

## Oil in engine wiring harness

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Topic number	LI05.20-P-067123
Version	1
Function group	05.20 Camshaft, camshaft adjustment
Date	10-09-2017
Validity	Engine M156/159 in all model series
Reason for change	
Reason for block	

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### Complaint:

Engine diagnosis lamp in instrument cluster lights up. Various fault codes are stored in the engine control unit. Oil can escape at the oxygen sensor, HFM sequential multipoint fuel injection/ignition system, engine control unit, or various engine wiring harness plugs.

### Cause:

Leakage in the camshaft adjuster solenoid/actuator

### Remedy:

In the case of complaint replace the components affected and also put the adapter plug on the solenoid between them. Attach the adapter as can be seen from the enclosed pictures with clip retainer and tie strap.

Op. no. Operation text WU

02 4079 Install plug-in adapter in engine wiring harness 006 WU

Attachments	
File	Description
Adapterstecker.JPG	Adapter plug
Adapter verbaut.JPG	Adapter when fitted

### Symptoms

Power generation / Engine management / Indicator lamp / Engine diagnosis / lit

Control unit/fault code		
Control unit	Fault code	Fault text
ME 9.7-Motor electronics 9.7, N3/10 - Motor electronics 'ME97' for combustion engine 'M272' (ME) (E (212),C (204))	0629	Combustion misfiring has been detected.
ME 9.7-Motor electronics 9.7, N3/10 - Motor electronics 'ME97' for combustion engine 'M272' (ME) (E (212),C (204))	0649	Combustion misfiring of cylinder 2 has been detected.

# XENTRY TIPS

ME 9.7-Motor electronics 9.7, N3/10 - Motor electronics 'ME97' for combustion engine 'M272' (ME) (E (212),C (204))	0652	Combustion misfiring of cylinder 2 has been detected.
ME 9.7-Motor electronics 9.7, N3/10 - Motor electronics 'ME97' for combustion engine 'M272' (ME) (E (212),C (204))	0656	Combustion misfiring of cylinder 5 has been detected.
ME 9.7-Motor electronics 9.7, N3/10 - Motor electronics 'ME97' for combustion engine 'M272' (ME) (E (211),R (251),CLK (209),S (221),M (164),SL (230),CLS (219),CL (216))	0630	Misfiring(P0300)
ME 9.7-Motor electronics 9.7, N3/10 - Motor electronics 'ME97' for combustion engine 'M272' (ME) (E (212),C (204))	0630	Combustion misfiring has been detected.
ME 9.7-Motor electronics 9.7, N3/10 - Motor electronics 'ME97' for combustion engine 'M272' (ME) (E (211),R (251),CLK (209),S (221),M (164),SL (230),CLS (219),CL (216))	0632	Misfiring(P0300)
ME 9.7-Motor electronics 9.7, N3/10 - Motor electronics 'ME97' for combustion engine 'M272' (ME) (E (212),C (204))	0632	Combustion misfiring has been detected.
ME 9.7-Motor electronics 9.7, N3/10 - Motor electronics 'ME97' for combustion engine 'M272' (ME) (E (212),C (204))	0633	Combustion misfiring of cylinder 1 has been detected.
ME 9.7-Motor electronics 9.7, N3/10 - Motor electronics 'ME97' for combustion engine 'M272' (ME) (E (212),C (204))	0640	Combustion misfiring of cylinder 4 has been detected.
ME 9.7-Motor electronics 9.7, N3/10 - Motor electronics 'ME97' for combustion engine 'M272' (ME) (E (212),C (204))	0642	Combustion misfiring of cylinder 3 has been detected.
ME 9.7-Motor electronics 9.7, N3/10 - Motor electronics 'ME97' for combustion engine 'M272' (ME) (E (212),C (204))	0645	Combustion misfiring of cylinder 6 has been detected.

## Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 271 150 01 56	05		Engine wiring harness	4	Oil stop cable between engine wiring harness and valve actuator	X

# XENTRY TIPS

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## Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
			05047 04	

## Validity

Vehicle	Engine	Transmission
*	159	*
*	156	*

## Attachments

Adapterstecker.JPG:



Adapter verbaut.JPG:

