



U.S. CONSUMER PRODUCT SAFETY COMMISSION  
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March 24, 2015

Mr. John Stimitz  
UL LLC  
1285 Walt Whitman Road  
Melville, NY 11747-3081

Dear Mr. Stimitz:

U.S. Consumer Product Safety Commission (CPSC) staff is committed to working with UL to identify and implement effective solutions to reduce the estimated 33,200 average annual emergency room-treated injuries associated with table saws.<sup>1, 2</sup> On February 13, 2015, UL requested comments to a proposal on UL 987 Ed. 8. 1., Proposed Addition of Active Injury Mitigation System (AIMS) Requirements for Table Saws. The comment period and voting are open until March 30, 2015.

The proposal includes new requirements for an AIMS to mitigate injury from a rotating table saw blade. The proposal specifies a surrogate test finger (STF) and performance requirements for the table saw when the STF contacts the blade at three different approach rates.

Since June 2014, CPSC field staff has conducted three In-Depth Investigations (IDIs) and CPSC contractors have completed two IDIs (completed NEISS surveys) of table saw injuries associated with the use of the modular blade guard, the device recently advanced by the industry as a solution to the large number of injuries from rotating table saw blades.<sup>3</sup> Three injuries were due to blade contact. I have enclosed the IDIs for the Standards Technical Panel (STP) and table saw working group to review. Since the publication of an ANPR for table saws in 2011, CPSC staff has stated the need for safety requirements beyond a blade guard system to reduce blade contact injuries on table saws. After reviewing these IDIs, we support UL's proposed addition of

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<sup>1</sup> Estimated average annual injuries are based on data from the CPSC's NEISS in the years 2009 through 2013 for table saws (product code 0841).

<sup>2</sup> The comments in this letter are those of the CPSC staff and they have not been reviewed or approved by, and may not necessarily reflect the views of, the Commission.

<sup>3</sup> CPSC staff stated in an advance notice of proposed rulemaking (ANPR), published October 11, 2011, that the modular blade guard requirements in UL 987 may not adequately address the operator blade contact injuries associated with table saw use because the blade guard design depends on the user to install the blade guard.

an AIMS requirement for Table Saws. CPSC staff believes that AIMS-performance requirements are essential to address table saw injuries, and we urge the STP and UL to accept the proposal to incorporate these requirements into the standard.

CPSC staff recognizes that due to the light weight of bench saws, implementing an AIMS could be technically challenging but not impossible. We agree with the stability requirement:

**43A.5 Stability**

43A.5.1 A bench top table saw shall not create a hazard due to displacement or loss of balance as a result of operation of the AIMS.

CPSC staff recognizes that the inclusion of an AIMS may require substantial redesign of current bench saws to meet the stability requirement; and CPSC staff recognizes that manufacturers of bench saws may need additional time to implement an AIMS that can meet the proposed stability requirement. For this reason, CPSC staff encourages the STP to accept the proposed addition of the AIMS requirements for table saws and consider a reasonable effective date for implementation to bench top portable table saws.

If you have any questions or comments, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Colin Church", is positioned below the word "Sincerely,".

cc: Colin Church, CPSC Voluntary Standards Coordinator

Enclosures



131022HCC1048

This investigation was initiated from a manufacturer's batch report. The final report is under a prohibited disclosure sheet.

The product identified in this incident is an electric ten inch floor model table saw. The saw components consist of a fence, blade guard and miter guide square. The blade guard was not in use at the time of the incident. The product was equipped with what appeared to be a ten inch carbide tipped blade with no markings. The product was being utilized in the victim's basement at the time of the incident.

The victim in this incident is a 48 year old female who suffered a severe laceration to her left thumb. The victim can move her thumb from left to right but can no longer bend the thumb and states she will never be able to do so.

The victim resides with her husband in a very rural area. The home is situated on approximately ten acres of land. The victim and her husband have numerous goats and pigs in which they pasture on their land. She stated that in doing so they move and rotate sections of fence to access new pasture for their animals.

The female victim indicated that she took shop classes at her high school and was familiar with the use of a table saw. She stated that on the day of the incident she had prepared to rip pine 2 X 2s down to 1 X 2s to be utilized on a section of fence. The lumber was used lumber rather than new.

She also indicated that her husband at some point had changed the ten inch blade which came with the saw and placed another brand blade on it. (SEE: Product Identification) The saw fence and square were original saw components.

She stated that the saw has been moved to the garage area but at the time of the incident it was located in a room off of the garage where their wood burning stove is located. (SEE: Attachment #1 Photographs)

The victim said that her husband had taken the guard off of the saw and she did not know where he had placed it. She stated that the 2 X 2s were four to five feet in length.

The victim stated that on March 09, 2012, she began ripping the four to five foot long 2 X 2s in half (lengthwise), which would create one inch board widths. The victim said she had the saw fence set to approximately a one inch width from the blade. She also said that in the ripping process the boards were directly against the fence. She stated that she had ripped seven or eight boards and that she was actually ripping the last board when the incident occurred. She said that she had her right hand to the front of the board and her left hand pushing from the rear, which was closest to her body. In doing so the board kicked back. When the board kicked, it pushed the board and her right hand upward and away from the saw blade. During that upward action the rear of the board was pulled toward the blade along with her left hand and thumb. She suffered a severe laceration to her left thumb from the blade.



131022HCC1048

The victim went to the local hospital for emergency treatment. She was hospitalized for a week and they placed several rods in her thumb. She indicated that she has undergone four separate surgeries and use of her thumb is limited to a side to side motion. She stated her thumb will not bend because of the inserted rods. She stated that the second surgery required another two day hospital stay and the third and fourth were same day surgeries.

The victim is unaware of her total medical fees at this time.

The victim stated that she had been watching TV after the incident and saw a lawyer's commercial regarding the saw that she was injured on. She stated that she called the number provided on the commercial and the firm is in the process of filing a lawsuit on her behalf. (SEE: Attachment #1 photo 16) She stated that she has sent all of the information and documents requested to the law firm.

The victim at the time of the onsite could not recall where she and her husband had purchased the saw.

The victim indicated that after the incident her husband had utilized the saw to cut some other lumber so the settings in the photographs are different than those when the incident occurred.

This investigator called the victim after the onsite and she indicated that she located the manual for the saw and upon doing so she recalled which retailer they purchased the product from. She was unsure of the specific date in which it was purchased other than it had been two or three years ago.

The victim provided this investigator the opportunity to copy several photographs of the injury to her thumb prior to treatment (SEE: Attachment #1 photos 14 and 15).

The victim was unable to provide a purchase receipt for the product. The victim was unable to provide a copy of any medical records upon request.

The victim endorsed a release of name form authorization requesting that her name remain confidential.

#### **PRODUCT IDENTIFICATION:**

The first product identified in this incident is a [REDACTED] ten inch floor model table saw with safety guard, fence and miter guide square. The saw and metal legs are grey in color. The blade was changed by the victim's husband and the blade guard was not with the saw at the time of the incident. (see product #2). The product is labeled in part as follows: \*\*\* [REDACTED] – in Table Saw \*\*\* 10 in. Table saw 5000 r/min (RPM) 120v – 60 Hz, 15a \*\*\* When servicing, use only identical replacement parts. \*\*\* Model/ : [REDACTED] \*\*\* [REDACTED] \*\*\* S/N [REDACTED] \*\*\* MADE IN CHINA \*\*\* [REDACTED] UL US Listed Stationary Tool \*\*\* Customer Help Line/ [REDACTED] \*\*\* WARNING\*\*\* To

reduce risk of injury, the user must read and understand the operator's manual. Always use eye protection which is marked to comply with ANSI Z87.1. Use blade guard and spreader for every operation for which it can be used, including all through sawing. Keep hands and body out of the path of the saw blade. Use a push stick when required. Pay particular attention to instructions on reducing risk of kickback. Never perform any operation freehand. Never reach around or over saw blade. Never operate saw on floor below normal waist height to avoid dangerous positions. \*\*\*The blade guard a component of the saw appears to be a newer style modular system with two independently hinged plastic barriers with anti- kickback paws. The guide is labeled as follows: \*\*\* WARNING Only install guard in spreader " up " position.\*\*\* WARNING Lower guard before starting saw.\*\*\* [REDACTED] \*\*\* 10"(254mm) RK THICKNESS .09" (2.3mm) \*\*\*

The second product consists of a ten inch carbide tipped saw blade with no brand markings. According to the victim, her husband purchased and replaced the original blade with this one. According to the victim the blade is a [REDACTED] blade by [REDACTED] (See: Attachment #3 internet advertisement found by investigator)

According to the victim the table saw was purchased from a Sears Store located in Morgantown, WV. She indicated that the store has since closed down. This Investigator called the Sears store and spoke with the store manager who indicated that he could not recall any cases of injury or returns regarding the model table saw. He stated that he would check and if he located an incident he would provide the information. He has yet to provide any information.

The firm which represents the victim is as follows: [REDACTED]  
[REDACTED] Dallas, TX 75220 [REDACTED] (SEE: Photographs Attachment#1 photo 16)

**EXHIBITS:**

Attachment#1: Photographs (16)

Attachment#2: US CPSC release of name form. (1)

Attachment #3: Copy of internet advertisement of saw blade. (1)

Attachment #4: Contact Sheet (1)

Attachment #5: Missing Document Form (1)

Attachment #6: Table Saw Data record sheet(5)

131022HCC1048 Photographs #1 & #2 depict overview of table saw.



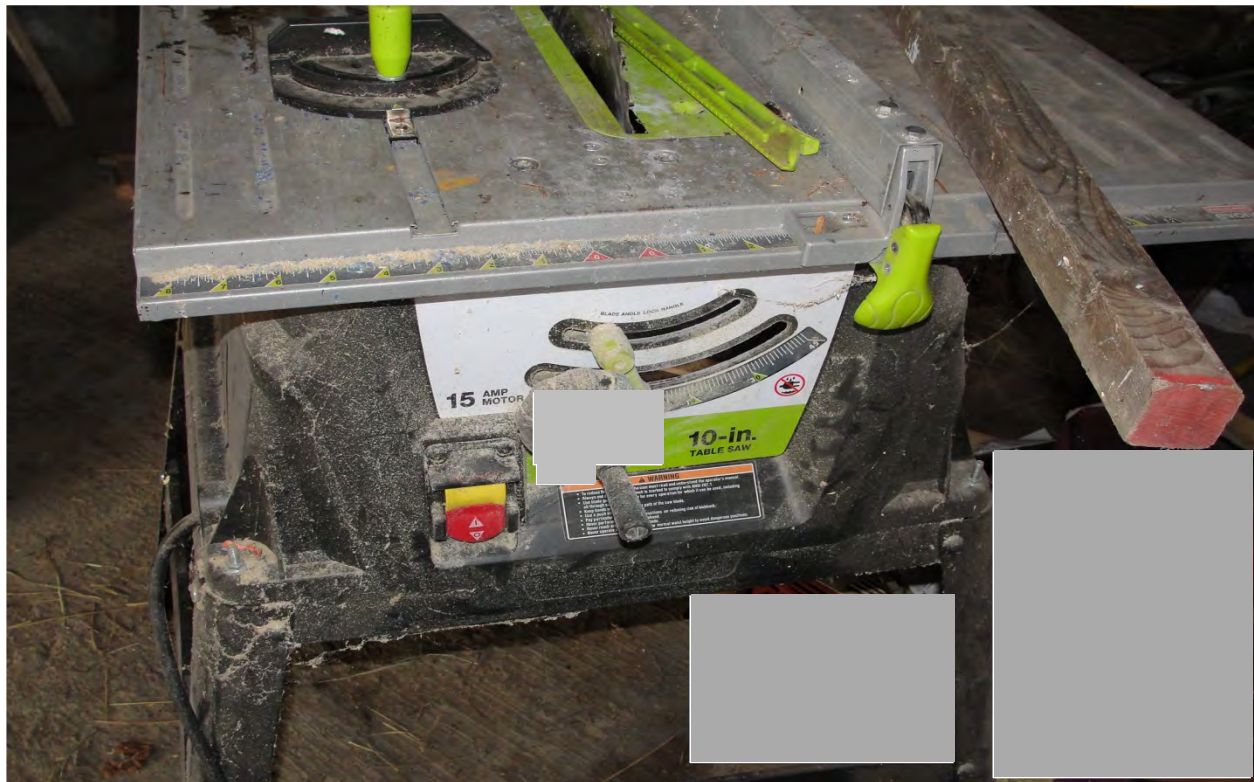


131022HCC1048 Photographs #3 & #4 # depict overview of table saw.



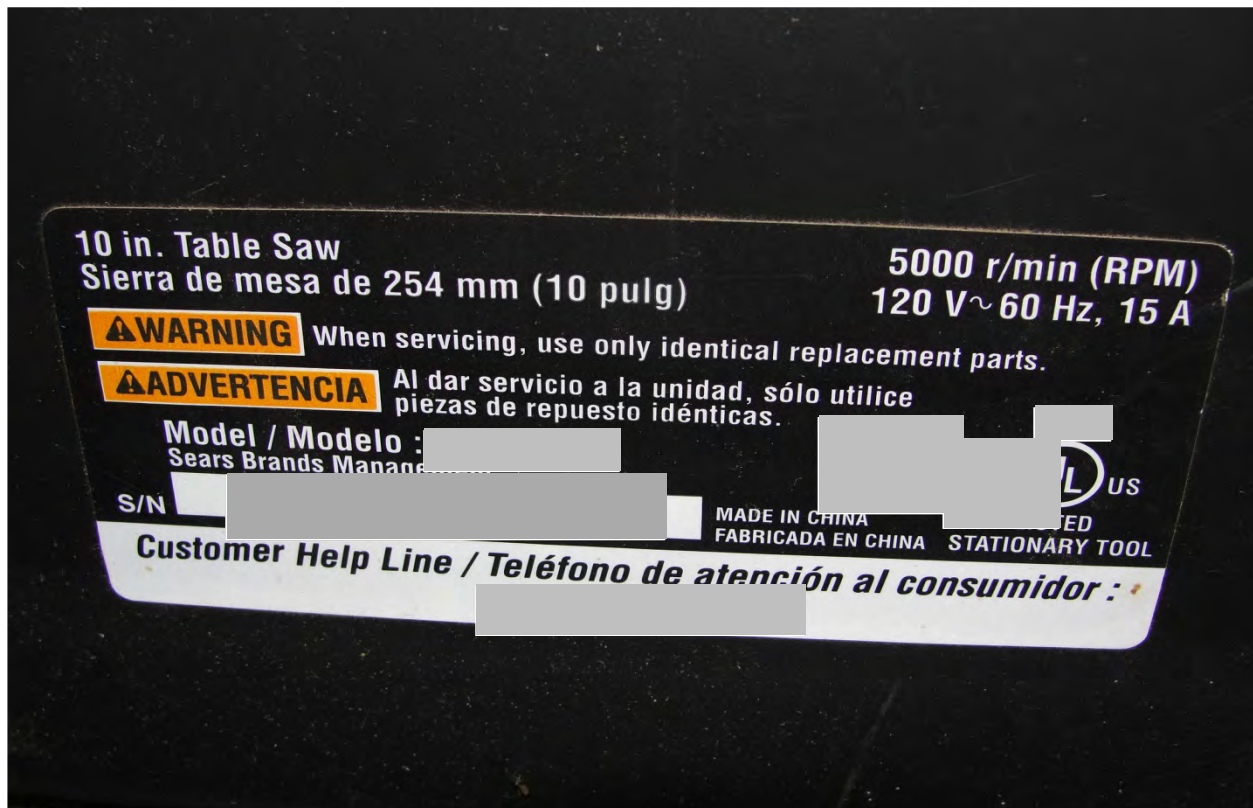


131022HCC1048 Photographs #5 & #6 depict overview of table saw & labeling.





131022HCC1048 Photographs #7 & # 8 depict overview of table saw labeling & blade guard.





131022HCC1048 Photographs #9 & # 10 depict overview of table saw blade guard.





131022HCC1048 Photographs #11 & # 12 depict overview of table saw blade guard.





131022HCC1048 Photographs #13 & # 14 depict overview of location of table saw time of incident & injury to thumb at time of incident

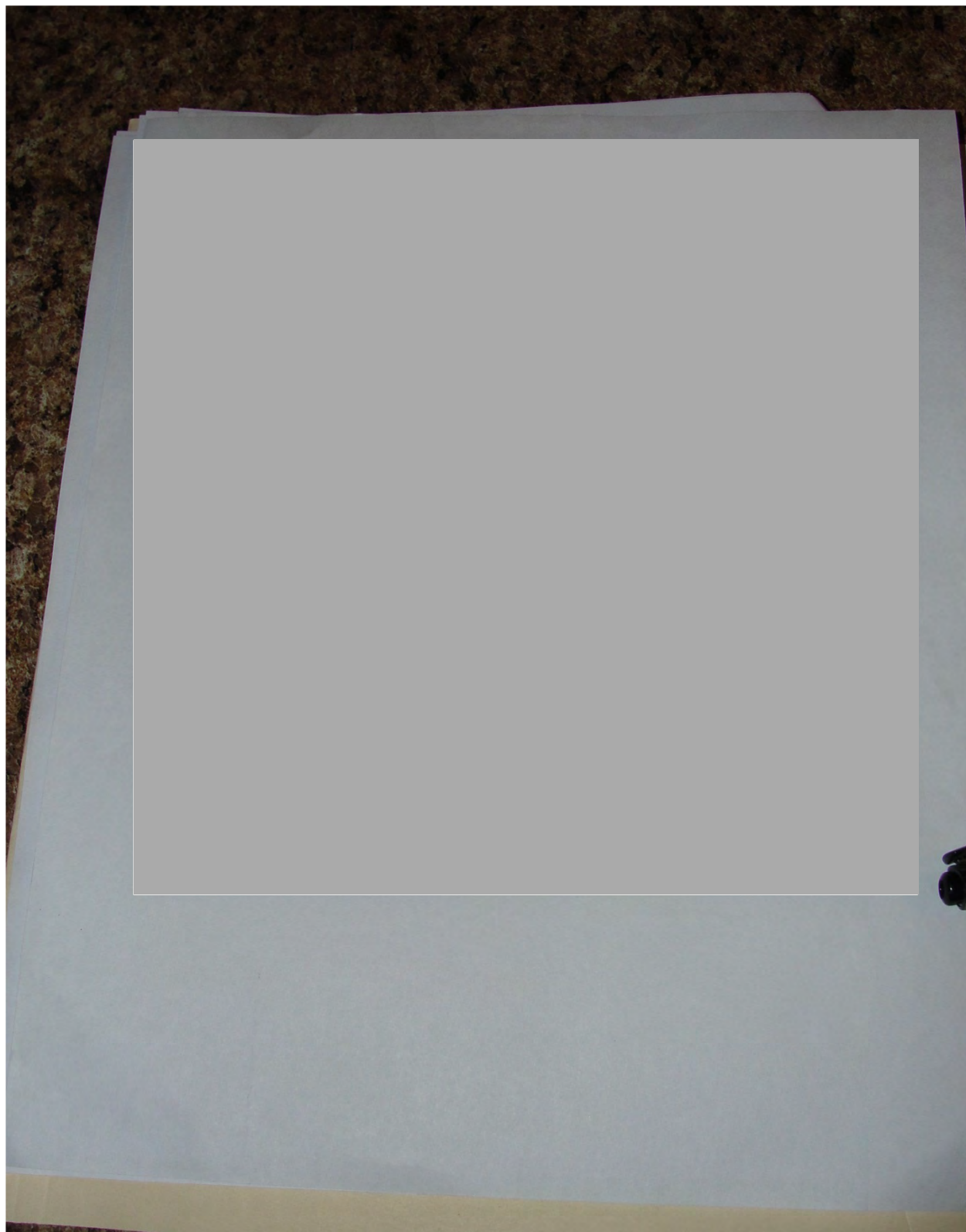




131022HCC1048 Photographs #15 depict overview of location of table saw time of incident & thumb after first surgery .



131022HCC1048 Photographs #16 depict letter from law firm.







# U.S. Consumer Product Safety Commission

## Authorization for Release of Name

Thank you for assisting us in collecting information on a potential product safety problem. The U.S. Consumer Product Safety Commission depends on concerned people to share product safety information with us. We maintain a record of this information, and use it to assist us in identifying and resolving product safety concerns.

We routinely forward this information to manufacturers and private labelers to inform them of the involvement of their product in an accident situation. We also give the information to others requesting information about specific products. Manufacturers need the individual's name so that they can obtain additional information on the product or accident situation.

Would you please indicate on the bottom of this page whether you will allow us to disclose your name? If you request that your name remain confidential, we will, of course, honor that request. After you have indicated your preference, please sign your name and date the document on the lines provided.

☒

I request that you do not release my name. My identity is to remain confidential.

☐

You may release my name to the manufacturer but I request that you do not release it to the general public.

☐

You may release my name to the manufacturer and to the public.

131022HCC1048 Attachment #3 - note it is not known if this is the same model as the incident blade.

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S

[All Categories](#)[Sea](#)[Back to search results](#) | Listed in category: [Home & Garden](#) > [Tools](#) > [Power Tools](#) > [Saws & Blades](#) > [Saw Blades](#)

New Saw Blade

Item **New**  
conditionHistory: **1 offer**Price: **US \$25.00**[Buy it Now](#)[Add to cart](#)

Best Offer

[Make Offer](#)

2 watchers

[Add to watch list](#)[Add to collection](#)**100% positive**  
Feedback**Best offer**  
available**New**  
Condition**Seller information**

100% Positive feedback

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Subject to credit approval. [See terms](#)Shipping: **\$12.00** Standard Shipping | [See details](#)  
Item location: [Johnsensburg, Pennsylvania, United States](#)  
Ships to: [United States](#)Delivery: Estimated on or before **Sat. Nov. 16** to 26003Payments: [See details](#)Returns: No returns or exchanges, but item is covered by [Buyer Protection](#).Guarantee: [Learn more](#)

Get the item you ordered or get your money back.

Mouse over (image to zoom)

[Have one to sell?](#) [Sell it yourself](#)

131022HCC1048

Contact Sheet

Attachment #4

Investigator Contact:

Victim: [REDACTED] of [REDACTED] Wana, WV 26590 [REDACTED] ) Conducted onsite 10/30/2013 with victim.

[REDACTED] manager [REDACTED] contacted by phone 11/15/2013.

Consumer Contact:

The victim contacted the Law firm of: [REDACTED]  
[REDACTED] Dallas, TX 75220 [REDACTED] ) Contact was made by phone sometime in late April 2012.



# U.S. Consumer Product Safety Commission

Task Number: FHFEGGPÔÔF€I Ì Á

Date: 3-J-201G

## Status of Missing Document(s)

The official records below were requested for this investigation report, but could not be obtained:

1. T^ããÜ^q lã•

2. U, }^i©T æ~æ

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_



## DATA RECORD SHEET

### Investigation Guideline

**PRODUCT:** Table/Bench Saw

TASK NUMBER \_\_\_\_\_ INCIDENT DATE \_\_\_\_\_

1. Describe the saw involved in the incident. Was the saw mounted on a table or a bench or was it portable?

\_\_\_\_\_ Mounted on a table or bench

\_\_\_\_\_ Portable

\_\_\_\_\_ Other, Specify: \_\_\_\_\_

\_\_\_\_\_ Don't Know

2. About how old is the saw?

3. What is the brand name (manufacturer), model name/number, and horsepower of the saw?



4. Had the saw been changed or modified in anyway since you got it? How was the saw changed or modified? Who did it?

5. Was the motor running at the time of the accident? (**Determine if the saw had just been turned "on" or "off"**).

6. Does the blade have a safety switch (removable or stationary) such as a key lock that must be activated, in addition to the start switch, before the saw can be turned on?



7. Is the saw blade belt driven or direct drive?

8. Was the operator actually cutting, about to start cutting, at the end of a cutting operation, pausing during a cutting operation, at the time of the incident?

9. How long had the operator been working with the saw that day before the accident occurred?

10. What was the operator cutting at the time of the incident?

11. What type of cutting was the operator performing at the time of the incident? Had the operator been cutting the length of the stock, cutting the width of the stock, or cutting the stock at an angle, or cutting the stock in some other way?

12. Does the operator use a different type of blade for different types of cutting operations?

13. What type of blade was being used at the time of the incident? Was it a crosscut blade, rip blade, combination blade, dado blade, plywood/paneling blade, metal cutting blade or other (**please specify**)?

14. What was the diameter of the saw blade (in inches)?

15. What was the condition of the blade at the time of the incident? Was it sharp, dull, had teeth missing or something else?

16. Was the blade guard attached to the saw at the time of the accident?

17. At the time of the incident, did the blade guard function properly? (**Whether the guard returned quickly to its normal position or was slow to return and hung up**).

18. What was the shape of stock/material being cut? (e.g. rectangular, square, molding, stick...).

19. What was the length, width, and thickness of stock/material being cut?

20. What was the condition of stock/material?

21. Describe how stock/material was supported.

22. Did the whole surface of stock/material fit on table or did it extend beyond?

23. Was stock/material or the support firmly anchored?

24. Was the operator pulling, pushing, or holding stock/material at the time of incident?

25. Was the fence (Figure 1) used to guide stock/material?

26. Was stock/material held securely against the fence during the cutting operation or was it wobbling or shifting?

27. What was the height of the blade above the table? How was this height measured (saw gauge, ruler, other)?

28. Was there an anti-kickback and spreader assembly (Figure 1) attached to the saw at the time of the incident?

29. Is the operator right-handed or left-handed or does he/she use both hands interchangeably?

30. Was the operator wearing eyeglasses, safety goggles, gloves, or any other special clothing at the time of the incident?

31. How many times during the last year has the operator used the saw?

32. Was the saw assembled when purchased or did the operator have to assemble it him/herself?

<b>1. Task Number</b> 140210HCC2363		<b>2. Investigator's ID</b> 9091		<b>EPIDEMIOLOGIC INVESTIGATION REPORT</b>
<b>3. Office Code</b> 840	<b>4. Date of Accident</b> YR MO DAY 2014 02 04	<b>5. Date Initiated</b> YR MO DAY 2014 02 11		
<b>6. Synopsis of Accident or Complaint</b> <b>UPC</b> A 61 year old man stated that the blade guard of a new table saw he purchased would not fit properly and allowed a one inch by one and a quarter inch piece of wood he was ripping to kick back and hit him in the stomach. The man suffered minor injuries to his stomach and did not seek medical attention.				
<b>7. Location (Home, School, etc)</b> 7 - INDUSTRIAL PLACE		<b>8. City</b> BILLINGS		<b>9. State</b> MO
<b>10A. First Product</b> 841 - BENCH OR TABLE SAWS	<b>10B. Trade/Brand Name</b> [REDACTED]		<b>10C. Model Number</b> [REDACTED]	
<b>10D. Manufacturer Name and Address</b> [REDACTED]				
<b>11A. Second Product</b> 0	<b>11B. Trade/Brand Name</b> NONE		<b>11C. Model Number</b> NONE	
<b>11D. Manufacturer Name and Address</b> NONE				
<b>12A. Hispanic or Latino</b>	<b>12B. Race</b> Other:		<b>12C. Race Source</b>	
<b>13. Age of Victim</b> 61	<b>14. Sex</b> 1 - Male	<b>15. Disposition</b> 1 - Injured, not Hosp.	<b>16. Injury Diagnosis</b> 59 - Laceration	
<b>17. Body Part(s)</b> Involved 31 - UPPER TRUNK	<b>18. Respondent</b> 1 - Victim/Complainant	<b>19. Type of Investigation</b> 2 - Telephone	<b>20. Time Spent</b> (Operational / Travel) / 10.00 0.00	
<b>21. Attachment(s)</b> 9 - Multiple Attachments	<b>22. Case Source</b> 07 - Consumer Complaint		<b>23. Sample Collection Number</b>	
<b>24. Permission to Disclose Name (Non NEISS Cases Only)</b> <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes for Manuf. Only <input checked="" type="radio"/> Verbal <input type="radio"/> Written				
<b>25. Review Date</b> 04/02/2014	<b>26. Reviewed By</b> 8929		<b>27. Regional Office Director</b> Frank J. Nava	
<b>28. Distribution</b> Caroleene N. Paul; Sarah Garland			<b>29. Source Document Number</b> H1420030A	

**SUMMARY OF FINDINGS**

This IDI was prompted by a consumer compliant reported to the CPSC stating that the blade guard on his table saw would not fit properly and allowed a piece of wood to kick back and hit him in the stomach. The incident took place at the complainant's place of business, which he is the owner of, but has since gone out of business.

According to the complainant, he purchased the incident table saw around June of 2013 for his woodworking business. The complainant builds small, decorative, log cabins and works with a lot of small strips of wood, normally 1 to 1 1/4" stock. He stated that he had worked with table saws and woodworking equipment since he was a teenager so he knows how to safely operate the machinery and how to cut wood. He also commented that he liked the manufacturer of the incident table saw and had good experiences with that brand in the past.

\*\*\*\*\*After speaking with the complainant it was confirmed that he was actually referring to the throat plate as the item that would not fit properly; however he was calling it the blade guard because that is what he had always called that piece of a table saw.\*\*\*\*\*

The complainant stated that while assembling the table saw, he went to secure the throat plate onto the table saw surface he noticed it didn't sit flush with the saw table surface. The throat plate actually set slightly below the surface (recessed) which created a ridge around the edges of the throat plate. The complainant stated that the throat plate has five holes, which are countersunk, and has five screws, which are tapered to fit in a counter sunk hole. He stated when he put the plate into the proper opening for it and secured the plate with the screws, the plate sat slightly below the surface. He went back to the retail store he purchased it from and showed them what his issue was. He stated that the retail store employees called the manufacturer but were unable to figure out how to correct the issue. The retail store then advised the complainant to hone out the holes a little more and secure it with new screws and place washers under the plate to raise it up and make it set flush with the table top. He stated he tried to put washers under the plate but when he did that the screws were not long enough.

The complainant continued to use the table saw but stated he would have to carefully lift up the end of each piece of wood he was ripping because, if not, the end of the wood would catch on the ridge created by the recessed throat plate as he was pushing it through the cut.

He stated that he only used the saw to make straight cuts since he had other equipment he used to make angle cuts.

On the day of the incident, the complainant stated he was ripping several strips of wood about  $\frac{3}{4}$ " x 1" in size. The complainant stated that he momentarily forgot to lift up the end of the piece of wood he was ripping since he was cutting several pieces. The piece of wood caught on the ridge and was pushed back into the blade and kicked back on him, striking him in the stomach and narrowly missing his son. He did not seek medical attention. He stated his injury was a cut on his stomach about the size of a quarter.



**Exhibit 4: Photo 1 of 1 - Photo taken by complainant of his injury**

The complainant returned the table saw to the retail store where he purchased it from for a full refund. He stated that he and the store manager examined the table saw and contacted the manufacturer but was unable to come up with a solution to the problem. The complainant stated that he contacted the manufacturer again, at a later date, and was advised by a lady in the customer service department that the hardware used to mount the throat plate was supposed to be installed from the bottom of the table and not the top. They also informed him that there is a magnetic piece on the front end of the plate which is used to help secure the plate into position. The complainant stated that he would not have thought about installing hardware from the bottom side of the saw table since the holes were countersunk from the top and the instructions said nothing about installing the screws from the bottom. (See Exhibit 3 page 22)

The complainant feels as though this is a poor design and poses a safety hazard. The complainant stated that he did not pursue the issue any further since he was able to get his money back for the table saw.

Another issue the complainant stated he had with the table saw was; he had noticed that the blade would not hold its position once he set the angle. He stated that every time he would raise and lower the blade the angle would change slightly and he would have to re-adjust it every time.

Due to the distance required to perform an on-site visit to the retailer, a phone call was placed to the retailer where the complainant stated that he had purchased and returned the saw. The manager stated that he was unaware of any return of the table saw and unaware of any issues with it. He stated that they did sell the specific model of table saw but did not have any on display to examine; they only had them in a box. Another phone call was placed, on a separate day, to the manager of the hardware section of the same retail store. He also was not aware of any issues with the table saw and was not familiar with the return of the complainants table saw. Another phone call was placed to a second retail store of the same chain and they also sold the table saw but had none on display to examine.

The complainant stated that he was not using the blades that came with the table saw but was using a 10 inch, 80 tooth, carbide finish cut blade made by [REDACTED] to perform his rip cuts. He also used a push stick when cutting and had removed the blade guard since he felt as though the plastic blade guards create more of a hazard than protection when cutting wood. The complainant verbally agreed to release his contact information to the manufacturer only.

### **PRODUCT IDENTIFICATION**

[REDACTED] 10" Table Saw (electric)

Model: [REDACTED]

Serial #: [REDACTED]

Manufacturer: [REDACTED]

Retail store where purchased/returned:

[REDACTED]

**SAMPLES COLLECTED**

None

**MANUFACTURER CONTACT INFORMATION**

Complainant stated that he discussed the incident with the retailer and the manufacturer. The manufacturer advised him that the screws were to be mounted from the bottom of the saw table not the top. They did not acknowledge any other reported issues with the table saw.

**ATTACHMENTS**

- 1) Respondents
- 2) Internet info obtained on table saw and reviews Last 2 Pages Excluded (Copyright)
- 3) Owner's Manual obtained off internet Only Page 1 Included
- 4) Photo 1 of 1 (embedded in IDI)
- 5) Table Saw Data Record Sheet



**IDI 140210HCC2363**  
**Exhibit 1**

**RESPONDENTS**

[REDACTED]

[REDACTED]

Manager: [REDACTED]

Hardware Dept. Manager: [REDACTED]

140210HCC2363

Exhibit 2

Page 1 of 7



## PRODUCT OVERVIEW

The **10 in. 13 Amp Professional Table Saw** provide a level, flat surface with low vibration. The s included).

- 13-amp motor delivers up to 3,450 RPM to help y
- Front- and back-clamping aluminum rip fence ha
- Fence T-slots for the variable placement of acces
- Built-in accessory slots for installing auxiliary fence
- Customizable design helps you add an extension
- Die-cast miter gauge with positive stops for accu
- Built-in accessory storage keeps accessories nea
- Large, over-mold handle provides a comfortable
- Single-action foot pedal helps you reposition the
- Maximum cut depth of 2-1/4 in. at 45 degrees an
- Cast iron table's milled and polished surface mini
- Blade guard for safety
- [CLICK HERE TO REGISTER YOUR](#)

## SPECIFICATIONS

Amperage (amps)	13		
Assembled Height (in.)	37.1		
Bench & Stationary Tool Type	Table Saw	Bench or Stationary	Bench
Blade Diameter	10 in	Blade Location	Centered
Blade Speed	3450 RPM	Blade guard system	Yes
Certifications and Listings	1-UL Listed	Color Family	Orange
Cord Length (ft.)	6	Dust Collection Method	4 in. Dust Port
Manufacturer Warranty	Lifetime Service Agreement	Maximum Cut Depth @ 45 Deg.	2-1/4 in
Maximum Cut Depth @ 90 Deg.	3-1/4 in	Maximum Speed (rpm)	3450
No Tool Blade Change	No	Power Tool Product Type	Bench & Stationary
Product Depth (in.)	46.3 in	Product Height (in.)	37.187
Product Weight (lb.)	267.23	Product Width (in.)	30.63 in
Reconditioned	No	Returnable	90-Day
Rip Capacity - Left	15 in	Rip Capacity - Right	30 in
Table Length (in.)	27	Table Width (in.)	20

## SHIPPING OPTIONS

Most orders process within 1 business days.



140210HCC2363  
Exhibit 2  
Page 2 of 7

## UPDATED: Returning the saw.

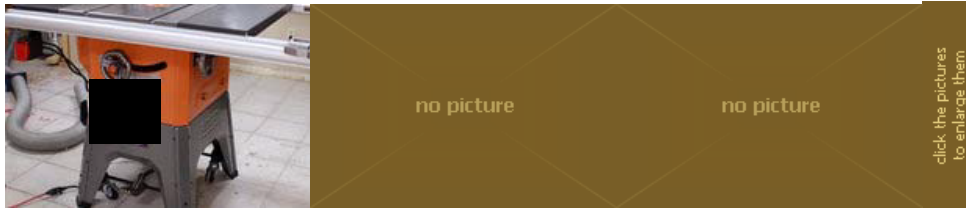
Review by [REDACTED] posted 31 days ago 2676 views 0 times favorited 21 comments [REDACTED]



15 reviews total

Add my Review

- [REDACTED] Category: [Tablesaws](#)
- [REDACTED]



I have no complaints with this saw. It's a great buy for the money. I've only used it for one project so far so if things change I'll update this. I doubt they will though.

### Pros:

- Enough power for what what just about anyone will do.
- Fence alignment is easy.
- Blade alignment is easy, I think they worked out all the problems there. **blade to miter slot is easy...still has other problems noted below**
- Mobile base is smooth.
- 4" [dust collection port](#).

### Cons:

- none so far, will update if something happens. **read update below**

For those who are interested I already wrote a long picture filled article about the saw that you can read [here](#).

### UPDATE

Well folks, things took a big turn with the new [table saw](#). I checked and checked and checked to make sure I didn't have the trunnion issues associated with this saw. Apparently either I didn't check good enough or something happened after a couple days because I noticed it big time today. When raising the blade the blade will tilt to the right by a few degrees and when lowering it will tilt to the left by a few degrees.

This saw has a boat load of awesome reviews on various sources online and nearly all of the few negative reviews point to this issue. So that tells me I got a lemon.

I contacted [REDACTED] and they know the exact problem and say it is a bad trunnion that needs to be replaced. My options are to drop the saw off at an [REDACTED] store for them to ship it off to be replaced, return it for another one and risk the hour drive each way to see if it has the same problem, or drive to an authorized repair location. Either way I have to make multiple hour long trips to get the problem situated and could possibly be out of a saw for who knows how long while it gets repaired. No thanks. I'm returning the saw this weekend and will be spending more time this go around looking for a replacement.

If they fix this issue permanently I'd give it 5 stars. Pretty good saw if you get a good one. I didn't and I don't want to waste my time making it a good one.

[home](#) | [projects](#) | [blog](#)

655 posts in 557 days

---

## 21 comments so far

---

[REDACTED] Always good to know what can be trusted

-- Mother Nature created it, I just assemble it. - It's not ability that we often lack, but the patience to use our ability

---

Thanks for the review. Love your videos and I look forward to hearing about any alignment/elevation issues you might experience.

[REDACTED]

---

wondering about the [REDACTED] Collection is it good? does it need add-ons?

Thanks for the review

-- [REDACTED]

---

I've had this saw for 3 years now and had no complaints with it. I've cut many a board feet with from soft to extremely hard woods. the only con would be the fence system.

[REDACTED]

---

I have this saw also. I like the saw, but unfortunately I got one of the bad ones with the [blade shift](#). Good luck with your new saw.

---

140210HCC2363

Exhibit 2

Page 4 of 7

[REDACTED] I don't know why you would replace your saw with one that is equal to what you already have. I would have thought you would get one with more hp.

[REDACTED]

Aligning to the miter slot is only one part of the issue, staying aligned is the other. And some have trouble keeping the fence aligned. These problems have plagued [REDACTED] for 2 saw generations over how many years ... if any other brand had half as many problems you'd never hear a kind word about them but people keep gambling on these.

-- |Statistics show that 100% of people bitten by a snake were close to it.|

Enjoy!

-- [REDACTED]

I thought you with a relatively new [REDACTED] Cable [table saw](#) in your videos; just out of curiosity did it fail on you?

I've been following a [forum topic about the alignment/elevation issues](#), and it looks like [REDACTED] might finally have a "fix" for it.

[REDACTED]

Gr8 picture and detailed review. Sounds like a good saw

-- [REDACTED]

Post updated. Taking it back.

-- [REDACTED]

I feel fortunate that I was able to dispose of my [REDACTED] It had too many problems. From what I read, there's a lot more with problems than without.

So, what do you think will be your next saw?

Thanks for the update. I don't understand how some saws can have this issue and not others. My suspicion is the flaw is present in all of them but maybe worse in some, and that some owners just don't notice.

-- |Statistics show that 100% of people bitten by a snake were close to it.|

140210HCC2363  
Exhibit 2  
Page 5 of 7

[REDACTED]

Pretty good saw if you get a good one ? Cmon now, go get you a [table saw](#),(won't find it at the bork)

---

[View all comments](#) »

showing **1 through 15** of 21 comments

[show last 6 comments](#)

### Have your say...

---

[REDACTED]

---

DISCLAIMER: Any posts on [REDACTED] are posted by individuals acting in their own right and do not necessarily reflect the views of [REDACTED] [REDACTED] will not be held liable for the actions of any user.

[REDACTED]

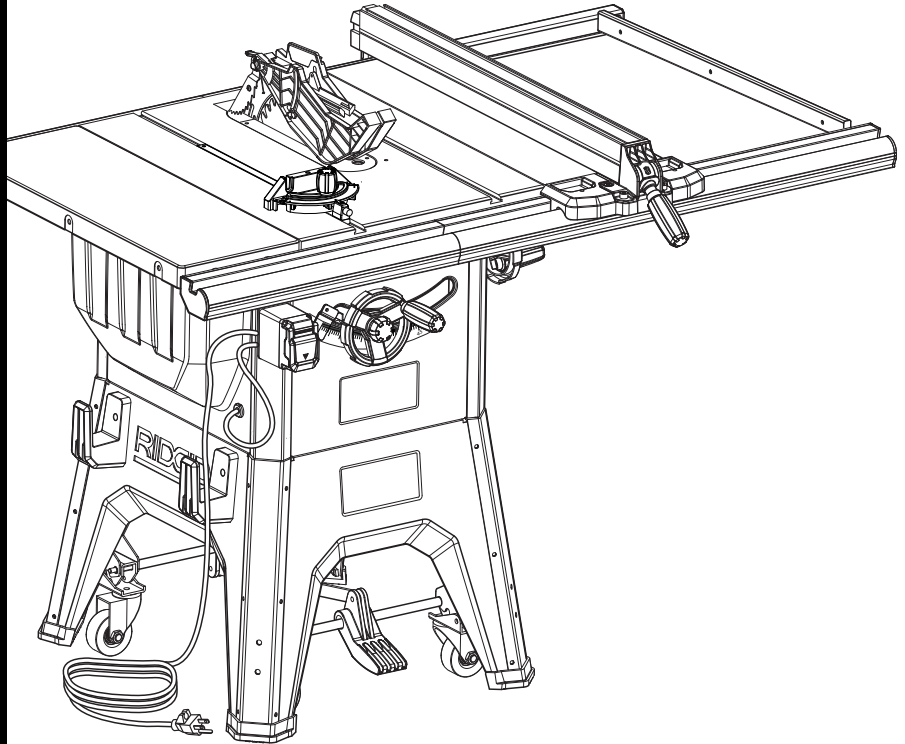
# OPERATOR'S MANUAL

## 10 in. TABLE SAW

140210HCC2363

Exhibit 3

Page 1 of 54



Your table saw has been engineered and manufactured to our high standards for dependability, ease of operation, and operator safety. When properly cared for, it will give you years of rugged, trouble-free performance.

### **WARNING:**

To reduce the risk of injury, the user must read and understand the operator's manual before using this product.

Thank you for buying a [REDACTED] product.

**SAVE THIS MANUAL FOR FUTURE REFERENCE**



## DATA RECORD SHEET

### Investigation Guideline

**PRODUCT:** Table/Bench Saw

TASK NUMBER \_\_\_\_\_ INCIDENT DATE \_\_\_\_\_

1. Describe the saw involved in the incident. Was the saw mounted on a table or a bench or was it portable?

\_\_\_\_\_ Mounted on a table or bench

\_\_\_\_\_ Portable

\_\_\_\_\_ Other, Specify: \_\_\_\_\_

\_\_\_\_\_ Don't Know

2. About how old is the saw?

3. What is the brand name (manufacturer), model name/number, and horsepower of the saw?



4. Had the saw been changed or modified in anyway since you got it? How was the saw changed or modified? Who did it?

5. Was the motor running at the time of the accident? (**Determine if the saw had just been turned "on" or "off"**).

6. Does the blade have a safety switch (removable or stationary) such as a key lock that must be activated, in addition to the start switch, before the saw can be turned on?



7. Is the saw blade belt driven or direct drive?

8. Was the operator actually cutting, about to start cutting, at the end of a cutting operation, pausing during a cutting operation, at the time of the incident?

9. How long had the operator been working with the saw that day before the accident occurred?

10. What was the operator cutting at the time of the incident?

11. What type of cutting was the operator performing at the time of the incident? Had the operator been cutting the length of the stock, cutting the width of the stock, or cutting the stock at an angle, or cutting the stock in some other way?

12. Does the operator use a different type of blade for different types of cutting operations?

13. What type of blade was being used at the time of the incident? Was it a crosscut blade, rip blade, combination blade, dado blade, plywood/paneling blade, metal cutting blade or other (**please specify**)?



14. What was the diameter of the saw blade (in inches)?

15. What was the condition of the blade at the time of the incident? Was it sharp, dull, had teeth missing or something else?

16. Was the blade guard attached to the saw at the time of the accident?

17. At the time of the incident, did the blade guard function properly? (**Whether the guard returned quickly to its normal position or was slow to return and hung up**).

18. What was the shape of stock/material being cut? (e.g. rectangular, square, molding, stick...).

19. What was the length, width, and thickness of stock/material being cut?

20. What was the condition of stock/material?

21. Describe how stock/material was supported.

22. Did the whole surface of stock/material fit on table or did it extend beyond?

23. Was stock/material or the support firmly anchored?

24. Was the operator pulling, pushing, or holding stock/material at the time of incident?

25. Was the fence (Figure 1) used to guide stock/material?

26. Was stock/material held securely against the fence during the cutting operation or was it wobbling or shifting?

27. What was the height of the blade above the table? How was this height measured (saw gauge, ruler, other)?

28. Was there an anti-kickback and spreader assembly (Figure 1) attached to the saw at the time of the incident?

29. Is the operator right-handed or left-handed or does he/she use both hands interchangeably?

30. Was the operator wearing eyeglasses, safety goggles, gloves, or any other special clothing at the time of the incident?

31. How many times during the last year has the operator used the saw?

32. Was the saw assembled when purchased or did the operator have to assemble it him/herself?

<b>1. Task Number</b> 140306HCC2429		<b>2. Investigator's ID</b> 4440		<b>EPIDEMIOLOGIC INVESTIGATION REPORT</b>
<b>3. Office Code</b> 810	<b>4. Date of Accident</b> YR MO DAY 2014 01 30	<b>5. Date Initiated</b> YR MO DAY 2014 03 10		
<b>6. Synopsis of Accident or Complaint</b> <b>UPC</b> A 32-year-old man was using his table saw to cut a piece of plywood when the blade guard came off and struck him in the chest. He sustained bruising to his chest and had difficulty breathing, but he did not obtain professional medical attention.				
<b>7. Location (Home, School, etc)</b> 1 - HOME		<b>8. City</b> WOODSTOCK		<b>9. State</b> GA
<b>10A. First Product</b> 841 - BENCH OR TABLE SAWS		<b>10B. Trade/Brand Name</b> [REDACTED]		<b>10C. Model Number</b> [REDACTED]
<b>10D. Manufacturer Name and Address</b> [REDACTED]				
<b>11A. Second Product</b> 0		<b>11B. Trade/Brand Name</b> NONE		<b>11C. Model Number</b> NONE
<b>11D. Manufacturer Name and Address</b> NONE				
<b>12A. Hispanic or Latino</b> 2 - No	<b>12B. Race</b> 1 - White Other:		<b>12C. Race Source</b> 1 - Respondent-Self/Fa	
<b>13. Age of Victim</b> 32	<b>14. Sex</b> 1 - Male	<b>15. Disposition</b> 1 - Injured, not Hosp.	<b>16. Injury Diagnosis</b> 53 - Cont./Abrs.	
<b>17. Body Part(s)</b> Involved 31 - UPPER TRUNK	<b>18. Respondent</b> 1 - Victim/Complainant	<b>19. Type of Investigation</b> 1 - On-Site	<b>20. Time Spent</b> (Operational / Travel) 13.00 / 1.00	
<b>21. Attachment(s)</b> 9 - Multiple Attachments		<b>22. Case Source</b> 13 - Other Case Source		<b>23. Sample Collection Number</b> 14-810-7011
<b>24. Permission to Disclose Name (Non NEISS Cases Only)</b> <input type="radio"/> Yes <input type="radio"/> No <input checked="" type="radio"/> Yes for Manuf. Only <input type="radio"/> Verbal <input checked="" type="radio"/> Written				
<b>25. Review Date</b> 03/25/2014	<b>26. Reviewed By</b> 2147		<b>27. Regional Office Director</b> Dennis R. Blasius	
<b>28. Distribution</b> Caroleene N. Paul; Otis Barrett; Sarah Garland			<b>29. Source Document Number</b> Y1428019A	

The information in this report was obtained during an on-site interview conducted with the consumer on March 17, 2014. Further limited information was obtained during an in-person interview conducted with the Operations Manager for the incident unit retailer.

Around June of 2013, a 32-year-old man purchased a new table saw for approximately \$150 to \$200. The purchase receipt was not available at the time of this investigation. The table saw came with an owner's manual (Exhibit 5) and the man used the manual to assemble the table saw and familiarize himself with the blade guard installation and removal process. The man installed the four legs to the table saw base and did not experience any issues with these steps. There were no alterations, repairs, or modifications done to the table saw.

Over the next seven months, the man used the table saw approximately twice per month for various wood cutting projects. He always used the blade guard on the table saw while cutting, but would remove it to add or remove other safety pieces that came with the saw for storage. One such piece was the anti-kickback pawls pictured in Exhibit 2 Photo 9. The table saw was stored in the man's garage and he would simply slide it away from the wall and plug it in before using it. Every time he finished using it, he would add all the safety devices onto the blade guard bracket for storage. He felt very comfortable and familiar with installing or removing the blade guard and the other safety devices included with the table saw.

On January 30, 2014, the man slid the table saw over in his garage and removed the blade guard so that he could remove the anti-kickback pawls. He then reinstalled the blade guard as he had on numerous previous occasions. The table saw was now set up on the concrete garage floor with the modular blade guard installed. The ten-inch blade was set to an unknown depth and adjusted to make a straight cut. The rip fence was positioned an unknown distance from the blade, but far enough away to make a rip cut to remove less than ¼ inch of wood to square up a piece of ¾ inch thick plywood. This plywood measured approximately 16 inches in length and 10 and ¼ inches in width.

The man turned on the table saw and used his hands to push the ¾-inch thick plywood through the blade. When the man got approximately ¾ of the way through squaring up the plywood, there was a loud noise and he felt something violently hit his chest. The man looked down on the ground to see the entire modular blade guard assembly on the floor in his garage. He is unsure what point on the guard assembly hit his chest, but believes the guard assembly somehow fell onto the blade and the blade threw it forward at his chest. He was relieved the anti-kickback pawls were removed and fears that if they were installed, it could have cut his chest.

The man's chest was badly bruised for approximately two weeks and he suffered difficulty breathing for approximately two days. He took ibuprofen for the pain and scheduled a doctor's appointment within the next couple of weeks. Approximately ten days after the incident, the man still had bruising on his chest and was planning to go to the doctor. That day, a bad snowstorm hit the area and he had to cancel his doctor appointment. By the time he would have been able to see the doctor a few days later, his injuries subsided.

The man does not remember if there was any kickback during the cut. He was working by himself and was standing directly in front of the table saw.

The Operations Manager for the incident retailer was aware of this incident, but was not aware of any other similar incidents. When the consumer brought in the incident modular blade guard, the manager collected it as "evidence" for the claim. He gave the man a new modular blade

guard off the same model table saw display unit. The man was not sure exactly when he went to the retailer, but believes it was within two days of the incident on January 30, 2014.

Approximately two weeks after the incident, the corporate office for the retailer contacted the man. They wanted to ensure the man's medical needs were taken care of and to see if they could do anything.

The manufacturer contacted the man on March 14, 2014. The manufacturer's representative expressed concern regarding the incident and wanted to make sure the man's medical needs were taken care of. They expressed an interest in getting the incident table saw and modular blade guard back from the consumer. They also told the man they would send him an upgraded model table saw. The man told them that CPSC was investigating the incident and he would not turn over the incident saw until after the CPSC investigation.

## **DATA RECORD SHEET**

The Appendix 76: Table / Bench Saws Data Record Sheet (DRS) is included as Exhibit 10 with this investigation.

## **SAMPLE COLLECTION**

The incident unit modular blade guard was collected from the retailer as sample 14-810-7010. The Sample Collection Report (SCR) can be seen as Exhibit 7. The incident unit table saw and exemplar modular blade guard were collected from the consumer as sample 14-810-7011. The SCR can be seen as Exhibit 8.

## **PRODUCT IDENTIFICATION**

The incident unit table saw and components (including the modular blade guard) are sold as [REDACTED] model [REDACTED]. The table saw is blue in color and attaches to a black metal stand. The saw comes with a ten-inch blade and is labeled with serial number [REDACTED]. Product photos, including labeling, can be seen as Exhibit 2. The incident unit blade guard was damaged as a result of the incident. The damage done to the guard can be seen in Exhibit 2 Photos 19-29. The retailer placed an "evidence" sticker on the incident unit blade guard after the consumer turned over possession. Manufacturer and retailer product information can be seen as Exhibit 3 and 4, respectively.

## **ATTACHMENTS**

### **Exhibit**

1. Victim and Respondent Information (1 Page)
2. 29 Photos (29 Pages)
3. Manufacturer's Product Information (2 Pages)
4. Retailer Product Information (1 Page)
5. Owner's Manual (42 Pages) Q&~ ää \* Áä•Œ æ ^Ä } | ^ D
6. NOI (2 Pages)
7. [REDACTED] (2 Pages)
8. [REDACTED] (2 Pages)
9. CPSC Release of Name (1 Page)
10. Appendix 76 DRS (5 Pages)

**VICTIM**

[REDACTED]  
DOB: [REDACTED]  
[REDACTED]  
[REDACTED]  
Phone: [REDACTED]  
Contacted 03/10/2014; Interviewed 03/17/2014

**IDENTITY OF RESPONDENTS**

[REDACTED], Operations Manger  
[REDACTED]  
[REDACTED]  
[REDACTED]  
Phone: [REDACTED]  
Contacted 03/17/2014

**Consumer's Contacts**

[REDACTED], Operations Manger  
[REDACTED]  
[REDACTED]  
[REDACTED]  
Phone: [REDACTED]  
Contacted approximately 02/01/2014

Unknown Representative  
[REDACTED]  
[REDACTED]  
[REDACTED]  
This firm contacted consumer on or around 02/13/2014

Unknown Representative  
[REDACTED]  
[REDACTED]  
[REDACTED]  
This firm contacted consumer on 03/14/2014

Photo 1: Overview of incident table saw with exemplar modular blade guard installed





Photo 2: Close-up of incident table saw with exemplar modular blade guard installed



Photo 3: Close-up of exemplar modular blade guard installed on incident table saw

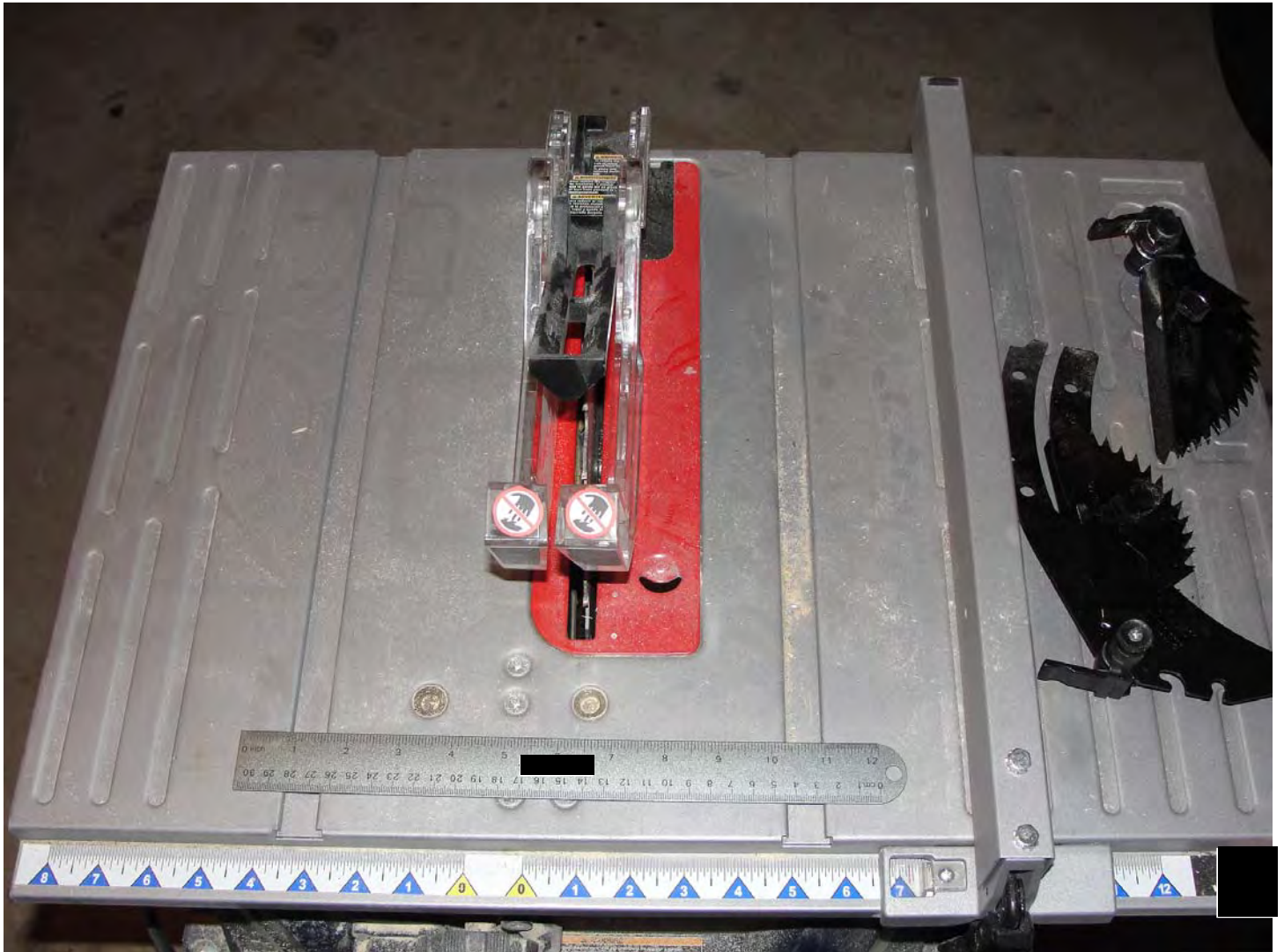




Photo 4: Side view of blade guard

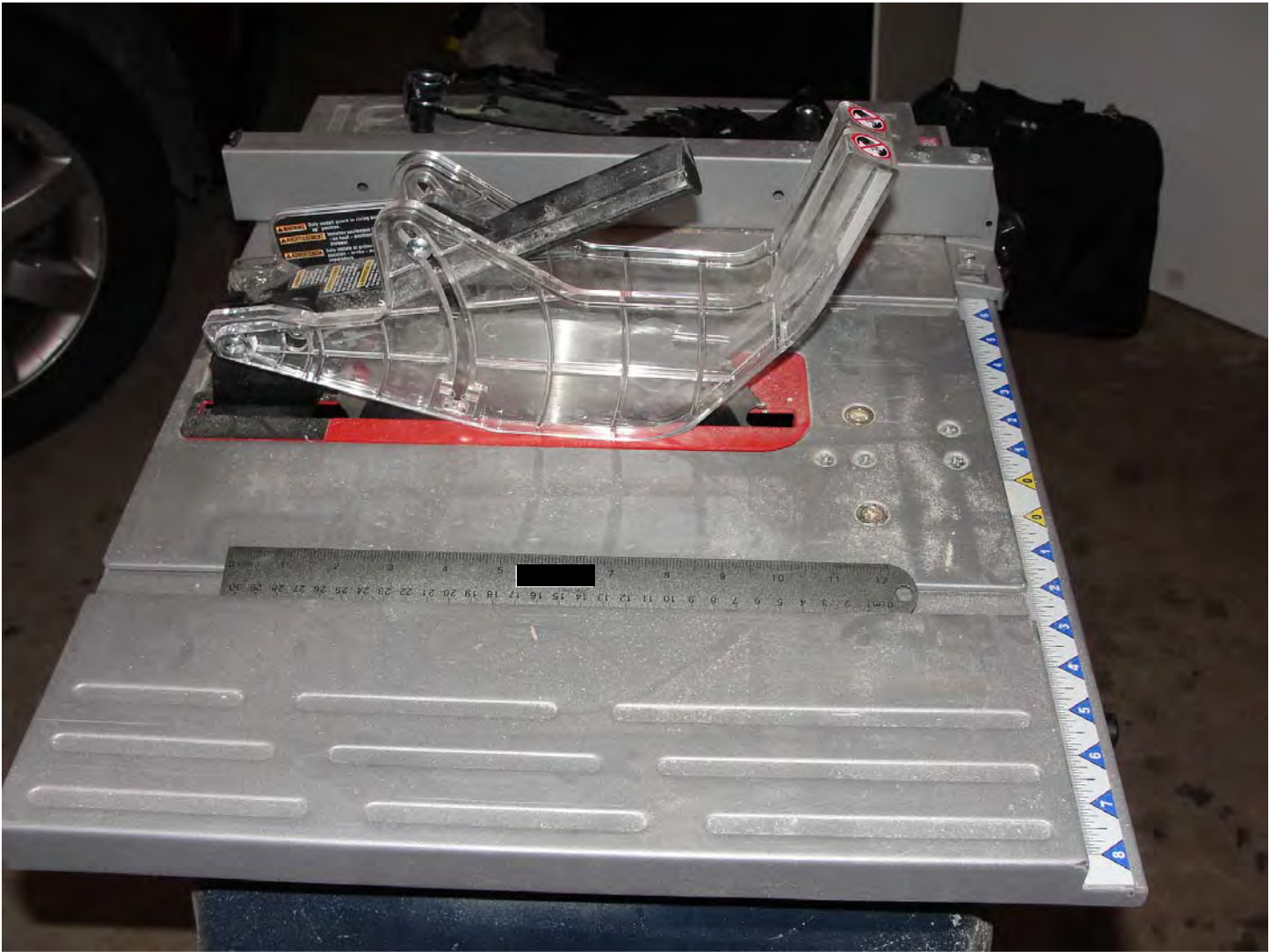


Photo 5: Side view of blade guard

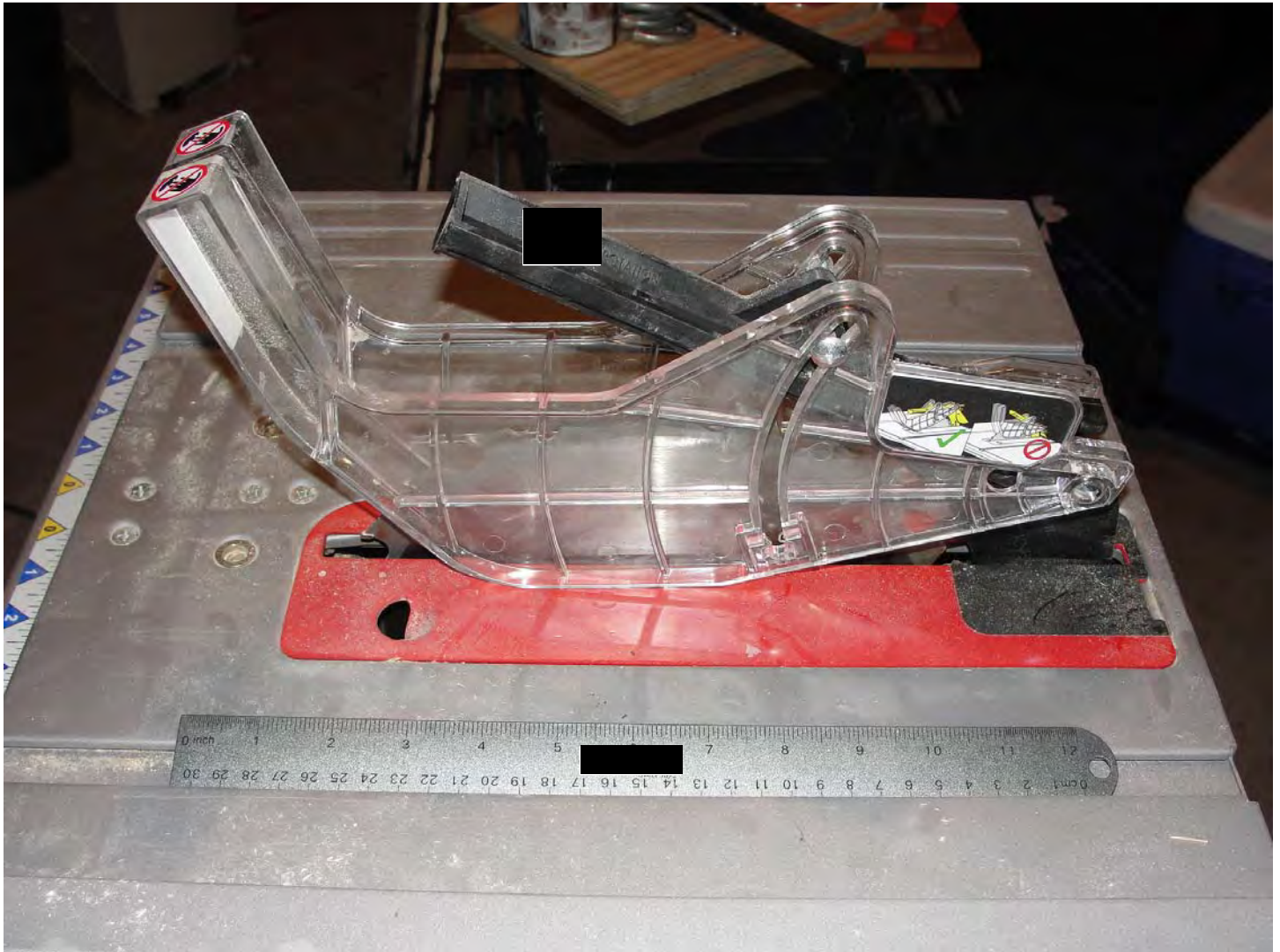




Photo 6: Back view of blade guard

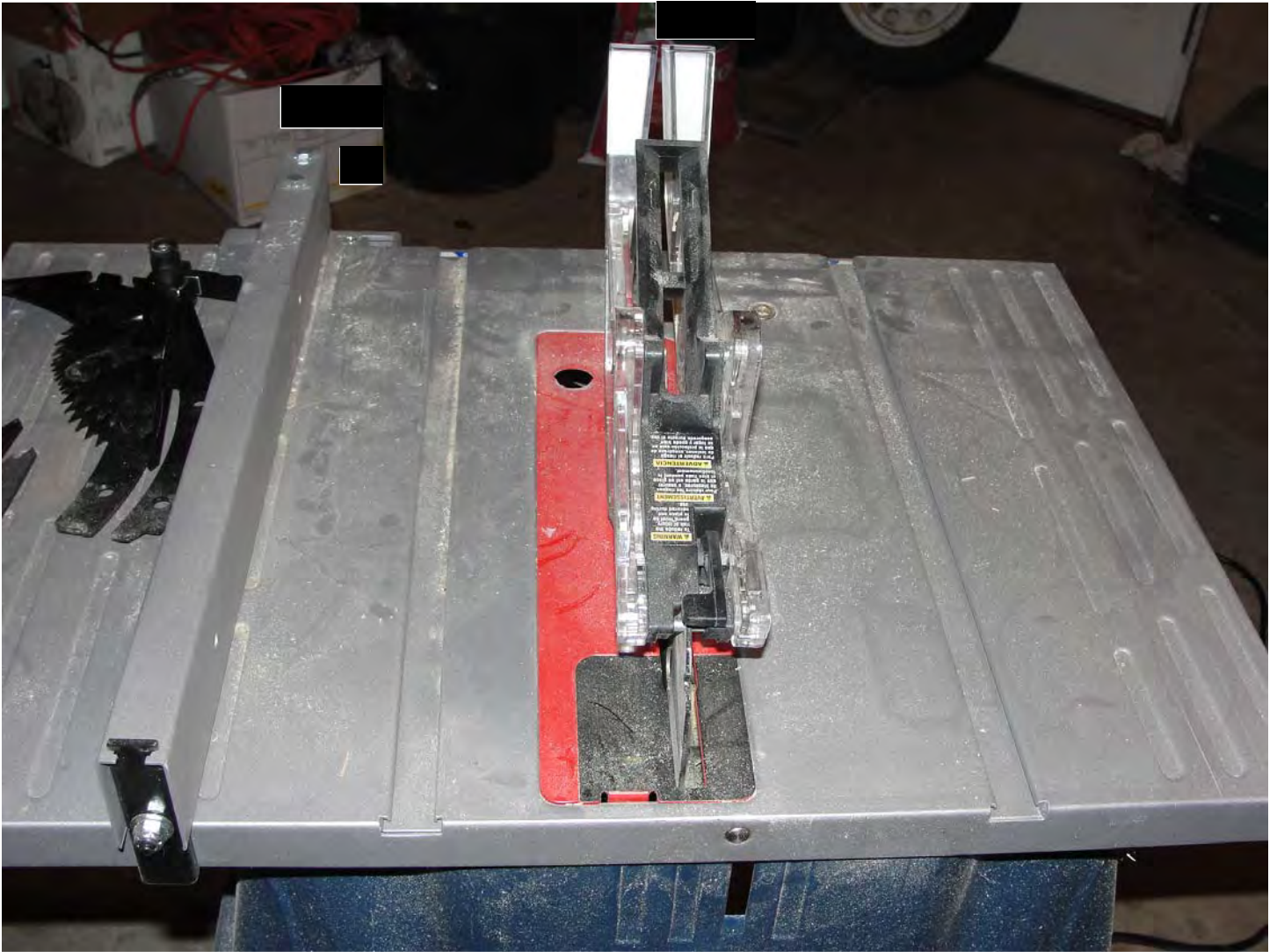


Photo 7: Close-up of front of incident unit table saw





Photo 8: Labeling found on incident unit table saw

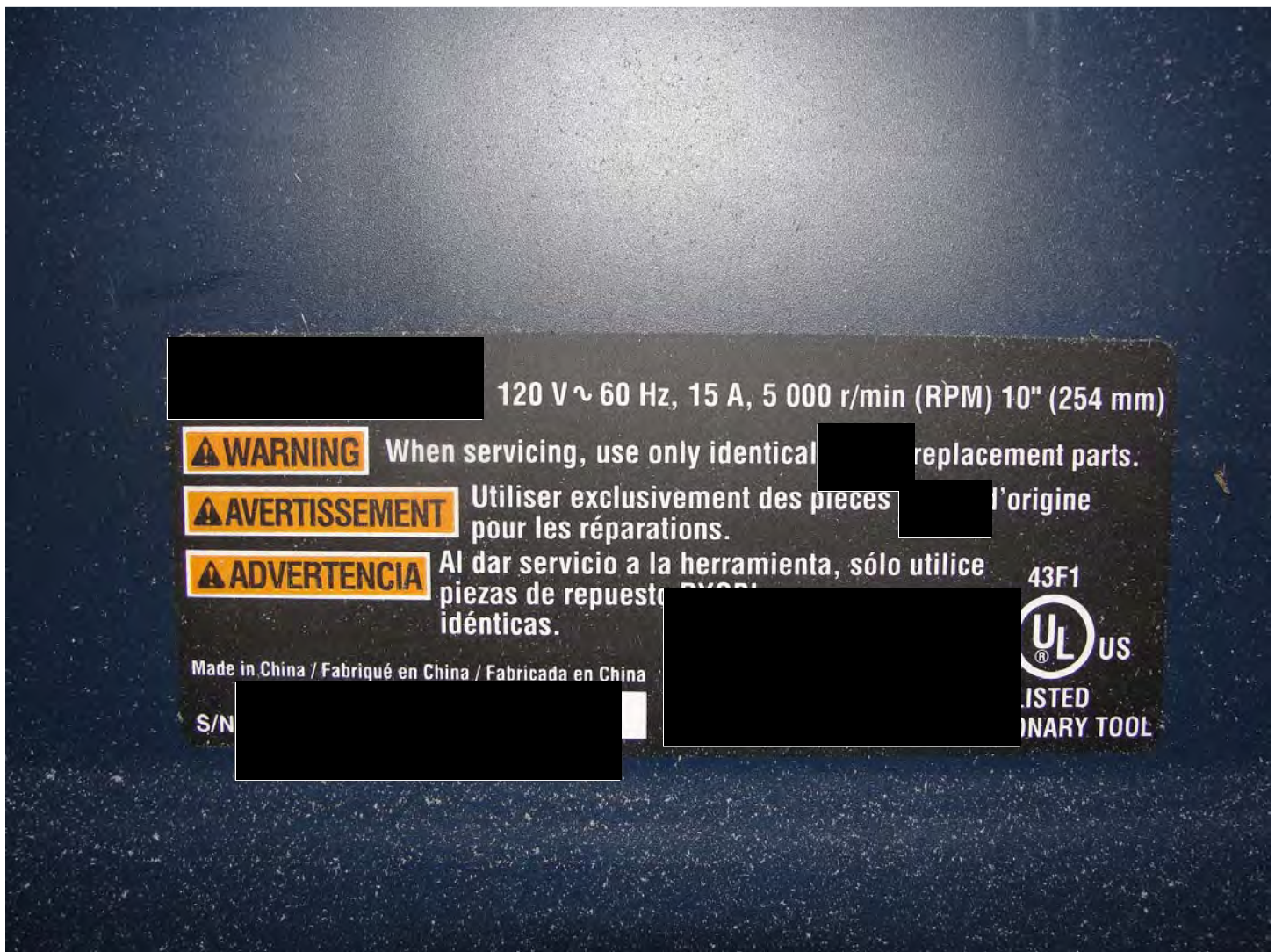


Photo 9: Anti-kickback pawls installed by consumer

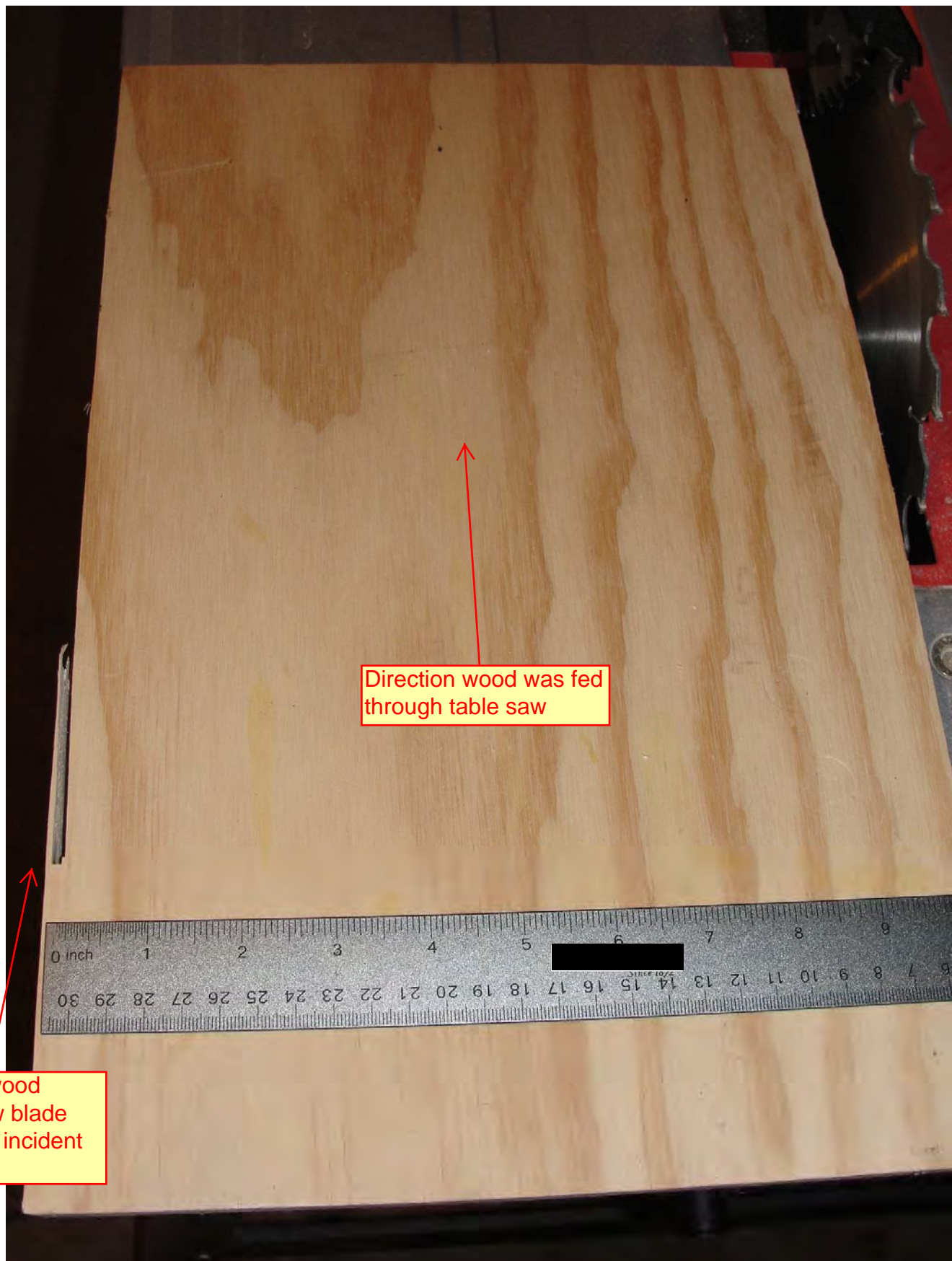




Photo 10: Anti-kickback pawls installed by consumer



Photo 11: Piece of wood cut by consumer at time of incident



Direction wood was fed  
through table saw

Point on wood  
where saw blade  
was when incident  
occurred



Photo 12: Piece of wood cut by consumer at time of incident



Photo 13: Underside of incident table saw





Photo 14: Labeling on exemplar modular blade guard





Photo 15: Labeling on exemplar modular blade guard



Photo 16: Labeling on exemplar modular blade guard



Photo 17: Labeling on exemplar modular blade guard





Photo 18: Overview of incident unit modular blade guard



Photo 19: Overview of incident unit modular blade guard

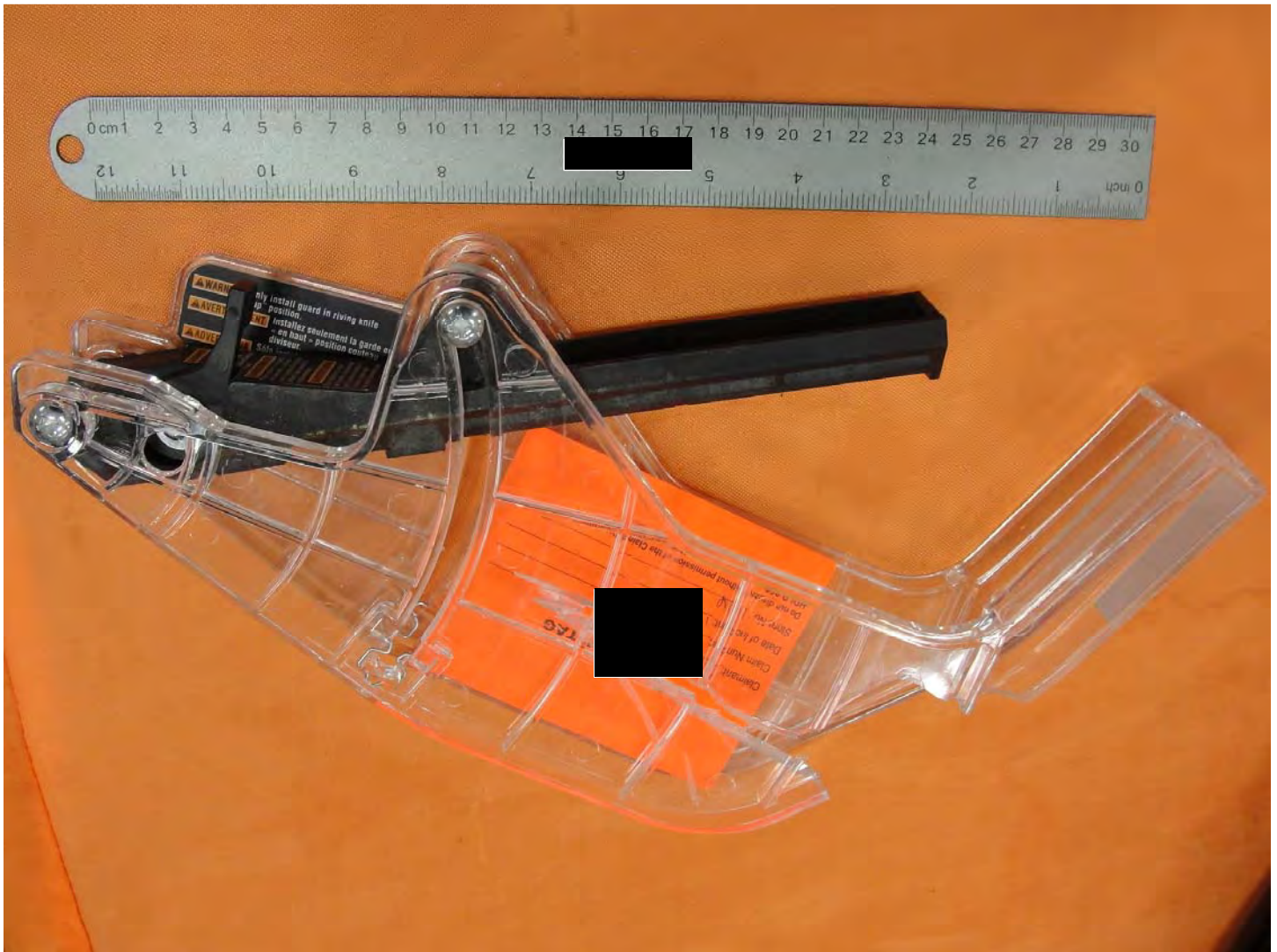




Photo 20: Overview of incident unit modular blade guard

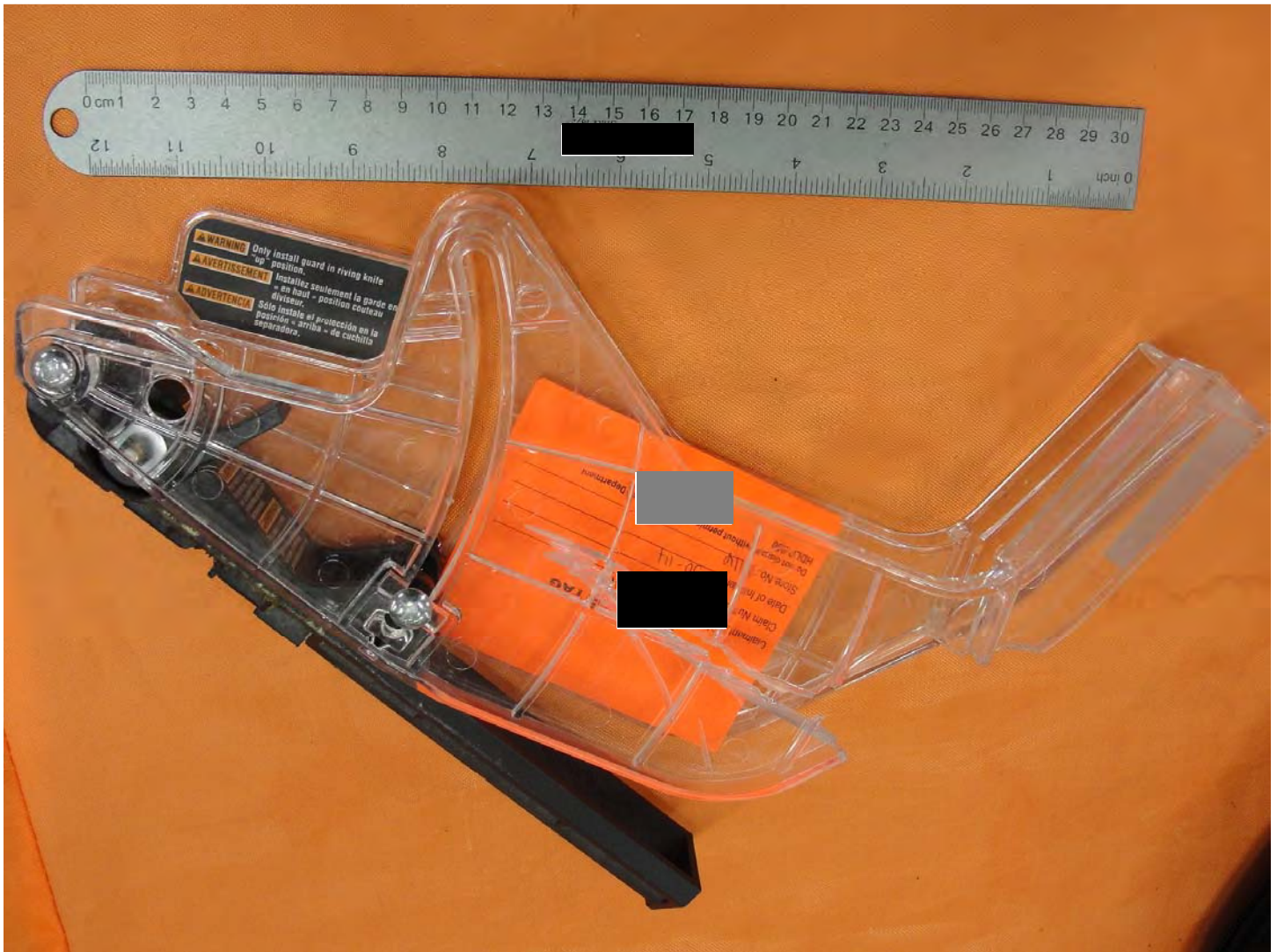


Photo 21: Close-up of damage done to incident modular blade guard as a result of incident

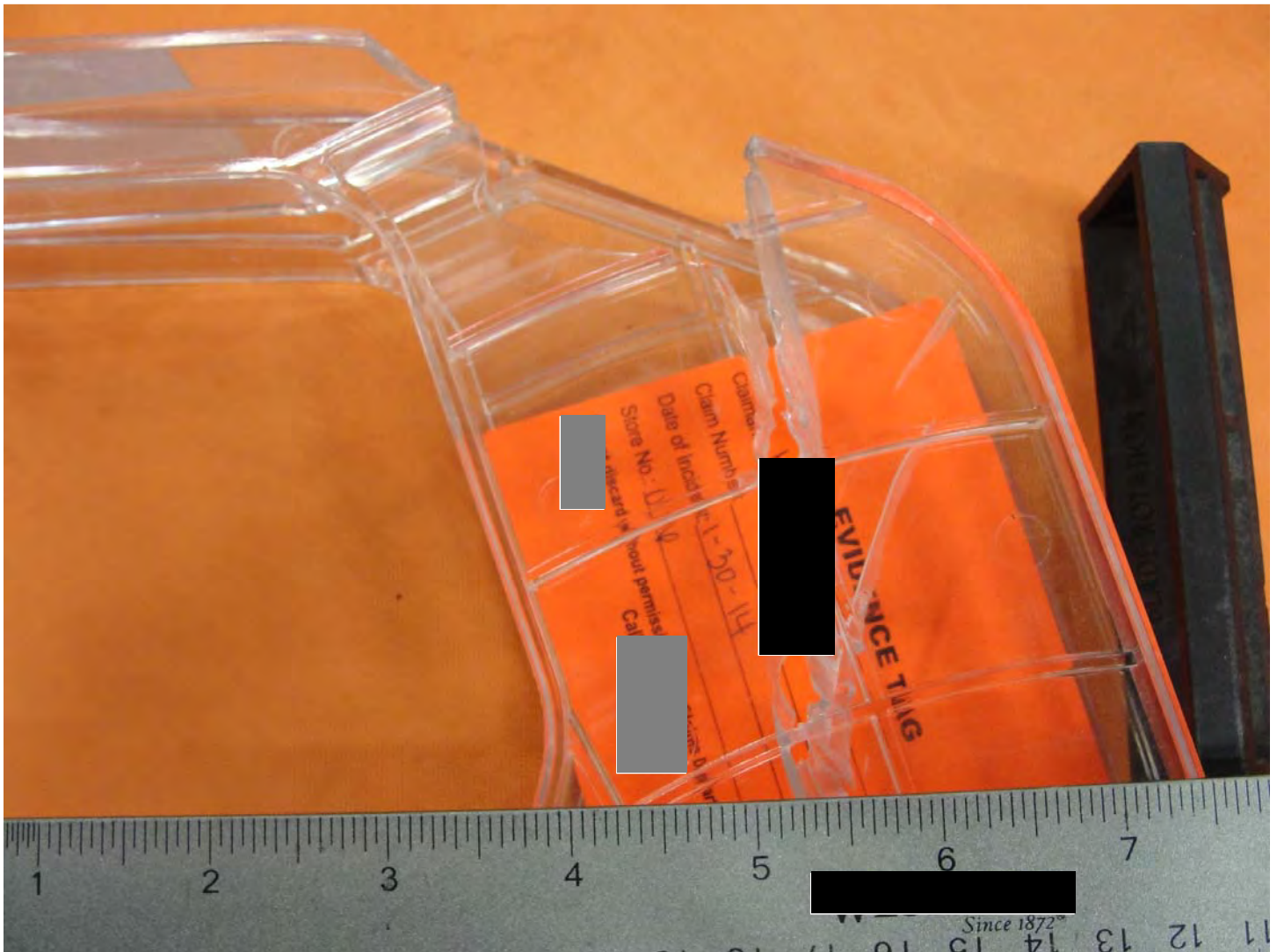




Photo 22: Close-up of damage done to incident modular blade guard as a result of incident



Photo 23: Close-up of damage done to incident modular blade guard as a result of incident

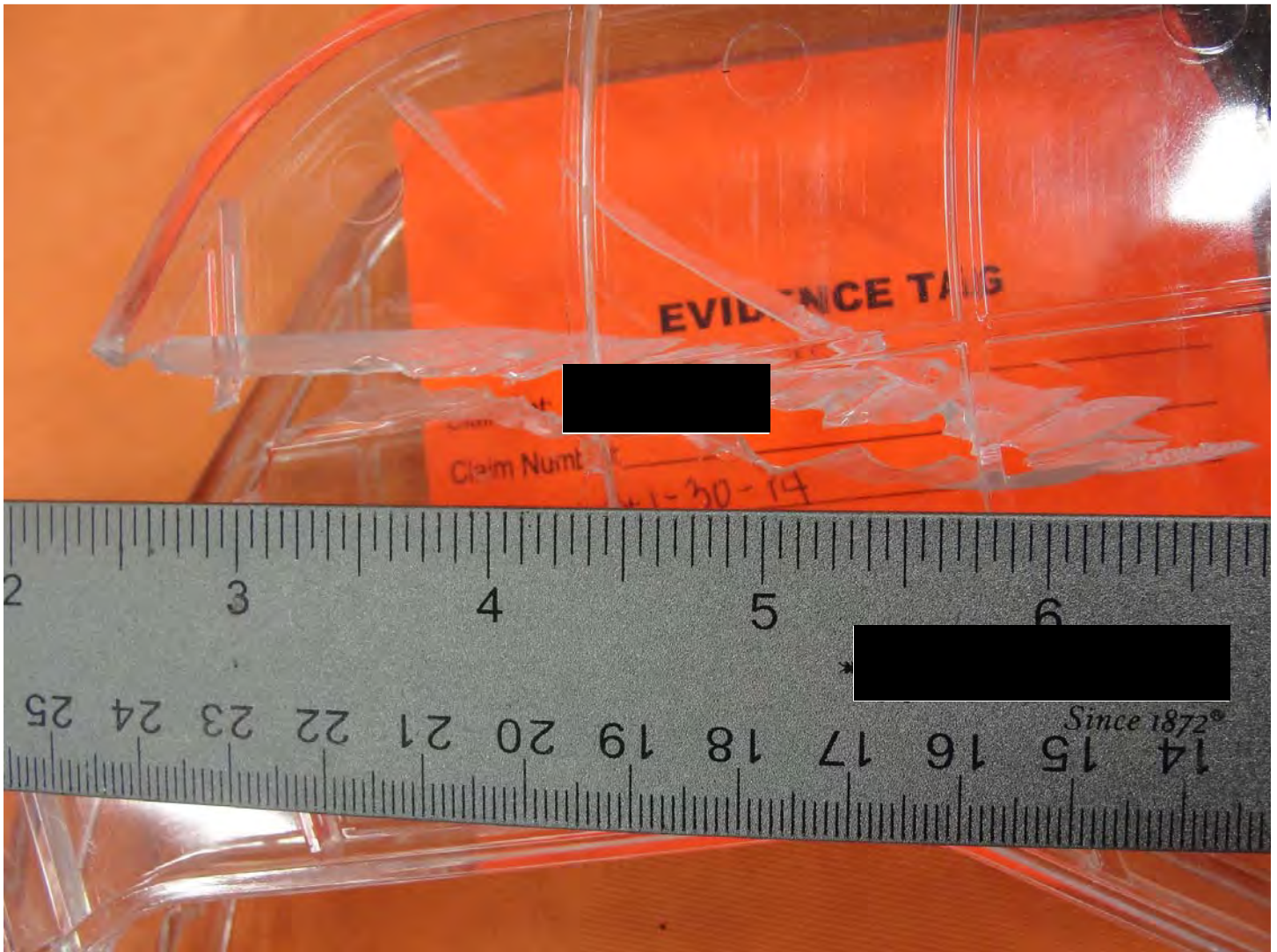




Photo 24: Close-up of modular blade guard where it attaches to table saw

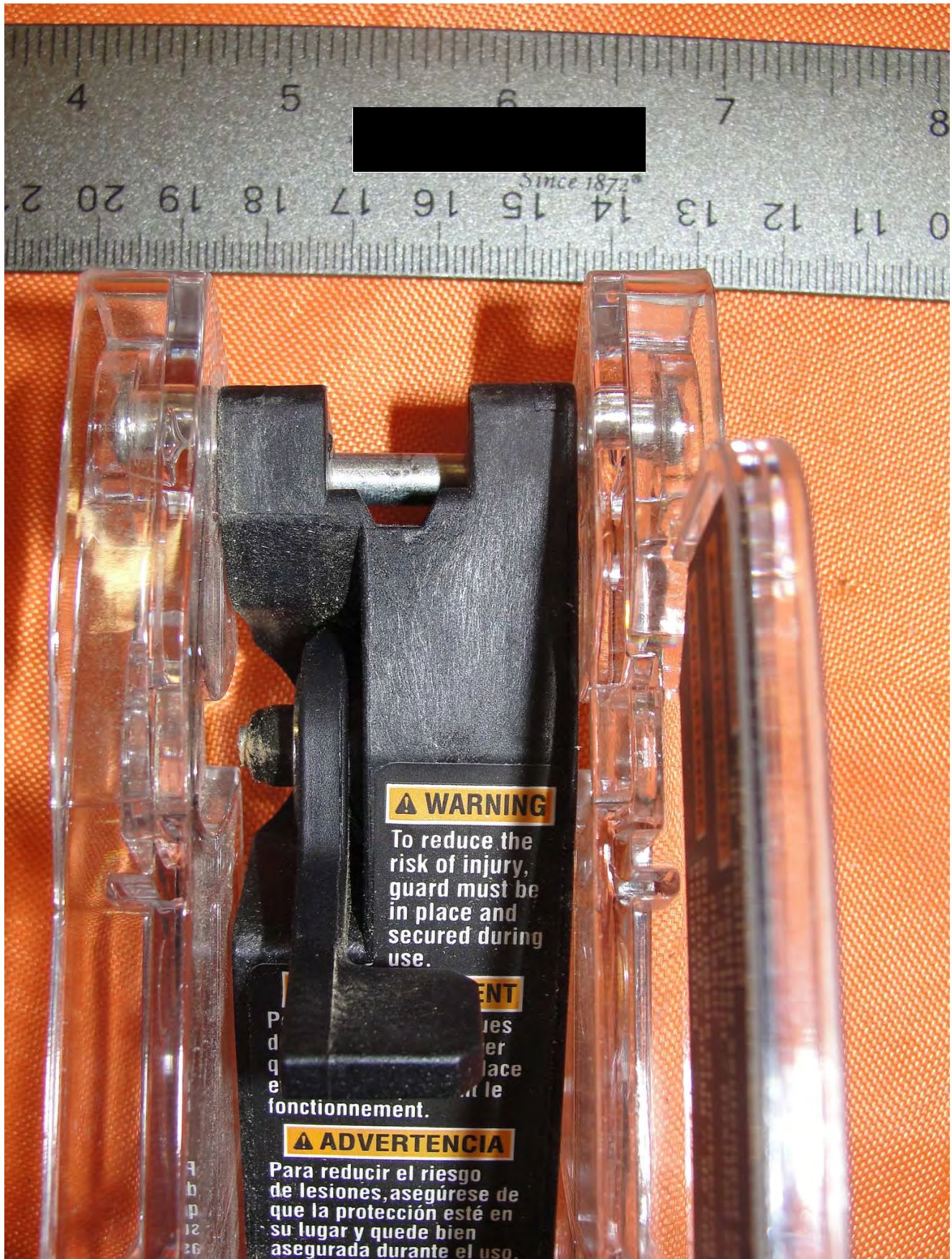




Photo 25: Close-up of modular blade guard where it attaches to table saw

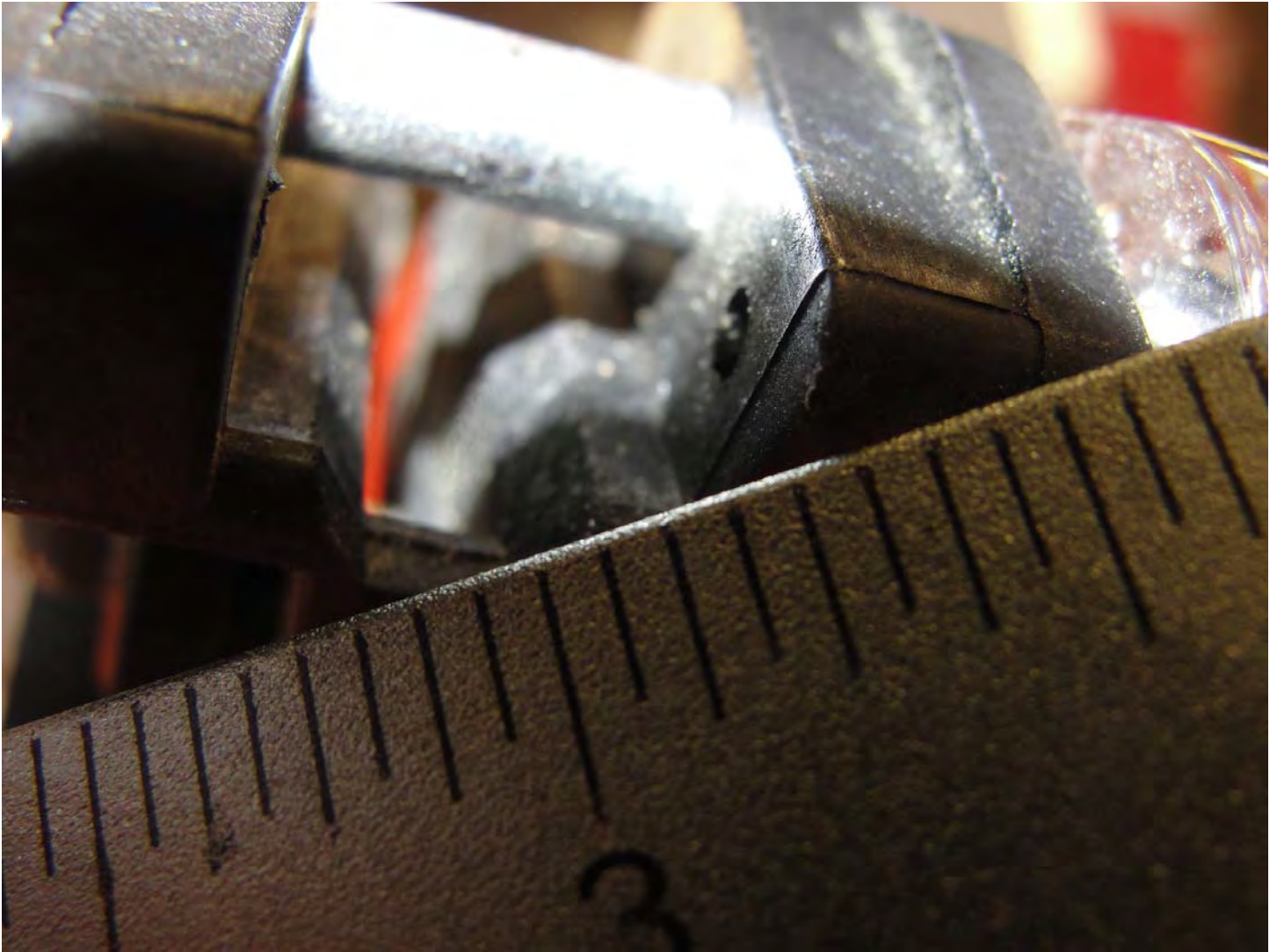




Photo 26: Close-up of modular blade guard where it attaches to table saw

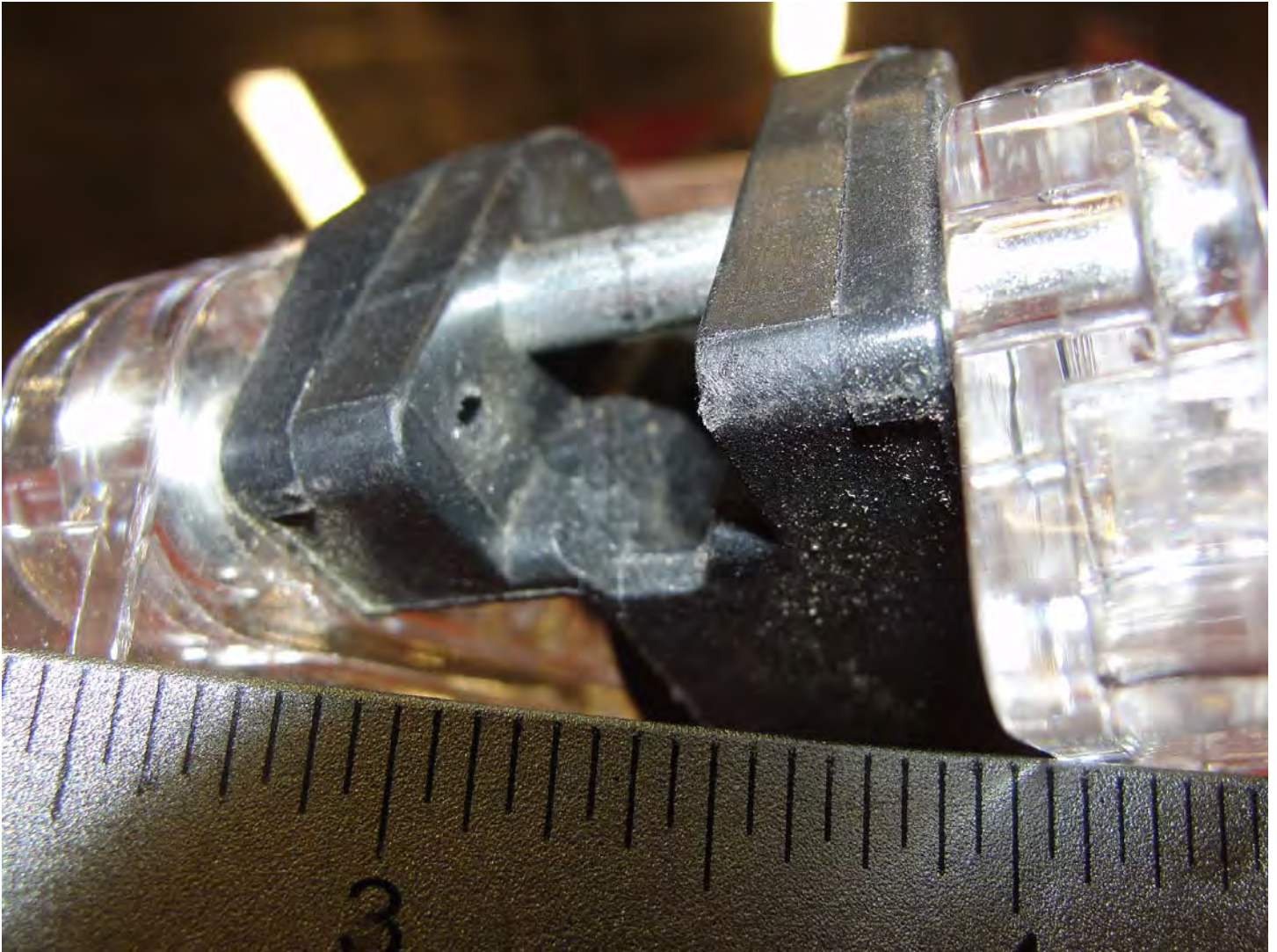




Photo 27: Close-up of modular blade guard where it attaches to table saw

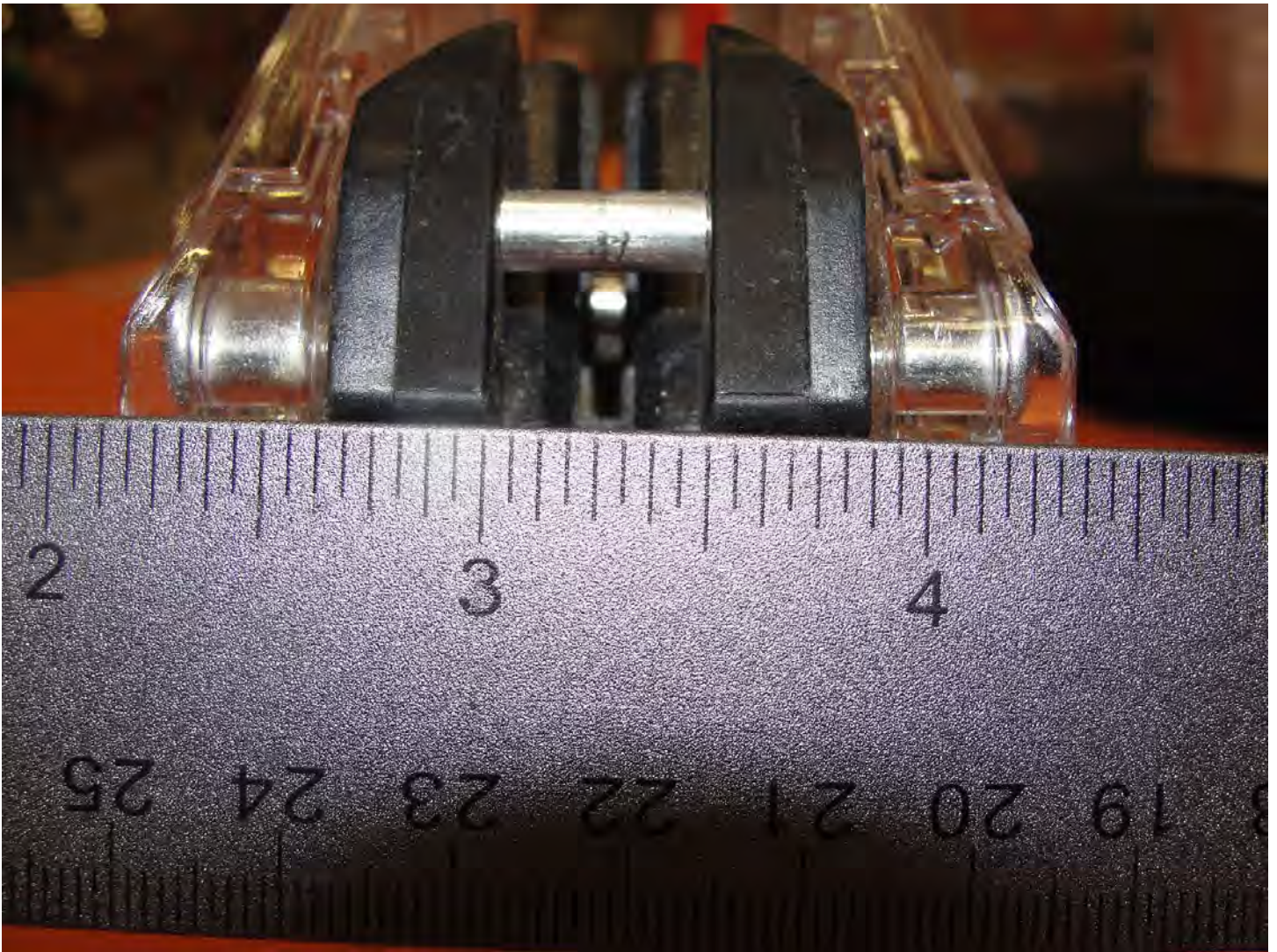
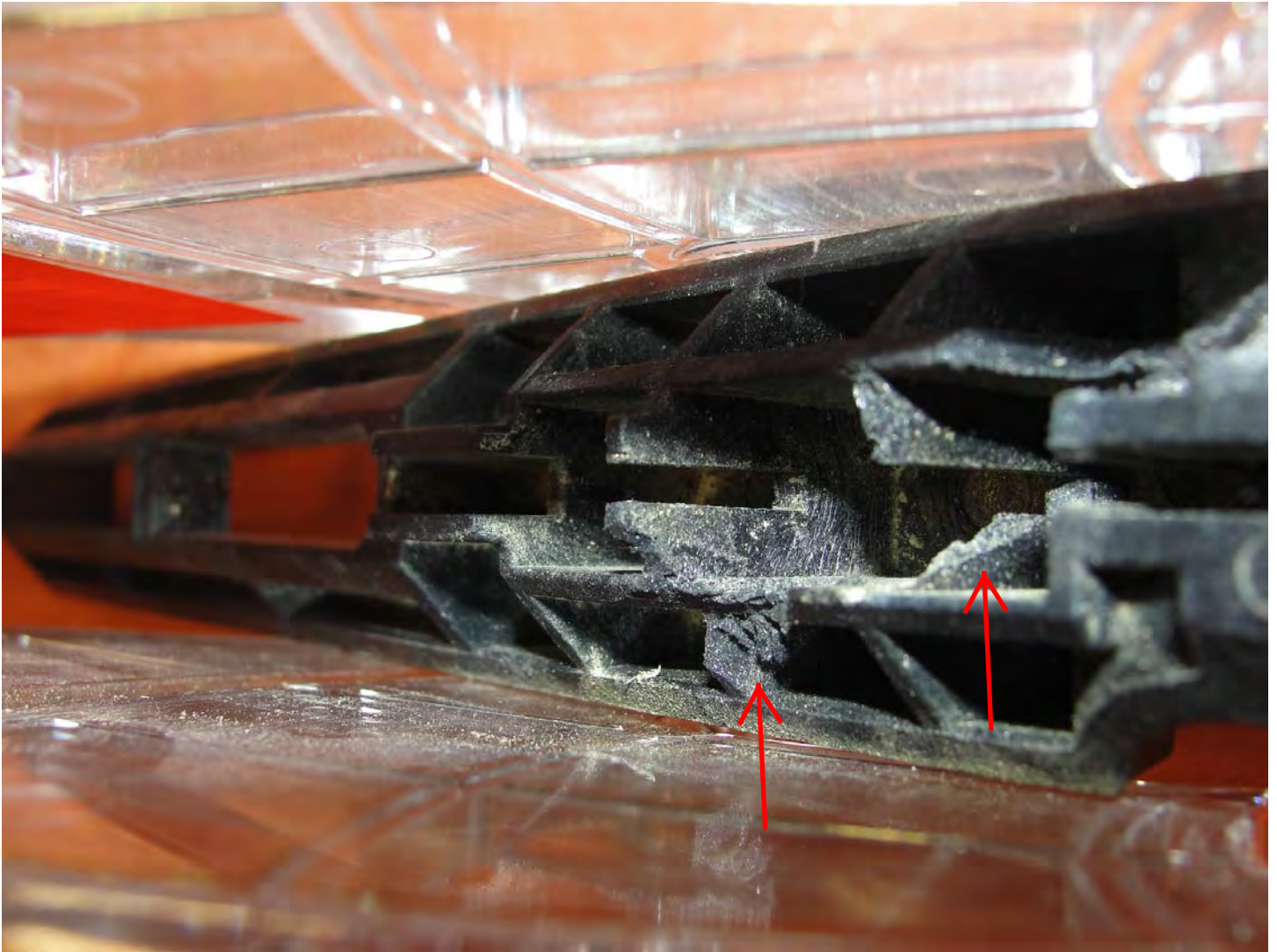


Photo 28: Underside of blade guard showing damage done as a result of the incident





Photo 29: Underside of blade guard showing damage done as a result of the incident



- [Air Tools](#)

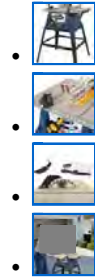
[wishlist](#)

To add a tool to your Wishlist, please click the "+" icon on the particular product's page. Then, you will be able to click the "Wishlist" button and print it, or share it via email.

## 10" Table Saw with Steel Stand

model # [REDACTED] | [REDACTED] sku# [REDACTED]

[buy it now](#)



[prevnext](#)

The [REDACTED] 10 inch Table Saw with Steel Stand offers exceptional performance at a great value. This tool is perfect for the cost-conscious pro and comes fully loaded with the latest and greatest table saw applications and guarding standards. Whether you are framing a door or building a deck, the [REDACTED] 10 inch Table Saw is light-weight and easy to use, which makes it the perfect addition to any tool collection.

- [ADD PRODUCT TO WISHLIST](#)

### Features

- 24-Tooth carbide-tipped blade
- Adjustable T-slot miter gauge allows for wide crosscut operation
- 16 inch x 25-3/4 inch table provides support for large ripping operations
- Lighter weight design for easy transport
- Transparent blade guard with integral anti-kickback pawls
- [REDACTED] provides material guide for large ripping operations
- Hand wheel for precise blade height adjustment
- Powerful 15 amp motor for the most demanding cuts



## Operator's manuals

- [Repair Sheet](#)

## specifications

Motor:

120V~ 60 HZ, 15 Amp

Blade Diameter:

10 inch

Arbor:

5/8 inch

Speed:

4,800 r/min (RPM)

Capacities

Max. depth of cut at 90°:

3 in.

Max. depth of cut at 45°:

2-5/8 in.

Max. rip to right of blade:

12" to right of blade 8" to left

Table Size

Top:

16 in. x 25-3/4 in.

Miter Slot:

5/8 in.

Overall Dimensions

Height:

14-3/4 in.

Width:

25-3/4 in.

Depth:

23-1/2 in.

Weight:

45 lbs. with stand

## includes

Table Saw

Rip Fence

Miter Gauge

Transparent Blade Guard Assembly with anti-kickback pawls

24-Tooth carbide-tipped blade

Hex key

2 Blade Wrenches

Leg Stand

Operator's Manual

## All Products

**FREE SHIP TO STORE<sup>†</sup> OR HOME<sup>†</sup> ON OVER 400,000 ITEMS\*. NEED IT NOW? BUY ONLINE AND PICK UP IN STORE<sup>†</sup>.**[PRO Site](#) | [Tool & Truck Rental](#) | [Installation Services and Repair](#) | [Gift Cards](#) | [Help](#)**15-Amp 10 in. Table Saw**★★★★☆ (166) [Write a Review](#)**\$129.00** / each**3 in Stock**  
Aisle **99** Bay **006**  
([change pick up store](#))**PRODUCT SOLD :** Online & In Store  
Item cannot be shipped to the following state(s): AK,GU,HI,PR,VI**PRODUCT OVERVIEW**

The 10 in. 15 Amp Table Saw with Stand is lightweight and easy to use, making it a great addition to any tool collection. It features a 15 Amp motor that can generate up to 5,000 RPM for powerful cutting. The 25 in. x 17 in. table provides support for large ripping operations. There is also an adjustable miter gauge for accurate cross cutting.

- Powerful 15 Amp motor can deliver up to 5,000 RPM for cutting power
- 10 in. blade
- Expanded rip capacity with 12 in. of space to the right of the blade and 8 in. to the left
- Adjustable miter gauge for accurate cross cuts
- Lightweight design for easy transport
- Large 25 in. x 17 in. table provides support for large ripping operations

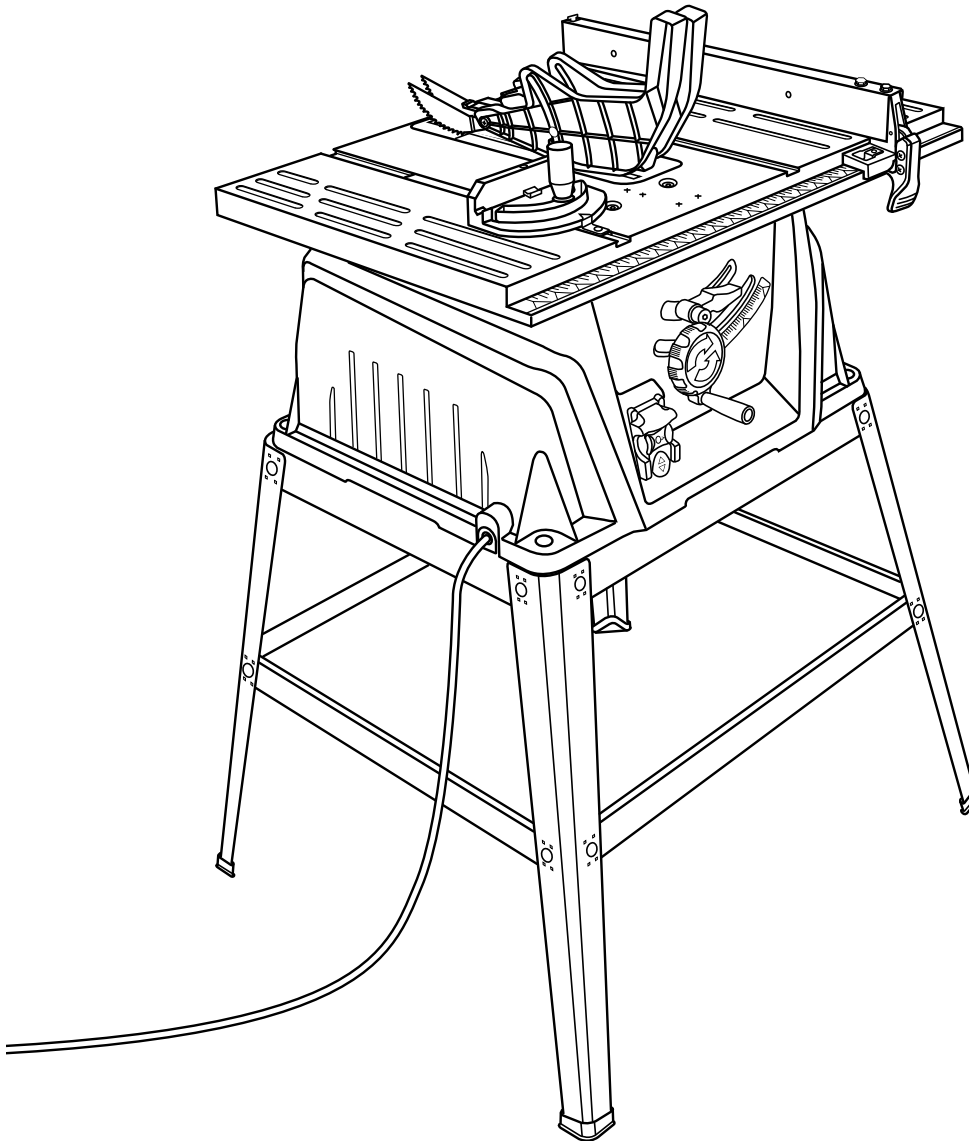
Join [Nation](#) and have an opportunity to win prizes, share your power tool experiences and receive exclusive offers for Nation members. Just click on the link to get started.

**SPECIFICATIONS**

Amperage (amps)	15	Assembled Depth (in.)	19.69 in
Assembled Height (in.)	13.00 in	Assembled Width (in.)	27.56 in
Bench & Stationary Tool Type	Table Saw	Bench or Stationary	Bench
Blade Diameter	10 in	Blade Location	Centered
Blade Speed	5000 RPM	Blade guard system	Yes
Certifications and Listings	1-UL Listed	Color Family	Blue
Cord Length (ft.)	6	Dust Collection Method	None
Manufacturer Warranty	3 Year	Maximum Cut Depth @ 45 Deg.	2.625 in
Maximum Cut Depth @ 90 Deg.	3 in	Maximum Speed (rpm)	5000
No Tool Blade Change	No	Power Tool Product Type	Bench & Stationary
Product Depth (in.)	27.56 in	Product Height (in.)	12.99 in
Product Weight (lb.)	51.68	Product Width (in.)	19.69 in
Reconditioned	No	Returnable	90-Day
Rip Capacity - Left	8 in	Rip Capacity - Right	12 in
Table Length (in.)	25	Table Width (in.)	17

# OPERATOR'S MANUAL

## 10 in. TABLE SAW



Your table saw has been engineered and manufactured to our high standard for dependability, ease of operation, and operator safety. When properly cared for, it will give you years of rugged, trouble-free performance.

**⚠ WARNING:** To reduce the risk of injury, the user must read and understand the operator's manual before using this product.

Thank you for your purchase.

**SAVE THIS MANUAL FOR FUTURE REFERENCE**

U.S. CONSUMER PRODUCT SAFETY COMMISSION	
NOTICE OF INSPECTION	
1. DATE 03/17/2014	3. FROM (Area Office and Address) [REDACTED]
2. TIME 8:45 A.M. _____ P.M.	
4. TO	
A. NAME AND TITLE OF INDIVIDUAL [REDACTED], Operations Manager	
B. FIRM NAME [REDACTED]	
C. NUMBER AND STREET ADDRESS [REDACTED]	
C. CITY, STATE, AND ZIP CODE [REDACTED]	
<p>Notice of Inspection is hereby given pursuant to:</p> <ul style="list-style-type: none"><li>• Section 5(a) of the Flammable Fabrics Act (15 U.S.C. § 1194(a));</li><li>• Sections 6(a), 9, and 10 of the Federal Trade Commission Act (15 U.S.C. §§ 46(a), 49, and 50);</li><li>• Sections 16, 19, and 27 of the Consumer Product Safety Act (15 U.S.C. §§ 2065, 2068, and 2076)</li><li>• Sections 301(e) and (f) and Section 704(a) of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. §§ 331(e) and (f) and 374(a)) [Authority for inspections in connection with the Poison Prevention Packaging Act of 1970 (15 U.S.C. § 1471 <i>et seq.</i>); and/or</li><li>• Sections 4(e), 11(b), and 12 of the Federal Hazardous Substances Act as Amended (15 U.S.C. §§ 1263(e), 1270(b), and 1271).</li></ul> <p>Refer to the back of this form for pertinent statutory language.</p>	
<b>5. PURPOSES OF INSPECTION AND NATURE OF INFORMATION TO BE OBTAINED AND/OR COPIED</b>  The purpose of this inspection is to obtain information; to review and obtain copies of items including, but not limited to, records (including electronic records), reports, books, documents, and labeling; and to obtain samples, in order to enforce or determine compliance with the Acts administered by the Consumer Product Safety Commission.	
<b>6. FREEDOM OF INFORMATION REQUIREMENTS</b>  Those from whom information is requested should state whether any of the information submitted is believed to contain or relate to a trade secret or other matter which should be considered by the Commission to be confidential and whether any of the information is believed to be entitled to exemption from disclosure by the Commission under the provisions of the Freedom of Information Act (5 U.S.C. § 552). Any statement asserting this claim of confidentiality must be in writing, and any request for exemption of the information from disclosure must be made in accordance with the Commission's Freedom of Information Act regulations, 16 CFR Part 1015.	
<b>7. SIGNATURE (Authorized CPSC Official)</b> [REDACTED]	



<b>U.S. CONSUMER PRODUCT SAFETY COMMISSION</b>	
<b>NOTICE OF INSPECTION</b>	
<b>1. DATE</b> 03/24/2014	<b>3. FROM (Area Office and Address)</b> <div style="background-color: black; width: 100%; height: 40px;"></div>
<b>2. TIME</b> 10:45 A.M. _____ P.M.	
<b>4. TO</b>	
<b>A. NAME AND TITLE OF INDIVIDUAL</b> <div style="background-color: black; width: 150px; height: 1.2em; display: inline-block;"></div> Operations Manager	
<b>B. FIRM NAME</b> <div style="background-color: black; width: 100%; height: 1.2em;"></div>	
<b>C. NUMBER AND STREET ADDRESS</b> <div style="background-color: black; width: 100%; height: 1.2em;"></div>	
<b>C. CITY, STATE, AND ZIP CODE</b> <div style="background-color: black; width: 100%; height: 1.2em;"></div>	
<p>Notice of Inspection is hereby given pursuant to:</p> <ul style="list-style-type: none"><li>• Section 5(a) of the Flammable Fabrics Act (15 U.S.C. § 1194(a));</li><li>• Sections 6(a), 9, and 10 of the Federal Trade Commission Act (15 U.S.C. §§ 46(a), 49, and 50);</li><li>• Sections 16, 19, and 27 of the Consumer Product Safety Act (15 U.S.C. §§ 2065, 2068, and 2076)</li><li>• Sections 301(e) and (f) and Section 704(a) of the Federal Food, Drug, and Cosmetic Act (21 U.S.C. §§ 331(e) and (f) and 374(a)) [Authority for inspections in connection with the Poison Prevention Packaging Act of 1970 (15 U.S.C. § 1471 <i>et seq.</i>); and/or</li><li>• Sections 4(e), 11(b), and 12 of the Federal Hazardous Substances Act as Amended (15 U.S.C. §§ 1263(e), 1270(b), and 1271).</li></ul> <p>Refer to the back of this form for pertinent statutory language.</p>	
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<b>7. SIGNATURE (Authorized CPSC Official)</b> <div style="background-color: black; width: 100%; height: 1.2em;"></div>	

## IFS Sample Collection Report - [REDACTED]

 [Print this](#)

<b>1. Sample Flag:</b>	<b>2. Date Collected:</b> 03/24/2014	<b>3. Sample Number and Type:</b> 14-810-7010 <input checked="" type="checkbox"/> Physical <input type="checkbox"/> Documentary	
<b>4a. Product Name:</b> [REDACTED]	<b>4b. Model:</b> [REDACTED]	<b>4c. NEISS:</b> 841 <b>4d. UPC Code:</b>	<b>5. Assignment No.:</b> 140306HCC2429
<b>6. For Import Samples</b>  <b>Port of Entry:</b> <b>Country of Origin:</b> <b>Entry No. and Date:</b> <b>Customs Contact:</b>			
<b>7. MIS:</b> 32402	<b>8. Hours - Activity:</b> 3.00 <b>Travel:</b> 1.00	<b>9a. Home RO:</b> CFIE	<b>9b. Collecting RO:</b> CFIE
<b>10. Sample Cost:</b> \$0.00	<b>11. Invoice Value of Lot:</b> \$0.00	<b>12. Size of Lot:</b> 1.00	<b>Units:</b> unt
<b>13. Manufacturer/Importer:</b> # [REDACTED] [REDACTED]			
<b>14. Shipper/Foreign Manufacturer:</b>  			
<b>15. Dealer/Importer Broker:</b> # [REDACTED] [REDACTED]			
<b>16. Supporting documents attached:</b>  <b>Invoice No. and Date :</b> N/A <b>Shipping Record and Date:</b> N/A <b>Affidavit Signer's Name, Title and Date:</b> [REDACTED], Operations Manager, 3/24/2014			
<b>17. Product Identification:</b> Product is one unit of a modular blade guard. It is clear plastic and black in color. The blade guard has labeling that reads in part: "***WARNING Lower guard before starting saw.***WARNING Only install guard in riving knife "up" position.***".			
<b>18. Reason Collection Analysis Needed:</b> <input type="checkbox"/> FHSA <input checked="" type="checkbox"/> CPSA <input type="checkbox"/> FFA <input type="checkbox"/> PPPA <input type="checkbox"/> RSA <input type="checkbox"/> VGBA <input type="checkbox"/> CGBP			

POSSIBLE LACERATION / IMPACT HAZARD

**19. Summary of Field Screening:**

None

**20. Sample size/Method of Collection:**

Sample consists of one unit. This blade guard is the incident unit, which was turned over to the retailer by the consumer. It was collected from the retailer in Woodstock, GA and transported to the CPSC resident post in Cumming, GA where it was kept under lock and key until time of shipment. Sample was identified as in block #21, officially sealed in a plastic bag as in block #22, and shipped in a cardboard box. Sample was sent via UPS to the Sample Custodian c/o Otis Barrett.

**21. Identification on Sample:** 14-810-7010 Sub 1 [REDACTED] 03/24/2014**22. Identification on Seal and Date:** 14-810-7010 [REDACTED] 03/24/2014**23. Sample Delivered To:** UPS 30040 **23b. Date:** 03/24/2014**24. Report/Record Sent To:** CFIE**25. Laboratory/Office:**

☐ LSE   ☐ LSM   ☒ CRC   ☐ SIU   ☐ LSC   ☐ LS   ☐ CLD   ☐ SSF  
☐ Other

**26. Remarks:**

Attachments: 1. Photos, 2. NOI, 3. Receipt for Samples, 4. Affidavit, 5. Owner's Manual

**27. Related Samples:** 14-810-7011**28a. Investigator Name/Title/Date:**

[REDACTED] - Investigator - 03/24/2014

**29a. Supervisor Name/Title/Date:**

[REDACTED] - Supervisor - 03/25/2014

**CERTIFIER INFORMATION:****Certificate Available?** ☐ Yes ☒ No **How Available?** ☐ Electronic ☐ Paper **Lot****Number:****If electronic, provide web address/location:****Type of Certificate:****Test Facility:****Sticker / AQSIQ Number:****Comment:**



## IFS Sample Collection Report - 14-810-7011

[Print this](#)

<b>1. Sample Flag:</b>	<b>2. Date Collected:</b> 03/24/2014	<b>3. Sample Number and Type:</b> 14-810-7011 <input checked="" type="checkbox"/> Physical <input type="checkbox"/> Documentary	
<b>4a. Product Name:</b> [REDACTED]	<b>4b. Model:</b> [REDACTED]	<b>4c. NEISS:</b> 841 <b>4d. UPC Code:</b>	<b>5. Assignment No.:</b> 140306HCC2429
<b>6. For Import Samples</b>  <b>Port of Entry:</b> <b>Country of Origin:</b> <b>Entry No. and Date:</b> <b>Customs Contact:</b>			
<b>7. MIS:</b> 32402	<b>8. Hours - Activity:</b> 3.50 <b>Travel:</b> 1.00	<b>9a. Home RO:</b> CFIE	<b>9b. Collecting RO:</b> CFIE
<b>10. Sample Cost:</b> \$129.00	<b>11. Invoice Value of Lot:</b> \$0.00	<b>12. Size of Lot:</b> 1.00	<b>Units:</b> unt
<b>13. Manufacturer/Importer: #</b> [REDACTED]			
<b>14. Shipper/Foreign Manufacturer:</b>			
<b>15. Dealer/Importer Broker: #</b> [REDACTED]			
<b>16. Supporting documents attached:</b>  <b>Invoice No. and Date :</b> N/A <b>Shipping Record and Date:</b> N/A <b>Affidavit Signer's Name, Title and Date:</b> N/A			
<b>17. Product Identification:</b> Product is one unit of a table saw and modular blade guard. The table saw sits on a black metal base. The saw housing is blue with a grey top. The table saw has labeling that reads in part: "***[REDACTED] Table Saw***[REDACTED] 120V~60Hz, 15A, 5000 r/min***S/N [REDACTED]***". The blade guard is clear plastic and black in color. The blade guard has labeling that reads in part: "***WARNING Lower guard before starting saw.***WARNING Only install guard in riving knife "up" position.***".			

**18. Reason Collection Analysis Needed:**

☐ FHSA    ☒ CPSA    ☐ FFA    ☐ PPPA    ☐ RSA    ☐ VGBA    ☐ CGBP

POSSIBLE LACERATION / IMPACT HAZARD

**19. Summary of Field Screening:**

The blade height was adjusted by the consumer prior to the on-site IDI. The blade height was fully lowered by this investigator in order to ship the table saw. The blade height adjuster handle was also removed in order to ship the table saw. The adjuster handle and bolt are enclosed in the sample box in a plastic bag and are clearly labeled.

**20. Sample size/Method of Collection:**

Sample consists of one unit. The table saw is the incident unit, but the blade guard that was also collected from the consumer is an exemplar unit. The table saw and blade guard were collected from the consumer in Woodstock, GA and transported to the CPSC resident post in Cumming, GA where it was kept under lock and key until time of shipment. Sample was identified as in block #21 and officially sealed in a cardboard box as in block #22. Sample was sent via UPS to the Sample Custodian c/o Otis Barrett.

**21. Identification on Sample:** 14-810-7011 Sub 1 [REDACTED] 03/24/2014

**22. Identification on Seal and Date:** 14-810-7011 [REDACTED] 03/24/2014

**23. Sample Delivered To:** UPS 30040    **23b. Date:** 03/24/2014

**24. Report/Record Sent To:** CFIE

**25. Laboratory/Office:**

☐ LSE    ☐ LSM    ☒ CRC    ☐ SIU    ☐ LSC    ☐ LS    ☐ CLD    ☐ SSF  
☐ Other

**26. Remarks:**

Attachments: 1. Photos, 2. Receipt for Samples, 3. Owner's Manual

**27. Related Samples:** 14-810-7010

**28a. Investigator Name/Title/Date:**

[REDACTED] - Investigator - 03/24/2014

**29a. Supervisor Name/Title/Date:**

[REDACTED] - Supervisor - 03/25/2014

**CERTIFIER INFORMATION:**

**Certificate Available?**    ☐ Yes    ☒ No    **How Available?**    ☐ Electronic    ☐ Paper    **Lot**

**Number:**

**If electronic, provide web address/location:**

**Type of Certificate:**

**Test Facility:**

**Sticker / AQSIQ Number:**

**Comment:**



# U.S. Consumer Product Safety Commission

## Authorization for Release of Name

Thank you for assisting us in collecting information on a potential product safety problem. The U.S. Consumer Product Safety Commission depends on concerned people to share product safety information with us. We maintain a record of this information, and use it to assist us in identifying and resolving product safety concerns.

We routinely forward this information to manufacturers and private labelers to inform them of the involvement of their product in an accident situation. We also give the information to others requesting information about specific products. Manufacturers need the individual's name so that they can obtain additional information on the product or accident situation.

Would you please indicate on the bottom of this page whether you will allow us to disclose your name? If you request that your name remain confidential, we will, of course, honor that request. After you have indicated your preference, please sign your name and date the document on the lines provided.

☐

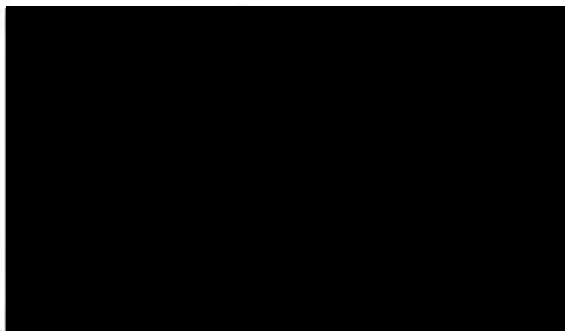
I request that you do not release my name. My identity is to remain confidential.

☒

You may release my name to the manufacturer but I request that you do not release it to the general public.

☐

You may release my name to the manufacturer and to the public.



Date

3/17/14





## DATA RECORD SHEET

### Investigation Guideline

**PRODUCT:** Table/Bench Saw

TASK NUMBER \_\_\_\_\_ INCIDENT DATE \_\_\_\_\_

1. Describe the saw involved in the incident. Was the saw mounted on a table or a bench or was it portable?

\_\_\_\_\_ Mounted on a table or bench

\_\_\_\_\_ Portable

\_\_\_\_\_ Other, Specify: \_\_\_\_\_

\_\_\_\_\_ Don't Know

2. About how old is the saw?

3. What is the brand name (manufacturer), model name/number, and horsepower of the saw?

\_\_\_\_\_

4. Had the saw been changed or modified in anyway since you got it? How was the saw changed or modified? Who did it?

5. Was the motor running at the time of the accident? (**Determine if the saw had just been turned "on" or "off"**).

6. Does the blade have a safety switch (removable or stationary) such as a key lock that must be activated, in addition to the start switch, before the saw can be turned on?

7. Is the saw blade belt driven or direct drive?

8. Was the operator actually cutting, about to start cutting, at the end of a cutting operation, pausing during a cutting operation, at the time of the incident?

9. How long had the operator been working with the saw that day before the accident occurred?

10. What was the operator cutting at the time of the incident?

11. What type of cutting was the operator performing at the time of the incident? Had the operator been cutting the length of the stock, cutting the width of the stock, or cutting the stock at an angle, or cutting the stock in some other way?

12. Does the operator use a different type of blade for different types of cutting operations?

13. What type of blade was being used at the time of the incident? Was it a crosscut blade, rip blade, combination blade, dado blade, plywood/paneling blade, metal cutting blade or other (**please specify**)?

14. What was the diameter of the saw blade (in inches)?

15. What was the condition of the blade at the time of the incident? Was it sharp, dull, had teeth missing or something else?

16. Was the blade guard attached to the saw at the time of the accident?

17. At the time of the incident, did the blade guard function properly? (**Whether the guard returned quickly to its normal position or was slow to return and hung up**).

18. What was the shape of stock/material being cut? (e.g. rectangular, square, molding, stick...).

19. What was the length, width, and thickness of stock/material being cut?

20. What was the condition of stock/material?

21. Describe how stock/material was supported.

22. Did the whole surface of stock/material fit on table or did it extend beyond?

23. Was stock/material or the support firmly anchored?

24. Was the operator pulling, pushing, or holding stock/material at the time of incident?

25. Was the fence (Figure 1) used to guide stock/material?

26. Was stock/material held securely against the fence during the cutting operation or was it wobbling or shifting?



27. What was the height of the blade above the table? How was this height measured (saw gauge, ruler, other)?

28. Was there an anti-kickback and spreader assembly (Figure 1) attached to the saw at the time of the incident?

29. Is the operator right-handed or left-handed or does he/she use both hands interchangeably?

30. Was the operator wearing eyeglasses, safety goggles, gloves, or any other special clothing at the time of the incident?

31. How many times during the last year has the operator used the saw?

32. Was the saw assembled when purchased or did the operator have to assemble it him/herself?

1. Case No.	2. Investigator's ID	3. Office Code	<b>EPIDEMIOLOGIC INVESTIGATION REPORT</b>
140804HEP8079	4467	591	
4. Date of Accident (Y M D)	5. Date Investigation Initiated (Y M D)		
140728	140820		
6. Synopsis of Accident of Complaint			
<p>55 YEAR OLD MALE WAS CUTTING WOOD CROSSES AS A CRAFT FOR [REDACTED] SCHOOL. HE WAS CUTTING 2 X 4 STOCK DOWN TO 1/4 INCH THICKNESS. HE WAS USING THE PLASTIC SAFETY GUARD TO PUSH THE WOOD THRU THE BLADE. HE PRIMARILY USES HIS LEFT HAND FOR WRITING AND IS A LEFT HANDER. HE WAS USING HIS RIGHT HAND TO PUSH THE WOOD THRU THE SAW WHEN THE PLASTIC PUSH STICK KICKED OUT OF HIS HAND. HE LOST HIS BALANCE AND HIS FREE LEFT HAND FELL INTO THE BLADE CUTTING OFF THE TIP OF HIS LEFT INDEX FINGER. HE HAD A SUCCESSFUL SURGERY AND HAS REGAINED SENSATION TO HIS FINGER TIP. HE WAS TREATED AND RELEASED FROM THE EMERGENCY ROOM.</p>			
7. Locations (Home, School, etc.)	8. City	9. State	
1	[REDACTED]	[REDACTED]	
10A. First Product	10B. Trade/Brand Name	10C. Model Number	
841	[REDACTED]	[REDACTED]	
10D. Manufacturer Name and Address			
UNKNOWN			
11A. Second Product	11B. Trade/Brand Name	11C. Model Number	
11D. Manufacturer Name and Address			
12A. Hispanic or Latino	12B. Race	12C. Race Source	
NO	1	1 – Respondent – Self/Family	
13. Age of Victim	14. Sex (1=M, 2=F, 3=Unk)	15. Disposition	16. Injury Diagnosis
55	1	1	50
17. Body Part	18. Respondent(s)	19. Type of Investigation (1=Onsite, 2=Phone,3=Other)	20. Time Spent
92	SELF	2	45 MIN
21. Attachment(s)	22. Case Source	23. Reviewed By:	24. Date (Y M D)
05 QUESTIONNAIRE	03	yen	14/09/08

<b>23. Narrative (More detail may be included on separate pages)</b>	
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**General Instructions:**

**Before contacting the respondent, please review the NEISS emergency-department information on the assignment cover sheet. The first 3 questions require you to enter some information before you begin the interview.**

**If the victim is age 17 or younger, interview the parent of the victim, or ask a parent to listen to the interview on an extension phone while you interview the victim. The respondent should be the victim if the victim was 18 years or older.**

**The boldface/blue text throughout the questionnaire are instructions for you as the interviewer, and should not be read to the respondent.**

**Do not read aloud the "Don't know/Refused" choice in any question. Only mark this if the respondent replies as such.**

**Pre-Interview Questions:**

**Q.1 Please enter the task number (tkno).**

140804HEP8079

**Q.2 Please select the product code on the NEISS record of the type of saw involved in the incident.**

**Product Codes:**

**0841=table or bench saw**

**0842=band saw**

**0843=radial arm saw**

**0845=saw, not specified**

**0895=power saw, other or not specified**

table or bench saw

**Q.3 Does the NEISS record indicate an injury to a finger or hand (body part codes: finger=92, hand=82)?**

Yes

**Introduction Questions**



Q.4 Hello. May I speak with \_\_\_\_\_?

**(Interviewer: Ask for the victim by name, or ask for a parent or guardian of the victim if less than 18 years).**

Person available

Q.5 I am \_\_\_\_\_. I am working with the U.S. Consumer Product Safety Commission. In cooperation with **(insert hospital name)**, we are doing a special study of table saw-related injuries. We are interested in learning more about these incidents, so we can find ways to help prevent similar injuries in the future. The information is confidential and for statistical purposes only. Our records indicate that you were recently treated for a saw-related injury. Will you help us by answering some questions regarding that injury?

Agree

Q.8 **Interviewer: Who is the respondent?**

Victim

Q.11 Are you of Hispanic, Latino, or Spanish origin?

**(Interviewer: If respondent hesitates or says "don't know", say the following: This include people from, or descended from, Apsin, Mexico, Puerto Rico, Cuba, The Dominican Republic, or from Central or South America. Hispanics or Latinos may be of any race.**

No

Q.12 Which of the following race or races describes you?

**Select all that apply.**

White

The next set of questions pertains to the type of saw involved in the incident.

Q.15 Was the saw that was involved in the incident a manual or powered saw?

Powered

Q.17 Was the saw a handheld model?

No

Q.18 According to our record, the saw involved was a [ANSWER TO Q. 4]. Is this correct?

Yes

Q.21 There are different kinds of table saws. I am going to read you descriptions of the different types and ask you to identify which of the descriptions matches the saw that was involved in the injury.

A portable bench saw is a lightweight and compact saw with an aluminum tabletop. It weights as little as 40 pounds, and is easily carried around by one person. This saw is typically set on a bench top or other raised surface. Some models may include removable stands or foldable legs.

A contractor saw is a medium-duty, semi-portable table saw that ranges from 200 to 350 pounds. These saws usually feature a cast-iron table top and are always provided with a stand or base with wheels for moving the saw. Transportation of a contractor saw is typically handled by two people.

A cabinet saw is a large, non-portable heavy-duty saw that weights up to 800 pounds. The saw rests on the floor, has a large table top and has a closed cabinet stand that reaches to the floor. These saws are often used by serious woodworkers and in furniture shops. It is also sometimes referred to as an industrial table saw.

Was the table saw involved in the injury a portable bench saw, a contractor saw, or a cabinet saw?

**(Reread the definitions as necessary to ensure the respondent understands the question and choices.)**

portable bench saw

Q.23 There are two type of drives in table saws. I am going to describe the two types and ask you to identify the type of drive of the saw.

The blade of a direct drive table saw mounts directly to the output shaft of the motor, so the motor turns the blade directly.

The blade of an indirect drive table saw mounts to a shaft that is linked to the motor by a belt or gears, so the motor turns the blade indirectly.

Is the blade of the table saw driven directly or indirectly by the motor?

directly driven

Q.29 Do you know any information about the saw, such as manufacturer, model, or horsepower?

Yes, at least one known

Q.30 What is the name of the manufacturer of the saw?

**(Interviewer: Enter the manufacturer of the saw as given. Enter "DK" is the respondent does not know the manufacturer of the saw.)**

██████████

Q.31 What is the model name and/or number of the saw?

**(Interviewer: Enter the model of the saw as given. Enter "DK" is the respondent does not know the model of the saw.)**

██████████████████

Q.32 What is the horsepower of the saw?

**(Interviewer: Enter the horsepower of the saw as given. Enter "DK" is the respondent does not know the horsepower of the saw.)**

DK

Q.33 Does the saw belong to you?

Yes

Q.34 Was the saw new or used when you got it?

New

Q.35 About how much did you pay for the saw?

**(Interviewer: Enter "DK" if unknown.)**

\$90 IT WAS A GIFT

Q.36 About how old is the saw?

**(Interviewer: Enter "DK" if unknown.)**

7 MONTHS, 1ST TIME USING

The next set of questions is related to the injury that occurred.

Q.37 Please describe how the injury occurred and what the injuries were. That is, what happened just before, during, and after the injury?

VICTIM WAS CUTTING WOOD CROSSES AS A CRAFT FOR [REDACTED] SCHOOL. HE WAS CUTTING 2 X 4 STOCK DOWN TO 1/4 INCH THICKNESS. HE WAS USING THE PLASTIC SAFETY GUARD TO PUSH THE WOOD THRU THE BLADE. HE PRIMARILY USES HIS LEFT HAND FOR WRITING AND IS A LEFT HANDER. HE WAS USING HIS RIGHT HAND TO PUSH THE WOOD THRU THE BLADE WHEN THE PLASTIC PUSH STICK KICKED OUT OF HIS HAND. HE LOST HIS BALANCE AND HIS FREE LEFT HAND FELL INTO THE BLADE CUTTING OFF THE TIP OF HIS INDEX FINGER. HE REQUIRED SURGERY AND WILL BE GETTING THE STITCHES OUT SOON AND IS OPTIMISTIC BECAUSE HE HAS SENSATION AGAIN IN HIS FINGER. HE RECEIVED THE TABLE SAW FOR CHRISTMAS AS A GIFT AND THIS WAS THE FIRST TIME HE WAS USING IT. HE WONDERS IF THE PUSH STICK WAS WOOD...IT MAY NOT HAVE KICKED BACK. HE IS DETERMINED TO USE THE SAW AGAIN ONE DAY.

The following questions may seem somewhat repetitive, but please bear with us as we try to capture information about the incident.



Q.38 Was the saw's motor running at the time of the injury?

**(Interviewer: Do not read the choices. Select the best one based on the respondent's answer.)**

Motor was running

Q.42 Were you or was someone else operating the saw at the time of the injury?

**(Interviewer: If the respondent indicates that the saw was not being operated at the time of the injury, select that option.)**

Victim was operating the saw

Q.45 Did the injury occur due to contact with the blade?

Yes

Q.46 Was your hand approaching the front of the blade or the back of the blade when the injury occurred?

the front of the blade

Q.48 Did your hand fall into the blade or was your hand pulled into the blade?

Fell into the blade

Q.49 Was a blade guard attached to the saw at the time of the injury?

Yes

Q.50 There are different types of blade guards. I am going to describe two types of blade guards, and ask which one best fits the one that was attached to your saw.

A traditional blade guard is a single-piece hood resting over the saw blade.

A modular blade guard system, also called a dual guard system, has two sections that operate independently on either side of the blade.

Was the blade guard used at the time of the injury a traditional blade guard or a modular blade guard?

Modular blade guard

Q.57 A thin, flat piece of metal is often located behind the saw blade to prevent the side of the cut piece from pinching the blade. If the metal piece raises and lowers with the saw blade, the device is called a riving knife. If the metal piece remains in the same place behind the blade, and is the mounting point for the blade guard, the device is called a spreader or a splitter.

Was a riving knife, spreader, splitter, or nothing like these used at the time of the injury?

Riving knife

Q.58 Anti-kickback pawls are located behind the saw and are spring-loaded pieces of metal with sharp teeth. The teeth on the pawls are angled to dig into the work piece, if the piece starts to move back towards the operator. Were anti-kickback pawls attached to the saw at the time of the injury?

Yes

The following set of questions are related to what was being cut at the time of the injury.

Q.59 Which of the following best describes the material being cut at the time of the injury?

Wood

The object being cut will be referred to as the "stock" in the following questions.

Q.61 Were you cutting the length of the stock (ripping), cutting the width of the stock (cross cutting), cutting at an angle, or cutting the stock in some other way?

The length of the stock (ripping)

Q.63 Was the blade on the saw a crosscut blade, rip blade, combination blade, dado blade, or some other type of blade?

Combination blade

Q.65 Was the blade straight up and down or was it titled to the side for the cut?

Straight up and down

Q.66 What was the blade's height above the table?

**Interviewer: Record the height with the units provided by the respondent. Enter "DK" if (unknown.)**

1/8 INCH HIGHER THAN THE 2 X 4 HE WAS CUTTING

Q.67 Did the stock move unexpectedly, such as a kickback or jump?

**(Interviewer: Any unexpected stock movement is a "yes" response.)**

Yes

Q.68 Were you pushing, pulling, or holding the stock at the time of the injury?

Pushing

Q.70 Was a push stick, miter gauge, sled, or anything else being used for moving the stock through at the time of the injury?

**(Select all that apply.)**

Push stick

Q.71 Were you wearing eyeglasses, safety goggles, gloves, or any other special clothing at the time of the injury?

**(Select all that apply.)**

Eyeglasses

Thank you for your time. This survey will be used to help prevent table saw injuries in the future.



<b>1. Case No.</b>	<b>2. Investigator's ID</b>	<b>3. Office Code</b>	<b>EPIDEMIOLOGIC INVESTIGATION REPORT</b>
140807HEP5761	4454	591	
<b>4. Date of Accident (Y M D)</b>	<b>5. Date Investigation Initiated (Y M D)</b>		
14/08/02	14/08/25		
<b>6. Synopsis of Accident of Complaint</b>			
PATIENT IS A 37 YEAR OLD MALE WHO WAS USING A TABLE SAW TO RIP WOOD. THE PATIENT HAD A PUSH STICK IN HIS LEFT HAND & THE PUSH STICK SLIPPED CAUSING HIS LEFT HAND TO GO TOWARDS THE BLADE. THE PATIENT LACERATED HIS LEFT THUMB. THE PATIENT WENT TO THE ER, WAS TREATED, & RELEASED.			
<b>7. Locations (Home, School, etc.)</b>	<b>8. City</b>	<b>9. State</b>	
1			
<b>10A. First Product</b>	<b>10B. Trade/Brand Name</b>	<b>10C. Model Number</b>	
841	UNKNOWN	UNKNOWN	
<b>10D. Manufacturer Name and Address</b>			
UNKNOWN			
<b>11A. Second Product</b>	<b>11B. Trade/Brand Name</b>	<b>11C. Model Number</b>	
<b>11D. Manufacturer Name and Address</b>			
<b>12A. Hispanic or Latino</b>	<b>12B. Race</b>	<b>12C. Race Source</b>	
N	4 ASIAN	1 – Respondent – Self/Family	
<b>13. Age of Victim</b>	<b>14. Sex (1=M, 2=F, 3=Unk)</b>	<b>15. Disposition</b>	<b>16. Injury Diagnosis</b>
37	1	1	59
<b>17. Body Part</b>	<b>18. Respondent(s)</b>	<b>19. Type of Investigation (1=Onsite, 2=Phone,3=Other)</b>	<b>20. Time Spent</b>
92	VICTIM	2	30 MINUTES
<b>21. Attachment(s)</b>	<b>22. Case Source</b>	<b>23. Reviewed By:</b>	<b>24. Date (Y M D)</b>
05 QUESTIONNAIRE	03	0422	141008
<b>23. Narrative (More detail may be included on separate pages)</b>			

**General Instructions:**

**Before contacting the respondent, please review the NEISS emergency-department information on the assignment cover sheet. The first 3 questions require you to enter some information before you begin the interview.**

**If the victim is age 17 or younger, interview the parent of the victim, or ask a parent to listen to the interview on an extension phone while you interview the victim. The respondent should be the victim if the victim was 18 years or older.**

**The boldface/blue text throughout the questionnaire are instructions for you as the interviewer, and should not be read to the respondent.**

**Do not read aloud the "Don't know/Refused" choice in any question. Only mark this if the respondent replies as such.**

**Pre-Interview Questions:**

**Q.1 Please enter the task number (tkno).**

140807HEP5761

**Q.2 Please select the product code on the NEISS record of the type of saw involved in the incident.**

**Product Codes:**

**0841=table or bench saw**

**0842=band saw**

**0843=radial arm saw**

**0845=saw, not specified**

**0895=power saw, other or not specified**

table or bench saw

**Q.3 Does the NEISS record indicate an injury to a finger or hand (body part codes: finger=92, hand=82)?**

Yes

**Introduction Questions**

Q.4 Hello. May I speak with \_\_\_\_\_?

**(Interviewer: Ask for the victim by name, or ask for a parent or guardian of the victim if less than 18 years).**

Person available

Q.5 I am \_\_\_\_\_. I am working with the U.S. Consumer Product Safety Commission. In cooperation with **(insert hospital name)**, we are doing a special study of table saw-related injuries. We are interested in learning more about these incidents, so we can find ways to help prevent similar injuries in the future. The information is confidential and for statistical purposes only. Our records indicate that you were recently treated for a saw-related injury. Will you help us by answering some questions regarding that injury?

Agree

Q.8 **Interviewer: Who is the respondent?**

Victim

Q.11 Are you of Hispanic, Latino, or Spanish origin?

**(Interviewer: If respondent hesitates or says "don't know", say the following: This include people from, or descended from, Asian, Mexico, Puerto Rico, Cuba, The Dominican Republic, or from Central or South America. Hispanics or Latinos may be of any race.**

No

Q.12 Which of the following race or races describes you?

**Select all that apply.**

Asian

The next set of questions pertains to the type of saw involved in the incident.

Q.15 Was the saw that was involved in the incident a manual or powered saw?

Powered

Q.17 Was the saw a handheld model?

No

Q.18 According to our record, the saw involved was a [ANSWER TO Q. 4]. Is this correct?

Yes

Q.21 There are different kinds of table saws. I am going to read you descriptions of the different types and ask you to identify which of the descriptions matches the saw that was involved in the injury.

A portable bench saw is a lightweight and compact saw with an aluminum tabletop. It weights as little as 40 pounds, and is easily carried around by one person. This saw is typically set on a bench top or other raised surface. Some models may include removable stands or foldable legs.

A contractor saw is a medium-duty, semi-portable table saw that ranges from 200 to 350 pounds. These saws usually feature a cast-iron table top and are always provided with a stand or base with wheels for moving the saw. Transportation of a contractor saw is typically handled by two people.

A cabinet saw is a large, non-portable heavy-duty saw that weights up to 800 pounds. The saw rests on the floor, has a large table top and has a closed cabinet stand that reaches to the floor. These saws are often used by serious woodworkers and in furniture shops. It is also sometimes referred to as an industrial table saw.

Was the table saw involved in the injury a portable bench saw, a contractor saw, or a cabinet saw?

**(Reread the definitions as necessary to ensure the respondent understands the question and choices.)**

portable bench saw



Q.23 There are two type of drives in table saws. I am going to describe the two types and ask you to identify the type of drive of the saw.

The blade of a direct drive table saw mounts directly to the output shaft of the motor, so the motor turns the blade directly.

The blade of an indirect drive table saw mounts to a shaft that is linked to the motor by a belt or gears, so the motor turns the blade indirectly.

Is the blade of the table saw driven directly or indirectly by the motor?

directly driven

Q.29 Do you know any information about the saw, such as manufacturer, model, or horsepower?

Yes, at least one known

Q.30 What is the name of the manufacturer of the saw?

**(Interviewer: Enter the manufacturer of the saw as given. Enter "DK" is the respondent does not know the manufacturer of the saw.)**

DK

Q.31 What is the model name and/or number of the saw?

**(Interviewer: Enter the model of the saw as given. Enter "DK" is the respondent does not know the model of the saw.)**

DK

Q.32 What is the horsepower of the saw?

**(Interviewer: Enter the horsepower of the saw as given. Enter "DK" is the respondent does not know the horsepower of the saw.)**

DK

Q.33 Does the saw belong to you?

Yes

Q.34 Was the saw new or used when you got it?

New

Q.35 About how much did you pay for the saw?

**(Interviewer: Enter "DK" if unknown.)**

\$250

Q.36 About how old is the saw?

**(Interviewer: Enter "DK" if unknown.)**

1 YEAR

The next set of questions is related to the injury that occurred.

Q.37 Please describe how the injury occurred and what the injuries were. That is, what happened just before, during, and after the injury?

PATIENT WAS USING A TABLE SAW TO RIP WOOD. THE PATIENT HAD A PUSH STICK IN HIS LEFT HAND & THE PUSH STICK SLIPPED & HIS HAND FELL TOWARDS THE BLADE & HE LACERATED HIS LEFT THUMB. PATIENT WENT TO THE ER.

The following questions may seem somewhat repetitive, but please bear with us as we try to capture information about the incident.

Q.38 Was the saw's motor running at the time of the injury?

**(Interviewer: Do not read the choices. Select the best one based on the respondent's answer.)**

Motor was running

Q.42 Were you or was someone else operating the saw at the time of the injury?

**(Interviewer: If the respondent indicates that the saw was not being operated at the time of the injury, select that option.)**

Victim was operating the saw

Q.45 Did the injury occur due to contact with the blade?

Yes

Q.46 Was your hand approaching the front of the blade or the back of the blade when the injury occurred?

the back of the blade

Q.48 Did your hand fall into the blade or was your hand pulled into the blade?

Fell into the blade

Q.49 Was a blade guard attached to the saw at the time of the injury?

Yes

Q.50 There are different types of blade guards. I am going to describe two types of blade guards, and ask which one best fits the one that was attached to your saw.

A traditional blade guard is a single-piece hood resting over the saw blade.

A modular blade guard system, also called a dual guard system, has two sections that operate independently on either side of the blade.

Was the blade guard used at the time of the injury a traditional blade guard or a modular blade guard?

Modular blade guard

Q.57 A thin, flat piece of metal is often located behind the saw blade to prevent the side of the cut piece from pinching the blade. If the metal piece raises and lowers with the saw blade, the device is called a riving knife. If the metal piece remains in the same place behind the blade, and is the mounting point for the blade guard, the device is called a spreader or a splitter.

Was a riving knife, spreader, splitter, or nothing like these used at the time of the injury?

Spreader assembly/Splitter

Q.58 Anti-kickback pawls are located behind the saw and are spring-loaded pieces of metal with sharp teeth. The teeth on the pawls are angled to dig into the work piece, if the piece starts to move back towards the operator. Were anti-kickback pawls attached to the saw at the time of the injury?

No

The following set of questions are related to what was being cut at the time of the injury.

Q.59 Which of the following best describes the material being cut at the time of the injury?

Wood

The object being cut will be referred to as the "stock" in the following questions.



Q.61 Were you cutting the length of the stock (ripping), cutting the width of the stock (cross cutting), cutting at an angle, or cutting the stock in some other way?

The length of the stock (ripping)

Q.63 Was the blade on the saw a crosscut blade, rip blade, combination blade, dado blade, or some other type of blade?

Rip blade

Q.65 Was the blade straight up and down or was it titled to the side for the cut?

Straight up and down

Q.66 What was the blade's height above the table?

**Interviewer: Record the height with the units provided by the respondent. Enter "DK" if (unknown.)**

1"

Q.67 Did the stock move unexpectedly, such as a kickback or jump?

**(Interviewer: Any unexpected stock movement is a "yes" response.)**

No

Q.68 Were you pushing, pulling, or holding the stock at the time of the injury?

Pushing

Q.70 Was a push stick, miter gauge, sled, or anything else being used for moving the stock through at the time of the injury?

**(Select all that apply.)**

Push stick

Q.71 Were you wearing eyeglasses, safety goggles, gloves, or any other special clothing at the time of the injury?

**(Select all that apply.)**

Safety goggles

Thank you for your time. This survey will be used to help prevent table saw injuries in the future.