



Model	Model Code	Model Type
BF175A	BAJJ,BAKJ	
BF200A	BAEJ,BAFJ	
BF225A	BAGJ,BAHJ	

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History

Final	CAAB06	Applicable VIN revision	25/Dec/2012
	CAAB08	Parts Information revision	
	CAAB09	Warranty Application revision	
Updated	CAAB13	Additional QIC Identification	04/Sep/2012
Provisional	TAAA01	Employ proper diagnosis/repair methods	30/Jul/2011

Related QIC Report Number(s)

6ASH2011001-00, 6ASH2011001-01, 6HNZ2010005-00, 6HNZ2011002-00, 6MCT2012001-00, 6SEM2010011-00, 6SEM2010011-01, 6SEM2010011-02, 6SEM2010011-03, 6SEM2011003-00, 6SEM2011003-02, 6SEM2011003-03, 6SEM2011003-04, 6SEM2011003-05, 6SEM2011003-06, 6SEM2011003-07, 6SEM2011003-09, 6SEM2011003-10, 6SEM2011003-11, 6SEM2011003-12, 6SEM2011003-13, 6SEM2011003-14, PFM006-00, PFM006A1-00, PFM006A1-02

After Countermeasure Thrust Washer Failure

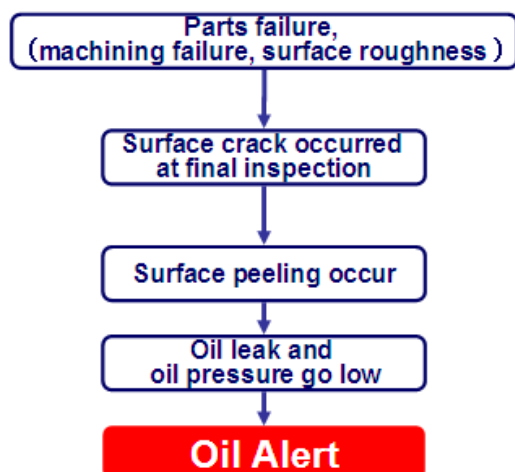
Symptom

The engine loses oil pressure and the warning horn sounds. The crankshaft end play was found out of specification.

Causes

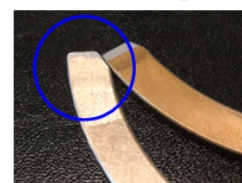
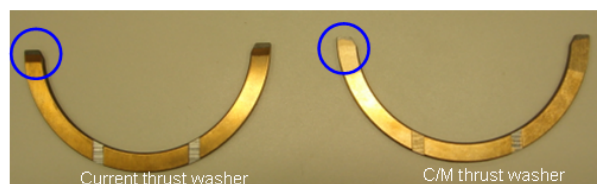
Thrust washer worn out due to insufficient lubrication for thrust washer material.

<Occurrence Mechanism>



Countermeasure

Change thrust washer material to improve wear resistance from CX4S to L10(Including lead).



C/M thrust washer changed material and surface roughness



Application on Production Line

Applied Date	Dest.	VIN	COMMENT
03/Aug/2011		BAGJ-1602688	BF225
03/Aug/2011		BAHJ-1600858	BF225
03/Aug/2011		BAEJ-1600635	BF200
06/Aug/2011		BAFJ-1600093	BF200
06/Aug/2011		BAJJ-1300245	BF175
20/Apr/2012		BAKJ-1400001	BF175

Market Treatment

Fix as failed.

Repair Method

It is required to check thrust clearance in regular maintenance in order to confirm condition of thrust washer worn out.

When the clearance is out of standard, it is required to disassemble of cylinder block to confirm the thrust washer and replace it when damaged.

Measuring method of thrust clearance is as attached.

Parts Information

13331-ZY3 -A03 WASHER,THRUST

12011-ZY3-465ZA CYLN-CRANK A*NH8*

Warranty Application

Warranty Applications: Ordinary

Claim Type: 000 Standard Warranty

Symptom Code:

Main Casual Parts:

A22E:13331-P8A-A01 WASHER, THRUST

CX4S:13331-ZY3-A01 WASHER, THRUST

L.O.N	Description	FRT
1101S6	WASHER, CRANKSHAFT THRUST INCLUDES: Engine removal and installation	8.4
1101T9	REPLACE CYLINDER BLOCK AND CRANKSHAFT ASSEMBLY	10.8

Distribution Level

As Necessary

Distributor Code(s)

101, 120, 130, 25F, 302, 33N, 34M, 350, 374, 378, 404, 504, 507, 508, 511, 522, 530, 53S, 550, 557, 564, 577, 62A, 741, 771