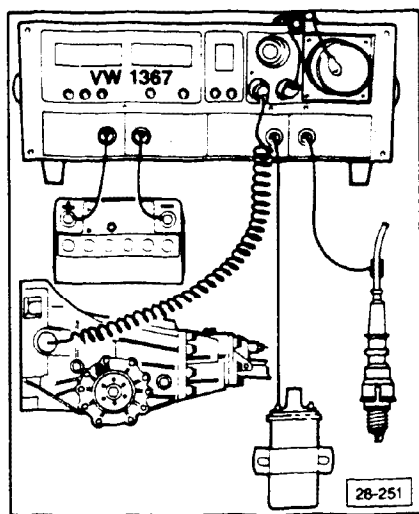


Ignition System



Vehicles with VAG 1551 diagnostic connectors, checking

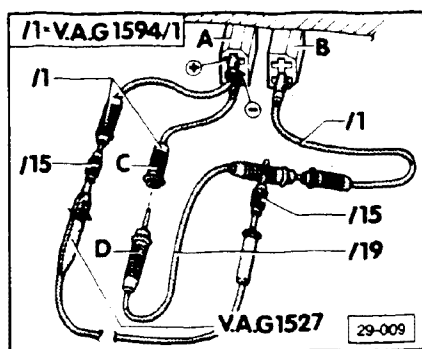
Check these first:

- engine oil temperature 80°C (176°F) minimum
- throttle in idle position
- A/C switched OFF

- connect **VW 1367** engine tester according to manufacturer's instructions

CAUTION

Make sure that the **VW 1367** TDC pickup is fully seated into the transmission housing recess.



- start engine and let idle

Note

The ignition timing point is displayed directly on the **VW 1367** engine tester. Checking ignition timing using a strobe is **NOT** necessary.

- jumper terminal **C** (ground) with terminal **D** until ignition timing checking/adjusting is completed
 - checking: 13 to 17° Before TDC
 - adjusting: 15 ± 1° Before TDC

Note

A constant ignition timing point is available from the ignition control unit 4 seconds after terminal **C** is jumpered to terminal **D**.

Adjusting

- loosen distributor clamp bolt
- rotate distributor until specification is obtained
- remove jumper between terminals **C** and **D**
- briefly increase engine speed above 2500 RPM
- let engine idle
 - ignition timing must fluctuate between 7° and 20° Before TDC
- if necessary, adjust idle and CO content