

Subject: RATTLE / CHATTER NOISE FROM INTAKE MANIFOLD	Bulletin No: 01-043/10
	Last Issued: 07/27/2010

APPLICABLE MODEL(S)/VINS

2004-2007 RX-8 vehicles with VINs lower than JM1FE*****213322 (produced before April 18, 2007)

DESCRIPTION

Some vehicles may exhibit a rattle / chatter noise from the intake manifold at idle. Due to accumulated carbon on the secondary shutter valve (SSV), the clearance between the intake manifold and the SSV is narrowed causing intake air pulsation to easily transfer to the SSV, and a noise results. To correct the problem, the SSV actuator has been changed.

Customers having this concern should have their vehicle repaired using the following repair procedure.

REPAIR PROCEDURE

1. Verify customer concern.
2. Troubleshoot for engine noise. Refer to MS3 online instructions.
 - If able to correct the noise, go to step 3.
 - If not able to correct the noise, replace the SSV with a new one. Refer to TSB 01-019/08 for replacement procedure.
3. Verify repair.

PART(S) INFORMATION

Part Number	Description	Qty.
N3H5-20-160F	Valve, Shutter-Manifold (SSV)	1
N3H4-20-155A	Gasket, SSV	1
9979-60-640	Bolt	1
N3H1-13-996	Gasket, ACV	1
0000-77-A86	Engine Cleaner	1

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WARRANTY INFORMATION

NOTE:

- This warranty information applies only to verified customer complaints on vehicles eligible for warranty repair.
- This repair will be covered under Mazda's New Vehicle Limited Warranty term for a Powertrain Component.
- Additional diagnostic time cannot be claimed for this repair.

Warranty Type	A
Symptom Code	82
Damage Code	93
Part Number Main Cause	N3H5-20-160F
Quantity	1
Operation Number / Labor Hours:	XXF28XRX / 1.6 Hrs.