

## User Instructions



**Date:** May 26, 2003  
**Model:** Prt. # OBD II 5500 – Scan Tool  
**Topic:** Using the OBD II 5500 – Scan Tool

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The following are instructions for using the OBD II 5500 scan tool with your Westward Industries GO-4 Interceptor II.

### Connecting the OBD II 5500

1. Loosen (2) screws holding RH Dash Inspection Panel (hour meter & LTI panel)
2. Slide panel upwards to clear screws and allow it to lean forward
3. OBD II connector should be tucked in this compartment
4. Connect the cable to the vehicle connector
5. Turn ignition to the “ON” position
6. Select “Hyundai” from the manufacturers list

**\*\*Special Note:** The following “DTCs” (Diagnostic Trouble Code) may be stored/pending in the vehicle’s ECM (Engine Control Module) from the manufacturer:

<u>DTC</u>	<u>Description</u>	<u>Reason</u>
P1623	MIL (Malfunction Indicator Lamp) Open/Short	Vehicle does not have a “Check Engine Light” installed
P0300	Random Misfire Detected	Code will appear if governor has been activated
P0301	Cylinder 1 Misfire Detected	Code will appear if governor has been activated
P0304	Cylinder 4 Misfire Detected	Code will appear if governor has been activated

Please see Westward Industries GO-4 Interceptor II Service Manual for a list of common DTCs. The list is shown on pages 207 & 208. If a DTC comes up with “**Pxxxx**” and “**Unknown Fault**” refer to these pages to verify the description of the trouble code.

*OBD II 5500 scan tool will also work on 1996 –2001 GO-4 Interceptor. Instructions and adapter to follow at a later date.*

## DIAGNOSTIC TROUBLE CODES

[ EOBD, BOSCH EMS ] Fault Code No.	Comment	Component	MIL on
P0105	MAP sensor malfunction	MAP Sensor	Yes
P0112	Intake air temp. circuit low input	Intake Air Temperature Sensor	Yes
P0113	Intake air temp. circuit high input		
P0116	Eng.coolant temp.circuit range	Engine Coolant Temperature Sensor	Yes
P0117	Eng.coolant temp.circuit low input		
P0118	Eng.coolant temp.circuit high input		
P0121	TPS circuit range (TPS voltage does not agree with MAF sensor)	Throttle Position Sensor	No
P0122	TPS circuit low input		Yes
P0123	TPS circuit high input		
P0130	O2 sensor circuit malfunction	Upstream Oxygen Sensor	Yes
P0131	O2 sensor circuit low voltage		
P0132	O2 sensor circuit high voltage		
P0133	O2 sensor circuit slow response		
P0134	O2 sensor circuit no activity detected		
P0135	O2 sensor heater circuit malfunction		
P0136	O2 sensor circuit malfunction	Downstream Oxygen Sensor Heater	Yes
P0137	O2 sensor circuit low voltage		
P0138	O2 sensor circuit high voltage		
P0141	O2 sensor heater circuit malfunction	Downstream Oxygen Sensor	Yes
P0201	Injector cyl. 1, circuit malfunction	Injector	Yes
P0202	Injector cyl. 2, circuit malfunction		
P0203	Injector cyl. 3, circuit malfunction		
P0204	Injector cyl. 4, circuit malfunction		
P0230	Fuel pump relay malfunction	Fuel Pump Relay	No
P0300	Random misfire detected	Catalyst damage (you should repair immediately)	Yes and Blinking
P0301	Cylinder 1 misfire detected		
P0302	Cylinder 2 misfire detected		
P0303	Cylinder 3 misfire detected		
P0304	Cylinder 4 misfire detected		
P0326	Knock sensor circuit range	Knock Sensor	No
P0335	Crankshaft position sensor circuit malfunction	Crankshaft Position Sensor	Yes
P0336	Crankshaft position sensor circuit range Random		
P0342	Camshaft position sensor circuit low input	Camshaft Position Sensor	Yes
P0343	Camshaft position sensor circuit high input		

P0422	Manifold catalyst efficiency, below threshold	Catalyst	Yes
P0444	Purge control valve circuit open	Evaporative Emission Control System	Yes
P0445	Purge control valve circuit shorted		
P0501	Vehicle speed sensor range	Vehicle Speed Sensor	Yes
P0506	Idle rpm lower than expected	Idle Control Valve	Yes
P0507	Idle rpm higher than expected		
P0562	System voltage low	Alternator	Yes
P0563	System voltage high		
P0606	Internal control module ROM error	ECM	Yes
P1123	Long term fuel trim additive air, system too rich	Fuel System	Yes
P1124	Long term fuel trim additive, air system too lean		
P1127	Long term fuel trim multiplicative, system too rich		
P1128	Long term fuel trim multiplicative, system too lean		
P1510	Idle control valve opening coil circuit shorted	Idle Control Valve	Yes
P1513	Idle control valve opening coil circuit open		
P1552	Idle control valve closing coil circuit shorted		
P1553	Idle control valve closing coil circuit open		
P1529	Transmission Control Module error code	TCM	Yes
P1586	Encoding signal circuit not rational	MT/AT Encoding	Yes
P1605	Acceleration sensor circuit malfunction	Acceleration Sensor	Yes
P1606	Acceleration sensor not rational		
P1611	MIL request signal circuit low input	MIL-on Request Line	Yes
P1613	MIL request signal circuit high input		
P1610	SMATRA error	Immobilizer	No
P1800	Antenna error		
P1801	Transponder error		
P1803	ECU signal error		
P1805	EEPROM error		
P1624	Radiator Fan low	Radiator Fan	Yes
P1625	Radiator Fan high		
P1765	Torque reduction signal malfunction	-	No