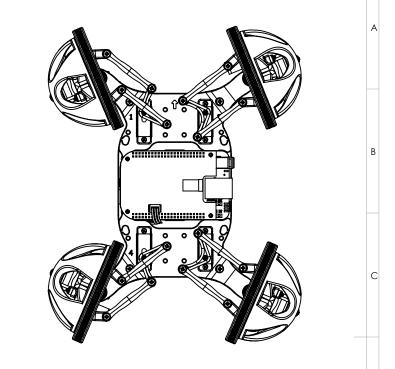
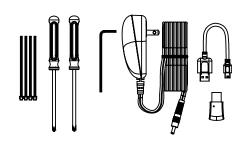


<u> </u>		3	4		. 5	
ITEM NO.	PART NUMBER			DESCRIPTION		QTY.
1	SD-201		Chassis Front			1
2	SD-202		Chassis Bottom			1
3	SD-203		Chassis Back			1
4	SD-204		Wheel Bearing Retainer			4
5	SD-205 SD-206 SD-207 SD-209 SD-105		Steering Linkage			8
6			Servo Horn			4
7			EduRover Wheel			4
8			Knuckle			4
9			Plastic DC Socket Plug			1
10 SD-101D			Robotics Cape			1
11	BBB		BeagleBone Black			1
12	velcro strap			Velcro Strap		1
13	91772A108			4-40 3/8" BHCS		24
14	ball linkage ball 4 40		4.8mr	4.8mm diameter, 4-40 hole		16
15	Pololu 90mm Tire		Rubber Tire			4
16	WW Motor		MiP Motor & Gearbox			4
_ 17	B2		M4x20 Shoulder Screw			8
18	spline adapter WW bearing		MiP wheel spline adapter			4
19			MiP Wheel Bearing			4
20	N1300.2S.25		EduLine Battery			1
21	HS-45HB		Hitec Micro Servo			4
22	Hitec servo screw		Hitec Servo Screw			4
23	99461A173		Hitec Mounting Screw			8
24	91772A106		4-40 1/4" BHCS			16
25	Philips Screwdriver P2		Screwdriver for kit screws			1
26	Philips Screwdriver P0		Screwdriver for Hitec Servos			1
27	12v 1A power supply		12v 1A 5.5mm barrel jack adapter			1
28	JST ZH 2-Pin Pigtail		325mm Pigtail for Motors			4
29	mini usb cable		Mini USB included with BBB			1
30	2.5mm allen key		2.5mm Allen Key			1
31	BT Dongle		BT Dongle			1
32	1692K51		3/8" conical spring			8
	UNLESS O		OTHERWISE SPECIFIED:	PROPRIETARY AND CONFIDENTIAL	DATE	0.407.40





(765) 327-8527 James@StrawsonDesign.com

SHEET 2 OF 14

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN MM
TOLERANCES:
FRACTIONAL± 1/64
ANGULAR ± 0.5°
ONE PLACE DECIMAL ± 0.1mm
TWO PLACE DECIMAL ± 0.05mm

TOLERANCE STRAWSON DESIGN ANY REPRODUCTION IN PART OR AS A WHOLE
WITHOUT THE WRITTEN PERMISSION OF STRAWSON DESIGN IS PROHIBITED.

DATE

8/27/2015

ENDESC:

WENDOR

VENDOR

PROJECT: EduRover

SIZE: 8.5" x 11"

