

Generic OBDII Trouble Codes

Generic OBDII Trouble Codes		
P0	1XX FUEL AND AIR METERING	Fuel and air meters
PO 100	MAF or VAF CIRCUIT MALFUNCTION	Air flow sensor circuit malfunction
PO 101	MAF or VAF CIRCUIT RANGE/PERF PROBLEM	Signal out of range
PO 102	MAF or VAF CIRCUIT LOW INPUT	Low output
PO 103	MAF or VAF CIRCUIT HIGH INPUT	High output level
PO 105	MAP/BARO CIRCUIT MALFUNCTION	Air pressure sensor malfunction
PO 106	MAP/BARO CIRCUIT RANGE/PERF PROBLEM	Signal out of range
PO 107	MAP/BARO CIRCUIT LOW INPUT	Low output
PO 108	MAP/BARO CIRCUIT HIGH INPUT	High output level
PO 110	IAT CIRCUIT MALFUNCTION	Intake air temperature sensor malfunction
PO 111	IAT RANGE/PERF PROBLEM	Signal out of range
PO 112	IAT CIRCUIT LOW INPUT	Low output
PO 113	IAT CIRCUIT HIGH INPUT	High output level
PO 115	ECT CIRCUIT MALFUNCTION	Coolant Temperature Sensor Malfunction
PO 116	ECT RANGE/PERF PROBLEM	Signal out of range
PO 117	ECT CIRCUIT LOW INPUT	Low output
PO 118	ECT CIRCUIT HIGH INPUT	High output level
PO 120	TPS SENSOR A CIRCUIT MALFUNCTION	Throttle Position Sensor Malfunction
PO 121	TPS SENSOR A RANGE/PERF PROBLEM	Signal out of range
PO 122	TPS SENS A CIRCUIT LOW INPUT	Low output
PO 123	TPS SENS A CIRCUIT HIGH INPUT	High output level
PO 125	LOW ECT FOR CLOSED LOOP FUEL CONTROL	Low coolant temperature for closed loop control
PO 130	O2 SENSOR B1 S1 MALFUNCTION	O2 sensor B1 S1 defective (Bank1)
PO 131	O2 SENSOR B1 S1 LOW VOLTAGE	O2 sensor B1 S1 has a low signal level
PO 132	O2 SENSOR B1 S1 HIGH VOLTAGE	O2 sensor B1 S1 has a high signal level
PO 133	O2 SENSOR B1 S1 SLOW RESPONSE	O2 sensor B1 S1 has a slow rich/lean response
PO 134	O2 SENSOR B1 S1 CIRCUIT INACTIVE	O2 sensor circuit B1 S1 passive
PO 135	O2 SENSOR B1 S1 HEATER MALFUNCTION	O2 sensor heater B1 S1 defective
PO 136	O2 SENSOR B1 S2 MALFUNCTION	O2 sensor B1 S2 defective
PO 137	O2 SENSOR B1 S2 LOW VOLTAGE	O2 sensor B1 S2 has a low signal level
PO 138	O2 SENSOR B1 S2 HIGH VOLTAGE	O2 sensor B1 S2 has a high signal level
PO 139	O2 SENSOR B1 S2 SLOW RESPONSE	O2 sensor B1 S2 has a slow rich/lean response
PO 140	O2 SENSOR B1 S2 CIRCUIT INACTIVE	O2 sensor circuit B1 S2 passive
PO 141	O2 SENSOR B1 S2 HEATER MALFUNCTION	O2 sensor heater B1 S2 defective
PO 142	O2 SENSOR B1 S3 MALFUNCTION	O2 sensor B1 S3 defective
PO 143	O2 SENSOR B1 S3 LOW VOLTAGE	O2 sensor B1 S3 has a low signal level
PO 144	O2 SENSOR B1 S3 HIGH VOLTAGE	O2 sensor B1 S3 has a high signal level
PO 145	O2 SENSOR B1 S3 SLOW RESPONSE	O2 sensor B1 S3 has a slow rich/lean response
PO 146	O2 SENSOR B1 S3 CIRCUIT INACTIVE	O2 sensor circuit B1 S3 passive
PO 147	O2 SENSOR B1 S3 HEATER MALFUNCTION	O2 sensor heater B1 S3 defective
PO 150	O2 SENSOR B2 S1 CIRCUIT MALFUNCTION	O2 sensor B2 S1 defective (Bank2)
PO 151	O2 SENSOR B2 S1 CKT LOW VOLTAGE	O2 sensor B2 S1 has a low signal level
PO 152	O2 SENSOR B2 S1 CKT HIGH VOLTAGE	O2 sensor B2 S1 has a high signal level
PO 153	O2 SENSOR B2 S1 CKT SLOW RESPONSE	O2 sensor B2 S1 has a slow rich/lean response
PO 154	O2 SENSOR B2 S1 CIRCUIT INACTIVE	O2 sensor circuit B2 S1 passive
PO 155	O2 SENSOR B2 S1 HTR CKT MALFUNCTION	O2 sensor heater B2 S1 defective
PO 156	O2 SENSOR B2 S2 CIRCUIT MALFUNCTION	O2 sensor B2 S2 defective
PO 157	O2 SENSOR B2 S2 CKT LOW VOLTAGE	O2 sensor B2 S2 is low
PO 158	O2 SENSOR B2 S2 CKT HIGH VOLTAGE	O2 sensor B2 S2 has a high signal level
PO 159	O2 SENSOR B2 S2 CKT SLOW RESPONSE	O2 sensor B2 S2 has a slow rich/lean response
PO 160	O2 SENSOR B2 S2 CIRCUIT INACTIVE	O2 sensor circuit B2 S2 passive
PO 161	O2 SENSOR B2 S2 HTR CKT MALFUNCTION	O2 sensor heater B2 S2 defective
PO 162	O2 SENSOR B2 S3 CIRCUIT MALFUNCTION	O2 sensor B2 S3 defective
PO 163	O2 SENSOR B2 S3 CKT LOW VOLTAGE	O2 sensor B2 S3 has a low signal level
PO 164	O2 SENSOR B2 S3 CKT HIGH VOLTAGE	O2 sensor B2 S3 has a high signal level
PO 165	O2 SENSOR B2 S3 CKT SLOW RESPONSE	O2 sensor B2 S3 has a slow rich/lean response
PO 166	O2 SENSOR B2 S3 CIRCUIT INACTIVE	O2 sensor circuit B2 S3 passive
PO 167	O2 SENSOR B2 S3 HTR CKT MALFUNCTION	O2 sensor heater B2 S3 defective
PO 170	BANK 1 FUEL TRIM MALFUNCTION	Fuel leak from the fuel system of unit No. 1
PO 171	BANK 1 SYSTEM TOO LEAN	Cylinder block No. 1 is poor (possibly air leaks)
PO 172	BANK 1 SYSTEM TOO RICH	The block of cylinders No. 1 is rich (incomplete closing of the nozzle is possible)

PO 173	BANK 2 FUEL TRIM MALFUNCTION	Fuel leak from the fuel system of block No. 2
PO 174	BANK 2 SYSTEM TOO LEAN	Cylinder block No. 2 is poor (possibly air leaks)
PO 175	BANK 2 SYSTEM TOO RICH	The block of cylinders No. 2 is rich (incomplete closing of the nozzle is possible)
PO 176	FUEL COMPOSITION SENSOR MALFUNCTION	CHx emission sensor defective
PO 177	FUEL COMPOSITION SENS CKT RANGE/PERF	Sensor signal out of range
PO 178	FUEL COMPOSITION LOW INPUT	Low CHx sensor signal level
PO 179	FUEL COMPOSITION HIGH INPUT	High CHx sensor signal level
PO 180	FUEL TEMP SENSOR A CIRCUIT MALFUNCTION	Fuel Temperature Sensor "A" Circuit Faulty
PO 181	FUEL TEMP SENSOR A CIRCUIT RANGE/PERF	Sensor "A" signal is out of range
PO 182	FUEL TEMP SENSOR A LOW INPUT	Low signal of the fuel temperature sensor "A"
PO 183	FUEL TEMP SENSOR A HIGH INPUT	High signal of the fuel temperature sensor "A"
PO 185	FUEL TEMP SENSOR B CIRCUIT MALFUNCTION	Fuel Temperature Sensor "B" Circuit Faulty
PO 186	FUEL TEMP SENSOR RANGE/PERF	The signal of the sensor "B" is out of range
PO 187	FUEL TEMP SENSOR B LOW INPUT	Low signal of the fuel temperature sensor "B"
PO 188	FUEL TEMP SENSOR B HIGH INPUT	High signal of the fuel temperature sensor "B"
PO 190	FUEL RAIL PRESSURE CIRCUIT MALFUNCTION	Fuel Rail Pressure Sensor Circuit Faulty
PO 191	FUEL RAIL CIRCUIT RANGE/PERF	Sensor signal out of range
PO 192	FUEL RAIL PRESSURE LOW INPUT	Low fuel pressure sensor signal
PO 193	FUEL RAIL PRESSURE HIGH INPUT	High fuel pressure sensor signal
PO 194	FUEL RAIL PRESSURE CKT INTERMITTENT	Fuel pressure sensor signal intermittent
PO 195	ENGINE OIL TEMP SENSOR MALFUNCTION	Engine oil temperature sensor circuit is faulty
PO 196	ENGINE OIL TEMP SENSOR RANGE/PERF	Sensor signal out of range
PO 197	ENGINE OIL TEMP SENSOR LOW	Low oil temperature sensor signal
PO 198	ENGINE OIL TEMP SENSOR HIGH	High oil temperature sensor signal
PO 199	ENGINE OIL TEMP SENSOR INTERMITTENT	Oil temperature sensor signal intermittent
PO 2XX	FUEL AND AIR METERING	
PO 200	INJECTOR CIRCUIT MALFUNCTION	Injector control circuit is faulty
PO 201	INJECTOR CIRCUIT MALFUNCTION CYL 1	Cylinder #1 injector control circuit is faulty
PO 202	INJECTOR CIRCUIT MALFUNCTION CYL 2	No. 2 injector control circuit malfunction
PO 203	INJECTOR CIRCUIT MALFUNCTION CYL 3	No. 3 injector control circuit malfunction
PO 204	INJECTOR CIRCUIT MALFUNCTION CYL 4	No. 4 injector control circuit malfunction
PO 205	INJECTOR CIRCUIT MALFUNCTION CYL 5	No. 5 injector control circuit malfunction
PO 206	INJECTOR CIRCUIT MALFUNCTION CYL 6	Cylinder #6 injector control circuit is faulty
PO 207	INJECTOR CIRCUIT MALFUNCTION CYL 7	No. 7 injector control circuit malfunction
PO 208	INJECTOR CIRCUIT MALFUNCTION CYL 8	No. 8 injector control circuit malfunction
PO 209	INJECTOR CIRCUIT MALFUNCTION CYL 9	No. 9 injector control circuit malfunction
PO 210	INJECTOR CIRCUIT MALFUNCTION CYL 10	Cylinder #10 Injector Control Circuit Faulty
PO 211	INJECTOR CIRCUIT MALFUNCTION CYL 11	No. 11 injector control circuit malfunction
PO 212	INJECTOR CIRCUIT MALFUNCTION CYL 12	No. 12 injector control circuit malfunction
PO 213	COLD START INJ NO.1 MALFUNCTION	Cold start injector #1 control circuit is faulty
PO 214	COLD START INJ NO.2 MALFUNCTION	Cold start injector #2 control circuit is faulty
PO 215	ENGINE SHUTOFF SOL MALFUNCTION	Engine shutdown solenoid defective
PO 216	INJ TIMING CONTROL CIRCUIT MALFUNCTION	Injection timing control circuit malfunction
PO 217	ENGINE OVERTEMP CONDITION	Engine is overheated
PO 218	TRANSMISSION OVERTEMP CONDITION	Transmission is overheated
PO 219	ENGINE OVERSPEED CONDITION	Engine twisted
PO 220	TPS SENSOR B CIRCUIT MALFUNCTION	Throttle Position Sensor "B" Malfunction
PO 221	TPS SENSOR B CIRCUIT RANGE/PERF	Signal out of range
PO 222	TPS SENSOR B LOW INPUT	Sensor "B" output low
PO 223	TPS SENSOR B HIGH INPUT	High level output signal of the sensor "B"
PO 224	TPS SENSOR B CKT INTERMITTENT	Sensor signal "B" intermittent
PO 225	TPS SENSOR WITH CIRCUIT MALFUNCTION	Throttle Position Sensor "C" Malfunction
PO 226	TPS SENSOR C CIRCUIT RANGE/PERF	Signal out of range
PO 227	TPS SENSOR WITH LOW INPUT	Low level of the output signal of the sensor "C"
PO 228	TPS SENSOR C HIGH INPUT	High level of the output signal of the sensor "C"
PO 229	TPS SENSOR C CKT INTERMITTENT	Sensor signal "C" intermittent
PO 230	FUEL PUMP PRIMARY CIRCUIT MALFUNCTION	Fuel pump primary circuit (fuel pump relay control) faulty
PO 231	FUEL PUMP SECONDARY CIRCUIT LOW	The secondary circuit of the fuel pump is constantly low
PO 232	FUEL PUMP SECONDARY CIRCUIT HIGH	The secondary circuit of the fuel pump is constantly high
PO 233	FUEL PUMP SECONDARY CKT INTERMITTENT	The secondary circuit of the fuel pump has an intermittent level
PO 235	TURBO BOOST SENSOR A CIRCUIT MALFUNCTION	Turbo Boost Pressure Sensor Circuit Faulty
PO 236	TURBO BOOST SENSOR A CIRCUIT RANGE/PERF	The signal from the turbine sensor "A" is out of range

PO 237	TURBO	BOOST SENSOR A CIRCUIT LOW	The signal from the turbine sensor "A" is constantly low
PO 238	TURBO	BOOST SENSOR A CIRCUIT HIGH	The signal from the turbine sensor "A" is constantly high
PO 239	TURBO	BOOST SENSOR B CIRCUIT MALFUNCTION	Turbo boost pressure sensor circuit "B" is faulty
PO 240	TURBO	BOOST SENSOR B CIRCUIT RANGE/PERF	The signal from the turbine sensor "B" is out of range
PO 241	TURBO	BOOST SENSOR B CIRCUIT LOW	The signal from the turbine sensor "B" is constantly low
PO 242	TURBO	BOOST SENSOR B CIRCUIT HIGH	The signal from the turbine sensor "B" is constantly high
PO 243	TURBO	WASTEGATE A SOLENOID MALFUNC	Turbine Exhaust Gate Solenoid "A" Faulty
PO 244	TURBO	WASTEGATE A SOLENOID RANGE/PERF	Turbine solenoid "A" signal out of range
PO 245	TURBO	WASTEGATE A SOLENOID LOW	Turbine exhaust solenoid "A" always closed
PO 246	TURBO	WASTEGATE A SOLENOID HIGH	Turbine exhaust solenoid "A" always open
PO 247	TURBO	WASTEGATE B SOLENOID MALFUNC	Turbine exhaust solenoid "B" defective
PO 248	TURBO	WASTEGATE B SOLENOID RANGE/PERF	Turbine solenoid "B" signal out of range
PO 249	TURBO	WASTEGATE B SOLENOID LOW	Turbine exhaust solenoid "B" is always closed
PO 250	TURBO	WASTEGATE B SOLENOID HIGH	Turbine exhaust solenoid "B" is always open
PO 251		INJECTION PUMP A ROTOR/CAM MALFUNCTION	Turbine "A" injection pump defective
PO 252		INJECTION PUMP A ROTOR/CAM RANGE/PERF	The signal of the turbine injection pump "A" comes out of the add. range
PO 253		INJECTION PUMP A ROTOR/CAM LOW	Turbine A Injection Pump Signal Low
PO 254		INJECTION PUMP A ROTOR/CAM HIGH	Turbine A Injection Pump Signal High
PO 255		INJECTION PUMP A ROTOR/CAM INTERMIT	Turbine Injection Pump Signal "A" Intermittent
PO 256		INJECTION PUMP B ROTOR/CAM MALFUNCTION	Turbine injection pump "B" defective
PO 257		INJECTION PUMP B ROTOR/CAM RANGE/PERF	The signal of the turbine injection pump "B" comes out of the add. range
PO 258		INJECTION PUMP B ROTOR/CAM LOW	Turbine Injection Pump "B" Signal Low
PO 259		INJECTION PUMP B ROTOR/CAM HIGH	Turbine injection pump "B" signal is high
PO 260		INJECTION PUMP B ROTOR/CAM INTERMIT	Turbine Injection Pump Signal "B" Intermittent
PO 261		INJ CYLINDER 1 CIRCUIT LOW	Cylinder 1 injector shorted to ground
PO 262		INJ CYLINDER 1 CIRCUIT HIGH	Cylinder 1 injector open or shorted to +12V
PO 263		CYLINDER 1 CONTRIB/BAL FAULT	Cylinder 1 injector driver defective
PO 264		INJ CYLINDER 2 CIRCUIT LOW	Cylinder 2 injector shorted to ground
PO 265		INJ CYLINDER 2 CIRCUIT HIGH	Cylinder 2 injector broken or shorted to +12V
PO 266		CYLINDER 2 CONTRIB/BAL FAULT	Cylinder 2 injector driver defective
PO 267		INJ CYLINDER 3 CIRCUIT LOW	Cylinder 3 injector shorted to ground
PO 268		INJ CYLINDER 3 CIRCUIT HIGH	Cylinder 3 injector broken or shorted to +12V
PO 269		CYLINDER 3 CONTRIB/BAL FAULT	Cylinder 3 injector driver defective
PO 270		INJ CYLINDER 4 CIRCUIT LOW	Cylinder 4 injector shorted to ground
PO 271		INJ CYLINDER 4 CIRCUIT HIGH	Cylinder 4 injector broken or shorted to +12V
PO 272		CYLINDER 4 CONTRIB/BAL FAULT	Cylinder 4 injector driver defective
PO 273		INJ CYLINDER 5 CIRCUIT LOW	Cylinder 5 injector shorted to ground
PO 274		INJ CYLINDER 5 CIRCUIT HIGH	Cylinder 5 injector open or shorted to +12V
PO 275		CYLINDER 5 CONTRIB/BAL FAULT	Cylinder 5 injector driver defective
PO 276		INJ CYLINDER 6 CIRCUIT LOW	Cylinder 6 injector shorted to ground
PO 277		INJ CYLINDER 6 CIRCUIT HIGH	Cylinder 6 injector broken or shorted to +12V
PO 278		CYLINDER 6 CONTRIB/BAL FAULT	Cylinder 6 injector driver defective
PO 279		INJ CYLINDER 7 CIRCUIT LOW	Cylinder 7 injector shorted to ground
PO 280		INJ CYLINDER 7 CIRCUIT HIGH	Cylinder 7 injector open or shorted to +12V
PO 281		CYLINDER 7 CONTRIB/BAL FAULT	Cylinder 7 injector driver defective
PO 282		INJ CYLINDER 8 CIRCUIT LOW	Cylinder 8 injector shorted to ground
PO 283		INJ CYLINDER 8 CIRCUIT HIGH	Cylinder 8 injector open or shorted to +12V
PO 284		CYLINDER 8 CONTRIB/BAL FAULT	No. 8 injector driver defective
PO 285		INJ CYLINDER 9 CIRCUIT LOW	Cylinder 9 injector shorted to ground
PO 286		INJ CYLINDER 9 CIRCUIT HIGH	Cylinder 9 injector broken or shorted to +12V
PO 287		CYLINDER 9 CONTRIB/BAL FAULT	Cylinder 9 injector driver defective
PO 288		INJ CYLINDER 10 CIRCUIT LOW	Cylinder 10 injector shorted to ground
PO 289		INJ CYLINDER 10 CIRCUIT HIGH	Cylinder 10 injector open or shorted to +12V
PO 290		CYLINDER 10 CONTRIB/BAL FAULT	Cylinder 10 injector driver defective
PO 291		INJ CYLINDER 11 CIRCUIT LOW	Cylinder 11 injector shorted to ground
PO 292		INJ CYLINDER 11 CIRCUIT HIGH	Cylinder 11 injector open or shorted to +12V
PO 293		CYLINDER 11 CONTRIB/BAL FAULT	Cylinder 11 injector driver defective
PO 294		INJ CYLINDER 12 CIRCUIT LOW	Cylinder 12 injector shorted to ground
PO 295		INJ CYLINDER 12 CIRCUIT HIGH	Cylinder 12 injector open or shorted to +12V
PO 296		CYLINDER 12 CONTRIB/BAL FAULT	Cylinder 12 injector driver defective
PO 3XX	IGNITION	SYSTEM OR MISFIRE	Ignition system and misfires
PO 300	RANDOM	/MULTIPLE MISFIRE DETECTED	Random/Multiple Misfires Detected

PO 301		CYLINDER 1 MISFIRE DETECTED	Cylinder 1 Misfire Detected
PO 302		CYLINDER 2 MISFIRE DETECTED	Cylinder 2 Misfire Detected
PO 303		CYLINDER 3 MISFIRE DETECTED	Cylinder 3 Misfire Detected
PO 304		CYLINDER 4 MISFIRE DETECTED	Cylinder 4 Misfire Detected
PO 305		CYLINDER 5 MISFIRE DETECTED	Cylinder 5 Misfire Detected
PO 306		CYLINDER 6 MISFIRE DETECTED	Cylinder 6 Misfire Detected
PO 307		CYLINDER 7 MISFIRE DETECTED	Cylinder 7 Misfire Detected
PO 308		CYLINDER 8 MISFIRE DETECTED	Cylinder 8 Misfire Detected
PO 309		CYLINDER 9 MISFIRE DETECTED	Cylinder 9 Misfire Detected
PO 310		CYLINDER 10 MISFIRE DETECTED	Cylinder 10 Misfire Detected
PO 311		CYLINDER 11 MISFIRE DETECTED	Cylinder 11 Misfire Detected
PO 312		CYLINDER 12 MISFIRE DETECTED	Cylinder 12 Misfire Detected
PO 320		IGN/DIST RPM CKT INPUT MALFUNCTION	Ignition distributor circuit faulty
PO 321		IGN/DIST RPM CKT RANGE/PERFORMANCE	The ignition distributor circuit signal is out of range. limits
PO 322		IGN/DIST RPM CKT NO SIGNAL	Ignition distributor circuit signal missing
PO 323		IGN/DIST RPM CKT INTERMITTENT	Ignition distributor circuit signal intermittent
PO 325	KNOCK	SENSOR 1 CIRCUIT MALFUNCTION	Knock Sensor #1 Circuit Faulty
PO 326	KNOCK	SENSOR 1 RANGE/PERFORMANCE	Knock sensor #1 signal out of range
PO 327	KNOCK	SENSOR 1 LOW INPUT	Knock Sensor #1 Signal Low
PO 328	KNOCK	SENSOR 1 HIGH INPUT	Knock sensor #1 signal is high
PO 329	KNOCK	SENSOR 1 INTERMITTENT	Knock sensor signal #1 intermittent
PO 330	KNOCK	SENSOR 2 CIRCUIT MALFUNCTION	Knock Sensor #2 Circuit Faulty
PO 331	KNOCK	SENSOR 2 RANGE/PERFORMANCE	Knock sensor #2 signal out of range
PO 332	KNOCK	SENSOR 2 LOW INPUT	Knock Sensor #2 Signal Low
PO 333	KNOCK	SENSOR 2 HIGH INPUT	Knock sensor #2 signal is high
PO 334	KNOCK	SENSOR 2 INTERMITTENT	Knock sensor signal #2 intermittent
PO 335	CRANKSHAFT	POSITION SENS A MALFUNC	Crankshaft position sensor "A" defective
PO 336	CRANKSHAFT	POS A RANGE/PERFORMANCE	Sensor "A" signal out of range
PO 337	CRANKSHAFT	POSITION SENSOR A LOW INPUT	Sensor A signal is low or shorted to ground
PO 338	CRANKSHAFT	POSITION SENSOR A HIGH INPUT	Sensor "A" signal is high or shorted to 12V
PO 339	CRANKSHAFT	POS A SENSOR INTERMITTENT	Sensor signal "A" intermittent
PO 340	CAMSHAFT	POSITION SENSOR MALFUNCTION	Camshaft position sensor defective
PO 341	CAMSHAFT	POSITION RANGE/PERFORMANCE	Sensor signal out of range
PO 342	CAMSHAFT	POSITION SENSOR LOW INPUT	Sensor signal is low or shorted to ground
PO 343	CAMSHAFT	POSITION SENSOR HIGH INPUT	The sensor signal is high
PO 344	CAMSHAFT	POSITION SENSOR INTERMITTENT	Sensor signal intermittent
PO 350		IGN COIL PRI/SEC CIRCUIT MALFUNCTION	Primary/Secondary Ignition Coil Circuits Faulty
PO 351		IGN COIL A PRI/SEC CIRCUIT MALFUNCTION	Ignition Coil "A" Primary/Secondary Circuit Faulty
PO 352		IGN COIL B PRI/SEC CIRCUIT MALFUNCTION	Ignition Coil "B" Primary/Secondary Circuits Faulty
PO 353		IGN COIL C PRI/SEC CIRCUIT MALFUNCTION	Ignition Coil "C" Primary/Secondary Circuits Faulty
PO 354		IGN COIL D PRI/SEC CIRCUIT MALFUNCTION	Ignition Coil "D" Primary/Secondary Circuits Faulty
PO 355		IGN COIL E PRI/SEC CIRCUIT MALFUNCTION	Ignition Coil "E" Primary/Secondary Circuits Faulty
PO 356		IGN COIL F PRI/SEC CIRCUIT MALFUNCTION	Ignition Coil "F" Primary/Secondary Circuits Faulty
PO 357		IGN COIL G PRI/SEC CIRCUIT MALFUNCTION	Ignition Coil "G" Primary/Secondary Circuits Faulty
PO 358		IGN COIL H PRI/SEC CIRCUIT MALFUNCTION	Ignition Coil "H" Primary/Secondary Circuits Faulty
PO 359		IGN COIL I PRI/SEC CIRCUIT MALFUNCTION	Ignition coil primary/secondary circuits "I" faulty
PO 360		IGN COIL J PRI/SEC CIRCUIT MALFUNCTION	Ignition Coil "J" Primary/Secondary Circuits Faulty
PO 361		IGN COIL K PRI/SEC CIRCUIT MALFUNCTION	Ignition Coil "K" Primary/Secondary Circuits Faulty
PO 362		IGN COIL L PRI/SEC CIRCUIT MALFUNCTION	Ignition Coil "L" Primary/Secondary Circuits Faulty
PO 370		TIMING REF (HRS) A MALFUNCTION	
PO 371		TIMING REF (HRS) A TOO MANY PULSES	
PO 372		TIMING REF (HRS) A TOO MANY PULSES	
PO 373		TIMING REF (HRS) A INTERMITTENT PULSES	
PO 374		TIMING REF (HRS) A NO PULSES	
PO 375		TIMING REF (HRS) B MALFUNCTION	
PO 376		TIMING REF (HRS) B TOO MANY PULSES	
PO 377		TIMING REF (HRS) B TOO MANY PULSES	
PO 378		TIMING REF (HRS) B INTERMITTENT PULSES	
PO 379		TIMING REF (HRS) B NO PULSES	
PO 380	GLOW	PLUG/HEATER CIRCUIT MALFUNCTION	Glow plug or heating circuit defective
PO 381	GLOW	PLUG/HEATER INDICATOR MALFUNC	Glow plug or heat indicator defective
PO 385		CRANKSHAFT POS SEN B CIRCUIT MALFUNCTION	Crankshaft Position Sensor "B" Circuit Faulty

PO 386	CRANKSHFT POS SEN B RANGE/PERFORMANCE	Sensor "B" signal is out of range
PO 387	CRANKSHFT POS SEN B CIRCUIT LOW INPUT	Sensor circuit open or shorted to ground
PO 388	CRANKSHFT POS SEN B CIRCUIT HIGH INPUT	The sensor circuit is closed to one of the power outputs
PO 389	CRANKSHFT POS SEN B CIRCUIT INTERMIT	Sensor signal "B" intermittent
PO 4XX	AUXILIARY EMISSION CONTROLS	
PO 400	EGR FLOW MALFUNCTION	The exhaust gas recirculation system is faulty
PO 401	EGR FLOW INSUFFICIENT	Exhaust gas recirculation system is inefficient
PO 402	EGR FLOW EXCESSIVE	Exhaust gas recirculation system redundant
PO 403	EGR CIRCUITS MALFUNCTION	Exhaust Gas Recirculation Sensor Circuit Faulty
PO 404	EGR RANGE/PERFORMANCE	Sensor signal out of range
PO 405	EGR SENSOR A CIRCUIT LOW	Sensor "A" signal is low
PO 406	EGR SENSOR A CIRCUIT HIGH	Sensor "A" signal is high
PO 407	EGR SENSOR B CIRCUIT LOW	Sensor "B" signal is low
PO 408	EGR SENSOR B CIRCUIT HIGH	Sensor "B" signal is high
PO 410	SECONDARY AIR INJ SYSTEM MALFUNCTION	The system of secondary supply (injection) of air is faulty
PO 411	SECONDARY AIR INJ INCORRECT FLOW	Erroneous flow through the secondary air supply system
PO 412	SECONDARY AIR INJ VALVE A MALFUNCTION	Secondary air supply valve "A" defective
PO 413	SECONDARY AIR INJ VALVE A OPEN	Secondary air supply valve "A" is always open
PO 414	SECONDARY AIR INJ VALVE A SHORTED	Secondary air supply valve "A" is always closed
PO 415	SECONDARY AIR INJ VALVE B MALFUNCTION	Secondary air supply valve "B" defective
PO 416	SECONDARY AIR INJ VALVE B OPEN	Secondary air supply valve "B" is always open
PO 417	SECONDARY AIR INJ VALVE B SHORTED	Secondary air supply valve "B" is always closed
PO 420	CAT SYS EFFIC B1 BELOW THRESHOLD	The efficiency of the "B1" catalyst system is below the threshold
PO 421	WARM UP CAT EFFIC B1 BELOW THRESHOLD	The heating efficiency of the catalyst "B1" is below the threshold
PO 422	MAIN CAT EFFIC B1 BELOW THRESHOLD	The efficiency of the main catalyst "B1" is below the threshold
PO 423	HEATED CAT EFFIC B1 BELOW THRESHOLD	Catalyst Heater "B1" Efficiency Below Threshold
PO 424	HEATED CAT TEMP B1 BELOW THRESHOLD	Catalyst heater temperature "B2" below threshold
PO 430	CAT SYS EFFIC B2 BELOW THRESHOLD	Catalyst system "B2" efficiency below threshold
PO 431	WARM UP CAT EFFIC B2 BELOW THRESHOLD	The heating efficiency of the catalyst "B2" is below the threshold
PO 432	MAIN CAT EFFIC B2 BELOW THRESHOLD	The efficiency of the main catalyst "B2" is below the threshold
PO 433	HEATED CAT EFFIC B2 BELOW THRESHOLD	Catalyst Heater "B2" Efficiency Below Threshold
PO 434	HEATED CAT TEMP B2 BELOW THRESHOLD	Catalyst heater temperature "B2" below threshold
PO 440	EVAP CONTROL SYSTEM MALFUNCTION	Evaporative emission control system faulty
PO 441	EVAP CONTROL BAD PURGE FLOW	Gasoline vapor recovery system not ventilated properly
PO 442	EVAP CONTROL SMALL LEAK DETECTED	Small leak found in vapor recovery system
PO 443	EVAP CONTROL PURGE CONT VALVE MALFUNC	EVAP purge valve control faulty
PO 444	EVAP PURGE VALVE CIRCUIT OPEN	EVAP purge valve always open
PO 445	EVAP PURGE VALVE CIRCUIT SHORT	EVAP purge valve always closed
PO 446	EVAP VENT CONTROL MALFUNCTION	EVAP air valve control malfunction
PO 447	EVAP VENT CONTROL OPEN	EVAP air valve always open
PO 448	EVAP VENT CONTROL SHORTED	EVAP air valve always closed
PO 450	EVAP PRESS SENSOR MALFUNCTION	Gasoline vapor pressure sensor defective
PO 451	EVAP CONTROL PRESS RANGE/PERFORMANCE	Gasoline vapor pressure sensor signal is out of range. range
PO 452	EVAP CONTROL PRESS SENSOR LOW INPUT	Gasoline Vapor Pressure Sensor Signal Low
PO 453	EVAP CONTROL PRESS SENSOR HIGH INPUT	Gasoline Vapor Pressure Sensor Signal High
PO 454	EVAP CONTROL PRESS SENSOR INTERMITTENT	Gasoline vapor pressure sensor signal intermittent
PO 455	EVAP CONTROL SYS GROSS LEAK DETECTED	Gross leak detected in vapor recovery system
PO 460	FUEL LEVEL SENSOR CIRCUIT MALFUNCTION	Fuel Level Sensor Circuit Faulty
PO 461	FUEL LEVEL SENSOR RANGE/PERFORMANCE	Fuel level sensor signal out of range
PO 462	FUEL LEVEL SENSOR CIRCUIT LOW INPUT	Fuel level sensor signal is low
PO 463	FUEL LEVEL SENSOR CIRCUIT HIGH INPUT	Fuel level sensor signal is high
PO 464	FUEL LEVEL SENSOR CKT INTERMITTENT	Fuel level sensor signal intermittent
PO 465	PURGE FLOW SENSOR CIRCUIT MALFUNCTION	Purge Air Flow Sensor Circuit Faulty
PO 466	PURGE FLOW SENSOR RANGE/PERFORMANCE	The purge air flow sensor signal is out of range. limits
PO 467	PURGE FLOW SENSOR CIRCUIT LOW INPUT	Purge air flow sensor signal low
PO 468	PURGE FLOW SENSOR CIRCUIT HIGH INPUT	Purge air flow sensor signal is high
PO 469	PURGE FLOW SENSOR CKT INTERMITTENT	Purge air flow sensor signal intermittent
PO 470	EXHAUST PRESSURE SENSOR MALFUNCTION	Exhaust pressure sensor defective
PO 471	EXHAUST PRESSURE SENSOR RANGE/PERF	The pressure sensor signal is out of range. range
PO 472	EXHAUST PRESSURE SENSOR LOW	Pressure sensor signal is low
PO 473	EXHAUST PRESSURE SENSOR HIGH	The pressure sensor signal is high
PO 474	EXHAUST PRESSURE SENSOR INTERMIT	Pressure sensor signal intermittent

PO 475	EXHAUST PRESS VALVE CONTROL MALFUNCTION	Exhaust pressure sensor valve defective
PO 476	EXHAUST PRESS VALVE CONTROL RANGE/PERF	The pressure sensor valve signal is out of range. range
PO 477	EXHAUST PRESS VALVE CONTROL LOW	Pressure sensor valve signal is low
PO 478	EXHAUST PRESS VALVE CONTROL HIGH	Pressure sensor valve signal is high
PO 479	EXHAUST PRESS VALVE CONTROL INTERMIT	Pressure sensor valve signal intermittent
PO 5XX	VEHICLE SPEED, IDLE CONTROL AND AUXILIARY INPUTS	
PO 500	VSS SENSOR MALFUNCTION	Vehicle speed sensor defective
PO 501	VSS SENSOR RANGE/PERFORMANCE	The vehicle speed sensor signal is out of range. limits
PO 502	VSS SENSOR CIRCUIT LOW INPUT	Vehicle speed sensor signal is low
PO 503	VSS SENSOR INTERMIT/ERRATIC/HI	Sensor signal intermittent or high
PO 505	IDLE CONTROL SYSTEM MALFUNCTION	The system of maintaining idling is faulty
PO 506	IDLE CONTROL SYSTEM RPM TOO LOW	Engine speed under system control is too low
PO 507	IDLE CONTROL SYSTEM RPM TOO HIGH	System controlled engine speed is too high
PO 510	CLOSED TPS SWITCH MALFUNCTION	Limit switch for indicating the closed position of the throttle is faulty
PO 530	A/C REFRIG PRESSURE SENSOR MALFUNCTION	A/C refrigerant pressure sensor defective
PO 531	A/C REFRIG PRESSURE RANGE/PERFORMANCE	The refrigerant pressure sensor signal is out of range. range
PO 532	A/C REFRIG PRESSURE SENSOR LOW INPUT	Refrigerant pressure sensor signal low
PO 533	A/C REFRIG PRESSURE SENSOR HIGH INPUT	Refrigerant pressure sensor signal is high
P.O.534	A/C REFRIGERANT CHARGE LOSS	Large loss of refrigerant in the air conditioner
PO 550	PSP SENSOR CIRCUIT MALFUNCTION	Power steering pressure sensor defective
P.O.551	PSP SENSOR RANGE/PERFORMANCE	Pressure sensor signal out of range
PO 552	PSP SENSOR CIRCUIT LOW INPUT	Pressure sensor signal is low
PO 553	PSP SENSOR CIRCUIT HIGH INPUT	The pressure sensor signal is high
P.O.554	PSP SENSOR CIRCUIT INTERMITTENT	Pressure sensor signal intermittent
PO 560	SYSTEM VOLTAGE MALFUNCTION	On-board voltage sensor is defective
PO 561	SYSTEM VOLTAGE UNSTABLE	Onboard voltage is unstable
PO 562	SYSTEM VOLTAGE LOW	On-board voltage is low
PO 563	SYSTEM VOLTAGE HIGH	Onboard voltage is high
PO 565	CRUISE CONTROL ON SIGNAL MALFUNCTION	The circuit of inclusion "cruise control" is faulty
PO 566	CRUISE CONTROL OFF SIGNAL MALFUNCTION	Cruise Control Shutdown Circuit Faulty
PO 567	CRUISE CTRL RESUME SIGNAL MALFUNCTION	Circuit of continuation of work "cruise control" is faulty
PO 568	CRUISE CONTROL SET SIGNAL MALFUNCTION	Speed setting circuit "cruise control" is faulty
PO 569	CRUISE CTRL COAST SIGNAL MALFUNCTION	Overrun support circuit "cruise control" faulty
PO 570	CRUISE CTRL ACCEL SIGNAL MALFUNCTION	"Acceleration" "cruise control" support circuit is faulty
PO 571	CRUISE CTRL/BRK SW CKT A MALFUNCTION	The switch of inclusion of brakes "cruise control" is faulty
PO 572	CRUISE CTRL/BRK SW CKT A LOW	Switch is always closed
PO 573	CRUISE CTRL/BRK SW CKT A HIGH	Switch always open
PO 6XX	COMPUTER AND AUXILIARY OUTPUTS	
PO 600	SERIAL COMM LINK MALFUNCTION	Serial Data Line Faulty
PO 601	INTERNAL MEMORY CHECK SUM ERROR	Internal memory checksum error
PO 602	CONTROL MODULE PROGRAMMING ERROR	Control module software error
PO 603	INTERN CONTROL MOD KAM ERROR	Reprogrammable memory error
PO 604	INTERN CONTROL MOD RAM ERROR	RAM error
PO 605	INTERN CONTROL MOD ROM ERROR	Read Only Memory Error
PO 606	PCM PROCESSOR FAULT	Energy Saving Control Module Error
PO7XX	TRANSMISSION	
PO 700	TRANS CONTROL SYS MALFUNCTION	Transmission control system malfunctioning
PO 701	TRANS CONTROL SYS RANGE/PERFORMANCE	Transmission control system not working properly
PO 702	TRANS CONTROL SYSTEM ELECTRICAL	
PO 703	TORQ CONV/BRK SW B CKT MALFUNCTION	Drive shaft/brake switch defective
PO 704	CLUTCH SWITCH INPUT CIRCUIT MALFUNCTION	Clutch Engagement Sensor Circuit Faulty
PO 705	TRANS RANGE SENSOR MALFUNCTION (PRNDL)	Transmission Range Sensor Faulty
PO 706	TRANS RANGE SENSOR RANGE/PERFORMANCE	Sensor signal out of range
PO 707	TRANS RANGE SENSOR CIRCUIT LOW INPUT	Sensor signal is low
PO 708	TRANS RANGE SENSOR CIRCUIT HIGH INPUT	has a high level
PO 709	TRANS RANGE SENSOR INTERMITTENT	Sensor signal intermittent
PO 710	TRANS FLUID TEMP SENSOR MALFUNCTION	Transmission Fluid Temperature Sensor Faulty
PO 711	TRANS FLUID TEMP RANGE/PERFRMANCE	Sensor signal out of range
PO 712	TRANS FLUID TEMP SENSOR LOW INPUT	Sensor signal is low
PO 713	TRANS FLUID TEMP SENSOR HIGH INPUT	has a high level
PO 714	TRANS FLUID TEMP CKT INTERMITTENT	Sensor signal intermittent
PO 715	INPUT/TURBINE SPEED SENSOR MALFUNCTION	Turbine speed sensor defective

PO 716		INPUT/TURBINE SPEED RANGE/PERFORMANCE	Sensor signal out of range
PO 717		INPUT/TURBINE SPEED SENSOR NO SIGNAL	No sensor signal
PO 718		INPUT/TURBINE SPEED SENSOR INTERMITTENT	Sensor signal intermittent
PO 719	TORQ CONV/BRK SW B CIRCUIT LOW		Driveshaft/brake switch shorted to ground
PO 720	OUTPUT SPEED SENSOR CIRCUIT MALFUNCTION		"Outside Speed" Sensor Circuit Faulty
PO 721	OUTPUT SPEED SENSOR RANGE/PERFORMANCE		The signal of the sensor "External speed" goes beyond the add. limits
PO 722	OUTPUT SPEED SENSOR CIRCUIT NO SIGNAL		Sensor signal "External speed" missing
PO 723	OUTPUT SPEED SENSOR CKT INTERMITTENT		Sensor signal "Outside speed" intermittent
PO 724	TORQ CONV/BRK SW B CIRCUIT HIGH		Driveshaft/brake switch shorted to power
PO 725		ENGINE SPEED SENSOR CIRCUIT MALFUNCTION	Engine Speed Sensor Circuit Faulty
PO 726		ENGINE SPEED SENSOR RANGE/PERFORMANCE	Sensor signal out of range
PO 727		ENGINE SPEED SENSOR CIRCUIT NO SIGNAL	No sensor signal
PO 728		ENGINE SPEED SENSOR CKT INTERMITTENT	Sensor signal intermittent
PO 730	GEAR RATIO INCORRECT		Transmission gear ratio is incorrect
PO 731	GEAR 1 INCORRECT RATIO		Transmission gear ratio in 1st gear is incorrect
PO 732	GEAR 2 INCORRECT RATIO		Transmission gear ratio in 2nd gear is incorrect
PO 733	GEAR 3 INCORRECT RATIO		Transmission gear ratio in 3rd gear is incorrect
PO 734	GEAR 4 INCORRECT RATIO		Transmission ratio in 4th gear is incorrect
PO 735	GEAR 5 INCORRECT RATIO		Transmission ratio in 5th gear is wrong
PO 736		REVERSE INCORRECT RATIO	The gear ratio of the transmission in the rear gear. move is wrong
PO 740		TCC CIRCUIT MALFUNCTION	Differential lock control circuit malfunction
PO 741		TCC PERF OR STUCK OFF	Differential always off (unlocked)
PO 742		TCC CIRCUIT STUCK ON	Differential always on (locked)
PO 743		TCC CIRCUIT ELECTRICAL	
PO 744		TCC CIRCUIT INTERMITTENT	Differential condition unstable
PO 745		PRESS CONTROL SOL MALFUNCTION	Compression solenoid control is faulty
PO 746		PRESS CONT SOLENOID PERF OR STUCK OFF	Solenoid is always off
PO 747		PRESSURE SOLENOID STUCK ON	Solenoid always on
PO 748		PRESSURE CONTROL SOLENOID ELECTRICAL	
PO 749		PRESSURE CONTROL SOL INTERMITTENT	Solenoid state is unstable
PO 750		SHIFT SOLENOID A MALFUNCTION	Shift solenoid "A" defective
PO 751		SHIFT SOLENOID A PERF OR STUCK OFF	Solenoid "A" is always off
PO 752		SHIFT SOLENOID A STUCK ON	Solenoid "A" always on
PO 753		SHIFT SOLENOID A ELECTRICAL	
PO 754		SHIFT SOLENOID A INTERMITTENT	Solenoid "A" status is unstable
PO 755		SHIFT SOLENOID B MALFUNCTION	Shift solenoid "B" defective
PO 756		SHIFT SOLENOID B PERF OR STUCK OFF	Solenoid "B" is always off
PO 757		SHIFT SOLENOID B STUCK ON	Solenoid "B" is always on
PO 758		SHIFT SOLENOID B ELECTRICAL	
PO 759		SHIFT SOLENOID B INTERMITTENT	Solenoid "B" state is unstable
PO 760		SHIFT SOLENOID C MALFUNCTION	Shift solenoid "C" defective
PO 761		SHIFT SOLENOID C PERF OR STUCK OFF	Solenoid "C" is always off
PO 762		SHIFT SOLENOID C STUCK ON	Solenoid "C" always on
PO 763		SHIFT SOLENOID C ELECTRICAL	
PO 764		SHIFT SOLENOID C INTERMITTENT	The state of the solenoid "C" is unstable
PO 765		SHIFT SOLENOID D MALFUNCTION	The solenoid "D" of inclusion of transfer is faulty
PO 766		SHIFT SOLENOID D PERF OR STUCK OFF	Solenoid "D" is always off
PO 767		SHIFT SOLENOID D STUCK ON	Solenoid "D" is always on
PO 768		SHIFT SOLENOID D ELECTRICAL	
PO 769		SHIFT SOLENOID D INTERMITTENT	The state of the solenoid "D" is unstable
PO 770		SHIFT SOLENOID E MALFUNCTION	Shift solenoid "E" defective
PO 771		SHIFT SOLENOID E PERF OR STUCK OFF	Solenoid "E" is always off
PO 772		SHIFT SOLENOID E STUCK ON	Solenoid "E" is always on
PO 773		SHIFT SOLENOID E ELECTRICAL	
PO 774		SHIFT SOLENOID E INTERMITTENT	The state of the solenoid "E" is unstable
PO 780		SHIFT MALFUNCTION	Gear shift not working
PO 781		1-2 SHIFT MALFUNCTION	Gear shifting from 1st to 2nd does not work
PO 782		2-3 SHIFT MALFUNCTION	Gear shifting from 2nd to 3rd does not work
PO 783		3-4 SHIFT MALFUNCTION	Gear shifting from 3rd to 4th does not work
PO 784		4-5 SHIFT MALFUNCTION	Gear shifting from 4th to 5th does not work
PO 785		SHIFT/TIMING SOL MALFUNCTION	Synchronizer control solenoid defective
PO 786		SHIFT/TIMING SOL RANGE/PERFORMANCE	

PO 787		SHIFT/TIMING SOL LOW	Synchronizer control solenoid is always off
PO 788		SHIFT/TIMING SOL HIGH	Synchronizer control solenoid always on
PO 789		SHIFT/TIMING SOL INTERMITTENT	Synchronizer control solenoid is unstable
PO 790	NORM/PERFORM	SWITCH CIRCUIT MALFUNCTION	Drive Mode Switch Circuit Faulty
P1	XX	1995 - Chrysler/Jeep	
P1	291	HEATED AIR INTAKE	Superheated air inlet
P1	292 CN	GAS HIGH PRESSURE	Gas pressure (gasoline) somewhere in "CN" is high
P1	293 CN	GAS LOW PRESSURE	Gas pressure (gasoline) somewhere in "CN" is low
P1	294	IDLE SPEED PERFORMANCE	Idle is unstable
P1	295	TPS SENSOR NO 5V FEED	Throttle position sensor no 5V power
P1	296 MAP	SENSOR NO 5V FEED	At the intake air pressure sensor. no 5V power supply
P1	297 MAP	PNEUMATIC CHANGE	The pressure in the sensor is low
P1	298 WIDE	OPEN THROTTLE LEAN	Wide open throttle lean
P1	298 NO	VARIATION IN MAP SIGNAL IS DETECTED	No signal changes detected since
P1	299	AIR FLOW TOO HIGH	Airflow is too big
P1	390 CAM	CRANK TIMING	Crankshaft Timing Failure
P1	391 CAM	CRANK SENSOR LOSS	Loss of a signal of the gauge of rotation of a cranked shaft
P1	391 NO	PEAK PRI #1 WITH MAX DWELL TIME	The absence of the signal "reference point" No. 1 is more than half. time
P1	392 NO	PEAK PRI #2 WITH MAX DWELL TIME	The absence of the signal "reference point" No. 2 is more than half. time
P1	393 NO	PEAK PRI #3 WITH MAX DWELL TIME	The absence of the signal "reference point" No. 3 is more than half. time
P1	394 NO	PEAK PRI #4 WITH MAX DWELL TIME	The absence of the signal "reference point" No. 4 is more than half. time
P1	395 NO	PEAK PRI #5 WITH MAX DWELL TIME	The absence of the signal "reference point" No. 5 is more than half. time
P1	398	CRANK SENSOR	crankshaft position sensor
P1	399 WAIT	TO STRT LMP CKT	
P1	486	EVAP HOSE PINCHED	Evaporator hose kinked
P1	487	HI SPD FAN #2 CKT	#2 high speed fan circuit
P1	488 AUX	5 VOLT LOW OUTPUT	No 5V sensor power supply
P1	489	HI SPD FAN RELAY CIRCUIT	High Speed Fan Relay Circuit
P1	490	LO SPD FAN RELAY CIRCUIT	Low Speed Fan Relay Circuit
P1	491	RADIATOR FAN RELAY CIRCUIT	Radiator Fan Relay Circuit
P1	492	AMBIENT TEMP SENSOR HIGH	Outside temperature sensor signal is always high
P1	493	AMBIENT TEMP SENSOR LOW	Outside temperature sensor signal is always low
P1	494	LEAK DETECT PUMP PRESSURE SWITCH	Leak detected in pump pressure switch circuit
P1	495	LEAK DETECT PUMP SOLENOID CIRCUIT	Leak detected in pump solenoid circuit
P1	496	5 VOLT LOW OUTPUT	No 5V output
P1	596 POWER	STEERING SW. BAD INPUT STATE	The powerful step switch has a wrong early position
P1	598	A/C PRESS SENSOR INPUT VOLT TOO LOW	A/C pressure sensor signal always low
P1	599	A/C PRESS SENSOR INPUT VOLT TOO HIGH	A/C pressure sensor signal always high
P1	698 NO	MOD MESGS RECVD TRANS CNTRL MOD	No message codes received in "trans control mode"
P1	699 NO	MOD MESGS RECVD PWRTRAIN CNTRL MOD	No message codes received in "powertrain control mode"
P1	761 GOV	CONTROL SYSTEM	Managing control system
P1	762 GOV	PRESS SENSOR OFFSET	GOV pressure sensor signal offset
P1	763 GOV	PRESS SENSOR HIGH	GOV pressure sensor signal always high
P1	764 GOV	PRESS SENSOR LOW	GOV pressure sensor signal always low
P1	765	TRANS VOLTAGE RELAY CIRCUIT	Change in voltage in the relay circuit
P1	899	PARK/NEUTRAL SWITCH WRONG INPUT STATE	Park/neutral switch in wrong position
P1	XXX 1996	Ford	
P1	0	CHECK OF SYS INCOMP MORE DRIVING REQ'D	
P1	100MAF	SENSOR INTERMITTENT	Air flow sensor signal intermittent
P1	101 MAF	SENSOR OUT OF RANGE	The air flow sensor signal comes out of the add. range
P1	112	IAT SENSOR INTERMITTENT	Intake air temperature sensor signal intermittent
P1	116	ECT SENSOR OUT OF RANGE	Coolant temperature sensor signal Jew. comes out of the add. range
P1	117	ECT SENSOR INTERMITTENT	Coolant temperature sensor signal Jew. Intermittent
P1	120	TP CIRCUIT OUT OF RANGE LOW	Throttle position sensor signal always low
P1	121	TP SENSOR INCONSISTENT W/MAF	Throttle position sensor signal is not consistent with the DMRV
P1	124	TP SENSOR OUT OF RANGE	The throttle position sensor signal is out of range. range
P1	125	TP SENSOR INTERMITTENT	Throttle position sensor signal intermittent
P1	130	H02 NO SWITCH B1 SI ADAPTIVE FUEL LIMIT	
P1	131	H02 NO SWITCH B1 SYNDICATES LEAN	
P1	132	H02 NO SWITCH B1 SYNDICATES RICH	
P1	150	H02 NO SWITCH B2 SI ADAPTIVE FUEL LIMIT	
P1	151	H02 NO SWITCH B2 SYNDICATES LEAN	

P1	152	H02 NO SWITCH B2 SYNDICATES RICH	
P1	220	SERIES THROTTLE CONTROL MALFUNCTION	Throttle control serial link is faulty
P1	224	TPS B SELF TEST OUT OF RANGE	The internal throttle position sensor test is out of range.
P1	233	FUEL PUMP DRIVER MODULE OFFLINE-MIL	The fuel pump module driver is disabled and the indicator light is on. lamp
P1	234	FUEL PUMP DRIVER MODULE OFFLINE	Fuel Pump Module Driver Disabled
P1	235	FUEL PUMP CONTROL OUT OF RANGE-MIL	The fuel pump module driver exits the add. range
P1	236	FUEL PUMP CONTROL OUT OF RANGE	The fuel pump module driver exits the add. range
P1	237	FUEL PUMP SECONDARY CIRCUIT MALF-MIL	The secondary circuit of the fuel pump is faulty and the ind light is on. lamp
P1	238	FUEL PUMP SECONDARY CIRCUIT MALFUNCTION	The secondary circuit of the fuel pump is faulty
P1	260- THE	FT DETECTED ENGINE DISABLED	Engine disabled by anti-theft system (thief detected)
P1	270 RPM	OR VEH SPEED LIMITER REACHED	Engine RPM or vehicle speed do not reach limiter
P1	299	ENGINE OVERTEMP CONDITION	Engine overheated
P1	351	IGN DIAGNOSTIC INPUT MALFUNCTION	Ignition diagnostic input is faulty
P1	352	IGN COIL A PRIMARY MALFUNCTION	Ignition Coil "A" Primary Circuit Faulty
P1	353	IGN COIL B PRIMARY MALFUNCTION	Ignition Coil "B" Primary Circuit Faulty
P1	354	IGN COIL C PRIMARY MALFUNCTION	The primary circuit of the ignition coil "C" is faulty
P1	355	IGN COIL D PRIMARY MALFUNCTION	The primary circuit of the ignition coil "D" is faulty
P1	356	PIP WHILE IDM PULSE SAYS ENG NOT TURNIN	Impulses from the gear wheel indicate that the engine is not cranking.
P1	357	IDM PULSE WIDTH NOT DEFINED	Pulse width "IDM" is not defined
P1	358	IDM SIGNAL OUT OF RANGE	IDM pulse width out of range
P1	359	SPARK OUTPUT CKT MALFUNCTION	Ignition output circuit faulty
P1	364	IGN COIL PRIMARY MALFUNCTION	Primary ignition coil defective
P1	390 OCTANE	ADJUST PIN IN USE/CIRCUIT OPEN	The output of the octane potentiometer or its circuit is broken
P1	400	DPFE SENSOR LOW VOLTAGE	DPFE sensor signal is always low
P1	401	DPFE SENSOR HIGH VOLTAGE	DPFE sensor signal is always high
P1	403	DPFE SENSOR HOSES REVERSED	DPFE sensor signal in hose reversed
P1	405	DPFE SENSOR UPSTREAM HOSE OFF	DPFE sensor signal in return hose not working
P1	406	DPFE SENSOR DOWNSTREAM HOSE OFF	DPFE sensor signal in straight hose not working
P1	407	EGR NO FLOW DETECTED	Exhaust gas flow not detected in the recirculation system
P1	408	EGR FLOW OUT OF TEST RANGE	EGR flow out of test range
P1	409	EGR CONTROL CIRCUIT MALFUNCTION	EGR control circuit malfunction
P1	413 SECONDARY	AIR INJ CIRCUIT LOW VOLTAGE	Secondary air injection circuit low
P1	414 SECONDARY	AIR INJ CIRCUIT HI VOLTAGE	Secondary Air Injection Circuit High
P1	443	EVAP PURGE MALFUNCTION	Evaporative emission system purge defective
P1	444 PURGE	FLOW SENSOR CIRCUIT LOW INPUT	Canister Purge Flow Sensor Circuit Low
P1	445 PURGE	FLOW SENSOR CIRCUIT HIGH INPUT	Canister Purge Flow Sensor Circuit High
P1	460 WIDE	OPEN THROTTLE A/C CUTOUT FAILURE	A/C does not turn off at full throttle
P1	461	A/C PRESSURE CKT HIGH INPUT	A/C pressure circuit always high
P1	462	A/C PRESSURE CKT LOW INPUT	A/C pressure circuit always low
P1	463	A/C PRESSURE INSUFFICIENT CHANGE	The pressure in the air conditioner does not change enough
P1	464	A/C DEMAND OUT OF RANGE	The request to turn on the air conditioner is out of range
P1	469	A/C CYCLING PERIOD LOW	The repetition period of the air conditioner is short
P1	473	FAN MONITOR HIGH/W FANS OFF	Fan control high and fan off
P1	474	FAN CONTROL LOW SPEED FAILURE	High speed fan control is defective
P1	479	FAN CONTROL HIGH SPEED FAILURE	Low speed fan control is defective
P1	480	FAN MONITOR LOW/W LOW FAN ON	Fan control low and fan off
P1	481	FAN MONITOR LOW/W HIGH FAN ON	Fan control low and fan off
P1	500	VSS INTERMITTENT	Vehicle speed sensor signal faulty
P1	505	IAC AT ADAPTIVE CLIP	Wrong adaptation of the idle speed controller
P1	518	INLET MAN. RUNNER STUCK OPEN	
P1	519	INLET MAN. RUNNER STUCK CLOSED	
P1	520	INLET MAN. RUNNER MALFUNCTION	
P1	550	PSP OUT OF RANGE	The pressure in the power steering is out of range
P1	605 ROM/KAM	TEST KEEP ALIVE MEM FAIL	ROM/KAM memory full test shows failure
P1	610	FLASH EPROM REPROG ERROR	Reprogrammable EEPROM memory is defective
P1	611	FLASH EPROM REPROG ERROR	Reprogrammable EEPROM memory is defective
P1	612	FLASH EPROM REPROG ERROR	Reprogrammable EEPROM memory is defective
P1	613	FLASH EPROM REPROG ERROR	Reprogrammable EEPROM memory is defective
P1	614	FLASH EPROM REPROG ERROR	Reprogrammable EEPROM memory is defective
P1	615	FLASH EPROM REPROG ERROR	Reprogrammable EEPROM memory is defective
P1	616	FLASH EPROM REPROG ERROR	Reprogrammable EEPROM memory is defective
P1	617	FLASH EPROM REPROG ERROR	Reprogrammable EEPROM memory is defective

P1	618	FLASH EPROM REPROG ERROR	Reprogrammable EEPROM memory is defective
P1	619	FLASH EPROM REPROG ERROR	Reprogrammable EEPROM memory is defective
P1	620	FLASH EPROM REPROG ERROR	Reprogrammable EEPROM memory is defective
P1	650	PSP SENSOR OUT OF RANGE	Power steering sensor out of range
P1	651	PSP SENSOR INPUT MALFUNCTION	Power steering sensor defective
P1	701	REVERSE ENGAGEMENT ERROR	Reverse engagement error
P1	703	BRAKE SWITCH OUT OF RANGE	Brake switch out of range
P1	705	TRANS RANGE SENSOR OUT OF RANGE	Transmission mode select sensor out of range
P1	709	PNP SWITCH OUT OF RANGE	Park/neutral switch out of range
P1	711	TFT SENSOR OUT OF RANGE	"TFT" sensor out of range
P1	729	4X4L SWITCH ERROR	4X4 switch is defective
P1	730	4X4 LOW ERROR	4x4 low level error
P1	731	1-2 SHIFT ERROR	Switch error from 1st to 2nd gear
P1	732	2-3 SHIFT ERROR	Switch error from 2nd to 3rd gear
P1	733	3-4 SHIFT ERROR	Switch error from 3rd to 4th gear
P1	741	TCC CONTROL ERROR	Clutch control error
P1	742	TCC PWM SOL FAILED ON	Clutch Engagement Solenoid Does Not Engage
P1	743	TCC PWM SOL FAILED ON	Clutch Engagement Solenoid Does Not Engage
P1	744	TCC SYSTEM PERFORMANCE	Slow clutch operation
P1	746	EPC SOLENOID OPEN CIRCUIT	Solenoid "EPC" circuit broken
P1	747	EPC SOLENOID SHORT CIRCUIT	Solenoid "EPC" circuit shorted
P1	749	EPC SOLENOID FAILED LOW	"EPC" solenoid does not move
P1	751	SHIFT SOLENOID A PERFORMANCE	Shift Solenoid "A" Slow
P1	754	COAST CLUTCH CKT MALFUNCTION	Overrunning clutch circuit does not work
P1	756	SHIFT SOLENOID B PERFORMANCE	Shift solenoid "B" running slowly
P1	761	SHIFT SOLENOID C PERFORMANCE	Shift Solenoid "C" Runs Slow
P1	766	SHIFT SOLENOID D PERFORMANCE	Shift solenoid "D" running slowly
P1	780	TCS OUT OF RANGE	TCS out of range
P1	781	4X4L SWITCH OUT OF RANGE	4X4L - switch out of range
P1	783	TRANSMISSION OVERTEMPERATURE	Transmission overheated
P1	784	TRANS 1ST & REV. MECHANICAL FAILURE	First or reverse gear is mechanically faulty
P1	785	TRANS 1ST & 2ND MECHANICAL FAILURE	1st or 2nd gear is mechanically faulty
P1	788	VFS #2 OPEN CIRCUIT	VFS #2 circuit broken
P1	789	VFS #2 SHORT CIRCUIT	VFS #2 circuit closed
U1	39	VSS FAILURE	Vehicle speed sensor defective
U1	51	BRAKE SWITCH SIG. FAILURE	Stop lamp switch defective
U1	135	IGN SWITCH SIG. FAILURE	The ignition switch (lock) is faulty
U1	451	PATS MODULE NO RESP/ENG DISABLE	Some modules are not responding or the engine is off
P1	XXX 1996—GM		
P1	2	BRAKE BOOSTER VAC SHORTED	Vacuum brake booster plugged
P1	3	BRAKE BOOSTER VAC OPEN	Vacuum brake booster open
P1	5	BRAKE BOOSTER VAC TO LOW	Vacuum brake booster has a low vacuum level
P1	7	PCM DATA LINK PROBLEM	Problem with data transfer from the control unit
P1	37	ABS/TCS LOSS OF DATA	ABS control unit or transmission lose data
P1	106 MAF	INTERM. HIGH IN	Intake air pressure sensor intermittent high
P1	107 MAF	INTERM. LOW IN	Intake air pressure sensor intermittent low
P1	111	INTAKE AIR TEMP INTERM. HIGH INPUT	Intake air temperature sensor intermittent high
P1	112	IAT SENSOR INTERM. LOW INPUT	Intake air temperature sensor intermittent low
P1	114	ECT INTERM. LOW INPUT	Coolant temperature sensor fluid intermittent high
P1	115	ECT INTERM. HIGH INPUT	Coolant temperature sensor fluid intermittent low
P1	121	TPS INTERM. HIGH INPUT	Throttle position sensor intermittent high
P1	122	TPS INTERM. LOW INPUT	Throttle position sensor intermittent low
P1	133	ENGINE 02 B1 SI SWITCHING	Oxygen sensor "B1" slow switch
P1	134	ENGINE 02 B1 SI RATIO	Oxygen sensor "B1" has a low switching rating
P1	135	ENGINE 02 B1 SI MEAN VOLTS	Oxygen sensor "B1" has a mid-signal offset
P1	153	ENGINE 02 B2 SI SWITCHING	Oxygen sensor "B2" slow switch
P1	154	ENGINE 02 B2 SI RATIO	Oxygen sensor "B2" has a low switching rating
P1	155	ENGINE 02 B2 SI MEAN VOLTS	Oxygen sensor "B2" has a mid-signal offset
P1	257	SUPER CHARGER OVER BOOST	Super charged over afterburner
P1	274	INJECTOR WIRING INCORRECT	Injection wires connected incorrectly
P1	350	BYPASS LINE MONITOR	Emergency control line
P1	361	EST NO TOGGLE AFT ENABLE	"EST" does not rotate after power on

P1	374	CRANK LOW RES CORRELATE	Relatively low crankshaft sensor signal
P1	381	ABS SYS ROUGH ROAD DETECT COMM FAIL	ABS rough road sensor defective
P1	406	LINEAR EGR PINTLE POSITION ERROR	The linearity of the exhaust gas recirculation system is broken
P1	441	EVAPORATIVE SYS OPEN PURGE FLOW	Gasoline vapor recovery system open to purge flow
P1	442	PURGE SOLENOID VAC SWITCH MALFUNCTION	Purge solenoid switch not working
P1	508	IDLE CONTROL SYS LOW	Idle system does not open
P1	509	IDLE CONTROL SYS HIGH	Idle system does not close
P1	520	PN SWITCH CIRCUIT FAULT	"PN" switch circuit is faulty
P1	554	CRUISE STEPPER MTR LINK FAULT	Communication with the cruise control stepper motor is broken
P1	571	TRACTION CNTRL PWM LINK FAULT	Communication with the traction control system is broken
P1	573	TRACTION CNTRL ABS LOST SERIAL DATA	Communication with the anti-lock braking system is broken
P1	619	OIL CHANGE RESET CIRCUIT FAULT	Oil Change Request Circuit Faulty
P1	626	PASSKEY FUEL ENABLE LOST	Fuel enable key lost
P1	629	PASSKEY FREQUENCY INVALID	Key frequency is wrong
P1	635	VSBA VOLTAGE CIRCUIT FAULT	
P1	639	VSBB VOLTAGE CIRCUIT FAULT	
P1	641	ODMA OUTPUT 1 CIRCUIT FAULT	
P1	642	ODMA OUTPUT 2 CIRCUIT FAULT	
P1	643	ODMA OUTPUT 3 CIRCUIT FAULT	
P1	644	ODMA OUTPUT 4 CIRCUIT FAULT	
P1	645	ODMA OUTPUT 5 CIRCUIT FAULT	
P1	646	ODMA OUTPUT 6 CIRCUIT FAULT	
P1	647	ODMA OUTPUT 7 CIRCUIT FAULT	
P1	651	ODMB OUTPUT 1 CIRCUIT FAULT	
P1	652	ODMB OUTPUT 2 CIRCUIT FAULT	
P1	653	ODMB OUTPUT 3 CIRCUIT FAULT	
P1	654	ODMB OUTPUT 4 CIRCUIT FAULT	
P1	655	ODMB OUTPUT 5 CIRCUIT FAULT	
P1	656	ODMB OUTPUT 6 CIRCUIT FAULT	
P1	657	ODMB OUTPUT 7 CIRCUIT FAULT	
P1	661	ODMC OUTPUT 1 CIRCUIT FAULT	
P1	662	ODMC OUTPUT 2 CIRCUIT FAULT	
P1	663	ODMC OUTPUT 3 CIRCUIT FAULT	
P1	664	ODMC OUTPUT 4 CIRCUIT FAULT	
P1	665	ODMC OUTPUT 5 CIRCUIT FAULT	
P1	666	ODMC OUTPUT 6 CIRCUIT FAULT	
P1	667	ODMC OUTPUT 7 CIRCUIT FAULT	
P1	671	ODMD OUTPUT 1 CIRCUIT FAULT	
P1	672	ODMD OUTPUT 2 CIRCUIT FAULT	
P1	673	ODMD OUTPUT 3 CIRCUIT FAULT	
P1	674	ODMD OUTPUT 4 CIRCUIT FAULT	
P1	675	ODMD OUTPUT 5 CIRCUIT FAULT	
P1	676	ODMD OUTPUT 6 CIRCUIT FAULT	
P1	677	ODMD OUTPUT 7 CIRCUIT FAULT	
P1	801	SELECT SWITCH PERFORM FAULT (HMD)	Operating mode switch defective
P1	810	PSS MANIFOLD MALFUNCTION	"PSS" pipeline defective
P1	811	MAX ADAPT & LONG SHIFT (HMD)	
P1	812	TRANS (HMD) HOT	Transmission overheated
P1	814	TORQUE CONVERTER OVER STRESSED	Clutch overloaded (shock load)
P1	860	TCC PWM SOLENOID CIRCUIT (HMD)	
P1	864	TCC SOLENOID CIRCUIT (HMD)	
P1	870	TRANSM COMPONENT SUPPING (HMD)	
P1	871	GEAR RATIO UNDEFINED	Transfer not defined
P1	886	3 TO 2 SOLENOID CIRCUIT MALFUNCTION	3rd to 2nd shift solenoid circuit malfunctioning
P1	889	3RD CLUTCH SWITCH PRESS SWITCH (HMD)	
BO 100		DRIVER AIR BAG CIRCUIT MALFUNCTION	Driver's airbag circuit malfunction
BO 101		DRIVER AIR BAG CIRCUIT RANGE/PERF	The air bag circuit signal is out of range. range
BO 102		DRIVER AIR BAG CIRCUIT LOW INPUT	Air bag circuit signal always low
BO 103		DRIVER AIR BAG CIRCUIT HIGH INPUT	Air bag circuit signal always high
BO 105		PASSENGER AIR BAG CIRCUIT MALFUNCTION	Passenger airbag circuit malfunction
BO 106		PASSENGER AIR BAG CIRCUIT RANGE/PERF	The air bag circuit signal is out of range. range
BO 107		PASSENGER AIR BAG CIRCUIT LOW INPUT	Air bag circuit signal always low

BO 108		PASSENGER AIR BAG CIRCUIT HIGH INPUT	Air bag circuit signal always high
BO 110		DRVR-SIDE AIR BAG CIRCUIT MALFUNCTION	Inflatable side airbag chain without. driver is faulty
BO 111		DRVR-SIDE AIR BAG CIRCUIT RANGE/PERF	The air bag circuit signal is out of range. range
BO 112		DRVR-SIDE AIR BAG CIRCUIT LOW INPUT	Air bag circuit signal always low
BO 113		DRVR-SIDE AIR BAG CIRCUIT HIGH INPUT	Air bag circuit signal always high
BO 115		PSNGR-SIDE AIR BAG CIRCUIT MALFUNCTION	Inflatable side airbag chain without. passenger is defective
BO 116		PSNGR-SIDE AIR BAG CIRCUIT RANGE/PERF	The air bag circuit signal is out of range. range
BO 117		PSNGR-SIDE AIR BAG CIRCUIT LOW INPUT	Air bag circuit signal always low
BO 118		PSNGR-SIDE AIR BAG CIRCUIT HIGH INPUT	Air bag circuit signal always high
BO 120		SEATBELT #1 SW MON. CIRCUIT MALFUNCTION	Seat belt latch #1 defective
BO 121		SEATBELT #1 SW MON. CIRCUIT RANGE/PERF	Seat belt latch #1 is slow
BO 122		SEATBELT #1 SW MON. CIRCUIT LOW INPUT	Seat belt latch #1 has a low entry
BO 123		SEATBELT #1 SW MON. CIRCUIT HIGH INPUT	Seat belt latch #1 has a high entry
BO 125		SEATBELT #2 SW MON. CIRCUIT MALFUNCTION	Seat belt latch #2 defective
BO 126		SEATBELT #2 SW MON. CIRCUIT RANGE/PERF	Seat belt latch #2 is slow
BO 127		SEATBELT #2 SW MON. CIRCUIT LOW INPUT	Seat belt latch #2 has a low entry
BO 128		SEATBELT #2 SW MON. CIRCUIT HIGH INPUT	Seat belt latch #2 has a high entry
BO 130		SEATBELT #1 RETRACT CIRCUIT MALFUNCTION	Seat Belt Pretensioner #1 Faulty
BO 131		SEATBELT #1 RETRACT CIRCUIT RANGE/PERF	Seat Belt Pretensioner #1 Runs Slow
BO 132		SEATBELT #1 RETRACT CIRCUIT LOW INPUT	Seat belt tensioner #1 has a low entry
BO 133		SEATBELT #1 RETRACT CIRCUIT HIGH INPUT	Seat belt tensioner #1 has a high entry
BO 135		SEATBELT #2 RETRACT CIRCUIT MALFUNCTION	Seat Belt Pretensioner #2 Malfunction
BO 136		SEATBELT #2 RETRACT CIRCUIT RANGE/PERF	Seat belt tensioner #2 is slow
BO 137		SEATBELT #2 RETRACT CIRCUIT LOW INPUT	Seat belt tensioner #2 has a low entry
BO 138		SEATBELT #2 RETRACT CIRCUIT HIGH INPUT	Seat belt tensioner #2 has a high entry
BO 300		COOLING FAN #1 CIRCUIT MALFUNCTION	Cooling fan #1 circuit not working
BO 301		COOLING FAN #1 CIRCUIT RANGE/PERF	Cooling Fan #1 Circuit Slow
BO 302		COOLING FAN #1 CIRCUIT LOW INPUT	Cooling Fan #1 Circuit Low
BO 303		COOLING FAN #1 CIRCUIT HIGH INPUT	Cooling Fan #1 Circuit High
BO 305		COOLING FAN #2 CIRCUIT MALFUNCTION	Cooling fan #2 circuit not working
BO 306		COOLING FAN #2 CIRCUIT RANGE/PERF	Cooling Fan #2 Circuit Slow
BO 307		COOLING FAN #2 CIRCUIT LOW INPUT	Cooling Fan #2 Circuit Low
BO 308		COOLING FAN #2 CIRCUIT HIGH INPUT	Cooling Fan #2 Circuit High
BO 310		A/C CLUTCH CIRCUIT MALFUNCTION	A/C enable circuit is faulty
BO 311		A/C CLUTCH CIRCUIT RANGE/PERF	A/C circuit is running slowly
BO 312		A/C CLUTCH CIRCUIT LOW INPUT	A/C enable circuit is low
B.O.313		A/C CLUTCH CIRCUIT HIGH INPUT	A/C Enable Circuit High
BO 315		A/C PRESSURE #1 CIRCUIT MALFUNCTION	A/C Compressor #1 Circuit Faulty
B.O.316		A/C PRESSURE #1 CIRCUIT RANGE/PERF	A/C Compressor #1 Circuit Runs Slow
B.O.317		A/C PRESSURE #1 CIRCUIT LOW INPUT	A/C Compressor #1 Circuit Low
B0	318	A/C PRESSURE #1 CIRCUIT HIGH INPUT	A/C Compressor #1 Circuit High
B0	320	A/C PRESSURE #2 CIRCUIT MALFUNCTION	A/C Compressor #2 Circuit Faulty
B0	321	A/C PRESSURE #2 CIRCUIT RANGE/PERF	A/C Compressor #2 Circuit Runs Slow
B0	322	A/C PRESSURE #2 CIRCUIT LOW INPUT	A/C Compressor #2 Circuit Low
B0	323	A/C PRESSURE #2 CIRCUIT HIGH INPUT	A/C Compressor #2 Circuit High
B0	325	A/C PRESS REF (SIG) CIRCUIT MALFUNCTION	
B0	326	A/C PRESS REF (SIG) CIRCUIT RANGE/PERF	
B0	327	A/C PRESS REF (SIG) CIRCUIT LOW INPUT	
B0	328	A/C PRESS REF (SIG) CIRCUIT HIGH INPUT	
B0	330	OUTSIDE AIR TEMP CIRCUIT MALFUNCTION	Outside Air Temperature Sensor Circuit Faulty
B0	331	OUTSIDE AIR TEMP CIRCUIT RANGE/PERF	The temperature sensor circuit is running slowly
B0	332	OUTSIDE AIR TEMP CIRCUIT LOW INPUT	Temperature sensor circuit is low
B0	333	OUTSIDE AIR TEMP CIRCUIT HIGH INPUT	The temperature sensor circuit is high
B0	335	IN AIR TEMP SENS #1 CIRCUIT MALFUNCTION	Indoor air temperature sensor #1 circuit is faulty.
B0	336	IN AIR TEMP SENS #1 CIRCUIT RANGE/PERF	Temperature sensor #1 circuit running slowly
B0	337	IN AIR TEMP SENS #1 CIRCUIT LOW INPUT	Temperature Sensor #1 Circuit Low
B0	338	IN AIR TEMP SENS #1 CIRCUIT HIGH INPUT	Temperature Sensor #1 Circuit High
B0	340	IN AIR TEMP SENS #2 CIRCUIT MALFUNCTION	Indoor air temperature sensor #2 circuit is faulty.
B0	341	IN AIR TEMP SENS #2 CIRCUIT RANGE/PERF	Temperature sensor #2 circuit running slowly
B0	342	IN AIR TEMP SENS #2 CIRCUIT LOW INPUT	Temperature Sensor #2 Circuit Low
B0	343	IN AIR TEMP SENS #2 CIRCUIT HIGH INPUT	Temperature Sensor #2 Circuit High
B0	345	SOLAR LOAD SENSOR 1 CIRCUIT MALFUNCTION	Light Sensor (Solar) Circuit #1 Faulty

B0	346	SOLAR LOAD SENSOR 1 CIRCUIT RANGE/PERF	Ambient Light Sensor #1 Circuit Runs Slow
B0	347	SOLAR LOAD SENSOR 1 CIRCUIT LOW INPUT	Ambient Light Sensor #1 Circuit Low
B0	348	SOLAR LOAD SENSOR 1 CIRCUIT HIGH INPUT	Ambient Light Sensor #1 Circuit High
B0	350	SOLAR LOAD SENSOR 2 CIRCUIT MALFUNCTION	Light Sensor (Solar) Circuit #2 Faulty
B0	351	SOLAR LOAD SENSOR 2 CIRCUIT RANGE/PERF	Ambient Light Sensor #2 Circuit Running Slow
B0	352	SOLAR LOAD SENSOR 2 CIRCUIT LOW INPUT	Ambient Light Sensor #2 Circuit Low
B0	353	SOLAR LOAD SENSOR 2 CIRCUIT HIGH INPUT	Ambient light sensor circuit #2 is high
B0	355	BLOWER MTR #1 SPEED CIRCUIT MALFUNCTION	#1 Fan Speed Control Circuit Faulty
B0	356	BLOWER MTR #1 SPEED CIRCUIT RANGE/PERF	Fan #1 control circuit runs slow
B0	357	BLOWER MTR #1 SPEED CIRCUIT LOW INPUT	Fan #1 control circuit is low
B0	358	BLOWER MTR #1 SPEED CIRCUIT HIGH INPUT	Fan #1 control circuit is high
B0	360	BLOWER MTR #1 POWER CIRCUIT MALFUNCTION	Fan #1 power circuit is faulty
B0	361	BLOWER MTR #1 POWER CIRCUIT RANGE/PERF	The power supply circuit of the fan No. 1 goes beyond the add. range
B0	362	BLOWER MTR #1 POWER CIRCUIT LOW INPUT	Fan #1 Power Circuit Low
B0	363	BLOWER MTR #1 POWER CIRCUIT HIGH INPUT	Fan #1 Power Circuit High
B0	365	BLOWER MTR #1 GND CIRCUIT MALFUNCTION	Fan #1 ground circuit is faulty
B0	366	BLOWER MTR #1 GND CIRCUIT RANGE/PERF	Fan #1 ground circuit out of aux. range
B0	367	BLOWER MTR #1 GND CIRCUIT LOW INPUT	Fan #1 ground circuit is low
B0	368	BLOWER MTR #1 GND CIRCUIT HIGH INPUT	Fan #1 ground circuit is high
B0	370	A/C HIGH SIDE TEMP SENSOR MALFUNCTION	Temperature sensor of the highest point of the air conditioner is defective
B0	371	A/C HIGH SIDE TEMP SENSOR RANGE/PERF	Temperature sensor signal out of range
B0	372	A/C HIGH SIDE TEMP SENSOR LOW INPUT	Temperature sensor signal is low
B0	373	A/C HIGH SIDE TEMP SENSOR HIGH INPUT	The temperature sensor signal is high
B0	375	A/C EVAP INLET TEMP SENSOR MALFUNCTION	Temperature sensor at the inlet vent. cond. out of order
B0	376	A/C EVAP INLET TEMP SENSOR RANGE/PERF	Temperature sensor signal out of range
BO 377		A/C EVAP INLET TEMP SENSOR LOW INPUT	Temperature sensor signal is low
BO 378		A/C EVAP INLET TEMP SENSOR HIGH INPUT	The temperature sensor signal is high
BO 380		A/C REFRIGERANT UNDERPRESSURE	Air conditioner refrigerant pressure is not enough
BO 381		A/C REFRIGERANT OVERPRESSURE	A/C refrigerant pressure too high
BO400		AIR FLOW CONTROL #1 DEFROST MALFUNCTION	Ex. airflow defroster #1 is defective
B.O.401		AIR FLOW CONTROL #1 DEFROST RANGE/PERF	Ex. defroster #1 runs slowly
B.O.402		AIR FLOW CONTROL #1 DEFROST LOW INPUT	Ex. defroster #1 has a low signal
BO 403		AIR FLOW CONTROL #1 DEFROST HIGH INPUT	Ex. defroster #1 has a high signal
B.O.405		AIR FLOW CONTROL #2 HEATER MALFUNCTION	Ex. airflow heater #2 is faulty
B.O.406		AIR FLOW CONTROL #2 HEATER RANGE/PERF	Ex. heater #2 runs slowly
B.O.407		AIR FLOW CONTROL #2 HEATER LOW INPUT	Ex. heater #2 has a low signal
B.O.408		AIR FLOW CONTROL #2 HEATER HIGH INPUT	Ex. heater #2 has a high signal
B.O.410		AIR FLOW CONTROL #3 BLEND MALFUNCTION	Ex. air flow of mixer #3 is defective
B.O.411		AIR FLOW CONTROL #3 BLEND RANGE/PERF	Ex. mixer 3 runs slowly
B.O.412		AIR FLOW CONTROL #3 BLEND LOW INPUT	Ex. mixer #3 has a low signal
B.O.413		AIR FLOW CONTROL #3 BLEND HIGH INPUT	Ex. mixer #3 has a high signal
B.O.415		AIR FLOW CONTROL #4 VENT MALFUNCTION	Ex. airflow ventilation #4 defective
B.O.416		AIR FLOW CONTROL #4 VENT RANGE/PERF	Ex. ventilation y4 works slowly
BO 417		AIR FLOW CONTROL #4 VENT LOW INPUT	Ex. ventilation #4 has a low signal
B.O.418		AIR FLOW CONTROL #4 VENT HIGH INPUT	Ex. ventilation #4 has a high signal
BO420		AIR FLOW CONTROL #5 A/C MALFUNCTION	Ex. Air conditioning air flow #5 is defective
B.O.421		AIR FLOW CONTROL #5 A/C RANGE/PERF	Ex. A/C #5 is running slowly
B.O.422		AIR FLOW CONTROL #5 A/C LOW INPUT	Ex. conditioning #5 has a low signal
B.O.423		AIR FLOW CONTROL #5 A/C HIGH INPUT	Ex. conditioning #5 has a high signal
B.O.425		AIR FLOW CONTROL #6 RECIRC MALFUNCTION	Ex. recirculation airflow #6 is faulty
B.O.426		AIR FLOW CONTROL #6 RECIRC RANGE/PERF	Ex. recirculation #6 is slow
BO 427		AIR FLOW CONTROL #6 RECIRC LOW INPUT	Ex. recirculation #6 has a low signal
B.O.428		AIR FLOW CONTROL #6 RECIRC HIGH INPUT	Ex. recirculation #6 has a high signal
B.O.430		REAR DEFROST CIRCUIT MALFUNCTION	Rear window defroster circuit faulty
B.O.431		REAR DEFROST CIRCUIT RANGE/PERF	Rear window defroster circuit runs slowly
B.O.432		REAR DEFROST CIRCUIT LOW INPUT	Rear window defroster circuit low
B.O.433		REAR DEFROST CIRCUIT HIGH INPUT	Rear window defroster circuit high
B.O.435		A/C REQUEST CIRCUIT MALFUNCTION	Air Conditioning Request Circuit Faulty
B.O.436		A/C REQUEST CIRCUIT RANGE/PERF	A/C turn on request circuit is slow
B.O.437		A/C REQUEST CIRCUIT LOW INPUT	A/C turn on request circuit is low
B.O.438		A/C REQUEST CIRCUIT HIGH INPUT	Air Conditioning Request Circuit
BO 440		CONTROL HEAD #1 FEEDBACK MALFUNCTION	

BO 441	CONTROL HEAD #1 FEEDBACK RANGE/PERF	
BO 442	CONTROL HEAD #1 FEEDBACK LOW INPUT	
BO 443	CONTROL HEAD #1 FEEDBACK HIGH INPUT	
BO 445	CONTROL HEAD #FEEDBACK MALFUNCTION	
BO 446	CONTROL HEAD #FEEDBACK RANGE/PERF	
BO 447	CONTROL HEAD #2 FEEDBACK LOW INPUT	
BO 448	CONTROL HEAD #2 FEEDBACK HIGH INPUT	
BO 500	RH TURN SIGNAL CIRCUIT MALFUNCTION	Right Turn Signal Circuit Faulty
BO 501	RH TURN SIGNAL CIRCUIT RANGE/PERF	Right Turn Signal Circuit Runs Slow
BO 502	RH TURN SIGNAL CIRCUIT LOW INPUT	Right Turn Signal Circuit Low
BO 503	RH TURN SIGNAL CIRCUIT HIGH INPUT	Right Turn Signal Circuit High
B.O.505	LH TURN SIGNAL CIRCUIT MALFUNCTION	Left Turn Signal Circuit Faulty
B.O.506	LH TURN SIGNAL CIRCUIT RANGE/PERF	Left Turn Signal Circuit Slow
B.O.507	LH TURN SIGNAL CIRCUIT LOW INPUT	Left Turn Signal Circuit Low
B.O.508	LH TURN SIGNAL CIRCUIT HIGH INPUT	Left Turn Signal Circuit High
BO 510	HEADLAMP INDICATORS CIRCUIT MALFUNCTION	Headlight indicator circuit is faulty
BO 511	HEADLAMP INDICATORS CIRCUIT RANGE/PERF	Headlight indicator circuit running slowly
BO 512	HEADLAMP INDICATORS CIRCUIT LOW INPUT	Headlight indicator circuit is low
BO 513	HEADLAMP INDICATORS CIRCUIT HIGH INPUT	The headlight indicator circuit is high
BO 515	SPEEDOMETER CIRCUIT MALFUNCTION	Speedometer circuit is faulty
BO 516	SPEEDOMETER CIRCUIT RANGE/PERF	Speedometer circuit running slow
BO 517	SPEEDOMETER CIRCUIT LOW INPUT	Speedometer circuit has a low signal
BO 518	SPEEDOMETER CIRCUIT HIGH INPUT	The speedometer circuit has a high signal
BO 520	TACHOMETER CIRCUIT MALFUNCTION	Tachometer circuit is faulty
BO 521	TACHOMETER CIRCUIT RANGE/PERF	Tachometer circuit running slowly
BO 522	TACHOMETER CIRCUIT LOW INPUT	The tachometer circuit has a low signal
BO 523	TACHOMETER CIRCUIT HIGH INPUT	The tachometer circuit has a high signal
BO 525	TEMPERATURE GAUGES CIRCUIT MALFUNCTION	The temperature measuring circuit is faulty
BO 526	TEMPERATURE GAUGES CIRCUIT RANGE/PERF	The temperature measuring circuit is running slowly
BO 527	TEMPERATURE GAUGES CIRCUIT LOW INPUT	The temperature measuring circuit has a low signal
BO 528	TEMPERATURE GAUGES CIRCUIT HIGH INPUT	The temperature measuring circuit has a high signal
B.O.530	FUEL LEVEL GAUGE CIRCUIT MALFUNCTION	Fuel gauge circuit malfunction
B.O.531	FUEL LEVEL GAUGE CIRCUIT RANGE/PERF	Fuel Gauge Circuit Running Slow
B.O.532	FUEL LEVEL GAUGE CIRCUIT LOW INPUT	Fuel Gauge Circuit Low
B.O.533	FUEL LEVEL GAUGE CIRCUIT HIGH INPUT	Fuel Gauge Circuit High
B.O.535	TURBO/SUPERBOOST GAUGE MALFUNCTION	Turbo/super boost meter is faulty
B.O.536	TURBO/SUPERBOOST GAUGE RANGE/PERF	Turbo/super boost meter is slow
B.O.537	TURBO/SUPERBOOST GAUGE LOW INPUT	Turbo/super boost meter has a low signal
B.O.538	TURBO/SUPERBOOST GAUGE HIGH INPUT	Turbo/super boost meter has a high signal
B.O.540	FASTEN SEATBELT INDICATOR MALFUNCTION	Seat belt buckle indicator defective
B.O.541	FASTEN SEATBELT INDICATOR RANGE/PERF	Seat belt buckle indicator is slow
B.O.542	FASTEN SEATBELT INDICATOR LOW INPUT	The seat belt buckle indicator is low
B.O.543	FASTEN SEATBELT INDICATOR HIGH INPUT	The seat belt latch indicator is high. signal
BO 545	DOOR AJAR #1 INDICATOR MALFUNCTION	Door ajar indicator #1 defective
BO 546	DOOR AJAR #1 INDICATOR RANGE/PERF	Door ajar indicator #1 is slow
BO 547	DOOR AJAR #1 INDICATOR LOW INPUT	Door ajar indicator #1 is low
BO 548	DOOR AJAR #1 INDICATOR HIGH INPUT	Door ajar indicator #1 is high
BO 550	DOOR AJAR #2 INDICATOR MALFUNCTION	Door ajar indicator #2 defective
BO 551	DOOR AJAR #2 INDICATOR RANGE/PERF	Door ajar indicator #2 is slow
BO 552	DOOR AJAR #2 INDICATOR LOW INPUT	Door ajar indicator #2 is low
BO 553	DOOR AJAR #2 INDICATOR HIGH INPUT	Door ajar indicator #2 is high
B.O.555	BRAKE INDICATOR CIRCUIT MALFUNCTION	Brake indicator circuit is faulty
B.O.556	BRAKE INDICATOR CIRCUIT RANGE/PERF	Brake Indicator Circuit Runs Slow
B.O.557	BRAKE INDICATOR CIRCUIT LOW INPUT	Brake indicator circuit is low
B.O.558	BRAKE INDICATOR CIRCUIT HIGH INPUT	Brake indicator circuit is high
B.O.560	AIR BAG LAMP #1 CIRCUIT MALFUNCTION	#1 Airbag Lamp Circuit Faulty
B.O.561	AIR BAG LAMP #1 CIRCUIT RANGE/PERF	#1 Airbag Lamp Circuit Runs Slow
B.O.562	AIR BAG LAMP #1 CIRCUIT LOW INPUT	#1 Airbag Lamp Circuit Low
B.O.563	AIR BAG LAMP #1 CIRCUIT HIGH INPUT	#1 Airbag Lamp Circuit High
B.O.565	SECURITY OP INFO CIRCUIT MALFUNCTION	Confidential Options Information Circuit Faulty
B.O.566	SECURITY OP INFO CIRCUIT RANGE/PERF	The chain of information about secret options is slow
B.O.567	SECURITY OP INFO CIRCUIT LOW INPUT	The secret option information circuit is low

B.O.568	SECURITY OP INFO CIRCUIT HIGH INPUT	The secret option information circuit is high
BO600	OPTION CONFIG ERROR	Options configuration is wrong
BO 601	KAM RESET	Reset "KAM" sensor
B.O.602	OSC WATCHDOG COP MALFUNCTION	The generator controlling the WATCHDOG system is faulty
BO 603	EEPROM WRITE ERROR	FLASH ROM Write Error
BO 604	EEPROM CALIBRATION ERROR	Calibration ROM error
BO 605	EEPROM CHECKSUM ERROR	ROM checksum error
BO 606	RAM MALFUNCTION	RAM is defective
B.O.607	INTERNAL ERROR	Internal error
B.O.608	INITIALIZATION ERROR	Initialization error
BO 800	DEVICE POWER #1 CIRCUIT MALFUNCTION	Power Supply #1 Circuit Faulty
BO 801	DEVICE POWER #1 CIRCUIT RANGE/PERF	Power Supply #1 Circuit Signal Out of Range
B.O.802	DEVICE POWER #1 CIRCUIT LOW INPUT	Power Supply #1 Circuit Always Low
B.O.803	DEVICE POWER #1 CIRCUIT HIGH INPUT	Power Supply #1 Circuit Always High
B.O.805	DEVICE POWER #2 CIRCUIT MALFUNCTION	Power supply circuit #2 is faulty
B.O.806	DEVICE POWER #2 CIRCUIT RANGE/PERF	Power Supply #2 Circuit Signal Out of Range
B.O.807	DEVICE POWER #2 CIRCUIT LOW INPUT	Power supply circuit #2 always low
B.O.808	DEVICE POWER #2 CIRCUIT HIGH INPUT	Power supply circuit #2 always high
B.O.810	DEVICE POWER #3 CIRCUIT MALFUNCTION	Power supply circuit #3 is faulty
B.O.811	DEVICE POWER #3 CIRCUIT RANGE/PERF	Power Supply Circuit #3 Signal Out of Range
BO 812	DEVICE POWER #3 CIRCUIT LOW INPUT	Power supply circuit #3 always low
BO 813	DEVICE POWER #3 CIRCUIT HIGH INPUT	Power supply circuit #3 always high
BO 815	DEVICE GROUND #1 CIRCUIT MALFUNCTION	#1 device ground circuit is faulty
B.O.816	DEVICE GROUND #1 CIRCUIT RANGE/PERF	Ground Circuit Signal #1 Out of Range
BO 817	DEVICE GROUND #1 CIRCUIT LOW INPUT	Ground signal #1 is always low
BO 818	DEVICE GROUND #1 CIRCUIT HIGH INPUT	Ground signal #1 is always high
B.O.820	DEVICE GROUND #2 CIRCUIT MALFUNCTION	Device Ground Circuit Faulty #2
BO 821	DEVICE GROUND #2 CIRCUIT RANGE/PERF	Ground Circuit Signal #2 Out of Range
B.O.822	DEVICE GROUND #2 CIRCUIT LOW INPUT	Ground Loop #2 Signal Always Low
B.O.823	DEVICE GROUND #2 CIRCUIT HIGH INPUT	Ground signal #2 is always high
B.O.825	DEVICE GROUND #3 CIRCUIT MALFUNCTION	Device Ground Circuit Faulty #3
B.O.826	DEVICE GROUND #3 CIRCUIT RANGE/PERF	Ground Circuit Signal #3 Out of Range
B.O.827	DEVICE GROUND #3 CIRCUIT LOW INPUT	Ground signal #3 is always low
B.O.828	DEVICE GROUND #3 CIRCUIT HIGH INPUT	Ground signal #3 is always high
B.O.830	IGNITION 0 CIRCUIT MALFUNCTION	Ignition circuit 0 faulty
BO 831	IGNITION 0 CIRCUIT RANGE/PERF	Ignition circuit 0 is slow
B.O.832	IGNITION 0 CIRCUIT LOW INPUT	Ignition 0 circuit low
BO 833	IGNITION 0 CIRCUIT HIGH INPUT	Ignition 0 circuit high
B.O.835	IGNITION 1 CIRCUIT MALFUNCTION	Ignition circuit 1 faulty
B.O.836	IGNITION 1 CIRCUIT RANGE/PERF	Ignition circuit 1 runs slowly
BO 837	IGNITION 1 CIRCUIT LOW INPUT	Ignition 1 Circuit Low
BO 838	IGNITION 1 CIRCUIT HIGH INPUT	Ignition 1 circuit high
BO 840	IGNITION 3 CIRCUIT MALFUNCTION	Ignition circuit 3 faulty
BO 841	IGNITION 3 CIRCUIT RANGE/PERF	Ignition circuit 3 runs slowly
BO 842	IGNITION 3 CIRCUIT LOW INPUT	Ignition 3 Circuit Low
BO 843	IGNITION 3 CIRCUIT HIGH	Ignition 3 circuit high
BO 845	INPUT DEVICE 5 VOLT REF CIRCUIT MALFUNCTION	5 volt power supply is defective
BO 846	DEVICE 5 VOLT REF CIRCUIT RANGE/PERF	Power supply 5-V signal out of range
BO 847	DEVICE 5 VOLT REF CIRCUIT LOW INPUT	Power Supply 5-V Signal Always Low
BO 848	DEVICE 5 VOLT REF CIRCUIT HIGH INPUT	Power supply 5-V signal always high
B.O.850	(CLEAN)BATTERY CIRCUIT MALFUNCTION	(Clean) Battery circuit faulty
BO 851	(CLEAN)BATTERY CIRCUIT RANGE/PERF	(Clean) Battery circuit is not working properly
BO 852	(CLEAN)BATTERY CIRCUIT LOW INPUT	(Clean) The battery circuit is low
BO 853	(CLEAN)BATTERY CIRCUIT HIGH INPUT	(Clean) The battery circuit is high
B.O.855	(DIRTY)BATTERY CIRCUIT MALFUNCTION	(Dirty) Battery circuit defective
BO 856	(DIRTY)BATTERY CIRCUIT RANGE/PERF	(Dirty) Battery circuit not working properly
BO 857	(DIRTY)BATTERY CIRCUIT LOW INPUT	(Dirty) The battery circuit is low
BO 858	(DIRTY)BATTERY CIRCUIT HIGH INPUT	(Dirty) The battery circuit is high
B.O.860	SYSTEM VOLTAGE HIGH	High system supply voltage
BO 856	SYSTEM VOLTAGE LOW	Low system supply voltage
CO200	RF WHEEL SPD SENS CIRCUIT MALFUNCTION	Right front wheel speed sensor circuit malfunction
CO201	RF WHEEL SPD SENS CIRCUIT RANGE/PERF	Right front wheel sensor circuit is malfunctioning

CO202		RF WHEEL SPD SENS CIRCUIT LOW INPUT	Right Front Wheel Sensor Circuit Always Low
CO203		RF WHEEL SPD SENS CIRCUIT HIGH INPUT	The right front wheel sensor circuit is always high. level
CO205		LF WHEEL SPD SENS CIRCUIT MALFUNCTION	Left Front Wheel Speed Sensor Circuit Faulty
CO206		LF WHEEL SPD SENS CIRCUIT RANGE/PERF	Left front wheel sensor circuit is malfunctioning
CO207		LF WHEEL SPD SENS CIRCUIT LOW INPUT	Left Front Wheel Sensor Circuit Always Low
CO208		LF WHEEL SPD SENS CIRCUIT HIGH INPUT	The left front wheel sensor circuit is always high. level
CO210		RR WHEEL SPD SENS CIRCUIT MALFUNCTION	Right Rear Wheel Speed Sensor Circuit Faulty
CO211		RR WHEEL SPD SENS CIRCUIT RANGE/PERF	Right rear wheel sensor circuit not working properly
CO212		RR WHEEL SPD SENS CIRCUIT LOW INPUT	Right Rear Wheel Sensor Circuit Always Low
CO213		RR WHEEL SPD SENS CIRCUIT HIGH INPUT	The right rear wheel sensor circuit is always high. level
CO215		LR WHEEL SPD SENS CIRCUIT MALFUNCTION	Left Rear Wheel Speed Sensor Circuit Faulty
CO216		LR WHEEL SPD SENS CIRCUIT RANGE/PERF	Left rear wheel sensor circuit not working properly
CO217		LR WHEEL SPD SENS CIRCUIT LOW INPUT	Left rear wheel sensor circuit always low
CO218		LR WHEEL SPD SENS CIRCUIT HIGH INPUT	The left rear wheel sensor circuit is always high. level
CO220		REAR WHEEL SPD SENS CIRCUIT MALFUNCTION	Rear Wheel Speed Sensor Circuit Faulty
CO221		REAR WHEEL SPD SENS CIRCUIT RANGE/PERF	Rear wheel sensor circuit not working properly
CO222		REAR WHEEL SPD SENS CIRCUIT LOW INPUT	Rear wheel sensor circuit always low
CO223		REAR WHEEL SPD SENS CIRCUIT HIGH INPUT	The rear wheel sensor circuit is always high. level
CO 225	WHEEL	SPD SENS FREQUENCY ERROR	Wheel speed sensor frequency is wrong
CO226		RF ABS SOL/MTR #1 CIRCUIT MALFUNCTION	Solenoid/Priv circuit No. 1 ABS right. per. wheel is defective
CO227		RF ABS SOL/MTR #1 CIRCUIT RANGE/PERF	Solenoid/Priv circuit No. 1 ABS right. per. wheels working. slowly
CO228		RF ABS SOL/MTR #1 CIRCUIT LOW INPUT	Solenoid/Priv circuit No. 1 ABS right front wheel in a low level
CO229		RF ABS SOL/MTR #1 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 1 ABS right front wheel in high. level
CO231		RF ABS SOL/MTR #2 CIRCUIT MALFUNCTION	Solenoid/Priv circuit No. 2 ABS right. per. wheel is defective
CO232		RF ABS SOL/MTR #2 CIRCUIT RANGE/PERF	Solenoid/Priv circuit No. 2 ABS right. per. wheels work. slowly
CO233		RF ABS SOL/MTR #2 CIRCUIT LOW INPUT	Solenoid/Priv circuit No. 2 ABS right front wheel in a low level
CO234		RF ABS SOL/MTR #2 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 2 ABS right front wheel in high. level
CO236		LF ABS SOL/MTR #1 CIRCUIT MALFUNCTION	Solenoid/Priv circuit No. 1 ABS lion. per. wheel is defective
CO237		LF ABS SOL/MTR #1 CIRCUIT RANGE/PERF	Solenoid/Priv circuit No. 1 ABS lion. per. wheels working. slowly
CO238		LF ABS SOL/MTR #1 CIRCUIT LOW INPUT	Solenoid/Priv circuit No. 1 ABS left. per. wheels in a low level
CO239		LF ABS SOL/MTR #1 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 1 ABS left. per. wheels in high. level
CO241		LF ABS SOL/MTR #2 CIRCUIT MALFUNCTION	Solenoid/Priv circuit No. 2 ABS lion. per. wheel is defective
CO242		LF ABS SOL/MTR #2 CIRCUIT RANGE/PERF	Solenoid/Priv circuit No. 2 ABS lion. per. wheels working. slowly
CO243		LF ABS SOL/MTR #2 CIRCUIT LOW INPUT	Solenoid/Priv circuit No. 2 ABS left. per. wheels in a low level
CO244		LF ABS SOL/MTR #2 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 2 ABS left lane high level
CO246		RR ABS SOL/MTR #1 CIRCUIT MALFUNCTION	Solenoid/Priv circuit No. 1 ABS right. ass wheel is defective
CO247		RR ABS SOL/MTR #1 CIRCUIT RANGE/PERF	Solenoid/Priv circuit No. 1 ABS right. ass wheels working. slowly
CO248		RR ABS SOL/MTR #1 CIRCUIT LOW INPUT	Solenoid/Priv circuit No. 1 ABS right rear wheel low
CO249		RR ABS SOL/MTR #1 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 1 ABS right rear wheel high level
CO251		RR ABS SOL/MTR #2 CIRCUIT MALFUNCTION	Solenoid/Priv circuit No. 2 ABS right. ass wheel is defective
CO252		RR ABS SOL/MTR #2 CIRCUIT RANGE/PERF	Solenoid/Priv circuit No. 2 ABS right. ass wheels working. slowly
CO253		RR ABS SOL/MTR #2 CIRCUIT LOW INPUT	Solenoid/Priv circuit No. 2 ABS right. rear wheels in a low level
CO254		RR ABS SOL/MTR #2 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 2 ABS right rear wheels high. level
CO256		LR ABS SOL/MTR #1 CIRCUIT MALFUNCTION	Solenoid/Priv circuit No. 1 ABS lion. ass wheel is defective
CO257		LR ABS SOL/MTR #1 CIRCUIT RANGE/PERF	Solenoid/Priv circuit No. 1 ABS lion. ass wheels work. slowly
CO258		LR ABS SOL/MTR #1 CIRCUIT LOW INPUT	Solenoid/Priv circuit No. 1 ABS left rear wheel in low level
CO259		LR ABS SOL/MTR #1 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 1 ABS left rear wheel high level
CO261		RR ABS SOL/MTR #2 CIRCUIT MALFUNCTION	Solenoid/Priv circuit No. 2 ABS right. ass wheel is defective
CO262		RR ABS SOL/MTR #2 CIRCUIT RANGE/PERF	Solenoid/Priv circuit No. 2 ABS right. ass wheels working. slowly
CO263		RR ABS SOL/MTR #2 CIRCUIT LOW INPUT	Solenoid/Priv circuit No. 2 ABS right. rear wheels in a low level
CO264		RR ABS SOL/MTR #2 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 2 ABS right rear wheels high. level
CO 266	PUMP M	OTOR CIRCUIT MALFUNCTION	Pump motor circuit is faulty
CO 267	PUMP M	OTOR CIRCUIT RANGE/PERF	Pump motor circuit not working properly
CO 268	PUMP M	OTOR CIRCUIT LOW INPUT	Pump motor circuit always low
CO 269	PUMP M	OTOR CIRCUIT HIGH INPUT	Pump motor circuit
CO 271	PUMP M	OTOR RELAY CIRCUIT MALFUNCTION	Pump Motor Relay Circuit Faulty
CO 272	PUMP M	OTOR RELAY CIRCUIT RANGE/PERF	Pump motor relay circuit not working properly
CO 273	PUMP M	OTOR RELAY CIRCUIT LOW INPUT	Pump Motor Relay Circuit Always Low
CO 274	PUMP M	OTOR RELAY CIRCUIT HIGH INPUT	Pump Motor Relay Circuit Always High
CO276		VALVE RELAY CIRCUIT MALFUNCTION	Valve relay circuit faulty
CO277		VALVE RELAY CIRCUIT RANGE/PERF	Valve relay circuit not working properly
CO278		VALVE RELAY CIRCUIT LOW INPUT	Valve relay circuit always low

CO279		VALVE RELAY CIRCUIT HIGH INPUT	Valve relay circuit always high
CO 300		RF TCS SOUMTR #1 CIRCUIT MALFUNCTION	Solenoid/Priv circuit #1 "TCS" is right. per. wheel is defective
CO 301		RF TCS SOL/MTR #1 CIRCUIT RANGE/PERF	Solenoid/Priv circuit #1 "TCS" is right. per. wheels working. Slowly
CO 302		RF TCS SOL/MTR #1 CIRCUIT LOW INPUT	Solenoid/Priv circuit No. 1 "TCS" right front wheel in a low level
CO 303		RF TCS SOUMTR # CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 1 "TCS" right front wheel in high. level
CO 305		RF TCS SOUMTR #2 CIRCUIT MALFUNCTION	Solenoid/Priv circuit #2 "TCS" is right. per. wheel is defective
CO 306		RF TCS SOL/MTR #2 CIRCUIT RANGE/PERF	Solenoid/Priv circuit #2 "TCS" is right. per. wheels working. Slowly
CO 307		RF TCS SOL/MTR #2 CIRCUIT LOW INPUT	Solenoid/Priv circuit No. 2 "TCS" right front wheel in a low level
CO 308		RF TCS SOL/MTR #2 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 2 "TCS" right front wheel in high. level
CO 310		LF TCS SOL/MTR #1 CIRCUIT MALFUNCTION	Solenoid/Priv circuit No. 1 "TCS" lion. per. wheel is defective
CO 311		LF TCS SOL/MTR #1 CIRCUIT RANGE/PERF	Solenoid/Priv circuit No. 1 "TCS" lion. per. wheels working. slowly
CO 312		LF TCS SOL/MTR #1 CIRCUIT LOW INPUT	Solenoid/Priv circuit No. 1 "TCS" left. per. wheel in a low level
CO 313		LF TCS SOL/MTR #1 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 1 "TCS" left front wheel in high. level
CO 315		LF TCS SOL/MTR #2 CIRCUIT MALFUNCTION	Solenoid/Priv circuit No. 2 "TCS" lion. per. wheel is defective
CO 316		LF TCS SOL/MTR #2 CIRCUIT RANGE/PERF	Solenoid/Priv circuit No. 2 "TCS" lion. per. wheels working. slowly
CO 317		LF TCS SOL/MTR #2 CIRCUIT LOW INPUT	Solenoid/Priv circuit No. 2 "TCS" left. per. wheels in a low level
CO 318		LF TCS SOL/MTR #2 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 2 "TCS" left front wheel in high. level
CO 320		RR TCS SOL/MTR #1 CIRCUIT MALFUNCTION	Solenoid/Priv circuit #1 "TCS" is right. ass wheel is defective
CO 321		RR TCS SOL/MTR #1 CIRCUIT RANGE/PERF	Solenoid/Priv circuit #1 "TCS" is right. ass wheels working. slowly
CO 322		RR TCS SOL/MTR #1 CIRCUIT LOW INPUT	Solenoid/Priv circuit #1 "TCS" right rear wheel low
CO 323		RR TCS SOL/MTR #1 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 1 "TCS" right rear wheel high level
CO 325		RR TCS SOL/MTR #2 CIRCUIT MALFUNCTION	Solenoid/Priv circuit #2 "TCS" is right. ass wheel is defective
CO 326		RR TCS SOL/MTR #2 CIRCUIT RANGE/PERF	Solenoid/Priv circuit #2 "TCS" is right. ass wheels working. slowly
CO 327		RR TCS SOL/MTR #2 CIRCUIT LOW INPUT	Solenoid/Priv circuit #2 "TCS" right rear wheel low
CO 328		RR TCS SOL/MTR #2 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 2 "TCS" right rear wheels high. level
CO 330		LR TCS SOL/MTR #1 CIRCUIT MALFUNCTION	Solenoid/Priv circuit No. 1 "TCS" lion. ass wheel is defective
CO 331		LR TCS SOL/MTR #1 CIRCUIT RANGE/PERF	Solenoid/Priv circuit No. 1 "TCS" lion. ass wheels working. slowly
CO 332		LR TCS SOL/MTR #1 CIRCUIT LOW INPUT	Solenoid/Priv circuit No. 1 "TCS" left rear wheel low
CO 333		LR TCS SOL/MTR #1 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 1 "TCS" left rear wheel high level
CO 335		RR TCS SOL/MTR #2 CIRCUIT MALFUNCTION	Solenoid/Priv circuit #2 "TCS" is right. ass wheel is defective
CO 336		RR TCS SOL/MTR #2 CIRCUIT RANGE/PERF	Solenoid/Priv circuit #2 "TCS" is right. ass wheels working. slowly
CO 337		RR TCS SOL/MTR #2 CIRCUIT LOW INPUT	Solenoid/Priv circuit #2 "TCS" right rear wheel low
CO 338		RR TCS SOUMTR #2 CIRCUIT HIGH INPUT	Solenoid/Priv circuit No. 2 "TCS" right rear wheels high. level
CO 340		ABS/TCS BRAKE SW. CIRCUIT MALFUNCTION	ABS/TCS shift circuit malfunction
CO 341		ABS/TCS BRAKE SW. CIRCUIT RANGE/PERF	ABS/TCS shift circuit is slow
CO 342		ABS/TCS BRAKE SW. CIRCUIT LOW INPUT	ABS/TCS Switch Circuit Low
CO 343		ABS/TCS BRAKE SW. CIRCUIT HIGH INPUT	ABS/TCS Switching Circuit High
CO 345		LOW BRAKE FLUID CIRCUIT MALFUNCTION	Low Brake Fluid Sensor Circuit Faulty
CO 346		LOW BRAKE FLUID CIRCUIT RANGE/PERF	Brake Fluid Level Sensor Circuit Not Working Correctly
CO 347		LOW BRAKE FLUID CIRCUIT LOW INPUT	Brake Fluid Level Sensor Circuit Low
CO 348		LOW BRAKE FLUID CIRCUIT HIGH INPUT	Brake Fluid Level Sensor Circuit High
CO 350		REAR SOL/MTR #1 CIRCUIT MALFUNCTION	Rear Solenoid/Actuator #1 Circuit Faulty
CO 351		REAR SOL/MTR #1 CIRCUIT RANGE/PERF	#1 rear solenoid/actuator circuit not working properly
CO 352		REAR SOL/MTR #1 CIRCUIT LOW INPUT	#1 rear solenoid/actuator circuit low
CO 353		REAR SOL/MTR #1 CIRCUIT HIGH INPUT	#1 Rear Solenoid/Actuator Circuit High
CO 355		THROTTLE REDUCT MTR CIRCUIT MALFUNCTION	Throttle Actuator Motor Circuit Faulty
CO 356		THROTTLE REDUCT MTR CIRCUIT RANGE/PERF	Throttle motor circuit not working properly
CO 357		THROTTLE REDUCT MTR CIRCUIT LOW INPUT	Throttle Actuator Motor Circuit Low
CO 358		THROTTLE REDUCT MTR CIRCUIT HIGH INPUT	Throttle motor circuit high
CO 360		SYSTEM PRESSURE CIRCUIT MALFUNCTION	Circuit of pressure measuring systems is faulty
CO 361		SYSTEM PRESSURE CIRCUIT RANGE/PERF	The pressure measurement circuit is not working correctly
CO 362		SYSTEM PRESSURE CIRCUIT LOW INPUT	Low level pressure measurement circuit
CO 363		SYSTEM PRESSURE CIRCUIT HIGH INPUT	High level pressure measurement circuit
CO 365		LATERAL ACCELEROMTR CIRCUIT MALFUNCTION	Lateral Acceleration Meter Circuit Faulty
CO 366		LATERAL ACCELEROMTR CIRCUIT RANGE/PERF	Lateral acceleration meter circuit not working properly
CO 367		LATERAL ACCELEROMTR CIRCUIT LOW INPUT	Lateral Acceleration Meter Circuit Low
CO 368		LATERAL ACCELEROMTR CIRCUIT HIGH INPUT	Lateral Acceleration Meter Circuit High
CO 370		YAW RATE CIRCUIT MALFUNCTION	Stability Sensor Circuit Faulty
CO 371		YAW RATE CIRCUIT RANGE/PERF	Stability sensor circuit not working properly
CO 372		YAW RATE CIRCUIT LOW INPUT	Stability Sensor Circuit Low
CO 373		YAW RATE CIRCUIT HIGH INPUT	Stability Sensor Circuit High
CO500		STEERING SOLENOID CIRCUIT MALFUNCTION	Solenoid solenoid (retractor relay) circuit is faulty

CO 501	STEEPING SOLENOID CIRCUIT RANGE/PERF	Retract solenoid circuit not working properly
CO 502	STEEPING SOLENOID CIRCUIT LOW INPUT	Pull solenoid circuit low
CO 503	STEEPING SOLENOID CIRCUIT HIGH INPUT	Pull-in solenoid circuit high
CO505	STEEPING POSITION SENSOR MALFUNCTION	
CO 506	STEEPING POSITION SENSOR RANGE/PERF	
CO507	STEEPING POSITION SENSOR LOW INPUT	
CO 508	STEEPING POSITION SENSOR HIGH INPUT	
CO 510	STEEPING CHANGE RATE SENSOR MALFUNCTION	
CO 511	STEEPING CHANGE RATE SENSOR RANGE/PERF	
CO512	STEEPING CHANGE RATE SENSOR LOW INPUT	
CO 513	STEEPING CHANGE RATE SENSOR HIGH INPUT	
CO 700	LF SOLENOID CIRCUIT MALFUNCTION	Left front solenoid circuit faulty
CO 701	LF SOLENOID CIRCUIT RANGE/PERF	Left front solenoid circuit not working properly
CO 702	LF SOLENOID CIRCUIT LOW INPUT	Left Front Solenoid Circuit Low
CO 703	LF SOLENOID CIRCUIT HIGH INPUT	Left Front Solenoid Circuit High
CO 705	RF SOLENOID CIRCUIT MALFUNCTION	Right front solenoid circuit is faulty
CO 706	RF SOLENOID CIRCUIT RANGE/PERF	Right front solenoid circuit not working properly
CO 707	RF SOLENOID CIRCUIT LOW INPUT	Right Front Solenoid Circuit Low
CO 708	RF SOLENOID CIRCUIT HIGH INPUT	Right Front Solenoid Circuit High
CO 710	LR SOLENOID CIRCUIT MALFUNCTION	Left Rear Solenoid Circuit Faulty
CO 711	LR SOLENOID CIRCUIT RANGE/PERF	Left rear solenoid circuit not working properly
CO 712	LR SOLENOID CIRCUIT LOW INPUT	Left Rear Solenoid Circuit Low
CO 713	LR SOLENOID CIRCUIT HIGH INPUT	Left Rear Solenoid Circuit High
CO 715	RR SOLENOID CIRCUIT MALFUNCTION	Right Rear Solenoid Circuit Faulty
CO 716	RR SOLENOID CIRCUIT RANGE/PERF	Right rear solenoid circuit not working properly
CO 717	RR SOLENOID CIRCUIT LOW INPUT	Right Rear Solenoid Circuit Low
CO 718	RR SOLENOID CIRCUIT HIGH INPUT	Right Rear Solenoid Circuit High
CO 720	LF ACCELEROMTR CIRCUIT MALFUNCTION	Left front accelerometer circuit is faulty
CO 721	LF ACCELEROMTR CIRCUIT RANGE/PERF	Left front accelerometer circuit not working properly
CO 722	LF ACCELEROMTR CIRCUIT LOW INPUT	Left front accelerometer circuit low
CO 723	LF ACCELEROMTR CIRCUIT HIGH INPUT	Left front accelerometer circuit high
CO 725	RF ACCELEROMTR CIRCUIT MALFUNCTION	Right front accelerometer circuit is faulty
CO 726	RF ACCELEROMTR CIRCUIT RANGE/PERF	Right front accelerometer circuit not working properly
CO 727	RF ACCELEROMTR CIRCUIT LOW INPUT	Right front accelerometer circuit low
CO 728	RF ACCELEROMTR CIRCUIT HIGH INPUT	Right front accelerometer circuit high
CO 730	LR ACCELEROMTR CIRCUIT MALFUNCTION	Left Rear Accelerometer Circuit Faulty
CO 731	LR ACCELEROMTR CIRCUIT RANGE/PERF	Left rear accelerometer circuit not working properly
CO 732	LR ACCELEROMTR CIRCUIT LOW INPUT	Left rear accelerometer circuit low
CO 733	LR ACCELEROMTR CIRCUIT HIGH INPUT	Left rear accelerometer circuit high
CO 735	RR ACCELEROMTR CIRCUIT MALFUNCTION	Right Rear Accelerometer Circuit Faulty
CO 736	RR ACCELEROMTR CIRCUIT RANGE/PERF	Right rear accelerometer circuit not working properly
CO 737	RR ACCELEROMTR CIRCUIT LOW INPUT	Right rear accelerometer circuit low
CO 738	RR ACCELEROMTR CIRCUIT HIGH INPUT	Right rear accelerometer circuit high
CO 740	LF POSITION SENSOR CIRCUIT MALFUNCTION	Left Front Position Sensor Circuit Faulty
CO 741	LF POSITION SENSOR CIRCUIT RANGE/PERF	Left front position sensor circuit not working properly
CO 742	LF POSITION SENSOR CIRCUIT LOW INPUT	Left Front Position Sensor Circuit Low
CO 743	LF POSITION SENSOR CIRCUIT HIGH INPUT	Left Front Position Sensor Circuit High
CO 745	RF POSITION SENSOR CIRCUIT MALFUNCTION	Right Front Position Sensor Circuit Faulty
CO 746	RF POSITION SENSOR CIRCUIT RANGE/PERF	Right Front Position Sensor Circuit Not Working Correctly
CO 747	RF POSITION SENSOR CIRCUIT LOW INPUT	Right Front Position Sensor Circuit Low
CO 748	RF POSITION SENSOR CIRCUIT HIGH INPUT	Right Front Position Sensor Circuit High
CO 750	LR POSITION SENSOR CIRCUIT MALFUNCTION	Left Rear Position Sensor Circuit Faulty
CO 751	LR POSITION SENSOR CIRCUIT RANGE/PERF	Left Rear Position Sensor Circuit Not Working Correctly
CO 752	LR POSITION SENSOR CIRCUIT LOW INPUT	Left Rear Position Sensor Circuit Low
CO 753	LR POSITION SENSOR CIRCUIT HIGH INPUT	Left rear position sensor circuit high
CO 755	RR POSITION SENSOR CIRCUIT MALFUNCTION	Right Rear Position Sensor Circuit Faulty
CO 756	RR POSITION SENSOR CIRCUIT RANGE/PERF	Right Rear Position Sensor Circuit Not Working Correctly
CO 757	RR POSITION SENSOR CIRCUIT LOW INPUT	Right Rear Position Sensor Circuit Low
CO 758	RR POSITION SENSOR CIRCUIT HIGH INPUT	Right Rear Position Sensor Circuit High
CO 758 RR P	POSITION SENSOR CIRCUIT HIGH INPUT	Right Rear Position Sensor Circuit High