




John Deere Pro Gator
2020, 2030 ROPS
Parts List & Mounting Instructions

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John Deere Pro Gator ROPS Mounting Instructions

Standard Parts List

Qty	Description	Photo
L&R	Front Cab Bracket	
L&R	Rear Cab Bracket	
2	Tube Spacers	
2	Cab Lift Brackets (2" Tube)	

Standard Bolts List

Qty	Description
4	Bolt, Hex, 1/2" x 3", Grade 8, Yellow Dichrome
2	Bolt, Hex, 1/2" x 3 1/2", Grade 8, Yellow Dichrome
2	Bolt, Hex, 3/8" x 2", Grade 8, Yellow Dichrome
2	Bolt, Hex, 3/8" x 3", Grade 8, Yellow Dichrome
6	Nut, Hex, Nylon Locking, 1/2", Grade 8, Yellow Dichrome
4	Nut, Flange, Nylon Locking, 3/8", Grade 8, Yellow Dichrome
4	Washer, Steel, Flat, 9/16" x 2 1/2", Plated
2	Washer, Steel, Flat, 1/2", Grade 8, Yellow Dichrome
4	Washer, Rubber, Flat, 1/2" x 2 1/2", Black
4	Isolator, Rubber, 1/2" x 2 1/2", Black

NOTE: All references to left and right are taken from the operator's point of view when he/she is sitting in the driver's seat.

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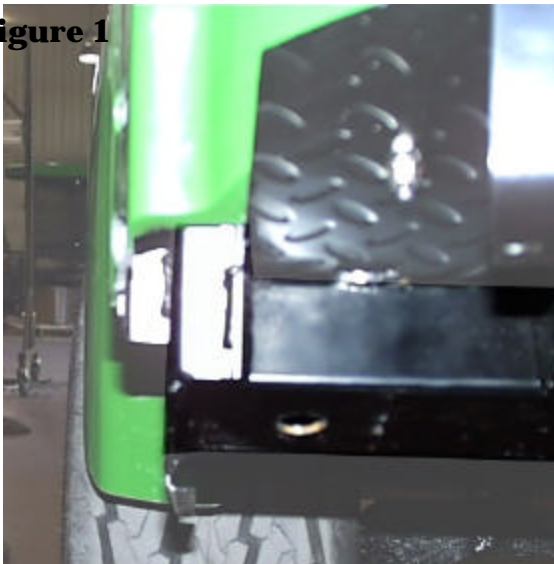
Prior to ROPS installation, the John Deere Pro Gator machine should be fitted with the John Deere Heavy Duty Leaf Spring Kit, Deere part #BM20433.

Use the following torque settings for all ROPS fasteners: for 3/8" bolts, 42 ft-lbs, for 1/2" bolts, 73 ft-lbs.

1. Remove 2-post ROPS guard, but keep ROPS fasteners to be re-used later, and remove left and right front bumper endcaps from machine.

2. Holes must be drilled into the machine chassis prior to installation. Using Figure 1 as a guide, measure 2 3/16" along left top edge of the front chassis crossmember, and then measure 1 1/2" down from that point to locate hole centre and drill a 13/16" hole through bottom, and a 1/2" hole through the top of the operator foot platform as shown in Figure 2. Repeat for the right side. (Note that right side of machine is shown in both Figure 1 & 2)

Figure 1



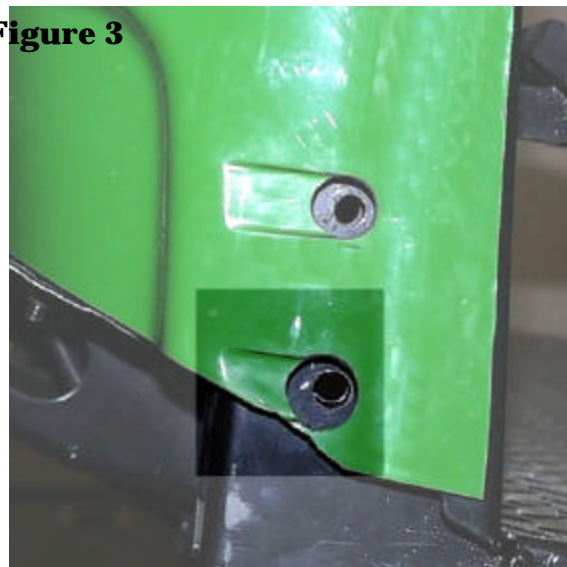
3. Using Figure 3 as a guide, locate the bottom hole in the green plastic panel and enlarge hole so that it is 7/8". The steel

hole must also be enlarged to a 7/16" hole. Repeat for the right side of the machine.

Figure 2



Figure 3



4. Take the left rear cab bracket and slide it down into the left 2-post ROPS socket. Using the factory ROPS hardware, loosely secure the bracket into place. (See Figure 4) Repeat for the right rear bracket. Do not torque down the brackets until after cab has been installed.

7. Now you are ready to install the ROPS. Install cab lift brackets through the pre-drilled holes into ROPS frame which

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Figure 4



is located above the B-post. The lift brackets are meant to stick away from the roof and allow a strap or chain to be attached and hoist the cab over the machine. HINT: the cab is not meant to drop straight down over the unit, the middle of the cab must drop down over the front hood and then slide back to the rear brackets. Ensure that all levers in the centre console of the machine are lowered to provide clearance for the cab. Lift the cab until the machine hood is centred below the cab. Slowly lower the cab until the cab clears the hood and the front mount, and the operator platform clears the bottom of the plastic panel from Figure 3. Slowly slide the cab backwards until the hood shield contacts the hood of the machine, and lower the cab down onto the machine. Take the left front bracket and one tube spacer and slide the front bracket into position as shown in Figure 8.

8. The tube spacer is used between the two holes drilled in step 2. Slide one $\frac{1}{2}$ " x $3\frac{1}{2}$ " hex bolt and the $\frac{1}{2}$ " grade 8 steel flat washer through the bottom of the bracket, through the foot platform and secure with one $\frac{1}{2}$ " locking hex nut. Take the $\frac{3}{8}$ " x 2" hex bolt and slide it through the top hole of the bracket and through the hole

enlarged in Figure 3. Repeat for the right side. Place one isolator on each mount pad, and secure with one $\frac{1}{2}$ " x 3" hex bolt, $\frac{9}{16}$ " x $2\frac{1}{2}$ " steel flat washer, $\frac{9}{16}$ " x $2\frac{1}{2}$ " rubber flat washer, and $\frac{1}{2}$ " locking hex nut at each mount. Torque rubber isolators until there is a $\frac{7}{8}$ " space between steel plates.

9. Torque all ROPS fasteners, except rubber isolators to torque specs provided earlier as soon as all hardware is loosely started and ensure that rubber isolator protrusion fits into mount plate.

10. Re-install vehicle bumper end caps.

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