YORK®

SERVICE BULLETIN

File in SJ4 Manual(s).

Supersedes: None	793	Form 160.46-OM3.1 (SB-2)
File with Form: 160.46-OM3.1		

SUBJECT: LIQUID COOLED STARTER SCR BRICK REPLACEMENT

Always use extreme care when replacing the SCR brick assemblies in any liquid cooled starters. Damage to the brick can occur if the insulator material gets torn, or if the insulator becomes contaminated with rusty coolant water which may drip out of the SCR heat exchanger plate, and get onto the surface of the insulator.

The insulator to which we refer is a white vinyl-looking material, located between the surface of the SCR heat exchanger, and the back of the bus-bar which connects to the incoming AC line. This material protrudes approximately 1/2" out of the lower edge of the brick and is required to do so per applicable safety standards. Be certain this 1/2" edge does not get broken or torn.

Also, be aware that each brick will normally contain some small amount of coolant inside the brick at the time it is removed from the starter. This coolant contains inhibitor, and in some cases, a considerable amount of rust. When removing a brick from the starter, keep the brick positioned so that rusty coolant does not drip out onto the insulator surface. Contaminants could get on the insulator material and form a path for electrical current.

If you are involved in a repair which requires removal of an SCR brick - use extra caution to avoid both situations described above. If you discover a questionable tear, or believe there is a chance some coolant water may have gotten onto a brick's insulator, we recommend you replace that brick assembly.

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