

**INSPECTED ARTICLE(S)**



Product view



Product view

**A. GENERAL INFORMATION**

Client Name	N/A	P.O. Number	JQ-TIC220921B
Vendor Name	N/A	Item Number	Cordless Chain Saw
Inspection Date	N/A	Product Name	Fiat Profession Handheld Chain saw
Inspection Location	N/A	Booking/Shipment Total Quantity	2640 PCS
Inspection Type	Final Random Inspection (FRI)	Combined Sampling	No

**B. INSPECTION RESULTS**

<b>OVERALL CONCLUSION</b>	<b>Pending</b> Due to Remark#1,2
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INSPECTION SUMMARY	Conform	Not Conform	Pending	Not Applicable	Remark
Client special check points				✓	N/A
Visual and Workmanship	✓				N/A
Quantity Conformity	✓				N/A
Product & Package Conformity			✓		Remark#1
Data Measurement / Field Test			✓		Remark#2

**C1. PROBLEM REMARKS**

NO.	Description
1	No approval samples & CDF were provided by applicant or supplier for comparison on site.
2	Factory did not provide suitable equipment for High voltage test & hardness for edge of blade check.

**C2. INFORMATIVE REMARKS**

NO.	Description
1	All inspection photos you can reach at below link <a href="http://www.testcoo.com/original_photos">www.testcoo.com/original_photos</a>

**D. Client Special Check Points**

Item	Title	Client special check point	Result
N/A			

**E. Visual and Workmanship**

Inspection Standard	ANSI/ASQ Z1.4 Single Sampling Plan		
Inspection Level	I		
Defect Classification	Critical	Major	Minor
AQL	0	1.5	4.0
Sample Size	50	50	50
Max Allowed	0	2	5
Total Found	0	0	2
Details of Defect Found	Critical	Major	Minor
<b>For Item #Fiat Profession Handheld Chain saw, Sample Size: 50</b>			
Slight scratched	0	0	2

**For Item #Fiat Profession Handheld Chain saw**



Slight scratched on handle-min



Slight scratched on surface-min

**F. Quantity Conformity**

Item Number	P.O. No	Order Qty	Shipment Qty	Presented Qty for inspection		Number of Cartons		QTY Not Finished
				Packed	Not packed	Packed	Not packed	
Fiat Profession Handheld Chain saw	JQ-TIC220921B	2640	2640	2640	0	264	0	0
<b>Total</b>		<b>2640</b>	<b>2640</b>	<b>2640</b>	<b>0</b>	<b>264</b>	<b>0</b>	<b>0</b>
<b>Total 17 cartons were selected randomly Selected carton number</b>								
If carton number available	No							

**G. Product and Package Against Approval Sample/Documents**

Inspection Reference	N/A			
Check point	Conform	Not Conform	Pending	Not Applicable
Product Appearance			✓	
Accessories	✓			
Packing	✓			
Labeling / Marking	✓			

**Packing method**

For Item #Fiat Profession Handheld Chain saw	
Unit Package	Package: Color box
Inner Packing	Quantity: N/A Package: Not Applicable
Outer Packing	Quantity: 10 Package: Export Carton
	Length: 65.5cm Width: 37.5cm Height: 45.5cm Weight: 22.36kg

**H. Data Measurement / Field Test**

	Test Item	Test Requirement	Test Data	Test Quantity	Test Result
1	Transportation drop test (not applicable for fragile item)	No critical & Major issue found on package & product after (10 times) drop test according to the standard of ISTA 1A.	No failure	1 per style	Conform
2	Product Size / Power cord length / Weight Measurement	According to product spec or approved sample. Apply +/- 3% if no detail tolerance issued or requirement from client	Refer to Measurement chart	5 pcs	Conform
3	Barcode scan check	The barcode must be scannable and with the correct number.	No failure	5 pcs	Conform
4	Assembly/ installation check	Should be assembled/ installed smoothly according to the instruction manual or guideline , and no issue found.	No failure	5 pcs	Conform
5	Full function check (including the function which only can be checked after fully assembling.)	All captioned function is well conducted as intended. such as cutting, adjustable function, tools bits/blade installation/adjusting, switch/knob action check etc. all of function should be complied with claims.	No failure	5 pcs	Conform
6	High voltage test	Conduct the test for 1 second (5mA) at the voltage required between the tested parts (the voltage refer to the actual category product requirement or otherwise refer to below. ) The testing voltage required: Class I ?1000Vac Class II ?2500Vac Class III 400Vac no insulation breakdown	See remark	/	Pending
7	Power on check( without load)	The good condition samples should be operating at full load (preferable) at least 4 hours at rated voltage or time reference the user instruction if less than 2 hours. after testing the samples should pass the hi voltage check, function check, earth continuity check etc., and no defect found.	No failure	5 pcs	Conform
8	Speed check (no load)	the blade speed at rated voltage should be complied with claims (+/- 10%)	4090-4142 r/min	5 pcs	Conform
9	Charger output voltage and current check	output voltage 21V;output current1.3A	output voltage 21.6-21.7V output current 1.26A	5 pcs	Conform
10	drop test (for hand held item)	For hand held battery-powered tool, battery package, transformer/adaptor, hand held battery-powered tool with battery package: 900±50 mm, 3 vary directions . no malfunction or safety issue found	No failure	5 pcs	Conform
11	Internal workmanship and critical component check	check internal construction completement and main components according with CDF (Constructional Data Form) or CCL (critical components list )	See remark	5 pcs	Actual Finding
12	Rubbing test for rating label and adhesive Test for printing, marking and logo	Rub the rating label for 15 seconds with water, then for 15 seconds with petroleum spirits.	No failure	5 pcs	Conform
13	Charging / discharging check (for recharging battery) (if applicable)	it should be charged /discharged as requirement.	Charging:73-77 min Discharging :54-63min	5 pcs	Conform

14	hardness for edge of blade check	it should be complied with requirement or no less than 48HRC (55HRC for the blade for cutting metal).	See remark	/	Pending
15	Battery voltage check	18V	full : 20.4 V after discharge: 15.46-16.87 V	5 pcs	Actual Finding
16	Smell check	No burning, irritating odor	No failure	50 pcs	Conform

**Measurement chart**

Check	sample 1	sample 2	sample 3	sample 4	sample 5	Spec
Gross weight(kg)	22.36					22
carton size (cm)	65.5x37.5x45.5					65.5x37x44
sales package weight(kg)	2.12					/
sales package size(cm)	35x13x21.5					/
Product weight(kg)	1.19	1.19	1.19	1.19	1.19	/
Product size (inch)	6	6	6	6	6	6

Measurement chart



**I. INSPECTION PHOTO ( All inspection related photos with descriptions )**

For Item #Fiat Profession Handheld Chain saw



Master carton view



Master carton view



Main mark



Main mark detail



Side mark



Side mark detail



Open carton view



Carton packing method



Product packing method



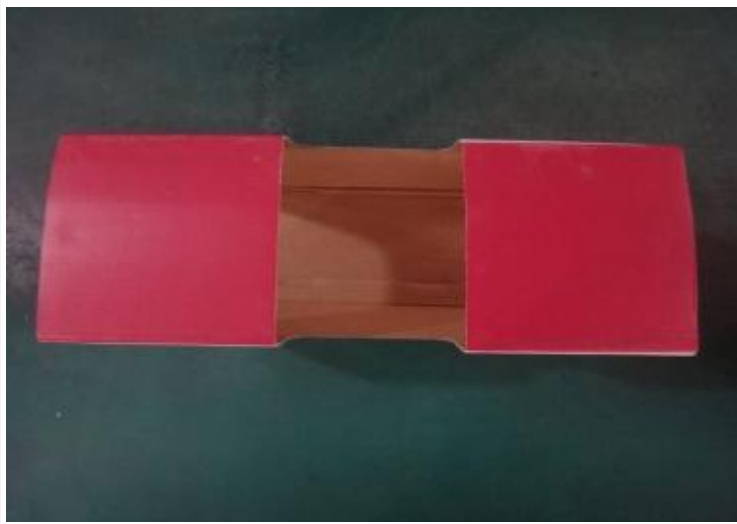
Product packing method



Color box view



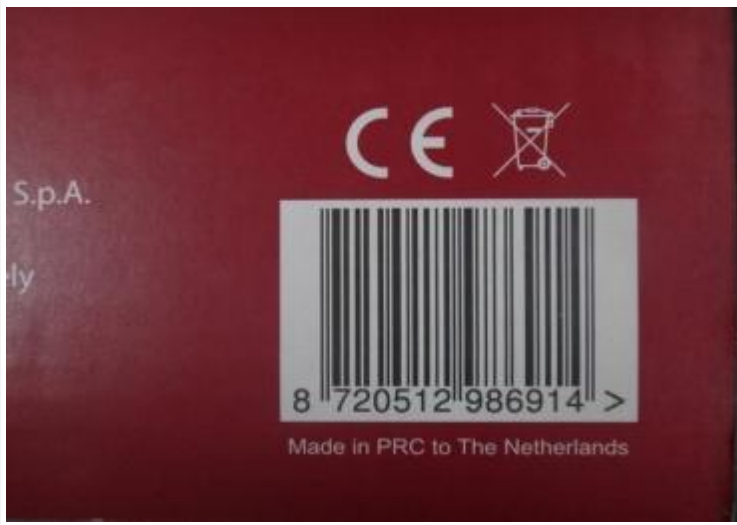
Color box view



Color box view



Color box view



Color box detail



Product view

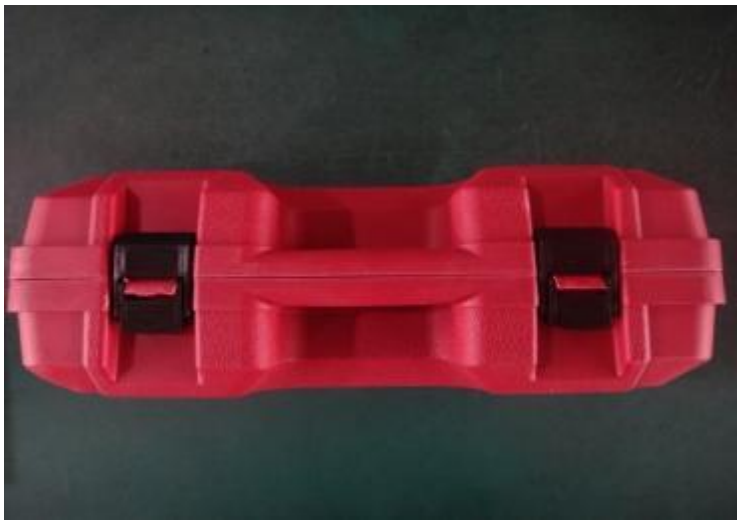


Product view



Product view





Product view



Product view



Product view



Chain packing method



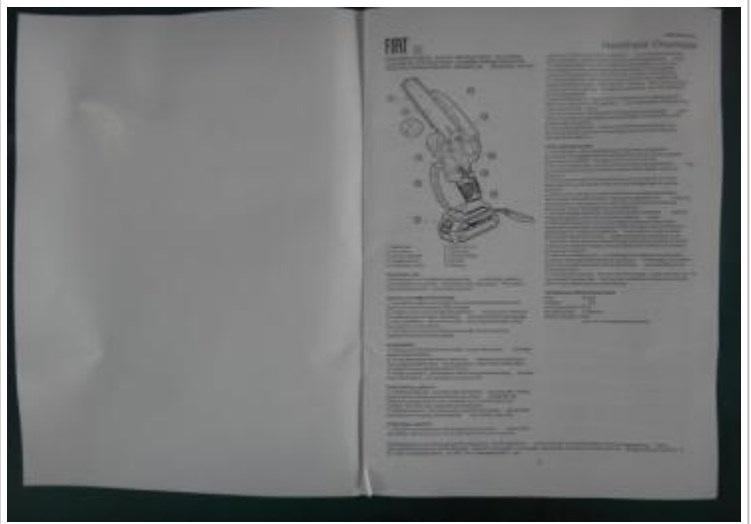
Chain packing method

PITCH	GAUGE				CUTTER END VIEW	KICKBACK REDUCING FEATURES	DIAMETER OF ROUND FILE
	043"	050"	058"	063"			
1/4"(D)	D-43	D-50			?	☺	3.0mm
	D-43S	D-50S			?	☺	4.0mm
3/8"(ALP)	ALP-43	ALP-50			?	☺	4.0mm
	ALP-43S	ALP-50S			?	☺	4.0mm
3/8"(B)		B-50	B-58	B-63	?	☺	4.8mm
		B-50S	B-58S	B-63S	?	☺	4.8mm
		B-50-SQ	B-58-SQ	B-63-SQ	?	☺	4.8mm
		B-50S-SQ	B-58S-SQ	B-63S-SQ	?	☺	4.8mm
3/8"(A)		A-50	A-58	A-63	?	☺	5.5mm
		A-50S	A-58S	A-63S	?	☺	5.5mm
404"(C)			C-63	?	☺	5.5mm	

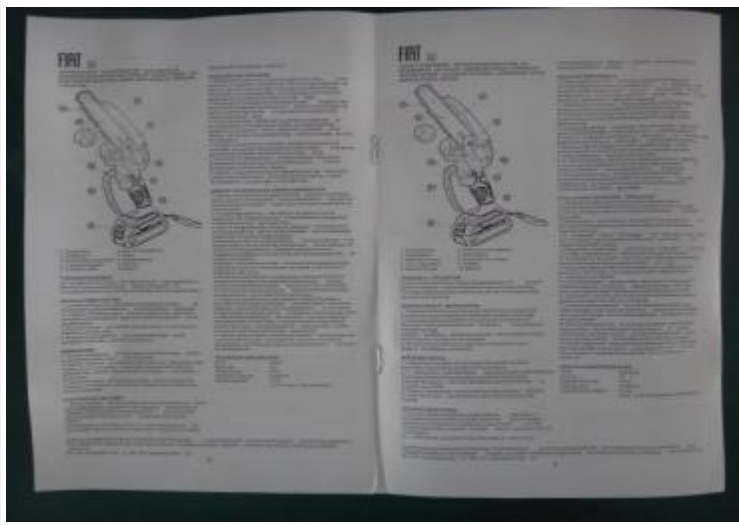
Chain packing detail



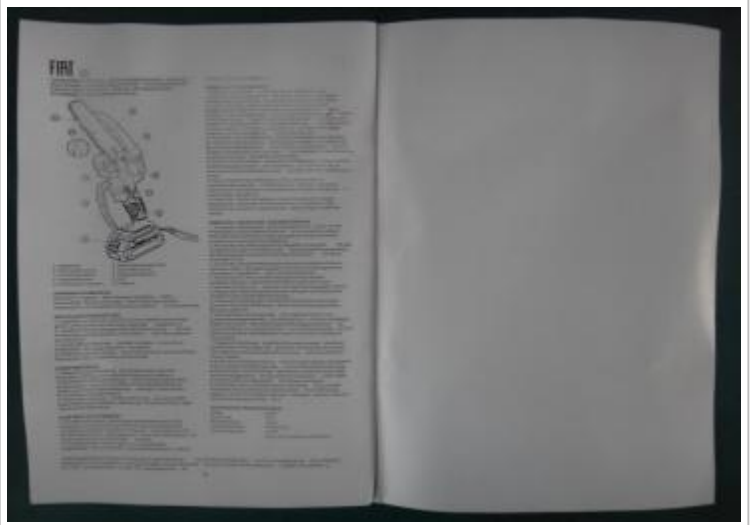
IM



IM



IM



IM



IM



Product view



Charger



Charger



Charger



Charger



Charger



Charger





Battery



Battery



Battery



Battery



Battery



Battery





Battery



Battery



Product view



Product view



Product view



Product view



Product view



Product view



Product view



Product view

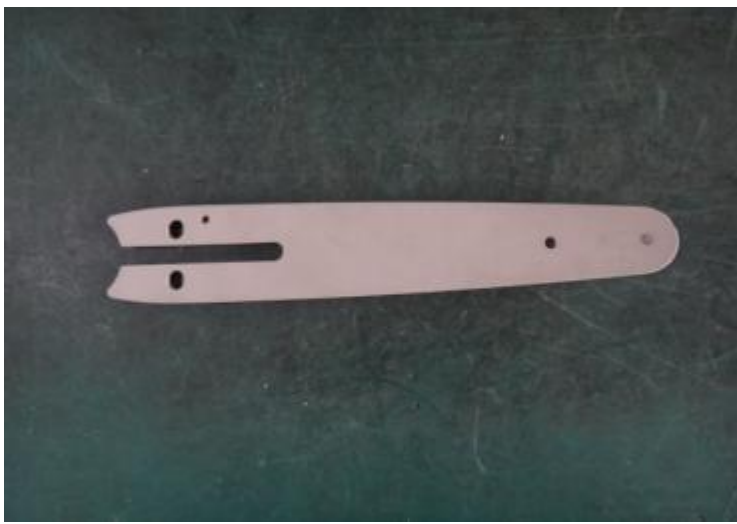


Product view



Product view





Product view



Product view



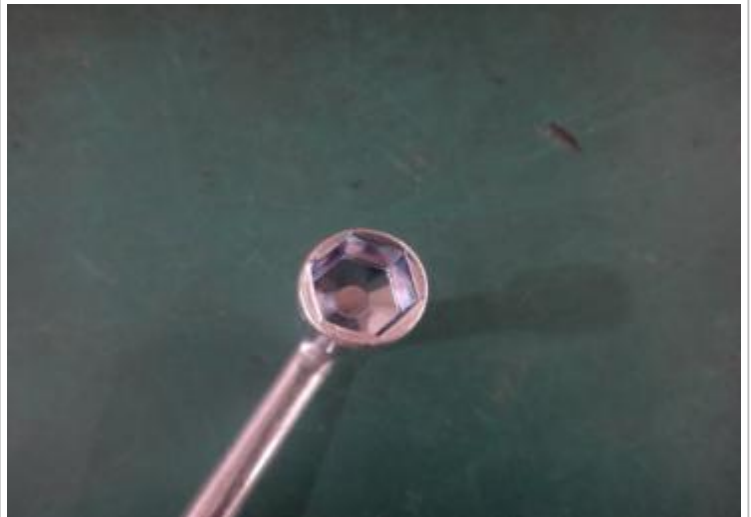
Product view



Product view



Accessory



Accessory



Product view



Product view



Product view



Product view



Product view



Product view

Test photo

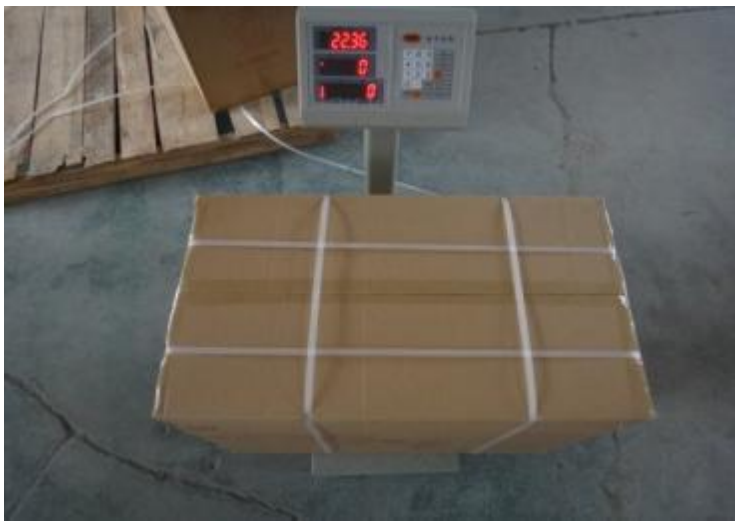




Transportation drop test



Transportation drop test



Gross weight check



Gross weight check



Carton size check



Carton size check



Carton size check



Carton size check



Carton size check



Carton size check



Sales package weight check



Sales package size check





Sales package size check



Sales package size check



Product weight check



Product size check



Barcode scan check



Assembly/ installation check



Assembly/ installation check



Assembly/ installation check



Function check



Function check



Running check



Running check





Charging check



Charging check



Speed check



Rubbing check



Charger output voltage check



Charger output current check



Product drop test



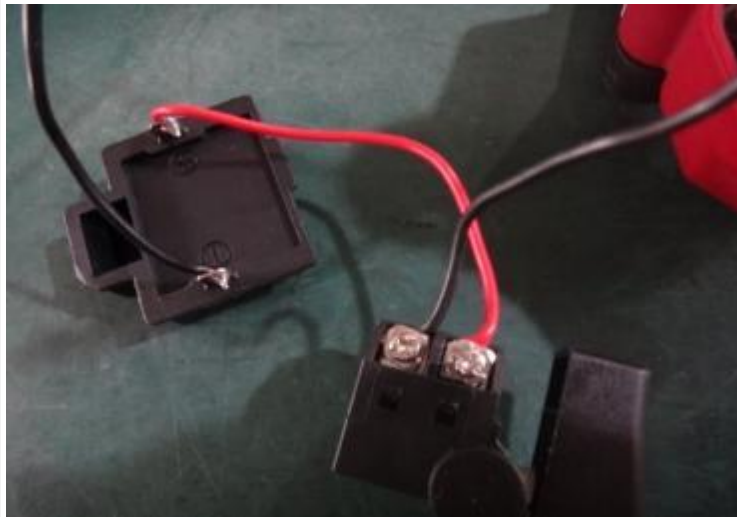
Product drop test



Product drop test



Internal workmanship and critical component check



Internal workmanship and critical component check



Internal workmanship and critical component check





Internal workmanship and critical component check



Internal workmanship and critical component check



Internal workmanship and critical component check



Internal workmanship and critical component check



Internal workmanship and critical component check



Internal workmanship and critical component check





Battery voltage full



Battery voltage after discharge

**Other Images Recorded During Inspection (Factory Gate,Storage,Packing List)**



Factory gate



Storage



Sampling cartons



Sampling cartons



Sampling cartons

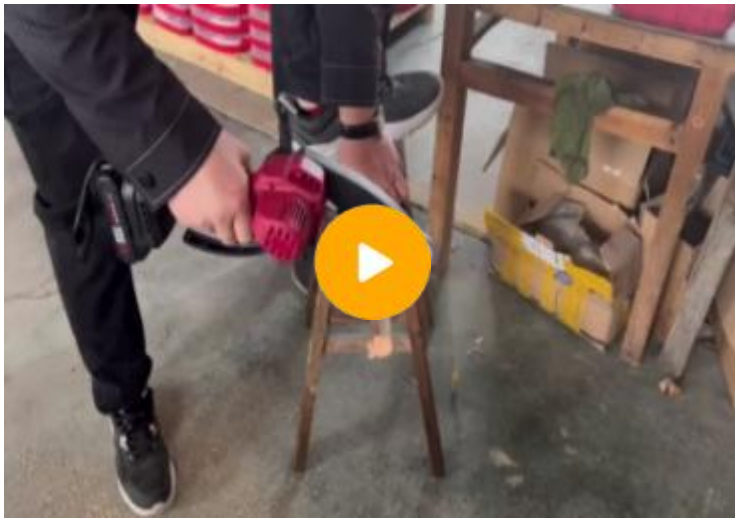


Sampling products

**J. Validation Team**

Inspected By		Inspection Date	
Reviewed By		Review Date	
Approved By		Approval Date	

**K. Others**



Function check.mp4



N/A