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| SR.NO | NAME OF PART | DESCRIPTION OF MATERIAL | MATERIAL REQUIRED TO MAKE MATERIAL | QUANTITY REQUIRED |
| 1 | bolt | aluminium | 2.5mm | 4 |
| 2 | SENSOR | ULTRASONIC DISTANCESENSOR | hc-sr04 | 1 |
| 3 | MICRO CONTROLLER | - | ARDUINO UNO | 1 |
| 4 | BREAD BOARD | WHITE PLASTIC | 5.5 cm x 17 cm | 1 |
| 5 | BATTERY | ZINC MANGANESE | 9V | 1 |
| 6 | Servo motor | Copper,polyethylene | 5v | 1 |

OBSTACLE AVOIDING UNIT