

Fault codes 8, 9, 24, 25, 38

Passenger's belt tensioner

Diagnostic conditions

- Ignition on

Possible cause of fault

- ◆ Incorrect coding
- ◆ Short circuit to B+/ground or open circuit in the wiring between the passenger's belt tensioner and the airbag triggering unit
- ◆ Passenger's belt tensioner faulty
- ◆ Triggering unit for airbag faulty



Note!

- ◆ *The contacts in the belt tensioner are very sensitive.*
- ◆ *When connecting test tool No. 9516/4, ensure that both special tool contacts are connected in parallel and simultaneously.*
- ◆ *Once connected, the plug must be locked; this allows the electrical connection to be made.*

Affected terminals

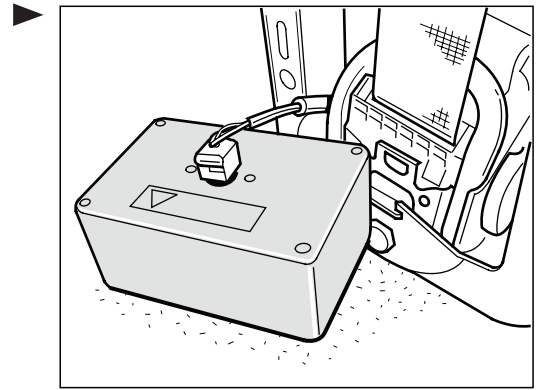
Terminals 3 and 4 in left-hand drive vehicles

Terminals 1 and 2 in right-hand drive vehicles

Diagnosis/troubleshooting

Work instruction		Display OK	If not OK
1	Check coding	⇒ Step 2	Adapt the coding to the vehicle equipment → End

Work instruction			Display OK	If not OK
2	Visual inspection	Check whether the plug connection is correctly connected and locked	⇒ Step 3	Insert plug connection → End
3	Check belt tensioner	<ul style="list-style-type: none"> ◆ Switch off ignition ◆ Pull off plug on belt tensioner ◆ Connect test tool No. 9516/4 ◆ Switch on ignition ◆ Read out fault memory ◆ Erase fault memory ◆ Switch ignition off and remove ignition key ◆ Switch on ignition ◆ Read out fault memory 	Replace belt tensioner → End	⇒ Step 4

Test tool No. 9516/4 instead of belt tensioner

Work instruction		Display OK	If not OK
4	Check the wiring harness for pinching or chafing damage	⇒ Step 5	Repair wiring harness → End
5	Replace triggering unit for airbag	→ End	

**Note!**

If the fault memory is cleared, the ignition must be switched off, the ignition key removed and the ignition switched on again in order to check the fault path. Only in this way is another self-test carried out.