WIREMOLD

legrand®

®Walkerduct Pro Series
Modular Afterset
INSTALLATION INSTRUCTIONS

Installation Instruction No.: 1 000 494 R2 – Updated May 2009

Wiremold/Legrand electrical systems conform to and should be properly grounded in compliance with requirements of the current National Electrical Code or codes administered by local authorities.

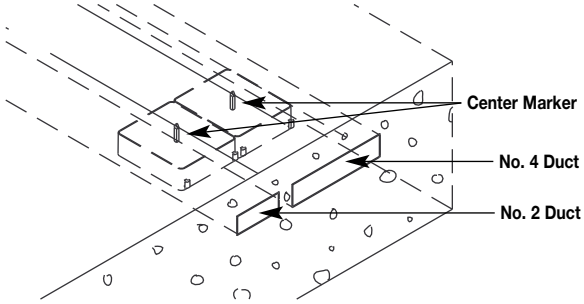
All electrical products may present a possible shock or fire hazard if improperly installed or used. Wiremold/Legrand electrical products may bear the mark as UL Listed and/or Classified and should be installed in conformance with current local and/or the National Electrical Code.

IMPORTANT: Please read all instructions before beginning.

Products Covered: *4210, 4215, 4220, 4225, 4230, 4235, and 4240*

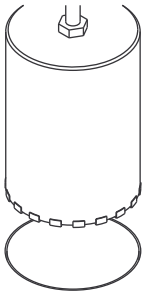
AFTERPOUR INSTALLATION:

Step 1. Locate the center line of the raceway by either using the markers at the ends of the raceway, or using two existing fittings in the raceway.

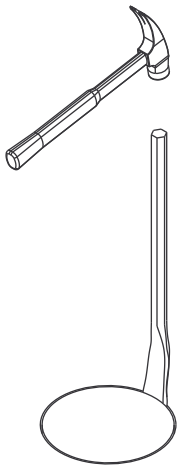


Step 2. Core drill a 6 1/2" or 7" [165mm or 178mm] diameter hole in concrete.

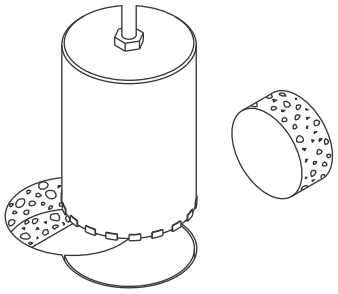
CAUTION: Do not cut into the duct.



Step 3. Loosen and remove concrete slug.

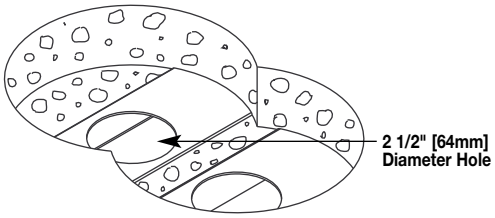


Step 4. For two- and three-gang: Core drill another 6 1/2" or 7" [165mm or 178mm] diameter hole over duct keeping holes at 4 1/8" [105mm] on center. Loosen and remove slug after coring is complete.

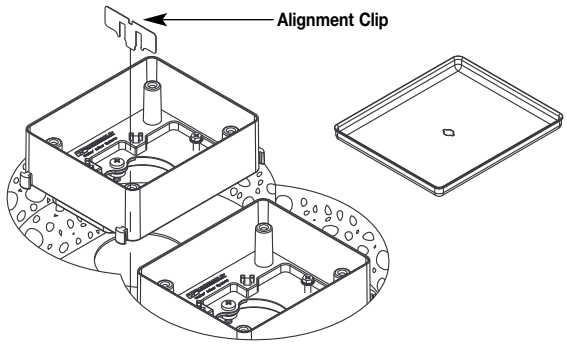


Step 5. Using a 2 1/2" [64mm] diameter hole saw, drill opening in center of duct. For two- or three-gang, use template for proper center locations.

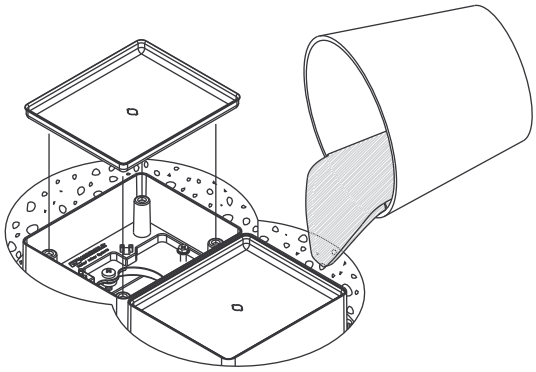
NOTE: Holes in No. 4 duct will not be located in center of duct. Center of holes must be 4 1/8" [105mm] apart.



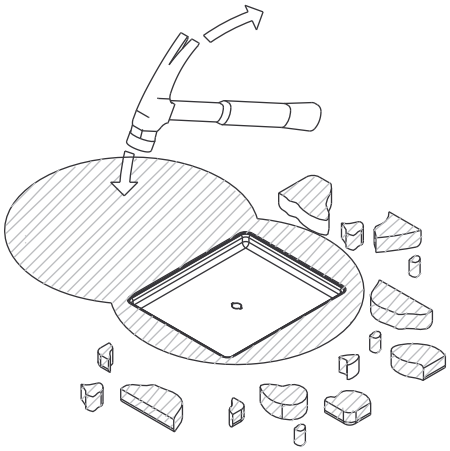
Step 6. Attach afterset to the duct system by tightening locking tabs. Secure aftersets together with alignment clip (two- or three-gang only).



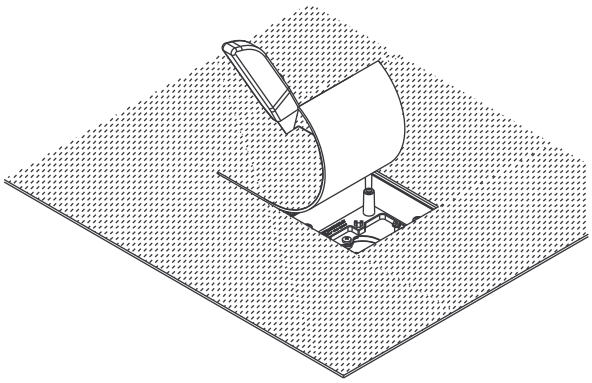
Step 7. Install mudcaps and fill space around afterset and mudcaps with grout. using trowel, create level, smooth surface.



Step 8. Break out mudcaps after grout has set.

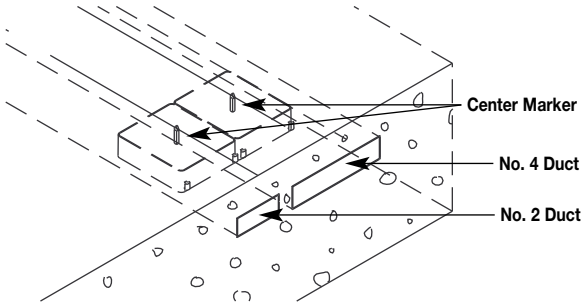


Step 9. Remove mudcaps and replace carpet. Using the afterset as a guide, cut a rectangular opening in the carpet. Attach desired service fitting.

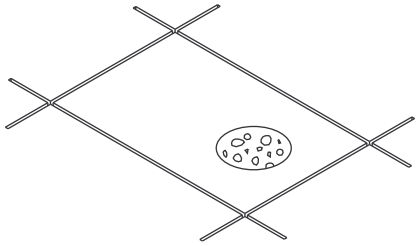


ALTERNATIVE AFTERPOUR INSTALLATION:

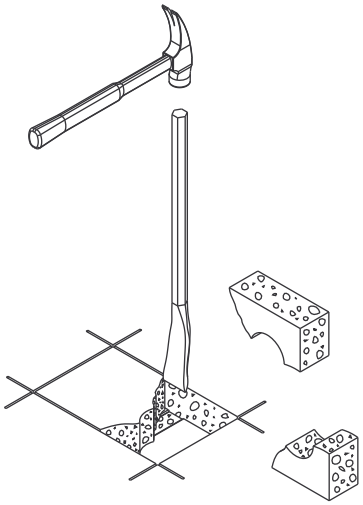
Step 1. Locate the center line of the raceway by either using the markers at the ends of the raceway, or using two existing fittings in the raceway.



Step 2. Mark concrete with cutting lines based on single-, double-, or triple-gang afterset to be installed. Opening should be approximately 1/2" [12.7mm] wider than the afterset on all sides. Drill a 2 1/2" [64mm] diameter hole over the center of the duct to determine depth of concrete if depth is not known. Set saw to depth of concrete and cut opening for the afterset.



Step 3. Loosen and remove concrete slugs.



Step 4. Using a 2 1/2" [64mm] diameter hole saw, drill opening in center of duct. For two- and three-gang, use template for proper center locations.

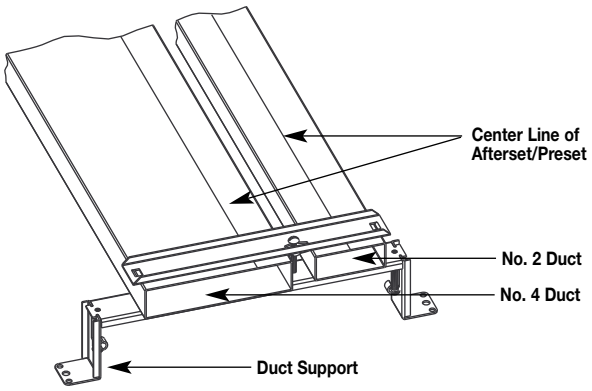
NOTE: Holes in No. 4 duct will not be located in center of duct. Center of holes must be 4 1/8" [105mm] apart.

Step 5. Complete installation by following Steps 6-9 on page 2.

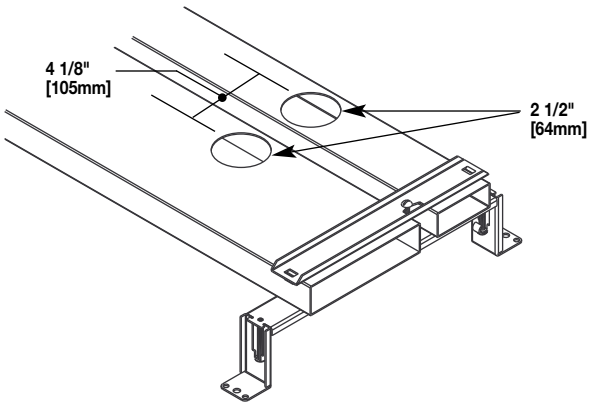
PRE-POUR INSTALLATION:

Step 1. ***For single preset:*** Mark a center line down the middle of the duct and mark location for preset.

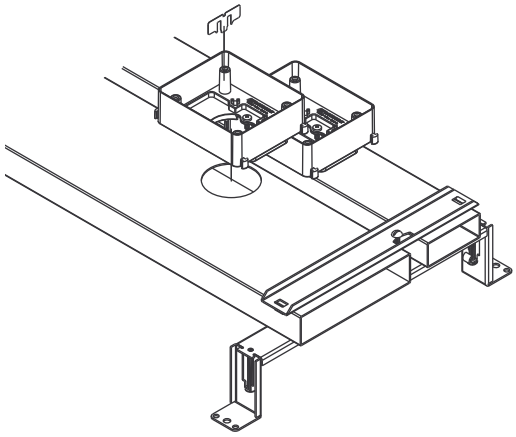
For two- or three-gang presets: Locate center of No. 2 duct for preset using step above and measure over 4 1/8" [105mm] and mark center for second preset.



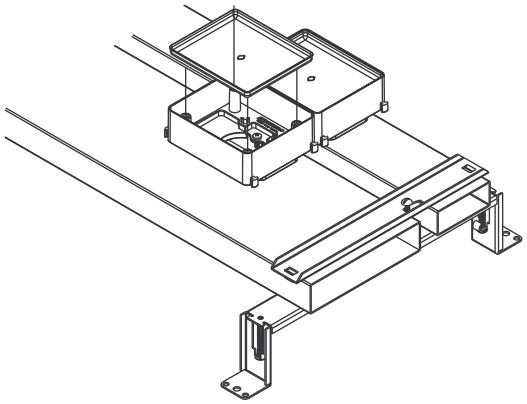
Step 2. Drill 2 1/2" [64mm] hole(s) keeping the centers 4 1/8" [105mm] apart.



Step 3. Place the presets directly over the holes. Connect the presets together with the alignment clips. Secure the preset to the duct by tightening the locking tabs.



Step 4. Attach the mudcap(s).



PRESET INSERT INSTALLATION DETAILS

To Field Installed Presets:

1. Be certain correct preset height is selected.
2. Position preset so that hooks on bottom of preset drop into openings on duct.
3. Push down evenly and slide forward. Knockout tab should snap into opening.

To Remove Mudcap:

1. Strike a 1/4" flat blade screwdriver along the side of the mudcap to deflect the top edge.
2. Use a screwdriver to pry out mudcap.

To Install Alignment Plates:

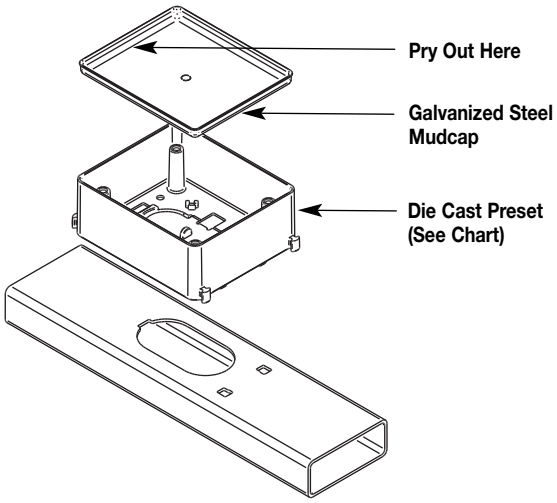
1. Install plates at first set of presets on each length of duct before securing supports and couplings.
2. All presets must be aligned within 1/8" [3.2mm].

#2 DUCT SYSTEMS ONLY

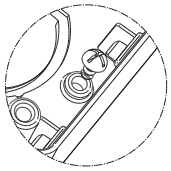
S SYSTEM DEPTH	P PRESET HEIGHT	PRESET CATALOG NUMBER	CUBIC INCHES VOLUME
2 1/4" [57mm]	7/8" [22.2mm]	419-1	13.7
2 3/4" [70mm]	1 3/8" [34.0mm]	419-11/2	22.6
3 1/4" [83mm]	1 7/8" [47.0mm]	419-2	31.2
3 3/4" [95mm]	2 3/8" [61.0mm]	419-21/2	39.8
4 1/4" [73mm]	2 7/8" [73.0mm]	419-3	48.3

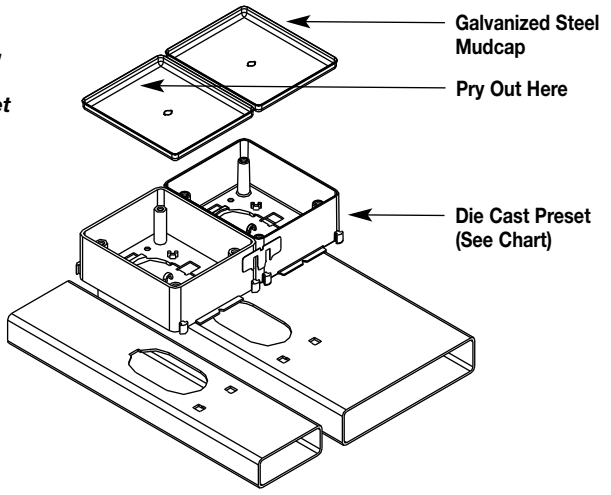
#4 DUCT SYSTEMS ONLY

S SYSTEM DEPTH	P PRESET HEIGHT	PRESET CATALOG NUMBER	CUBIC INCHES VOLUME
2 1/2" [64mm]	7/8" [22.2mm]	419-1	13.7
3" [76mm]	1 3/8" [34.0mm]	419-11/2	22.6
3 1/2" [89mm]	1 7/8" [47.0mm]	419-2	31.2
4" [102mm]	2 3/8" [61.0mm]	419-21/2	39.8
4 1/2" [115mm]	2 7/8" [73.0mm]	419-3	48.3

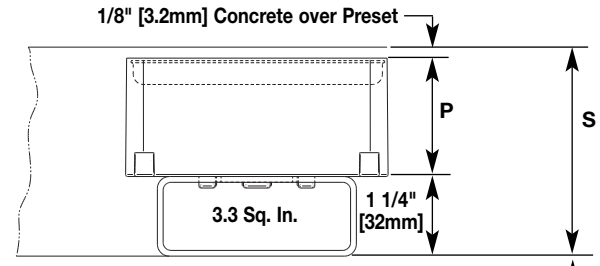


NOTE: Important! Tighten Bonding Screw when Preset is activated.

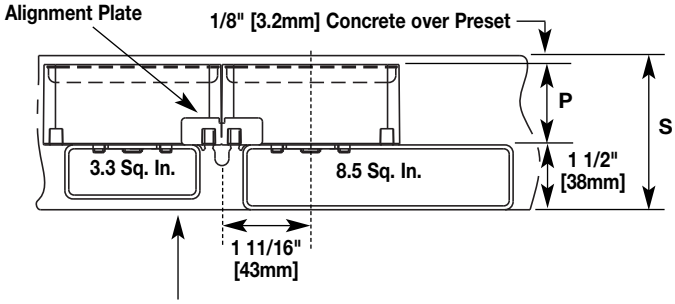




NOTE: Three Duct Systems are Similar.



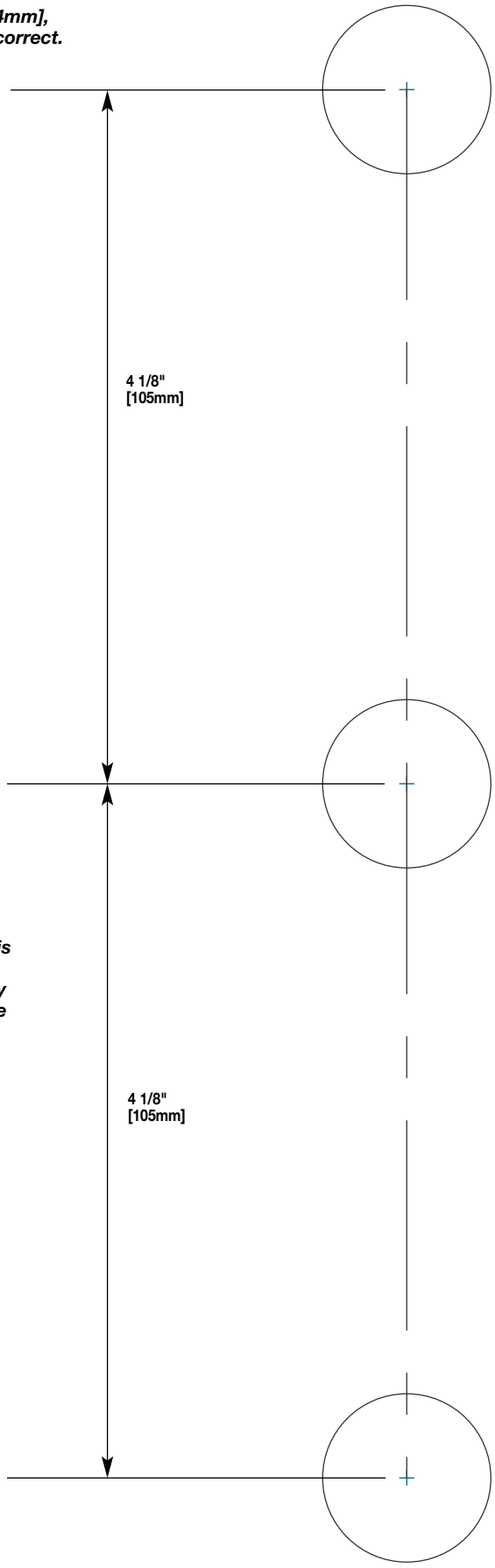
Add 1/4" [6.4mm] to System when using both #2 and #4 Duct.



Minimum 1 1/2" [38mm] Concrete required below duct or solid surface.

TEMPLATE – Used to locate center of 2 1/2" [64mm] diameter holes cut in duct.

NOTE: ***Holes shown are not 2 1/2" [64mm], however center locations are correct.***



CAUTION: ***When printing copies of this template, please be sure template is scaled correctly and is the correct size once it is printed.***

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