

Measure no.

US 54380454-02

Subject

Rattling noises from timing gear

Status date (mm/dd/yy)

9/19/14

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

9/19/14

Created by

Thomas Eichholz

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

Allow automatic release

Vehicles affected**E series**

K42 K46 K46/11 K47

Engine

4-ZYL

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

(mm/dd/yy)

Comment on production period**Feedback (all cases relating to
measure up to) (mm/dd/yy)**

/

Complaint

Rattling / clattering noise from the engine timing gear.

Cause

After approximately 18,000 mi, the timing chain (11 31 7 713 828) may wear to the point that the chain tensioners range of adjustment is no longer sufficient to accommodate the change in length.

Measure

In the event of a verified customer complaint, remove the black screw plug (11 31 7 718 069) and replace it with a silver screw plug (11 31 8 534 849).

See attached photo.

Note; The silver screw plug has a longer range of adjustment for the chain tensioner and installing it in conjunction with a new timing chain or one that does not exhibit signs of wear is not permitted.

Complaint**Fault location**

11/31 Timing chain

Fault typeRattling noise (disturbing
noise)**Fault place**

Right

Cause

#	Fault location	Fault type	Fault place
1	11/31 Timing chain	Too long / too large	
	Repair Task	Special Clearance	Area
	No action	No	Powertrain

#	Fault location	Fault type	Fault place
2	11/31 Camshaft chain tensioner	Operating force too low	
	Repair Task	Special Clearance	Area
	Replace	No	Powertrain

Fault code

Progman / DIS / ISTA / ISTA/P

System	State	Version
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