# Kubota B2320 Series ROPS Cab

\*\* Shown with optional equipment



## **Kubota B2320 Series ROPS Cab**

This ROPS cab is designed and built to fit the Kubota B2320, B2620, and B2920.

**Designed and Built by:** 

**Tektite Manufacturing Inc:** 

**427 Buffalo Street** 

P.O. Box 639

Winkler, MB

**R6W 4A8** 

Canada

PH: 204-331-3463 Fax: 204-331-4159 sales@tektite.ca www.tektite.ca

One year standard product warranty provided by Tektite.



## DO NOT PROCEED FURTHER UNTIL YOU HAVE READ THE INFORMATION BELOW

- 1) Always wear personal protective equipment
- 2) A minimum of two people is necessary to safely install the cab
- 3) This ROPS cab is heavy. A lift assist device such as an overhead hoist or high lift forklift is required.
- 4) Ensure your work area is well ventilated. The installation requires the starting of the tractor which will produce dangerous carbon monoxide fumes.
- 5) Read through the entire installation manual first.
- 6) Follow the installation instructions in order.
- 7) Reading the operators manual prior to using the ROPS cab.

Tektite Manufacturing Incorporated thanks you for purchasing a Kubota B2320 series ROPS cab! Tektite has worked very hard to design and build this ROPS product and we hope that it provides you with many years of ROPS protection.

Tektite's ROPS products are designed to provide safe and dependable service during operation when they are properly maintained according to the instructions. Please read this installation manual carefully before installing and using this ROPS product.

The photos/illustrations provided in this manual may not provide all the detail needed, and are for reference only.

All directions provided are from the reference point of the tractor seat facing the steering wheel. All left and right references are from this view point.

For reference, please fill in the information below. This will assist your dealer in providing service for this ROPS. It is advisable that this information be provided to your insurance company as well in the event that the tractor is lost or damaged.

Vehicle Model:
ROPS Serial Number:
Date of Purchase:
Dealer Name:

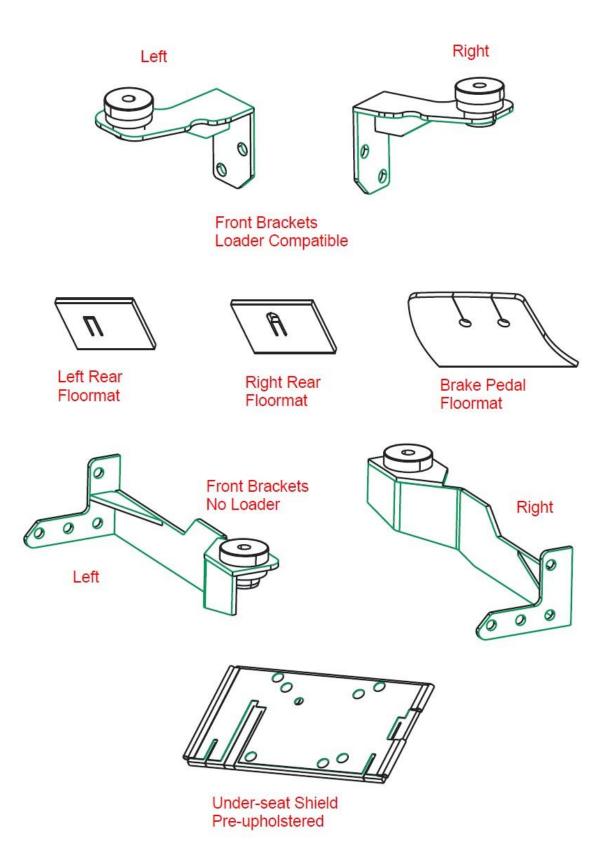
## Parts List Standard Cab:

Description	Qty
Bolt, Flange, 5/8" x 1 ½", Gr. 8, YD (Loader only)	4
Nut, Flange, 5/8", Gr. 8, YD (Loader only)	<mark>4</mark>
Front Brackets (Loader Configuration)	L&R
Bolt, Flange, 5/8" x 3", Gr. 8, Yellow	4
Nut, Flange, 5/8", Gr. 8, Yellow	4
Washer, Structural, ¼" Thick	4
Bolt, Flange, 5/16" x 3/4", YD	2
Nut, Flange, 5/16", YD	2
Under seat Shield (pre-upholstered)	1
Floormat, brake pedal	1
Floormat, left rear pedal	1
Floormat, right rear pedal	1
Push buttons, fasteners	8
Bolt, Hex, ½" x 4 ½", Gr. 8	2
Cab Lift Brackets	2
Wire Loop, 1/4"	2
Front Brackets (NO Loader)	<mark>L&amp;R</mark>
Bolt, Flange, M12 x 35, YD, Gr. 10.9 (NO Loader)	8

# Parts List Optional Components:

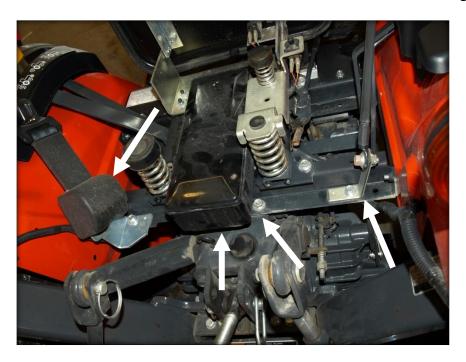
# <u>Heater</u>

Description	Qty
Heater By-pass Assembly	1
HS-6 hose clamps	4
Zip Ties, Standard	6



#### **Installation Instructions:**

- 1. Remove upper hoop of the two-post ROPS from machine. Take care during installation as there will be a lot of pressure on the entire assembly.
- 2. Mark the wires going to both seat switches first, and then disconnect the wiring harness from both switches.
- 3. Remove the seat from the seat track assembly tilt. Retain all fastening hardware.
- 4. Remove the seat track assembly completely from the tractor. Retain all fastening hardware.
- 5. Remove the toolbox as well as two bolts underneath toolbox. Retain all fastening hardware.



- 6. Un-bolt the left and right seat belt mounts. Retain hardware for re-installation after cab is installed. Remove the left side seat belt mechanism from the mount bracket.
- 7. Take the pre-upholstered under seat shield and roughly position it in the under seat area. Slide the wiring harness through hole in shield. Slide the upholstery slots around and through the levers in order to achieve a decent seal under the seat.





8. Fasten shield into place with factory hardware at the front first.

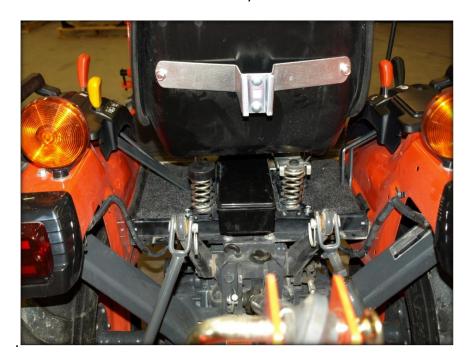


9. Re-install the seat track assembly. TIP: When installing M8 bolts, use a small nut (ie 10-24) as a spacer between the driver socket and the bolt to make installation easier and allow you to put more pressure down onto the bolt while installing it.





10. Re-install the seat onto the seat track assembly.



11. For tractors equipped with the LA304 front end loader, take the left front bracket and bolt to the outside of the loader mount plate shown with the provided 5/8" x 1 ½" hex bolts and flange nuts. Loosely fasten only. Repeat for right side.

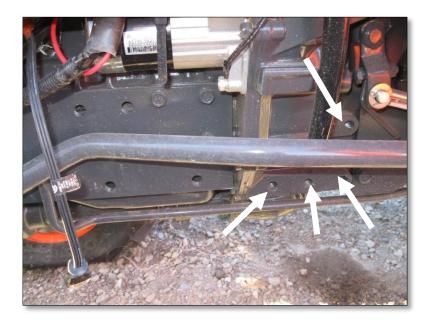




12. For tractors equipped with LA354 front end loader, take the left front bracket and bolt to the inside of the loader mount plate, as shown below with the provided 5/8" x 1 1/2" hex bolts and flange nuts provided. Loosely fasten only.



13. **For tractors equipped with no loader**, take the provided left mounting bracket and four of M12 x 35 flange bolts and bolt onto the tractor in the bolt pattern shown below:

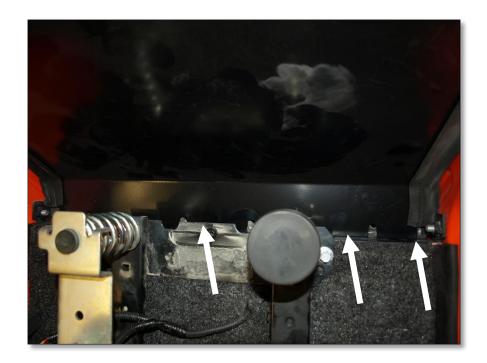


- 14. For tractors equipped with no loader, take the provided right mounting bracket and four of M12  $\times$  35 flange bolts and bolt onto the tractor in the bolt pattern on the right side of the tractor.
- 15. Return to the cab to install lift brackets next. To remove the gas shock on the left cab door, slide a flat screwdriver underneath the small clip on the end cap that must be pulled UP order to pop the shock off of the ball stud. **The shock will release very easily when this is accomplished.** Lift the door assembly straight up and off of the cab and put aside for now.



- 16. Take the provided cab lift brackets, along with the  $\frac{1}{2}$ " x 4  $\frac{1}{2}$ " hex bolts and fasten the lift bracket to the mount nut located at the top of the door behind the tab.
- 17. Use a lifting strap or chain, and connect the two lift brackets together. Prepare to lift the cab up off of the shipping pallet with an over-head hoist or forklift.
- 18. Un-bolt the rear shipping bracket and the front shipping mount. Lift cab straight up. Position the cab over the tractor and prepare to lower the cab down. The cab must come straight down onto the tractor. Tighten or loosen the clamp as necessary that is keeping the two post ROPS lower members together.
- 19. It is necessary to slide the rear shield of the cab over the rear crossmember of the tractor for proper sealing.



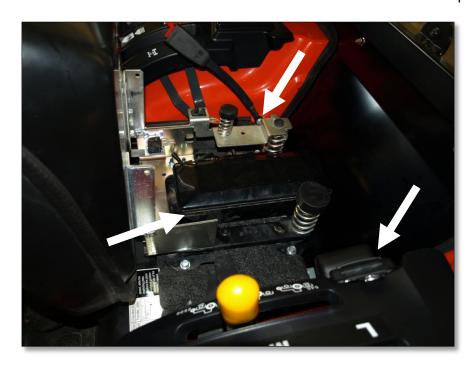


- 20. Lower the cab straight down onto the front mount pad on the front bracket. Use the provided 5/8" x 3" hex bolts, ¼" structural washer, and flange nut for the front isolator.
- 21. On the next photo, you can see which fastener is used for the rear mount location. Use the provided 5/8" x 3"hex bolt, ¼" structural washer, and flange nut in the orientation as shown.



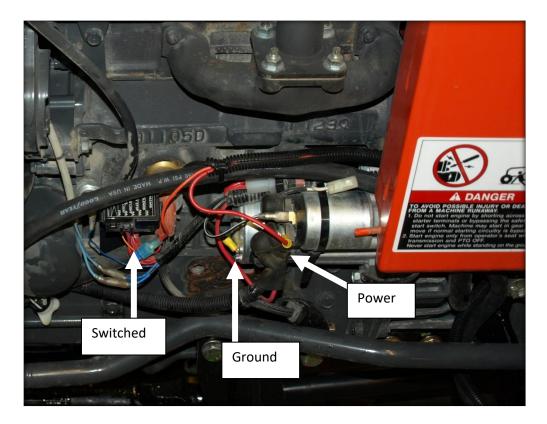
- 22. Ensure all fasteners have been started before any final torques are applied. For the 5/8" fasteners, you can apply 205 ft-lbs of torque.
- 23. Un-hook the lift brackets and carefully remove the lift straps or chain. Remove the lift brackets, store if cab will be removed in the future.

24. Re-install the outer seat belt mount plates with the fasteners passing through the cab shield as well. *TIP: When installing bolts, use a small nut (ie 10-24) as a spacer between the driver socket and the bolt to make installation easier and allow you to put more pressure down onto the bolt while installit it.* Re-install the seat belt retainer mechanism onto mount plate.



- 25. Re-install the centre two fasteners in the tractor crossmember removed earlier as well.
- 26. Re-install the under-seat toolbox removed earlier.
- 27. Route the electrical harness from the bottom of the left A-post of the cab into the engine bay. Connect the heavy red wire to the main 12v power terminal on the starter. Use the provided 1/4" loop, shorten wire if necessary, then solder connector to red wire. Connect the heavy black wire to the ground bolt on the starter. Use the provided 1/4" loop, shorten wire necessary, then solder connector to black wire. Connect the orange wire to a switched source on the tractor by soldering that wire directly in.





28. Take the left rear pedal diff lock floormat and slide through the diff lock pedal and underneath the factory floormat to cover the hole a little better.



29. Take the right rear pedal floormat and slide through the pedal and underneath the factory floormat to cover the hole a little better.





30. Take the brake pedals floormat and slide through the brake pedals. Use the provided push button fasteners. It will be necessary to drill ¼" holes through the floormat and floor sheetmetal.



31. To ensure a better seal between the cab and tractor, it is recommended that a black silicone seal be used between all weatherstrippings and tractor, and around floormat pieces.

If cab is equipped with a heater, proceed with the following steps.

- 32. Drain the engine antifreeze.
- 33. Locate the bypass hose on top of the engine and remove.





34. Take the provided heater bypass assembly and install onto two open ports on the bypass. The top port on the thermostat will be the pressure side. The lower port on the water pump will connect to the suction side of the heater assembly.



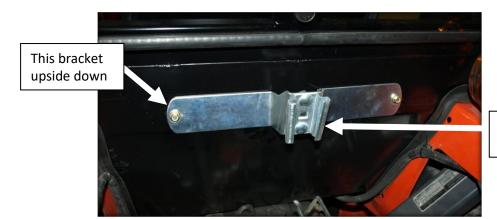
35. Locate the hoses at the bottom of the A-posts of the cab. Route the hose from the **right** A-post towards the port that is located at the thermostat housing. Ensure that the hose does not interfere with any moving parts. Cut the hose and then connect it to the fitting installed earlier. Use zip ties to tidy up the hose. Use the provided HS-6 hose clamps to secure the hose to the fitting. Route the other hose from the **left** A-post to the fitting located on the water pump

housing, ensuring that it does not interfere with any moving parts. Cut any excess length, and connect to the fitting with the provided HS-6 hose clamps.





- 36. Make sure all fitting connections are tight and the hoses are properly secured to the machine. Re-fill the engine antifreeze. Go to the cab, and turn the heater control switch to the maximum heat side. Start the engine and turn the cab fan to the highest speed setting. Take the radiator cap off of the engine and place a funnel into the radiator. Fill the funnel with antifreeze. The engine will need to run for a few minutes and the thermostat open a few times in order for all air to be purged from the heater system. The air at the cab louvers should be very hot when that occurs. NOTE: ensure adequate fresh air ventilation in the work space you are in, carbon monoxide from the engine exhaust is deadly.
- 37. Remove the SMV sign mount from the back of the seat.
- 38. Take the SMV sign bracket and unfasten the inner bracket from the main bracket. Rotate the inner bracket 180° and then re-attach to the large SMV bracket. Fasten to the two holes in the rear shield with the factory hardware. NOTE: Main outer bracket must be installed upside down compared to how it was installed onto the seat!



Rotate bracket 180° As shown here

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All directions provided are from the reference point of the tractor seat facing the steering wheel. All left and right references are from this view point.

For reference, please fill in the information below. This will assist your dealer in providing service for this ROPS. It is advisable that this information be provided to your insurance company as well in the event that the tractor is lost or damaged.

Vehicle Model:	 	
ROPS Serial Number:		
Date of Purchase:		
Dealer Name		

#### **Tektite Limited Warranty**

Tektite Manufacturing Inc. ("Tektite") warrants to the original purchaser (the "Claimant"), that Tektite products will be free from defective materials or workmanship, under normal use and service, for a period of (1) full year from the original invoice date. Tektite's liability under this Limited Warranty is limited to the repair or (at the discretion of Tektite) the replacement of those components of its products, which were manufactured by Tektite that are defective in materials or workmanship. Tektite shall have no liability under this Limited Warranty unless Tektite is notified of the defect during the stated Warranty Period.

Limitations and Exclusions: Tektite has no responsibility to a Claimant under this Limited Warranty or on any other basis for any of the following:

- a) defects caused, in whole or in part, by accident or misuse, negligence or failure to maintain the product or component;
- b) products or components sold to a customer on an "as is" basis;
- c) wiper blades, light bulbs, fuses, clear vinyl or other consumables;
- d) glass where the point of failure has not been preserved intact and delivered to Tektite for analysis of the cause of the failure;
- e) products or components which have been modified after shipping from Tektite to its customer;
- f) transportation charges for returned, repaired or replacement items;
- g) defects that are subject of a Tektite initiated recall where the Claimant fails to comply with the terms of the recall notice that comes to the attention of the Claimant;
- h) components of Tektite products that are manufactured by third parties (Tektite's only obligation in relation to such components shall be to accord to the Claimant the benefit of any transferable warranty accorded to Tektite by third party manufacturer);
- i) defects in workmanship or materials in products or components that are repaired or replaced by Tektite unless Tektite is notified of the new defect within the Warranty Period that applied to the original product or component that has been repaired or replaced;
- j) defects that result, in whole or in part, from inadequate engineering or specifications provided to Tektite by its customer;
- k) any actual or alleged deficiency in technical or engineering services or advice provided by Tektite to its customer whether provided for valuable consideration or otherwise;
- I) consequential damages, or any other damages whether foreseeable or not, resulting from the defect or any delay in remedying the defect;
- m) any breach or alleged breach of any implied warranty of merchantability or fitness for particular purpose of use;
- n) defects or part failure due to misuse or failure to follow recommended cab installation procedures; and
- o) travel expenses, including mileage.

This Limited Warranty expresses the entire obligation of Tektite, its officers, directors, agents and employees, to its customer or any Claimant in respect of any defect in workmanship, or materials of any product or component sold or manufactured by Tektite whether on grounds of breach of contract, negligence or other tortuous liability, breach of express or implied warranty or other basis in law of any jurisdiction.

Acceptance by a customer of delivery of products of Tektite constitutes acceptance of this Limited Warranty in lieu of all other warranties express or implied including without limitation all implied warranties of merchantability or fitness for particular purpose or use and constitutes acceptance by customer of the exclusions and limitations of the liability of Tektite set out above. Once received, the cab should have ALL exterior cardboard, Styrofoam wrapping removed for immediate inspection of product to ensure that no damages have occurred during transportation. Outer coverings should stay off the cab and the cab be stored indoors in a controlled environment. The warranty card must be completed and returned to Tektite.

Warranty claims should be reported to <a href="mailto:parts@tektite.ca">parts@tektite.ca</a>. A warranty claim form and instructions will be provided at this time. Warranty work not pre-authorized by Tektite may not be covered by this warranty agreement. Labor rate and time allowances are fixed by Tektite. Approved warranty claims will be issued in the form of credits applied to customer account.

## **Safety Precautions**

#### Safety First

Read these instructions carefully. It is essential that you read the instructions and safety regulations before you attempt to assemble or use the features that are on this cab/ROPS.

**Danger:** Indicates an immediate hazardous situation which, if not avoided, will result in death or serious injury.

**Warning:** Indicates a potentially hazardous situation which, if not avoided, may result in death or serious injury.

**Caution:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

**Important:** Indicates that cab or property damage may result if instructions are not carefully followed.

**NOTE:** All products are designed to give safe, dependable service if they are operated and maintained according to instructions. It is the owner's responsibility to be certain anyone operating this product reads this manual, and all other applicable manuals, to become familiar with this cab and all safety precautions. Failure to do so could result in serious personal injury or cab damage. If you have any questions, consult your dealer. Read and understand this manual before operation.

**NOTE:** A safe operator is the best assurance against accidents. All operators, no matter how experienced they may be, should read this operator manual and all other related manuals before attempting to operate features in this cab/ROPS and operate the base tractor. Please read the following section and pay particular attention to all safety recommendations contained in this manual and those labelled on the cab and on the tractor.

### **General Safety**

- 1. Never let an unqualified or untrained driver operate the tractor.
- 2. Keep a fire extinguisher, with ABC rating securely fastened in the ROPS. Maintain it and be familiar with its use.
- 3. Do not carry passengers.
- 4. Never operate the tractor in a closed building for a prolonged period. Ensure adequate ventilation is present, as engine exhaust fumes are poisonous and can kill.
- 5. Always keep sleeves, jackets or other loose clothing relatively tight and belted. Loose clothing may catch on moving parts and result in severe personal injury or death.
- 6. Provide a first-aid kit, securely attached inside of the ROPS for use in case of accident.
- 7. Never jump from the tractor. There is a danger of tripping or falling on protruding parts.
- 8. Use steps and hand holds when mounting and dismounting the tractor, or for servicing components too high to reach from the ground.
- 9. When seated in the ROPS, fasten seat belt before starting the engine. A proper seat belt must be worn at all times when using a ROPS.
- 10. Safety devices and shields are intended to protect operators from injury or death. Under no circumstances should they be modified, disabled or removed.

### **Operating Safety**

- 1. Always operate the tractor controls while sitting in the operator's seat.
- 2. Lock seat in position and buckle seat belt before operating the tractor.
- 3. Avoid abrupt sharp turns at high speeds.
- 4. On sloped terrain, do not make sharp turns as machine stability could be compromised.
- 5. Operate the tractor smoothly, avoid abrupt starts and stops.
- 6. Keep all shields in place when operating the tractor.
- 7. Do not operate the tractor when you are tired, sick, or impaired.
- 8. Never operate the tractor in confined areas; visibility next to the tractor is reduced. Injury to bystanders or damage to the ROPS or equipment may result.

#### Safety

Carefully review the procedures given in this manual and the tractor operator's manual with all operators annually. It is important that all operators become familiar with, and follow safety precautions. Operating instructions must be given to everyone using the tractor before operation and at least once yearly thereafter in compliance with OSHA Regulations 1928.57 (United States).

#### **Safe Operation on Rough Terrain**

- 1. Drive the tractor slowly on hillsides and curves to eliminate the danger of tipping. Avoid slopes which are too steep for safe operation. Avoid sharp uphill turns.
- 2. Always drive slowly enough over rough ground or obstructions. Drive at speeds slows enough to ensure your safety.
- 3. When driving out of a ditch, gully, or up a steep hillside, engage the clutch slowly. Avoid sharp uphill turns.
- 4. When descending steep grades, select a sufficiently low gear to maintain control with minimum use of braking.
- 5. Use caution when driving near the edge of a ditch or gully. It may cave in, causing the tractor to roll over.
- 6. Be alert when operating near trees, slopes and around obstructions. Tree branches can cause damage to ROPS components.

### **Maintenance Safety**

- 1. Remove mud, crop residue, chains, and tools from steps and operator's platform. They may interfere with pedal operation or entry/exit from tractor.
- 2. When servicing components are too high to reach from the ground use steps and handholds. Do not use fenders or shields that are not designed as steps.

#### **Safe Highway Operation**

- 1. Before operating the tractor on, or near, public roadways check with your local authorities for any local regulations that will affect you.
- 2. Equip towed implements with slow moving vehicle (SMV) signs when traveling on public roads.
- 3. Install additional lights on implement rear to safeguard against rear end collisions.
- 4. Use hazard warning flashers as required by law when transporting or driving on public roads. If the tractor had warning flashers removed when mounting the ROPS, they must be replaced prior to operation on public roads.
- 5. Keep to the right, yielding right-of-way traffic, especially if pulling implements. Pull off the road and stop to allow motorists to pass. Drive on the road shoulder, if permitted by law.
- 6. Use extreme caution when pulling heavy loads at road speeds. Avoid hard application of the tractor brakes at high speed.
- 7. Always drive slowly near curbs, approaches or ditches.
- 8. If equipped, ensure headlights are aligned so they will not blind the operators of oncoming vehicles. If the tractor is not equipped with turn signals and law requires them, install them prior to operating on or near public roads.

9. Use your turn signals, checking for traffic well in advance of turning. If the tractor is not equipped with turn signals and law requires them, install them prior to operating on or near public roads.

#### **Safety Decals**

- 1. Keep decals clean. Remove dirt with a wet clean cloth when necessary.
- 2. Replace safety decals if destroyed, missing, painted over or unreadable. If any safety decals are covered or obscured when the ROPS is mounted, it is recommended that you purchase replacement decals from the tractor manufacturer. Mount them in a readable location at, or near, their original location before operating the tractor.
- 3. New ROPS decals and tractor decals are available from your tractor dealer.

### **ROPS Safety**

- 1. Install the ROPS in accordance with Tektite mounting instructions. Failure to do so may affect the ROPS ability to withstand a roll over.
- 2. If the ROPS is subjected to alteration, structural damage or involved in an over turn accident, the entire structure must be replaced. Failure to do so may result in injury or death in the event of a roll over.
- 3. If the tractor in not equipped with seat belts, purchase approved seat belts from the tractor manufacturer or Tektite prior to operating the tractor.
- 4. Always fasten seat belts prior to operating the tractor.
- 5. Always operate the tractor from the operator's seat.
- 6. Remove mud, crop residue, chains and tools from steps and operator's platform. They may interfere with pedal operation or entry/exit from the tractor.
- 7. Remove all loose chains, tools, and equipment from the operator's platform. Failure to do so may cause injury or death in the event of a roll over.
- 8. Do not install the ROPS on a tractor model that the ROPS is not designated for (compatible tractor designations are printed on the ROPS serial number plate). The ROPS is designed specifically for individual models to ensure ROPS requirements will be met. Installing the ROPS on a non designated tractor may result in injury or death.

#### **Emergency Exits**

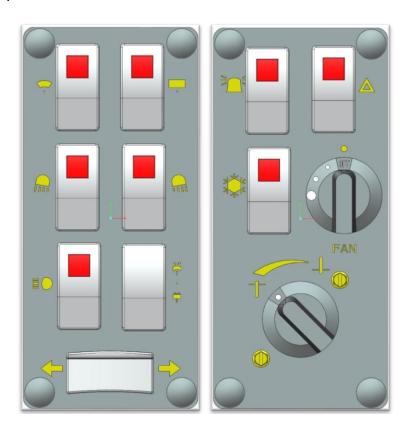
This ROPS cab has 2 exits, which may be used in an emergency: left and right doors.

#### **Operating Instructions**

#### **Important**

The following section locates, identifies and briefly describes the functions of all cab controls. All operators should familiarize themselves with control location and function prior to operating the tractor. Failure to do so may result in unsafe operation of the tractor and possible injury or death to operators and bystanders.

There are two switch plates located in the headliner. The following switches are available and their functionality is described.



#### **Left Switch Plate**

### 1. Front Wiper Rocker Switch (standard)

Low position: Off High position: On

Note: indicator light activates when wiper is on.

### 2. Rear Wiper Rocker Switch (optional)

Low position: Off

High position: On

Note: indicator light activates when wiper is on.

### 3. Front Work Light Rocker Switch (optional)

Low position: Off High position: On

Note: indicator light activates when work lights are on.

### 4. Rear Work Light Rocker Switch (optional)

Low position: Off High position: On

Note: indicator light activates when work light is on.

### 5. Head Lights Rocker Switch (optional)

Low position: Off High position: On

Note: indicator light activates when head lights are on.

#### 6. Front and Rear Washer Rocker Switch (optional)

Low position: Momentary – On Rear Washer

Middle position: Off

High position: Momentary - On Front Washer

#### 7. Turn Signal Rocker Switch (optional)

Left position: On Middle position: Off Right position: On

### **Right Switch Plate**

#### 1. Beacon Rocker Switch (standard)

Low position: Off High position: On

Note: indicator light activates when beacon is on.

### 2. Hazard Rocker Switch (optional)

Low position: Off High position: On

Note: indicator light activates when 4-way flashers are on.

#### 3. Air Conditioner Rocker Switch (optional)

Low position: Off High position: On

Note: indicator light activates when air conditioner is on.

#### 4. Fan Rotary Switch (optional)

Indicator mark above switch indicates whether fan is operational or not.

#### 5. Temperature Control Rotary Switch (optional)

Indicator mark at lower left corner indicates current temperature setting. Rotate to increase heat output or to decrease heat output of heating system. When air conditioner is being used, it is recommended that the switch be at maximum cooling position.

#### **Cab Circuit Protection**

The Tektite ROPS cab is wired to provide maximum protection against accidental battery rundown and circuit overload. A relay in the cab is ignition activated and prevents the operator from accidentally leaving fan motors, lights on after turning the tractor off and leaving for the day. A circuit breaker is provided to prevent the cab electrical components from drawing more power than they should be able to from a dead short. The cab electrical components are also fused individually, and the fuse block is located in the headliner, directly above the door opening on the left side. Locate the 3" snap cap, and with a small flat screw driver you can remove the cap to examine the fuses provided. A decal on the fuse block indicates which fuse is for which electrical option.

### After your ROPS Cab has been installed:

Before starting a tractor equipped with a Tektite ROPS cab:

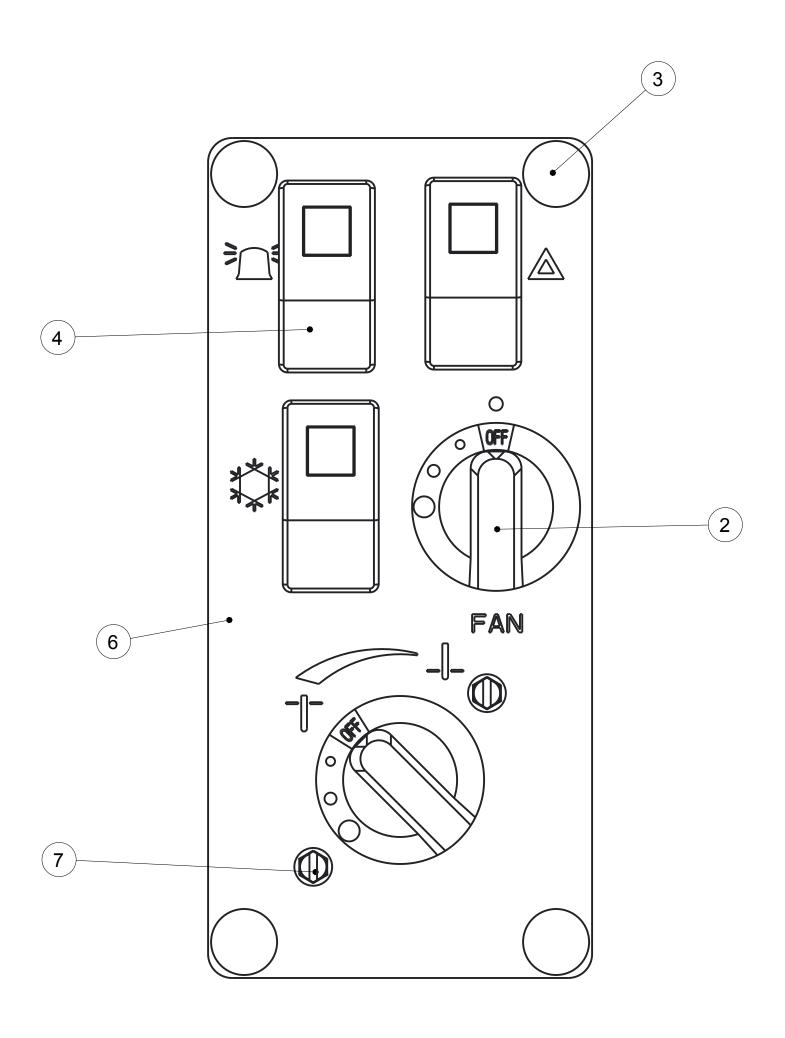
- 1. Clear the operator platform of all tools. Tools left in or around the ROPS and tractor can cause operator interference which could lead to bodily injury and/or damage the machine.
- 2. Inspect the ROPS and tractor to ensure all bolts are tight and re-tighten if required.
- 3. Ensure that all pedals, levers, and controls have adequate clearance for normal operation.
- 4. Ensure that all electrical components of both the ROPS and tractor operate normally.
- 5. Ensure your door latches properly onto the striker pin. Immediately after installation, the ROPS frame may flex slightly from installation, and the door latch will need to be re-aligned for proper operation. Loosen the striker pin, striker mounting plate and door latch as necessary to get a proper alignment of the door striker.

#### Service Parts Breakdowns:

Following are parts breakdowns for components that may require service parts replacement during the life of the ROPS. If you require replacement parts, please contact the dealer that you purchased the ROPS from and indicate which parts you require.

Index	Service Part #	File Name	Description	Qty
1	A00-0007	FAN-SWITCH	4-Position Fan Switch	1
2	A00-0054	TEKT-0018	Fan Speed Control Knob	2
3	A00-0055	TEKT-0019	Fir Tree Fastener	4
4	A00-0065	TEKT-ASM-005	On-Off Switch w/Lens	3
5	A00-0252	TEKT-0117	Water Valve Directly on Switch	1
6	A00-0253	TEKT-0119	Right Switchplate Decal, 2014 Update	1
7	A00-0282	SCREW-3-16X3-4	Screw, Self-Tap, 3/16" x 3/4"	2
8	A00-0283	TEKT-0118	Right Switchplate, 2014 Redesign	1





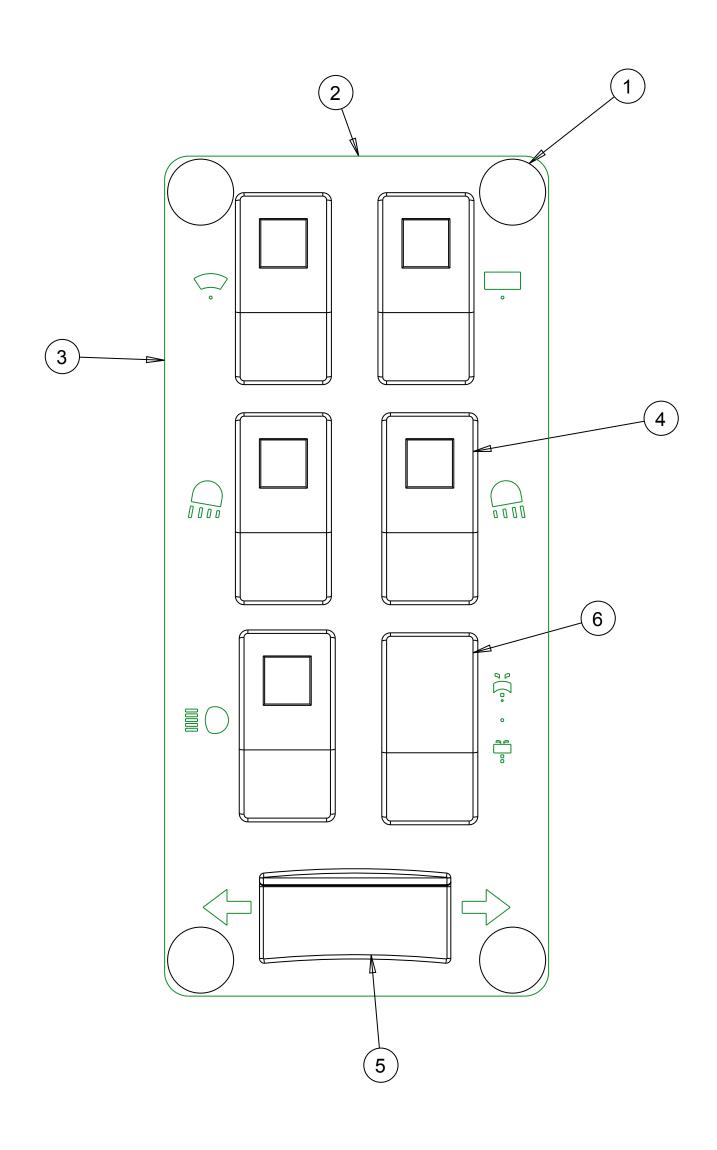
# SCALE 1.000

Tolerances: Unless otherwise specified
$X.X = \pm 1/16$ " Angular = $\pm 1.0^{\circ}$

					<b>Tektite Manufacturing Inc.</b> 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada
	Req'd:	CNC:	Description:		
_			New	Valve D	esign Switch Plate, 2014
	Drawn By:	Date:	Units:	File Name:	
	Daryl Furkalo	2014-02-05	Imp.	TEKT-AS/	M-030
	Checked By:	Date:	Size:		
			В		

Index	Service Part #	File Name	Description	Qty
1	A00-0055	TEKT-0019	Fir Tree Fastener	4
2	A00-0063	LEFT-CAB-SWITCHPLATE	Left Switchplate	1
3	A00-0064	LEFT-CAB-SWITCHPLATE-DECAL	Left Switchplate Decal	1
4	A00-0065	TEKT-ASM-005	On-Off Switch w/Lens	5
5	A00-0066	TEKT-ASM-006	On-Off-On Rocker No Lens	1
6	A00-0067	TEKT-ASM-007	Mom-Off-Mom Rocker Switch	1





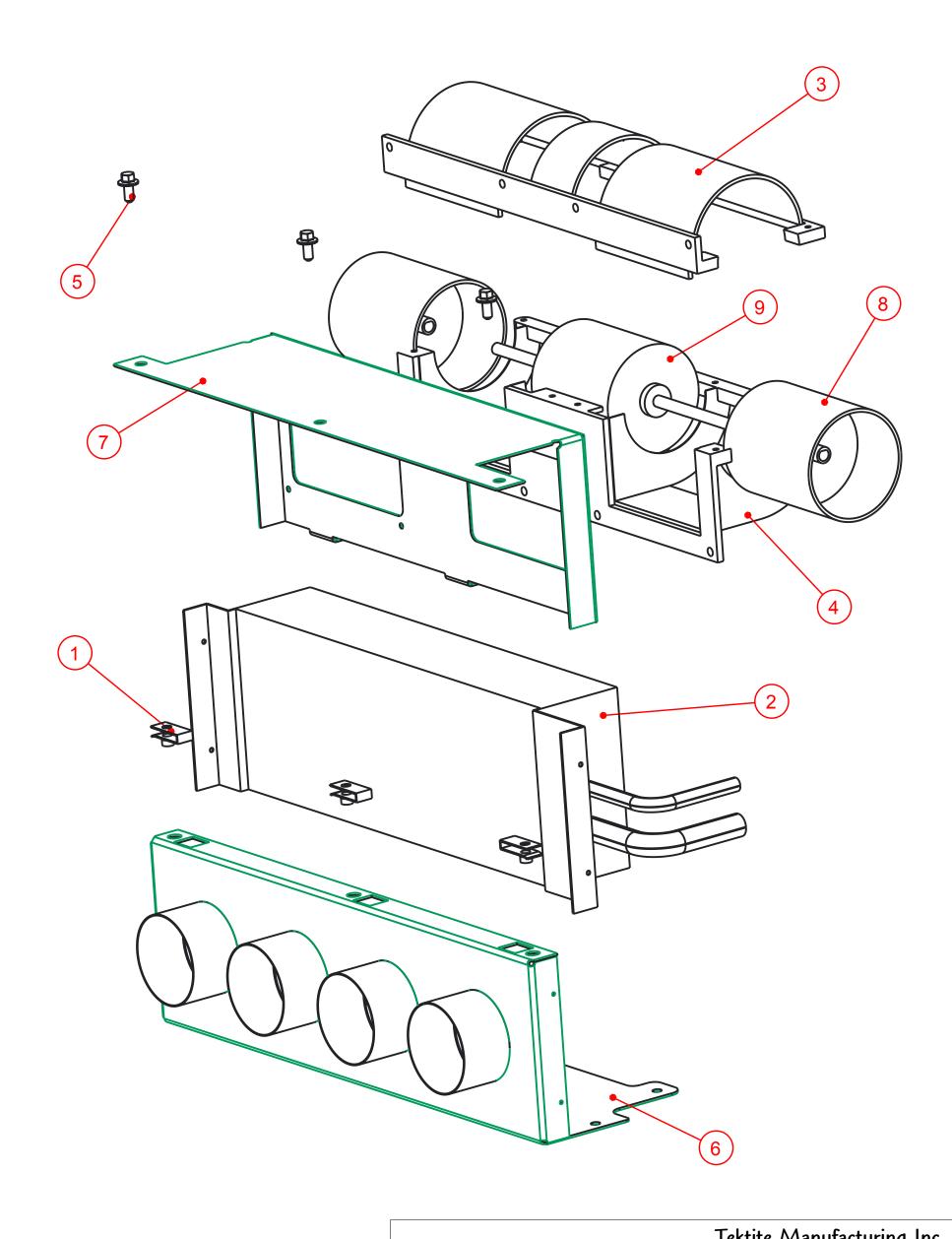
# SCALE 1.000

Toleranc Unless otherw specified	es: ise
X.X = ± 1/16	"
Angular = ±	1.0°

			-	Tektite Manufacturing Inc. 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada	
Req'd:	CNC:	Description:	·		
_		Opera	Operator Manual Switch Plate Left		
Drawn By:	Date:	Units:			
Daryl Furkalo	2009-03-09	Imp.	p. LEFT-SWITCHPLATE-ASM		
Checked By:	Date:	Size:			
		В			

Index	Service Part #	File Name	Description	Qty
1	A00-0076	TEKT-0026	1/4" Panel Nut	3
2	A00-0089	TEKT-0059	Heater Core	1
3	A00-0090	TEKT-0065	Upper Blower Housing	1
4	A00-0091	TEKT-0066	Blower Housing Lower	1
5	A00-0100	FLANGE_BOLT_1-4X1-2	Flange Bolt, 1/4" x 1/2", YD	3
6	A00-0157	TEKT-ASM-015	Bottom Heater Shroud Weldment	1
7	A00-0158	TEKT-ASM-014	Top Heater Shroud Weldment	1
8	A00-0159	TEKT-0067	Rotary Squirrel Cage	2
9	A00-0162	TEKT-0081	Fan Motor	1



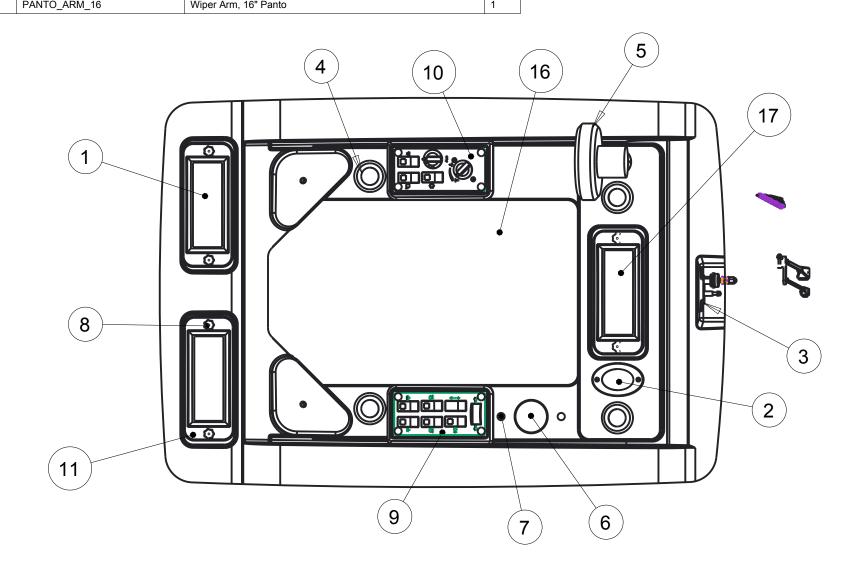


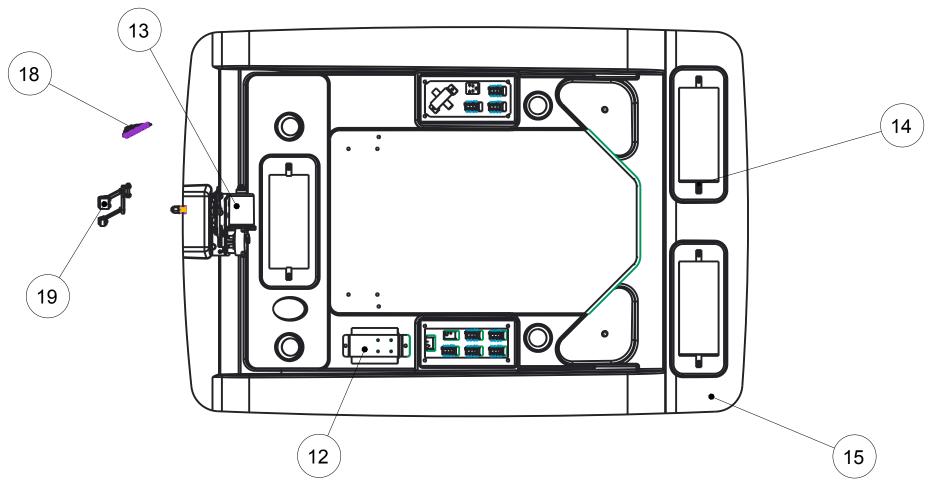
Tolerances: Unless otherwise specified
$X.X = \pm 1/16$ " Angular = $\pm 1.0^{\circ}$

			1 ektite /Manufacturing Inc. 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada
Req'd:	CNC:	Description:	
-		Tekti	tite In-House Heater Assembly
Drawn By:	Date:		File Name:
Daryl Furkalo	2014-09-17	Imp.	TEKT-ASM-016_OP
Checked By:	Date:	Size:	
		В	

Index	Service Part #	File Name	Description	Qty
1	A00-0006	TEKT-0074	Cabin Air Filter	2
2	A00-0016	TEKT-0075	Domelight LED	1
3	A00-0017	305-1002	Panto Mount Plate	1
4	A00-0025	BALL-LOUVER	2 1/2" Ball Louver	4
5	A00-0026	OSCILLATING-FAN	Oscillating Fan	1
6	A00-0038	TEKT-0076	3" Plug	1
7	A00-0055	TEKT-0019	Fir Tree Fastener	2
8	A00-0070	REID-KBP-262-KBP-265	Knob, Knurled, 1/4"	6
9	A00-0071	LEFT-SWITCHPLATE-ASM	Left Switchplate Assembly	1
10	A00-0072	TEKT-ASM-030	Right Switchplate Assembly, 2014 Update	1
11	A00-0073	FILTER-COVER	Filter Cover	3
12	A00-0074	TEKT-ASM-004	Fuse Block Assembly	1
13	A00-0075	WWJ-MOTOR-ASM	Front Wiper Motor, WWJ	1
14	A00-0076	TEKT-0026	1/4" Panel Nut	6
15	A00-0081	KUF2880-HEADLINER-REV1	Headliner	1
16	A00-0082	KUF2880-049	Headliner Upholstery	1
17	A00-0083	KUF2880-060	Front Filter Upholstery	1
18	A00-0127	BLADE_16	Wiper Blade, 16"	1
19	A00-0261	PANTO_ARM_16	Wiper Arm, 16" Panto	1







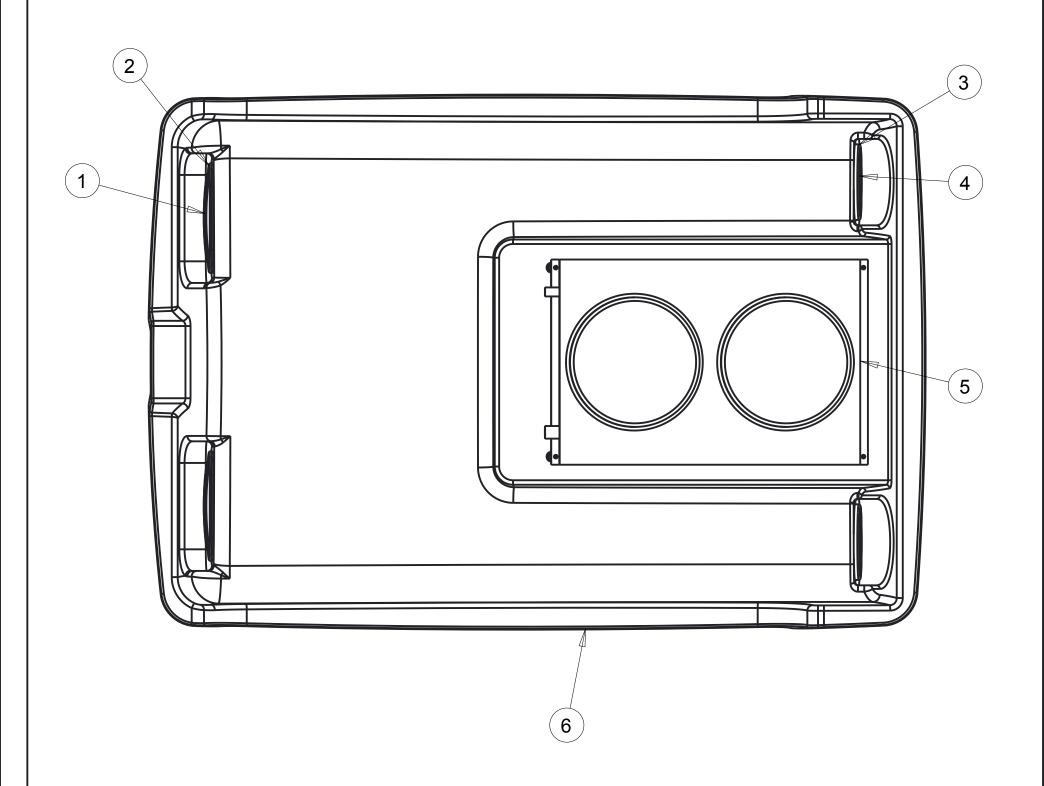
## Notice of Confidentiality

Tolerances: Unless otherwise specified
$X.X = \pm 1/16$ " Angular = $\pm 1.0^{\circ}$

	<b>Tektite Manufacturing Inc.</b> 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada					
Req'd:	CNC:	Description:	·			
-		Head	dliner As	ssembly, Compacts (16-16)		
Drawn By:	Date:	Units:	File Name:			
Daryl Furkalo	2014-01-02	Imp.	Imp. TEKT-ASM-034			
Checked By:	Date:	Size:				
		В				

Index	Service Part #	File Name	Description	Qty
1	A00-0008	TEKT-0077	Front Turn Signal Light LED, Amber	2
2	A00-0009	TEKT-0079	Oval LED Light Grommet	2
3	A00-0010	TEKT-0078	Round Grommet, LED Light	2
4	A00-0011	TEKT-0080	Round Turn Light	2
5	A00-0078	RED-DOT-CONDENSOR	Red Dot Condensor 77R1602	1
6	K04-0001	KUF2880-ROOF	Roof	1



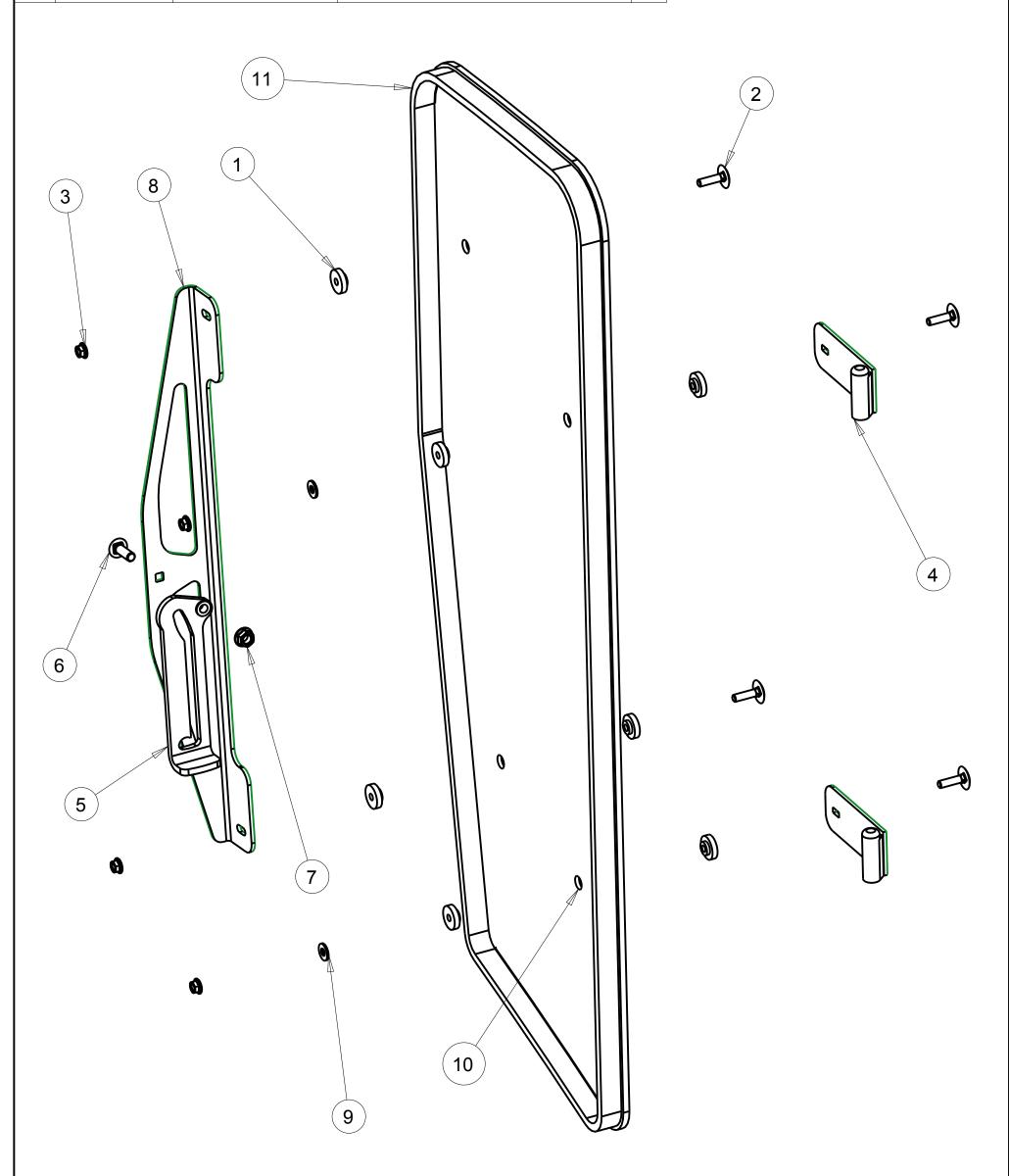


Tolerances: Unless otherwise specified
$X.X = \pm 1/16$ " Angular = $\pm 1.0^{\circ}$

				<b>Tektite Manufacturing Inc.</b> 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada	
Req'd:	CNC:	Description:			
1		Roof	Roof Assembly		
Drawn By:	Date:		File Name:		
Daryl Furkalo	2013-02-01	Imp.	KUF2880-ROOF-ASM		
Checked By:	Date:	Size:			
		B			

Index	Service Part #	File Name	Description	Qty
1	A00-0013	TEKT-0009	5MM Bushing	8
2	A00-0019	STEP-BOLT1-4X1	Step Bolt, 1/4" x 1", MB	4
3	A00-0021	FLANGE-NUT-1-4	Flange Nut, 1/4", YD	4
4	A00-0046	TEKT-ASM-002R	Side Window Hinge Right	2
5	A00-0056	TEKT-0020	Side Window Latch, L60775	1
6	A00-0058	CARRIAGE_BOLT-5-16X1	Bolt, Carriage, 5/16"x 1", YD	1
7	A00-0059	FLANGE-NUT-5-16	Flange Nut, 5/16", YD	1
8	A00-0087	TEKT-0028	Side Window Slider Bracket	1
9	A00-0119	WASHER_1-4	Washer, Flat, 1/4"	2
10	K04-0003	KUB2320-024	Side Window Glass	1
11	K04-0008	KUB2320-050	Side Window Seal	1



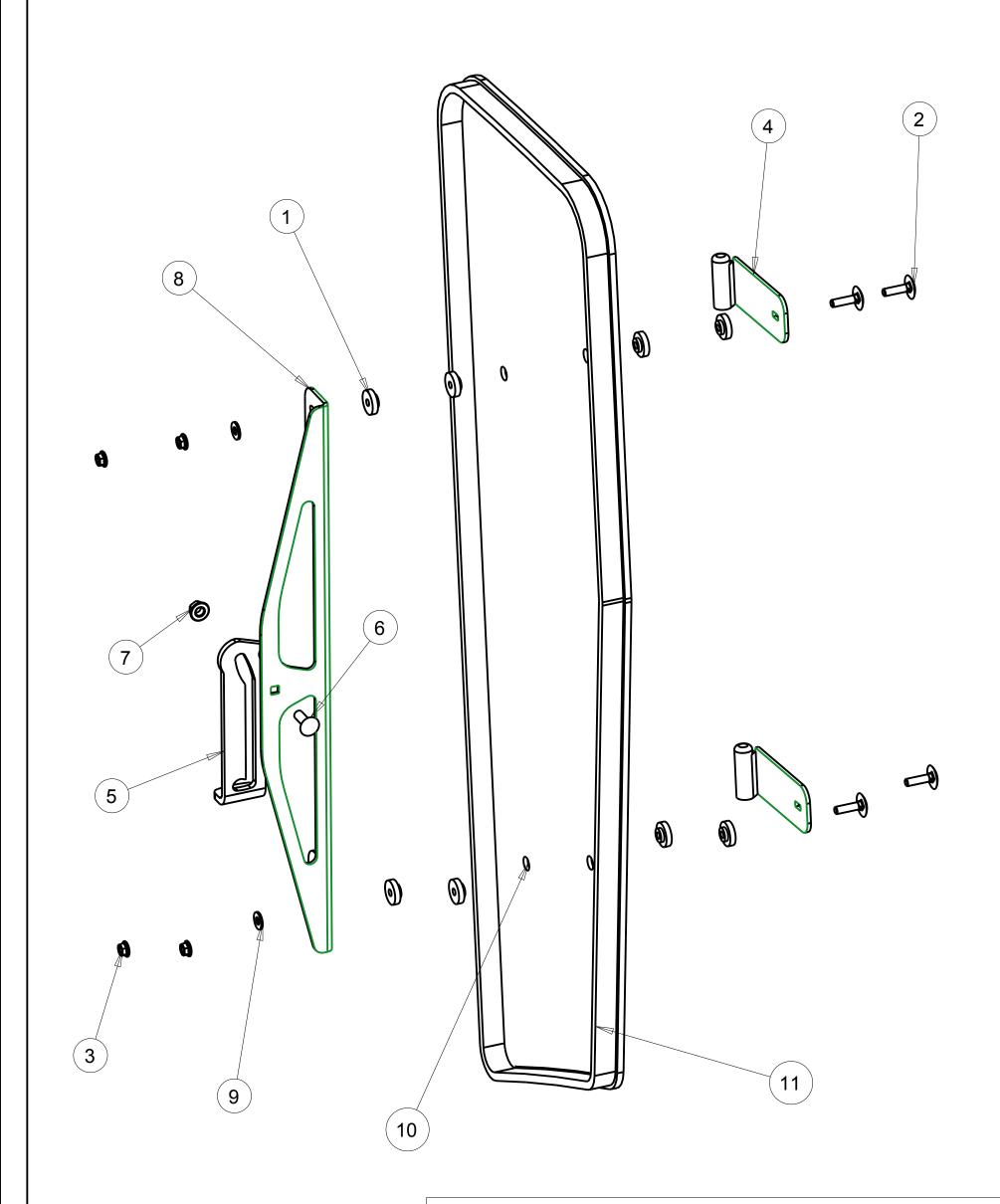


Tolerances: Unless otherwise
Unless otherwise specified
$X.X = \pm 1/16$ " Angular = $\pm 1.0^{\circ}$

				Tektite Manufacturing Inc. 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada
Req'd:	CNC:	Description:		
-		Left	Side Wir	ndow Assembly
Drawn By:	Date:	Units:	File Name:	
Daryl Furkalo	2011-12-03	Imp.	KUB2320	D-ASM-O4_OP
Checked By:	Date:	Size:		
		В		

Index	Service Part #	File Name	Description	Qty
1	A00-0013	TEKT-0009	5MM Bushing	8
2	A00-0019	STEP-BOLT1-4X1	Step Bolt, 1/4" x 1", MB	4
3	A00-0021	FLANGE-NUT-1-4	Flange Nut, 1/4", YD	4
4	A00-0044	TEKT-ASM-002	Side Window Hinge Weldment	2
5	A00-0057	TEKT-0020MIR	Side Window Latch, L60776	1
6	A00-0058	CARRIAGE_BOLT-5-16X1	Bolt, Carriage, 5/16"x 1", YD	1
7	A00-0059	FLANGE-NUT-5-16	Flange Nut, 5/16", YD	1
8	A00-0087	TEKT-0028	Side Window Slider Bracket	1
9	A00-0119	WASHER_1-4	Washer, Flat, 1/4"	2
10	K04-0003	KUB2320-024	Side Window Glass	1
11	K04-0008	KUB2320-050R	Side Window Seal	1



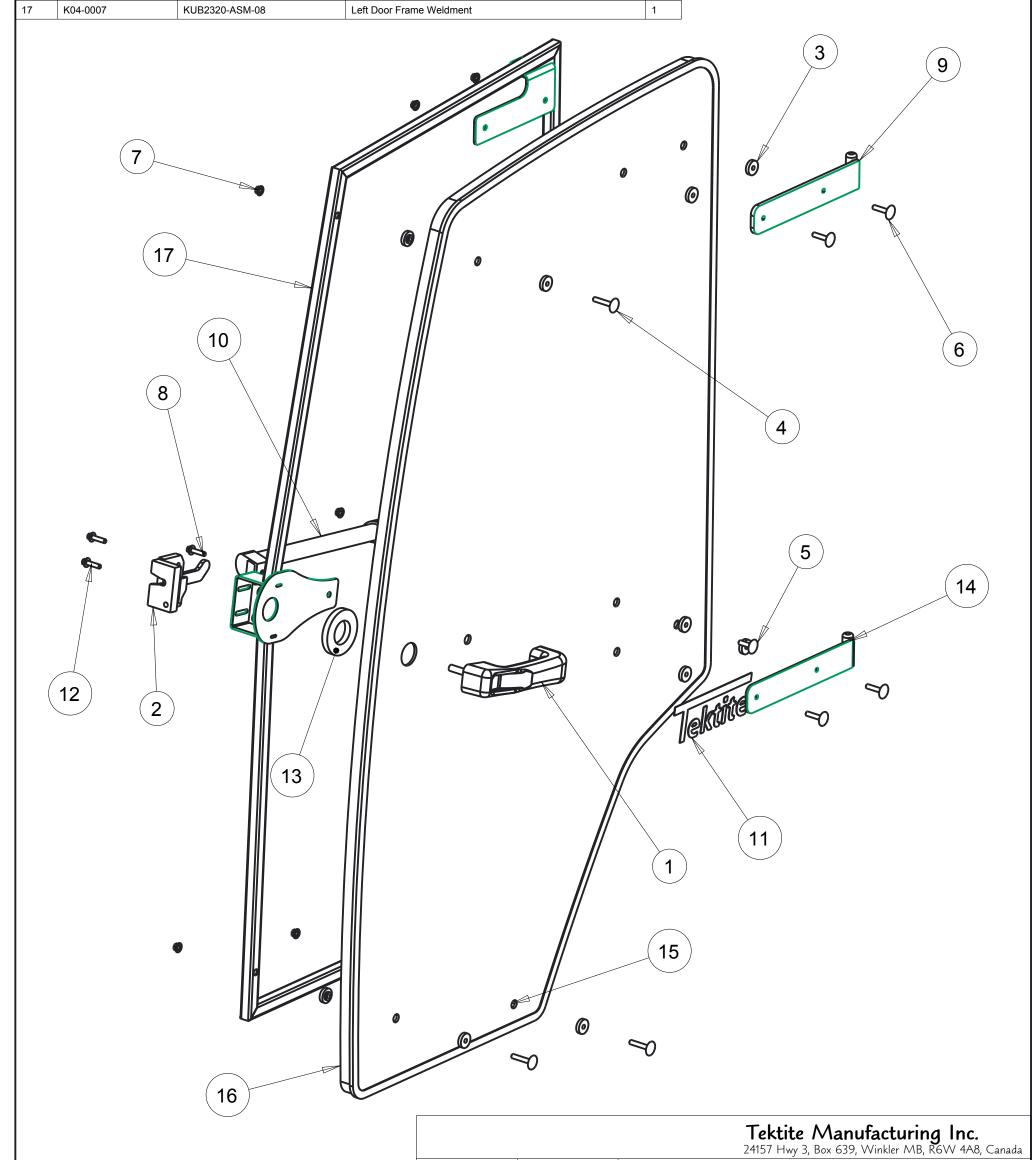


Tolerance Unless otherwis specified	es: se
$X.X = \pm 1/16$ " Angular = $\pm$	1.0 °

				<b>Tektite Manufacturing Inc.</b> 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada
Req'd:	CNC:	Description:		
1		Righ	t Side W	/indow Assembly
Drawn By:	Date:	Units:	File Name:	
Daryl Furkalo	2011-12-03	Imp.	KUB2320	o-ASM-04R_OP
Checked By:	Date:	Size:		
		В		

Index	Service Part #	File Name	Description	Qty
1	A00-0001	DLP-HANDLE	Outside Push Button Handle	1
2	A00-0002	LEFT-LATCH	Suicide Door Left Latch	1
3	A00-0013	TEKT-0009	5MM Bushing	17
4	A00-0018	STEP-BOLT1-4X1-1-2	Step Bolt, 1/4" x 1 1/2", MB	3
5	A00-0019	STEP-BOLT1-4X1	Step Bolt, 1/4" x 1", MB	1
6	A00-0020	STEP-BOLT1-4X1-1-4	Step Bolt, 1/4" x 1 1/4", MB	4
7	A00-0021	FLANGE-NUT-1-4	Flange Nut, 1/4", YD	10
8	A00-0022	FLANGE_BOLT_M6X25	Flange Bolt, M6x25, YD	1
9	A00-0039	TEKT-ASM-001	Left Door Hinge Weldment, Upper	1
10	A00-0040	REID-RST-160-RST-163	Grab Handle	1
11	A00-0041	TEKTITE-DECAL	Tektite Cab Decal - Solid White	1
12	A00-0118	FLANGE_BOLT_1-4X1	Flange Bolt, 1/4" x 1", YD	2
13	A00-0177	TEKT-0068	Handle Washer Spacer	1
14	A00-0228	TEKT-ASM-029	Left Door Hinge Weldment, Lower	1
15	K04-0002	KUB2320-014	Door Glass	1
16	K04-0006	KUB2320-049	Door Weatherstripping	1





Req'd:

Drawn By:

Checked By:

Daryl Furkalo

Tolerances:

Unless otherwise

 $X.X = \pm 1/16$ " Angular =  $\pm 1.0^{\circ}$ 

specified

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CNC:

Date:

2014-04-02

Description:

В

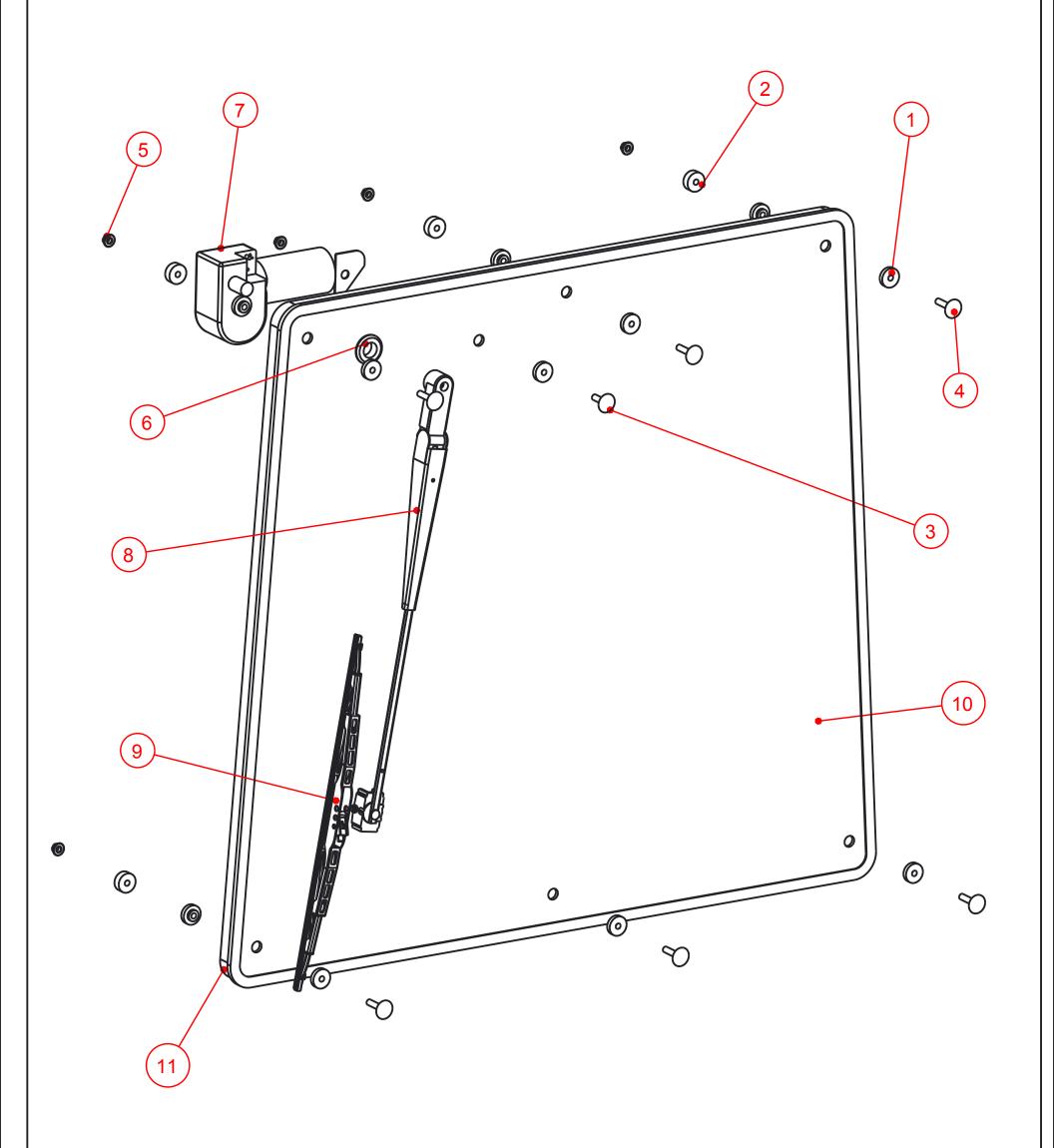
Left Door Assembly

Imp. KUB2320-ASM-07\_OP

	T	T	T		1 - 1	
Index	<del>                                     </del>	File Name	Description		Qty	
1	A00-0001	DLP-HANDLE	Outside Push Button Handle		1	$\mathcal{T}$
2	A00-0003	RIGHT-LATCH	Suicide Door Right Latch		1	
3	A00-0013	TEKT-0009	5MM Bushing		17	
4	A00-0018	STEP-BOLT1-4X1-1-2	Step Bolt, 1/4" x 1 1/2", MB		3	
5	A00-0019	STEP-BOLT1-4X1	Step Bolt, 1/4" x 1", MB		1	
6	A00-0020	STEP-BOLT1-4X1-1-4	Step Bolt, 1/4" x 1 1/4", MB		4	
7	A00-0021	FLANGE-NUT-1-4	Flange Nut, 1/4", YD		10	
8	A00-0022	FLANGE_BOLT_M6X25	Flange Bolt, M6x25, YD		1	
9	A00-0040	REID-RST-160-RST-163	Grab Handle		1	
10	A00-0041	TEKTITE-DECAL	Tektite Cab Decal - Solid White		1	
11	A00-0042	TEKT-ASM-001R	Right Cab Door Hinge Weldment, Up	pper	1	
12	A00-0118	FLANGE_BOLT_1-4X1	Flange Bolt, 1/4" x 1", YD		2	
13	A00-0177	TEKT-0068	Handle Washer Spacer		1	
14	A00-0229	TEKT-ASM-029R	Right Door Hinge Weldment, Lower		1	
15	K04-0002	KUB2320-014	Door Glass		1	
16	K04-0006	KUB2320-049R	Door Weatherstripping		1	
17	K04-0011	KUB2320-ASM-08R	Right Door Frame Weldment		1	
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		10	1			13
		4				
		V			■	Tektite Manufacturing Inc
						Tektite Manufacturing Inc. 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada
	Notice of Confi	identiality	Req'd:		escription:	
This ma	aterial is property of Tektite Manufac	turing	rances:			Door Assembly
purpose	is not to be used by the recipient for e other than the purpose for which it	was Unless	otherwise Drawn By.	Date: Ur 2014-04-02	nits: File N	uame: UB2320-ASM-07R_OP
Tektite	tted. The material remains the proper and shall be returned upon request. I may not be reproduced or disclose:	The specime	Chacked By:		ze:	0023207.3111.011_01
	I may not be reproduced or disclose without the written consent of Tektite	_   X.X = ±	-1/16" r = ± 1.0°	50.	B	
		Arigula	上 1.0		-	

Index	Service Part #	File Name	Description	Qty
1	A00-0013	TEKT-0009	5MM Bushing	14
2	A00-0014	THICK-BUSHING	8MM Bushing	6
3	A00-0019	STEP-BOLT1-4X1	Step Bolt, 1/4" x 1", MB	1
4	A00-0020	STEP-BOLT1-4X1-1-4	Step Bolt, 1/4" x 1 1/4", MB	6
5	A00-0021	FLANGE-NUT-1-4	Flange Nut, 1/4", YD	7
6	A00-0033	315-080	Rear Wiper Shaft Grommet	1
7	A00-0043	WWF-MOTOR	WWF Wiper Motor, 1" Shaft	1
8	A00-0108	TEKT-ASM-037	WWF, Adjustable Radial Arm, 15" to 19"	1
9	A00-0109	302-1160_BLADE	Wiper Blade, 16", Narrow Saddle	1
10	K04-0005	KUB2320-031	Rear Window Glass	1
11	K04-0009	KUB2320-051	Rear Window Seal	1



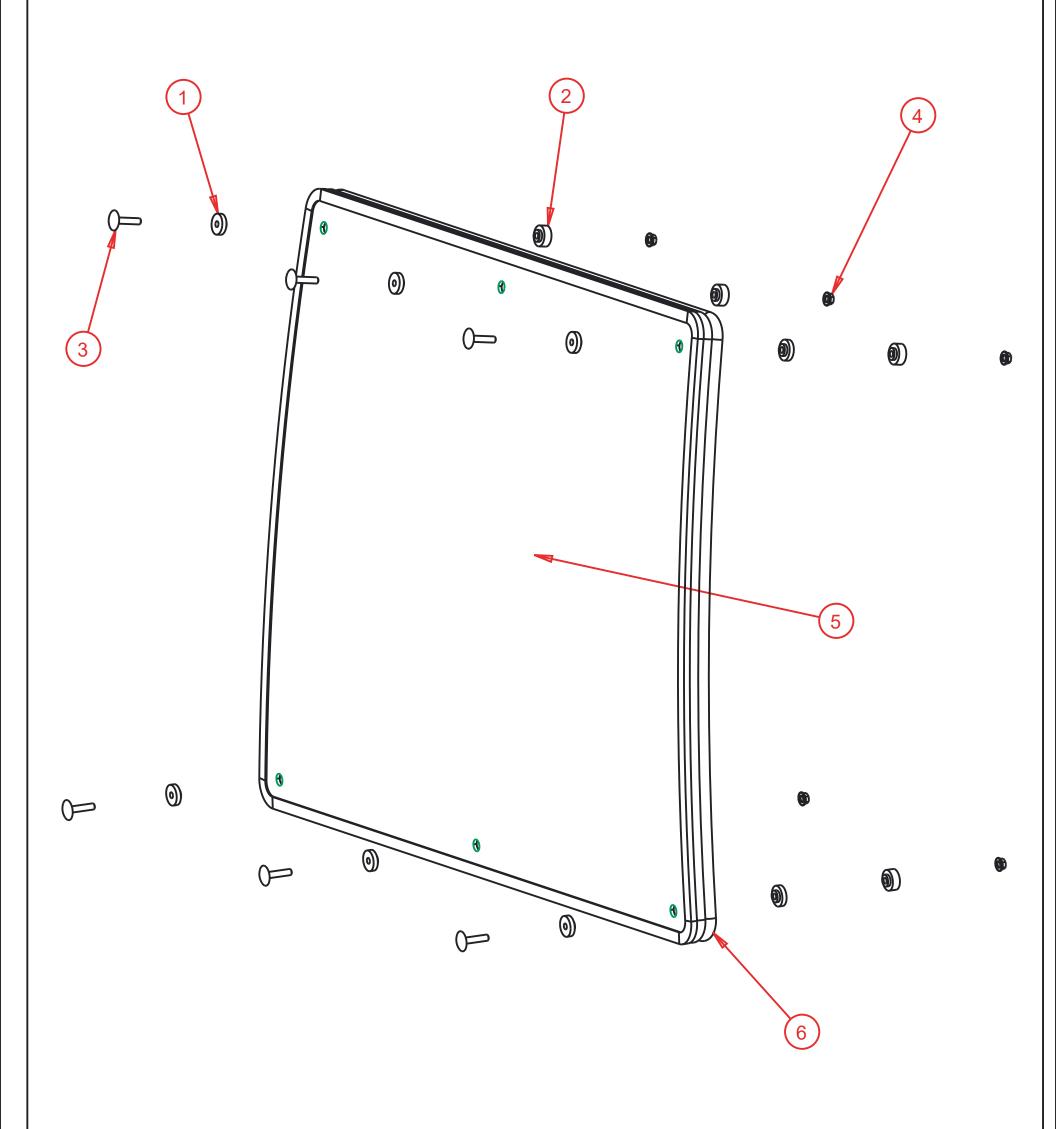


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	Tolerances:
	Unless otherwise specified
	$X.X = \pm 1/16$ " Angular = $\pm 1.0^{\circ}$

			<b>Tektite Manufacturing</b> 24157 Hwy 3, Box 639, Winkler MB, R	<b>J Inc.</b> 6W 4A8, Canada
Req'd:	CNC:	Description:		
1		Rear	Window Assembly	
Drawn By:	Date:	Units:	ile Name:	
Daryl Furkalo	2014-11-25	Imp.	KUB2320-ASM-10_OP	
Checked By:	Date:	Size:		
		В		

Index	Service Part #	File Name	Description	Qty
1	A00-0013	TEKT-0009	5MM Bushing	12
2	A00-0014	THICK-BUSHING	8MM Bushing	6
3	A00-0020	STEP-BOLT1-4X1-1-4	Step Bolt, 1/4" x 1 1/4", MB	6
4	A00-0021	FLANGE-NUT-1-4	Flange Nut, 1/4", YD	6
5	K04-0004	KUB2320-028	Windshield Glass	1
6	K04-0010	KUB2320-052	Windshield Seal	1



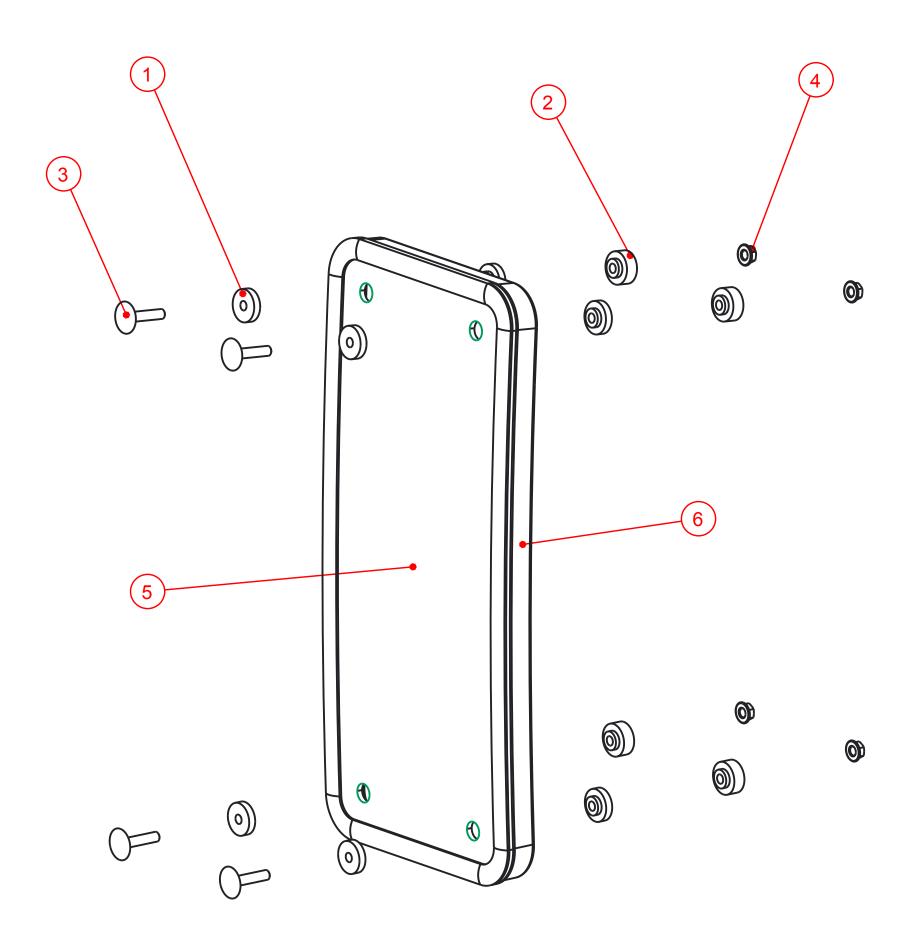


Tolerances: Unless otherwise specified
$X.X = \pm 1/16$ " Angular = $\pm 1.0^{\circ}$

			<b>Tektite Manufacturing Inc.</b> 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada
Req'd:	CNC:	Description:	
_		Wind	dshield Assembly
Drawn By:	Date:	Units:	File Name:
Daryl Furkalo	2017-07-19	Imp.	. KUB2320-ASM-11_OP
Checked By:	Date:	Size:	
		l R	

Index	Service Part #	File Name	Description	Qty
1	A00-0013	TEKT-0009	5MM Bushing	8
2	A00-0014	THICK-BUSHING	8MM Bushing	4
3	A00-0020	STEP-BOLT1-4X1-1-4	Step Bolt, 1/4" x 1 1/4", MB	4
4	A00-0021	FLANGE-NUT-1-4	Flange Nut, 1/4", YD	4
5	K04-0012	KUB2320-029	Lower Front Window	1
6	K04-0013	KUB2320-106_	Lower Front Window Seal	1





# SCALE 0.400

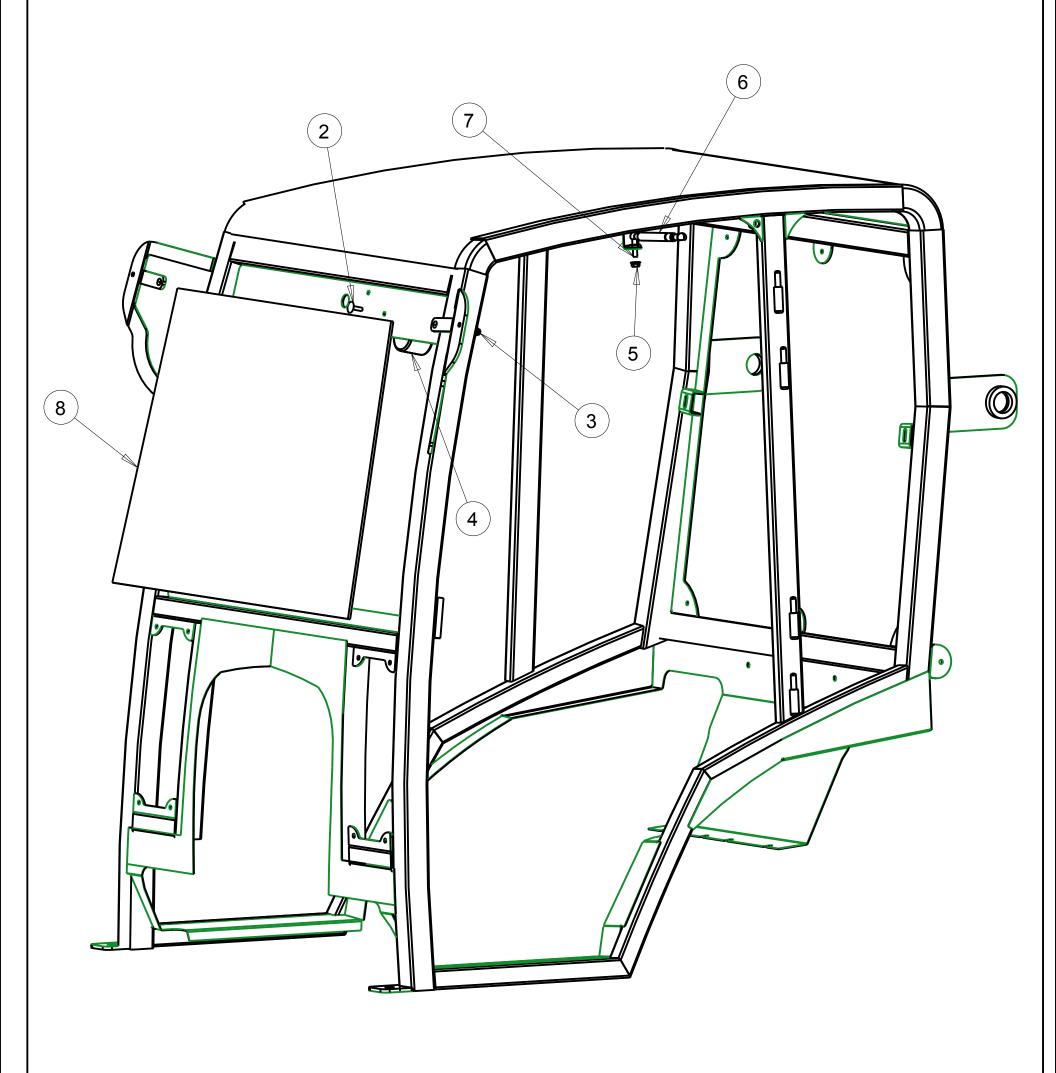
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$X.X = \pm 1/16$ " Angular = $\pm 1.0^{\circ}$

<b>Tektite Manufacturing Inc.</b> 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada							
Req'd:	CNC:	Description:	Description:				
L&R		Lowe	er Front V	Vindow Assembly			
Drawn By:	Date:	Units:	File Name:				
Daryl Furkalo	2014-07-31	Imp.	KUB2320	-ASM-50_OP			
Checked By:	Date:	Size:					

Index	Service Part #	File Name	Description	Qty
1		KUB2320-ASM-12		1
2	A00-0019	STEP-BOLT1-4X1	Step Bolt, 1/4" x 1", MB	1
3	A00-0021	FLANGE-NUT-1-4	Flange Nut, 1/4", YD	1
4	A00-0043	WWF-MOTOR	WWF Wiper Motor, 1" Shaft	1
5	A00-0059	FLANGE-NUT-5-16	Flange Nut, 5/16", YD	2
6	A00-0084	TEKT-0070	Gas Shock	2
7	A00-0085	TEKT-0069	Gas Shock Stud	2
8	K04-0014	KUB2320-057	Front Windshield, AS-1	1



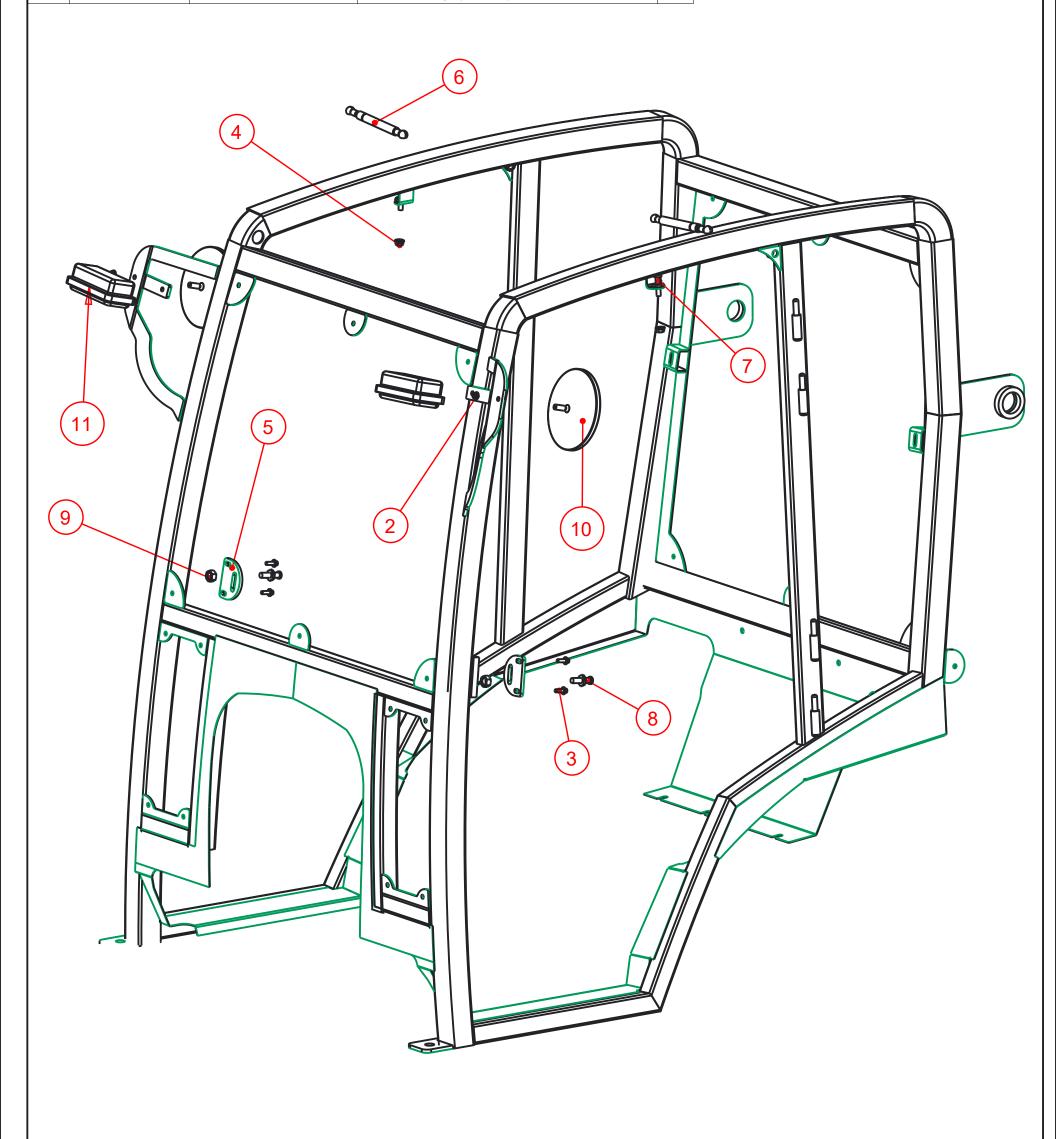


Tolerances: Unless otherwise specified		
$X.X = \pm 1/16$ " Angular = $\pm 1.0^{\circ}$		

			2	Tektite Manufacturing Inc. 14157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada
Req'd:	Req'd: CNC: Description:			
_		AS-1	Windshi	eld Parts Breakdown
Drawn By:	Date:	Units:	File Name:	
Daryl Furkalo	2012-09-20	Imp.	KUB2320	-ASM-15
Checked By:	Date:	Size:		
		В		

Index	Service Part #	File Name	Description	Qty
1		KUB2320-ASM-13		1
2	A00-0021	FLANGE-NUT-1-4	Flange Nut, 1/4", YD	2
3	A00-0023	FLANGE_BOLT_1-4X3-4	Flange Bolt, 1/4" x 3/4", YD	4
4	A00-0059	FLANGE-NUT-5-16	Flange Nut, 5/16", YD	2
5	A00-0061	TEKT-0021	Striker Mounting Plate	2
6	A00-0084	TEKT-0070	Gas Shock	2
7	A00-0085	TEKT-0069	Gas Shock Stud	2
8	A00-0101	STRIKER-PIN	Striker Pin	2
9	A00-0103	HEX-NUT-M12X1	Hex Nut, M12 x 1.0, YD	2
10	A00-0141	ROUND_MIRROR_6_INCH	External 6" Mirror	2
11	A00-0371	TEKT-0175	New LED Work Light (Blazer Intl)	2





Tolerances: Unless otherwise specified
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			Tektite Manufacturing Inc. 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada
Req'd: CNC:		Description:	
+		Accessories	
Drawn By:	Date:	Units:	File Name:
Daryl Furkalo	2016-11-23	Imp.	KUB2320-ASM-51
Checked By:	Date:	Size:	
		В	