



Model	Model Code	Model Type
BF40E	BBKJ	
BF60AK1	BBFJ	

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History

Final

04/Dec/2012

Related QIC Report Number(s)

Engine won't restart.

Symptom

When the customer restart the engine and start to drive, the customer noticed that the engine speed was not going up over 1500 rpm.

When the customer reached to the port and checked the engine, the engine didn't restart.

They could heard the sound of first burning, but it didn't start to run.

Causes

<Cause of occurrence>

It is suspected that the torque of tightening the lock nut for timing pulley was not enough and it made the tension of timing belt loosened.

But we couldn't find the root cause of it.

<Cause of outflow>

Improper setting of system wrench used at production

We did the torque check by system wrench.

Normally, the wrench warn if the torque is NG.

But if the torque of nut was less than 50(Nm) by some abnormal operation, it couldn't work due to the improper setting.

Countermeasure

<C/M for out flow>

Change the setting of system wrench more severe.

- setting of the system wrench -

	Before C/M	After C/M
Warning Range(Nm)	more than 50(Nm)	more than 10(Nm)
Warning Range(Notch)	more than 30(Notch)	more than 1(Notch)

Retraining the operator about how to treat when the system wrench warn, and add it to the operation standard.

Application on Production Line

Applied Date	Dest.	VIN	COMMENT
17/Oct/2012		BBKJ-1000307	BF40E
24/Oct/2012		BBFJ-8100214	BFP60
25/Oct/2012		BBFJ-1101068	BF60

Market Treatment

Fix as failed.

Repair Method

1.Please check if the lock nut is loosened or not.

2.If the lock nut was loosened, please check pulser plate and any other damage in the engine.

If there is no other damage, please readjust the timing belt and pulley and tighten the lock nut by 128 (Nm) as per S/M.

If there are some damaged parts, please replace them as per S/M.



Warranty Application

Warranty Applications: Ordinary
Claim Type: 000 Standard Warranty
Symptom Code: 03220

LON	Description	FRT
1101D1	PULLEY, TIMING BELT DRIVE	0.8

Main causal parts: 90202-773-000 Lock Nut 42mm

Distribution Level

Distributor only

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