

John Deere 2025R Advantage Cab (CA) w/ Heater (p/n: 1JD2025RCA2) Plus Cab (PC) w/ Heater (p/n: 1JD2025RPC) Base Cab (EN) (p/n: 1JD2025REN)

While this cab kit was designed to fit on the vehicle(s) listed above, manufacturing tolerances and vehicle assembly may affect cab fitment. It is the responsibility of the cab installer to check all vehicle pedals and levers for full functionality and, as required, adjust the cab fitment to prevent any interference of the cab components with the travel of pedals or levers.



- 7. Rear Wiper (P/N: 9PWK8512F9-11A)
- 8. Seal Kit (P/N: 9SK1)

9. Heater, Base cab (P/N: 9PH20S71)

Approximate Installation Time *

Experienced Dealer Technician – 5 Hours

Average Dealer Technician – 6 Hours

Do-It-Yourself - 7 Hours

(*=Not including accessories)

Approximate Product Specifications

Floorboard to Roof Height: 62-1/2 inches

Weight: 326 lbs.

Cab Width: 49.56 inches

The contents of this envelope are the property of the owner. Leave with the owner when installation is complete.

Rev. G, 04/05/2022

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WARNINGS, TIPS, & REQUIRED TOOLS

Curtis cabs feature an assembly of parts designed for your vehicle which require adjustment and alignment of components to accommodate vehicle variations and provide proper weather protection. For accurate installation, proper operation, and years of satisfaction, please read and understand the installation and owner's manual fully prior to installing the cab.

From all of us at Curtis, we thank you for choosing our product.

		WARNING
Curtis Cabs, blades and general accessories add additional weight to the base vehicle. All Curtis accessory weights are listed in product	Ser	ious Injury or Death
brochures. Deduct the accessory's total weight from the vehicle's rated capacity and never exceed the vehicle's rated capacity including driver and passenger.		This cab enclosure does not provide protection from rollover or other accidents.
Exposure to Carbon Monoxide can Cause illness, serious injury or death. Never operate vehicle if suspicious of Carbon Monox- ide. Inspect exhaust system for leaks monthly. Leaks can	×	This cab enclosure does not provide protection from flying objects including golf balls.
result from loose connections, corrosion, cracks or other damage to the exhaust manifold. If leaks are found, repair or replace exhaust system. Do not use vehicle until repair or replacement is complete.	7	This cab enclosure does not provide protection from lightning. When lightning threatens take cover and do not operate vehicle.

California Health and Safety Proposition 65 Warning: This product may contain chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

GENERAL INFORMATION BEFORE YOU START

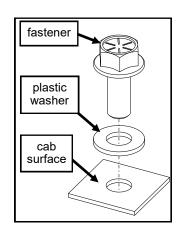
HELPFUL HINTS:

- •Refer to parts diagram found in the service parts section of this manual to help identify parts during the assembly process.
- •To assist with the cab installation, leave all fasteners loose for later adjustment unless otherwise specified.
- •Read and understand all instructions before beginning.
- •Apply a silicone sealant to seal any minor gaps that may occur due to vehicle variations.
- •Use caution to avoid damaging the factory installed threaded inserts or weld nuts. Begin the thread engagement by hand to avoid or correct potential cross threading.
- •Make sure the areas where the supplied self-adhesive hook Velcro will be applied are clean and dry and at room temperature for best adhesion.
- •Before installing parts with factory installed rubber, make sure the rubber is fully installed onto the parts for proper fit and sealing.
- •Plastic washers have been supplied to provide a weather seal under the heads of some exterior bolts. The plastic washer should be installed under each bolt head directly against the outside cab surface. Care should be taken not to over tighten the fasteners and damage the plastic washer.

TOOLS REQUIRED:

- •Set of Standard and Metric Sockets (3/8" Drive)
- 3/8" Drive Ratchet
- •Set of Standard and Metric Open-End Wrenches
- •Set of Metric Allen Wrenches
- •#2 and #3 Phillips Head Screwdrivers
- •Drill/Driver
- •#2 and #3 Phillips Head Bit

- Utility Knife
- •Pair of Scissors
- Shears
- Grease
- Silicone Sealant
- Teflon Tape
- •Tape Measure



STEP 1: (VEHICLE PREP)

- **1.1** Open the tractor hood and disconnect the battery, negative then positive.
- **1.2** If equipped, unplug, remove, and save the two fender lights. See figure 1.2. These will be relocated to the back of the cab in later steps.
- **1.3** Remove (2) M10 bolts and washers from the left and then the right floor board. See Figure 1.3.
- **1.4** Remove the lower pin from both sides of the ROPS center bracket and rotate the upper ROPS down toward the rear of the tractor. See Figure 1.4.
- **1.5** Remove the zip tie on the rear light wires at the bottom of the ROPS at the back of the tractor. Unbolt the rear lights (M8 bolts) and carefully pull at least 12" of wire through the hole in the ROPS, trying not to damage the wire insulation. See the tip/suggestion below. See figure 1.5. Leave lights hanging beside ROPS.
- TIP: If it is difficult or impossible to get 12" of wire pulled out, you may need to temporarily remove the bolt between the rear fender and the ROPS and then reinstall once you have enough wire. Sometimes the wires run on both sides of the bolt and once you pull enough wire through the wire loom will not allow any more. Reinstall and torque the bolt to factory specs once there is enough wire.
- NOTE: For tractors that are not equipped with a backhoe, there is a bracket used to hold the SMV (Slow Moving Vehicle) sign, on the inside left of the ROPS, opposite the rear light.

This SMV bracket must be removed and retained and will be relocated at a later step.

For tractors equipped with a backhoe, the SMV bracket is bolted to the left grab handle on the ROPS and does not need to be relocated.



Fig. 1.2 (Remove Fender Lights)

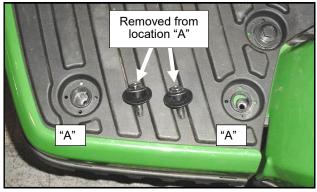


Fig. 1.3 (Remove Floorboard Hardware)

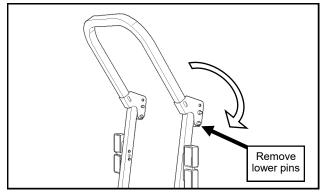


Fig. 1.4 (Fold ROPS)

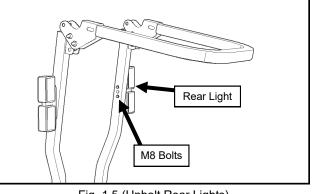


Fig. 1.5 (Unbolt Rear Lights)

STEP 2: (ROPS BRACKETS)

2.1 Install a ROPS Bracket onto the outside of the ROPS through the holes for the rear lights, with the nuts on the inside of the ROPS. Wedge a ROPS mount bracket onto ROPS, secure to ROPS bracket. Leave loose. See fig. 2.1.

Allow the rear light to hang with the wires through the slot at the rear of the ROPS bracket.

Hardware Used	
5/16-18 X 3 Hex Head Screw	
5/16-18 X 1 Hex Head Screw	
5/16-18 Hex Nut	

Tools required

1/2" wrench and socket

- 2.2 Repeat step 2.1 for the opposite side ROPS.
- 2.3 NON-BACKHOE TRACTORS: Install the tractor SMV bracket removed in step 1 to the cab bracket with new hardware provided . See fig. 2.3.

Hardware Used 5/16-18 X 3/4 Hex Head Screw 5/16-18 Hex Nut



Qty

2 2 4

STEP 3: (A-PILLARS)

3.1 Set the left A-pillar onto the floor mat and loosely bolt it down with one bolt through the front slot only. See figure 3.1. Tighten the bolt snug to stabilize the A-Pillar; the bolts will be fully tightened at a later step once the rest of the cab has been assembled.

Hardware Used M10x1.5 X 70 Hex Head Screw M10x1.5 Hex Nut

3.2 Repeat step 3.1 with the right A-pillar.

STEP 4: (REAR LEG PRE-ASSEMBLY)

4.1 Away from the tractor, assemble the left Contour Assembly and left Rear Light Mount onto the left Rear Leg Assembly. See Figure 4.1. Install all bolts on the inside of the panel with nuts outside and centered in the slots.

Hardware Used	Qty
5/16-18 X 3/4 Hex Head Screw	6
5/16-18 Hex Nut	6

4.2 Repeat step 4.1 with the right-side Contour Assembly, Rear Light Mount and Rear Panel.

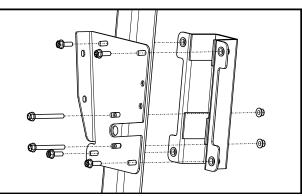


Fig. 2.1 (Assemble Brackets to ROPS)

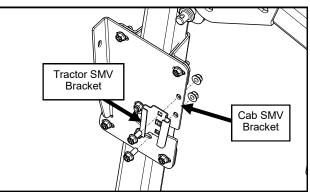


Fig. 2.3 (SMV Brackets)

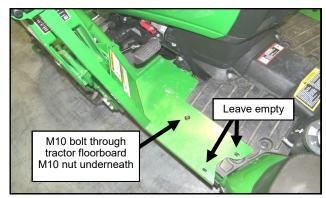


Fig. 3.1 (Place A-Pillar on Tractor)

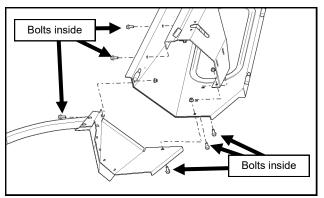


Fig. 4.1 (Assemble Contour to Rear Leg)

STEP 5: (FENDER LIGHT WIRES, IF VEHICLE IS EQUIPPED WITH LIGHTS)

- **5.1** Locate a fender light wiring harness (WH-00071). Connect a harness to the fender light plug. Pull out as much of the fender light plug wire as possible and run the harness back along the grab handle on the fender and secure it to the handle with wire ties. See figure 5.1.
- 5.2 Repeat step 5.1 for the opposite side.

STEP 6: (REAR LEG ASSEMBLIES)

- **6.1** With assistance, place the left rear leg and contour assembly on top of the tractor's left rear fender. Push the rubber seal at the bottom of the rear leg assembly toward the rear of the tractor and make sure it fits over the handle smoothly. Route the fender light wire harness under the rear leg, through the slot in the rubber. See fig. 6.1.
- **6.2** Secure the assembly to the floorboard with one M10 bolt through the A-pillar floorboard and into the tractor floorboard, and one 5/16" bolt. See fig. 6.2.

Hardware Used	Qty
M10x1.5 X 70 Hex Head Screw	1
M10x1.5 Hex Nut	1
5/16-18 X 3/4 Hex Head Screw	1
5/16-18 Hex Nut	1

6.3 Secure the assembly to the ROPS bracket with two 5/16" bolts, with bolt heads toward the rear of the tractor. See fig. 6.3.

<u>Qty</u>

2

2

Hardware Used 5/16-18 X 3/4 Hex Head Screw 5/16-18 Hex Nut

6.4 Repeat steps 6.1 to 6.3 for the right side rear leg assembly.



Fig. 5.1 (Plug In Fender Light Harness)



Fig. 6.1 (Wire Underneath Rear Leg)

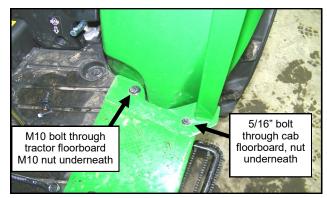


Fig. 6.2 (Rear Leg to Floorboard)

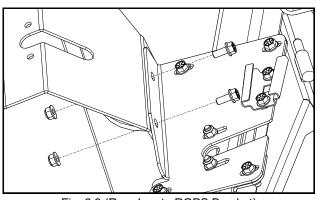


Fig. 6.3 (Rear Leg to ROPS Bracket)

STEP 7: (ENGINE PRE-WIRING)

- NOTE: Wiring and plumbing is intended to be installed to the engine at this time, as engine side shrouds are easier to remove and install before the cowl is in place.
- 7.1 Remove the side shrouds from both sides of the engine by pulling the pin at the front, then sliding the panel to the rear to free up the tabs.
- **7.2** Locate the power harness (WH-00072). Per Figure 7.2, find the end consisting of only a bullet and ring terminal, and feed that end through the hole in the front corner of the right-side cab floorboard. Align the switch connector to the cowl bracket in the middle of the A-Pillar to ensure enough of the harness remains in the cab (ref. fig. 20.3 on page 15).
- **7.3** Run the rest of the power harness through the engine bay behind the engine and down the left side of the engine up to the alternator. Be mindful and avoid pinch points and hot surfaces.
- **7.4** Unbolt the lower bolt on the starter and re-secure with the ground terminal on. See Figure 7.4.
- **7.5** Locate the fuse harness (WH-GF). Make certain the fuse is installed in the fuse holder, unbolt the main power cable attached to the alternator and re-secure with the ring terminal on the fuse harness. See Figure 7.5
- **7.6** Route the power harness inside the bracket behind the alternator and connect the bullet terminals of the power harness and the fuse wiring harness. Loop the slack in the power harness behind the alternator and secure with a wire tie. See Figure 7.6. Double check that the wires are not pinched or near sharp or hot surfaces.

Leave the opposite end of the cab power harness disconnected until after the cowl is installed.

- NOTE: At the installer's discretion, wiring for accessories may also be installed into the engine compartment at this time.
- 7.7 Secure wires (with wire ties provided) away from any hot or moving engine components where it could melt or be pinched.

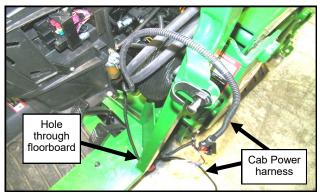


Fig. 7.2 (Feed Wire Through Floorboard)

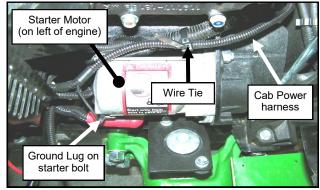


Fig. 7.4 (Connect to Ground Terminal)

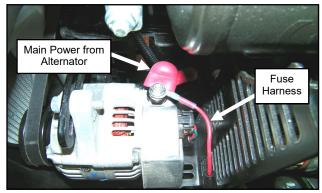


Fig. 7.5 (Connect Fuse Harness to Alternator)

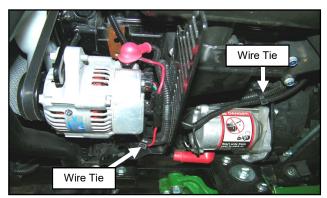


Fig. 7.6 (Secure Wire Harness)

STEP 8: (HEATER PLUMBING)

Heater optional for cabs with vinyl curtain doors. Proceed to step 9 on next pge if not installing heater.

- CAUTION: Only work on a cool engine! To avoid injury caused by hot engine coolant, make sure the engine is completely cooled down before beginning installation of auxiliary heater.
- **8.1** Drain the coolant into a clean container so that it may be reused.
- **8.2** See Figure 8.2. For the supply line for the heater, remove the plug and sealing washer from the left side of the thermostat housing. Install the plug and sealing washer in the end of the sending unit adaptor. Install a small nylon washer onto the other end of the sending unit adaptor and install the hex bushing. Install the assembly into the engine block where the plug and sealing washer were removed. If the sending unit adaptor does not tighten so that the port on the side for the 3/8" NPT nipple orients as shown, then remove it and install another nylon washer and try again. Install the 3/8" NPT nipple into the side port of the adaptor, using Teflon tape (not provided). This is the supply line.
- **8.3** For the return line from the heater, cut the lower radiator hose in the location shown. See Figure 8.3. Install the enclosed T fitting with large hose clamps provided. NOTE: for best results, attach the upper side first.
- **8.4** Cut the supplied heater hose approximately in half. Connect the hoses to the fittings installed in steps 8.2 and 8.3 with small hose clamps. Route the supply hose across the top of the engine and behind the large bracket on the right side, and secure the hose to the bracket with a large wire tie provided. Route the return hose up around the air filter and behind the bracket for the intake, down the right side of the engine and secure with a wire tie. See Figure 8.4.
- **8.5** Per figure 8.5, run the hoses down the right side and toward the rear of the engine. Check hose routing making sure it is not kinked or rubbing against any sharp edges. Also make sure the hoses will not interfere with installing the engine side covers. Secure hoses as necessary with large wire ties provided.
- **8.6** Splice into the heater supply line and install the in-line shut-off valve. Per figure 8.6.
- **NOTE:** The in-line shut-off valve quickly converts the heater into a summer time blower by preventing hot water from flowing to the heater core.
- 8.7 Make sure no wires or hoses are pinched or interfere

with any moving parts, pedals on the tractor, or contact hot engine components. Secure with wire ties provided. Install the side shrouds



Fig. 8.6 (Shut-off Valve)



Fig. 8.2 (Remove Plug from Engine)

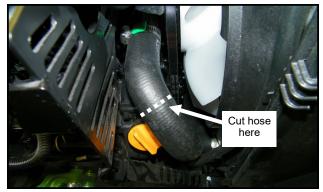


Fig. 8.3 (Cut Lower Radiator Hose)

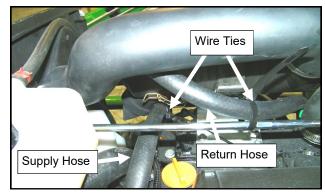


Fig. 8.4 (Route Hoses)

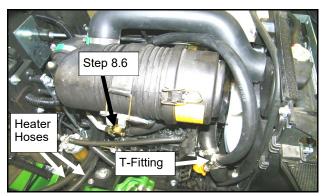


Fig. 8.5 (Route Hoses)

STEP 8: (HEATER PLUMBING)

- **8.5** Per figure 8.5, run the hoses down the right side and toward the rear of the engine. Check hose routing making sure it is not kinked or rubbing against any sharp edges. Also make sure the hoses will not interfere with installing the engine side covers. Secure hoses as necessary with large wire ties provided.
- **8.6** Splice into the heater supply line and install the in-line shut-off valve per figure 8.6.
- **NOTE:** The in-line shut-off valve quickly converts the heater into a summer time blower by preventing hot water from flowing to the heater core.
- **8.7** Make sure no wires or hoses are pinched or interfere with any moving parts, pedals on the tractor, or contact hot engine components. Secure with wire ties provided. Install the side shrouds back onto the tractor.

STEP 9: (COWL)

9.1 With assistance, slide the cowl over the top of the hood and engine side covers using <u>CAUTION</u> not to scratch the plastic components. *TIP: Hold a finger over the edge of the sealing rubber at the bottom corners of the cowl so it does not slide off and leave the metal edge of the cowl exposed to contact the side engine covers. It is also helpful to tip the bottom as far back as possible until it reaches the pedals and brackets at the bottom of the A-pillars. Keep the power wire and heater hoses on the right side away from the A-pillar/cowl seam. For best water sealing, make sure the rubber seal folds forward (towards the front of the vehicle) for the entire length of the bulb rubber. Secure the cowl to the A-pillars with hardware listed below. See Figure 9.1.*

Hardware Used	<u>Qty</u>
5/16-18 x 3/4" Hex Head Screw	12
5/16-18 Hex Nut	8

Tools Required

1/2" Wrenches and/or Sockets

STEP 10: (WINDSHIELD SUPPORT)

10.1 Install the Windshield Support to the A-Pillars. See figure 10.1.

Hardware Used			<u>Qty</u>	
				-

5/16-18 x 3/4" Hex Head Screw 2

Tools required

1/2" Wrenches and/or Sockets

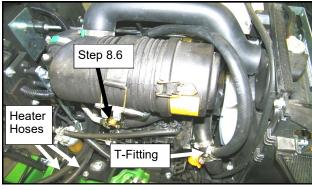


Fig. 8.5 (Route Hoses)



Fig. 8.6 (Shut-off Valve)

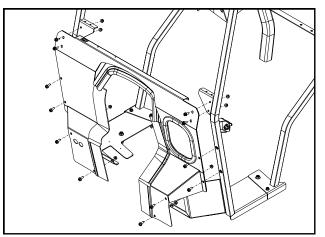
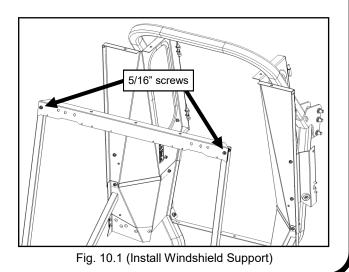


Fig. 9.1 (Install Cowl)



STEP 11: (DOOR HEADERS)

11.1 Install the left Door Header to the A-pillar and rear leg. See Figure 11.1.

Hardware Used 5/16-18 x 3/4" Hex Head Screw 5/16-18 Hex Nut



2

1

Qty

4

л

Tools Required 1/2" Wrenches and/or Sockets

- 11.2 Repeat step 11.1 with the right door header. See Figure 11.2.
- 11.3 Make sure the Windshield Support and Door Headers line up well and have the smallest possible gaps between them, then tighten the four (4) screws going into the A-pillars to 20 ft.-lbs. Leave the rest of the hardware loose at this point.

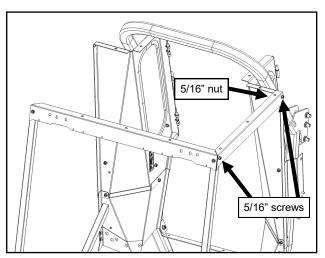


Fig. 11.1 (Install Left Door Header)

STEP 12: (WINDSHIELD)

12.1 With assistance, set the windshield up to the A-pillars and secure it to the roof using the hinge spacers and hardware. See Fig. 12.1. Leave hardware loose.

Hardware Used	Qty
5/16-18 x 1.5" Flat Head Screw	4
5/16-18 Hex Nut	4

Tools required

#3 Phillips screw driver 1/2" wrench or socket.

12.2 Secure the windshield latches to the A-pillars with the latches open, and tighten latch hardware. Heads of bolts to be up top and nuts down bottom.

Hardware Used 1/4-20 x 5/8" Hex Head Screw 1/4-20 Hex Nut

Tools required 3/8" wrench/socket 7/16" wrench/socket

- **12.3** Close the windshield while lifting up on the bottom edge. Tighten hinge hardware. Caution: The windshield hinges are plastic components. Do not overtighten the flat head screws. Torque to 7 ft.-lbs. max.
- 12.4 Ensure the windshield latches function properly and the windshield pivots open.
- 12.5 Remove the over tightening caution decal from the top of the windshield.

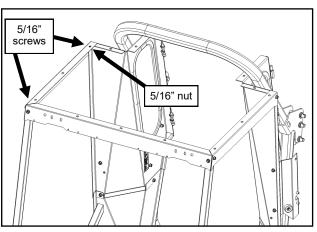


Fig. 11.2 (Install Right Door Header)

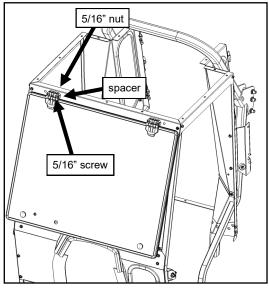


Fig. 12.1 (Install Windshield)

STEP 13: (ROOF)

- **13.1** Prep the roof for installation by piercing the headliner below the top mounting slots. Use a screwdriver to poke holes through the headliner from the headliner side up through the hole in the roof to avoid having the headliner pull away from its glued surface.
- **13.2** With assistance, set the roof on top of the Door Headers, Windshield Support, and Rear Legs. See Figure 13.2. Loosely secure with sealing washers on the thirteen (13) screws through the top of the roof, and <u>no</u> sealing washers on the two (2) screws through the back of the Rear Legs.

Hardware Used	<u>Qty</u>
5/16-18 x 3/4" Hex Head Screw	15
5/16" Sealing Washer	13
5/16-18 Hex Nut	15
Tools required	

1/2" Wrenches and/or Sockets

STEP 14: (REAR WINDOW)

- Glass Rear Window (for cabs with steel doors only) (for cabs with vinyl hinged or vinyl curtain doors, proceed to step 14.4)
- **14.1** Grease the hinge pins for the rear window and slide on greased brass washers.
- **14.2** Hang the rear window on the hinges. See Figure 14.2.
- **14.3** Connect the window latches to the right rear leg by depressing the tabs on the latch and inserting into the receivers mounted on the rear leg. Close the window. Check alignment of the window, if off, check measurements and re-align the rear legs. Tighten the hinge hardware to 7 ft-lbs. Verify smooth operation of the latches.
- Vinyl Upper Rear Curtain (for cabs with vinyl hinged or vinyl curtain doors) (for cabs with steel doors, proceed to step 16.1 on the next page)
- **14.4** Pre-install the supplied Velcro hook to the sewn-in Velcro loop on the upper three sides of the upper rear curtain. Leave the release tape on until the filler is in place.
- **14.5** Align the top of the curtain to the top inside rear corner of the roof, and the sides to the inside corners of the rear legs. Remove the release tape a little at a time and stick the filler down as you work your way around.
- NOTE: The vinyl will stretch around the flanges and latch mounts inside the rear of the cab. Make sure the Velcro is attached firmly to the inside surfaces of the cab.

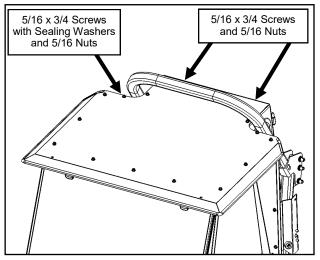


Fig. 13.2 (Install Roof)

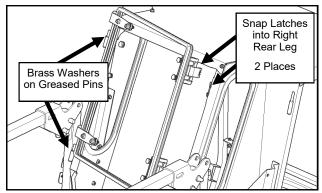


Fig. 14.2 (Hang Rear Window, CA cab only)

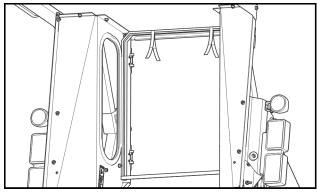


Fig. 14.4 (Upper Rear Curtain, PC or EN cabs)

STEP 15: (CAB ALIGNMENT)

- **15.1** Adjust the bottom of the rear legs side to side to get the outer surfaces approximately lined up with the sides of the black plastic housings (if equipped) on top of the rear fender. See figure 15.1. The outer flanges of the legs should be about 40-1/2" apart, outside to outside.
- **15.2** Per fig. 15.2, measure the distance between the inside of the rear flanges of the rear legs. Adjust the rear legs to get as close to 22-1/16" as possible at *both* the top and bottom of the flanges. Tighten the hardware between the rear light mounts and the ROPS brackets that were installed in step 6.3.
- **15.3** Measure the distance from the striker bracket to the front edge of the rear legs as shown in figure 15.3. Adjust the A-pillars, rear legs, and ROPS brackets to get as close to 37-7/16" as possible. Tighten the hardware securing the ROPS brackets to the ROPS that were installed in step 2.1.

STEP 16: (TIGHTEN HARDWARE)

- 16.1 Tighten all hardware at this time. For 5/16" bolts, use the torque values given below. Verify alignment measurements after the cab is tight.
- For 5/16" x 3" long bolts (qty.: 4 on the ROPS Bracket) that pass thru tubing, use only 10 foot-pounds. Ref.: fig. 2.1 on page 5.
- For 5/16" x 1" long bolts (qty.: 8 on the ROPS Bracket) that thread into inserts, use only 10 foot-pounds. Ref.: fig. 2.1 on page 5.
- For 5/16" bolts (qty.: 4 on the Cowl) that thread into factory installed threaded inserts in the A-Pillars, use 20 footpounds. Ref.: fig. 9.1 on page 9. Typical for the 4 Roof bolts that also thread into factory installed threaded inserts. Ref.: fig. 13.2 on page 11.
- For 5/16" bolts (qty.: 13 on the Roof) that use plastic washers, use only 12.5 foot-pounds. Ref.: fig. 13.2 on page 11.
- For the remaining 5/16" bolts (the vast majority on the cab) that thread into hex nuts, use 28 foot-pounds.
- For all other bolt sizes (M10, 1/4", etc.), no specific torque values are required. Tighten to a reasonable feel.

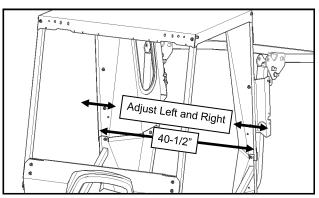


Fig. 15.1 (Measure Rear Legs Left and Right)

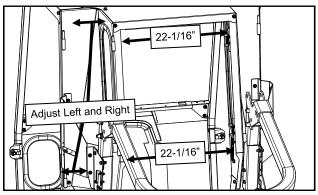


Fig. 15.2 (Measure Rear Flanges Left to Right)

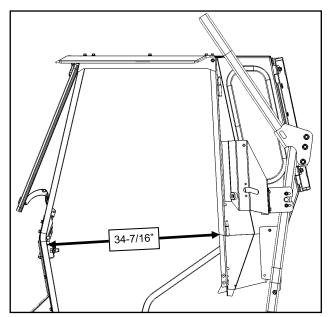


Fig. 15.3 (Measure A-Pillars to Rear Legs)

STEP 17: (OEM SIDE LIGHTS, IF EQUIPPED)

17.1 Mount the left rear light to the light mount bracket. Ensure the light is right side up with amber at the top and the brake light facing backward, as the light can easily be flipped by accident. Tighten hardware. See figure 17.1.

Hardware Used M8x1.25 X 16mm Hex Head Screw

rew 2

- **17.2** Cut the supplied longer, smaller segment of split loom approximately in half and wrap the exposed rear light wires with the split loom. See Figure 17.2
- **17.3** If equipped, pre-assemble the light brackets onto the OEM fender lights. See Figure 17.3. The carriage screw must be preinstalled in the bracket before the light is mounted for clearance purposes.

<u>Hardware Used</u>	Qty
5/16-18 x 2" Hex Head Screw	2
5/16-18 Hex Nut	2
5/16-18 x 3/4" Carriage Screw	1

17.4 Mount one light onto the left ROPS bracket and position it as desired. Tighten hardware. See fig. 17.4.

Hardware Used	<u>Qty</u>
5/16-18 Hex Nut	1

M8x16mm Screws

Fig. 17.1 (Assemble OEM Side Lights to Cab)

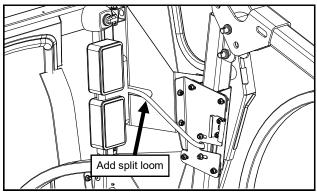


Fig. 17.2 (Assemble OEM Side Lights to Cab)

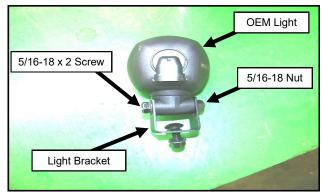
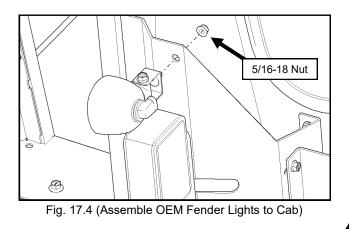


Fig. 17.3 (Pre-Assemble OEM Fender Lights)



STEP 17: (OEM SIDE LIGHTS, IF EQUIPPED CONT'D.)

17.5 Plug the light extension harness into the light. Secure the harness to the back of the rear leg with plastic Pclamps, screw heads inside with nuts outside. See figure 17.5.

Hardware Used	Qty
#10-32 x 1/2" Phillips Head Screw	2
#10-32 Hex Nut	2
3/8" P-clamp	2

17.6 Repeat steps 17.1 through 17.5 for the opposite side lights.

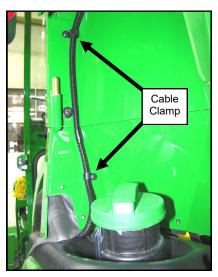


Fig. 17.5 (Secure Fender Light Wires)

STEP 18: (WINDSHIELD WIPER MOTOR)

- 18.1 Mount the wiper motor to the windshield. See Figure 18.1. Make sure the wires are above the wiper motor shaft to prevent pinching the wire when the windshield is opened and closed.
- NOTE: Do not install the wiper arm and blade at this time. Once the motor has been wired, it can be turned on and off to ensure that the wiper arm will be docked in the correct position once it is attached at a later step.
- 18.2 Re-check the windshield pop-out function. The wiper motor should easily clear the cowl, but if not, loosen the windshield hinges and raise the windshield to gain some clearance.

6

Fig. 18.1 (Windshield Wiper Motor)

STEP 19: (HEATER)

Heater optional for cabs with vinyl curtain doors. If installing cab without heater, install 5/16-18 screws to A-Pillar to plug holes as shown in Fig. 19.2 and then proceed to Step 20.

19.1 Pre-assemble the heater bracket onto the heater using the screws already installed on the side of the heater. See Figure 19.1. Tighten hardware.

Tools needed

#2 Phillips Screw driver.

19.2 Attach the heater bracket to the right A-Pillar. See Figure 19.2. Tighten hardware.

Qty

Hardware Used 5/16-18 x ³/₄ Hex Head Screw

<u>Tools required</u> ¹/₂" wrench or socket

- **19.3** From outside the cab, install both ³⁄₄" snap bushings into the large holes in the right side of the cowl. Feed the 5/8" diameter hoses, installed in step 8 on page 8, through the bushings to the inside of the cab.
- **19.4** Inside the cab, cut the hoses to length and connect them to the nipples on the heater with hose clamps. Make sure the hoses follow a smooth path between the engine and heater and that no hoses are kinked or will interfere with pedals or hoses on the tractor.

STEP 20: (CAB WIRING)

- **20.1** Route the power wire harness behind the heater bracket, under the upper flange of the bracket, and connect the harness to the wiper motor.
- **20.2** (Optional on cabs with Curtain doors.) Push the switch connector up through the rectangular hole in the cowl, connect to the switch and snap in the heater switch. The "off" position for this switch is in the middle, with low speed one way and high speed the other way. The switch may be installed in either direction, and can be removed and rotated 180° later if desired.
- **20.3** Open the windshield and secure the wiring harness to the cowl using cable clamps. Verify the wiper harness routing allows the windshield to be opened and closed without the harness getting pinched under the windshield. See figure 20.3.

Hardware Used #10-32 x 1/2" Pan Head Screw #10-32 Hex Nut



Tools required #2 Phillips Screw Driver 3/8" Wrench or Socket.

- **20.4** (Optional on cabs with Curtain doors.) Connect the heater bullet connectors to the wiring harness. Cover the exposed wires with 1/2" split loom provided.
- **20.5** Secure the wiring harness to the A-pillar with cable clamps and self-drilling screws. See figure 20.5. Clean up metal shavings afterward.

Hardware UsedQty#10 Self-Drilling Screw2Tools required#2#2 Phillips screw driver tip in electric drill.

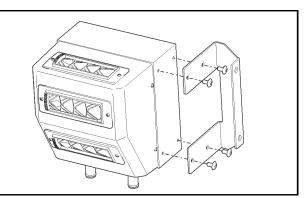


Fig. 19.1 (Pre-Assemble Heater to Bracket)



Fig. 19.2 (Install Heater)

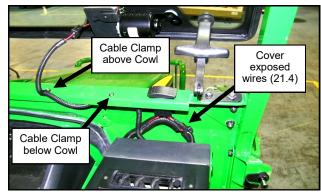


Fig. 20.3 (Secure Wires to Cowl)

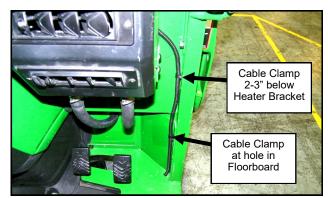


Fig. 20.5 (Secure Wires to A-Pillar)

STEP 21: (FINISH WIRING AND HEATER)

- 21.1 Re-connect the battery.
- **21.2** Turn on the vehicle fender light switch and test functionality. Secure the fender light harnesses to the grab handles with wire ties.
- **21.3** Loop the power wire harness behind the heater to remove slack and secure with a wire tie.
- Optional on cabs with Curtain doors proceed to step 22.
- **21.4** Refill the cooling system. Start the tractor and inspect coolant system for leaks.
- **21.5** With the tractor running, check the heater hoses and make sure they get warm. If not, remove the heater from its mount and let hang from the hoses as low as possible. If the heater and hoses still do not get warm, temporarily put a clamp on the upper radiator hose to force coolant through the heater. **Warning:** To avoid engine damage, remove the clamp as soon as heater gets warm. Reattach heater to the bracket. Once complete, let the engine cool, check the coolant level, and top off coolant if required.

STEP 22: (FINISH WIPER)

- **22.1** Turn on the wiper motor briefly, then turn back off. This will make sure the motor shaft is in the correct parked position.
- 22.2 Pre-assemble the wiper arm and wiper blade.
- **22.3** Install the wiper arm onto the wiper motor so that the wiper is horizontal. See Figure 22.3. Tighten the Allen Screws.

Tools required

2.5mm Allen Wrench

22.4 Adjust the length of the wiper arm as long as possible while still clearing the outer cap nut for the windshield latches. Turn on the wiper to check proper operation.

STEP 23: (DOOR STRIKERS)

CAUTION: The door striker plates are oriented differently, depending on the type of doors included.

(for steel doors only): Striker to OUTSIDE of cab

(for vinyl hinged doors): Striker to INSIDE of cab

- NOTE: EN Base Cabs do not need door strikers installed and striker hardware is not included with the cab.
- 23.1 Install the striker plate to the A-pillar mounting bracket with the large slot to the outside for the CA cab (see Figure 23.1A) or to the inside for the PC cab (see Figure 23.1B)

Hardware Used	Qty
5/16-18 x 3/4" Hex Head Screw	2
5/16-18 Hex Nut	2

Tools Required

1/2" Wrenches and/or Sockets

23.2 Install the striker parts oriented as shown in Figure 23.1A or 23.1B. Note the finger guard should always be oriented toward the inside of the cab.



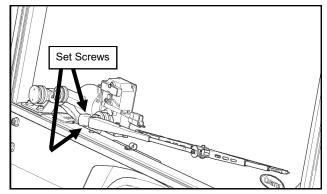


Fig. 22.3 (Wiper Arm and Blade)

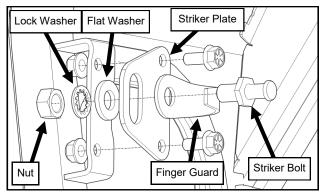


Fig. 23.1 (Door Striker OUTSIDE for CA Cab)

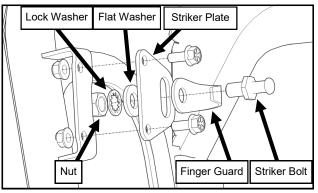


Fig. 23.1B (Door Striker INSIDE for PC Cab)

STEP 24: (UNDER SEAT FILLER)

- **24.1** Pre-install the supplied Velcro to the under seat filler. Leave the release tape on until the filler is in place.
- **24.2** Slide the seat forward and then tip up onto the steering wheel. Set the filler in place, per figure 24.2. Adjust the Velcro so that the back will be on the glass above the rubber seal, the sides are on sheet metal and the corners of the filler roughly line up with the corners of the rear legs, and the front edge is far enough back to not interfere with the function of the levers and knobs.
- **24.3** Remove the release tape a little at a time and stick the filler down as you work your way around. See Figure 24.3.
- **24.4** After the Velcro is adhered to the cab, remove the top of the under seat filler from the back of the cab. Cut the supplied piece of plastic trim approximately in half.

Starting just above the top of the contour panel flange, press the trim onto the rear leg rear flange, below the rear window. See Figure 24.4.

24.5 Re-attach the top of the under seat filler to the rear legs and rear window of the cab.

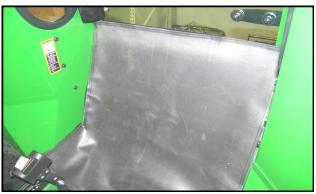


Fig. 24.2 (Install Under Seat Filler)

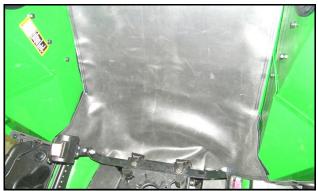


Fig. 24.3 (Install Under Seat Filler)

STEP 25: (FRONT FILLER)

- **25.1** Pre-install the supplied Velcro to the front filler. Leave the release tape on until the filler is in place.
- **25.2** Place the front filler into the opening at the front-inside of the left cab floorboard, and against the side of the tractor. See fig. 25.2.
- **25.3** Remove the release tape a little at a time and stick the filler down as you work your way around.

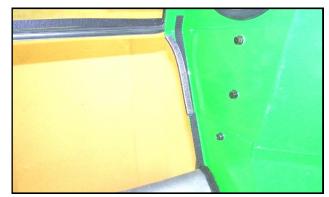


Fig. 24.4 (Install Rubber Trim)



Fig. 25.2 (Install Front Filler)

STEP 26: (STEEL DOORS, CA CABS ONLY)

- **26.1** Install the supplied brass washers onto the hinge pins on the left side and then apply grease to the pins.
- **26.2** Loosen the door hinge bracket to allow for adjustment later. Hang the left door on the hinges. While lifting up and forward on the door handle, line up the door latch with the striker pin and carefully attempt to latch. You should be able to hear 2 clicks as you slowly engage the latch on the pin. If the latch is too far forward or back to latch on the pin, adjust as shown. Then retighten and latch.
- **26.3** Stand back and examine the alignment of the door with the roof and the A-pillar. You can adjust this by moving the striker pin up or down as shown to help with alignment. *TIP: In the final step, the front of the door will drop a small amount the first time you open it. Set the front of the door a little bit higher so it aligns properly.* Adjust as necessary until you are happy with the alignment. Have an assistant sit inside the cab and once more carefully close the door like you did in step 26.2. Work with the assistant and tighten the hinge bracket bolts.
- **26.4** Open the door and check for smooth operation of the latch. As noted in step 26.3, the door will likely drop a little bit at the front and the striker pin will need to be adjusted down accordingly. Also make sure the door seal is making contact along the perimeter of the door and the latch clicks twice when closing. If necessary, adjust the striker in or out to achieve this (see Figure 26.3).
- 26.5 Repeat steps 26.1 through 26.4 for the right door.

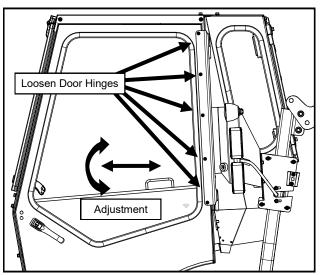


Fig. 26.2a (Door Hinge Adjustment)

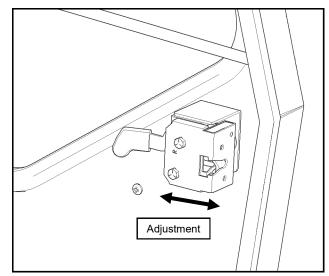
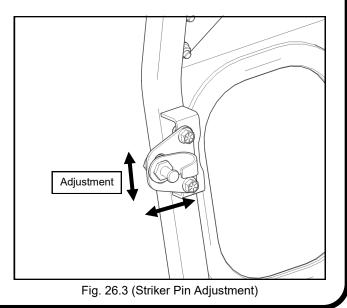


Fig. 26.2b (Door Latch Adjustment)



STEP 27: (VINYL HINGED DOORS, PC CABS ONLY)

- **27.1** Install the supplied brass washers onto the hinge pins on the left side and then apply grease to the pins.
- **27.2** Loosen the door hinges to allow for adjustment later. Hang the left door on the hinges. While lifting up and forward on the door handle, line up the door latch with the striker pin and carefully attempt to latch. You should be able to hear 2 clicks as you slowly engage the latch on the pin. If the latch is too far forward or back to latch on the pin, adjust as shown. Then retighten and latch.
- **27.3** Stand back and examine the alignment of the door with the roof and the A-pillar. You can adjust this by moving the striker pin up or down as shown to help with alignment. *TIP: In the final step, the front of the door will drop a small amount the first time you open it. Set the front of the door a little bit higher so it aligns properly.* Adjust as necessary until you are happy with the alignment. Have an assistant sit inside the cab and once more carefully close the door like you did in step 27.2. Work with the assistant and tighten the hinge bolts.
- **27.4** Open the door and check for smooth operation of the latch. As noted in step 27.3, the door will likely drop a little bit at the front and the striker pin will need to be adjusted down accordingly. Also make sure the door seal is making contact along the perimeter of the door and the latch clicks twice when closing. If necessary, adjust the striker in or out to achieve this (see Figure 27.3).
- 27.5 Due to vehicle and cab manufacturing tolerances, the door frames may need to be hand bent to improve the seal.

To adjust the bottom of the door, hold the door at the latch with the door open and have an assistant hold the top of the door. Pull inward on the bottom corner of the door, then close the door and check the seal.

To adjust the top of the door, hold the door at the latch with the door open and pull inward on the top corner. It is not necessary to have an assistant hold the bottom.

Repeat as needed until the door is sealed around the entire perimeter.

27.6 Repeat steps 27.1 through 27.5 for the right door.

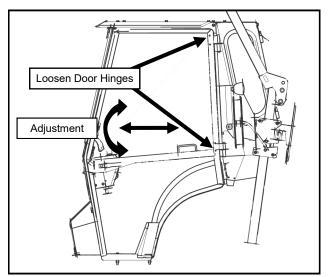


Fig. 27.2a (Door Hinge Adjustment)

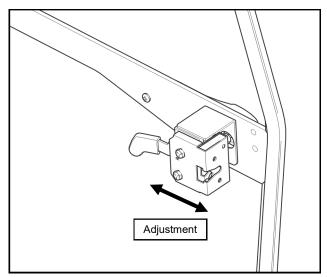
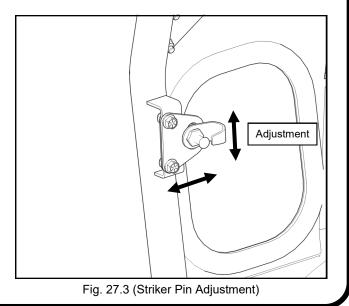


Fig. 27.2b (Door Latch Adjustment)



STEP 28: (VINYL CURTAIN DOORS, EN CABS ONLY)

- **28.1** Pre-install the supplied Velcro on the left door curtain, to outside strips on the top and rear, and to inside strips at the front. Leave the release tape on until the curtain is in place.
- **IMPORTANT:** Make certain the surfaces of the cab are clean and dry before adhering the Velcro.
- **28.2** Hold the door curtain to the inside faces of the cab at the top and rear of the door opening, with the inner edges of the Velcro aligned to the bottom edge of the door header, and the inner edge of the rear leg. Pull off the release tape from the top strip and adhere the Velcro to the door header, working from the upper rear corner forward.
- **28.3** Open the windshield latches to vent the windshield. Pull the curtain to the outside of the A-pillar tube with the inner Velcro strip centered on the tube, and the front flange of the curtain centered between the windshield support and cowl.
- NOTE: The front bolt of the door header may need to be loosened to get the curtain between the header and the A-pillar tube.
- **28.4** Remove the release tape and adhere the inner strip of Velcro to the A-pillar tube, working down from the top.
- **28.5** Pull the front flap of the door curtain tight, remove the release tape and adhere the Velcro to the front face of the A-pillar tube, working down from the top.
- **28.6** Remove the release tape and adhere the rear strip of Velcro to the inside of the rear leg, pulling tight and working down from the top. Trim the Velcro around the rivets at the lower rear corner and press the curtain firmly against the rubber filler.
- 28.7 Repeat steps 28.1 through 28.6 for the right door.

Align Velcro to Metal edges

Fig. 28.2 (Align Door Curtain top and rear)

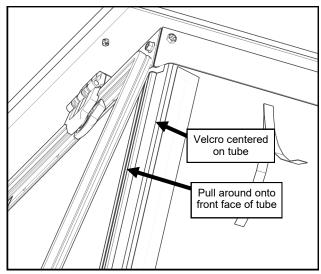
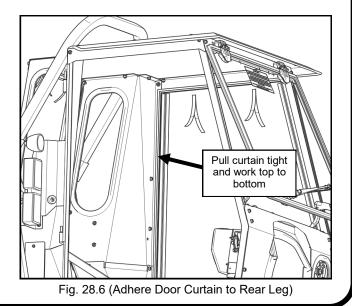


Fig. 28.3 (Align Door Curtain to A-pillar)



STEP 29: (ACCESSORIES/PLUGS)

29.1 If installing accessories, please do so now. If not, use the supplied plugs to fill any exposed holes. See Figure 29.1.

29.2 Optional Rear Wiper Note:

For easier wiper motor harness disconnection, cut the main wiring harness connector off a few inches from the end and create a jumper harness with it using bullet connectors. **Do not cut the connector off the wiper motor**.

Strip all the wires, crimp a male bullet connector onto the ground (black) wire of the main wire harness and a female bullet connector on the positive (red) wire.

Reverse the male and female bullet connectors on the new jumper wire harness so that the male bullet connector is on the positive (red) wire and the female bullet connector is on the ground (black) wire.

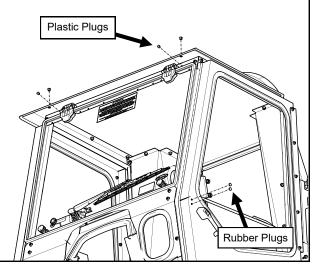


Fig. 29.1 (Install Plugs)

STEP 30: (FINISHING TOUCHES)

30.1 Due to the nature of the packaging materials used for shipping this product, the components of the cab system may have dust on their surfaces upon removal from the packaging. It is recommended that after completion of the cab installation, the cab and vehicle are washed thoroughly to eliminate any dust or contaminants. See the Care and Maintenance section at the back of this manual for critical information on cleaning the cab (p. 23).

<u>NOTE: this cab may use a common hardware kit and</u> <u>therefore may have extra hardware. Discard additional</u> <u>hardware.</u>

CAB FEATURES & OPERATION

POP-OUT WINDSHIELD

Your 2025R cab comes equipped with a pop-out windshield for ventilation. To open the windshield, simply lift up on both of the pop-out latches and rotate until the latches rest in the over-center position.

LIFT-OFF DOORS (for steel doors and vinyl hinged doors only)

For added ventilation, the doors on the 2025R cab lift off in seconds without tools.

To lift off:

1) Rotate the doors 45° to the cab and lift. Also, remove the hinge washers and store in a plastic bag.

Store the doors in a safe location to prevent damage.

REMOVABLE REAR WINDOW (for cabs with steel doors only)

In order to use the backhoe on tractors so equipped, the rear window must be removed.

To remove the rear window:

- Remove the under seat filler from the rear window by disconnecting the Velcro and fold it down under the operator's seat.
- Open both window latches and disconnect from right rear leg with tabs on latch. Open the window taking care not to let the window open into the ROPS or damage may occur.
- 3. From outside of the cab, lift up on the rear window and slide off the hinges. Remove the hinge washers and store in a plastic bag.

Store the rear window in a safe location to prevent damage.

To reinstall the rear window, reinstall the hinge washers, align the hinges with the pins and drop into place. Re-attach the latches to the rear leg. Re-apply the under seat filler Velcro to the rear panel.

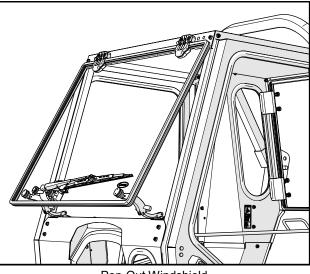
VINYL CURTAIN DOORS (EN Cab)

Base cab curtain doors feature zippers and straps that allow the doors to be rolled up and secured as desired

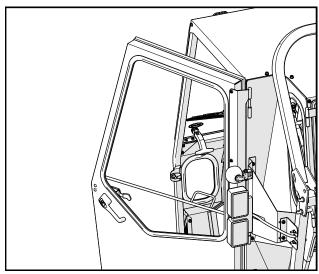
Curtain doors include magnets at the bottom to help secure the curtain against the cab floorboard.

VINYL REAR CURTAIN (PC and EN Cabs)

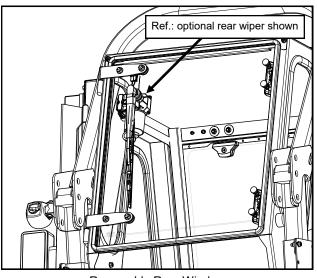
Rear curtains include straps at the top that allow the curtain to be rolled up and secured.



Pop-Out Windshield



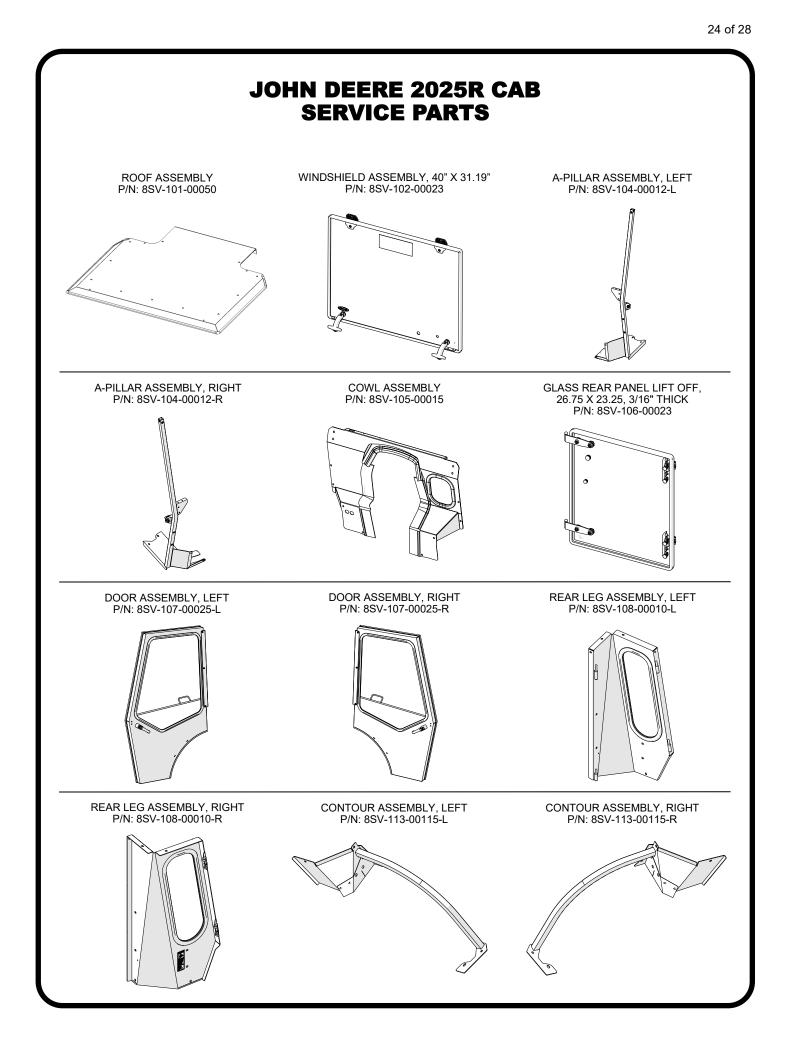
Lift-Off Doors

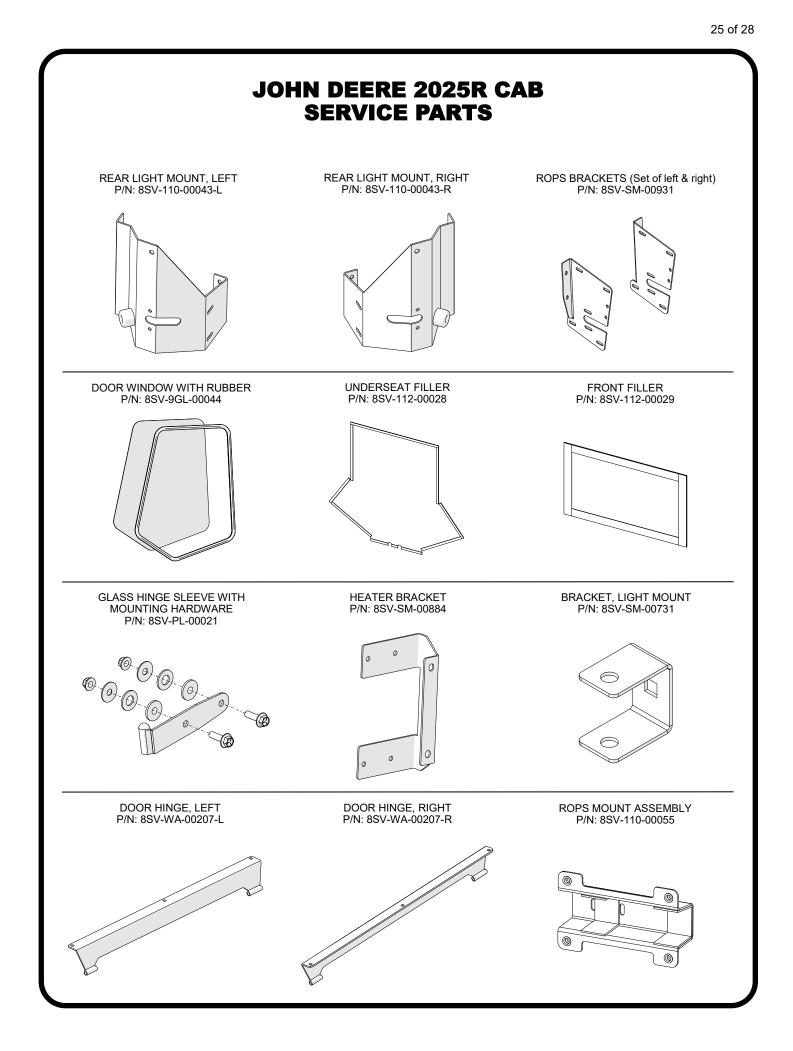


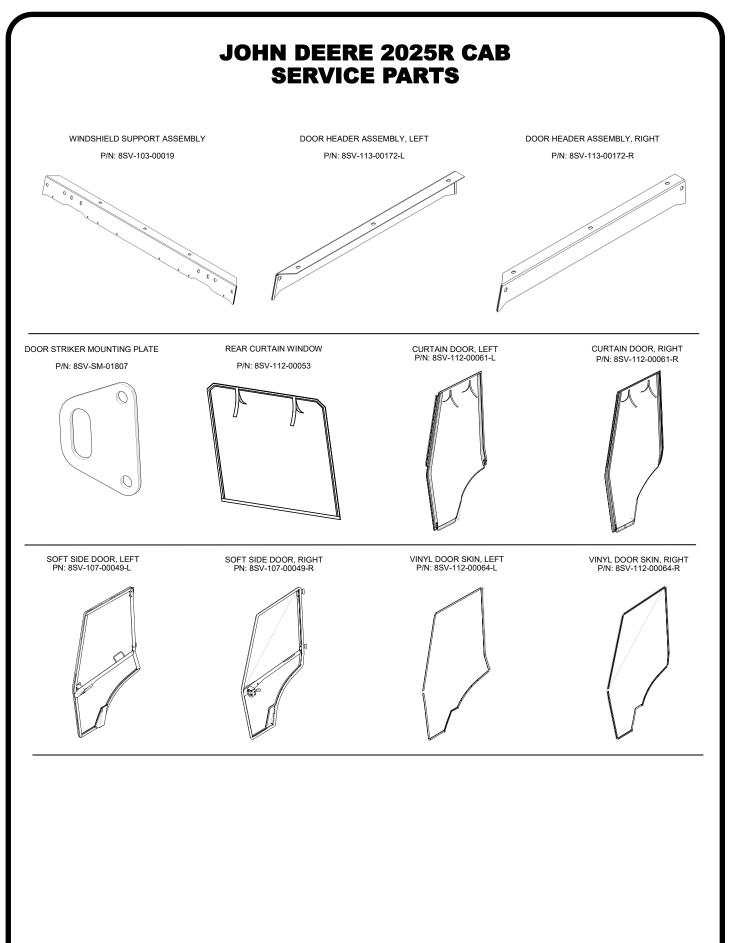
Removable Rear Window

CARE AND MAINTENANCE

- •Re-apply lubrication (preferably grease) periodically as needed to the door striker pins, door latch assemblies, and the door hinges.
- •Check and tighten hardware after 40 hours of operation. Periodically inspect and tighten hardware for the remainder of the unit's life.
- •Wash the painted surfaces of the cab with commercial automotive cleaning products.
- •Clean glass windows with glass cleaner. *Note: Some windows on the cab are acrylic.* **DO NOT** clean acrylic windows with harsh chemicals. It will damage the plastic. Mild soap and water should be used on all acrylic windows.
- •Vinyl components should be washed with a mild solution of warm soapy water.







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ADDITIONAL SERVICE PARTS

<u> </u>								
PART NUMBER		DESCRIPTION						
8SV-P-00063		COWL WINDOW WITH RUBBER						
8SV-P-00058		REAR LEG WINDOW WITH RUBBER						
9SV-9FR-00035		REAR CORNER FILLERS (SET OF 2)						
9SV-DP11		DOME PLUG 1/2" (BAG OF 10)						
9SV-DP10		DOME PLUG 3/8" (BAG OF 10)						
8SV-WL3		WINDSHIELD LATCH & BRKT ASS'Y. SGL POST (SET OF L&R)						
9SV-HWS		WINDSHIELD HINGE KIT						
9PWM110		WIPER MOTOR, 110 DEGREE						
9PWB20-FB		WIPER BLADE, 20", FLEX						
9PWA14-16		WIPER ARM, ADJUSTABLE LENGTH (11" - 16")						
9PWK-HB		GLASS MOUNTING KIT FOR WIPER SYSTEMS						
9SV-DSTRH		DOOR STRIKER KIT-INCLUDES CASE HARDENED STRIKER BOLT						
9SV-IHRL		INSIDE HANDLE ROTARY LATCH KIT (INCL. L & R)						
9SV-OHRL		OUTSIDE HANDLE ROTARY LATCH KIT (SET OF 2)						
9SV-9PHW010-W	/	HINGE WASHER, KIT (SET OF 4) OD .635, ID .41, THK .08						
9PI01		POLY INSERT 1", 14-20 GA BLK MATTE FINISH, INSERT FINS .94/.95						
9PI02		POLY INSERT 3/4", 14-20 GA BLK MATTE FINISH, INSERT FINS 0.69						
9SV-WL1		WINDSHIELD LATCH KIT 1, POPS OPEN W/S FOR VENTING ONLY						
9SV-9BM01		RUBBER SNUBBER, 1-1/8" (2)						
9SV-HWK-00078		HARDWARE KIT						
9SV-9DPSB		HEATER HOSE BUSHINGS, SNAP BUSHING, .750" X 1.093"						
9SV-9HR-00005		TEE FITTING, 1-1/8" X 1-1/8" X 5/8"						
9SV-9HR0045		BLOCK ADAPTER (3/8" NIPPLE)						
9HR0051MF		EXTENDED SENDING UNIT ADAPTER						
9SV-9HR00601.0		HOSE CLAMPS #10 (1") (QTY.: 6)						
9SV-9HR00601.5		HOSE CLAMPS #16 (1.5") (QTY.: 2)						
9SV-UHTRILV	9SV-UHTRILV UNIVERSAL HEATER IN-LINE VALVE (SET OF 2)							
9SV-9HR0048 RO			ROCKER SWITCH (HI-OFF-LOW)					
9SV-9HR-L	REPLACEMENT LOUVER-15,000 & 20,000 BTU HEATER							
8SV-9PH20WG	SV-9PH20WG TUCK-AWAY HEATER WITH WIRED GROUND							
9SV-HRH61-20		HEATER HOSE (5/8" I.D.) - 20 FT. LONG						
9PH20-2	9PH20-2 FAN 120 x 120 x 38 12VDC 12W 3200 RPM							
9SV-WH-00071 WIRI			WIRING HARNESS FENDER LIGHT					
9SV-WH-00072 WIRIN		WIRING	/IRING HARNESS POWER					
8SV-WH-GF WIRE		WIRE H	VIRE HARNESS, GLASS FUSE					
9DL01H KEYS, SET OF 2 ON A RING, FOR HANDLE 1096-1, KEY CODE C40								
TRIM LOK, STD,	5/8" STE		1" FLAT BULB,	WINDOW	1" ROUND BULB,	3/4" SIDE BULB,	ARCH PSA	
1/16" - 1/8" GRIP	5/8 STL 1/16"		1/16" GRIP	RUBBER	1/16" GRIP	3/4" SIDE BULB, 1/4" GRIP	RUBBER .2 X .15	
R		P		ST.				
		00.45			001/0040 40			

9SV-PR10-20

9SV-PR19-10

9SV-PR38-15

9SV-PR53-15

9SV-PRO2-15

9SV-PRO5-10

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