

Grading Rubric – Van Assembly

-3 points if your name, Period # and Date are not on the Rubric

Objectives:

- Demonstrate proper use of “copy/paste” feature.
- Demonstrate “chamfer” feature.
- Demonstrate proper technique for starting an assembly.
- Demonstrate “offset mate”, “center axis” and “align” techniques.

	√	Criteria	Points	Earned
1		Filename = axleINL_CAD1_1	1	
2		Filename = wheelINL_CAD1_1	1	
3		Filename = bodyINL_CAD1_1	1	
4		Axle diameter = <i>1 inch</i>	1	
5		Axle length = <i>12 inches</i>	1	
6		Wheel diameters = <i>5 inches, 1 inch</i>	1	
7		Wheel Holes on Body are properly dimensioned	4	
8		extBODY = 8.25”	1	
9		chamferFRONT_EDGE	1	
10		Chamfer = 7 x 3, unequal setback	1	
11		Filename = assembly_vanINL_CAD1_1	1	
12		Body is <i>“fixed”</i>	1	
13		Axles are Centered (<i>Center Axis</i>)	2	
14		Wheels are Centered (<i>Center Axis</i>)	4	
15		Wheels are Aligned to axles (<i>Align</i>)	4	
16		Two wheels (<i>one on each axle</i>) are <i>“offset” mated</i>	2	
Total Score – 27 points total				
17		**Extra Credit – Create an Album – 3 possible **		