

1	1	Fuel Volume Regulator Control Actuator
2	2	Fuel Volume Regulator Control Regulation Function
5	5	Fuel Rail Over Pressure Valve
10	16	Intake Camshaft Variable Valve Timing Solenoid Valve
11	17	Intake Camshaft Variable Valve Timing Control Function
13	19	Exhaust Camshaft Variable Valve Timing Control Function
14	20	Exhaust Camshaft Variable Valve Timing Solenoid Valve
16	22	Camshaft Position - Intake Camshaft Position Correlation
17	23	Camshaft Position - Exhaust Camshaft Position Correlation
33	51	Turbocharger ByPass Valve
45	69	Turbocharger/Supercharger Boost Control Solenoid Valve
4A	74	High Pressure Turbocharger Boost Control Solenoid Valve
4B	75	High Pressure Turbocharger Boost Control Solenoid Valve (Turbine side)
4C	76	High Pressure Turbocharger By-Pass Offset Learning
71	113	Ambient Air Temperature Sensor Range/Performance
87	135	Fuel Rail/System Pressure - Too Low
88	136	Fuel Rail/System Pressure - Too High
89	137	Fuel Pressure Regulation Control Function
90	144	Fuel Pressure Control Function
94	148	High Pressure Fuel Leakage (Routine Aftersale Test)
95	149	Intake Air Temperature Sensor - Upstream Air Flap
96	150	Upstream throttle air temperature sensor
100	256	Mass Air Flow Sensor
101	257	Mass Air Flow Function
105	261	Manifold Absolute Pressure Sensor
106	262	Manifold Absolute Pressure Function
110	272	Intake Air Temperature Sensor
115	277	Engine Coolant Temperature Sensor
120	288	Intake Throttle Position Sensor
125	293	Insufficient Coolant Temperature for Closed Loop Fuel Control
128	296	Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature)
12A	298	Turbocharger/Supercharger Inlet Pressure Sensor
12B	299	Turbocharger/Supercharger Inlet Pressure Function
130	304	O2 Sensor - Upstream
133	307	O2 Sensor Circuit Slow Response
135	309	O2 Sensor Heater - Upstream
136	310	O2 Sensor - Downstream
139	313	O2 Sensor Circuit Response
140	320	O2 Sensor Circuit Activity
141	321	O2 Sensor Heater - Downstream
170	368	Fuel Trim
180	384	Fuel Temperature Sensor
184	388	Gaz Temperature Function
185	389	Gaz Temperature Sensor
18A	394	Gaz Pressure Sensor
18C	396	Low Pressure Fuel Sensor
190	400	Fuel Rail Pressure Sensor
195	405	Engine Oil Temperature Sensor
200	512	Injectors Circuit
201	513	Injector Circuit - Cylinder 1
202	514	Injector Circuit - Cylinder 2
203	515	Injector Circuit - Cylinder 3
204	516	Injector Circuit - Cylinder 4
216	534	Injection Mode
217	535	Engine Coolant Temperature
219	537	Engine over-revving
220	544	Intake Throttle Position Sensor - Track 2

225	549	Accelerator Pedal Position Sensor - Track 1
226	550	Accelerator Pedal Position Sensor
23A	570	Turbocharger Coolant Pump Control
243	579	Turbocharger Wastegate Solenoid
25A	602	Fuel Pump Module Control Circuit_
25B	603	Fuel Pump Module Control Circuit
263	611	Cylinder 1 Contribution/Balance
266	614	Cylinder 2 Contribution/Balance
269	617	Cylinder 3 Contribution/Balance
272	626	Cylinder 4 Contribution/Balance
300	768	Random/Multiple Cylinder Misfire Detected
301	769	Cylinder 1 Misfire Detected
302	770	Cylinder 2 Misfire Detected
303	771	Cylinder 3 Misfire Detected
304	772	Cylinder 4 Misfire Detected
313	787	Misfire Detected with Low Fuel
314	788	Single Cylinder Misfire (Cylinder not Specified)
315	789	Crankshaft Position System Variation Not Learned
325	805	Knock Sensor
335	821	Crankshaft Position Sensor
340	832	Intake Camshaft Position Sensor
351	849	Ignition Coil 1 or Ignition Coil - Cylinder 1 and 4
352	850	Ignition Coil 2 or Ignition Coil - Cylinder 2 and 3_
353	851	Ignition Coil 3 or Ignition Coil - Cylinder 2 and 4
354	852	Ignition Coil 4 or Ignition Coil - Cylinder 1 and 4
365	869	Exhaust Camshaft Position Sensor
380	896	Glow Plug Circuit
3DB	987	Cylinder pressure sensor
400	1024	Exhaust Gas Recirculation HP Flow
402	1026	Exhaust Gas Recirculation Flow Excessive Detected
403	1027	Exhaust Gas Recirculation Valve Control - H Bridge
409	1033	Exhaust Gas Recirculation Valve Position Sensor
40A	1034	Exhaust Gas Recirculation Temperature Sensor - Downstream Cooler
420	1056	Catalyst System
421	1057	Warm Up Catalyst Efficiency
440	1088	Evaporative Emission System
443	1091	Canister Purge Valve
449	1097	Evaporative Emission System Vent Valve
456	1110	Evaporative Emission System Leak Detected ("0.020") with EONV method
457	1111	Fuel Cap
461	1121	Fuel Level Sensor
470	1136	Exhaust Gas Pressure Sensor - Upstream Turbine
471	1137	Exhaust Gas Pressure Control Function
47A	1146	Exhaust Gas Pressure Sensor - Upstream Particulate Filter
47B	1147	Exhaust Gas Pressure Function - Upstream Particulate Filter
480	1152	Fan 1 Control Relay
481	1153	Fan 2 Control Relay
487	1159	Exhaust Gas Recirculation Valve Offset Learning
488	1160	Exhaust Gas Recirculation Valve Control Function
49A	1178	Exhaust Gas Recirculation LP Flow
49B	1179	Exhaust Gas Recirculation Flow
500	1280	Vehicle Speed Sensor
504	1284	Brake Pedal
506	1286	Idle Speed Control
520	1312	Engine Oil Pressure sensor
521	1313	Oil pressure switch
524	1316	Engine Oil Circuit Pressure

525	1317	Cruise Control Servo Control Circuit Range/Performance
530	1328	A/C Refrigerant Pressure Sensor
53A	1338	Positive Crankcase Ventilation Heater Control Circuit
544	1348	Exhaust Gas Temperature Sensor - Upstream Turbine
555	1365	Vacuum System Control
560	1376	Battery Voltage
564	1380	Cruise Control/Speed Limiter - Paddle Control Button
570	1392	Cruise Control Accelerate Signal
571	1393	Closed Brake Sensor
574	1396	Cruise Control/Speed Limiter - Displayed Speed
575	1397	Cruise Control/Speed Limiter - Switch Button
597	1431	Engine Coolant Thermostat
5BD	1469	Stop-Start Mode
606	1542	Engine Control Module - Processor
60A	1546	Engine Control Module - Reset
60B	1547	Engine Control Module - A/D Converter
60D	1549	Engine Control Module - Accelerator Pedal Control Function
60E	1550	Engine Control Module - Throttle Control Driver
60F	1551	Engine Control Module - Coolant Temperature Sensor (Level 2)
618	1560	Gaz Control Unit - Memory
61A	1562	Engine Control Module - Torque Control Function
61B	1563	Engine Control Module - Estimated Torque Control Function (Level 2)
61C	1564	Engine Control Module - Fuel Mass Control Function (Level 2)
61D	1565	Engine Control Module - Accelerator Pedal Control Function (Level 2)
61E	1566	Internal Control Module Brake Signal Performance
627	1575	Fuel Pump Control
62B	1579	Engine Control Module - Injector Control
62C	1580	Internal Control Module Vehicle Speed Performance
62D	1581	Injector Bank1 Driver
62E	1582	Injector Bank2 Driver
638	1592	Intake Throttle Actuator Control Function
641	1601	Power Supply 1
645	1605	A/C Compressor Control Relay
650	1616	Malfunction Indicator Lamp (MIL) Control Circuit
651	1617	Power Supply 2
654	1620	Engine RPM Exit From Engine Control Module
657	1623	Actuators Power Relay
667	1639	Internal Temperature Sensor Engine Control Module
685	1669	Engine Control Module Power Relay
697	1687	Power Supply 3
6A3	1699	Power Supply 4
701	1793	Engine Control Module - Detection of inconsistent TCU data
703	1795	Open Brake Pedal Switch
806	2054	Clutch Contactor
830	2096	End of Clutch Pedal Move Switch
833	2099	Begining of Clutch Pedal Move Switch
834	2100	Very Begining of Clutch Pedal Move Switch
A1E	2590	Starter/Generator Control Module
1010	4112	Swirl Flap Control Function
1011	4113	Swirl Flap H bridge
1012	4114	Swirl Flap Offset Learning
1013	4115	Swirl Flap Position Sensor
1021	4129	SCR remaining distance range
1022	4130	Communication with DCU
109A	4250	LPG Safety Relay
10A0	4256	LPG injector 1 Circuit
10A1	4257	LPG injector 2 Circuit

10A2	4258	LPG injector 3 Circuit
10A3	4259	LPG injector 4 Circuit
10A4	4260	Line to by-pass gasoline injector 1
10A5	4261	Line to by-pass gasoline injector 2
10A6	4262	Line to by-pass gasoline injector 3
10A7	4263	Line to by-pass gasoline injector 4
10AA	4266	Injector Boost Voltage Control Function
10AB	4267	Twin Injector 1
10AC	4268	Twin Injector 2
10AD	4269	Twin Injector 3
10AE	4270	Twin Injector 4
112A	4394	Turbocharger Exhaust Pressure Control
1130	4400	O2 Proportionnal Sensor - Upstream
1131	4401	O2 Proportionnal Sensor Temperature - Upstream
1135	4405	O2 Proportionnal Sensor - Upstream
1136	4406	O2 Proportionnal Sensor Temperature - Downstream
1148	4424	Fuel Trim Control Response
1149	4425	Richness double loop Function
114A	4426	O2 Downstream Proportionnal Sensor - Analog signal
114B	4427	O2 Downstream Proportionnal Sensor - Nernst cell
114C	4428	O2 Downstream Proportionnal Sensor - Pumping current
114D	4429	O2 Downstream Proportionnal Sensor - Virtual ground
114E	4430	O2 Downstream Proportionnal Sensor - Measured signal
114F	4431	O2 Upstream Proportionnal Sensor - Nernst cell
1150	4432	O2 Upstream Proportionnal Sensor - Pumping current
1170	4464	LPG Fuel Trim Function
1171	4465	LPG Fuel Adaptative Function
1205	4613	Exhaust Fuel Injector Control Circuit
1221	4641	Injector - Cylinder 1 and 4
1222	4642	Injector - Cylinder 2 and 3
1300	4864	Random/Multiple Cylinder LPG Misfire Detected
1301	4865	Cylinder 1 LPG Misfire Detected
1302	4866	Cylinder 2 LPG Misfire Detected
1303	4867	Cylinder 3 LPG Misfire Detected
1304	4868	Cylinder 4 LPG Misfire Detected
1314	4884	Single Cylinder LPG Misfire (Cylinder not Specified)
1316	4886	Gasoline pump relay
1318	4888	GPL Low Pressure Leakage
1351	4945	Ignition Coil - Cylinder 1 and 4
1352	4946	Ignition Coil - Cylinder 2 and 3
1401	5121	Downstream Upstream O2 Sensor Coherency
1420	5152	Catalyst System 2
1425	5157	Exhaust Gas Recirculation Second Cooling Water Pump Control Circuit
1453	5203	Diesel Particulate Filter Differential Pressure Control Function
1455	5205	DPF forced regeneration switch located on the dashboard
1480	5248	Exhaust Air Flap Control Function
1481	5249	Exhaust Air Flap H Bridge
1482	5250	Exhaust Air Flap Position Sensor
1483	5251	Exhaust Air Flap Offset Learning
1484	5252	Low Pressure Exhaust Gas Recirculation Valve
1485	5253	Low Pressure Exhaust Gas Recirculation Valve - H Bridge
1486	5254	Low Pressure Exhaust Gas Recirculation Valve - Position Sensor
1487	5255	Low Pressure Exhaust Gas Recirculation Valve - Offset Learning
1488	5256	Low Pressure Exhaust Gas Recirculation Valve - Control Function
1489	5257	Low Pressure Exhaust Gas Recirculation Temperature Sensor - Downstream Cooler
148A	5258	High Pressure Exhaust Gas Recirculation Valve Control Function (Intrusive Diagnostic)
148B	5259	Low Pressure Exhaust Gas Recirculation Valve Control Function (Intrusive Diagnostic)

148C	5260	Exhaust Air Flap Control Function (Intrusive Diagnostic)
148D	5261	Intake Air Flap Control Function (Intrusive Diagnostic)
148E	5262	Turbocharger Boost Control Function (intrusive Diagnostic)
1499	5273	Air Charge Cooler
149A	5274	By-Pass Position Sensor of HP turbocharger Turbine
149B	5275	Low Pressure Exhaust Gas Recirculation Valve Temperature sensor
1500	5376	Air Shutters Circuit
1503	5379	Controlled Air Vents Information (LIN)
1512	5394	Starter
1513	5395	ICR Relay Differential Voltage
1514	5396	ICR Relay
1515	5397	IS Relay
1516	5398	HP Pump Stop and Start Function
1517	5399	ICR Relay command
1518	5400	DCDC command
1519	5401	Starter command
151A	5402	DCDC high voltage converter
1524	5412	Oil Pressure Pump pwm Command
1525	5413	Cruise Control/Speed Limiter Deactivation
1535	5429	Immobilizer communication
1539	5433	Daimler Verlog
1544	5444	Exhaust Gas Temperature Sensor - Upstream Particulate Filter
1545	5445	Exhaust Gas Temperature Function - Upstream Particulate Filter
1546	5446	Exhaust Gas Temperature Monitoring - Upstream Particulate Filter
1555	5461	Vacuum Pump Circuit
1556	5462	Vacuum Pump Relay Control
1557	5463	Vacuum pressure sensor
1560	5472	Oil pump solenoid valve
1570	5488	LPG switch
1587	5511	Longitudinal accelerometer sensor
1589	5513	Gear box neutral contactor
158A	5514	End stroke clutch contactor
158B	5515	Double Flywheel Clutch
1608	5640	Gaz Control Unit - Injectors Driver
160A	5642	Communication Error With Watchdog
160C	5644	Internal Engine Control Module Error
160D	5645	Internal Controle Module Error - Power Supply
1610	5648	Gaz Control Unit - Power Supply
1620	5664	Engine Control Module - Upstream Proportionnal O2 Sensor Control
1625	5669	Engine Control Module - Downstream Proportionnal O2 Sensor Control
1632	5682	Exhaust Injector Pump Control
1633	5683	Additional Fuel Tank Solenoid Control
1641	5697	Thermoplunger 1 Control
1642	5698	Thermoplunger 2 Control
1643	5699	Thermoplunger 3 Control
1644	5700	Relay of Air Heater Passenger Compartment 1
1645	5701	Relay of Air Heater Passenger Compartment 2
1646	5702	Relay of Air Heater Passenger Compartment 3
1650	5712	Thermoplunger in failure (not Specified)
1651	5713	One Thermoplunger in failure
1652	5714	Two Thermoplunger in failure
1653	5715	Three Thermoplunger in failure
1654	5716	Four Thermoplunger in failure
1655	5717	Airbag Data further to a crash
1656	5718	Electromagnetic Torque Control
1659	5721	Non desactivation de l' ACC
1670	5744	Fuel consumption

1675	5749	Engine coolant temperature (second threshold)
1676	5750	Engine state wired output
1683	5763	Battery Current Sensor
16A0	5792	Dynamic mode switch (CAN)
2000	8192	NOx Trap System
2002	8194	Diesel Particulate Filter System
2031	8241	Exhaust Gas Temperature Sensor - Upstream First Catalyser
2080	8320	Exhaust Gas Temperature Control Function - Upstream First Catalyser
2100	8448	Intake Throttle Actuator Control - H Bridge
2119	8473	Intake Throttle Actuator Offset Learning
2120	8480	Accelerator Pedal Position Sensor - Track 2
2135	8501	Throttle Correlation Between The Two Sensors
2226	8742	Atmospheric Pressure Sensor
2227	8743	Atmospheric Pressure Function
2243	8771	Upstream proportional oxygen sensor - Nernst Cell Circuit
2244	8772	Upstream proportional oxygen sensor Circuit
2263	8803	Turbocharger Boost Control Function
2264	8804	Water in Fuel Sensor
2265	8805	Fuel Level Sensor_
2293	8851	Gaz Pressure Regulation Control Function
2294	8852	Gaz Pressure Regulator Valve
22CF	8911	Turbocharger Turbine Inlet Valve H-bridge
22D2	8914	Turbocharger Turbine Inlet Control Function
22D4	8916	Turbocharger Turbine Inlet Valve Position Sensor
22D5	8917	Turbocharger Turbine Inlet Valve Offset Learning
2413	9235	Mass Air Flow Control Function
2414	9236	Torque Trim Control Function - Based on O2 Sensor
2425	9253	Exhaust Gas Recirculation First Cooling Water Pump Control Circuit
242A	9258	Exhaust Gas Temperature Sensor - Upstream 2nd catalyser
2452	9298	Particulate Filter Differential Pressure Sensor
2457	9303	Exhaust Gas Recirculation Cooling Control Function
2458	9304	Particulate Filter Regeneration Mode
2459	9305	Particulate Filter Regeneration
245A	9306	Exhaust Gas Recirculation Cooler Bypass
24A7	9383	First Exhaust Gas Recirculation Coolant Pump
24A8	9384	Second Exhaust Gas Recirculation Coolant Pump
2502	9474	Charging System Voltage Circuit
2503	9475	Charging System Voltage Low Voltage
2504	9476	Charging System Voltage
2505	9477	Wired load alternator output
250A	9482	Oil level sensor
2525	9509	Differential Tank Pressure Sensor
2526	9510	Mastervac pressure switch
2527	9511	Vacuum Reservoir Pressure Sensor Circuit
253F	9535	Engine Oil Deteriorated
2626	9766	O2 proportional Sensor Pumping Current
2632	9778	Second fuel Pump Control for additional fuel tank
2666	9830	LPG Tank Solenoide Valve
2678	9848	Coolant Degassing Valve
2681	9857	Coolant Flow Valve
2687	9863	Fuel heater
2688	9864	Fuel Supply Heater Control Circuit
2A06	10758	O2 Sensor Negative Voltage
3032	12338	Diesel Particulate Filter Temperature Sensor Correlation
3080	12416	Exhaust Gas Temperature Sensor Circuit - Bank 1 Sensor 5
9261	37473	Driver\u2019s seat sensor
9900	39168	DCDC input circuit 1

9901	39169	DCDC input circuit 2
9902	39170	DCDC output circuit 1
9903	39171	DCDC output circuit 2
9904	39172	DCDC internal
9C32	39986	Airbag Crash Info
C019	49177	LIN bus off
C101	49409	Lost Communication with Transmission Control Module
C104	49412	Lost Communication With Cruise Control Module
C108	49416	Lost Communication With Alternative Fuel Control Module
C109	49417	Lost Communication With Fuel Pump Control Module
C111	49425	Lost Communication With Battery Energy from LIN
C112	49426	Lost Communication With Battery Current Sensor from LIN
C120	49440	Lost Communication With Stop and Start Control module
C121	49441	Lost Communication With Anti-Lock Brake System (ABS) Control Module
C235	49717	Cruise Control Front Distance Range Sensor Frame
C250	49744	Airbag messages received on the CAN
C298	49816	Communication With DCDC
C299	49817	Communication With DC to DC Converter Control Module A
C305	49925	Software Incompatibility with Cruise Control Module
C315	49941	Vehicle Speed
C402	50178	Invalid Data Received From Transmission Control Module
C415	50197	Invalid Data Received From Anti-Lock Brake System Control Module
C551	50513	Crash Signal
F00A	61450	Ignition Switch