

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

DTC INDEX

DTC Index - 3.2L (BKH Engine)

DIAGNOSTIC TROUBLE CODES (DTC) INDEX

DTC Index - 3.2L (BKH Engine)

SAE Code	VAG Code	Code Description	Corrective Action
P000A		Intake (A) Camshaft Position Slow Response Bank 1	Check the Camshaft Position (CMP) Sensor G40. Refer to --> <u>Camshaft Position (CMP) Sensors , Checking</u> . Check the Camshaft Adjustment Valve 1 N205. Refer to --> <u>Camshaft Adjustment Valve , Checking</u> . Check the Engine Speed (RPM) Sensor G28. Refer to --> <u>Engine Speed (RPM) Sensor G28 , Checking</u> .
P000B		Intake (B) Camshaft Position Slow Response Bank 1	
P000C		Intake (A) Camshaft Position Slow Response Bank 2	
P000D		Intake (B) Camshaft Position Slow Response Bank 2	
P0010	16394	Bank 1, Camshaft adjustment malfunction	Check the Camshaft Adjustment Valve 1 N205. Refer to --> <u>Camshaft Adjustment Valve , Checking</u> .
P0011	16395	Bank 1, camshaft retardation adjustment Specification not reached	
P0013	16397	"B" Camshaft Position - Actuator Circuit Bank 1	
P0014	16398	"B" Camshaft Position - Timing Over-Advanced or System Performance Bank 1	
P0020	16404	"Intake" Camshaft Position Actuator Circuit, Bank 2	
P0021	16405	"Intake" Camshaft Position - Timing Over-Advanced or System Performance, Bank 2	
P0023	16407	"Exhaust" Camshaft Position - Actuator Circuit, Bank 2	
P0024	16408	"Exhaust" Camshaft Position - Timing Over-Advanced or System Performance, Bank 2	
P0030	16414	HO2S Heater Control Circuit, Bank 1 Sensor 1	
P0031	16415	HO2S Heater Control Circuit Low, Bank 1 Sensor 1	
P0032	16416	HO2S Heater Control Circuit High, Bank 1 Sensor 1	
P0036	16420	HO2S Heater Control Circuit Bank, 1 Sensor 2	
		HO2S Heater Control Circuit Low, Bank	

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

P0037	16421	1 Sensor 2	
P0038	16422	HO2S Heater Control Circuit High, Bank 1 Sensor 2	
P0040	16424	O2 Sensor Signals Swapped Bank 1 Sensor 1/ Bank 2 Sensor 1	Check Heated Oxygen Sensor before catalytic converter. Refer to --> <u>Heated Oxygen Sensor before Catalytic Converter, Checking</u> .
P0041	16425	O2 Sensor Signals Swapped Bank 1 Sensor 2/ Bank 2 Sensor 2	Check Heated Oxygen Sensor behind catalytic converter. Refer to --> <u>Heated Oxygen Sensor after Catalytic Converter, Checking</u>
P0050	16434	HO2S Heater Control Circuit Bank 2 Sensor 1	Check the Oxygen Sensor (O2S) Heater Z19. Refer to --> <u>Oxygen Sensor (O2S) Heaters before Catalytic Converter, Checking</u> .
P0051	16435	HO2S Heater Control Circuit Low Bank 2 Sensor 1	
P0052	16436	HO2S Heater Control Circuit High Bank 2 Sensor 1	
P0056	16440	HO2S Heater Control Circuit Bank 2 Sensor 2	
P0057	16441	HO2S Heater Control Circuit Low Bank 2 Sensor 2	
P0058	16442	HO2S Heater Control Circuit High Bank 2 Sensor 2	
P0068	16452	MAP/MAF - Throttle Position Correlation	Check the Intake Air Temperature (IAT) Sensor G42. Refer to --> <u>Intake Air Temperature (IAT) Sensor G42, Checking</u> . Check Intake Manifold Runner Position Sensor 2. Refer to --> <u>Intake Manifold Runner Position Sensor 2, Checking</u> .
P0069	16453	Manifold Absolute Pressure (MAP) - Barometric Pressure Correlation	Check Intake Manifold Runner Position Sensor G336. Refer to --> <u>Intake Manifold Runner Position Sensor 1, Checking</u> . Check the intake system for leaks (false air). Refer to --> <u>Checking Intake System for Leaks</u> .
P0087	16471	Fuel Rail/System Pressure - Too Low	Check Fuel Injectors. Refer to --> <u>Fuel Injectors, Checking</u> .
P0088	16472	Fuel Rail/System Pressure - Too High	Check the Low Fuel Pressure Sensor G410. Refer to --> <u>Low Fuel Pressure Sensor G410, Checking</u> .
P0089	16473	Fuel Pressure Regulator 1 Performance	Check the Fuel pressure and residual pressure. Refer to --> <u>Fuel pressure and residual pressure before high pressure pump, Checking</u> .
P0090	16474	Fuel Pressure regulator 1 Control Circuit	Check the Fuel Pressure Sensor G247. Refer to --> <u>Fuel Pressure Sensor G247, Checking</u> .
P0091	16475	Fuel Pressure regulator 1 Control Circuit Low	Check fuel pump delivery and quantity.

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

P0094	16478	Fuel System Leak Detected - Small Leak	Refer to --> <u>Fuel Delivery, Checking</u> .
P0095	16479	Intake Air Temperature Sensor 2 Circuit	Check the Intake Air Temperature (IAT) Sensor G42. Refer to --> <u>Intake Air Temperature (IAT) Sensor G42, Checking</u> .
P0106	16490	Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance	Check the Intake Air Temperature (IAT) Sensor G42. Refer to --> <u>Intake Air Temperature (IAT) Sensor G42, Checking</u> .
P0107	16491	Manifold Absolute Pressure/Barometric Pressure Circuit Low Input1)	Check the intake system for leaks (false air). Refer to --> <u>Checking Intake System for Leaks</u> .
P0108	16492	Manifold Absolute Pressure/Barometric Pressure Circuit High Input1)	Check Intake Manifold Runner Position Sensor 2. Refer to --> <u>Intake Manifold Runner Position Sensor 2, Checking</u> .
P0112	16496	Intake Air Temperature Sensor 1 Circuit Low	Check Intake Manifold Runner Position Sensor G336. Refer to --> <u>Intake Manifold Runner Position Sensor 1, Checking</u> .
P0113	16497	Intake Air Temperature Sensor 1 Circuit High	Check the intake system for leaks (false air). Refer to --> <u>Checking Intake System for Leaks</u> .
P0116	16500	Engine Coolant Temperature Circuit Range/Performance	Check the Engine Coolant Temperature (ECT) Sensor G62. Refer to --> <u>Engine Coolant Temperature (ECT) Sensor G62, Checking</u> .
P0117	16501	Engine Coolant Temperature Circuit Low	
P0118	16502	Engine Coolant Temperature Circuit High	
P0121	16505	Throttle/Pedal Position Sensor/Switch "A" Circuit Range/Performance	Check Throttle Valve Control Module J338. Refer to --> <u>Throttle Valve Control Module, Checking</u> .
P0122	16506	Throttle/Pedal Position Sensor/Switch "A" Circuit Low	
P0123	16507	Throttle/Pedal Position Sensor/Switch "A" Circuit High	
P0131	16515	O2 Sensor Circuit Low Voltage, Bank 1 Sensor 1	
P0132	16516	O2 Sensor Circuit High Voltage, Bank 1 Sensor 1	
P0133	16517	O2 Sensor Circuit Slow Response, Bank 1 Sensor 1	
P0135	16519	O2 Sensor Heater Circuit, Bank 1 Sensor 1	
P0136	16520	O2 Sensor Circuit, Bank 1 Sensor 2	
P0137	16521	O2 Sensor Circuit Low Voltage, Bank 1 Sensor 2	
		O2 Sensor Circuit High Voltage, Bank 1	

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

P0138	16522	Sensor 2	
P0140	16524	O2 Sensor Circuit No Activity Detected, Bank 1 Sensor 2	
P0141	16525	O2 Sensor Heater Circuit, Bank 1 Sensor 2	
P0151	16535	O2 Sensor Circuit Low Voltage Bank 2 Sensor 1	<p>Check Heated Oxygen Sensor before catalytic converter. Refer to --> <u>Heated Oxygen Sensor before Catalytic Converter, Checking</u> .</p> <p>Check Heated Oxygen Sensor behind catalytic converter. Refer to --> <u>Heated Oxygen Sensor after Catalytic Converter, Checking</u></p> <p>Check the Oxygen Sensor (O2S) Heater Z19. Refer to --> <u>Oxygen Sensor (O2S) Heaters before Catalytic Converter, Checking</u> .</p>
P0152	16536	O2 Sensor Circuit High Voltage Bank 2 Sensor 1	
P0153	16537	O2 Sensor Circuit Slow Response Bank 2 Sensor 1	
P0155	16539	O2 Sensor Heater Circuit Bank 2 Sensor 1	
P0156	16540	O2 Sensor Circuit Bank 2 Sensor 2	
P0157	16541	O2 Sensor Circuit Low Voltage Bank 2 Sensor 2	
P0158	16542	O2 Sensor Circuit High Voltage Bank 2 Sensor 2	
P0160	16544	O2 Sensor Circuit No Activity Detected Bank 2 Sensor 2	
P0161	16545	O2 Sensor Heater Circuit Bank 2 Sensor 2	
P0171	16555	System Too Lean, Bank 1	

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

			<p>(EVAP) Canister Purge Regulator Valve N80. Refer to --> <u>Evaporative Emission (EVAP) Canister Purge Regulator Valve N80 , Checking .</u> Check the intake system for leaks (false air). Refer to --> <u>Checking Intake System for Leaks .</u> Check exhaust system for proper seal. Check vacuum lines for leaks</p>
P0172	16556	System Too Rich, Bank 1	<p>Check the Fuel pressure regulator and residual pressure. Refer to --> <u>Fuel pressure and residual pressure before high pressure pump , Checking .</u> Check the fuel injectors. Refer to --> <u>Fuel Injectors , Checking .</u> Check the Evaporative Emission (EVAP) Canister Purge Regulator Valve N80. Refer to --> <u>Evaporative Emission (EVAP) Canister Purge Regulator Valve N80 , Checking .</u> Check the Heated Oxygen Sensor (HO2S) G39. Refer to --> <u>Heated Oxygen Sensor (HO2S) before Catalytic Converter, Checking .</u> Check the Oxygen Sensor (O2S) Behind Three Way Catalytic Converter (TWC) G130. Refer to --> <u>Oxygen Sensors (O2S) Behind Three Way Catalytic Converter (TWC) behind Catalytic Converter, Checking .</u> Check Fuel Pressure Sensor. Refer to --> <u>Fuel Pressure Sensor, Checking .</u> Check Low Fuel Pressure Sensor. Refer to --> <u>Low Fuel Pressure Sensor, Checking .</u></p>
		System Too Lean Bank 2	<p>Check the fuel pump delivery and quantity. Refer to --> <u>Fuel Pump Delivery Quantity, Checking .</u> Check the Fuel pressure regulator and residual pressure. Refer to --> <u>Fuel pressure and residual pressure before high pressure pump , Checking .</u> Check Fuel Pressure Sensor G247 --> <u>Fuel Pressure Sensor G247 , Checking .</u> Check the fuel injectors. Refer to --> <u>Fuel Injectors , Checking .</u></p>

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

P0174	16558		<p>Check the Heated Oxygen Sensor (HO2S) 2 G108. Refer to --> <u>Heated Oxygen Sensor (HO2S) before Catalytic Converter, Checking</u> .</p> <p>Check the Oxygen Sensor (O2S) 2 Behind Three Way Catalytic Converter (TWC) G131. Refer to --> <u>Oxygen Sensors (O2S) Behind Three Way Catalytic Converter (TWC) behind Catalytic Converter, Checking</u> .</p> <p>Check the Evaporative Emission (EVAP) Canister Purge Regulator Valve N80. Refer to --> <u>Evaporative Emission (EVAP) Canister Purge Regulator Valve N80 , Checking</u> .</p> <p>Check the intake system for leaks (false air). Refer to --> <u>Checking Intake System for Leaks</u> .</p> <p>Check exhaust system for proper seal.</p> <p>Check vacuum lines for leaks</p>
P0175	16559	System Too Rich Bank 2	<p>Check the Fuel pressure regulator and residual pressure. Refer to --> <u>Fuel pressure and residual pressure before high pressure pump , Checking</u> .</p> <p>Check the fuel injectors. Refer to --> <u>Fuel Injectors , Checking</u> .</p> <p>Check the Evaporative Emission (EVAP) Canister Purge Regulator Valve N80. Refer to --> <u>Evaporative Emission (EVAP) Canister Purge Regulator Valve N80 , Checking</u> .</p> <p>Check the Heated Oxygen Sensor (HO2S) G39. Refer to --> <u>Heated Oxygen Sensor (HO2S) before Catalytic Converter, Checking</u> .</p> <p>Check the Oxygen Sensor (O2S) Behind Three Way Catalytic Converter (TWC) G130. Refer to --> <u>Oxygen Sensors (O2S) Behind Three Way Catalytic Converter (TWC) behind Catalytic Converter, Checking</u> .</p> <p>Check Fuel Pressure Sensor. Refer to --> <u>Fuel Pressure Sensor, Checking</u> .</p> <p>Check Low Fuel Pressure Sensor. Refer to --> <u>Low Fuel Pressure Sensor, Checking</u> .</p>
P0190	16574	Fuel Rail Pressure Sensor Circuit	<p>Check the fuel injectors. Refer to --></p>

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

P0192	16576	Fuel Rail Pressure Sensor Circuit Low	Fuel Injectors , Checking .
P0201	16585	Injector Circuit/Open - Cylinder 1	Check the Fuel pressure regulator and residual pressure. Refer to --> Fuel pressure and residual pressure before high pressure pump , Checking .
P0202	16586	Injector Circuit/Open - Cylinder 2	
P0203	16587	Injector Circuit/Open - Cylinder 3	Check the Fuel Pressure Sensor G247. Refer to --> Fuel Pressure Sensor G247 , Checking .
P0204	16588	Injector Circuit/Open - Cylinder 4	
P0205	16589	Cylinder 5 Fuel Injector N83 Electrical malfunction	Check Low Fuel Pressure Sensor. Refer to --> Low Fuel Pressure Sensor, Checking .
P0206	16590	Cylinder 6 Fuel Injector N84 Electrical malfunction	
P0219	16603	Maximum engine revs surpassed	Diagnostic Mode 04 - Reset/Delete Diagnostic Data
P0221	16605	Throttle/Pedal Position Sensor/Switch "B" Circuit Range/Performance	Check Throttle Valve Control Module J338. Refer to --> Throttle Valve Control Module, Checking .
P0222	16606	Throttle/Pedal Position Sensor/Switch "B" Circuit Low	
P0223	16607	Throttle/Pedal Position Sensor/Switch "B" Circuit High	
P0261	16645	Cylinder 1 Injector Circuit Low	Check the fuel injectors. Refer to --> Fuel Injectors , Checking . Check the Fuel pressure regulator and residual pressure. Refer to --> Fuel pressure and residual pressure before high pressure pump , Checking . Check the Fuel Pressure Sensor G247. Refer to --> Fuel Pressure Sensor G247 , Checking . Check Low Fuel Pressure Sensor. Refer to --> Low Fuel Pressure Sensor, Checking .
P0262	16646	Cylinder 1 Injector Circuit High	
P0264	16648	Cylinder 2 Injector Circuit Low	
P0265	16649	Cylinder 2 Injector Circuit High	
P0267	16651	Cylinder 3 Injector Circuit Low	
P0268	16652	Cylinder 3 Injector Circuit High	
P0270	16654	Cylinder 4 Injector Circuit Low	
P0271	16655	Cylinder 4 Injector Circuit High	
P0273	16657	Cylinder 5 Fuel Injector N83 Short to Ground (GND)	
P0274	16658	Cylinder 5 Fuel Injector N83 Short to positive	
P0276	16660	Cylinder 6 Fuel Injector N84 Short to Ground (GND)	Check the fuel injectors. Refer to --> Fuel Injectors , Checking . Check the Fuel pressure regulator and residual pressure. Refer to --> Fuel pressure and residual pressure before high pressure pump , Checking . Check the Fuel Pressure Sensor G247. Refer to --> Fuel Pressure Sensor G247 , Checking .
P0277	16661	Cylinder 6 Fuel Injector N84 Short to positive	
P0300	16684	Random/Multiple Cylinder Misfire Detected	
P0301	16685	Cylinder 1 Misfire Detected	Check Low Fuel Pressure Sensor. Refer
P0302	16686	Cylinder 2 Misfire Detected	
P0303	16687	Cylinder 3 Misfire Detected	

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

P0304	16688	Cylinder 4 Misfire Detected	to --> <u>Low Fuel Pressure Sensor, Checking</u> . Check Ignition Coil with Power Output Stage. Refer to --> <u>Ignition Coil with Power Output Stage, Checking</u> .
P0305	16689	Cyl. 5 misfire detected	
P0306	16690	Cyl. 6 misfire detected	
P0321	16705	Ignition/Distributor Engine Speed Input Circuit Range/Performance	<u>Engine Speed (RPM) Sensor G28 , Checking</u>
P0322	16706	Ignition/Distributor Engine Speed Input Circuit No Signal	
P0326	16710	Knock Sensor 1 Circuit Range/Performance	Check the Knock Sensor (KS) 1 G61. Refer to --> <u>Knock Sensor (KS) , Checking</u> .
P0327	16711	Knock Sensor 1 Circuit Low, Bank 1 or Single Sensor	
P0328	16712	Knock Sensor 1 Circuit High, Bank 1 or Single Sensor	
P0331	16715	Knock Sensor 2 Circuit Range/Performance	
P0332	16716	Knock Sensor 2 Circuit Low, Bank 2	
P0333	16717	Knock Sensor 2 Circuit High, Bank 2	Check the Engine Speed (RPM) Sensor G28. Refer to --> <u>Engine Speed (RPM) Sensor G28 , Checking</u> .
P0335	16719	Crankshaft Position Sensor (A) Circuit-G28 Malfunction	
P0336	16720	Crankshaft Position Sensor (A) Circuit Range/Performance	
P0340	16724	Camshaft Position Sensor "A" Circuit, Bank 1 or Single Sensor	Check the Camshaft Position (CMP) Sensor G40. Refer to --> <u>Camshaft Position (CMP) Sensors , Checking</u> .
P0341	16725	Camshaft Position Sensor "A" Circuit Range/Performance, Bank 1 or Single Sensor	
P0345	16729	Camshaft Position Sensor "A" Circuit Bank 2	
P0346	16730	Camshaft Position Sensor "A" Circuit Range/Performance Bank 2	
P0351	16735	Ignition Coil "A" Primary/Secondary Circuit	Check the Ignition Coil with Power Output Stage. Refer to --> <u>Ignition Coil with Power Output Stage, Checking</u> .
P0352	16736	Ignition Coil "B" Primary/Secondary Circuit	
P0353	16737	Ignition Coil "C" Primary/Secondary Circuit	
P0354	16738	Ignition Coil "D" Primary/Secondary Circuit	
P0355	16739	Ignition Coil "E" Primary/Secondary Circuit	
P0356	16740	Ignition Coil "F" Primary/Secondary Circuit	

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

P0365	16749	Camshaft Position Sensor "B" Circuit Bank 1	Check the Camshaft Position (CMP) Sensor 2 G163. Refer to --> <u>Camshaft Position (CMP) Sensors , Checking .</u>	
P0366	16750	Camshaft Position Sensor "B" Circuit Range/Performance Bank 1		
P0390	16774	Camshaft Position Sensor (B) Circuit (Bank 2) Malfunction		
P0391	16775	Camshaft Position Sensor "B" Circuit Range/Performance Bank 2		
P0420	16804	Catalyst System, Bank1, Efficiency Below Threshold	Check Heated Oxygen Sensor before catalytic converter. Refer to --> <u>Heated Oxygen Sensor before Catalytic Converter, Checking .</u>	
P0421	16805	Warm Up Catalyst Efficiency Below Threshold, Bank 1	Check Heated Oxygen Sensor behind catalytic converter. Refer to --> <u>Heated Oxygen Sensor after Catalytic Converter, Checking</u>	
P0430	16814	Catalyst System Efficiency Below Threshold Bank 2	Check the Oxygen Sensor (O2S) Heater Z19. Refer to --> <u>Oxygen Sensor (O2S) Heaters before Catalytic Converter, Checking .</u>	
P0431	16815	Warm Up Catalyst Efficiency Below Threshold, Bank 2		
P0441	16825	Evaporative Emission System Incorrect Purge Flow	Check the Evaporative Emission (EVAP) Canister Purge Regulator Valve N80. Refer to --> <u>Evaporative Emission (EVAP) Canister Purge Regulator Valve N80 , Checking .</u> Check the Leak Detection Pump (LDP) V144. Refer to --> <u>Leak Detection Pump (LDP) V144 , Checking</u> Check the Evaporative Emission (EVAP) Canister System for proper seal. Refer to --> <u>EVAP System, Checking for Leaks .</u>	
P0442	16826	Evaporative Emission System Leak Detected (small leak)		
P0444	16828	Evaporative Emission System Purge Control Valve Circuit Open		
P0455	16839	Evaporative Emission System Leak Detected (large leak)		
P0456	16840	Evaporative Emission System Leak Detected (very small leak)		
P0458	16842	Evaporative Emission System Purge Control Valve Circuit Low		
P0459	16843	Evaporative Emission System Purge Control Valve Circuit High		
P0501	16885	Vehicle Speed Sensor "A" Range/Performance		Check the engine speed sensor. Refer to --> <u>Engine Speed Sensor, Checking .</u>
P0506	16890	Idle Air Control System RPM Lower Than Expected		Check the Throttle Valve Control Module J338. Refer to --> <u>Throttle Valve Control Module J338 , Checking .</u>
P0507	16891	Idle Air Control System RPM Higher Than Expected		
		Voltage supply too low	Check Multi-Function Transmission Range (TR) Switch. Refer to --> <u>Multi-Function Transmission Range Switch, Checking .</u> Check sensor for transmission output	

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

P0562	16946		RPM. Refer to --> <u>Transmission Output RPM Sensor, Checking</u> . Check sensor for transmission RPM. Refer to --> <u>Transmission RPM Sensor, Checking</u> . Check solenoid valve 1. Refer to --> <u>Solenoid Valve 1, Checking</u> . Transmission Control Module. Refer to --> <u>Transmission Control Module, Replacing</u> .
P0563	16947	Voltage supply too high	Check Transmission Fluid Temperature Sensor. Refer to --> <u>Transmission Fluid Temperature Sensor, Checking</u> . Check the Transmission Control Module (TCM) J217 voltage supply. Refer to --> <u>Transmission Control Module (TCM) J217 , Voltage Supply, Checking</u> .
P0600	16984	Data bus drive missing message	Eliminate malfunction in Can-bus components according to the wiring diagram --> Electrical Wiring Diagrams, Troubleshooting and Component Locations
P0601	16985	Internal Control Module Memory Check Sum Error	Replace the Engine Control Module (ECM) J623. Refer to --> <u>Engine Control Module (ECM) J623 , Removing and Installing</u> . Check SIMOS Control Module Power Supply Relay J363. Refer to --> <u>Engine Control Module Power Supply Relay, Checking</u> .
P0603	16987	Internal Control Module Keep Alive Memory (KAM) Error	Check Multi-Function Transmission Range (TR) Switch. Refer to --> <u>Multi-Function Transmission Range Switch, Checking</u> . Check sensor for transmission output RPM. Refer to --> <u>Transmission Output RPM Sensor, Checking</u> . Check sensor for transmission RPM. Refer to --> <u>Transmission RPM Sensor, Checking</u> . Check solenoid valve 1. Refer to --> <u>Solenoid Valve 1, Checking</u> . Transmission Control Module. Refer to --> <u>Transmission Control Module, Replacing</u> .

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

			<p>Check Transmission Fluid Temperature Sensor. Refer to --> <u>Transmission Fluid Temperature Sensor, Checking</u> .</p> <p>Check the Transmission Control Module (TCM) J217 voltage supply. Refer to --> <u>Transmission Control Module (TCM) J217 , Voltage Supply, Checking</u> .</p>
P0604	16988	Internal Control Module Random Access Memory (RAM) Error	<p>Check Multi-Function Transmission Range (TR) Switch. Refer to --> <u>Multi-Function Transmission Range Switch, Checking</u> .</p> <p>Check sensor for transmission output RPM. Refer to --> <u>Transmission Output RPM Sensor, Checking</u> .</p>
P0605	16989	Internal Control Module Read Only Memory (ROM) Error	<p>Check sensor for transmission RPM. Refer to --> <u>Transmission RPM Sensor, Checking</u> .</p> <p>Check solenoid valve 1. Refer to --> <u>Solenoid Valve 1, Checking</u> .</p>
P0606	16990	ECM/PCM Processor	<p>Transmission Control Module. Refer to --> <u>Transmission Control Module, Replacing</u> .</p>
P0607	16991	Control Module Performance	<p>Check Transmission Fluid Temperature Sensor. Refer to --> <u>Transmission Fluid Temperature Sensor, Checking</u> .</p>
P060A		Watchdog	<p>Check the Transmission Control Module (TCM) J217 voltage supply. Refer to --> <u>Transmission Control Module (TCM) J217 , Voltage Supply, Checking</u> .</p>
P0613	16997	TCM Processor	<p>Replace the Engine Control Module (ECM) J623. Refer to --> <u>Engine Control Module (ECM) J623 , Removing and Installing</u> .</p>
P0614	16998	ECM / TCM Incompatible	<p>Check SIMOS Control Module Power Supply Relay J363. Refer to --> <u>Engine Control Module Power Supply Relay, Checking</u> .</p>
P0634	17018	PCM/ECM/TCM Internal Temperature Too High	
P0638	17022	Throttle Actuator Control Range/Performance	<p>Check the Throttle Valve Control Module J338. Refer to --> <u>Throttle Valve Control Module J338 , Checking</u> .</p> <p>Check the Throttle Position (TP) Sensor G79/Accelerator Pedal Position Sensor</p>

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

			2 G185. Refer to --> <u>Throttle Position (TP) Sensor G79/Accelerator Pedal Position Sensor 2 G185 , Checking .</u>
P0641	17025	Sensor Reference Voltage "A" Circuit/Open	Replace the Engine Control Module (ECM) J623. Refer to --> <u>Engine Control Module (ECM) J623 , Removing and Installing .</u> Check SIMOS Control Module Power Supply Relay J363. Refer to --> <u>Engine Control Module Power Supply Relay, Checking .</u>
P0642	17026	Sensor Reference Voltage "A" Circuit Low	
P0643	17027	Sensor Reference Voltage "A" Circuit High	
P0652	17036	Sensor Reference Voltage "B" Circuit Low	
P0653	17037	Sensor Reference Voltage "B" Circuit High	
P0657	17041	Actuator Supply Voltage "A" Circuit/Open	
P0658	17042	Actuator Supply Voltage "A" Circuit Low	
P0659	17043	Actuator Supply Voltage "A" Circuit High	
P0686	17070	ECM/PCM Power Relay Control Circuit Low	
P0687	17071	ECM/PCM Power Relay Control Circuit High	
P0700	17084	Transmission Control System (MIL Request)	Check Multi-Function Transmission Range (TR) Switch F125 --> <u>Multi-Function Transmission Range (TR) Switch F125 , Checking .</u> Sensor for transmission output RPM, checking --> <u>Transmission Output Speed (RPM) Sensor G195 , Checking</u> Sensor for transmission RPM, checking --> <u>Transmission Input Speed (RPM) Sensor G182 , Checking</u> Solenoid valve 1, checking --> <u>Solenoid Valve 1 N88 , Checking</u> Transmission Control Module (TCM) J217 , replacing --> <u>Transmission Control Module (TCM) J217 , Replacing</u> Transmission Fluid Temperature
P0705	17089	Transmission Range Sensor Circuit Malfunction (PRNDL Input)	
P0706	17090	Transmission Range Sensor Circuit Range/Performance	
P0707		Transmission Range Sensor Circuit Low	
P0708		Transmission Range Sensor Circuit High	
P0710	17094	Transmission Fluid Temperature Sensor "A" Circuit	
P0711	17095	Transmission Fluid Temperature Sensor "A" Circuit Range/Performance	
P0712	17096	Transmission Fluid Temperature Sensor "A" Circuit Low	
P0713	17097	Transmission Fluid Temperature Sensor "A" Circuit High	
P0714	17098	Transmission Fluid Temperature Sensor "A" Circuit Intermittent	
P0715	17099	Input/Turbine Speed Sensor ""A"" Circuit	
		Input/Turbine Speed Sensor "A" Circuit	

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

P0716	17100	Range/Performance2)	Sensor, checking --> <u>Transmission Fluid Temperature Sensor G93 , Checking</u>
P0717	17101	Input/Turbine Speed Sensor "A" Circuit No Signal	
P0721	17105	Output Speed Sensor Circuit Range/Performance2)	
P0722	17106	Output Speed Sensor Circuit No Signal	
P0727	17111	Engine Speed Input Circuit No Signal	Check the wiring connection Between Engine Control Module (ECM) J623 and the Transmission Control Module (TCM) J217. Check the Engine Speed (RPM) Sensor G28. Refer to --> <u>Engine Speed (RPM) Sensor G28 , Checking .</u>
P0729	17113	Gear 6 Incorrect Ratio	Check Multi-Function Transmission Range (TR) Switch F125 --> <u>Multi-Function Transmission Range (TR) Switch F125 , Checking .</u>
P0731	17115	Gear 1 Incorrect Ratio	Sensor for transmission output RPM, checking --> <u>Transmission Output Speed (RPM) Sensor G195 , Checking</u>
P0732	17116	Gear 2 Incorrect Ratio	Sensor for transmission RPM, checking --> <u>Transmission Input Speed (RPM) Sensor G182 , Checking</u>
P0733	17117	Gear 3 Incorrect Ratio	Solenoid valve 1, checking --> <u>Solenoid Valve 1 N88 , Checking</u>
P0734	17118	Gear 4 Incorrect Ratio	Transmission Control Module (TCM) J217 , replacing --> <u>Transmission Control Module (TCM) J217 , Replacing</u>
P0735	17119	Gear 5 Incorrect Ratio	Transmission Fluid Temperature Sensor, checking --> <u>Transmission Fluid Temperature Sensor G93 , Checking</u>
P0736	17120	Reverse Incorrect Ratio	
P0741	P0743	P0746	Check Multi-Function Transmission Range (TR) Switch F125 --> <u>Multi-Function Transmission Range (TR) Switch F125 , Checking .</u> Sensor for transmission output RPM, checking --> <u>Transmission Output Speed (RPM) Sensor G195 , Checking</u> Sensor for transmission RPM, checking --> <u>Transmission Input Speed (RPM) Sensor G182 , Checking</u> Solenoid valve 1, checking -->

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

			<p><u>Solenoid Valve 1 N88 , Checking</u> Transmission Control Module (TCM) J217 , replacing --> <u>Transmission Control Module (TCM) J217 , Replacing</u> Transmission Fluid Temperature Sensor, checking --> <u>Transmission Fluid Temperature Sensor G93 , Checking</u> Check Engine Speed (RPM) Sensor G28. Refer to --> <u>Engine Speed Sensor, Checking .</u></p>
P0746	17130	Pressure Control Solenoid "A" Performance or Stuck Off	<p>Check Multi-Function Transmission Range (TR) Switch F125 --> <u>Multi-Function Transmission Range (TR) Switch F125 , Checking .</u> Sensor for transmission output RPM, checking --> <u>Transmission Output Speed (RPM) Sensor G195 , Checking</u> Sensor for transmission RPM, checking --> <u>Transmission Input Speed (RPM) Sensor G182 , Checking</u> Solenoid valve 1, checking --> <u>Solenoid Valve 1 N88 , Checking</u> Transmission Control Module (TCM) J217 , replacing --> <u>Transmission Control Module (TCM) J217 , Replacing</u> Transmission Fluid Temperature Sensor, checking --> <u>Transmission Fluid Temperature Sensor G93 , Checking</u></p>
P0747	17131	Pressure Control Solenoid "A" Stuck On	
P0748	17132	Pressure Control Solenoid ""A"" Electrical	
P0751	17135	Shift Solenoid "A" Performance or Stuck Off	
P0752	17136	Shift Solenoid "A" Stuck On	
P0754		Shift Solenoid "A" Intermittent	
P0776	17160	Pressure Control Solenoid "B" Performance or Stuck off	
P0777	17161	Pressure Control Solenoid "B" Stuck On	
P0778	17162	Pressure Control Solenoid "B" Electrical	
P0781	P0782	P0783	
P0782	17166	2-3 Shift	
P0783	P0784	P0796	
P0784	P0796	P0797	
P0796	17180	Pressure Control Solenoid "C" Performance or Stuck off	
P0797	17181	Pressure Control Solenoid "C" Stuck On	
P0798	17182	Pressure Control Solenoid "C" Electrical	
P0829	17213	5-6 Shift	
P0889	17273	TCM Power Relay Sense Circuit Range/Performance	
P0890	17274	TCM Power Relay Sense Circuit Low	
P0891	17275	TCM Power Relay Sense Circuit High	
P0892	17276	TCM Power Relay Sense Circuit Intermittent	
P12A1		Fuel Rail Pressure Sensor Inappropriately High	<p>Check the Fuel Injectors --> <u>Fuel Injectors , Checking</u> Check the fuel pressure and residual pressure before high pressure pump --></p>

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

P12A2		Fuel Rail Pressure Sensor Inappropriately High	Fuel pressure and residual pressure before high pressure pump , Checking Check the Fuel Pressure Sensor G247. Refer to --> Fuel Pressure Sensor G247 , Checking .
P12A4		Fuel Rail Pump Control Valve Stuck Closed	Check the Fuel Pump Delivery Quantity --> Fuel Pump Delivery Quantity, Checking Check the Low Fuel Pressure Sensor --> Low Fuel Pressure Sensor G410 , Checking
P1702	P1857	P2088	Check Multi-Function Transmission Range (TR) Switch F125 --> Multi-Function Transmission Range (TR) Switch F125 , Checking . Sensor for transmission output RPM, checking --> Transmission Output Speed (RPM) Sensor G195 , Checking Sensor for transmission RPM, checking --> Transmission Input Speed (RPM) Sensor G182 , Checking Solenoid valve 1, checking --> Solenoid Valve 1 N88 , Checking Transmission Control Module (TCM) J217 , replacing --> Transmission Control Module (TCM) J217 , Replacing Transmission Fluid Temperature Sensor, checking --> Transmission Fluid Temperature Sensor G93 , Checking
P2004	18436	Intake Manifold Runner Control Stuck Open, Bank 1	Check the Intake Manifold Runner Position Sensor G336. Refer to --> Intake Manifold Runner Position Sensor G336 , Checking .
P2005	18437	Intake manifold flap for air stream regulation, (Bank 2) Stuck open	
P2006	18438	Intake manifold flap for air stream regulation, bank 1 Stuck closed	
P2007	18439	Intake manifold flap for air stream regulation, bank 2 Stuck closed	
P2008	18440	Intake Manifold Runner Control Circuit/Open Bank 1	
P2009	18441	Intake Manifold Runner Control Circuit Low, Bank 1	
P2010	18442	Intake Manifold Runner Bank 1 Short to	

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

		Battery +	Check Intake Manifold Runner Position
P2014	18446	Intake Manifold Runner Position Sensor/Switch Circuit Bank 1	Sensor 2 G512. Refer to --> <u>Intake Manifold Runner Position Sensor 2, Checking</u> .
P2015	18447	Intake Manifold Runner Position Sensor/Switch Circuit Range/Performance Bank 1	
P2017	18449	Intake Manifold Runner Position Sensor/Switch Circuit High Bank 1	
P2019	18451	Sensor for intake manifold flap position 2 Electrical Malfunction	
P2020	18452	Sensor for intake manifold flap position 2 Range/Performance	
P2022	18454	Intake Manifold Runner Position Sensor 2 Short to Battery +	
P2088	18520	"A" Camshaft Position Actuator Control Circuit Low Bank 1	Check the Camshaft Adjustment Valve 1 N205. Refer to --> <u>Camshaft Adjustment Valve , Checking</u> .
P2089	18521	"A" Camshaft Position Actuator Control Circuit High Bank 1	
P2090	18522	"B" Camshaft Position Actuator Control Circuit Low Bank 1	
P2091	18523	"B" Camshaft Position Actuator Control Circuit High Bank 1	
P2092	18524	A Camshaft Position Actuator Control Circuit Low (Bank 2)	
P2093	18525	A Camshaft Position Actuator Control Circuit High (Bank 2)	
P2094	18526	"B" Camshaft Position Actuator Control Circuit Low Bank 2 c)	
P2095	18527	"B" Camshaft Position Actuator Control Circuit High Bank 2 c)	
P2096	18528	Post Catalyst Fuel Trim System Too Lean, Bank 1	Check Heated Oxygen Sensor before catalytic converter. Refer to --> <u>Heated Oxygen Sensor before Catalytic Converter, Checking</u> . Check Heated Oxygen Sensor behind catalytic converter. Refer to --> <u>Heated Oxygen Sensor after Catalytic Converter, Checking</u> Check the Oxygen Sensor (O2S) Heater Z19. Refer to --> <u>Oxygen Sensor (O2S) Heaters before Catalytic Converter, Checking</u> . Check the Intake Manifold Runner Position Sensor G336. Refer to --> <u>Intake Manifold Runner Position</u>

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

			<p>Sensor G336 , Checking . Check Intake Manifold Runner Position Sensor 2 G512. Refer to --> <u>Intake Manifold Runner Position Sensor 2, Checking .</u></p>
P2097	18529	Post Catalyst Fuel Trim System Too Rich	<p>Check Heated Oxygen Sensor before catalytic converter. Refer to --> <u>Heated Oxygen Sensor before Catalytic Converter, Checking .</u></p>
P2098	18530	Post Catalyst Fuel Trim System Too Lean Bank 2	<p>Check Heated Oxygen Sensor behind catalytic converter. Refer to --> <u>Heated Oxygen Sensor after Catalytic Converter, Checking</u></p>
P2099	18531	Post Catalyst Fuel Trim System Too Rich Bank 2	<p>Check the Oxygen Sensor (O2S) Heater Z19. Refer to --> <u>Oxygen Sensor (O2S) Heaters before Catalytic Converter, Checking .</u></p>
P2101	18533	Throttle Actuator Control Motor Circuit Range/Performance	<p>Check the Throttle Valve Control Module J338. Refer to --> <u>Throttle Valve Control Module J338 , Checking .</u></p>
P2106	18538	Throttle Actuator Control System, Forced Limited Power	
P2122	18554	Throttle/Pedal Position Sensor/Switch "D" Circuit Low Input	
P2123	18555	Throttle/Pedal Position Sensor/Switch "D" Circuit High Input	
P2127	18559	Throttle/Pedal Position Sensor/Switch "E" Circuit Low Input	
P2128	18560	Throttle/Pedal Position Sensor/Switch "E" Circuit High Input	<p>Check the Throttle Position (TP) Sensor G79/Accelerator Pedal Position Sensor 2 G185. Refer to --> <u>Throttle Position (TP) Sensor G79/Accelerator Pedal Position Sensor 2 G185 , Checking .</u></p>
P2138	18570	Throttle/Pedal Position Sensor/Switch "D" / "E" Voltage Correlation	
P2147	18579	Fuel Injector Group A Supply Voltage Circuit Low	<p>Check the fuel injectors. Refer to --> <u>Fuel Injectors , Checking .</u></p>
P2148	18580	Fuel Injector Group A Supply Voltage Circuit High	<p>Check the Fuel pressure regulator and residual pressure. Refer to --> <u>Fuel pressure and residual pressure before high pressure pump , Checking .</u></p>
P2150	18582	Fuel Injector Group B Supply Voltage Circuit Low	
P2151	18583	Fuel Injector Group "B" Supply Voltage Circuit High	<p>Check the Fuel Pressure Sensor G247. Refer to --> <u>Fuel Pressure Sensor G247 , Checking .</u></p>
P2153	18585	Fuel Injector Group "C" Supply Voltage Circuit Low	<p>Check Low Fuel Pressure Sensor. Refer to --> <u>Low Fuel Pressure Sensor, Checking .</u></p>
P2154	18586	Fuel Injector Group "C" Supply Voltage Circuit High	
		Cooling System Performance	<p>Check the Engine Coolant Temperature (ECT) Sensor G62. Refer to --> <u>Engine</u></p>

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

P2181	18613		Coolant Temperature (ECT) Sensor G62 , Checking . Check Coolant Pump V50 --> <u>19 - ENGINE - COOLING SYSTEM</u> Check Coolant Thermostat. --> <u>19 - ENGINE - COOLING SYSTEM .</u>
P2195	18627	O2 Sensor Signal Stuck Lean Bank 1 Sensor 1	<p>Check the Heated Oxygen Sensor (HO2S) G39. Refer to --> <u>Heated Oxygen Sensor (HO2S) before Catalytic Converter, Checking .</u> Check the Oxygen Sensor (O2S) Heater for Heated Oxygen Sensor (HO2S) --> <u>Oxygen Sensor (O2S) Heaters before Catalytic Converter, Checking</u> Check the Oxygen Sensor (O2S) Heater for Oxygen Sensor (O2S). Refer to --> <u>Oxygen Sensors (O2S) Behind Three Way Catalytic Converter (TWC) behind Catalytic Converter, Checking</u></p>
P2196	18628	O2 Sensor Signal Stuck Rich Bank 1 Sensor 1	
P2197	18629	O2 Sensor Signal Stuck Lean Bank 2 Sensor 1	
P2198	18630	O2 Sensor Signal Stuck Rich Bank 2 Sensor 1	
P2237	18669	O2 Sensor Positive Current Control Circuit/Open Bank 1 Sensor 1	
P2240	18672	O2 Sensor Positive Current Control Circuit/Open Bank 2 Sensor 1	
P2243	18675	O2 Sensor Reference Voltage Circuit/Open, Bank 1 Sensor 1	
P2247	18679	O2 Sensor Reference Voltage Circuit/Open Bank 2 Sensor 1	
P2251	18683	O2 Sensor Negative Current Control Circuit/Open, Bank 1 Sensor 1	
P2254	18686	O2 Sensor Negative Current Control Circuit/Open Bank 2 Sensor 1	
P2270	18702	O2 Sensor Signal Stuck Lean Bank 1 Sensor 2	
P2271	18703	O2 Sensor Signal Stuck Rich Bank 1 Sensor 2	
P2272	18704	O2 Sensor Signal Stuck Lean Bank 2 Sensor 2	
P2273	18705	O2 Sensor Signal Stuck Rich Bank 2 Sensor 2	
P2294	18726	Fuel Pressure Regulator 2 Control Circuit	Check the fuel injectors. Refer to --> <u>Fuel Injectors , Checking .</u>
P2295	18727	Fuel Pressure Regulator 2 Control Circuit Low	Check the Fuel pressure regulator and residual pressure. Refer to --> <u>Fuel pressure and residual pressure before high pressure pump , Checking .</u> Check the Fuel Pressure Sensor G247.
P2296	18728	Fuel Pressure Regulator 2 Control Circuit High	Refer to --> <u>Fuel Pressure Sensor G247 , Checking .</u> Check Low Fuel Pressure Sensor. Refer to --> <u>Low Fuel Pressure Sensor,</u>

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

			Checking .
P2400	18832	Evaporative Emission System Leak Detection Pump Control Circuit/Open	Check the Leak Detection Pump (LDP) V144. Refer to --> <u>Leak Detection Pump (LDP) V144 , Checking</u>
P2401	18833	Evaporative Emission System Leak Detection Pump Control Circuit Low	Check the Evaporative Emission (EVAP) Canister System for proper seal. Refer to --> <u>EVAP System, Checking for Leaks .</u>
P2402	18834	Evaporative Emission System Leak Detection Pump Control Circuit High	
P2403	18835	Evaporative Emission System Leak Detection Pump Sense Circuit/Open	Check Evaporative Emission (EVAP) Canister Purge Regulator Valve. Refer to --> <u>Evaporative Emission (EVAP) Canister Purge Regulator Valve N80 , Checking .</u>
P2404	18836	Evaporative Emission System Leak Detection Pump Sense Circuit Range/Performance	
P2414	18846	O2 Sensor Exhaust Sample Error Bank 1 Sensor 1	Check the Heated Oxygen Sensor (HO2S) G39. Refer to --> <u>Heated Oxygen Sensor (HO2S) before Catalytic Converter, Checking .</u> Check the Oxygen Sensor (O2S) Heater for Heated Oxygen Sensor (HO2S). Refer to --> <u>Oxygen Sensor (O2S) Heaters before Catalytic Converter, Checking</u>
P2415	18847	O2 Sensor Exhaust Sample Error Bank 2 Sensor 1	Check the Oxygen Sensor (O2S) Heater for Oxygen Sensor (O2S). Refer to --> <u>Oxygen Sensors (O2S) Behind Three Way Catalytic Converter (TWC) behind Catalytic Converter, Checking</u>
P2539	18971	Low Pressure Fuel System Sensor Circuit	Check fuel injectors. Refer to --> <u>Fuel Injectors , Checking .</u> Check fuel pressure and residual pressure. Refer to --> <u>Fuel pressure and residual pressure before high pressure pump , Checking .</u> Check Fuel Pressure Sensor. Refer to --> <u>Fuel Pressure Sensor G247 , Checking .</u>
P2540	18972	Low Pressure Fuel System Sensor Circuit Range/Performance	
P2541	18973	Low Pressure Fuel System Sensor Circuit Low	Check the Fuel Pump delivery quantity. Refer to --> <u>Fuel Pump Delivery Quantity, Checking .</u> Check Low Fuel Pressure Sensor G410. Refer to --> <u>Low Fuel Pressure Sensor G410 , Checking .</u>
P2626	19058	O2 Sensor Pumping Current Trim Circuit/Open Bank 1 Sensor 1	Check the Heated Oxygen Sensor (HO2S) G39. Refer to --> <u>Heated Oxygen Sensor (HO2S) before Catalytic Converter, Checking .</u>

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

P2629	19061	O2 Sensor Pumping Current Trim Circuit/Open Bank 2 Sensor 1	Check the Oxygen Sensor (O2S) Heater for Heated Oxygen Sensor (HO2S). Refer to --> <u>Oxygen Sensor (O2S) Heaters before Catalytic Converter, Checking</u>
P2637	19069	Torque Management Feedback Signal "A"	Check the Oxygen Sensor (O2S) Heater for Oxygen Sensor (O2S). Refer to --> <u>Oxygen Sensors (O2S) Behind Three Way Catalytic Converter (TWC) behind Catalytic Converter, Checking</u>
P2714	19146	Pressure Control Solenoid "D" Performance or Stuck Off	Check Multi-Function Transmission Range (TR) Switch. Refer to --> <u>Multi-Function Transmission Range (TR) Switch F125 , Checking .</u>
P2715	19147	Pressure Control Solenoid "D" Stuck On	Check the Automatic Transmission Pressure Regulating Valve 4 N218. Refer to --> <u>Automatic Transmission Pressure Regulating Valves , Checking .</u>
P2716	19148	Pressure Control Solenoid "D" Electrical	Check transmission output RPM. Refer to --> <u>Transmission Output Speed (RPM) Sensor G195 , Checking .</u>
P2723	19155	Pressure Control Solenoid "E" Performance or Stuck Off	Check transmission RPM. Refer to --> <u>Transmission Input Speed (RPM) Sensor G182 , Checking</u>
P2724	19156	Pressure Control Solenoid "E" Stuck On	Check solenoid valve 1. Refer to --> <u>Solenoid Valve 1 N88 , Checking .</u>
P2725	19157	Pressure Control Solenoid "E" Electrical	Check transmission control module. Refer to --> <u>Transmission Control Module (TCM) J217 , Replacing</u>
P2732	19164	Pressure Control Solenoid "F" Performance or Stuck Off	Check Transmissin Fluid Temperature Sensor. Refer to --> <u>Transmission Fluid Temperature Sensor G93 , Checking .</u>
P2733	19165	Pressure Control Solenoid "F" Stuck On	Check the Automatic Transmission Pressure Regulating Valve 6 N371. Refer to --> <u>Automatic Transmission Pressure Regulating Valves , Checking .</u>
P2734	19166	Pressure Control Solenoid "F" Electrical	
P2735	19167	Pressure Control Solenoid "F" Intermittent	
P3081	19537	Engine Temperature Too Low	Check the Engine Coolant Temperature (ECT) Sensor G62. Refer to --> <u>Engine Coolant Temperature (ECT) Sensor G62 , Checking .</u>
U0001	28673	High Speed CAN Communication Bus	
U0100	28772	Lost Communication With ECM/PCM "A"	Check the CAN-Bus terminal resistance. Refer to --> <u>Terminal</u>

2008 Audi A6 Quattro

DTC INDEX DTC Index - 3.2L (BKH Engine)

U0101	28773	Lost Communication With TCM	<u>Resistance for Can-Bus, Checking .</u>
		Software Incompatibility with Transmission Control Module	Check Multi-Function Transmission Range (TR) Switch. Refer to --> <u>Multi-Function Transmission Range (TR) Switch F125 , Checking .</u> Check the Automatic Transmission Pressure Regulating Valve 4 N218. Refer to --> <u>Automatic Transmission Pressure Regulating Valves , Checking .</u> Check transmission output RPM. Refer to --> <u>Transmission Output Speed (RPM) Sensor G195 , Checking .</u>
U0302	28974		Check transmission RPM. Refer to --> <u>Transmission Input Speed (RPM) Sensor G182 , Checking</u> Check solenoid valve 1. Refer to --> <u>Solenoid Valve 1 N88 , Checking .</u> Check transmission control module. Refer to --> <u>Transmission Control Module (TCM) J217 , Replacing</u> Check Transmissin Fluid Temperature Sensor. Refer to --> <u>Transmission Fluid Temperature Sensor G93 , Checking .</u>
U0401		Invalid Data Received From ECM/PCM	Replace the Engine Control Module (ECM) J623. Refer to --> <u>Engine Control Module (ECM) J623 , Removing and Installing .</u>
U0402	29074	Invalid Data Received From Transmission Control Module	CAN-Bus terminal resistance, Transmission Control Module (TCM) J217 to Engine Control Module (ECM) J623. Refer to --> <u>Terminal Resistance for Can-Bus, Checking .</u>