

Measure no.

US 54380454-03

Subject

Rattling noises from the timing gear

Status date (mm/dd/yy)

3/20/15

Status

Accepted

Organization

US, MOT

Date created (mm/dd/yy)

3/20/15

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 K46/12 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 / chattering engine noise from the timing gear.

Cause

After approximately 9,000 mi, the timing chain (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	Fault type	Fault place
▮ Engine running	Rattling noise (disturbing noise)	Right

Cause

#	Fault location	Fault type	Fault place
▮ 1	11/31 Timing chain	Too long / too large	
Repair Task	Special Clearance	Area	
Other tasks	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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