Clear Span Crossover Assembly Instructions

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## CLEARSPAN CROSSOVER

| 924B04 | 930B04 | 936B04 | 31" | 6' 2 1/2" | 9' 11" |
| 924B05 | 930B05 | 936B05 | 39" | 6' 10 1/2" | 11' 5 |
| 924B06 | 930B06 | 936B06 | 47" | 7' 6 1/2" | 12' 10" |
| 924B07 | 930B07 | 936B07 | 55" | 8' 2 1/2" | 12' 10" |
| 924B08 | 930B08 | 936B08 | 63" | 8' 10 1/2" | 14' 4" |
| 924B09 | 930B09 | 936B09 | 71" | 8' 6 1/2" | 15' 9" |
| 924B10 | 930B10 | 936B10 | 79" | 10' 2 1/2" | 17' 3" |
| 924B11 | 930B11 | 936B11 | 88" | 10' 11 1/2" | 18' 9" |
1 Bolting Tread Support Angles and Base to Riser Panels.

Number of tread supports are determined by the height of the clearspan crossover. All tread supports are to be fastened to riser panels.

Bolt through hole #1
Fasten both ends of the tread support at the front through 13/32" dia. holes.

#13182 Lockwasher
#13191 Hex Nut

#13188 Hex HD Screw

#13188 Hex HD Screw 3/8" X 3/4"
#13182 Lockwasher 3/8"
#13191 Hex Nut 3/8"
(2 per angle)

Note: Stairway is to be anchored to the floor but not until the stairway is completely assembled. Floor anchors are to be furnished by others. Base angles may be installed inside or outside of the riser panels. Outside is shown.

Precaution: Failure to anchor base angles to the floor will result in an unsafe unit.
RISER PANEL ASSEMBLY AND CLEARSPAN CHANNEL ASSEMBLY

NOTE!
BE SURE CLEARSPAN CHANNEL IS RESTING ON THE TOP TREAD SUPPORT AND THAT HOLES IN THE TWO PARTS ARE IN LINE.

STAIR TREAD

NOTE: BOLT THROUGH STAIR TREAD, CLEARSPAN CHANNEL AND TREAD SUPPORT AS SHOWN.

ASSEMBLED CLEARSPAN CHANNEL & RISER PANEL

#13191 HEX NUT
#13182 LOCK WASHER
#13189 HEX HEAD BOLT
#10001 CLEARSPAN CHANNEL

#13189 HEX HD SCREW 3/8" X 1 1/4"
#13182 LOCK WASHER 3/8"
#13191 HEX NUT 3/8"
(4 PER STAIR PANEL)

#13152 HEX HEAD BOLT

ASSEMBLED CLEARSPAN CHANNEL & RISER PANEL

#13152 HEX HD SCREW 5/16" X 5/8"
#13051 TWIN WHIZZ LOCKNUT 5/16"
(4 PER STAIR TREAD)
3. RISER PANEL ASSEMBLY AND CLEARSPAN CHANNEL ASSEMBLY

RISER PANEL, CLEARSPAN CHANNEL & TOP TREAD ASSEMBLY

BOLT REMAINING TREADS TO THE STAIR RISER PANELS. NUMBER OF STAIR TREAD TO BE DETERMINED BY HEIGHT OF CLEARSPAN CROSSOVER.

#13152 HEX HD SCREW 5/16" X 5/8"
#13051 TWIN WHIZZ LOCKNUT 5/16"
(4 PER STAIR TREAD)

4. STAIRWAY BRACING ASSEMBLY

ASSEMBLY PRECAUTION!
BACK BRACES MUST BE ATTACHED TO STAIRWAYS TO PROVIDE STABILITY. FAILURE TO ATTACH THE BRACES WILL RESULT IN AN UNSAFE UNIT.

SWAY BRACE IDENTIFICATION

WITH UNITS
24" 32 31/32" 22 9/16" (#6492)
30" 37 3/8" 28 9/16" (#6493)
36" 42 1/8" 34 9/16" (#6494)

BACK VIEW OF STAIRS AND BRACING LAYOUT

BOLT TO BACK FLANGE OF RISER PANEL HOLES ON 24" CENTERS.
NOTE: AFTER DIAGONAL BRACES ARE BOLTED IN PLACE, BOLT BRACES IN THE MIDDLE AS SHOWN BELOW.

#13051 TWIN WHIZZ LOCKNUT 5/16"
#13152 HEX HD SCREW

#13152 HEX HD SCREW 5/16" x 5/8"
#13051 TWIN WHIZZ LOCKNUT 5/16"
(1 PER SET OF BRACES)

STAIR RAILING ASSEMBLY

#13189 HEX BOLT
#12430 RAILING POST

RISER PANEL

NOTE
INSERT POST THRU SLOT IN RISER PANEL SO THAT THE HOLE IN THE TOP OF THE POST IS FACING TO THE TOP OF THE STAIRWAY. DO NOT TIGHTEN THESE BOLTS UNTIL COMPLETE RAIL IS ASSEMBLED.

#13189 HEX BOLT 3/8”-16 x 1 1/4"
#13191 HEX NUT 3/8”-16
#13182 SPRING LOCKWASHER 3/8”
(2 PER POST)
STAIR RAILING ASSEMBLY

NOTE
KEEP ROUNDED END OF BRACKET TOWARD TOP END OF RAIL. TIGHTEN BOLTS SECURELY.

#13153 HEX BOLT 5/16" x 3/4"
(1 PER ASSEMBLY)

FULL SCALE

STAIR RAILING ASSEMBLY

NOTE
RISER NOT SHOWN FOR CLARITY. INSERT ALL BOLTS WITH THE HEAD TOWARD INSIDE STAIRWAY. TIGHTEN ALL BOLTS SECURELY.

#911574H TRUSS HD MACH SCREW
5/16" X 2 1/2"

#13051 LOCKNUT
5/16" – 18
(1 PER RAIL POST)

FULL SCALE
5c  STAIR RAILING ASSEMBLY

NOTE
RISER NOT SHOWN FOR CLARITY.
INSERT ALL BOLTS WITH THE HEAD TOWARD INSIDE STAIRWAY.
TIGHTEN ALL BOLTS SECURELY.

#911574H TRUSS HD MACH SCREW
5/16” X 2 1/2”
#13051 LOCKNUT
5/16” – 18
(1 PER RAIL POST)

5d  TOP RAIL

#13005 SCREW

#13005 PHIL. OVAL HD CUT SCREW
#10–24 X 1/2”
(1 PER POST)

FULL SCALE
5e

NOTE
ASSEMBLE POST BRACKET TO TOP END RAIL IN THE SAME WAY AS SHOWN AT STEP 2a. MAKE SURE ALL BRACKETS ARE TIGHTEN SECURELY TO TOP END RAIL AND FASTEN THE RAIL TO POSTS AS SHOWN.

#10209 RAILING PLUG

#13005 PHIL. OVAL HD CUT SCREW
#10-24 X 1/2"
(1 PER POST)

FULL SCALE

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BOLTING CROSSOVER GRATING IN PLACE,

NOTE: PLACE CROSSOVER GRATING (12" X 36") ON THE FLANGES OF THE CROSSOVER CHANNEL. (4 PER UNIT)

#13152 HEX HD SCREW 5/16" X 5/8"
#13051 TWIN WHIZZ LOCKNUT 5/16" (4 PER PANEL)
BOLTING CROSSOVER RAILING TO GRATING.

#13186 HEX HEAD BOLT
#13187 FLAT WASHER
78252 SUPPORT CHANNEL
LINE POST

#13191 NUT
#13182 LOCK WASHER

#13186 HEX HEAD BOLT 3/8-16 x 1 3/4”
#13191 NUT 3/8-18
#13187 FLAT WASHER 3/8
#13182 LOCK WASHER
(4 PER POST)
ASSEMBLING BRACKETS TO RAILING POST.

1. Position spacer channel inside post as shown, cone at the top of post only.
2. Bolt railing brackets post where handrails are required.
3. Bolt kickplate mounting angle to post as shown.

#13153 HEX HEAD BOLT 5/16"-16 x 3/4"
#13051 LOCKNUT 5/16-18
#13176 LOCKWASHER 5/16

(1 per bracket)
BOLTING RAILING CHANNELS TO THE RAILING POST.

NOTE: PLACE THE RAILING CHANNEL ON THE MOUNTING BRACKETS AND BOLT IN PLACE.

HAND RAILING

#13051 LOCKNUT

#13176 LOCKWASHER

POST

#13051 LOCKNUT

#13177 ROUND HEAD BOLT

HAND RAILING

#13176 LOCKWASHER

#13177 ROUND HEAD BOLT

#13177 ROUND HEAD BOLT 5/16–18 x 1/2"

#13176 LOCKWASHER 5/16"

#13051 LOCKNUT 5/16–18

(2 PER CABINET)
PLACING POST CAP ON THE RAILING POST.

NOTE: POSITION CAP, PUSH HOOK BACK WITH SCREWDRIVER, AND SNAP CAP INTO PLACE.