

ESCOUTE



BRIC 8

Assembly Instructions

Assembly Document # IN91099

MAC-PANEL

"Connecting You To The Future"

CORPORATE HEADQUARTERS

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Tools Required

1/4" Box Wrench
1/16" Punch
2.0 mm Allen Wrench
MAC Panel Alignment Tool #412640
MAC Panel #412654 Extraction Tool
#1 Phillips Head Screw Driver
Small Hammer

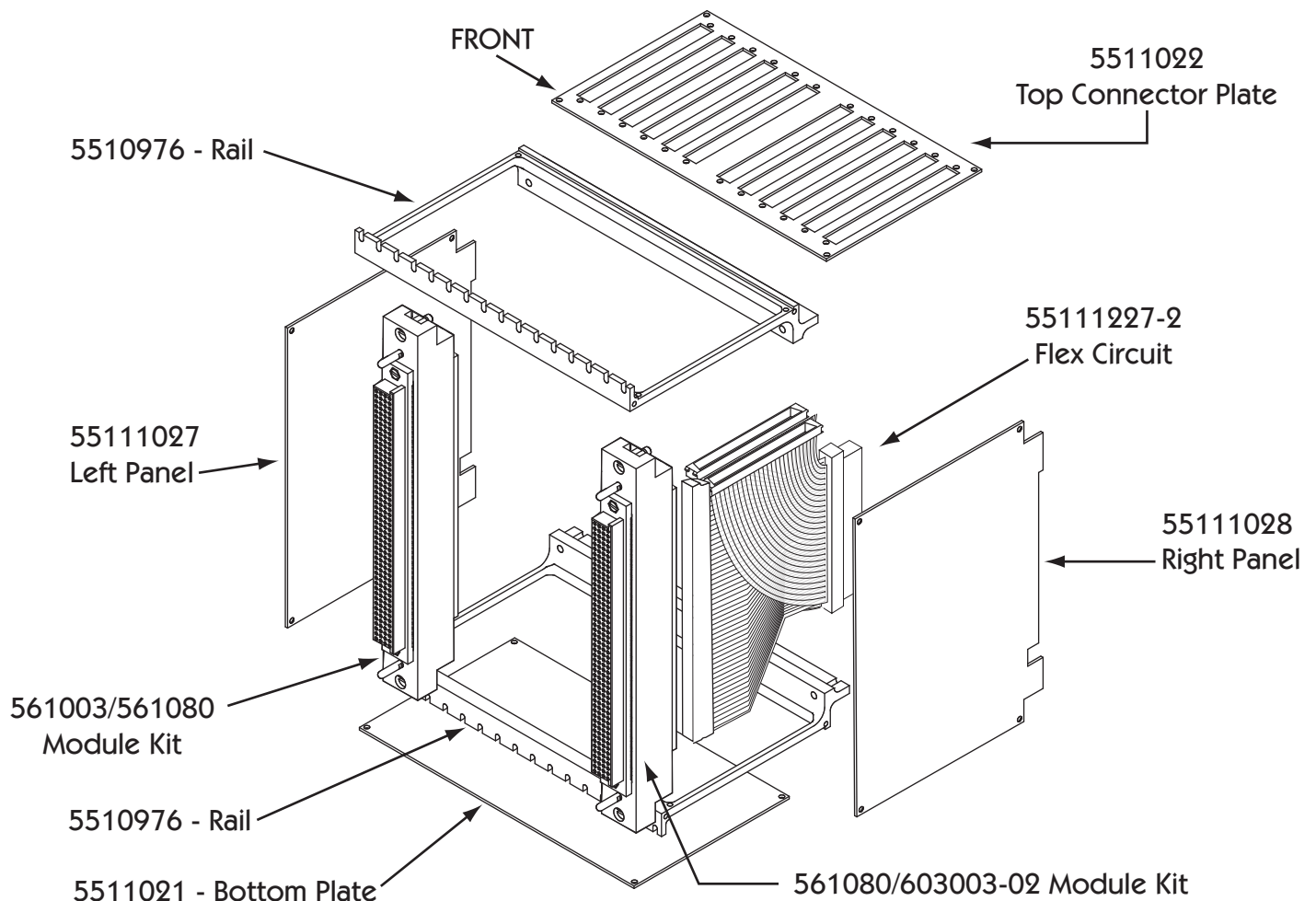
Notes:

Note 1. All pieces of the DAK assembly should only be hand tightened until the frame is completely assembled. Once assembled, use the MAC Panel alignment tool #412640 to hold the offset bolts (T Bolts) in place. Using this tool, make sure the DAK assembly is square and parallel to the BRIC unit.

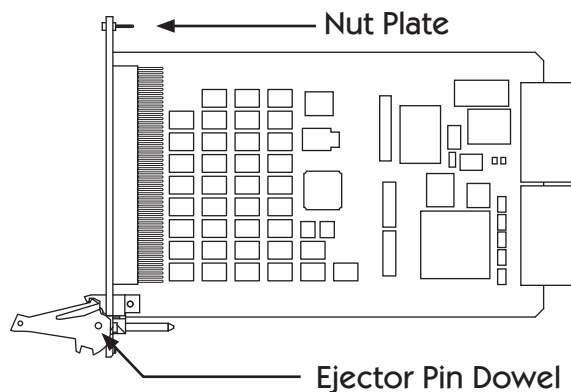
Note 2. Installation of the flex circuits and MAC Panel modules should start on the right side of the BRIC8 device and work to the left, completing one receiver module at a time.

Note 3. Please notice that the top connector plate is .125 inch wider on the front edge than the rear edge. Make sure of proper orientation to ensure ease of SCSI connector installation.

Components

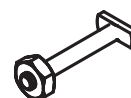
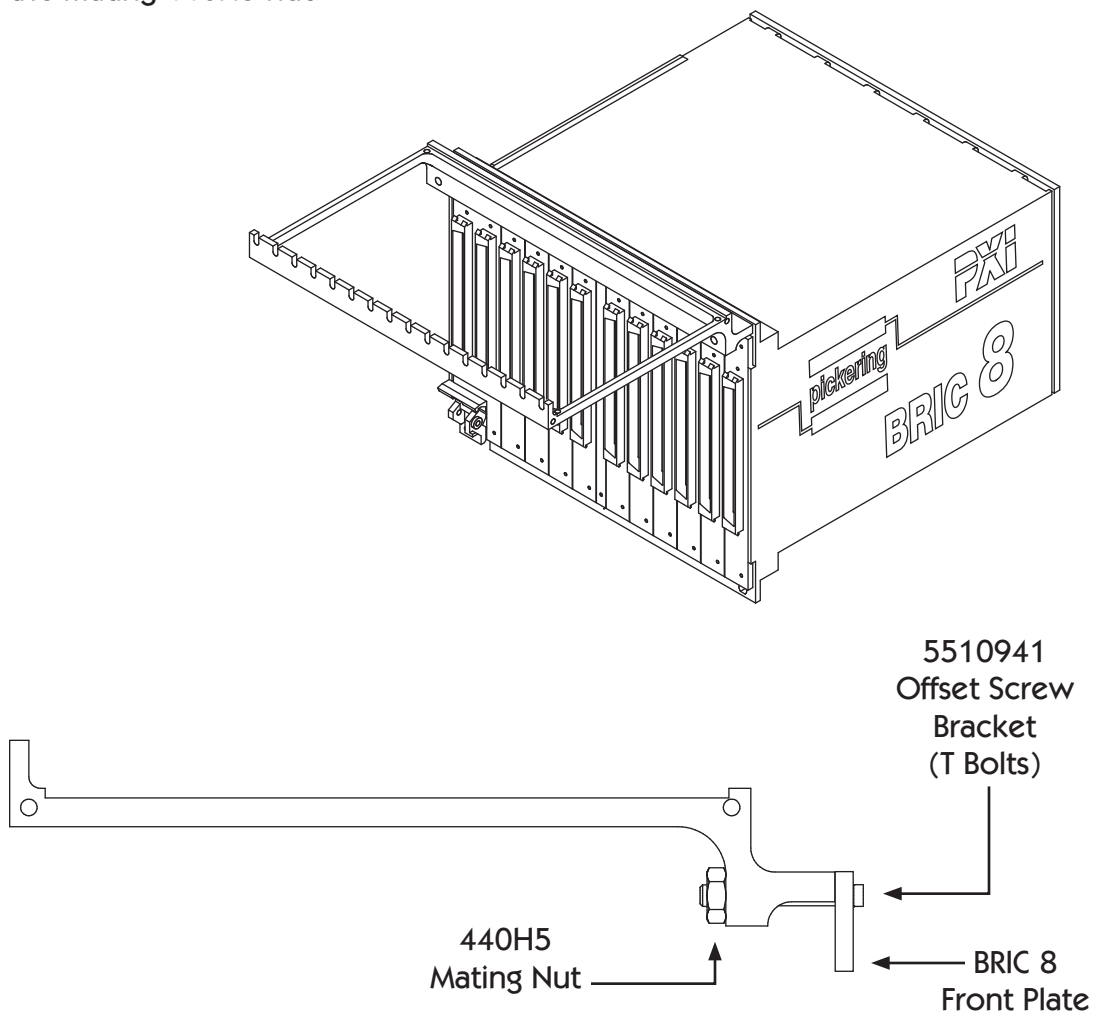


Step 1. Knock out the nut plate on the top of the PXI card mounting face.



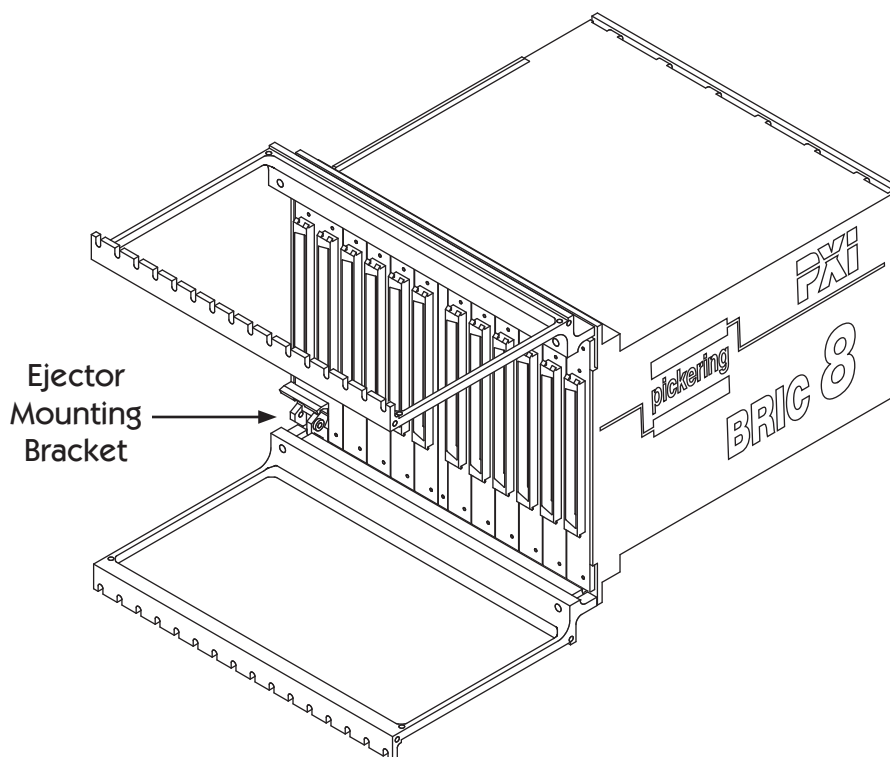
Step 2. Use the 1/16" punch and small hammer to push out the dowel holding the ejector pin in the bottom of the PXI card. The ejector pin must be removed from the PXI card to enable the BRIC8 to mate to the DAK rails.

Step 3. Mount the top rail of the DAK using two (2) each 5510941 offset screw brackets (T Bolts) and the mating 440H5 nut.



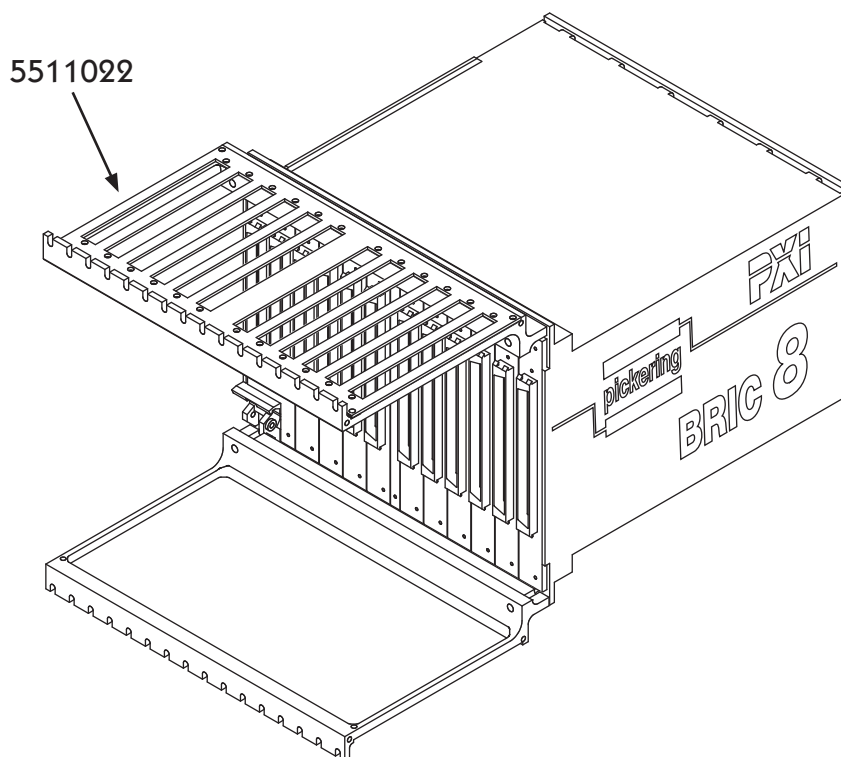
5510941
Offset Screw
Bracket
(T Bolts)
with
440H5
Mating Nut

Step 4. Mount the bottom left side DAK rail using one (1) 5510991 socket cap screw. Attach this screw to the threaded metallic ejector mounting bracket located on the bottom left of the BRIC 8.



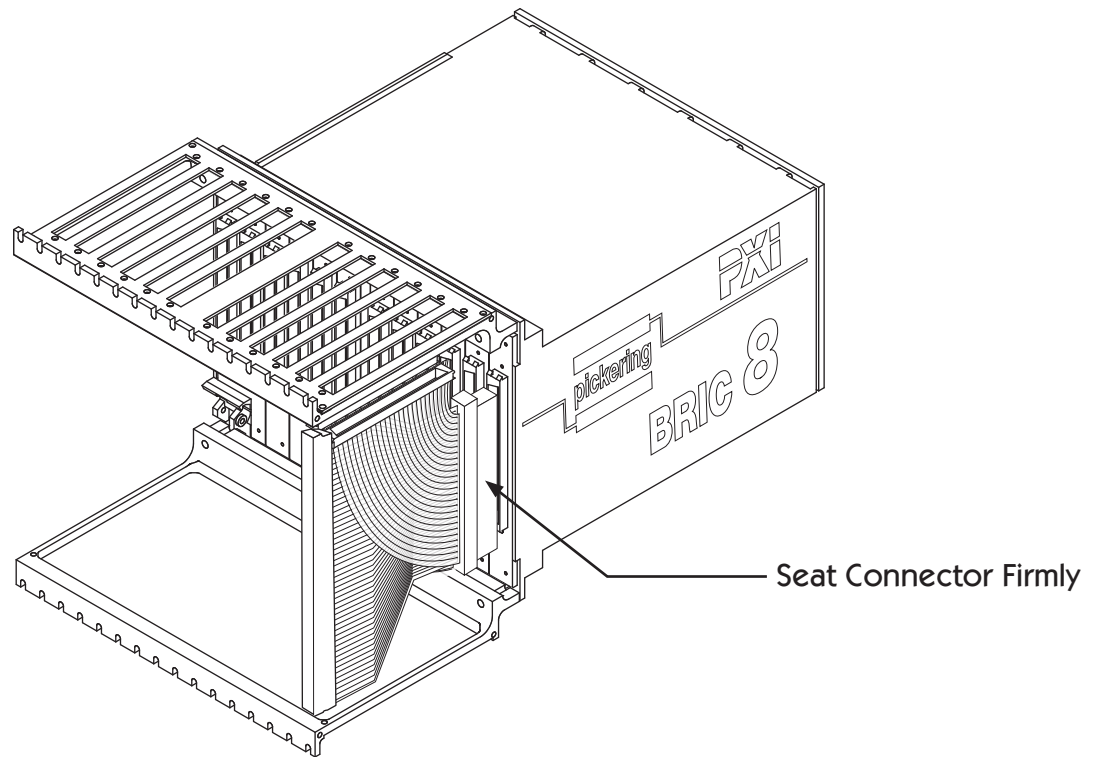
Step 5. Mount the bottom right side of the DAK rail using one (1) 5510941 offset screw bracket (T Bolts) and the mating 440H5 nut.

Step 6. Install the top plate, (5511022) using four (4) each 256C#5 screws . This plate has 12 connector cutouts to attach the top facing flex monitoring connectors.

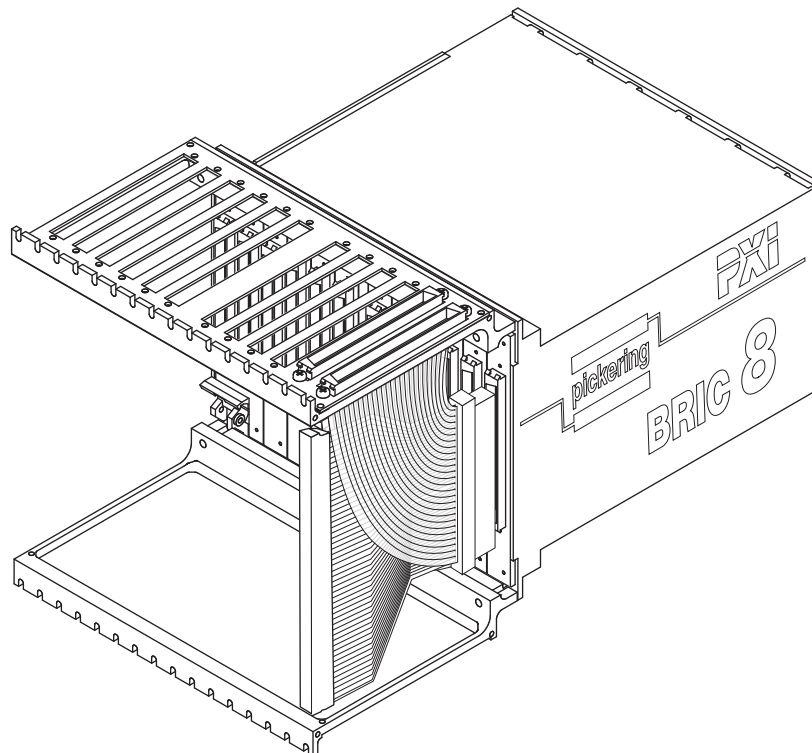


Step 7. Install flex circuit card into the BRIC unit first. Make sure the connector is firmly seated onto the face of the PXI switch connector.

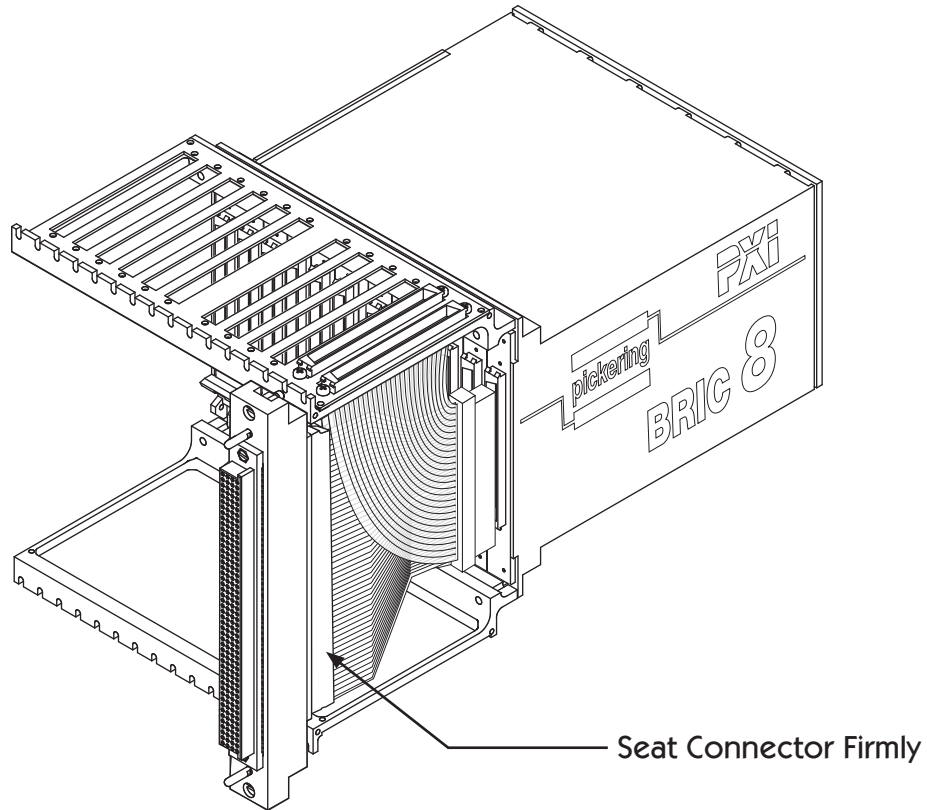
Warning! Do Not over stress the flex circuit at any time during assembly.



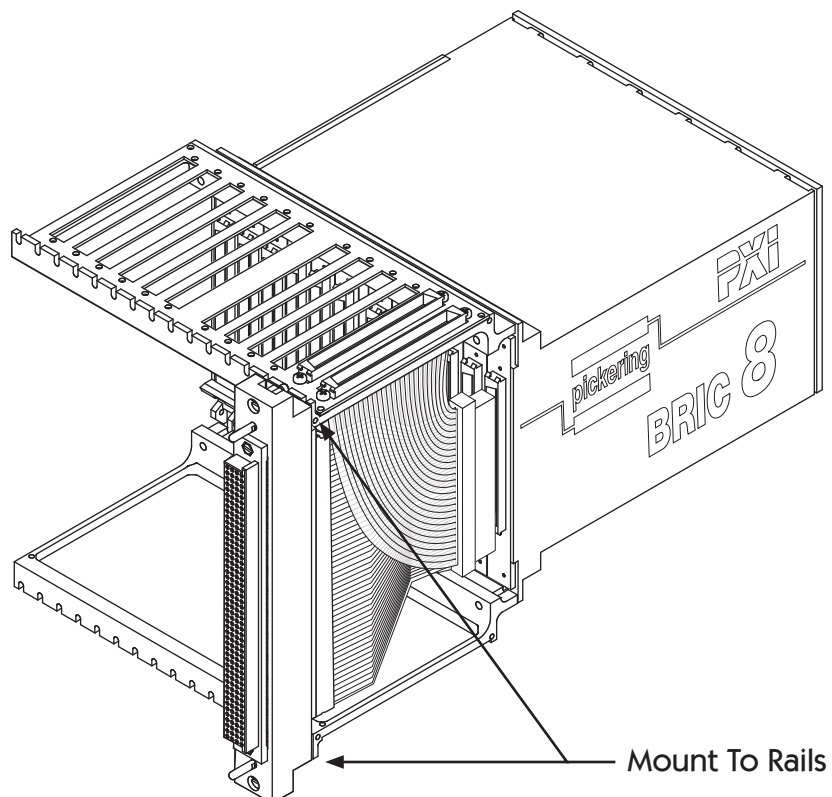
Step 8. Install the top facing flex monitoring connectors into the 5511022 top panel with two (2) each M25C#5 screws for each connector.



Step 9. Install the front facing flex connector into the rear of the corresponding MAC Panel module. Make sure the connector is firmly seated onto the back of the module.



Step 10. Mount the 561080 with 603003-02 installed into the front of the DAK assembly using four (4) each 256D45 screws.



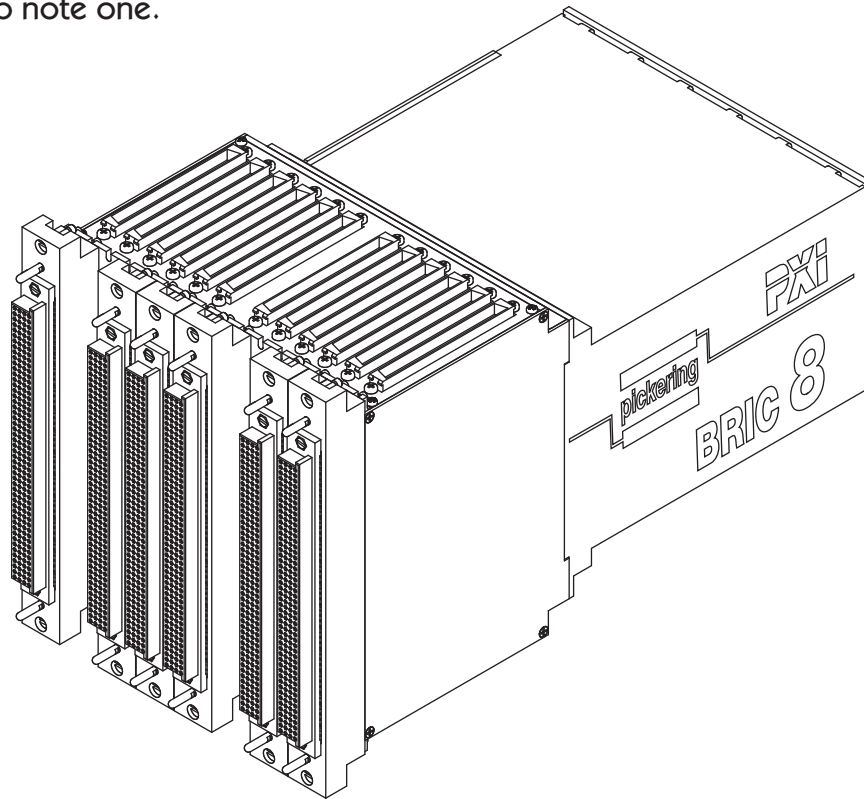
Step 11. Repeat Steps 7 thru 10 until all modules have been installed.

Step 12. Mount the (5511028) right side plate using four (4) each 256D85 screws.

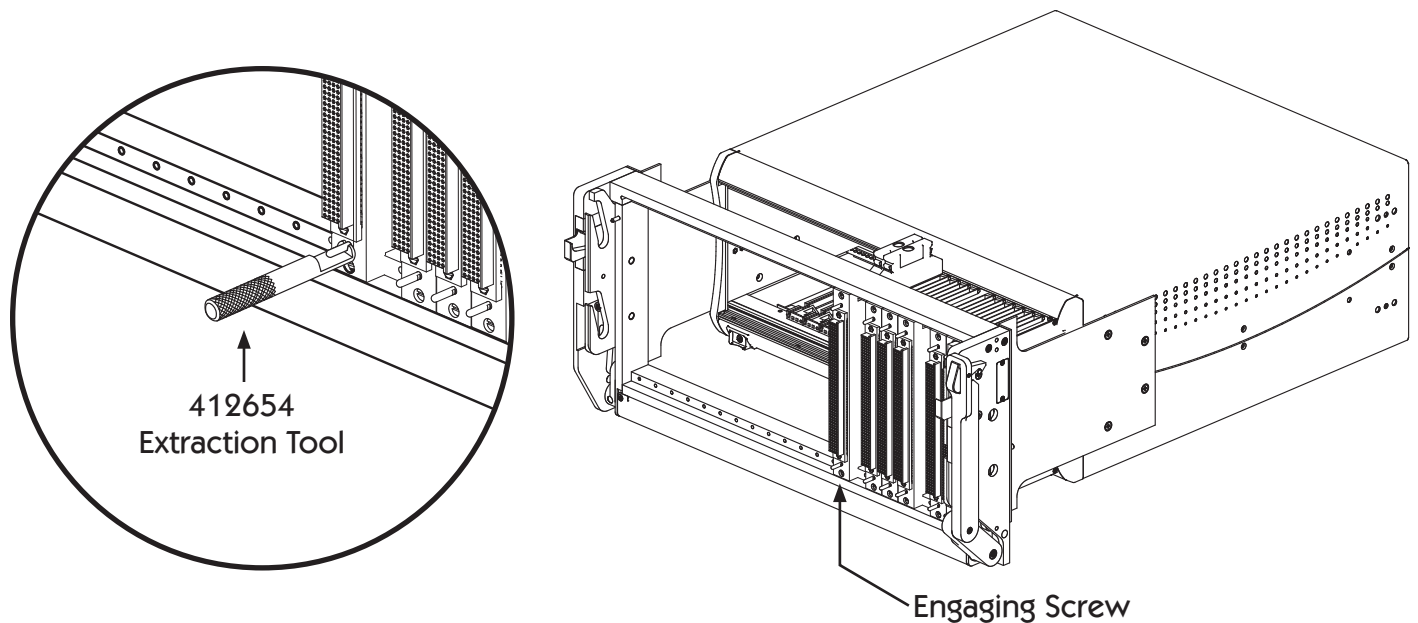
Step 13. Mount the (5511027) left side plate using four (4) each 256D85 screws.

Step 14. Mount the (5511021) bottom plate using four (4) each 256D85 screws.

Caution. Refer back to note one.



Step 15. To install the BRIC8 unit into a PXI chassis, the bottom left (engaging) screw **MUST** be tightened first into the SCOUT receiver. This will affix the BRIC8 to the PXI chassis back plane. All other carrier screws must then be tightened, sequentially. To disengage the BRIC8 from the PXI chassis, reverse this procedure. Loosen all passive screws first, then loosen the engaging screw. Now use the 412654 extraction tool to hook onto the bottom left notched guide pin and pull the BRIC8 from the PXI chassis.





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