

## Diagnosis – Function Test



## Function Test Explanation

Signal pickup and activation module (SAM) left front (N10/1) and electronic ignition lock control module (N73) both control the turn signals function and they have to be in perfect working condition.

Turn signals function can be checked using HHT. Turn signals function test with HHT can be conducted through:

- Signal pickup and activation (SAM) control module (N10/1),
- Electronic ignition lock control module (N73)
- Flasher function

There are following functions to choose from:

1. Control module version coding
2. Diagnostic Trouble Code (DTC) Memory
3. Actual values
4. Activation

**Caution:**

To prevent damage to the control modules, the connectors on the control modules must only be removed or connected with the ignition **OFF**.

Test step/Test sequence	Test condition	Nominal value	Possible cause/Remedy <sup>1)</sup>
Function test turn signal	Ignition switch in position 2 Turn signal switch into right turn signal position	All right turn signal lamps flash. Control lamp in the instrument cluster flashe and turn signal audio device sounds	
	Repet above step for left turn signal	As above	
Function test hazard flasher	Switch hazard flasher ON	Turn signal lamps, hazard flasher switch and control lamps in instrument cluster flash. Signal audi device sounds.	
Function test turn signal lamp failure	Remove turn signal lamp (E3e1 or E4e1), ignition switch in position 2. Switch turn signal to the right.	Remaining right turn signal lamps must flash at higher frequency (3 Hz insteadt of 1.5 Hz).	
	Repet above step for left turn signal	As above	

<sup>1)</sup> Observe Preparation for Test, see 22.