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Running Monitor Tests

— Uncovering the Mysteries —

— with Rick Escalambre

Delphi

IUMPR Counter Numerator	Controlling Monitor
Catalyst Monitoring Bank 1	P0420
Catalyst Monitoring Bank 12	P0430
O2 Sensor Monitoring Bank 1	P0133
O2 Sensor Monitoring Bank 2	P0153
EGR and/or VVT System Monitoring	
EGR (if supported)	P0400/P0401
VVT (if supported)	P0011/P0012/P0014/P0015 P0021/P0022/P0024/P0025
EVAP Monitoring	
0.020" monitoring (California)	P0456
0.040" monitoring (Federal)	P0442
0.150" monitoring (HD OBD)	P0455
AIR Monitoring	P0410/P0491/P2448
Secondary O2 Sensor Monitoring Bank 1	P013A/P013E
Secondary O2 Sensor Monitoring Bank 2	P013C/P014A

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ECU ID : $E8
OBD Monitoring Conditions : 2102
Ignition Cycle Counter (Engine Starts) : 2908
Catalyst Monitor Bank 1 Completions : 506
Catalyst Monitor Bank 1 Conditions : 745
Catalyst Monitor Bank 2 Completions : 0
Catalyst Monitor Bank 2 Conditions : 0
O2 Sensor Monitor Bank 1 Completions : 950
O2 Sensor Monitor Bank 1 Conditions : 745
O2 Sensor Monitor Bank 2 Completions : 0
O2 Sensor Monitor Bank 2 Conditions : 0
EGR and/or VVT Monitor Completions : 464
EGR and/or VVT Monitor Conditions : 745
Secondary Air Monitor Completions : 0
Secondary Air Monitor Conditions : 0
EVAP Monitor Completions : 51
EVAP Monitor Conditions : 200
Secondary O2 Sensor Monitor Bank 1 Completions : 0
Secondary O2 Sensor Monitor Bank 1 Conditions : 0
Secondary O2 Sensor Monitor Bank 2 Completions : 0
Secondary O2 Sensor Monitor Bank 2 Conditions : 0

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ECU ID : $E8
OBD Monitoring Conditions : 2102
Ignition Cycle Counter (Engine Starts) : 6191
EVAP Monitor Completions : 1066
EVAP Monitor Conditions : 700

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ECU ID : $E8
OBD Monitoring Conditions : 2102
Ignition Cycle Counter (Engine Starts) : 6192
EVAP Monitor Completions : 1066
EVAP Monitor Conditions : 700

```

- Master the Art of Running Monitor Tests
- Identify Enabling Criteria and Blocking Conditions
- Parallel vs. Series Monitor Tests
- Critical Enabling Factors - Exhaust Time, Filtering, and Test Time
- Ensure Accurate Repairs with Proper Verification
- Grouping PIDs for Effective Monitor Troubleshooting
- Gain Real-World Knowledge to Enhance Diagnostic Skills

MON-TUE 05/12-13/2025 - 6pm – 8pm (PDT)

Class Code: OLT448 Cost: \$150



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