

Clock in instrument cluster is fast or slow

Topic number	LI54.30-N-062852
Version	2
Design group	54.30 Instrument cluster/display instruments/warning devices
Date	04-28-2016
Validity	MODEL 447.6/7
Reason for change	Remedy documented.
Reason for block	

Complaint:

Clock in instrument cluster is fast or slow.

Cause:

Software error in instrument cluster (IC) control unit (A1/1).

Remedy:

IMPORTANT: Do not replace any parts!!

1. Connect charger.

Information: Use the charger to ensure an adequate power supply (minimum 12.5 V) from the on-board electrical system battery.

2. Connect diagnostic unit.
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3. Update software for instrument cluster (IC) control unit (A1/1).

To do so, select following menu items: Control units selection → Information and communication → IC - Instrument cluster (A1/1) → Adaptations → Control units update → Update of control unit software

Information: Use XENTRY Diagnostics version 03/2016 with all related and updated addons (in particular addon 5540) or a higher XENTRY Diagnostics version.

Note: Strict observance of the operation steps in XENTRY Diagnostics is absolutely essential.

4. Set clock in instrument cluster (see operator's manual).
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5. Disconnect diagnostic unit.
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XENTRY TIPS

6. Disconnect charger.

Symptoms
Communication/information / Information display / Displays / Clock / Too fast
Communication/information / Information display / Displays / Clock / Too slow

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note
54-0991	PROGRAM CONTROL UNIT (AFTER QUICK TEST)	---	54241 50	Clock - Shows incorrect readings
54-0650	MAINTAIN ON-BOARD ELECTRICAL SYSTEM VOLTAGE (FOR TESTING AND DIAGNOSIS WORK)	---		
54-1011	PERFORM QUICK TEST	---		

WIS-References			
Document number	Title	Note	Allocation
AR54.21-S-0014E	Programming of control units		Remedy
AR54.10-S-1127E	Maintain on-board electrical system voltage for testing and diagnosis work on the vehicle		Remedy
AD00.00-S-2000-04E	Connect STAR DIAGNO- SIS, read out fault memory		Remedy
AH54.21-P-0001-03Z	Notes on programming con- trol units		Remedy