

AndyMark 8" Dualie Plastic Omni Wheel (am-0463) Assembly Instructions



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Parts needed to make an 8" Dualie Aluminum Omni Wheel:

Tools needed:

Component	Qty.	Part #
Black SBR Rollers	36	am-0049
Steel Dowel Pins	36	am-1019
Brass Omni-roller Sleeves	72	am-0050
M5 x 0.8 x 20mm SHCS	9	am-1020
M5 Nylock Nuts	12	am-1215
8" Plastic Omni Wheel Webs	4	am-0079
#10-32 x 2-1/4" SHCS	3	am-1198
M3 x 10mm SHCS	36	am-1210
M3 Nylock Nuts	36	am-1163

$\frac{3}{16}$ " Allen Wrench

Cordless Drill

If single omni wheel is not assembled, see 8" Plastic Omni Wheel Assembly Instructions (am-0048).

8" Dualie Aluminum Omni Wheel Assembly Instructions:

Step 1: Place the 8" omni wheel down as shown below. Take out the three screws that are shown by the arrows.



Step 2: Place the other omni wheel above it. Align the holes so that the three #10-32 x 2-1/4" SHCS will go into the holes that have the arrows on them. Insert and tighten in three #10-32 x 2-1/4" SHCS with the cordless drill. Make sure the rollers are alternating.



Step 3: Cover the three #10-32 x 2-1/4" SHCS with your hand and turn the wheel over. Screw in the M5 Nylock Nuts by hand.



Step 4: Tighten with either cordless drill or screwdriver.



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