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| **ROVERBOT ASSEMBLY** | | |
| **Step** | **Image** | **Instructions** |
| 1. | /Volumes/DATA/Dropbox (Research Officer)/Made in Space Workshop/RoverBot/Instructions/Motor_Wheel_Assembly.PNG | Insert Wheel into Motor Shaft as shown. Do this for both Wheel and Motor Sets. |
| 2. | /Volumes/DATA/Dropbox (Research Officer)/Made in Space Workshop/RoverBot/Instructions/Left_Wheel_Step 1.PNG | To begin assembling the Left Wheel, insert Motor Mount Bracket as Shown. |
| 3. | /Volumes/DATA/Dropbox (Research Officer)/Made in Space Workshop/RoverBot/Instructions/Left_Wheel_Step 2.PNG | Insert the Wheel Extension Wood Piece into the Motor Bracket as shown. |
| 4. | /Volumes/DATA/Dropbox (Research Officer)/Made in Space Workshop/RoverBot/Instructions/Left_Wheel_Assembled.PNG | The Left Wheel is fully assembled. |
| 5. | /Volumes/DATA/Dropbox (Research Officer)/Made in Space Workshop/RoverBot/Instructions/Right_Wheel_Step 1.PNG | To begin assembling the Right Wheel, insert the Motor Bracket as shown. Note the difference in orientation between this and the Left Wheel. |
| 6. | /Volumes/DATA/Dropbox (Research Officer)/Made in Space Workshop/RoverBot/Instructions/Right_Wheel_Step 2.PNG | Insert the Wheel Extension Wooden piece as shown. Again, note the difference between this and the Left Wheel. |
| 7. | /Volumes/DATA/Dropbox (Research Officer)/Made in Space Workshop/RoverBot/Instructions/Right_Wheel_Assembled.PNG | The Right Wheel is fully assembled. |
| 8. | /Volumes/DATA/Dropbox (Research Officer)/Made in Space Workshop/RoverBot/Instructions/RoverBot_Step 1.PNG | Assemble the Caster Wheel onto the Rover Base as shown. Note the Rover Base orientation as it is not symmetric. |
| 9. | /Volumes/DATA/Dropbox (Research Officer)/Made in Space Workshop/RoverBot/Instructions/RoverBot_Step 2.PNG | Assemble the Left Wheel as shown, using the longest M3 Screws. |
| 10. | /Volumes/DATA/Dropbox (Research Officer)/Made in Space Workshop/RoverBot/Instructions/RoverBot_Step 3.PNG | Assemble the Right Wheel as shown using the longest M3 Screws. |
| 11. | /Volumes/DATA/Dropbox (Research Officer)/Made in Space Workshop/RoverBot/Instructions/RoverBot_Step 4.PNG | Mount the ELift as shown using the mid-length M3 Screws. Note that the holes at the edge of the ELift should be aligned with the larger holes of the Rover Base. |
| 12. | /Volumes/DATA/Dropbox (Research Officer)/Made in Space Workshop/RoverBot/Instructions/RoverBot_Step 5.PNG | Bolt the ELift into place using the provided M3 Nuts. |
| 13. | /Volumes/DATA/Dropbox (Research Officer)/Made in Space Workshop/RoverBot/Instructions/RoverBot_Step 6.PNG | Mount the Romeo Board as shown, using the shortest (black) M2 Screws. |
| 14. | /Volumes/DATA/Dropbox (Research Officer)/Made in Space Workshop/RoverBot/Instructions/RoverBot_Basic_Completed.PNG | The RoverBot is complete! |