 PDi Communication Systems, Inc. <i>A Leader in Patient Communication Solutions™</i>	MODEL NUMBER: PDI-255E-HDB/C/G Backer Plate	Document Number: PD196-311R2
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SCOPE:

To install a PDI-255E-HDB/C/G, heavy duty backer plate, to a wall for installation of a 1000 series arm.

TOOL LIST:

1. Safety glasses/goggles
2. 7/16" socket and ratchet
3. 1/2" (13mm) drill bit and drill

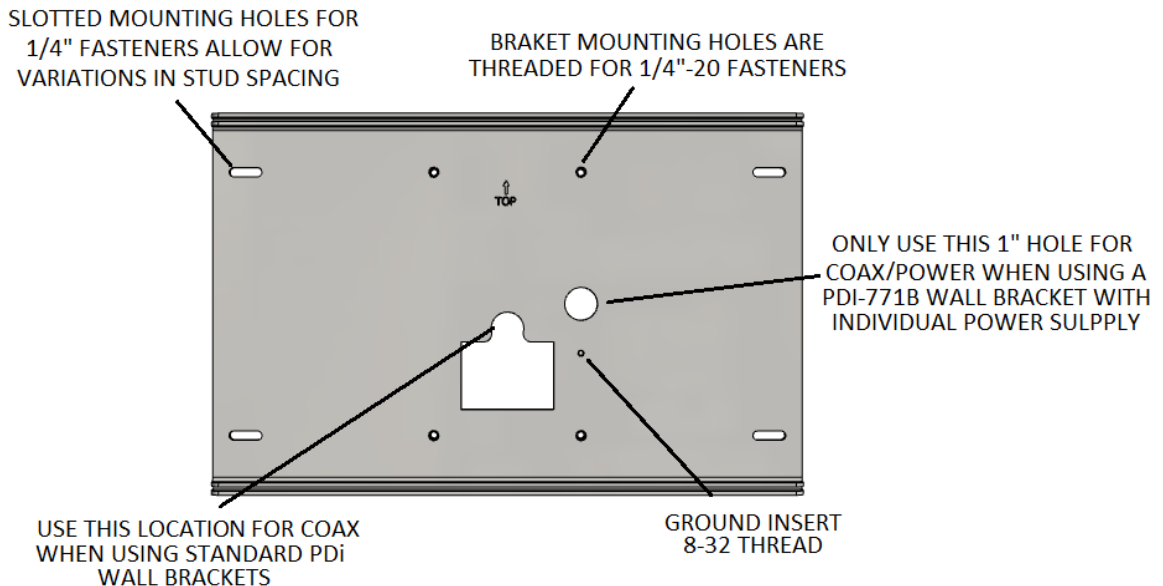
SUPPLIED PARTS:

ITEM	PART NUMBER	DESCRIPTION	QTY
1	PDI-255E-HDG1	FRONT HEAVY DUTY BACKER PLATE	1
2	PDI-255E-HDG2	REAR HEAVY DUTY BACKER PLATE	1
3	PDI-271(B or G)	CAPPLUG (CAP COLOR MATCHES PLATE)	4
4	PDI-272	CAPPLUG RHW SERIES	4
5	PDIFW25	1/4 FLAT WASHER	4
6	PDIG5HCS2520200	HEX HEAD CAP SCREW 1/4-20 X 2	4
7	PDITA2520	HILTI TOGGLER, WALL ANCHOR	4

SAFETY STEPS:



The backer plate must be mounted in accordance with local building codes. Always wear safety glasses/goggles to avoid eye injury.



PROCEDURE:
INSTALLATION OF TOGGLE ANCHORS



Fastening anchors should be HILTI brand or equivalent. Measure distances needed for purchased backer plate and mark before drilling.

1. Drill a 1/2" (13mm) hole. Hold metal channel flat alongside plastic straps and slide channel through hole. Minimum clearance behind wall 1-7/8" (48mm), Fig. 1

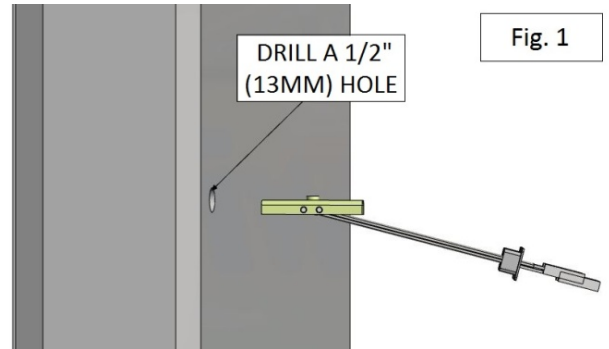


Fig. 1

2. Hold ends of straps between thumb and forefinger and pull toward you until channel rests flush behind wall. Slide plastic cap along straps with other hand until flange of cap is flush with wall, Fig. 2

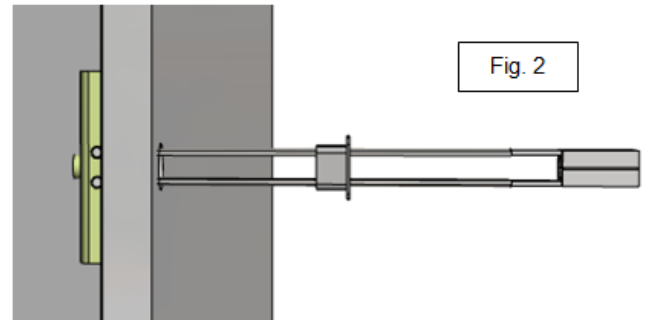


Fig. 2

Toggle should be through center of steel edge flange, Fig. 3

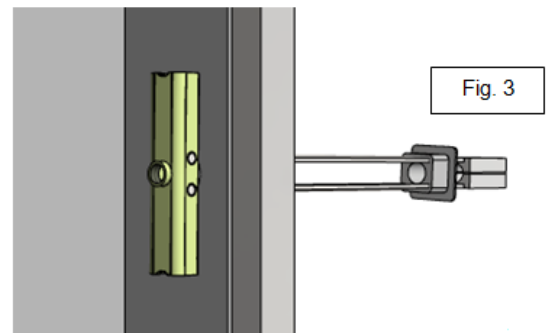


Fig. 3

3. Cut or snap straps at wall by pushing side to side, snapping off straps level with flange of cap, Fig 4.

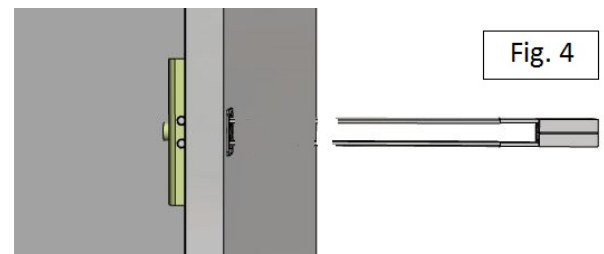



Fig. 4

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INSTALLATION OF BACKER PLATE

After proper installation of the toggle anchors:

1. Nest the PDI-255E-HDG1 plate inside the PDI-255E-HDG2 plate.
2. Thread two ¼-20 fasteners into two of the center mounting holes, diagonally from each other, to align the plates prior to installation.
3. Place the two parts of the PDI-255E-HDB/C/G backer plate to the wall in line with the toggle anchors. The plates are marked with an arrow and "TOP" to indicate proper mounting orientation.
4. Install the mounting hardware as detailed in Fig.5. Tighten the mounting bolts securely.

5. Remove the fasteners which were used for alignment during the installation.

