

### John Deere 1600 Series 2 ROPS Cab

\* Shown with optional equipment \*



### John Deere 1600 Turbo ROPS Cab

This ROPS cab is designed and built to fit the John Deere 1600 Turbo Series 2.

**Designed and Built by:** 

**Tektite Manufacturing Inc:** 

**Box 639** 

**427 Buffalo Street** 

Winkler, MB

**R6W 4B2** 

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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 1600 Turbo Series 2 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 |
|--|-----|
| Rear Cab Mounting Brackets                   | L&R |
| Front Cab Mounting Brackets                  | L&R |
| Flat Structural Washer, ¼" thick             | 4   |
| Chassis Isolator, Rubber, 5/8" (pre-install) | 4   |
| Bolt, Hex, 5/8" x 3", Gr. 8, YD              | 4   |
| Step Extension Bracket                       | 1   |
| Nut, Flange, 5/16"                           | 2   |
| Bolt, Flange, 5/16" x 1 1/2"                 | 2   |
| Nut, Flange, 5/8", Gr. 8, YD                 | 4   |
| Bolt, Flange, M12 x 35 x 1.75, Gr. 10.9, YD  | 3   |
| Nut, Flange, M12 x 1.75, Gr. 10.9, YD        | 1   |
| Left Under Fuel Tank Shield                  | 1   |
| Floormat, operator platform                  | 1   |
| Bolt, Hex, 1/2" x 4 1/2", Gr. 8              | 2   |
| Cab Lift Brackets                            | 2   |
| Shrink Wrap for Wire                         | 1"  |
| Wire Loop Yellow, ¼"                         | 2   |
| Zip Ties, Standard                           | 4   |
| Fuel Hose Elbow, 1-3/4" Cut off One Side     | 1   |

## Parts List Optional Components:

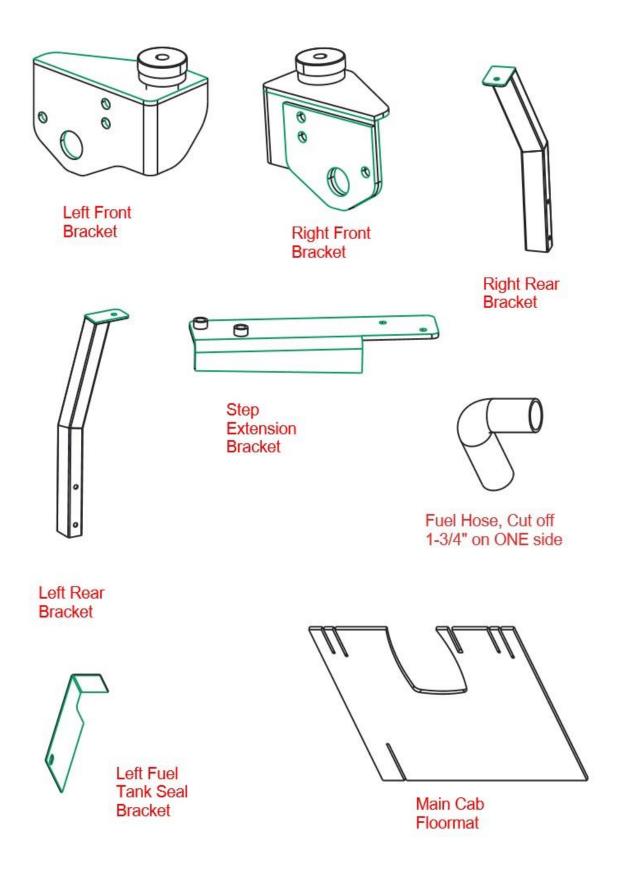
## <u>Heater</u>

| Description                          | Qty      |
|--------------------------------------|----------|
| Straight fitting, 3/8NPT x 3/8" barb | 1        |
| Elbow fitting, 3/8NPT x 3/8" barb    | 1        |
| HS-6 hose clamps                     | 2        |
| 3/8" ID heater hose                  | 19' Long |

## **Air Conditioning**

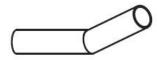
| Description  | Qty.  |
|--|-------|
| Compressor, Rear Port                              | 1     |
| Alternator Mounting Bracket                        | 1     |
| V-Belt, 35 3/8"                                    | 1     |
| V-Belt, 41 7/8"                                    | 1     |
| Flange Bolt, M6 x 45, YD, Gr 10.9 (19m8321)        | 4     |
| Fan Spacer, 1/2" Thick                             | 1     |
| Tube Spacer Schedule 40, 3/8" Long, CRITICAL       | 1     |
| Tube Spacer Schedule 40, 5/8" Long, CRITICAL       | 1     |
| Bolt, Flange, 3/8" x 1 1/2"                        | 1     |
| Bolt, Flange, 3/8" x 2"                            | 1     |
| Nut, Flange, 3/8"                                  | 2     |
| Bolt, Hex, M10 x 100, Gr. 8.8, FULL THREAD         | 1     |
| Radiator Hose 150 Degree Elbow Weldment            | 1     |
| Bolt, Flange, M8 x 20, Gr. 8.8                     | 2     |
| Bolt, Flange, M8 x 16, Gr. 8.8 (Do not substitute) | 1     |
| Hose Clamp, HS-24                                  | 2     |
| Pre-made Wire Extensions (4 total)                 | 1 set |
| Shrink Wrap for Wire                               | 6"    |
| Zip Ties, Standard                                 | 4     |
| Female Bullet, Blue                                | 1     |











150D Radiator Hose Elbow



Fan Spacer



Short Tube Spacer 3/8" Length



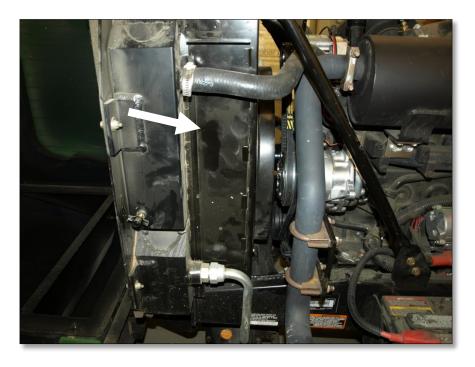
Long Tube Spacer 5/8" Length



If air conditioner option has been ordered, compressor installation can be done independent of cab install.

#### **Optional Air Conditioner Installation Instructions:**

- 1. Disconnect the battery.
- 2. Disconnect the alternator harness plug from the back of the alternator.
- 3. The wire harnesses going to the alternator needs to be extended. Take the provided red, black, yellow and brown wires, along with the shrink wrap provided and cut and extend the corresponding matching colour wire on the harness. Going one wire at a time, cut, then solder and shrink wrap the joining point. Wire loops are pre-installed by Tektite on the main 12GA red and black wires.
- 4. Un-bolt the alternator tensioner to remove belt tension, and then un-bolt and remove the alternator. Loosen tensioner bracket, but do not remove.
- 5. Un-bolt the three exhaust U-bolts and remove. Pull the tail pipe off of the end of the muffler and temporarily remove the tail pipe to provide additional access.
- 6. Locate the radiator shroud access panel and pull up to remove.



7. Using the access provided with the removal of the radiator shroud access panel, un-bolt the main fan pulley, secured with four M6 x 12 fasteners.

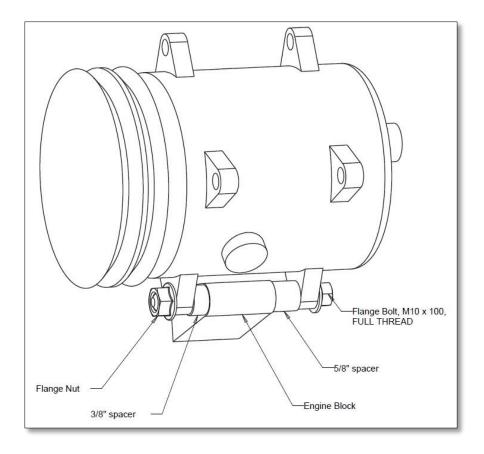


- 8. Slip new main drive belt into position while the fan is removed.
- 9. Take the provided fan spacer plate and install it between the outside fan spacer and the fan pulley, ensure the grooves fit in properly. Use the provided M6 x 45 flange bolts and re-fasten fan pulley.
- 10. Take the alternator, along with the provided 3/8" x 2" flange bolt and nut along with the alternator bracket. Bolt the alternator to the bracket with the tensioner side of the alternator on the appropriate side of the bracket.
- 11. Locate the two M8 tapped holes in the valve cover. Take the provided M8 x 20 flange bolts along with the alternator mounting bracket and fasten into place. Use the other M8 x16 bolt for the front support.



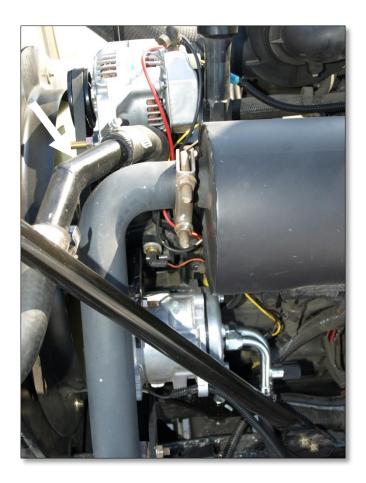
- 12. Remove the M10 stud from where the alternator was originally fastened.
- 13. Follow schematic for proper bolt alignment procedure. Locate the two tube spacers, M10 flange nut, and M10 x 100 flange bolt FULL THREAD. The bolt MUST be started from the front side and go through the compressor flange, long spacer, engine block, short spacer, compressor flange, and then into the flange nut. WARNING: Take your time installing bolt to ensure that you do not cross-thread it!





- 14. Slip the main drive belt around the inner pulley on the compressor, around the fan pulley and main drive pulley below.
- 15. Slip the shorter alternator drive belt around the outer compressor pulley and the alternator.
- 16. Use the factory alternator tensioner plate to apply belt tension on the compressor belt loop and tighten M10 compressor mount fastener first, then tighten the tensioner bracket next.
- 17. Due to tight spacing between muffler and upper radiator hose, an elbow fitting must be installed. Partially drain the engine coolant to allow cutting of the upper radiator hose. Note the kink that is beginning beside the alternator, make first cut here and remove a total of 4 1/2" of the upper radiator hose.
- 18. Take the large HS-24 hose clamps and slide onto upper radiator hose on each side of cut. Slide radiator elbow fitting between the cut radiator hoses, ensuring tail pipe will be near steel of elbow fitting only. Tighten hose into place with the HS-24 hose clamps.





- 19. Re-install the tail pipe onto the muffler and use the factory U-bolts to fasten tail pipe into place.
- 20. Re-install the radiator access shroud access panel removed earlier.

The balance of air conditioner installation can only be completed after the cab is installed. Please proceed with cab installation.

#### **Installation Instructions:**

- 21. Un-bolt and remove the shield between the lower 2-post ROPS sockets fastened to the front of the hood.
- 22. Un-bolt and remove the left and right 2-post ROPS socket shields.
- 23. Un-bolt and remove the 2-post ROPS assembly. It will be necessary to raise the wing deck on the side you are removing fasteners from in order to get adequate access to the mounting bolts.

- 24. Drop the front and side wing decks to mowing position, and park the mower in a well ventilated area with access to overhead hoist or fork lift.
- 25. Take the left under fuel tank shield and proceed to the left side of the operator platform. Locate the outer right flange bolt on the vertical face of the seat platform and remove. Take the shield and slide into position underneath the fuel tank and against the seat box and side fender, fit will be snug. Re-use fastener removed earlier and bolt into place.



26. Take the left rear bracket and slide into the left 2-post ROPS socket and fasten with the factory hardware. Loosely attach only.



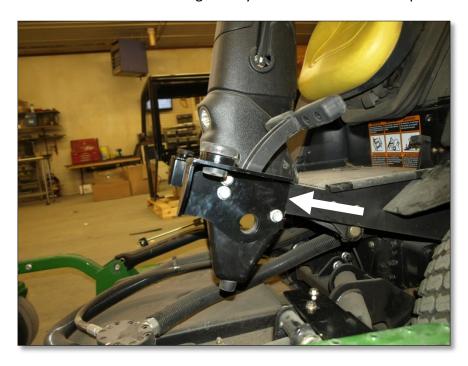
27. Take the right rear bracket and slide into the right 2-post ROPS socket and fasten with the factory hardware. Loosely attach only.

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28. Take the right front bracket and fasten to the front operator platform as shown below. Use the provided M12  $\times$  35 flange bolts for the front fasteners and flange bolt and nut for the rear fastener.



29. Un-bolt the front deck stop bracket on left front of operator foot platform and place the left front bracket outside of it. Use the existing factory hardware and bolt into place.



30. Un-bolt the step plate located on the front deck.

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- 31. Take the provided step extension bracket and fasten into place where step used to mount onto the front deck with the factory original fasteners.
- 32. Take the two provided 5/16" x 1 1/2" flange bolts and nuts and fasten the step plate to the extension bracket plate.

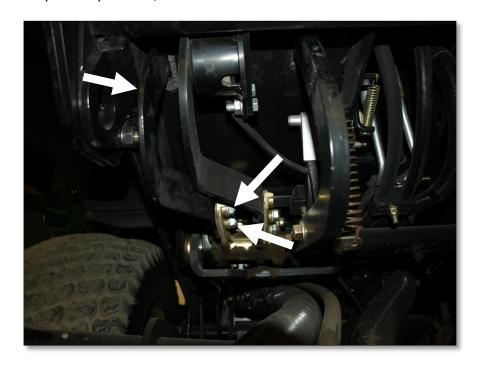


33. Un-bolt and remove the outer left brake pedal from the from the mount underneath the operator platform, M8 x 25 fasteners.



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34. Un-bolt and remove the outer right reverse traction pedal from the from the mount underneath the operator platform, M8 x 25 fasteners.



35. Open left cab door and un-clip the door gas shock. 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. Lift shock up off of shock pin, and remove the left door by lifting straight up. Remove the right door using the same procedure.



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- 36. Un-bolt and remove the rear removable cab shield.
- 37. Take one of the cab lift brackets along with a  $1/2 \times 4 \cdot 1/2$ " hex bolt and bolt the lift bracket to the weld nut located behind the tab at the top rear corner of the door opening on the left side. Repeat for the right side.
- 38. Attach a lift strap or chain to both lifting brackets over top of the roof of the cab and connect to an over-head hoist or forklift.
- 39. Un-bolt the shipping pallet from the cab and lift up off of the shipping pallet.
- 40. Position the cab directly over the machine above the operator platform and slowly lower the cab down onto the front and rear mounting brackets.
- 41. For the rear mounts, use the provided 5/8" x 3" hex bolt, heavy flat washer through the top of the cab mount, and then the 5/8" flange nut underneath the mounting bracket plate. For the front mounts, use the 5/8" x 3" hex bolt through the cab mount and isolator, then the heavy flat washer and flange nut from underneath the bracket.
- 42. As soon as all mounting bolts are started, you can apply final mount torque. For the 5/8" ROPS fasteners, use 205 ft-lbs, for the M12 bolts use 98 ft-lbs.
- 43. Remove lift strap/chain from over-head hoist/forklift. Un-bolt and remove the left and right cab lift brackets and bolts. Store for future use if you intend to remove the cab in the future.
- 44. Re-install the outer reverse traction pedal and the outer brake pedal.
- 45. Locate the wire harness at the rear corner of the cab and route the harness into the hood area around the lift arm and up and underneath the hood opening gap on the side. Use the provided zip ties to anchor the harness and prevent it from interfering with moving parts on the mower.
- 46. Connect the heavy red wire to constant 12v power (battery positive) with provided 1/4" loop connector. Solder connector to wire. Connect the heavy black wire to ground (battery ground) with provided 1/4" loop connector. Solder connector to wire. Connect the orange wire to a key switch activated terminal on the alternator. Solder the wire directly to the wire on the alternator, use provided shrink wrap on wire after solder.

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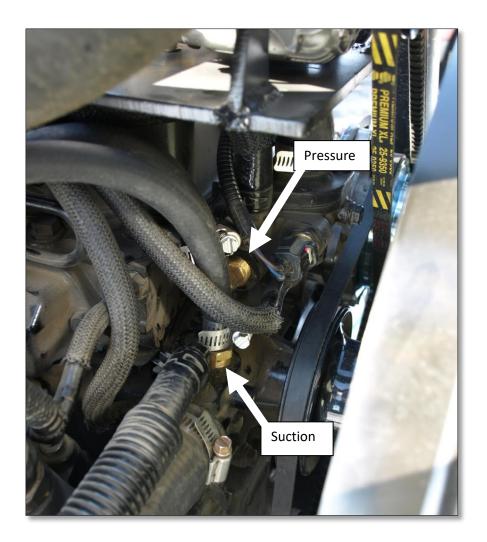


If cab is equipped with heater option, please proceed with the following steps.

47. Drain the engine antifreeze.

48. Locate the plug on the thermostat housing in a vertical plane and remove. This is the PRESSURE connection. NOTE: Use a water sealant on the threads of the fitting to ensure no water leakage. Take the provided 3/8 NPT x 3/8" barb elbow fitting and install into the open port.





- 49. Locate the plug on the water pump housing in a horizontal plane and remove. This is the SUCTION connection. NOTE: Use a water sealant on the threads of the fitting to ensure no water leakage. Take the provided 3/8 NPT x 3/8" barb straight fitting and install into the open port.
- 50. Locate the hoses on the left rear corner of the cab. The hose BESIDE the rear window is the PRESSURE hose. PLEASE NOTE that correct connection of the hoses to the proper fitting IS extremely important to prevent the water valve from leaking in the cab. The flow MUST be in the correct direction!
- 51. Route the hoses around the wing deck pocket and through the opening space between the side of the hood and chassis. Use the provided zip ties to secure the hoses into place and prevent them interfering with moving components on the machine.





- 52. Route the PRESSURE hose side to the pressure fitting installed earlier and cut the hose and install onto the fitting. Use the provided HS-6 hose clamp to securely fasten onto engine.
- 53. Route the other end of the hose to the suction fitting, shortening hose if necessary and connect to fitting, using the provided HS-6 hose clamp.
- 54. Once all fittings are tightened, engine coolant can be re-filled.
- 55. Turn the fan to the high position, open water valve control in cab fully and start engine.
- 56. Run engine at high speed to increase the coolant temperature and force thermostat to open and start to remove airlocks that are in the coolant lines. This may take a few minutes, air coming out of vents in the cab should be very hot. To ensure heater is bleeding out air as fast as possible, consider putting a funnel into radiator cap area and fill funnel with coolant. When the thermostat opens, it will suck the coolant into the system.

#### Heater installation is now complete!

57. Remove the diesel fuel cap. Take some Teflon tape and wrap around the threads of the fuel tank fill port. Keep wrapping around until the large bumps of the thread are smoothed out, this

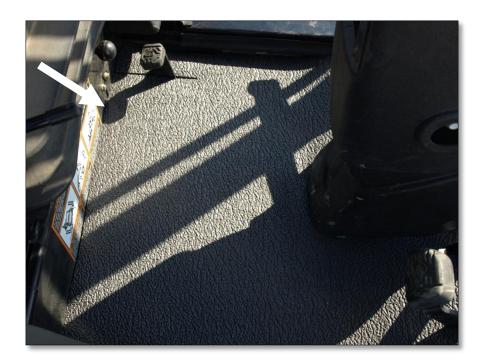
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will the fuel hose to fit nice and tight. Take the fuel hose elbow and push down over the fuel tank threads. Use the provided HS-36 hose clamp to securely fasten the elbow to the tank. Connect the opposite end to the cab and use HS-36 hose clamp to tighten onto cab.



58. Take the main cab floormat and position onto the operator foot platform around the centre console and pedals. Ensure that all pedals have full travel clearance, notching floormat if necessary. Use aerosol spray glue, 3M High Strength 90 recommended, to glue floormat into place.



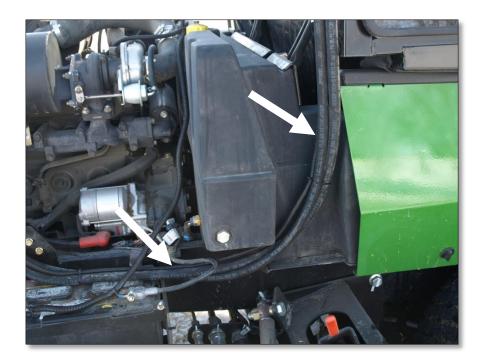


- 59. Take the rear shield removed earlier and re-install onto cab.
- 60. Take ensure a better seal of all weather stripping and floor mat pieces, it is recommended that you use a black silicone seal to seal the cab parts to the tractor.

Air conditioner installation can now be completed

61. Route the air conditioner hoses located at the right rear corner of the cab around to the engine bay. The hoses will slide by the pocket on the side of the machine and then under the opening between the hood and the chassis. Use the provided zip ties to secure hoses and prevent them from interfering with machine components.





- 62. Route hoses towards compressor, ensure O-ring is seated in # 10 fitting, and install # 10 hose onto # 10 fitting on the compressor.
- 63. Ensure the O-ring is seated in # 8 fitting and install remaining hose onto compressor.
- 64. Take the cab compressor clutch wire that is with the hoses and install onto the bullet on the compressor.

The air conditioning system is now ready for evacuation and pressurization. A licensed air conditioner installer must perform the install. The air conditioning system is designed to use 2 lbs of R134a coolant. The compressor is pre-filled with oil.

### John Deere 1600 Turbo Series 2 Cab

\* Shown with optional equipment \*



### John Deere 1600 Turbo Series 2 Cab

This ROPS cab is designed and built to fit the John Deere 1600 Turbo Series 2.

**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.

# June 2021© John Deere 1600 Turbo Series 2 ROPS Operation Manual

Tektite Manufacturing Incorporated thanks you for purchasing a John Deere 1600 WAM Turbo Series 2 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;
- 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 mower.
- 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 mower 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 mower. There is a danger of tripping or falling on protruding parts.
- 8. Use steps and hand holds when mounting and dismounting the mower, 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 mower controls while sitting in the operator's seat.
- 2. Lock seat in position and buckle seat belt before operating the mower.
- 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 mower smoothly, avoid abrupt starts and stops.
- 6. Keep all shields in place when operating the mower.
- 7. Do not operate the mower when you are tired, sick, or impaired.
- 8. Never operate the mower 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 mower 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 mower 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 mower 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 mower.
- 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 mower 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 mower 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 mower 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 mower 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 mower 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 mower manufacturer. Mount them in a readable location at, or near, their original location before operating the mower.
- 3. New ROPS decals and mower decals are available from your mower 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 mower in not equipped with seat belts, purchase approved seat belts from the mower manufacturer or Tektite prior to operating the mower.
- 4. Always fasten seat belts prior to operating the mower.
- 5. Always operate the mower 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 mower.
- 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 mower model that the ROPS is not designated for (compatible mower 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 mower 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.

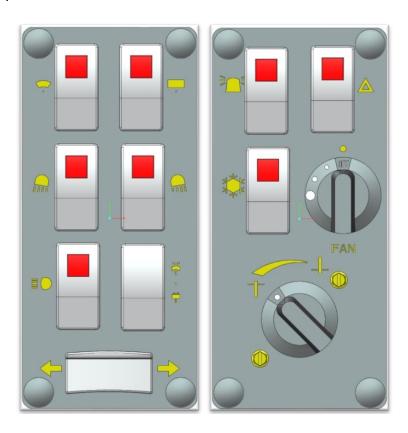


### **Operating Instructions**

#### **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 mower. Failure to do so may result in unsafe operation of the mower 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

# June 2021© John Deere 1600 Turbo Series 2 ROPS Operation Manual

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 mower equipped with a Tektite ROPS cab:

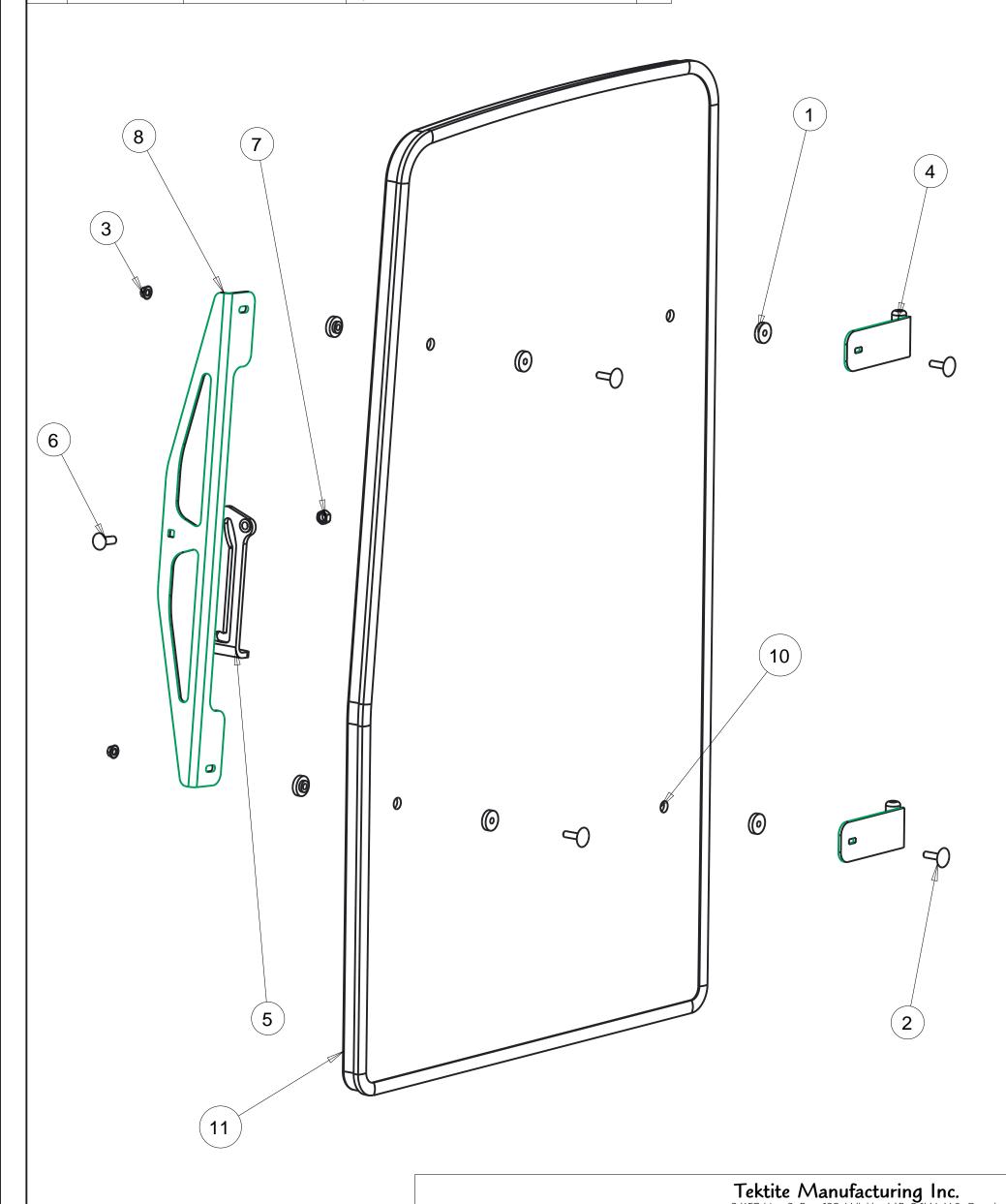
- 1. Clear the operator platform of all tools. Tools left in or around the ROPS and mower can cause operator interference which could lead to bodily injury and/or damage the machine.
- 2. Inspect the ROPS and mower to ensure all bolts are tight and re-tighten if required.
- 3. Ensure that all pedals, levers, and controls have adequate clearance for normal operation.
- 4. Ensure that all electrical components of both the ROPS and mower 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     | A00-0013       | 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       | HEX-NUT-5-16         | Hex, Nylon Locking Nut, 5/16", YD  | 1   |
| 8     | A00-0087       | TEKT-0028            | Side Window Slider Bracket 2" tube | 1   |
| 9     | A00-0119       | WASHER_1-4           | Washer, Flat, 1/4"                 | 2   |
| 10    | J03-0006       | JDWAM-042            | Right Side Window                  | 1   |
| 11    | J03-0014       | JDWAM-088            | Right Side Window Seal             | 1   |





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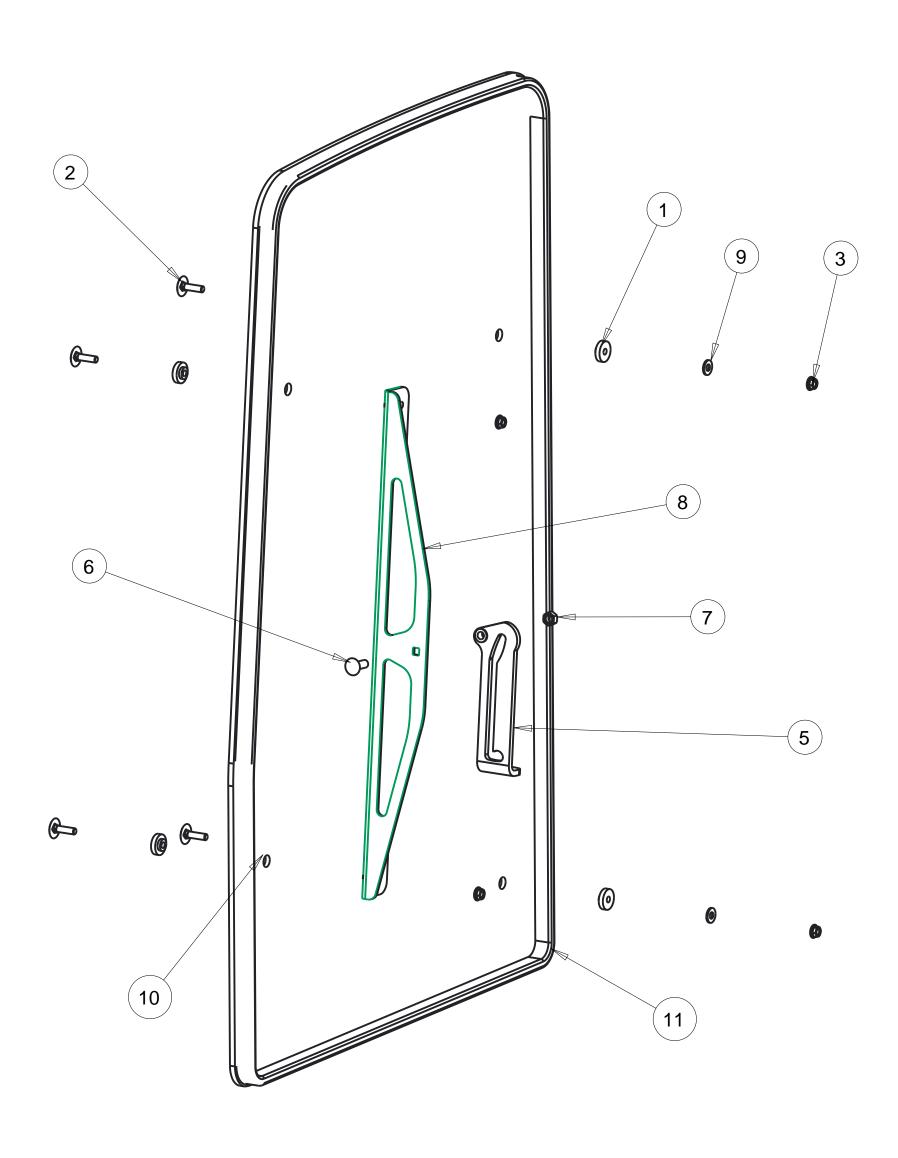
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|               |            |              | 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada |
|---------------|------------|--------------|---|
| Req'd:        | CNC:       | Description: |   |
| 1 req         |            | Righ         | t Side Window Assembly                            |
| Drawn By:     | Date:      | Units:       | File Name:  |
| Daryl Furkalo | 2013-03-25 | Imp.         | JDWAM-ASM-015_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     | A00-0046       | 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       | HEX-NUT-5-16         | Hex, Nylon Locking Nut, 5/16", YD  | 1   |
| 8     | A00-0087       | TEKT-0028            | Side Window Slider Bracket 2" tube | 1   |
| 9     | A00-0119       | WASHER_1-4           | Washer, Flat, 1/4"                 | 2   |
| 10    | J03-0004       | JDWAM-040            | Left Side Window                   | 1   |
| 11    | J03-0013       | JDWAM-087L           | Left Side Window Seal              | 1   |





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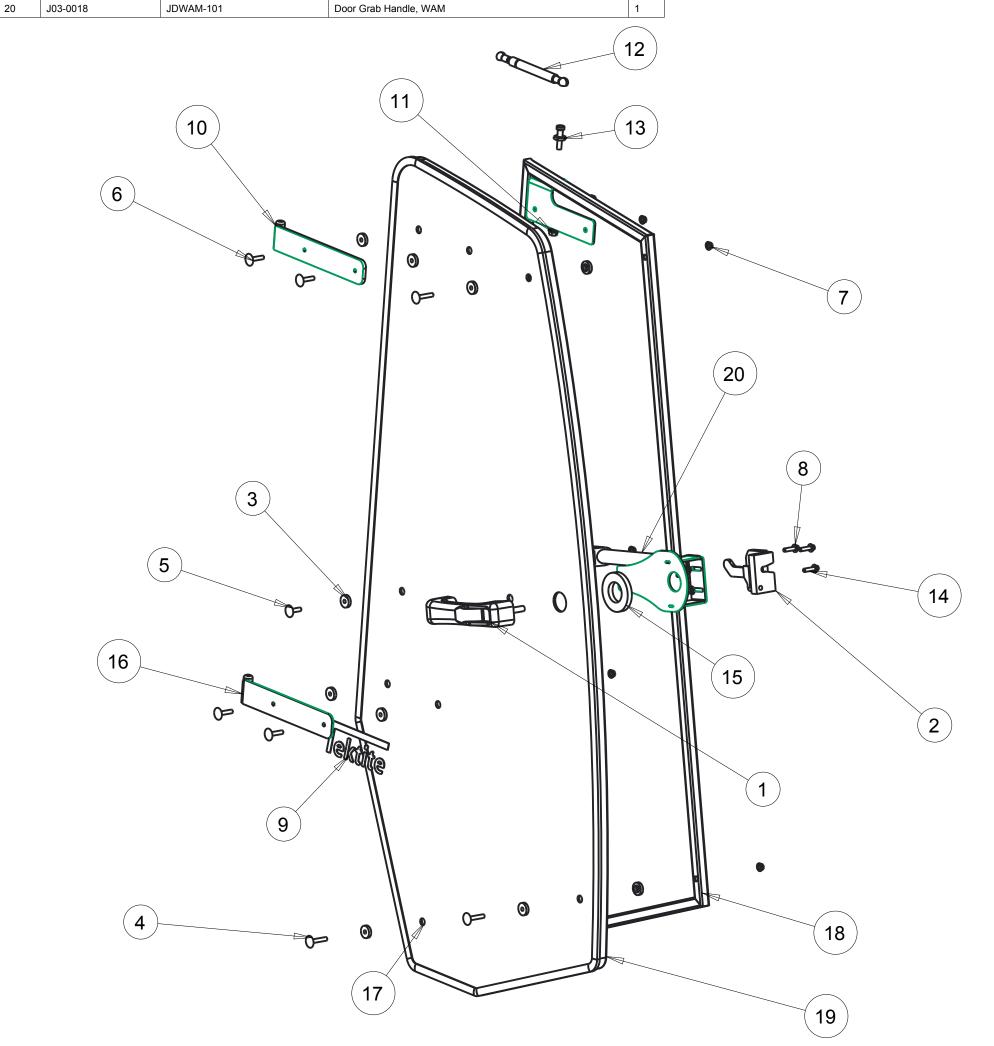
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|               |            |              |            | Tektite Manufacturing Inc.<br>24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada |
|---------------|------------|--------------|------------|---|
| Req'd:        | CNC:       | Description: | ·          |   |
| <br>1 req     |            | Left         | Side Wir   | ndow Assembly   |
| Drawn By:     | Date:      | Units:       | File Name: |   |
| Daryl Furkalo | 2013-03-25 | Imp.         | JDWAM      | -ASM-014_OP   |
| Checked By:   | Date:      | Size:        |            |   |
|               |            | В            |            |   |

| Index | Service Part # | File Name          | Description                          | Qty |
|-------|----------------|--------------------|--------------------------------------|-----|
| 1     | A00-0001       | DLP-HANDLE         | Outside Push Button Handle           | 1   |
| 2     | A00-0003       | 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     | A00-0041       | TEKTITE-DECAL      | Tektite Cab Decal - Solid White      | 1   |
| 10    | A00-0042       | TEKT-ASM-001R      | Right Cab Door Hinge Weldment, Upper | 1   |
| 11    | A00-0059       | FLANGE-NUT-5-16    | Flange Nut, 5/16", YD                | 1   |
| 12    | A00-0084       | TEKT-0070          | Gas Shock                            | 1   |
| 13    | A00-0085       | TEKT-0069          | Gas Shock Stud                       | 1   |
| 14    | A00-0118       | FLANGE_BOLT_1-4X1  | Flange Bolt, 1/4" x 1", YD           | 2   |
| 15    | A00-0177       | TEKT-0068          | Handle Washer Spacer                 | 1   |
| 16    | A00-0229       | TEKT-ASM-029R      | Right Door Hinge Weldment, Lower     | 1   |
| 17    | J03-0007       | JDWAM-043          | Right Door Glass                     | 1   |
| 18    | J03-0009       | JDWAM-ASM-009      | Right Door Frame Weldment            | 1   |
| 19    | J03-0011       | JDWAM-085R         | Right Door Seal                      | 1   |
| 00    | 100 0040       | IDIA/AAA 404       | Danis Osala Harralla MANA            | 4   |





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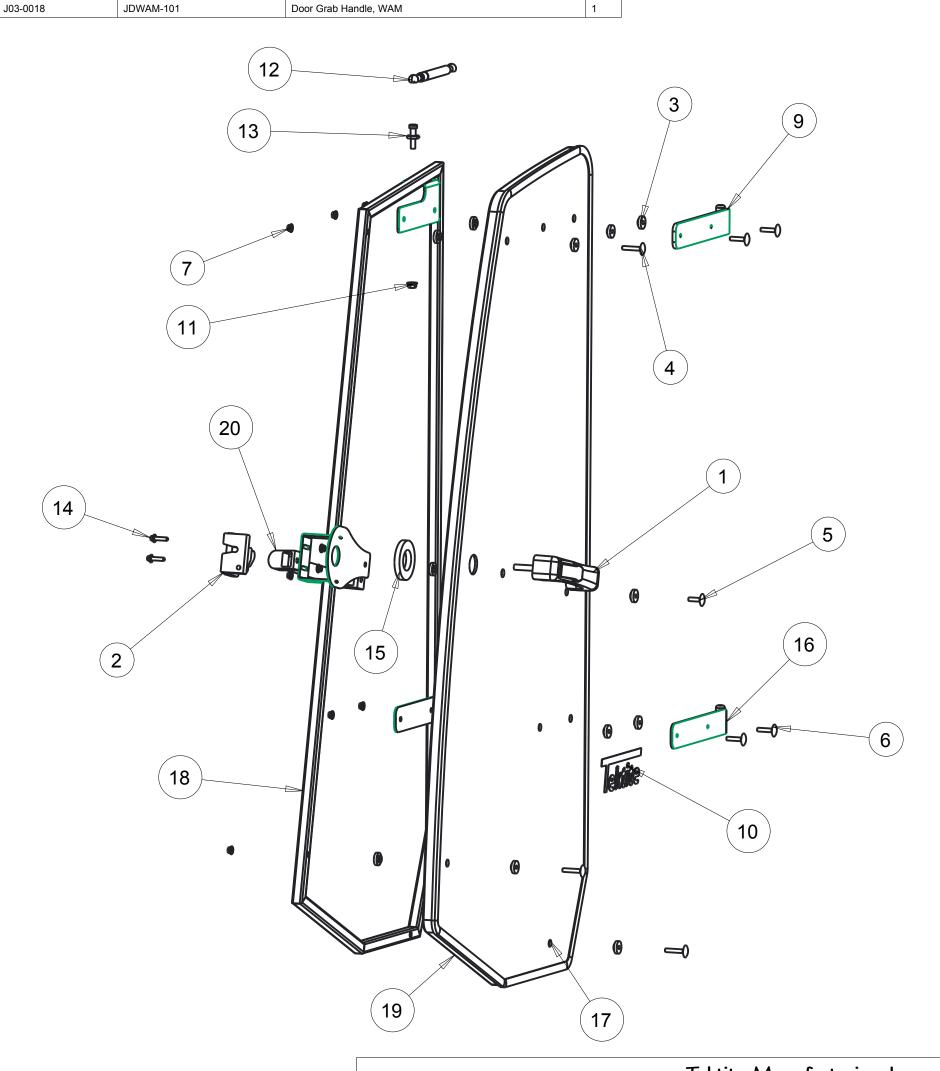
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|--------------------------|------------------|----------------------|------------|---|---|
| Req'd:                   | CNC:             | Description:<br>Righ | t Door A   | Assembly  |   |
| Drawn By:  Daryl Furkalo | Date: 2013-09-23 | Imp.                 | File Name: | M-ASM-008_OP  |   |
| Checked By:              | Date:            | Size:                |            |   |   |

| 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    | A00-0041       | TEKTITE-DECAL      | Tektite Cab Decal - Solid White | 1   |
| 11    | A00-0059       | FLANGE-NUT-5-16    | Flange Nut, 5/16", YD           | 1   |
| 12    | A00-0084       | TEKT-0070          | Gas Shock                       | 1   |
| 13    | A00-0085       | TEKT-0069          | Gas Shock Stud                  | 1   |
| 14    | A00-0118       | FLANGE_BOLT_1-4X1  | Flange Bolt, 1/4" x 1", YD      | 2   |
| 15    | A00-0177       | TEKT-0068          | Handle Washer Spacer            | 1   |
| 16    | A00-0228       | TEKT-ASM-029       | Left Door Hinge Weldment, Lower | 1   |
| 17    | J03-0005       | JDWAM-041          | Left Door Glass                 | 1   |
| 18    | J03-0008       | JDWAM-ASM-007      | Left Door Frame Weldment        | 1   |
| 19    | J03-0010       | JDWAM-084          | Door Seal                       | 1   |





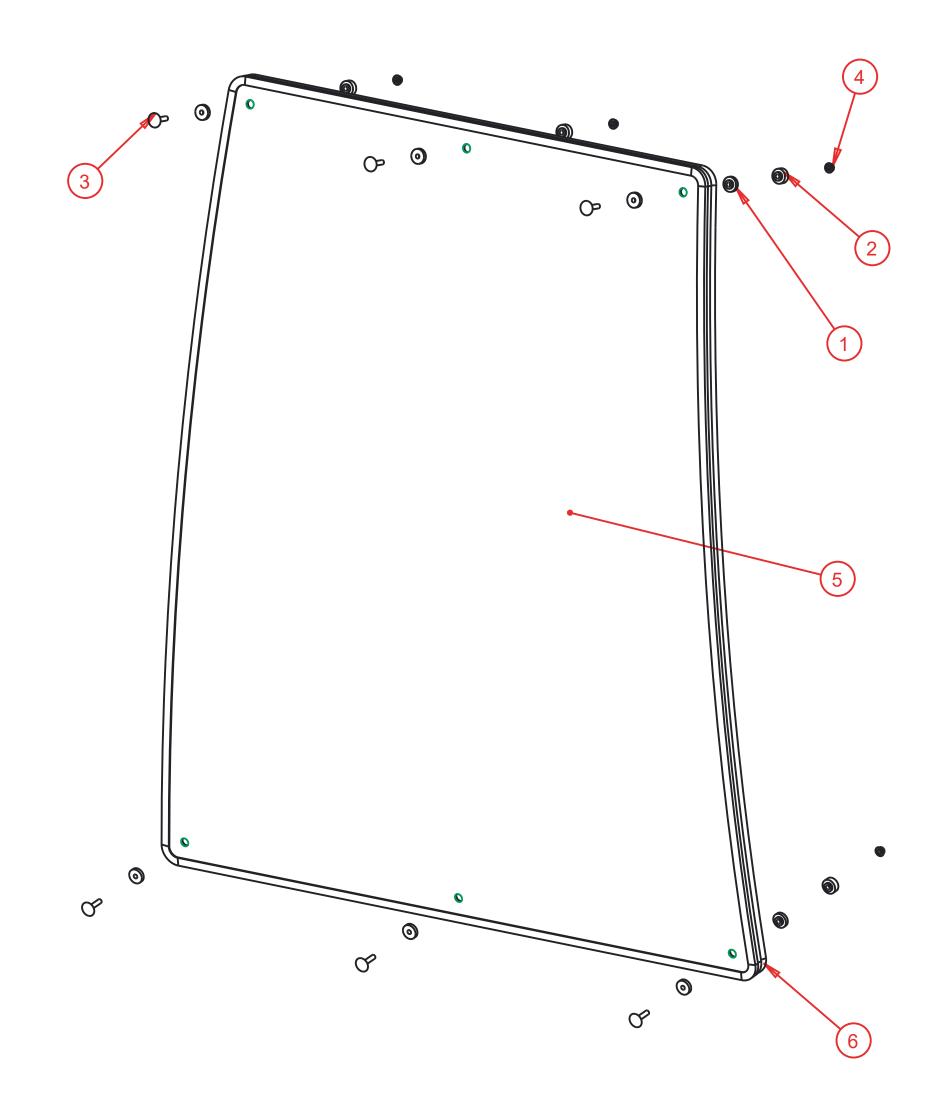
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| Tolerances:<br>Unless otherwise<br>specified      |
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| $X.X = \pm 1/16$ "<br>Angular = $\pm 1.0^{\circ}$ |

|               |            |              |            | <b>Tektite Manutacturing Inc.</b> 24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada |
|---------------|------------|--------------|------------|---|
| Req'd:        | CNC:       | Description: |            |   |
|               |            | Left         | Door Ass   | sembly  |
| Drawn By:     | Date:      | Units:       | File Name: |   |
| Daryl Furkalo | 2013-09-23 | Imp.         | JDWAM      | i-ASM-006_0P  |
| Checked By:   | Date:      | Size:        |            |   |
|               |            | В            |            |   |

| Index | Service Part # | File Name          | Description                  | Qty |
|-------|----------------|--------------------|------------------------------|-----|
| 1     | A00-0013       | TEKT-0009          | 5MM Bushing                  | 12  |
| 2     | A00-0014       | TEKT-0092          | Thick 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     | J03-0003       | JDWAM-037          | Front Window Glass           | 1   |
| 6     | J03-0015       | JDWAM-089          | Windshield Seal              | 1   |



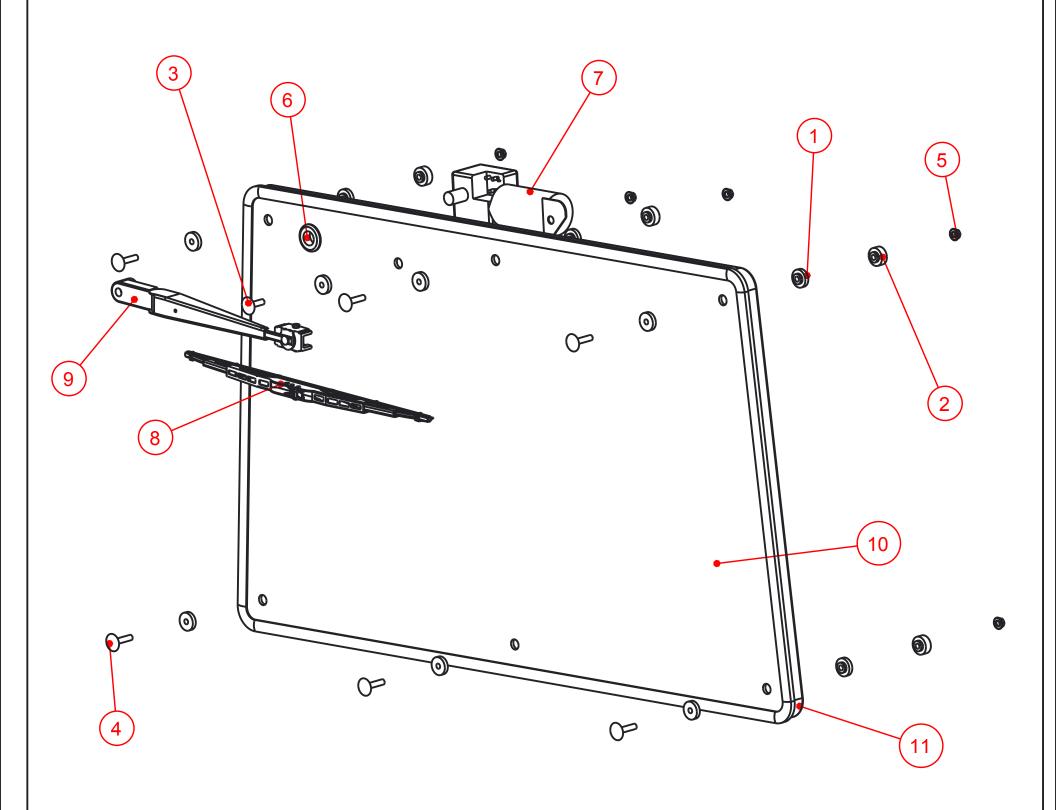


| Tolerances:                                       |
|---|
| Unless otherwise specified                        |
| $X.X = \pm 1/16$ "<br>Angular = $\pm 1.0^{\circ}$ |

| <b>Tektite Manufacturing Inc.</b><br>24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada |            |                     |            |          |  |
|--|------------|---------------------|------------|----------|--|
| Req'd: CNC: Description:   |            |                     |            |          |  |
| <br>1 req  |            | Windshield Assembly |            |          |  |
| Drawn By:  | Date:      | Units:              | File Name: |          |  |
| Daryl Furkalo  | 2017-07-18 | Imp.                | JDWAM-     | -ASM-016 |  |
| Checked By:  | Date:      | Size:               |            |          |  |
|  |            | В                   |            |          |  |

| Index | Service Part # | File Name          | Description                                | Qty |
|-------|----------------|--------------------|--|-----|
| 1     | A00-0013       | TEKT-0009          | 5MM Bushing                                | 14  |
| 2     | A00-0014       | TEKT-0092          | Thick 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     | A00-0109       | 302-1160_BLADE     | Wiper Blade, 16", Narrow Saddle            | 1   |
| 9     | A00-0262       | TEKT-ASM-038       | WWF, Adjustable Radial Arm, 11 1/2" Length | 1   |
| 10    | J03-0002       | JDWAM-036          | Rear Window Glass                          | 1   |
| 11    | J03-0012       | JDWAM-086          | Rear Window Seal                           | 1   |



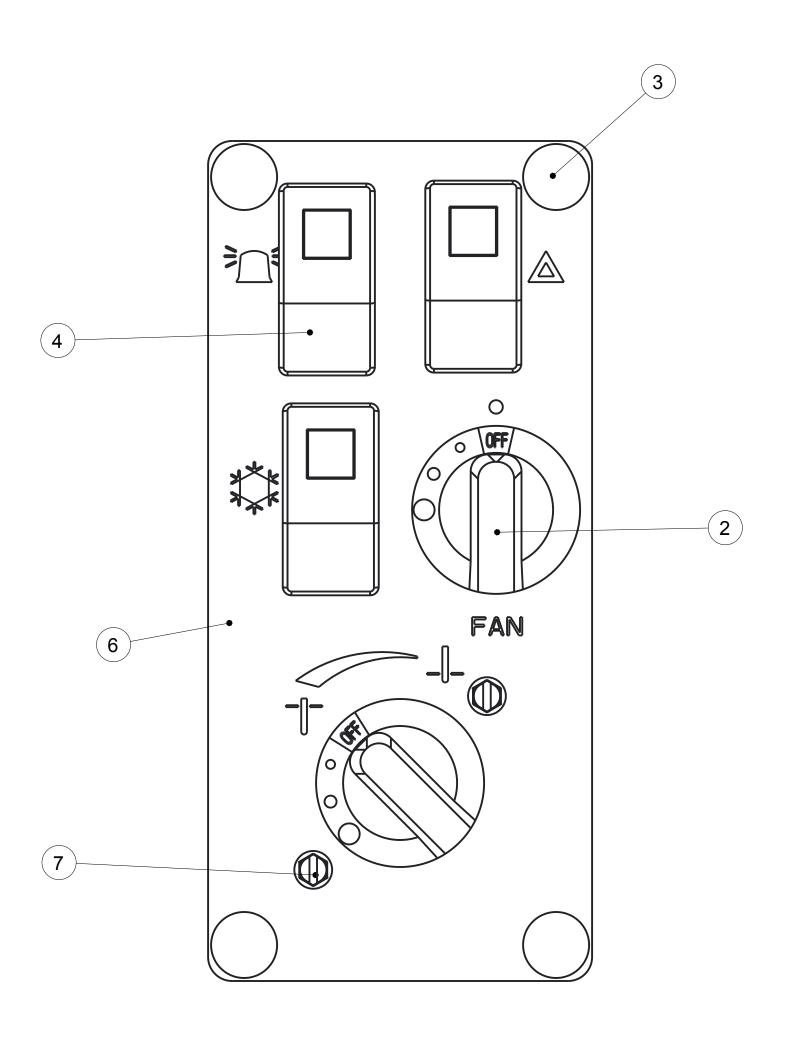


| Tolerances:<br>Unless otherwise<br>specified      |
|---|
| $X.X = \pm 1/16$ "<br>Angular = $\pm 1.0^{\circ}$ |

|               |            |              |                       | Tektite Manufacturing Inc.<br>24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada |  |  |
|---------------|------------|--------------|-----------------------|---|--|--|
| Req'd:        | CNC:       | Description: |                       |   |  |  |
| 1 req         |            | Rea          | Rear Window Assembly  |   |  |  |
| Drawn By:     | Date:      | Units:       | File Name:            |   |  |  |
| Daryl Furkalo | 2014-11-27 | Imp.         | Imp. JDWAM-ASM-010_OP |   |  |  |
| Checked By:   | Date:      | Size:        |                       |   |  |  |
|               |            | В            |                       |   |  |  |

| 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   |





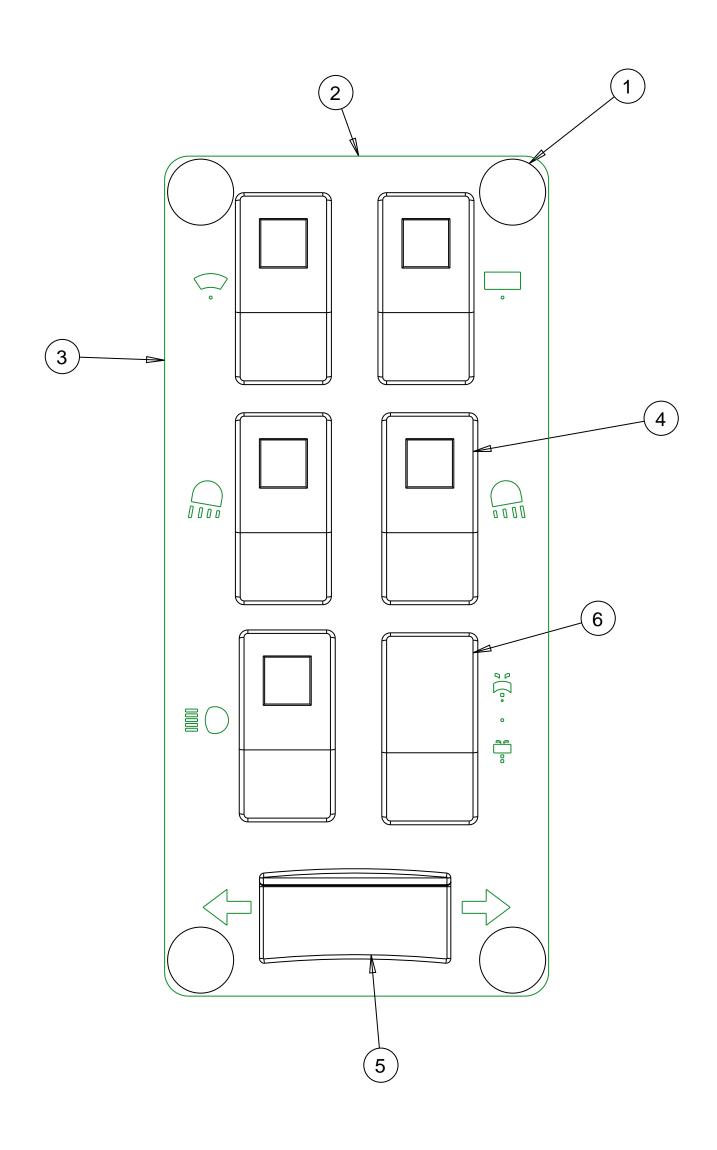
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| Tolerances:<br>Unless otherwise<br>specified      |
|---|
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|               |            |              |            | Tektite Manufacturing Inc.<br>24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada |
|---------------|------------|--------------|------------|---|
| 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   |





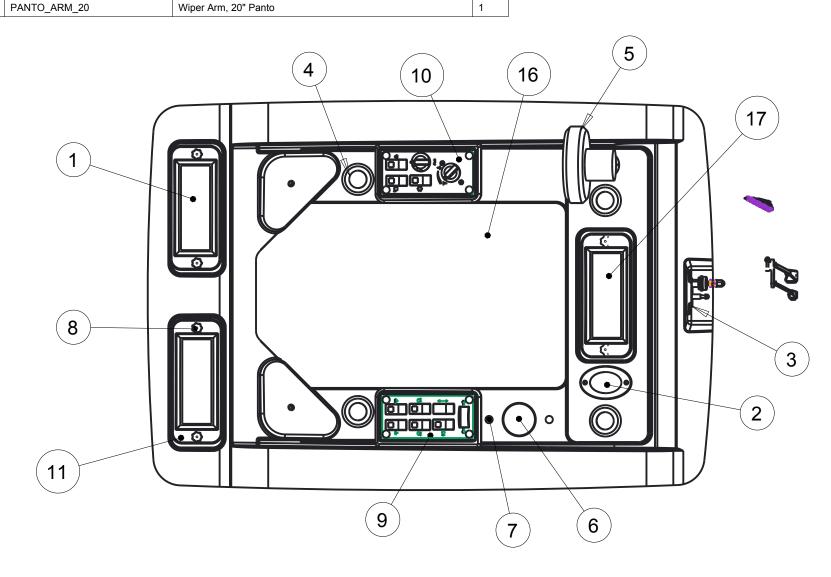
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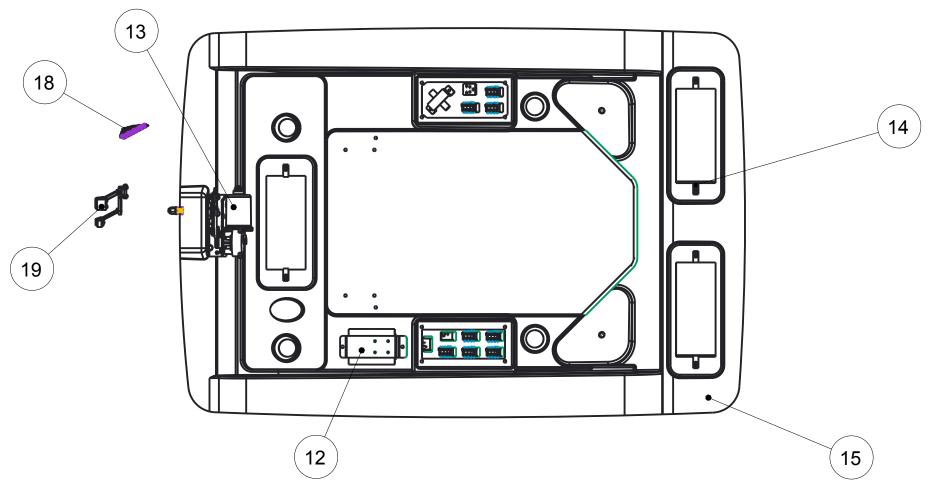
| Tolerances:                                 |
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| Unless otherwise specified                  |
| $X.X = \pm 1/16$ "<br>Angular = $\pm 1.0$ ° |

|               |            |              |             | <b>Tektite Manufacturing Inc.</b><br>24157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada |
|---------------|------------|--------------|-------------|--|
| Req'd:        | CNC:       | Description: |             |  |
| -             |            | Opera        | ator Manual | Switch Plate Left  |
| Drawn By:     | Date:      | Units:       | File Name:  |  |
| Daryl Furkalo | 2009-03-09 | lmp.         | LEFT-SW     | ITCHPLATE-ASM  |
| 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    | A00-0120       | BLADE_24               | Wiper Blade, 24"                        | 1   |
| 19    | A00-0140       | PANTO_ARM_20           | Wiper Arm, 20" Panto                    | 1   |







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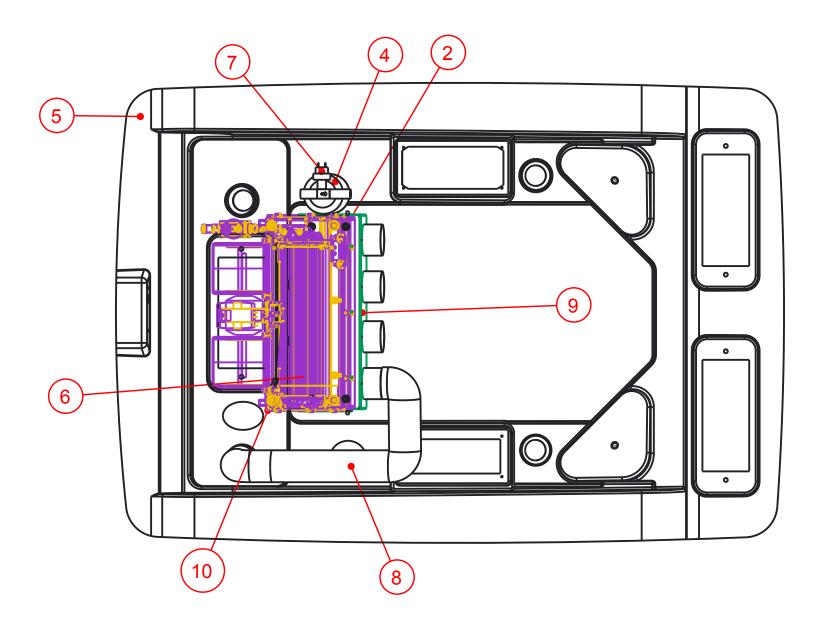
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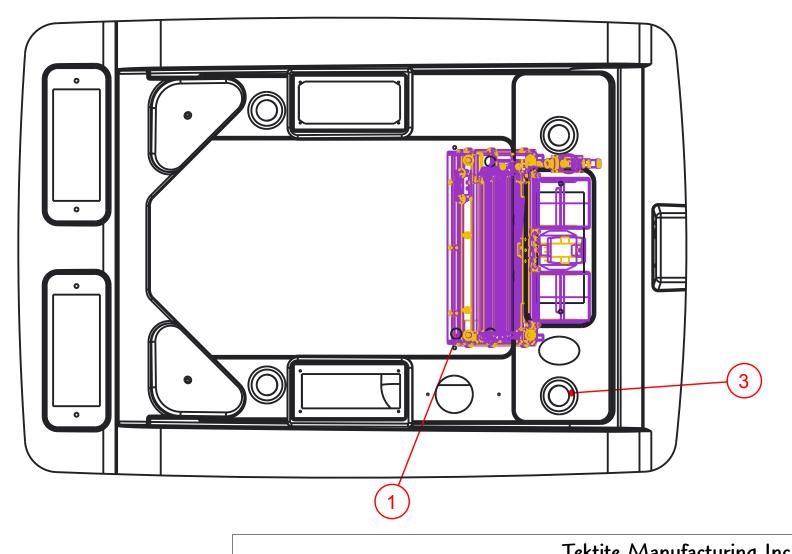
Tolerances: Unless otherwise specified  $X.X = \pm 1/16$ " Angular =  $\pm 1.0^{\circ}$ 

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|---|---------------|------------|--------------|---|--|--|
|   | Req'd:        | CNC:       | Description: |   |  |  |
| _ |               |            | Head         | Headliner Assembly, Mowers  |  |  |
|   | Drawn By:     | Date:      | Units:       | File Name:  |  |  |
|   | Daryl Furkalo | 2014-01-02 | Imp.         | TEKT-ASM-032  |  |  |
|   | Checked By:   | Date:      | Size:        |   |  |  |
|   |               |            | R            |   |  |  |

| Index  | Service Part # | File Name              | Description                   | Qty |
|--------|----------------|------------------------|-------------------------------|-----|
| IIIuex | Service rait#  | The Name               | Description                   | Qty |
| 1      | A00-0019       | STEP-BOLT1-4X1         | Step Bolt, 1/4" x 1", MB      | 4   |
| 2      | A00-0021       | FLANGE-NUT-1-4         | Flange Nut, 1/4", YD          | 4   |
| 3      | A00-0025       | BALL-LOUVER            | 2 1/2" Ball Louver            | 4   |
| 4      | A00-0028       | TEKT-0088              | Red Dot Drier                 | 1   |
| 5      | A00-0081       | KUF2880-HEADLINER-REV1 | Headliner                     | 1   |
| 6      | A00-0105       | R-2300-2_090902        | Heater A/C Blower Unit, 2300  | 1   |
| 7      | A00-0171       | TEKT-0089              | Binary Switch                 | 1   |
| 8      | A00-0173       | TEKT-0090              | Louver Hose                   | 1   |
| 9      | A00-0204       | TEKT-ASM-011           | Louver Hose Mount Plate, 2300 | 1   |
| 10     | A00-0205       | TEKT-0008_REV1         | Red Dot 2300 Mount Bracket    | 1   |





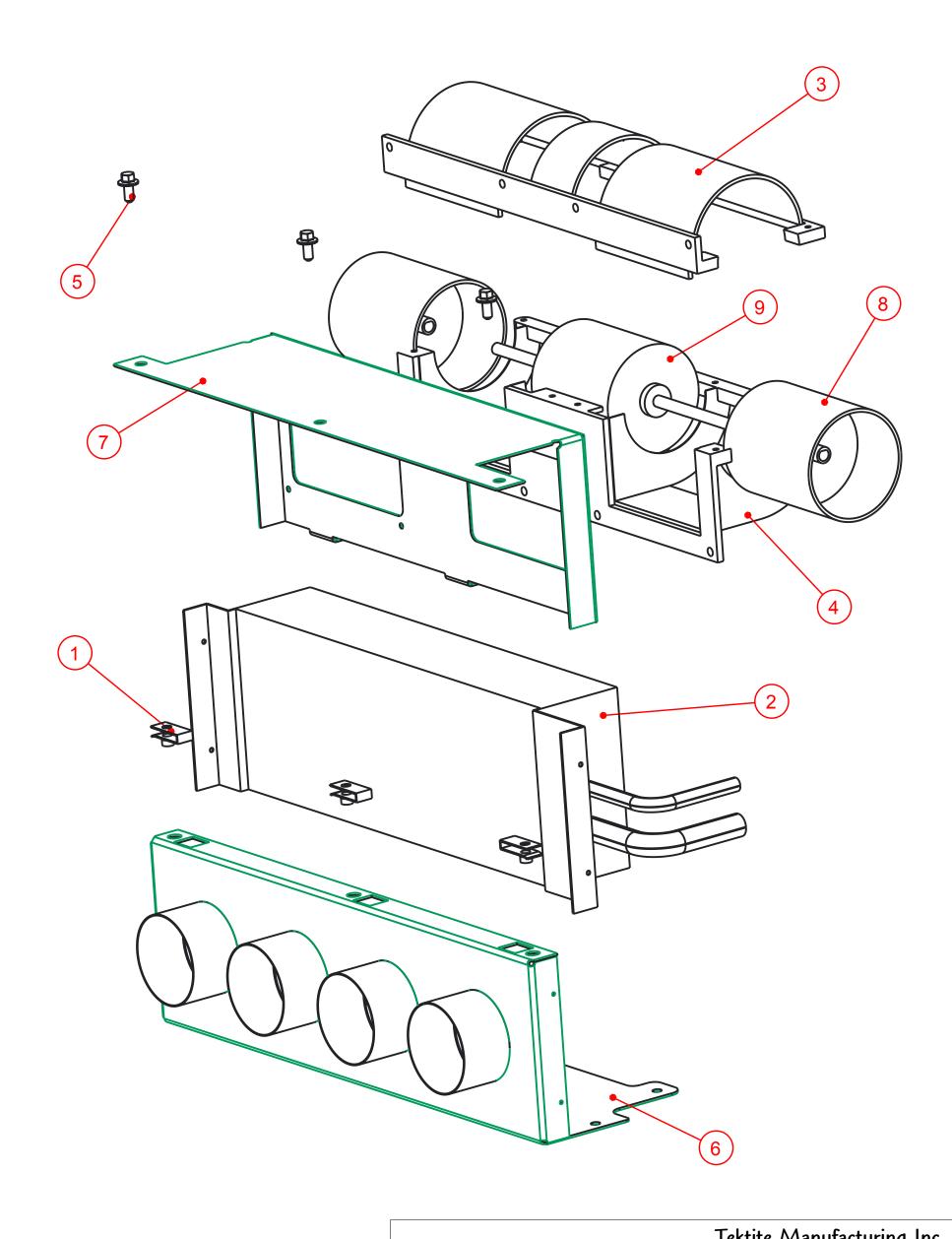


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|---|
| $X.X = \pm 1/16$ "<br>Angular = $\pm 1.0^{\circ}$ |

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|---|---------------|------------|--------------|--|
|   | Req'd:        | CNC:       | Description: |  |
| _ |               |            | A/C          | Compatible Additional Parts  |
|   | Drawn By:     | Date:      | Units:       | File Name:   |
|   | Daryl Furkalo | 2014-12-12 | Imp.         | TEKT-ASM-020_AC-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   |



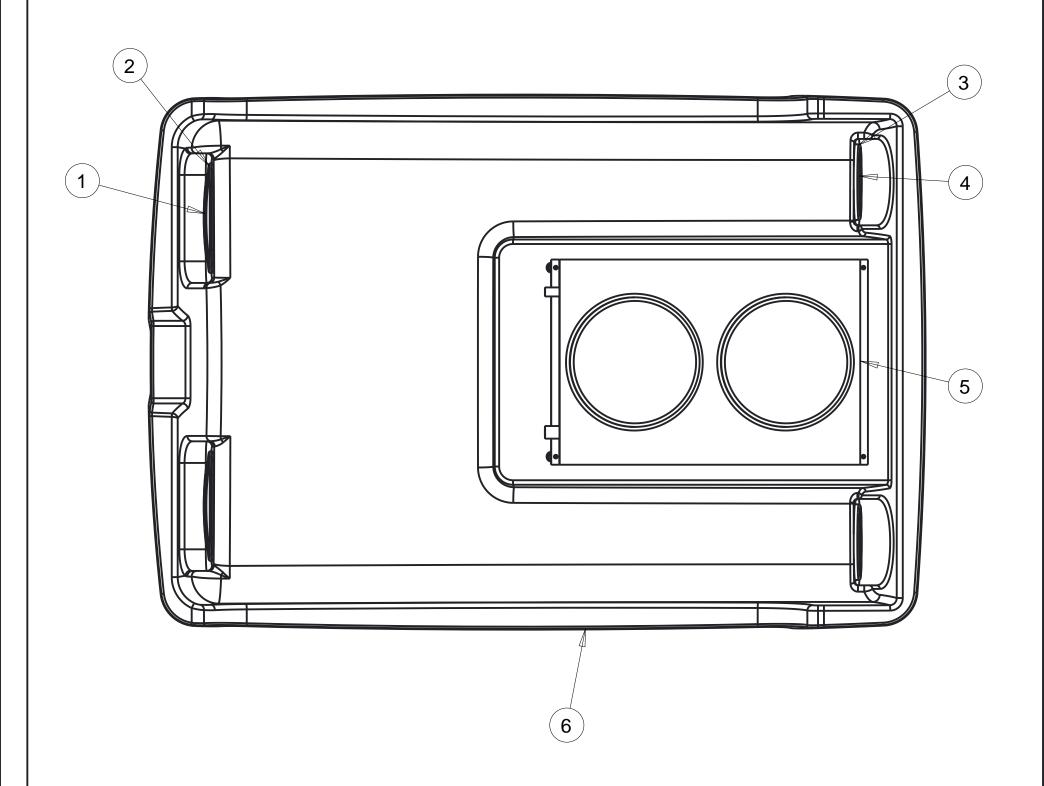


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|---|
| $X.X = \pm 1/16$ "<br>Angular = $\pm 1.0^{\circ}$ |

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|---------------|------------|--------------|---|
| 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     | A00-0008       | 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     | J01-0011       | KUF2880-ROOF      | Roof                               | 1   |



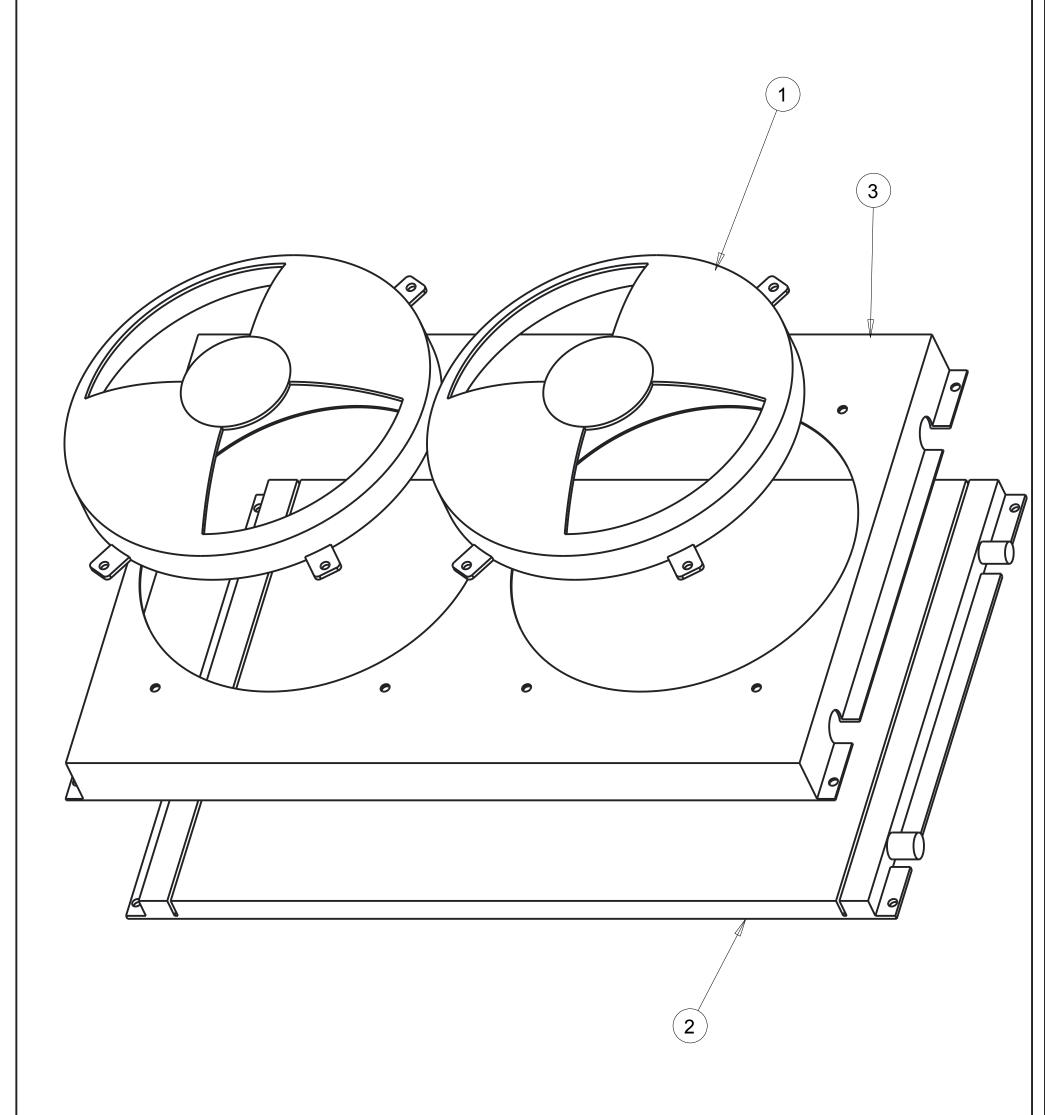


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|---|
| $X.X = \pm 1/16$ "<br>Angular = $\pm 1.0^{\circ}$ |

|               |            |              | 2          | Tektite Manufacturing Inc.<br>14157 Hwy 3, Box 639, Winkler MB, R6W 4A8, Canada |
|---------------|------------|--------------|------------|---|
| Req'd:        | CNC:       | Description: |            |   |
| +             |            | Roof         | Assemb     | ly  |
| Drawn By:     | Date:      | Units:       | File Name: |   |
| Daryl Furkalo | 2013-02-01 | Imp.         | KUF2880    | -ROOF-ASM   |
| Checked By:   | Date:      | Size:        |            |   |
|               |            | B            |            |   |

| Index | Service Part # | File Name | Description                     | Qty |
|-------|----------------|-----------|---------------------------------|-----|
| 1     | A00-0166       | TEKT-0103 | Condensor Fan                   | 2   |
| 2     | A00-0220       | TEKT-0101 | Base Condenser Coil             | 1   |
| 3     | A00-0221       | TEKT-0102 | Condensor Assembly Steel Shroud | 1   |



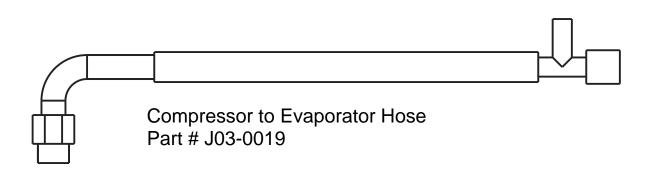


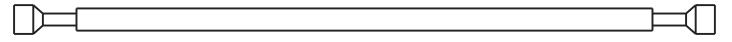
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|---|
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|---------------|------------|--------------|---|
| Req'd:        | CNC:       | Description: |   |
| -             |            | Cond         | densor Assembly Breakdown   |
| Drawn By:     | Date:      | Units:       | File Name:  |
| Daryl Furkalo | 2013-07-04 | Imp.         | TEKT-ASM-026  |
| Checked By:   | Date:      | Size:        |   |
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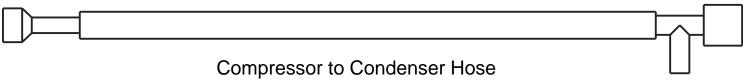








Condenser to Dryer Hose Part # J03-0021



Compressor to Condenser Hose Part # J03-0020

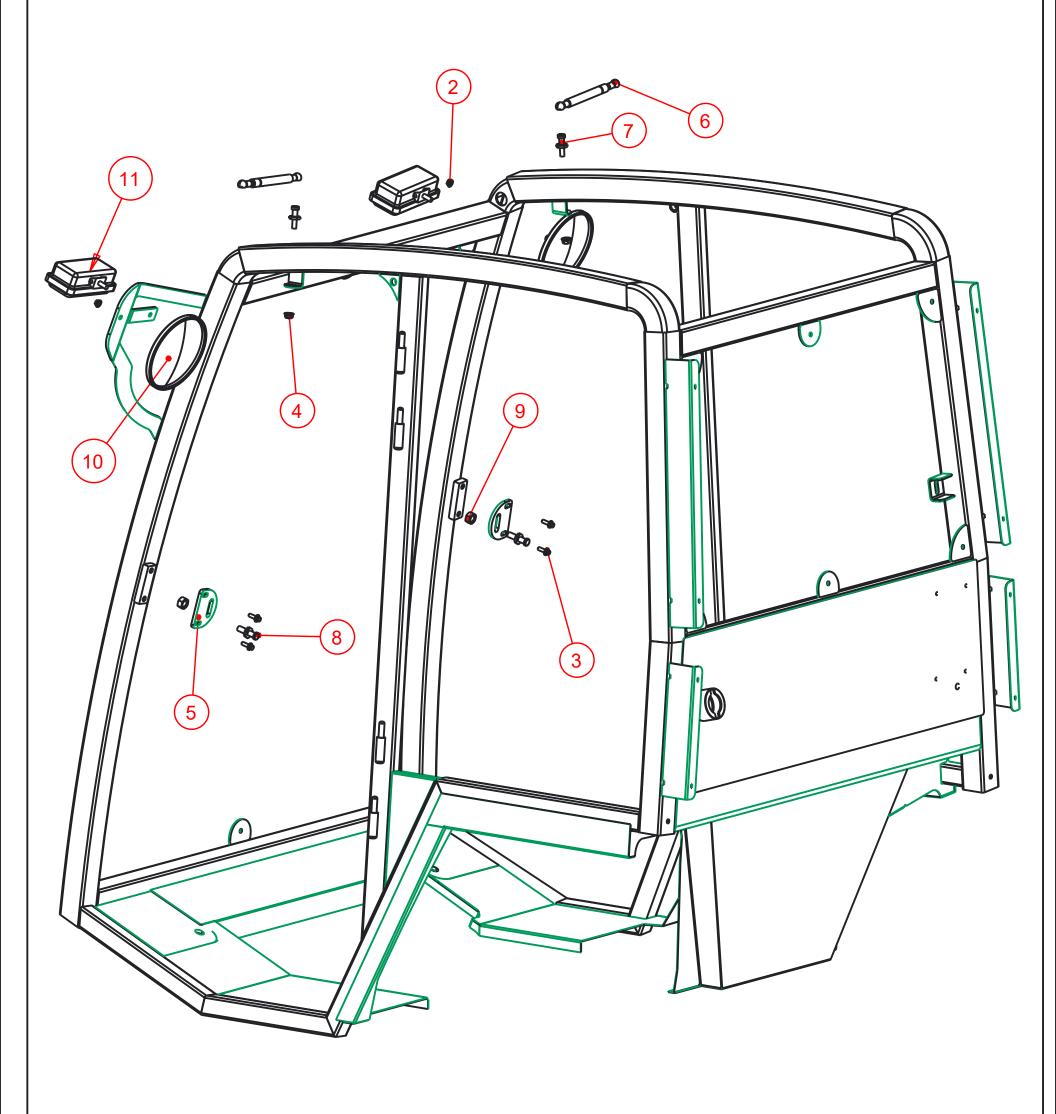
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|---|
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|---------------|------------|--------------|---------------------|---|--|
| Req'd:        |            | Description: |                     |   |  |
| 1 req         |            | A/C          | A/C Hoses Breakdown |   |  |
| Drawn By:     | Date:      | Units:       | File Name:          |   |  |
| Daryl Furkalo | 2013-03-27 | Imp.         |                     |   |  |
| Checked By:   | Date:      | Size:        |                     |   |  |
|               |            | В            |                     |   |  |

| Index | Service Part # | File Name           | Description                      | Qty |
|-------|----------------|---------------------|----------------------------------|-----|
| 1     |                | JDWAM-ASM-018       |                                  | 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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|---------------|------------|--------------|------------|---|
| Req'd:        | CNC:       | Description: |            | •   |
|               |            | Acce         | essories   | Assembly  |
| Drawn By:     | Date:      | Units:       | File Name: |   |
| Daryl Furkalo | 2016-11-23 | Imp.         | JDWAM      | -ASM-039  |
| Checked By:   | Date:      | Size:        |            |   |
|               |            | В            |            |   |