

Measure no.

US 35744281-02

Subject

Rattling noises when accelerating around 2500 rpm

Status date (mm/dd/yy)

2/19/13

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

2/19/13

Created by

Carsten Gruetzmacher

PQM Problem reference**Release date (mm/dd/yy)****Approved by****Dealer release**

Allow automatic release

Vehicles affected**E series**

K71/11 K73/02

Engine**Body****Production period (from/to)**

(mm/dd/yy)

Comment on production period**Feedback (all cases relating to**

measure up to) (mm/dd/yy)

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Complaint

Rattling noises – similar to connecting-rod bearing damage or pre-ignition pinging – when accelerating under a higher load (opening throttle valves wide opened) at engine speeds around 2500 rpm. (applies only to F800R and F800GT)

Cause

Pressure wave in the exhaust system which is reflected by the catalytic converter and can be clearly heard at the intake inlet via the combustion chamber and intake air silencer during TDC.

When the throttle valves are only slightly open, the pressure wave cannot reach as far as the intake air silencer therefore the noises cannot be heard.

The noise can only be heard when it reaches the intake inlet when the throttle valves are wide open.

Measure

Inform the rider on the effects of wide open throttle at low RPMs.

Note: To help distinguish rattling noises that are caused by exhaust pressure waves (as described above), connecting-rod bearing damage noise increases as engine speed increases and does not go away...

Cause

Fault location	Fault type	Fault place
11/00 Engine		
Repair Task	Special Clearance	
	No	
Area	Fault code	
Powertrain		
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Progman / DIS / ISTA / ISTA/P		
System	State	Version
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