

P0017

Position of exhaust camshaft vis-a-vis crankshaft –
above limit value/below limit value

Diagnostic conditions

- Battery positive voltage between 10 V and 16 V
- Time after engine starts > 10 seconds

Possible cause of fault

- ◆ Timing set incorrectly
- ◆ Chain extended
- ◆ Exhaust camshaft adjuster loosened
- ◆ Rotor of exhaust camshaft sensor in incorrect position
- ◆ Exhaust camshaft sensor not installed correctly

Affected pins

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Diagnosis/troubleshooting



Note!

Fault 'P0017 – below limit value/above limit value' is set if the specified adjustment range ($\pm 13.5^\circ$ NW) is not observed.

Work instruction		Display OK	If not OK
1	Check that installation position of exhaust camshaft sensor is correct	⇒ Step 2	Fit exhaust camshaft sensor correctly → End
2	Check timing, chain, exhaust camshaft adjuster and rotor for exhaust camshaft sensor	Continue troubleshooting in Workshop Manual ⇒ Group 1; Rep. Gr. 15; Engine, cylinder head, valve drive → End	

