

Scavenger Legs 1.0 Bill of Materials

Part Name: Legs 1.0

Updated 2025-06-24

Aluminum Plates

- **Update: 3_16_scavlegs_lock.dxf** = ankle lock
- Ensure you have the newest DXF files: current leg version v2406
- DXF files are produced in inches, Cut using Aluminum 5052 .188" Thickness

Hardware

Qty	Description	Part Used	Link
12	M6 x 18mm hex drive flat head screw	Ladder assembly, countersunk	M6 18mm Screw McMaster-Carr
12	M6 hex nut	Ladder assembly	M6 Nut McMaster-Carr
12	M6 x 18mm steel coupling nut	Bottom of leg	M6 Coupler McMaster-Carr
14	M6 x 30mm steel coupling nut	Rounded top of leg	M6 Coupler 30mm Amazon
26	M6 x 12mm hex drive flat head screw	Back of leg, countersunk	M6 12mm Screw McMaster-Carr
26	M6 x 30mm hex drive flat head screw	Front of leg, countersunk	M6 30mm Screw McMaster-Carr
8	M6 1/4" spanner nut (or other spacer)	Hub assembly	M6 1/4" Spanner Nut McMaster-Carr
8	#10-24 flat head machine screws 1.5"	Hub assembly	#10-24 Machine Screws HD
8	#10-24 nuts (come with pack above)	Hub assembly	
8	#10-24 flat head screw, 1/2" long	Ankle Attachment	#10-24 1/2" McMaster
8	#10-24 Coupling Nut – 3/4" long	Ankle Attachment	10-24 Coupling Nut McMaster
8	#10-24 flat head screw, 1-1/4" Long	Ankle Attachment	10-24 1-1/4" Screw McMaster

Note:

The highlighted yellow is for the hub assembly. These lengths are intended for the 3D-printed hub but will work with aluminum hubs. Your hub may require different spacer length, and therefore different screw length.

CHANGE LOG

25-06-28

Added ankle attachment hardware from Ankle BOM. Need to attach ankle lock before leg assembly is complete

2024-09-12

Move ankle attachment hardware to Ankle BOM, added note for Hub.

2024-08-13

Added part list, adjusted #10-24 length for hub assembly

2024-08-07

Added Amazon link for 30mm couplers

2024-07-19

File creation