





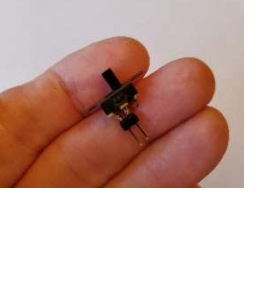



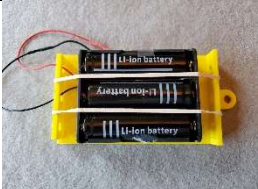











Check List

Robot Rover Parts Identification

JSU MARRS 3-D Printed Rover Workshop

| | | | |
|---|---|---|---|
| Assembled Rover |  | All Rover Parts |  |
| <input type="checkbox"/> Rover Platform |  | <input type="checkbox"/> Motor Side Brackets (Left and Right) |  |
| <input type="checkbox"/> Drive Motors (4) with wires. Axles have flat sides to match wheel holes. |  | <input type="checkbox"/> Wheels (4) Note axle holes have flat sides. Align axle and wheel hole. |  |
| <input type="checkbox"/> Rover On-Off Switch |  | <input type="checkbox"/> Power Cable Caution! Power cable must be connected correctly! <i>Non-repairable damage will result if improperly connected!</i> |  |
| <input type="checkbox"/> Battery Holder Caution! Red lead is positive (+) and black lead is negative (-). Connect wires correctly! Insert batteries according to diagram inside holder. |  | <input type="checkbox"/> Battery Tray |  |
| Assembled Battery Tray Caution! Do not "short" the red and black wires. |  | <input type="checkbox"/> Package of 4 Lithium-Ion batteries is included. Charge batteries before use. |  |

| | | | |
|--|---|---|---|
| <input type="checkbox"/> Arduino UNO Microcontroller |  | <input type="checkbox"/> Rover Fastener Parts Package and Programming Cable |  |
| <input type="checkbox"/> Arduino UNO Mounting Spacers (In Fastener Parts Package) |  | <input type="checkbox"/> <i>onn</i> Android Tablet – Arduino RC app installed |  |
| <input type="checkbox"/> Bluetooth Radio - Note: Each radio is individually named and programmed as: JSU_Rover_XX, Where the XX is the number is listed on the back of the radio of the module you received. |  | <input type="checkbox"/> Battery Charger: the battery can charge 1 or 2 18650 Batteries at one time. Charging indicator will stop flashing when charging is complete. |  |
| <input type="checkbox"/> Motor Driver Board Caution -Pins on bottom of board are sharp! |  | Rover assembly tools – needle-nose pliers, screwdriver set and 3/32” Allen wrench. |  |