

## 2007 Audi S8 Quattro

ENGINE PERFORMANCE 5.2 Liter 10-Cyl. 4V Generic Scan Tool, Engine Code(s): BSM - S8

	Circuit Bank 2	Valve 2 N208. Refer to --> <b><u>Camshaft Adjustment Valve 2.</u></b>		off Engine speed, >40 RPM		
P0021	Intake (A) Camshaft Position Timing - Over-Advanced (Bank 2)	Check Camshaft Adjustment Valve 2 N208. Refer to --> <b><u>Camshaft Adjustment Valve 2.</u></b>	Adjustment angle difference >10°CA/s	Engine speed, >550 RPM ECT, >-7.5°C Time after engine start, >3.5 Sec. Number of checks 3 Time length for more than 1.5 Sec.	2 Seconds	Continuous 2 DCY
P0023	"B" Camshaft Position - Actuator Circuit Bank 2	Check Camshaft Adjustment Valve 2 (exhaust) N319. Refer to --> <b><u>Camshaft Adjustment Valve 2, Exhaust.</u></b>	Signal voltage 4.45.6 V	Camshaft valve, Off Engine speed, >80 RPM	0.5 Seconds	Continuous 2 DCY
P0024	"B" Camshaft Position - Timing Over-Advanced or System Performance Bank 2	Check Camshaft Adjustment Valve 2 (exhaust) N319. Refer to --> <b><u>Camshaft Adjustment Valve 2, Exhaust.</u></b>	Adjustment angle difference >10°CA/s	Engine speed, >550 RPM ECT, >-7.5°C Time after engine start, >3.5 Sec. Number of checks 3 Time length for more than 1.5 Sec.	2 Seconds	Continuous 2 DCY
<b>P0030</b>	HO2S Heater Control Circuit (Bank 1, Sensor 1)	Check Oxygen Sensor (O2S) Heater Z19. Refer to --> <b><u>Oxygen Sensor 1 Heater</u></b>	Signal voltage 4.4-5.6 V	Heater, Commanded off Engine speed, >40 RPM	5 Seconds	Multiple 2 DCY