

## Radio 9 – Switch-on behavior

Topic number	LI82.60-P-046127
Version	3
Design group	82.60 Radio, audio/video systems
Date	01-10-2014
Validity	451.###
Reason for change	Update
Reason for block	

**Complaint:**

If the Radio 9 was switched off while driving, it can switch itself back on again the next time the engine is started.

**Cause:**

The power supply to the radio is dropping briefly below 6V during the starting procedure and the radio is therefore performing a reset and starting up.

There are various causes for this:

1. Partially discharged battery
2. Transition resistance in the power supply line to the radio
3. Other transition resistances

**Remedy:**

1. Partially discharged battery: Fully charge battery, check battery
  
2. Transition resistance in the power supply line to the radio:
  - Check that the connector on the radio is properly engaged.
  - Visual inspection of contacts with connector unplugged.
  - Check ground point of radio wiring harness: ground point W26 on center tunnel; unscrew threaded connection, if necessary clean the contact surfaces, tighten threaded connection (8 Nm), apply preservation agent to ground point (spray wax etc.).
  
3. On-board electrical system: Check ground lines and connections of starting system (including battery terminal clamps)

<b>Symptoms</b>
Communication/information / Entertainment / Radio / Cuts out intermittently
Communication/information / Entertainment / Radio / Nonfunctional
Communication/information / Entertainment / Screen/display / Miscellaneous

WIS-References			
Document number	Title	Note	Allocation
gf00.19-p-2000-28mcc	Location and assignment of ground points - right footwell	ECE	Remedy
gf00.19-p-2000-28mcu	Location and assignment of ground points - right footwell	USA	Remedy

Validity		
Vehicle	Engine	Transmission
451.300	*	*
451.330	*	*
451.331	*	*
451.332	*	*
451.333	*	*
451.334	*	*
451.380	*	*
451.400	*	*
451.431	*	*
451.432	*	*
451.433	*	*
451.480	*	*