

**Toro**

**580-D BOXER GBPP**




**Parts List & Mounting Instructions**

Jodale • Perry

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# Toro 580D Boxer Mounting Instructions

## Standard Parts List

Qty	Description	Photo
1	Front Bracket	
L&R	Rear Brackets	
2	Cab Lift Brackets (2" Tube)	
2	3/8" Black Snap Caps	
16 LF	180° O-rubber	
2 LF	90° O-rubber	
7 LF	NDA-X, 1/2" x 3/4"	
1	Step Weldment	

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.

# Toro 580D Boxer Mounting Instructions

## Standard Bolts List

<b>Qty</b>	<b>Description</b>
4	Bolt, Hex, 5/8" x 3", Gr. 8, Yellow Dichrome
4	Nut, Hex, 5/8", Gr. 8, Yellow Dichrome
4	Washer, Lock, 5/8"
4	Washer, Flat, Steel, 5/8", Gr. 8
4	Washer, Flat, Rubber, 5/8" x 2 1/2"
4	Isolator, Rubber, 5/8" x 2"
4	Bolt, Hex, 3/4" x 2 1/2", Gr. 8, Yellow Dichrome
4	Washer, Flat, Steel, 3/4", Gr. 8
4	Washer, Lock, 3/4"
6	Bolt, Hex, 7/16" x 1 1/2", Gr. 8, Yellow Dichrome
6	Nut, Hex, 7/16", Gr. 8, Yellow Dichrome
6	Washer, Flat, Steel, 7/16", Yellow Dichrome
6	Washer, Lock, 7/16"
2	Bolt, Flange, 3/8" x 3/4", Gr. 8, Yellow Dichrome

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NOTE: Use the following torque specifications for all hardware: 5/8" hardware 177 ft-lbs, 3/4" hardware 319 ft-lbs, 7/16" hardware 60 ft-lbs.

1. Remove the air intake cowling units located behind the operator seat. Remove the two plates and angle used to seal around the air intakes as well. Un-bolt the hydrostatic pedal from the operator platform.

2. Take the front bracket. Note all the holes in the front platform angle and the front bracket. Drill out all holes to a diameter of 1/2". Place the bracket against the platform and attach with the 7/16" x 1 1/2" hex bolts, 7/16" flat washers, 7/16" lock washers, and 7/16" hex nuts provided. Torque front mount hardware to specifications provided. See Figure.

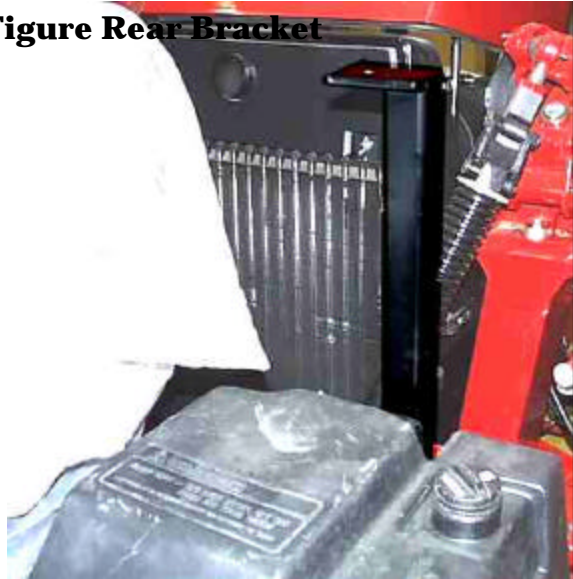
**Figure Front Bracket**



3. Take the left rear bracket and slide it into the 2-post socket so that the bolt holes on the bracket line up with the bolt holes in the platform and the mount plate is on the inside. Take the 3/4" x 2 1/4" hex bolts, 3/4" flat washers, and 3/4" lock washers and loosely bolt the bracket

into place. Do not tighten until cab is installed. See Figure.

**Figure Rear Bracket**



4. Go to the cab and prepare to install the O-rubber. Remove the left door, right escape window, and lower right window before lifting cab. Take the cab lift brackets provided and bolt through the holes in the upper A-C crossmember in front of the B-post. Attach a chain or lift strap to the lifting brackets and hoist the cab off of the shipping pallet a couple of feet to make O-rubber installation easier.

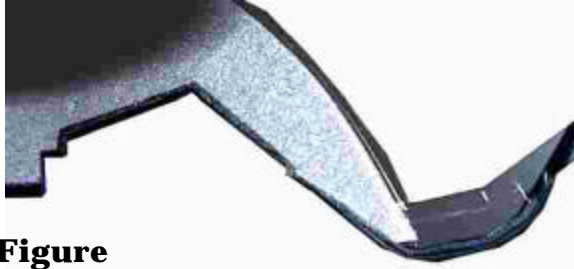
See following four Figures for weather stripping installation.



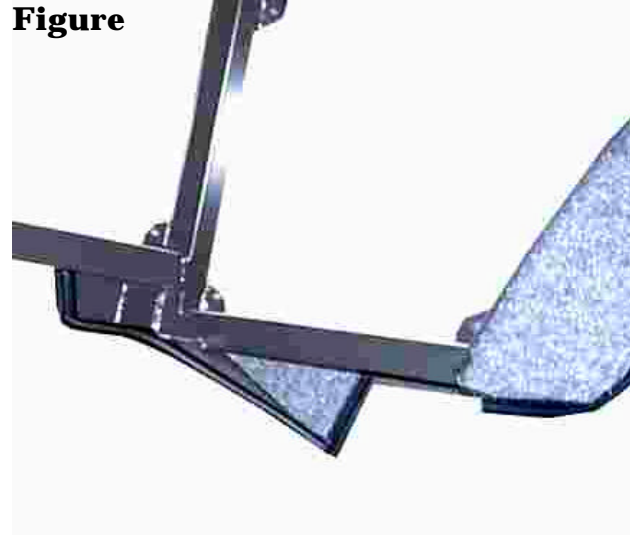
**Figure**

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.

## Toro 580D Boxer Mounting Instructions



5. Take the 180d O-rubber and move to the sheetmetal edge at the left front of the cab, near the lower windshield crossmember. Slide the rubber onto the edge and work your way around to the back of the cab. Take the 90d O-rubber and put a short piece onto the rear shield as shown, with the blub facing outward. Take the 180d O-rubber and continue along the rear shield until you reach the same spot on the right side for the 90d



O-rubber. Continue with the 180d O-rubber until you reach the end of the sheetmetal on the right shield. Take the  $\frac{1}{2}$ " x  $\frac{3}{4}$ " NDA-X and attach to the horizontal bottom right fixed window tube along the inside edge as shown in the Figure. Take a short piece of 90d O-rubber and install on the short edge as shown, then continue with 180d O-rubber until you reach the lower windshield crossmember.

6. Take the  $\frac{1}{2}$ " x  $\frac{3}{4}$ " NDA-X and move to the front bracket that is installed on the tractor. Peel back the adhesive back and attach to the top edge of the bracket as shown in Figure 12.



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## Toro 580D Boxer Mounting Instructions

7. Lift the cab over the tractor. Place one rubber isolator onto each mount bracket plate. Slowly lower the cab until the mount plate contacts the rubber isolators. Using 5/8" x 3" hex bolts, 5/8" steel flat washers, 5/8" rubber flat washers, 5/8" lock washers, and 5/8" hex nuts, start each mounting bolt. As soon as all bolts are started begin torquing all mounting hardware to the specifications provided. For the rubber isolated mounts, torque bolts until there is a 7/8" space between mounting plates. Torque bracket hardware as well.

8. Remove cab lift brackets and install 3/8" snap caps into holes. Re-install cab door, right escape window, and lower right window.

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