

# SIEMENS SEBKP1P2P3V1

## Installation Instructions

for Service Entrance Barrier Kit for  
Vertically-Mounted JD, LD, CJD or CLD Main Breaker  
in Siemens RP1, P2 or P3 Panelboards



This instruction sheet is to support the field installation of Service Entrance Barrier Kit SEBKP1P2P3V1 in a Siemens Revised P1, Siemens P2 (with or without SEM3) or Siemens P3 Panelboard. It is for a Vertically-Mounted JD Main Breaker in a Revised P1 Panelboard OR a Vertically-Mounted JD, LD, CJD or CLD Main Breaker in P2 or P3 Panelboards. This covers both single and three phase panels, either top or bottom fed.

### For Siemens RP1 or P2 Panelboards:

1. Lock off ALL power supplying this equipment before working on it.
2. Remove the panelboard front cover and deadfront.
3. Identify the application this Barrier Assembly (Item 1) will mount to: RP1 or P2 or P2 with SEM3.

**For installation into P2 panel with SEM3 monitored mains:**

The rectangular piece (roughly 1-7/8" x 6-1/8") should be removed from the Barrier Assembly barrier. This piece is perforated on 3 sides and can be removed by hand. When complete, the Barrier Assembly will look like that in Fig. 2.

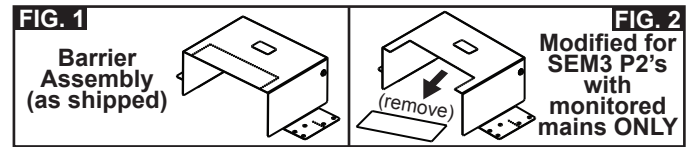
**OTHERWISE PROCEED TO STEP 4**

4. Place the Barrier Assembly over the Service Terminal End of the Vertically-Mounted Main Breaker. Ensure the barrier completely covers the previously exposed breaker lugs.
5. Using the Mounting Hole Legend from Fig. 3 as well as the illustration matching the specific panelboard & application shown below, align the proper holes from the Barrier Assembly to the Base Rails.
6. Drive the metal screws (Item 2 or 3; Fig. 3) through the properly aligned holes of the barrier and into the Base Rail. Tighten all screws to 20 lb-in.
7. Before energizing the panel, ensure that ALL connections have been properly torqued, that the barrier is in place and secure, the deadfront is installed and all fillers are in place.

**THIS KIT CONTAINS THE FOLLOWING ITEMS:**

ITEM	DESCRIPTION	QTY	APPLICATION
1	Barrier Assembly	1	ALL
2	#8-32 x 3/8" IHWHSW Screw	6	(6) P3, (4) P2
3	#10-24 x 7/16" SHWHSW Screw	4	RP1 only
4	P3 Adaptor	2	P3 only

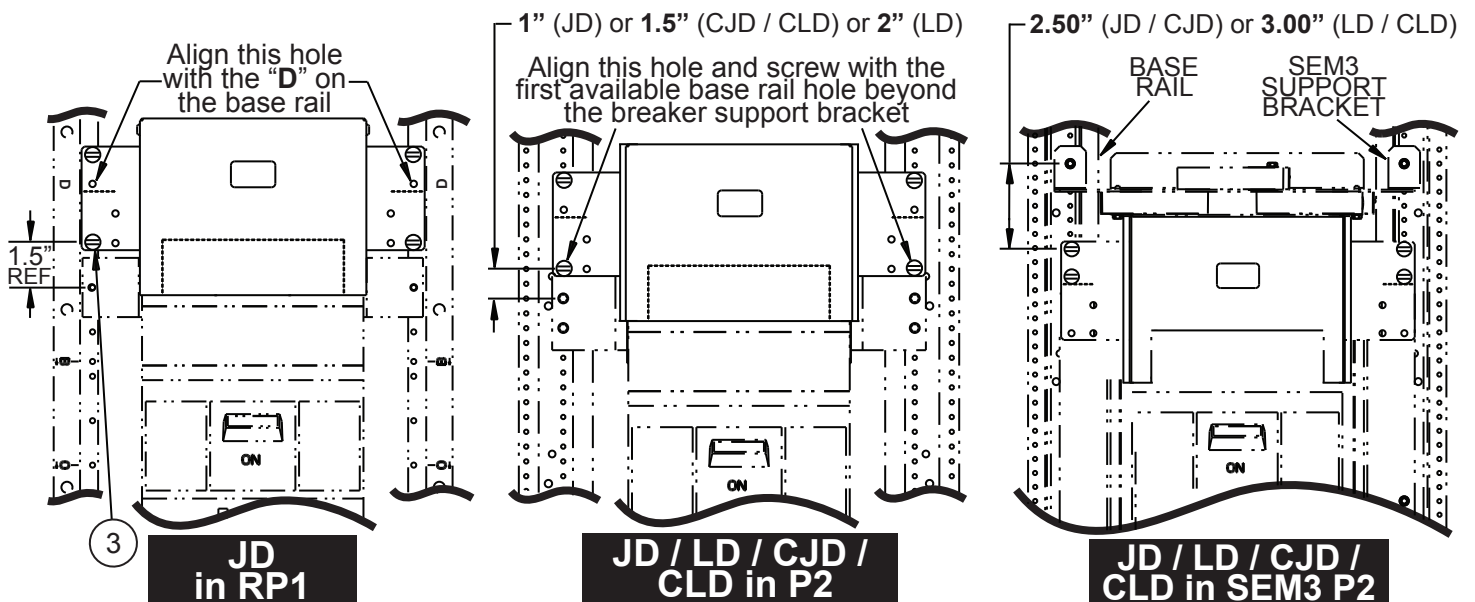
Not every part in this kit will be used; refer to APPLICATION column.



**FIG. 3 Mounting Hole Legend:**

RP1	A & D	#10-24
P2(STD)	A & D	#8-32
P2(SEM3)	A & B	#8-32
P3	C & E	#8-32

Mounting is symmetrical;  
use screws on BOTH sides



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**⚠ DANGER**  
Hazardous voltage.  
Will cause death or  
serious injury.  
Keep out.  
Qualified personnel only.  
Disconnect and lock off all  
power before working on  
this equipment.

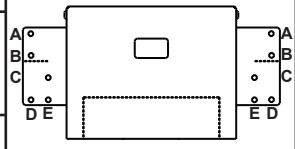
### For Siemens P3 Panelboards:

THIS KIT CONTAINS THE FOLLOWING ITEMS:			
ITEM	DESCRIPTION	QTY	APPLICATION
1	Barrier Assembly	1	ALL
2	#8-32 x 3/8" IHWHSW Screw	6	(6) P3, (4) P2
3	#10-24 x 7/16" SHWHSW Screw	4	RP1 only
4	P3 Adaptor	2	P3 only

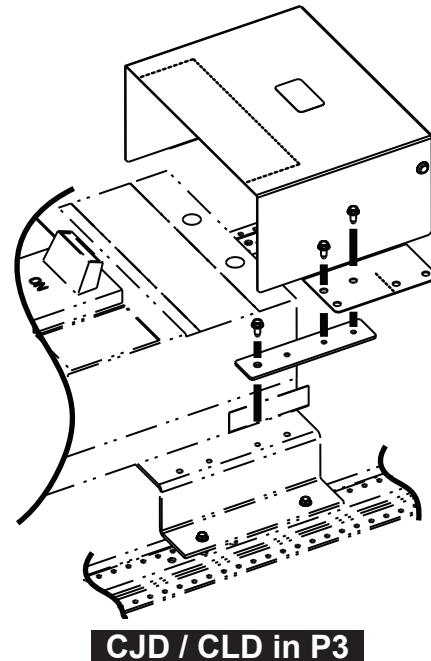
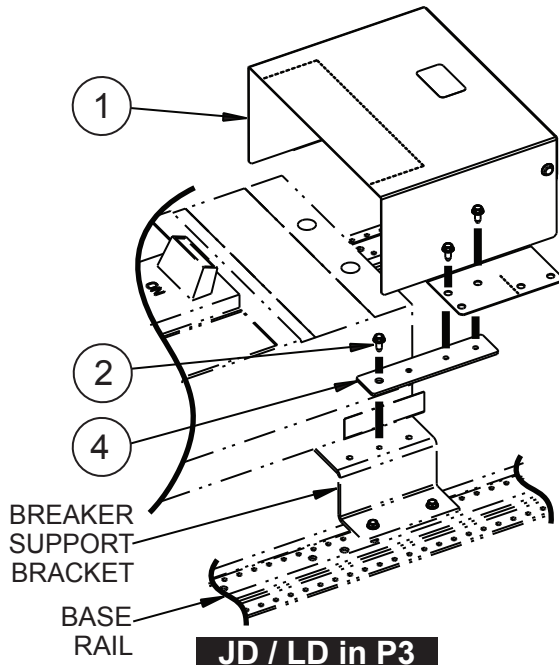
Not every part in this kit will be used; refer to APPLICATION column.

FIG. 3 Mounting Hole Legend:		
RP1	A & D	#10-24
P2(STD)	A & D	#8-32
P2(SEM3)	A & B	#8-32
P3	C & E	#8-32

Mounting is symmetrical;  
use screws on BOTH sides



1. Lock off ALL power supplying this equipment before working on it.
2. Remove the panelboard front cover and deadfront.
3. Identify the Main Breaker application this Barrier Assembly (Item 1) will mount to: JD/LD or CJD/CLD.
4. Locate the P3 Adaptors (Item 4) on the Breaker Support Brackets such that a hole at one end of each P3 Adaptor lines up with the second hole from the Service Terminal End of the Breaker Support Bracket. (See illustrations below.)
5. Drive a #8 screw (Item 2) through each P3 Adaptor and into the Breaker Support Bracket. Tighten both to 30 lb-in.
6. Locate the Barrier Assembly (Item 1) on top of the P3 Adaptors such that two holes closest to the vertical barrier wall align with the two holes farthest from the screw from Step 5.
7. Drive the four #8 screws (Item 2) through the properly aligned holes of the barrier and into the P3 Adaptors. Tighten these four screws to 20 lb-in.
8. **Before energizing the panel,** ensure that ALL connections have been properly torqued, that the barrier is in place and secure, the deadfront is installed and all fillers are in place.



These instructions do not purport to cover all details or variations in equipment, or to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise, which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the local Siemens sales office. The contents of this Instruction manual shall not become part of or modify any prior or existing agreement, commitment or relationship. The sales contract contains the entire obligation of Siemens. The warranty contained in the contract between the parties is the sole warranty of Siemens. Any statements contained herein do not create new warranties or modify the existing warranty.

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