

Boulevard 1 Installation Manual 2017



OHSAS 18001:2007

ISO 9001:2015

ISO 14001:2015

REVISED: SUMMER 2017

global

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INSTALLATION GUIDELINES

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Correct Product Handling Tips

- Place panels into their location. Handle all of the furniture with care.
- Always protect walls and/or panels when leaning them.
- Hold and carry by the data or power punch outs at the sides of the panel, or remove raceway covers to carry panels by the horizontal rails. Non-raceway panels should be carried by the outer edges, so as not to squeeze the fabric portion of panel.
- Always stand panels with glides to the ground (right side up).
- Lift panels completely off the ground when carrying; dragging may cause the glide to spin out.
- Ensure panels and carts are adequately protected during off-loads.
- When carting and/or staging panels, ensure they are placed frame to frame to avoid one panel leaning into the middle or the edge of the fabric portion of another.
- Watch for raceway covers that may have come off during transit. They are usually in the plastic covering.
- When staging panels, ensure the first panel is relatively close to the wall at the glides (just enough to stand on its own).
- Watch for the sharp ends of staples when removing the packaging from around panels.

Please contact your Global Contract Service Representative at 416-739-5000 for any questions or concerns.

NOTE: Any alterations to listed components will void the manufacturer's warranty. The manufacturer will not be responsible for any damage or bodily harm caused by alterations in accordance with national or local electrical codes and manufac-

turer's specifications. In accordance with the manufacturer's policy of continual product improvement, the product presented in this document is subject to change without notice or obligation.24

INSTALLATION GUIDELINES

Introduction

The Boulevard Panel System is... Simple to install... Simple to reconfigure...

Boulevard is a technologically advanced solution-oriented systems product that is simple to install, reconfigure and maintain. This guide is meant to help you install and maintain the system to ensure years of quality product.

Included, you will find:

- Proper handling
- Detailed installation instructions
- Exploded drawings with part numbers • Care and Maintenance

Please do not hesitate to contact the Customer Service Team (416-739-5000) with any questions.

Packaging and Handling Documents

Ship to address

Dealer

Purchase Order Number

Packing List on carton 155

BILL OF LADING					
CARRIER McArthur		TELEPHONE NO. (540) (300) (3200)	POINT OF ORIGIN (TRANSHIPMENT, DATED 13/12/00)	DATE	PAGE NO. 1
CONSIGNEE Boulevard Dealer 123 Main Street Anytown, Canada		SHIP NO. 974825		LOAD NO.	
SENDER Any Dealer		DEALER P.O. 4045122	ACR. NO. 400274-11		
CARRIER INSTRUCTIONS		B/L TO			
PREPARED & CHARGE					
CARTONS	DESCRIPTION OF ARTICLES	WEIGHT		VOLUME	
		KG	LB	M ³	FT ³
73	OFFICE FURNITURE	3724			245
SHIP COMPLETE					
46	S/O # 648565 P.O. # 4045122	1,840			140
NOTE: CALL					
119	OFFICE FURNITURE	5,560			405
TOTAL NO. OF CARTONS		TOTAL WEIGHT		TOTAL VOLUME	
DECLARED FOR CUSTOM CLEARANCE BY					
GREAT LAKES CUSTOM BROKERS					
GLOBAL Contract Inc.		AGENT		VALUATION \$2.00 PER LB \$4.00 PER KG	
300 181 Vesper Road, Toronto, Ontario M4S 1L5 Canada		SHIP		DECLARED VALUE OF SHIPMENT \$	
TEL: (416) 593-0710 • Fax: (416) 593-0711		DATE Dec 13/00		SHIP NO. 974825	
SHIPERS SIGNATURE [Signature]					
(THIS BILL OF LADING - EXPRESS SHIPPING CONTRACT IS VOID - (voids on first shipment and first carrier)					
1. NOT NEGOTIABLE		2. CARRIER		3. SHIPPER	
				4. FILING	

Boulevard uses a Bill of Lading as the official shipping document. The driver will have this. On the Bill of Lading it will be noted which carton has the packing list attached to it. If it is a dedicated shipment, it will be on one of the last cartons loaded for easy identification.

INSTALLATION GUIDELINES

Packaging Labels

Dealer Purchase
Order Number

PRINTED: 11/21/88		PICKING LIST		PAGE 1 OF 1		
CUSTOMER: Boulevard Dealer 183 Main Street Agincourt, Canada		SALES ORDER: 6489994 CUSTOMER CODE: 007003 POB: 0010158 REQUIRED DATE: 12/04/2009				
IS401						
CARRIER: 1208 BEST WAY	PRODUCT CODE	PRODUCT DESCRIPTION	COLOR	FAB	SEID	CTM
QTY PICK						
1 1	BPR44224	4224 RACEWAY PANEL	GRY	B82A		1 1
3 3	BPR44236	4236 RACEWAY PANEL	GRY	B82A		3 4
2 2	BPR44248	4248 RACEWAY PANEL	GRY	B82A		2 6
4 4	BPR44260	4260 RACEWAY PANEL	GRY	B82A		4 10
✓ 1 1	BWCT1024HP	1024 CORNER WORKSURFACE	GRY	MRSLT	1	1.3
1 1	BWS28730HP	2060 W/S WITH 2 PRINTER SLOTS	GRY	MRSLT	1	1.3
✓ 1 1	BWS2436HP	2436 STANDARD WORKSURFACE	GRY	MRSLT	1	1.3
✓ 1 1	BWS2448HP	2448 STANDARD WORKSURFACE	GRY	MRSLT	1	1.3
✓ 3 2	BWS2460HP	2460 STANDARD WORKSURFACE	GRY	MRSLT	1	1.3
✓ 1 1	BPPL1T	PRINTER SLOT LEFT	} Single Box	✓		1.4
1 1	BPPL1T	PRINTER SLOT RIGHT		✓		1.4
✓ 2 2	BWTC90HP	90 IMAGE TRANSACTION TOP	GRY	MRSLT	1	1.3
✓ 1 1	BWT1534HP	1538 TRANSACTION WORKSURFACE	GRY	MRSLT	1	1.3
✓ 2 2	BWT1560HP	1560 TRANSACTION WORKSURFACE	GRY	MRSLT	1	1.3
✓ 1 1	BWT1572HP	1572 TRANSACTION WORKSURFACE	GRY	MRSLT	1	1.3
✓ 2 2	BWT1604HP	1604 TRANSACTION WORKSURFACE	GRY	MRSLT	1	1.3
✓ 1 1	BSCCP0100	CEILING FEED SINGLE US				1.5
✓ 1 3	B82DR01	B82DR-1 DUPLEX RECEPTACLE 1 CT				1.5
✓ 1 3	B82DR02	B82DR-2 DUPLEX RECEPTACLE 2 CT				1.5
✓ 2 2	B82DR03	B82DR-3 DUPLEX RECEPTACLE 3 CT				1.5
✓ 4 4	B82DR0410	B82DR-4 DUPLEX RECEPTACLE 4 CT				1.5
✓ 1 1	B82HP18	B82HP18 PASS THRU H X H				1.5
✓ 1 1	B82HP42	B82HP42 PASS THRU H X H				1.5
✓ 1 1	B82HP70	B82HP70 PASS THRU H X H				1.5
✓ 1 1	B82HP98	B82HP98 PASS THRU H X H				1.5

SHIP TO/EXPÉDIER À
 Boulevard Dealer
 183 Main Street
 Agincourt, Canada

QUANTITY, MODEL N° 042000
NO. QUANTITÉ, MOD. N° 0001128
DATE DE CHARGEMENT
DATE DE CHARGEMENT

TRAJECTOIRE DE LA
CHARGEMENT

DEPART/DETAILANT

QTY	PRODUCT / PRODUIT	RECEPTACLE	RECEP. COLOR/COULEUR
1	BPRA4224	B82A	GRY

OPTIONAL/CHOIX FACILITE

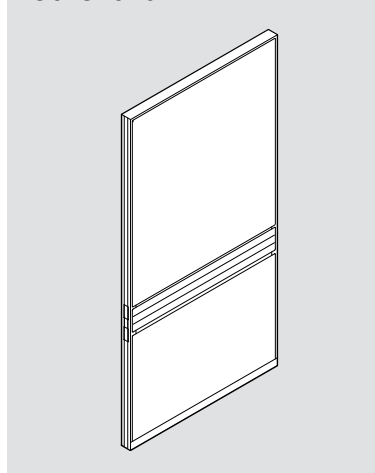
NO OPTION/CHOIX FACILITE
REMARKS/REMARQUES

Carton 1



INSTALLATION GUIDELINES

Boulevard



Required Tools

Safety Glasses
 Rubber Mallet
 Nylon Block*
 Metal Pick*
 Fabric Spline Roller*
 Power Drill (var speed, rev)
 Magnetic drill bit holders
 1/4" Nut-Driver
 5/16" Nut-Driver
 3/8" Nut-Driver
 #2 Robertson Screwdriver
 #3 Robertson Screwdriver
 Large 1/4" Blade Screwdriver
 3/16" Diameter Punch
 Utility Knife
 48" Long Level
 Tape Measure
 Gloves
 Circuit Tester

Additional items you may find useful:

#2 Phillips Screwdriver
 #3 Phillips Screwdriver
 1/2" Wrench
 9/16" Wrench
 Adjustable 8" Wrench
 Needlenose Pliers
 Large Channel Lock Pliers
 Fine tooth Saw (Hacksaw)
 General Purpose Prybar
 Frame Dolly
 Two wheel cart
 Furniture Cart with Straps

* These Items are available through customer service at 416-739-5000.

Please contact your Global Service Representative at 416-739-5000 for any questions or concerns.

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turer's specifications. In accordance with the manufacturer's policy of continual product improvement, the product presented in this document is subject to change without notice or obligation.24

INSTALLATION GUIDELINES

Packaging and Handling

Some tips to follow when handling Boulevard panels:

- PLACE panels into their location. Handle all of the furniture with care.
- Hold and carry by the data or power punch outs at the sides of the panel, or remove raceway covers to carry panels by the horizontal rails. Non-raceway panels should be carried by the outer edges so as not to squeeze the fabric portion of panel.
- Lift panels completely off the ground when carrying; dragging may cause the glide to spin out.
- When carting and/or staging panels, ensure they are placed frame to frame to avoid one panel leaning into the middle or the edge of the fabric portion of another.
- When staging panels, ensure the first panel is relatively close to the wall at the glides (gust enough to stand on its own).
- Always protect walls and/or panels when leaning them.
- Always stand panels with glides to the ground (right side up).
- Ensure panels and carts are adequately protected during off-loads.
- Watch for raceway covers that may have come off during transit. they are usually in the plastic covering.
- Watch for the sharp ends of staples when removing the packaging from around panels.

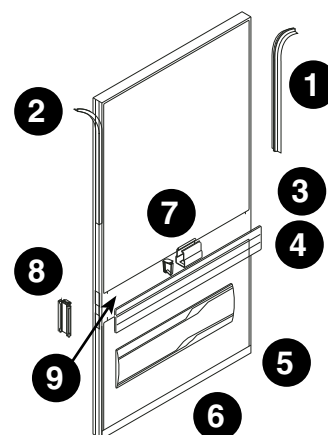
INSTALLATION GUIDELINES

Acoustical Raceway Panels

These parts are valid for the BPRA, BPRG, BPRF, and BPRP panels.

Parts

REFERENCE #	PART #	DESCRIPTION	LOCATION	QUANTITY
1	BHCS	Capture Strip	See Price book Panel Section	2
2	BHCE	End Strip Slot Cover	See Price Book Panel Section	2
3	010020MTL01	Raceway Lock Clip with Screw		1
4	1006RCS06XXX 6"	PVC Raceway Cover	XXX = PVC	1
	1006RCS18XXX 18"	PVC Raceway Cover	"	1
	1006RCS24XXX 24"	PVC Raceway Cover	"	1
	1006RCS30XXX 30"	PVC Raceway Cover	"	1
	1006RCS36XXX 36"	PVC Raceway Cover	"	1
	1006RCS42XXX 42"	PVC Raceway Cover	"	1
	1006RCS48XXX 48"	PVC Raceway Cover	"	1
	1006RCS54XXX 54"	PVC Raceway Cover	"	1
	1006RCS60XXX 60"	PVC Raceway Cover	"	1
4a	1006FRC06XXX 6"	Fabric Raceway Cover	"	1
	1006FRC18XXX 18"	Fabric Raceway Cover	XXX = PVC (Fabric Spec Separately)	1
	1006FRC24XXX 24"	Fabric Raceway Cover	"	1
	1006FRC30XXX 30"	Fabric Raceway Cover	"	1
	1006FRC36XXX 36"	Fabric Raceway Cover	"	1
	1006FRC42XXX 42"	Fabric Raceway Cover	"	1
	1006FRC48XXX 48"	Fabric Raceway Cover	"	1
	1006FRC54XXX 54"	Fabric Raceway Cover	"	1
	1006FRC60XXX 60"	Fabric Raceway Cover	"	1
4b	BARC06	6" Metal Raceway Cover	See Price Book Panel Section	1
	BARC18	18" Metal Raceway Cover	"	1
	BARC24	24" Metal Raceway Cover	"	1
	BARC30	30" Metal Raceway Cover	"	1
	BARC36	36" Metal Raceway Cover	"	1
	BARC42	42" Metal Raceway Cover	"	1
	BARC48	48" Metal Raceway Cover	"	1
	BARC54	54" Metal Raceway Cover	"	1
	BARC60	60" Metal Raceway Cover	"	1
4c	BTRC	Wood Raceway Cover	See Price Book Panel Section	1
5	10025206XXX	6" PVC Kickplate	XXX = PVC (frame) colour	1
	10025218XXX	18" PVC Kickplate	"	1
	10025224XXX	24" PVC Kickplate	"	1
	10025230XXX	30" PVC Kickplate	"	1
	10025236XXX	36" PVC Kickplate	"	1
	10025242XXX	42" PVC Kickplate	"	1
	10025248XXX	48" PVC Kickplate	"	1
	10025254XXX	54" PVC Kickplate	"	1
6	10025260XXX	60" PVC Kickplate	"	1
	007240001	3" Non Glazed Panel Glide		1
7	BECC01	PVC Cable / Terminal Channel	See Price Book Electrical Section	1
8	BPHC01	PVC Cable / Terminal Channel	See Price book Electrical Section	1
9	BHRC02	Raceway End Cap	See Price Book Panel Section	2
10	10025106XXX	6" Spill Guard	XXX = PVC (frame) colour	1
	10025118XXX	18" Spill Guard	"	1
	10025124XXX	24" Spill Guard	"	1
	10025130XXX	30" Spill Guard	"	1
	10025136XXX	36" Spill Guard	"	1
	10025142XXX	42" Spill Guard	"	1
	10025148XXX	48" Spill Guard	"	1
	10025154XXX	54" Spill Guard	"	1
	10025160XXX	60" Spill Guard	"	1



INSTALLATION GUIDELINES

Glazed Panels

Removing Protective Film

The protective film has been applied to the glazing to protect it from damage.

Do not use any sharp items to remove it.

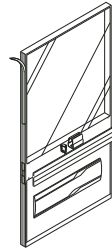
STEP 1: Start at the corner where the film is partially peeled from the glazing. Apply simple hand pressure on the glazing with one hand, and peel the film away from the glazing with the other hand.

STEP 2: Continue this process until the film is loose from all four edges.

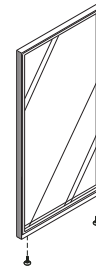
STEP 3: Remove the remainder of the film from center of glazing. The film is not applied with any adhesive.

* Static electricity is the only means of holding it in place.

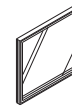
BPRG Panel



BPFG Panel



BPOG Panel



Glazing parts are for Acrylic only. Tempered glass is not available for order as it will break during typical transit. Glazing parts are for BPFG, BPRG, BPRGR, BPOG and BPOGR.

REFERENCE #	PART #	DESCRIPTION	LOCATION	QUANTITY
1	007240002	Panel Glide - 1.5"		1

REFERENCE #	PART #	FILLER/RETAINER KIT	ACRYLIC GLAZING	XXX = PVC (FRAME COLOUR) YYY = GLAZING COLOUR
2/3	BPRG4218	FSR4218XXX	10030214CLRYYY	
	BPRG4224	FSR4224XXX	10030220CLRYYY	
	BPRG4230	FSR4230XXX	10030226CLRYYY	
	BPRG4236	FSR4236XXX	10030232CLRYYY	
	BPRG4242	FSR4242XXX	10030238CLRYYY	
	BPRG4248	FSR4248XXX	10030244CLRYYY	
	BPRG4254	FSR4254XXX	10030250CLRYYY	
	BPRG4260	FSR4260XXX	10030256CLRYYY	
	BPRG5018	FSR5018XXX	10031014CLRYYY	
	BPRG5024	FSR5024XXX	10031020CLRYYY	
	BPRG5030	FSR5030XXX	10031026CLRYYY	
	BPRG5036	FSR5036XXX	10031032CLRYYY	
	BPRG5042	FSR5042XXX	10031038CLRYYY	
	BPRG5048	FSR5048XXX	10031044CLRYYY	
	BPRG5054	FSR5054XXX	10031050YYY	
	BPRG5060	FSR5060XXX	10031056YYY	
	BPRG5818	FSR5818XXX	10031814YYY	
	BPRG5824	FSR5824XXX	10031820YYY	
	BPRG5830	FSR5830XXX	10031826YYY	
	BPRG5836	FSR5836XXX	10031832YYY	
	BPRG5842	FSR5842XXX	10031838YYY	
	BPRG5848	FSR5848XXX	10031844YYY	
	BPRG5854	FSR5854XXX	10031850YYY	
	BPRG5860	FSR5860XXX	10031856YYY	
	BPRG6618	FSR6618XXX	10032614YYY	
	BPRG6624	FSR6624XXX	10032620YYY	
	BPRG6630	FSR6630XXX	10032626YYY	
	BPRG6636	FSR6636XXX	10032632YYY	
	BPRG6642	FSR6642XXX	10032638YYY	
	BPRG6648	FSR6648XXX	10032644YYY	
	BPRG6654	FSR6654XXX	10032650YYY	
	BPRG6660	FSR6660XXX	10032656YYY	
	BPRG7418	FSR7418XXX	10033414YYY	
	BPRG7424	FSR7424XXX	10033420YYY	
	BPRG7430	FSR7430XXX	10033426YYY	
	BPRG7436	FSR7436XXX	10033432YYY	
	BPRG7442	FSR7442XXX	10033438YYY	
	BPRG7448	FSR7448XXX	10033444YYY	
	BPRG7454	FSR7454XXX	10033450YYY	
	BPRG7460	FSR7460XXX	10033456YYY	
	BPRG8218	FSR8218XXX	10034214YYY	
	BPRG8224	FSR8224XXX	10034220YYY	
	BPRG8230	FSR8230XXX	10034226YYY	
	BPRG8236	FSR8236XXX	10034232YYY	
	BPRG8242	FSR8242XXX	10034238YYY	
	BPRG8248	FSR8248XXX	10034244YYY	
	BPRG8254	FSR8254XXX	10034250YYY	

INSTALLATION GUIDELINES

Glazed Panels

REFERENCE #	PART #	FILLER/RETAINER KIT	ACRYLIC GLAZING	XXX = PVC (FRAME COLOUR) YYY = GLAZING COLOUR
2/3	BPRG8260	FSR8260XXX	10034256YYY	
	BPFG5824	FSRF5824XXX	10055320YYY	
	BPFG5830	FSRF5830XXX	10055326YYY	
	BPFG5836	FSRF5836XXX	10055332YYY	
	BPFG5842	FSRF5842XXX	10055338YYY	
	BPFG5848	FSRF5848XXX	10055344YYY	
	BPFG6624	FSRF6624XXX	10056120YYY	
	BPFG6630	FSRF6630XXX	10056126YYY	
	BPFG6636	FSRF6636XXX	10056132YYY	
	BPFG6642	FSRF6642XXX	10056138YYY	
	BPFG6648	FSRF6648XXX	10056144YYY	
	BPFG7424	FSRF7424XXX	10056920YYY	
	BPFG7430	FSRF7430XXX	10056926YYY	
	BPFG7436	FSRF7436XXX	10056932YYY	
	BPFG7442	FSRF7442XXX	10056938YYY	
	BPFG7448	FSRF7448XXX	10056944YYY	
	BPFG8224	FSRF8224XXX	10057720YYY	
	BPFG8230	FSRF8230XXX	10057726YYY	
	BPFG8236	FSRF8236XXX	10057732YYY	
	BPFG8242	FSRF8242XXX	10057738YYY	
	BPFG8248	FSRF8248XXX	10057744YYY	
	BP0G0818	FSR0818XXX	10050514YYY	
	BP0G0824	FSR0824XXX	10050520YYY	
	BP0G0830	FSR0830XXX	10050526YYY	
	BP0G0836	FSR0836XXX	10050532YYY	
	BP0G0842	FSR0842XXX	10050538YYY	
	BP0G0848	FSR0848XXX	10050544YYY	
	BP0G0854	FSR0854XXX	10050550YYY	
	BP0G0860	FSR0860XXX	10050556YYY	
	BP0G1618	FSR1618XXX	10051314YYY	
	BP0G1624	FSR1624XXX	10051320YYY	
	BP0G1630	FSR1630XXX	10051326YYY	
	BP0G1636	FSR1636XXX	10051332YYY	
	BP0G1642	FSR1642XXX	10051338YYY	
	BP0G1648	FSR1648XXX	10051344YYY	
	BP0G1654	FSR1654XXX	10051350YYY	
	BP0G1660	FSR1660XXX	10051356YYY	
	BP0G2418	FSR2418XXX	10052114YYY	
	BP0G2424	FSR2424XXX	10052120YYY	
	BP0G2430	FSR2430XXX	10052126YYY	
	BP0G2436	FSR2436XXX	10052132YYY	
	BP0G2442	FSR2442XXX	10052138YYY	
	BP0G2448	FSR2448XXX	10052144YYY	
	BP0G2454	FSR2454XXX	10052150YYY	
	BP0G2460	FSR2460XXX	10052156YYY	
	BP0G3718	FSR3718XXX	10053414YYY	
	BP0G3724	FSR3724XXX	10053420YYY	
	BP0G3730	FSR3730XXX	10053426YYY	
	BP0G3736	FSR3736XXX	10053432YYY	
	BP0G3742	FSR3742XXX	10053438YYY	
	BP0G3748	FSR3748XXX	10053444YYY	
	BP0G3754	FSR3754XXX	10053450YYY	
	BP0G3760	FSR3760XXX	10053456YYY	
	BP0G4218	FSR4218XXX	10053914YYY	
	BP0G4224	FSR4224XXX	10053920YYY	
	BP0G4230	FSR4230XXX	10053926YYY	
	BP0G4236	FSR4236XXX	10053932YYY	
	BP0G4242	FSR4242XXX	10053938YYY	
	BP0G4248	FSR4248XXX	10053944YYY	
	BP0G4254	FSR4254XXX	10053950YYY	
	BP0G4260	FSR4260XXX	10053956YYY	

INSTALLATION GUIDELINES

Curved Partly Glazed Raceway Panel

Removal/Replacing of Curved Raceway Cover

To remove the curved raceway cover (inner and outer), start at either corner.

STEP 1: Pull on the cover at the corner, and continue to pull the cover out of the extrusion following the line of the raceway cover and the extrusion.

It will become increasingly difficult along this line, so more pressure will be required as you approach the opposite end of the cover.

STEP 2: Once the cover has been freed from the extrusion, the opposite side of the cover will release.

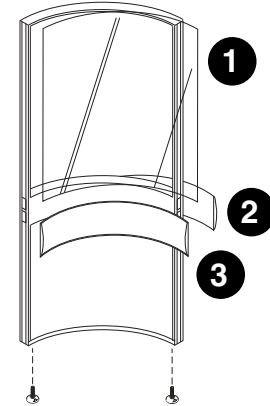
To insert a new cover, reverse the order of the above.

It is easier to seat the bottom of the cover into the lower extrusion first.

STEP 1: Go to one corner on the upper side and flex the raceway to insert into the upper extrusion.

STEP 2: Keeping constant pressure on the bottom of the raceway in the extrusion (so it doesn't "pop" out), apply pressure to the top of the raceway and follow that along the line of the cover and extrusion. Again, it becomes more difficult as you come closer to the end of the cover so increase the pressure to fit the cover into the extrusion.

PANEL	FILLER/RETAINER KIT	ACRYLIC GLAZING	YYY = GLAZING COLOUR
BPRGR4224	N/A	10030110YYY	
BPRGR5024	N/A	10031240YYY	
BPRGR5824	N/A	10032040YYY	
BPRGR6624	N/A	10032840YYY	
BPRGR7424	N/A	10033640YYY	
BPRGR8224	N/A	10034440YYY	
BPGFR3724	N/A	10033840YYY	
BPGFR4224	N/A	10034640YYY	
BPGFR5024	N/A	10034640YYY	
BPGFR5824	N/A	10035440YYY	
BPGFR6624	N/A	10036240YYY	
BPGFR7424	N/A	10037040YYY	
BPGFR8224	N/A	10037840YYY	
BPOGR2424	N/A	10052139YYY	
BPOGR3724	N/A	10053439YYY	



REFERENCE #	PART #	DESCRIPTION	PACKAGE	QUANTITY
2	100650RS24XXX	Outside PVC Radius Raceway Cover for 37" high panel	XXX=PVC colour	1
	100650R24XXX	Outside PVC Radius Raceway Cover for 42" and higher panels	XXX=PVC colour	1
	100650R2437XXX	Outside Fabric Covered Raceway Cover for 37" high panel	*TAG: Fabric colour	1
	100650R24XXX	Outside Fabric Covered Raceway Cover for 42" and higher panels	*TAG: Fabric colour	1
3	10065IRS24XXX	Inside PVC Radius Raceway Cover for 37" high panel	XXX=PVC colour	1
	10065IR24XXX	Inside PVC Radius Raceway Cover for 42" and higher panels	XXX=PVC colour	1
	10065FIR2437XXX	Inside Fabric Covered Raceway Cover for 37" high panel	*TAG: Fabric colour	1
	10065FIR24XXX	Inside Fabric Covered Raceway Cover for 42" and higher panels	*TAG: Fabric colour	1
		Inside Wood Raceway Cover for 37" high panel	See price book	1

INSTALLATION GUIDELINES

Curved Partly Glazed Raceway Panel

Removal/Replacement of Curved Raceway Cover

To remove the curved raceway cover (outer only), start at either corner.

STEP 1: Pull on the cover at the corner, and continue to pull the cover out of the extrusion following the line of the raceway cover and the extrusion.

It will become increasingly difficult along this line, so more pressure will be required as you approach the opposite end of the cover.

STEP 2: Once the cover has been freed from the extrusion, the opposite side of the cover will release.

To insert a new cover, reverse the order of the above.

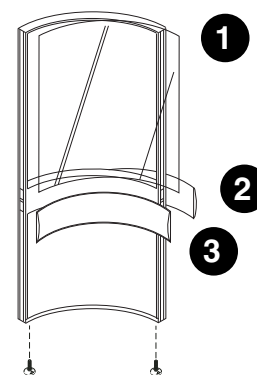
It is easier to seat the bottom of the cover into the lower extrusion first.

STEP 1: Go to one corner on the upper side and flex the raceway to insert into the upper extrusion.

Note: Only the outer raceway can be removed on a curved panel.

STEP 2: Keeping constant pressure on the bottom of the raceway in the extrusion (so it doesn't "pop" out), apply pressure to the top of the raceway and follow that along the line of the cover and extrusion. Again, it becomes more difficult as you come closer to the end of the cover so increase the pressure to fit the cover into the extrusion.

PANEL	FILLER/RETAINER KIT	ACRYLIC GLAZING	YYY = GLAZING COLOUR
BPRGR4224	N/A	10030110YYY	
BPRGR5024	N/A	10031240YYY	
BPRGR5824	N/A	10032040YYY	
BPRGR6624	N/A	10032840YYY	
BPRGR7424	N/A	10033640YYY	
BPRGR8224	N/A	10034440YYY	
BPGFR3724	N/A	10033840YYY	
BPGFR4224	N/A	10034640YYY	
BPGFR5024	N/A	10034640YYY	
BPGFR5824	N/A	10035440YYY	
BPGFR6624	N/A	10036240YYY	
BPGFR7424	N/A	10037040YYY	
BPGFR8224	N/A	10037840YYY	
BP0GR2424	N/A	10052139YYY	
BP0GR3724	N/A	10053439YYY	



REFERENCE #	PART #	DESCRIPTION	PACKAGE	QUANTITY
2	100650RS24XXX	Outside PVC Radius Raceway Cover for 37" high panel	XXX=PVC colour	1
	100650R24XXX	Outside PVC Radius Raceway Cover for 42" and higher panels	XXX=PVC colour	1
	10065F0R2437XXX	Outside Fabric Covered Raceway Cover for 37" high panel	*TAG: Fabric colour	1
	1006F0R24XXX	Outside Fabric Covered Raceway Cover for 42" and higher panels	*TAG: Fabric colour	1
3		Outside Wood Raceway Cover for 37" high panel	See price Book	1
	10065IRS24XXX	Inside PVC Radius Raceway Cover for 37" high panel	XXX=PVC colour	1
	10065IR24XXX	Inside PVC Radius Raceway Cover for 42" and higher panels	XXX=PVC colour	1
	10065FIR2437XXX	Inside Fabric Covered Raceway Cover for 37" high panel	*TAG: Fabric colour	1
	1006FIR24XXX	Inside Fabric Covered Raceway Cover for 42" and higher panels	*TAG: Fabric colour	1
		Inside Wood Raceway Cover for 37" high panel	See price book	1

INSTALLATION GUIDELINES

Panel to Post Attachment

A Post is used to create 2-way, 3-way or 4-way panel configurations.

Attach the selected post to a panel so that the two smaller holes in the base of the post engage with the self-leveling details of the bottom panel corner.

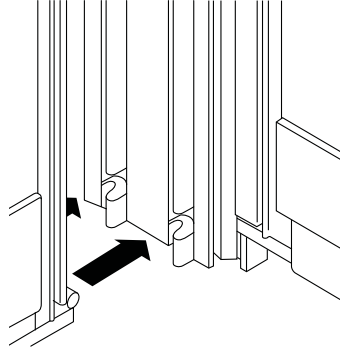
When positioning the post (only for 2 or 3-way applications), keep the larger opening at the post base accessible for future power or data/communication cable installation.

Press in panel connector "Capture Strip" on both sides.

A 60° post can only be used for 2-way or 3-way configurations.

A 45° post can only be used for 2-way configurations.

60° posts and 45° posts do not accept power feeds.



Panel to Panel Attachment

STEP 1: Engage a new panel with an already leveled panel so that the bottom corner self-leveling details dovetail into each other. Ensure that the vertical grooves in the panel frame interlock.

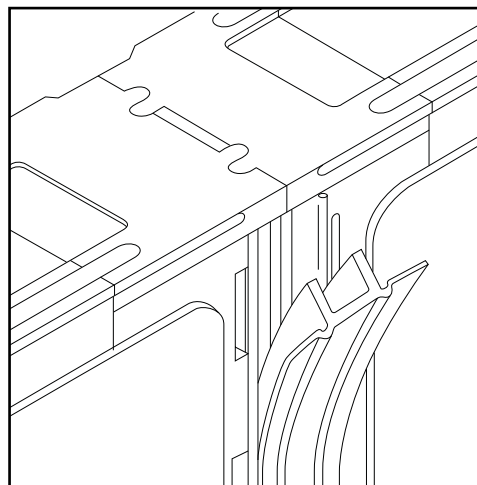
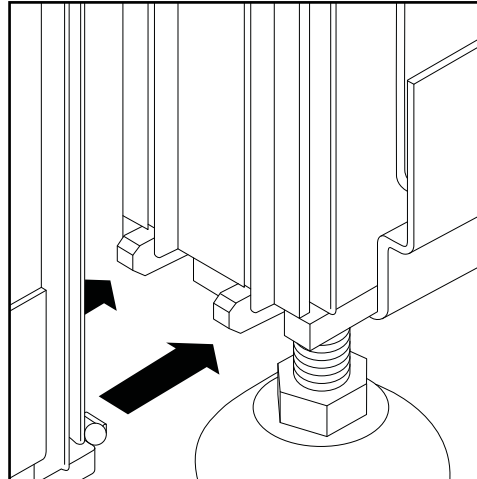
STEP 2: Press in panel connector "Capture Strip" on both sides.

BPRS Panels:

Due to the weight of the steel faced panel, additional support may be needed. When using 82" tall panels in a spine configuration, full height wing panel supports are necessary. Always use at least a 30" wide panel for wing support. Wing support must also be steel construction. For additional specification information, please contact our technical support department.

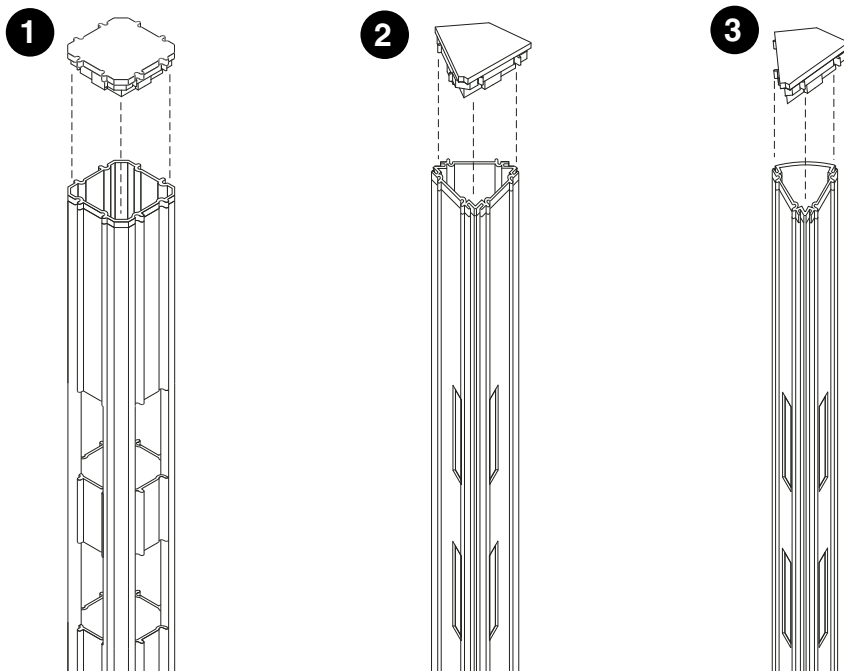
Use only enough force to seat the capture strip. Too much force may damage the PVC material. !

Tip: Using a nylon block with rounded edges will minimize the chances of damaging the capture strip, thus providing a cleaner installation.



INSTALLATION GUIDELINES

Panel Posts



REFERENCE #	PART #	DESCRIPTION	QUANTITY
1	PC90XX	90 degree Post Top Cap	1
2	PC60XX	60 degree Post Top Cap	1
3	PC45XX	45 degree Post Top Cap	1

End Strip Slot Cover & Wall Adjustment

END STRIP SLOT COVER

End Strips with a pliable side membrane cover the vertical panel slots at the end of a panel run.

STEP 1: Cut to desired length and press into the vertical groove in panel's edge (the same groove accepts panel connector "Capture Strip"). **

WALL ADAPTER

Wall Adapter is attached to the building to provide additional support to a panel run.

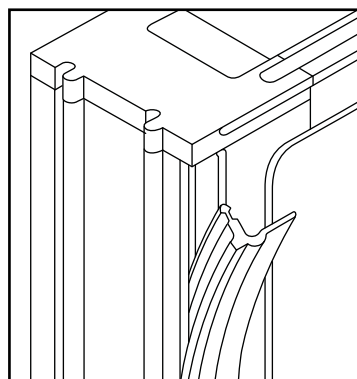
STEP 1: Use a level to ensure that the adapter will be accurately positioned vertically and high enough not to interfere with the self-leveling detail of the panel.

STEP 2: Fasten adapter to wall.

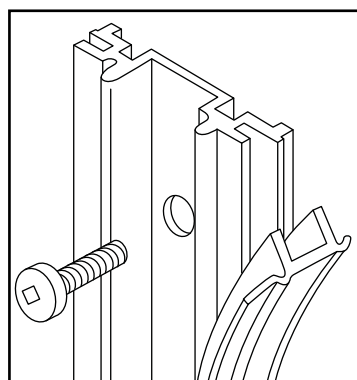
Select the appropriate fasteners according to the wall or wall stud material to ensure a structurally sound connection.

There are no pre-drilled holes in wall adapter.

STEP 3: Engage the panel with adapter and adjust leveler. Press in panel connector "Capture Strip" on both sides.



BHCS End Strip Slot Cover & BHWA Wall Adapter



INSTALLATION GUIDELINES

Wall Adapter Sleeve Installation

Wall Adapter Sleeve is attached to the building to provide flexible support to a panel run. As opposed to the BH3WA wall adapter, which connects panels rigidly to a wall, B1 and B3 Boulevard panels rest inside of this vertical Sleeve, providing up to 3.5" of flexible adjustment. For panel runs taller than 66" order two Wall Adapter Sleeves and either have it cut short on site below ceiling, or cut a rectangular hole in the ceiling tile. Rectangular slots in the Sleeves correspond to 66", 58", 54", 50" and 42" high B1 and B3 panels.

NOTE: The Wall Adapter Sleeve provides flexible, non-structural connection, blocks vertical 1" increment slots and cannot, therefore, be used to support overheads and work surfaces. If adjacent panels are intended to support overheads and work surfaces, then they must be supported by perpendicular panels, C legs or gables.

NOTE: The Wall Adapter Sleeve, when installed, prevents the raceway door from opening. Please take this fact into consideration should you require access.

STEP 1: Drive leellers all the way into the panel.

STEP 2: Place the panel into its intended future position and use a level to mark top edge of fabric tile on the wall.

STEP 3: Align top of the Wall Adapter Sleeve with the mark on the wall. Use a level to ensure that the adapter will be accurately positioned vertically.

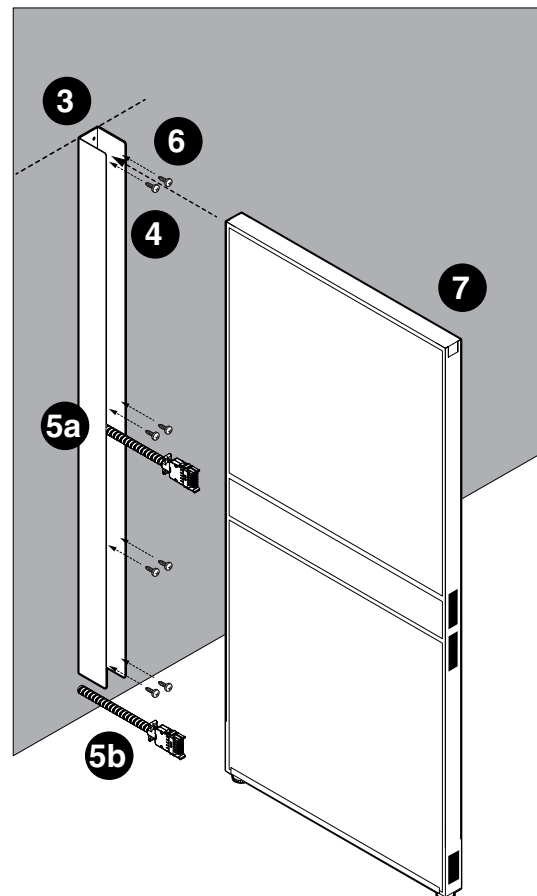
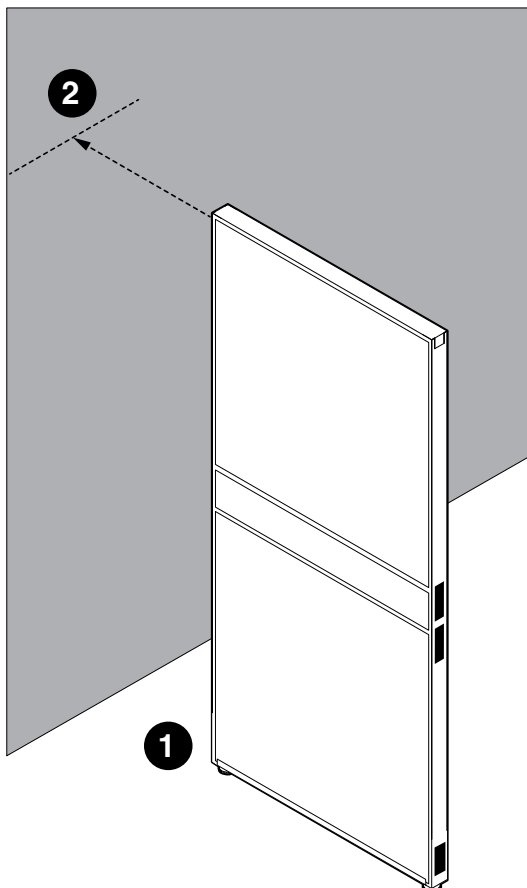
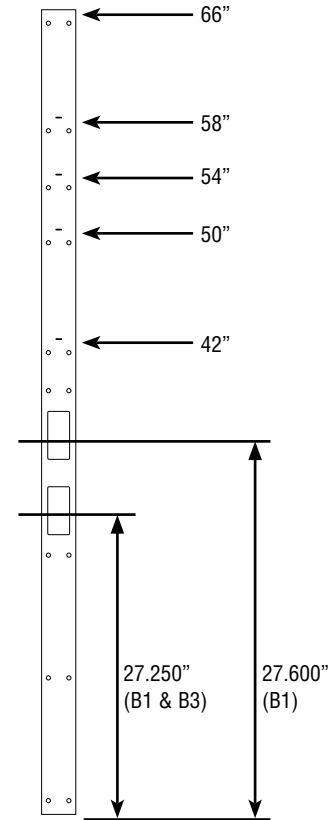
STEP 4: Fasten adapter to wall. Select the appropriate fasteners according to the wall or wall stud material to ensure a structurally sound connection.

STEP 5: The rectangular openings in the Sleeve serve to bring power/data to the panel run from the wall. B1 and B3 desk-height (5a) B3 floor level (5b).

NOTE: Follow your local electrical building codes.

STEP 6: Slide the panel into the Sleeve.

STEP 7: Engage the panel with adjacent panel run and adjust leveller. Press in panel connector "Capture Strip" on both sides.



INSTALLATION GUIDELINES

Metal Raceway Lock Clip Adjustment

Effective for product manufactured as of January 1999. The Raceway Locking Clip has been changed from plastic to metal, in January of 1999.

All panels can be retrofitted with the new style metal clips.

It is important to open the raceway cover properly.

STEP 1: Grasp the bottom side edge of the raceway cover as close to each vertical extrusion as possible and pull out.

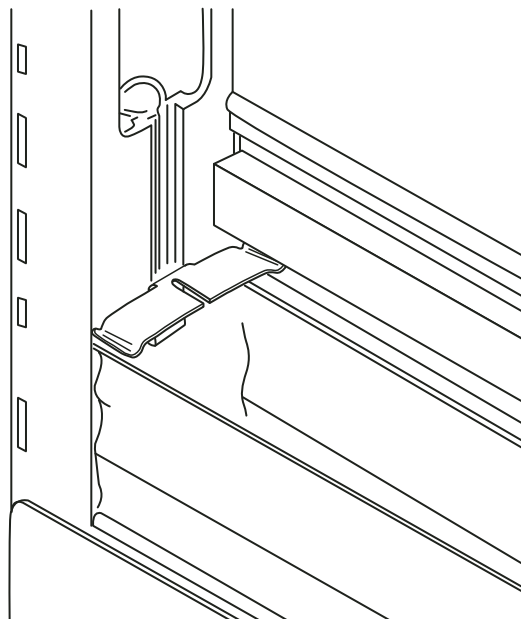
Do not pull from the middle of the raceway cover.

STEP 2: Either remove the cover by pushing it up and away from panel or lock it into its open position by rotating the cover upward and then slightly down so the hinged edge engages into the panel.

STEP 3: The lip at the end of the clip should rest in the groove of the raceway cover directly under the large reinforcement extrusion.

STEP 4: If the cover is closing but not “clicking” into position, the clip should be bent slightly upward or downward. This will allow the clip to properly engage into the extrusion.

STEP 5: To close, reverse the steps above. Slight inward pressure is all that should be required to properly seat the cover.



Ceiling Filler

Ceiling Filler is shipped in 124” rolls. It is recommended that it is not left spooled up for an extended period of time as the material tends to take the shape of the area in which it is packed.

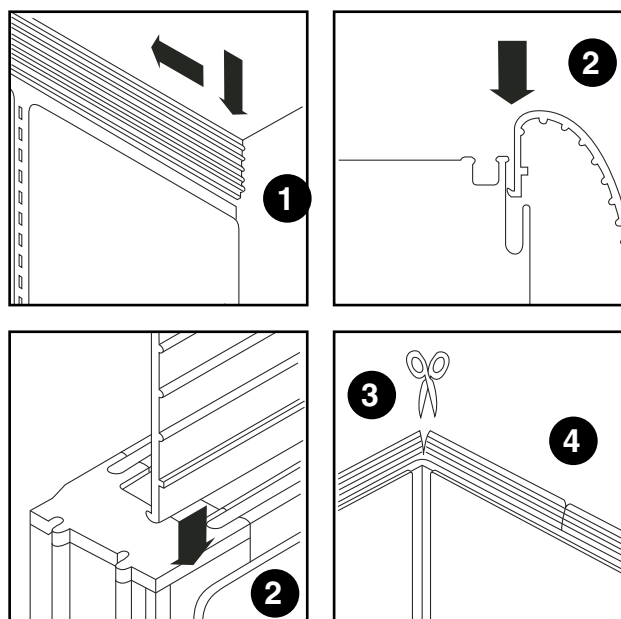
STEP 1: Begin at the wall mounted side of the panel, while ensuring that the ribbed side of the filler is towards you.

STEP 2: Proceed by pressing the hooked section of the filler into the top edge of the fabric covered frame of the Over Panel.

STEP 3: Make short vertical incisions at corners and bend the softer section of the filler between Over Panels and ceiling tiles as you progress towards the end of the panel run.

STEP 4: Proceed with a new Ceiling Filler (abutted to the end of the one already installed) in order to span longer panel runs.

Please check local building codes for any restrictions.



INSTALLATION GUIDELINES

Over Panel

Over Panels attach to the top of most panels to create floor-to-ceiling division. According to your floor plan, identify requested height, style (glazed or fabric) and location of the Over Panel.

STEP 1: Position the Over Panel on top of an already installed and secured panel of corresponding width, while ensuring that a bottom location strip (comes with every Over Panel) engages with the groove on top of the installed panel.

STEP 2: Insert panel connecting Capture Strips on both sides and proceed with installation of the adjacent Over Panel.

Use full height posts for new installations. For existing installations, post extensions can be used to accommodate additional height of Over Panels. Example – when installing 24" high Over Panels, use BHP 106 Post. ($82" + 24" = 106$)

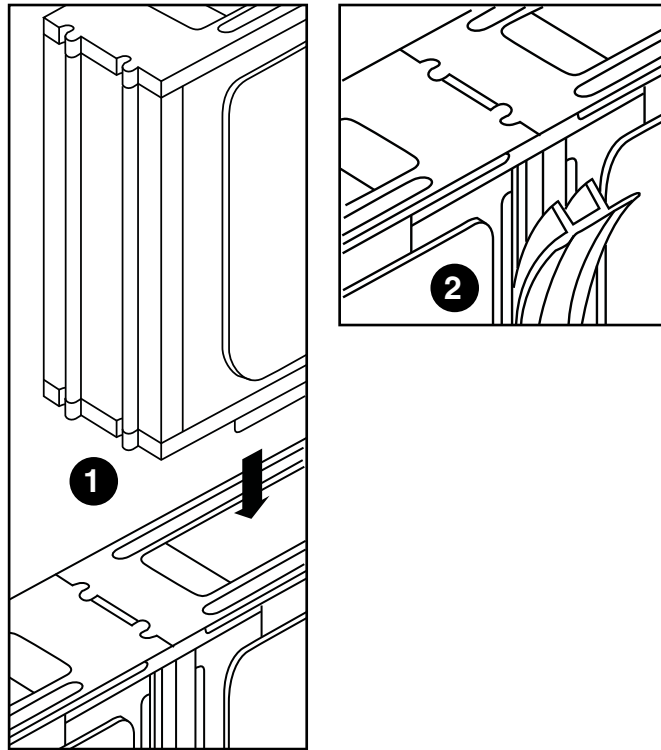
Over Panels cannot be installed on 37" high panels as the top groove is not intended to accept Over Panels.

Over Panels MUST always be captured between

- two posts • a post and a wall adapter
- a wall adapter and a higher panel
- two taller panels
- OR one of the above and a Vertical End Trim

Over Panels DO NOT have any hang on capability.

STEP 3: Upon completion of architectural elements, check entire installation to ensure all panel-to-panel connectors are in place and that they create a structurally sound division.

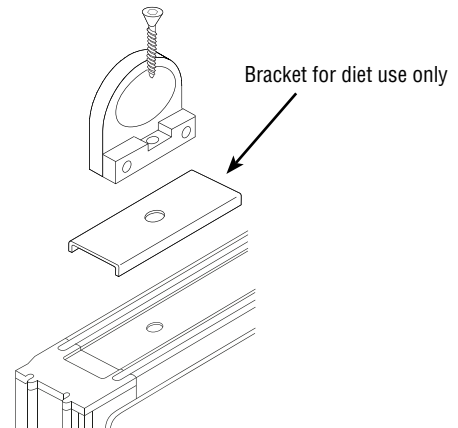
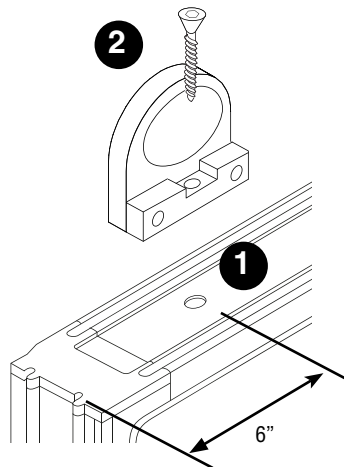


BAPAS Glass Installation

STEP 1: Drill pilot holes 6" from end of panel.

STEP 2: Drill screw clamp onto panel.

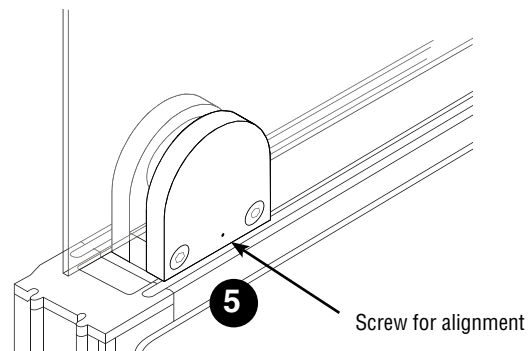
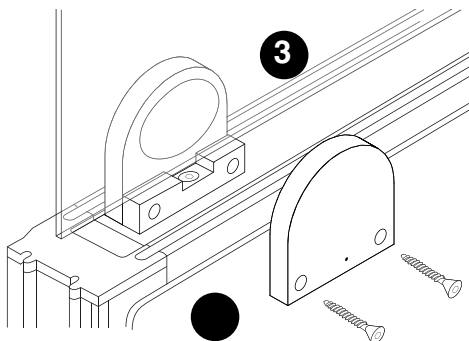
Note: for Diet use the provided bracket



STEP 3: Place Glass onto clamps

STEP 4: Screw the two clamp sides together securing the glass.

STEP 5: Use the align screw to adjust the angle of glass.



INSTALLATION GUIDELINES

BAPAS Privacy Glass

STEP 1: Open the clamps.

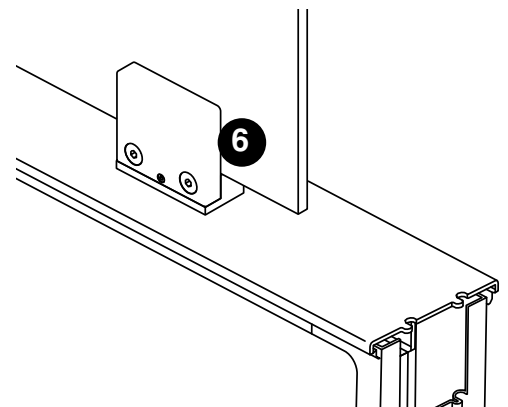
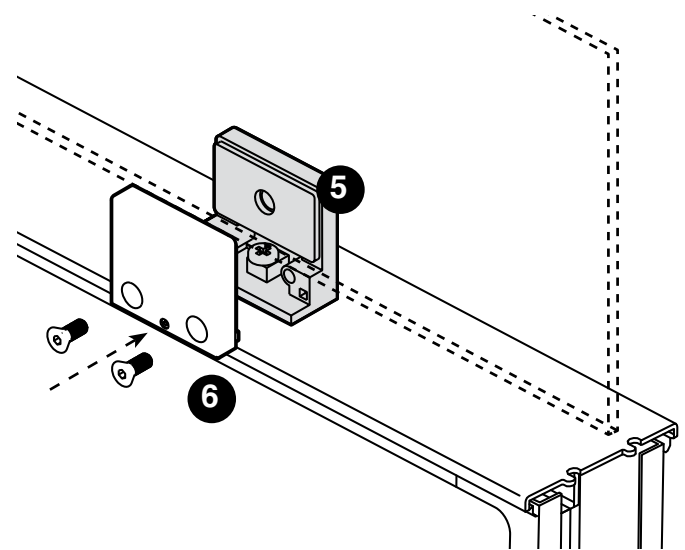
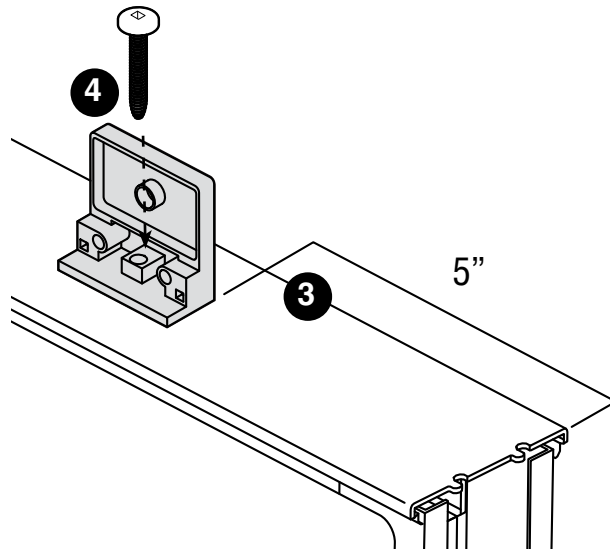
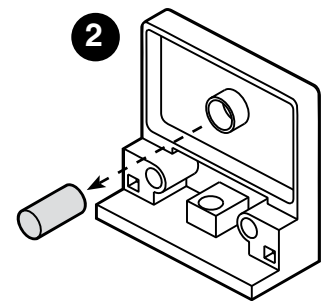
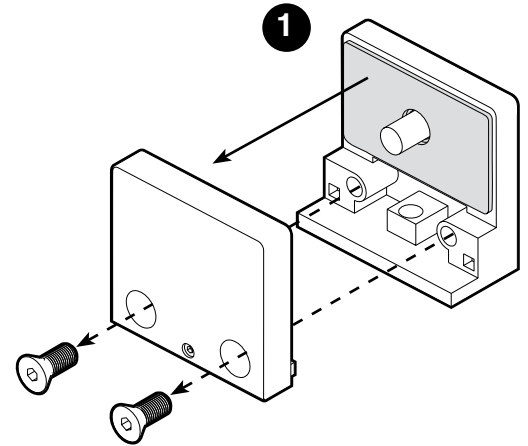
STEP 2: Remove the pin.

STEP 3: Measure 5" from the edge.

STEP 4: Drill directly into the top of the panel. (use the provided #10 2" pan head screw.)

STEP 5: Use the thicker rubber pad if two different size pads are provided in the box.

STEP 6: Leave the clamps loose, carefully slide the glass in and then tighten both clamps evenly so the glass is snug and vertical. the middle set screw will control the pitch.



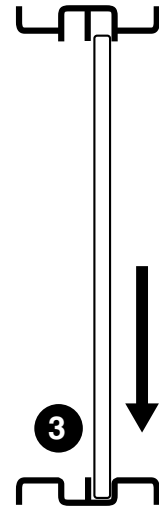
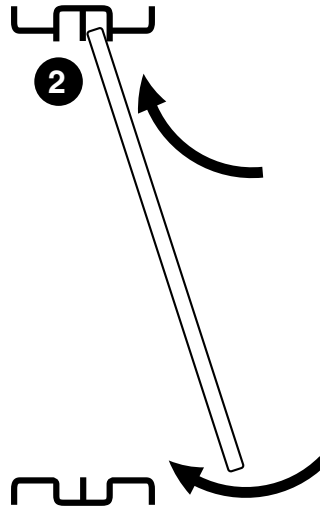
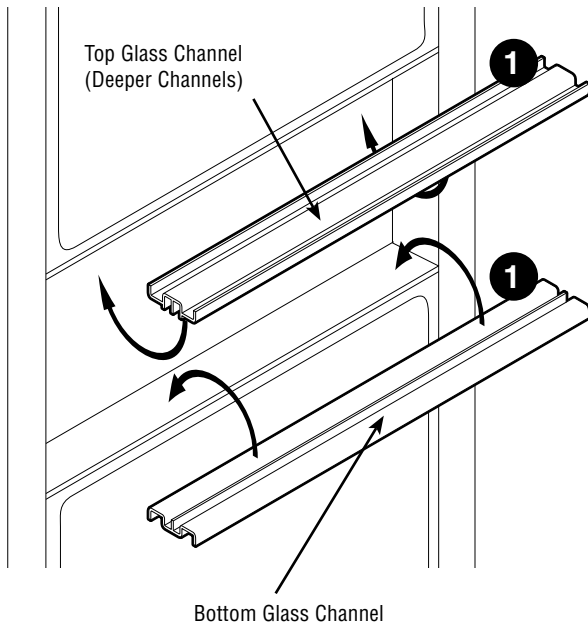
INSTALLATION GUIDELINES

Pass Through Kit

STEP 1: Ensure PVC extrusions are installed in correct location.

STEP 2: Install Glass at angle insert first in the top channel. Then swing into first bottom channel.

STEP 3: Let drop into the bottom channel and repeat on the other side.



Door Panel Installation

STEP 1: The door is ordered with either a left or a right swing. Check layout for proper placement and swing. It can be easily changed on site from one side to another. Please see the instructions below.

STEP 2: Attach door panel to an existing run as you would any other panel.

Door must be in the closed position (inside the frame) during installation.

STEP 3: Press in Capture Strip on both sides.

STEP 4: To level the door, loosen the two nuts so that they come together in the middle of the bolt.

Ensure that the door frame is spread out to maximum width at the threshold before locking.

Once the door frame is level and the door is operating properly, tighten the lower nut down over the threshold to lock it into place. Then tighten the upper bolt up against the frame, locking it into place.

There is no lateral adjustment of the threshold.

Door MUST be perfectly level and square to work properly.

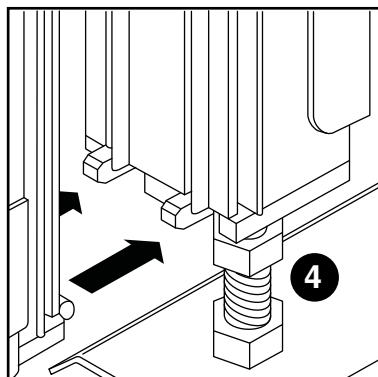
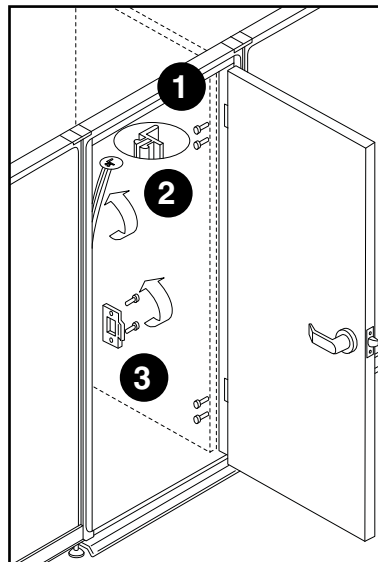
STEP 5: Install lever hardware.

STEP 6: Upon completion of door installation, check entire installation to ensure all panel to panel connectors are in place for a structurally sound wall and door unit. What to do if door is not closing properly:

STEP 1: Door MUST be perfectly level and square.

STEP 2: Ensure that the door frame is spread out to maximum width at the threshold before locking.

STEP 3: Ensure the hinges that are attached to the door are flush with the edge of the door. If this is not the case, solid doors can be turned upside down, hinges and lever can be reversed.



INSTALLATION GUIDELINES

Door Panel Installation - Changing the door swing

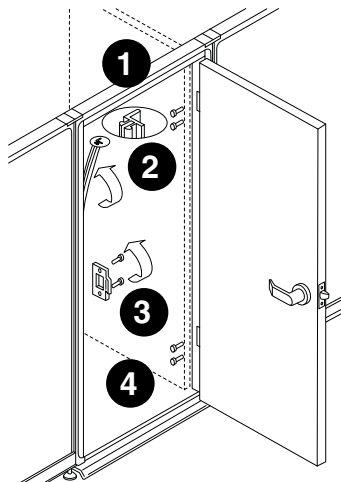
STEP 1: Remove the hinges from the door frame.

STEP 2: Pull out door stop extrusion, reverse and snap back in.

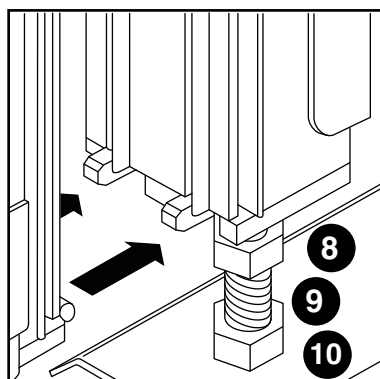
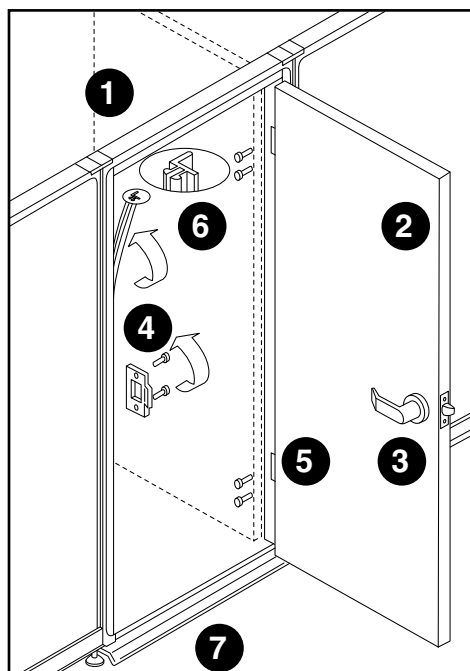
STEP 3: Remove, rotate and re-attach the striker plate.

STEP 4: Rotate door so that the top is at the bottom. Rehang door in the frame.

To change swing direction of glazed door, rotate hinges on door as well as the door lock direction.



Door Panel



BPDS & BPDH
Door Panel

REFERENCE #	PART #	DESCRIPTION	PACKAGE	QUANTITY
1	BPDF8236	Frame only for 36" wide door		1
2	BPDF8242	Frame only for 42" wide door		1
	10090236XXXX	36" wide laminate door only- no hardware	XXXX = Laminate	1
	10090242XXXX	42" wide laminate door only- no hardware	XXXX = Laminate	1
	10090136XXXX	Half glazed door only - 36" wide	XXXX = Laminate	1
	10090142XXXX	Half glazed door only - 42" wide	XXXX = Laminate	1
3	007600200	Lever Handle with key and core		1
3a	007600202	Key and core only (not numbered)		1
4	007600300	Striker Plate with hardware		1
5	007600100	Door hinge with hardware		1
6	10093033XXX	Top Door Stop Extrusion for 36" wide door	XXX = PVC colour	1
	10093039XXX	Top Door Stop Extrusion for 42" wide door	XXX = PVC colour	1
	10093080XXX	Side Door Strap Extrusion (Need two per door)	XXX = PVC colour	1
7	1009TH36CHR	36" wide Threshold		1
	1009TH42CHR	42" wide Threshold		1
8	007230004	1/4 -16" Jam Nut (Need two per door)		1
9	007280033	3/8 -4" Round slot screw (Need two per door)		1
10	007230001	3/8 -16" Hex nut (Need two per door)		1

INSTALLATION GUIDELINES

Safety Lock

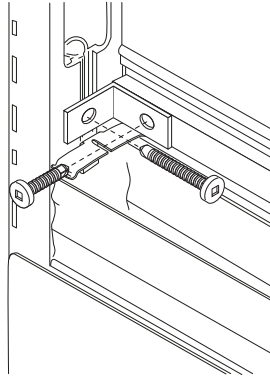
Install from the inside of a panel adjacent to a private office door on the door handle side.

STEP 1: Drive the supplied #8x1/2" self-drilling screw through the bracket into the Raceway Cover Reinforcement.

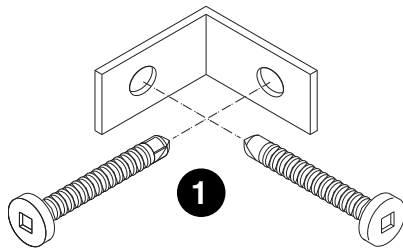
STEP 2: Proceed by driving #10x1" self-drilling through the bracket into the central groove in panel's vertical frame member.

STEP 3: Apply to both ends of the Raceway Cover.

Not for use with metal raceway covers.



Safety Lock



BHSL
Safety Lock

REFERENCE #	PART #	DESCRIPTION	QUANTITY
1	007220008	Robertson #8-18x1/2" screw	1
2	007280034	Robertson #10x1" panhead self tapping screw	1

Panel to Panel Adapter

STEP 1: Position the top bracket on the top corner of the panel which is to be connected.

STEP 2: Drive two self-drilling screws through the holes in the bracket into the panel frame.

There are non pre-drilled holes in the panel to accept the bracket.

STEP 3: Remove the leveler and thread the supplied nut onto the leveler.

STEP 4: Position the bottom bracket.

STEP 5: Re-insert the leveler with the securing nut through the bracket into the panel but do not tighten yet. Leave about 3/4" between the bracket and the bottom of the panel.

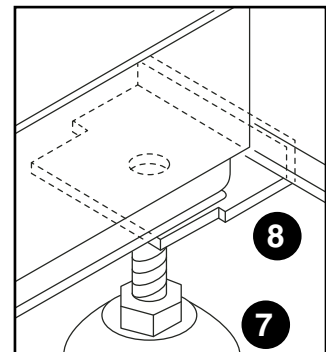
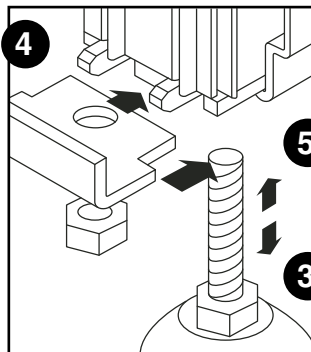
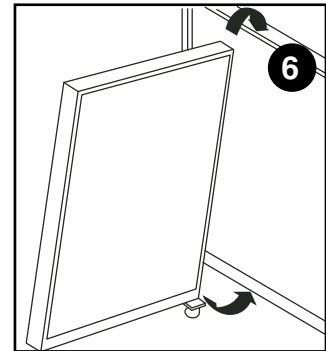
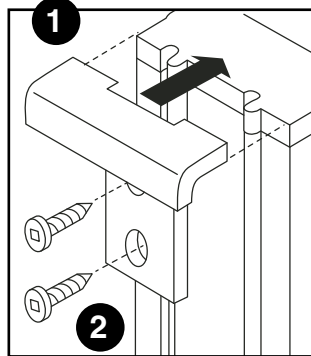
STEP 6: Engage the top bracket into the groove on top of the perpendicular panel and pivot downward.

The exact position of the panel is determined by the end of the worksurface this panel is to support. it is, therefore, advisable to position the worksurface on supporting brackets and adjust the panel's location accordingly prior to securing the bottom bracket.

STEP 7: Adjust the leveler while ensuring the top bracket is engaged.

STEP 8: Tighten the securing nut so that the bottom bracket engages between the two ribs of the bottom panel kick plate.

The application of the securing nut depends on the evenness of the floor level on your job site. If the two perpendicular panels you intend to attach are at their lowest position, you may use the leveler itself (without the securing nut) to lock the bottom bracket into the kick plate of the adjacent panel.



BHPA

Panel to Panel Adapter (Off Module Panel Connector)

INSTALLATION GUIDELINES

Privacy Screen

The Privacy Screen provides enclosure and semi-privacy to a station.

Privacy Screen can be mounted “on module” only onto 36” and 42” wide panels, minimum height of 66”.

STEP 1: Determine the top and bottom of the Privacy Screen. The brackets with three teeth go at the top, while the brackets with two teeth go at the bottom.

STEP 2: Determine if the Privacy Screen is a left or a right. The direction of the slide determines this. The Privacy Screen is mounted to the panel directly beside the opening, OPPOSITE to the direction of the slide.

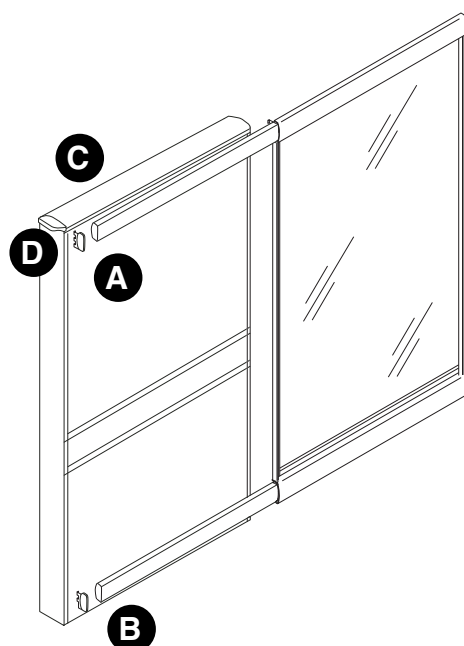
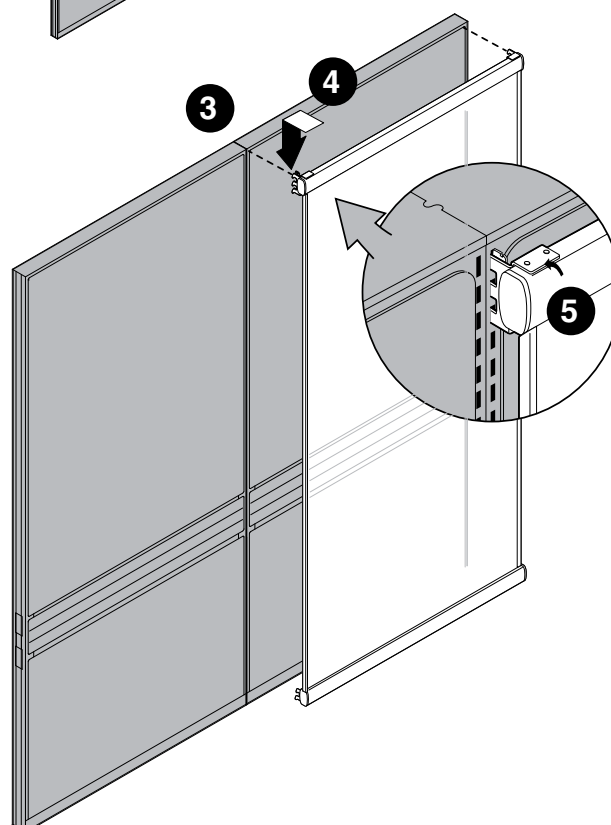
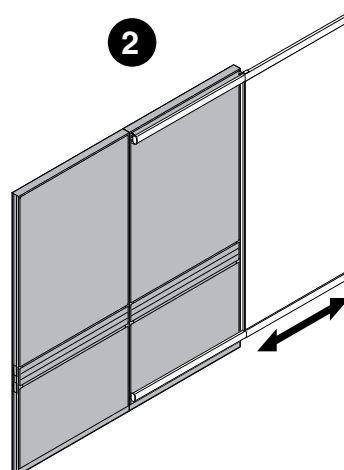
STEP 3: Ensuring the door is level, insert the upper teeth into the panel at the appropriate height. (Uppermost slot on 66” high panels.)

STEP 4: Ensuring all four bracket positions are lined up to their intended slots, push the brackets in and down.

Be careful, the sliding door can easily move on its Screen Slides.

STEP 5: Push the rotating clips on all four brackets into the panel slots. The clips prevent dislodgment of the brackets.

STEP 6: Upon completion, ensure the door operates properly across the full length of the Screen Slide.



BPDSL
Privacy Screen

REFERENCE #	PART #	DESCRIPTION	PACKAGE	QUANTITY
A1*	00464TDTMBR-A	Top Mounting Bracket R		1
A2*	00464TDTMBL-A	Top Mounting Bracket L		1
B2	00464TDBMBR-A	Bottom Mounting Bracket R		1
B2	00464TDBMBL-A	Bottom Mounting Bracket L		1
C	010200001	Bracket Retaining Clip		4
D	B02-0055	Elliptical End Cap		
	BPDSLBRKT	Top and Bottom Mounting Bracket Kit		

INSTALLATION GUIDELINES

Privacy Screen Lock Assembly Kit

In order to install the Striker Plate Bracket, make sure that the Privacy Screen is securely connected to leveled panels and that all anti-dislodgment plates on each screen slide-hanging bracket are engaged in panel slots.

STEP 1: Align the bottom of the striker Plate Bracket bottom tooth with the bottom of the slot in panel's vertical extrusion, approximately 35" above floor level.

STEP 2: Mark the bottom and top of the bracket on the soft, slot-covering part of the Panel Capture Strip and cut the soft part of the capture strip away.

STEP 3: Engage both teeth into the panel slots and tap lightly until the bottom of both teeth is resting on the bottom edge of both panel slots.

STEP 4: Push the rotating clip into the panel slot. The clip prevents dislodgment of the bracket.

STEP 6: Align the Lock Bracket with the Striker Plate Bracket. Hold the Lock Bracket against the Sliding Screen.

NOTE: The Lock Bracket assembly must be flush with the inner (acrylic) side of the screen.

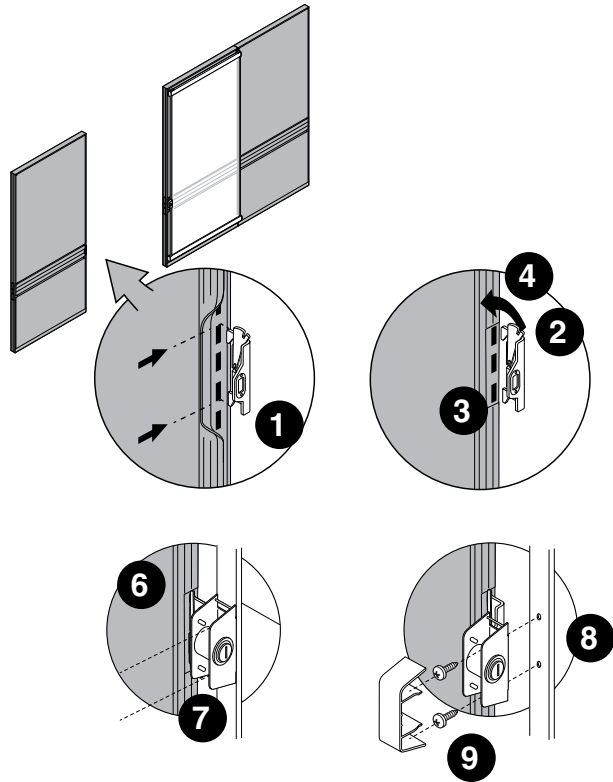
STEP 7: Mark location of both holes.

NOTE: Before you drill, ensure that the marks are closer to the inside acrylic side of the Privacy screen.

STEP 8: Drill 1/8" pilot holes. Do not push on the drill. While drilling, be careful not to force any Aluminum shavings into the interior of the acrylic flutes as they may become visible.

STEP 9: Secure the Lock Bracket with supplied screws (#8-1/2").

STEP 10: Test the Lock function and snap in plastic Lock Assembly Cover.



INSTALLATION GUIDELINES

Vertical End Trim

Panel PVC/Metal Trim consists of the following components:

A Vertical End PVC/Metal Trim with a pair of Capture Strips

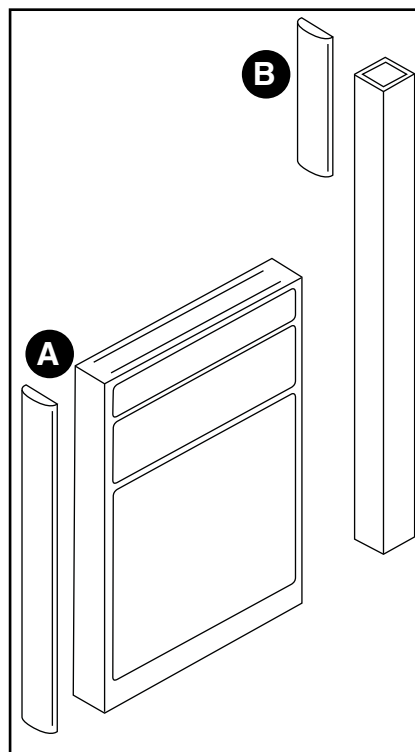
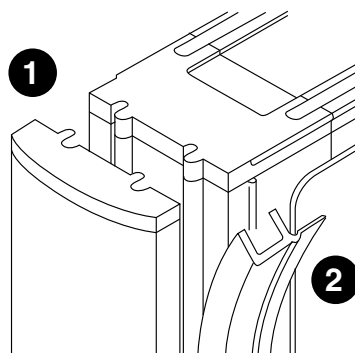
B Vertical Step Down PVC/Metal Trim with a pair of Capture Strips

Identify components, determine their location in accordance with your plans and proceed with installation.

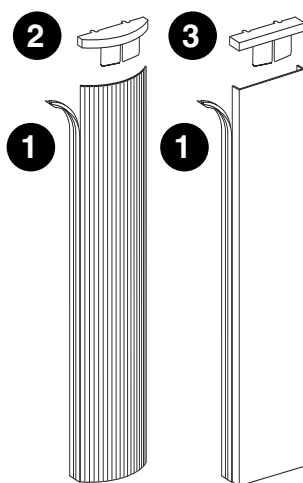
STEP 1: Align top edge of the trims cap with the top of the panel.

STEP 2: Hold trim up against panel and use the Capture Strip with one slot covering flap to attach the two.

Follow the same procedure to install both trims A and B.



Vertical End Trim Parts



REFERENCE #	PART #	DESCRIPTION	QUANTITY
1	BHCS	Capture Strip	2
2	010010007XXX	PVC Vertical End Trim Top Cap	1
3	010010005XXX	PVC End Trim Top Cap for Aluminum Trim	1

INSTALLATION GUIDELINES

Electrical Layout

STEP 1: Determine location of power entry into panel run (through a post, or a 6" electrical panel).

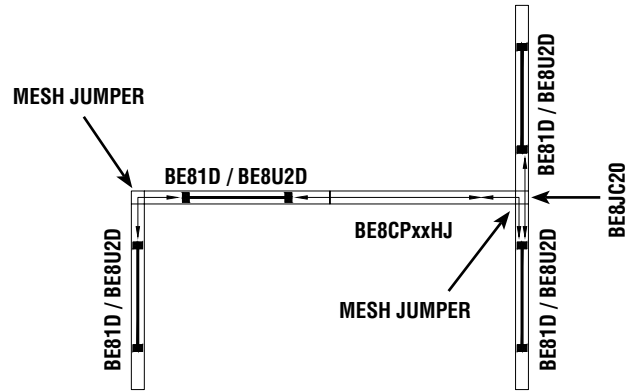
- A Use BE8CF to bring power from the ceiling to raceway.
- B Use BE81BF to bring power from the floor/wall/column to raceway.
- C Use BE81BF601 or 02 (single or double 6" electrical panel base feed) to bring power through a 6" electrical panel if no post is available.

STEP 2: Location of power distribution housing.

- BE8U2D power distribution housings are always placed in the middle of the panel. They will accept duplex receptacles from either side of the panel.
- Face mount power distribution housing are not available for panels less than 24" wide.

STEP 3: Use BE8D1 / 2 / 3 / A duplexes as required to go into power distribution housings.

STEP 4: Standard pass-thru cables should be used.



INSTALLATION GUIDELINES

Ceiling Feed

STEP 1: Remove post top cap.

STEP 2: Identify proper length of Post Extension (BEPE).

Cut to desired length (if necessary). Ensure that Post Extension will protrude 6" above ceiling tile.

STEP 3: Locate Post Extension over selected Post. Use a level to position Post Extension accurately and trace outline on ceiling tile.

STEP 4: Cut out traced hole in ceiling tile and re-position the tile in place to ensure proper alignment. Set aside.

STEP 5: Insert Post Extension pins into Post.

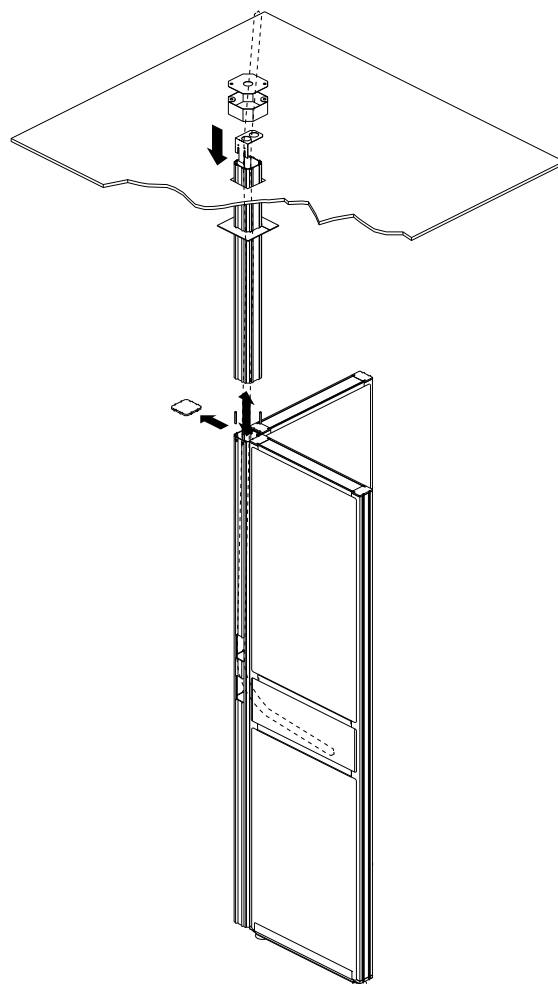
STEP 6: Align Post Extension with the pins in the Post. Gently tap the top of the Post Extension until it is joined with the Post.

STEP 7: Thread the ceiling feed harness BE8CF down through Post Extension and into panel raceway.

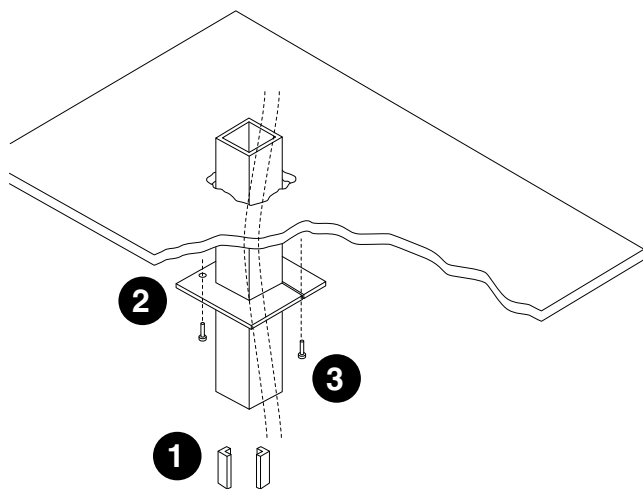
STEP 8: Engage the junction box bracket into the Post Extension. Tighten the set screw.

STEP 9: Place supplied bezel around Post Extension and fasten to ceiling tile with supplied screws.

Note: There must be only one power feed entry into each cluster of harnesses. Connection to the building power supply must be done only by a licenced electrician and in accordance with applicable codes and regulations. Do not connect or disconnect components while the system is under load! Disconnect the main power before servicing or reconfiguration.



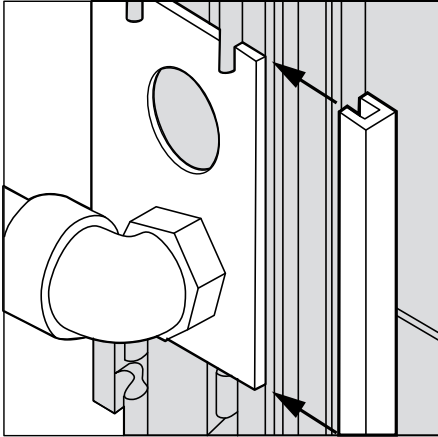
Post Extension Ceiling Feed Kit



REFERENCE #	PART #	DESCRIPTION	PACKAGE	QUANTITY
1	10110002XXX	Post Extension Pins	XXX = Frame Colour	2
2	010010004	Post Extension Ceiling Bezel (white only)		1
3	007280002	Post Extension Bezel Screw Quadrex #10 by 3/4" Self Tap		2

INSTALLATION GUIDELINES

Base Feed Plate



REFERENCE #	PART #	DESCRIPTION	QUANTITY
1	BFKPLATE	Base Feed Plate for Standard Base Feed	1

Base Feed Plate

STEP 1: Remove the cover at the base of a post by pressing tabs A and B towards each other with a screwdriver.

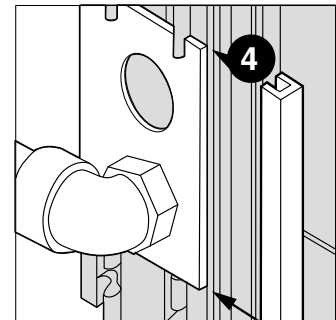
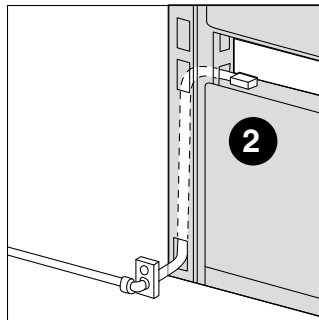
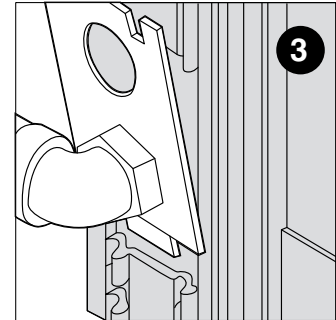
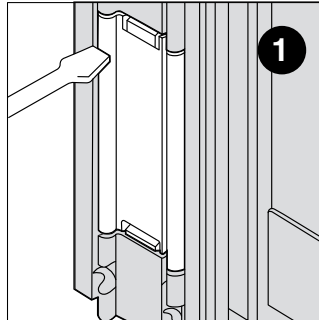
STEP 2: Thread the flexible conduit up through post and into raceway.

STEP 3: Secure cover plate of base feed kit to exterior of post base, ensuring that the elbows are oriented correctly and properly tightened. Insert bottom of plate into post base opening A and pivot upward B.

STEP 4: Snap on two panel connector "Capture Strips" along vertical edges to hold plate in place.

Note: There must be only one power feed entry into each cluster of harnesses. Connection to the building power supply must be done only by a licenced electrician and in accordance with applicable codes and regulations. Do not connect or disconnect components while the system is under load! Disconnect the main power before servicing or reconfiguration.

Note: Base feed prior to December 2002.



INSTALLATION GUIDELINES

Base Feed Plate

After panel installation is complete, all panels levelled and structurally interconnected, locate corner post closest to building power supply.

To install base feed kit:

STEP 1: Remove the cover at the base of the post by pressing tabs A and B against each other with a screwdriver.

STEP 2: Thread the flexible conduit up through post and into raceway.

STEP 3: Secure the plate of base kit feed to exterior of post base; Snap on two panel connector "capture strips" along vertical edges to hold plate in place.

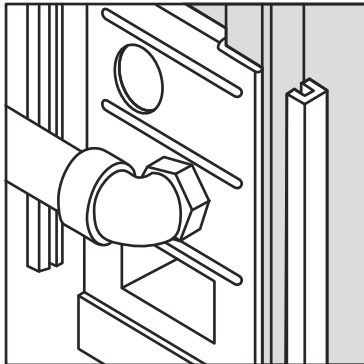
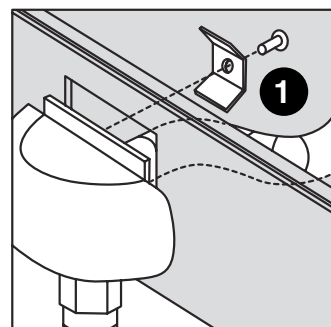
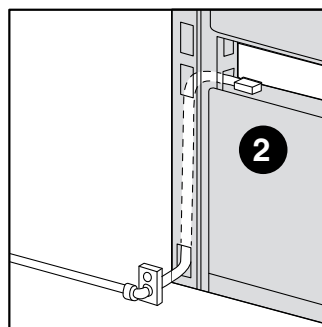
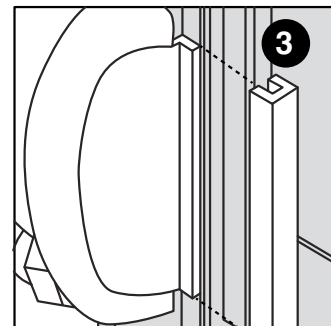
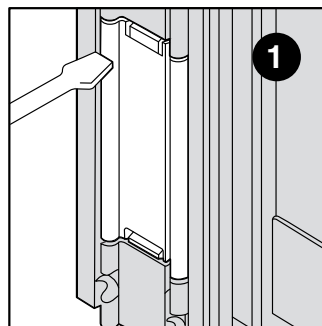
To install raceway facemount feed kit:

STEP 1: Install the flexible conduit through raceway. Secure the plate of base kit feed to exterior of raceway, connect bracket with screw to hold plate in place.

There must be only one power feed entry into a cluster of harnesses.

Note: There must be only one power feed entry into each cluster of harnesses. Connection to the building power supply must be done only by a licenced electrician and in accordance with applicable codes and regulations. Do not connect or disconnect components while the system is under load! Disconnect the main power before servicing or reconfiguration.

Note: Basefeed effective December 2002



REFERENCE #	PART #	DESCRIPTION	QUANTITY
1	BFKPLATE	Base Feed Plate for Standard Base Feed	1

INSTALLATION GUIDELINES

Base Feed Plate

The bottom section of the panel has fabric on one side and a removable, upholstered cover on the opposite side. Position the panel so that the cover will face your floor monument.

After panel installation is complete, all panels leveled and structurally interconnected, proceed with the installation of the 6" Panel Base Feed according to your plans.

STEP 1: Inserting a screwdriver between the cover and the panel's channel will disengage a lock and allow you to slide the cover upward.

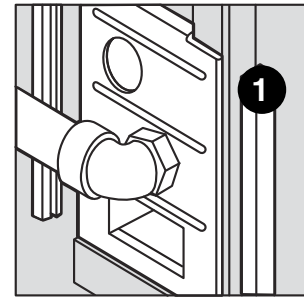
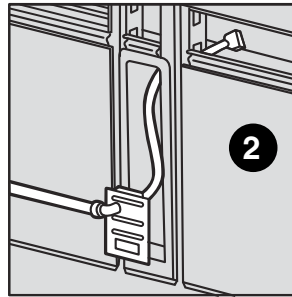
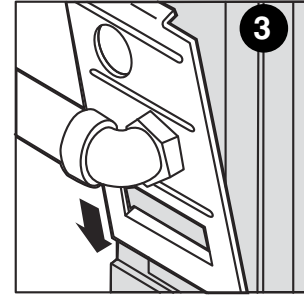
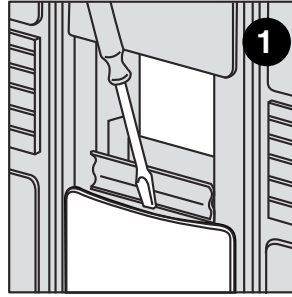
STEP 2: Position the flexible conduit within the panel's cavity, thread connector into the raceway and further into the adjacent panel.

STEP 3: Insert the base/strain relief between the panel's bottom horizontal frame extrusion and the kick plate.

STEP 4: Secure the base cover/strain relief by snapping two supplied PVC Capture Strips along its vertical edges.

STEP 5: Slide the upholstered cover down and push to lock into position.

Note: There must be only one power feed entry into each cluster of harnesses. Connection to the building power supply must be done only by a licenced electrician and in accordance with applicable codes and regulations. Do not connect or disconnect components while the system is under load! Disconnect the main power before servicing or reconfiguration.



INSTALLATION GUIDELINES

2008 Electrical Connection to the Power Supply

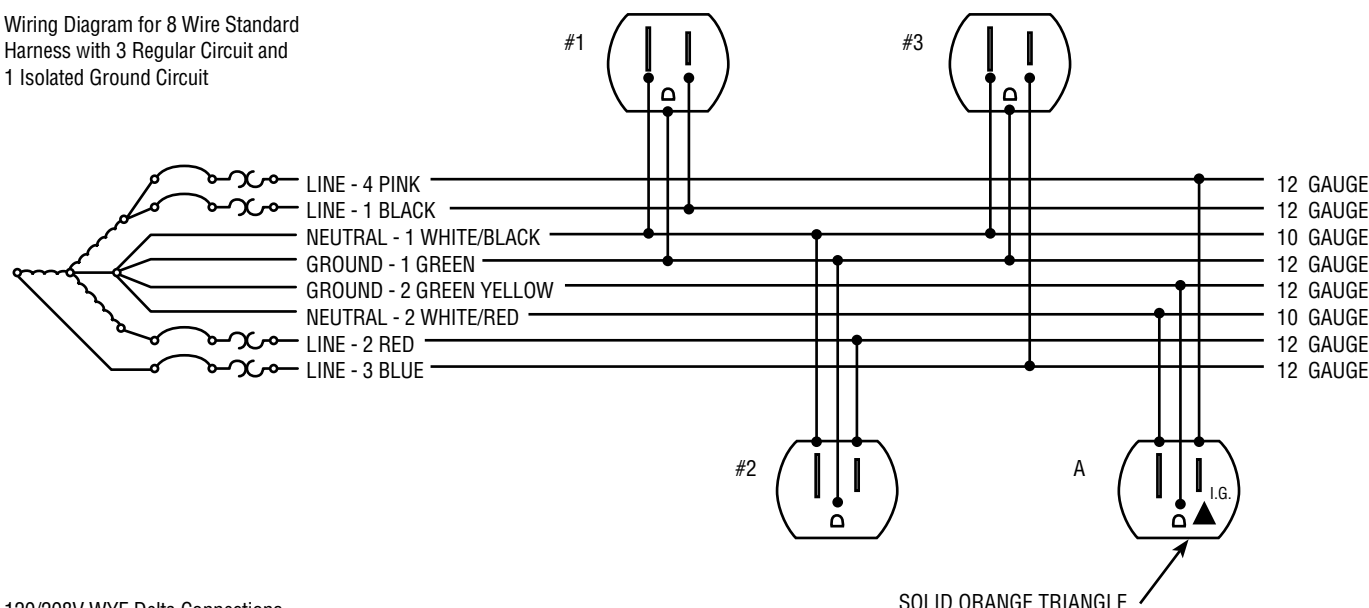
Once you have all the electrical components in the panels, it is recommended that you check the entire installation against the electrical plans, ensuring that all components are at specified locations and are mechanically interconnected.

Note: Always determine that the harness is electrically connected to only one power supply.

It is recommended that installation of the electrical harness be made under the supervision of a licensed electrician in accordance with applicable codes and regulations.

All types of Power Feeds (BE81BF, BE8CF120-1, BE8CF120-2, BE8CF144-1, BE8CF144-2) are ready to be hard-wired to the building power supply. The wires are color-coded as shown in the chart.

Wiring Diagram for 8 Wire Standard Harness with 3 Regular Circuit and 1 Isolated Ground Circuit



120/208V WYE Delta Connections and other Receptacle Configurations are available upon request.

8 Wires

4 Lines (12ga)
2 Neutrals (10ga)
2 Grounds (12ga)

4 Circuits

3 Utility circuits
1 isolated circuit

Receptacles

Simplex - transient voltage surge suppressed
Duplex - Up to 6 duplex receptacles per circuit

Specifications

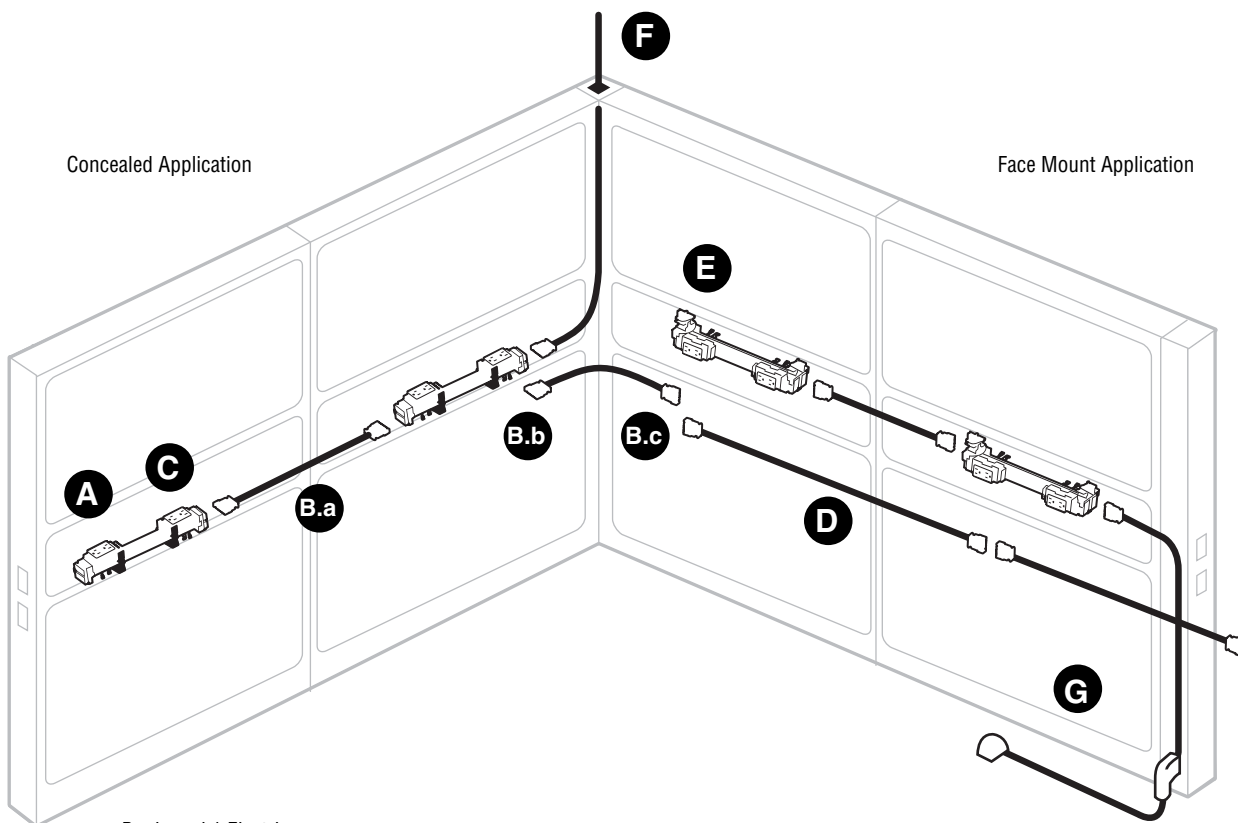
120 VAC system rated at 20A (15 CSA)

INSTALLATION GUIDELINES

2008 Electrical System Installation

Many components make up a configuration. This page provides an exploded view of a sample configuration highlighting each electrical component required when specifying this configuration.

- A: BE81Dxx Power Distribution Housing - Concealed
- B: BE8JCxx Jumper Cable
 - (B.a) BE8JC16 connects two powered panels positioned side by side.
 - (B.b) BE8JM19 connects two powered panels separated by a post in a 90o configuration
 - (B.c) BE8JM19 in combination with one or two BE8CPxxHJ Housing-to-Jumper Pass-Thru Cables, connects two powered panels separated by a post in a 90o configuration and one or more Pass-Thru panels.
- D: BE8CPxxHJ Housing-to-Jumper
- E: BE82Dxx Power Distribution Housing - Face Mount
- F: BE8CFxx-1 Ceiling Feed - Single
- G: BE81BFxx-1 Base Feed - Single



Boulevard 1 Electrics

INSTALLATION GUIDELINES

Jumper and Power Distribution Housing - Concealed Desk Height

BE81Dxx Desk Height Concealed Power Distribution Housing Kit
BE8D1/BE8D2/BE8D3/BE8DA
BE8JCxx Jumper

The Power Distribution Housing-Concealed Desk Height assembly is mechanically attached in the mid-panel power channel of a Boulevard panel. It serves to provide a point of attachment and electrical connection for duplex receptacles, flexible jumper, pass-thru cables and power entry components.

Ensure that panels are mechanically connected prior to electrical connection.

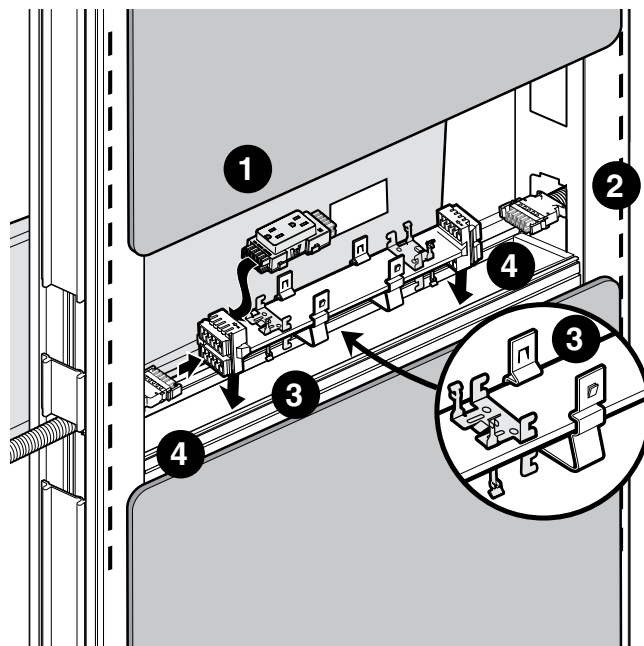
Follow specifications and locate Boulevard 1 panels that are to accept Power Distribution Housing.

STEP 1: Insert appropriate Duplex Receptacles into the Power Distribution Housing.

STEP 2: Position the Jumper Cables and the Pass-Thru Cables between the Power Distribution Housings. Orient the connectors and plug them together. Be sure the parts are fully seated and latched to ensure proper electrical connection and mechanical security.

STEP 3: Concealed Desk Height installation requires 2 spring clips per Power Distribution Housing assembly. Install clips onto the assembly as shown.

STEP 4: Snap the Power Distribution Housing into the power channel. Ensure that the spring clips are engaged with the grooves of the power channel.



Jumper and Power Distribution Housing - Face mount Desk Height

BE82Dxx Power Distribution Housing Kit
BE8D1-41G Duplex
BE8JC16 Jumper

The Power Distribution Housing - Face Mount Desk Height assembly is mechanically attached in the mid-panel power channel of a Boulevard and Boulevard 2 panel. It serves to provide a point of attachment and electrical connection for duplex receptacles, flexible jumper, pass-thru cables and power entry components.

Ensure that all panels are mechanically connected prior to electrical connection.

Follow specifications and locate Boulevard or Boulevard 2 panels that are to accept Face Mount Power Distribution Housings.

STEP 1: Insert appropriate Duplex Receptacles into the Power Distribution Housing.

STEP 2: Open both raceway covers.

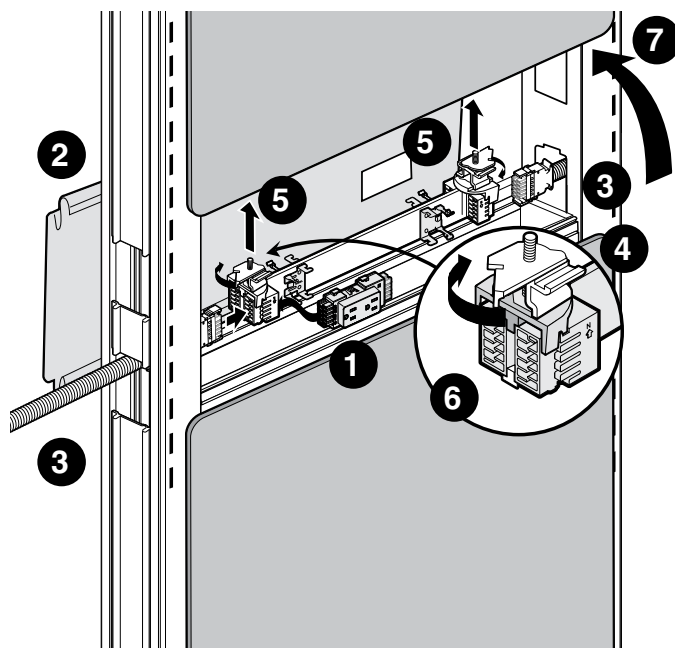
STEP 3: Position the Jumper Cables and the Pass-Thru Cables between the Power Distribution Housings. Orient the connectors and plug them together. Be sure the parts are fully seated and latched to ensure proper electrical connection and mechanical security.

STEP 4: Installation of Power Distribution Housing in a Boulevard 1 or Boulevard 2 Face Mount application requires Power Distribution Housings with elevated cam lock assemblies as illustrated.

STEP 5: Mechanically attach the Power Distribution Housing to the top member of the panel's raceway channel. To do this, align the elevated cam locks as illustrated and position the Power Distribution Housing in the shallow channel of the panel's horizontal frame member. Threaded pins will fit into oblong holes, thereby locating the housing in the raceway opening.

STEP 6: Mechanically secure the Distribution Housing to the panel's raceway channel by rotating both cam locks.

STEP 7: Close the raceway covers.



INSTALLATION GUIDELINES

Duplex Receptacle

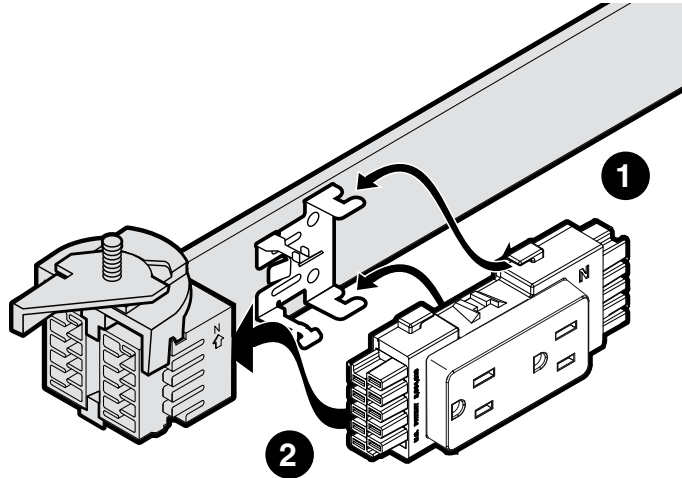
BE8D1/BE8D2/BE8D3/BE8DA Duplex Receptacle

After cables, jumpers, power feeds and power distribution housings are connected and installed in the panels. Install duplex recepticals at specified locations (do not connect power feed to building power supply yet).

Note: It is important to follow your electrical plans exactly since these were created based on maximum current capacity of each circuit. Each circuit is rated at 15 amps in Canada (20 amps in USA). Maximum Duplex Receptacles per circut is 6. Failure to do so may overload the circuit, thus causing electrical issues, electrical shock or even a risk of fire.

STEP 1: Position the receptacle into the mounting bracket on the Power Distribution Housing. There is an arrow and letter "N" to indicate which way is up.

STEP 2: Slide it towards the assembly connectors. Be sure the parts are fully seated to assure proper electrical connection and the spring clips are properly engaged for mechanical security.



INSTALLATION GUIDELINES

2008 Conversion Chart

Power Distribution Housing - Concealed Desk Height

ITEM DESCRIPTION	CATALOG #	A	+	B
Blvd power distribution housing for 24" panel	BE81D24	DE252121-B24		BE81-CDH
Blvd power distribution housing for 30" panel	BE81D30	DE252111-B30		BE81-CDH
Blvd power distribution housing for 36" panel	BE81D36	DE252112-B36		BE81-CDH
Blvd power distribution housing for 42" panel	BE81D42	DE252113-B42		BE81-CDH
Blvd power distribution housing for 48" panel	BE81D48	DE252114-B48		BE81-CDH
Blvd power distribution housing for 54" panel	BE81D54	DE252115-B54		BE81-CDH
Blvd power distribution housing for 60" panel	BE81D60	DE252116-B60		BE81-CDH
Blvd power distribution housing for 72" panel	BE81D72	DE252116-B72		BE81-CDH

BE81CDH includes 2 pcs MPA15-E405 spring metal clip (see attached drawing)

Power Distribution Housing - Facemount Desk Height

ITEM DESCRIPTION	CATALOG #	A	+	B
Blvd power distribution housing for 24" panel - facemount	BE82D24	DE252121-B24		BE82-FDH
Blvd power distribution housing for 30" panel - facemount	BE82D30	DE252111-B30		BE82-FDH
Blvd power distribution housing for 36" panel - facemount	BE82D36	DE252112-B36		BE82-FDH
Blvd power distribution housing for 42" panel - facemount	BE82D42	DE252113-B42		BE82-FDH
Blvd power distribution housing for 48" panel - facemount	BE82D48	DE252114-B48		BE82-FDH
Blvd power distribution housing for 54" panel - facemount	BE82D54	DE252115-B54		BE82-FDH
Blvd power distribution housing for 60" panel - facemount	BE82D60	DE252116-B60		BE82-FDH
Blvd power distribution housing for 72" panel - facemount	BE82D72	DE252116-B72		BE82-FDH

BE82-FDH includes 2 pcs MPA25-E054, MPA25-E055, MPA25-E056, FS1/4-20-4HB, FW1/4 and AEA23-BE82 (see attached drawing)

Power Distribution Housing - Facemount Floor

ITEM DESCRIPTION	CATALOG #	A	+	B
Blvd power distribution housing for 24" panel	BE83D24	DE252121-B24		BE83-FF
Blvd power distribution housing for 30" panel	BE83D30	DE252111-B30		BE83-FF
Blvd power distribution housing for 36" panel	BE83D36	DE252112-B36		BE83-FF
Blvd power distribution housing for 42" panel	BE83D42	DE252113-B42		BE83-FF
Blvd power distribution housing for 48" panel	BE83D48	DE252114-B48		BE83-FF
Blvd power distribution housing for 54" panel	BE83D54	DE252115-B54		BE83-FF
Blvd power distribution housing for 60" panel	BE83D60	DE252116-B60		BE83-FF
Blvd power distribution housing for 72" panel	BE83D72	DE252116-B72		BE83-FF

BE83-FF includes 2 pcs MPA25-E054, MPA25-E055, MPA25-E056, FS1/4-20-4HB, FW1/4 and AEA23-BE82 (see attached drawing)

Power Distribution Housing - Facemount Tile (above desk)

ITEM DESCRIPTION	CATALOG #	A	+	B
Blvd power distribution housing for 24" panel	BE83FM1	DE252121-B24		BE83FT

BE83FT includes 1 pcs MPA15-E406 and 2 pcs MPA25-E056, FS1/4-20-4HB and FS1-4X1_THUMB-SCREW (see attached drawing)

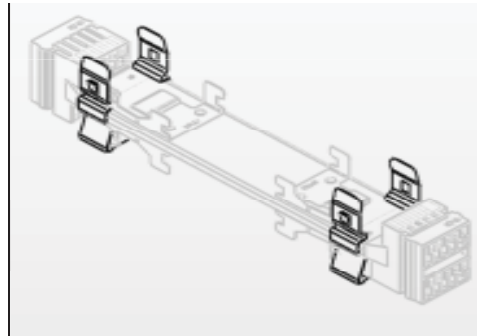
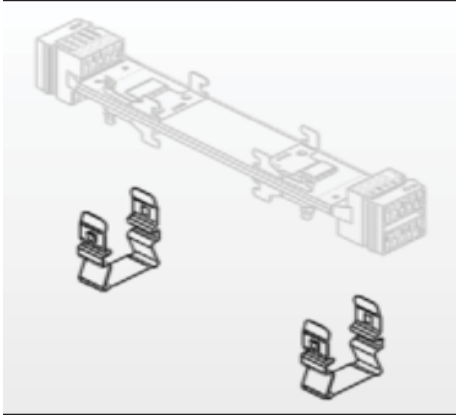
INSTALLATION GUIDELINES

Electrical Conversion Chart

Power Distribution Housing - Concealed Desk Height

ITEM DESCRIPTION	CATALOGUE #	A	B
BLVD POWER DISTRIBUTION HOUSING FOR 24" PANEL	BE81D24	DE252121-B24	
BLVD POWER DISTRIBUTION HOUSING FOR 30" PANEL	BE81D30	DE252121-B30	
BLVD POWER DISTRIBUTION HOUSING FOR 36" PANEL	BE81D36	DE252121-B36	
BLVD POWER DISTRIBUTION HOUSING FOR 42" PANEL	BE81D42	DE252121-B42	+ BE81-CDH
BLVD POWER DISTRIBUTION HOUSING FOR 48" PANEL	BE81D48	DE252121-B48	
BLVD POWER DISTRIBUTION HOUSING FOR 54" PANEL	BE81D54	DE252121-B54	
BLVD POWER DISTRIBUTION HOUSING FOR 60" PANEL	BE81D60	DE252121-B60	
BLVD POWER DISTRIBUTION HOUSING FOR 72" PANEL	BE81D72	DE252121-B72	

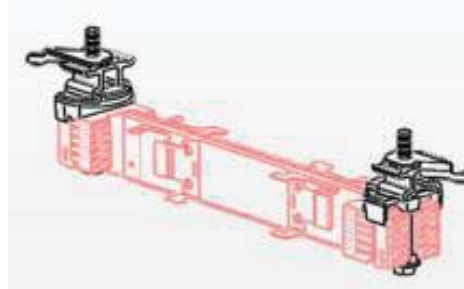
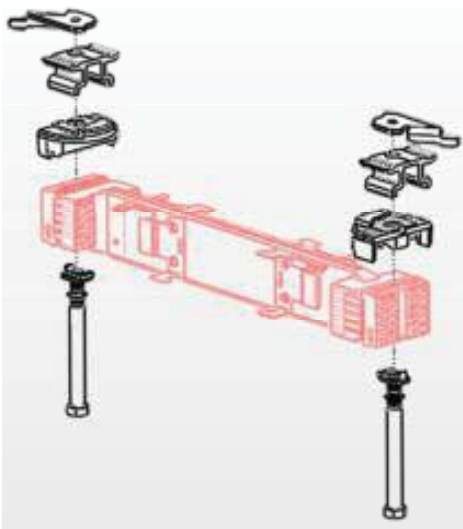
BE81-CDH includes 2 pcs MPA15-E405 spring metal clip (see attached drawing)



Power Distribution Housing - Facemount Desk Height

ITEM DESCRIPTION	CATALOGUE #	A	C
BLVD POWER DISTRIBUTION HOUSING FOR 24" PANEL - FACEMOUNT	BE82D24	DE252121-B24	
BLVD POWER DISTRIBUTION HOUSING FOR 30" PANEL - FACEMOUNT	BE82D30	DE252121-B30	
BLVD POWER DISTRIBUTION HOUSING FOR 36" PANEL - FACEMOUNT	BE82D36	DE252121-B36	
BLVD POWER DISTRIBUTION HOUSING FOR 42" PANEL - FACEMOUNT	BE82D42	DE252121-B42	+ BE82-FDH
BLVD POWER DISTRIBUTION HOUSING FOR 48" PANEL - FACEMOUNT	BE82D48	DE252121-B48	
BLVD POWER DISTRIBUTION HOUSING FOR 54" PANEL - FACEMOUNT	BE82D54	DE252121-B54	
BLVD POWER DISTRIBUTION HOUSING FOR 60" PANEL - FACEMOUNT	BE82D60	DE252121-B60	
BLVD POWER DISTRIBUTION HOUSING FOR 72" PANEL - FACEMOUNT	BE82D72	DE252121-B72	

BE82-FDH includes 2 pcs MPA25-E054, MPA25-E055, MPA25-E056, FS1/4-20-4HB, FW1/4 and AEA23-BE82 (see attached drawing)



INSTALLATION GUIDELINES

Electrical Conversion Chart

Power Distribution Housing - Facemount Floor

ITEM DESCRIPTION

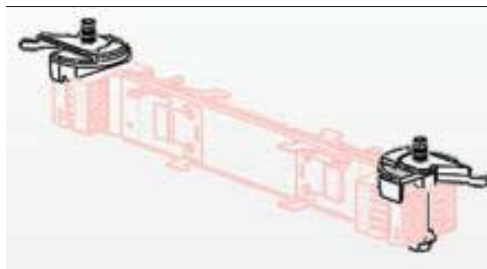
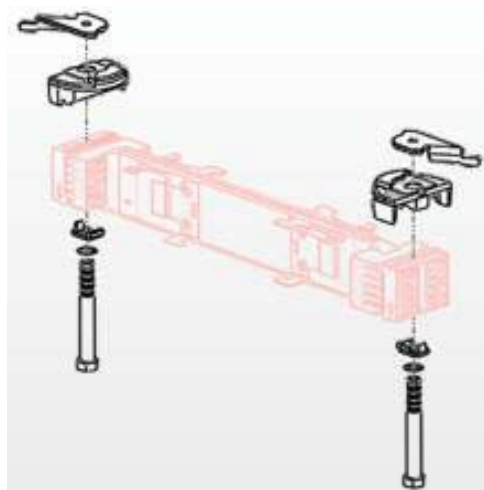
CATALOGUE

A

D

BLVD POWER DISTRIBUTION HOUSING FOR 24" PANEL	BE83D24	DE252121-B24	
BLVD POWER DISTRIBUTION HOUSING FOR 30" PANEL	BE83D30	DE252111-B30	
BLVD POWER DISTRIBUTION HOUSING FOR 36" PANEL	BE83D36	DE252112-B36	
BLVD POWER DISTRIBUTION HOUSING FOR 42" PANEL	BE83D42	DE252113-B42	+ BE83-FF
BLVD POWER DISTRIBUTION HOUSING FOR 48" PANEL	BE83D48	DE252114-B48	
BLVD POWER DISTRIBUTION HOUSING FOR 54" PANEL	BE83D54	DE252115-B54	
BLVD POWER DISTRIBUTION HOUSING FOR 60" PANEL	BE83D60	DE252116-B60	
BLVD POWER DISTRIBUTION HOUSING FOR 72" PANEL	BE83D72	DE252116-B72	

BE83-FF includes 2 pcs MPA25-E054, MPA25-E056, FS1/4-20-4HB and FW1/4 (see attached drawing).



Power Distribution Housing - Facemount Tile (above desk)

ITEM DESCRIPTION

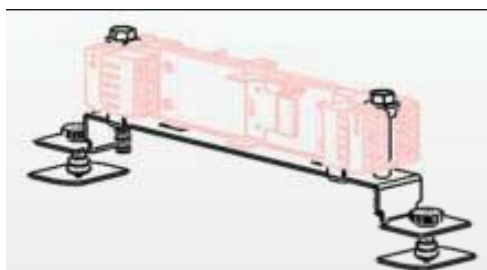
CATALOGUE

A

E

BLVD POWER DISTRIBUTION HOUSING FOR 24" PANEL	BE83FM1	DE252121-B24	+ BE83FT
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BE83FT includes 1 pc MPA15-E406 and 2 PCS MPN09, MPA25-E056, FS1/4-20-4HB and FS1-4X1_THUMB-SCREW (see attached drawing).



INSTALLATION GUIDELINES

Electrical Conversion Chart

VENDOR	PRODUCT CODE	FACEMOUNT	BECC01	DESCRIPTION	OPENING SIZE
AMP Flexmode®	1116563-1			Toolless Faceplate, Accepts up to 4 Toolless jacks	2.66"–2.75" x 1.34"–1.40"
	1116580-1	No	Yes	Universal Wiring, 4-Port Cat5e includes Mod-Jack & printed circuit board	2.66"–2.75" x 1.34"–1.40"
	556679-1			Single Port Faceplate Kit Includes bezel and Faceplate	2.703" x 1.375"
	558106-1	No	Yes	Flex-Mode Flush 110Connect Faceplate - 2 Port	2.66"–2.75" x 1.34"–1.40"
	558107-1	No	Yes	Flex-Mode Flush 110Connect Faceplate - 3 Port	2.66"–2.75" x 1.34"–1.40"
	558248-1	No	Yes	T568B wiring - 4-Port Cat5 includes Mod-Jack & printed circuit board	2.66"–2.75" x 1.34"–1.40"
	558249-1	No	Yes	T568A wiring - 4-Port Cat5 includes Mod-Jack & printed circuit board	2.66"–2.75" x 1.34"–1.40"
AVAYA (Lucent® Technologies)	M13C-003	No	Yes	M-Series, Triplex Modular Furniture Outlet Faceplate, 3-Port	2.65" x 1.35"
	M14CE-003	No	Yes	M-Series Modular Furniture Faceplate, 4-Ports	2.71" x 1.38"
	M13CLS-003	No	Yes	M-Series, Quadplex Modular Mounting Frame - 4-Ports	Standard "106" Electrical Faceplate
Hubbell®	FM5E4A	No	Yes	Modular Furniture Plate 4-Port Cat5, T568A, Black	1.37" x 2.72"
	FM5E4I	No	Yes	Modular Furniture Plate, 4-Port Cat5, T568B, AT&T, Black	1.37" x 2.72"
	FMPS12B	No	Yes	Modular Furniture Plate, FMPS Series, 2-Port, Black	1.37" x 2.7"
	FMPS12BVD	No	Yes	Modular Furniture Plate, FMPS Series, 2-Port, Voice/Data Black	1.37" x 2.7"
	FMPS13B	No	Yes	Modular Furniture Plate, FMPS Series, 3-Port, Black	1.37" x 2.7"
	ICI07FM3BK	No	Yes	Modular Furniture Plate, 3-Port, Black	21.33" x 2.5"
Leviton®	49900-SE2	Yes	Yes	Quickport Modular Furniture Standard Faceplate, 2-Port	2.70" x 1.38"
	49900-SE4	Yes	Yes	Quickport Modular Furniture Standard Faceplate, 4-Port	2.70" x 1.38"
	49900-EE4	Yes	Yes	Quickport Modular Furniture Standard Faceplate Extended Depth	2.70" x 1.38"
Ortronics®	OR-40300167	No	Yes	Series II Modular Furniture Bezels	2.656"–2.750" x 1.343"–1.406"
	OR-40700071-00	No	Yes	Mini-Mod Modular Furniture Bezels, .125"D, 1 to 3 Ports	2.67"–2.75" x 1.34"–1.41"
	OR-40700072-00	No	Yes	Mini-Mod Modular Furniture Bezels, .625"D, 1 to 3 Ports	2.67"–2.75" x 1.34"–1.41"
	OR-40700073-00	No	Yes	Mini-Mod Modular Furniture Bezels, 1"D, 1 to 3 Ports	2.67"–2.75" x 1.34"–1.41"
Panduit Mini-Com®	CFFP4BL	Yes	Yes	Snap-On Faceplate Mini-Com, 1 to 4 Ports	2.670"–2.750" x 1.345"–1.405"
	CFFPL4BL	Yes	Yes	Snap-On Faceplate w/label holder, Mini-Com, 1 to 4 Ports	2.670"–2.750" x 1.345"–1.405"
	CFFPA2BL	Yes	Yes	Snap-On Faceplate Mini-Com, Angles, 1–2 Ports	2.670"–2.750" x 1.345"–1.405"
	MFFPEBL	Yes	Yes	Snap-In Faceplate Extender 1/2", fits all Panduit modular faceplates	2.368"–2.850" x 1.345"–1.405"
Siemon®	CT-MFP-01	Yes	Yes	CT Series Modular Furniture Adapter (Accepts 1 CT Coupler) 2 Ports	2.656"–2.750" x 1.345"–1.405"
	MX-MFP-01	Yes	Yes	MAX Series Modular Furniture Adapter, 4-Port fit	2.656"–2.750" x 1.345"–1.405"

INSTALLATION GUIDELINES

Data/Communication Cables Installation

The Data/Communication cables are routed into the system through a post or post extension assembly from ceiling or floor level entry.

In some situations, the data/communication cables can enter directly into the panel. When panels are installed parallel to the building wall, cables could enter through a removed rear raceway cover. When panels are installed perpendicular to the wall the cables could enter through the upper opening in panel's vertical frame extrusion.

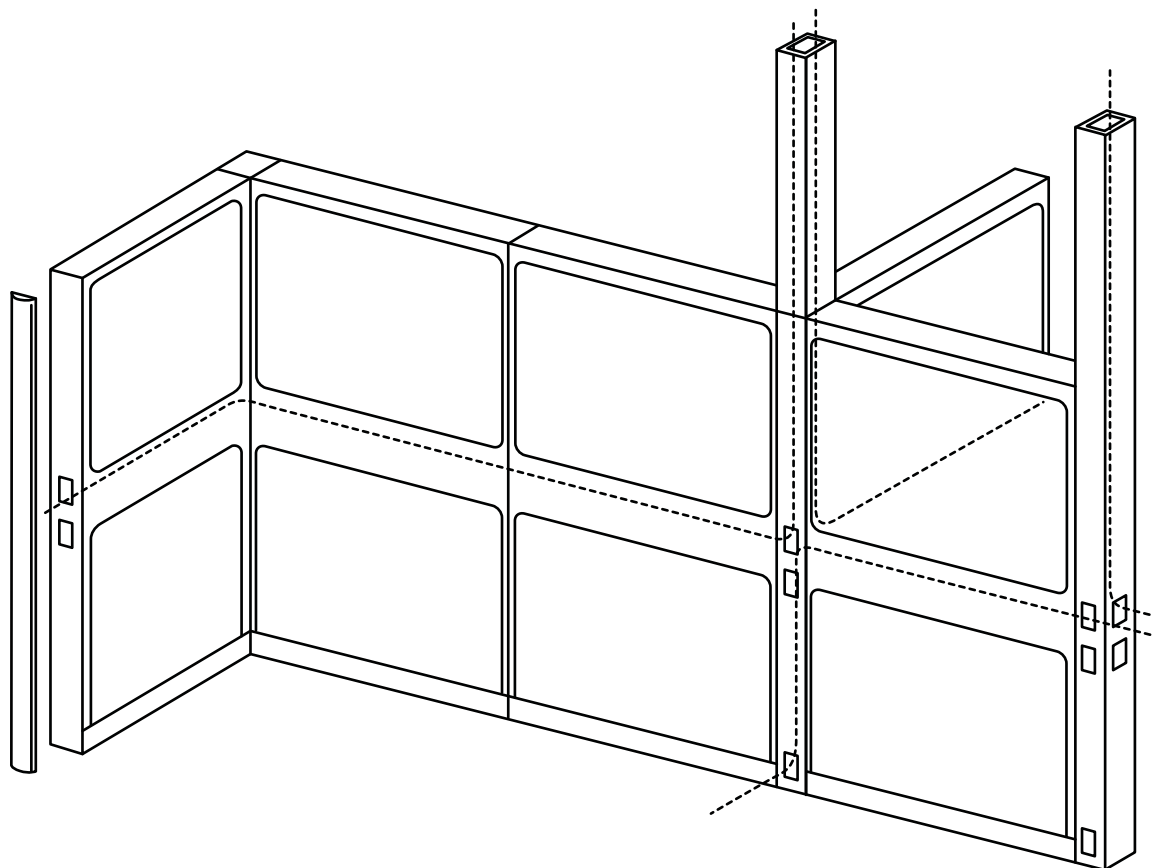
CEILING DATA/COMMUNICATION (CABLE ENTRY)

The data/communication cables can share post extension entry together with power feeding flexible conduit as the flexible conduit itself functions as a con-

cealed raceway, thus separating data/communication from power lines. To do so, thread data / communication cables through a post extension into raceway panel's upper channel. Lay in necessary connections according to your plan requirements.

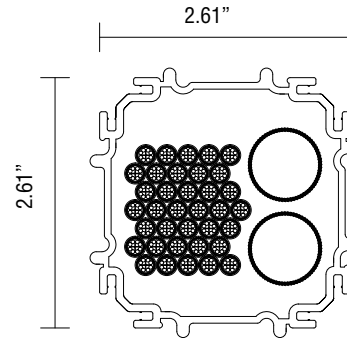
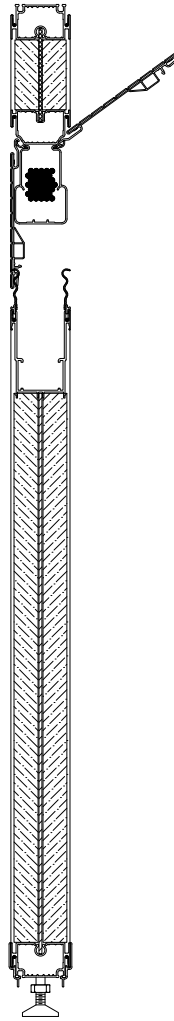
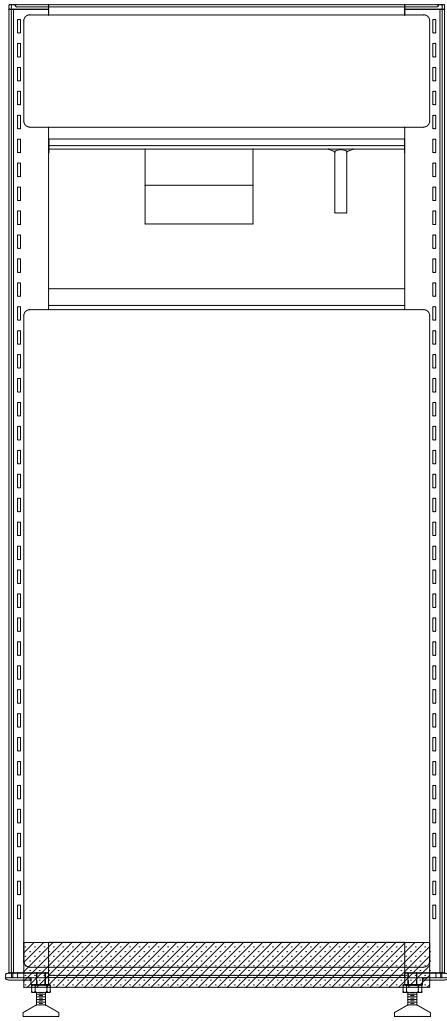
FLOOR LEVEL DATA/COMMUNICATION (CABLE ENTRY)

Thread the data/communication cables up through the post into the upper panel channel. Lay in necessary connections according to your plan requirements. If post base opening is already occupied by Base Feed Kit plate, or is not accessible due to a panel configuration (4-way), thread data/communication cables through the very bottom of the post. Thread the cables further through the post and into upper raceway channel opening.

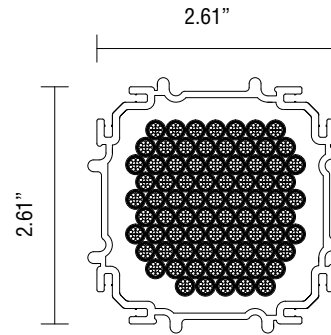


INSTALLATION GUIDELINES

Boulevard 1 Corner Post Capacity



36 CAT5 (0.22" diameter) + 2 Power Feeds
Recommended Approach
Enough for 12 stations if each receives 2 data 1
voice (3x CAT5 per station)



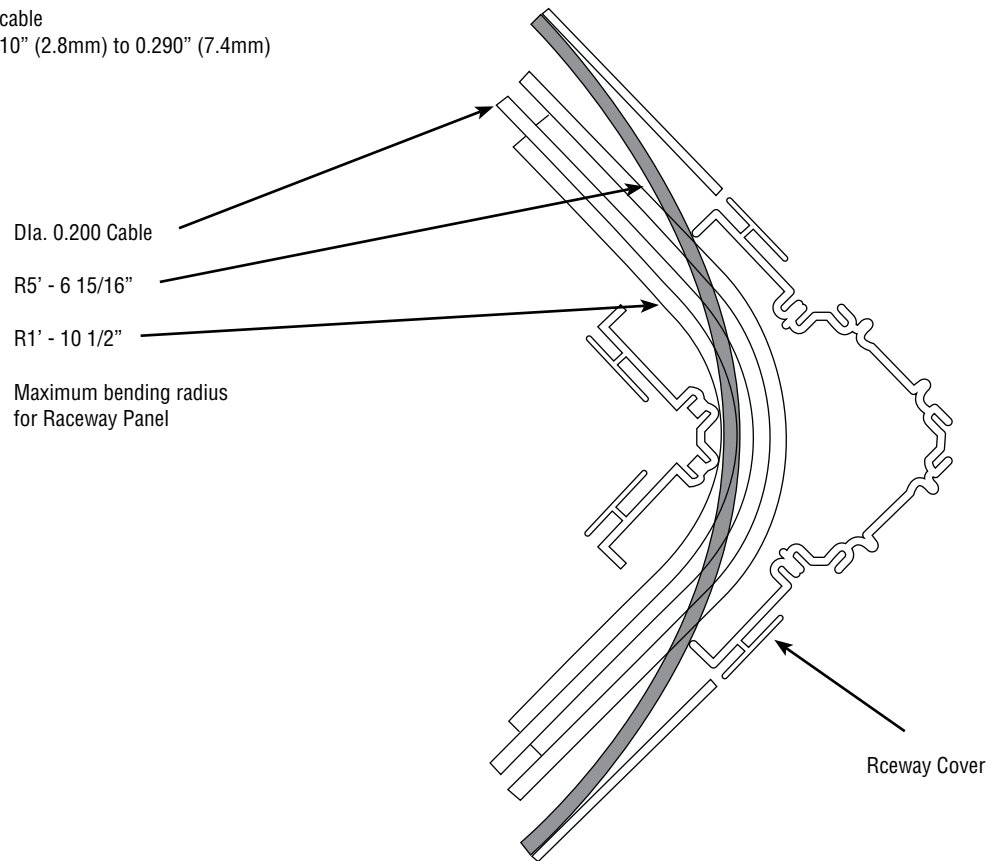
78 CAT5 (0.22" diameter) No Power Feeds
Maximum fill, difficult to install

INSTALLATION GUIDELINES

Data / Communication Cables Fiber Optic Cable Bend Radius 90 degree corner

Worst case situation shown

- Ø0.290" (7.4mm) fiber optic cable
- Cables range in size from 0.110" (2.8mm) to 0.290" (7.4mm)
- Bending radius = 10 to 20 x Ø



INSTALLATION GUIDELINES

Data / Communication Cable Wire Management

STEP 1: To access raceway cavity, grasp bottom side edges of raceway cover and pull.

STEP 2: Rotate cover upward.

STEP 3: Slightly push open cover in so hinged edge of cover will engage in panel.

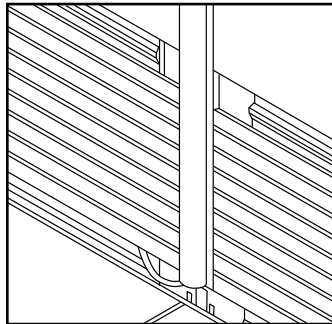
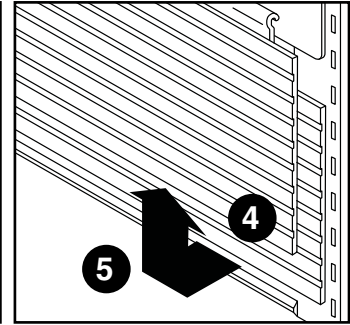
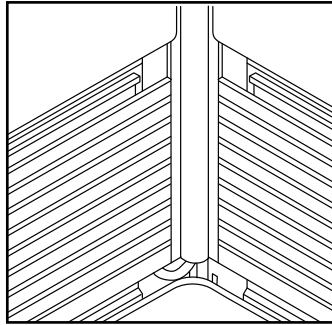
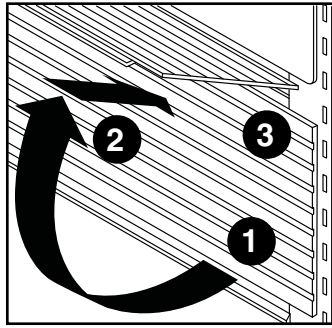
STEP 4: For even easier access to data/communication and power channels, cover may be removed. Grasp bottom side edges of raceway cover and pull.

STEP 5A: Remove one end of cover from extrusion and follow along the extrusion. (A slot head screwdriver may be required to assist one side to start.)

STEP 5: Push it vertically upward.

STEP 6: After you have plugged your equipment cords into the outlets, reverse the procedure to close the cover at the desk height. You will hear a snap when the cover is correctly closed.

To conceal a cord from an overhead storage task light, a Vertical Wire Channel snaps over a joint of two adjacent panels whether in 90° or 180° configurations. Note: If Vertical Wire Channel is installed between the raceway covers, it must first be removed before access to the raceway cavity is possible.



INSTALLATION GUIDELINES

Worksurface Installation

1: Corner/End Bracket

Will typically be used to support worksurfaces at corners. It is a “handed” metal bracket. Brackets are shipped in pairs.

2: Cantilever Worksurface Support Bracket

Will typically be used to support one or two adjacent worksurfaces. Aluminum cast structure with set of brackets which can be changed from left to right on site.

3: Full Gable

Will be used at the end of a run of worksurfaces, to support worksurfaces and to add stability to panels. Mounting brackets on the gable can be changed from left to right on site.

4: Worksurface Supporting Pedestal

Worksurface Supporting Pedestals are available in 24” and 30” deep. These can be used in lieu of a cantilever or corner end bracket and provide a finished look to the end of a worksurface run.

5: Flat Bracket

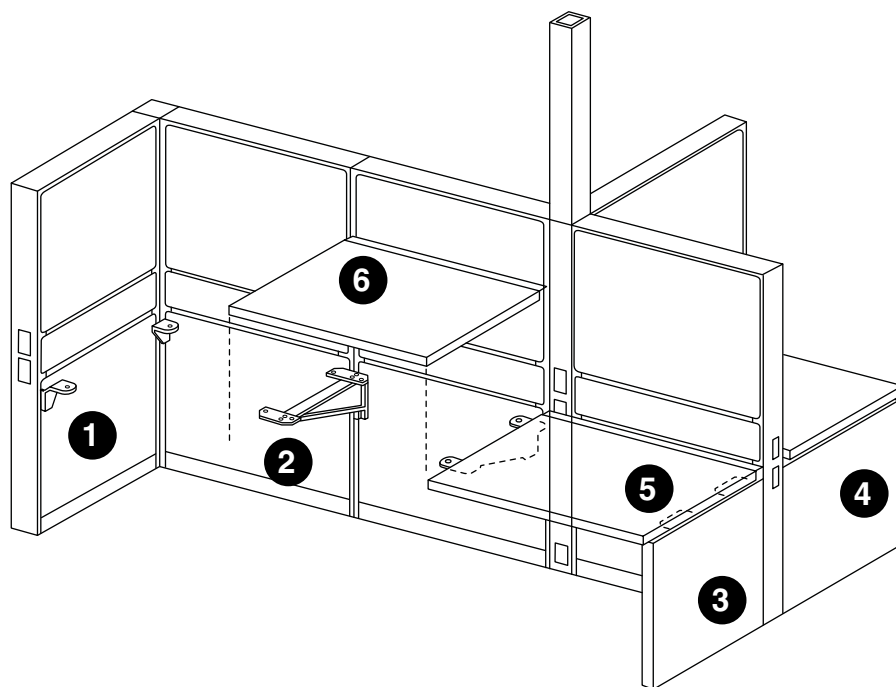
Some special configurations might require a flat bracket to add additional sup-

port, or to level two adjacent worksurfaces. As the required location may vary from installation to installation, the bracket is supplied with wood screws. (Drill pilot holes, and mount the bracket with the supplied wood screws.)

6: Worksurfaces

Worksurfaces are furnished with metal inserts which, if brackets are properly installed, will align with bracket openings to accept screws. Fasten supplied screws through and tighten. This will ensure a “metal to metal” connection for increased stability.

Installers must adjust the clutch on their power screwdrivers to prevent driving the metal inserts deeper into the worksurface tops.



INSTALLATION GUIDELINES

Worksurface Corner End Bracket

Identify correct bracket (left or right).

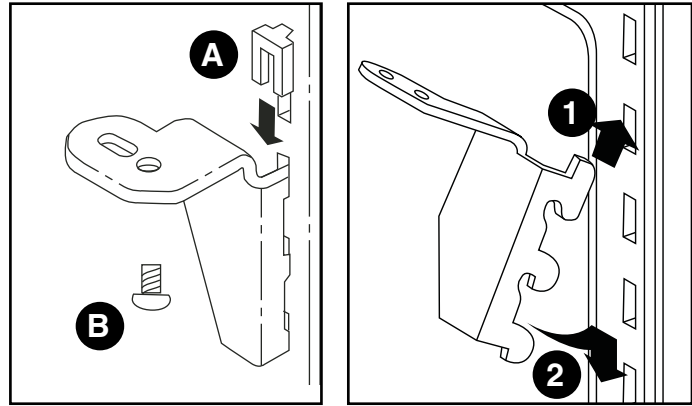
STEP 1: Insert upper corner of bracket into panel slot and pull upward.

STEP 2: Pivot downward and latch in remainder of bracket.

STEP 3: Set bracket securely in panel slots with rubber mallet.

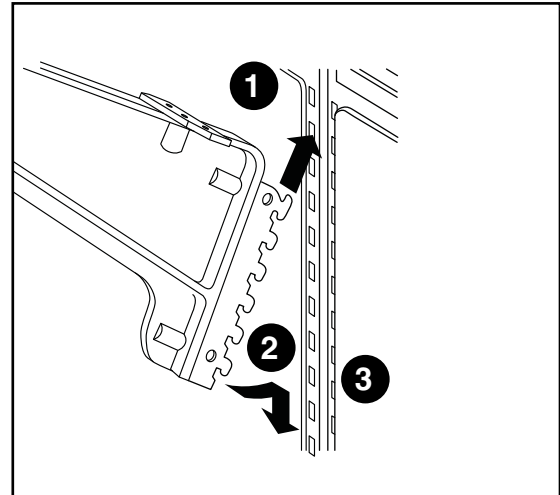
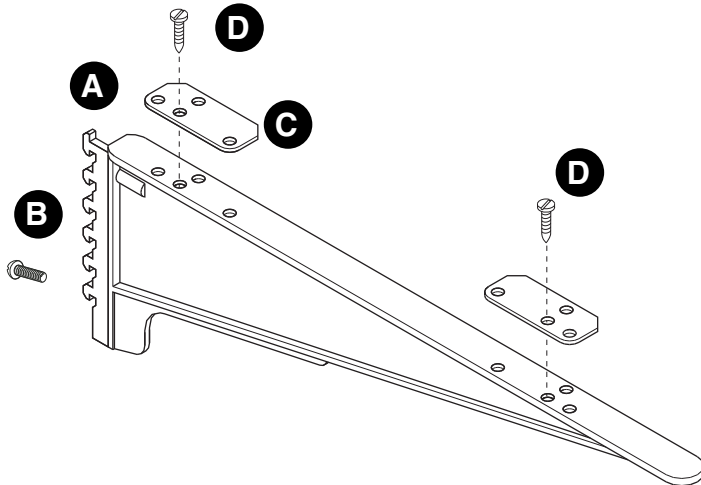
STEP 4: Install Bracket Retainer Clip (see page 61).

Installers must adjust the clutch on their power screwdrivers to prevent driving the metal inserts deeper into the worksurface tops.



REFERENCE #	PART #	DESCRIPTION	ACRYLIC CLEAR GLAZING
A	010200001	Bracket Retainer Clip	1
B	007280021	Quadrex 1/4 - 20 x 3/4" Round Machine Screw	1

Worksurface Cantilever



REFERENCE #	PART #	DESCRIPTION	PACKAGE	QUANTITY
A	10100002XXX	Panel Bracket	XXX = Frame Colour	1
B	007280021	1/4 - 20 x 3/4" Panel Bracket Round Machine Screw		1
C	10100001XXX	Cantilever Worksurface Bracket	XXX = Frame Colour	1
D	007280020	1/4 - 20 x 1/2" Worksurface Bracket Screw		1
E	010200001	Bracket Retainer Clip		1

Identify correct setting of brackets (left, right, single or shared worksurface support).

STEP 1: Insert upper corner of metal bracket into panel slot and pull upward.

STEP 2: Pivot downward and latch in remainder of metal bracket.

STEP 3: Set bracket securely in panel slots with rubber mallet.

STEP 4: Install Bracket Retainer Clip (see page 61).

Installers must adjust the clutch on their power screwdrivers to prevent pushing the metal inserts deeper into the worksurface tops.

INSTALLATION GUIDELINES

Bracket Retainer

Bracket Retainer secures Worksurface Corner/End Brackets and Cantilever Worksurface Support Bracket in panel's vertical slots.

Retainer installation procedures are identical for both types of worksurface supports:

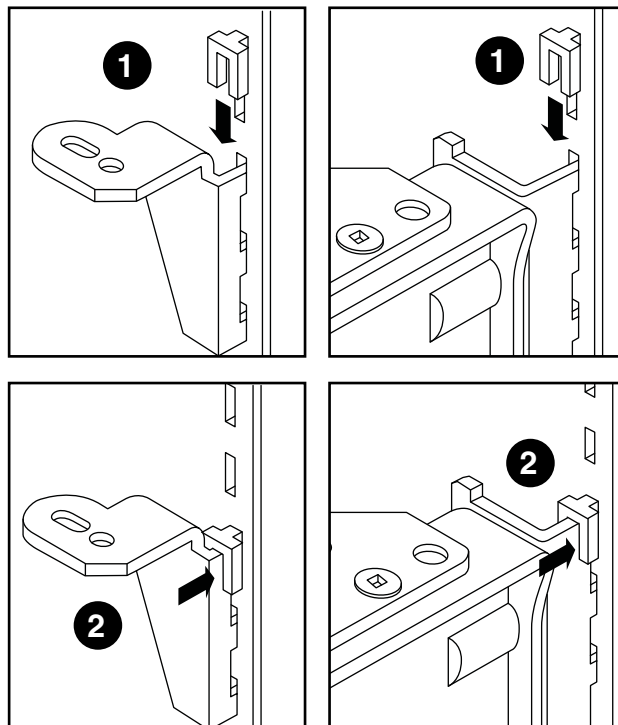
After you have installed the Corner/End Bracket or the Cantilever (see the previous page), ensure that it is properly seated in the panel's slots.

Use rubber mallet to fully engage the teeth.

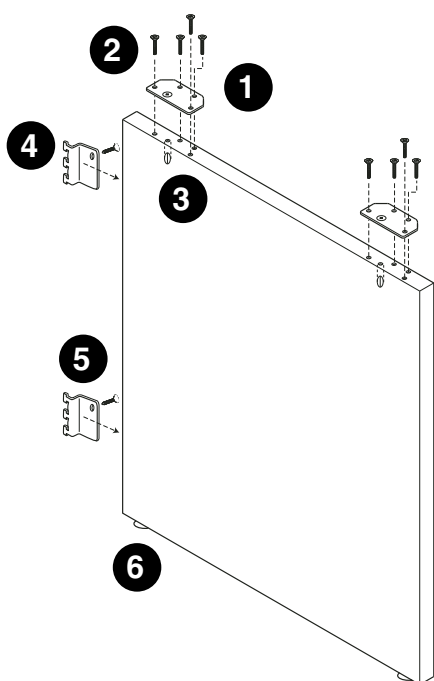
STEP 1: Slide the retainer over the bracket.

STEP 2: Press the retainer forward while ensuring that the Retainer's extended portion is fully inserted into the panel's slot.

Installers must adjust the clutch on their power screwdrivers to prevent driving the metal inserts deeper into the worksurface tops.



Worksurfaces Full Gable



REFERENCE #	PART #	DESCRIPTION	PACKAGE	QUANTITY
1	004640010	Gable Worksurface Bracket	*TAG = Frame Colour	1
2	007210002	1/4 - 20x 11/4" Robertson Flat Worksurface Bracket Screw		1
3	007210004	Barrel Nut		1
4a	004640014	Panel Mounting Braket (one left, one right)	*TAG = Frame Colour	1
4b	004640015	Panel Mounting Bracket (left)	*TAG = Frame Colour	1
5	007280021	Panel Mounting Bracket Screw (Quadrex 1/4 - 20x 3/4" Round Machine Screw)		1
6	007240005	Glide		1
7	007280011	Quadrex #10x 3/4" Panhead Wood Screw		1

INSTALLATION GUIDELINES

Worksurfaces Full Gable

According to your plan, select the type of gable (height and depth).

Identify correct setting of worksurface brackets (left and right, single or supporting adjacent worksurface) and install the panel mounting bracket accordingly.

STEP 1: Ensure the worksurface brackets are secure in the required configuration: single / shared, left / right

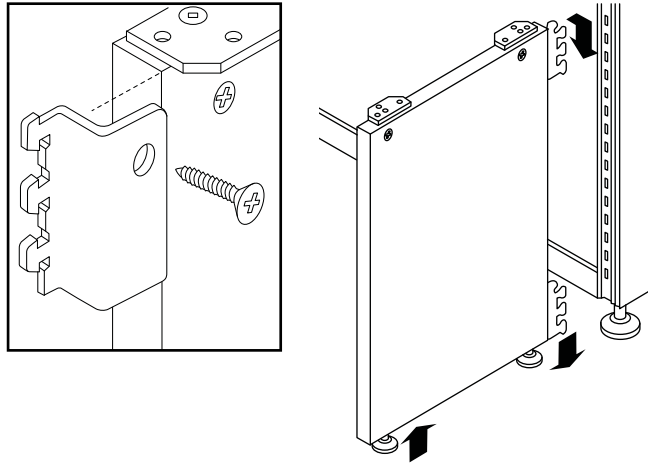
STEP 2: Attach the bottom gable bracket to the inside and rear of gable (into insert) with supplied bolt. Hooks point upward.

STEP 3: Insert bracket with gable into panel, ensuring it engages fully.

STEP 4: Locate slots for upper bracket. With hooks pointing downward, insert bracket, engaging fully in panel slots. Secure with supplied bolt (into insert).

STEP 5: Level gable accordingly.

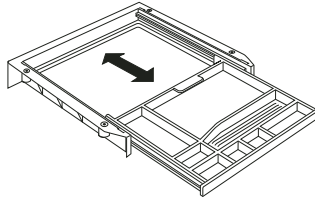
STEP 6: Proceed with worksurface installation.



Worksurfaces Pencil Drawer

STEP 1: Line up the front edge of pencil drawer with front edge of the worksurface.

STEP 2: Use the four screws provided to mount the drawer to the underside of the surface.



Worksurfaces C Leg Install

According to your plans, select the height and depth of the leg. Identify required setting of worksurface mounting brackets for left or right side and for support of a single or two adjacent worksurfaces.

The leg cover and brackets are universal and can be configured to create either left or right worksurface support.

STEP 1: Ensure that the worksurface brackets are secured in front holes when supporting a worksurface with a “C” leg attached to a panel. The rear holes are for the “C” leg / modesty panel / worksurface freestanding assembly.

STEP 2: To remove the “C” leg cover—Press the cover against one of the two vertical upright tubes and push on the opposite round profile of the cover along the opposite vertical upright tube to disengage it.

STEP 3: Attach the bottom “C” leg mounting bracket to the inside of the rear leg upright while ensuring that the bracket is secured in its lowest position and hooks point downward. Secure with supplied screw.

STEP 4: Hold the upper “C” leg/panel bracket with the hooks pointing upward over the mounting hole.

STEP 5: Insert the “C” leg, with the brackets attached, into the panel ensuring that the bottom bracket is fully engaged in panel vertical slots.

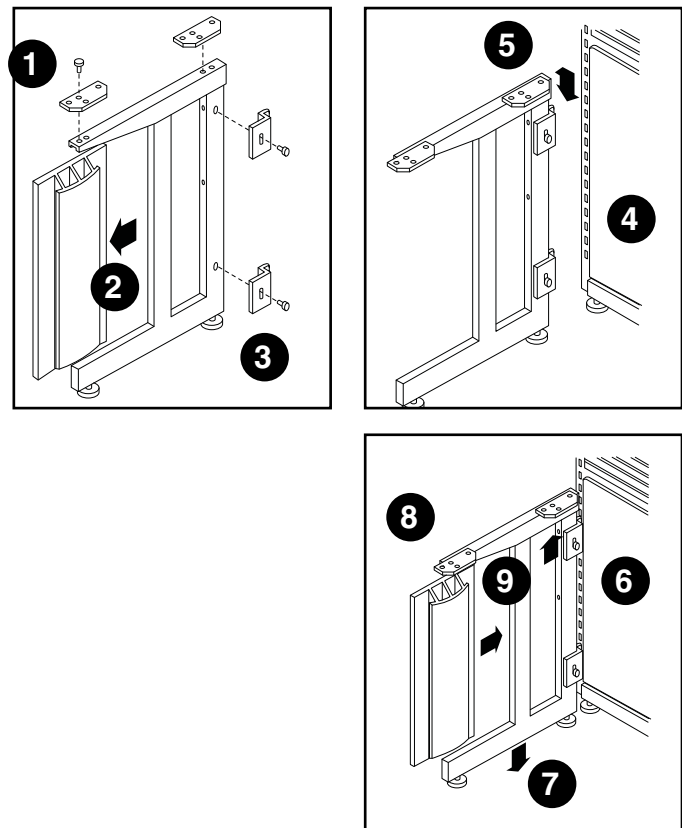
STEP 6: Slide the upper bracket upward so it engages into panel vertical slots and secure with the screw.

STEP 7: Adjust the “C” leg levelers.

STEP 8: Position worksurface according to your plans and drive screws through the worksurface mounting brackets into the worksurfaces.

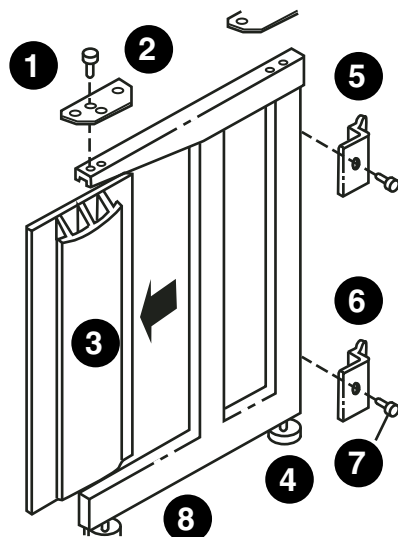
STEP 9: Install the leg cover in accordance with the leg’s configuration.

Hollow profile of the “C” leg cover can be used as a vertical cable manager.



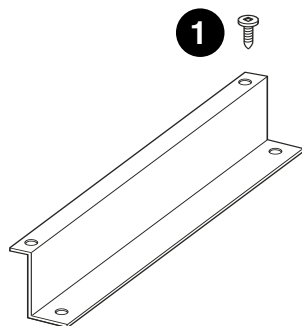
INSTALLATION GUIDELINES

Worksurfaces C Leg Parts



REFERENCE #	PANEL	FILLER / RETAINER KIT	PACKAGE	QUANTITY
1	10100001XXX	Worksurface Mounting Bracket	XXX = Frame Colour	1
2	007280020	1/4 - 20 x 1/2 Worksurface Bracket Screw		1
3	10025229XXX	PVC Leg Cover (29")	XXX = Frame Colour	1
4	007240005	Glide		1
5	004640027	Upper Panel Attachment Bracket	*TAG = Frame Colour	1
6	004640028	Upper Panel Attachment Bracket	*TAG = Frame Colour	1
7	007280023	Quadrex #10 -24 x 1/2" Round Machine Screw		1
8	007240006	Foot End Cap		1

Worksurfaces C Leg Parts



REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1	007280021	Quadrex 1/4 - 20x 3/4" Round Machine Screw		1
2	007280011	Quadrex #10 x 3/4" Panhead Wood Screw		1

This is used to attach two different height worksurfaces.

A cantilever **MUST** be used on either side of this bracket to support the adjoining worksurfaces.

STEP 1: Line up between two worksurface edges and attach with the four screws provided.

INSTALLATION GUIDELINES

Worksurfaces Modesty Panel

This instruction applies to left or right “D” top, “P” top, or Curvilinear Top.

STEP 1: Place worksurface on the floor upside down.

STEP 2: Position the modesty panel upright in the middle of the worksurface, approximately 1-1/2” from flat edge.

Modesty panel has one set of holes on either side to accommodate left and right assembly. Ensure that the “smooth” side of the modesty panel will face the visitor’s side of the worksurface.

STEP 3: Drive the supplied screws through the modesty panel lip and the worksurface, but do not tighten.

STEP 4: Slide the monoleg mounting plate between the modesty panel lip and worksurface. Align the monoleg center with the center of the modesty panel.

STEP 5: Fasten the monoleg mounting plate with the supplied screws to worksurface.

STEP 6: Drive two self-drilling screws through the modesty panel into monoleg.

STEP 7: Tighten the screws securing the modesty panel to worksurface.

STEP 8: Invert the completed assembly, rest it on panel mounted corner brackets and secure one side only to prevent the assembly from falling over.

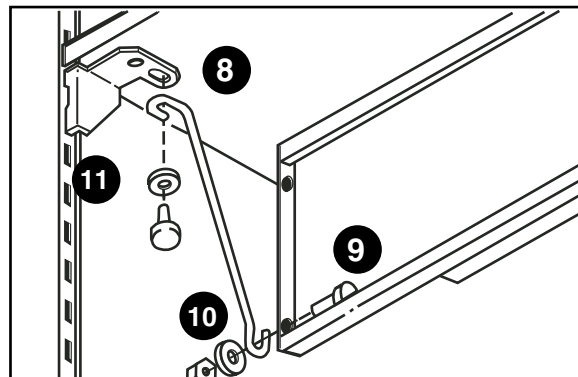
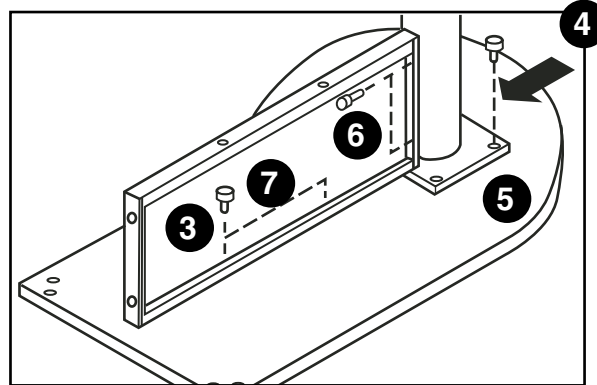
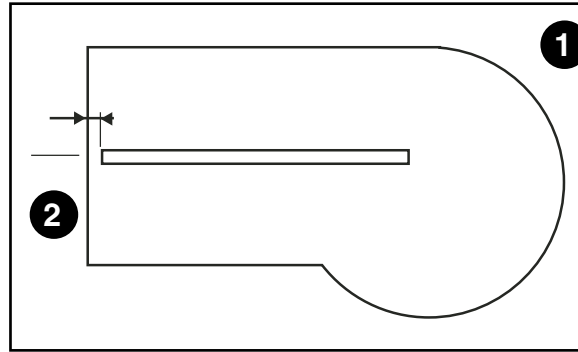
STEP 9: Insert supplied bolt, washer and nut into the bottom hole on the end of the modesty panel; do not tighten yet.

STEP 10: Slide the supplied wire brace between washer and modesty panel.

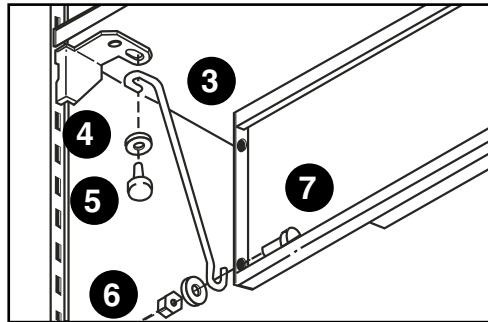
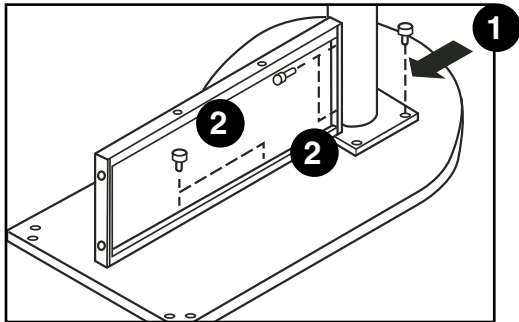
Ensure that the modesty panel is perpendicular to the worksurface and tighten the screws on either side of the brace.
Align all worksurfaces and tightly secure all bolts.

For 24” wide worksurface – secure the opposite of the brace beneath the corner or cantilever bracket utilizing the same screw securing either bracket to the worksurface.

For 30” wide worksurface – secure the opposite of the brace to the underside of the worksurface with the supplied wood screw.



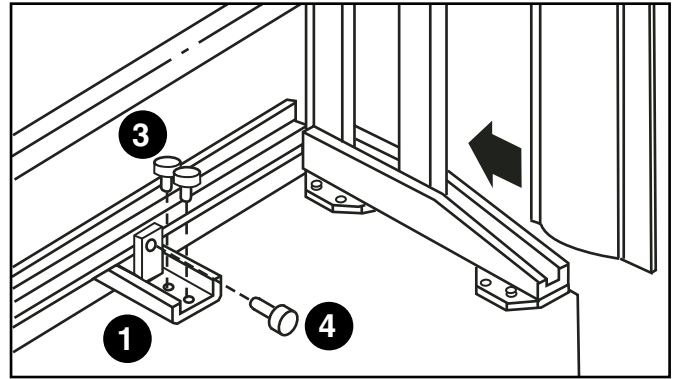
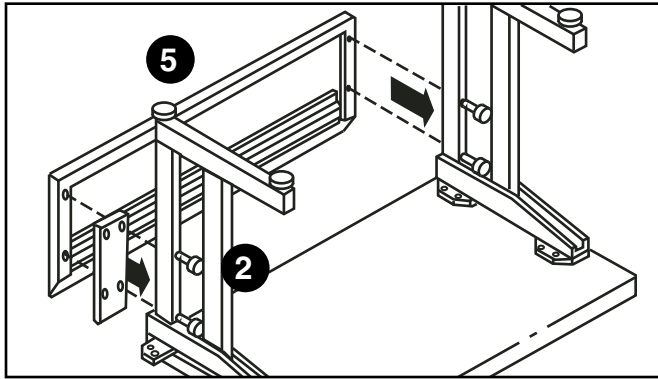
Worksurface Modesty Panel Parts



REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1	007280011	Monoleg late #10 x 3/4” Panhead Wood Screw		1
2	007280003	#8 x 1/2 Flat Socket Wood Screw		1
3	0046HMP3	Wire Base		1
4	077280028	Washer		1
5	007280021	Quadrex 1/4 -20x 3/4” Round Machine Screw		1
6	007280027	Nut		1
7	007280023	Quadrex #10 - 24x 1/2” Round achine Screw		1

INSTALLATION GUIDELINES

Worksurface Computer Table Modesty Panel



REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1	004HBMP01	Modesty Panel Support Bracket		1
2	007220008	#10 -24x 2 1/2" Round Machine Screw		1
3	007280011	Quadrex #10 x 3/4" Panhead Straight Wood Screw		1
4	007280022	Robertson #8 - 18 x 1/2" Self Tapping Metal Screw		1
5	007240005	Glide		1

INSTALLATION GUIDELINES

Computer Corner Table

According to your plan, determine the type, size and height of the unit.
To remove the “C” Leg cover—Press the cover against one of the two vertical upright tubes and push on the round profile of the cover along the opposite vertical upright tube to disengage it.

Not compatible with Boulevard freestanding or Licence products.

STEP 1: Place worksurface on the floor upside down.

STEP 2: Adjust the top brackets on the “C” Leg according to desired configuration (for left or right side of a single, corner table, or for a single leg supporting two tops).

STEP 3: Position metal legs on worksurface, align holes with metal inserts and fasten with supplied machine screws.

STEP 4: Position corner leg, align outside edges of the leg with the worksurface.

STEP 5: Fasten with supplied screws.

STEP 6: Position modesty panels, align holes in modesty panel with holes in legs.

STEP 7: Fasten with supplied screws on both sides.

STEP 8: Position the modesty panel/worksurface brackets approximately in the middle along the rear edge of the work surface, hold against the modesty panels.

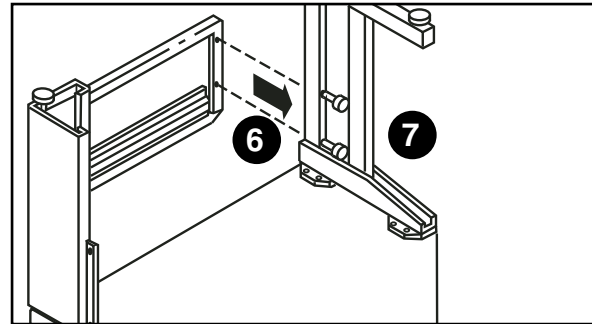
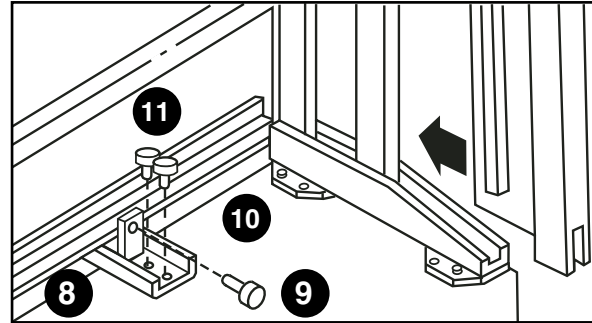
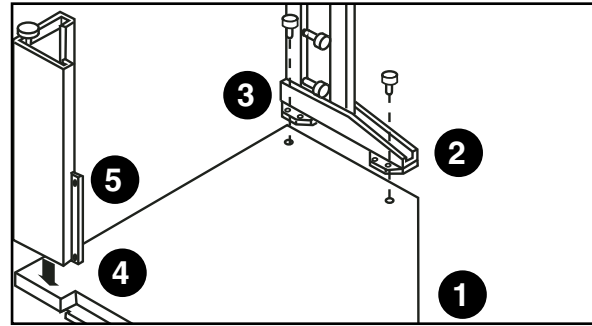
STEP 9: Drive self-drilling screws through brackets into the modesty panel reinforcing channels.

STEP 10: Adjust the modesty panels while ensuring that the flexible lips along the rear worksurface edges rest on modesty panels.

STEP 11: Secure both brackets in place by driving supplied screws through the brackets into the worksurface.

STEP 12: Rotate the whole assembly, position it in accordance with your floor plans and adjust levelers.

Install the “C” Leg cover (on left or right side of the leg, according to the leg’s configuration).



INSTALLATION GUIDELINES

Modesty Panel Extension

According to your plans, determine the type, size and height of the tables which are going to share a “C” Leg.

Begin by assembling the fully supported unit (Computer Table or Computer Corner Table). Rotate the top brackets so they allow a single leg to support two adjacent tops) and proceed as described on previous pages. Instead of connecting the modesty panel directly to one of the “C” Legs:

STEP 1: Insert the Modesty Panel Extension Bracket between the leg and the modesty panel, align holes in modesty panel and extension bracket with holes in legs and fasten the modesty panel with supplied screws on both sides.

Complete the assembly as described on previous pages (including the modesty panel/worksurface bracket, rotating the table, and adjusting levelers).

Position this first table in accordance with your floor plans now to prevent difficulties associated with repositioning of long table runs later.

Proceed by assembling the adjacent Computer Table. It is going to be supported by the already assembled unit on one side and its own supporting “C” Leg on the other side. Determine the size of the unit, remove the “C” Leg cover and place worksurface on the floor upside down.

STEP 2: Adjust the top brackets, position the “C” Legs on worksurface, align holes with metal inserts and fasten with supplied machine screws.

STEP 3: Position modesty panel, align holes in modesty panel with holes in the leg and fasten with supplied screws.

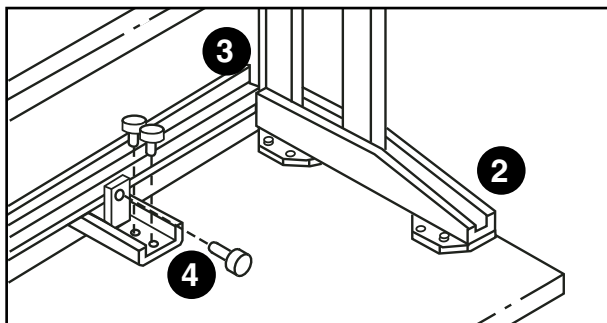
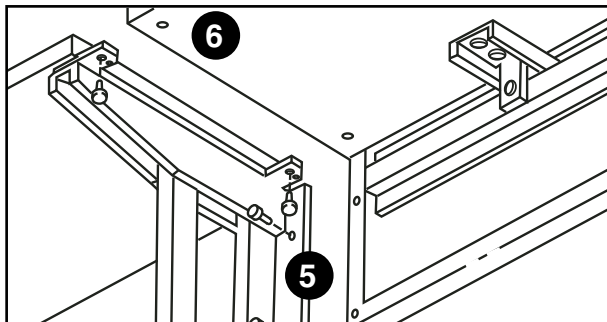
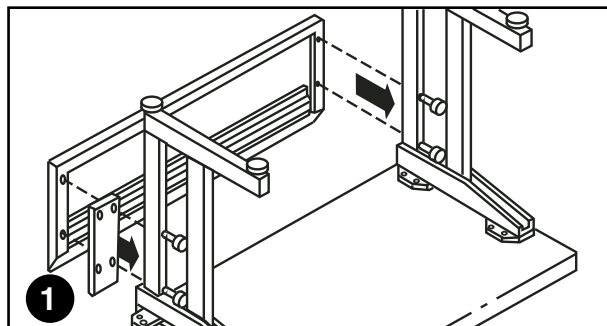
STEP 4: Install the modesty panel/worksurface bracket as described on previous pages.

Rotate the assembly, position it next to the first table, adjust levelers and

STEP 5: Drive screws through the modesty panel extension bracket into the modesty panel.

STEP 6: Secure worksurface supplied screws through the bracket into the worksurface.

STEP 7: Install the “C” Leg cover (on left or right side of the leg, according to the leg’s configuration).



INSTALLATION GUIDELINES

Transaction Brackets

Transaction tops should be supported with a pair of brackets at each panel connection, and/or end of run.

STEP 1: Identify correct bracket (left or right). One pair of brackets should be installed on either side of the panel.

STEP 2: Insert upper tooth into uppermost panel slot.

Teeth on transaction brackets point upwards.

STEP 3: Align pilot holes in transaction surface to holes in bracket.

STEP 4: Drive four supplied wood screws through bracket into transaction surface locking bracket into place and securing transaction top to panel.

37" panels require their own (BHBT37) transaction brackets.

Transaction Tops

OVAL

STEP 1: Insert the four brackets provided into the panel slots found on either side of the panel. The top of the bracket should be in line with the top of the panel.

STEP 2: Place the Transaction Top on top of the panel so the bracket holes line up with the pilot holes in the round Transaction Top.

STEP 3: To secure the round top to the panel, screw through the brackets and into the pilot holes found on the underside of the transaction top. Use #10 x 1" wood screws provided.

ELIPSE

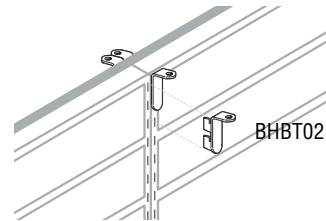
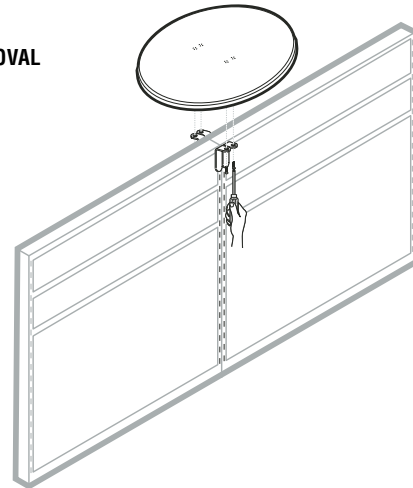
STEP 1: Insert the four brackets provided into the panel slots found on either side of the panel. Check bracket spacing ensuring that the pilot holes on the elliptical top line up with the bracket holes. The top of the brackets should line up with the top of the panel.

STEP 2: Place the Transaction Top on top of the panel so the bracket holes line up with the pilot holes in the Transaction Top.

STEP 3: To secure the top to the panel screw through the brackets and into the pilot holes found on the underside of the transaction top. Use #10 x 1" wood screws provided.

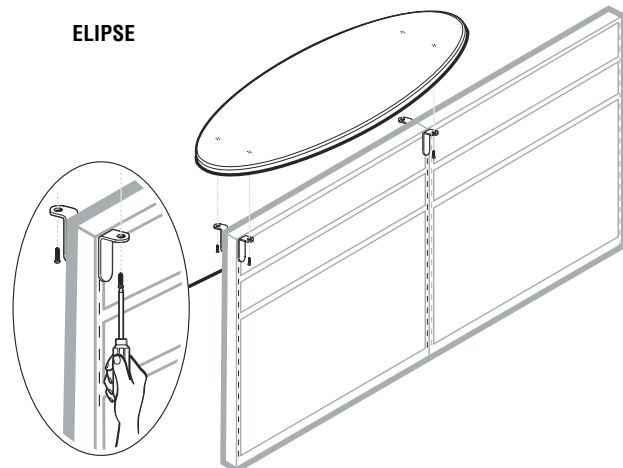
When using a 37" panel, use the BHBT37 transaction brackets. (See Boulevard price list).

OVAL



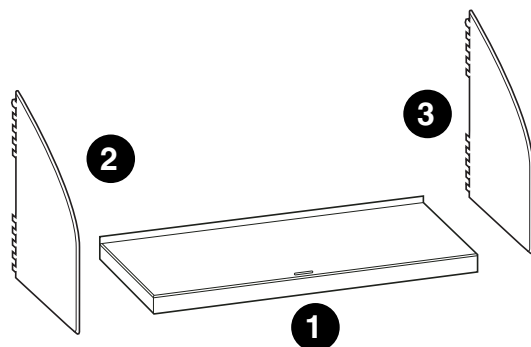
BHBT02 (See Boulevard price list)

ELIPSE



INSTALLATION GUIDELINES

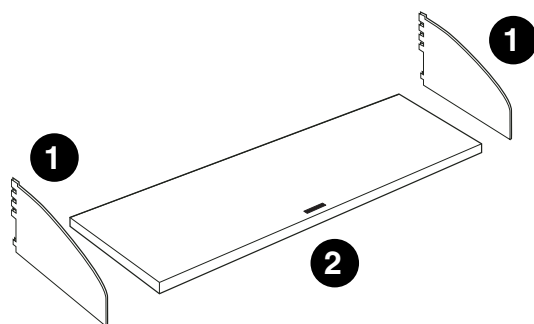
Radius Shelf High Profile



BS0H15 Radius High Profile Shelf

REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1	CB0SHLF30	30" Shelf	*Tag = Paint Colour	1
	CB0SHLF36	36" Shelf	*Tag = Paint Colour	1
	CB0SHLF42	42" Shelf	*Tag = Paint Colour	1
	CB0SHLF48	48" Shelf	*Tag = Paint Colour	1
	CB0SHLF54	54" Shelf	*Tag = Paint Colour	1
	CB0SHLF60	60" Shelf	*Tag = Paint Colour	1
2	CB0END01L	Left Shelf End	*Tag = Paint Colour	1
3	CB0END01R	Right Shelf End	*Tag = Paint Colour	1

Radius Shelf Low Profile



BS0H15 Radius Low Profile Shelf

REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1	CB0SHLSEND	Shelf End		
2	CB0SHLF30	30" Shelf		
	CB0SHLF36	36" Shelf		
	CB0SHLF42	42" Shelf		
	CB0SHLF48	48" Shelf		
	CB0SHLF54	54" Shelf		
	CB0SHLF60	60" Shelf		

INSTALLATION GUIDELINES

Radius Shelves

Low Profile Shelf

An open shelf would usually be installed so that the bottom aligns with the bottom of the adjacent unit.

Identify both left and right shelf gable and determine their location on the panel slot.

STEP 1: Insert upper corner of metal bracket into panel slot and push upward.

STEP 2: Pivot downward and latch in the remainder of end bracket.

STEP 3: When both end brackets are set, lay shelf on end brackets and align screw holes.

STEP 4: Secure shelf by driving supplied screw through the end bracket and into bottom of shelf.

High Profile Shelf

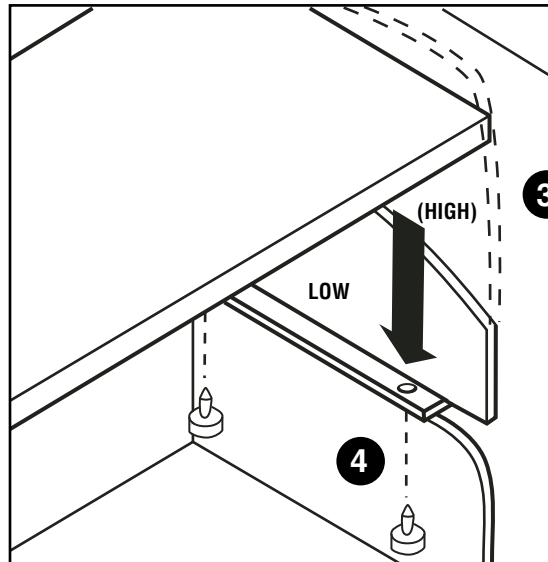
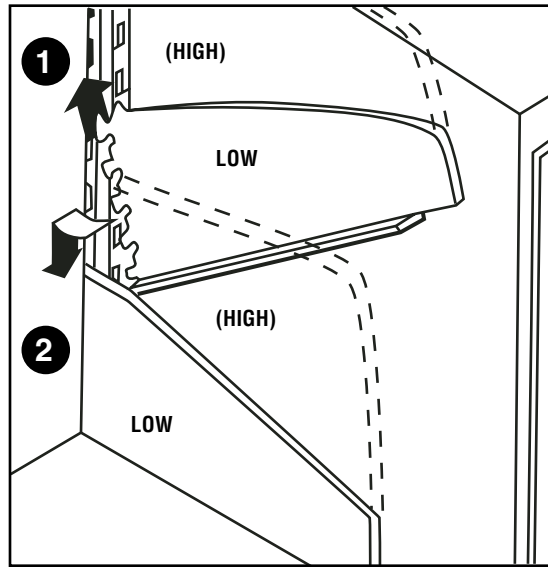
Identify both left and right shelf gable and determine their location on the panel slot.

STEP 1: Insert upper corner of metal bracket into panel slot and push upward.

STEP 2: Pivot downward and latch in the remainder of end bracket.

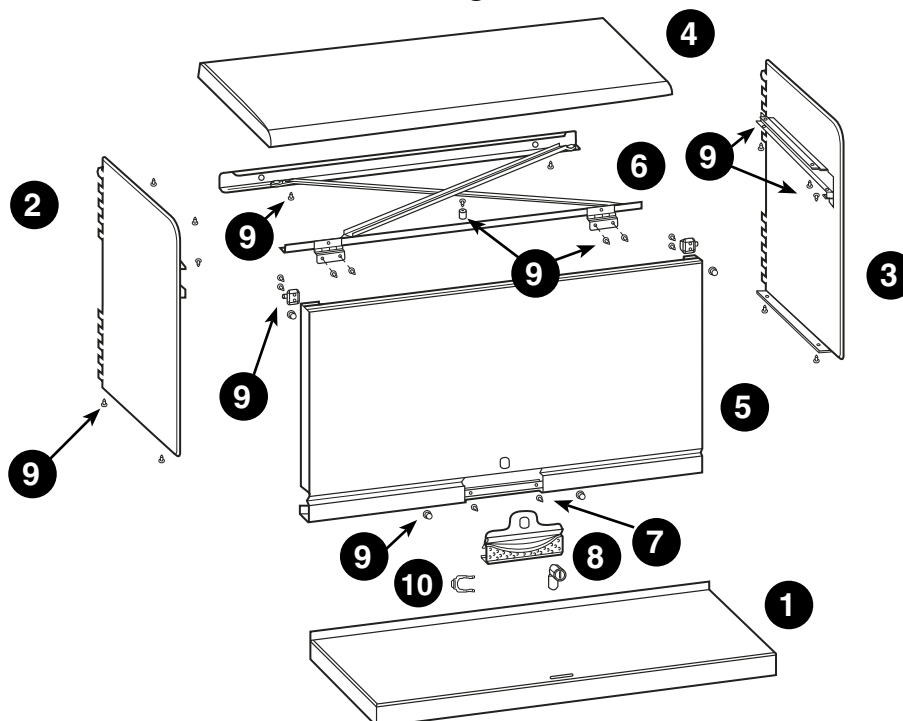
STEP 3: When both end brackets are set, lay shelf on end brackets and align screw holes.

STEP 4: Secure shelf by driving supplied screw through the end bracket and into bottom of shelf.



INSTALLATION GUIDELINES

Field Assembled Overhead Storage



REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1	CB0SHLF30	30" Shelf	*Tag = Paint Colour	1
	CB0SHLF36	36" Shelf	*Tag = Paint Colour	1
	CB0SHLF42	42" Shelf	*Tag = Paint Colour	1
	CB0SHLF48	48" Shelf	*Tag = Paint Colour	1
	CB0SHLF54	54" Shelf	*Tag = Paint Colour	1
	CB0SHLF60	60" Shelf	*Tag = Paint Colour	1
2	CB0SHLFENDL	Shelf End, L.H. (Full Height)	*Tag = Paint Colour	1
3	CB0SHLFENDR	Shelf End, R.H. (Full Height)	*Tag = Paint Colour	1
4	CBOTOP30	30" Top	*Tag = Paint Colour	1
	CBOTOP36	36" Top	*Tag = Paint Colour	1
	CBOTOP42	42" Top	*Tag = Paint Colour	1
	CBOTOP48	48" Top	*Tag = Paint Colour	1
	CBOTOP54	54" Top	*Tag = Paint Colour	1
	CBOTOP60	60" Top	*Tag = Paint Colour	1
5	CB0D00R30	30" Door	*Tag = Paint Colour	1
	CB0D00R36	36" Door	*Tag = Paint Colour	1
	CB0D00R42	42" Door	*Tag = Paint Colour	1
	CB0D00R48	48" Door	*Tag = Paint Colour	1
	CB0D00R54	54" Door	*Tag = Paint Colour	1
	CB0D00R60	60" Door	*Tag = Paint Colour	1
6a	CB0SCIS-L	Scissor Mechanism for 48", 54" and 60" Cabinets		1
6b	CB0SCIS-R	Scissor Mechanism for 30", 36" and 42" Cabinets		1
7	PB0PULL	Finger Pull & Screws		1
8	PB0LOCKA	Lock Assembly		1
9	PB0HDKT	Hardware Kit		1
10	CLIPBSKD	Horseshoe Clip for Lock Assembly		1

INSTALLATION GUIDELINES

Field Assembled Overhead Storage

STEP 1: Verify panel system is vertical (plumb) and level.

STEP 2: Remove all components from carton

STEP 3: Inspect and identify both the left and right shelf gables.

STEP 4: Insert the top tooth of the side gables into the panel slots (at desired location) and push upward.

STEP 5: Pivot downward and by pulling downward, insure the side gables are fully inserted into the panel slots on both sides.

STEP 6: Lay shelf on bottom flange of the two gables and align screw holes.

STEP 7: Screw the bottom shelf to the side gables using 4 (four) self-tapping screws.

STEP 8: Fully tighten, in order shown.

STEP 9: Place the top cover (complete with the scissor mechanism) onto the side gables and fasten with 3 (three) self-tapping screws. Do not tighten completely.

Do not install the right front screw!

STEP 10: Insure tracks are lubricated with clear lubricant (supplied from the factory)

STEP 11: Insert left side of door into left door track with plastic pivot (shown) just beneath the track.

STEP 12: Spread the right side gable until the right side of the door and pivot will fit into the right side track.

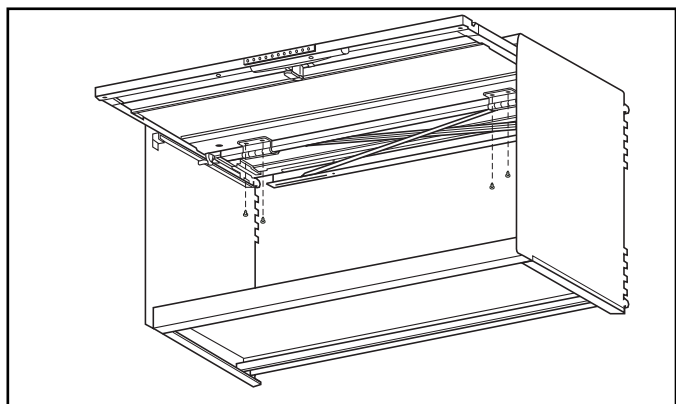
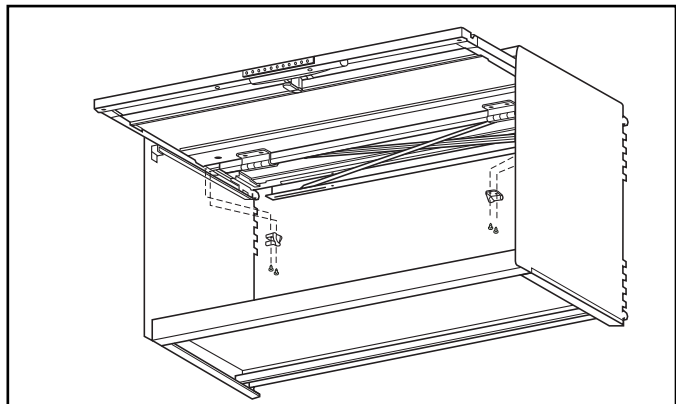
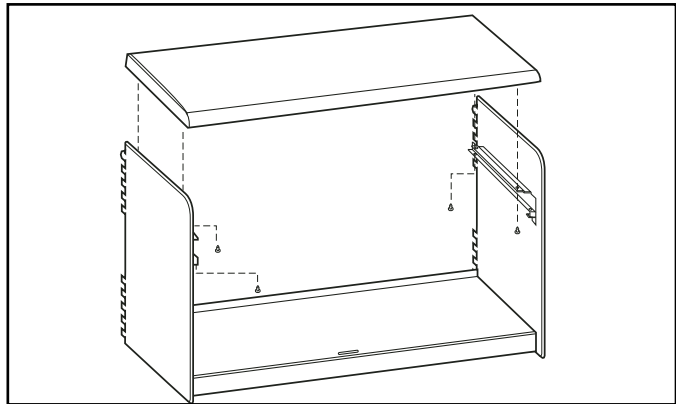
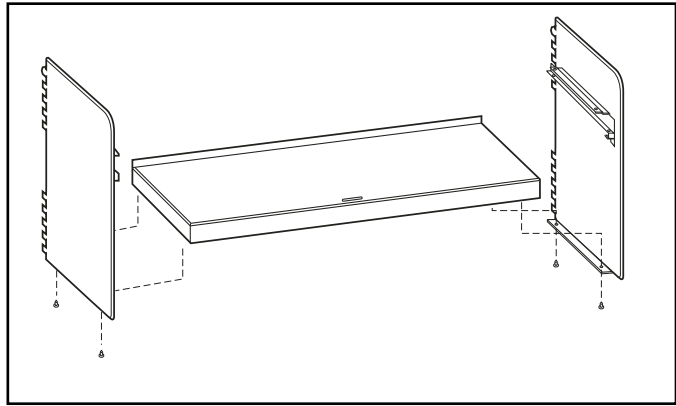
STEP 13: Pull door forward and install the last (4th) screw to connect side gable and top.

STEP 14: Tighten all 4 screws (diagonally) as shown in the first drawing.

STEP 15: Push the door approximately half way back into cabinet.

STEP 16: Fasten the scissors mechanism to the rear of the door using the two sheet metal screws. These are attached through each hinge into the holes provided.

STEP 17: Close door and check lock function.



INSTALLATION GUIDELINES

K.D Low Profile Shelf

An open shelf typically is installed so that the bottom aligns with the bottom of the adjacent unit.

In order to provide some additional storage space within the same floor plan, the height module of the low profile shelf was designed to fit three times into the height module of an overhead storage cabinet. If this configuration is desired, begin with the lowest unit.

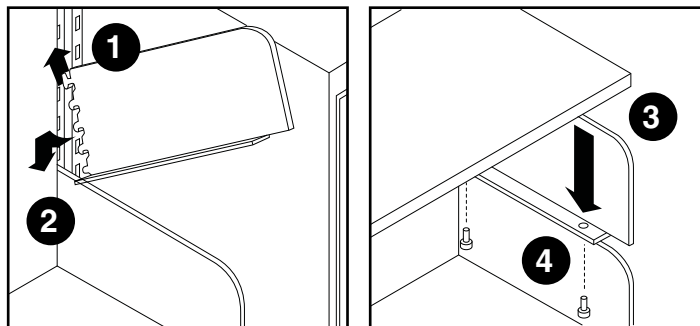
Identify both left and right shelf gables and determine their location in the panel slot.

STEP 1: Insert upper hook of the gable into panel slot and pull upward.

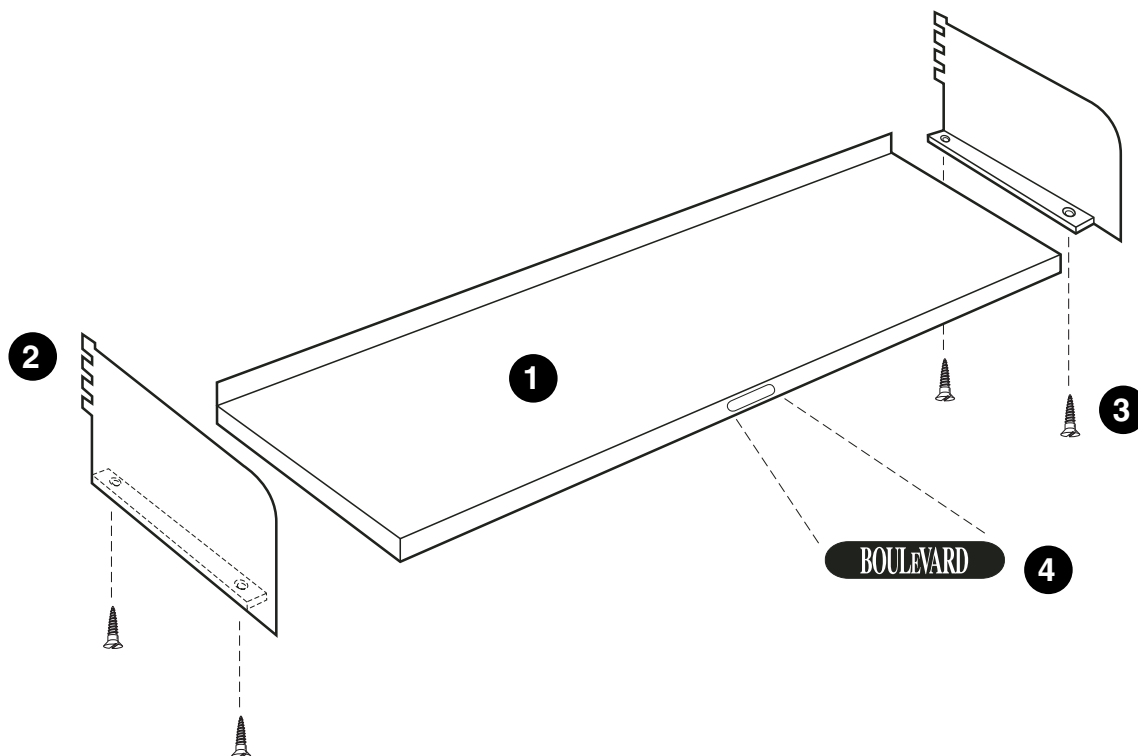
STEP 2: Pivot downward and latch the remainder of end gable bracket.

STEP 3: When both end gable brackets are set, lay shelf on end gables and align screw holes.

STEP 4: Secure shelf by driving supplied screws through the end gables and into bottom of shelf.



K.D Low Profile Shelf Parts



REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1	BS0S1224XXX	24" wide shelf	XXX = Paint Colour	1
	BS0S1230XXX	30" wide shelf	XXX = Paint Colour	1
	BS0S1236XXX	36" wide shelf	XXX = Paint Colour	1
	BS0S1242XXX	42" wide shelf	XXX = Paint Colour	1
	BS0S1248XXX	48" wide shelf	XXX = Paint Colour	1
	BS0S1254XXX	54" wide shelf	XXX = Paint Colour	1
	BS0S1260XXX	60" wide shelf	XXX = Paint Colour	1
2	BS0L02	Shelf Ends	*Tag = Paint Colour	2 (one left, one right)
3	007220008	#8 - 18x 1/2" Srew		
4	0102BLV01	Boulevard oval logo lock cover plug		

INSTALLATION GUIDELINES

Corner Shelf

The Corner Shelf was developed for better utilization of a space above a corner worksurface.

Left or right Corner Shelf Kit consists of a corner side end gable (inserted into panel's vertical slots), flat brackets (attaches to a standard, perpendicularly adjacent Low Profile Shelf) and the actual shelf (structure is identical to the Low Profile Shelf).

Identify left or right corner shelf end gable and determine its location on a panel.

STEP 1: Insert upper hook of the gable into panel slot and pull upward.

STEP 2: Pivot downward and latch the remainder of the gable.

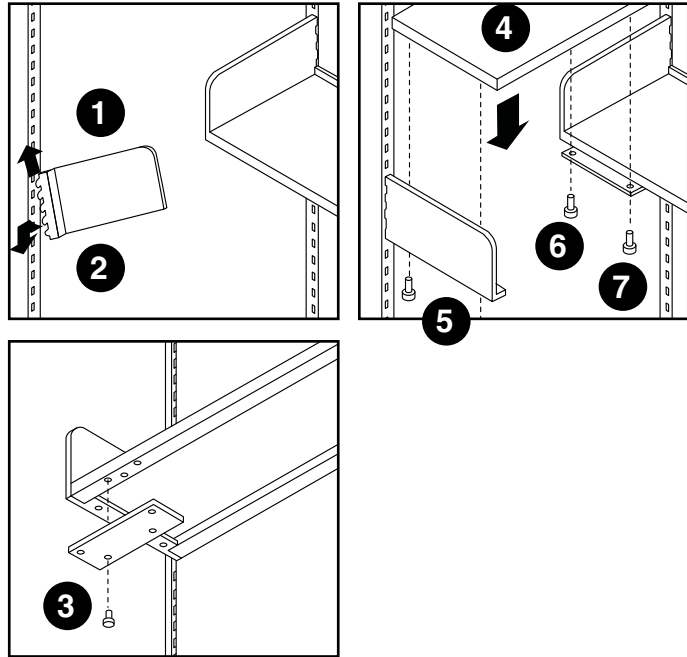
STEP 3: Align one hole in the flat bracket with the first hole in the shelf and secure with supplied screw.

STEP 4: Position a shelf on the bracket and the end gable.

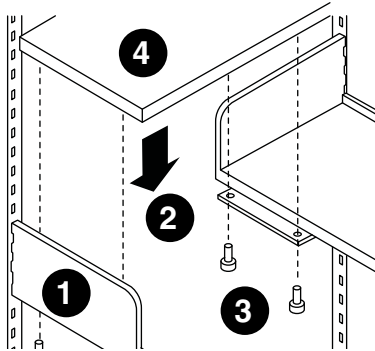
STEP 5: Proceed by securing the shelf to the end gable first.

STEP 6: Secure the shelf on the other side to the flat bracket.

STEP 7: Align both shelves and secure by driving a self-tapping screw through the flat bracket to the adjacent shelf.



Corner Shelf Parts



REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1	004CSSBL	Corner Shelf Gable - Left	*Tag = Paint Colour	1
	004CSSBR	Corner Shelf Gable - Right	*Tag = Paint Colour	1
2	004CSFB01	Corner Shelf Bracket	*Tag = Paint Colour	1
3	007220008	#8 - 18x 1/2 Screw		1
4	014BS0S1224XXX	24" wide shelf for 36" unit	XXX = Paint Colour	1
	014BS0S1230XXX	30" wide shelf for 42" unit	XXX = Paint Colour	1
	014BS0S1236XXX	36" wide shelf for 48" unit	XXX = Paint Colour	1
	014BS0S1242XXX	42" wide shelf for 54" unit	XXX = Paint Colour	1
	014BS0S1248XXX	48" wide shelf for 60" unit	XXX = Paint Colour	1
	014BS0S1254XXX	54" wide shelf for 66" unit	XXX = Paint Colour	1
	014BS0S1260XXX	60" wide shelf for 72" unit	XXX = Paint Colour	1
5	0102BLV01	Boulevard oval logo lock cover plug		1

INSTALLATION GUIDELINES

K.D High Profile Shelf / K.D. Overhead

Applies to product manufactured since January 2001.

Although specific construction details of 16" deep High Profile Shelf differ from the standard (12" deep) High Profile Shelf, both installation procedures are identical. Follow steps 1 through 4:

Identify both left and right shelf gables and determine their location on panel.

STEP 1: Insert upper corner of metal bracket into panel slot and pull upward.

STEP 2: Pivot downward, latch in remainder of the gable and tap with a rubber mallet to ensure a structurally sound connection.

STEP 3: When both gables are set, position a shelf on brackets and align holes.

STEP 4: Secure shelf by driving supplied screws through the gable bracket into the bottom shelf.

To install a top to the shelf, proceed as follows:

STEP 5: Position the top (top and bottom are identical parts to simplify the assembly process) on the bracket and align holes.

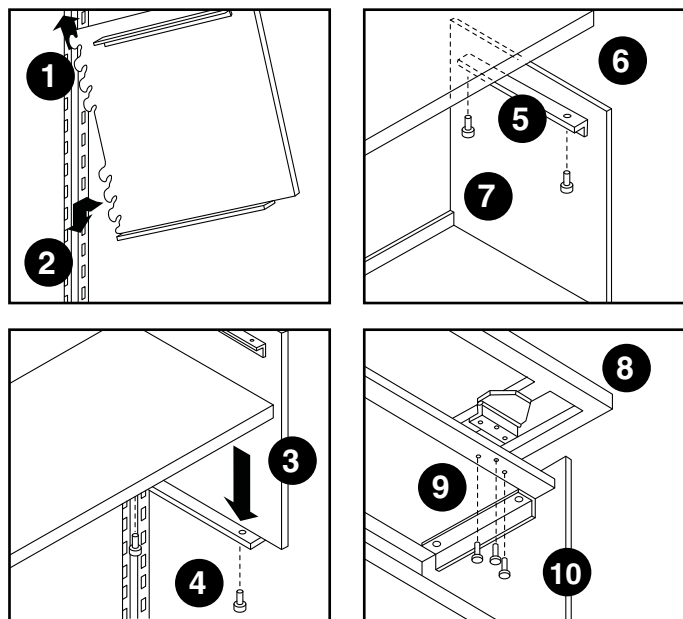
STEP 6: Secure shelf by driving supplied screws through the bracket into the top shelf.

To install a flipper door:

STEP 7: Position the door on top of the cabinet with the hinge bracket over the front edge of the top shelf.

STEP 8: Align holes in the bracket with holes in the top and

STEP 9: Secure the door by driving the supplied screws through the bracket into the shelf.



K.D High Profile Shelf / K.D. Overhead Parts

REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1a	SIDE2101	Shelf Gables	*Tag = Paint Colour	
	BS0S1224XXX	24" wide shelf	XXX = Paint Colour	
	BS0S1230XXX	30" wide shelf	XXX = Paint Colour	
	BS0S1236XXX	36" wide shelf	XXX = Paint Colour	
	BS0S1242XXX	42" wide shelf	XXX = Paint Colour	
	BS0S1248XXX	48" wide shelf	XXX = Paint Colour	
	BS0S1254XXX	54" wide shelf	XXX = Paint Colour	
	BS0S1260XXX	60" wide shelf	XXX = Paint Colour	
	004KDBRKT	Top Brackets	*Tag = Paint Colour	
	0102BLV01	Boulevard oval logo lock plug		
	KDLOCKCAP	Round Lock Cover		
	BS0F1224DRXXX	24" wide door	XXX = Paint Colour	
	BS0F1230DRXXX	30" wide door	XXX = Paint Colour	
	BS0F1236DRXXX	36" wide door	XXX = Paint Colour	
	BS0F1242DRXXX	42" wide door	XXX = Paint Colour	
	BS0F1248DRXXX	48" wide door	XXX = Paint Colour	
	BS0F1254DRXXX	54" wide door	XXX = Paint Colour	
	BS0F1260DRXXX	60" wide door	XXX = Paint Colour	
	004SLIDES	KD Door Slides		
	PBUMP04	Rubber Door Bumper		
	007220008	#8x 1/2" Wood Screw		

INSTALLATION GUIDELINES

K.D High Profile Shelf / K.D. Overhead

Applies to product prior to January 2001.

Although specific construction details of 16" deep High Profile Shelf differ from the standard (12" deep) High Profile Shelf, both installation procedures are identical. Follow steps 1 through 4:

Identify both left and right shelf gables and determine their location on panel.

STEP 1: Insert upper corner of metal bracket into panel slot and pull upward.

STEP 2: Pivot downward, latch in remainder of the gable and tap with a rubber mallet to ensure a structurally sound connection.

STEP 3: When both gables are set, position a shelf on brackets and align holes.

STEP 4: Secure shelf by driving supplied screws through the gable bracket into the bottom shelf.

To install a top to the shelf, proceed as follows:

STEP 5: Present top bracket into the horizontal slots in the shelf gable and pull away from the panel to engage the three hooks properly.

STEP 6: Position the top (top and bottom are identical parts to simplify the assembly process) on the bracket and align holes.

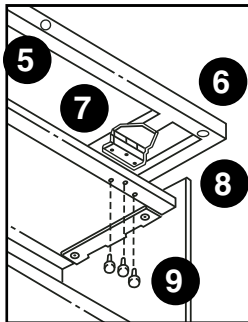
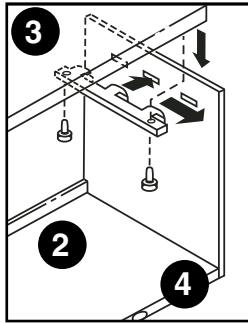
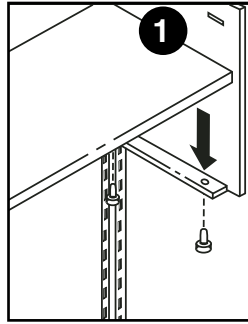
STEP 7: Secure shelf by driving supplied screws through the bracket into the top shelf.

To install a flipper door:

STEP 8: Position the door on top of the cabinet with the hinge bracket over the front edge of the top shelf.

STEP 9: Align holes in the bracket with holes in the shelf and

STEP 10: Secure the door by driving the supplied screws through the bracket into the shelf.



K.D High Profile Shelf / K.D. Overhead Parts

REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1	SIDE2101	Shelf Gables	*Tag = Paint Colour	
2	BS0S1224XXX	24" wide shelf	XXX = Paint Colour	
	BS0S1230XXX	30" wide shelf	XXX = Paint Colour	
	BS0S1236XXX	36" wide shelf	XXX = Paint Colour	
	BS0S1242XXX	42" wide shelf	XXX = Paint Colour	
	BS0S1248XXX	48" wide shelf	XXX = Paint Colour	
	BS0S1254XXX	54" wide shelf	XXX = Paint Colour	
	BS0S1260XXX	60" wide shelf	XXX = Paint Colour	
3	004KDBRKT	Top Brackets	*Tag = Paint Colour	
4	0102BLV01	Boulevard oval logo lock plug		
5	KDLOCKCAP	Round Lock Cover		
6	BS0F1224DRXXX	24" wide door	XXX = Paint Colour	
	BS0F1230DRXXX	30" wide door	XXX = Paint Colour	
	BS0F1236DRXXX	36" wide door	XXX = Paint Colour	
	BS0F1242DRXXX	42" wide door	XXX = Paint Colour	
	BS0F1248DRXXX	48" wide door	XXX = Paint Colour	
	BS0F1254DRXXX	54" wide door	XXX = Paint Colour	
	BS0F1260DRXXX	60" wide door	XXX = Paint Colour	
7	004SLIDES	KD Door Slides		
8	PBUMP04	Rubber Door Bumper		
9	007220008	#8x 1/2" Wood Screw		

INSTALLATION GUIDELINES

K.D. Back Wall Conversion Kit

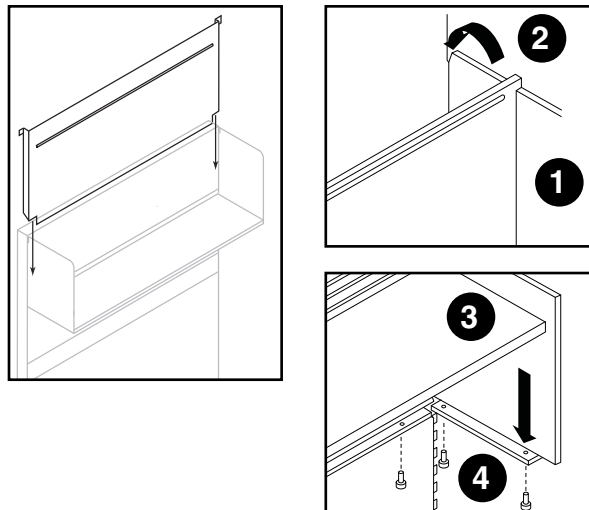
Any High Profile Shelf or K.D. Overhead can be converted from a 3/4" lip into a full back wall unit by installing the corresponding Back Wall Conversion Kit.

STEP 1: Install side gables.

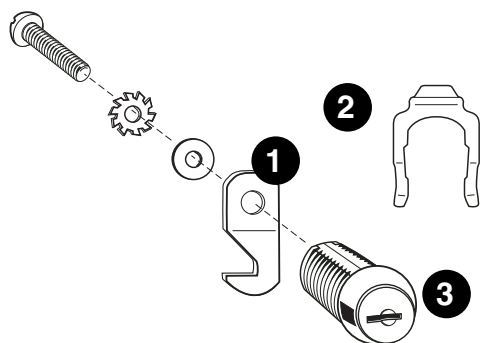
STEP 2: Insert the Back Wall Conversion Kit over top of the back of the side gables until the tabs rest on them.

STEP 3: Install shelves and flipper doors.

If it is a flipper door unit you will have to remove the top door assembly and shelf.



K.D Lock



REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1	LOCKTONG12	Lock Tongue		1
2	KDHORSESHOECLIP	Lock Spring Clip		1
3	POLOCK12HOUS	Lock Housing		1

Remove the lock cover from the door and the logo cover from the shelf.

STEP 1: Attach the lock tongue with the supplied bolts and washers.

STEP 2: In the unlocked position, orient the lock mechanism appropriately through the hole into the bottom of the flipper door shelf. (Depending upon how the lock bar is attached will determine the direction of the lock bar swing.)

STEP 3: Mount the horseshoe clip to the back of the lock mechanism ensuring that the opening of the clip is oriented to the two flat sides of the lock mechanism. The flat side of the horseshoe clip should be at the top of the lock mechanism.

STEP 4: Install lock core and test.

INSTALLATION GUIDELINES

Overhead Storage with Flipper Door

If you are having trouble opening or closing the Boulevard BSOF16... Flipper Door Unit, please try the following adjustments:

STEP 1: Check to see if the horseshoe-shaped spacer clip (POGROMMET) is on the left side of the metal door rod. If this is not there, the door may shift horizontally. (See diagram on previous pages.)

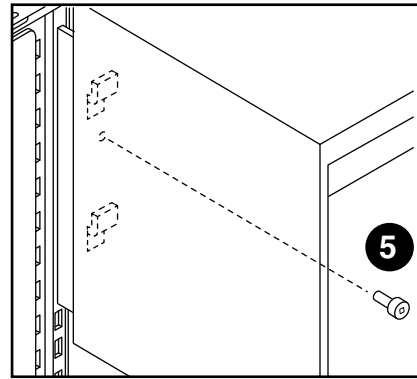
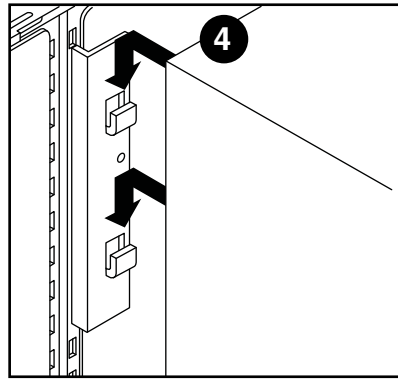
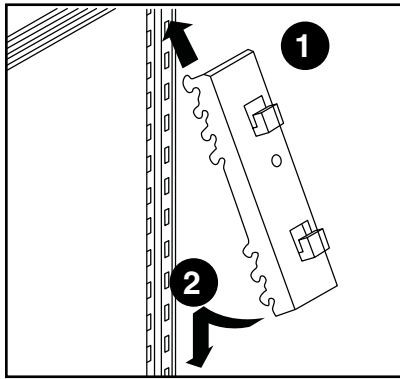
STEP 2: Loosen the screws that hold the door rod bracket in place. This may be torqued too tight and the door then will not roll correctly.

STEP 3: Add more white grease to the tracks.

STEP 4: Slightly loosen the front screws that hold the receding door tracks in place. Sometimes these may be too tight and cause the tracks to arc enough to make the door difficult to operate.

STEP 5: Pull door all the way towards you until it is close to dropping downward. Check to see if the gears are in the same place on both sides of unit. Remove horseshoe clip (POGROMMET) and put gear in correct tooth.

Overhead Storage with Flipper Door



The overhead storage cabinet is fully assembled and mounts onto a panel with two separate handed brackets. Identify both left and right overhead storage cabinet brackets and determine their location on panel.

STEP 1: Insert upper tooth of bracket into panel and push slightly upwards.

STEP 2: Pivot downward and latch in remainder of bracket.

STEP 3: Open flipper door and slide into cabinet.

Be cautious as door can easily slide out during the installation of cabinet.

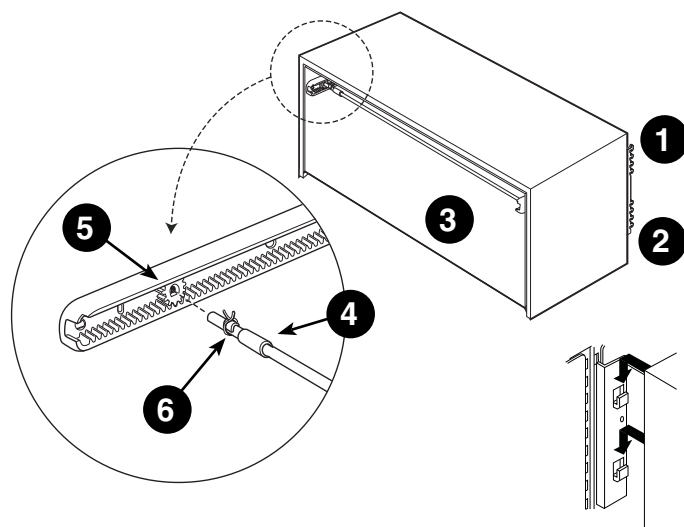
STEP 4: While looking inside the cabinet, locate the two openings at either side of cabinet over two hooks on both brackets and engage.

STEP 5: Secure cabinet to brackets by fastening one screw at either end.

Upon completion of storage units, check entire set-up, ensuring that all units are properly installed and all fasteners securely in place.

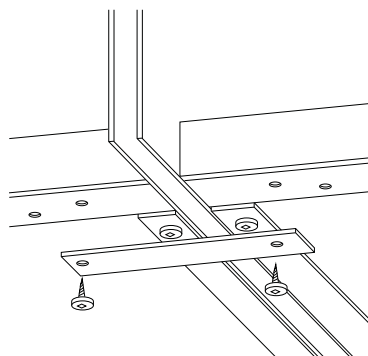
INSTALLATION GUIDELINES

Overhead Storage with Flipper Door Parts



REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1	BHB002	Panel Mounting Brackets (pr)	*Tag = Paint Colour	2
2		Panel Mounting Brackets Screw		1
3	BSOF16XXTRACK	Door tracks	(XX is part of code)	1
4	JOROD (width)	Door rod	XX = width	1
5	POGEAR	Door Gear		1
6	POGROMMET	Horseshoe Spacer Clip with wire tie		1
7	KDLOCKCAP	Black round lock cover (for use with BS0016XX)		1
8	POLOCKASSY	Complete lock assembly		1
9	PHBUMP07	Door bumper		1
10	POBLOCKM	Door Rod Bracket		1
11	POBLOCKF	Door Rod Bracket		1

K.D. Overhead Ganging Bracket



REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1	004640042	Ganging Bracket	*Tag = Point Colour	1
2	007220008	#8x 1/2 Screw		1

STEP 1: Install the units as per the installation drawing. Level and check for proper operation of door.

STEP 2: Align the flat ganging bracket with the hole closest to the shelf-mounting hole in the underside of the shelf.

STEP 3: Secure the bracket using the screw provided.

STEP 4: Align the other end of the flat bracket with the same hole on the opposite unit and secure.

INSTALLATION GUIDELINES

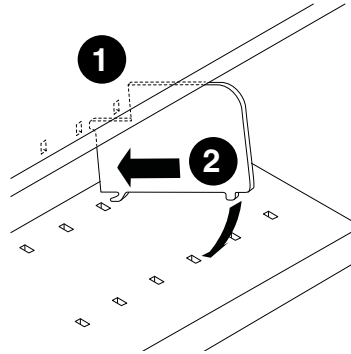
BS0F16 Divider

Overhead storage cabinet is standard with 2" increment slots at bottom and at back to accommodate dividers.

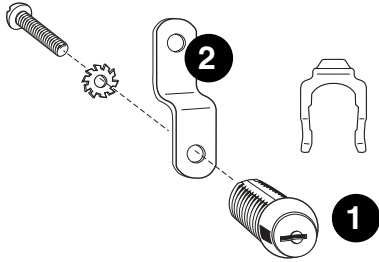
STEP 1: Insert upper corner into a slot in back wall.

STEP 2: Pivot downward to latch in bottom portion of divider.

Dividers are only for BS0F and BS00 series cabinets.



BS0F16 Lock



REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1	POLOCKASSY	Lock Housing Complete		1
2	LOCKTONG	Lock Tongue		

Inserting / Replacing Lock Plugs

Inserting

STEP 1: Remove the keys which are shipped with the plug.

STEP 2: Insert core removal key (this is the key with CK300 stamped on it).

STEP 3: Ensure that the horseshoes line up on the core and the assembly. With slight pressure, push in the plug all the way until you hear a "click."

STEP 4: Remove the core removal key.

STEP 5: Insert the keys which unlock the unit and ensure it works properly.

Replacing

STEP 1: Plug must be in the unlocked position in order to remove it.

STEP 2: Insert the core removal key.

STEP 3: Apply slight outward pressure while moving the key/plug lightly up and down.

STEP 4: When it is aligned, it will pull straight out.

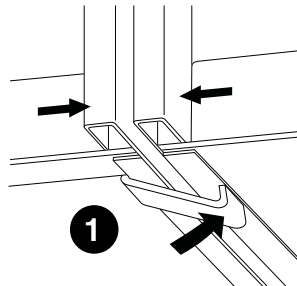
BS0F16 Ganging Bracket

STEP 1: Install the units as per the installation drawing. Level and check for proper door operation.

STEP 2: On the front of the cabinets, at the bottom, where the two cabinets are side by side, locate the lip on each cabinet.

STEP 3: Insert one hook of the ganging bracket onto one cabinet. Pull the cabinets together until you are able to hook the other end of the bracket on to the second cabinet, and release.

STEP 4: The bracket does not need to be screwed into place, as the pressure of the cabinets against the bracket will hold it.



REFERENCE #	PART#	DESCRIPTION	PACKAGE	QUANTITY
1	004640041	Ganging Bracket	*Tag = Point Colour	1

INSTALLATION GUIDELINES

CS Pedestal Installation

According to your plan, select type of pedestal which is going to be used as a worksurface support. Identify which side of the pedestal is to be attached to the panel slots and install the panel mounting bracket accordingly.

STEP 1: Align the outer corner of the bracket with the outer corner of the pedestal.

STEP 2: Hold the bracket in position and drive the supplied four self-drilling screws through the bracket into the rear wall of the pedestal.

STEP 3: Screw glides all the way into the pedestal.

STEP 4: Hook the pedestal into the panel and tap with a rubber mallet to ensure that the bracket is securely engaged in panel slots.

STEP 5: Adjust all pedestal levelers while ensuring that the bracket did not disengage from the panel.

Proceed with installation of worksurfaces.

STEP 6: Remove drawers and fasten the pedestal by driving four screws through the pedestal into the worksurface (pre-drill holes near corners).

Installation of Locking System

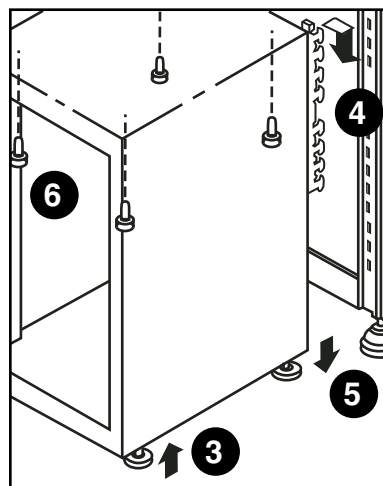
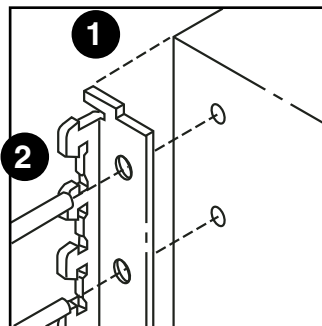
STEP 1: Assemble lock bar and actuator arm. Put them in place as shown on drawing:

- Actuator arm goes on lock bracket
- Then put nut on pin of lock bracket to hold actuator arm in place
- Lock bar goes right beside the frame

STEP 2: Put lock bar bracket and rivet pins together

STEP 3: Use a rivet gun to connect rivets to frame

STEP 4: Put lock housing into place then put horse shoe clip on housing



BP Radius Front Pedestal Installation

According to your plan, select type of pedestal which is going to be used as a worksurface support. Identify which side of the pedestal is to be attached to the panel slots and install the panel mounting bracket accordingly.

STEP 1: Align the outer corner of the bracket with the outer corner of the pedestal.

STEP 2: Hold the bracket in position and drive the supplied four self-drilling screws through the bracket into the rear wall of the pedestal.

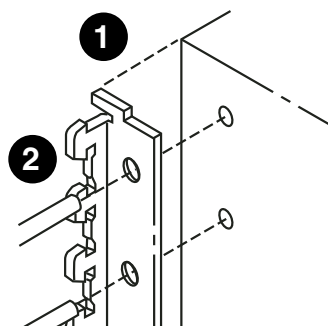
STEP 3: Screw glides all the way into the pedestal.

STEP 4: Hook the pedestal into the panel and tap with a rubber mallet to ensure that the bracket is securely engaged in panel slots.

STEP 5: Adjust all pedestal levelers while ensuring that the bracket did not disengage from the panel.

Proceed with installation of worksurfaces.

STEP 6: Remove drawers and fasten the pedestal by driving four screws through the pedestal into the worksurface (pre-drill holes near corners).

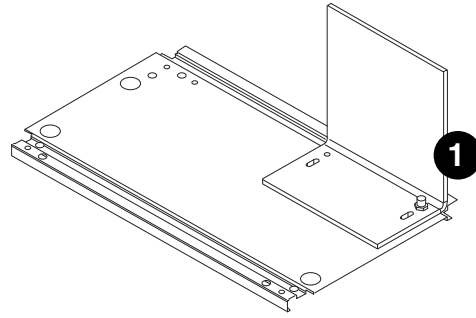


INSTALLATION GUIDELINES

Field Installation of Counterweight

Field installation of counterweights requires access to the bottom of the filing cabinet. This will necessitate the removal of the file contents as well as the drawers.

STEP 1: Using hardware supplied, install bolts through bottom of case as well as the counterweight and tighten securely. Use one, two or three weights as required by product configuration.

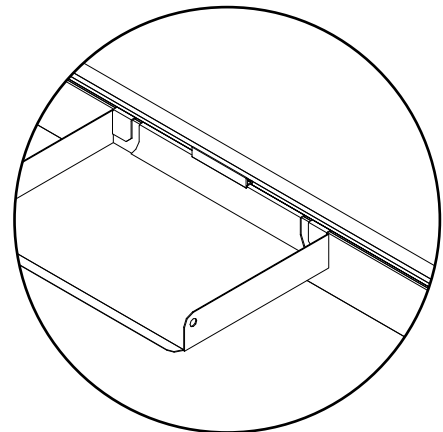
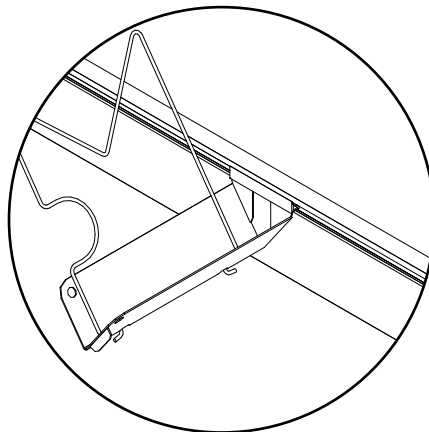
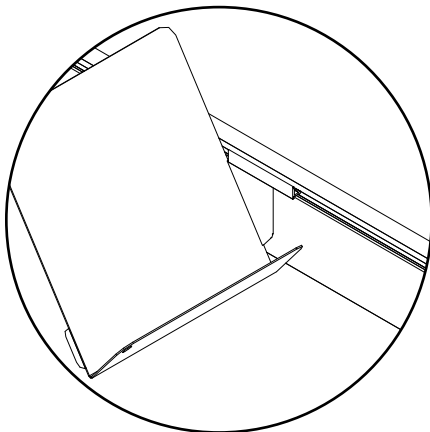
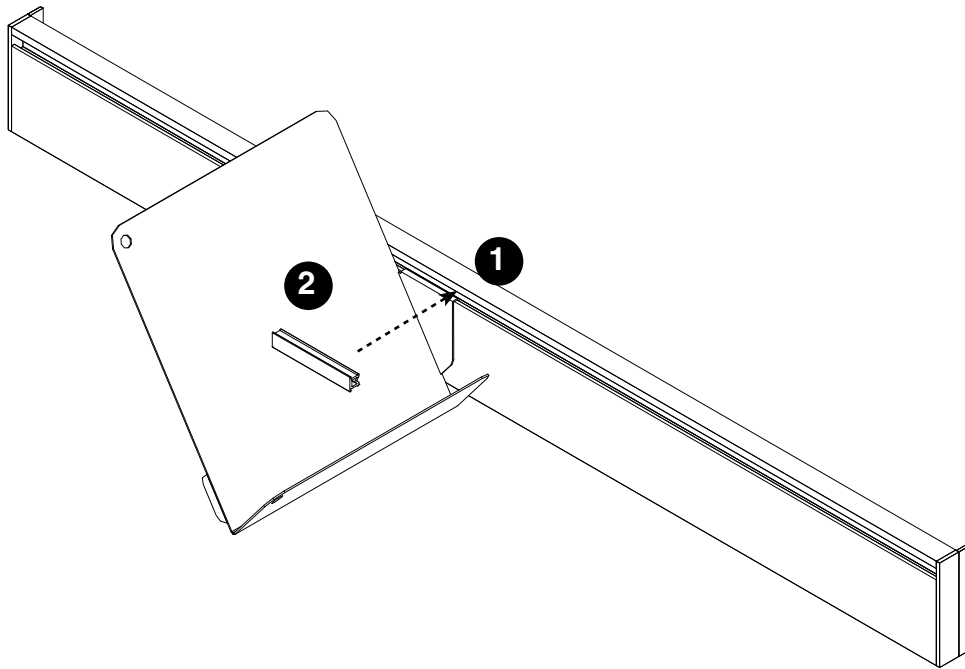
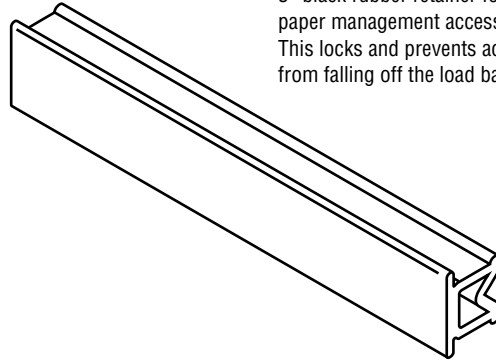


Accessory Retainer

STEP 1: Mount the accessory on the load bar.

STEP 2: Push the accessory retainer (1) into the gap above the accessory (2) to lock it into place.

3" black rubber retainer for use with paper management accessories. This locks and prevents accessories from falling off the load bar.



INSTALLATION GUIDELINES

General Cleaning

General Cleaning

The guide was compiled using information from our material suppliers and is relevant only to our standard fabric and finish offerings.

Panel Frames / Hardware

The panel frames are manufactured out of rigid “closed box” aluminum with an epoxy powder coated enamel. To clean the frames of the panels and all hardware associated with Boulevard, use a clean, damp cloth. For stubborn stains on the panel frames, add a mild detergent to the water.

Laminate Surfaces

The worksurfaces are manufactured using primarily Nevamar® brand high pressure laminates as the exposed surface. For light stains, use a clean, damp cloth. For stubborn stains, add a mild detergent to the water.

Do not to use an ammonia based solution. It may react with the PVC or wood edge trim, possibly causing permanent damage to the contacted areas.

Wood Finishes

The wood components of the Boulevard product are manufactured by Teknon Wood. They are manufactured to strict specifications, and as a result, are easy

to care for and will maintain their appearance for many years. Wipe the surface in the direction of the grain first with a damp cloth, then with a dry cloth. If the surfaces are still soiled, add a mild soap solution to the water. Wipe with a damp cloth after the solution application and then a dry cloth.

Each motion of the cleaning must be done with the grain to prevent scratching.

Accessories

The accessories sold with the Boulevard product line can be cleaned with a clean, damp cloth. If the surfaces are soiled, a mild soap solution may be added. Wipe with a damp cloth after the solution application and then a dry cloth.

Fabrics

The content of the fabric and the nature of the stain will determine which cleaning process is to be used. Please refer to page 152 for guidelines.

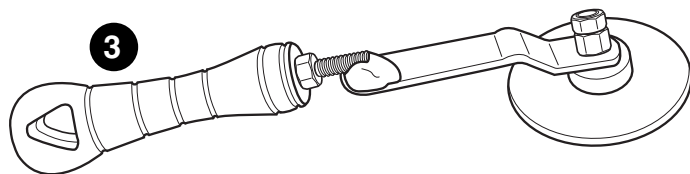
Glazing

The standard glazing is acrylic, therefore it should only be cleaned with a damp lint free cloth or mild detergent.

Do not use paper towels and window cleaner—this will cause scratches.

Replacing Panel Fabric

REFERENCE #	PART#	DESCRIPTION	QUANTITY
1	010030002NAT	Inner Spline - Natural	Per foot
2	010030002CLR	Outer Spline - Clear	Per foot
3	BAFR02	Spline Roller	1
4	BAPICK01	Installation Pick	1
5	BAIB01	Installation Block	



All fabric on Boulevard panels, regardless of the model number, is held in place by a double spline system. The “inner” spline is always a white or natural colour. The “outer” spline is either colour coordinated to the frame or clear (as of June 2000). Replacing fabric on Boulevard panels in the field is achieved by following the procedures below:

It is not necessary to remove the panel from the installation if you are only recovering the upper portion of a raceway panel. However, the panel should be removed in order to replace the lower portion as the kickplate and leveling glides have to be removed in order to replace the lower fabric.

If you are recovering the lower portion of a raceway panel, the spill guard acts as the outer spline. It is not necessary to add the outer spline where the spill guard will be installed.

Existing Spline – it is possible to utilize the existing spline when re-fabricing the panel though not recommended as it may be stretched out and not provide strong enough holding power.

Curved Panels – fabric is applied using an adhesive process. Field replacement is not recommended.

Fabric Covered Raceways – fabric is applied using an adhesive process. Field replacement is not recommended. Field converting PVC raceway covers into fabric covered raceways is not recommended as fabric covered raceways have rounded edges to prevent fabric from tearing.

STEP 1: Remove the panel from the installation if necessary.

STEP 2: Remove the raceway cover(s), kickplate and spill guard from the panel, if applicable.

STEP 3: Remove the outer spline from the section(s) of the panel where the fabric is being replaced with a pick. It is easiest if you are able to locate one end of the spline.

STEP 4: Remove the inner spline. It is easiest to start at one corner of the panel to remove this spline. Both steps 3 and 4 can be best accomplished by utilizing an awl or “pick” type tool. Be careful not to scratch the finish on the panel while removing either of the splines. Once both of the spline sections are removed, the fabric can easily be removed from the panel and discarded.

STEP 5: Replacing the fabric – Cut the fabric, leaving approximately 1” around the entire perimeter. Ensure that the fabric “grain” is parallel with the frame of the panel and in the desired direction. Place the inner spline around the entire section of the panel to be recovered.

STEP 6: Using a spline roller, roll the spline into the groove of the panel all the way around while pulling the fabric taut. Pay particular attention to the corners where the fabric has a tendency to pucker.

STEP 7: Once the inner spline has been rolled in properly around the entire perimeter of the panel, you may need to trim off the excess fabric. Use a sharp pair of scissors and cut the fabric to within 1/4” to 1/2” of the panel frame. At the corners, cut the fabric on a 45 degree angle, cutting it as close to the panel as possible without cutting the fabric on the panel. Continue to roll the inner spline into the groove of the panel. This will also roll in the excess fabric once it has been trimmed.

STEP 8: Install the outer spline into the groove using the spline roller to ensure that it is securely rolled into the groove evenly around the entire perimeter of the panel. It is important to pay particular attention to the corners. Ensure that the corners are tucked in properly and that the spline is hidden all of the way around the perimeter.

STEP 9: Re-install the raceway covers, kickplate and spill guard if applicable.

INSTALLATION GUIDELINES

Fabric Cleaning Chart

STAIN	OLEFIN	POLYESTER	NYLON
Blood	1,2,3	2,3	1,2,3
Carbon Black	2	2,5,6	1,2,3
Chewing Gum	4	9	9
Chocolate	1,2,3	1,2,3	1,2,3
Coffee	2,4,6	2,6	1,2
Cola Drinks	2	2	1,2
Crayons	5	2	2
Dirt	2	2	2
Fruit Juice	1,2	1,2,4	1,2
Fruit Stain	1,3	1,2,6	2,6
Ink (Permanent, India/Ball Point)	2,4,5	8	1,2,3,4,5
Ink Washable	1,2	1,2	2
Iron rust	1,7	1,2	2,6
Linseed Oil	4	8	2
Nail Polish	4	2,5,6	5,8
Oil	4,5	8	1,2,4
Paint (Latex)	1,2,5	2,5,6	1,2
Paint (Oil)	5	8	5,8
Tea	2	2,5,6	1,2
Watercolours	1,2,6	1,2,6	1,2,6

1. Water
2. Detergent solution
3. Detergent/ammonia 4
4. Volatile-type solution
5. Paint, oil or grease remover
6. Undiluted white vinegar
7. Oxalic or citric acids
8. Professional cleaner
9. Freeze with ice cube, shatter with blunt object, vacuum, apply spot remover, blot, repeat if necessary

Replacing Panel Glazing

Glazing retainer strips hold glazing into panel. Glaze filler is the channel that the glazing sits within.

Example of a cut away section of glazing

STEP 1: Remove retainer strips from one side of the panel only. All four strips must be removed.

STEP 2: Remove old glazing.

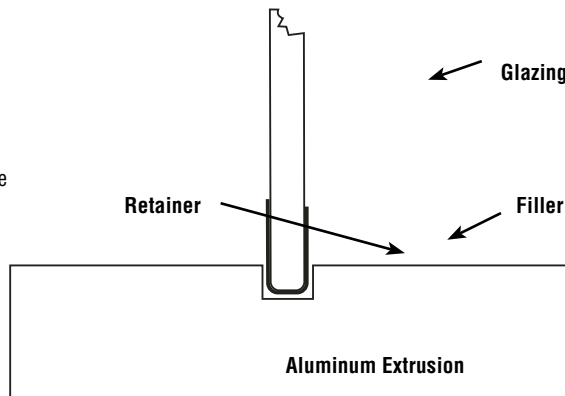
STEP 3: Insert new glazing on top of glaze filler (which remains in the frame).

STEP 4: Place new glazing retainer strips in all four edges. They may have to be trimmed slightly.

STEP 5: Lay a nylon block or similar material against the glazing which is up against the new retainer strips.

Block must not be of an abrasive material.

STEP 1: With a mallet, gently knock the glazing retainer strips into their final resting position.



Replacing Panel Glazing on Curved Panels

This requires two installers.

STEP 1: Remove existing glazing.

There are no filler strips or retainer strips holding the glazing in place on a curved panel. The glazing is pressure fit into the groove in the extrusion.

Glazing for curved panels is not shipped pre-formed, it is shipped flat.

STEP 2: Lay the panel down on the ground so the "arc" of the panel is face up. (See illustration at left.)

STEP 3: The replacement glazing is cut 1/4" shorter than the opening. This dimension varies with the height of the panel. The width is consistent.

STEP 4: Before installing new glazing, place a piece of outer spline (same colour as frame) into the groove which is on top of the raceway. (Only install in this one groove.)

STEP 5: Start installing glazing along the vertical/straight edge of the panel.

STEP 6: Curve the glazing (to match the natural curve of the panel) and insert the

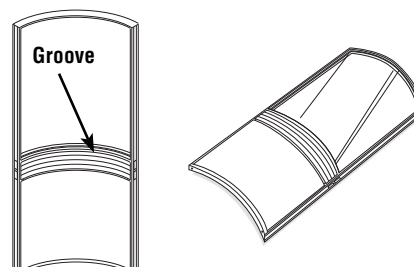
other end of the glazing into the groove on the opposite side of the starting point.

STEP 7: Slide the glazing up into the groove in the top horizontal extrusion.

STEP 8: Stand the panel upright.

STEP 9: Slide the glazing down slightly into the bottom groove where the spline was originally placed.

Be careful not to slide the glazing down too far, you could disengage the top. The spline acts as a filler, compensating for the 1/4" in height.



INSTALLATION GUIDELINES

Name Plate

STEP 1: Insert a paperclip into the opening along the edge of the frame as illustrated.

STEP 2: Push the paperclip toward the centre and lift the transparent screen. Place name card into the frame and replace the screen.

STEP 3: Carefully loosen the two screws holding the brackets. Ensure that the brackets do not come apart.

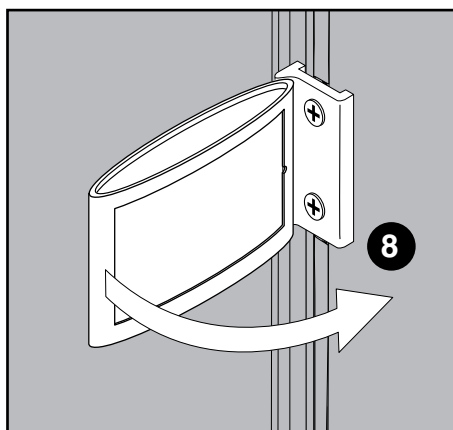
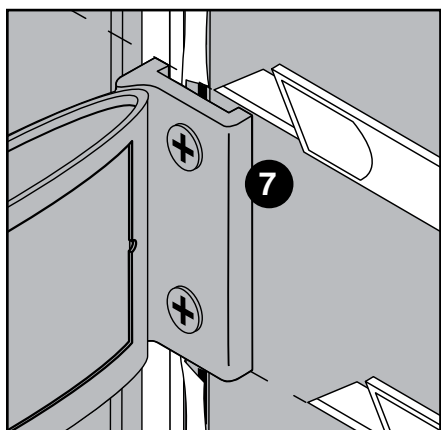
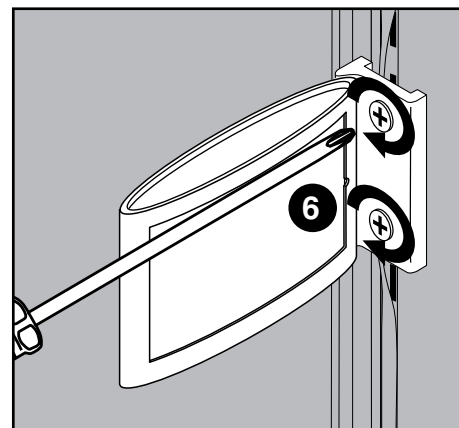
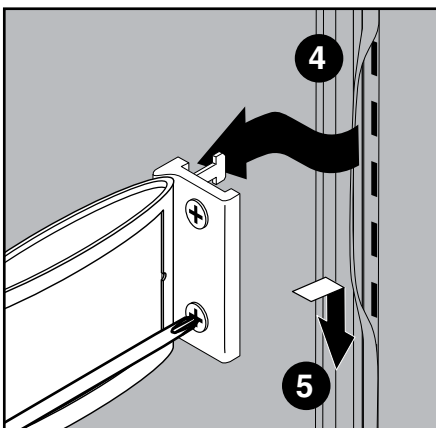
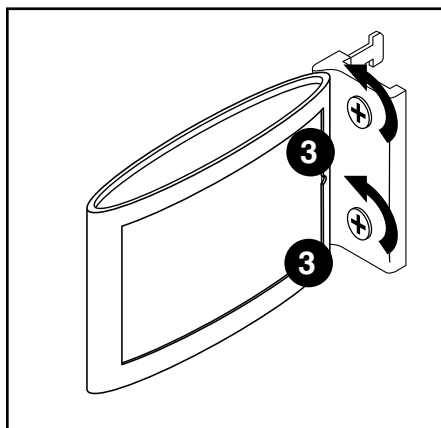
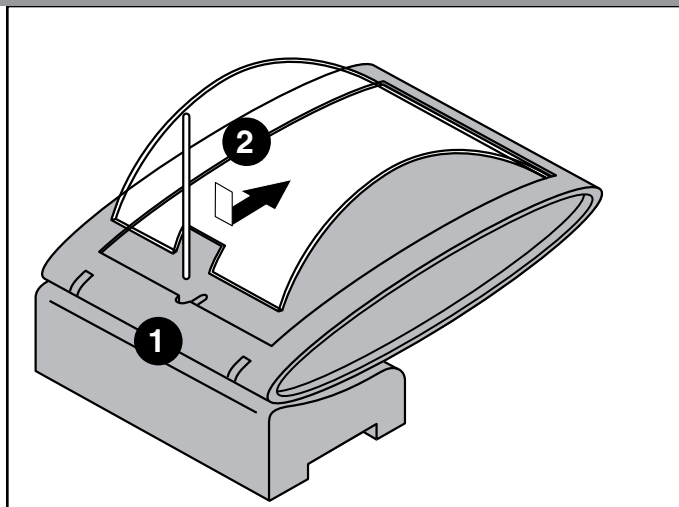
STEP 4: Lift panel connector flap and insert the steel bracket with hooks into panel's slots so that the slot connector flap ends up between the steel toothed bracket and bracket housing.

STEP 5: Press the bracket housing tight against the panel with one hand while applying horizontal pressure on the screw with the screwdriver. Engage panel slots by sliding the bracket housing and the bracket down.

STEP 6: Tighten both bracket screws. Do not overtighten.

STEP 7: Cut connector flap immediately above and below the bracket housing so it remains flat against the panel surface (except the section between the bracket housing and the bracket).

STEP 8: Adjust the frame to desired position (parallel or perpendicular to panel surface).



GLOBAL FURNITURE GROUP SHOWROOM

1350 Flint Road, Toronto, Ontario, M3J 2J7

Sales & Marketing • TEL: 1-877-446-2251 • FAX: 416-667-0338

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