



## Front Turn Signals

### General information

Front turn signal function can be checked using Vehicle Electrical System Control Module J519 On Board Diagnostic (OBD) program function "Output Diagnostic Test Mode (DTM)" ⇒ [97-6, Vehicle Electrical System Control Module J519 , Output Diagnostic Test Mode \(DTM\)](#) .

Before troubleshooting or servicing, technicians must be familiar with the functions and operation specifics of the standard or optional headlamp or lighting system. Always read the owners manual and review applicable system functions.

#### **Note:**

- *Additional information:*

⇒ *Owners Manual*

⇒ *Self Study Program - Course Number 891503 "The 2006 Passat Introduction"*

⇒ *Self Study Program - Course Number 871503 "The 2006 Passat Electrical Systems Design and Function"*

⇒ *Electrical Wiring Diagrams, Troubleshooting and Component Locations binder*

CAN-Bus wire repairs ⇒ [97-8, Repairing CAN-Bus wires](#)

### On Board Diagnostic, function

Vehicle electrical system control is equipped with On Board Diagnostics (OBD) capabilities which assists in troubleshooting turn signals.

For troubleshooting, use Vehicle Diagnostic, Testing and Information System VAS 5051/5052 in operating mode "Guided Fault Finding" ⇒ [97-1, VAS 5051 / 5052](#) .

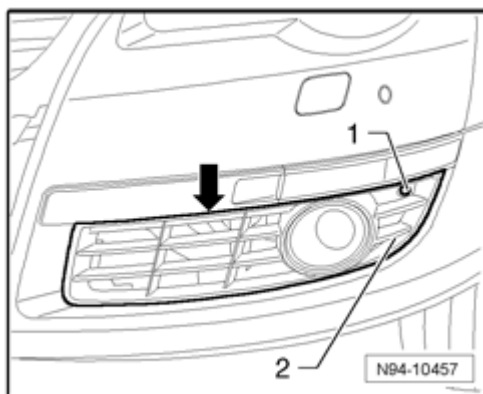
### Front turn signals, removing and installing

#### **Note:**

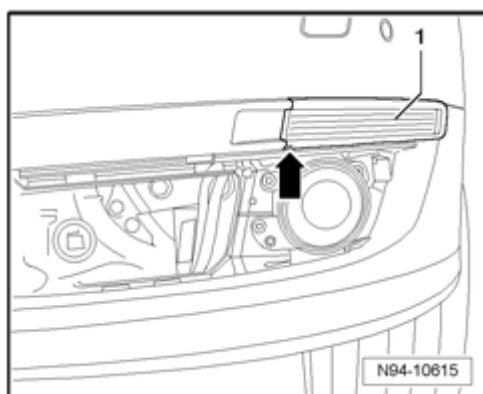
- *The following illustrations depict removal and installation of left front turn signal. Procedure for right front turn signal is the same.*

**Removing:****Caution!**

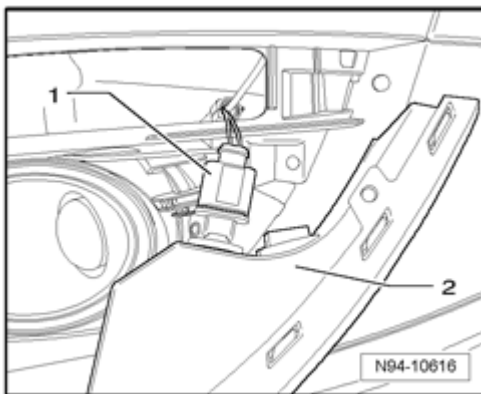
- **Switch off all electrical consumers.**
- **Switch ignition off and remove ignition key.**
- **Leave remote control ignition key in passenger compartment in order to prevent accidental door locking and automatic headlamp "Coming home/leaving home" activation.**



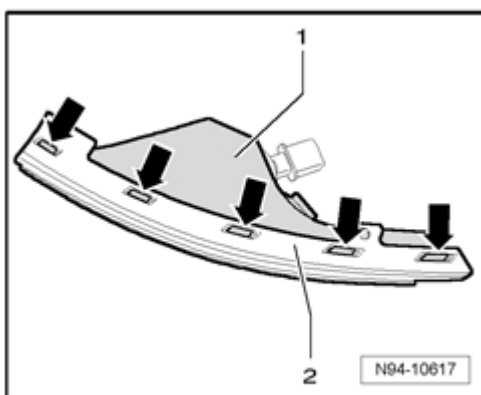
- Remove screw - **1** - and unclip cover - **2** - and remove from retainer - **arrow** - in bumper cover.



- Remove screw - **arrow** - from underside of turn signal.
- Remove turn signal - **1** - from bumper cover, and pull out as far as wiring harness allows.



- Release and disconnect electrical connection - **1** - .
- Remove turn signal - **2** - together with clipped rub strip.



- Using appropriate screwdriver, release retainers - **arrows** - and remove clipped rub strip - **2** - from turn signal - **1** - .

### Installing:

Install in reverse order of removal, noting the following:

#### Note:

- *When installing turn signal, ensure rub strip clips are securely engaged.*

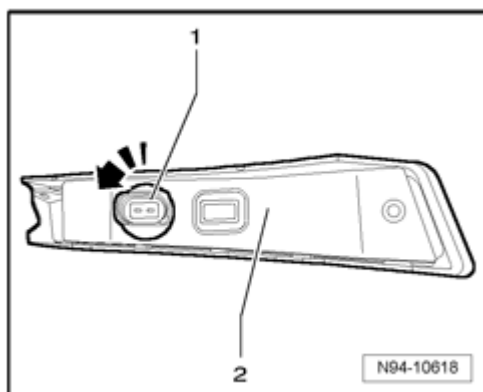
### Turn signal bulb, removing and installing

#### Note:

- *The following illustrations depict removal and installation of left front turn signal.*

### Removing:

- Remove front turn signal ⇒ [94-4, Front turn signals, removing and installing](#) .



- Turn bulb socket - 1 - in direction of - **arrow** - and remove from turn signal housing - 2 - .

- Pull bulb out of socket.

Turn signal bulb : 12V 21W

### **Installing:**

Install in reverse order of removal, noting the following:

### **Caution!**

- ***Do not touch glass portion of bulb with bare hands. Even the smallest amount of moisture and/or contaminants from fingers that evaporates on the bulb during operation can cause the glass to cloud over.***
- ***When installing cap, ensure proper seating. Water intrusion will damage headlamp.***

### **Front turn signals, checking**

Left Front Turn Signal M5 and Right Front Turn Signal M7 function can be checked using Vehicle Electrical System Control Module J519 On Board Diagnostic (OBD) function "Output Diagnostic Test Mode (DTM)" ⇒ [97-6, Vehicle Electrical System Control Module J519 , Output Diagnostic Test Mode \(DTM\)](#) .