

Thread on timing case in area of oil filter housing shows signs of oil leakage (sweating)

Topic number	LI01.60-P-056340
Version	1
Design group	01.60 Timing case
Date	06-05-2013
Validity	Engine 276
Reason for change	

Complaint:

Threaded opening on timing case cover in area of oil filter housing (refer to attachment) shows signs of oil leakage (sweating)

Cause:

Porosity in casting

Remedy:

1. Degrease threaded opening with cleaner (e.g. Loctite 7063 or a comparable product).
2. Dry the area carefully by blowing compressed air (cover the surrounding area with a rag).
3. Install new microencapsulated bolt A002 990 11 03 (M6x12).

Tightening torque of bolt 4.5 Nm

Attachments	
File	Designation
Arbeitsanweisung Nacharbeit Steuergehäuse englisch.pdf	Rework instructions for timing case cover

Symptoms
Power generation / Engine lubrication/oil cooling / Engine lubrication/oil cooling function / Oil level too low
Power generation / Engine lubrication/oil cooling / Engine lubrication/oil cooling indicator lamp / Engine oil level indicator lamp / lit
Power generation / Engine lubrication/oil cooling / Engine lubrication/oil cooling leaks / External oil loss

Parts							
Part number	ES1	ES2	Designation	Quantity	Note	EPC	Other make part
A 002 990 11 03			Bolt M6x12	1		X	
A 001 986 71 71			Loctite 7063 cleaner	1		X	

