

Summary	Adjusting ABM Motor Brake Assemblies				
Products Affected	All Spiral Doors with ABM Motors				
Key Word Tags	ABM, Brake, Adjustment				
Tools/Equipment (If Required)	Torque Wrench, Feeler Gauge, Metric Sockets				
Parts/Materials (If Required)					
Related Media					
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Disconnect power to the control box before performing any installation.



Refer to the Spiral Door Owner's manual for directions on clamping the door to prevent movement of the door while performing this adjustment.

The brake cover must be removed prior to making the brake adjustment.

1. Remove the protective dust ring from the gap opening. This is the gap opening that will be adjusted in steps 4 and 5.
2. Remove the (3) Hex bolts from the brake assembly.



3. Tighten the hollow-core screws all the way into the brake coil.
4. With no brake pressure against the motor, adjust the gap with the two socket cap screws to .04". Check the gap in several places to ensure correct adjustment.



5. Install the 3 hex bolts and tighten equally until a gap of .011" is achieved. Again, check the dimension in several locations.
6. Back out the hollow-core screws until they firmly seat against the bearing plate.



7. Tighten the hex bolts to 7.4 ft-lbs.
8. Check the gap to ensure it is between .011" and .023". If not, repeat steps 5 through 7 until you have achieved the correct gap setting. The adjustment in step 5 may have to be slightly increased or decreased to get the correct dimension in step 8.



9. Re-install covers and brake release arm.
10. Re-apply power and test the operation of the door.

If you have any questions contact Rytec Technical Support at 1-800-628-1909