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Test Report

Applicant: HOBBY ENGINE MODEL LTD
ROOM 619, 6/F. PENINSULA CENTER, 67 MODY ROAD, TSIM SHA TSUI, HONG KONG

Number: SZHH01168200-002
Date: 28 July 2017

Sample Description
Product : Excavator
Model No. : 0703
Additional Models : 0701 to 0799 INCLUSIVE, 0703C, 0704,0704W, 0705, 0705C, 0706, 0706C, 0707, 0708, 0708C,0711, 0711W, 0712, 0712C, 0715, 0715C, 0717, 0718, 0718C, 0720, 0720C, 0721, 0731

Electrical Rating : Control Unit: 9.0VDC (6 x 1.5V AA batteries);
Receive Unit: 7.2VDC (1 x 7.2V Internal Rechargeable battery)
No. of Samples : 1

Date Received : 24 June 2017

Date Test Conducted : 24 June 2017 to 28 July 2017

Test Requested : Test for compliance with EN 62479: 2010

Test Method : EN 62479: 2010

Test Result : See the attached sheets

Conclusion : The submitted samples Complied with the above safety standard. But the note should be noted.

Prepared and Checked By:

Sign On File
Abel Zhou
Senior Engineer

Approved By:

Digitally signed by jimmy.wen
Location: Intertek Testing Services

Jimmy Wen
Assistant Supervisor
Date: 28 July 2017

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- The test report only allows to be revised only within the report defined retention period unless further standard or the requirement was noticed

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Test Results: Number : SZHH01168200-002

EN 62479: 2010

Clause	Title/Description	Result
1	Scope	
2	Normative references	--
3	Terms and definitions	--
4	Conformity assessment methods	Complied (See Note 2)
5	Assessment report	--

The additional models: 0701 to 0799 INCLUSIVE, 0703C, 0704,0704W, 0705, 0705C, 0706, 0706C, 0707, 0708, 0708C, 0711, 0711W, 0712, 0712C, 0715, 0715C, 0717, 0718, 0718C, 0720, 0720C, 0721, 0731 are the same as the Model: 0703 in hardware aspect. The difference in model number and appearance serves as marketing strategy.

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Note: Number : SZHH01168200-002

(1) When determining the test conclusion, the Measurement Uncertainty of test has been considered.

(2) Conformity assessment method refers to clause 4.2 of EN 62479: 2010, and compares with the Low-power exclusion level stated in Annex A of EN 62479: 2010. When SAR is the basic restriction, a conservative minimum value for Pmax can be derived, equal to the localized SAR limit (SAR_{max}) multiplied by the averaging mass (m):

$$Pmax = SAR_{max}\ m \qquad (A.1)$$

Example values of Pmax according to Equation (A.1) are provided in Table A.1 for cases described by the ICNIRP guidelines [1], IEEE Std C95.1-1999 [2] and IEEE Std C95.1-2005 [3] where SAR limits are defined. Other exposure guidelines or standards may be applicable depending on national regulations.

Example values of SAR-based Pmax for some cases described by ICNIRP, IEEE Std C95.1-1999 and IEEE Std C95.1-2005

Guideline / Standard	SAR limit, SARmax W/kg	Averaging mass, m g	Pmax mW	Exposure tier (a)	Region of body (a)
ICNIRP [1]	2	10	20	General public	Head and trunk
	4	10	40	General public	Limbs
	10	10	100	Occupational	Head and trunk
	20	10	200	Occupational	Limbs
IEEE Std C95.1-1999 [2]	1,6	1	1,6	Uncontrolled environment	Head, trunk, arms, legs
	4	10	40	Uncontrolled environment	Hands, wrists, feet and ankles
	8	1	8	Controlled environment	Head, trunk, arms, legs
	20	10	200	Controlled environment	Hands, wrists, feet and ankles
IEEE Std C95.1-2005 [3]	2	10	20	Action level	Body except extremities and pinnae
	4	10	40	Action level	Extremities and pinnae
	10	10	100	Controlled environment	Body except extremities and pinnae
	20	10	200	Controlled environment	Extremities and pinnae
(a) Consult the appropriate standard for more information and definitions of terms.					

EN62479: 2010 Compliance of the RF Transceiver (Excavator used in General public) bases on test against standard ETSI EN 300 440 V2.1.1 (2017-03): (Report No.: SZHH01168200-001), and the measured maximum E.I.R.P. = -13.0dBm = 0.05mW in 2.4GHz band, it is less than the RF Exposure limit 20mW.

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APPENDIX: Number : SZHH01168200-002

External Photo

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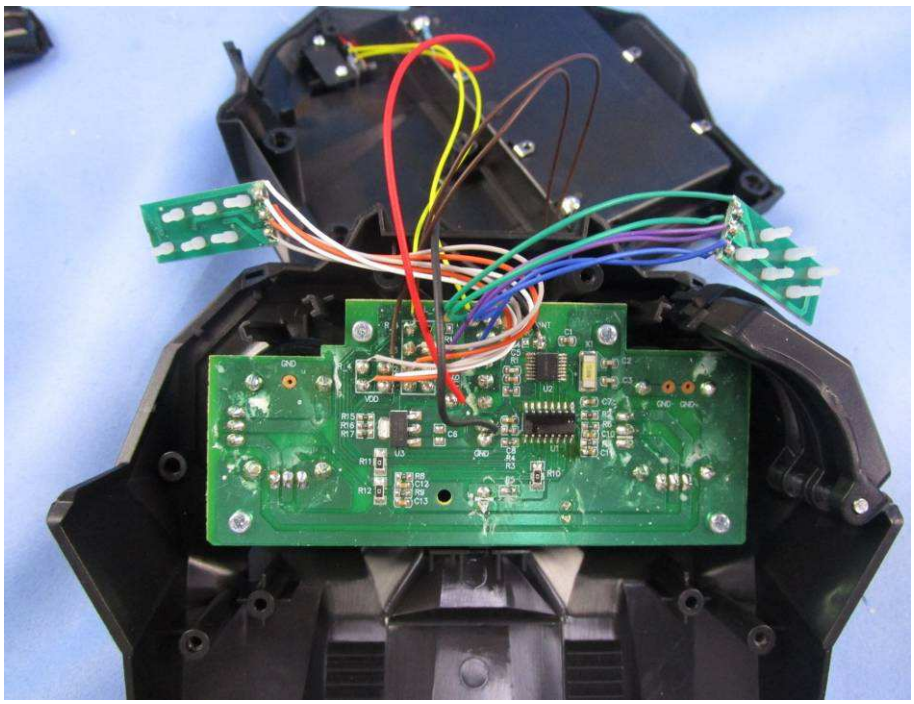
Internal Photo (Control Unit):



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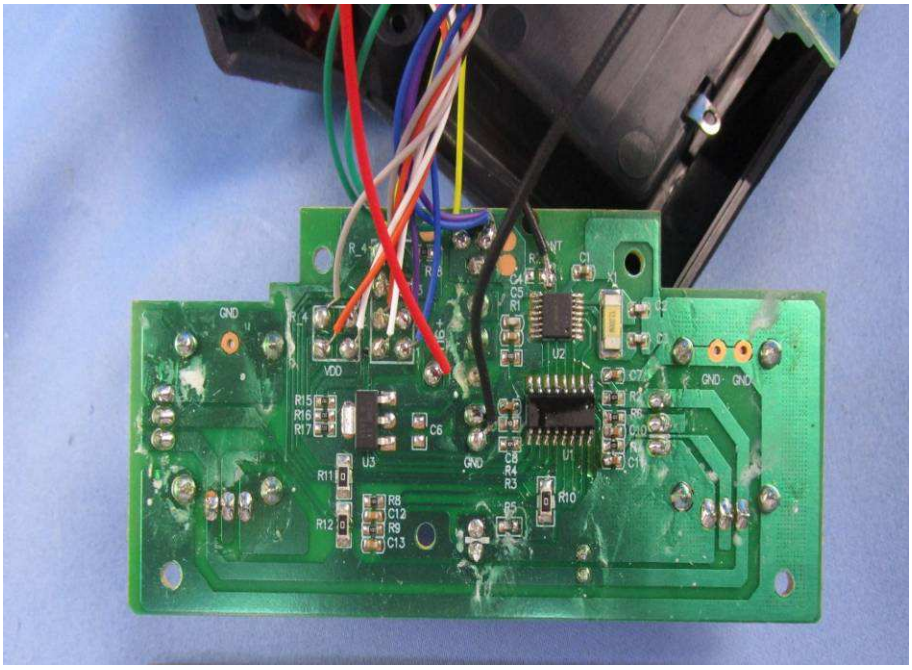

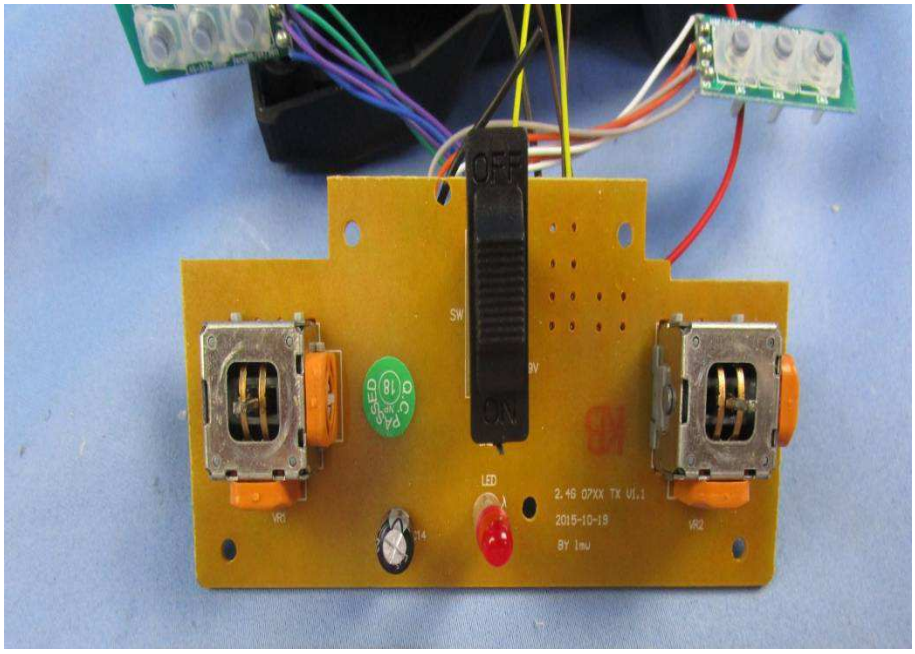

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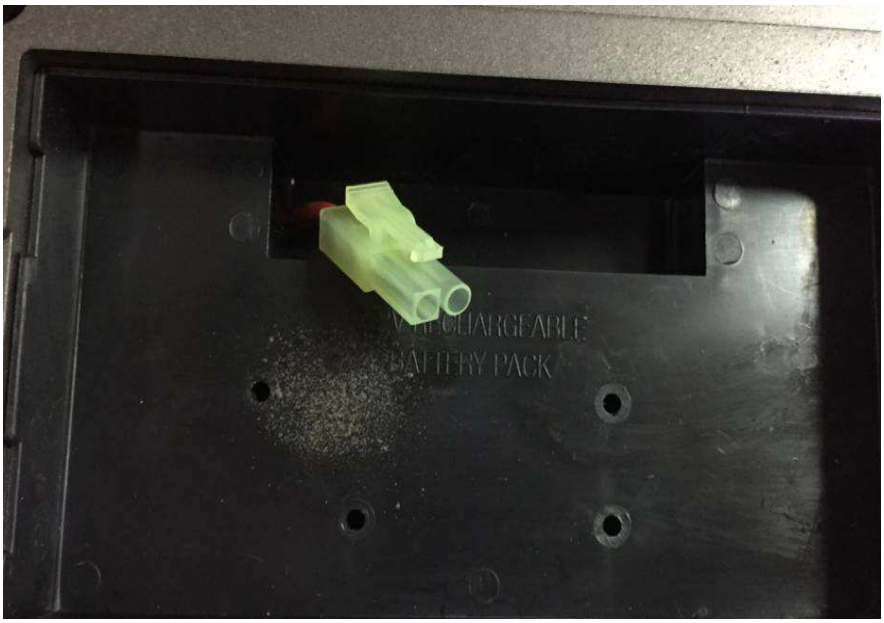

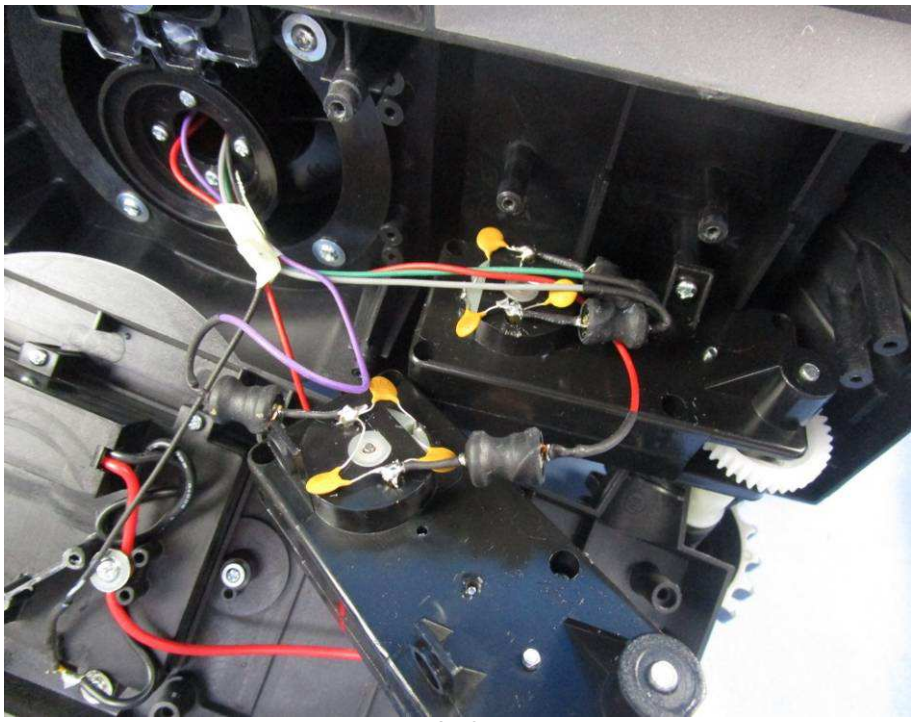

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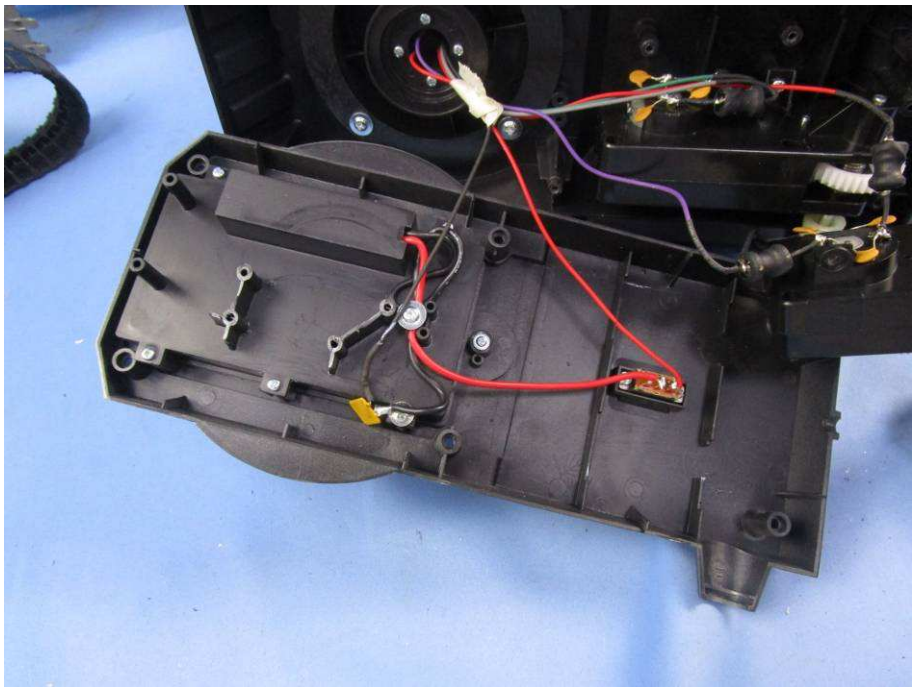

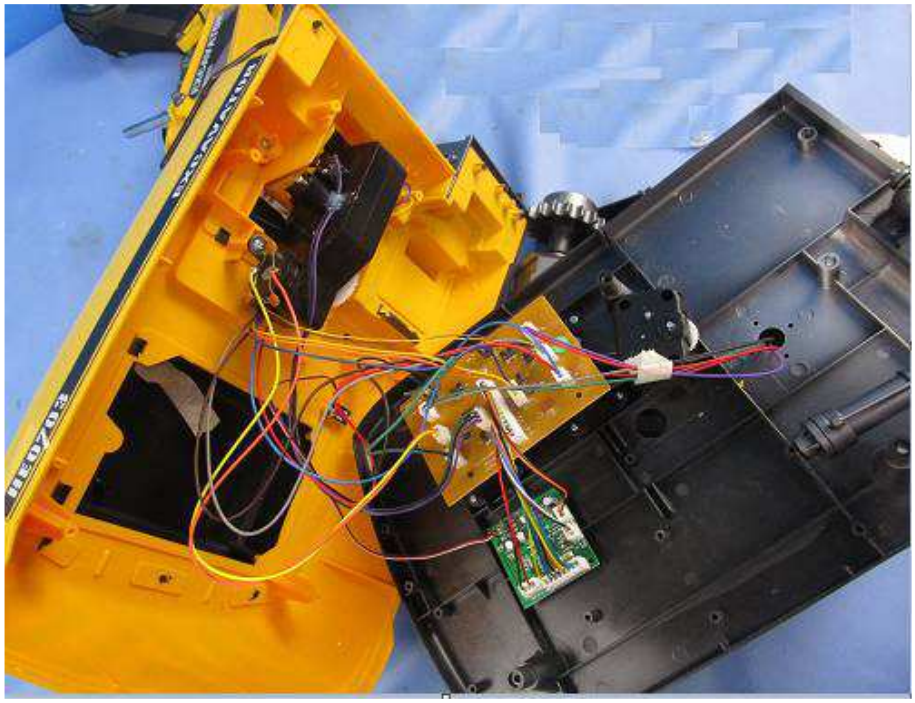

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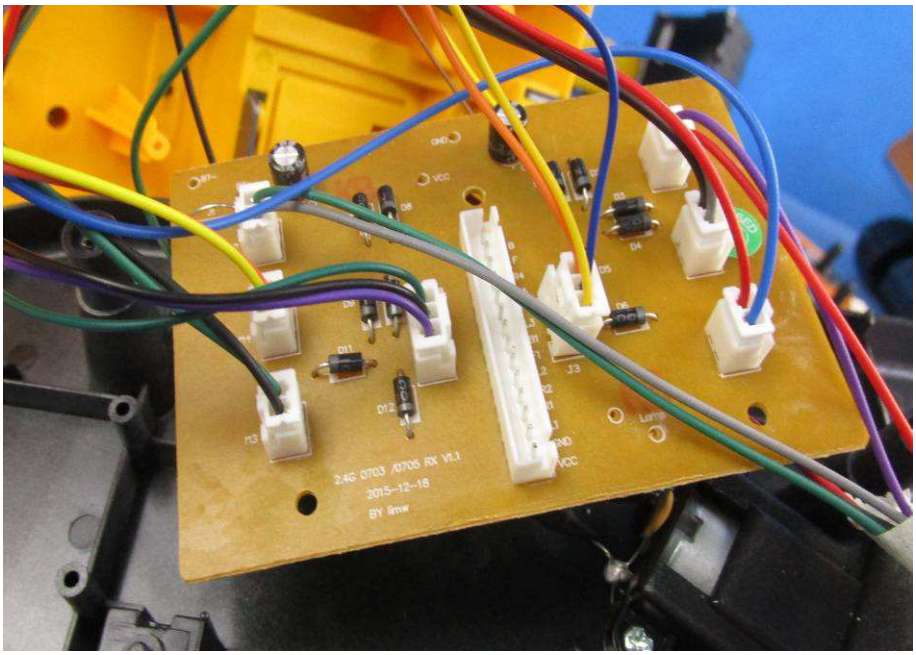

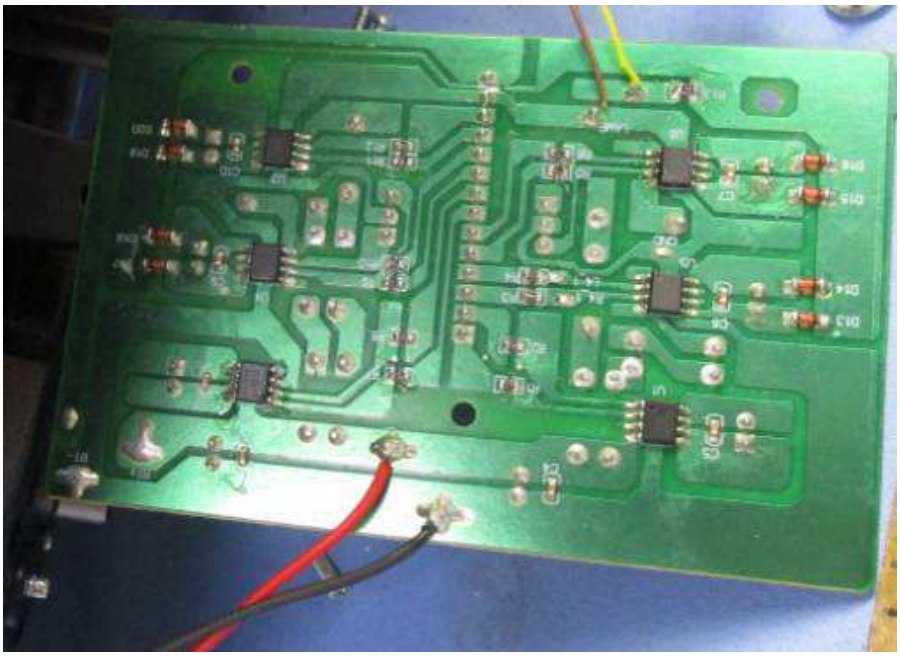

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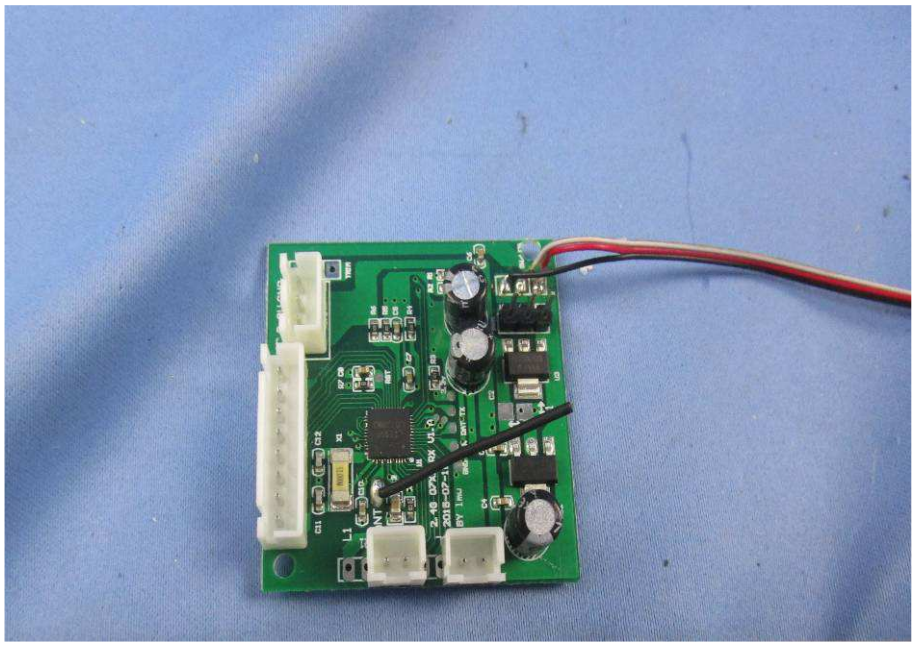

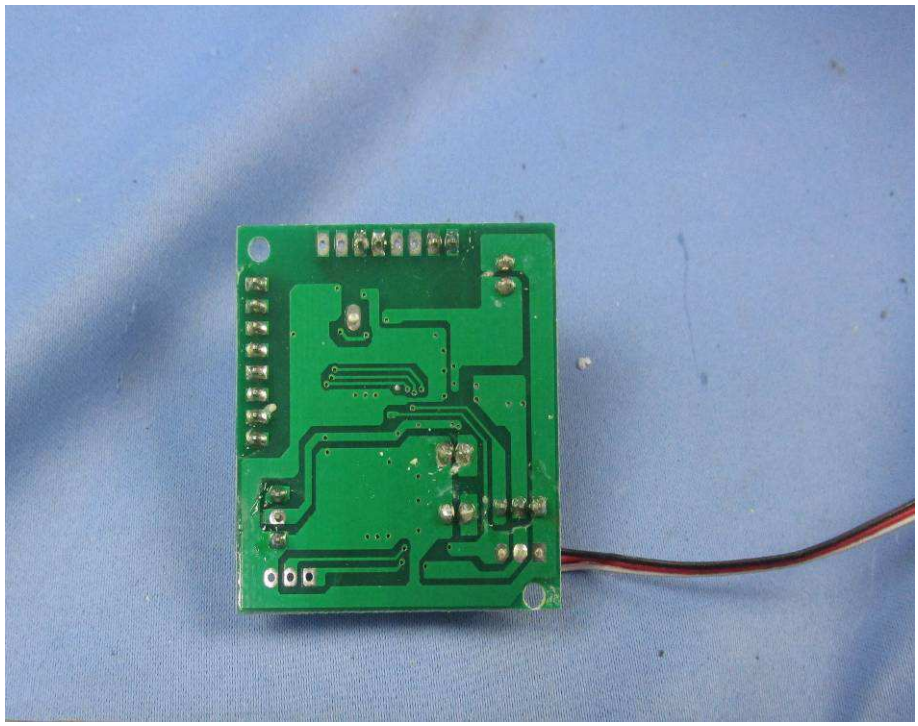

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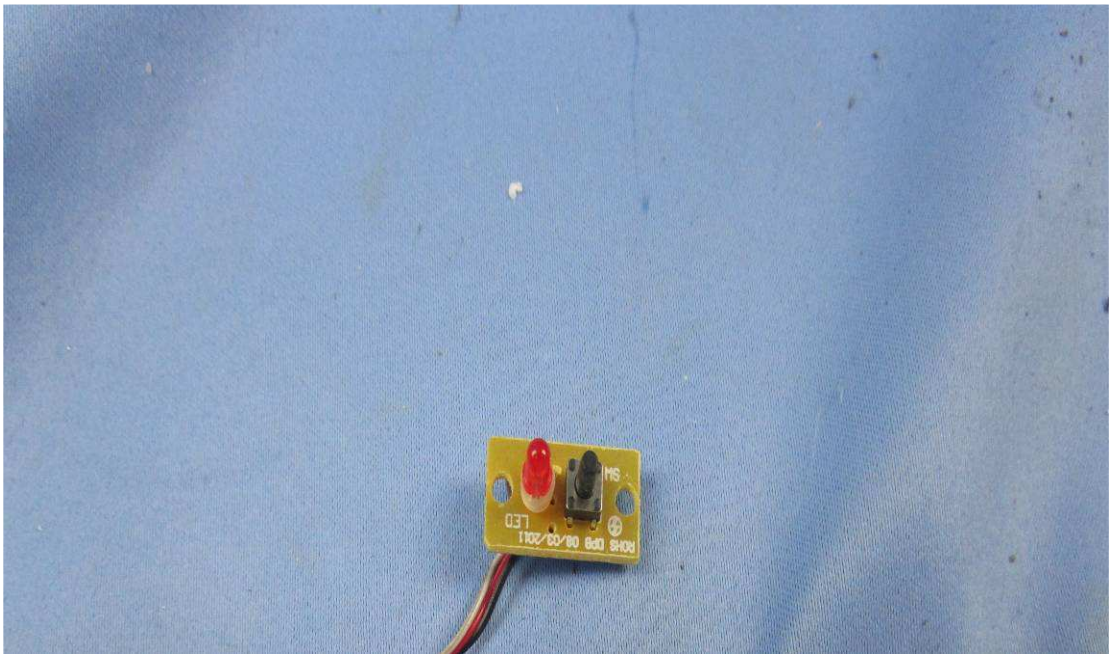

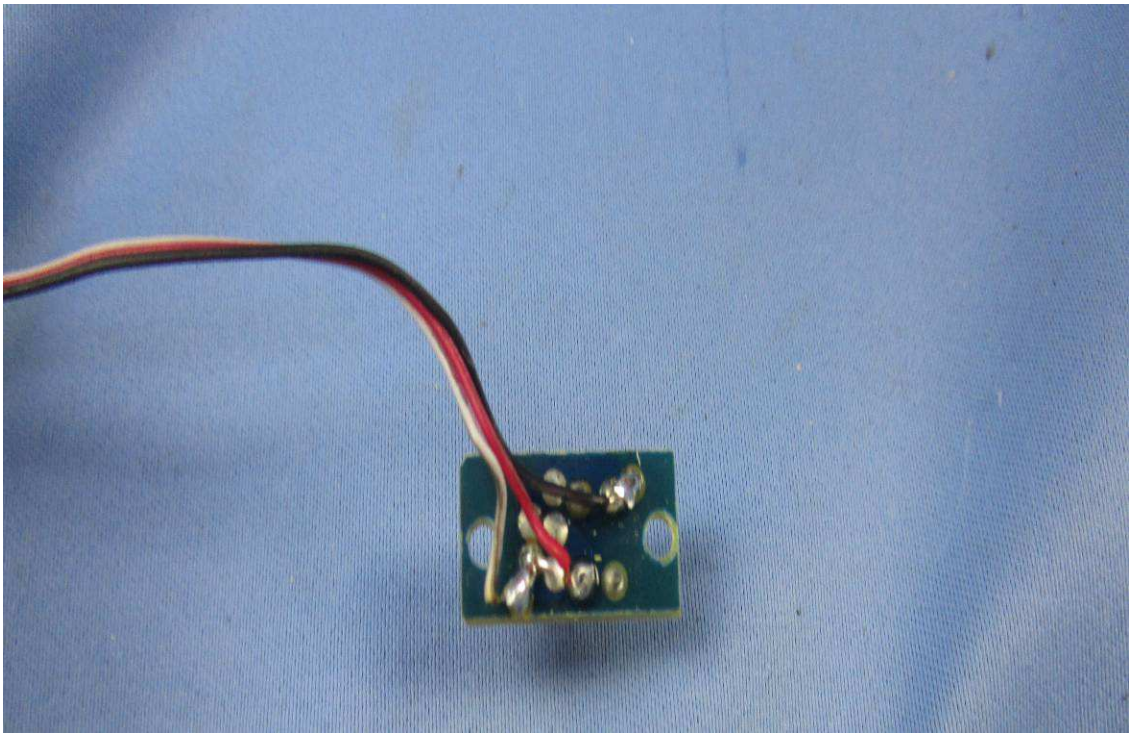

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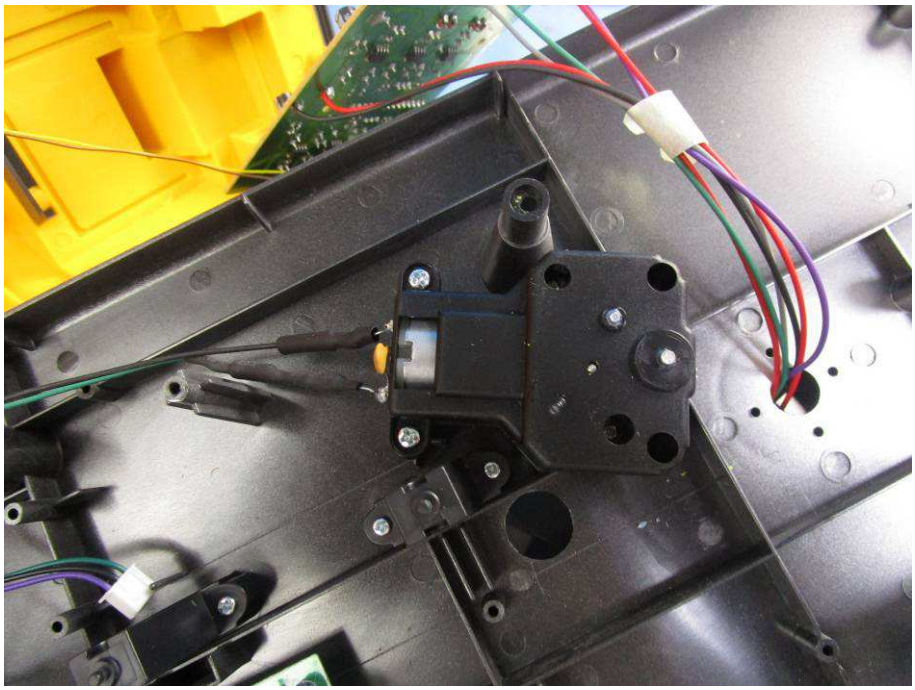

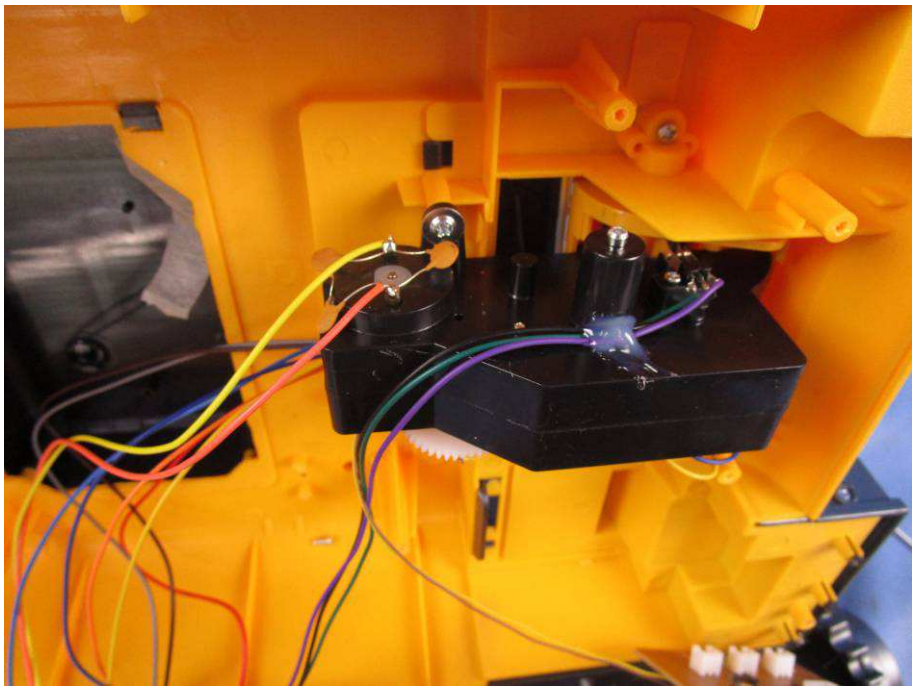

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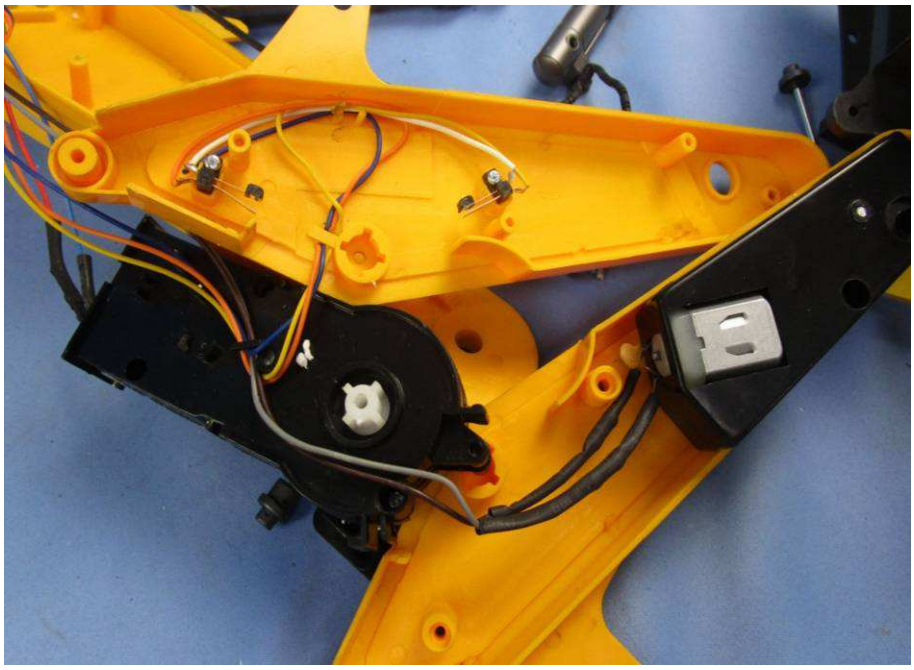

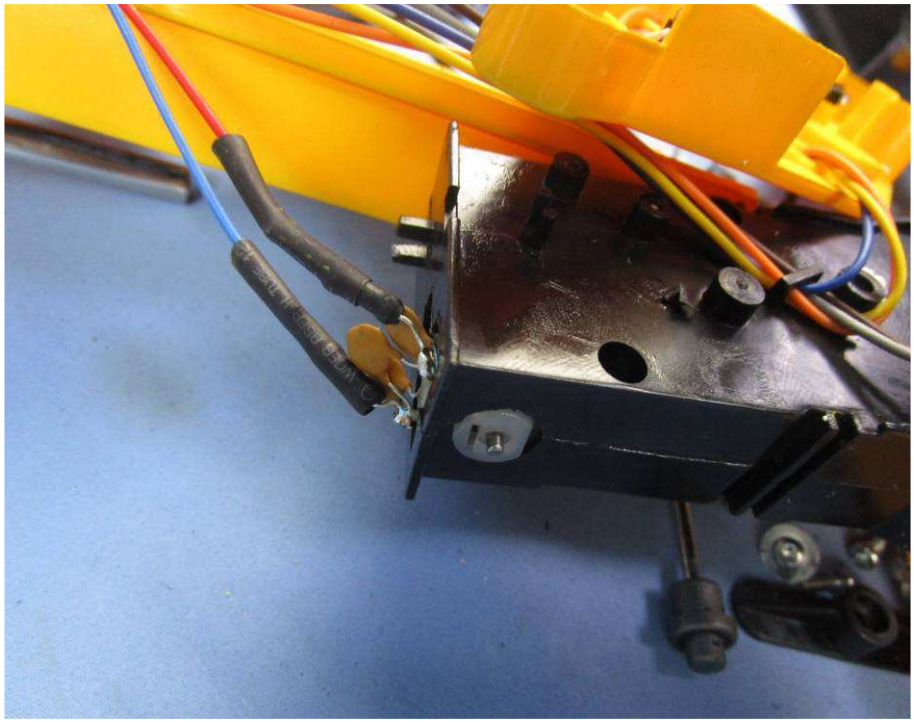

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