AndyMark CIM-Sim Assembly Instructions

July 2011

Parts needed to make one (1) CIM-Sim:

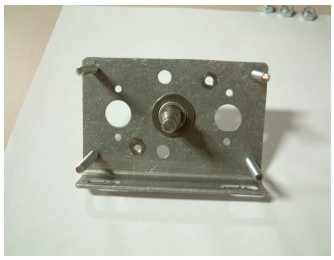
Component	Qty.	Part #
Motor Plate	2	am-0926
Output Shaft	1	am-0930
60T 32dp Gear	1	am-0927
177X500 Spacer	1	am-1181
Plate Spacer	4	am-1240
10_32 Nylock Nut	4	am-1042
M3 x 10mm Screw	4	am-1021
2 x 2 x 10 Machine Key	1	am-1121
8mm Retainer clip	1	am-0033
12T 32dp Motor Gear	2	am-0928
10-32 Flush Nut, Self-Centering	4	am-1179
10-32 x 1-1/4 Self-Clinching Stud	4	am-1239
Ball Bearing, 8MMx19MMx6MM, Flanged	2	am-0931

Tool needed:

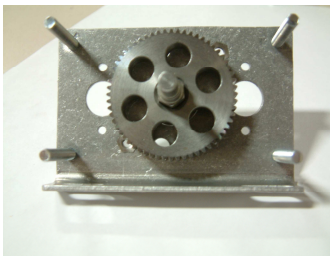
$^{3}/_{8}$" Nut Driver

CIM-Sim Assembly Instructions:

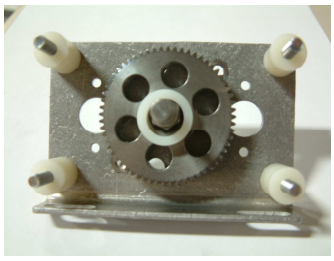
Step 1: Insert the Output Shaft into the Motor Plate, so the hex side is on the same side as the screws.



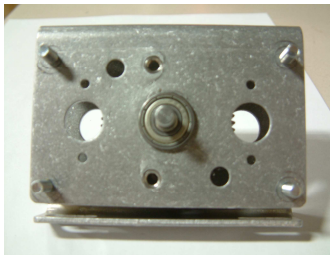
Step 2: Put the 60T 32dp Gear onto Output Shaft.



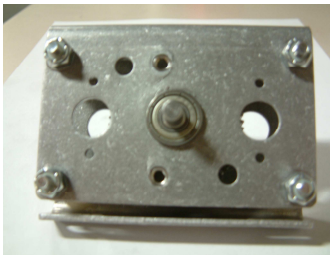
Step 3: Insert the 177x500 Spacer on the Output Shaft. Put the 4 Plate Spacers onto 10-32 screws.



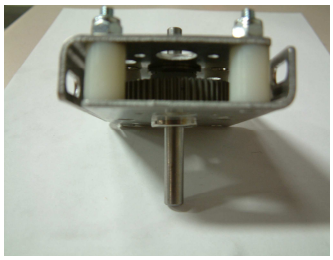
Step 4: Place the second Motor Plate onto of the assembly. Make sure that the curve is on the opposite side of the screws.



Step 5: Tighten the 10-32 Nylock Nuts on 10-32 Screws.



This is the side view after the nuts have been tightened.



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