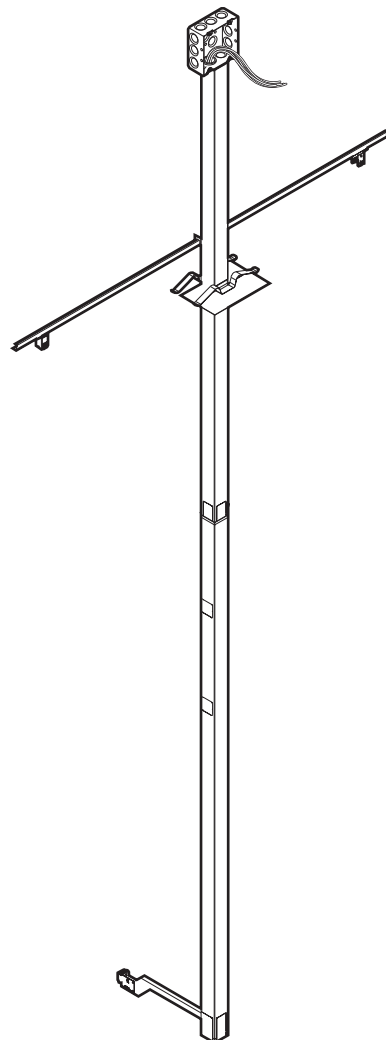




If you have a problem, question, or request, call your local dealer or AMQ Customer Care (877.801.0370) for immediate action by people who want to help you.



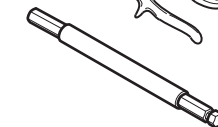
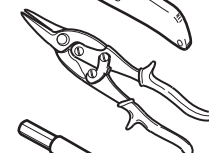
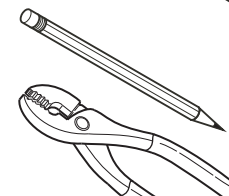
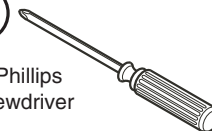
WARNING:



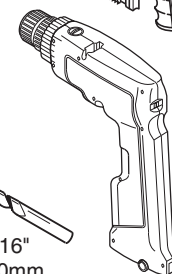
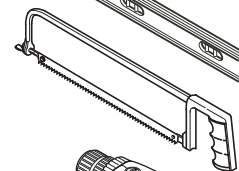
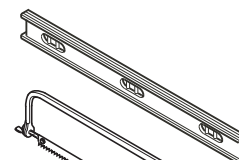
All electrical installations should be performed by a qualified person in accordance with all codes and regulations applicable at the installation site. Circuits should be checked for proper voltages all sources of power supply must be disconnected prior to any servicing or installation.



#2 Phillips screwdriver



3/16" Ball-End Allen Bit with 6" Extension



3/16" 4.80mm





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7	Utility Pole Preparation
8	Panel Preparation
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10	Accommodating Various Ceiling Heights
11	Upper Carrier Installation
12-13	Electrical Harness Installation
14	Upper and Lower Installation
15	Ceiling Grid installation
16	Final Installation



Wiring Information

	System	Flag Color
• 3-Circuit, Shared Neutral and System Ground	(SHN)	Black
• 4-Circuit, 3 with Shared Neutral and System Ground and 1- Isolated Circuit and Ground	(3+D)	Black

Optional Wiring Schematics:	System	Flag Color
• 2-General Circuits with Shared Neutral & System Ground and 2-Isolated circuits with Shared Neutral and Isolated	(2+2)	Grey
• 3-Separate Circuits - 2 with own Neutral and Isolated Ground, 1 with own Neutral and System Ground	(SPN)	White
• 4-Circuit - 3 with Shared Neutral and Isolated Ground, 1-Circuit with System Ground.	(3I+1)	Tan

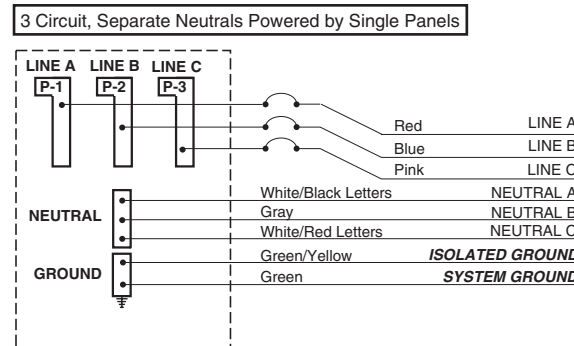
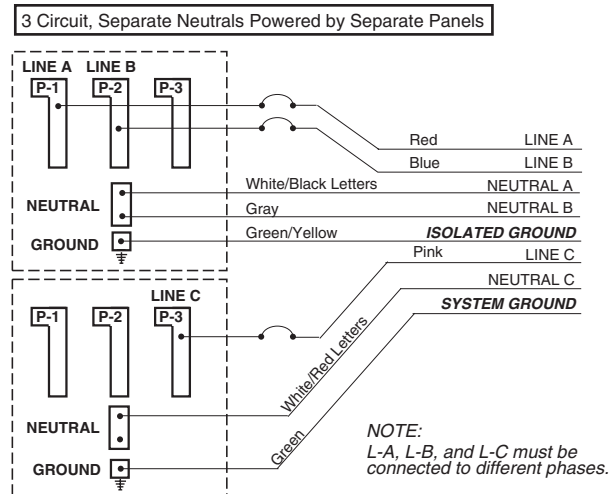
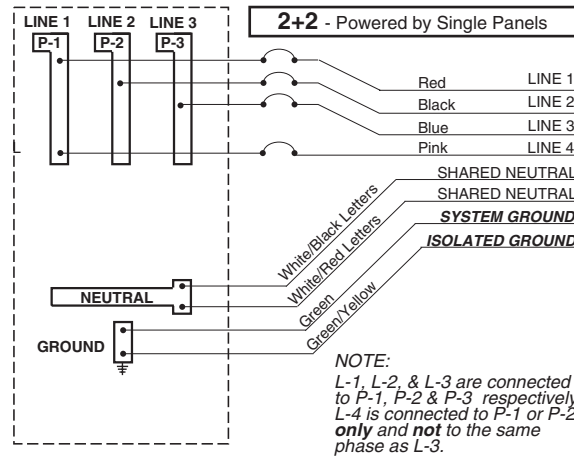
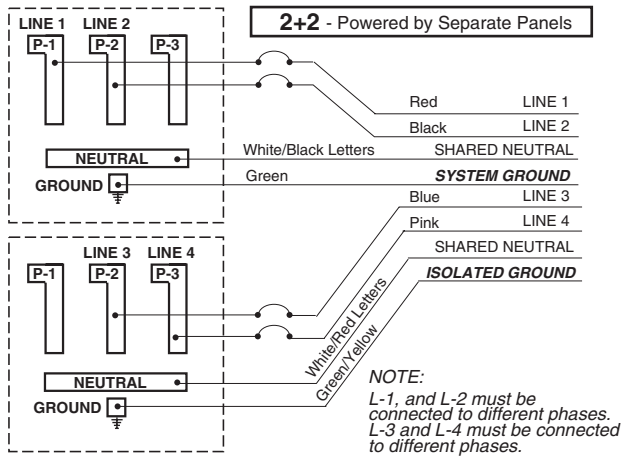


WARNING:



All electrical installations should be performed by a qualified person in accordance with all codes and regulations applicable at the installation site. Circuits should be checked for proper voltages all sources of power supply must be disconnected prior to any servicing or installation.

Wiring Schematic



ELECTRICAL DATA:

125 V 60 HZ 20 Amp USA/CANADA

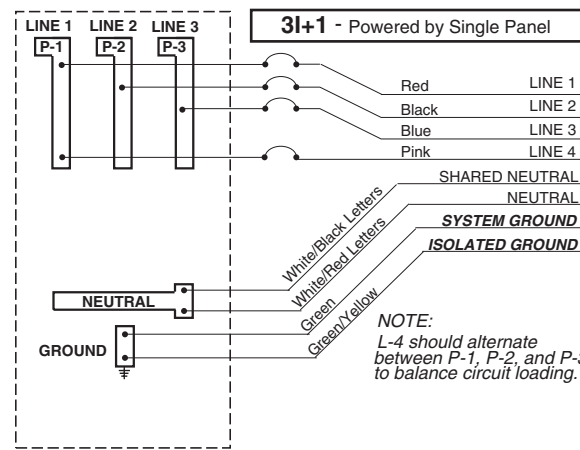
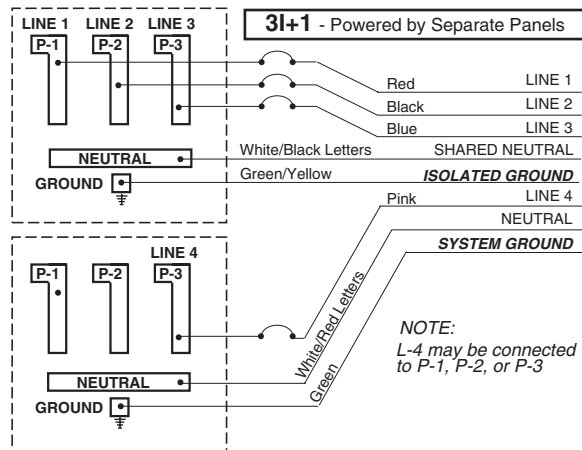
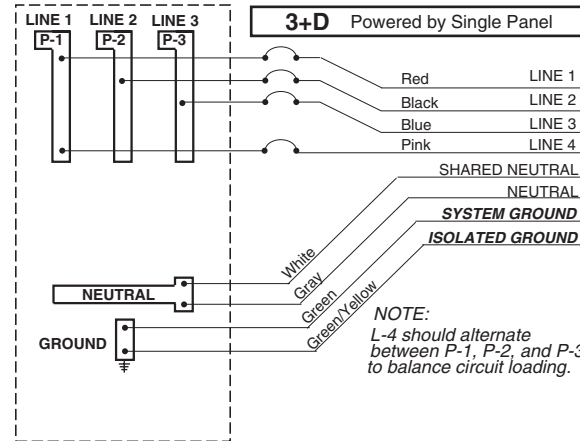
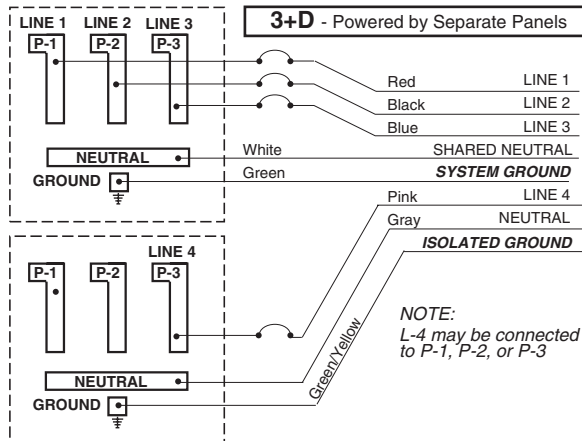
208Y/120 VAC 3-Phase Service
250/125 VAC 1-Phase Service

Wiring schematics must be followed to prevent overloading of the neutrals.

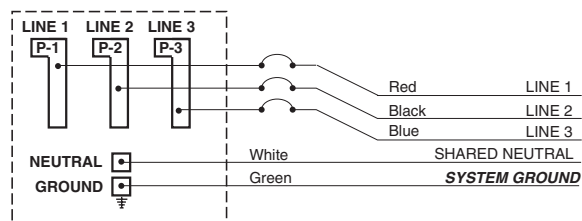
WARNING:

Risk of Fire or Electric Shock: This office furnishing system may be connected to more than one source of supply. All sources must be disconnected prior to any servicing. No single circuit may be powered by more than one source.

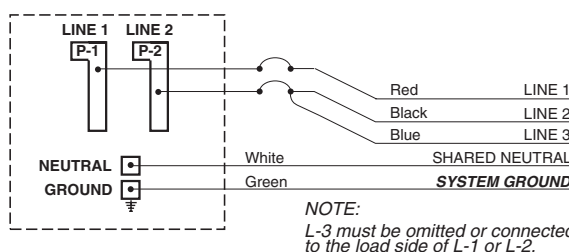
Wiring Schematic



3 Circuit, Shared Neutral



3 Circuit, Shared Neutral Powered by Split Phase Panel



ELECTRICAL DATA:

125 V 60 HZ 20 Amp USA/CANADA

208Y/120 VAC 3-Phase Service
250/125 VAC 1-Phase Service

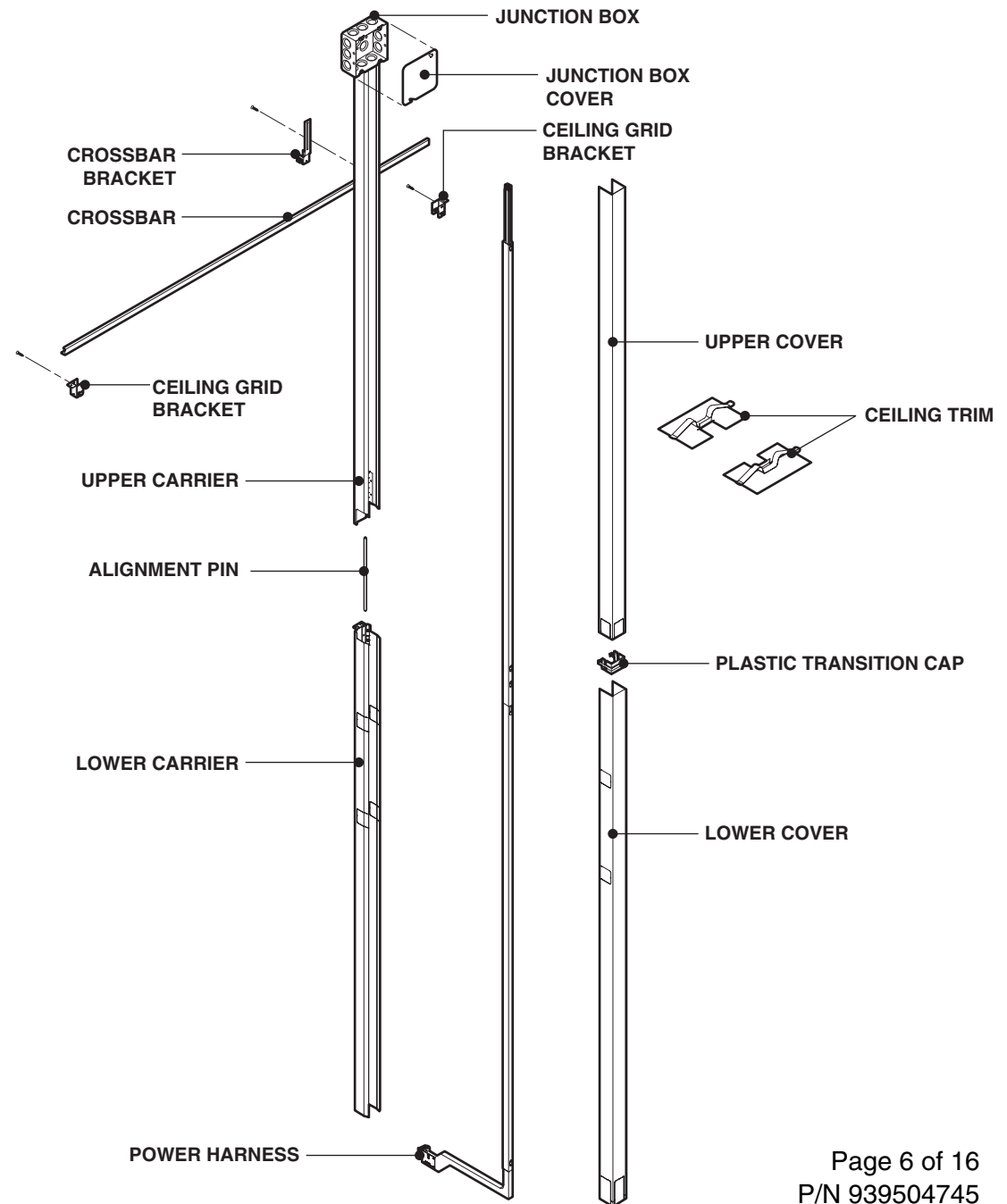
Wiring schematics must be followed to prevent overloading of the neutrals.

WARNING:

Risk of Fire or Electric Shock: This office furnishing system may be connected to more than one source of supply. All sources must be disconnected prior to any servicing. No single circuit may be powered by more than one source.

kick Utility Pole Components

	Screws for ceiling grid parts		
	Transition cap		
	Panel end filler (foam block)		
	Special Panel Connector		
	Bushing for J-Box		
	LH COH Corner Bracket		RH COH Corner Bracket
	LH COH In-Line Bracket		RH COH In-Line Bracket
	1/4-20 screw with 3/16" allen head for panel connections (supplied with panel)		

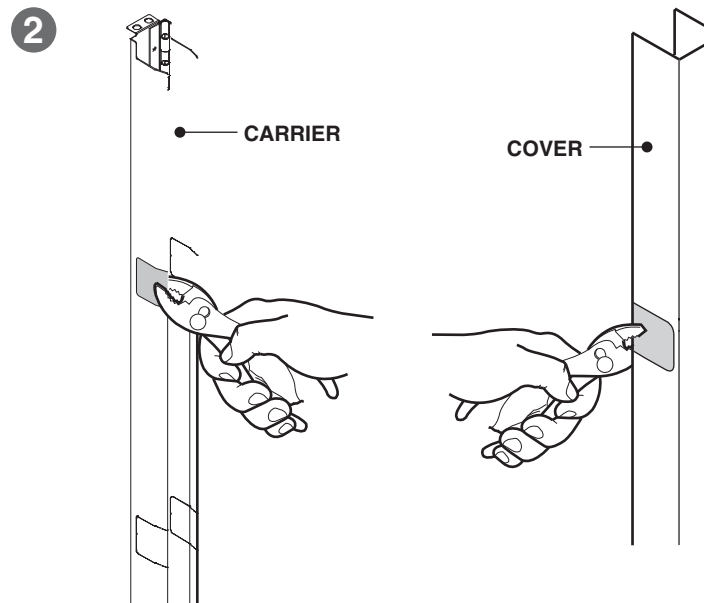
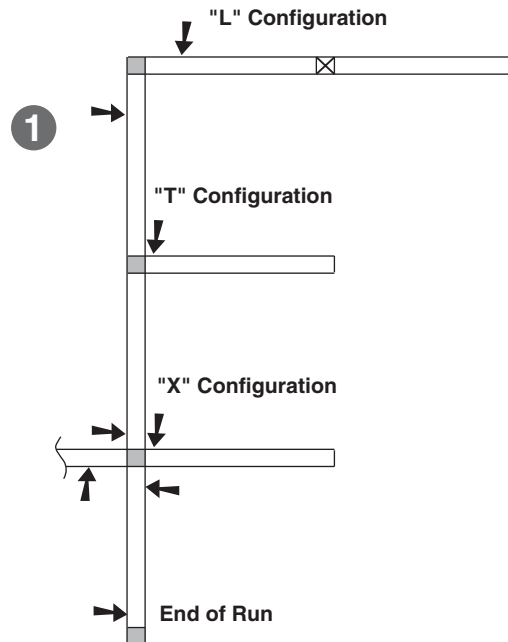


Utility Pole Preparation

1. First, clearly understand which panel will own the utility pole.
2. If the panel arrangement includes a change of height, remove knockouts from the upper or lower carrier or cover, as required, to allow cable passage from panel to panel.
3. When installing a power pole (as opposed to a cable pole) in an "L", "T" or "X" arrangement, the electrical wireway will obstruct one corner of the 2" x 2" cross-section of the power pole, and will not allow use of a standard panel connector to connect an equal-height panel at that corner.

If a panel connection must be made at this corner, and the panels are the same height, a corner change-of-height connector may still be used. A pair of corner COH connectors is supplied with all utility poles.

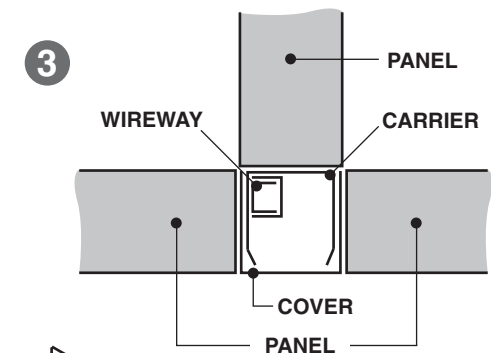
This also means that when using a utility pole, for some change of height "X" configurations that require four (4) corner COH connectors, only one (1) additional COH connector package needs to be ordered instead of two (2). See pages 8 and 9 of "Assembly of kick Panel Systems" (assembly direction 939504744) for more information.



Pre-Installation Notes

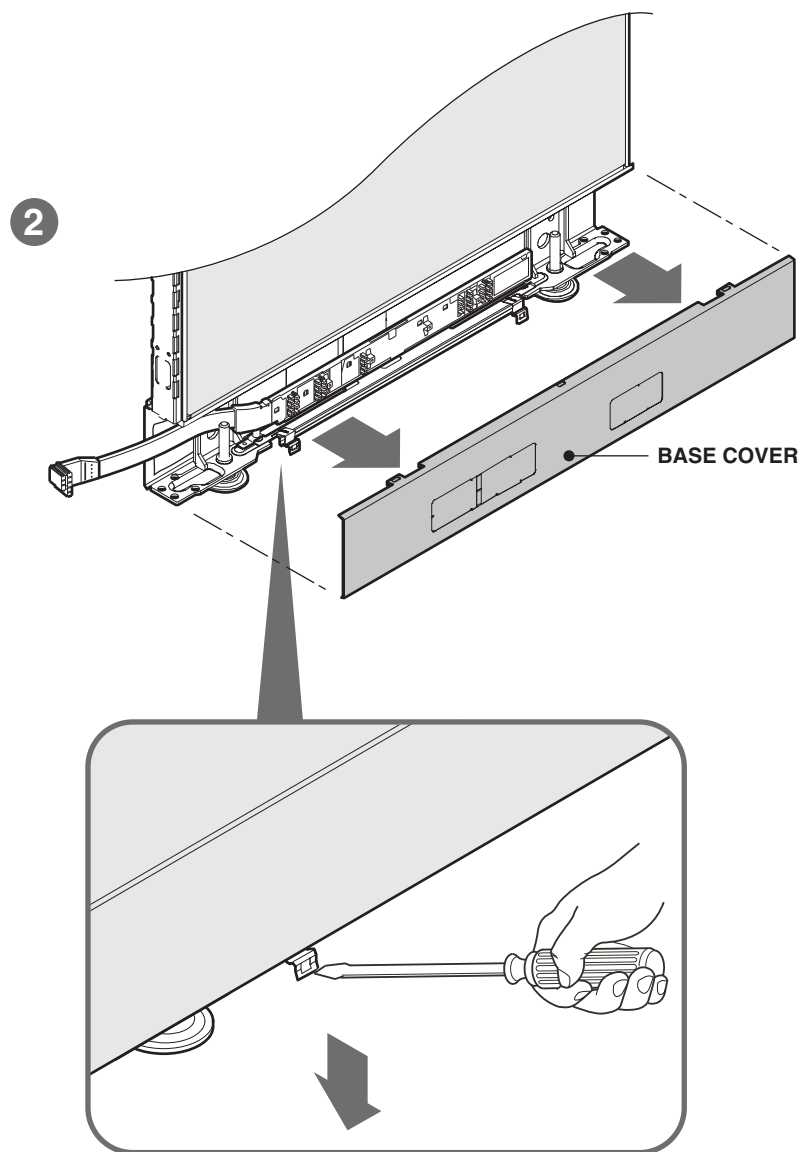
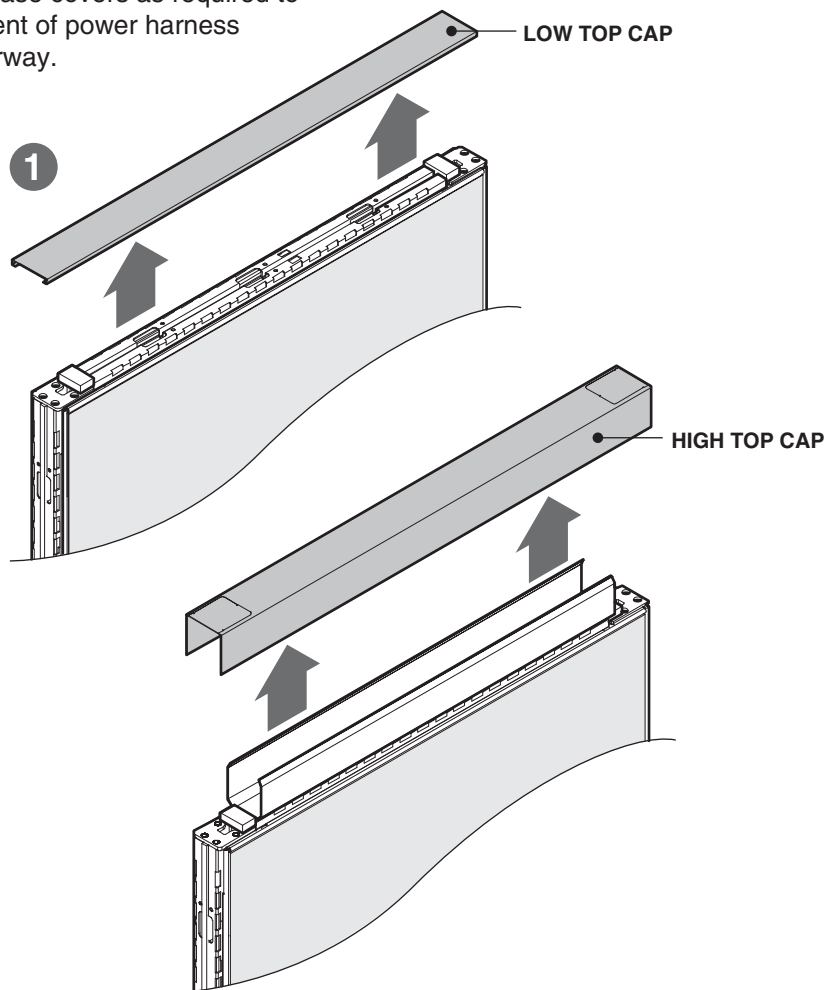
- ☒ = Utility Pole cannot be installed.
- ☐ = Utility Pole can be installed.
- ➔ = Mount Utility Pole to this panel.

Power Pole connection to the powerway can only be made on the end of the powerway that does not have a flag connector.



Panel Preparation

1. Remove top cap from the panel that will own the utility pole to allow attachment of the lower carrier.
2. Remove base covers as required to allow attachment of power harness to panel powerway.



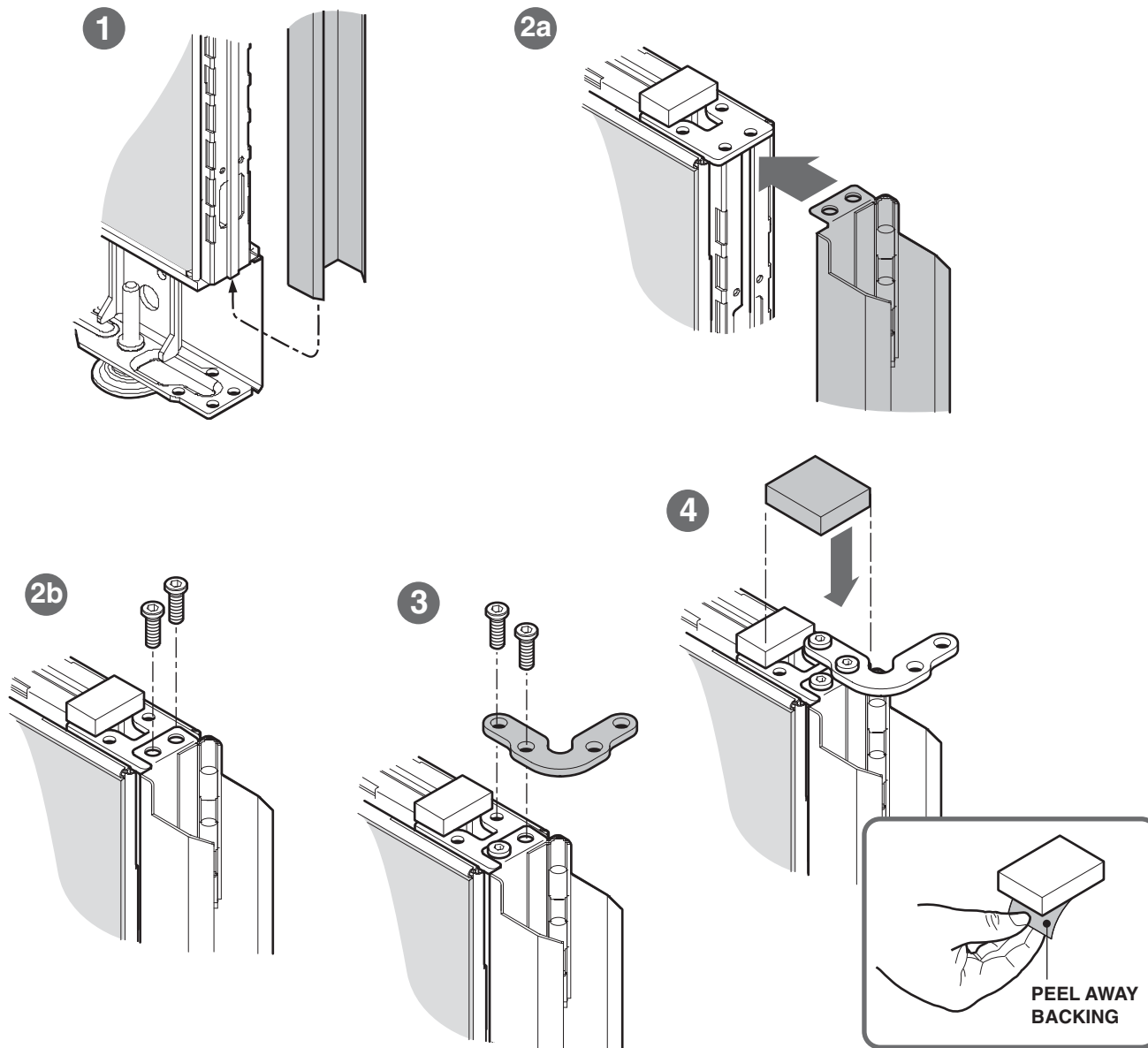
Lower Carrier Installation

1. Hook the bottom of the lower carrier to the bottom of the slotted channel on the panel. Do not remove the vertical light seal.

2. Align the holes in the top flange of the carrier with the front two holes in the panel's upper mounting plate. If no connectors are required, fasten the top flange with two (2) of the 3/16" allen-head 1/4-20 screws that come with the panel.

3. If attaching other panels, place the appropriate connector(s) over the top of the carrier flange, and attach each connector to this panel with two (2) screws per connector. Attach the other end of the connector(s) to the adjacent panel(s) as required. Use the supplied special connector as shown to attach an equal-height panel to the side of the lower carrier that accepts the alignment pin.

4. If not using a connector, or if using a change-of-height connector, or if using a high top cap (with or without a connector), affix a panel end filler (foam block) to the top of the panel after attaching the lower carrier.



Accommodating Various Ceiling Heights

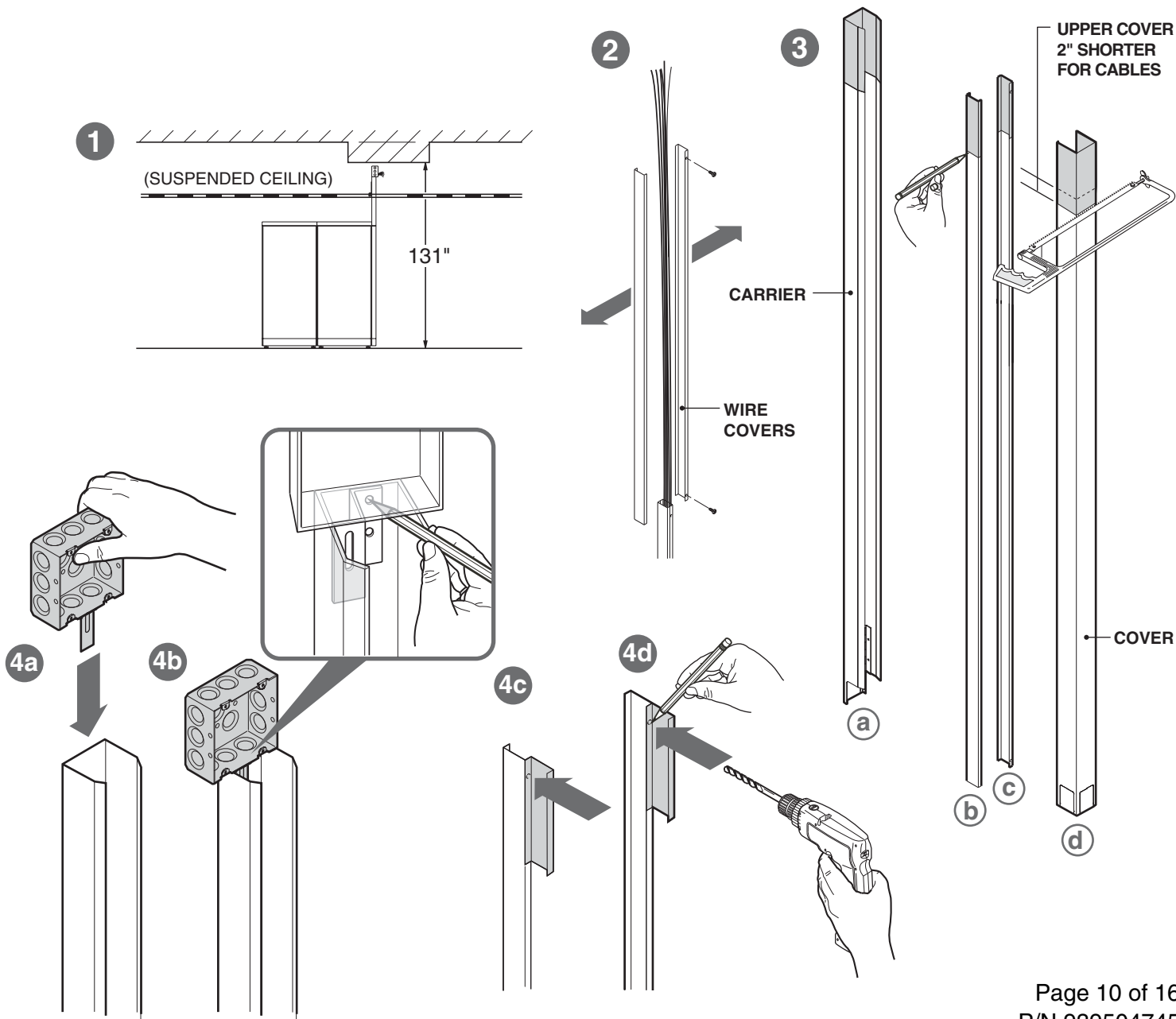
1. Because the utility pole must extend beyond the height of the suspended ceiling, the upper sections may need to be modified to accommodate obstructions above the ceiling tiles.

If no obstructions exist between the floor and a height of 131", proceed to page 11.

2. If there are obstructions below 131", first disassemble the upper wire harness covers.

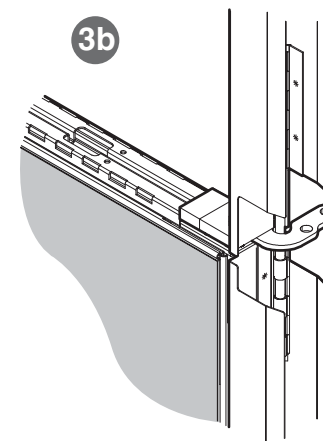
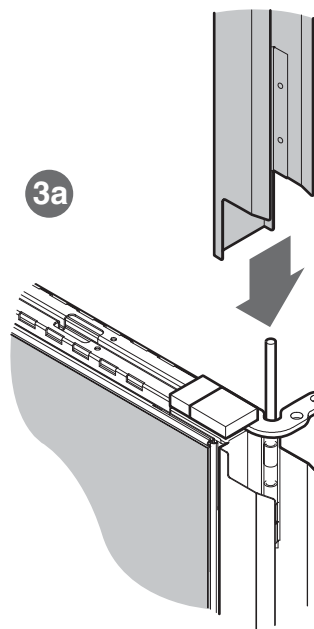
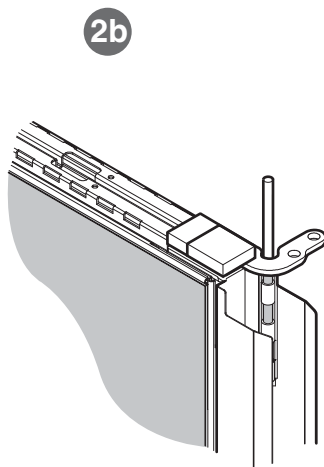
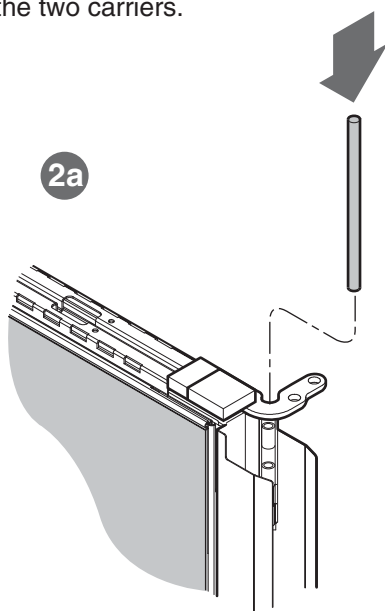
3. Mark the desired cutting location on the upper wire harness covers, the upper carrier, and the upper cover. The upper cover should be cut 2" shorter than the other parts to allow for routing data cables.

4. Mark screw hole locations as shown, and drill pilot holes using a 3/16" drill bit.



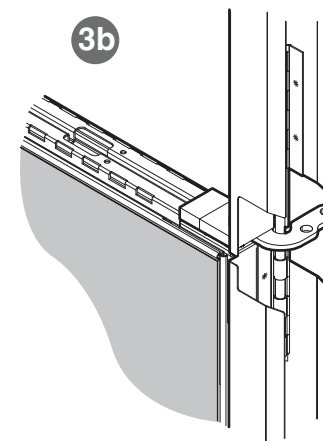
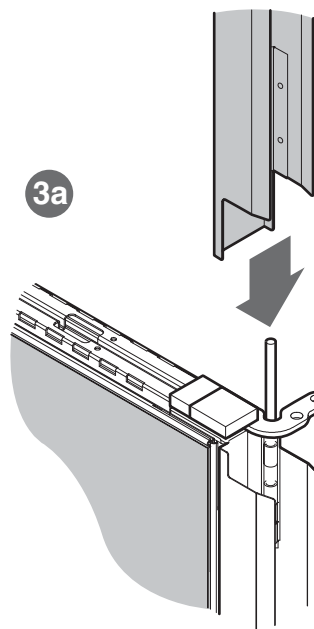
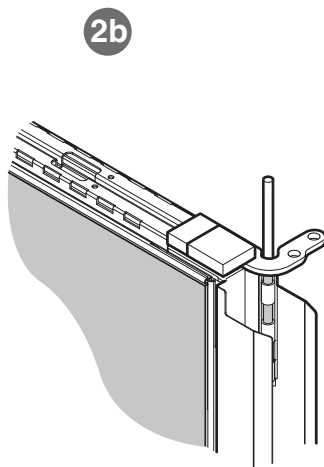
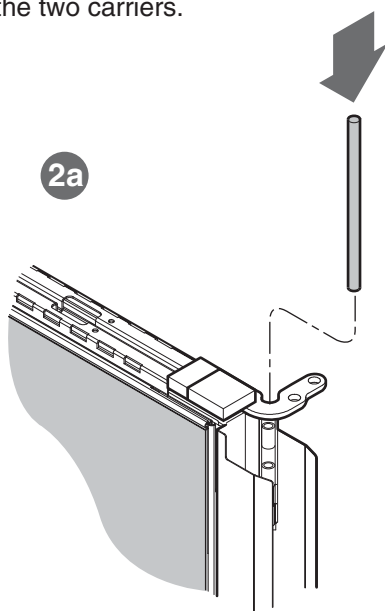
Upper Carrier Installation

1. Remove the ceiling tile directly above the utility pole location.
2. To install the upper carrier, insert the alignment pin into the brackets at the top of the lower carrier and at the bottom of the upper carrier.
3. Push the upper carrier down until it bottoms out. The pin may not be able to bottom out in either one of the pin brackets, its only purpose is to align the two carriers.



Upper Carrier Installation

1. Remove the ceiling tile directly above the utility pole location.
2. To install the upper carrier, insert the alignment pin into the brackets at the top of the lower carrier and at the bottom of the upper carrier.
3. Push the upper carrier down until it bottoms out. The pin may not be able to bottom out in either one of the pin brackets, its only purpose is to align the two carriers.

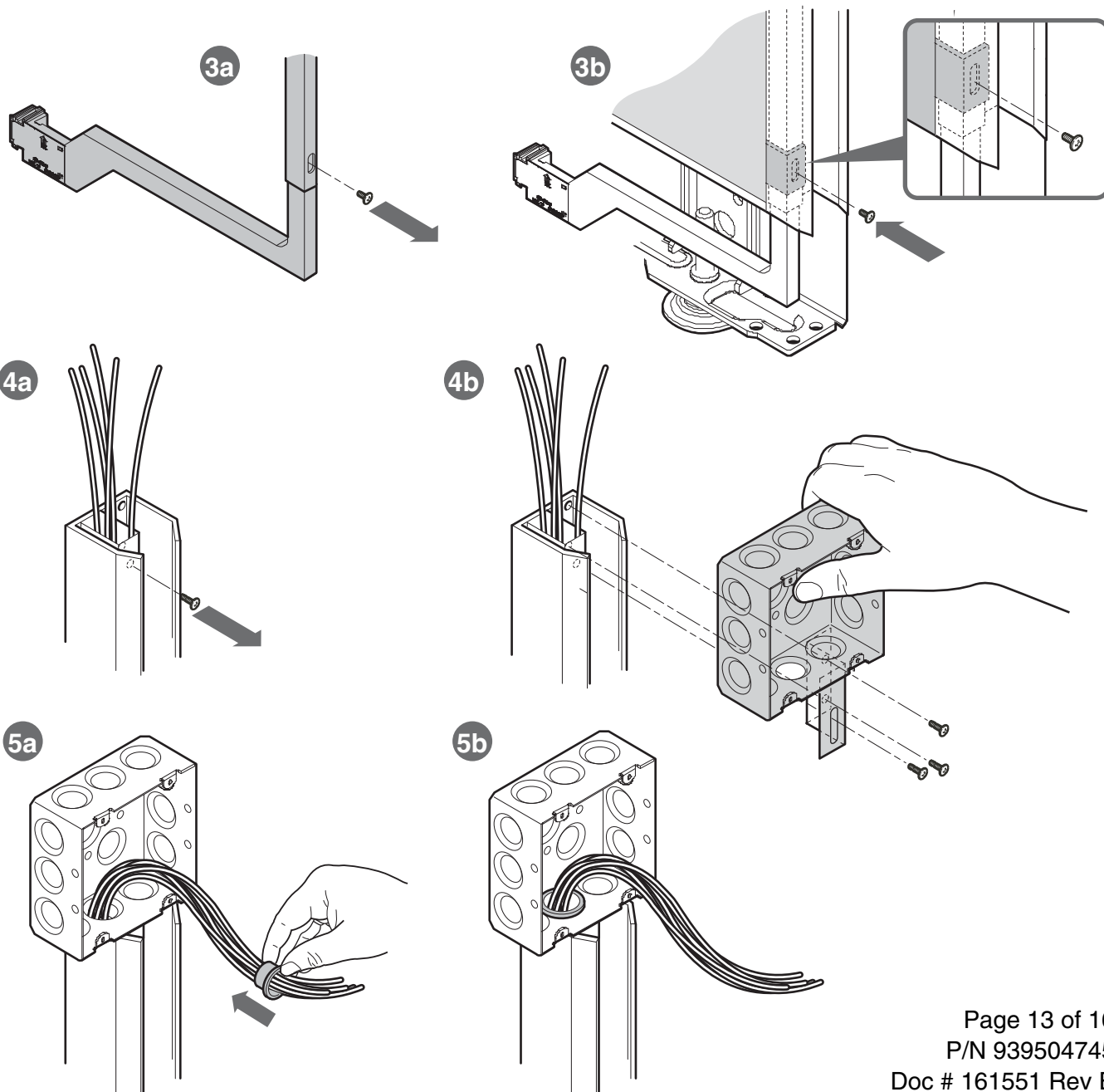


Electrical Harness Installation (cont.)

3. Remove the bottom screw from the electrical harness, and use it to fasten the bottom of the harness to the lower carrier.

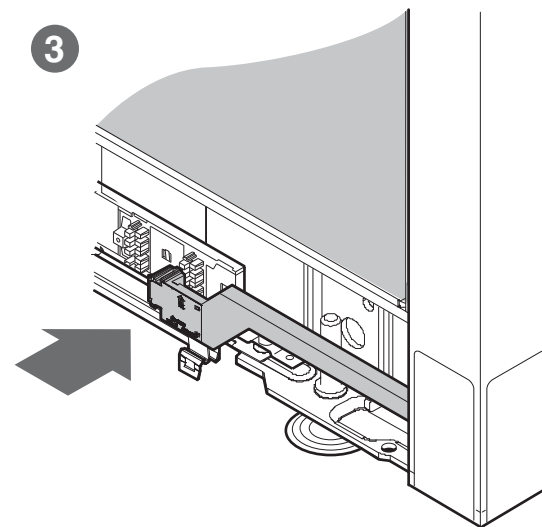
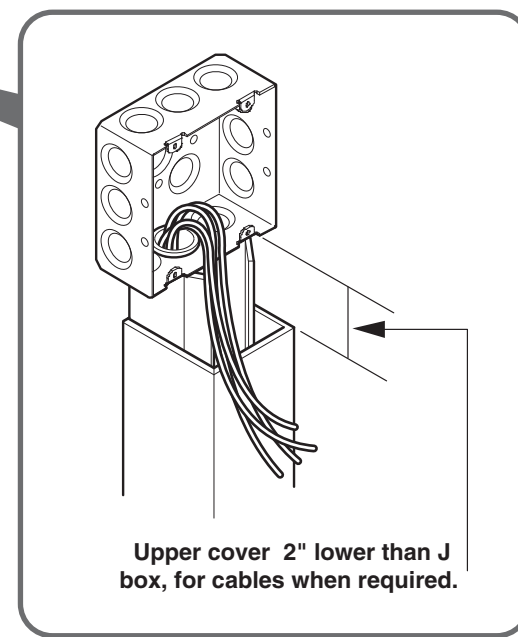
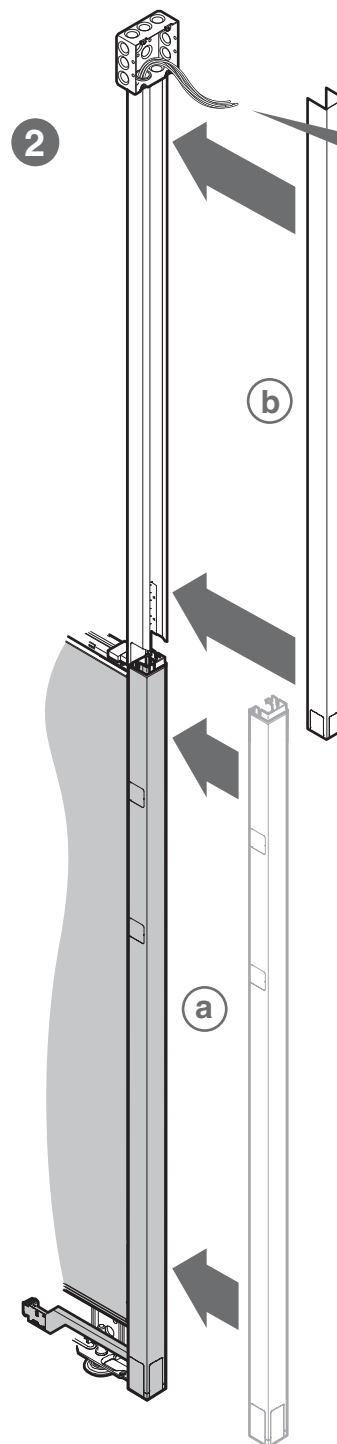
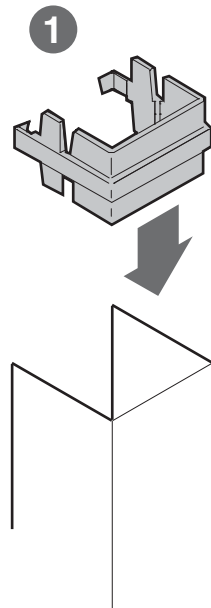
4. Remove the top screw from the electrical harness, and use it and two other screws to fasten the top of the harness and the junction box to the top of the upper carrier. Route the electrical wires into the junction box before tightening the screws.

5. Use the supplied grommet as shown.



Upper and Lower Cover Installation

- 1.** Attach plastic transition cap to lower cover. One or both free ends of the plastic transition piece may need to be removed to allow clearance for panel connectors.
- 2.** Slip the lower cover on to the lower carrier first; then slip the upper cover over the upper carrier.
- 3.** Snap the electrical harness whip onto the powerway.



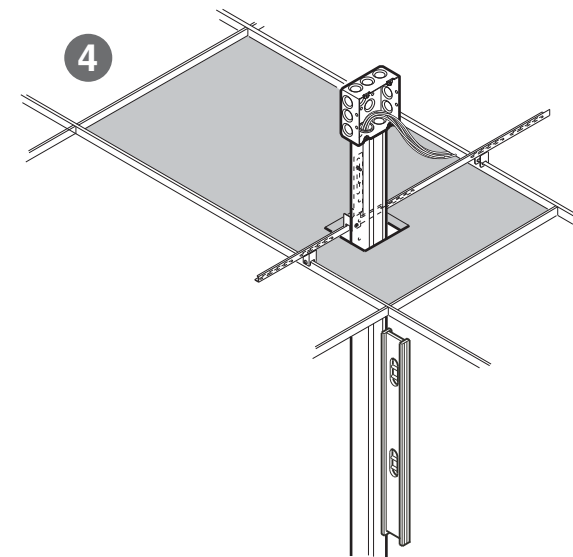
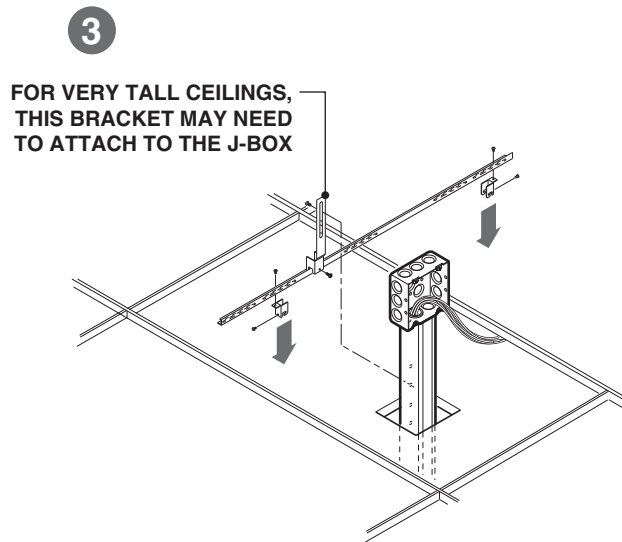
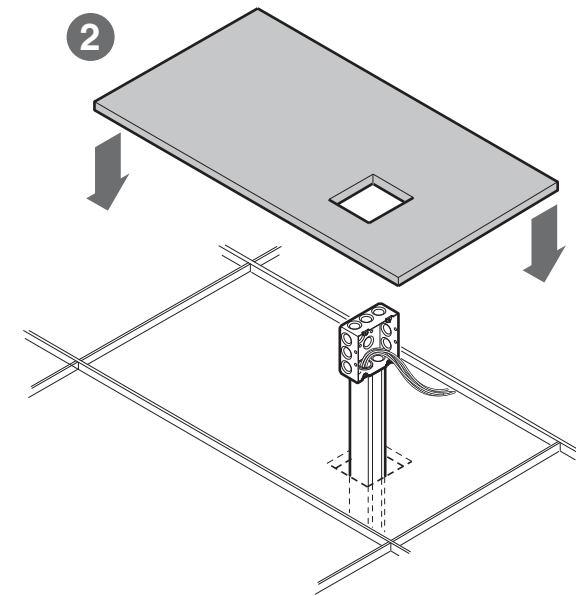
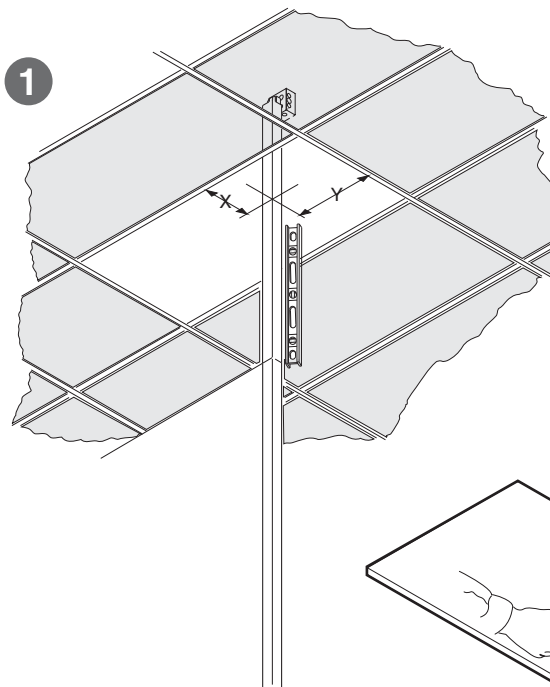
Ceiling Grid Installation

1. With the utility pole in a plumb, vertical position, measure its location in the ceiling grid opening. Cut a hole in the ceiling tile in the appropriate location large enough to fit over the junction box.

2. Replace the ceiling tile.

3. Attach upper utility pole section to ceiling grid as shown. Use a 3/16" drill to drill pilot holes as required, but avoid drilling into the electrical harness.

4. Level and adjust as necessary.



Final Installation

1. Attach ceiling trim as shown.
2. Reattach panel base trim(s) and top cap(s) as required.

