Overview

Pixel Lounge offers a highly configurable, comfortable, and forward-thinking modular seating system for work, public, and education spaces. Its modern design and reconfigurability make it an excellent choice in today's flexible, ever-changing workplace scenarios. Components may be combined to create solutions suitable for lounge spaces, open area seating, and casual meeting areas.

There are three main components to Pixel Lounge seating:

- Seats
- Tables
- · Beams and Legs

Tools Required

- Allen wrenches size: 5/32, 3/16 and 1/4
- Open or socket wrench size: 9/16
- Phillips head screwdriver

Hardware and Small Parts



B. 4AL7055 Leg glide

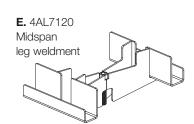


C. 4AL7153 3/8-16 x 2 Set screw



D. 4AL7059 Return connector casting





F. 4AL7152 1/4-20 x .5 Flat hd soc screw



G. 4AL7112 Bracket seat to beam

H. 4AL7151 $1/4-20 \times .75$ Button hd soc screw



I. 4AL7155 1/4-20 x 1.00 Button hd socket screw





K. 4AL7158 $1/4-20 \times .5$ Button hd socket screw

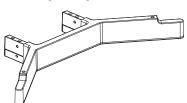




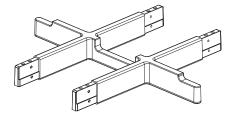
M. 4AL7156 3/8-16 Locknut nylon



N. 4AL7025 End leg casting



O. 4AL7026 Intermediate leg casting



DISASSEMBLY FOR RECYCLING

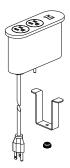
Materials Identification and Segregation:

Where possible plastic components are marked with ASTM recycling codes. Use these codes to identify material type for recycling. Non-marked components should be treated as mixed plastic. Ferrous metals can be identified using a small magnet for recycling. Non-ferrous metals should be separated and recycled separately.

To disassemble product, reverse the above installation steps.

Hardware and Small Parts, continued

P. 4AL7455(02, shown) 3 position flush mount power unit for low table



Q. 4AU4042 Magnetic cord manager



R. 4AL7459 Wood Screw, #10x1.00"



S. 4AL7409 Threaded Rod (Included with Up-mounted table assembly)



T. 4AL7470 Receptacle to receptacle connector



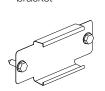
U. 4AL7471 H-connector



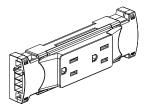
V. 4AL7472

Duplex rececptacle with bracket kit (includes double-sided adhesive patches)

V1. Duplex recdeptacle bracket



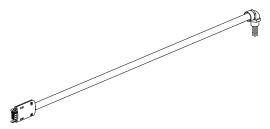
V2. Duplex receptacle



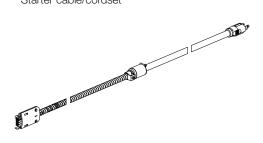
X. 4AL7473(xx) Jumper cable



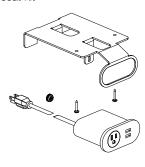
Y. 4AL7474(xx) Starter cable, hardwired



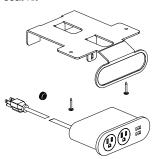
Z. 4AL7475(xx) Starter cable/cordset

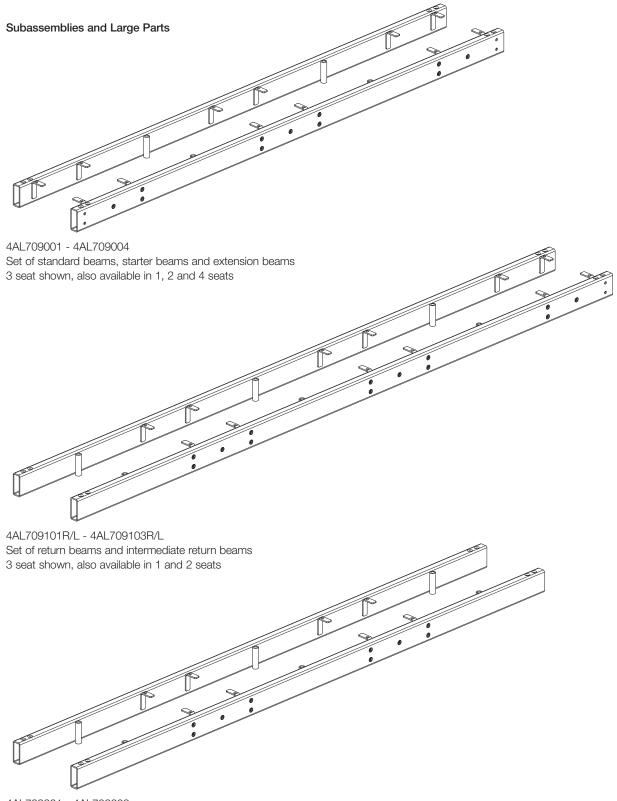


AA. 4AL7452(01, shown) 2 position power box under the seat kit



BB. 4AL7453(01, shown) 3 position power box under the seat kit





4AL709301 - 4AL709303 Set of connector beams 2 seat shown, also available in 1 seat

Subassemblies and Large Parts (Cont.)



4AL7320 Single seat



4AL7321 Straight seat with back



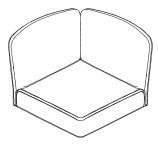
4AL7332 Intermediate arm



4AL7400 Up-mounted table assembly (01 powered shown)



4AL7329 Corner seat right



4AL7328 Corner seat left



4AL7324 Seat with back and high arm left



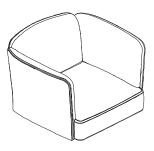
4AL7325 Seat with back and high arm right



4AL7322 Seat with back and low arm left



4AL7323 Seat with back and low arm right



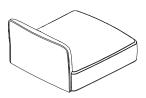
4AL7327 Armchair with high arms



4AL7326 Armchair with low arms



4AL7330 Seat with low arm left



4AL7331 Seat with low arm right



4AL714002 Low table

Shown with center power unit cutout

Also available with side power unit cutout or blank

Installation Instructions Assemblies

TYPICAL RECOMMENDED ASSEMBLY SEQUENCE

- A. Build base assemblies joining legs and beams (see illustration below)
- B. Attach seat and low tables
- C. Attach intermediate arms and Upmounted table
- D. Install power

We have outlined 4 scenarios below to show examples of assembly sequences

Scenario 1: Standard beam 1 to 3 position configuration

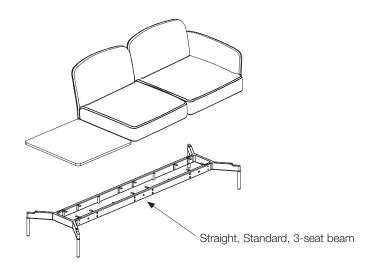
STEPS TO BUILD BASE ASSEMBLY

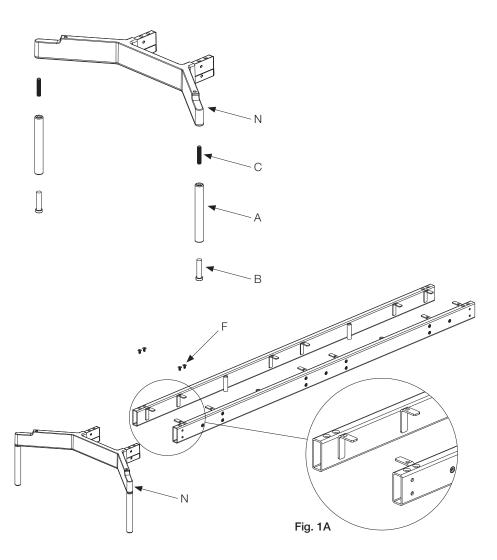
1. ATTACH LEG AND GLIDE TO END LEG CASTING

- 1.1. First insert and secure the 3/8-16 x 2.00 set screw (C) into the leg casting (N).
- 1.2. Then thread the aluminum leg (A) onto the set screw and tighten by hand.
- 1.3. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

2. ATTACH END LEG CASTING ASSEMBLY TO SET OF BEAMS

- 2.1. Slide both beams on the end leg casting (N). Make sure that all seat tabs, see figure 1A, are oriented up and pointed inward. Use 4 Socket flat head ¼-20 x 1/2 screws (F) to secure the assembly.
- 2.2. Back to Step 1: Attach leg and glide to end leg casting. Repeat at the other end of the set of beams.

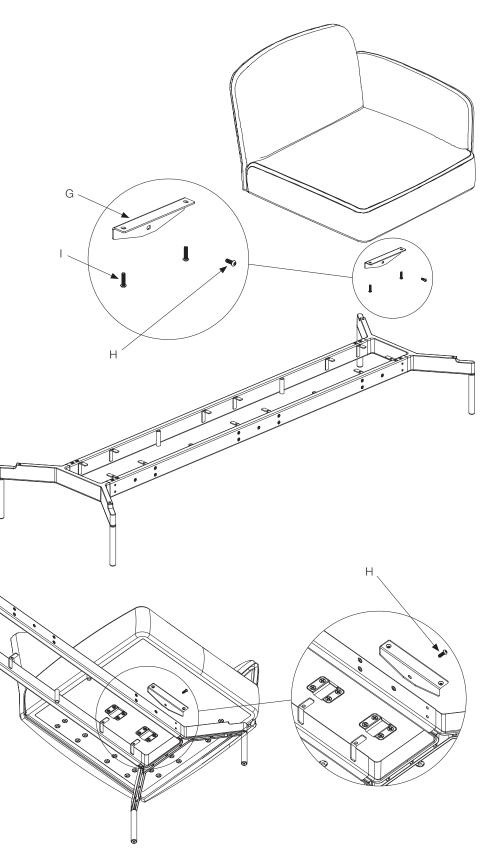




Installation Instructions Assemblies

3. ATTACH SEAT

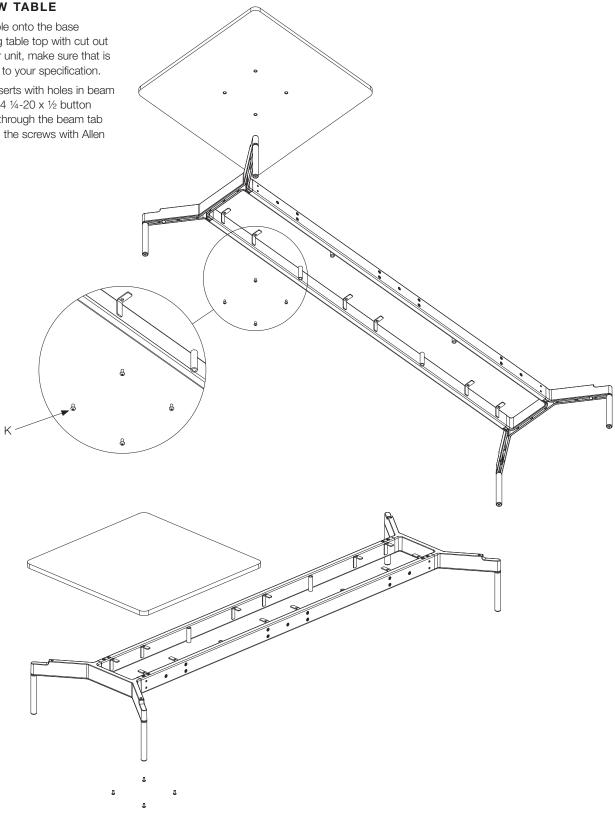
- 3.1. First attach seat bracket (G) to the bottom face of the seat.
- 3.2. Align bracket holes with the seat threaded inserts.
- 3.3. Make sure that the bracket flange faces forward as shown on the image.
- 3.4. Secure with two ¼-20 x1 button head screws (I).
- 3.5. Set the seat down on the base assembly. Align the seat bottom hat section brackets with beam seat tabs. Slide the entire seat on the seat tabs so the flange seat bracket hits the front beam. Secure the seat to the front beam with one 1/4-20x3/4 button head screw (H).



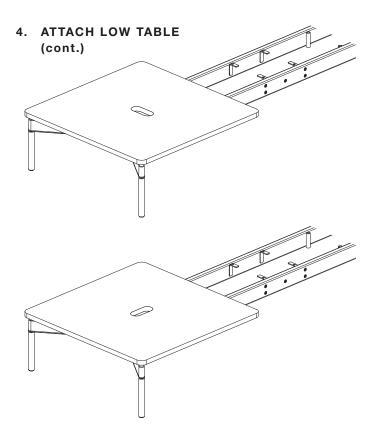
Installation Instructions Assemblies

4. ATTACH LOW TABLE

- 4.1. Place the low table onto the base assembly. If using table top with cut out for electric power unit, make sure that is properly oriented to your specification.
- 4.2. Align table top inserts with holes in beam tabs. Thread the 4 $\frac{1}{4}$ -20 x $\frac{1}{2}$ button head screws (K) through the beam tab holes and tighten the screws with Allen wrench.



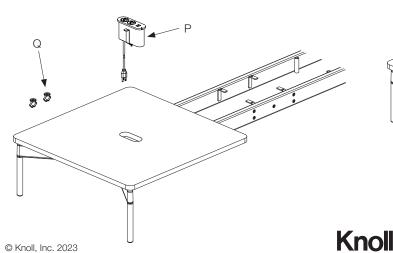
Installation Instructions Assemblies

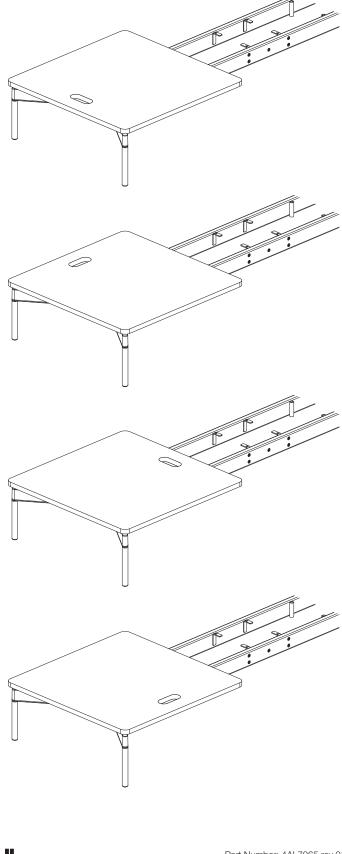




5. ATTACH POWER UNIT TO THE TABLE TOP

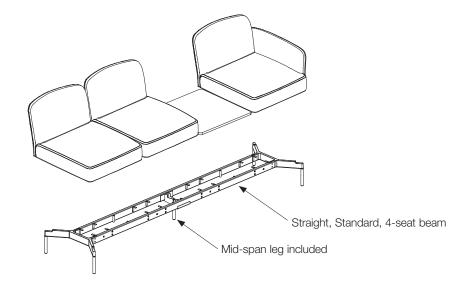
- 5.1. First remove the power unit clamp with nut from the unit (P).
- 5.2. Place the power unit into the table top cutout.
- 5.3. Slide the clamp back on the power unit and tighten the nut to secure the power unit in the top.
- 5.4. Use magnetic cord clips (Q) to organize power cord on the base assembly.





Installation Instructions Assemblies

Scenario 2: Standard Beam 4 position configuration



STEPS TO BUILD BASE ASSEMBLY

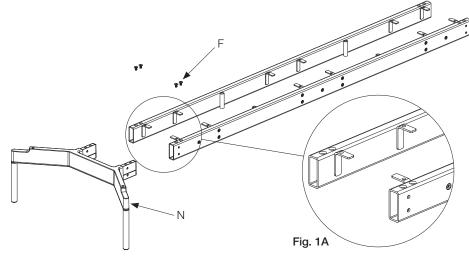
1. ATTACH LEG AND GLIDE TO END LEG CASTING

- 1.1. First insert and secure the 3/8-16 x 2.00 set screw (C) into the leg casting (N).
- 1.2. Then thread the aluminum leg (A) onto the set screw and tighten by hand.
- 1.3. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

N C C

2. ATTACH END LEG CASTING ASSEMBLY TO SET OF BEAMS

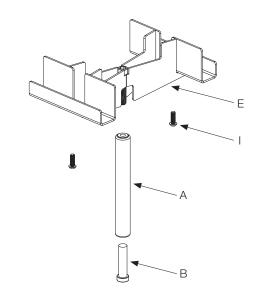
- 2.1. Slide both beams on the end leg casting (N). Make sure that all seat tabs, see figure 1A, are oriented up and pointed inward. Use 4 Socket flat head ¼-20 x 1/2 screws (F) to secure the assembly.
- 2.2. Back to Step 1: Attach leg and glide to end leg casting. Repeat at the other end of the set of beams.



Installation Instructions Assemblies

3. ASSEMBLE MIDSPAN LEG

- 3.1. Screw the leg (A) onto the midspan leg weldment (E) and tighten by hand.
- 3.2. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

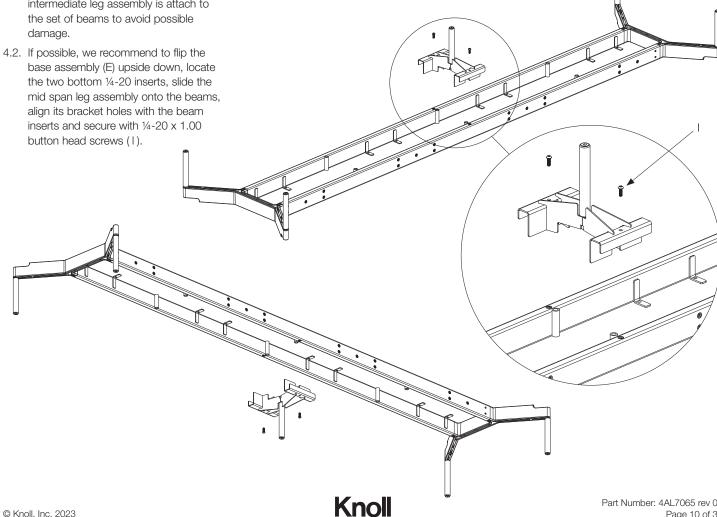


4. ATTACH MID SPAN LEG **ASSEMBLY TO BASE ASSEMBLY**

Note:

Base assembly shown upside down

4.1. The mid span leg assembly should be attached after one or both, end or intermediate leg assembly is attach to the set of beams to avoid possible damage.

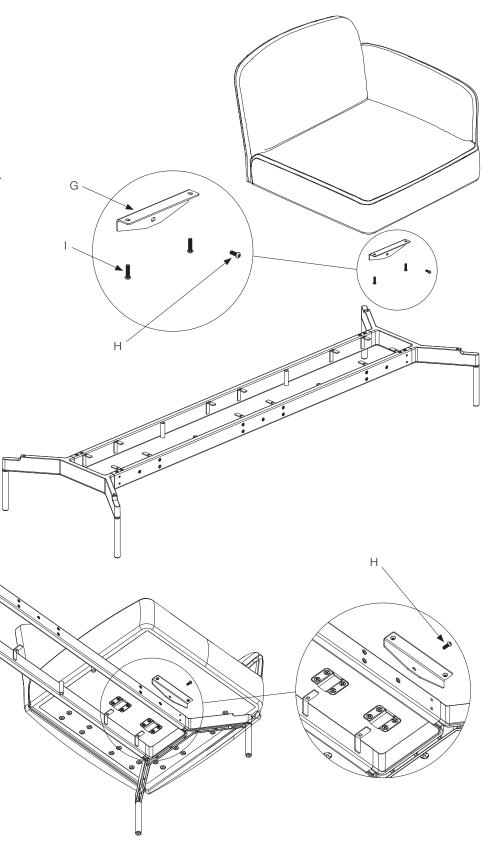


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Installation Instructions Assemblies

5. ATTACH SEAT

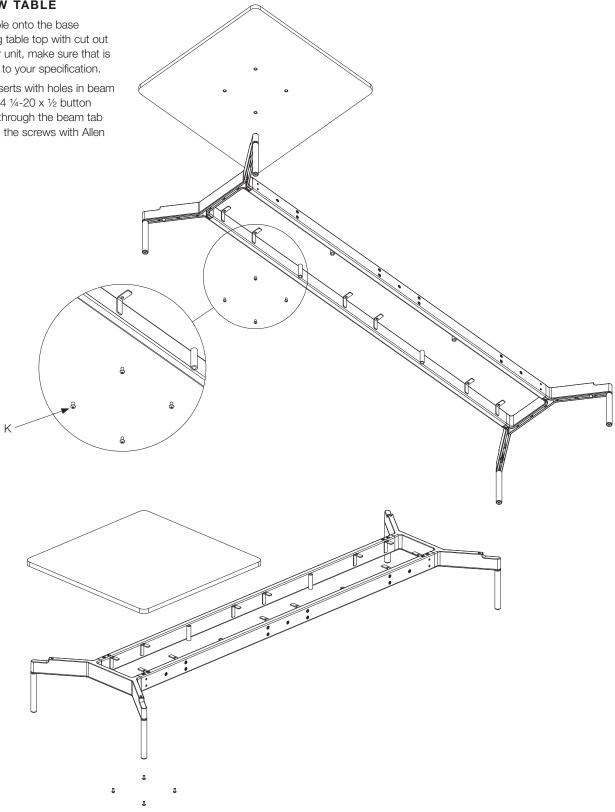
- 5.1. First attach seat bracket (G) to the bottom face of the seat.
- 5.2. Align bracket holes with the seat threaded inserts.
- 5.3. Make sure that the bracket flange faces forward as shown on the image.
- 5.4. Secure with two ¼-20 x1 button head screws (I).
- 5.5. Set the seat down on the base assembly. Align the seat bottom hat section brackets with beam seat tabs. Slide the entire seat on the seat tabs so the flange seat bracket hits the front beam. Secure the seat to the front beam with one 1/4-20x3/4 button head screw (H).



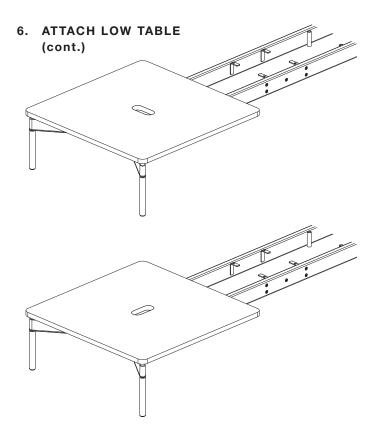
Installation Instructions Assemblies

6. ATTACH LOW TABLE

- 6.1. Place the low table onto the base assembly. If using table top with cut out for electric power unit, make sure that is properly oriented to your specification.
- 6.2. Align table top inserts with holes in beam tabs. Thread the 4 $\frac{1}{4}$ -20 x $\frac{1}{2}$ button head screws (K) through the beam tab holes and tighten the screws with Allen wrench.



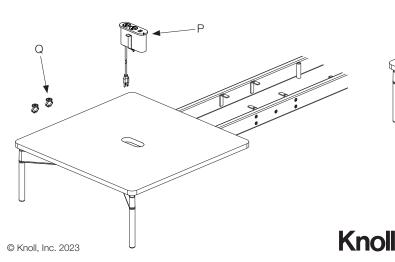
Installation Instructions Assemblies

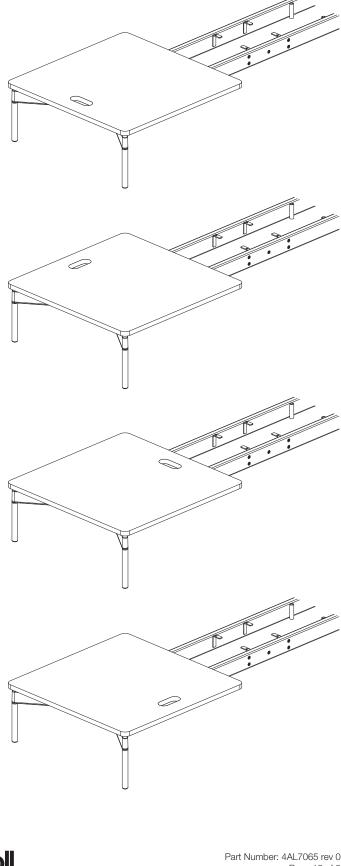




7. ATTACH POWER UNIT TO THE TABLE TOP

- 7.1. First remove the power unit clamp with nut from the unit (P).
- 7.2. Place the power unit into the table top
- 7.3. Slide the clamp back on the power unit and tighten the nut to secure the power unit in the top.
- 7.4. Use magnetic cord clips (Q) to organize power cord on the base assembly.





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Pixel™ Lounge Installation Instructions Assemblies Pixel Lounge Extension Application Scenario 3: **Extension Beam** 10-position configuration Straight, Starter, 3-seat beam (PLB2A3) Intermediate leg (PLLI) (Note: Mid-span leg included in 4-seat extension) Straight, Extension, 4-seat beam (PLB2E4) Straight, Starter, 3-seat beam (PLB2A3)

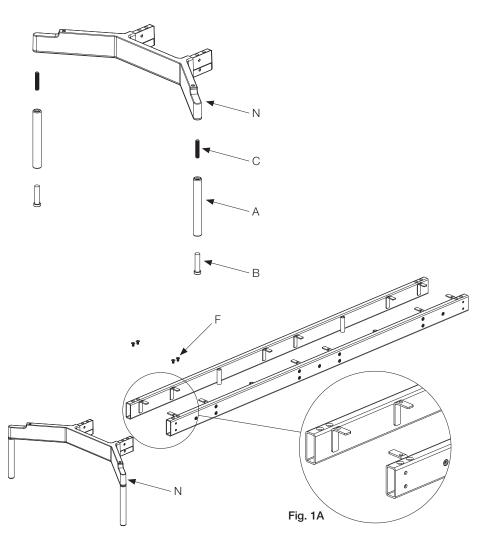
STEPS TO BUILD BASE ASSEMBLIES

1. ATTACH LEG AND GLIDE TO END LEG CASTING

- 1.1. First insert and secure the 3/8-16 x 2.00 set screw (C) into the leg casting (N).
- 1.2. Then thread the aluminum leg (A) onto the set screw and tighten by hand.
- 1.3. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

2. ATTACH END LEG CASTING ASSEMBLY TO SET OF BEAMS

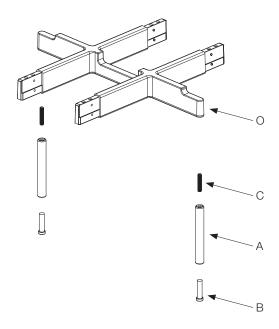
2.1. Slide both beams on the end leg casting (N). Make sure that all seat tabs, see figure 1A, are oriented up and pointed inward. Use 4 Socket flat head ¼-20 x 1/2 screws (F) to secure the assembly.



Installation Instructions Assemblies

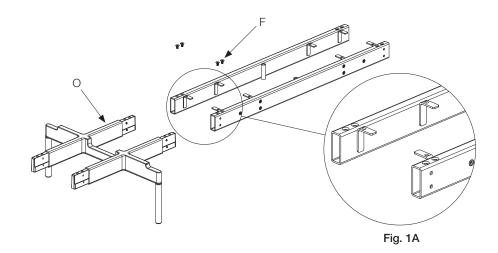
3. ATTACH LEGS AND GLIDES TO INTERMEDIATE LEG CASTING

- 3.1. First insert and secure the 3/8-16 x 2.00 set screw (C) into the intermediate leg casting (O).
- 3.2. Then thread the aluminum leg (A) onto the set screw and tighten by hand.
- 3.3. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.



4. ATTACH INTERMEDIATE LEG ASSEMBLY TO BEAMS

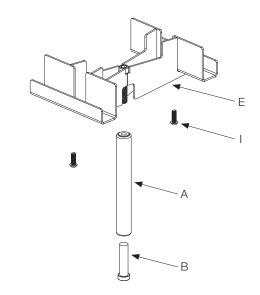
- 4.1. Slide both beams on the intermediate leg casting (O). Make sure that all seat tabs are oriented up and pointed inward, see figure 1A. Use 4 Socket flat head 1/4-20 x 1/2 screws (F) to secure the assembly.
- 4.2. Slide the next set of beams on the intermediate casting following the same steps.



Installation Instructions Assemblies

5. ASSEMBLE MIDSPAN LEG

- 5.1. Screw the leg (A) onto the midspan leg weldment (E) and tighten by hand.
- 5.2. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.



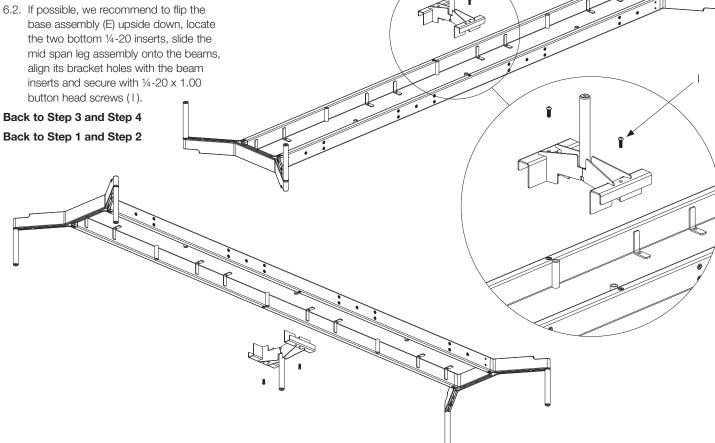
6. ATTACH MID SPAN LEG **ASSEMBLY TO BASE ASSEMBLY**

Note:

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Base assembly shown upside down

- 6.1. The mid span leg assembly should be attached after one or both, end or intermediate leg assembly is attach to the set of beams to avoid possible damage.
- base assembly (E) upside down, locate the two bottom 1/4-20 inserts, slide the align its bracket holes with the beam inserts and secure with 1/4-20 x 1.00



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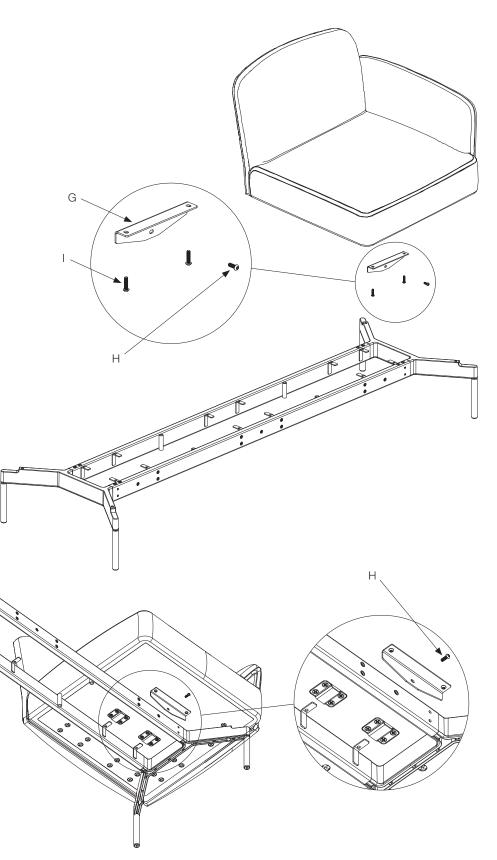
Part Number: 4AL7065 rev 01 Page 16 of 31

Installation Instructions Assemblies

ATTACH SEAT AND TABLES

7. ATTACH SEAT

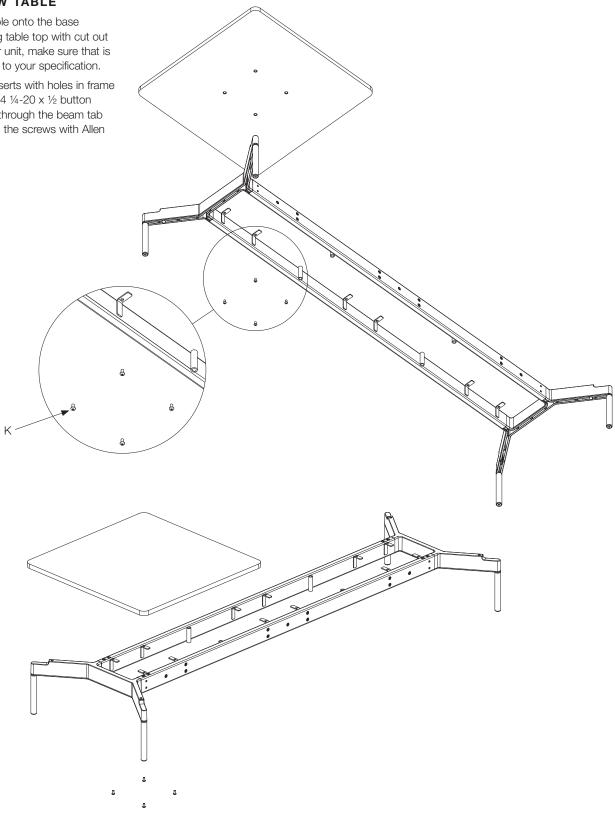
- 7.1. First attach seat bracket (G) to the bottom face of the seat.
- 7.2. Align bracket holes with the seat threaded inserts.
- 7.3. Make sure that the bracket flange faces forward as shown on the image.
- 7.4. Secure with two $\frac{1}{4}$ -20 x1 button head screws (I).
- 7.5. Set the seat down on the base assembly. Align the seat bottom hat section brackets with beam seat tabs. Slide the entire seat on the seat tabs so the flange seat bracket hits the front beam. Secure the seat to the front beam with one 1/4-20x3/4 button head screw (H).



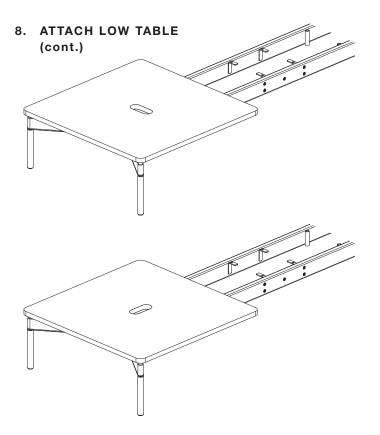
Installation Instructions Assemblies

ATTACH LOW TABLE

- 8.1. Place the low table onto the base assembly. If using table top with cut out for electric power unit, make sure that is properly oriented to your specification.
- 8.2. Align table top inserts with holes in frame tabs. Thread the 4 $\frac{1}{4}$ -20 x $\frac{1}{2}$ button head screws (K) through the beam tab holes and tighten the screws with Allen wrench.



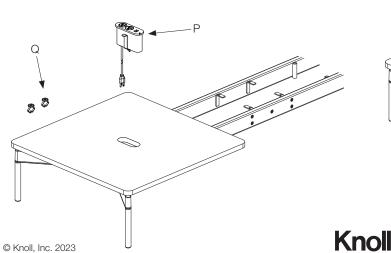
Installation Instructions Assemblies

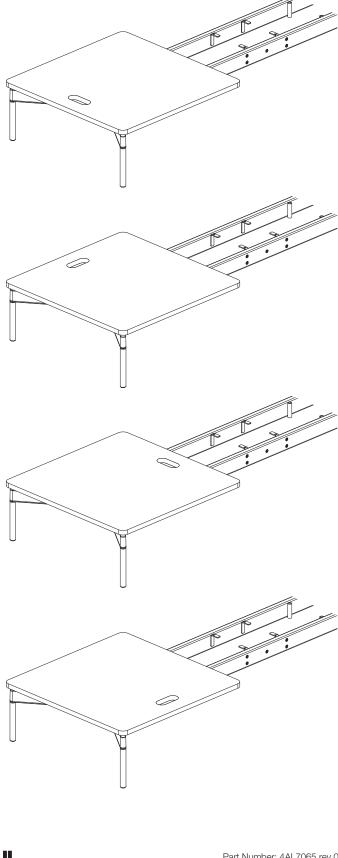




9. ATTACH POWER UNIT TO THE TABLE TOP

- 9.1. First remove the power unit clamp with nut from the unit (P).
- 9.2. Place the power unit into the table top
- 9.3. Slide the clamp back on the power unit and tighten the nut to secure the power unit in the top.
- 9.4. Use magnetic cord clips (Q) to organize power cord on the base assembly.





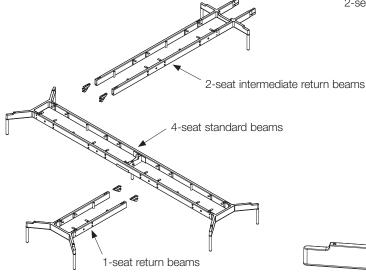
1-seat connector beams

3-seat standard beams

Pixel™ Lounge

Installation Instructions Assemblies

Scenario 4: Straight standard, return, intermediate return and connector beams with 13-position configuration



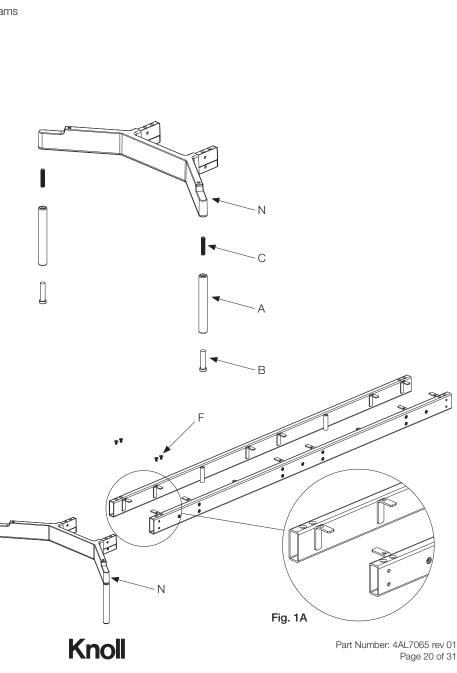
STEPS TO BUILD BASE **ASSEMBLIES**

ATTACH LEG AND GLIDE TO **END LEG CASTING**

- 1.1. First insert and secure the 3/8-16 x 2.00 set screw (C) into the leg casting (N).
- 1.2. Then thread the aluminum leg (A) onto the set screw and tighten by hand.
- 1.3. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

ATTACH END LEG CASTING **ASSEMBLY TO SET OF BEAMS**

2.1. Slide both beams on the end leg casting (N). Make sure that all seat tabs, see figure 1A, are oriented up and pointed inward. Use 4 Socket flat head 1/4-20 x 1/2 screws (F) to secure the assembly.



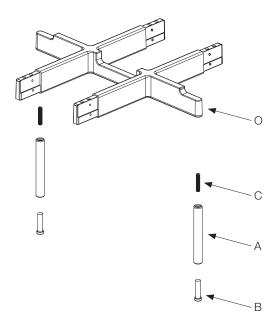
2-seat starter beams

2-seat extension beams

Installation Instructions Assemblies

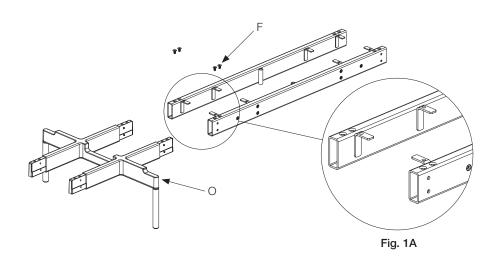
3. ATTACH LEGS AND GLIDES TO INTERMEDIATE LEG CASTING

- 3.1. First insert and secure the 3/8-16 x 2.00 set screw (C) into the intermediate leg casting (O).
- 3.2. Then thread the aluminum leg (A) onto the set screw and tighten by hand.
- 3.3. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.



4. ATTACH INTERMEDIATE LEG ASSEMBLY TO SET OF BEAMS

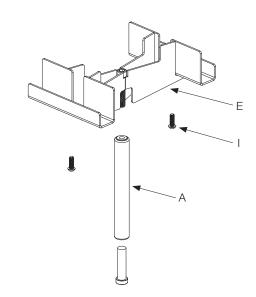
- 4.1. Slide both beams on the intermediate leg casting "O". Make sure that all seat tabs are oriented up and pointed inward, see figure 1A. Use 4 Socket flat head ¼-20 x 1/2 screws "F" to secure the assembly.
- 4.2. Slide the next set of beams on the intermediate casting following the same steps.



Installation Instructions Assemblies

5. ASSEMBLE MIDSPAN LEG

- 5.1. Screw the leg (A) onto the midspan leg weldment (E) and tighten by hand.
- 5.2. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

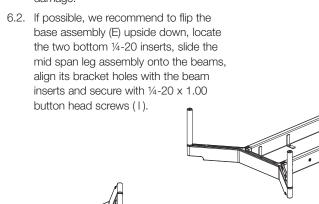


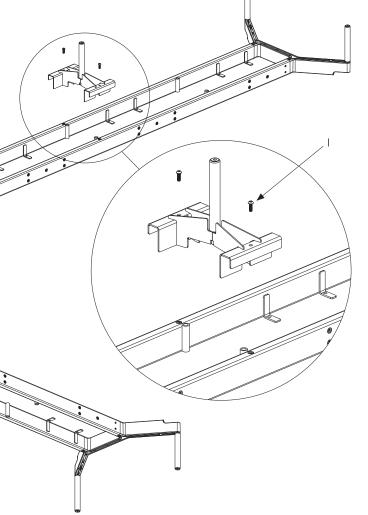
6. ATTACH MID SPAN LEG ASSEMBLY TO SET OF BEAMS

Note:

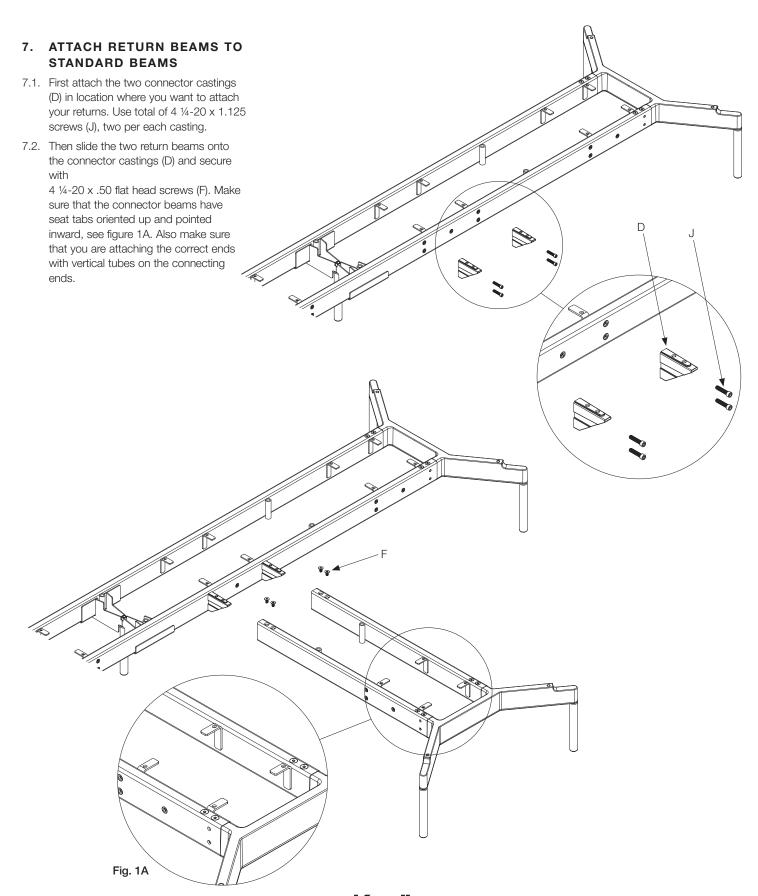
Base assembly shown upside down

6.1. The mid span leg assembly should be attached after one or both, end or intermediate leg assembly is attach to the set of beams to avoid possible damage.





Installation Instructions Assemblies

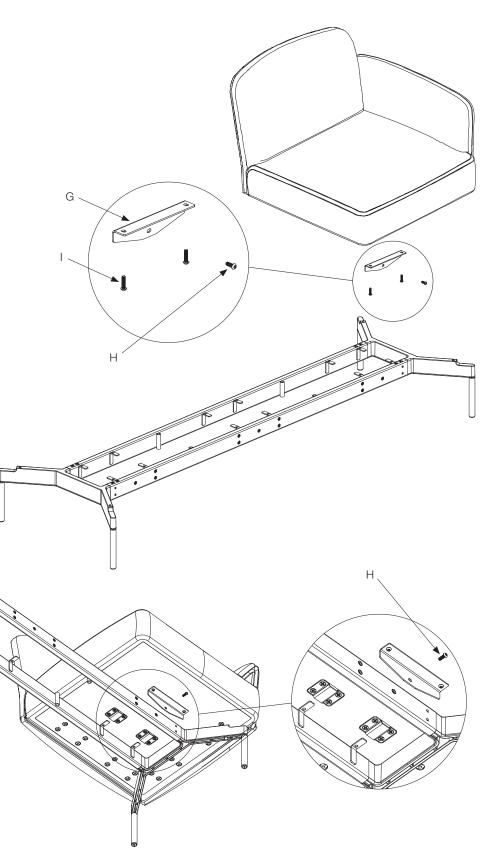


Installation Instructions Assemblies

ATTACH SEAT AND TABLES

8. ATTACH SEAT

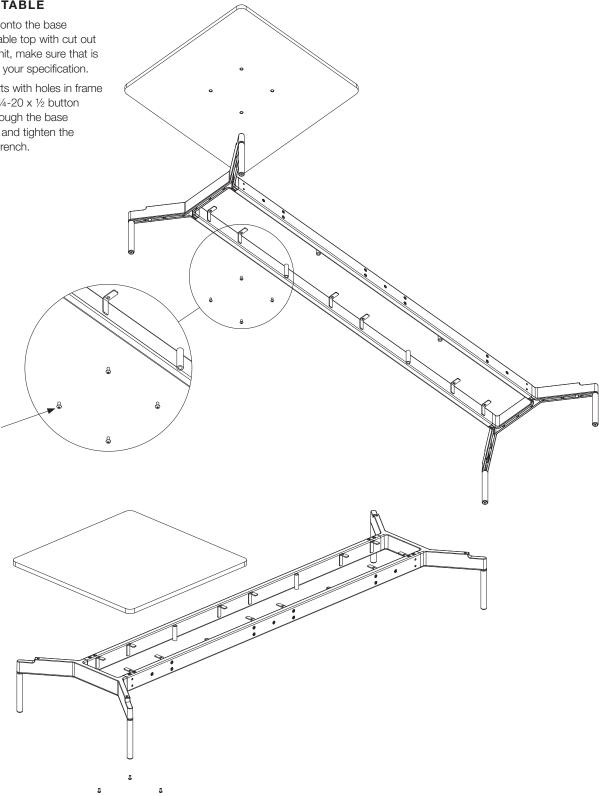
- 8.1. First attach seat bracket (G) to the bottom face of the seat.
- 8.2. Align bracket holes with the seat threaded inserts.
- 8.3. Make sure that the bracket flange faces forward as shown on the image.
- 8.4. Secure with two 1/4-20 x1 button head screws (1).
- 8.5. Set the seat down on the base assembly. Align the seat bottom hat section brackets with beam seat tabs. Slide the entire seat on the seat tabs so the flange seat bracket hits the front beam. Secure the seat to the front beam with one ¼-20x3/4 button head screw (H).



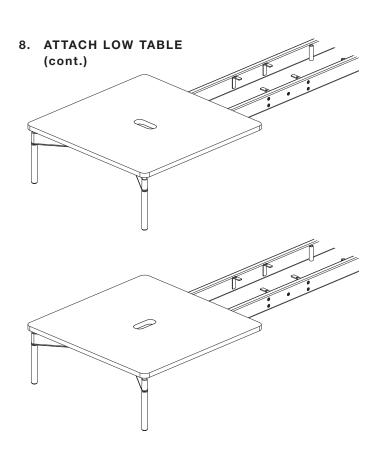
Installation Instructions Assemblies

9. ATTACH LOW TABLE

- 9.1. Place the low table onto the base assembly. If using table top with cut out for electric power unit, make sure that is properly oriented to your specification.
- 9.2. Align table top inserts with holes in frame tabs. Thread the 4 1/4-20 x 1/2 button head screws (K) through the base assembly tab holes and tighten the screws with Allen wrench.

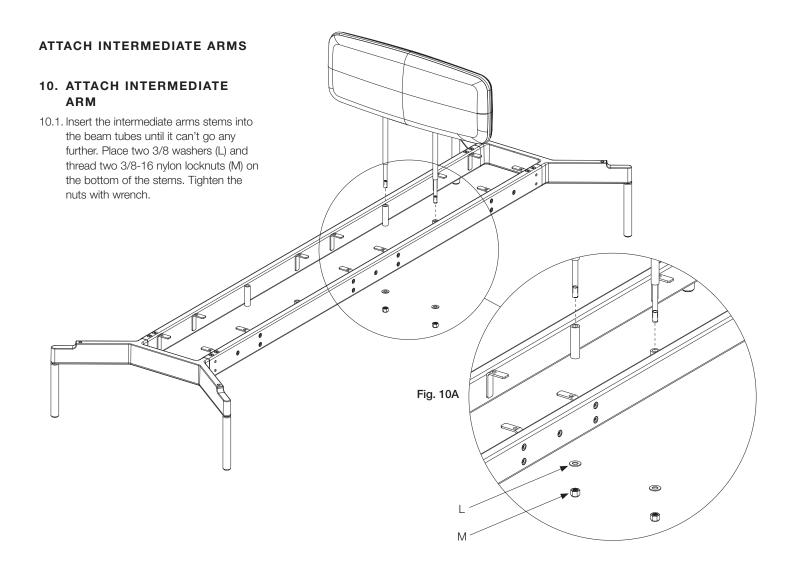


Installation Instructions Assemblies





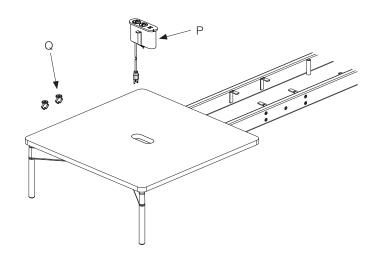
Installation Instructions Assemblies



INSTALL POWER (If applicable)

11. ATTACH POWER UNIT TO THE TABLE TOP

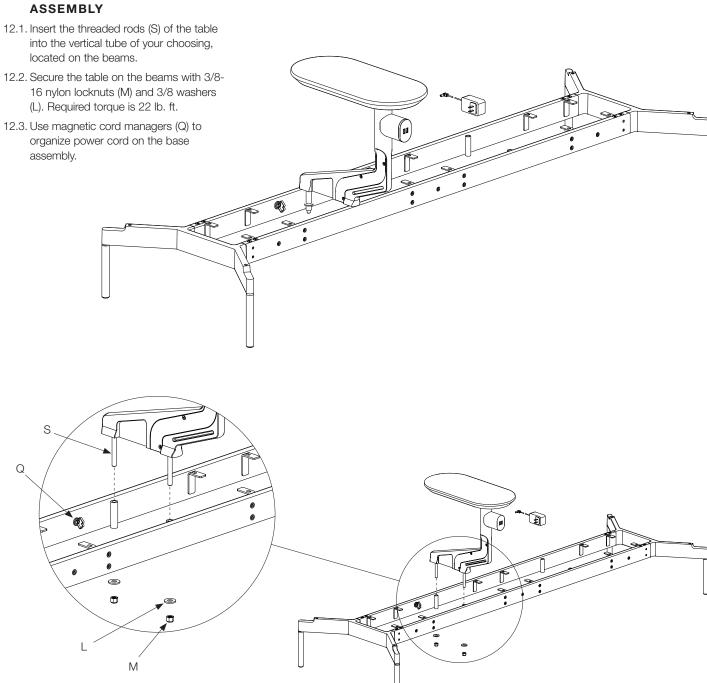
- 11.1. First remove the power unit clamp with nut from the unit (P).
- 11.2. Place the power unit into the table top cutout.
- 11.3. Slide the clamp back on the power unit and tighten the nut to secure the power unit in the top.
- 11.4. Use magnetic cord clips (Q) to organize power cord on the base assembly.



Installation Instructions Assemblies

ATTACH UP-MOUNTED TABLE

12. ATTACH UP-MOUNTED TABLE TO THE BASE

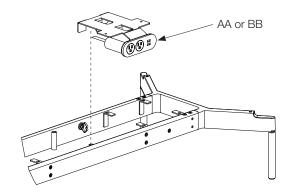


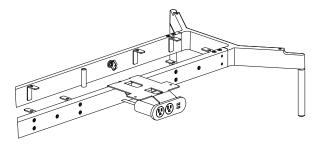
Installation Instructions Assemblies

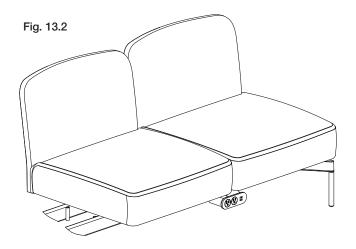
INSTALL UNDER-SEAT POWER UNITS

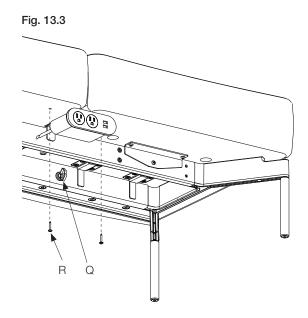
13. ATTACH UNDER THE SEAT POWER UNITS

- 13.1. Slide the under–seat power unit/bracket (AA or BB) on the base assembly beam into the vertical tube location.
- 13.2. Attach seat units to the base assembly as described in step 7.
- 13.3. Secure the under-seat power unit (AA or BB) with two # 10 x 1.00 wood screws (R) into the bottom of the seat unit.
- 13.4. Use magnetic cord manager (Q) to organize power cord on the base assembly.









Self-adhesive

velcro patch

Pixel™ Lounge

Installation Instructions Assemblies

INSTALL PIXEL™ TRAC

14. ATTACH PIXEL™ TRAC SYSTEM TO BASE ASSEMBLY

14.1. First locate the building power supply.

It's important to arrange all underseat power modules in place on the base frame before installing the rest of the Pixel™ Trac system.

Choose Pixel™ Trac duplex receptacle (V2) locations on the base assembly near the power access units (P, AA, BB). Plan the distances between the duplex receptacles (V2) to correlate to the available jumper cable (X) lengths. Jumper cables are available in the following lengths: 24", 36", 48", 60", 72", 84", and 96".

14.2. Apply self-adhesive velcro patches to the frame at the chosen receptacle locations. Patches are included in the receptacle kit (V). (Patterns PLKTD/ PLKTD2).

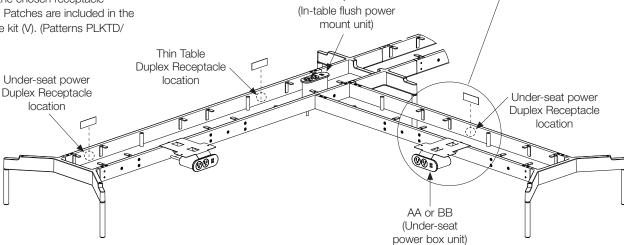


Fig. 14.2

14.3. Attach self-adhesive velcro patches to the receptacle brackets (V1). Attach duplex receptacle brackets (V1) frame velcro patches.

Installation Instructions Assemblies

INSTALL PIXEL™ TRAC, contined

14.4. Connect all duplex receptacles (V2) with jumper cables (X) including the power starter infeed cable (Y or Z) to create a power harness. T (Receptacle connector) Note, that H-connector (PLKTH) (U) can be used in case of branching jumper cables, and receptacle-to-receptacle U (H-connector) connector (PLKTR) (T) can be used where more outlets are needed more closely together. V2 (Duplex receptacle) Y (Starter cable, hardwired) X (Jumper cable) Z (Starter cable/cordset) V1 (Duplex receptacle bracket) (Power box bracket) (Power box box) Double-side adhesive patch 14.5. Snap the power harness into the duplex brackets (V1). Duplex receptacles (V2) can be snapped into brackets (V1) first and then connect the jumper cables (X) and starter infeed cable (Y or Z). If the seat assembly layout is being changed, power access units (X,Y, Z), jumper cables (X) and duplex receptacles outlets (V2) can be added to the existing harness as needed. Cable management magnetic cord manager (Q) can be used for additional power box cords and Q (Magnetic cord manager) jumper cables.