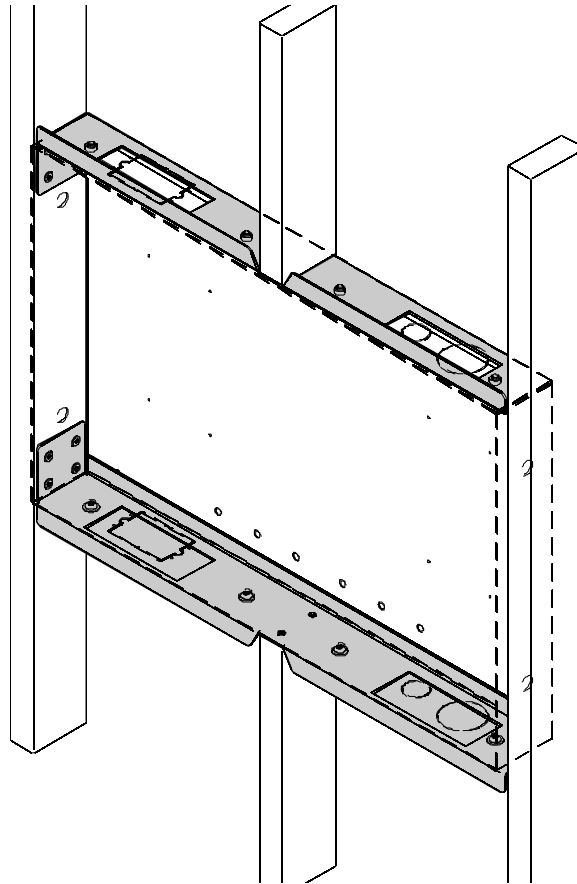


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# INSTALLATION INSTRUCTIONS

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## IN-WALL ENCLOSURE FRAMING KIT

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## DISCLAIMER

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## ! IMPORTANT WARNINGS AND CAUTIONS!



**WARNING:** A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.



**CAUTION:** A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.



**WARNING:** Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer's responsibility to make sure all components are properly assembled and installed using the instructions provided.

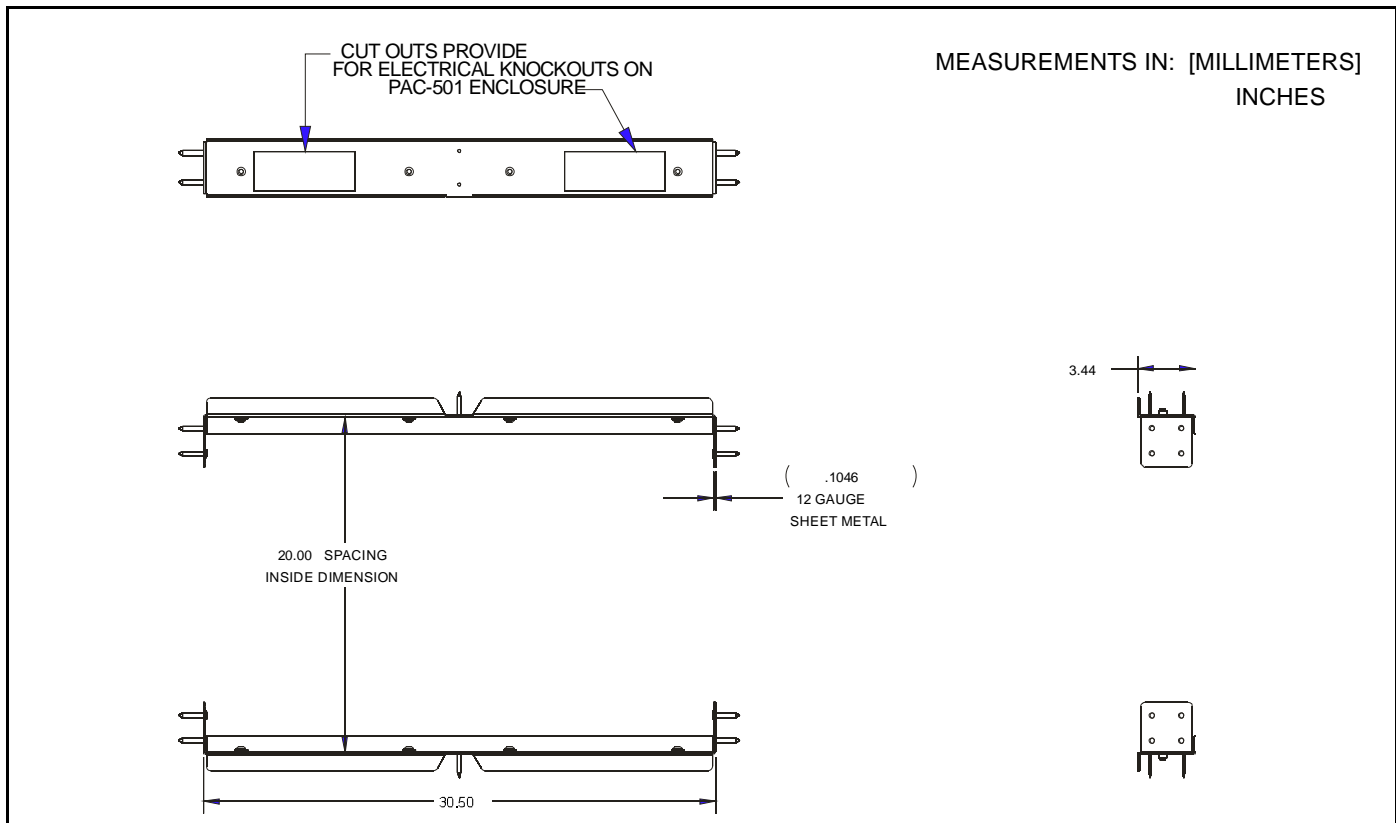


**CAUTION:** This equipment must be installed and assembled by qualified service personnel in accordance with local building codes.




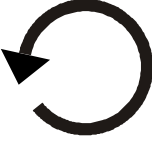
**WARNING:** Failure to provide adequate structural strength for this accessory can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this accessory is attached can support the combined weight of the PAC-501 accessory and all attached equipment not to exceed 200 lbs (90.72 kg).


## DIMENSIONS




**LEGEND**


	Tighten Fastener
	Apretar elemento de fijación
	Befestigungsteil festziehen
	Apertar fixador
	Serrare il fissaggio
	Bevestiging vastdraaien
	Serrez les fixations


	Loosen Fastener
	Aflojar elemento de fijación
	Befestigungsteil lösen
	Desapertar fixador
	Allentare il fissaggio
	Bevestiging losdraaien
	Desserrez les fixations


	Phillips Screwdriver
	Destornillador Phillips
	Kreuzschlitzschraubendreher
	Chave de fendas Phillips
	Cacciavite a stella
	Kruiskopschroevendraaier
	Tournevis à pointe cruciforme


	Open-Ended Wrench
	Llave de boca
	Gabelschlüssel
	Chave de bocas
	Chiave a punte aperte
	Steeksleutel
	Clé à fourche


	By Hand
	A mano
	Von Hand
	Com a mão
	A mano
	Met de hand
	À la main


	Hex-Head Wrench
	Llave de cabeza hexagonal
	Sechskantschlüssel
	Chave de cabeça sextavada
	Chiave esagonale
	Zeskantsleutel
	Clé à tête hexagonale


	Pencil Mark
	Marcar con lápiz
	Stiftmarkierung
	Marcar com lápis
	Segno a matita
	Potloodmerkteken
	Marquage au crayon

	Drill Hole
	Perforar
	Bohrloch
	Fazer furo
	Praticare un foro
	Gat boren
	Percez un trou

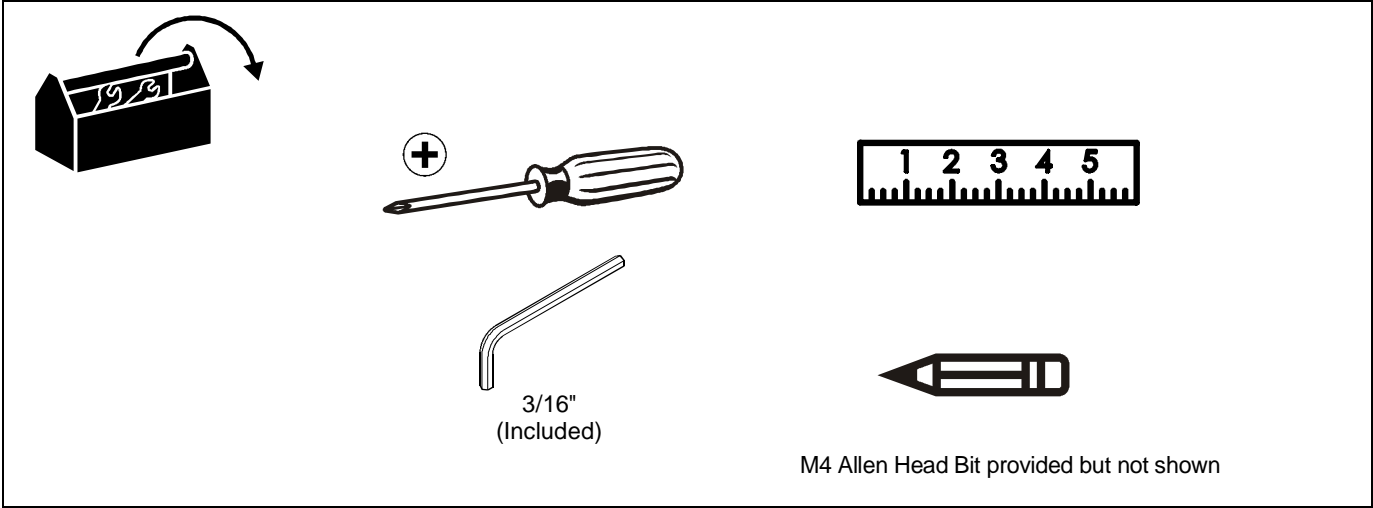
	Adjust
	Ajustar
	Einstellen
	Ajustar
	Regolare
	Afstellen
	Ajuster

	Remove
	Quitar
	Entfernen
	Remover
	Rimuovere
	Verwijderen
	Retirez

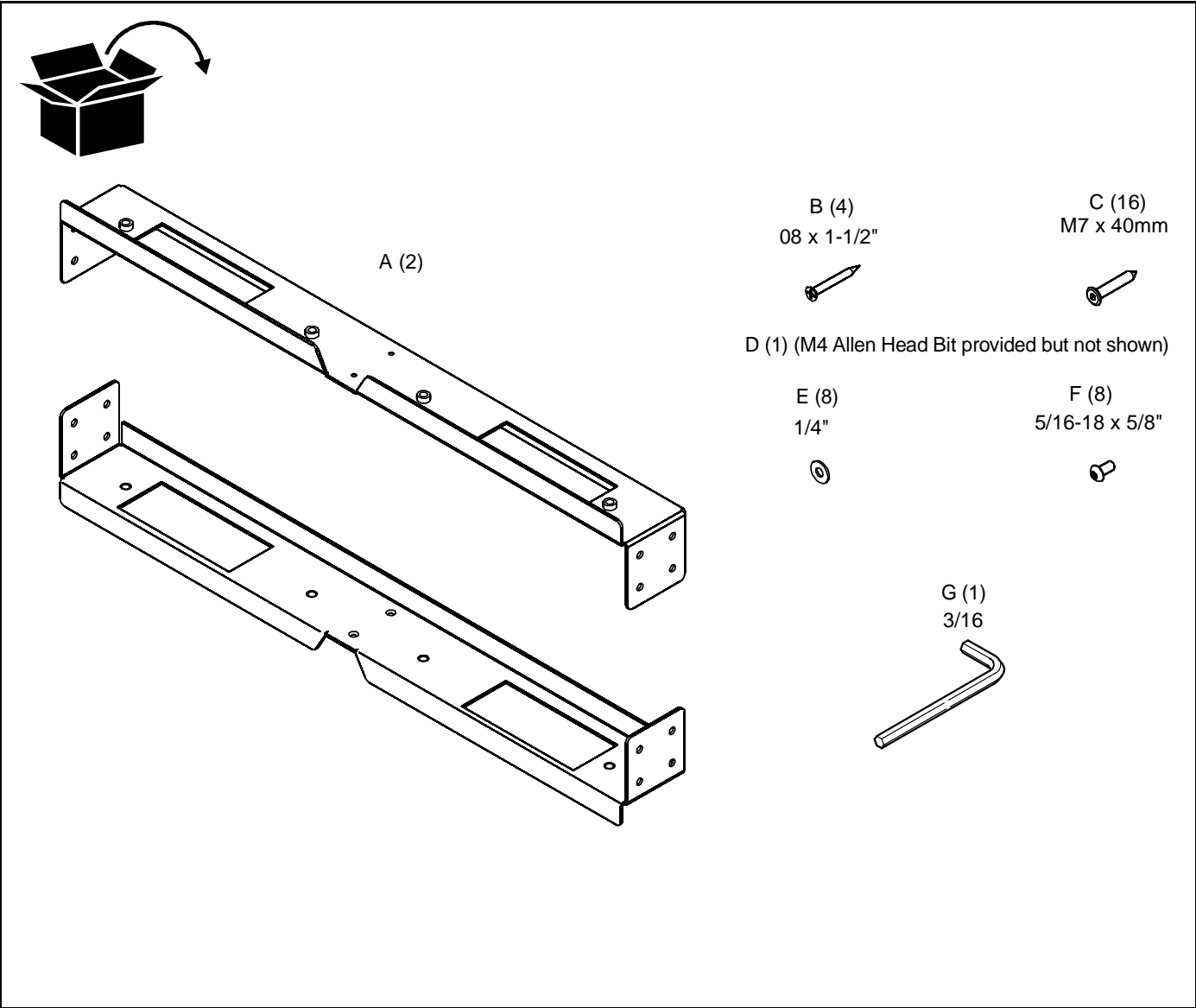
	Optional
	Opcional
	Optional
	Opcional
	Opzionale
	Optie
	En option

	Security Wrench
	Llave de seguridad
	Sicherheitsschlüssel
	Chave de segurança
	Chiave di sicurezza
	Veiligheidssleutel
	Clé de sécurité

TOOLS REQUIRED FOR INSTALLATION



PARTS



## INSTALLATION



**WARNING:** IMPROPER INSTALLATION CAN RESULT IN DEATH OR SERIOUS PERSONAL INJURY! This accessory should be installed by qualified personnel.

**IMPORTANT ! :** The following installation procedure assumes that a Chief PAC501 In-Wall Enclosure has been purchased and is available for use during this procedure. If a PAC-501 is not available, or there are any other questions regarding the installation of this accessory, contact a Chief Customer Service representative by calling 1-800-582-6480 or by visiting [www.chiefmfg.com](http://www.chiefmfg.com). Dimensions for creating opening in the wall without having the PAC-501 as a template can be found in step 4 and figure 2 below.

### Site Preparation

#### Locate and Prepare Mounting Site

**IMPORTANT ! :** This accessory is designed for in-wall installation spanning a minimum of three wood studs, 16" on center. Installation of this accessory and the PAC-501 in 2x4 wall results in nearly direct contact with vertical studs and back wall. Inadequate space will remain for electrical wires/cables, plumbing, ductwork, or insulation. Locate installation accordingly.

1. Identify a suitable wall location for the in-wall enclosure.



**WARNING:** ELECTRICAL SHOCK HAZARD! CUTTING OR DRILLING INTO ELECTRICAL WIRES OR CABLES CAN CAUSE DEATH OR SERIOUS PERSONAL INJURY! ALWAYS make certain area behind mounting surfaces is free of electrical wires and cables before cutting, drilling, or installing fasteners.



**WARNING:** EXPLOSION AND FIRE HAZARD! CUTTING OR DRILLING INTO GAS PLUMBING CAN CAUSE DEATH OR SERIOUS PERSONAL INJURY! ALWAYS make certain area behind mounting surfaces is free of gas, water, waste, or any other plumbing before cutting, drilling, or installing fasteners.

2. Using a stud sensor, locate and mark studs.
3. Center and level PAC501 housing between marked studs. (See Figure 1)
4. Using PAC501 housing as a template, draw pencil line around housing. (See Figure 1)

**NOTE:** If the PAC501 enclosure is not available mark opening to height dimension identified in figure 2 and to inside stud edge on either side.

5. Cut drywall on *outside* edge of line and remove drywall. (See Figure 1) and (See Figure 2)

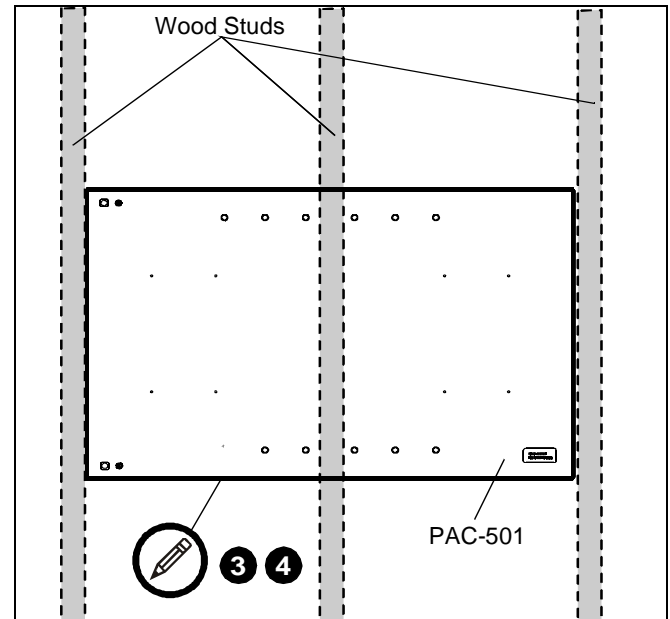


Figure 1

#### Install PACHFK1 Frame Support Brackets

The exposed portion of the center wood stud must be removed.



**WARNING:** STRUCTURAL FAILURE HAZARD! FAILURE TO TAKE ADEQUATE PRECAUTIONS CAN LEAD TO DEATH OR SERIOUS INJURY! Ensure removal of center stud will not cause unacceptable loss of structural strength. Consult a qualified building contractor and applicable building codes. (See Figure 2)

1. Remove exposed portion of center stud flush with upper and lower drywall edges. (See Figure 2)

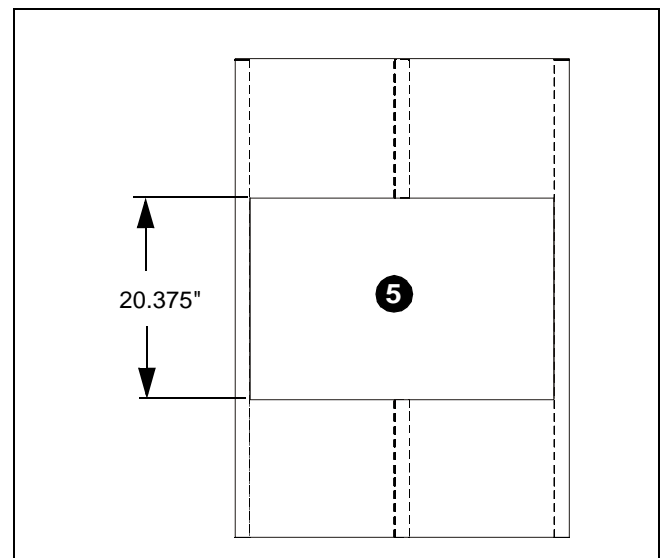
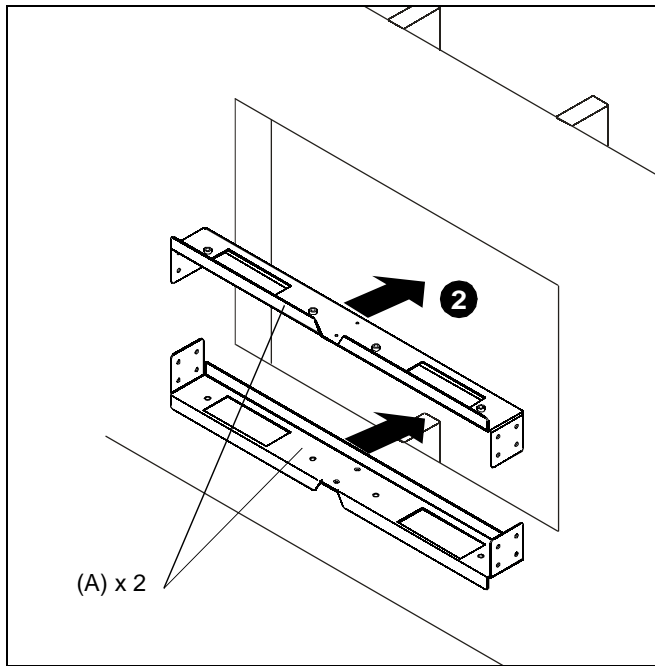


Figure 2

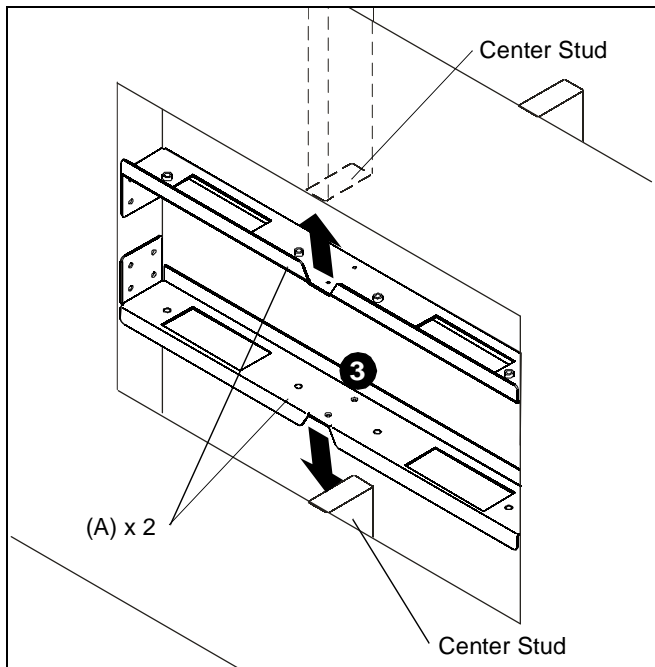
2. Orient brackets (A) as shown in figure below. (See Figure 3)



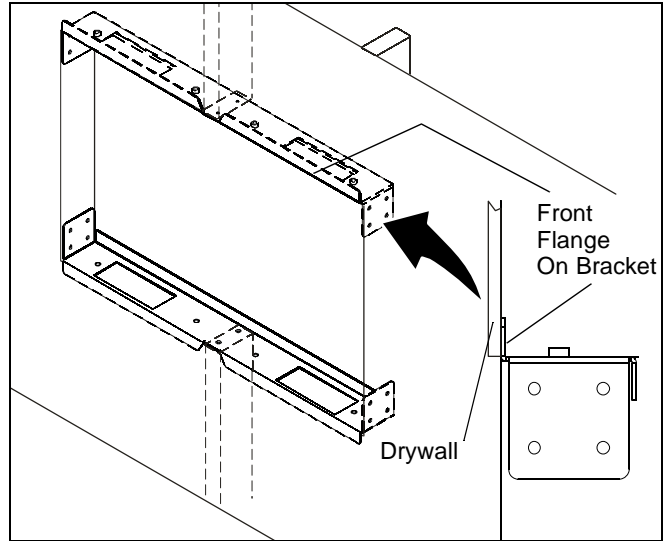
**Figure 3**

3. Raise and lower brackets (A) until brackets rest against center stud. (See Figure 3)

**NOTE:** Front flange on both upper and lower bracket should be slid behind drywall. (See Figure 5)

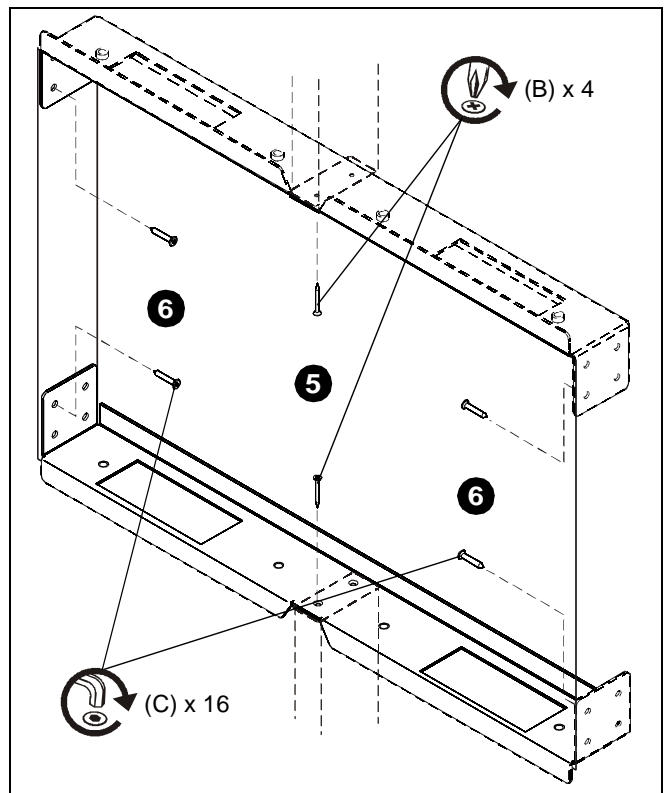


**Figure 4**



**Figure 5**

4. Make sure upper and lower brackets are level and there is a minimum of 20.375" between them at bracket centers and at both ends of brackets.
5. Secure upper and lower brackets to center studs using four Phillips flat head wood screws (B) at center studs. (See Figure 6)
6. Secure upper and lower brackets to side studs using sixteen connector screws (C) and Allen head bit (D) provided. (See Figure 6)



**Figure 6**

7. Orient PAC-501 enclosure following the installation instructions provided with the PAC-501 and slide enclosure into opening between upper and lower brackets (A). (See Figure 7)

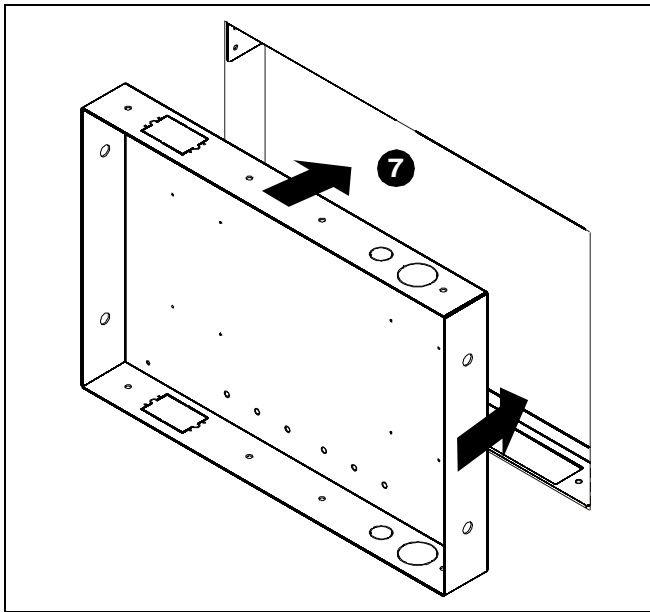


Figure 7

8. Secure PAC-501 enclosure to brackets using eight flat washers (E) and eight button head cap screws (F) using the 3/16" hex wrench (G) provided. (See Figure 8)

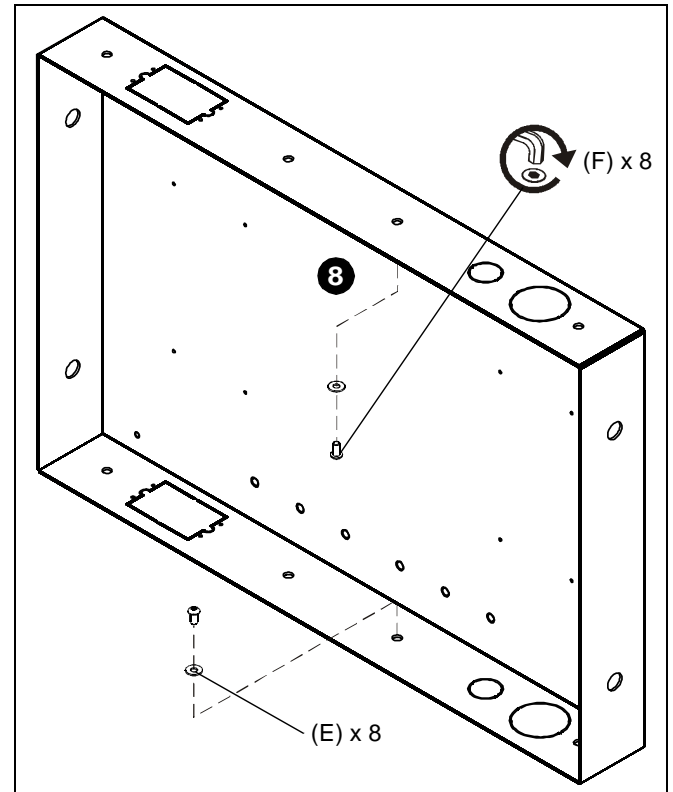


Figure 8



**CAUTION:** PAC501 enclosure must be secured on both sides to side studs using lag screws and bushings following the installation instructions provided with the PAC501 accessory.



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