

Measure no.	Subject	
US 62813747-01	Cylinder head cover leaking oil (timing chain side)	
Status date (mm/dd/yy)	Status	Organization
8/3/16	Accepted	US, MOT
Date created (mm/dd/yy)	Created by	PQM Problem reference
8/3/16	Carsten Gruetzmacher	
Release date (mm/dd/yy)	Approved by	Dealer release
		Allow automatic release

Vehicles affected

E series	Engine	Body
K40 K40/11 K43 K43/11 K43/HV		
K44 K44/31		
Production period (from/to)		Feedback (all cases relating to
(mm/dd/yy)	Comment on production period	measure up to) (mm/dd/yy)
/		

Complaint

Oil leak at the seal between the cylinder head cover and cylinder head on the right in the direction of travel.

Cause

Retrofitting of the chain guide which prevents skipping of the timing chain - according to SIB 11 004 12 (017)R Retrofitting Timing Chain Guide. The chain guide is pushed under the chain slide rail so that the chain slide rail is then positioned higher in the engine. In some cases the chain slide rail is then projecting too far over the sealing surface of the cylinder head. This prevents the cylinder head cover gasket to seal sufficiently.

Measure

Order new chain slide rail. Lay the old and new chain slide rails beside each other to compare the overall lengths. The new chain slide rail should be shorter.

Complaint

Fault location	Fault type	Fault place
11/12 Cylinder head	Leak: oil	Right

cover

Cause

#	Fault location	Fault type	Fault place
1	33/35 Chain slide rail	Too long / too large / too wide	
	Repair Task	Special Clearance	Area
	Replace	No	Powertrain

Fault code

Progman / DIS / ISTA / ISTA/P

System	State	Version
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