



## John Deere 1023E TLB ROPS Cab MY2020

\*\* Shown with optional features



### John Deere 1023E ROPS Cab

This ROPS cab is designed and built to fit the John Deere 1023E when equipped with John Deere back-hoe model 260B MY 2020.

Designed and Built by:

Tektite Manufacturing Inc:

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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 John Deere 1023E 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: \_\_\_\_\_

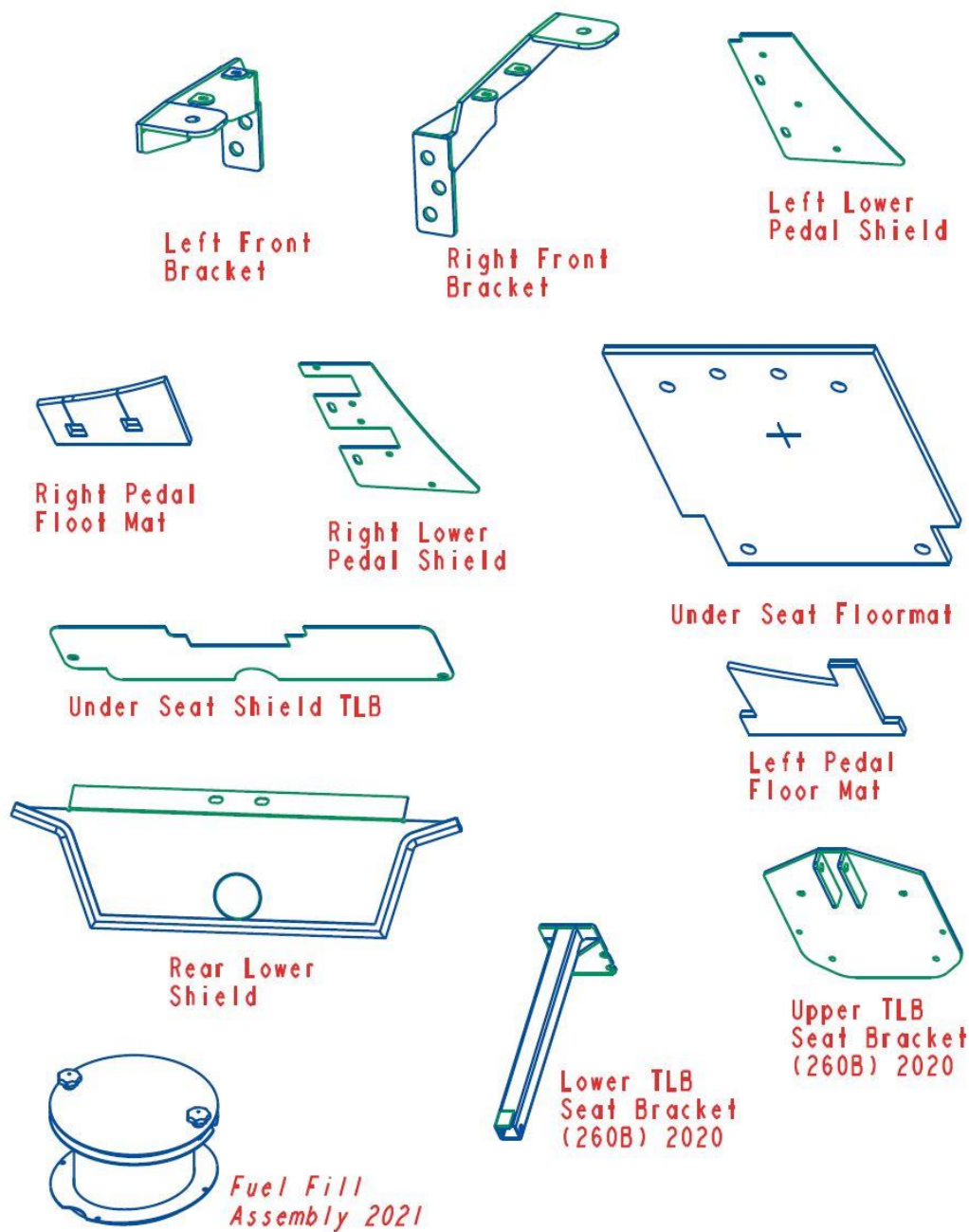
**Parts List Standard Cab:**

Description	Qty
Structural Washer, ¼" thick	4
Chassis Isolator, Rubber, 5/8" (pre-installed)	4
Bolt, Hex, 5/8" x 3", Gr. 8, YD	4
Bolt, Carriage, 5/8" x 2 ½", Gr. 5	4
Bolt, Carriage, 5/8" x 2 ½", Gr. 5 (MODIFIED)	2
Nut, Flange, 5/8", Gr. 8, YD	10
Under seat Shield	1
Rear Lower Shield (3" snap cap installed)	1
Floor mat, under seat	1
Bolt, Hex, ½" x 4 ½", Gr. 8	2
Front Cab Brackets	L&R
Bolt, Flange, M8 x 65 mm	1
Nut, Flange, ¼", MB	5
Nut, Extruded Panel, ¼" (pre-installed)	10
Hood Shield (Rubber, Foam Pre-installed)	1
Knob, 4-lobe, ¼" x 1" (pre-installed)	4
Wire Loop, 1/4", Yellow	2
UPPER and LOWER TLB Seat Bracket (260B)	1 set
Lower Pedal Shields	L&R
Upper Pedal Shields (pre-installed)	L&R
UKC-X Foam, Open Cell	4 FT
Pedal Floormat	L&R
Fir Tree Fastener	8
Fender Washer, 1/4"	2
Bolt, Flange, 1/4" x 3/4", YD	6
Nut, Extruded Panel, 1/4"	1
Bolt, Flange, 5/16" x 1 ½", YD	2
Nut, Flange, 5/16", YD	2
Fuel Fill Assembly, 2021	1
Screw, #8 x ½", MB	4

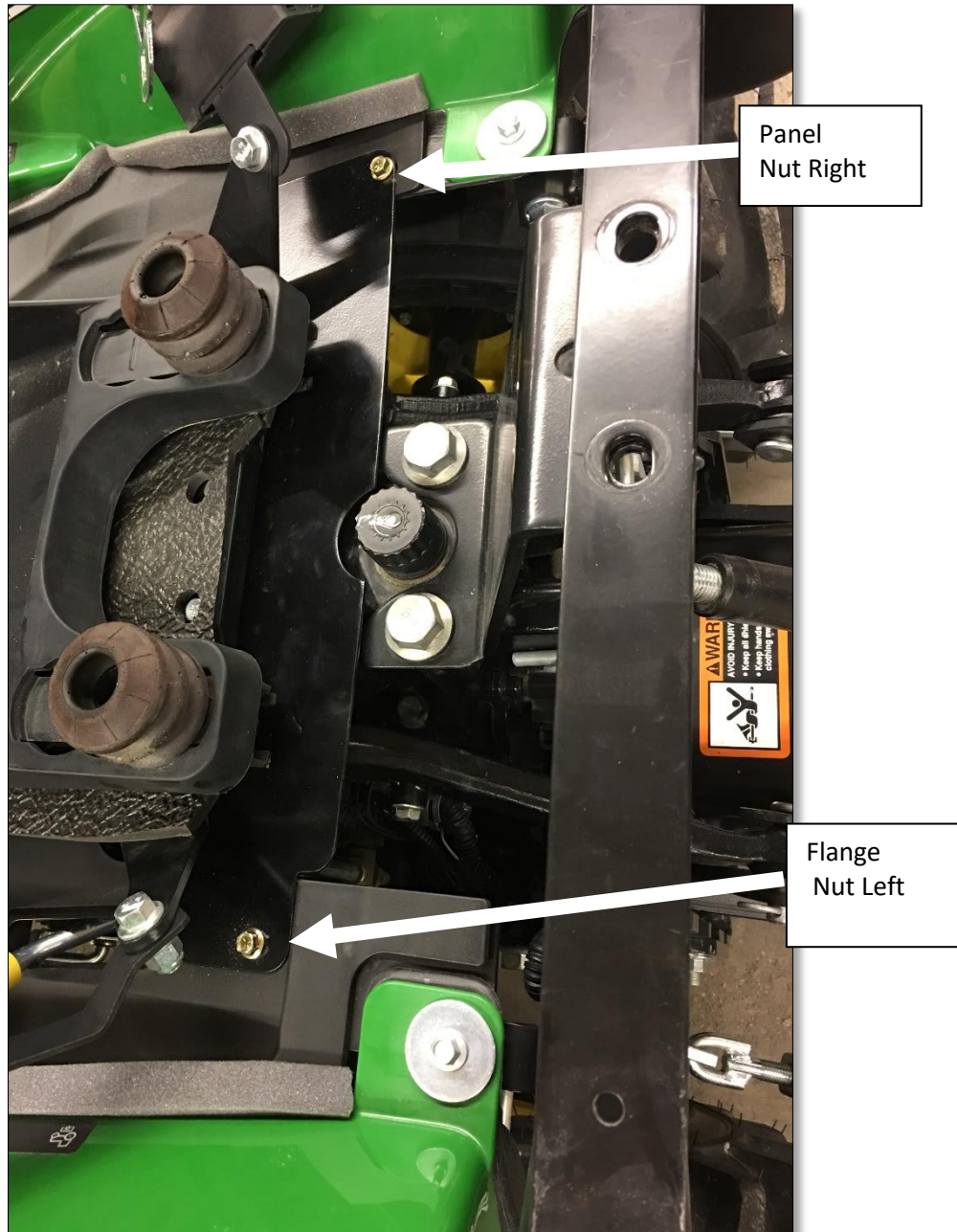
**Parts List Water Heater Kit:**

Description	Qty
Hose Clamps, HS-6	2
Heater hose, 3/8" ID (pre-installed)	12 FT
Straight fitting, 1/4NPT x 3/8" barb	1
Straight fitting, 3/8NPT x 3/8" barb	1
Straight Fitting, 16MM male x 3/8NPT Female	1
Zip Ties, Standard	4

## John Deere 1023E tractors require LVU21738 and LVU23210.

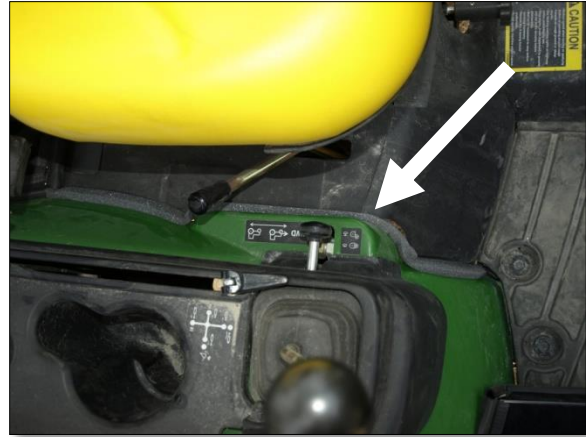
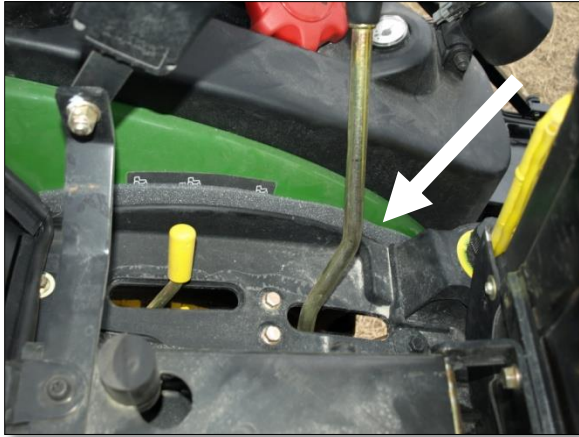


Tektite requires the dealer to install panels LVU21738 and LVU23210 which are the seal panels from the 1025/6R. Tektite provides four 1/4" fender washers for the panel install, along with panel and flange nuts, and flange bolts for the rear fasteners. Take the provided steel under-seat panel and install onto tractor with the rear-most fastener from the plastic seal panels. Fasten into place with factory hardware.

**Installation Instructions:**

1. Take the provided open cell foam and install on the outside of the plastic fenders onto the tractor.





2. Un-bolt and remove the tool box bracket from the right 2-post ROPS. Save the flange bolts for re-use. Unfortunately, there is not enough room to re-mount the tool box onto the tractor.



3. Un-bolt the left flasher light bracket from the 2-post ROPS (U-bolt and flange bolt).



4. Un-bolt the flasher light from the bracket, and carefully push the wire retaining clips out of the bracket.
5. Un-bolt the remaining fastener and remove the SMV mount bracket from the 2-post ROPS on the left side (shown in previous picture). Flange bolt to be re-used in next step.
6. Take the flasher light and fasten it directly to the outside of the 2-post ROPS through the original factory holes in the 2-post. Use the flange bolt from the SMV sign bracket, and the provided M8 x 65 mm flange bolt.





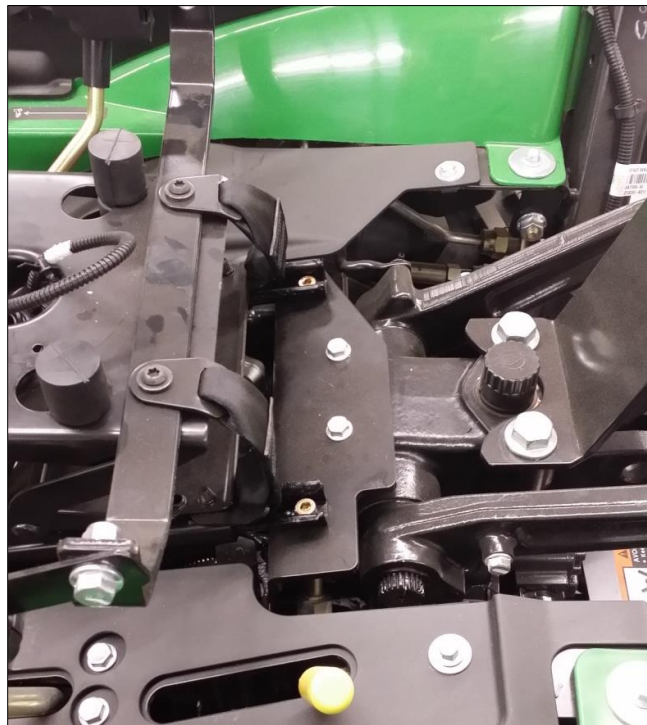
7. Un-bolt the right flasher light from the bracket, and carefully push the wire retaining clips out of the bracket.
8. Un-bolt the right flasher light bracket from the 2-post ROPS (U-bolt and flange bolt).



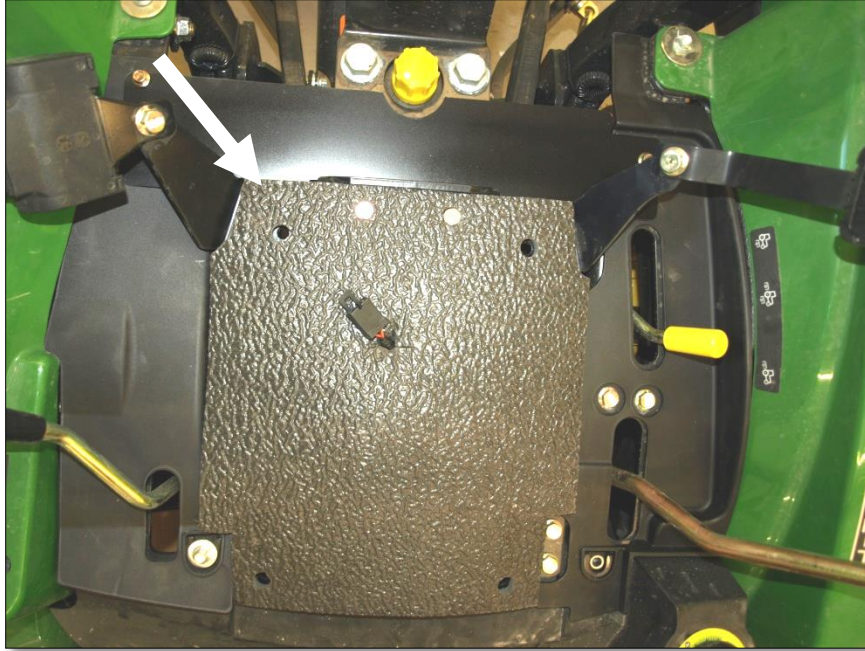
9. Take the flasher light and fasten it directly to the 2-post ROPS through the original factory holes in the 2-post. Use the M8 x 65 mm flange bolts from the tool box mount bracket.



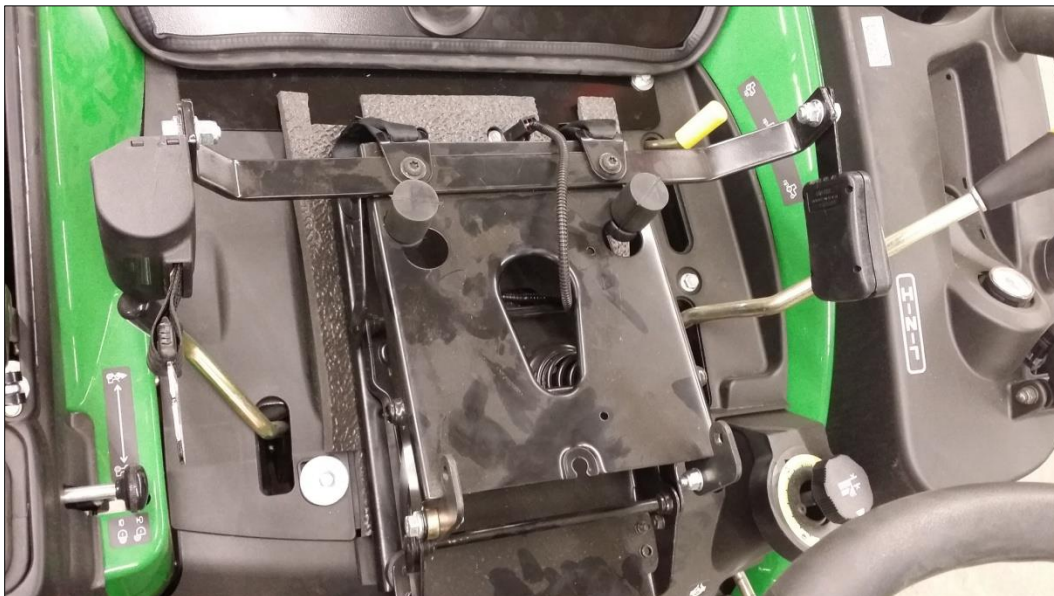
10. Disconnect the seat harness plug. Remove the clevis pin that allows the seat to pivot and then remove the seat from the seat track assembly.



11. Un-bolt the seat tracks assembly from the tractor.
13. Take the provided under-seat floor-mat panel and position into cavity under the seat between the steel panel just installed and the side plastic panels.



14. Re-install the seat track assembly at this point while it is easier to access.



15. Remove the two fasteners in the rear cross-member between the lower 2-post ROPS members. Take the provided lower rear shield and put on top of the cross-member so that the shield goes down and forward. Fasten into place with the fasteners removed earlier.



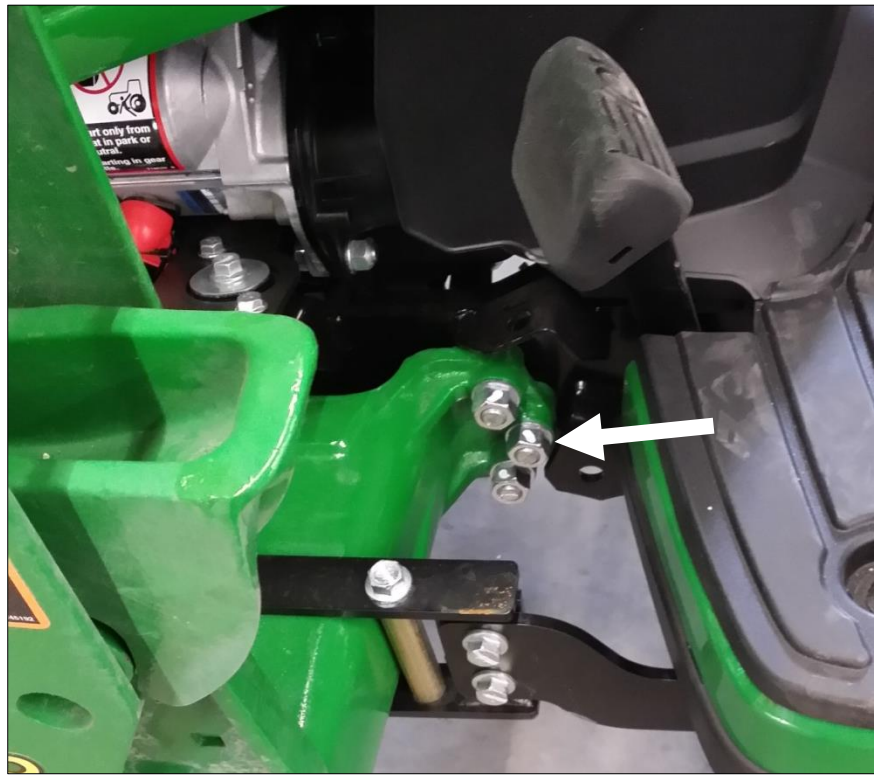


16. Re-install the seat and clevis pin.

**16-1.** Locate bolt shown below and remove. Install provided 5/16" x 1 1/2" flange bolt and nut provided.

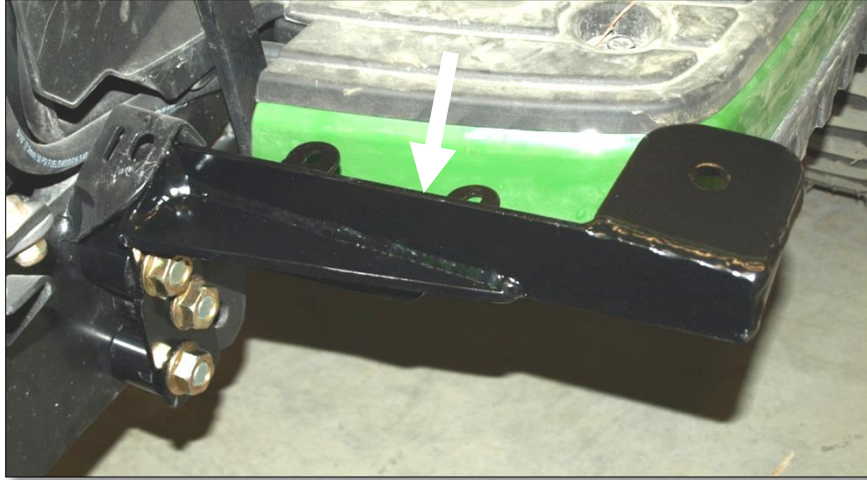


17. Un-bolt and remove the rear three bolts fastening the loader sub-frame to the tractor on the left side.



18. Take the left front bracket, and two of the normal 5/8" x 2 1/2" carriage bolts, one MODIFIED 5/8" x 2 1/2" carriage bolt, and flange nuts. Install ALL carriage bolts from the inside of the tractor frame, and stick the bolt through the square hole in the chassis. The rear three holes are used where the front end loader installs. Loosely fasten bracket only at this point. (No-loader case is shown). The MODIFIED carriage bolt is required for the top fastener; the standard carriage bolts are used for the bottom two fasteners. The bracket goes over the back-hoe stabilizer crossmember that comes forward to the loader.





19. Disconnect the hydraulic quick-couplers going to the loader to provide easier access on the right side.

20. Un-bolt and remove the rear three bolts fastening the loader sub-frame to the tractor.



21. Repeat for the right front bracket.



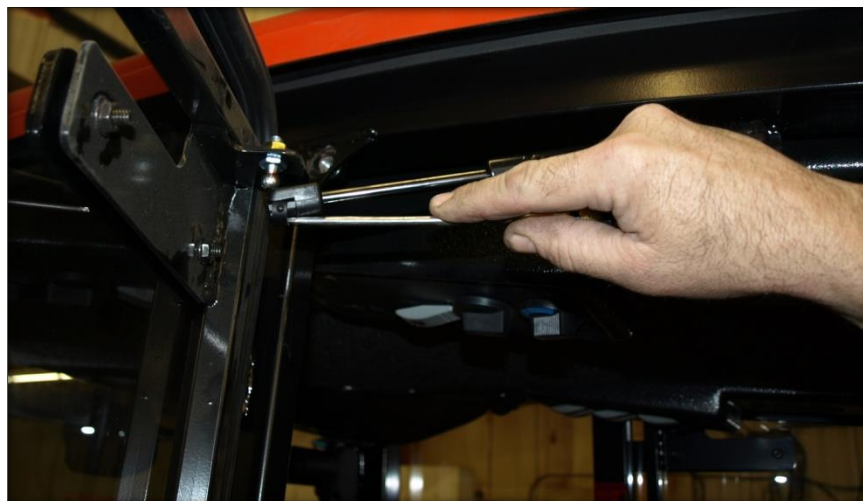
22. Take the left lower pedal shield (no notches), two  $\frac{1}{4}$ " x  $\frac{3}{4}$ " flange bolts and nuts, lift the front of the operator platform floor-mat up slightly, then tuck pedal shield underneath platform floor-mat. Use the provided flange bolts to fasten shield onto left front bracket.



23. Take the right lower pedal shield (two notches), two  $\frac{1}{4}$ " x  $\frac{3}{4}$ " flange bolts and nuts, and lift the front of the operator platform floor-mat up slightly, then tuck pedal shield underneath platform floor-mat. Use the provided flange bolts to fasten shield onto right front bracket.



24. Un-hook the gas shock, and remove both doors from the cab frame. 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. **REMOVE cab hood shield and lower front pedal shields.**



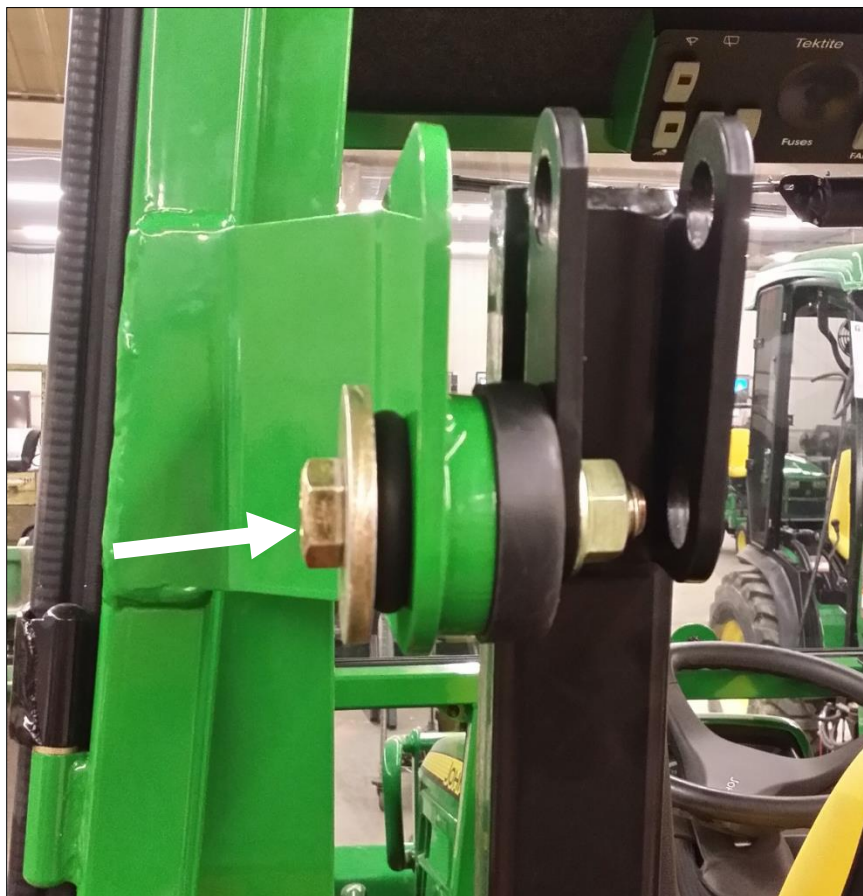
25. Remove the upper 2-post ROPS structure at the hinge point. **It is necessary to clamp the 2-post ROPS together as it will spring apart after top hoop is removed! Keep ROPS clamped together until cab is installed onto tractor to make installation easier.**

26. Take the provided cab lift bolt, a  $\frac{1}{2}$ " x 4  $\frac{1}{2}$ " hex bolt and fasten to the cab using the weld nut located behind the tab at the top rear corner of the door opening. Install lift bolt on the opposite side. Using a lifting strap or chain, connect the two lift bolts to an over-head hoist or fork lift.



27. Un-fasten the shipping brackets from the cab and lift up off of the shipping pallet. Carefully position the cab directly over the tractor.

28. Lower the cab straight down until the weather-stripping is contacting the tractor, and the rubber isolators are on the front bracket mount plates. The rear isolator fastener is the lower hole in the bottom of the 2-post ROPS that remains on the tractor.



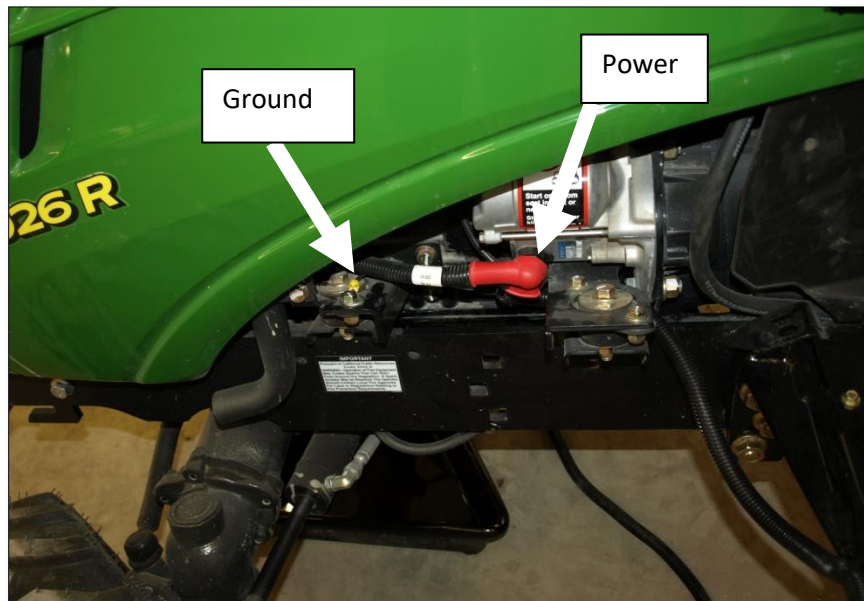
29. For the front isolator fasteners, use the provided 5/8" x 3" hex bolt, 1/4" heavy flat washer, and flange nut in that order from above. The rear isolator fastener requires the 5/8" x 3" hex bolts. Get all fasteners started before tightening any fasteners. Note the alignment shown above.

30. Once all fasteners are started, begin applying final torques, starting with the isolators, then the front mounting bracket. 5/8" fasteners can have 205 ft-lbs.

31. Un-hook the lift strap or chain and carefully remove. Remove the lift bolts. Remove clamps on 2-post ROPS.

32. Open the tractor hood and remove the left and right tractor hood panels.

33. Locate the main cab harness wires at the bottom of the front left A-post and route into the engine bay. Connect the 10GA red wire to the starter as shown in the following photograph with the provided 1/4" loop connector. Shorten wire if necessary, then solder connector to wire. Connect the 10GA black wire to the ground bolt shown in the photo below with the provided 1/4" loop connector. Shorten the wire if necessary, then solder connector to wire.



**\*\* For cabs equipped with radios:** The orange wire in the cab harness needs to be connected to a key-switch activated source on the engine. On the three wire connector going into the alternator, the middle red wire should be that source. Verify with test light first, then solder the orange wire directly to that wire on the harness.

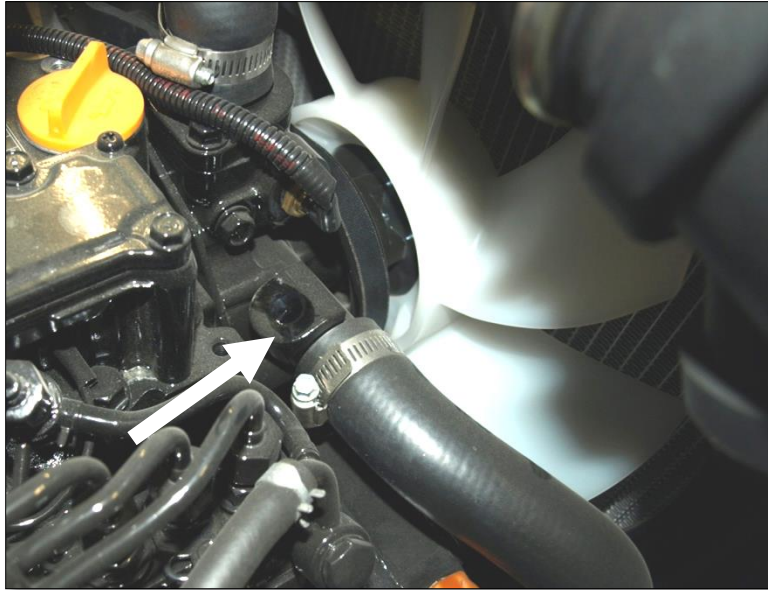
Proceed with the following steps if the cab is equipped with a water heater.

For model year 2017 and newer tractors only, if equipped with finger guard on right side on engine, REMOVE finger guard as this prevents access to heater fittings.

34. Drain the engine antifreeze.

35. Locate the dimple on the right side of the engine in the photo on the next page.



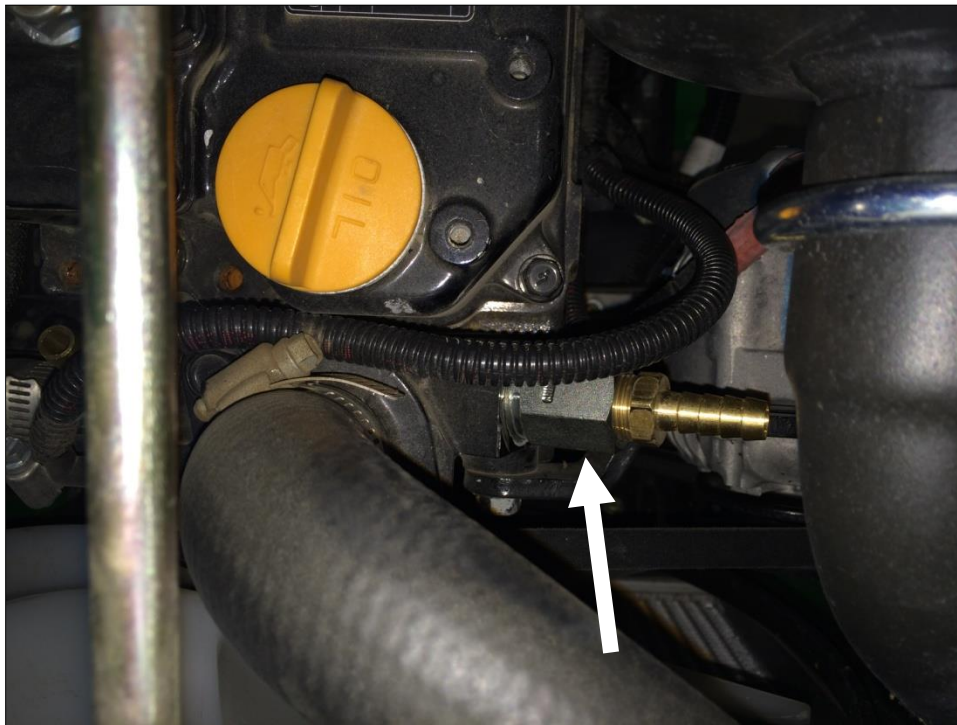


It is necessary to drill and tap the block for a heater fitting here. Remove the air filter and top of the lower radiator hose. Use gun grease on the end of the drill bit to prevent shavings from entering the engine block. Drill a 7/16" hole in the centre of the dimple. Ensure no shavings have entered the block. Use lubricant and tap a 1/4NPT into the open hole. Use the provided 1/4NPT x 3/8" barb straight fitting and install into the open port. Be sure to use a water sealant on the threads of the fitting to prevent water leaks.



36. There is a plug on the left side of the thermostat. Remove this plug and install the provided 16MM fitting into this port, use a thread sealant on the threads of the fitting. Install the

remaining straight 3/8NPT x 3/8" barb fitting into the open end of the 16MM fitting installed earlier.



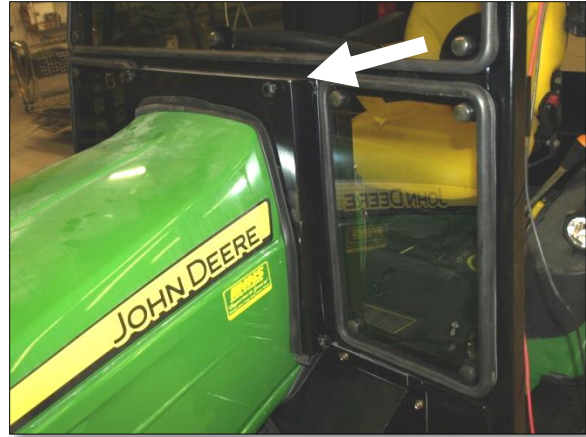
37. Route the hoses on the right side of the cab up into the engine bay and connect one hose to each fitting with the provided HS-6 hose clamps.

38. Make sure all fitting connections are tight and the hoses are properly secured to the machine. Re-fill the engine antifreeze. Start the engine and turn the heater fan on. 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.

39. Cab heater installation is now complete.

40. Re-install the tractor hood side panels and close the tractor hood.

41. Re-install the hood shield removed earlier. The fit is tight to prevent water entry.



42. Re-install the left pedal shield, and three  $\frac{1}{4}$ " x  $\frac{3}{4}$ " flange bolts. Position the panel onto the outside front of the cab, aligning the shield with the clip nuts on the cab. Fasten into place.



43. Re-install the right pedal shield and the remaining  $\frac{1}{4}$ " x  $\frac{3}{4}$ " flange bolts. Position the panel onto the outside front of the cab, aligning the shield with the clip nuts on the cab, and fasten into place.





44. Take the provided fuel fill assembly to the tractor.

45. Position fuel fill around the fuel cap, aligning grab handle with cut-out in perimeter of the shield. Fasten into place with the provided #8 x ½" screws.



46. Take the left pedal floor-mat provided and position overtop the lower shield installed earlier and underneath the tractor platform floor-mat. Ensure the brake pedal has full range of

motion, notching if necessary. Use provided fir tree fasteners to fasten floormat to lower pedal shield installed earlier.



47. Take the right pedal floor-mat provided and position overtop the lower shield installed earlier and underneath the tractor factory floor-mat. Ensure the throttle pedals have full range of motion, notching if necessary. Use provided fir tree fasteners to fasten to lower pedal shield installed earlier.



48. Please note, in order to open the hood, the hood shield must be removed from the cab.

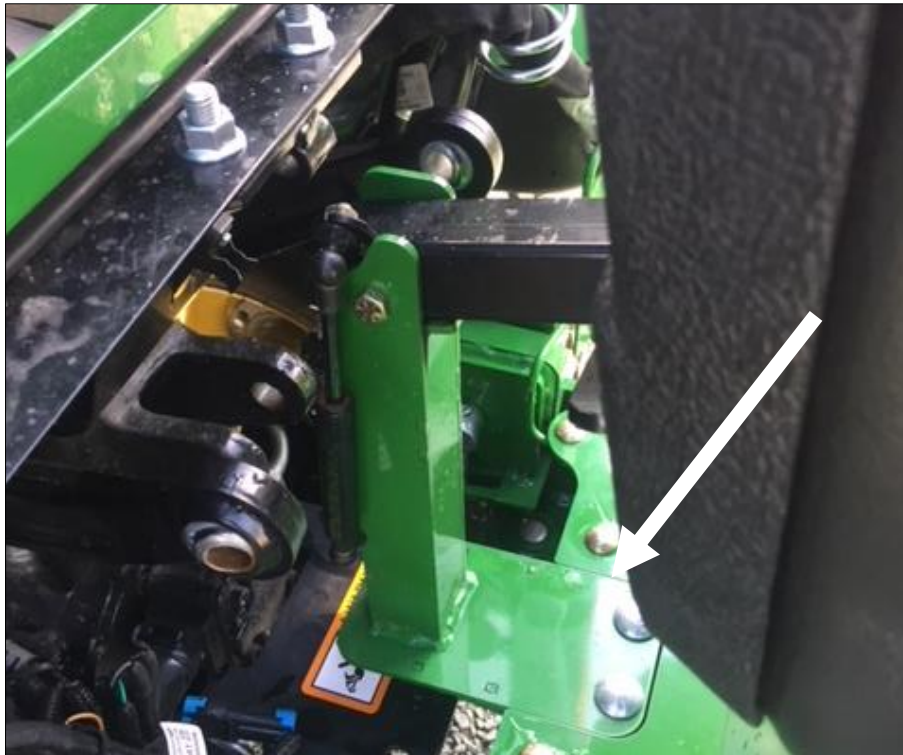




49. To ensure a proper seal, use a black silicone sealant around all small open cracks between the cab weather stripping and tractor components.

**Back-hoe equipped tractors only (260B model only 2020):**

- . Remove the entire seat mount bracket from the 260B back-hoe.

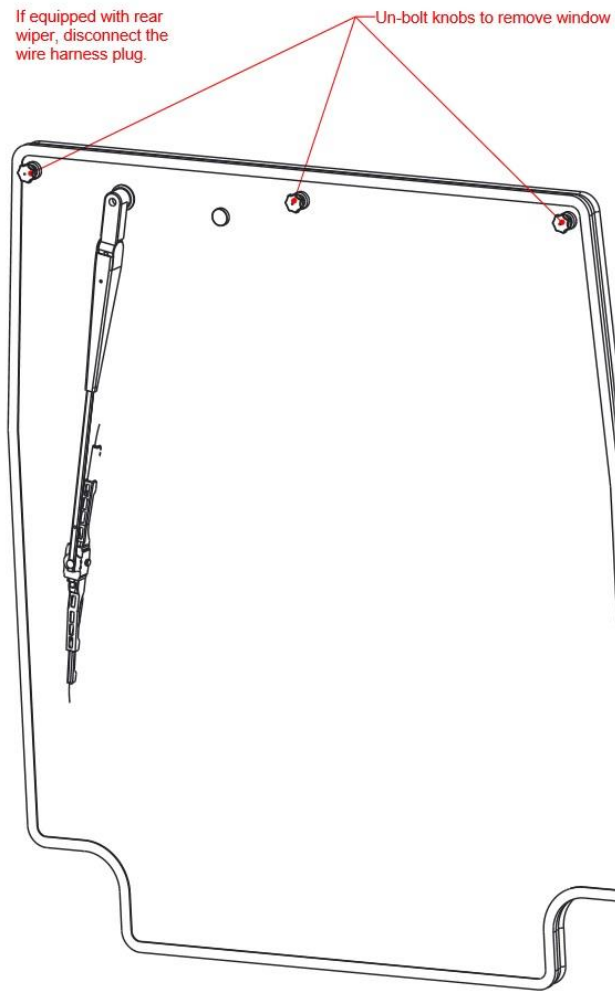


- . Un-bolt and remove the seat from the factory bracket.
- . Using factory hardware, bolt the seat onto the upper Tektite provided seat bracket.
- . Take the new lower seat bracket and re-attach to the factory position with factory hardware.
- . Using factory pivot hardware, attach pivoting lower bracket to the upper bracket.

### **Rear Window Removal for Back-Hoe Use**

The rear window must be removed from cab in order to operator the back-hoe on the tractor.

- . Disconnect the wire harness to the rear wiper, trailer wire quick-disconnect connector needs to be un-plugged.



- . Un-bolt the three knob-bolt fasteners at the top of the rear window to completely loosen glass from cab.
- . Lift glass straight up at the back of the cab. The glass can lean back at the spacing provided by the rear mount plates enough for the rear wiper motor to clear as you are lifting the glass up.
- . Flip seat back and use backhoe as required.



## John Deere 1025 TLB ROPS Cab

\*\* Shown with optional equipment



### John Deere 1025 ROPS Cab

This ROPS cab is designed and built to fit the John Deere 1023E, 1025R, and 1026R when specifically equipped with John Deere backhoe.

Designed and Built by:

Tektite Manufacturing Inc:

427 Buffalo Street

P.O. Box 639

Winkler, MB

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Canada

PH: 204-331-3463

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[sales@tektite.ca](mailto:sales@tektite.ca)

One year standard product warranty provided by Tektite.



Tektite Manufacturing Incorporated thanks you for purchasing a John Deere 1025 TLB 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 operator manual carefully before 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: \_\_\_\_\_





## 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;
- l) 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 tortious 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.

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Warranty claims should be reported to [parts@tektite.ca](mailto:parts@tektite.ca). 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 slow 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 is 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**

The ROPS cab has two doors. Either one can be used during an emergency.

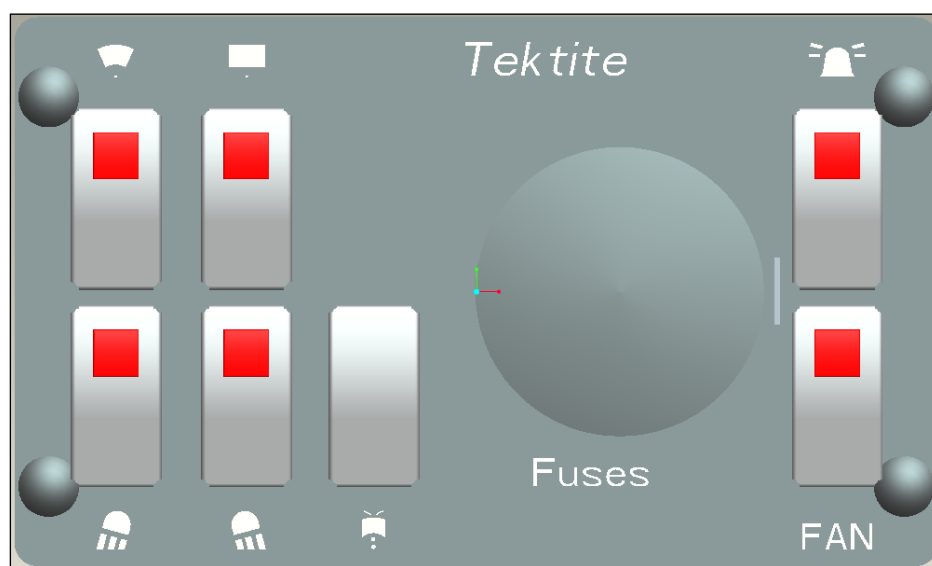


## Operating Instructions

### **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 is one switch plate located in the cab. The following switches are available and their functionality is described.



### **Cab 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 (not available on all models)**

Low position: Off

High position: On

Note: indicator light activates when wiper is on.

#### **3. Front Work Light Rocker Switch (standard)**

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. Washer Momentary Rocker Switch (Front and Rear optional)**

Low position: On

Mid position: Off

High position: On

#### **6. Beacon Rocker Switch (optional)**

Low position: Off

High position: On

Note: indicator light activates when work lights are on.

#### **7. Water Heater Fan Rocker Switch (optional)**

Low position: Off

High position: On

Note: indicator light activates when work lights are on.

Standard and optional features are individually fused, and the fuses can be accessed behind the plug in the middle of the switch plate.

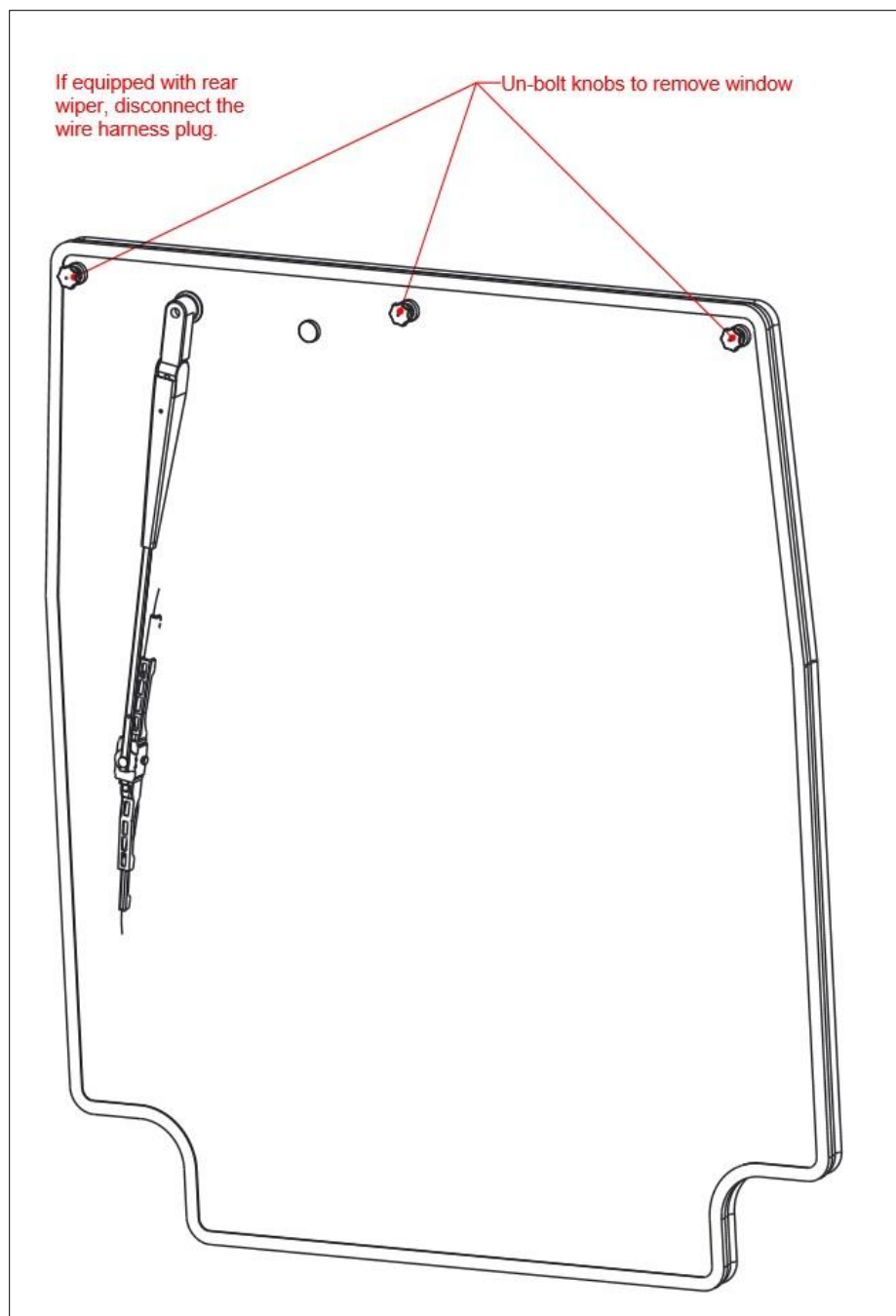
### **Cab Circuit Protection**

The Tektite ROPS cab is wired to provide maximum protection against individual circuit overload. All optional components are fused internally behind the cab switch plate. Cab wiring is direct to the tractor battery.

### **Rear Window Removal for Back-Hoe Use**

The rear window must be removed from cab in order to operator the back-hoe on the tractor.

Step 1: Disconnect the wire harness to the rear wiper, trailer wire quick-disconnect connector needs to be un-plugged.



Step 2: Remove the three knob bolt fasteners at the top of the rear window to completely loosen glass from cab.

Step 3: Lift glass straight up between the 2-post ROPS to remove from the cab.





## **After your ROPS Cab has been installed:**

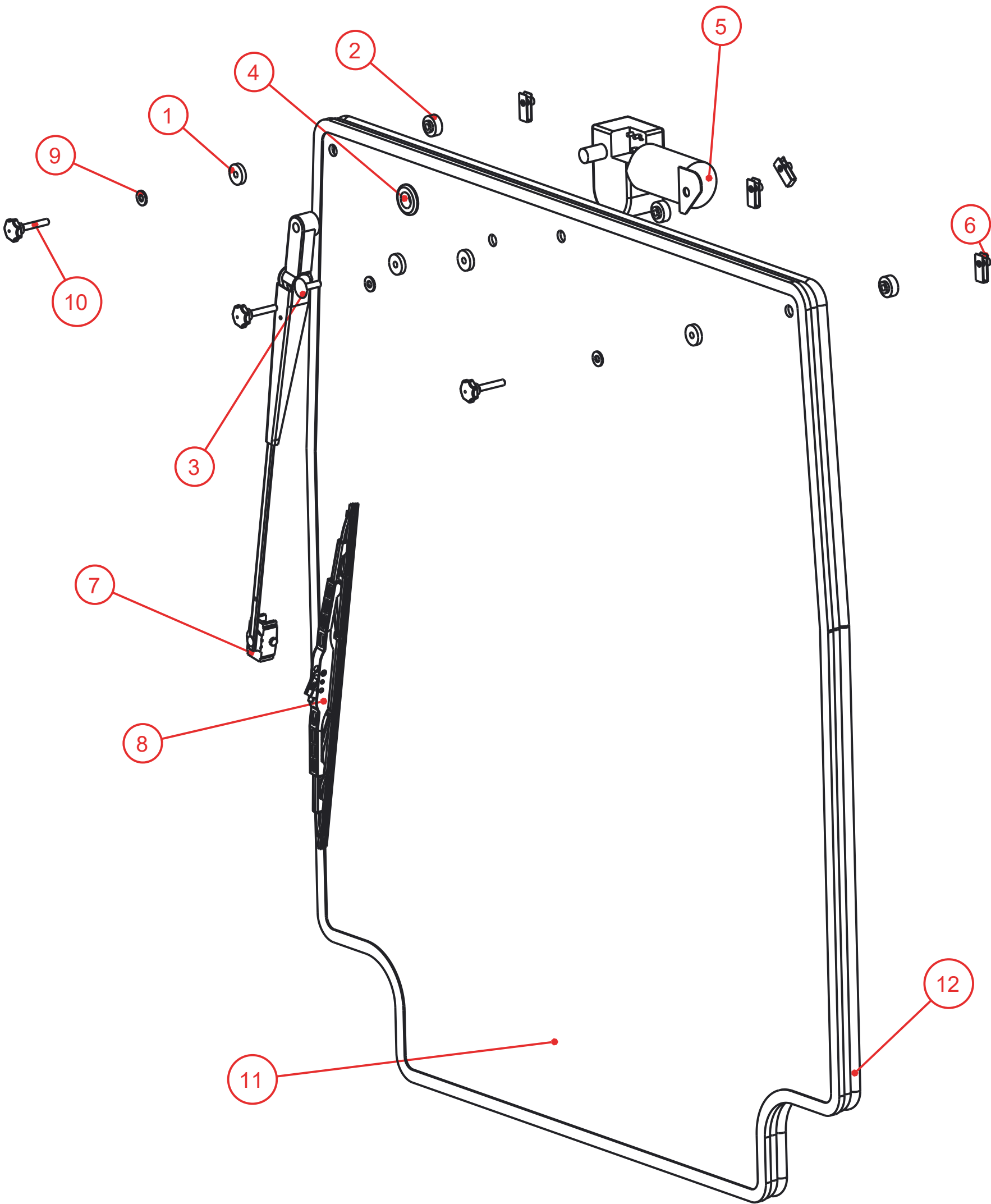
Before starting a tractor equipped with a Tektite ROPS cab:

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 may 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	A00-0013	TEKT-0009	5MM Bushing	5
2	A00-0014	TEKT-0092	Thick Bushing	3
3	A00-0019	STEP-BOLT1-4X1	Step Bolt, 1/4" x 1", MB	1
4	A00-0033	315-080	Rear Wiper Shaft Grommet	1
5	A00-0043	WWF-MOTOR	WWF Wiper Motor, 1" Shaft	1
6	A00-0076	TEKT-0026	1/4" Panel Nut	4
7	A00-0108	TEKT-ASM-037	WWF, Adjustable Radial Arm, 15" to 19"	1
8	A00-0109	302-1160_BLADE	Wiper Blade, 16", Narrow Saddle	1
9	A00-0119	WASHER_1-4	Washer, Flat, 1/4"	3
10	A00-0385	TEKT-0190	Knob, Knurled, 1/4" x 1 7/16"	3
11	J11-0041	JD1023-167	Rear Window Glass, BACK HOE	1
12	J11-0045	JD1023-166_	Back-Hoe Rear Window Seal	1



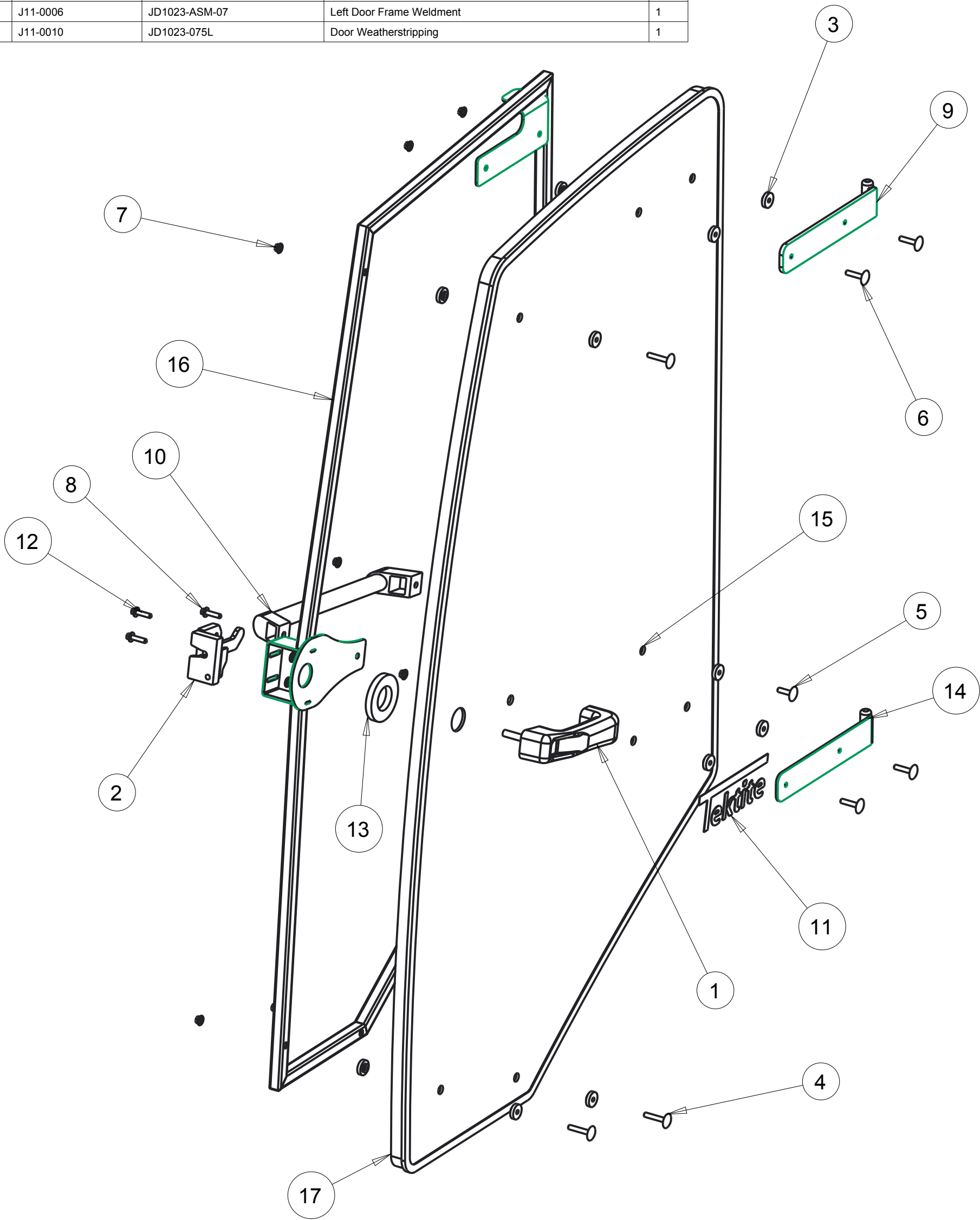
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Angular =  $\pm 1.0^\circ$

Tektite Manufacturing Inc. 427 Buffalo Street, Winkler MB, R6W 4A8, Canada					
Req'd:	CNC:	Description:			
1 req		Back-hoe Rear Window Assembly			
Drawn By:	Date:	Units:	File Name:		
Daryl Furkalo	2019-06-12	Imp.	JD1023-ASM-65_OP		
Checked By:	Date:	Size:			
		B			

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	J11-0003	JD1023-015	Door Glass	1
16	J11-0006	JD1023-ASM-07	Left Door Frame Weldment	1
17	J11-0010	JD1023-075L	Door Weatherstripping	1



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24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada

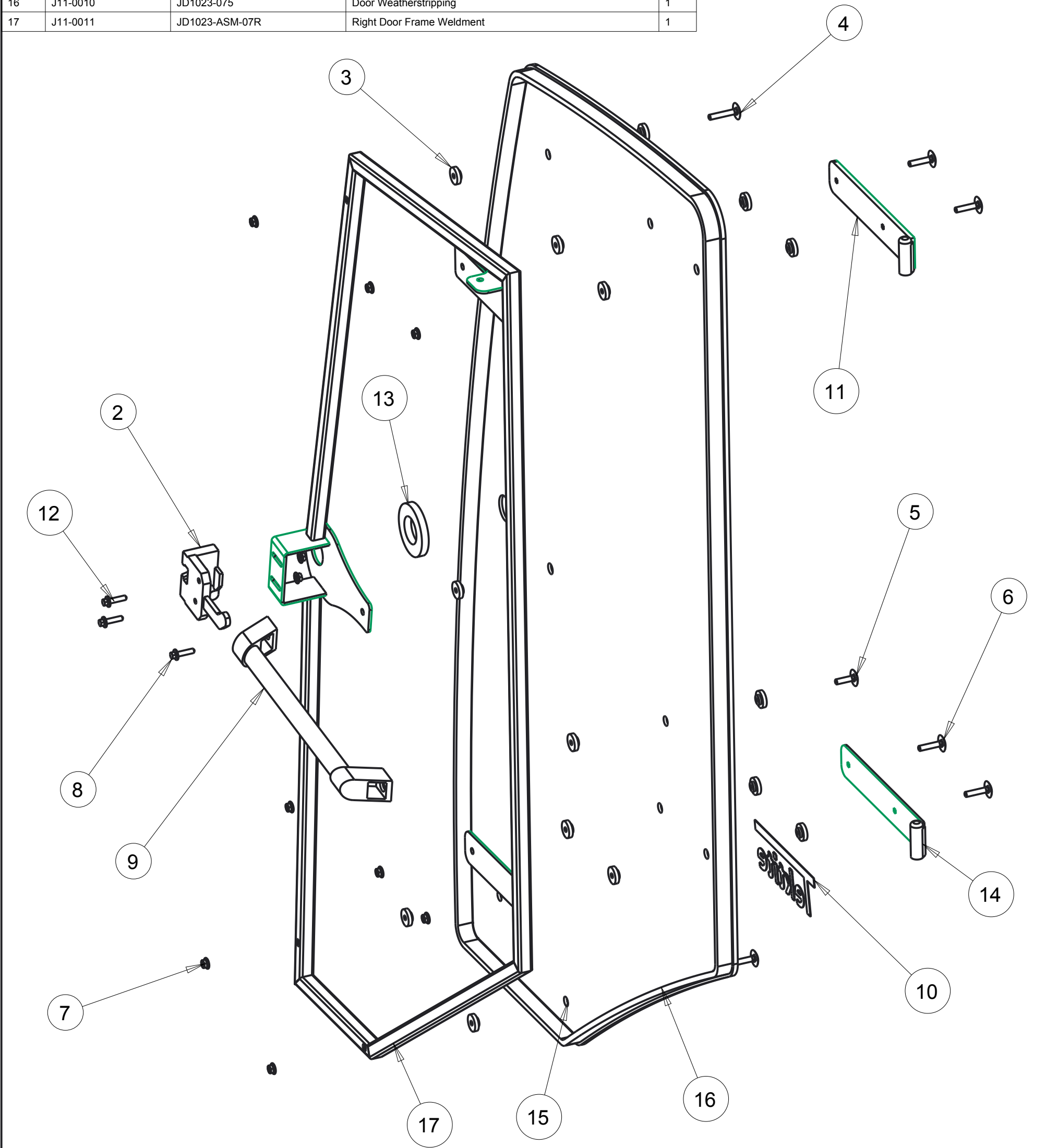
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Req'd:					
CNC:		Description: <b>Left Door Assembly</b>			
Drawn By: <i>Daryl Furkalo</i>		Date: 2013-09-23		Units: <b>Imp.</b>	
Checked By:		Date:		File Name: JD1023-ASM-06_OP	
				Size: <b>B</b>	

Index	Service Part #	File Name	Description	Qty
1	A00-0001	DLP-HANDLE	Outside Push Button Handle	1
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, Upper	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	J11-0003	JD1023-015	Door Glass	1
16	J11-0010	JD1023-075	Door Weatherstripping	1
17	J11-0011	JD1023-ASM-07R	Right Door Frame Weldment	1



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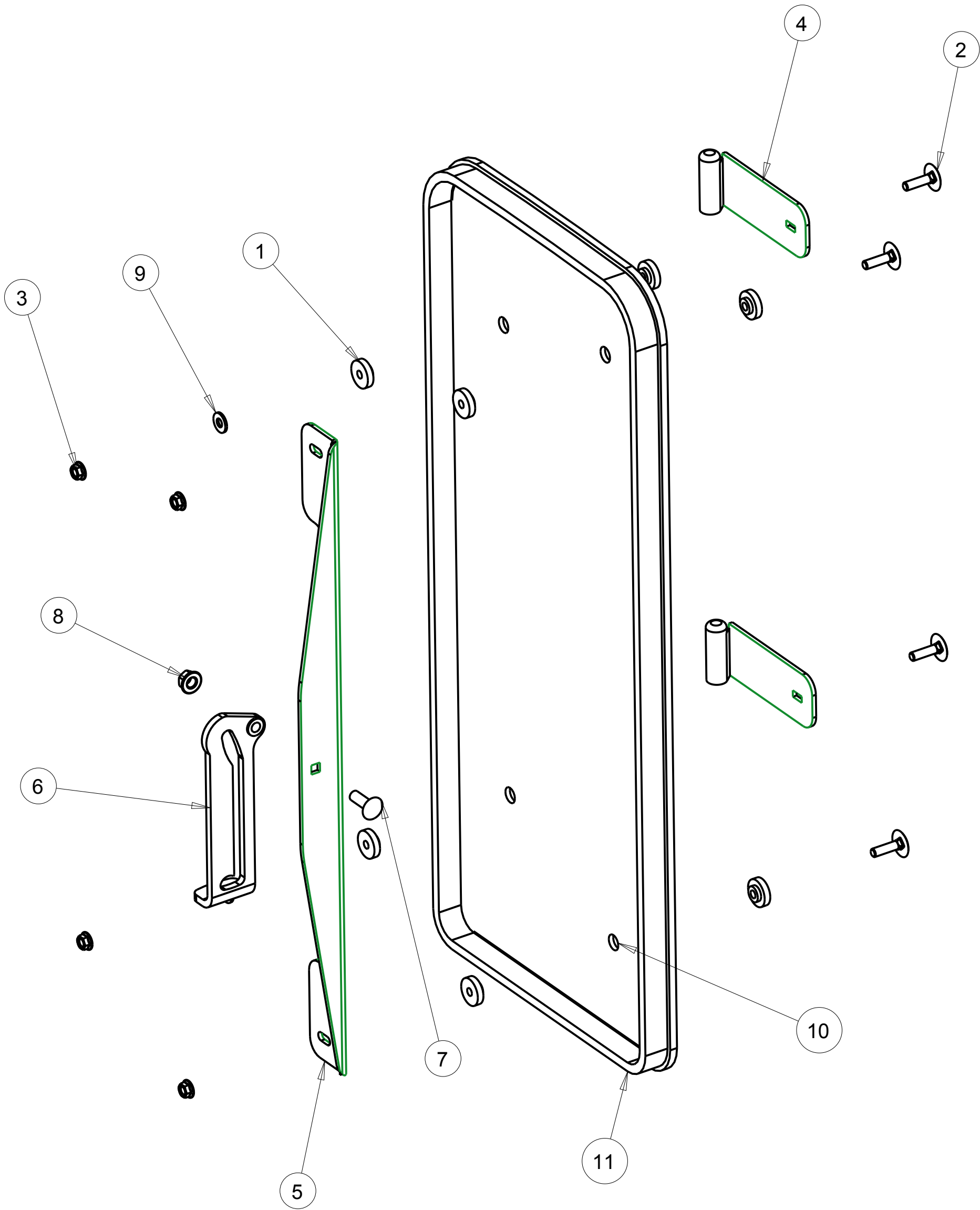
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Tektite Manufacturing Inc. 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada				
Req'd:	CNC:	Description: Right Door Assembly		
Drawn By: Daryl Furkalo	Date: 2013-09-23	Units: Imp.	File Name: JD1023-ASM-O6R_OP	
Checked By:	Date:	Size: B		



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	A00-0044	TEKT-ASM-002	Side Window Hinge Weldment	2
5	A00-0045	TEKT-0004	Side Window Slider Bracket	1
6	A00-0057	TEKT-0020MIR	Side Window Latch, L60776	1
7	A00-0058	CARRIAGE_BOLT-5-16X1	Bolt, Carriage, 5/16"x 1", YD	1
8	A00-0059	FLANGE-NUT-5-16	Flange Nut, 5/16", YD	1
9	A00-0119	WASHER_1-4	Washer, Flat, 1/4"	2
10	J11-0004	JD1023-018	Side Window Glass	1
11	J11-0009	JD1023-076	Side Window Weatherstripping	1



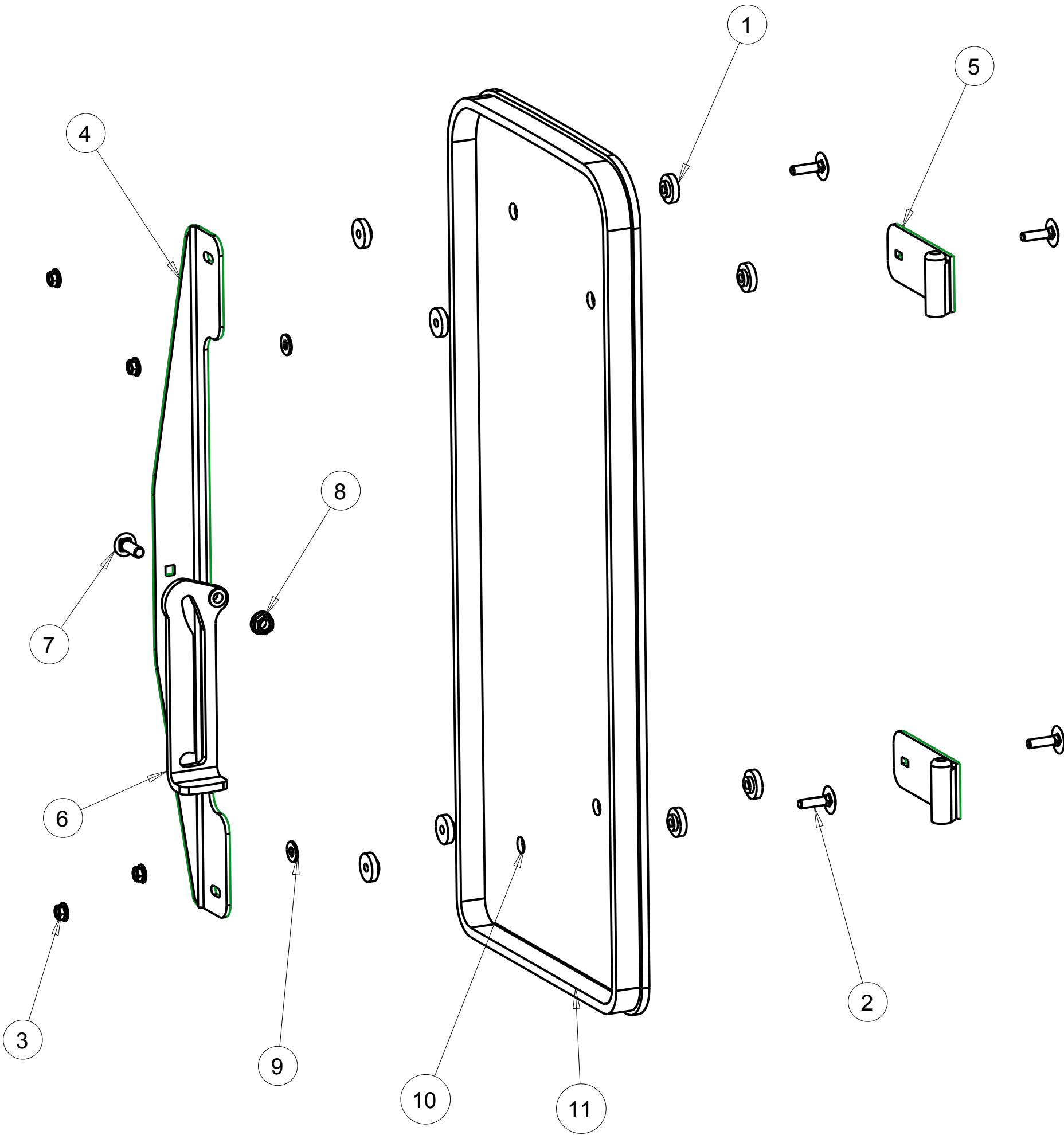
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Tektite Manufacturing Inc. 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada				
Req'd:	CNC:	Description: Left Side Window Assembly		
Drawn By: Daryl Furkalo	Date: 2011-12-19	Units: Imp.	File Name: JD1023-ASM-08_OP	
Checked By:	Date:	Size: B		

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	A00-0045	TEKT-0004	Side Window Slider Bracket	1
5	A00-0046	TEKT-ASM-002R	Side Window Hinge Right	2
6	A00-0056	TEKT-0020	Side Window Latch, L60775	1
7	A00-0058	CARRIAGE_BOLT-5-16X1	Bolt, Carriage, 5/16"x 1", YD	1
8	A00-0059	FLANGE-NUT-5-16	Flange Nut, 5/16", YD	1
9	A00-0119	WASHER_1-4	Washer, Flat, 1/4"	2
10	J11-0004	JD1023-018	Side Window Glass	1
11	J11-0009	JD1023-076R	Side Window Weatherstripping	1



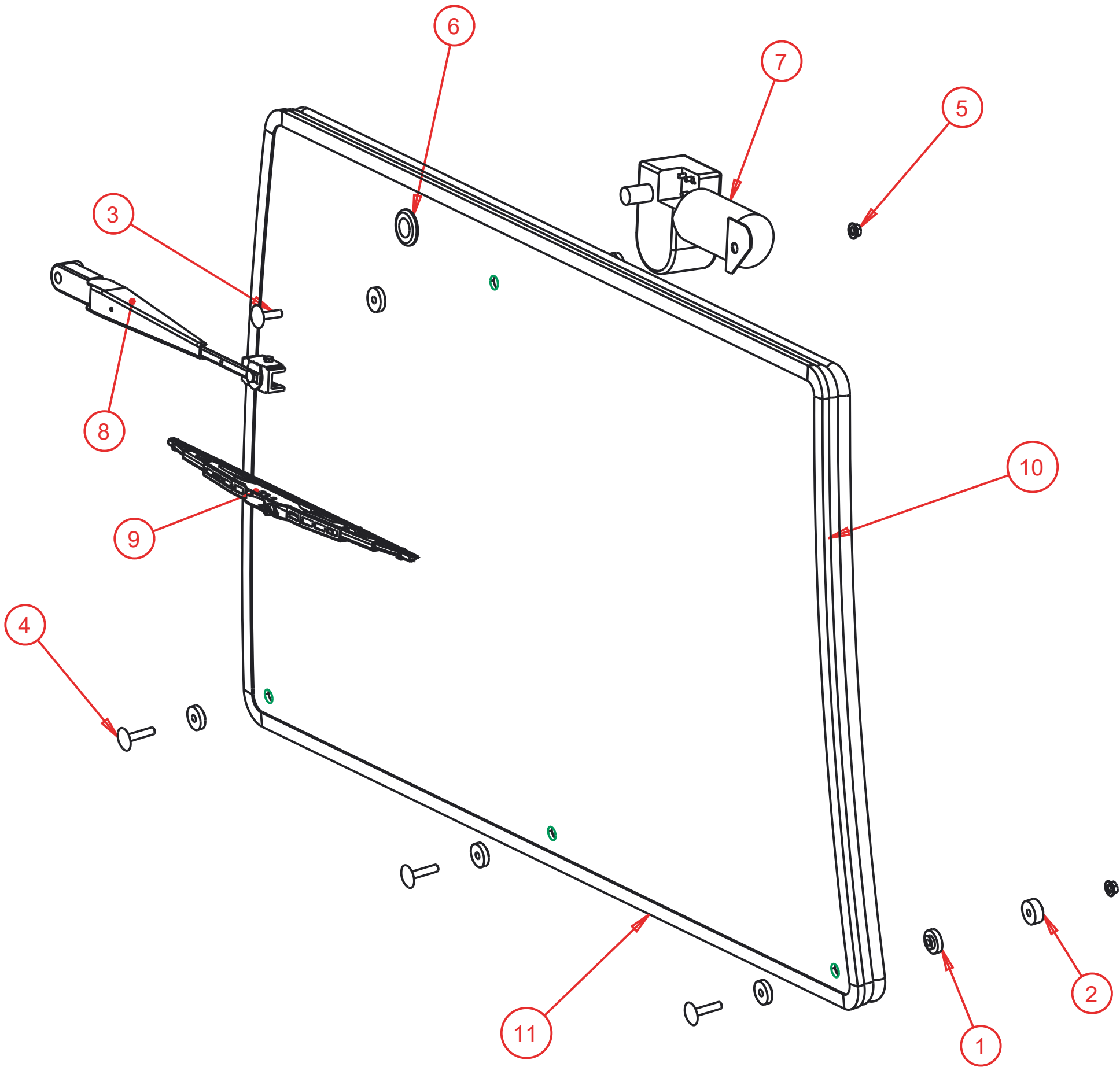
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Tektite Manufacturing Inc. 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada				
Req'd:	CNC:	Description: Right Side Window Assembly		
Drawn By: Daryl Furkalo	Date: 2011-12-19	Units: Imp.	File Name: JD1023-ASM-O8R_OP	
Checked By:	Date:	Size: B		

Index	Service Part #	File Name	Description	Qty
1	A00-0013	TEKT-0009	5MM Bushing	8
2	A00-0014	THICK-BUSHING	8MM Bushing	3
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	3
5	A00-0021	FLANGE-NUT-1-4	Flange Nut, 1/4", YD	4
6	A00-0033	315-080	Rear Wiper Shaft Grommet	1
7	A00-0043	WWF-MOTOR	WWF Wiper Motor, 1" Shaft	1
8	A00-0263	TEKT-ASM-039	WWF, Adjustable Radial Arm, 13 1/2" Length	1
9	A00-0464	TEKT-ASM-070	Wiper Blade, 14", 2020 Update	1
10	J11-0002	JD1023-026	Windshield Glass	1
11	J11-0008	JD1023-078-	Front Window Seal	1



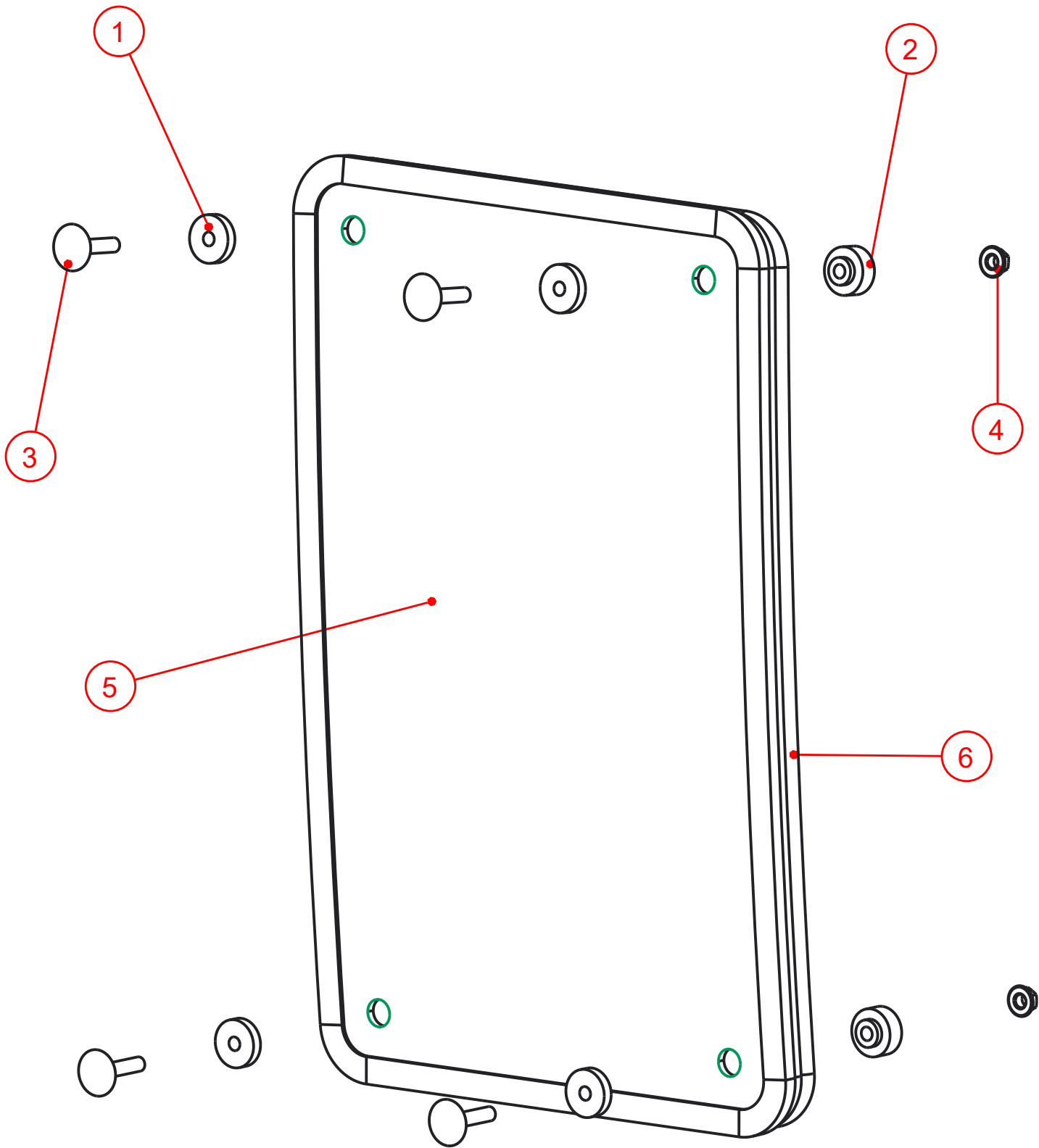
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Tektite Manufacturing Inc. 427 Buffalo Street, Winkler MB, R6W 4A8, Canada				
Req'd:	CNC:	Description: Windshield Assembly		
Drawn By: Daryl Furkalo	Date: 2020-10-13	Units: Imp.	File Name: JD1023-ASM-18_OP	
Checked By:	Date:	Size: B		

Index	Service Part #	File Name	Description	Qty
1	A00-0013	TEKT-0009	5MM Bushing	4
2	A00-0014	TEKT-0092	Thick 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	J11-0005	JD1023-030	Lower Front Glass	1
6	J11-0058	JD1023-170-	Lower Window Seal	1



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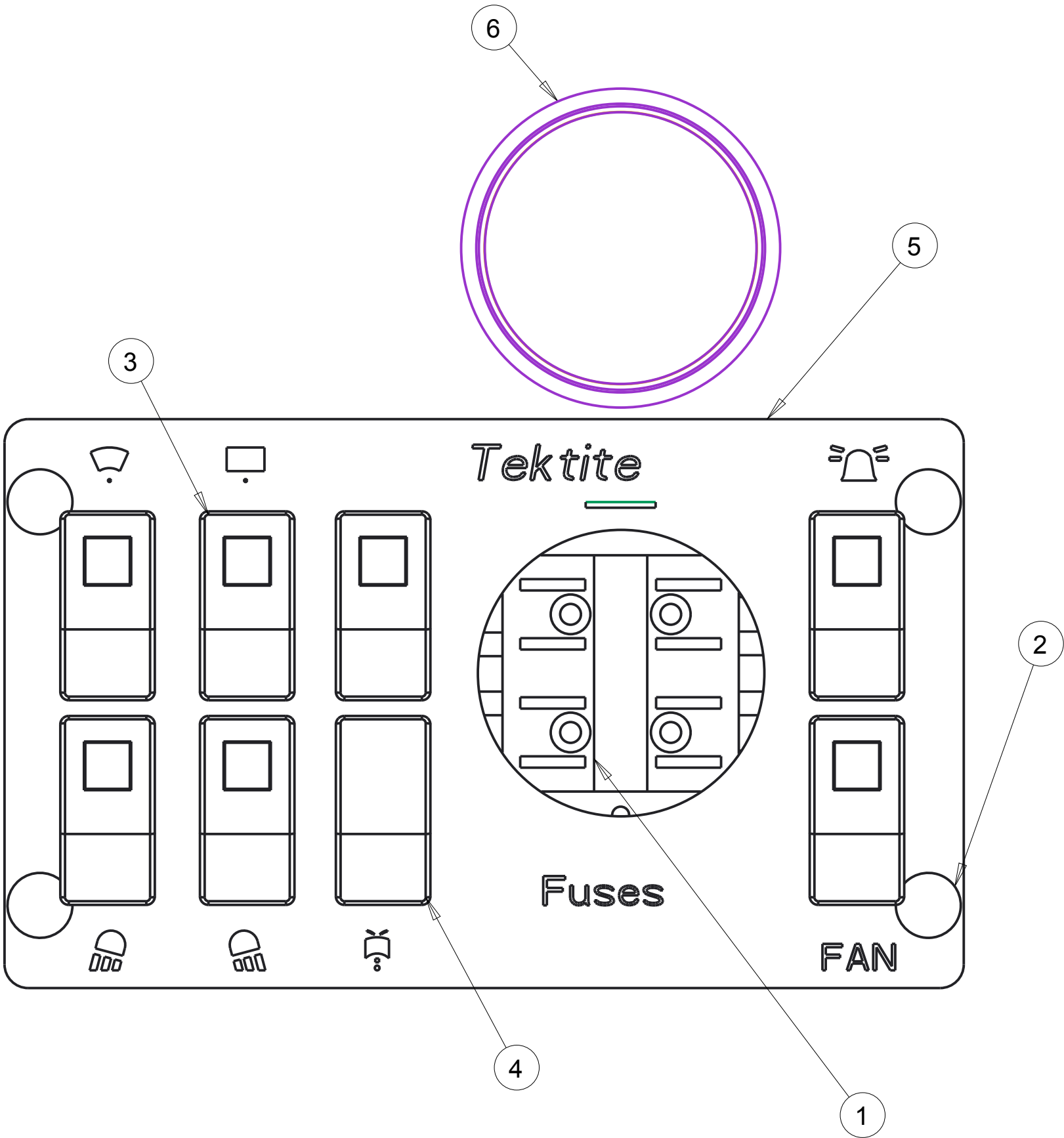
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Tektite Manufacturing Inc. 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada					
Req'd: <b>L&amp;R</b>	CNC:	Description: <b>Lower Front Glass Assembly</b>			
Drawn By: <i>Daryl Furkalo</i>	Date: 2017-09-08	Units: <b>Imp.</b>	File Name: JD1023-ASM-79_OP		
Checked By:	Date:	Size: <b>B</b>			



Index	Service Part #	File Name	Description	Qty
1	A00-0024	BUSS-15600-08-11	Power Block/Ground	1
2	A00-0055	TEKT-0019	Fir Tree Fastener	4
3	A00-0065	TEKT-ASM-005	On-Off Switch w/Lens	7
4	A00-0067	TEKT-ASM-007	Mom-Off-Mom Rocker Switch	1
5	A00-0223	TEKT-ASM-013	Steel Top Switchplate w/Decal	1
6	A00-0224	TEKT-0104	3" Plug, Steel Top	1



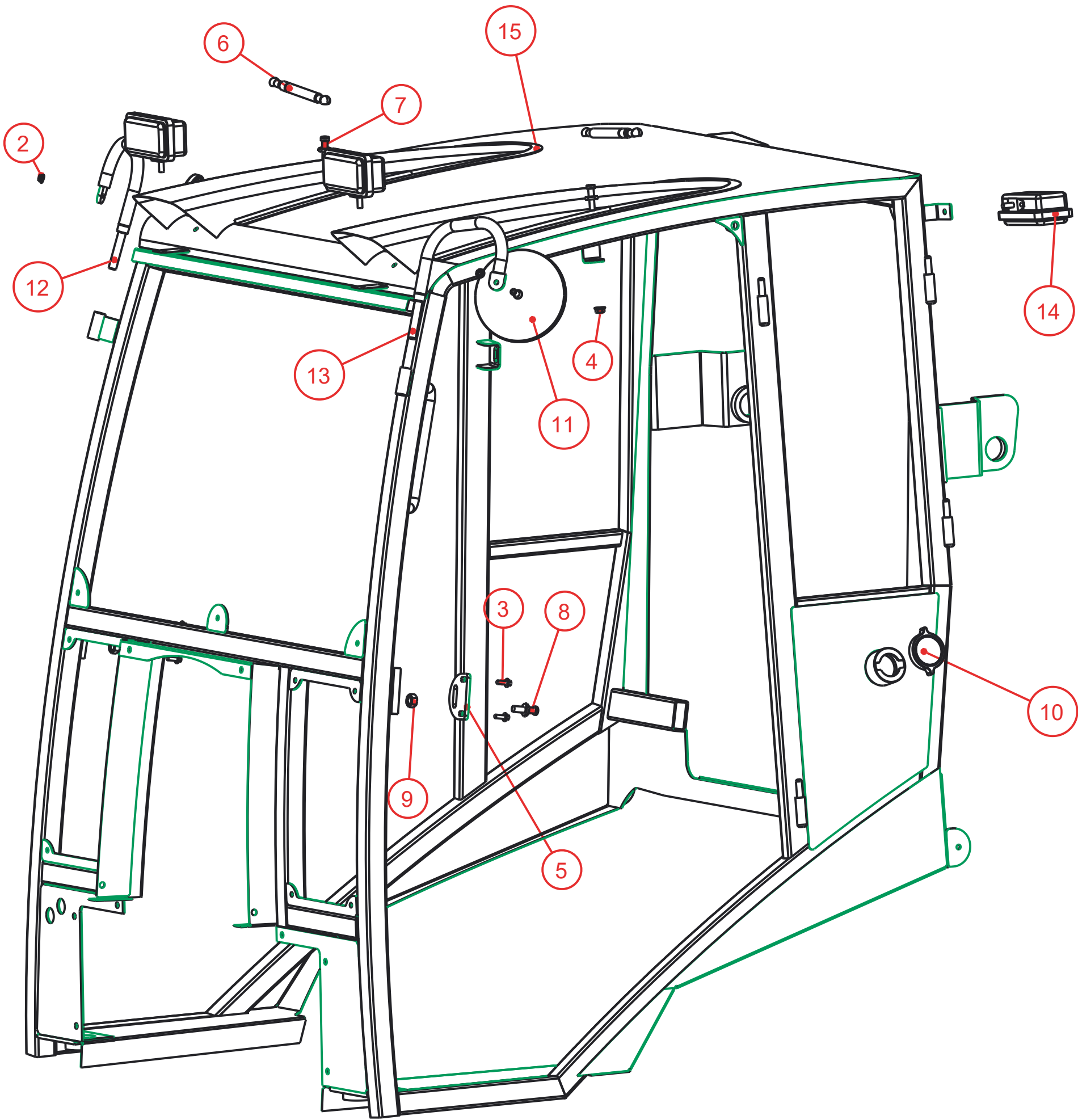
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Tektite Manufacturing Inc. 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada					
Req'd:	CNC:	Description: Steel Top Switchplate Assembly			
Drawn By: Daryl Furkalo	Date: 2013-07-05	Units: Imp.	File Name: TEKT-ASM-O27		
Checked By:	Date:	Size: B			

Index	Service Part #	File Name	Description	Qty
1		JD1023-ASM-69		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	A00-0131	TEKT-0181	External Fuel Cap	1
11	A00-0141	ROUND_MIRROR_6_INCH	External 6" Mirror	2
12	A00-0202	TEKT-ASM-009R	Right Mirror Bracket Weldment	1
13	A00-0203	TEKT-ASM-009	Left Mirror Bracket Weldment	1
14	A00-0371	TEKT-0175	New LED Work Light (Blazer Intl)	4
15	A00-0389	KUBX2380-NOSTRIL	Plastic Light Nostril	2



Tektite Manufacturing Inc.  
24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada

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Req'd: 1 req		CNC:	Description: Accessories Assembly		
Drawn By: Daryl Furkalo	Date: 2017-06-22	Units: Imp.	File Name: JD1023-ASM-90		
Checked By:	Date:	Size: B			