

sierra research



Report No. SR2008-12-01

# **Motor Vehicle Inspection and Maintenance (I/M) Programs in the United States and Canada**

December 2008

prepared by:

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# ARIZONA

PROGRAM AREAS – PHOENIX

## PROGRAM INFORMATION

<b>RATING:</b>	A-	<b>NETWORK:</b>	Centralized
<b>INSPECTION FREQUENCY:</b>	Biennial/Annual	<b>CENTRALIZED TEST STATIONS:</b>	13
<b>TEST UPON CHANGE OF OWNERSHIP:</b>	Only if vehicle is sold through a licensed dealer	<b>CENTRALIZED TEST LANES:</b>	56
<b>VEHICLE I/M POPULATION:</b>	1.6 million vehicles	<b>DECENTRALIZED TEST STATIONS:</b>	N/A

## TEST INFORMATION

<b>TEST EQUIPMENT:</b>	Gordon-Darby analyzers, Dynamometers, Opacity, OBD	<b>FLEET TESTING:</b>	Yes
<b>TEST TYPES:</b>	IM147, OBDII, Idle, Loaded Steady-State, Loaded Mode Opacity, J1667 Snap-Idle Opacity test	<b>TIGHT STANDARDS:</b>	Yes
<b>ENFORCEMENT METHOD:</b>	Registration Denial	<b>MODEL YEARS:</b>	1967+
<b>EVAP EMISS CONTROL TEST:</b>	Functional gas cap check and fillpipe pressure test	<b>GVWR RANGE:</b>	Up to 14,000 lbs GVWR
<b>OTHER TESTS:</b>	None	<b>SAFETY INSPECTION:</b>	None
<b>REMOTE SENSING:</b>	Yes, fleet characterization only		
<b>EXEMPT VEHICLE:</b>	The 5 most recent model-year vehicles are exempt from inspection.		
<b>GASOLINE VEHICLE TESTING:</b>	'81-'95 Dyno testable vehicles receive IM147 loaded mode test, non-dynamometer testable vehicles receive curb-idle test. Pre-'81 vehicles receive idle test plus steady-state loaded mode test. '96+ receive OBD, those vehicles reporting not-ready OBD receive tailpipe test.		
<b>DIESEL VEHICLE TESTING:</b>	All LDDVs receive loaded mode opacity test, HDDVs receive SAE 1667 snap-idle test		
<b>UNDERHOOD INSPECTION:</b>	Visual inspection on 1975-95 models, which includes catalyst, air injection, PCV, and evaporative system. Gas cap test on all '71 sealed systems. IM147 tests also get fillpipe pressurization test.		

## OBD INFORMATION

<b>OBDII IMPLEMENTATION:</b>	February 2002	<b>OBDII READINESS:</b>	EPA, $\leq 2$ for 1996-2000 & $\leq 1$ for 2001 or newer
<b>OBDII TEST RESULTS:</b>	Pass/Fail inspections	<b>OBDII NOT READY:</b>	'Not Ready' vehicle is rejected from testing
<b>OBDII CAN SUPPORT:</b>	No		

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## FEE & WAIVER REQUIREMENTS

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**INITIAL TEST FEE:** Gasoline: (pre- '81) \$19 annually, (81+) \$27.75 biennially Diesel: (LDDVs) \$19, (HDDVs) \$28      **ADDITIONAL FEE:** None

**REPAIR COST LIMITS:** pre-75, \$200; 75-79, \$300; 80+, \$450;      **CPI ADJUSTMENT:** No

**ADDITIONAL WAIVER INFO:** One time waiver if emissions are less than 2x std.

**FREE RETEST:** Yes

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## ADDITIONAL INFORMATION

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**FUTURE PROGRAM:**

**CONTRACTOR:** Gordon-Darby      **CONTRACT EXPIRES:** 12/31/08

**COMMENTS:** Motorcycles are also tested for emissions at idle.

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## CONTACT INFORMATION

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**PRIMARY CONTACT:** John Walls, Arizona Vehicle Emissions Inspection Program, Arizona Department of Environmental Quality, 600 North 40th Street, Phoenix, Arizona 85008; (602) 207-7027

**AIR AGENCY CONTACT:**

**OTHER CONTACT:**

**WEBSITE:** <http://www.azdeq.gov/environ/air/vei/>

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