

Technical Service Bulletin Number
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TSB130099



Technical Service Bulletin

Subject

ISX12 CM2350 X102 and ISX15 CM2350 X101 Compatible SCR Catalyst Part Number Required with Calibration Update

Issue

Calibrations released after June 21, 2013 will require a compatible selective catalytic reduction (SCR) catalyst part number to be installed.

Verification

If the calibration in the engine control module (ECM) needs to be updated to a revision higher than what is listed in Table A, the compatible SCR catalyst **must** be verified as per Figure 1.

Table A				
ISX15 CM2350 X101			ISX12 CM2350 X102	
Control Parts List 3937	Control Parts List 3938	Control Parts List 3939	Control Parts List 3711	Control Parts List 3712
EF10044.13	EF10045.11	EF10046.11	EF10004.09	EF10043.09
EF10047.12	EF10056.10	EF10064.10	EF10005.09	
EF10048.12	EF10057.10	EF10065.10	EF10008.09	
EF10049.12	EF10058.10	EF10066.10	EF10010.09	
EF10050.12	EF10059.10	EF10067.10	EF10011.09	
EF10051.12	EF10060.10	EF10068.10	EF10012.09	

EF10052.12	EF10061.10	EF10069.10	EF10013.09	
EF10053.12	EF10062.10	EF10072.08	EF10014.09	
EF10054.12	EF10063.10	EF10073.08	EF10015.09	
EF10055.12	EF10070.08		EF10016.09	
EF10074.07	EF10071.08		EF10017.09	
			EF10018.09	
			EF10019.09	
			EF10020.09	
			EF10021.09	
			EF10022.09	
			EF10023.09	
			EF10024.09	
			EF10025.09	
			EF10026.09	
			EF10027.09	
			EF10028.09	
			EF10029.09	
			EF10030.09	
			EF10031.09	
			EF10032.09	
			EF10033.09	
			EF10034.09	
			EF10035.09	
			EF10036.09	
			EF10037.09	
			EF10038.09	
			EF10039.09	
			EF10040.09	
			EF10041.09	
			EF10042.09	
			EF10075.04	
			EF10076.04	

EF10077.04

How to visually inspect for the SCR catalyst that is needed with an updated calibration:

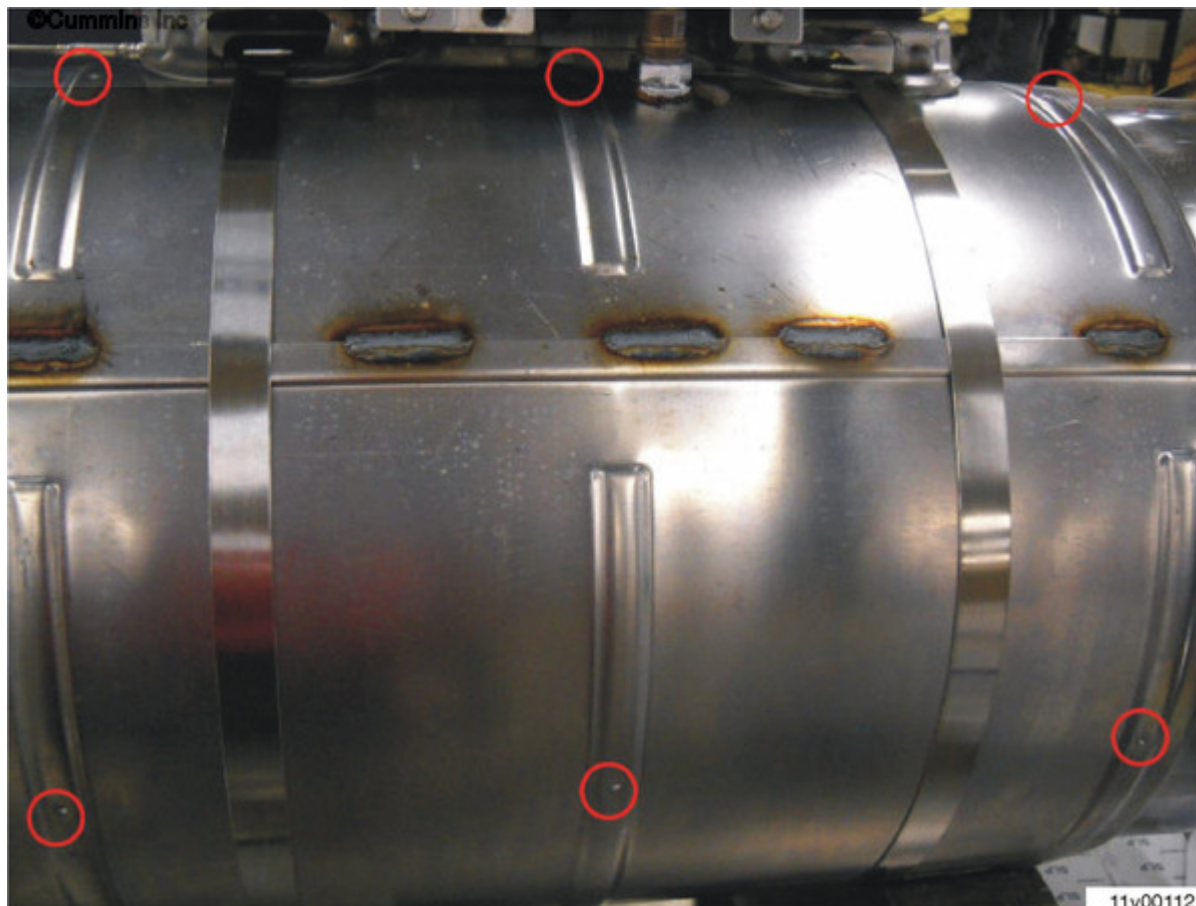


Figure 1, There are identifying dimples in the heat shield of the compatible SCR catalyst. These dimples go all the way around the SCR catalyst. They can be found in 3 different places around the circumference.

Resolution

If the unit does **not** have the compatible SCR catalyst as described above, reference Temporary Repair Practice 1479 in QuickServe® Online to check and/or replace the SCR catalyst at the time of ECM recalibration.

If a compatible SCR catalyst needs to be ordered, please reference the part number cross reference in Table B:

Table B	
Non-Compatible	Compatible

5303895	4328791
5303897	4328792
5303893	4328793
5303865	4328794
5303910	4328795
5308328	4328796
5308330	4328797
5303914	4328798
5303912	4328799
5303917	4328800
4328765	4328801
5303811	4328802
5303813	5313981
4328754	5313982
4328755	5313983
4328756	5313984
4328757	5313985
4328758	5313986
4328767	5313987
5309391	5313988
5309557	5313989
5308460	5313990
5308401	5313991
5308405	5313992
5309247	5313993
5312174	5313995
5308417	5313996
5308439	5313997
5311483	5313998
5309396	5313999
5309546	5314000
5309552	5314001
5309552	5314001

	5314002
5308703	5314003
5308705	5314004
5308707	5314005
5311261	5314006
5310478	5314007
5310482	5314008
5310298	5314009
5308450	5314010
5308452	4328804
5309243	4328780
5308360	4328781
5311785	4328782
5310179	4328783
5308395	4328784
5312382	4328785
5312171	4328786
5312342	4328787
5310474	4328789
4328775	4328790
Stand-alone Part Numbers	5308751
	4328788
	5308454
	5309911
	5311328
	5311330
	4329551
	4353331
	4353333
	4323335
	4353337
	4353339

	4353341
	4353343
	4353345

Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Document History

Date	Details
2013-6-21	Module Created
2013-7-3	Added part number cross reference
2014-7-7	none
2014-10-6	Work Order 64494

Last Modified: 07-Oct-2014

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