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#924 Ladder Treads Are 23–3/4" Wide and 7–1/4" Deep.

#930 Ladder Treads Are 29–3/4" Wide and 7–1/4" Deep.

Overall Width of #924 Ladders Is 29".

Overall Width of #930 Ladders Is 35".

Ladder Inclines Are At 75 Degrees To The Horizontal Plane

Note — All Ladder Feet Must Be Anchored To The Floor.
(anchors supplied by others)
1. FLOOR ANGLES TO RISER PANELS ASSEMBLY.

NOTE: CLEARSPAN LADDER CROSSOVER IS TO BE ANCHORED TO FLOOR BUT NOT UNTIL THE CROSSOVER IS COMPLETELY ASSEMBLED. FLOOR ANCHORS ARE TO BE FURNISHED BY OTHER. FLOOR ANGLES MAY BE INSTALLED INSIDE OR OUTSIDE OF THE RISER PANELS. (INSIDE SHOWN)

- #13182 LOCK WASHER
- #13191 HEX NUT
- #13188 HEX HEAD BOLT
- #9552 FLOOR ANGLE

2. CLEARSPAN CHANNEL TO RISER PANELS ASSEMBLY.

NOTE: ASSEMBLE ONE R.H. AND ONE L.H. UNIT BEFORE PROCEEDING TO STEP 3.

- #13188 HEX HD MACH SCREW 3/8" x 3/4"
- #13182 SPRING LOCK WASHER 3/8"
- #13191 HEX NUT 3/8"

(5 PER END)
③ TREAD TO CLEARSPAN CHANNELS ASSEMBLY.

#13152 HEX HD SCREW
12" GRATING WIDE
16141=30" WIDE
16142=24" WIDE

#13152 TWIN WHIZZ LOCKNUT

CLEARSPAN CHANNEL

NOTE: TIGHTEN ALL BOLTS SECURELY.

④ TREAD TO RISER PANELS ASSEMBLY.

a. SECURE TREAD SUPPORT TO TREAD.

#9551 TREAD SUPPORT

16361=30" LONG
16362=24" LONG

TREAD 7 1/4" WIDE

#13152 HEX HD SCREW 5/16" X 5/8"
#13051 TWIN WHIZZ LOCKNUT 5/16" (4 PER PANEL)
4. TREAD TO RISER PANELS ASSEMBLY:

b. SECURE TREAD ASSEMBLY TO RISER PANEL

![Diagram of tread assembly with labels: #13188 HEX HD MACH SCREW, #13191 HEX NUT, #13182 SPRING LOCK WASHER.]

#13188 HEX HD MACH SCREW 3/8" x 3/4"  
#13182 SPRING LOCK WASHER 3/8"  
#13191 HEX NUT 3/8"  
(4 PER TREAD)

5. DIAGONAL BRACES TO RISER PANELS ASSEMBLY:

- X04 THROUGH X06
- X07 THROUGH X11

![Diagram of diagonal braces with labels: #13051 TWIN WHIZZ LOCKNUT 5/16".]

BACK VIEW OF LADDERS AND BRACING LAYOUT

ASSEMBLY PRECAUTION:
DIAGONAL BRACES MUST BE ATTACHED TO LADDER TO PROVIDE STABILITY. FAILURE TO ATTACH THE BRACES WILL RESULT IN AN UNSAFE UNIT.

DIAGONAL BRACE (EITHER 4 OR 8 PER UNIT)

#6492 24" WIDE UNIT BRACES ARE 33 23/32" LONG
#6493 30" WIDE UNIT BRACES ARE 38 1/8" LONG

NOTE: AFTER DIAGONAL BRACES ARE BOLTED IN PLACE, BOLT BRACES IN THE MIDDLE AS SHOWN BELOW.
6. RAILING TO RISER PANELS ASSEMBLY,
   (LOWER BRACKET+RAILING CHANNEL ASSEMBLY)

   #13191 HEX NUT
   #7685 LOWER RAILING BRACKET
   #13188 HEX HD MACH SCREW
   RAILING CHANNEL

   #13188 HEX HD MACH SCREW 3/8" x 3/4"
   #13191 HEX NUT 3/8
   (1 PER LOWER BRACKET)

6. RAILING TO RISER PANELS ASSEMBLY,
   (UPPER BRACKET+RAILING CHANNEL ASSEMBLY)

   #13154 PHIL TRUSS HD
   RAILING CHANNEL
   #13051 TWIN WHIZZ LOCKNUT
   UPPER RAILING BRACKET

   #13154 PHIL TRUSS HD 5/16" x 5/8"
   #13051 TWIN WHIZZ LOCKNUT 5/16"
   (1 PER SET OF BRACES)


6. RAILING TO RISER PANELS ASSEMBLY.

- #13154 PHIL TRUSS HD SCREW
- #13051 TWIN WHIZZ LOCKNUT 5/16” (2 PER UPPER BRACKET)
- #13188 HEX HD MACH SCREW
- #13191 HEX NUT

NOTE: SOME TREAD BOLTS WILL HAVE TO BE REMOVED AND REINSTALLED WHEN FASTENING LOWER RAILING TO UNIT.

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7. HANDRAILS TO RAILING CHANNELS ASSEMBLY.

a. INSTALLING CAPTIVE NUTS ON CLAMP PLATE

- CAPTIVE NUT
- #7614 CLAMP PLATE

CAPTIVE NUT ASSEMBLY
INSERT ONE LIP OF THE RETAINER INTO HOLE IN PLATE. INSERT BLADE OF SCREWDRIVER INTO REMAINING LIP AND PUSH IN AND DOWN TO COMPLETE NUT ASSEMBLY.
HANDRAILS TO RAILING CHANNELS ASSEMBLY,

b. RAILING AND TOP CAP ASSEMBLY

#10202 CAP

#13143 PHIL PAN HD SHEET METAL SCREW

#12454 UPPER RAIL

#13129 PHIL TRUSS HD SCREW

CLAMP PLATE

#12455 LOWER RAIL

RAILING CHANNEL

RAILING CHANNEL

INSERT CLAMP PLATE INTO RAILING AS SHOWN. FASTEN HANDRAILS WITH 1/4" x 1 1/4" TRUSS HEAD BOLT AND CAPTIVE NUT. AFTER ASSEMBLY, ATTACH CAP AS SHOWN.

#13143 PHIL PAN HD SHEET METAL SCREW #10- 1/2" (2 PER CAP)

#13129 PHIL TRUSS HD SCREW 1/4" X 1 1/4" (2 PER RAILING)