Material List for Boney the Skeleton Dog

1qty-Plastic skeleton dog from Home Depot

1qty-1/8’’x1 ½’’x 8’ Aluminum flat stock (For fabricating brackets and mounts)

8qty- FR-166-ZZ Bearings from EBay

4qty- 10-24x2 ½’’ Stainless Machine Screws

6qty- 10-24 Stainless Lock Nuts

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4qty- #10 Stainless Flat Washers

36qty- 4-40x3/8’’ Stainless Machine Screws

4qty- 4-40x1/2’’ Stainless Machine Screws

8qty- 6-32x1/2’’ Stainless Machine Screws

4qty- 6-32x1 ½’’ Stainless Machine Screws

2qty- 4-40 Stainless Nylon Lock Nuts

8qty- 6-32 Stainless Nylon Lock Nuts

8qty- #6 Stainless Flat Washers

1qty- 3/16’’x12’’ Steel Round Stock

1qty- Clear Acrylic Enclosure for Mega 2560 (Will be cutting up for board mount and brackets leave protective paper on.)

1qty- Arduino Mega 2560 Board

1qty-Xbee Sensor Shield 5 volt

1qty- Shield for Communication not determined

3qty- DC 0-30volt 2 wire LED Digital Display

1qty- DC 5V Stepper Motor +UL N2003 Driver Test Module Board 28BYJ48

1qty- 5mm Flexible Coupling for Stepper Motor

1qty- 200 pcs M3 Male Female Hex Brass Standoff spacer and screw assortment