

Message in IC "Engine Oil Level - Reduce Oil Level"

Topic number	LI18.00-P-072476
Version	1
Function group	18.00 - General
Date	2/18/21
Validity	Model 190 with M178
Reason for change	

Complaint

Message in instrument cluster "Engine Oil Level - Reduce Oil Level"

Cause

Engine oil level too high even though oil level appears to be OK when measured with dipstick

Remedy

Step 1:

Call up workshop menu and calculate and document oil flow quantity under following conditions:

- Let vehicle run at idle (oil temperature greater than 90°C) and read off oil quantity in workshop menu.
- Let vehicle run at 2000 rpm (oil temperature greater than 90°C) and read off oil quantity in workshop menu.
- Let vehicle run at 2700 rpm (oil temperature greater than 90°C) and read off oil quantity in workshop menu.

Note:

The oil flow quantity must not exceed 5.5 liters

Step 2:

Weigh the oil. For this purpose, the oil container drain screw and the oil pan drain screw must be opened and the oil filter must be removed

Document calculated oil quantity (weight and, where applicable, liters)

Assess oil quality:

- Is the oil diluted with fuel?

Note:

Oil weight conversion factor: 0.85 kg/l

XENTRY TIPS

Operation step 3:

Reduce oil level to 6.5 l and fill

Note:

Depending on engine oil used, 6.5 l equates approximately to 5500 g

Operation step 4:

Where applicable, repeat measurement from Step 1 and document oil flow quantity after reduction

Note:

If anything is unclear, or if the problem re-occurs after carrying out these steps, please create a PTSS case and include the calculated values (and the calculations from the previous workshop visit where applicable)

WIS-References		
Document number	Title	Note
AP18.00-P-0101C	Change engine oil filter and oil filter	
GF54.30-P-2020RR	Setting workshop level function	Support for Steps 2 and 3
AR18.00-P-0025-05MM	Calculate oil consumption	To support Step 2 "Weigh oil"

Symptoms
Power generation > Engine lubrication/oil cooling > Indicator lamp > Engine oil level indicator lamp > lit
Power generation > Engine lubrication/oil cooling > Display message > Oil sensor message
Communication/information > Information display > Indicator lamp > lit

Parts						
Part number	ES1	ES2	Designation	Quantity	Note	EPC
A1780140300			Oil container drain screw	1		X
N007603014106			Sealing ring - oil pan drain screw	1		X
A1771800110			Oil filter parts kit	1		X

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
			18336**	Please quote TIPS document number in dealer text