



HIRED-HAND®

Directions for Installing Mega-Cool Pad Extender Kit

⚠ Warning!

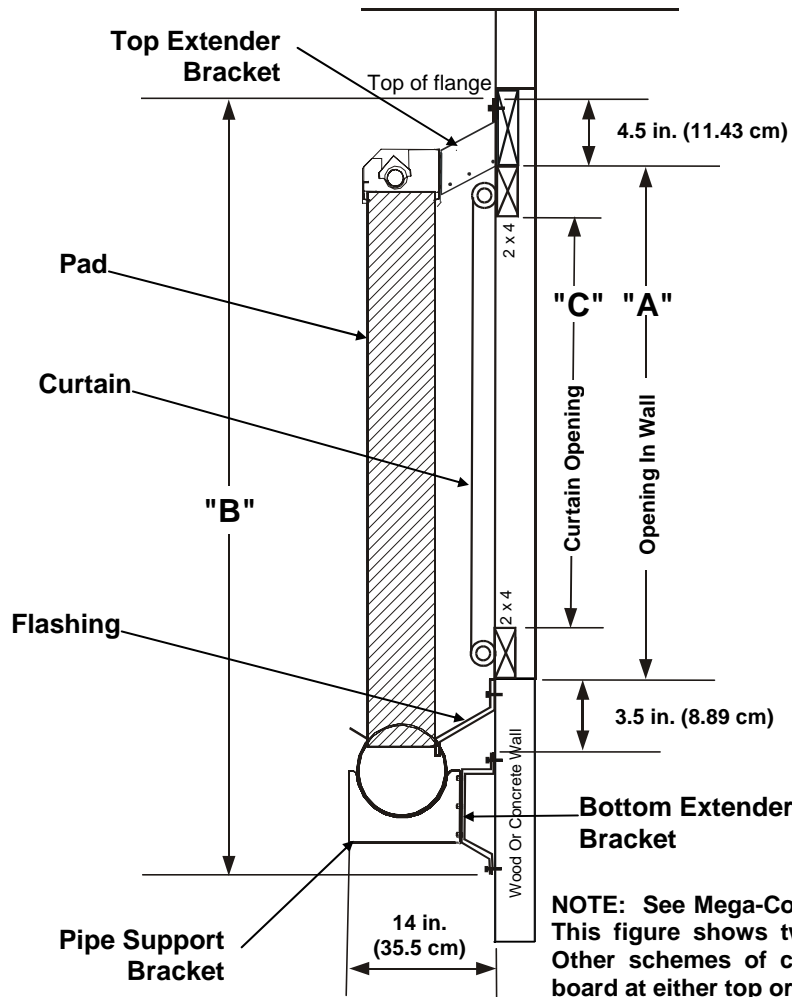
Disconnect All Electrical Power Sources Before Installing Pad Extender Kit

Tools Required

PVC Piping Glue	Level	Circular Saw	Wrench Set	Drill
PVC Piping Cutter	Chalk Line	Hammer	Socket Set	5/16" and 1/4" Nut Driver

Description

This kit extends the evaporative cooling panels away from a building to allow room for an existing curtain system. Shown below is a side view of a completed Mega-Cool installation using the Pad Extender Kit. In addition to these instructions, the installer will also need the Hired-Hand Mega-Cool Manual (Part No. 4801-5120).



"A"	
Opening In Wall	
System	Size
4 foot	48 in. (1.2 m)
5 foot	60 in. (1.5 m)
6 foot	72 in. (1.8 m)

"B"	
Overall System Height	
System	Size
4 foot	66-7/8 in. (1.7 m)
5 foot	78-7/8 in. (2.0 m)
6 foot	90-7/8 in. (2.3 m)

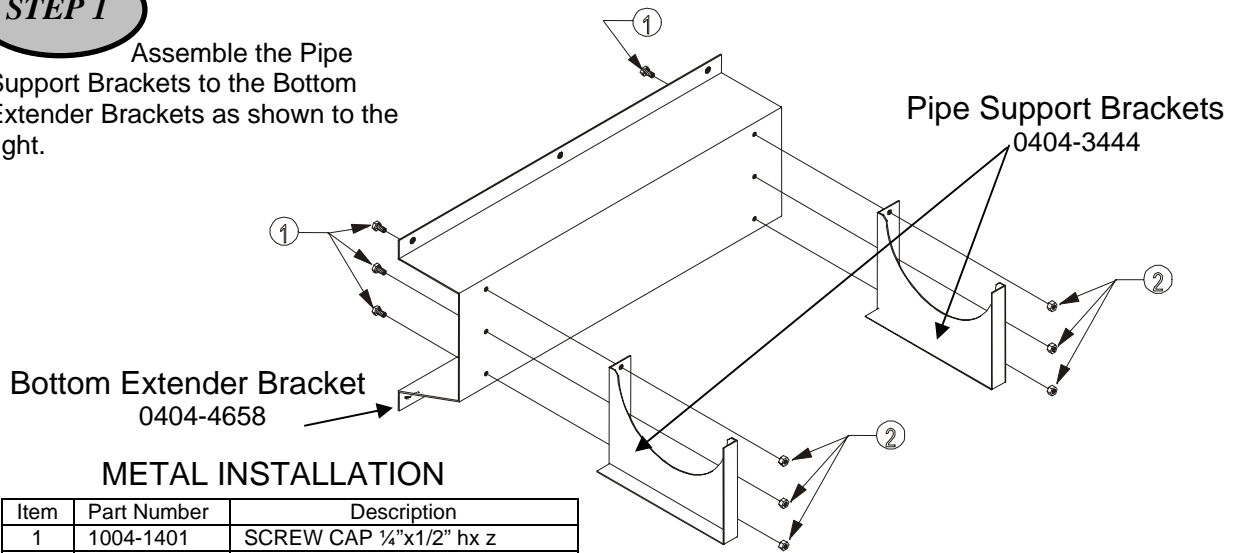
"C"	
Curtain Opening	
System	Size
4 foot	41 in. (1.0 m)
5 foot	53 in. (1.3 m)
6 foot	65 in. (1.6 m)

NOTE: See Mega-Cool manual (4801-5120) for framing details. This figure shows two 2 x 4 boards for supporting curtain. Other schemes of curtain support may use only one 2 x 4 board at either top or bottom of opening.

Directions

STEP 1

Assemble the Pipe Support Brackets to the Bottom Extender Brackets as shown to the right.



METAL INSTALLATION

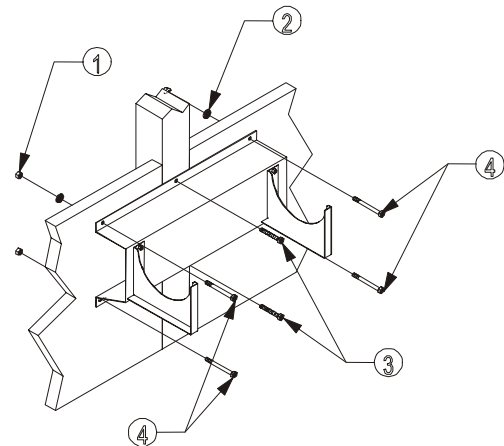
Item	Part Number	Description
1	1004-1401	SCREW CAP 1/4"x1/2" hx z
2	1001-1446	NUT LOCK 1/4"-20 N/I hx z

STEP 2

Select the appropriate hardware for installing the Bottom Extender Brackets on either WOOD, METAL or CONCRETE.

WOOD INSTALLATION

Item	Part Number	Description
1	1001-1457	NUT Lock 3/8" NI hx z
2	0404-3238	FAB GS Washer 3/8" X 1" OD
3	1004-0125	SCREW Lag 1/4" X 3" hx z
4	1004-7017	SCREW CAP 3/8"-#16 X 5" hx z



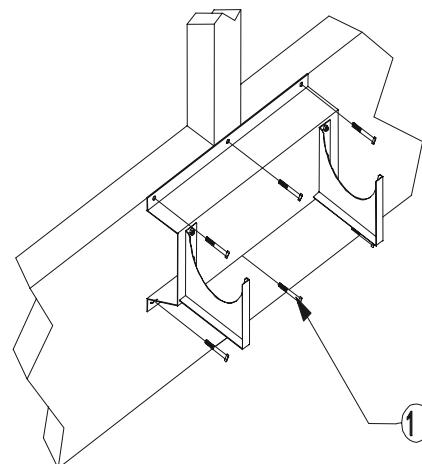
For wood installation, first mark, drill and install the two lag screws (Item # 3). Then mark the locations for the four cap screws (Item #4), drill through the wood and install washers and nuts.

CONCRETE INSTALLATION

Item	Part Number	Description
1	1004-6024	SCREW 1/4" X 1 1/4" hx z tapcon anc

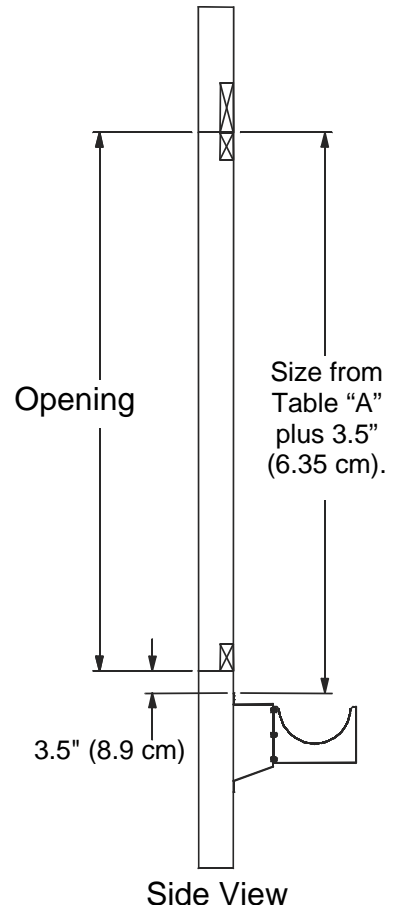
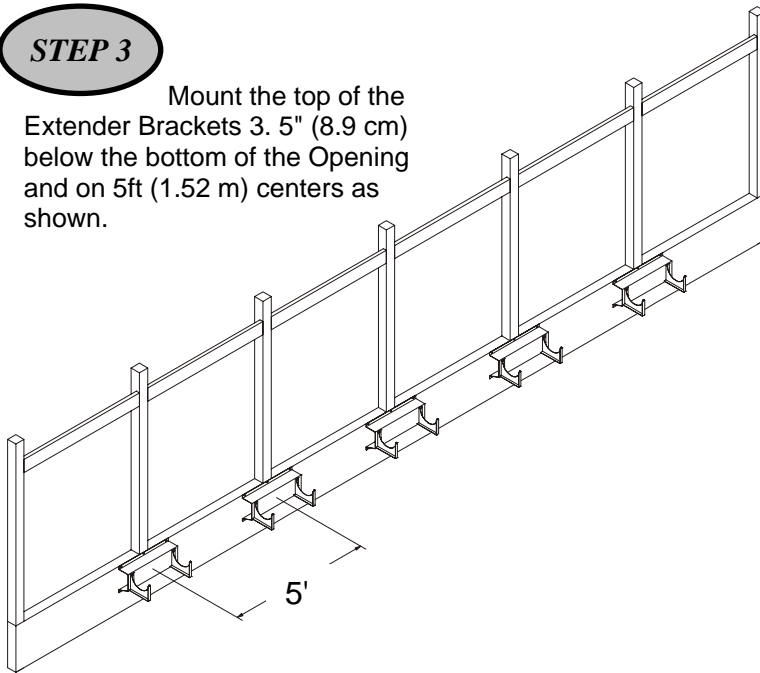
METAL INSTALLATION

Item	Part Number	Description
1	1004-0050	SCREW SM #14 X 1" hx tek z



STEP 3

Mount the top of the Extender Brackets 3.5" (8.9 cm) below the bottom of the Opening and on 5ft (1.52 m) centers as shown.

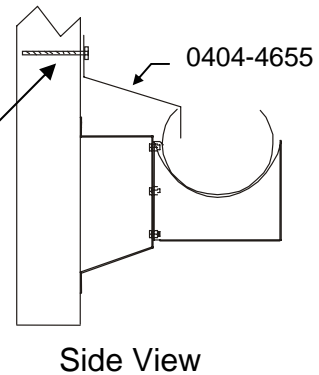


STEP 4

At this point refer to the Mega-Cool Manual for instructions to install the 8" PVC pipe. Follow the Mega-Cool manual until after the PVC end caps have been installed on the 8" pipe. Then return to Step 5 of these instructions.

STEP 5

After the 8" pipe is mounted, install the Flashing. NOTE: The lower lip of the flashing rests on the top of the 8" pipe.



MOUNTING SCREWS

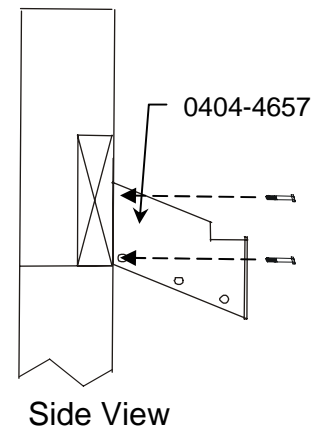
Material	Part Number	Description
WOOD	1004-1386	SCREW SM 10-12 X 1" hx z
METAL	1004-0050	SCREW SM #14 x 1"hx tek z

STEP 6

Select the mounting hardware for the Top Extender Bracket from the table below. See Step 7 for the vertical placement of the Top Extender Bracket.

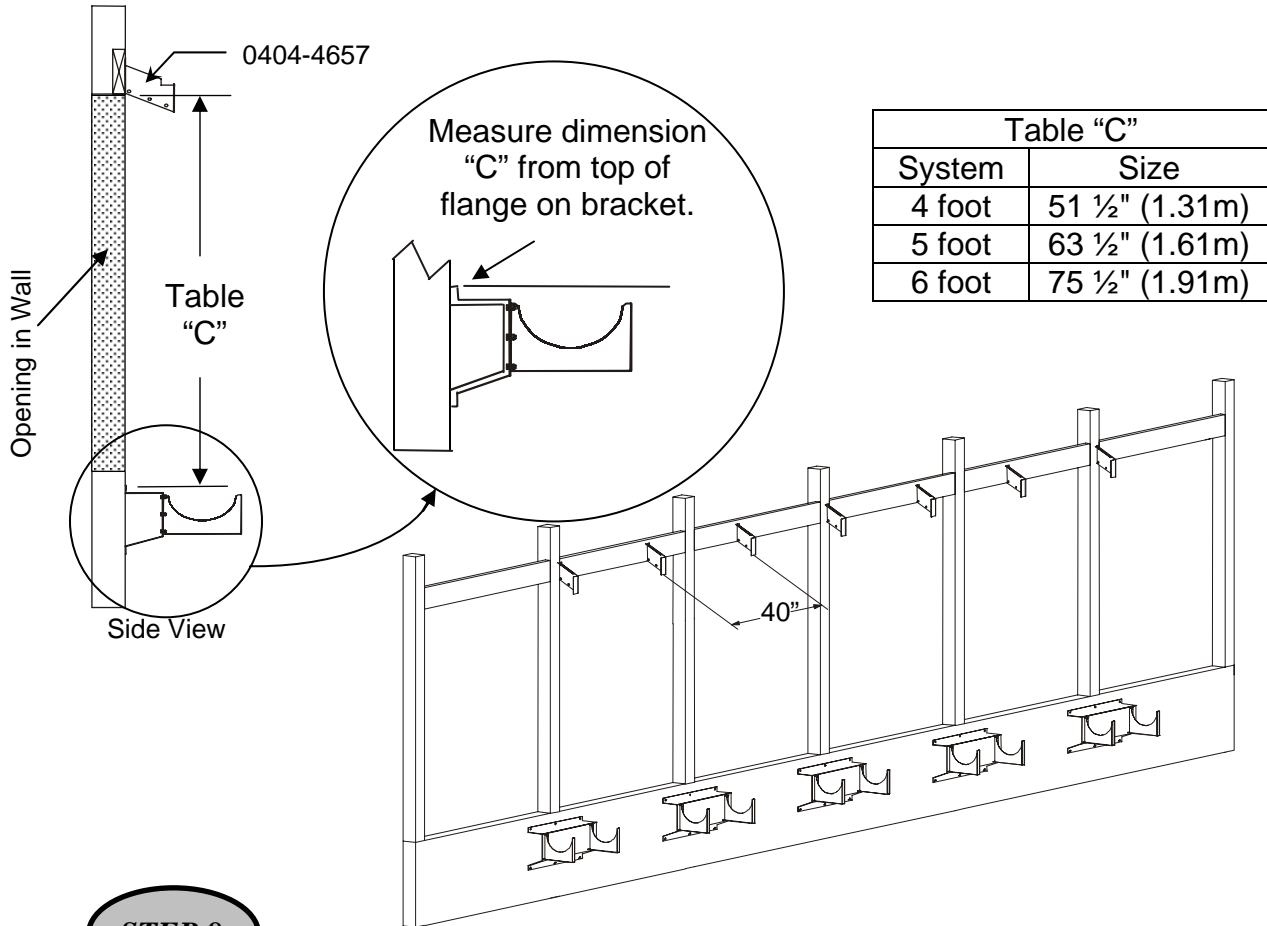
MOUNTING SCREWS – Top Extender

Material	Part Number	Description
WOOD	1004-7017	SCREW CAP 3/8"-#16 X 5" hx z
METAL	1004-0050	SCREW SM #14 X 1" hx tek z



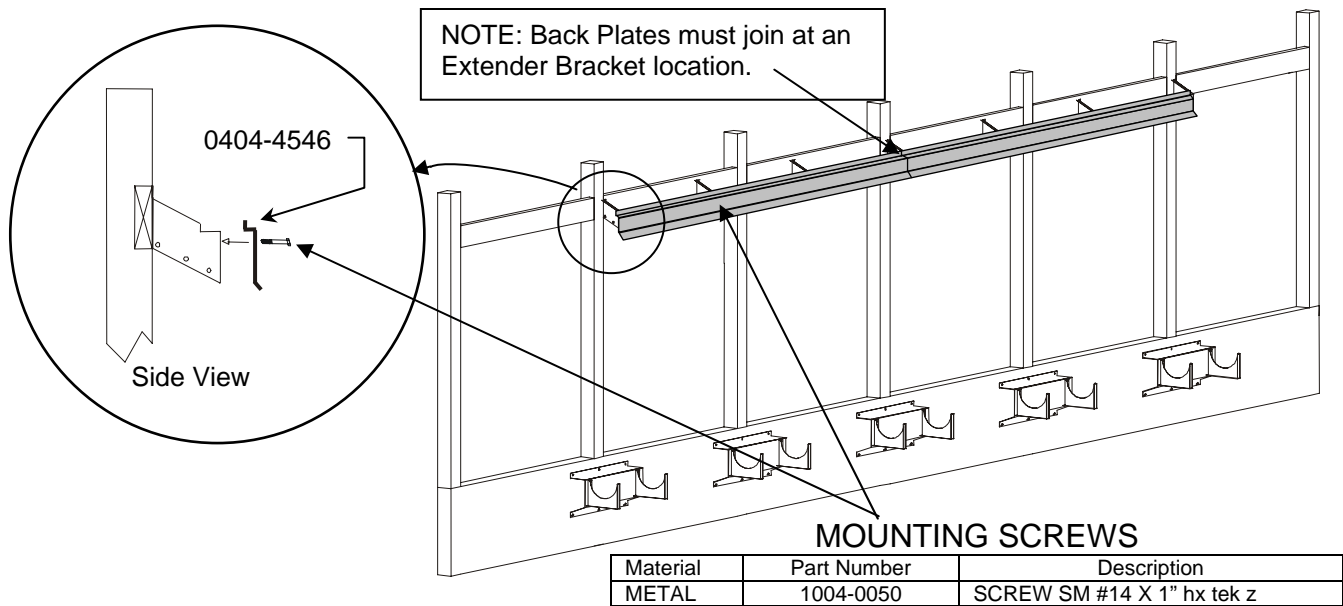
STEP 7

Mount the bottom of the Top Extender Bracket (0404-4657) based on the dimensions from Table "C". Mount on 40" (1.02 m) centers. NOTE: If the opening is based on the dimensions in Table "A", then the bottom of the Top Extender Bracket will be flush with the top of the opening. NOTE: 2 x 4 boards for curtain not shown for clarity.



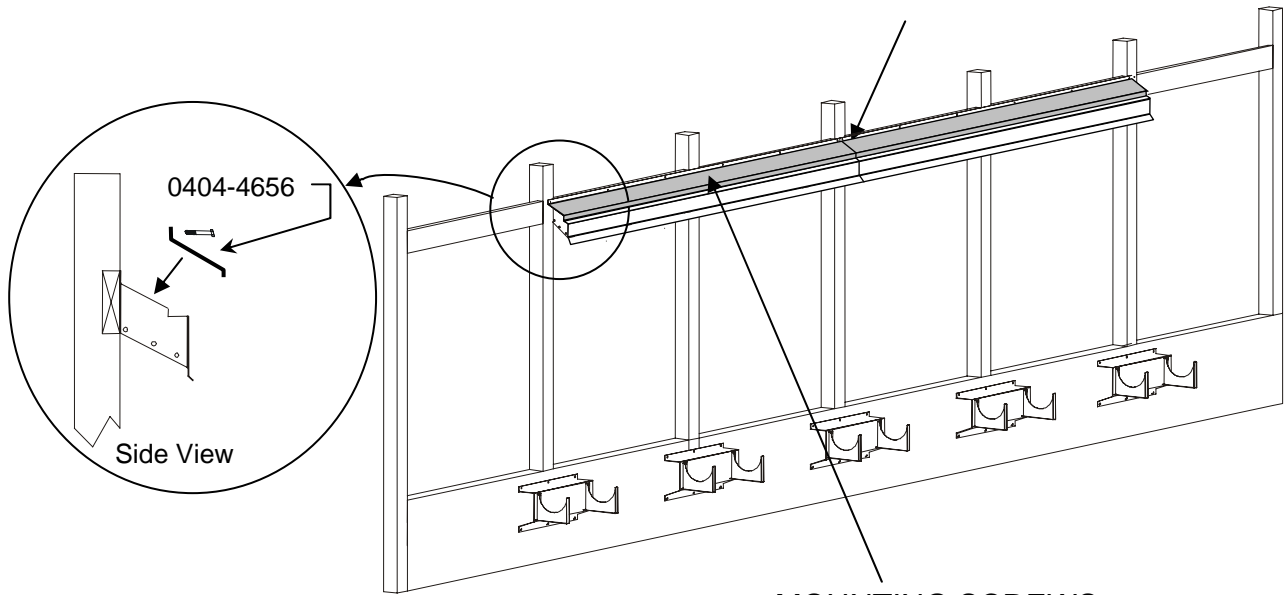
STEP 8

Mount the Mega-Cool Back Plates. Back Plates are in 10 ft (3.05 m) sections. The Mega-Cool Back Plate rests on top front edge of Top Extender Bracket.



STEP 9

Mount the Mega-Cool Top Flashing as shown to split joints of Back Plate. Note: The Back Plate rests on top of Top Extender Bracket.

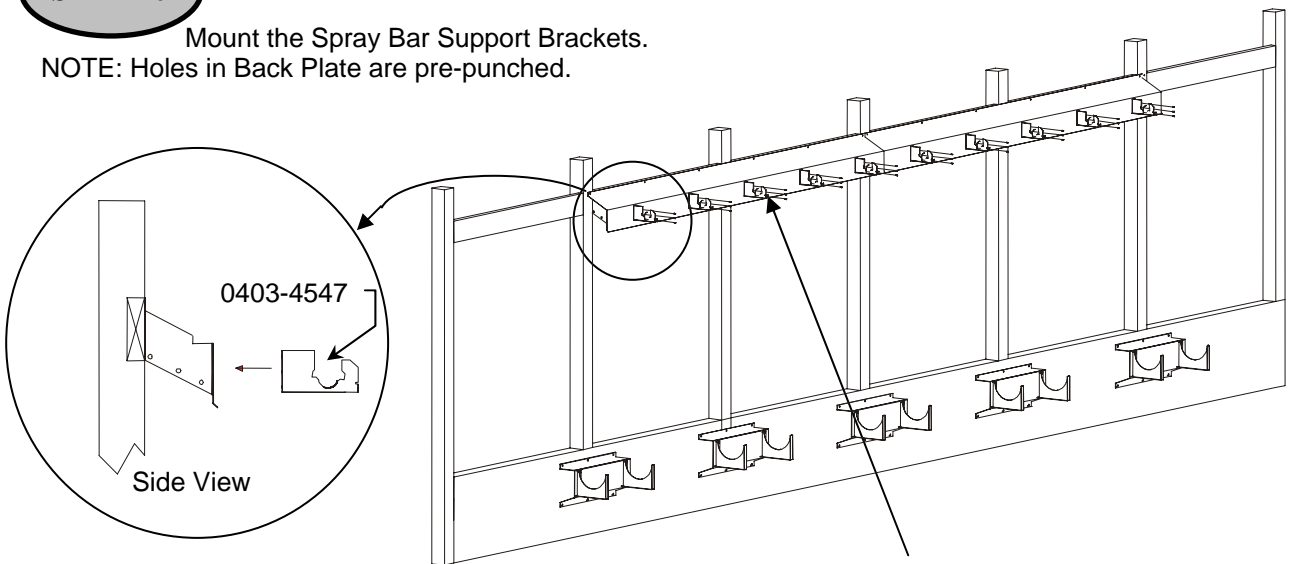


MOUNTING SCREWS

Material	Part Number	Description
WOOD	1004-1386	SCREW SM 10-12 X 1" hz x
METAL	1004-0050	SCREW SM #14 X 1" hx tek z

STEP 10

Mount the Spray Bar Support Brackets. NOTE: Holes in Back Plate are pre-punched.



MOUNTING SCREWS

Part Number	Description
1004-1130	SCREW SM 8-15 X 1/2" hx SL A Z

STEP 11

Installation of the Pad Extender Kit is complete. Refer to the Hired-Hand Manual (Part No. 4801-5120) for instructions on installing the remainder of the Mega-Cool System.