

**Purpose:**

Replace the EIM K-15 micro relay with a solid state mini relay in order to increase the relay cycle time.

**Instructions:**

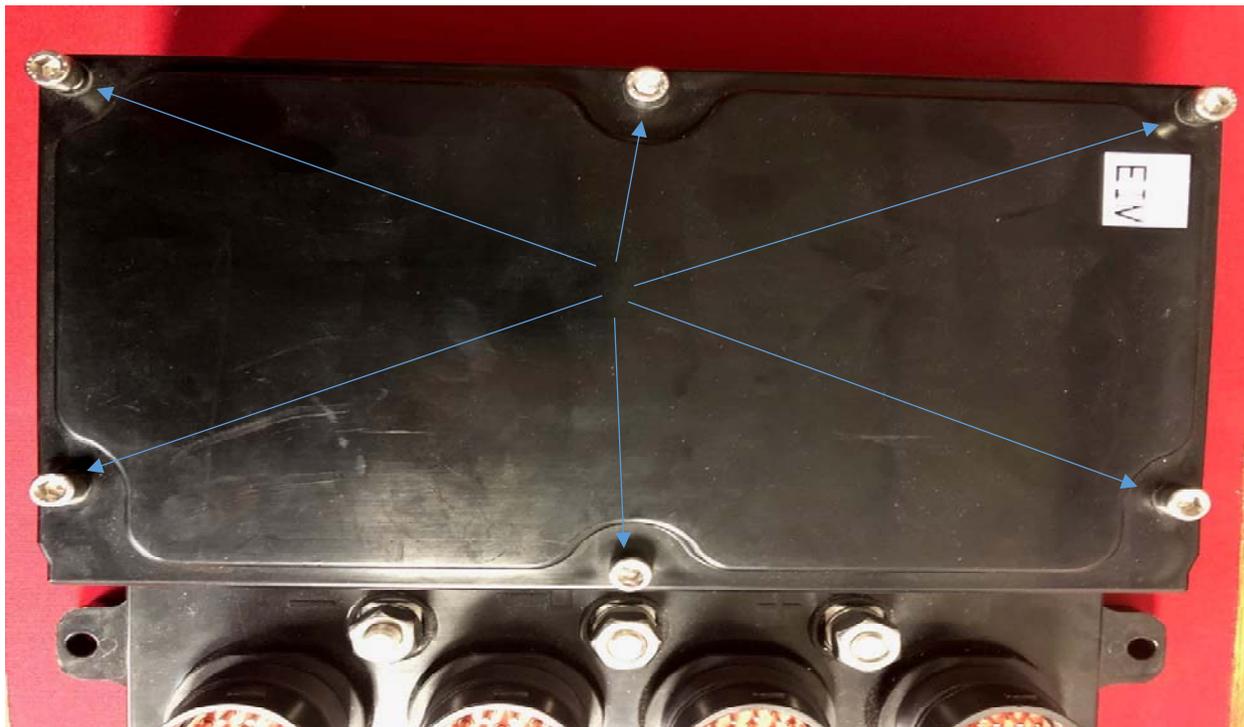
Before conducting any repair to the electrical system, disconnect the ground cables from the batteries.

Replacing the relay requires removing the EIM module from the officer side step.

This can be done by disconnecting the circular connectors and power cable connector from the back of the EIM box.

Remove the face plate hardware holding the EIM box to the officers step then pull the EIM box out through the step face.

The EIM box bottom plate can now be removed to access the Engine Interface Module.



*Figure 1 - Engine Interface Module disassembly*

Remove the six hex head screws holding the module top cover.



Figure 2 – Remove relay K-15 from far right location

Identify the K-15 relay in the top right corner. Additionally there is a label printed on the relay board. Pull Relay K-15 from the relay base using a back and forth rocking motion.

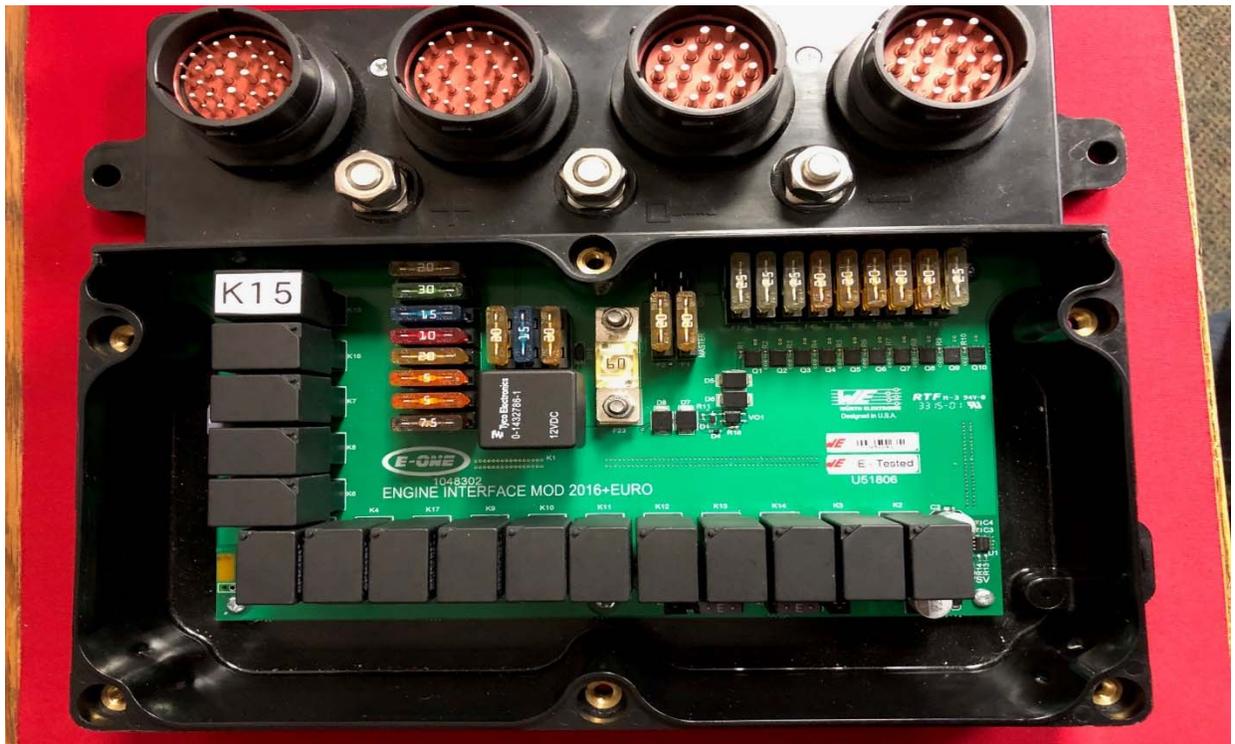


Figure 3 – EIM solid state relay E-One part # 1101384 in K15 position

Install the new solid state relay supplied in the EIM K15 position.

The top cover can be reinstalled to the module.

Reassemble the EIM box and install it into the officer side step. Then reconnect the circular connectors and power cable to the EIM box.

Reconnect the ground cables to the batteries.

If you have questions concerning this bulletin, please contact the E-ONE Customer Support Department at (352) 237-1122.