

# Diagnostic Trouble Codes

GOFAR

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P2336	Cylinder 1 Above Knock Threshold	'Knocking' has been detected in cylinder 1 of your engine. This will require investigation and diagnostics by a mechanic. This problem may cause permanent engine damage if not resolved.	IGNITION / STARTING / ELECTRICITY	3	2
P2345	Cylinder 10 Above Knock Threshold	'Knocking' has been detected in cylinder 10 of your engine. This will require investigation and diagnostics by a mechanic. This problem may cause permanent engine damage if not resolved.	IGNITION / STARTING / ELECTRICITY	3	2
P2346	Cylinder 11 Above Knock Threshold	'Knocking' has been detected in cylinder 11 of your engine. This will require investigation and diagnostics by a mechanic. This problem may cause permanent engine damage if not resolved.	IGNITION / STARTING / ELECTRICITY	3	2
P2347	Cylinder 12 Above Knock Threshold	'Knocking' has been detected in cylinder 12 of your engine. This will require investigation and diagnostics by a mechanic. This problem may cause permanent engine damage if not resolved.	IGNITION / STARTING / ELECTRICITY	3	2
P2337	Cylinder 2 Above Knock Threshold	'Knocking' has been detected in cylinder 2 of your engine. This will require investigation and diagnostics by a mechanic. This problem may cause permanent engine damage if not resolved.	IGNITION / STARTING / ELECTRICITY	3	2

### DTC Severity and Urgency Legend:

<b>1</b>	Risk of crash or severe mechanical failure	Immediate action required
<b>2</b>	Risk of breakdown or engine failure	Resolve as soon as possible
<b>3</b>	Reduced performance and efficiency	Resolve within 1000 km
<b>4</b>	Reduced performance and efficiency	Resolve within 2000 km
<b>5</b>	Superficial problem	Resolve at next service / inspection

### Notes:

- If no Severity or Urgency score can be found in Lookup Table then leave field blank white (see UI designs for reference)
- If DTC Number is not found in the DTC Lookup table then GOFAR Description = "Unfortunately we cannot provide any further information on this error."
- If no GOFAR Description can be found in the Lookup Table then use DTC Naming as description.
- If DTC Naming = "ISO/SAE reserved" then GOFAR Description = "Unfortunately we cannot provide any further information on this error."
- In 'view history' use DTC Naming as description.
- In 'view history,' if DTC Number is not found in the DTC Lookup table then Description = "Unknown error." Where user has selected miles as distance units then urgency ratings 3 and 4 shall read 'Resolve within 1000 miles' and 'Resolve within 2000 miles' respectively. Where user has selected km as distance units then urgency ratings 3 and 4 shall read 'Resolve within 1000 km' and 'Resolve within 2000 km' respectively.

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DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P2338	Cylinder 3 Above Knock Threshold	'Knocking' has been detected in cylinder 3 of your engine. This will require investigation and diagnostics by a mechanic. This problem may cause permanent engine damage if not resolved.	IGNITION / STARTING / ELECTRICITY	3	2
P2339	Cylinder 4 Above Knock Threshold	'Knocking' has been detected in cylinder 4 of your engine. This will require investigation and diagnostics by a mechanic. This problem may cause permanent engine damage if not resolved.	IGNITION / STARTING / ELECTRICITY	3	2
P2340	Cylinder 5 Above Knock Threshold	'Knocking' has been detected in cylinder 5 of your engine. This will require investigation and diagnostics by a mechanic. This problem may cause permanent engine damage if not resolved.	IGNITION / STARTING / ELECTRICITY	3	2
P2341	Cylinder 6 Above Knock Threshold	'Knocking' has been detected in cylinder 6 of your engine. This will require investigation and diagnostics by a mechanic. This problem may cause permanent engine damage if not resolved.	IGNITION / STARTING / ELECTRICITY	3	2
P2342	Cylinder 7 Above Knock Threshold	'Knocking' has been detected in cylinder 7 of your engine. This will require investigation and diagnostics by a mechanic. This problem may cause permanent engine damage if not resolved.	IGNITION / STARTING / ELECTRICITY	3	2
P2343	Cylinder 8 Above Knock Threshold	'Knocking' has been detected in cylinder 8 of your engine. This will require investigation and diagnostics by a mechanic. This problem may cause permanent engine damage if not resolved.	IGNITION / STARTING / ELECTRICITY	3	2
P2344	Cylinder 9 Above Knock Threshold	'Knocking' has been detected in cylinder 9 of your engine. This will require investigation and diagnostics by a mechanic. This problem may cause permanent engine damage if not resolved.	IGNITION / STARTING / ELECTRICITY	3	2
U0100	Lost Communication With ECM/PCM "A"	A communication failure has occurred between your vehicle's electronic systems. This will require investigation and diagnostics by a mechanic. This problem may prevent your vehicle from starting.	ELECTRONICS	2	1

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0325	Knock Sensor 1 Circuit Bank 1 or Single Sensor	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P0326	Knock Sensor 1 Circuit Range/ Performance Bank 1 or Single Sensor	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P0327	Knock Sensor 1 Circuit Low Bank 1 or Single Sensor	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P0328	Knock Sensor 1 Circuit High Bank 1 or Single Sensor	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P0329	Knock Sensor 1 Circuit Intermittent Bank 1 or Single Sensor	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P032A	Knock Sensor 2 Circuit Bank 3	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P032B	Knock Sensor 2 Circuit Range/ Performance Bank 3	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P032C	Knock Sensor 2 Circuit Low Bank 3	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P032D	Knock Sensor 2 Circuit High Bank 3	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P032E	Knock Sensor 2 Circuit Intermittent Bank 3	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P0330	Knock Sensor 2 Circuit Bank 2	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P0331	Knock Sensor 2 Circuit Range/ Performance Bank 2	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P0332	Knock Sensor 2 Circuit Low Bank 2	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P0333	Knock Sensor 2 Circuit High Bank 2	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P0334	Knock Sensor 2 Circuit Intermittent Bank 2	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P033A	Knock Sensor 4 Circuit Bank 2	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P033B	Knock Sensor 4 Circuit Range/ Performance Bank 2	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P033C	Knock Sensor 4 Circuit Low Bank 2	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2

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DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P033D	Knock Sensor 4 Circuit High Bank 2	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P033E	Knock Sensor 4 Circuit Intermittent Bank 3	A fault has been detected with one of your engine's 'knock' sensors. This generally requires that the sensor be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	3	2
P0350	Ignition Coil Primary/ Secondary Circuit	A fault has been detected with one or more of your engine's ignition coils. This generally requires the coil(s) to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	2	1
P0351	Ignition Coil "A" Primary/Secondary Circuit	A fault has been detected with the ignition coil on cylinder 1. This generally requires the coil to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	2	1
P0360	Ignition Coil "J" Primary/Secondary Circuit	A fault has been detected with the ignition coil on cylinder 10. This generally requires the coil to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	2	1
P0361	Ignition Coil "K" Primary/Secondary Circuit	A fault has been detected with the ignition coil on cylinder 11. This generally requires the coil to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	2	1
P0362	Ignition Coil "L" Primary/Secondary Circuit	A fault has been detected with the ignition coil on cylinder 12. This generally requires the coil to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	2	1
P0352	Ignition Coil "B" Primary/Secondary Circuit	A fault has been detected with the ignition coil on cylinder 2. This generally requires the coil to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	2	1
P0353	Ignition Coil "C" Primary/Secondary Circuit	A fault has been detected with the ignition coil on cylinder 3. This generally requires the coil to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	2	1

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P0354	Ignition Coil "D" Primary/Secondary Circuit	A fault has been detected with the ignition coil on cylinder 4. This generally requires the coil to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	2	1
P0355	Ignition Coil "E" Primary/Secondary Circuit	A fault has been detected with the ignition coil on cylinder 5. This generally requires the coil to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	2	1
P0356	Ignition Coil "F" Primary/Secondary Circuit	A fault has been detected with the ignition coil on cylinder 6. This generally requires the coil to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	2	1
P0357	Ignition Coil "G" Primary/Secondary Circuit	A fault has been detected with the ignition coil on cylinder 7. This generally requires the coil to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	2	1
P0358	Ignition Coil "H" Primary/Secondary Circuit	A fault has been detected with the ignition coil on cylinder 8. This generally requires the coil to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	2	1
P0359	Ignition Coil "I" Primary/Secondary Circuit	A fault has been detected with the ignition coil on cylinder 9. This generally requires the coil to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	2	1
P0324	Knock Control System Error	A fault has been detected with your engine's 'knock' sensor system. This may require the system be serviced or replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	2	1
P0340	Camshaft Position Sensor "A" Circuit Bank 1 or Single Sensor	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0341	Camshaft Position Sensor "A" Circuit Range/Performance Bank 1 or Single Sensor	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1

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DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0342	Camshaft Position Sensor "A" Circuit Low Bank 1 or Single Sensor	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0343	Camshaft Position Sensor "A" Circuit High Bank 1 or Single Sensor	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0344	Camshaft Position Sensor "A" Circuit Intermittent Bank 1 or Single Sensor	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0345	Camshaft Position Sensor "A" Circuit Bank 2	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0346	Camshaft Position Sensor "A" Circuit Range/Performance Bank 2	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0347	Camshaft Position Sensor "A" Circuit Low Bank 2	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0348	Camshaft Position Sensor "A" Circuit High Bank 2	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0349	Camshaft Position Sensor "A" Circuit Intermittent Bank 2	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1



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DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0365	Camshaft Position Sensor "B" Circuit Bank 1	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0366	Camshaft Position Sensor "B" Circuit Range/Performance Bank 1	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0367	Camshaft Position Sensor "B" Circuit Low Bank 1	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0368	Camshaft Position Sensor "B" Circuit High Bank 1	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0369	Camshaft Position Sensor "B" Circuit Intermittent Bank 1	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0390	Camshaft Position Sensor "B" Circuit Bank 2	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0391	Camshaft Position Sensor "B" Circuit Range/Performance Bank 2	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0392	Camshaft Position Sensor "B" Circuit Low Bank 2	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1

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DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0393	Camshaft Position Sensor "B" Circuit High Bank 2	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0394	Camshaft Position Sensor "B" Circuit Intermittent Bank 2	A fault has been detected with your engine's camshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0339	Crankshaft Position Sensor "A" Circuit Intermittent	A fault has been detected with your engine's crankshaft position sensor. This may require the sensor to be replaced. This problem can cause significant engine performance issues.	IGNITION / STARTING / ELECTRICITY	2	1
P0315	Crankshaft Position System Variation Not Learned	A fault has been detected with your engine's crankshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0335	Crankshaft Position Sensor "A" Circuit	A fault has been detected with your engine's crankshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0336	Crankshaft Position Sensor "A" Circuit Range/Performance	A fault has been detected with your engine's crankshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0337	Crankshaft Position Sensor "A" Circuit Low	A fault has been detected with your engine's crankshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0338	Crankshaft Position Sensor "A" Circuit High	A fault has been detected with your engine's crankshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1

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P0385	Crankshaft Position Sensor "B" Circuit	A fault has been detected with your engine's crankshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0386	Crankshaft Position Sensor "B" Circuit Range/Performance	A fault has been detected with your engine's crankshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0387	Crankshaft Position Sensor "B" Circuit Low	A fault has been detected with your engine's crankshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0388	Crankshaft Position Sensor "B" Circuit High	A fault has been detected with your engine's crankshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0389	Crankshaft Position Sensor "B" Circuit Intermittent	A fault has been detected with your engine's crankshaft position sensor. This may require the sensor to be replaced. This problem can cause significant performance issues and may prevent your engine from starting.	IGNITION / STARTING / ELECTRICITY	2	1
P0100	Mass or Volume Air Flow "A" Circuit	A fault has been detected with your engine's Mass Air Flow (MAF) sensor. This generally requires that the sensor be cleaned or replaced. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2
P0101	Mass or Volume Air Flow "A" Circuit Range/Performance	A fault has been detected with your engine's Mass Air Flow (MAF) sensor. This generally requires that the sensor be cleaned or replaced. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2

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DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0102	Mass or Volume Air Flow "A" Circuit Low	A fault has been detected with your engine's Mass Air Flow (MAF) sensor. This generally requires that the sensor be cleaned or replaced. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2
P0103	Mass or Volume Air Flow "A" Circuit High	A fault has been detected with your engine's Mass Air Flow (MAF) sensor. This generally requires that the sensor be cleaned or replaced. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2
P0104	Mass or Volume Air Flow "A" Circuit Intermittent	A fault has been detected with your engine's Mass Air Flow (MAF) sensor. This generally requires that the sensor be cleaned or replaced. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2
P010A	Mass or Volume Air Flow "B" Circuit	A fault has been detected with your engine's Mass Air Flow (MAF) sensor. This generally requires that the sensor be cleaned or replaced. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2
P010B	Mass or Volume Air Flow "B" Circuit Range/Performance	A fault has been detected with your engine's Mass Air Flow (MAF) sensor. This generally requires that the sensor be cleaned or replaced. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2
P010C	Mass or Volume Air Flow "B" Circuit Low	A fault has been detected with your engine's Mass Air Flow (MAF) sensor. This generally requires that the sensor be cleaned or replaced. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2
P010D	Mass or Volume Air Flow "B" Circuit High	A fault has been detected with your engine's Mass Air Flow (MAF) sensor. This generally requires that the sensor be cleaned or replaced. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2

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P010E	Mass or Volume Air Flow "B" Circuit Intermittent/Erratic	A fault has been detected with your engine's Mass Air Flow (MAF) sensor. This generally requires that the sensor be cleaned or replaced. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2
P010F	Mass or Volume Air Flow Sensor A/B Correlation	A fault has been detected with your engine's Mass Air Flow (MAF) sensor. This generally requires that the sensor be cleaned or replaced. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2
C0083	Tire Pressure Monitor Malfunction Indicator (Subfault)	A fault has been detected with your tyre pressure monitoring system. Stop, check your tyre pressure and contact your mechanic.	TYRES	2	2
C0082	Brake System Malfunction Indicator (Subfault)	A general braking system malfunction has been detected. This will require immediate investigation by a mechanic. This problem may reduce the performance of your vehicle's brakes.	BRAKING	1	1
P0093	Fuel System Leak Detected - Large Leak	A large fuel leak has been detected. This will require immediate investigation by a mechanic.	FUELLING & INJECTION	1	1
C0049	Brake Fluid (Subfault)	A problem has been detected with your brake fluid. This will require immediate investigation by a mechanic. This may be caused by air or contamination. This problem may reduce the performance of your vehicle's brakes.	BRAKING	1	1
P0120	Throttle/Pedal Position Sensor/ Switch "A" Circuit	A problem has been detected with your car's accelerator pedal sensor. This generally requires the sensor to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0121	Throttle/Pedal Position Sensor/ Switch "A" Circuit Range/Performance	A problem has been detected with your car's accelerator pedal sensor. This generally requires the sensor to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	3	2

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P0122	Throttle/Pedal Position Sensor/ Switch "A" Circuit Low	A problem has been detected with your car's accelerator pedal sensor. This generally requires the sensor to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0123	Throttle/Pedal Position Sensor/ Switch "A" Circuit High	A problem has been detected with your car's accelerator pedal sensor. This generally requires the sensor to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0124	Throttle/Pedal Position Sensor/ Switch "A" Circuit Intermittent	A problem has been detected with your car's accelerator pedal sensor. This generally requires the sensor to be replaced. This problem can cause significant engine performance issues.	FUELLING & INJECTION	3	2
C0021	Brake Booster Performance (Subfault)	A problem has been detected with your car's braking system. This will require immediate investigation by a mechanic. This problem may reduce the performance of your vehicle's brakes.	BRAKING	1	1
C0022	Brake Booster Solenoid (Subfault)	A problem has been detected with your car's braking system. This will require immediate investigation by a mechanic. This problem may reduce the performance of your vehicle's brakes.	BRAKING	1	1
P0513	Incorrect Immobilizer Key	A problem has been detected with your car's immobilizer key. This will require investigation and diagnostics by a mechanic. This problem may prevent the engine from starting.	STARTER	2	1
P0817	Starter Disable Circuit/Open	A problem has been detected with your car's starter motor. This will require investigation and diagnostics by a mechanic. Permanent damage may occur if this issue is not resolved.	STARTER	2	1
P0011	"A" Camshaft Position - Timing Over-Advanced or System Performance Bank 1	A problem has been detected with your engine's camshaft timing actuator. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance and may cause starting difficulties.		3	2

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DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0012	"A" Camshaft Position - Timing Over-Retarded Bank 1	A problem has been detected with your engine's camshaft timing actuator. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance and may cause starting difficulties.		3	2
P0014	"B" Camshaft Position - Timing Over-Advanced or System Performance Bank 1	A problem has been detected with your engine's camshaft timing actuator. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance and may cause starting difficulties.		3	2
P0015	"B" Camshaft Position - Timing Over-Retarded Bank 1	A problem has been detected with your engine's camshaft timing actuator. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance and may cause starting difficulties.		3	2
P0021	"A" Camshaft Position - Timing Over-Advanced or System Performance Bank 2	A problem has been detected with your engine's camshaft timing actuator. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance and may cause starting difficulties.		3	2
P0022	"A" Camshaft Position - Timing Over-Retarded Bank 2	A problem has been detected with your engine's camshaft timing actuator. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance and may cause starting difficulties.		3	2
P0024	"B" Camshaft Position - Timing Over-Advanced or System Performance Bank 2	A problem has been detected with your engine's camshaft timing actuator. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance and may cause starting difficulties.		3	2
P0025	"B" Camshaft Position - Timing Over-Retarded Bank 2	A problem has been detected with your engine's camshaft timing actuator. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance and may cause starting difficulties.		3	2

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0010	"A" Camshaft Position Actuator Circuit / Open Bank 1	A problem has been detected with your engine's camshaft timing actuator. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance.		3	2
P0013	"B" Camshaft Position - Actuator Circuit / Open Bank 1	A problem has been detected with your engine's camshaft timing actuator. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance.		3	2
P0020	"A" Camshaft Position Actuator Circuit / Open Bank 2	A problem has been detected with your engine's camshaft timing actuator. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance.		3	2
P0023	"B" Camshaft Position - Actuator Circuit / Open Bank 2	A problem has been detected with your engine's camshaft timing actuator. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance.		3	2
P0115	Engine Coolant Temperature Sensor 1 Circuit	A problem has been detected with your engine's coolant temperature sensor. This generally requires that the sensor be replaced. This problem may cause the engine to run very poorly.	COOLING	2	1
P0116	Engine Coolant Temperature Sensor 1 Circuit Range/Performance	A problem has been detected with your engine's coolant temperature sensor. This generally requires that the sensor be replaced. This problem may cause the engine to run very poorly.	COOLING	2	1
P0117	Engine Coolant Temperature Sensor 1 Circuit Low	A problem has been detected with your engine's coolant temperature sensor. This generally requires that the sensor be replaced. This problem may cause the engine to run very poorly.	COOLING	2	1
P0118	Engine Coolant Temperature Sensor 1 Circuit High	A problem has been detected with your engine's coolant temperature sensor. This generally requires that the sensor be replaced. This problem may cause the engine to run very poorly.	COOLING	2	1



## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0119	Engine Coolant Temperature Sensor 1 Circuit Intermittent	A problem has been detected with your engine's coolant temperature sensor. This generally requires that the sensor be replaced. This problem may cause the engine to run very poorly.	COOLING	2	1
P011A	Engine Coolant Temperature Sensor 1/2 Correlation	A problem has been detected with your engine's coolant temperature sensor. This generally requires that the sensor be replaced. This problem may cause the engine to run very poorly.	COOLING	4	2
P0526	Fan Speed Sensor Circuit	A problem has been detected with your engine's cooling fan. This will require investigation and diagnostics by a mechanic. This problem may lead to engine overheating.	COOLING	2	3
P0201	Injector Circuit/ Open - Cylinder 1	A problem has been detected with your engine's fuel injector on cylinder 1. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0261	Cylinder 1 Injector Circuit Low	A problem has been detected with your engine's fuel injector on cylinder 1. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0262	Cylinder 1 Injector Circuit High	A problem has been detected with your engine's fuel injector on cylinder 1. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0210	Injector Circuit/ Open - Cylinder 10	A problem has been detected with your engine's fuel injector on cylinder 10. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0288	Cylinder 10 Injector Circuit Low	A problem has been detected with your engine's fuel injector on cylinder 10. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0289	Cylinder 10 Injector Circuit High	A problem has been detected with your engine's fuel injector on cylinder 10. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0211	Injector Circuit/ Open - Cylinder 11	A problem has been detected with your engine's fuel injector on cylinder 11. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0291	Cylinder 11 Injector Circuit Low	A problem has been detected with your engine's fuel injector on cylinder 11. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0292	Cylinder 11 Injector Circuit High	A problem has been detected with your engine's fuel injector on cylinder 11. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0212	Injector Circuit/ Open - Cylinder 12	A problem has been detected with your engine's fuel injector on cylinder 12. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0294	Cylinder 12 Injector Circuit Low	A problem has been detected with your engine's fuel injector on cylinder 12. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0295	Cylinder 12 Injector Circuit High	A problem has been detected with your engine's fuel injector on cylinder 12. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0202	Injector Circuit/ Open - Cylinder 2	A problem has been detected with your engine's fuel injector on cylinder 2. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0264	Cylinder 2 Injector Circuit Low	A problem has been detected with your engine's fuel injector on cylinder 2. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0265	Cylinder 2 Injector Circuit High	A problem has been detected with your engine's fuel injector on cylinder 2. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0203	Injector Circuit/ Open - Cylinder 3	A problem has been detected with your engine's fuel injector on cylinder 3. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0267	Cylinder 3 Injector Circuit Low	A problem has been detected with your engine's fuel injector on cylinder 3. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0268	Cylinder 3 Injector Circuit High	A problem has been detected with your engine's fuel injector on cylinder 3. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0204	Injector Circuit/Open - Cylinder 4	A problem has been detected with your engine's fuel injector on cylinder 4. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0270	Cylinder 4 Injector Circuit Low	A problem has been detected with your engine's fuel injector on cylinder 4. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0271	Cylinder 4 Injector Circuit High	A problem has been detected with your engine's fuel injector on cylinder 4. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0205	Injector Circuit/ Open - Cylinder 5	A problem has been detected with your engine's fuel injector on cylinder 5. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0273	Cylinder 5 Injector Circuit Low	A problem has been detected with your engine's fuel injector on cylinder 5. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0274	Cylinder 5 Injector Circuit High	A problem has been detected with your engine's fuel injector on cylinder 5. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0206	Injector Circuit/ Open - Cylinder 6	A problem has been detected with your engine's fuel injector on cylinder 6. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0276	Cylinder 6 Injector Circuit Low	A problem has been detected with your engine's fuel injector on cylinder 6. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0277	Cylinder 6 Injector Circuit High	A problem has been detected with your engine's fuel injector on cylinder 6. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0207	Injector Circuit/ Open - Cylinder 7	A problem has been detected with your engine's fuel injector on cylinder 7. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0279	Cylinder 7 Injector Circuit Low	A problem has been detected with your engine's fuel injector on cylinder 7. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0280	Cylinder 7 Injector Circuit High	A problem has been detected with your engine's fuel injector on cylinder 7. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0208	Injector Circuit/ Open - Cylinder 8	A problem has been detected with your engine's fuel injector on cylinder 8. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0282	Cylinder 8 Injector Circuit Low	A problem has been detected with your engine's fuel injector on cylinder 8. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0283	Cylinder 8 Injector Circuit High	A problem has been detected with your engine's fuel injector on cylinder 8. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0209	Injector Circuit/ Open - Cylinder 9	A problem has been detected with your engine's fuel injector on cylinder 9. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0285	Cylinder 9 Injector Circuit Low	A problem has been detected with your engine's fuel injector on cylinder 9. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0286	Cylinder 9 Injector Circuit High	A problem has been detected with your engine's fuel injector on cylinder 9. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0200	Injector Circuit/Open	A problem has been detected with your engine's fuel injector. This generally requires that the injector to be replaced. This problem may cause significant engine performance issues along with poor fuel economy.	FUELLING & INJECTION	3	2
P0001	Fuel Volume Regulator Control Circuit/Open	A problem has been detected with your engine's fuel regulator. This will require investigation and diagnostics by a mechanic. This problem may cause starting difficulties.	FUELLING & INJECTION	3	2
P06D1	Internal Control Module Ignition Coil Control Performance	A problem has been detected with your engine's ignition control module. This will require investigation and diagnostics by a mechanic. This problem may reduce engine performance.	FUELLING & INJECTION	2	1
P0095	Intake Air Temperature Sensor 2 Circuit	A problem has been detected with your engine's intake air temperature sensor. If this problem persists the sensor may need to be replaced. There may be no obvious symptoms associated with this problem.		4	4

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0096	Intake Air Temperature Sensor 2 Circuit Range/Performance	A problem has been detected with your engine's intake air temperature sensor. If this problem persists the sensor may need to be replaced. There may be no obvious symptoms associated with this problem.		4	4
P0097	Intake Air Temperature Sensor 2 Circuit Low	A problem has been detected with your engine's intake air temperature sensor. If this problem persists the sensor may need to be replaced. There may be no obvious symptoms associated with this problem.		4	4
P0098	Intake Air Temperature Sensor 2 Circuit High	A problem has been detected with your engine's intake air temperature sensor. If this problem persists the sensor may need to be replaced. There may be no obvious symptoms associated with this problem.		4	4
P0099	Intake Air Temperature Sensor 2 Circuit Intermittent/Erratic	A problem has been detected with your engine's intake air temperature sensor. If this problem persists the sensor may need to be replaced. There may be no obvious symptoms associated with this problem.		4	4
P0110	Intake Air Temperature Sensor 1 Circuit	A problem has been detected with your engine's intake air temperature sensor. If this problem persists the sensor may need to be replaced. There may be no obvious symptoms associated with this problem.		4	4
P0111	Intake Air Temperature Sensor 1 Circuit Range/Performance	A problem has been detected with your engine's intake air temperature sensor. If this problem persists the sensor may need to be replaced. There may be no obvious symptoms associated with this problem.		4	4
P0112	Intake Air Temperature Sensor 1 Circuit Low	A problem has been detected with your engine's intake air temperature sensor. If this problem persists the sensor may need to be replaced. There may be no obvious symptoms associated with this problem.		4	4
P0113	Intake Air Temperature Sensor 1 Circuit High	A problem has been detected with your engine's intake air temperature sensor. If this problem persists the sensor may need to be replaced. There may be no obvious symptoms associated with this problem.		4	4

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0114	Intake Air Temperature Sensor 1 Circuit Intermittent	A problem has been detected with your engine's intake air temperature sensor. If this problem persists the sensor may need to be replaced. There may be no obvious symptoms associated with this problem.		4	4
P06B6	Internal Control Module Knock Sensor Processor 1 Performance	A problem has been detected with your engine's knock sensor processing unit. This will require investigation and diagnostics by a mechanic. This problem may reduce engine performance.	IGNITION / STARTING / ELECTRICITY	4	2
P06B7	Internal Control Module Knock Sensor Processor 2 Performance	A problem has been detected with your engine's knock sensor processing unit. This will require investigation and diagnostics by a mechanic. This problem may reduce engine performance.	IGNITION / STARTING / ELECTRICITY	4	2
P0105	Manifold Absolute Pressure/Barometric Pressure Circuit	A problem has been detected with your engine's Manifold Air Pressure (MAP) sensor. If this problem persists a new sensor may be required. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2
P0106	Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance	A problem has been detected with your engine's Manifold Air Pressure (MAP) sensor. If this problem persists a new sensor may be required. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2
P0107	Manifold Absolute Pressure/Barometric Pressure Circuit Low	A problem has been detected with your engine's Manifold Air Pressure (MAP) sensor. If this problem persists a new sensor may be required. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2
P0108	Manifold Absolute Pressure/Barometric Pressure Circuit High	A problem has been detected with your engine's Manifold Air Pressure (MAP) sensor. If this problem persists a new sensor may be required. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2



## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0109	Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent	A problem has been detected with your engine's Manifold Air Pressure (MAP) sensor. If this problem persists a new sensor may be required. This problem may cause a reduction in engine performance, poor starting and poor fuel economy.	FUELLING & INJECTION	3	2
P0520	Engine Oil Pressure Sensor/Switch Circuit	A problem has been detected with your engine's oil pressure sensor. This generally requires that the sensor be replaced. This problem may mask other more serious issues if not resolved.	ENGINE LUBRICATION	2	2
P0521	Engine Oil Pressure Sensor/Switch Range/Performance	A problem has been detected with your engine's oil pressure sensor. This generally requires that the sensor be replaced. This problem may mask other more serious issues if not resolved.	ENGINE LUBRICATION	2	2
P0522	Engine Oil Pressure Sensor/Switch Low	A problem has been detected with your engine's oil pressure sensor. This generally requires that the sensor be replaced. This problem may mask other more serious issues if not resolved.	ENGINE LUBRICATION	2	2
P0523	Engine Oil Pressure Sensor/Switch High	A problem has been detected with your engine's oil pressure sensor. This generally requires that the sensor be replaced. This problem may mask other more serious issues if not resolved.	ENGINE LUBRICATION	2	2
P055A	Engine Oil Pressure Sensor/Switch Circuit "B"	A problem has been detected with your engine's oil pressure sensor. This generally requires that the sensor be replaced. This problem may mask other more serious issues if not resolved.	ENGINE LUBRICATION	2	2
P055B	Engine Oil Pressure Sensor/Switch "B" Range/Performance	A problem has been detected with your engine's oil pressure sensor. This generally requires that the sensor be replaced. This problem may mask other more serious issues if not resolved.	ENGINE LUBRICATION	2	2
P055C	Engine Oil Pressure Sensor/Switch "B" Low	A problem has been detected with your engine's oil pressure sensor. This generally requires that the sensor be replaced. This problem may mask other more serious issues if not resolved.	ENGINE LUBRICATION	2	2
P056D	Engine Oil Pressure Sensor/Switch "B" High	A problem has been detected with your engine's oil pressure sensor. This generally requires that the sensor be replaced. This problem may mask other more serious issues if not resolved.	ENGINE LUBRICATION	2	2

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0512	Starter Request Circuit	A problem has been detected with your engine's starter request circuit. This will require investigation and diagnostics by a mechanic. This problem may cause starting difficulties.	STARTER	2	1
P00B1	Radiator Coolant Temperature Sensor Circuit	A problem has been detected with your engine's temperature sensor. This generally requires that the sensor be replaced. This problem may mask other more serious issues if not resolved.	COOLING	2	1
P0094	Fuel System Leak Detected - Small Leak	A small fuel leak has been detected. This will require immediate investigation by a mechanic.	FUELLING & INJECTION	1	1
P0148	Fuel Delivery Error	An issue has been detected with your car's fuel delivery system. This will require investigation and diagnostics by a mechanic. If not resolved this can lead to significant performance problems and engine damage.	FUELLING & INJECTION	3	2
P0231	Fuel Pump Secondary Circuit Low	An issue has been detected with your car's fuel pump system. This will require investigation and diagnostics by a mechanic. This problem can significantly affect performance and may cause your engine to stall.	FUELLING & INJECTION	3	2
P0232	Fuel Pump Secondary Circuit High	An issue has been detected with your car's fuel pump system. This will require investigation and diagnostics by a mechanic. This problem can significantly affect performance and may cause your engine to stall.	FUELLING & INJECTION	3	2
P0233	Fuel Pump Secondary Circuit Intermittent	An issue has been detected with your car's fuel pump system. This will require investigation and diagnostics by a mechanic. This problem can significantly affect performance and may cause your engine to stall.	FUELLING & INJECTION	3	2
P0230	Fuel Pump Primary Circuit	An issue has been detected with your car's fuel pump system. This will require investigation and diagnostics by a mechanic. This problem can significantly affect performance and may prevent your engine from starting.	FUELLING & INJECTION	3	2

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0620	Generator Control Circuit	An issue has been detected with your car's generator. This will require investigation and diagnostics by a mechanic. This problem may lead to a dead battery.	BELTS/STARTER	2	1
P0621	Generator Lamp/ L Terminal Circuit	An issue has been detected with your car's generator. This will require investigation and diagnostics by a mechanic. This problem may lead to a dead battery.	BELTS/STARTER	3	2
P0622	Generator Field/ F Terminal Circuit	An issue has been detected with your car's generator. This will require investigation and diagnostics by a mechanic. This problem may lead to a dead battery.	BELTS/STARTER	3	2
P0623	Generator Lamp Control Circuit	An issue has been detected with your car's generator. This will require investigation and diagnostics by a mechanic. This problem may lead to a dead battery.	BELTS/STARTER	3	2
P0625	Generator Field/ F Terminal Circuit Low	An issue has been detected with your car's generator. This will require investigation and diagnostics by a mechanic. This problem may lead to a dead battery.	STARTER	2	1
P0626	Generator Field/ F Terminal Circuit High	An issue has been detected with your car's generator. This will require investigation and diagnostics by a mechanic. This problem may lead to a dead battery.	STARTER	2	1
P063A	Generator Voltage Sense Circuit	An issue has been detected with your car's generator. This will require investigation and diagnostics by a mechanic. This problem may lead to a dead battery.	BELTS/STARTER	3	2
P063B	Generator Voltage Sense Circuit Range/Performance	An issue has been detected with your car's generator. This will require investigation and diagnostics by a mechanic. This problem may lead to a dead battery.	STARTER	3	2
P063C	Generator Voltage Sense Circuit Low	An issue has been detected with your car's generator. This will require investigation and diagnostics by a mechanic. This problem may lead to a dead battery.	STARTER	3	2

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P063D	Generator Voltage Sense Circuit High	An issue has been detected with your car's generator. This will require investigation and diagnostics by a mechanic. This problem may lead to a dead battery.	STARTER	3	2
P065A	Generator System Performance	An issue has been detected with your car's generator. This will require investigation and diagnostics by a mechanic. This problem may lead to a dead battery.	BELTS	2	2
P0217	Engine Coolant Over Temperature Condition	Engine over temperature detected. Stop! Allow to cool and check cooling fluid level. If this problem persists a mechanic will be needed to diagnose the problem. This problem can cause engine failure if not resolved.	COOLING	2	1
P049C	Exhaust Gas Recirculation "B" Excessive Flow Detected	Excessive exhaust gas recirculation flow has been detected in your engine. This is usually caused by air leaks within the engine. This problem can cause excessive emissions.		3	2
P0169	Incorrect Fuel Composition	Incorrect fuel type has been detected. Stop and contact your mechanic. This problem can cause permanent engine damage if not resolved.	FUELLING & INJECTION	1	1
P049B	Exhaust Gas Recirculation "B" Insufficient Flow Detected	Insufficient exhaust gas recirculation flow has been detected. This problem commonly occurs with turbo diesel engines and is usually caused by a carbon build up. This problem can cause significant performance issues	FUELLING & INJECTION	3	2
P0087	Fuel Rail/System Pressure - Too Low	Low fuel pressure has been detected. Your fuel pressure may be too low to deliver sufficient fuel flow to your engine. This may be caused by a failed or dirty fuel pump. This problem can cause significant performance issues.	FUELLING & INJECTION	3	2
P0088	Fuel Rail/System Pressure - Too High	Low fuel pressure has been detected. Your fuel pressure may be too low to deliver sufficient fuel flow to your engine. This may be caused by a failed or dirty fuel pump. This problem can cause significant performance issues.	FUELLING & INJECTION	3	2

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P008A	Low Pressure Fuel System Pressure - Too Low	Low fuel pressure has been detected. Your fuel pressure may be too low to deliver sufficient fuel flow to your engine. This may be caused by a failed or dirty fuel pump. This problem can cause significant performance issues.	FUELLING & INJECTION	3	2
C0077	Low Tire Pressure (Subfault)	Low tyre pressure has been detected on one or more tyres. Stop and check your tyre pressure.	TYRES	2	2
P0313	Misfire Detected With Low Fuel	Misfires have been detected along with a low fuel level. Refueling the vehicle can often resolve this issue. If the problem persists diagnostics by a mechanic will be required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	2	1
P0316	Engine Misfire Detected on Startup (First 1000 Revolutions)	Misfires have been detected during startup. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0314	Single Cylinder Misfire (Cylinder not Specified)	Misfires have been detected in one cylinder. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0301	Cylinder 1 Misfire Detected	Misfires have been detected on cylinder 1. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0310	Cylinder 10 Misfire Detected	Misfires have been detected on cylinder 10. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0311	Cylinder 11 Misfire Detected	Misfires have been detected on cylinder 11. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0312	Cylinder 12 Misfire Detected	Misfires have been detected on cylinder 12. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0302	Cylinder 2 Misfire Detected	Misfires have been detected on cylinder 2. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0303	Cylinder 3 Misfire Detected	Misfires have been detected on cylinder 3. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0304	Cylinder 4 Misfire Detected	Misfires have been detected on cylinder 4. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0305	Cylinder 5 Misfire Detected	Misfires have been detected on cylinder 5. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0306	Cylinder 6 Misfire Detected	Misfires have been detected on cylinder 6. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0307	Cylinder 7 Misfire Detected	Misfires have been detected on cylinder 7. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0308	Cylinder 8 Misfire Detected	Misfires have been detected on cylinder 8. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P0309	Cylinder 9 Misfire Detected	Misfires have been detected on cylinder 9. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0363	Misfire Detected - Fueling Disabled	One or more cylinders have been deactivated due to detection of misfires. This will require immediate investigation by a mechanic. This problem may cause significant engine performance issues.	FUELLING & INJECTION	2	1
P0300	Random/Multiple Cylinder Misfire Detected	Random multiple misfires have been detected. There are a number of things that can cause this to occur so diagnostics by a mechanic is generally required. This problem may cause significant engine performance issues.	FUELLING & INJECTION	3	2
P0524	Engine Oil Pressure Too Low	Stop and check your oil! Your engine oil pressure is too low. This problem may be caused by low oil level or use of incorrect oil. This problem can quickly lead to engine failure if not resolved.	ENGINE LUBRICATION	2	1
P0016	Crankshaft Position - Camshaft Position Correlation Bank 1 Sensor A	Your engine's crankshaft and camshaft are out of synchronisation. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance and lead to engine failure.	IGNITION / STARTING / ELECTRICITY	2	2
P0017	Crankshaft Position - Camshaft Position Correlation Bank 1 Sensor B	Your engine's crankshaft and camshaft are out of synchronisation. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance and lead to engine failure.	IGNITION / STARTING / ELECTRICITY	2	2
P0018	Crankshaft Position - Camshaft Position Correlation Bank 2 Sensor A	Your engine's crankshaft and camshaft are out of synchronisation. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance and lead to engine failure.	IGNITION / STARTING / ELECTRICITY	2	2
P0019	Crankshaft Position - Camshaft Position Correlation Bank 2 Sensor B	Your engine's crankshaft and camshaft are out of synchronisation. This will require investigation and diagnostics by a mechanic. This problem can cause significantly reduced performance and lead to engine failure.	IGNITION / STARTING / ELECTRICITY	2	2

## Diagnostic Trouble Codes

DTC#	DTC Naming	GOFAR Description	Applicable System	Severity	Urgency
P042F	Exhaust gas recirculation (EGR) valve actuator A - actuator stuck closed	Your engine's exhaust gas recirculation valve is stuck closed. This will require investigation and diagnostics by a mechanic. This problem can affect your engine's cold starting performance and increase emissions.	FUELLING & INJECTION	3	2
P045F	Exhaust gas recirculation (EGR) valve actuator B - actuator stuck closed	Your engine's exhaust gas recirculation valve is stuck closed. This will require investigation and diagnostics by a mechanic. This problem can affect your engine's cold starting performance and increase emissions.	FUELLING & INJECTION	3	2
P042E	Exhaust gas recirculation (EGR) valve actuator A - actuator stuck open	Your engine's exhaust gas recirculation valve is stuck open. This will require investigation and diagnostics by a mechanic. This problem can significantly reduce your engine's performance.	FUELLING & INJECTION	3	2
P045E	Exhaust gas recirculation (EGR) valve actuator B - actuator stuck open	Your engine's exhaust gas recirculation valve is stuck open. This will require investigation and diagnostics by a mechanic. This problem can significantly reduce your engine's performance.	FUELLING & INJECTION	3	2