

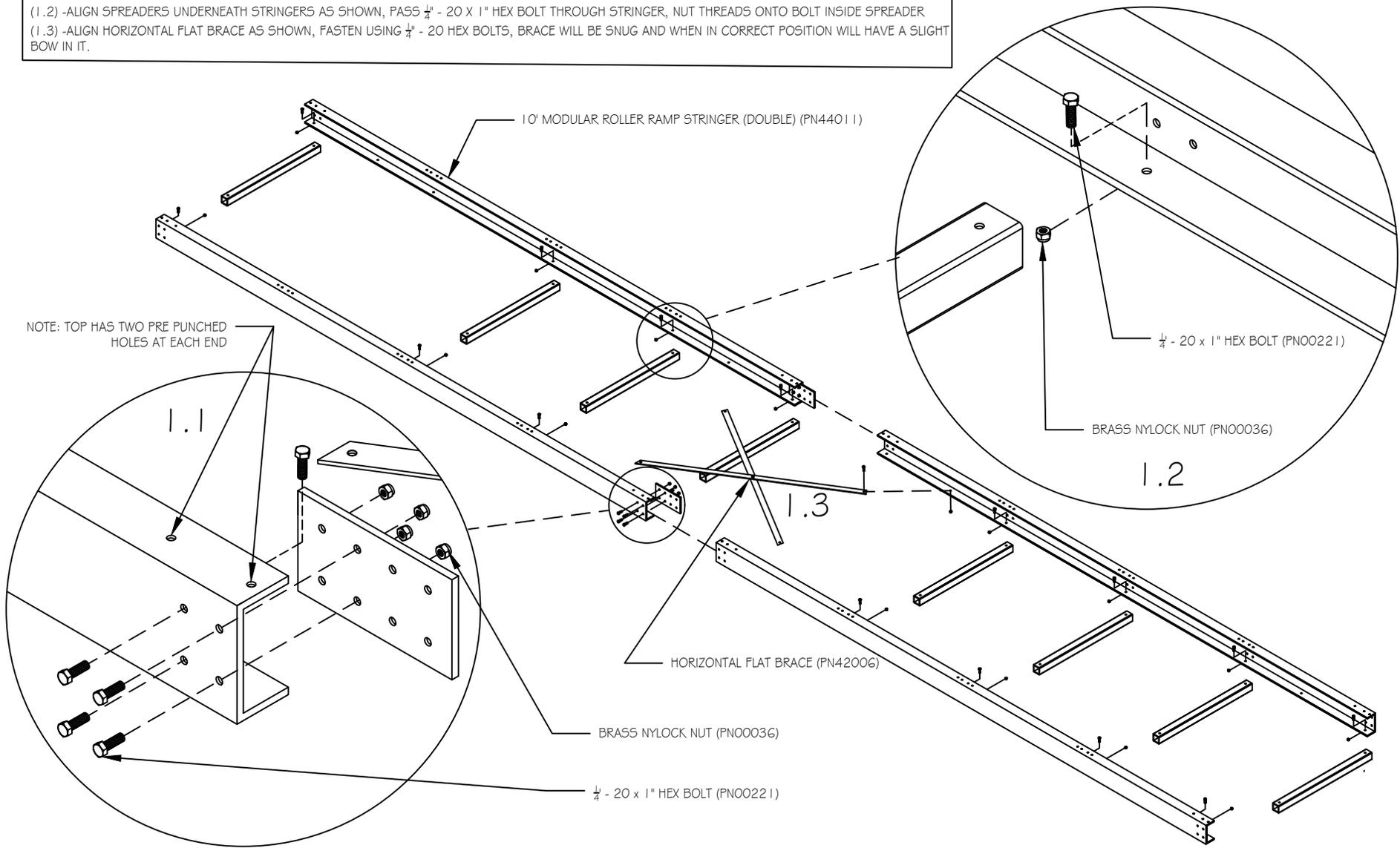
DOUBLE ROLLER RAMP ASSEMBLY INSTRUCTIONS

TOOLS REQUIRED:

- RATCHET WITH $\frac{7}{16}$ " & $\frac{9}{16}$ " SOCKET
 - $\frac{7}{16}$ " & $\frac{9}{16}$ " WRENCH

91 HARDWARE

- (1.1) -ALIGN FOUR 10' ROLLER RAMP STRINGERS AS SHOWN (NOTE: TOP HAS TWO HOLES AT EACH END)
- WITH FOUR $\frac{1}{4}$ " - 20 x 1" HEX BOLTS ATTACHED BOTH JOINER PLATES AS SHOWN
- WITH ADDITIONAL FOUR NUTS/BOLTS CONNECT STRINGERS MAKING TWO 20' STRINGERS AS SHOWN
- (1.2) -ALIGN SPREADERS UNDERNEATH STRINGERS AS SHOWN, PASS $\frac{1}{4}$ " - 20 x 1" HEX BOLT THROUGH STRINGER, NUT THREADS ONTO BOLT INSIDE SPREADER
- (1.3) -ALIGN HORIZONTAL FLAT BRACE AS SHOWN, FASTEN USING $\frac{1}{4}$ " - 20 HEX BOLTS, BRACE WILL BE SNUG AND WHEN IN CORRECT POSITION WILL HAVE A SLIGHT BOW IN IT.



FENDOCK

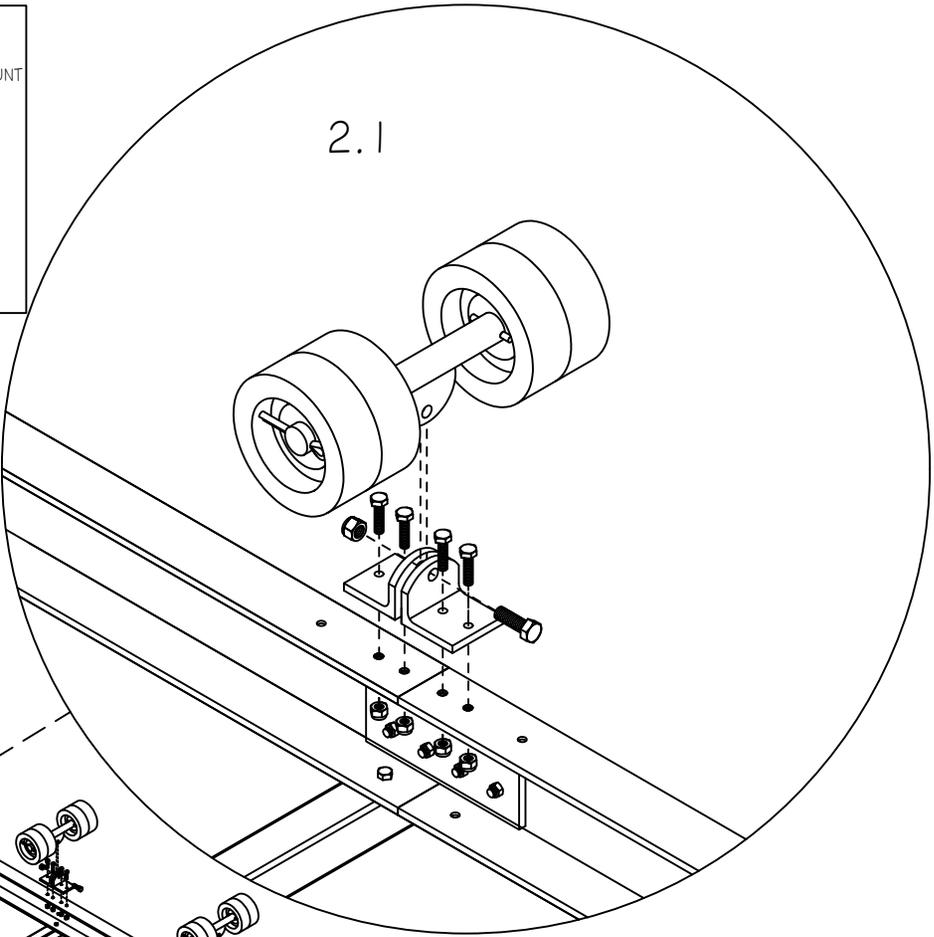
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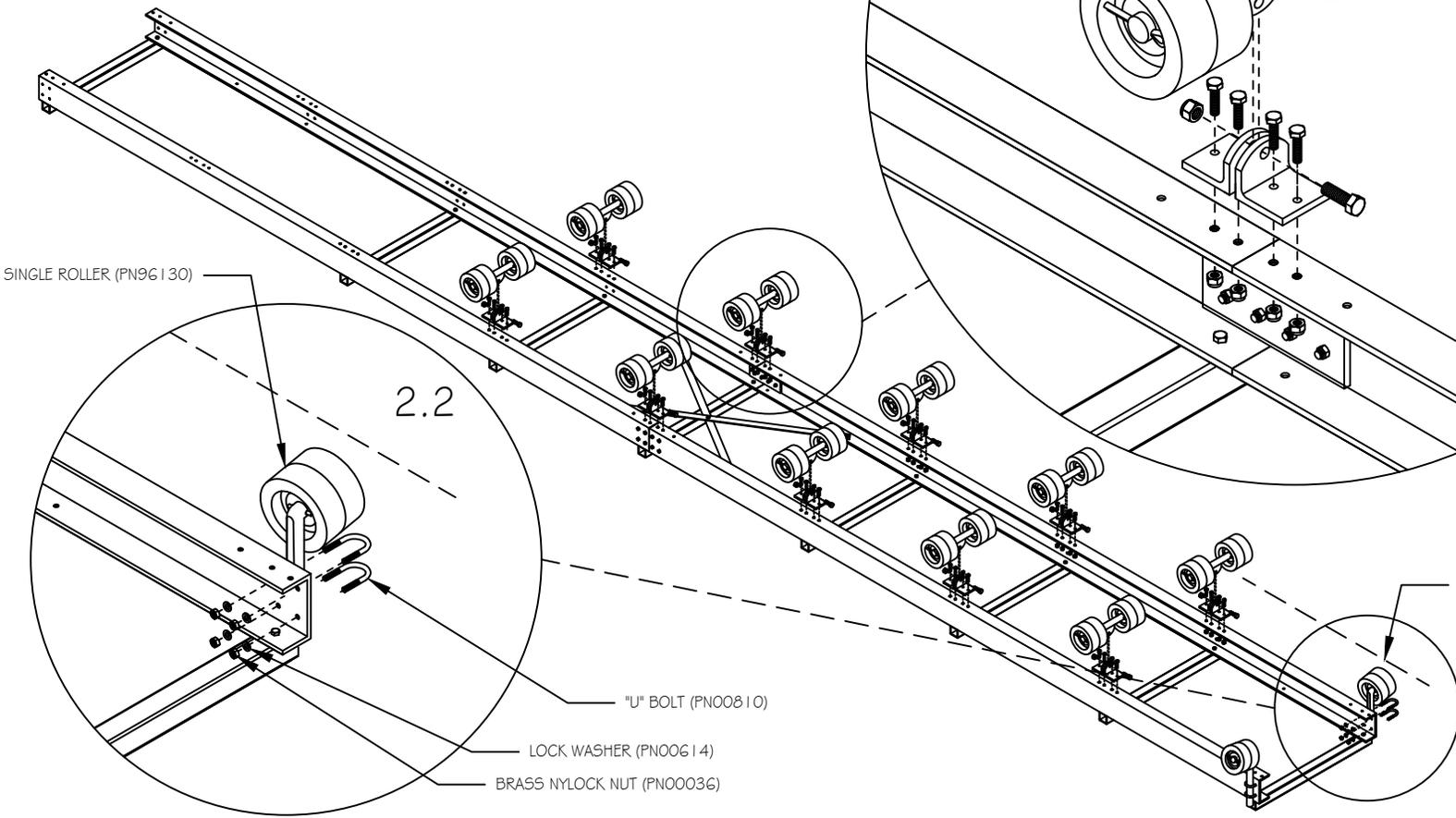
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52 HARDWARE

- (2.1) -PLACE AXLE MOUNTING BRACKETS AS SHOWN, USING TWO $\frac{1}{4}$ " X 1" HEX BOLTS AND $\frac{1}{4}$ " NYLOCK BRASS NUTS MOUNT BOTH AXLES. DO NOT FULLY TIGHTEN
- ONCE AXLES ARE IN PLACE SLIP DOUBLE ROLLER IN BETWEEN, USING A $\frac{3}{8}$ " X $\frac{1}{4}$ " HEX BOLT AND $\frac{3}{8}$ " BRASS NUT SECURE THE ROLLER TO THE AXLES
- (2.2)-ON OUTSIDE OF STRINGER PLACE "U" BOLTS THROUGH PRE PUNCHED HOLES AS SHOWN
- INSIDE STRINGER PLACE LOCK WASHERS THEN BRASS NYLOCK NUTS ONTO "U" BOLTS AS SHOWN
- DO NOT TIGHTEN FULLY KEEP "HAND TIGHT"
- SLIDE SINGLE ROLLER DOWN THROUGH "U" BOLTS ON OUTSIDE OF STRINGER, FLAT SIDE AGAINST STRINGER, ENSURE THE SINGLE ROLLERS ARE LOWER THAN THE DOUBLES. THIS WILL HELP WHEN ROLLING WATER CRAFT IN
- TIGHTEN FULLY WHEN FULL ASSEMBLY IS CONNECTED



2.1



SINGLE ROLLER (PN96130)

2.2

"U" BOLT (PN00810)

LOCK WASHER (PN00614)

BRASS NYLOCK NUT (PN00036)

ENSURE FIRST ROLLERS ARE LOWER THEN THE REST

FENDOCK

DOUBLE ROLLER RAMP ASSEMBLY INSTRUCTIONS

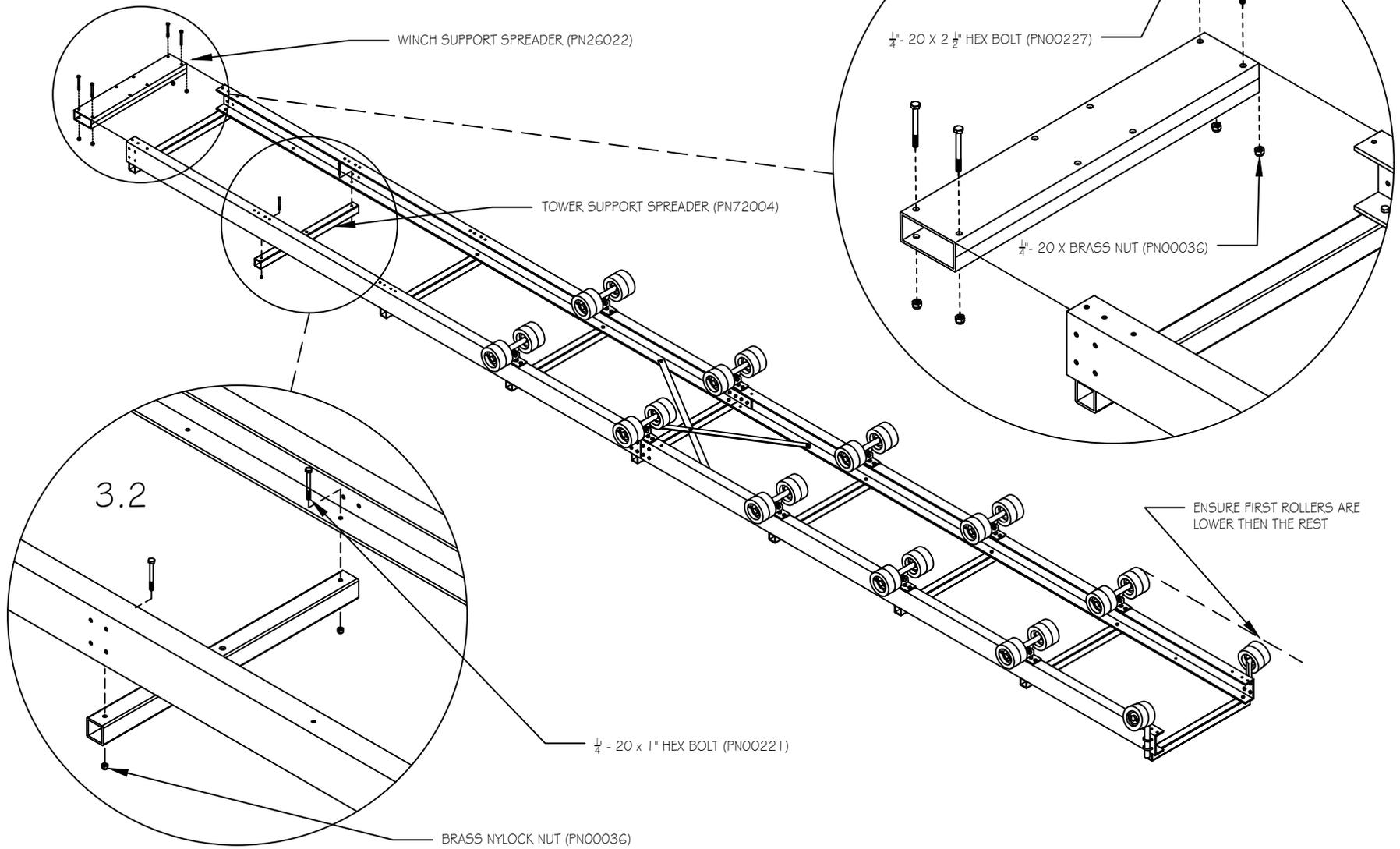
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S3 HARDWARE

- (3.1)-INSERT THE WINCH SUPPORT SPREADER, ATTACH TO STRINGERS WITH FOUR $\frac{1}{4}$ "-20 X $2\frac{1}{2}$ " HEX BOLTS AS SHOWN
- (3.2)-PLACE TOWER SUPPORT SPREADER IN THE THIRD SET OF HOLES IN, ENSURE CIRCULAR HOLE FACES UP



FENDOCK

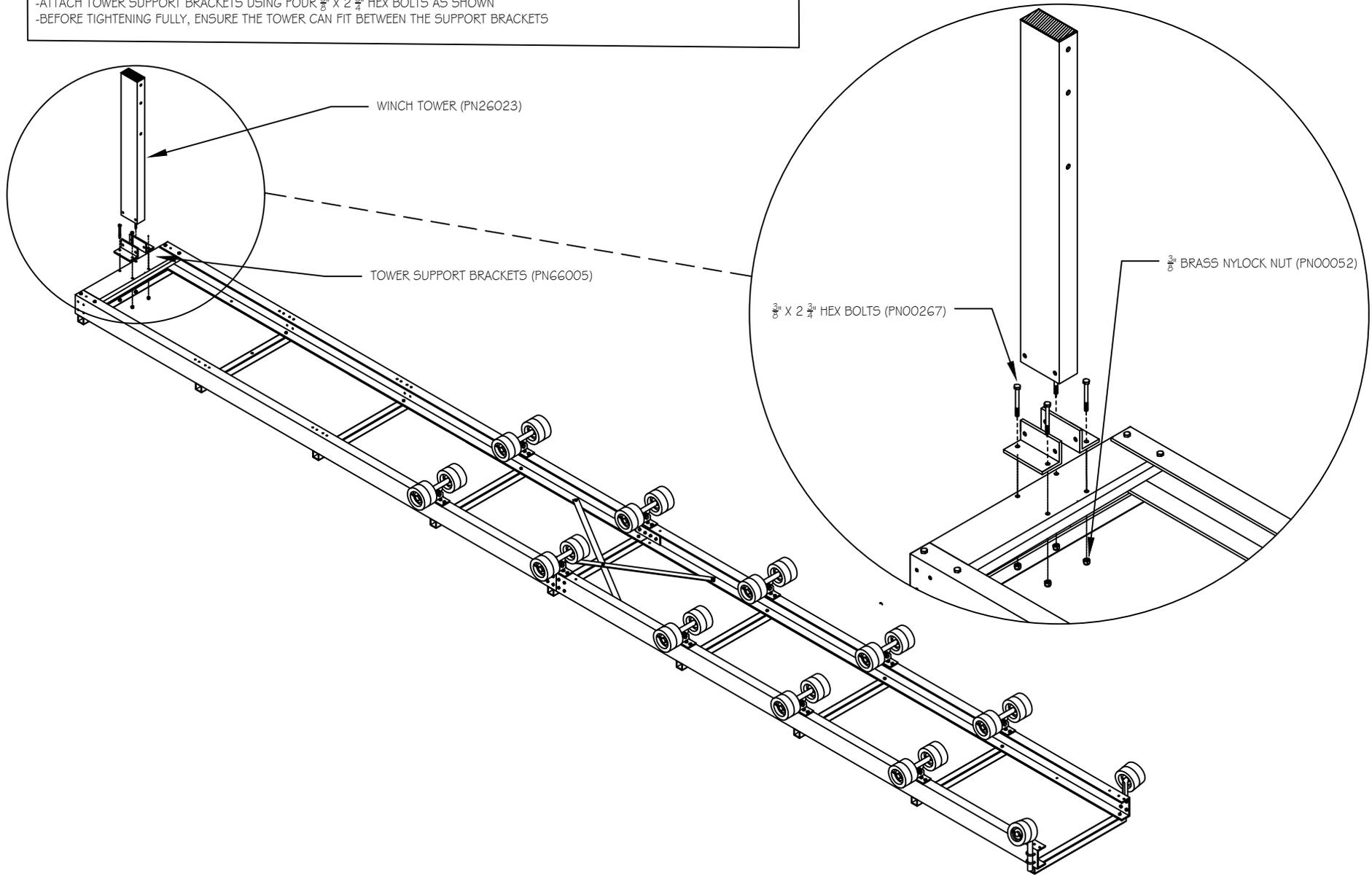
DOUBLE ROLLER RAMP ASSEMBLY INSTRUCTIONS

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S4 HARDWARE

- ATTACH TOWER SUPPORT BRACKETS USING FOUR $\frac{3}{8}$ " X $2\frac{3}{4}$ " HEX BOLTS AS SHOWN
- BEFORE TIGHTENING FULLY, ENSURE THE TOWER CAN FIT BETWEEN THE SUPPORT BRACKETS



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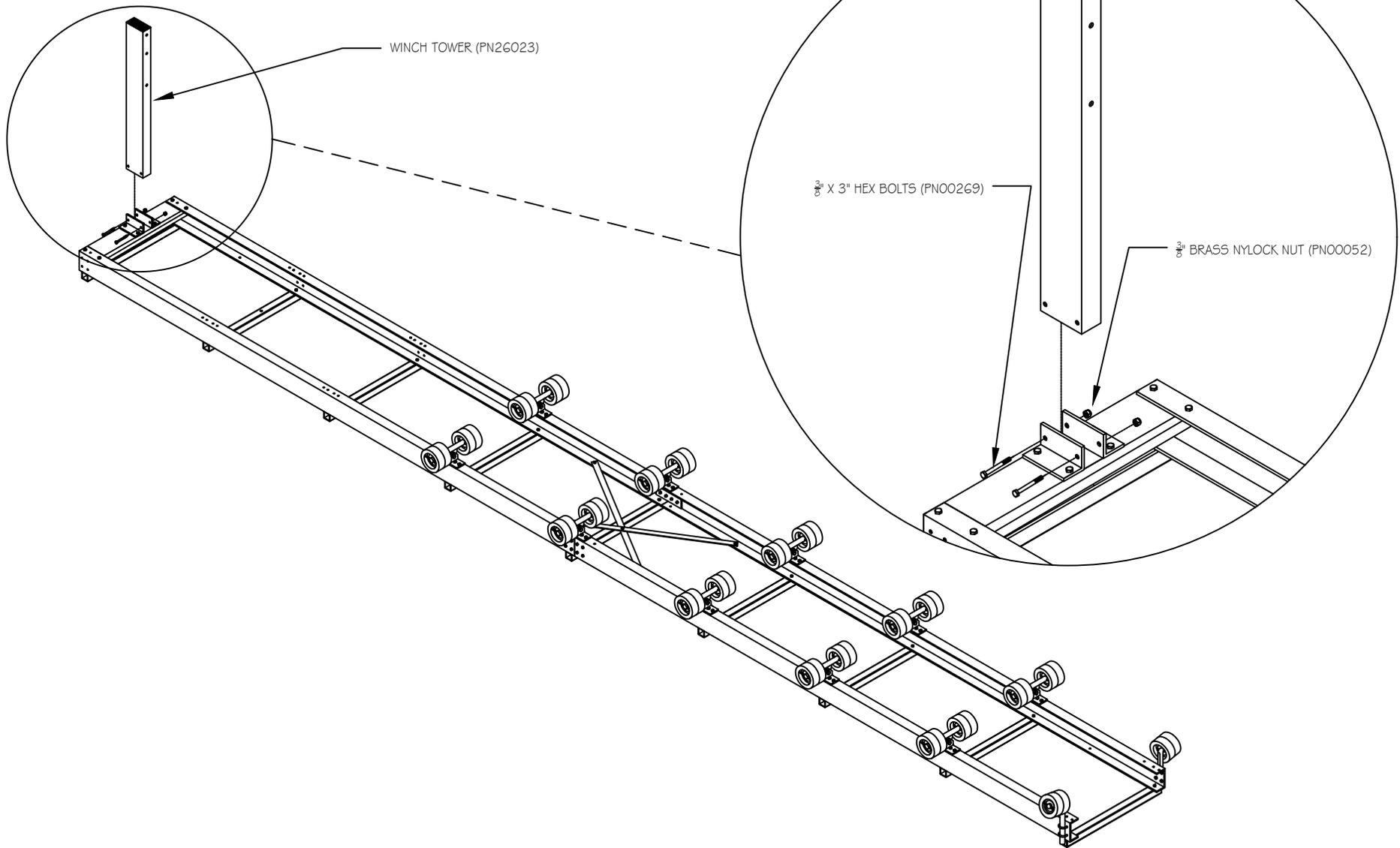
DOUBLE ROLLER RAMP ASSEMBLY INSTRUCTIONS

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S5 HARDWARE

-ATTACH WINCH TOWER USING TWO $\frac{3}{8}$ " X 3" HEX BOLTS AS SHOWN



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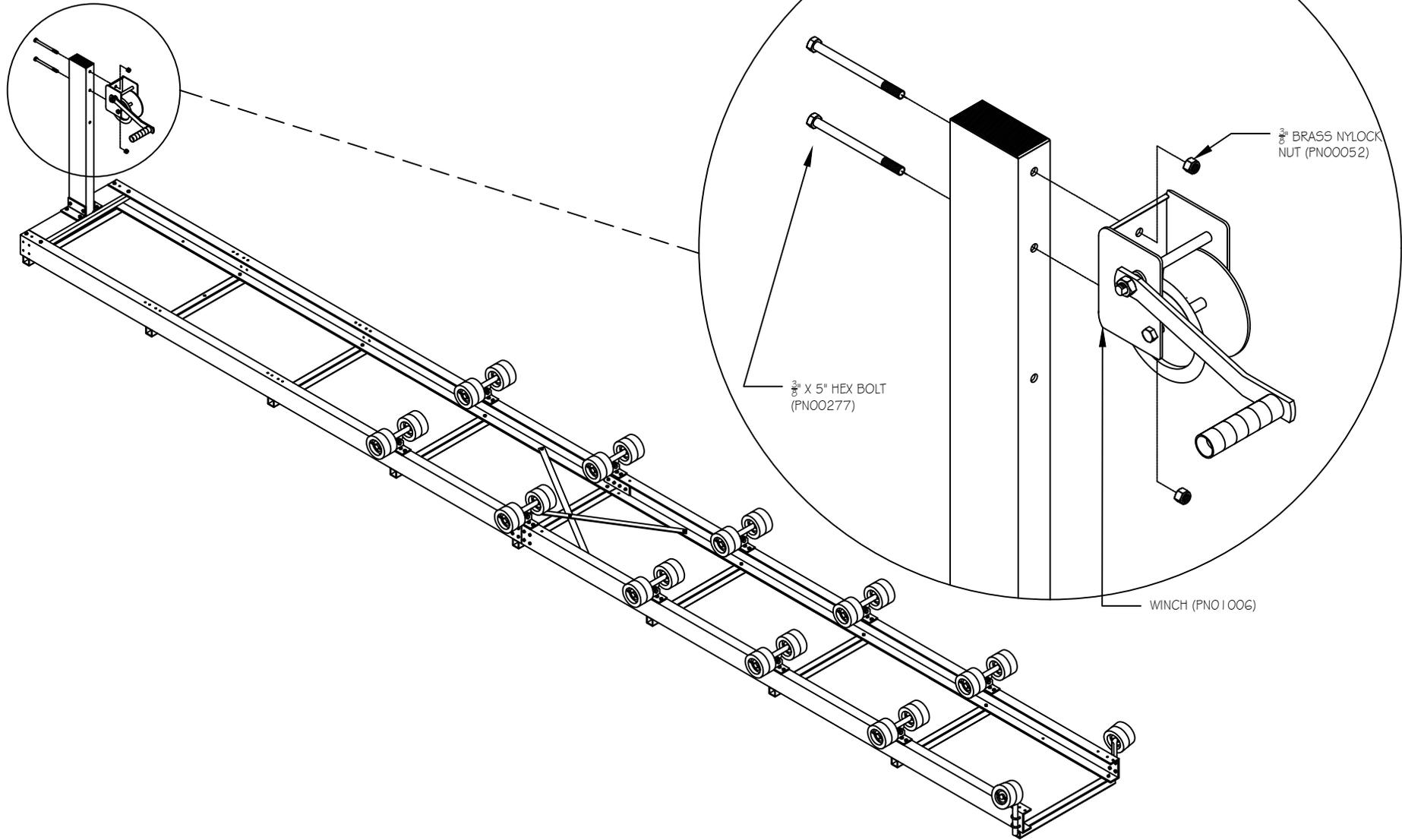
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56 HARDWARE

- ATTACH WINCH USING TWO $\frac{3}{8}$ " X 5" HEX BOLTS. ENSURE NUTS ARE ON THE WINCH SIDE AS SHOWN
- ONCE WINCH IS TIGHTENED FULLY PLACE BLACK CAP ON TOP OF TOWER
- USING A RUBBER Mallet OR WOOD BLOCK AND HAMMER DRIVE CAP INTO END OF TOWER UNTIL IT IS FULLY SEATED



FENDOCK

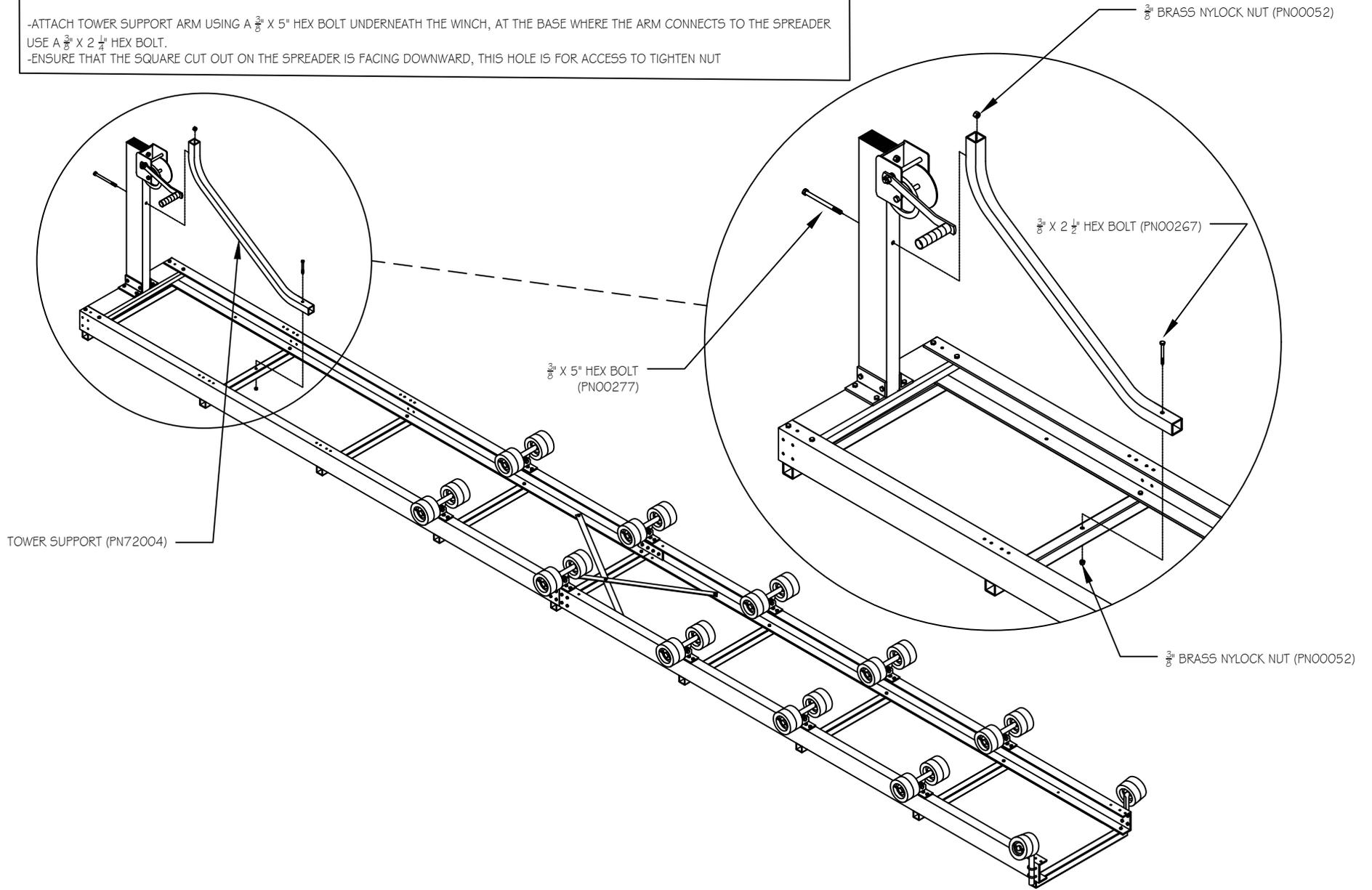
DOUBLE ROLLER RAMP ASSEMBLY INSTRUCTIONS

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S7 HARDWARE

- ATTACH TOWER SUPPORT ARM USING A $\frac{3}{8}$ " X 5" HEX BOLT UNDERNEATH THE WINCH, AT THE BASE WHERE THE ARM CONNECTS TO THE SPREADER
- USE A $\frac{3}{8}$ " X 2 $\frac{1}{2}$ " HEX BOLT.
- ENSURE THAT THE SQUARE CUT OUT ON THE SPREADER IS FACING DOWNWARD, THIS HOLE IS FOR ACCESS TO TIGHTEN NUT

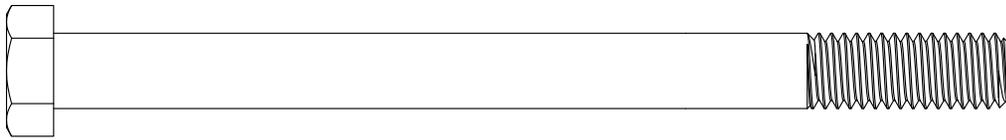


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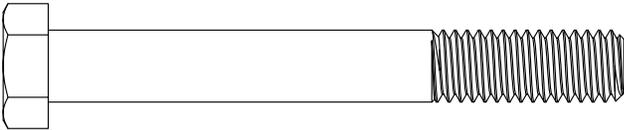
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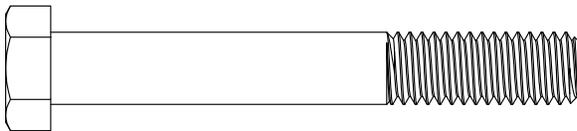
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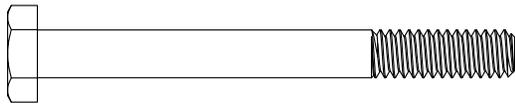
-(QTY.3) PN00277 HEX BOLT SS.
3/8-16 X 5"



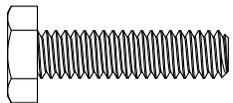
-(QTY.2) PN00269 HEX BOLT SS.
3/8-16 X 3"



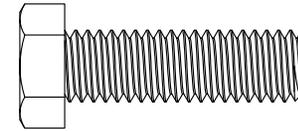
-(QTY.4) PN00268 HEX BOLT SS.
3/8-16 X 2 3/4"



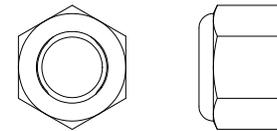
-(QTY.4) PN00227 HEX BOLT SS.
1/4-20 X 2 1/2"



-(QTY.78) PN00221 HEX BOLT SS.
1/4-20 X 1"



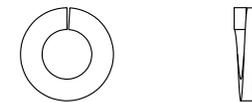
-(QTY.10) PN00262 HEX BOLT SS.
3/8-16 X 1 1/4"



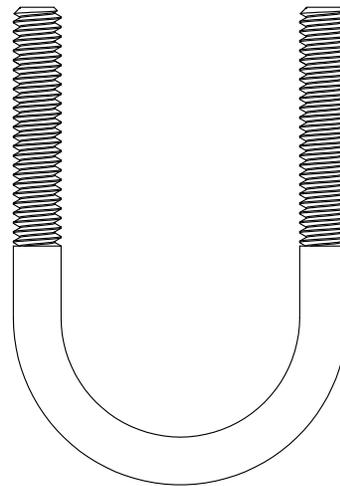
-(QTY.10) PN00052 BRASS NYLOCK
NUTS 3/8-16



-(QTY.90) PN00036 NYLOCK NUT BRASS
1/4-20



-(QTY.8) PN00614 LOCK WASHER SS 1/4"



-(QTY.4) PN00810 "U" BOLT SS.