Assembly Instructions

DataLink® Training Table System

August 2020

Furnishing Knowledge®

DataLink® Training Table System

Table Setup

Ganging Tables

Electrical Installation:

Data/Communication Installation

Accessories

CAUTION

Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

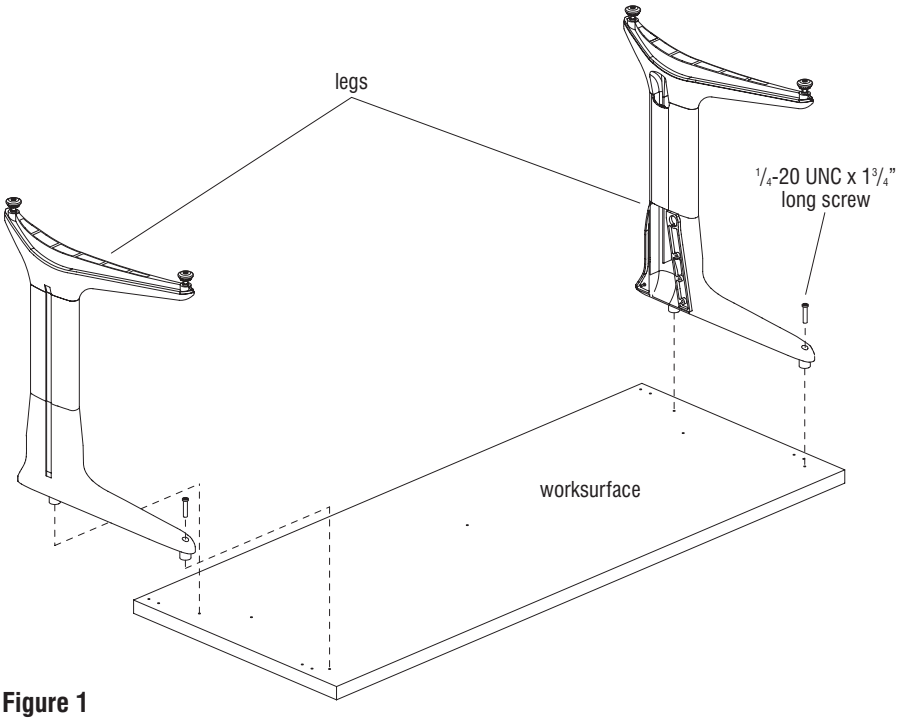


Figure 1

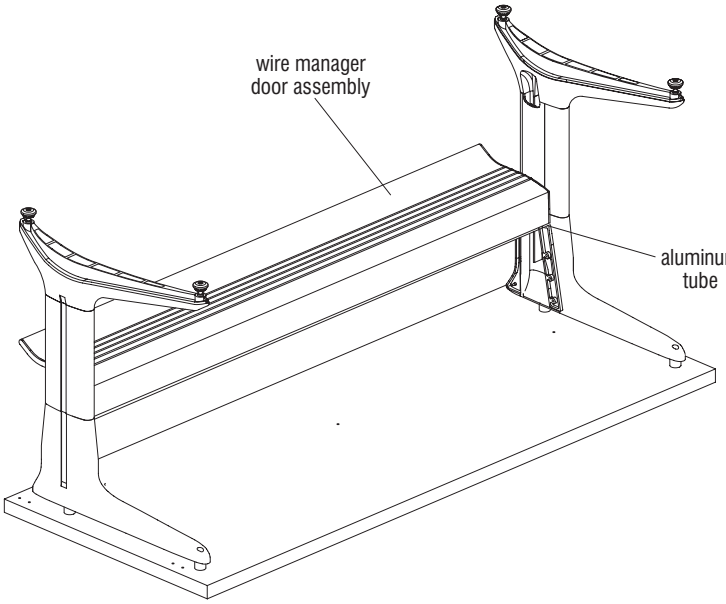
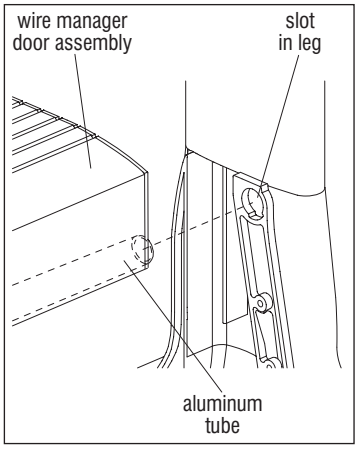


Figure 2



Detail A

DataLink® Fixed Table - Field Assembly Procedures

Hardware Included:
4- 1/4-20 UNC x 1 3/4" long screws
6- #8 x 3/8" tapping screws
3- #14 x 3/4" tapping screws
1- Torx drill bit

Tools Required:
- Level
- Phillips Head Screwdriver
- Soft, Protective Surface

1. Place worksurface face-down on a soft, protective surface.

2. Position the left- and right-hand legs on the underside of the worksurface. Align the pre-drilled holes in the worksurface with each leg's mounting holes. Start the two 1/4-20 UNC x 1 3/4" long screws for each leg. DO NOT tighten (Figure 1).

3. Insert each end of the aluminum tube on the wire manager door assembly into the slots on the left- and right-hand legs (Figure 2). Note the correct orientation of the keyway (Detail A).

4. Tighten down the 1/4-20 UNC x 1 3/4" long screws on each leg from step 2. Be careful NOT to strip out wood.

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DataLink® Fixed Table - Field Assembly Procedures (cont.)

5. Place the modesty panel down on the underside of the worksurface, lining up the three mounting holes with the pre-drilled holes in the worksurface.

6. Line up the three holes on the sides of the modesty panel with the mounting holes on the left- and right-hand legs. Insert three #8 x 3/8" tapping screws into each leg. DO NOT tighten (Figure 3).

7. Insert the three #14 x 3/4" tapping screws into the modesty panel holes aligned with the pre-drilled holes in the worksurface and tighten (Figure 3).

8. Tighten down the three #8 x 3/8" tapping screws in each leg from step 6.

9. Carefully turn the assembled table to the upright position.

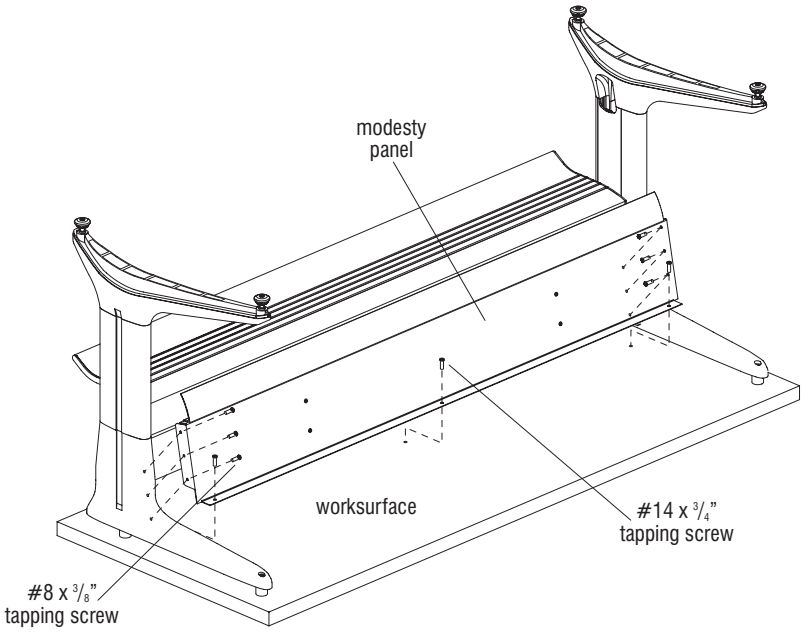

Figure 3

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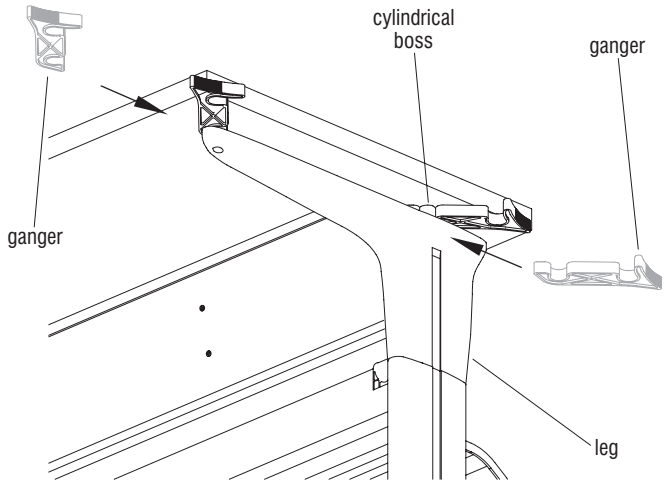

Figure 1

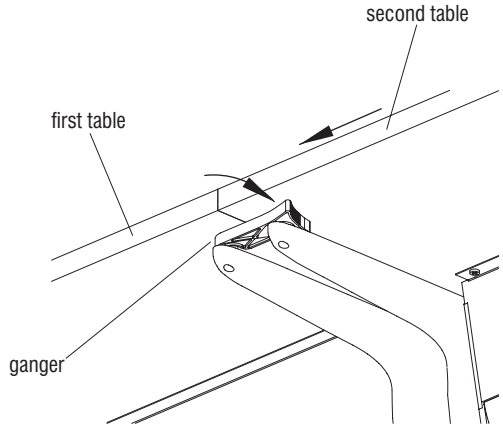

Figure 2

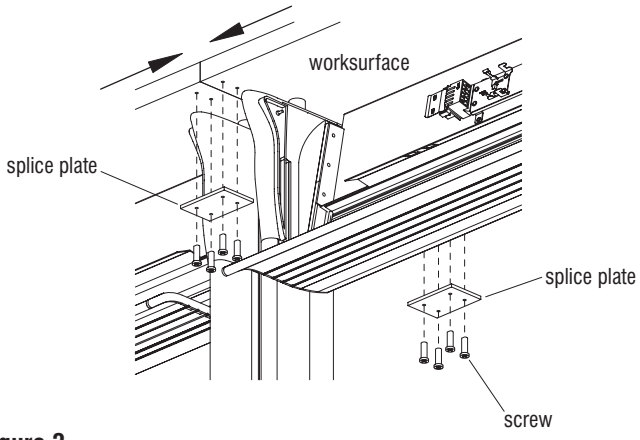

Figure 3

Ganger Assembly

Note: If two rows of tables are to be connected back-to-back, skip "Ganger Assembly" and "Splice Plate Assembly" instructions until referenced on page 13, "10-Wire Back-to-Back Jumper Installation" instructions or "Activ8 Back-to-Back Jumper Installation" instructions on page 24.

1. By adjusting the height of the glides, bring two tables to the same height and make certain they are level.
2. Snap the plastic gangers onto the first table's two cylindrical bosses, which are located at the top of the leg. Position the gangers under the table to allow room to slide the next table up to the first one (Figure 1).
3. Slide the second table up to the first and rotate each of the two gangers until they snap onto the cylindrical bosses on the second table (Figure 2).

Splice Plate Assembly

1. By adjusting the height of the glides, bring two tables to the same height and make certain they are level.
2. Slide the two tables together end-to-end. Position two splice plates at the front and back edges of the worksurface and secure each with the four screws provided. Worksurfaces are pre-drilled for the splice plates (Figure 3).

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Wedge Assembly

1. By adjusting the height of the glides, bring two tables to the same height and make certain they are level.

2. Turn the wedge upside down on a soft, protective surface. Align the four wedge supports with the pre-drilled holes and attach them to the wedge using two #14 x 1 3/4"long screws for each wedge support as shown in Figure 1. Next attach the four cylindrical bosses (ganger pegs) by aligning them with the pre-drilled holes and attaching them to the wedge using one #14 x 1 3/4" long screw for each boss (Figure 1).

3. Snap the four plastic gangers onto the cylindrical bosses of the wedge.

4. Assemble the wedge to the first table by sliding the wedge supports into the gap between the top of the leg and the underside of the worksurface (Figure 2).

5. Line up the front and back edge of the wedge with the front and back edge of the worksurface and lock the wedge in place by pivoting the gangers under the table until they snap onto the cylindrical bosses of the table (Figure 3).

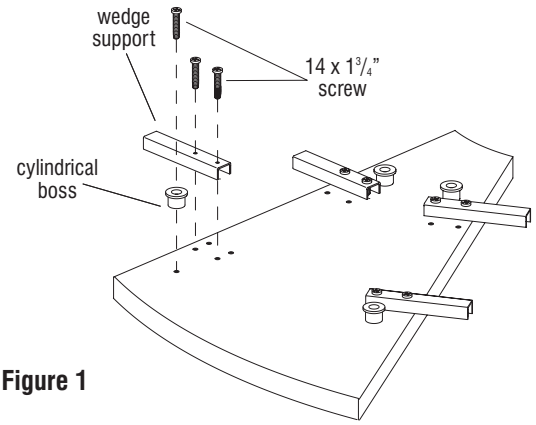

Figure 1

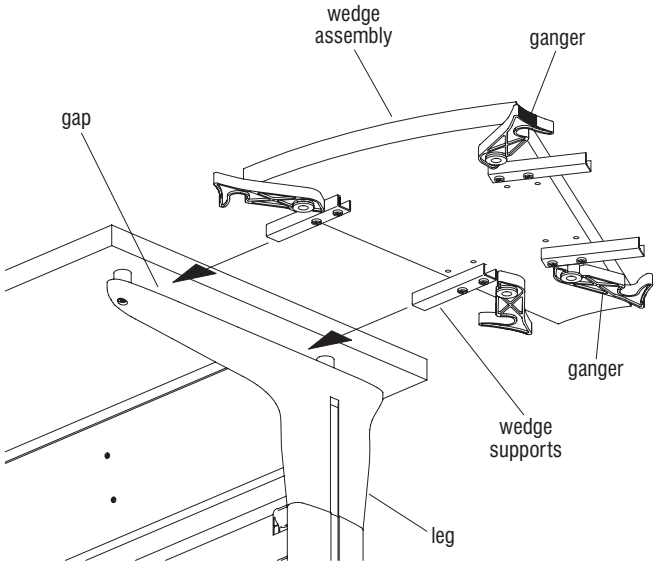

Figure 2

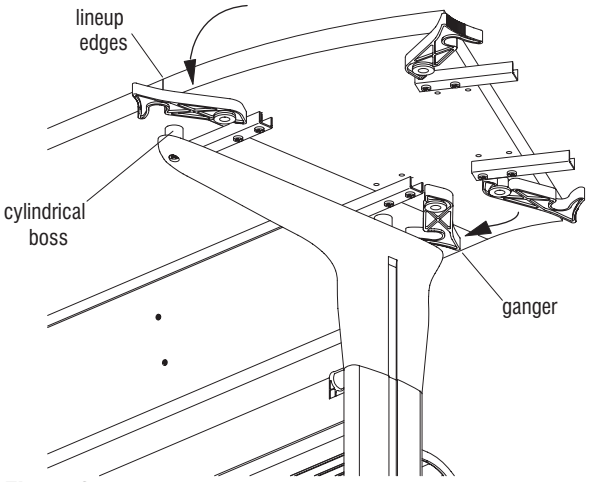

Figure 3

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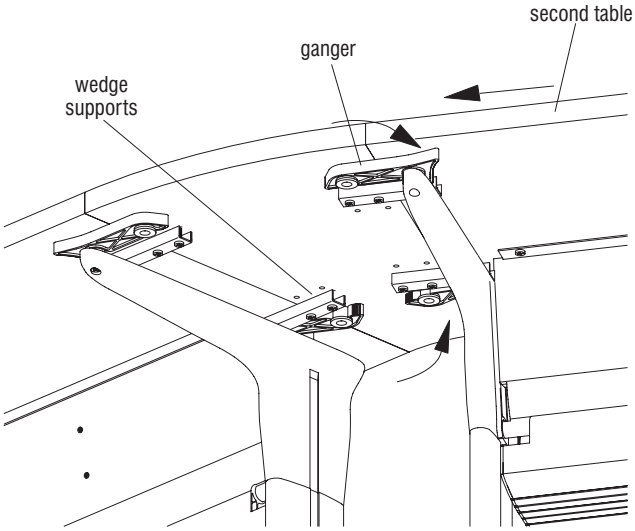

Figure 4

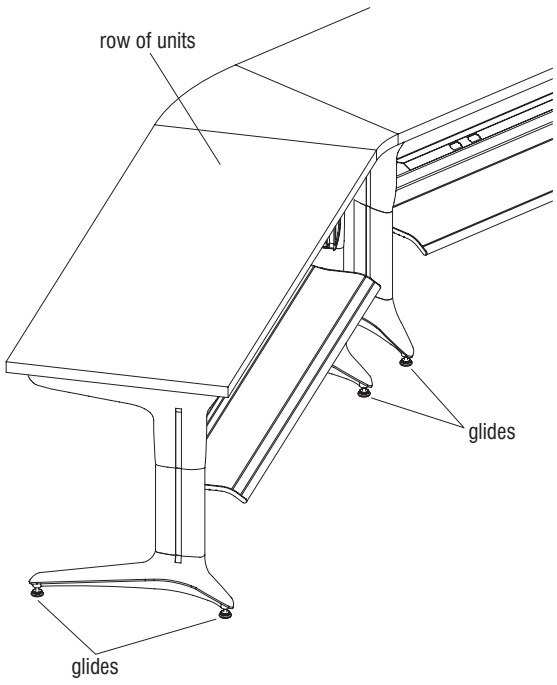

Figure 5

6. Slide the second table up to the wedge and position the wedge supports into the gap between the top of the leg and the underside of the worksurface. Pivot the gangers under the table until they snap onto the bosses (Figure 4).

Leveling Ganged Tables

Note: Some leveling of workstations may be required during assembly to achieve proper alignment.

Note: After all worksurfaces are in a row of units and are ganged together, leveling must be fine-tuned by starting at the highest point on the floor and working outward.

7. Leveling of worksurface is achieved by turning the four glides at the bottom of the legs. To raise the workstation, rotate the glides counter-clockwise. To lower the workstation, rotate the glides clockwise. Worksurface should be leveled front-to-back and side-to-side (Figure 5).

DataLink® Training Table System - 10-Wire Electrical System

Overview Diagram

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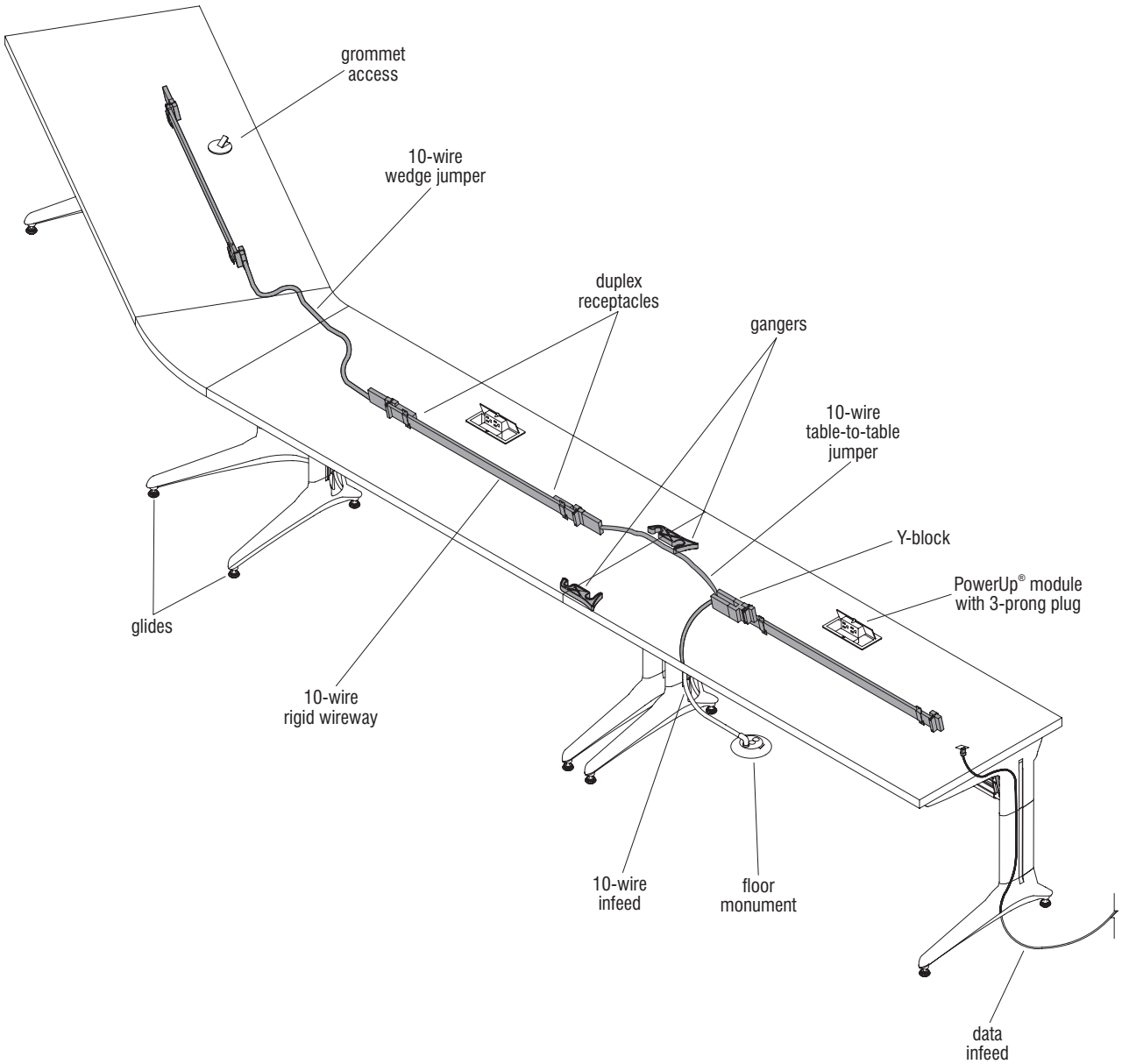

WARNING: Assembly of all mechanical frame components must be completed before making any electrical connections. All electrically connected furnishings must also be mechanically connected.

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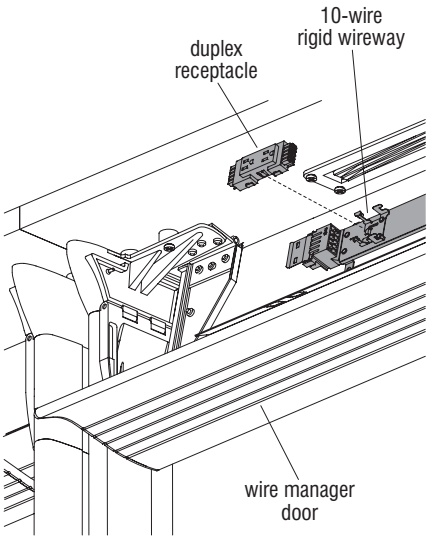

Figure 1

Duplex Receptacle Installation

Duplex receptacles for the 10-wire system are ordered separately. There are six receptacles available for accessing one of each of the six circuits of the 10-wire system. They are designed with a numeral on each (i.e. 1, 2, 3, 4, 5, & 6). All of the receptacles are black. Circuits 4, 5, and 6 have orange triangles to identify them as isolated circuits. To install the receptacles, follow the steps below.

Note: The layout drawing from KI indicates where each numbered receptacle should be placed. Please follow the layout drawing.

1. Open the wire manager door exposing the 10-wire rigid wireway mounted on the steel modesty panel inside the wire trough assembly.

2. Plug the required duplex receptacle(s) into the plastic ends of the 10-wire rigid wireway and secure by inserting until metal snap engages (Figure 1).

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10-Wire Power Base Infeed Installation

Warning: BE SURE all power is turned OFF!

Note: The power infeeds are to be connected to the power source by a qualified electrician who must follow all state and local codes at the building site and check the electrical integrity of the finished system.

Note: If tables are configured table-to-table or back-to-back with 10-wire power, tables must be mechanically connected with gangers or splice plates before 10-wire power is run between them.

1. Open the wire manager door and swing it down past the leg until it clears the leg door (Figure 2).

2. Open the leg door exposing the two channels in the leg (Figure 3). The leg channel that is closest to the front of the leg is the electrical raceway.

3. Lay the 10-wire base infeed into the channel in the leg and snap the end of the infeed into the factory installed 10-wire rigid wireway (Figure 4). Be sure the steel clip engages with the infeed for a secure fit.

4. Close the leg door and wire manager door.

   If you will be installing data lines, raise the wire manager door to a position parallel to the floor to use the door as a shelf to hold data wires during installation and reference "Data/Communications from Floor Installation" instructions on page 29. This will ease data line installation.

   Note: The wire manager is not to be used for routing extension cords.

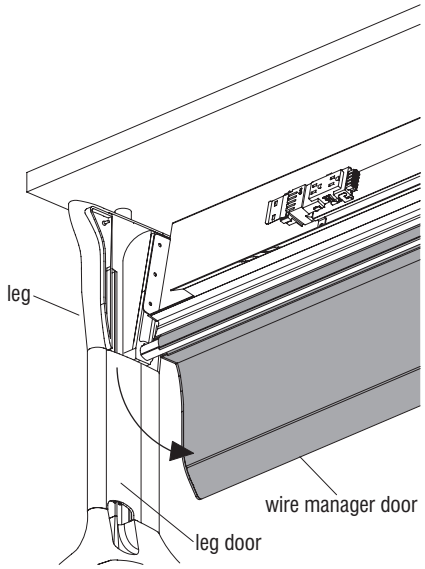
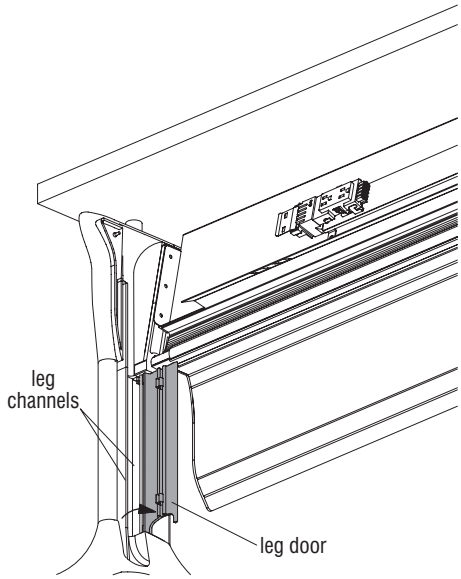


Figure 2



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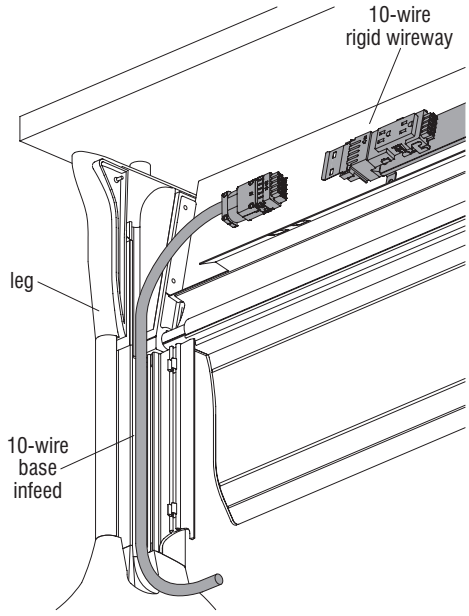

Figure 4

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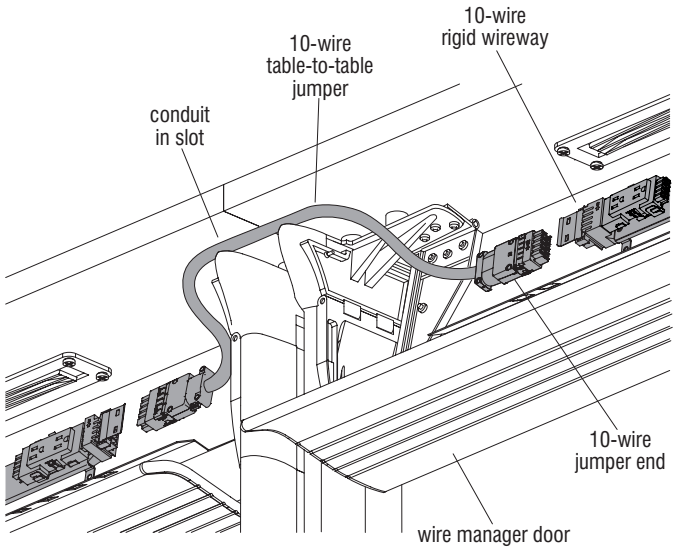

Figure 5

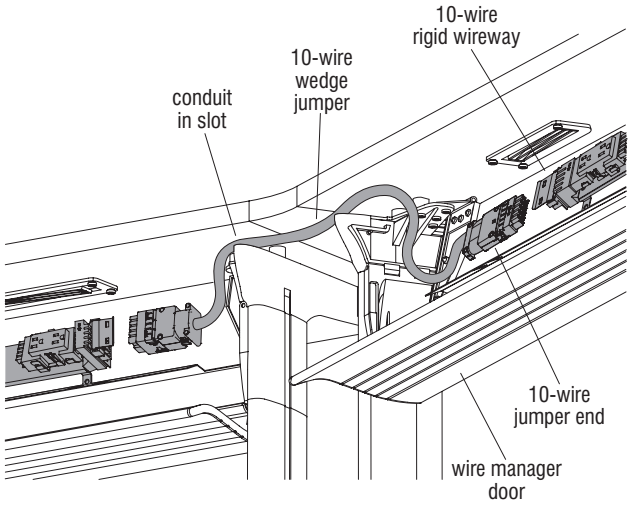

Figure 6

10-Wire Table-to-Table Jumper Installation

Note: If two rows of tables are to be connected back-to-back, skip "10-Wire Table-to-Table Jumper Installation" instructions on this page and proceed to "10-Wire Back-to-Back Jumper Installation" instructions on page 13.

1. Open the wire manager door of each table.

2. Snap the 10-wire table-to-table jumper ends into each table's factory installed 10-wire rigid wireway. Be sure the steel clip engages each jumper for a secure fit. Position the steel conduit of the jumper into the slot at the back, top of each table's leg as illustrated (Figure 5).

10-Wire Wedge Jumper Installation

1. Open the wire manager door of each table.

   Note: The 10-wire wedge jumper is not the same jumper as the 10-wire table-to-table jumper.

2. Snap the 10-wire wedge jumper ends into each table's factory installed 10-wire rigid wireway. Be sure the steel clip engages each jumper for a secure fit. Position the steel conduit of the jumper into the slot at the back, top of each tables leg as illustrated (Figure 6).

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10-Wire Power Base Infeed in Middle of a Table Series (Quad-Block) Installation

1. As illustrated, plug the 17" 10-wire table-to-table jumper, 30" 10-wire table-to-table jumper and 10-wire base infeed into the quad block (Figure 7).

2. Set the above installed electrical components into the strain-relief back as illustrated, place the strain relief front over the mounting holes of strain-relief back, and secure together using four #10-24 x $^3/_8$" self-tapping screws (Figure 7).

3. Open the wire manager door of each table and swing the door of the table accepting the infeed down past the leg until it clears the leg door. Open the leg door exposing the two channels in the leg. The leg channel that is closest to the front of the leg is the vertical electrical raceway (Figure 8).

4. Place the center infeed assembly up into the horizontal raceway and run the exposed 10-wire ends of the center infeed assembly down the front vertical electrical raceway in the leg as illustrated (Figure 8).

5. Bend the 17" 10-wire table-to-table jumper of the center infeed assembly around and plug it into the nearest 10-wire rigid wireway as illustrated. Plug the 30" table-to-table jumper into the rigid wireway at the other table.

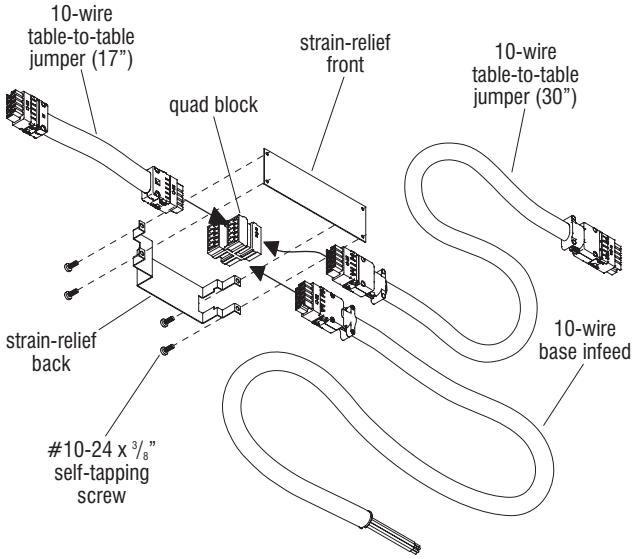

Figure 7

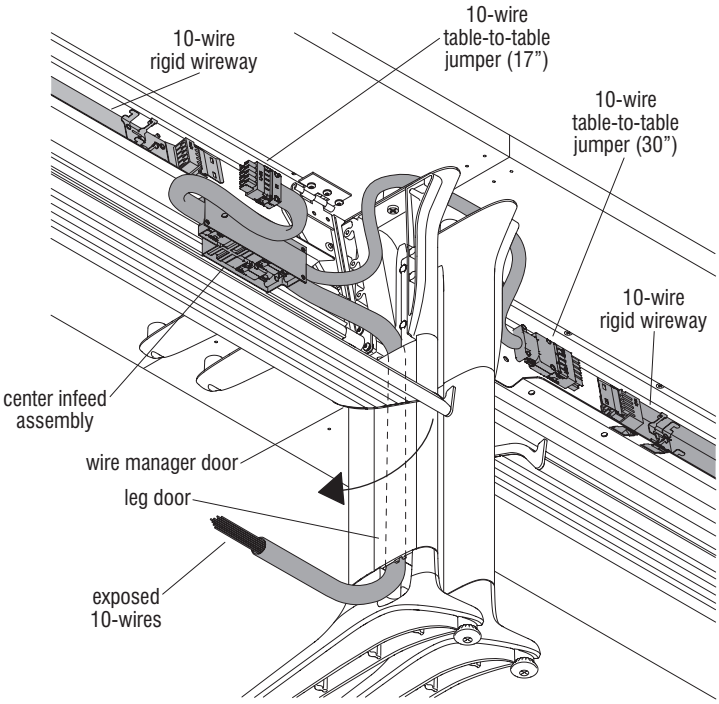

Figure 8

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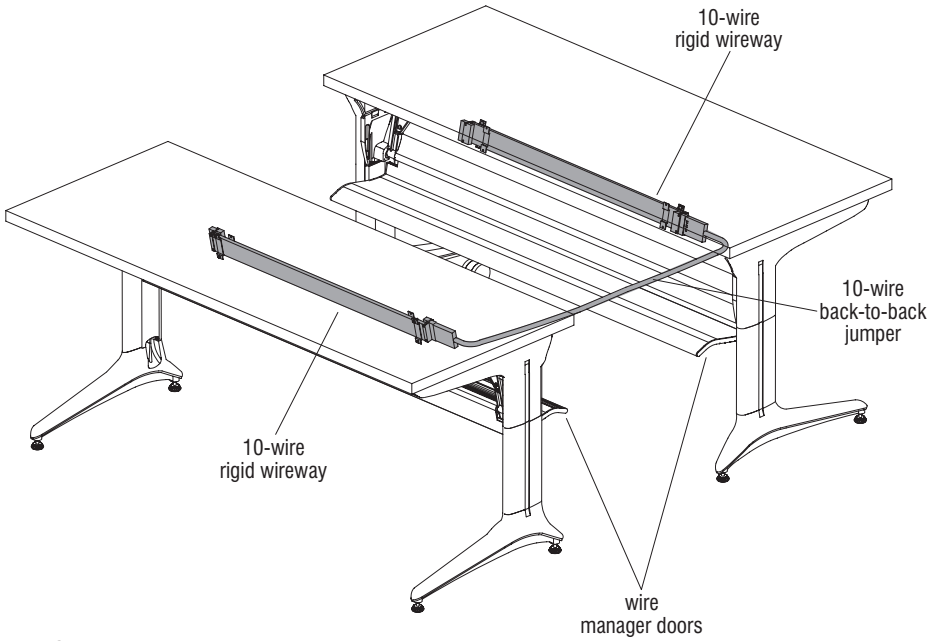

Figure 9

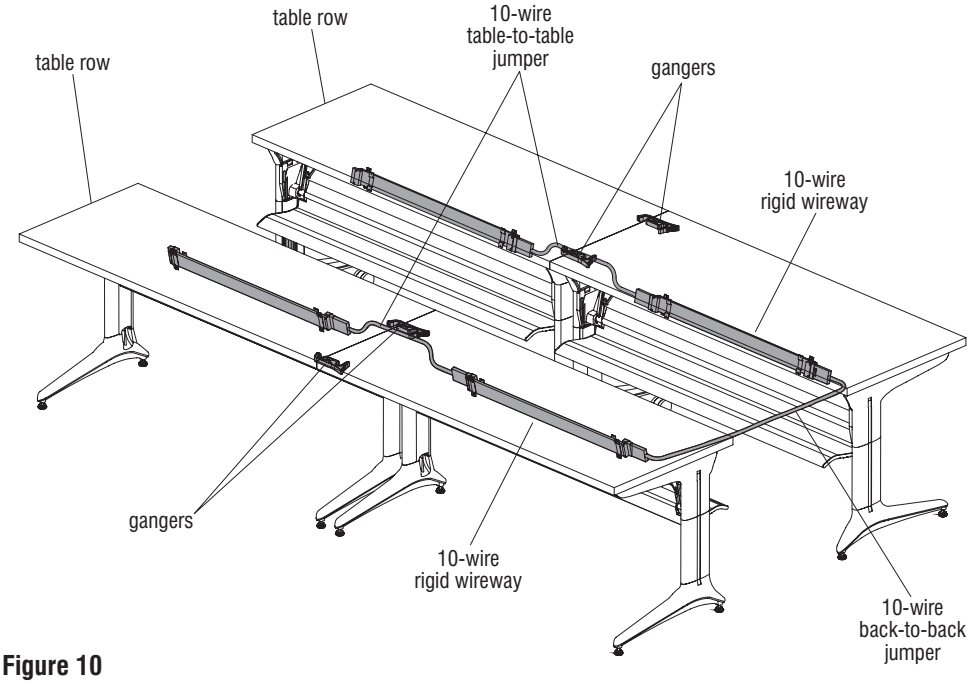

Figure 10

10-Wire Back-to-Back Jumper Installation

1. Position the first two tables near each other in a "back-to-back" configuration, leaving about 12" of separation between them.

2. Open the wire manager door on each table and install a 10-wire table-to-table jumper across the rigid wireways on one end of the tables (Figure 9).

3. If two rows of tables are going to be connected back-to-back, gang the additional tables inline to each of the first two back-to-back tables. Use a ganger or splice plate (See Ganger Assembly and Splice Plate Assembly, page 5), to join the tables, at the opposite end from the jumper connection installed in step 2, forming two back-to-back rows. Then, install 10-wire table-to-table jumpers between each of the new tables in each row to each of the first two tables (See "10-Wire Table-to-Table Jumper Installation", page 11)(Figure 10).

4. Repeat this until all the tables in each row are connected (Figure 10).

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10-Wire Back-to-Back Jumper Installation (cont.)

5. Install a 10-wire base infeed to one of the last two tables (opposite end from the 10-wire back-to-back jumper). The power will be routed down the first row and will cross over to the opposite row at the first two tables (Figure 11).

6. Make sure the required receptacles are installed into each table.

   Note: Prior to step 7, all power and data cords should be connected within the wire trough assembly. After step 7 is complete, the trough will not be easily accessible.

7. The back-to-back tables (or rows of tables) must now be mechanically connected to each other. Close the wire manager doors and bring the tables close to each other so that the worksurfaces touch along the back edge. Level the tables. Locate the two sets of pre-drilled splice plate holes on the underside of the back edge of the worksurfaces, then install a splice plate at each end of each table in the back-to-back configuration (Figure 11).

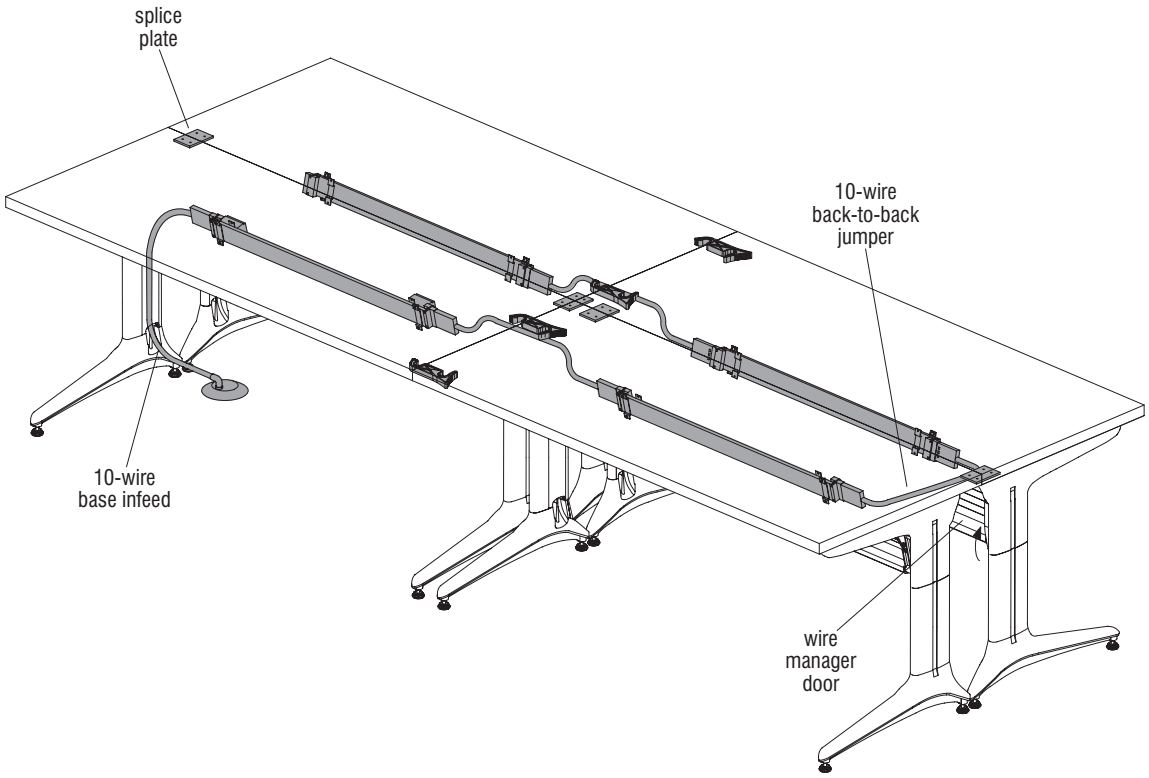

Figure 11

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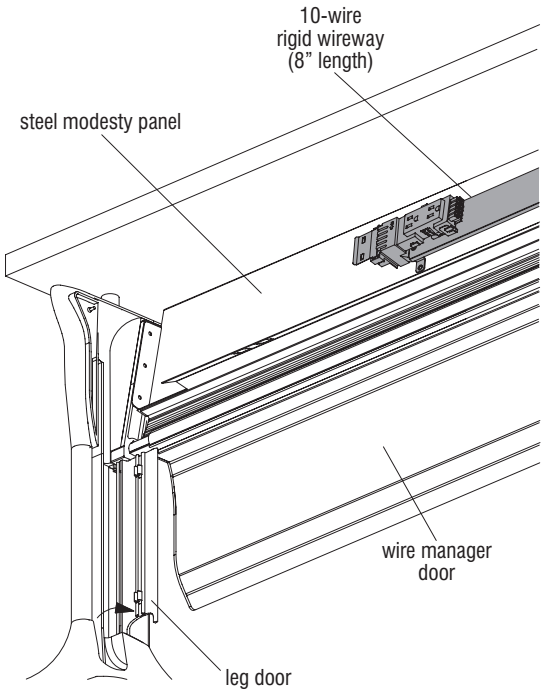

Figure 12

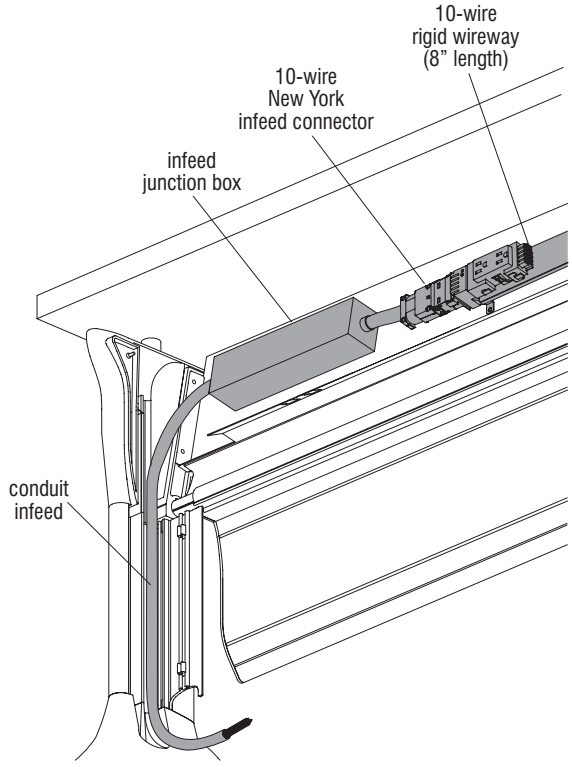

Figure 13

New York Power Infeed

The New York Power infeed is field installed into a non-powered table. It consists of a 96" long liquid-tight conduit infeed with exposed wires on one end and a connector on the other end to interface with the 10-wire electrical system. An infeed junction box is also provided and is located "in-line" near the 10-wire connector to allow for a hard wire electrical connection inside the first table in a series. Along with the New York infeed, an 8" 10-wire rigid wireway is also supplied. The 8" rigid wireway is used in place of the standard full length unit to provide extra room inside the wire trough assembly needed by the hard wire junction box. To install the New York infeed, follow the steps below.

1. Open the wire manager door completely and open the leg wireway door.

2. Mount the 8" rigid wireway onto the steel modesty panel using the supplied hardware (four 10-24 nylon stop nuts and four #10 x $^1/_2$" screws) (Figure 12). The steel modesty panel has been pre-drilled.

   Note: If a right-hand infeed assembly is required, mount the 8" rigid wireway toward the right side of the trough (as you are facing the open wire trough assembly).

3. Remove the faceplate from the junction box. The 10-wire New York infeed connector may or may not need to be rotated 180 degrees to correctly orientate the connectors "N"- Arrow upward. If so, loosen conduit connector nut on the infeed junction box, rotate and re-tighten the nut. Connect the 10-wire connector to the rigid wireway mounted to the steel modesty panel. Have a qualified electrician mount the junction box to the steel modesty panel and make the electrical connections inside the box. Replace the cover on the junction box.

4. Two receptacles can be installed in the rigid wireway. Route the liquid-tight conduit through the wire trough assembly and down through the leg wireway (Figure 13). Have a qualified electrician make the final electrical connection to the building power source. Close the leg wireway door. Close the wire manager door.

5. Make sure the required receptacles are installed into each table.

Chicago Infeed

6. The DataLink table has been designed to accept common hard-piped electrical components. All conduit, electrical boxes, receptacles, mounting hardware and wire are the responsibility of the customer. A typical installation would involve routing $^1/_2$" trade conduit up along the outside of the leg and into the wire manager trough through the opening between the bottom of the worksurface and the cantilever at the rear corner of the table. From there the conduit can be routed to 2"x 4" x 2" deep steel receptacle boxes mounted to the steel modesty panel inside the wire manager trough. Steel faceplates should be used on the receptacle boxes. For runs of two or more tables, the conduit can be routed between the tables through the gap between the cantilever and the underside of the worksurface at the rear corner of the table into the adjacent table's wire manager trough. A qualified electrician must make all electrical connections.

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10-Wire Electrical System Reconfiguration

WARNING: BE SURE all power is turned OFF!

When reconfiguring or storing tables, the 10-wire power infeed must first be disconnected from the infeed table.

To avoid misplacing jumpers, it is suggested that you follow these procedures.

1. Release the steel clip from one end of the jumper, but keep the other end of the jumper connected to the adjacent table (Figure 14).

2. Fold the loose end of the jumper into the wire trough assembly of the adjacent table (Figure 15).

When disconnecting a 10-wire power infeed, it is suggested that the infeed NOT be left unconnected for any period of time as this presents a potential hazard.

If the infeed will NOT be reconnected to a table, it is suggested that a licensed electrician disconnect the infeed from the building power supply.

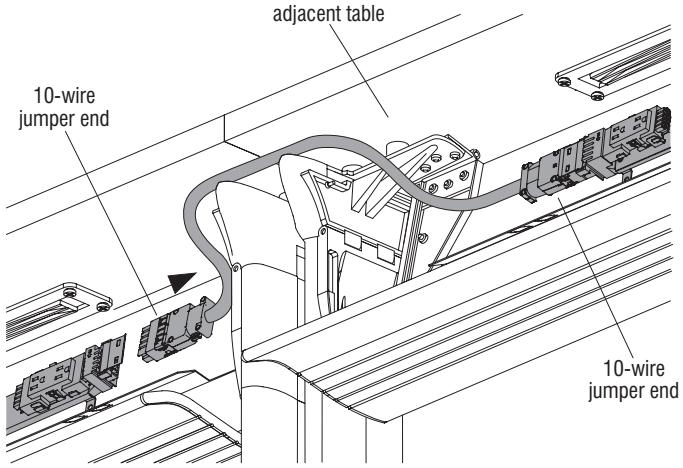


Figure 14

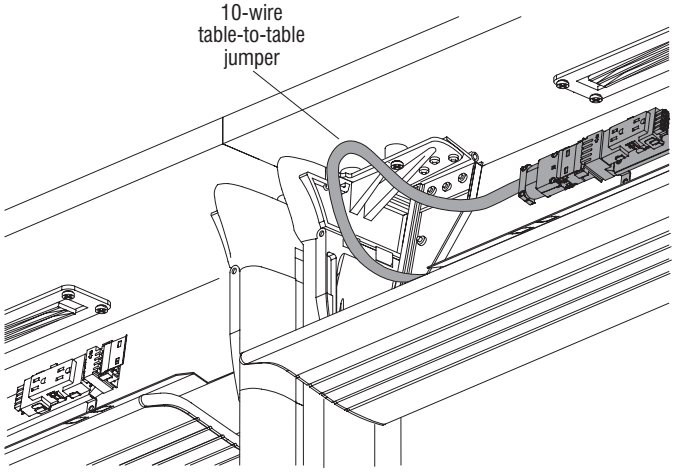
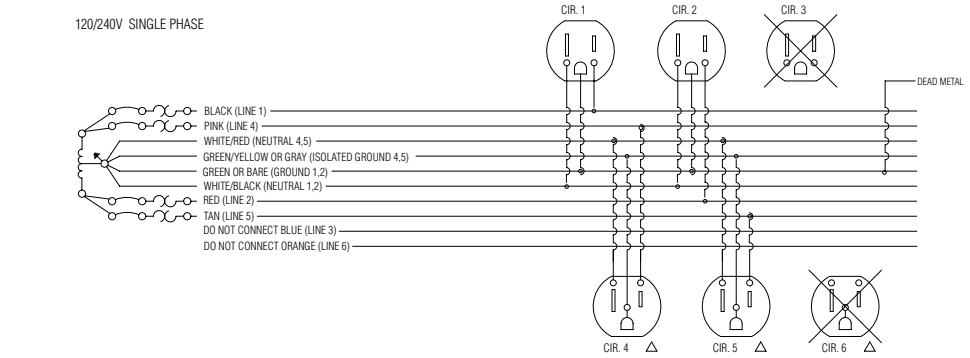
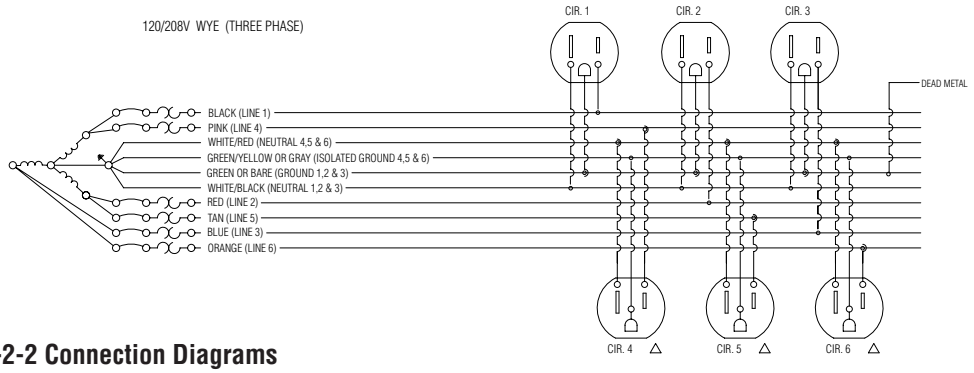


Figure 15

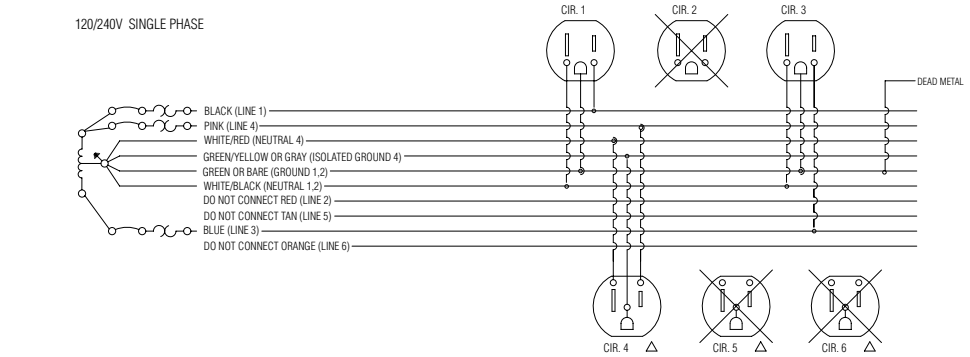
CAUTION

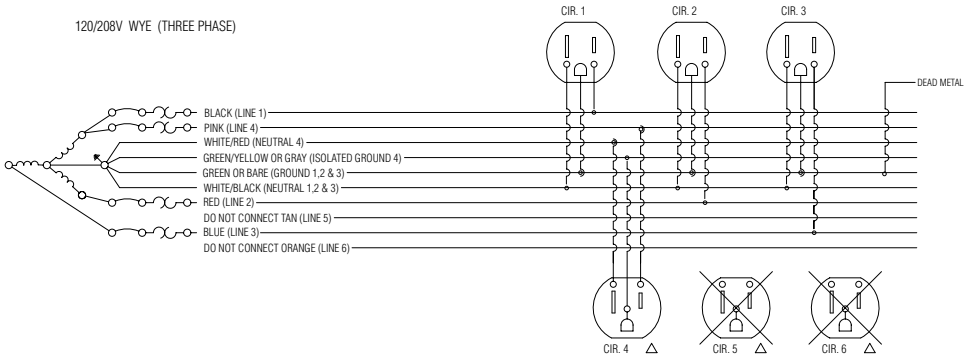
Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.





6-2-2 Connection Diagrams





6-2-2 Connection Diagrams To An 8-Wire Building

810-Universal Wire Connection Diagrams

Have a certified electrician hard-wire the panel power infeed to the building power source according to the National Electrical Code and any other applicable local codes. See the chart for proper wiring connection to available power.

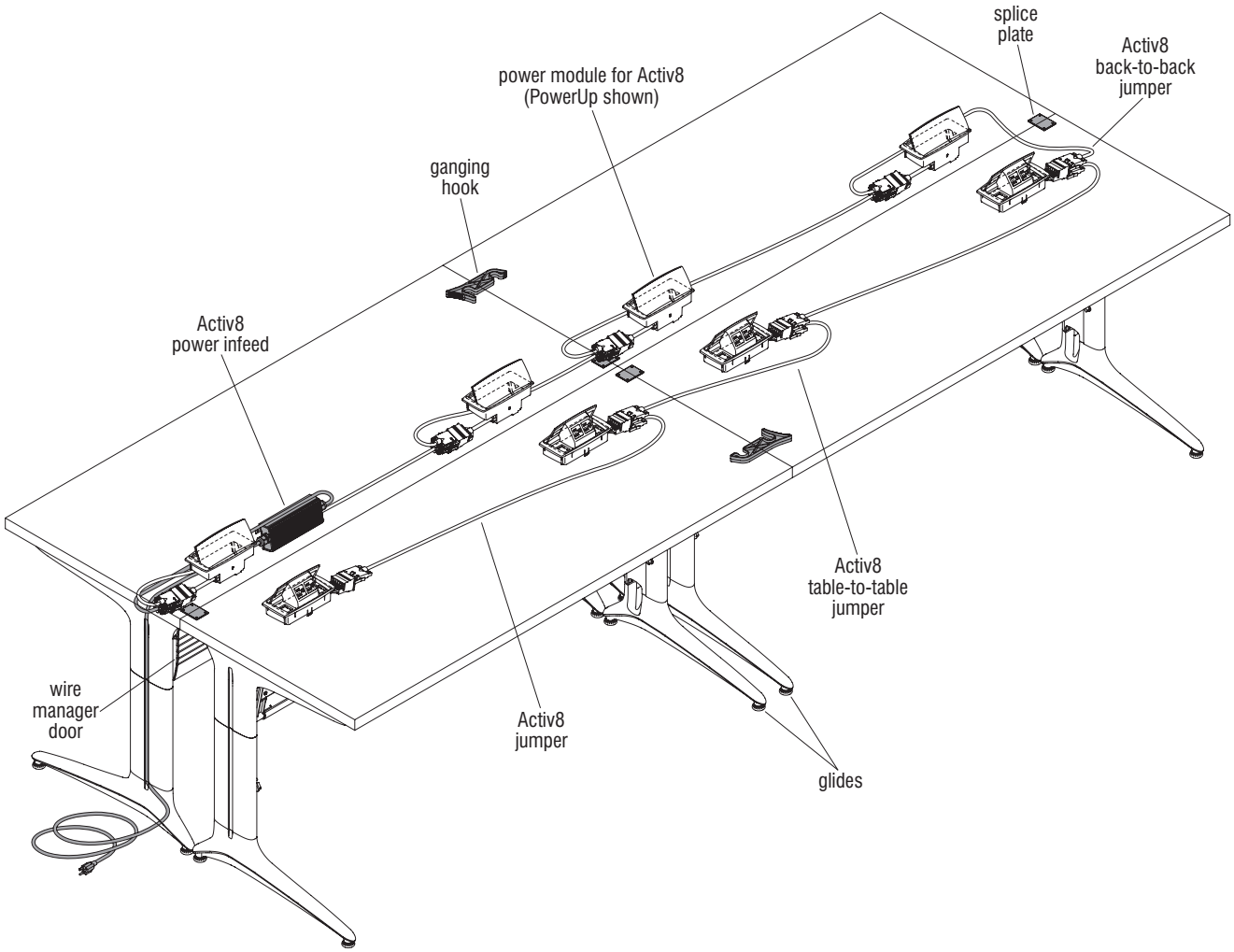
6-2-2		
Receptacles available	Wires to be used	Gauge of wire
Circuit 1	Black White/Black Letters Green or Bare	12 10 12
Circuit 2	Red White/Black Letters Green or Bare	12 10 12
Circuit 3	Blue White/Black Letters Green or Bare	12 10 12
Circuit 4I	Pink White/Purple Letters Green/Yellow Stripe or Gray	12 10 12
Circuit 5I	Tan White/Red Letters Green/Yellow Stripe or Gray	12 10 12
Circuit 6I	Orange White/Red Letters Green/Yellow Stripe or Gray	12 10 12

DataLink® Training Table System - Activ8® Electrical System

Overview Diagram

CAUTION

Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



WARNING: Assembly of all mechanical frame components must be completed before making any electrical connections. All electrically connected furnishings must also be mechanically connected.

CAUTION: If Channels (Wire Troughs) are used they are not to be used for routing extension cords. Power supply cords are not to be routed across or through more than one complete unit/worksurface.

CAUTION

Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

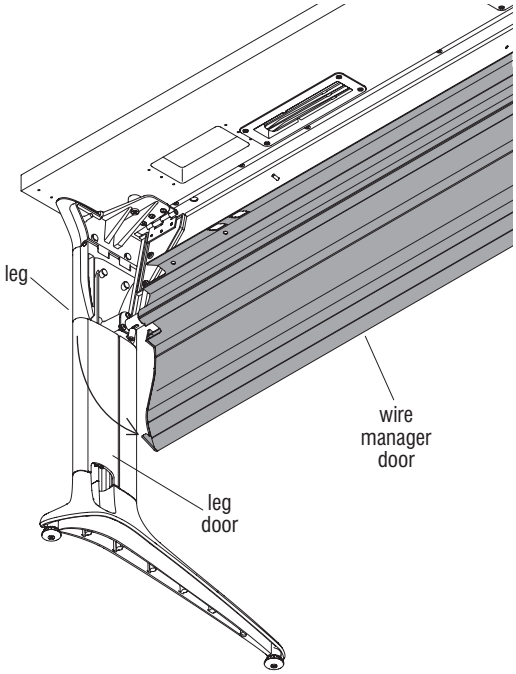


Figure 1

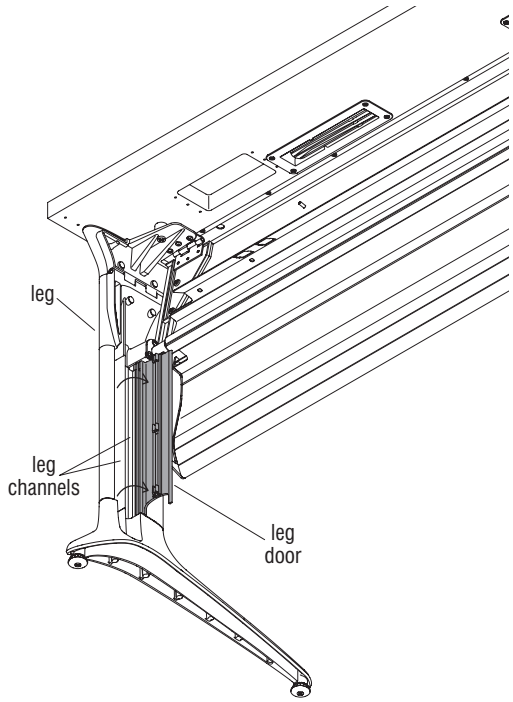


Figure 2

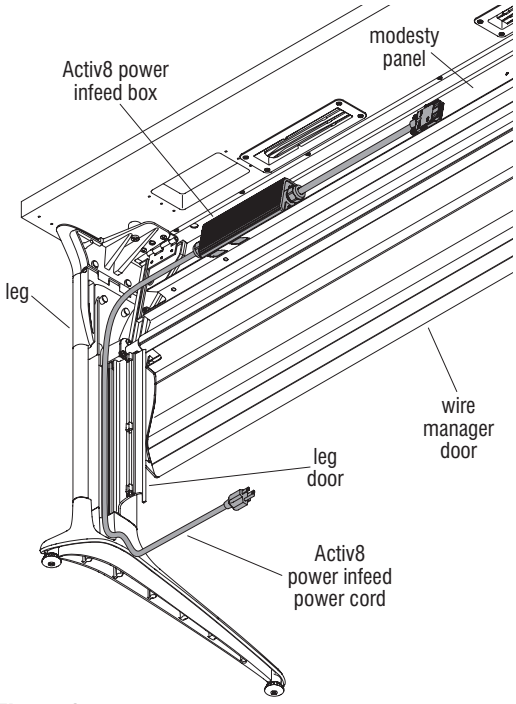


Figure 3

Activ8® Power Infeed Installation

Warning: BE SURE all power is turned OFF!

Note: If tables are configured table-to-table or back-to-back with Activ8, tables must be mechanically connected with gangers or splice plates.

1. Open the wire manager door and swing it down past the leg until it clears the leg door (Figure 1).
2. Open the leg door exposing the two channels in the leg (Figure 2). The leg channel that is closest to the front of the leg is the electrical raceway.
3. Place the Activ8 power infeed power cord into the channel of the leg, then close the leg door. Rest the Activ8 power infeed box against the modesty panel as illustrated (Figure 3).
4. Make desired Activ8 jumper and module connections, then close the leg door and wire manager door as described in the pages to follow.

Note: The wire manager is not to be used for routing extension cords.

CAUTION

Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

WARNING: Assembly of all mechanical frame components must be completed before making any electrical connections. All electrically connected furnishings must also be mechanically connected.

CAUTION: If Channels (Wire Troughs) are used they are not to be used for routing extension cords. Power supply cords are not to be routed across or through more than one complete unit/worksurface.

RPT Module for Activ8® with RPT Bracket

The Activ8 electrical system is a UL 962 recognized component that allows up to eight duplex power modules to be connected to one standard 15-amp power cord. The total length of the Activ8 system and all interconnecting cables (exclusive of the power infeed unit) does not exceed 40 feet, or 12 meters.

Note: If tables are configured table-to-table or back-to-back with Activ8 electrical, tables must be mechanically connected with gangers or splice plates.

1. Open the wire manager door and swing it down past the leg until it clears the leg door (Figure 4).

2. Locate the two RPT bracket mounting hole locations, one pair at each end of the beam as illustrated (Figure 4).

   Note: Each table may have one or two RPT brackets attached to it, one at each end.

3. Position the RPT bracket up to the modesty panel as illustrated and use the #10-24 screws and nuts provided to secure the bracket to the panel (Figure 4).

4. Feed the connector end of the RPT module for Activ8 through the rectangular opening in the bracket and snap the module into place (Figure 5).

If tables are to be installed in a row, reference “Activ8 Table-to-Table Jumpers Installation” instructions on page 21. If tables are to be installed back-to-back or a row of tables back-to-back, reference “Activ8 Back-to-Back Jumper Installation” instructions on page 24. For final power installation, reference “Activ8 Connections with Source Power” instructions on page 27.

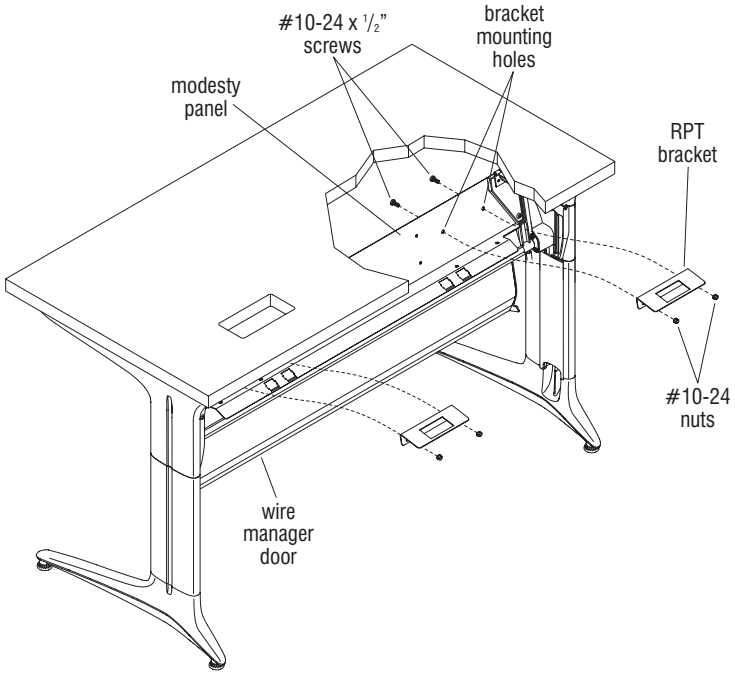


Figure 4

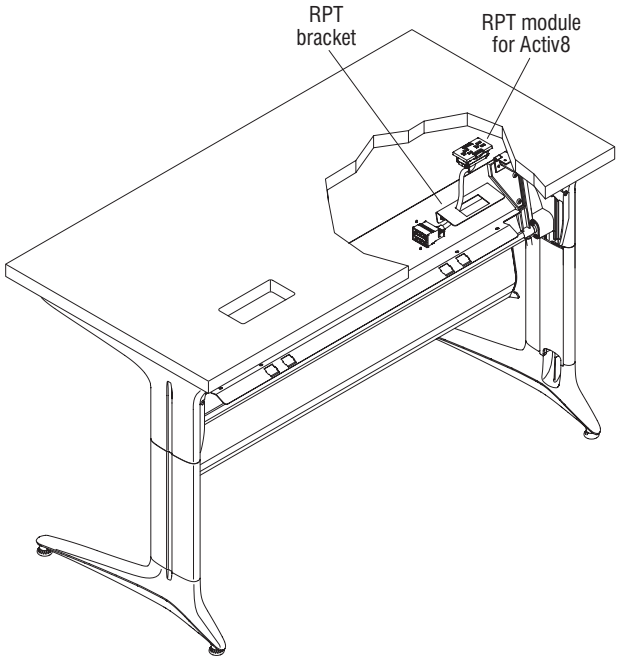
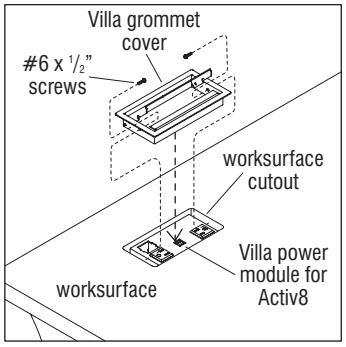


Figure 5

WARNING: Assembly of all mechanical frame components must be completed before making any electrical connections. All electrically connected furnishings must also be mechanically connected.

CAUTION

Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.



Detail B

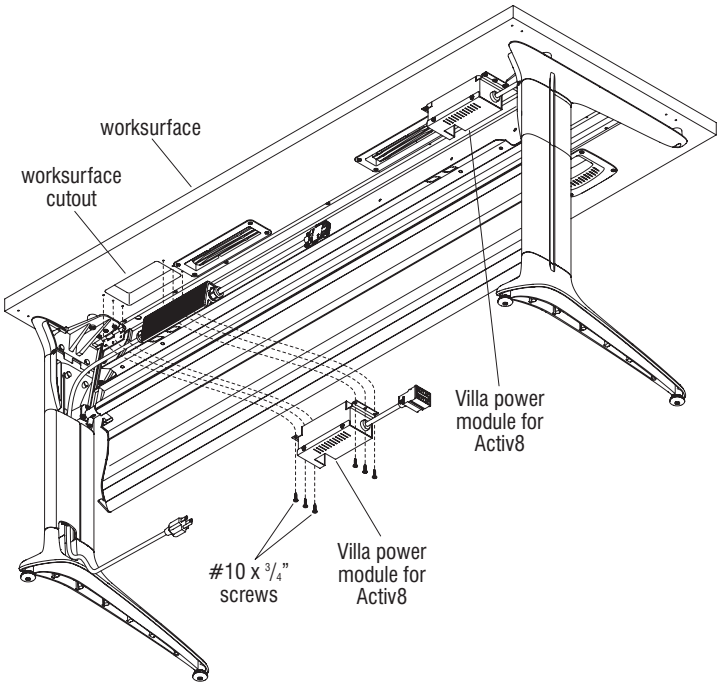


Figure 6

Villa Power Module for Activ8®
The Activ8 electrical system is a UL 962 recognized component that allows up to eight duplex power modules to be connected to one standard 15-amp power cord. The total length of the Activ8 system and all interconnecting cables (exclusive of the power infeed unit) does not exceed 40 feet, or 12 meters.

Note: If tables are configured table-to-table or back-to-back with Activ8 electrical, tables must be mechanically connected with gangers or splice plates.

1. Open the wire manager door and swing it down past the leg until it clears the leg door (Figure 6).

2. Position the Villa power module for Activ8 under the worksurface beneath the cutout. Orient the notch in the module to face the user side (Figure 6).

3. Align the six mounting holes on the power module with the six pre-drilled holes in the worksurface, then secure the bracket to the underside of the surface with the six #10 x 3/4" screws provided (Figure 6).

Villa Grommet Cover to DataLink Worksurface

1. Position the Villa grommet cover above the worksurface cutout with the lid opening towards the user (Detail B).

2. Push the Villa grommet cover into the cutout, tap lightly with a rubber mallet if required, use caution to avoid scratching the cover (Detail B).

3. Secure the Villa grommet cover to the worksurface by inserting two #6 x 1/2" screws through the holes on the inside of the module into the cut edge of the worksurface (Detail B).

If tables are to be installed in a row, reference "Activ8 Table-to-Table Jumpers Installation" instructions on page 23. If tables are to be installed back-to-back or a row of tables back-to-back, reference "Activ8 Back-to-Back Jumper Installation" instructions on page 24. For final power installation, reference "Activ8 Connections with Source Power" instructions on page 27.

CAUTION

Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

WARNING: Assembly of all mechanical frame components must be completed before making any electrical connections. All electrically connected furnishings must also be mechanically connected.

PowerUp Module for Activ8®

The Activ8 electrical system is a UL 962 recognized component that allows up to eight duplex power modules to be connected to one standard 15-amp power cord. The total length of the Activ8 system and all interconnecting cables (exclusive of the power infeed unit) does not exceed 40 feet, or 12 meters. This section of the assembly instruction describes the installation of the Activ8 electrical system for two tables.

Note: If tables are configured table-to-table or back-to-back with Activ8 electrical, tables must be mechanically connected with gangers or splice plates.

1. Open the wire manager door and swing it down past the leg until it clears the leg door (Figure 7).

2. Orient the PowerUp module for Activ8 as shown and route the connector end down through the grommet hole cutout in the worksurface. Press the module down firmly into the cutout to secure in place, making sure the front and rear snaps catch under the cutout bottom edge of the tabletop (Figure 7 & Detail D).

3. To open the PowerUp module, push down lightly on the lid dimple and release. To close module, push lid down until slightly recessed in module body and release. Open and close the module to ensure smooth operation (Details E & F).

4. Select the appropriate data adapter plate for the phone/data jack to be used and carefully remove from injection molded tree (Detail G).

   Note: Jacks are sold by separate companies and are not supplied with the module.

5. Wire the jack appropriately to the data plate and snap the data plate assembly into the module grommet opening as shown (Detail H).

   Note: Depending on style of data jack used, it may be necessary to route the phone/data cord through the module grommet opening and data plate to install. Each installation may vary.

6. The PowerUp Module may be removed without tools by squeezing the front and rear snaps located on the module under the worksurface while pushing up the module (Figure 7).

If tables are to be installed in a row, reference "Activ8 Table-to-Table Jumpers Installation" instructions on page 23. If tables are to be installed back-to-back or a row of tables back-to-back, reference "Activ8 Back-to-Back Jumper Installation" instructions on page 24. For final power installation, reference "Activ8 Connections with Source Power" instructions on page 27.

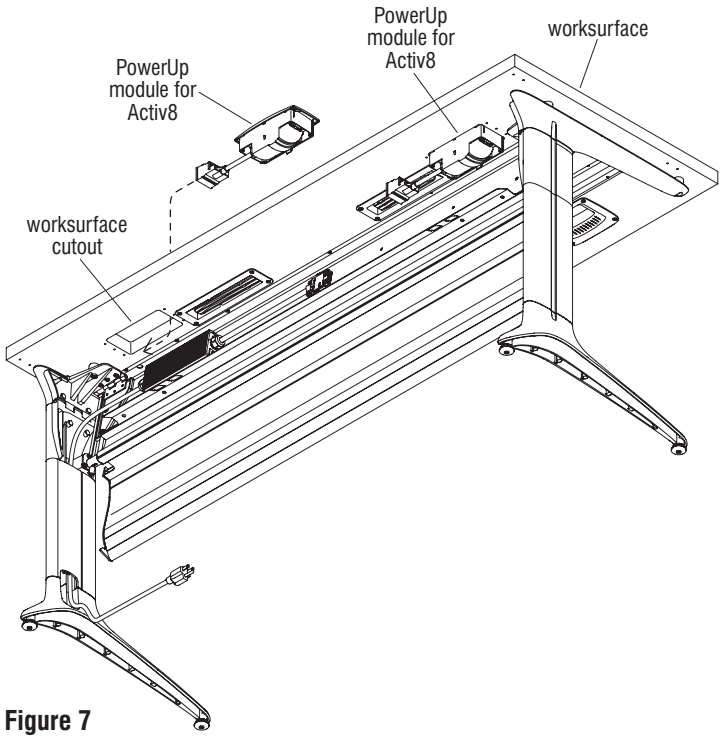
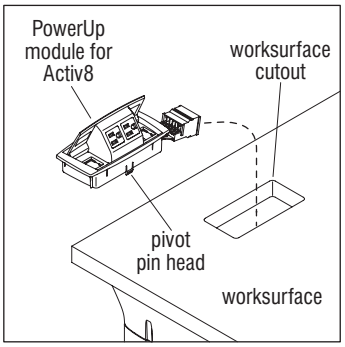
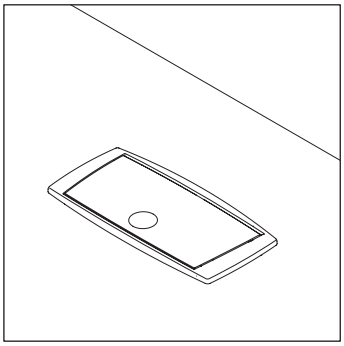


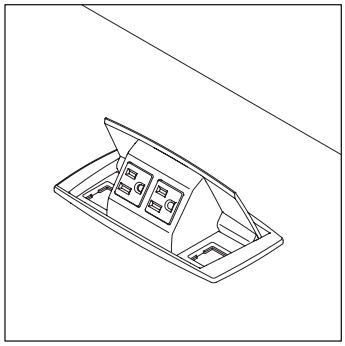
Figure 7



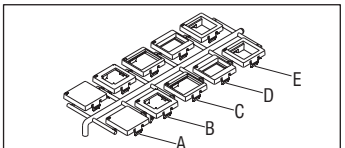
Detail D



Detail E



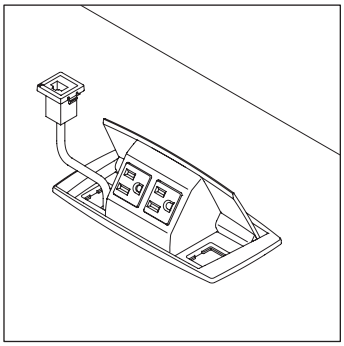
Detail F



Data Adapter Plates

A	Blank Plate
B	Panduit "CJ"
C	Othonics "Trackjack"
D	Panduit "KJ and KJA", Amp CAT-3 and CAT-5, Hubble "Hd5", Ortronics "OR-6295003-T568B" and "OR-6295004-T568A" Krone, Leviton "41108-RE5"
E	AT&T

Detail G



Detail H

CAUTION

Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

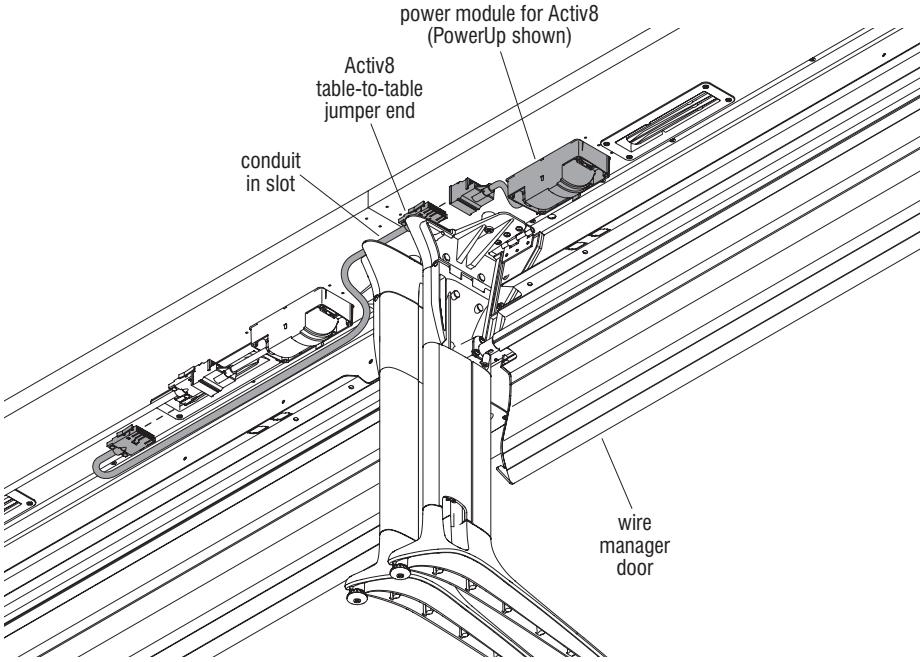


Figure 8

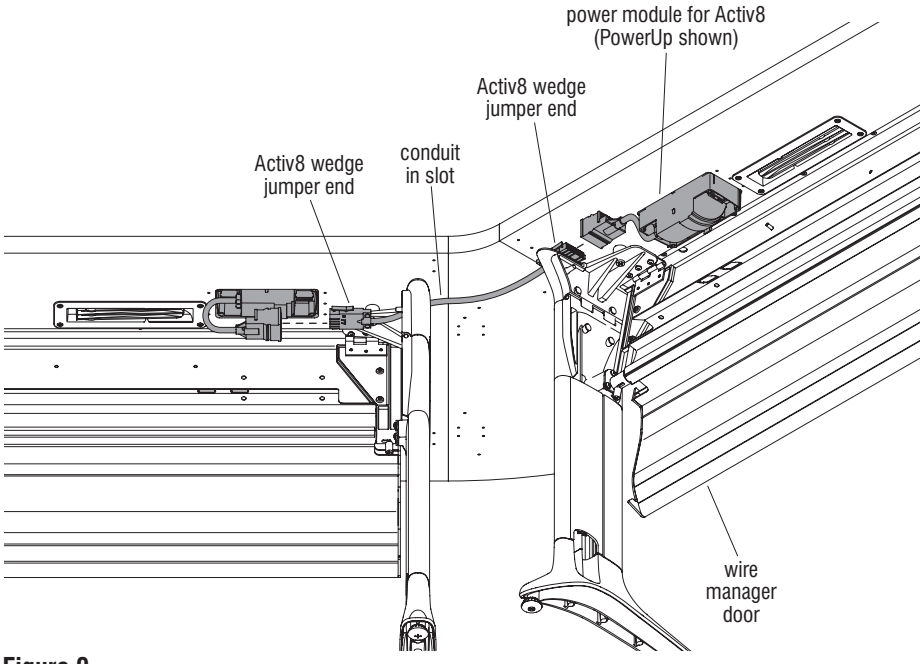


Figure 9

Activ8® Table-to-Table Jumpers Installation

1. Open the wire manager door of each table (Figure 8).

2. Snap the Activ8 table-to-table jumper ends into each table's power module for Activ8 (PowerUp module shown). Be sure the clip engages on each jumper for a secure fit. Position the steel conduit of the jumper into the slot at the back, top of each table's leg as illustrated (Figure 8).

Activ8® Wedge Jumper Installation

1. Open the wire manager door of each table (Figure 9).

2. Snap the Activ8 wedge jumper ends into each table's power module for Activ8 (PowerUp module shown). Be sure the clip engages on each jumper for a secure fit. Position the steel conduit of the jumper into the slot at the back, top of each table's leg as illustrated (Figure 9).

   Note: The Activ8 wedge jumper is not the same jumper as the Activ8 table-to-table jumper.

For final power installation, reference "Activ8 Connections with Source Power" instructions on page 27.

CAUTION

Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Activ8® Back-to-Back Jumper Installation

1. Position the first two tables near each other in a "back-to-back" configuration, leaving about 12" of separation between them.

2. Open the wire manager door on each table and install an Activ8 back-to-back jumper across the power modules for Activ8 (PowerUp shown) on each end of the tables (Figure 10).

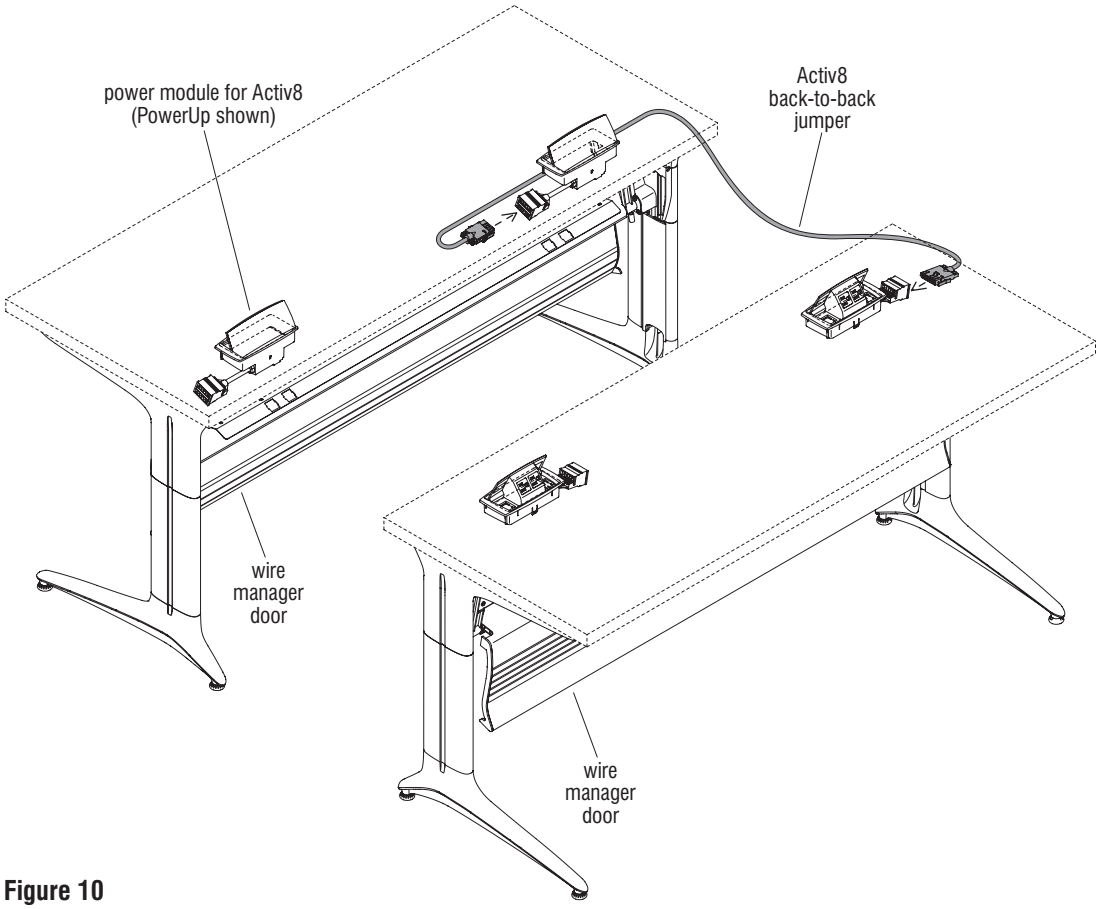


Figure 10

CAUTION

Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

3. If two rows of tables are going to be connected back-to-back, gang the additional tables inline to each of the first two back-to-back tables. Use a ganger or splice plate (See Ganger Assembly and Splice Plate Assembly, page 5), join the tables, at the opposite end from the Activ8 back-to-back jumper connection installed in step 2, page 24, forming two back-to-back rows. Then, install Activ8 table-to-table jumpers between each of the new tables in each row to each of the first two tables (See "Activ8 Table-to-Table Jumper Installation", page 23). (Figure 11).

4. Repeat this until all the tables in each row are connected (Figure 11).

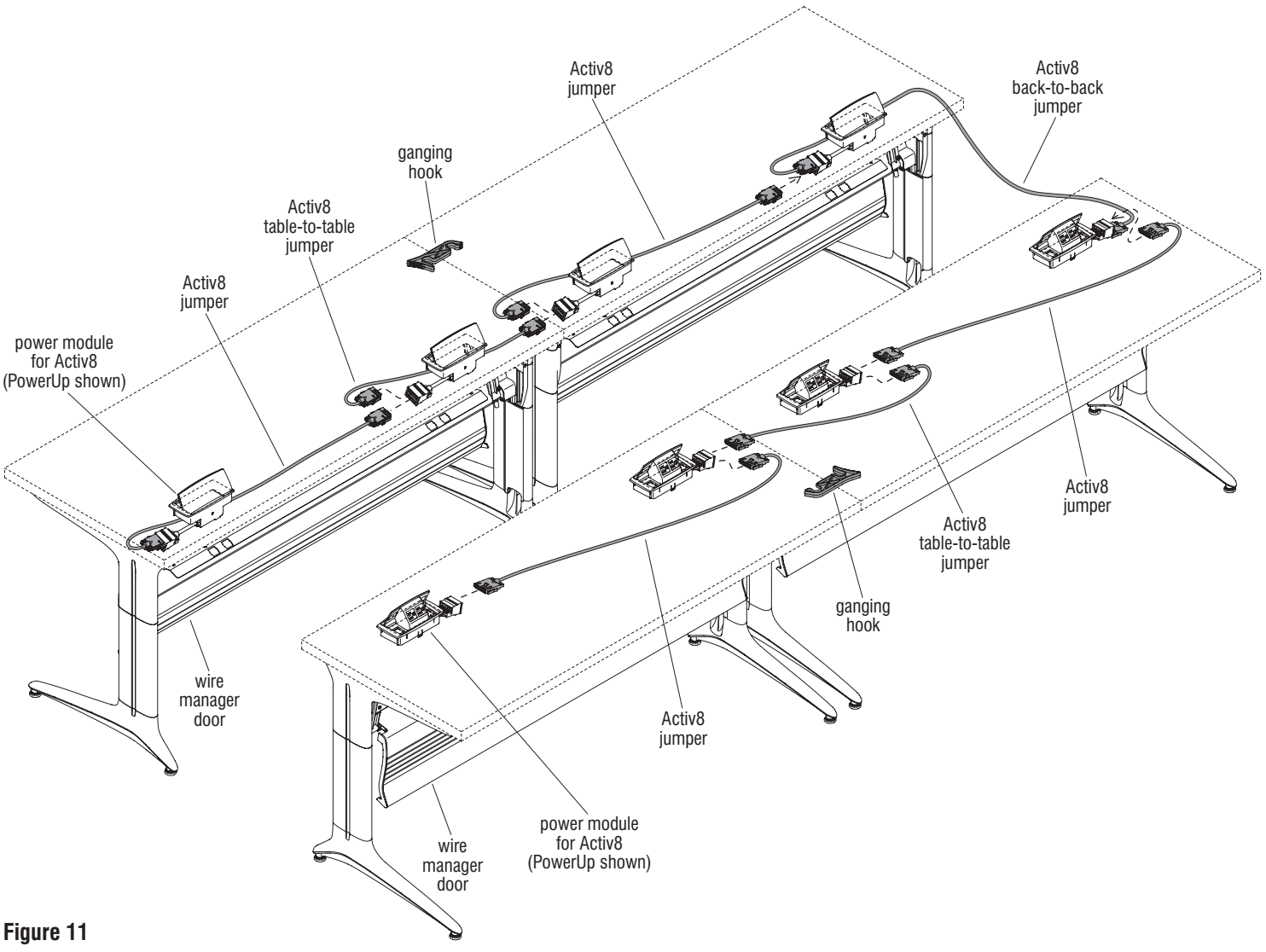


Figure 11

CAUTION

Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Activ8® Back-to-Back Jumper Installation (cont.)

5. Install an Activ8 power infeed to one of the last two tables (opposite end from the Activ8 back-to-back jumper). The power will be routed down the first row and will cross over to the opposite row at the first two tables.

   Note: Prior to Step 6, all power and data cords should be connected within the wire trough assembly. After step 6 is complete, the trough will not be easily accessible.

6. The back-to-back tables (or rows of tables) must now be mechanically connected to each other. Close the wire manager doors and bring the tables close to each other so that the worksurfaces touch along the back edge. Level the tables. Locate the two sets of pre-drilled splice plate holes on the underside of the back edge of the worksurfaces, then install a splice plate at each end of each table in the back-to-back configuration (Figure 12).

For final power installation, reference "Activ8 Connections with Source Power" instructions on page 27.

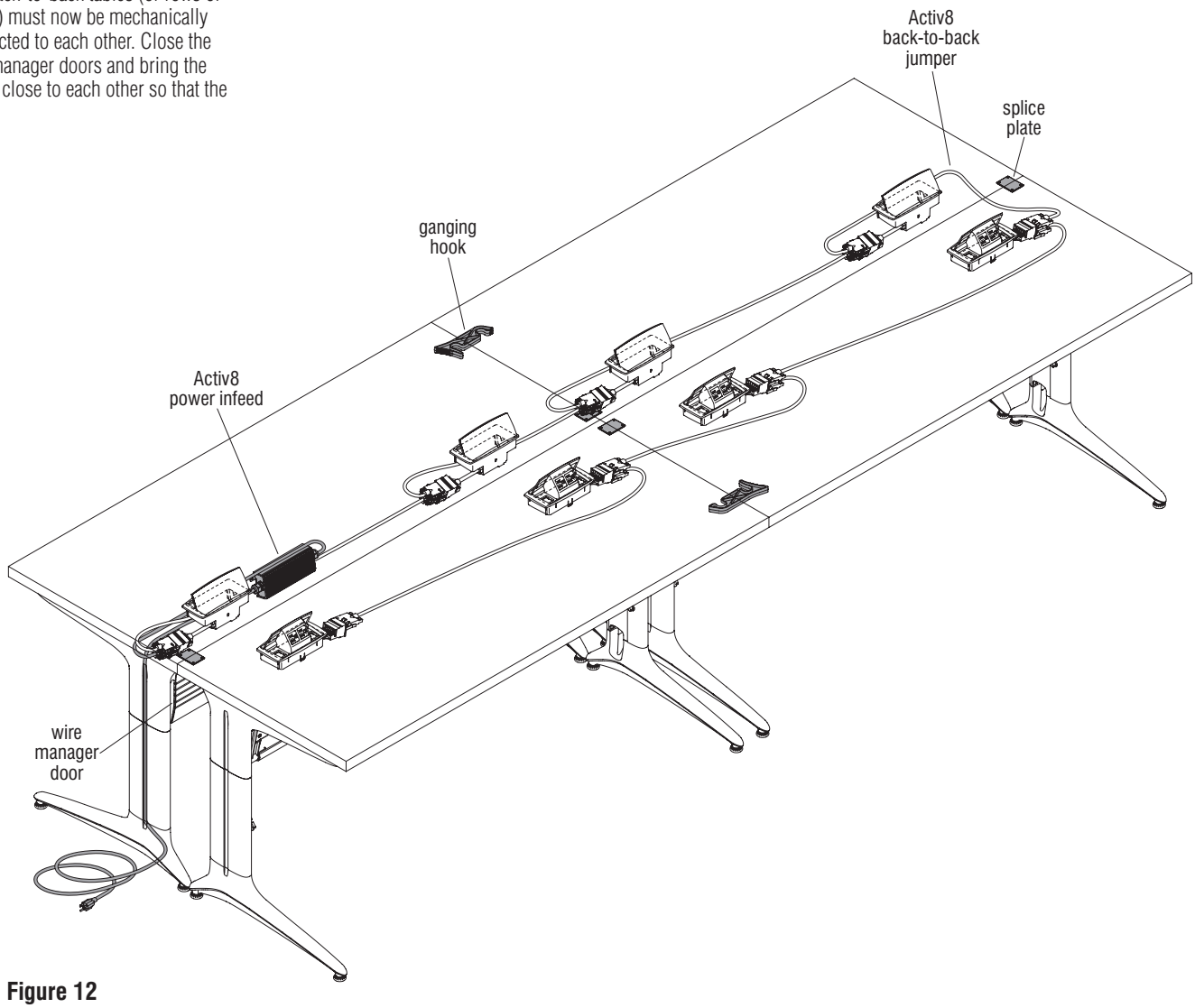


Figure 12

GROUNDING INSTRUCTIONS

This product is for use on a nominal 120-volt circuit and has a grounding plug that looks like the plug illustrated in Detail I. Make sure that the product is connected to an outlet having the same configuration as the plug. No adapter should be used with this product.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical furnishing, basic precautions should always be followed, including the following:

Read all instructions before using (this furnishing).

DANGER: To reduce the risk of electric shock:

1. Always unplug this furnishing from the outlet before cleaning.

WARNING: To reduce the risk of burns, fire, electric shock, or injury to persons:

1. Unplug from outlet before putting on or taking parts off parts.
2. Close supervision is necessary when this furnishing is used by, or near children, invalids, or disabled persons.
3. Use this furnishing only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.
4. Do not use outdoors.
5. **WARNING:** Risk of Electric Shock-Connect this furnishing to a properly grounded outlet only. See Grounding Instructions.

Electrical Rating: 120V 12 A

WARNING: Risk of Injury - Maximum Load 4.7 lbs. per inch width.

CAUTION

Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

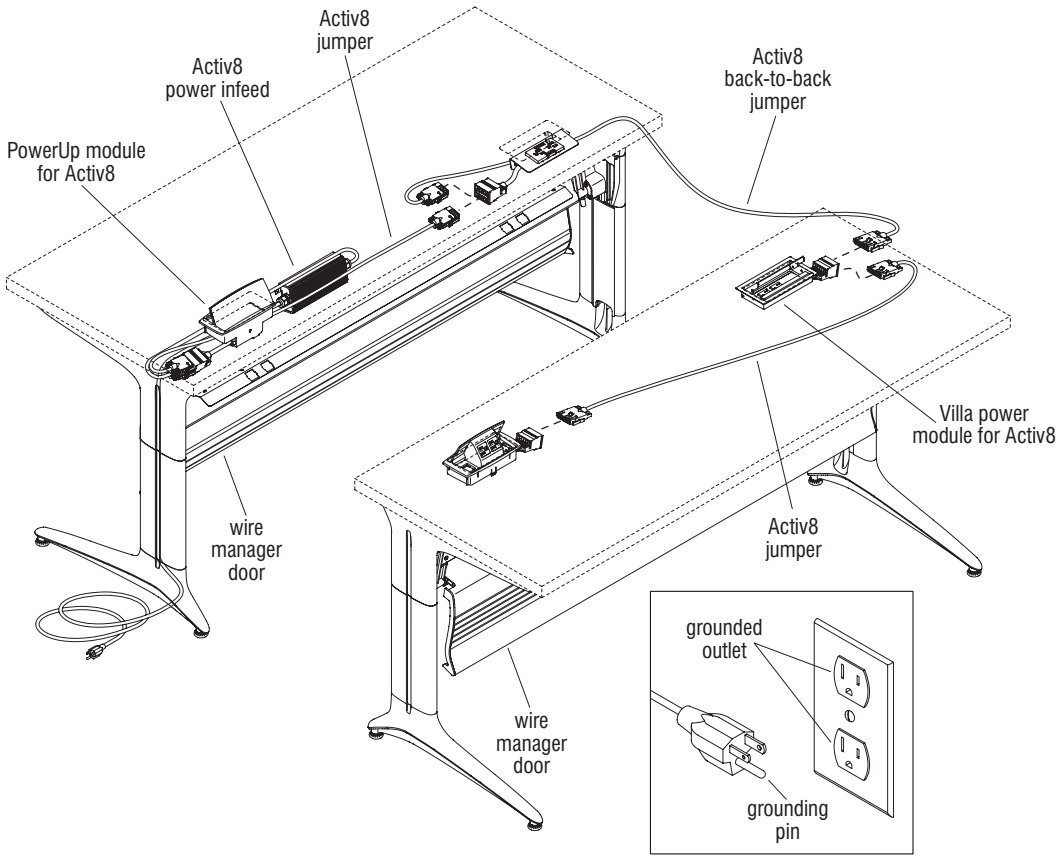


Figure 13

Detail I

Activ8® Connections with Source Power

Note: Page 19 outlines placing the Activ8 power infeed into position. Page 20 instructions outlines installation of the RPT module for Activ8 with RPT bracket, page 21 outlines the Villa power module for Activ8 and page 22 outlines the PowerUp module for Activ8. Your configuration may vary to include any one or more of the following module components: PowerUp, Villa, or RPT module for Activ8. The instructions to follow are guidelines for making connections.

1. Jumper cables come in various sizes and connect Activ8 components between PowerUp, Villa & RPT modules and between worksurfaces. Jumper cables are keyed and can only be plugged in one way (Figure 13).

   Warning: Never attach more than one power infeed to a chain of devices. Always check to be certain that the system is not already powered from another source before attaching an infeed.

2. Plug the power infeed connector end into an appropriate location in the Activ8 system only after all other components are installed.

3. Once plug is connected to a power source, verify that a green LED is lit on the Activ8 power infeed control box. A green LED indicates that power is being supplied to the devices. If the LED is flashing red, verify that no other infeeds are attached to the system. If the LED is solid red, verify that there is no more than 8 devices plugged together, and that the total length of the system and all interconnecting cords (exclusive of the power infeed unit) does not exceed 40 feet, or 12 meters.

CAUTION

Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Activ8® Reconfiguration
WARNING: BE SURE all power is turned OFF!

When reconfiguring or storing tables, the Activ8 power infeed must first be disconnected from the infeed table.

To avoid misplacing jumpers, it is suggested that you follow these procedures.

1. Release the steel clip from one end of the jumper, but keep the other end of the jumper connected to the adjacent table (Figure 14).

2. Fold the loose end of the jumper into the wire trough assembly of the adjacent table (Figure 15).

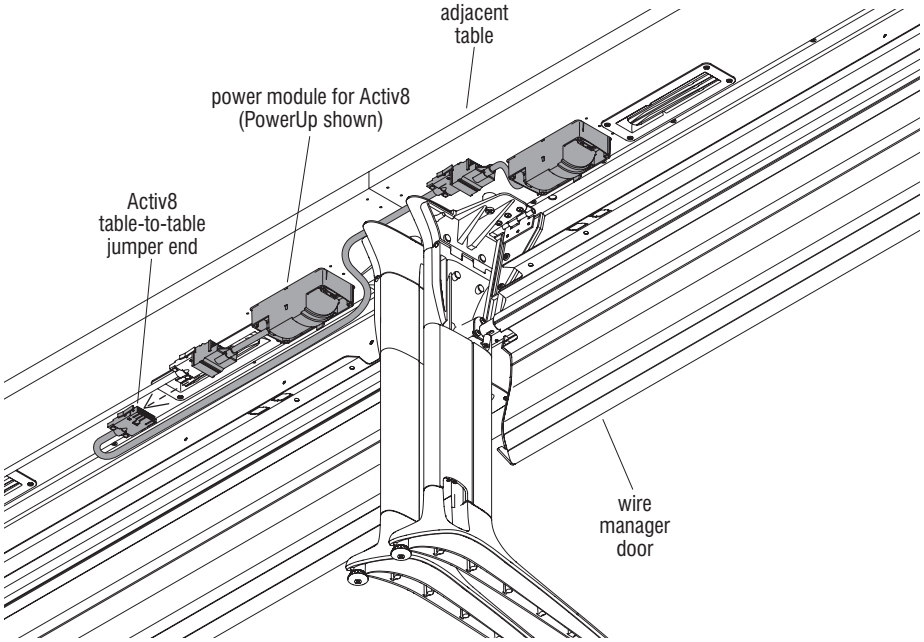


Figure 14

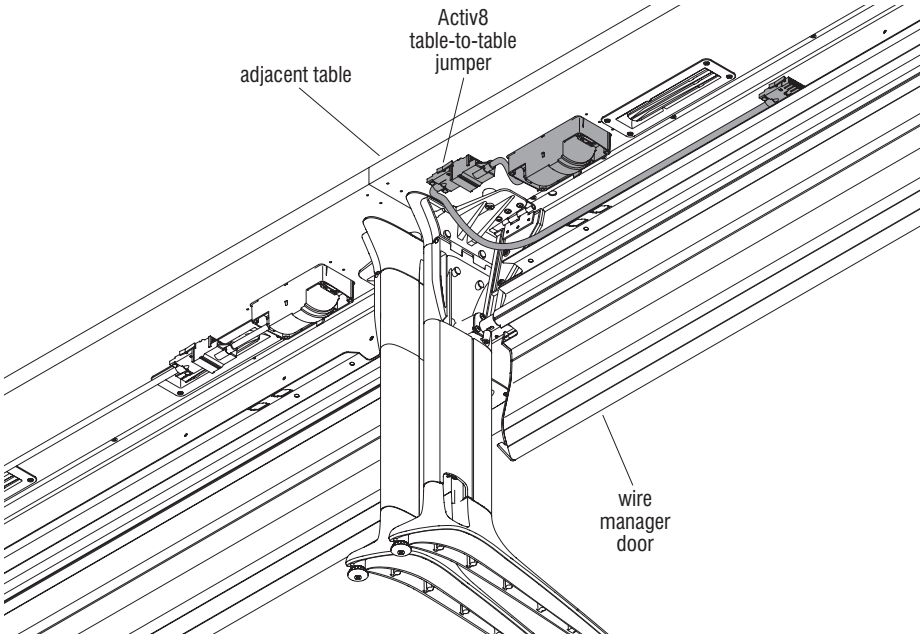


Figure 15

CAUTION

Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

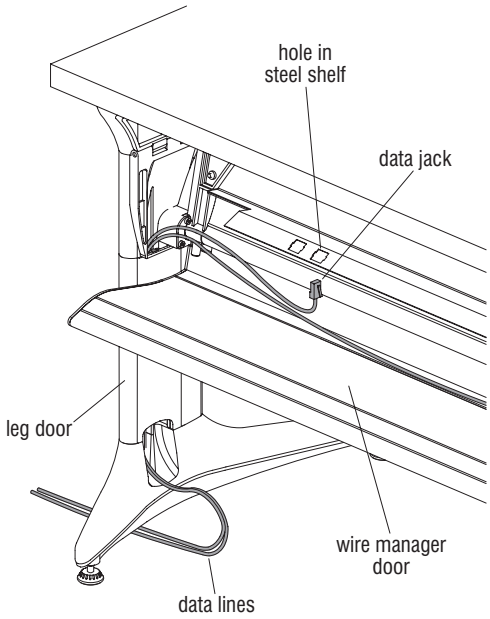
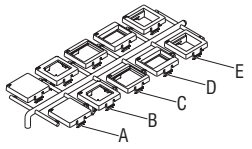


Figure 16



Data Adapter Plates

A	Blank Plate
B	Panduit "CJ"
C	Othonics "Trackjack"
D	Panduit "KJ and KJA", Amp CAT-3 and CAT-5, Hubble "Hd5", Ortronics "OR-6295003-T568B" and "OR-6295004-T568A" Krone, Leviton "41108-RE5"
E	AT&T

Detail J

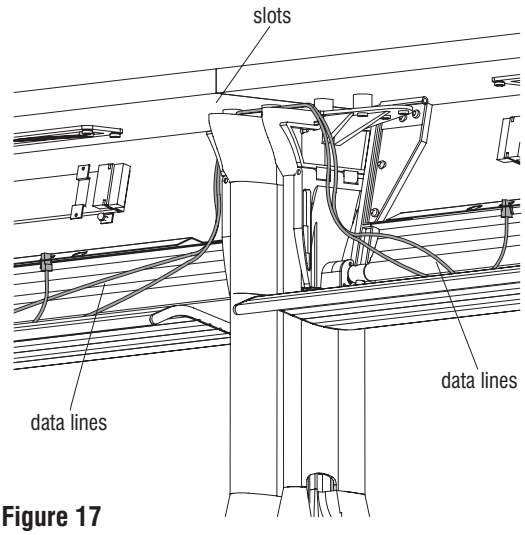


Figure 17

Data/Communication from Floor Installation

Note: If tables are configured table-to-table or back-to-back with Activ8, tables must be mechanically connected with gangers or splice plates.

1. Open the wire manager door of each table and swing each door down past the leg until it clears the leg door (Figure 1, page 19).

2. Open the leg door exposing the two channels in the leg (Figure 2, page 19). The leg channel that is closest to the back of the leg is the data raceway.

   Note: Ensure network technicians have already wired data jacks to the end of the data/communication lines.

3. Lay the data lines up the data raceway and close the leg door. Raise the wire manager door to a position parallel with the floor. This will ease the data line installation by allowing the door to be used as a shelf to hold data wires during installation. Lay in the data lines on the door.

4. Select the appropriate data adapter plate for the phone/data jack to be used and carefully remove from injection molded tree (DetailJ).

   Note: Jacks are sold by separate companies and are not supplied.

5. Wire the jack appropriately to the data plate and snap the data plate assembly into the appropriate hole of the steel shelf (Figure 16).

6. To position data lines, which cross from table-to-table, lay the data lines into the slot at the back of each table leg (Figure 17).

CAUTION

Assemble units as described herein only. To do otherwise may result in instability. All screws, nuts and bolts must be tightened securely and must be checked periodically after assembly. Failure to assemble properly, or to secure parts may result in assembly failure and personal injury.

Accessories Installation
Installation instructions for accessories are included in the accessory shipping carton.

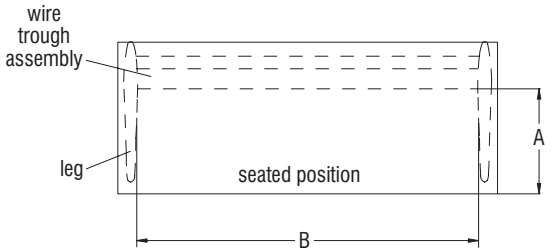
Worksurfaces are NOT pre-drilled for accessories. Therefore, follow these procedures for accessory installation.

1. Locate the accessory on the underside of the table and mark the screw locations with a pencil.

2. Use those pencil marks to drill pilot holes into the worksurface for the accessory support brackets (CPU holder and keyboard tray).

   Note: Be careful not to pierce through the top of the worksurface when drilling the holes.

Please use Drawing A to aid in locating your accessories and drilling into the worksurface. Drawing A indicates under table clearance for folding tables.



Drawing A - Under Table Clearance

Folding Table Size	A	B
24" x 48"	15 3/8"	42 1/8"
30" x 48"	21 3/8"	42 1/8"
24" x 60"	15 3/8"	54 1/8"
30" x 60"	21 3/8"	54 1/8"
24" x 72"	15 3/8"	66 1/8"
30" x 72"	21 3/8"	66 1/8"

Fixed Table Size	A	B
24" x 42"	14 1/16"	36 1/8"
30" x 42"	20 1/16"	36 1/8"
24" x 48"	14 1/16"	42 1/8"
30" x 48"	20 1/16"	42 1/8"
24" x 60"	14 1/16"	54 1/8"
30" x 60"	20 1/16"	54 1/8"
24" x 72"	14 1/16"	66 1/8"
30" x 72"	20 1/16"	66 1/8"

KI
1330 Bellevue Street
P.O. Box 8100
Green Bay, Wisconsin 54308-8100
1-800-424-2432
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