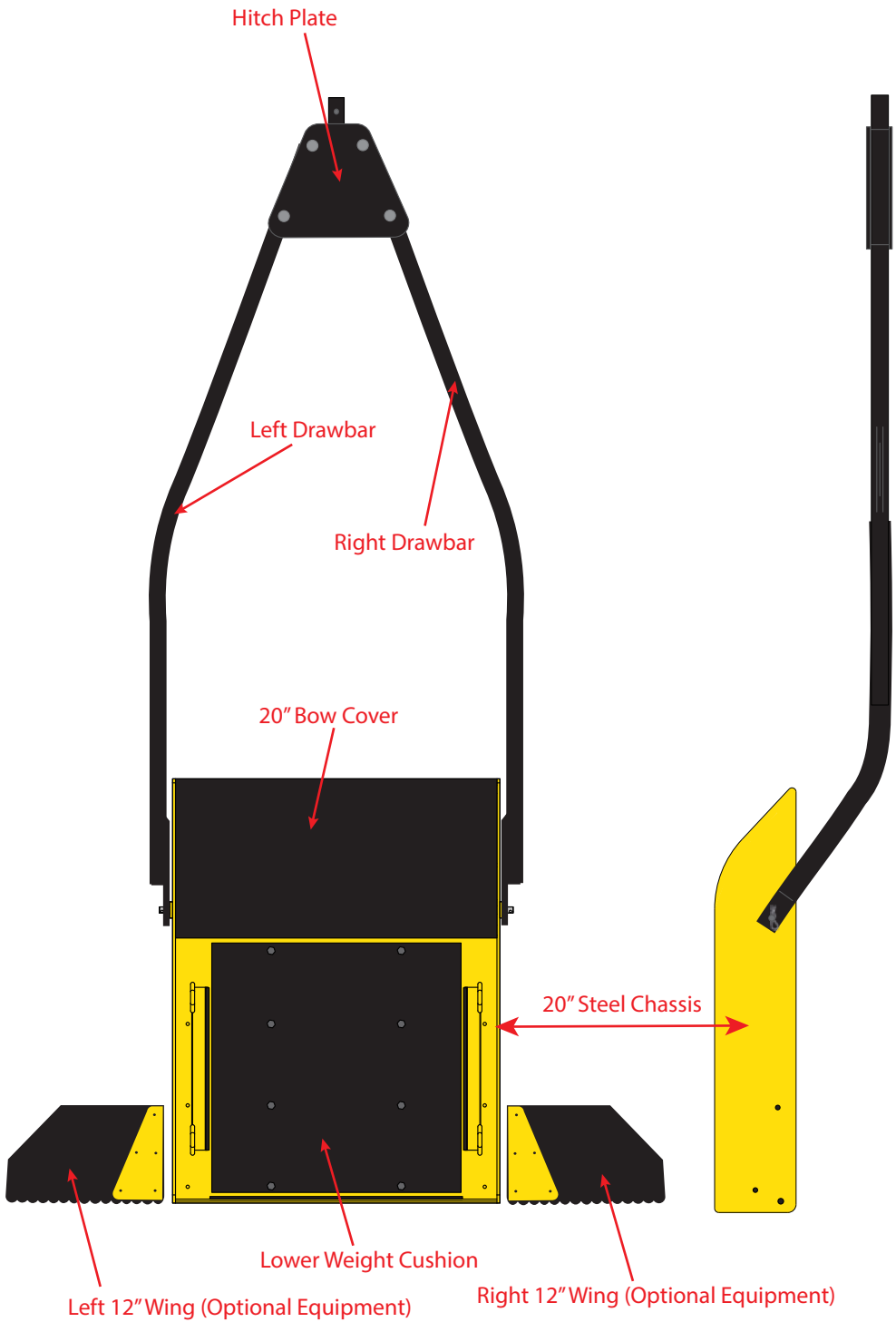




**PATH-MASTER<sup>®</sup>**  
**Assembly Instructions**





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# TOOLS



**7/16 WRENCH**



**1/2 WRENCH**



**7/16 SOCKET  
1/2 SOCKET  
& RACHET**



**NEEDLE NOSE  
PLIERS**

# PARTS & HARDWARE

**1 – 20" PATH-MASTER® CHASSIS**

**1 – DRAWBAR ASSEMBLY**

- 44" STANDARD
- PATH-MASTER DRAWBAR \*
- BEST-LINE 76\*

(ONLY 1 DRAWBAR INCLUDED)

**1 – 12" WING SET (OPTIONAL)**

- 1 – LEFT 12" WING
- 1 – RIGHT 12" WING
- 4 – 1/4-20 X 3/4" SS HEX BOLTS
- 4 – 1/4-20 STAINLESS STEEL NYLOCK NUTS

**1 – ASSEMBLY HARDWARE KIT**

- 1 – WEIGHT COVER
- 2 – 15" RUBBER STRAPS
- 1 – 6" PIN COUPLER W/ DETENT PIN  
OR 6" RING COUPLER
- 2 – 1-5/8" SHEAR PINS
- 2 – 3/8" WASHERS
- 2 – COTTER KEYS
- \* 1 – UPPER HITCHPLATE
- \* 1 – LOWER HITCHPLATE
- \* 4 – 5/16-18 X 2-1/2" CARRIAGE BOLTS
- \* 4 – 5/16-18 STAINLESS STEEL NYLOCK NUTS

# ASSEMBLY

## STEP 1 – WINGS

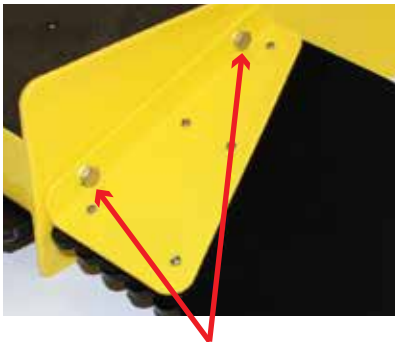
If your grooming package includes the 12” Wing Set complete Step 1, otherwise skip to Step 2.

Attach either wing with the black urethane comb facing down and the corduroy combs near the rear of the chassis.

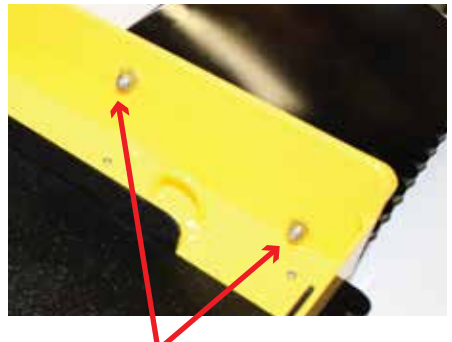
Using the included 1/4-20 x 3/4” Stainless Steel Hex Bolts and 1/4-20 Stainless Steel Nylock Nuts, insert the bolts through the wing bracket and through the chassis.

Finger tighten the 1/4-20 Stainless Steel Nylock Nuts until both bolts are installed.

Tighten all four bolts and nuts using a 7/16 wrench on the hex bolt and a 7/16 socket on the nut.



**STAINLESS STEEL HEX BOLT**



**STAINLESS STEEL NYLOCK NUT**

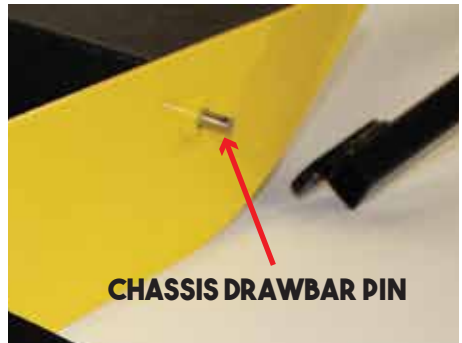
# ASSEMBLY

## STEP 2 – DRAWBAR

**44" Standard Drawbar** - Start by arranging the drawbar so the flat hitchplate is up. Place one side of the drawbar over the chassis drawbar pin.

While securely holding the chassis, pull slightly on the opposite drawbar arm and slide over the chassis drawbar pin.

Add the 3/8 washer to the chassis drawbar pin and insert the cotter pin through the hole through the chassis drawbar pin. Using the needle nose pliers, bend the cotter pin halves in opposite directions to securely fasten the drawbar to the chassis.



# ASSEMBLY

## STEP 2 – DRAWBAR

**PATH-MASTER or Best-Line 76 Drawbar** - Start by attaching the drawbars separately. Place one side of the drawbar over the chassis drawbar pin with the chassis connection end flat to the chassis and the hitchplate end coming together in front of the chassis. Repeat for opposite side.

Add the 3/8 washer to the chassis drawbar pin and insert the cotter pin through the hole through the chassis drawbar pin. Using the Needle Nose pliers, bend the cotter pin halves in opposite directions to securely fasten the drawbar to the chassis.

Join the two drawbar arms together with the upper and lower hitchplate. The upper hitchplate has the square holes for the four 5/16 x 2-1/2" carriage bolts to be inserted from the top. After aligning and inserting all four carriage bolts, hand tighten the 5/16 SS Nylock nuts. Using the 1/2 Socket and Ratchet, securely tighten the nylock nuts.





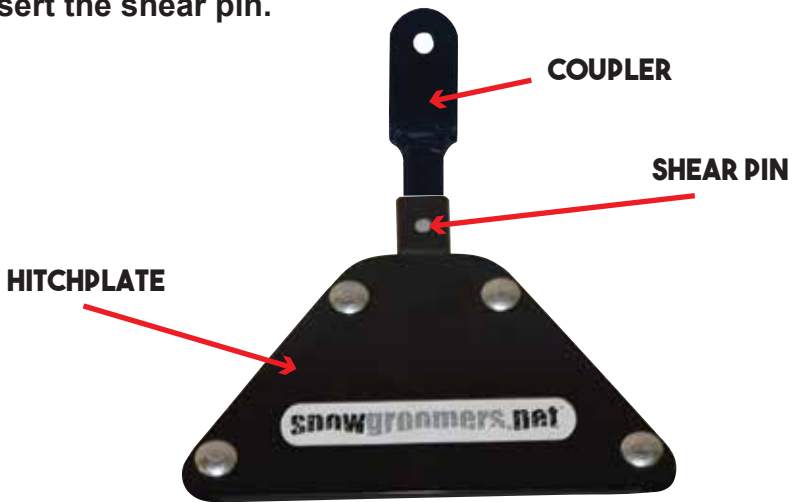


# ASSEMBLY

## STEP 3 – COUPLER

Add the coupler by sliding the square end of the Pin or Ring coupler into the Drawbar Hitch until the shear pin holes align.

Insert the shear pin.



**STANDARD PIN COUPLERS**



**RING COUPLERS**

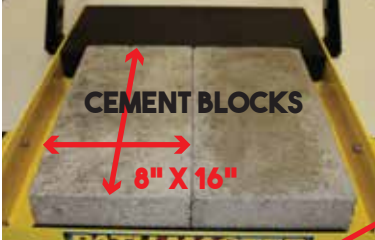
# ASSEMBLY

## STEP 4 – WEIGHTS

As you prepare to begin grooming with your new snow grooming equipment, you have an option to consider. Adding additional weight to the chassis enables you to adjust to current snow and existing trail conditions.

Add two cement blocks to the chassis, place the weight cover over the blocks, and secure with the 2-15” Rubber straps.

Connect the strap hooks into the “D” rings on either side of the weight plate area of the chassis.



WEIGHT COVER

15" RUBBER STRAPS

"D" RING

FRESH/SOFT SNOW  
HEAVY/HARD SNOW

ADD (2) 4" X 8" X 16" BLOCKS  
ADD (2) 6" X 8" X 16" BLOCKS

36 LBS EACH  
55 LBS EACH

## STORAGE & CARE

For best storage results, remove weights, and debur bottom of runners. Rinse with water and wipe down with mineral spirits. Apply small amounts of grease to drawbar pins, bottom of runners and coupler shaft. Store inside, away from direct sunlight.

**WE HOPE YOU ENJOY YOUR NEW SNOW GROOMER!**

**FROM OUR TEAM TO YOURS, THANK YOU TRUSTING YOUR SNOW GROOMING NEEDS TO US. MANY HOURS HAVE GONE INTO MAKING AND DELIVERING HIGH QUALITY EQUIPMENT THAT IS EXPECTED TO LAST A LIFETIME. WE HOPE YOU ENJOY UTILIZING SNOWGROOMER.NET EQUIPMENT AS MUCH AS WE ENJOYED MAKING IT.**

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