

AndyMark Wormbox (am-0917) Assembly Instructions

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Parts needed to make one (1) Wormbox:

Tools needed:

Component	Qty.	Part #
Plastic Worm Gear Driven	1	am-0933
Worm Pinion Gear	1	am-0934
Worm Shaft	1	am-0923
Wormbox Output Front Plate	1	am-0919
Wormbox Back Plate	1	am-0918
#10-32 x 1- 1/2" SHCS	4	am-1195
#10-32 Nylock Nut	4	am-1212
8mm 500 Hex Adapter	1	am-0588
3/16 Thick Nylon Spacer	1	am-1181
End Plate	1	am-0920
Motor Plate	1	am-0921
Output shaft	1	am-0922
Pin	2	am-1241
other metal spacers	2	am-2114
1/2" id Flanged, Shielded Ball Bearing (FR8ZZ)	2	am-0030
3/8" id Flanged, Shielded Ball Bearing (FR6ZZ)	1	am-0028

3/8" Allen Wrench

3/8" Wrench

Wormbox Assembly Instructions:

Step 1: Press in a pin into the top-most hole of the output shaft.



Step 2: Insert the worm gear driven from the bottom so that the pin slides into the slot.



Step 3: Insert the other pin into the little hole.



Step 4: Slide in the two metal spacers onto each side of the worm gear driven.



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Step 5: Insert the two shafts into the worm pinion gear as shown below.



Step 6: Place two nylon washers onto each side of this assembly.



Step 7: Press in the bearing so that the flanged part is facing up onto the output plate.



Step 8: Press in the bearing so that the flanged part is facing up on the back plate.



Step 9: Insert the output shaft assembly into the output plate.



Step 10: Insert the other end of the output into the back plate.



Step 11: Press in a ##bearing## to the end plate.



Step 12: Insert the worm pinion assembly into the end plate through the side that has the bearing flanged out.



Step 13: Insert this assembly so that the pinion is under the worm gear driven.



Step 14: Insert the motor plate into the other side of the entire assembly.



Step 15: Insert and tighten all the screws with the corresponding nuts.

