



深圳东顺电机有限公司

SHENZHEN DONGSHUN MOTOR CO., LTD

产 品 规 格 书

PRODUCT SPECIFICATION

Customer Code: CCK003
客户名称/代码

Sample Code: SS20151103004
样品单号

Model No.: DS-25RS3700098500-45K
电机型号

Version: A
规格书版本

Engineer: 刘位斌 2015-11-13
电机设计工程师

Approved By:
工程批核

CUSTOMER APPROVAL

客 户

日 期
DATE

工厂地址: 深圳宝安大浪街道华宁西路恒昌荣科技园 B 栋 2 楼

Tel: 0755-27919027

Fax: 0755-27914710

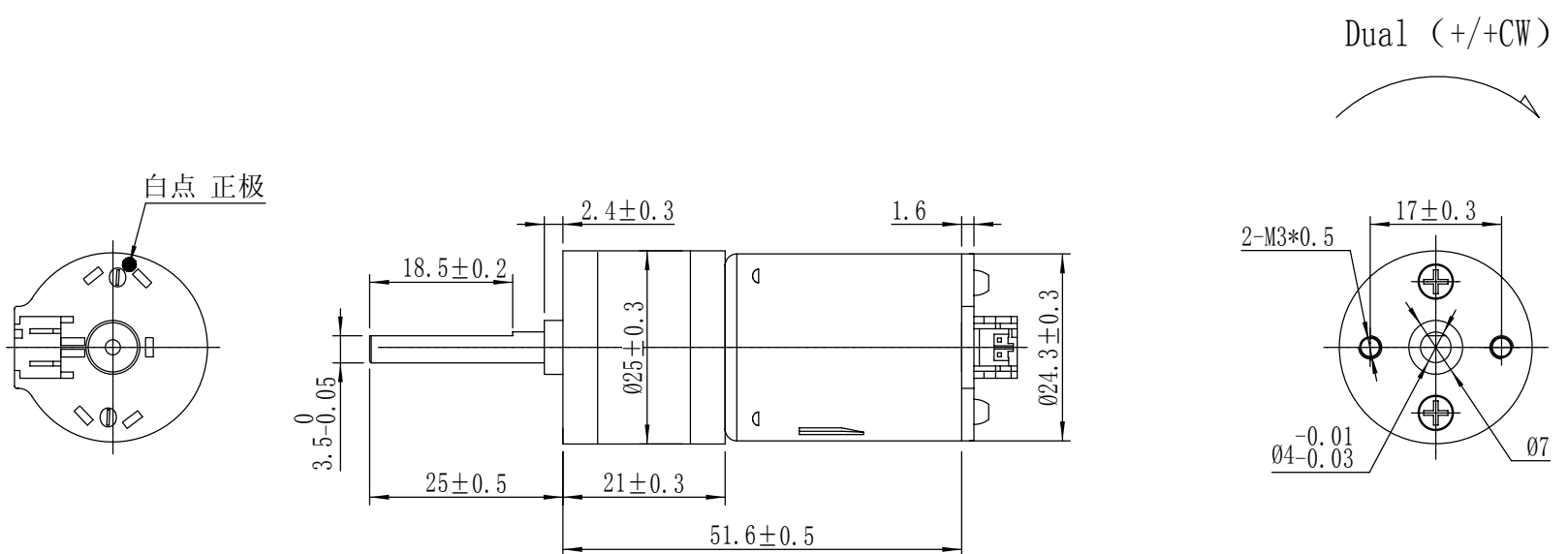
Website: www.dongshunmotor.com

A	B	C	D	E	F	G	H
客户代码 Customer Code	CCK003	样品单号 Sample Code	SS20151103004	电机型号 Model No.	DS-25RS3700098500-45K	内部料号 Internal Code Of Part	



GEAR MOTOR	减速比 K Reduction Ratio	1:45
	额定电压 V Rated Voltage	9
	空载转速 RPM No Load Speed	188.8±10%
	空载电流 mA No Load Current	220 Max.
	额定转速 RPM Rated Speed	152±10%
	额定电流 mA Rated Current	1100 Max.
	额定扭矩 Kgf.cm Rated Torque	1.5
	堵转电流 mA Stall Current	2500 Min.
	堵转扭矩 Kgf.cm Stall Torque	5.8 Min.
	是否可堵转 Stall allowed or not	NO
旋向 CW/CCW Direction	CW	
噪音 dB Noise (L=300mm)	/	
MOTOR	驱动电机型号 Driving Motor Model	370#
	电机空载转速 RPM No Load Speed	8500±10%
	电机空载电流 mA No Load Current	150 Max.
轴向间隙 mm End Play		0.3 Max.

备注:
Remarks
1. 电源正极接电机+极时输出轴
旋向为CW.

样品电机外形简图 Drawing



REV.	ECN#	DETAILS	DATE
A	XXX	1ST VERSION	20151113

 东顺电机 DONGSHUN MOTOR	SCALE	1:1	UNIT	mm	UNSPECIFIED TOLERANCE: 0~6: ±0.1 >6~30: ±0.2 >30~120:±0.3 >120: ±0.5 ANGLES: ±30°
	 MATERIAL		SIZE		
DRAWN BY		刘位斌		20151113	
CHECKED BY					
FINISH				SHEET OF REV A	
				DWG.NO. SS20151103004	

OSEPP™ 2 WHEELER KIT™

2WBAL-01



Table of Contents

2 WHEELER MECHANICAL KIT

Balancing Function

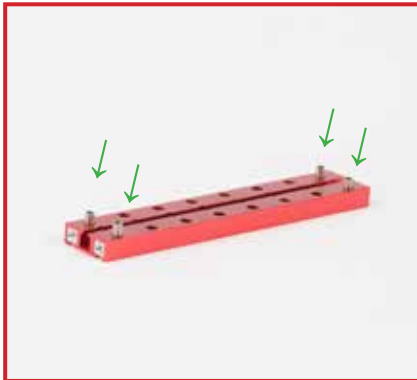
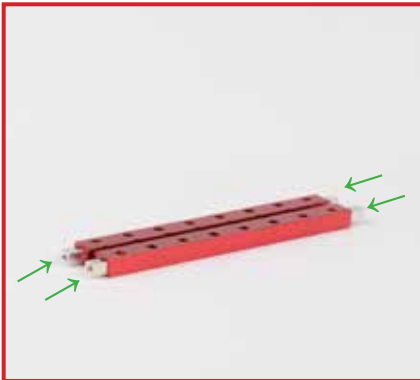
1

Balancing Functions with Encoder

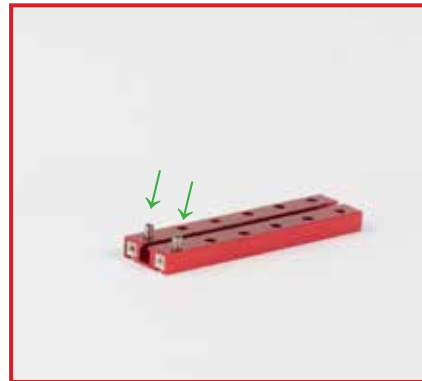
19

1 2 WHEELER MECHANICAL KIT

Balancing Function



2



x2

3

BP11X9



1x

HEXM4X14



4x

Ⓐ



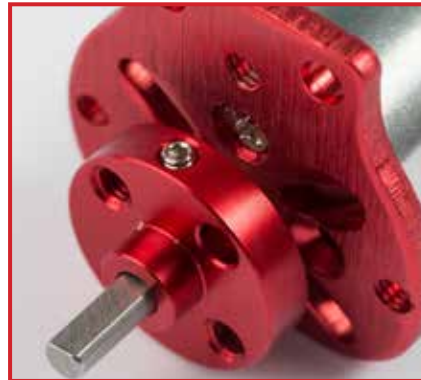
ALKEY30



4



5



x2

6

HEXM4X8

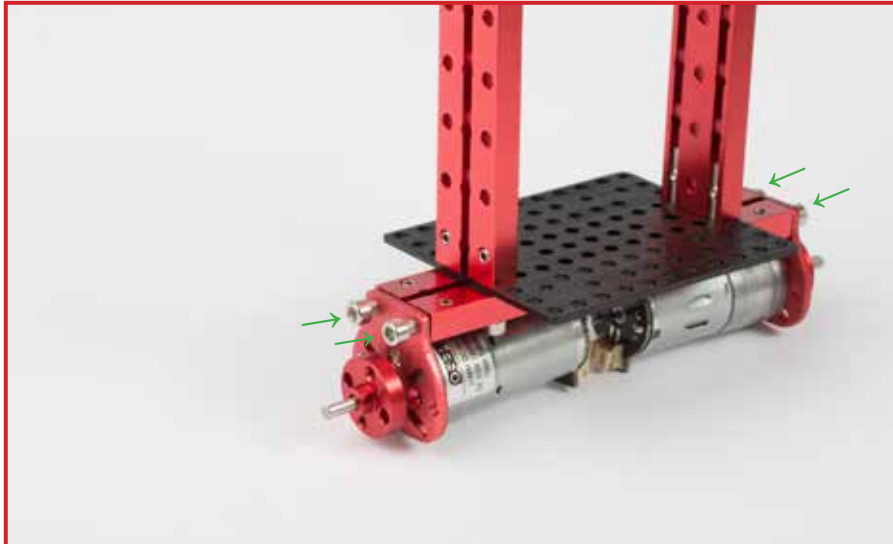


4x

Ⓐ



ALKEY30



7

RIM-90T



2x

TIRE68522



2x



8

HEXM4X12



4x

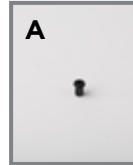
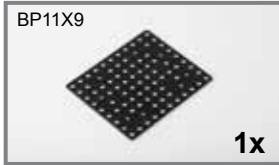
Ⓐ



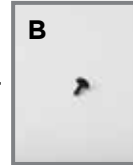
ALKEY30



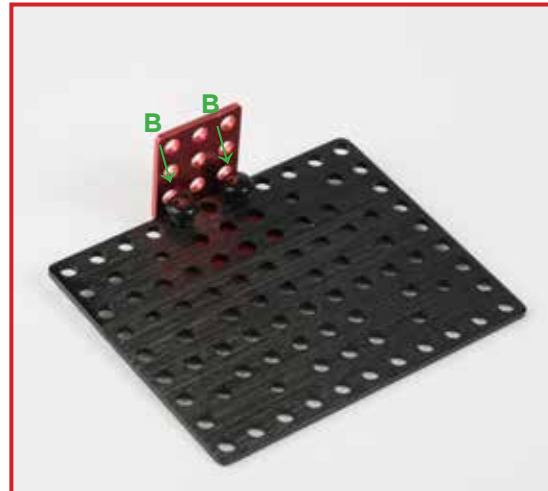
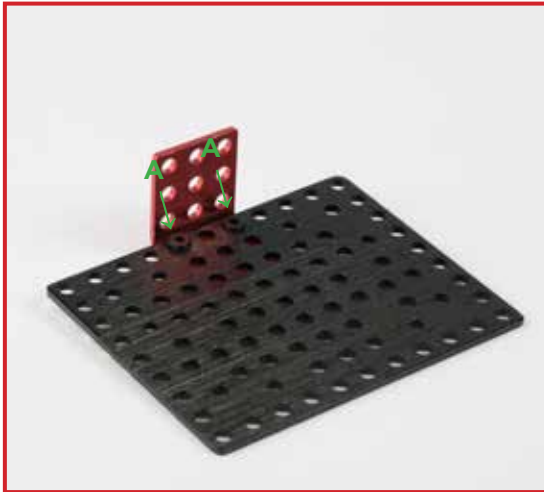
9



+

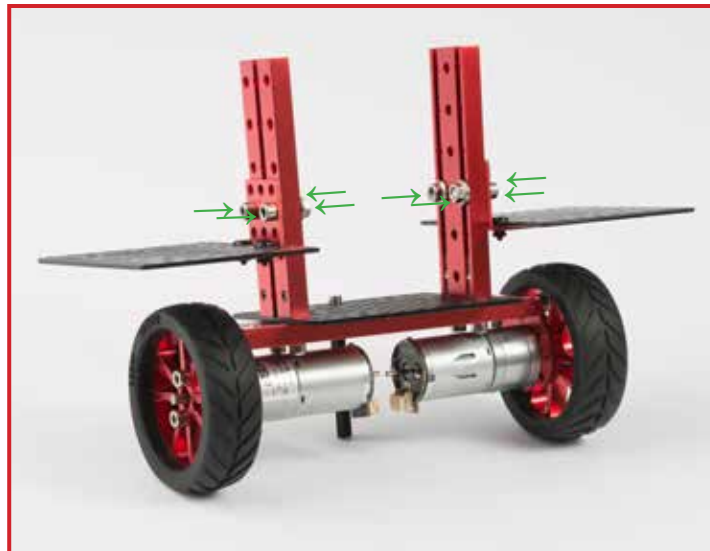


=

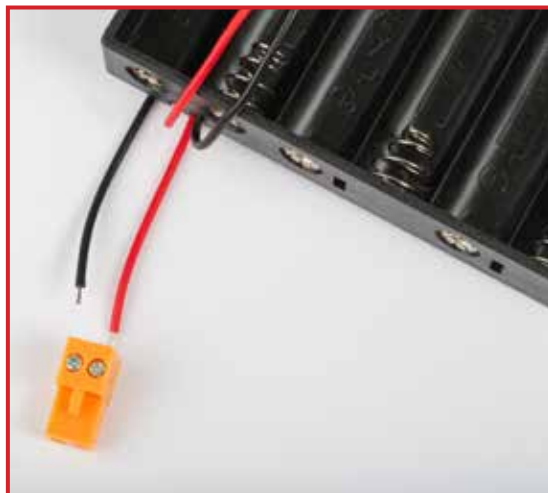


x2

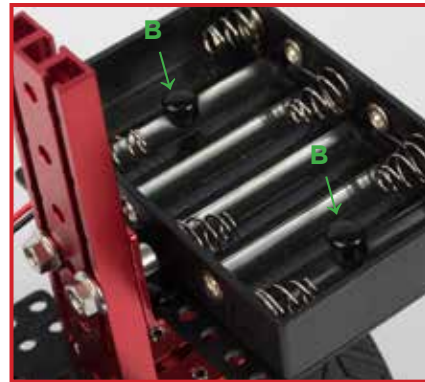
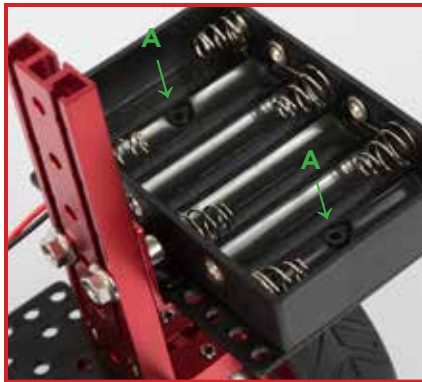
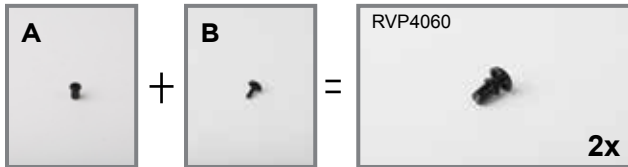
10



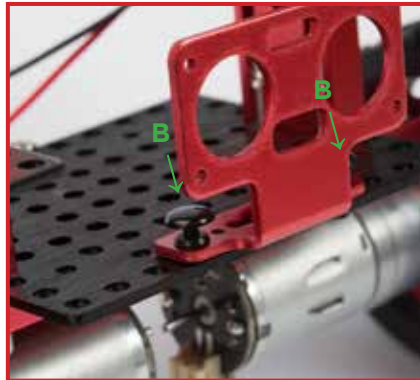
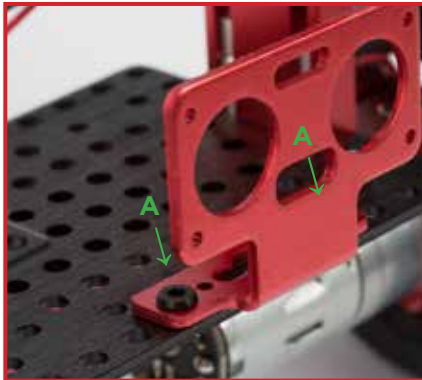
11



12



13



14

BR3X3



2x

HEXM4X12



4x

NUTM4



4x

(A)



ALKEY30



15

MPU6050



1x

STPM3X10



2x

HEXM3X6



4x

Ⓑ



ALKEY25



16

TBLK-001



2x

DCCBL-001



2x

SCDR-001

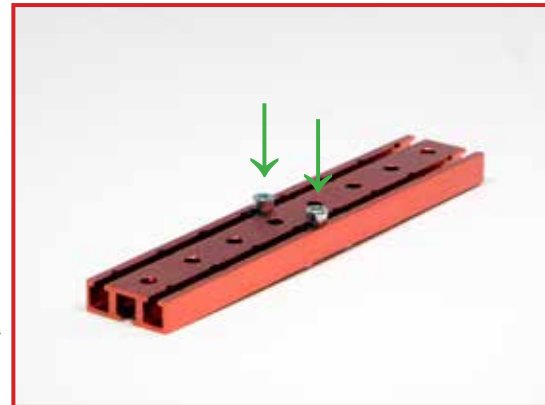


1 2 WHEELER MECHANICAL KIT with Encoder Assembly

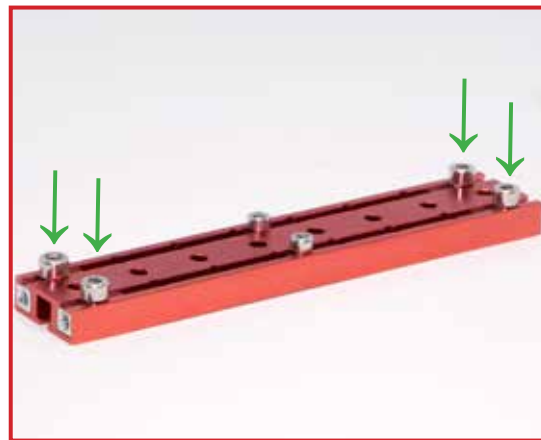
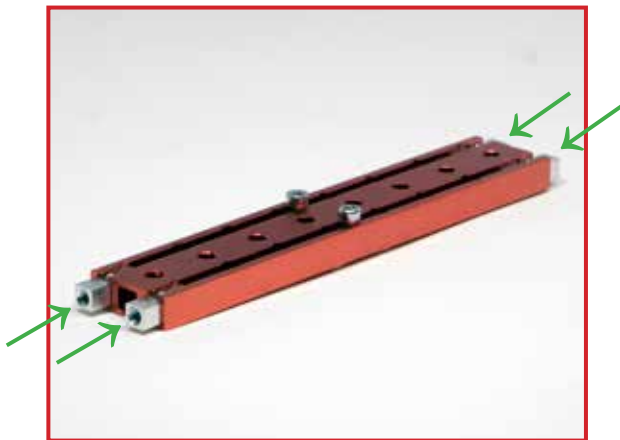
ENC-01



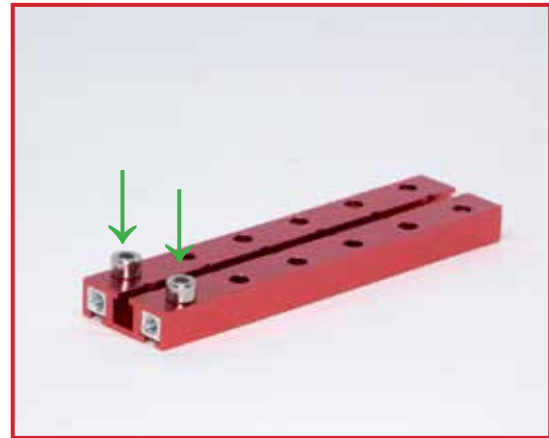
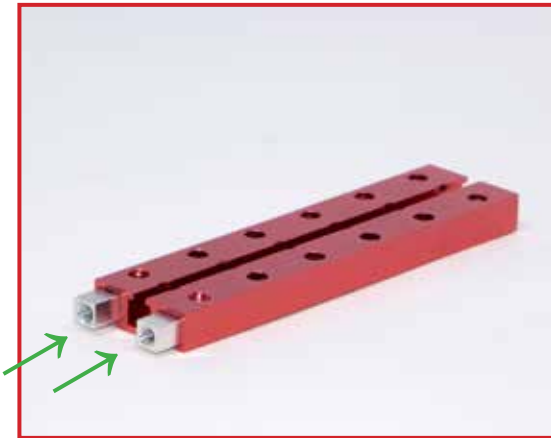
DB8-001



2



3



4

BR3x3



x 1

HEXM4x14



x 2

NUTM4



x 2

Ⓐ

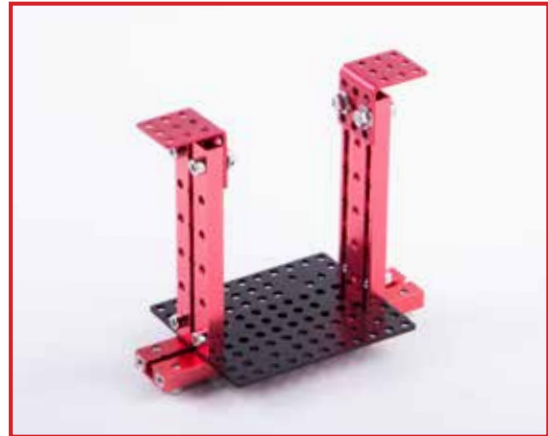
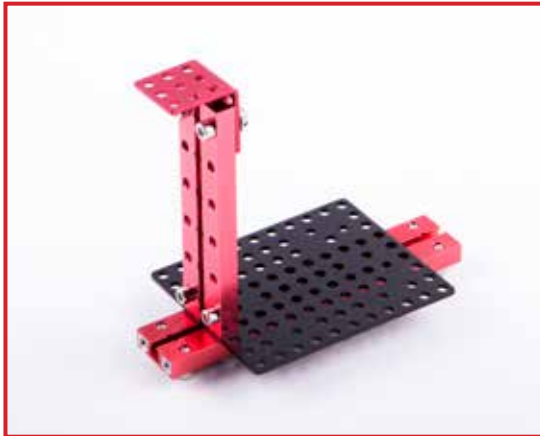
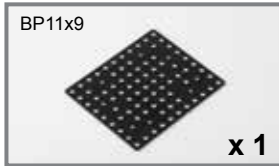


ALKEY30



x2

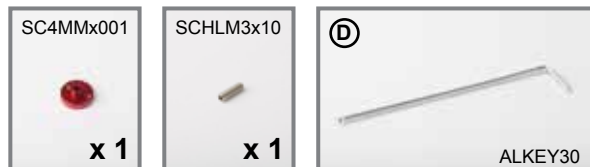
5



6



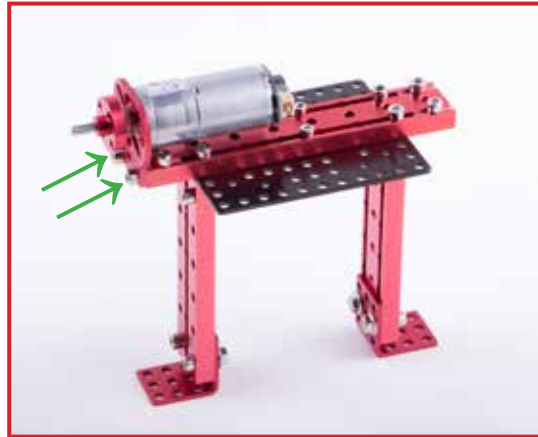
7



8



9

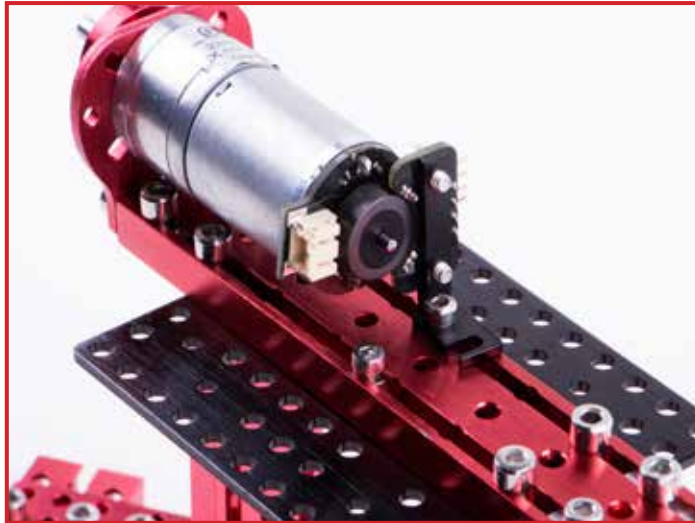


10



x2

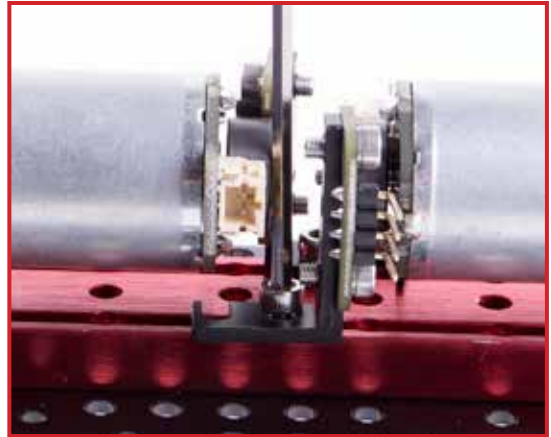
11



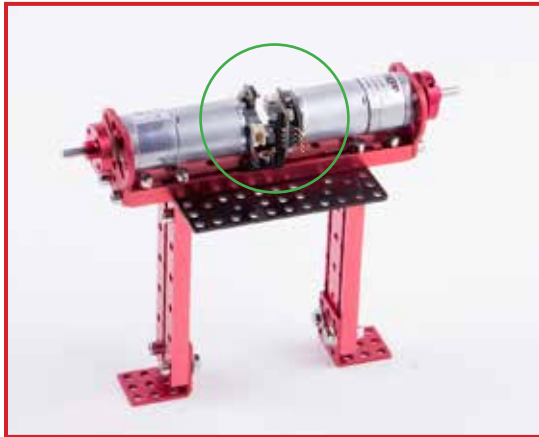
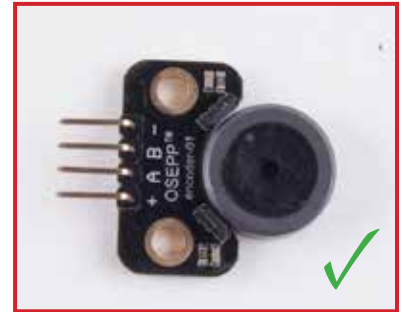
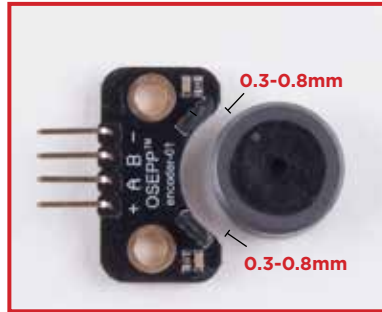
12



13



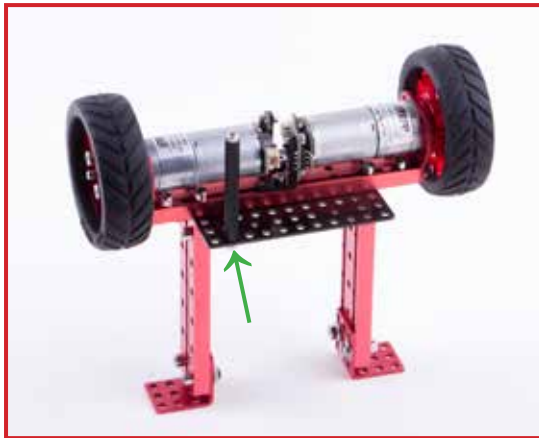
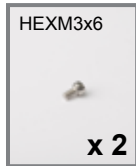
14



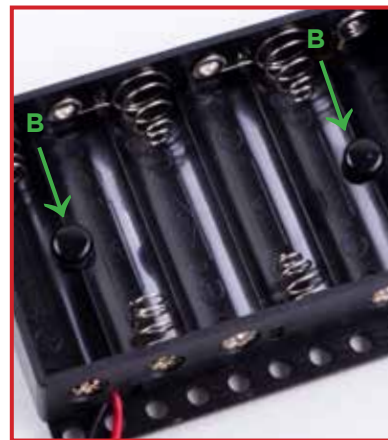
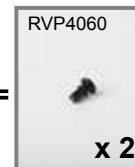
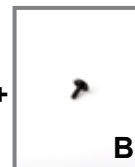
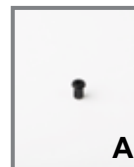
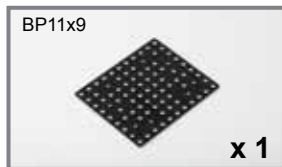
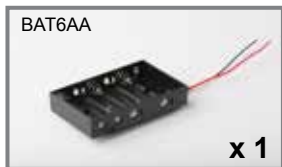
15



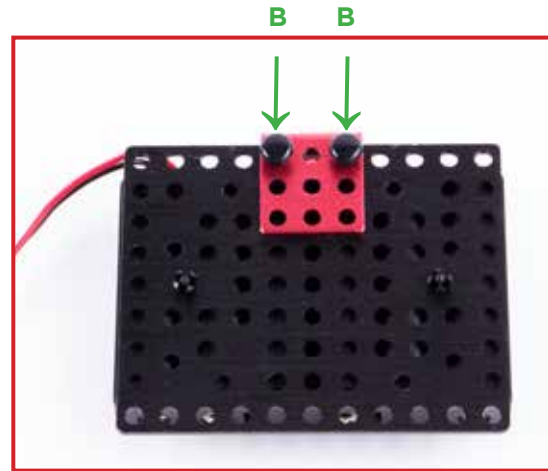
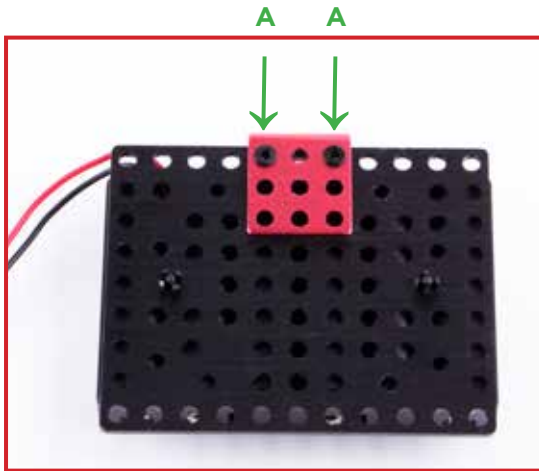
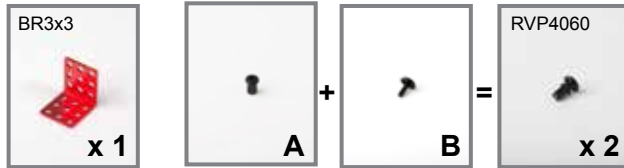
16



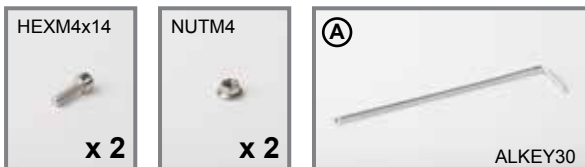
17



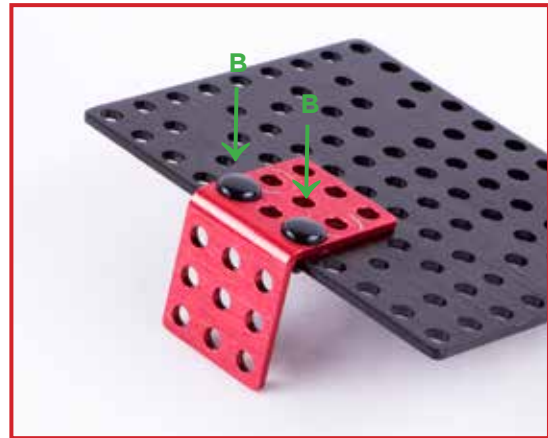
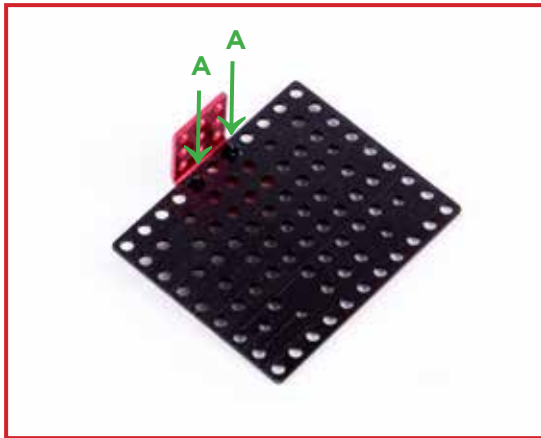
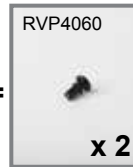
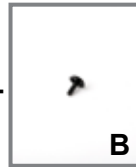
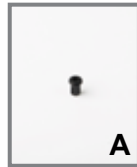
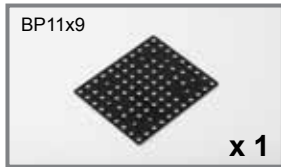
18



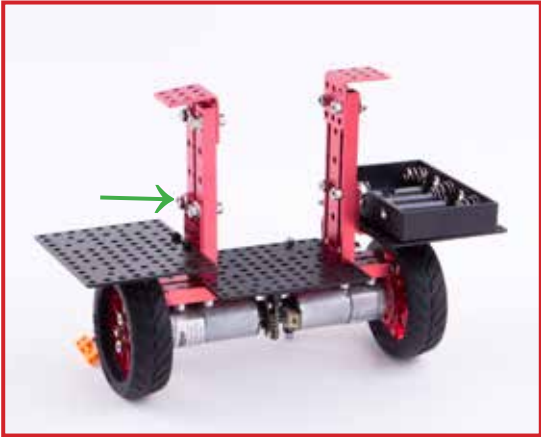
19



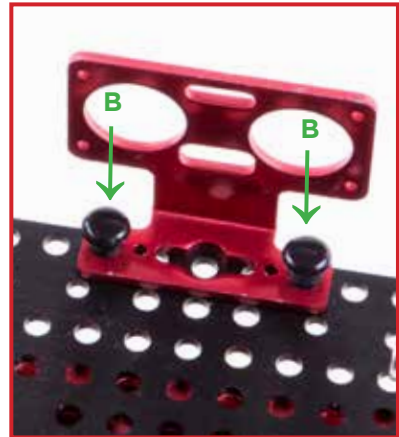
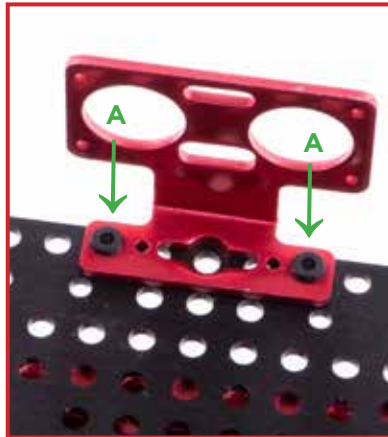
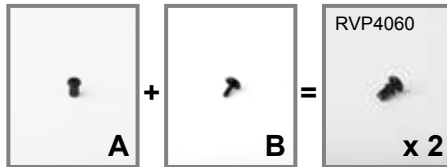
20



21



22



23



24



