

Central Locking (CL) - Diagnostic Trouble Code (DTC) Memory (AAM)

Preparation for Test

1. Review All-Activity-Module (N10) diagnostics, see **AD54.21-P-2000GH**
2. All fuses OK.
3. Voltage supply to All-Activity- Module (N10) is OK,
4. Connect the Hand-Held Tester (HHT) to X11/4, according to diagram, see section 0.
4. HHT serial interface is OK, if not see: **AD54.21-P-6000-02GH**

Special Tools



965 589 00 01 00

Hand-Held-Tester



965 589 00 40 00

Test cable



965 589 00 90 00

Adapter cable

Test equipment; See MBUSA Standard Service Equipment Program

Description		Brand, model, etc.	
Digital multimeter		Fluke models 23, 77 III, 83, 85, 87	
DTC	Fault text	Possible cause	Test step/Remedy
(No communication with HHT possible)		Diagnostic line	Check HHT serial interface, see AD54.21-P-6000-02GH
No fault		No fault recognized In case of complaint: Perform entire diagnostic test in specific system.	<input type="checkbox"/> 23,
B1040	No CAN message: -from engine control module (N3) -from traction system control module (N47) -from instrument cluster (A1) -from transfer case control module (N78)	CAN data bus, corresponding control module	See: AD54.21-P-6000-03GH AD54.21-P-6000-04GH AD54.21-P-6000-05GH AD54.21-P-6000-06GH AD54.21-P-6000-07GH

	-from trip computer control module (TRIP) (N41)		AD54.21-P-6000-08GH
B1703	Transponder: -cannot be read -fixed code invalid -fixed code in order but variable code invalid -fixed code valid but not enabled -fault when describing	i Observe hints on replacing AAM Defective transmitter key Transponder coil (L11) Invalid transmitter key Transmitter key disabled Transponder coil (L11)	See: AD54.21-P-6000-03GH Transmitter key.
B1716	ATA interior motion sensor/tilt sensor defective No pulse signal when configured	Signal cable N41/N10 Trip computer control module (TRIP) (N41)	
B1783	Central locking signalling contact, driver's door implausible	Microswitch (CL) (M14/6s1)	<input type="checkbox"/> 23 ⇒ 4.0
B1784	Central locking signalling contact, front passenger's door implausible	Microswitch (CL) (M14/5s1)	<input type="checkbox"/> 23 ⇒ 4.0
B1786	Central locking signalling contact, tailgate implausible	Microswitch (CL) (M14/7s1)	<input type="checkbox"/> 23 ⇒ 8.0
B1787	Central locking signalling contact, left rear door implausible	Microswitch (CL) (M14/8s1)	<input type="checkbox"/> 23 ⇒ 4.0
B1788	Central locking signalling contact, right rear door implausible	Microswitch (CL) (M14/9s1)	<input type="checkbox"/> 23 ⇒ 4.0
B1858	Transmitter radio signal: -fixed code invalid -fixed code in order but variable code invalid -fixed code valid but not enabled -synchronization not possible	Transmitter key Transmitter key not synchronized Transmitter key disabled Wiring, Antenna, N10	Transmitter key