



SCR Service Performance Test Reference/Guide

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**EVERY
TIME.**

SCR Service Test

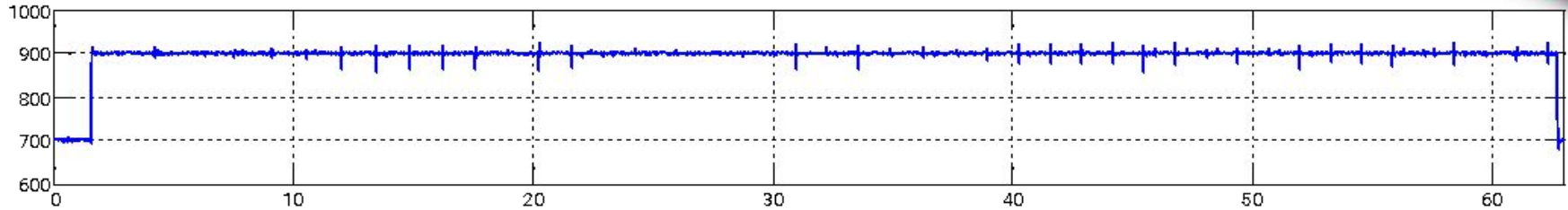
- **When Does it Occur?**
 - SCR Service test automatically occurs during an insite initiated regenerations

- **What does it test?**
 - DEF dosing degradation
 - Catalyst Performance

SCR Service Regen Overview



Service Regen Initiated. This test only runs during "Insite" initiated regenerations

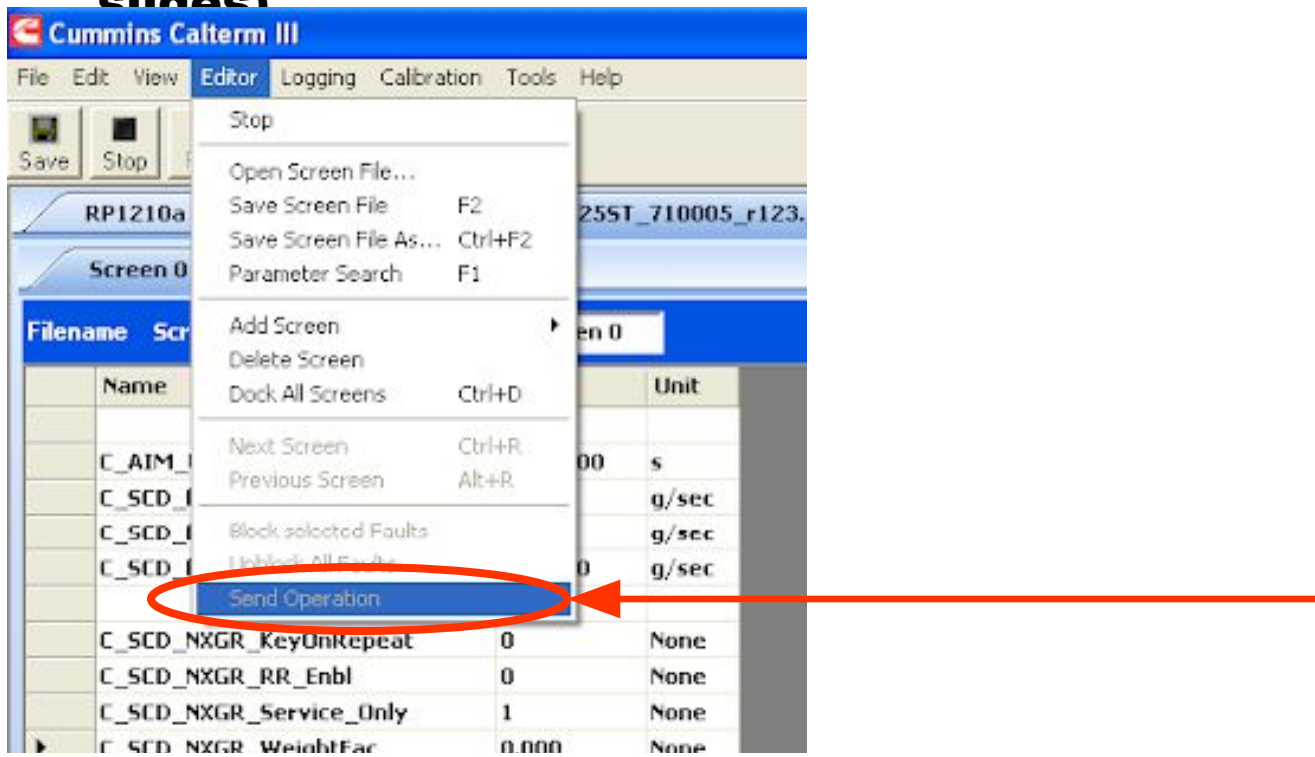


This is the beginning of the SCR efficiency test. The efficiency is determined for each of the three defined ANR's (.5, 1.0, 2.0)

The NOx rationality test must successfully complete before the SCR efficiency test can begin. The NOx rationality test requires DEF dosing to be disabled

Insite Regen With Calterm

- **Use the Send Operation in Calterm (Under Editor) then you have to use the Stationary Regen Execute Operation with ID '10BD' and send '00' to start. (see following slides)**



Insite Regen With Calterm



The screenshot displays the Cummins Calterm III software interface. A 'Send Operation' dialog box is open, showing a table with columns: Device, Cmd, Req ID, Data Sent, Response ID, Return Co..., Return Param..., and Description. Below the table, there are fields for 'Select Command', 'OperationID', and 'Arguments'. The 'ExecuteOperation' command is selected, with '10BD' in the OperationID field and '00' in the Arguments field. A red oval highlights the 'ExecuteOperation' dropdown, the '10BD' field, the '00' field, and the 'Send' button.

Device	Cmd	Req ID	Data Sent	Response ID	Return Co...	Return Param...	Description
00	ECM...						
00	Engir						
00	Vehe						
00	H_CB						
00	H_CB						
00	EMM						
00	EMM						
00	Acce						
00	V_AT						
00	V_AT						
00	V_AT						
00	V_AT						
00	V_AT						
00	H_HI						
00	V_HIM_DFSOV_Cmd	0		None			
00	V_HIM_DFSOV2_Cmd	0		None			
00	H_CPB...						

Product Information: Addr 00, Product_Id-Selected BAB

Event Log: Source, Description

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