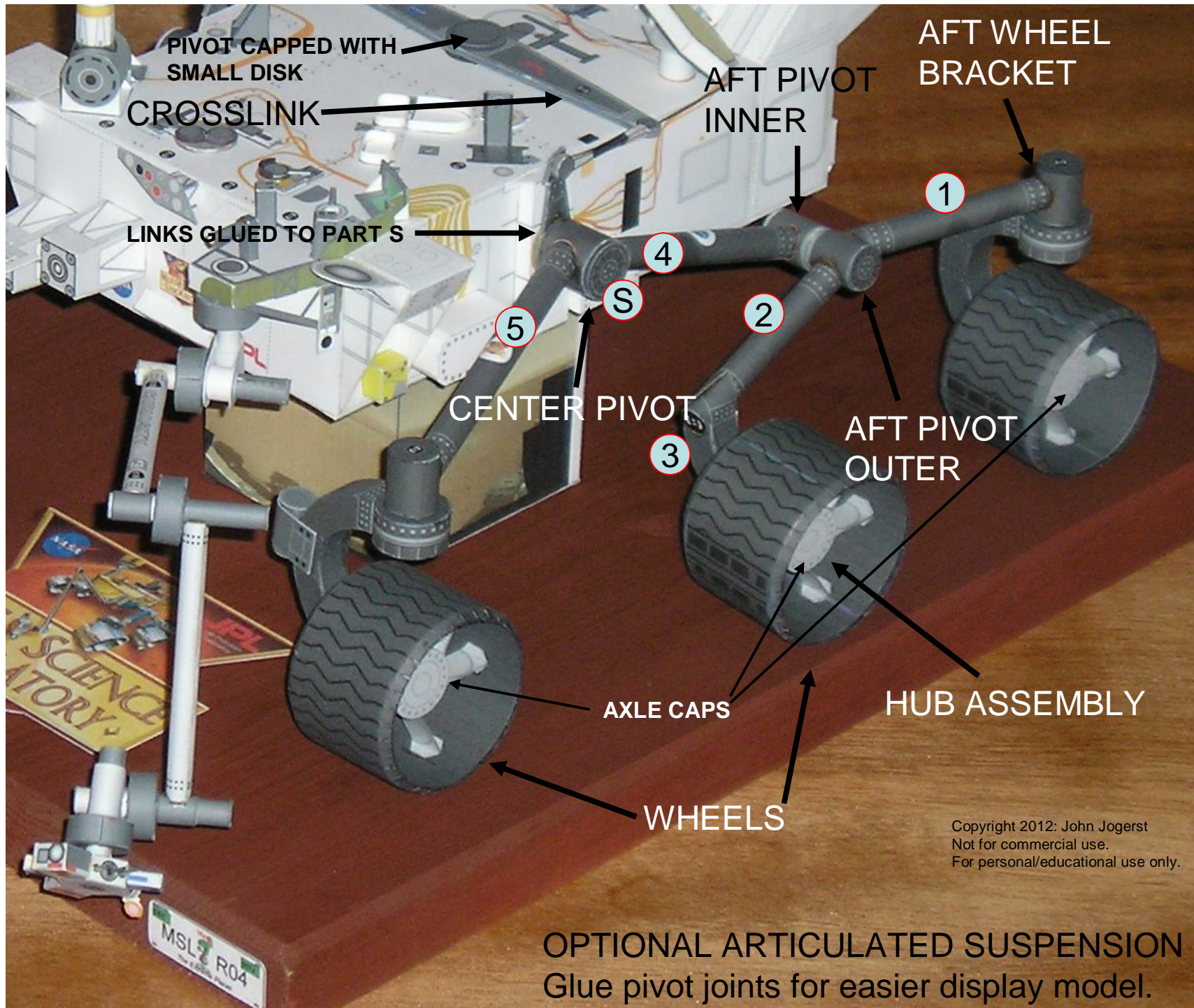
EXTRA CENTER PIVOT CAPS IF BUILDING FUNCTIONAL SUSPENSION





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OPTIONAL ARTICULATED SUSPENSION
Glue pivot joints for easier display model.