



Campaign Number	Revision Level	Date	Group Number
C1516	A	14-OCT-2014	
Expiration Date (U.S. and Canada)		Expiration Date (International)	
01-JUN-2015		01-JUN-2015	
Engine Family	Fuel System	Plant	Build Date
			From To
ISX11.9	CM2250		



Warranty Campaign

ISX12 FDNY Air Compressor Campaign

Attention

- U.S / Canadian Distr./Branches and Div. Offices

This is to revise and replace Campaign 1516, dated 08-Jul-2014. This revision is to:

1. Add SRTs.

If additional information is required, contact your Cummins Warranty Operations Group Leader.

Description

This Campaign is being issued to address air compressors on ISX12 CM2250 and CM2350. The Campaign authorizes the replacement of air compressors if the compressor date code or the crankshaft date code is on or before 22/12.

Action

In order to qualify for repair under this field action, an engine:

1. will be covered Regardless of coverage status, and
2. **must** be identified in the attached ESN list.

After verifying that the engine meets the above requirements, perform the following actions:

1. Steam clean the engine.
2. Inspect air compressor date code. Please see Attachment B for location of compressor date code. Replace compressor if date code is on or before 22/12.
3. If compressor date code is 23/12 or later, remove front sump plug and inspect crankshaft date code. Please see Attachment C for inspection procedure.
4. If the crankshaft date code is 23/12 or later, replace the sump plug using repair kit PN 4089675. The instructions for the sump plug are in Attachment D.
5. If the crankshaft date code is 22/12 or earlier, replace the air compressor and gaskets with PN's 2870020NX, 3685614, and 4988280. Please see Procedure 012-014 in the Service Manual.

Material Disposition

Materials removed as a result of this field action **must** be scrapped.

Reimbursements

Parts

The following parts are covered under this field action:

Part Number	Quantity	Description
287002000NX	1	AIR COM
368561400	1	GSK,SPT
408967500	1	PLG,THD
498828000	1	GSK,PMP

NOTE: SRTs to gain access that are required to complete the repair, that are sufficiently explained in the claim narrative, may also be claimed on this action.

Labor using applicable Access Code and Time:

SRT Code	Description	Time (hrs)
00-401	Steam Clean - Complete Engine	
00-90X	Administrative time	
01-121	Gear Cover, Front - Remove and Install	
12-101	Air Compressor (All Models) - Remove and Install	

17-101	Refrigerant Compressor and Bracket - Remove and Install	
17-103	Air Conditioner System - Evacuate and Recharge	
19-108	Engine Control Module (ECM) - Remove and Install	
99-902	INSPECTION/IDENTIFICATION OF THE AIR COMPRESSOR CRANKSHAFT (QTY 5)	.5

Travel

Travel is **not** covered under this field action. Towing is **not** covered under this field action.

Other Claimables

Consumables are covered under this field action.

Claim Instructions

For Cummins Dealers, claims for this Field Campaign **must** be filed via **RAPIDSERVE™** Web (rsw.cummins.com). For information regarding **RAPIDSERVE™** Web, please reference the "Warranty" tab in QuickServe® Online. If there are additional questions, please contact your local Cummins Distributor.

Claim Codes	
Description	Code
Account Code:	65
Pay Code:	Distributor = X
Pay Code:	Dealer = D
Pay Code:	International = I
Failure Code:	WQCASB

Attachments

[Click here to see c1516-a_esn-list.xls](#)

[Click here to see c1516_air_compressor_date_code-attach-b.pdf](#)

[Click here to see c1516_identification_of_isx12_air_compressor_crankshafts-attach-c.pdf](#)

[Click here to see c1516_4089675_press_in_cup_plug_replacement_kit-attach-d.pdf](#)

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2870020
manufactured by WABCO
2312 25021
515 021 0

**Air Compressor
Date Code**

2312

25021

515 021 0

Identification of ISX12 Air Compressor Crankshafts

- 1) Using a large screw driver or similar device, knock the sump plug out of the crankcase closest to the gear train via the cast slot as shown.



- 2) Rotate crankshaft so that the date code on the crankshaft is visible.



- 3) With a flashlight, review 4 digit casting on crankshaft. IF those digits are "22/12" or earlier, then compressor must be replaced. Otherwise, continue to next step. (Ex: The picture below has a crankshaft date code of "18/10" therefore, it would need replaced.)



- 4) IF those digits are "23/12" or later, then compressor is OKAY, and not subject to replacement. Procure Cummins Sump Plug Kit #4089675, and

follow the instructions (Attachment D) to clean, seal, and install a replacement cup plug. Write the crankshaft date code on the sump plug.

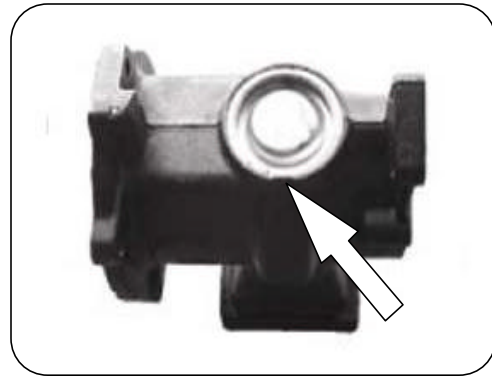
- 5) Air compressors that are replaced due to the old crankshaft must be scrapped.

Sump Plug Kit
4089675
For all Singles with a Cast Iron Crankcase

Kit contains one sump plug and this instruction sheet.
Liquid sealant, required is **not** included in this kit.

Disassembly

1. Using a large screw driver or similar device, knock the sump plug out of the crankcase via the cast slot as shown

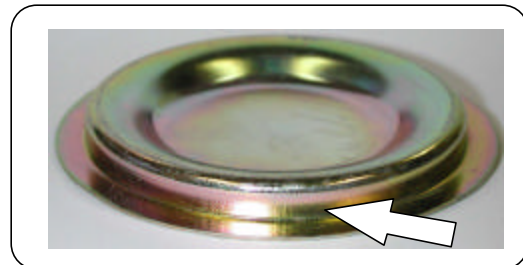


Reassembly

1. Inspect the sump plug bore for nicks and burrs, and wipe clean.



2. Apply Loctite 648 or Enro-Lock 64.80 sealant to the cylindrical surface of the sump plug. Liquid sealant is not included in this kit.



3. Press the plug in the crankcase until the flange of the plug seats to the crankcase shoulder.

