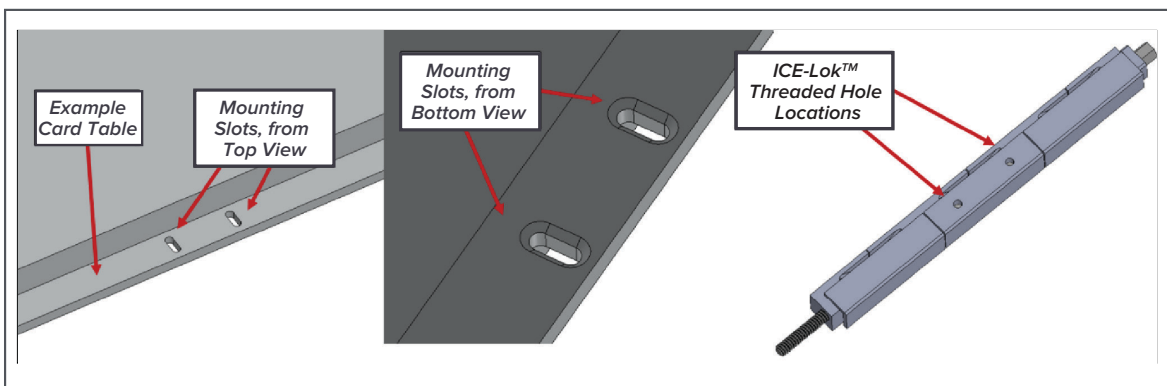




ICE-LOK™ - INSTALLATION INSTRUCTIONS

Step 1: Install ICE-Loks™ to Card Module

The ICE-Lok™ card retainer is designed to be installed onto a card module with a sufficiently sized card tab, with properly machined mounting slots. Figure 1 shows the slot detail on a card tab. Two screws can be inserted into the card tab slots and threaded into the tapped full-wedge of the ICE-Lok™. The screws will clamp the ICE-Lok™ to the card module, but will slide in the slot as the ICE-Lok™ is actuated due to the much higher force generated by the wedging-action. Torque should be minimized on the screws during installation so lateral motion of the wedge isn't prohibited and prevent excessive wear of the coating as the wedge slides.



Scan with smartphone to visit the ICE-Lok™ webpage to access
- Videos
- Instructions
- .STEP files

Figure 1. Slot detail to be machined in a card tab.

Step 2: Install Card Module to Chassis

Both a left and right card retainer are required for a single card module. Proper installation must be observed to achieve maximum thermal effectiveness. To verify correct installation orientation. Refer to Figure 2.

Step 3: Apply Installation Torque

Once the card module is installed, the ICE-Lok™ card retainers may be actuated to begin clamping the card in place. Care must be taken to balance the actuation between the left and the right ICE-Lok™ for the greatest thermal effectiveness. It is recommended that the left and the right ICE-Loks™ be tightened a similar number of turns by first tightening both sides evenly, and to “hand-tightness”. Then, when both retainers are tight, the full installation torque of 20 in-lbs for the 375 Series and 12 in-lbs of torque for the 250 Series may be applied to the actuating bolt.

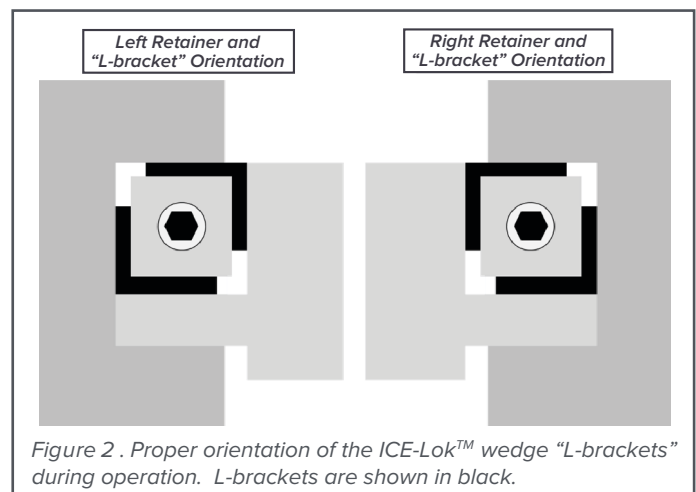


Figure 2. Proper orientation of the ICE-Lok™ wedge “L-brackets” during operation. L-brackets are shown in black.

QUESTIONS?

For additional support, call ACT at 717.295.6061.