

**NO:** MB2008CC-37  
**DATE:** 10/9/2008  
**TO:** **Original Equipment Manufacturers**  
**FROM:** Emerson Climate Technologies, Inc.  
**SUBJECT:** **New Plating on Terminal Block Screws**  
**EFFECTIVE DATE:** Immediately

As part of our continuing efforts to provide the highest quality products, we are in the process of changing to new plating on the terminal block screws used with various hermetic, semi-hermetic, and scroll compressors. This change, made to enhance the corrosion resistance of these screws, started at the end of June 2008 and will take six months to be fully implemented in all Emerson plants.

The old and new screws are identical with respect to form, fit, and function. There is no wiring change required, no customer testing necessary, and no UL impact as a result of this new plating. Both current and new screws have plating which is RoHS-compliant.

The following are differences between new and old terminal block screws:

- New terminal block screws will be silver in color versus the current yellow screw color.
- Both screws are zinc plated. The new screws make use of an improved chromate conversion process.
- New screws exhibit five times the corrosion resistance of current screws when tested in an ASTM standard salt fog test.
- Emerson part numbers and screw color are being changed to help plant personnel prevent shipment in error of screws which do not meet the new specification:

<u>Old part number</u>	<u>New part number</u>
100-0495-00	100-0550-00
100-0495-01	100-0550-01

Samples are available from Emerson to assist customers in this transition.

Please contact your Field Sales Manager, Application Engineer, or Customer Service Representative if you have any questions regarding this transition.

Screw drawings and a list of affected compressor models are appended below..

[Click here for a list of affected compressor models.](#)



**Part Numbers: 100-0550-00 and 100-0550-01**  
**New silver-colored terminal block screws**



**Part Numbers: 100-0495-00 and 100-0495-01**  
**Current yellow-colored terminal block screw**