



VEHICLE INSPECTION REPORT

07924311

STATE OF COLORADO

RESULTS

Overall Result	Emissions	Evaporative Systems	Equipment Inspection	Smoke	CFC's	Recall	OBD Codes	Total Amount Paid
FAIL	FAIL	PASS	PASS	PASS	N/A		PASS	25.00

VEHICLE INFORMATION

VIN	STATE	LICENSE PLATE	YEAR	MAKE	ODOMETER	
JT3HJ85J5T0130901	CO	346FYX	1996	TOYT	168298	
PROGRAM	INSPECTOR #	LANE #	STATION #	START TIME	END TIME	DATE
E	13135	04	5006E	12:31:26	13:03:14	22-FEB-2010

CONSUMER INFORMATION

Your vehicle has failed to comply with required State regulations for emissions inspection. All items listed as failure must be addressed prior to your next inspection. See the box titled 'IF YOUR VEHICLE FAILED THE INSPECTION' for further instructions. If your vehicle failed emissions, see the box titled 'POSSIBLE CAUSES FOR EMISSIONS FAILURE' for further instructions.

EMISSIONS TEST INFORMATION

EVAPORATIVE SYSTEMS TEST INFORMATION

	READINGS	LIMITS	RESULTS		PRESSURE	PURGE	FUEL CAP RESULTS
HC GPM	0.2783	1.2000	PASS	UNITS	INCHES/H ₂ O		
CO GPM	14.3325	15.0000	PASS	LIMITS	6.00		
CO ₂ GPM	942.3548			READINGS			PASS
NO _x GPM	3.5782	3.5000	FAIL	RESULTS	PASS		

EQUIPMENT INSPECTION INFORMATION

Catalytic Converter -
 Fuel Filler Restrictor - N/A
 Air Injection System -
 Oxygen Sensor -
 Check Engine Light - PASS



IF YOUR VEHICLE PASSED OR WAS ISSUED A WAIVER

Your vehicle inspection results are shown on this "VEHICLE INSPECTION REPORT". If you are renewing your registration by mail, follow the instructions regarding the renewal process located on the back side of your renewal notice. If you are renewing your registration in person, the Certificate of Emissions Control must accompany all supporting documents at the time of registration. If the Certificate of Emissions Control is lost, a new inspection is required at the owner's/operator's expense.

IF YOUR VEHICLE FAILED THE INSPECTION

Your vehicle inspection results are shown on this "VEHICLE INSPECTION REPORT". If your vehicle failed its first inspection, you are entitled to one free reinspection within 10 calendar days if returned to the same independent inspection station. If the first inspection was performed at an Envirotest center, the reinspection can be performed at any one of Envirotest's centers. The information recorded on this "VEHICLE INSPECTION REPORT" is extremely valuable to a repair technician when having your vehicle repaired. The "VEHICLE REPAIR FORM", (VRF), located on the back **must** be completed by the person performing the repairs. The VRF **must also** accompany the vehicle at the time of reinspection. If your vehicle fails the reinspection, you may be entitled to a waiver. Waiver eligibility information is available at the inspection stations or by calling the Department of Revenue at (303) 205-5603.

"QUALITY EMISSIONS REPAIRS ALWAYS BEGIN WITH A GOOD DIAGNOSIS BY A QUALIFIED REPAIR TECHNICIAN."

HIGH HC READINGS	HIGH CO READINGS	HIGH NO _x READINGS
HIGH HC READINGS ARE A RESULT OF UNBURNED OR PARTIALLY BURNED FUEL.	HIGH CO READINGS OCCUR WHEN THE AIR/FUEL MIXTURE IS TOO RICH.	HIGH NO _x READINGS ARE THE RESULT OF HIGH COMBUSTION TEMPERATURES AND/OR HIGH COMBUSTION PRESSURES. (ENHANCED AREA ONLY)

TST: 1 FEB: 25.00 LAT: 0.00 TAX: 0.00 DIS: 0.00
 CSH: 0.00 CHK: 25.00 CDT: 0.00 CPN: 0.00
 IN2: 12935 IN3: 11832 CYL: 6 RMON: 11 RYR: 2009
 GVW: 6200 NVW: 4751 DSP: 4.5 FUL: GAS
 TVFY: 86D7 RVFY: 1180 VVFY: BD16
 OCT: 64 REC: 0 MAK: TOYT MDL: LAND CRUISER
 TRC: N WMB: 112.0 DEX: N ECH: N EYR:
 VTY: T TRA: A DRV: A ABS: Y 2STK: N
 BRES: F ORES: P PRES: P URES: I TWVFY: 30F1
 Diagnostic ID Number: 00 6042 20 220 1012 3 126 59815

INSPECTION TYPE: XXXXXXXX

DATE: XXXXXXXXXXXX

INSPECTOR #: XXXXX

MAKE: XXXXX

VIN #

FACILITY #: XXXX

LICENSE #: XXXXXX

MODEL: XXXXXXXX

YEAR: XXXX

PLEASE REMOVE THIS PORTION AND INCLUDE IT WITH YOUR RENEWAL CARD AND REGISTRATION PAYMENT. DO NOT STAPLE THIS DOCUMENT OR PAYMENT TO YOUR RENEWAL CARD.

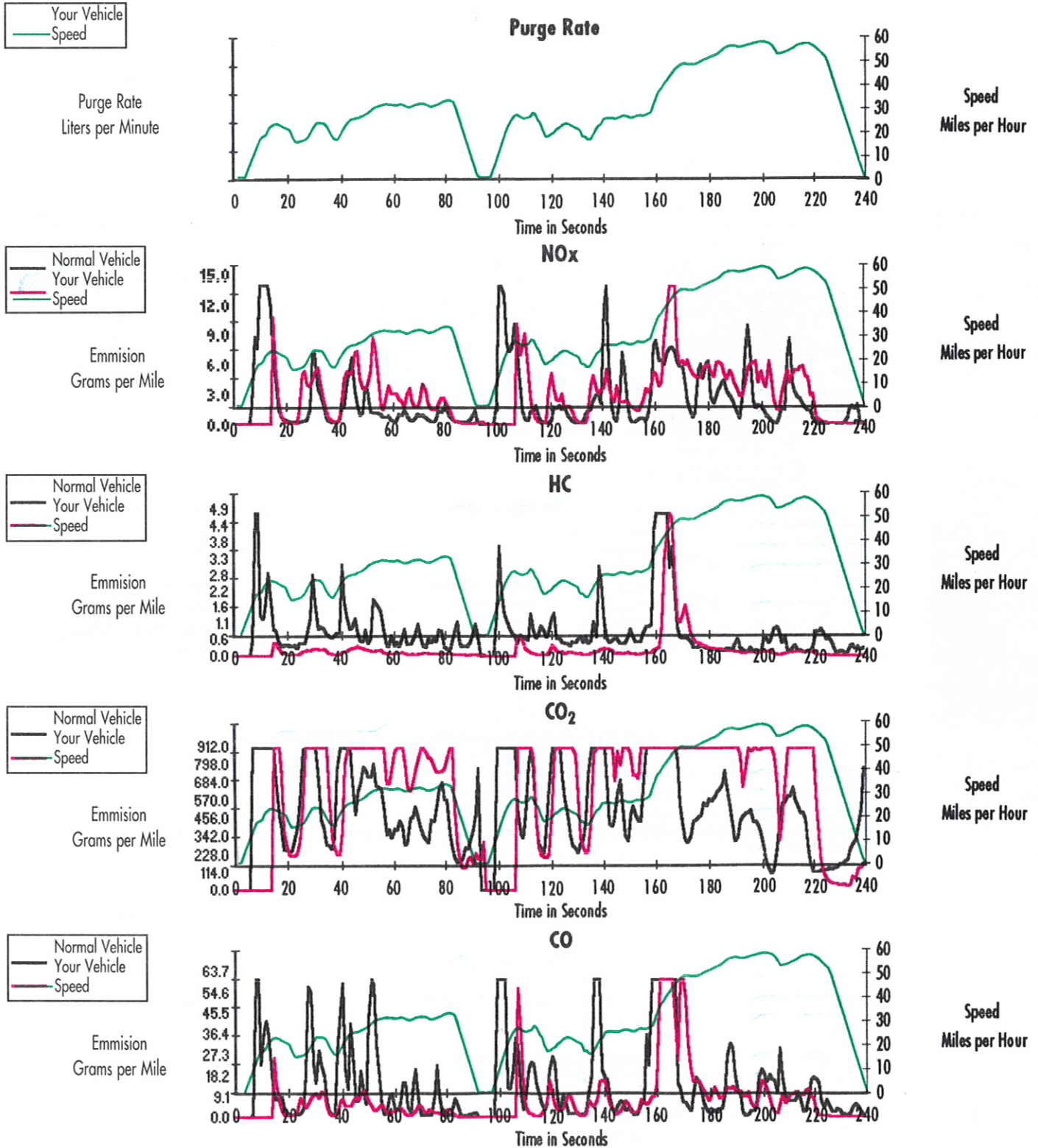
DIAGNOSTIC TRACE REPORT

VIN	LANE	STATION	TEST DATE / TIME
JT3HJ85J5T0130901	04	0006	22-FEB-2010 12:31:26

DIAGNOSTIC INFORMATION

The following information can be interpreted by a trained technician. It is provided for informational purposes only and may not indicate an actual vehicle problem. No repairs should be performed based solely on this information.

Emissions Comparison to Normal Vehicles of Similar Model:



DIAGNOSTIC SENSOR REPORT

VIN	LANE	STATION	TEST DATE / TIME
JT3HJ85J5T0130901	04	0006	22-FEB-2010 12:31:26

It is intended that the following information be used in conjunction with the "VEHICLE INSPECTION REPORT" for this vehicle.

DIAGNOSTIC INFORMATION

The following information can be interpreted by a trained technician. It is provided for informational purposes only, and may not indicate an actual vehicle problem. No repairs should be performed based solely on this information. This information was obtained by querying your vehicles on board computer (OBD).

IM240 TRACE DIAGNOSTICS	TYPE OF OPERATION EXCEEDING STANDARDS					COMPARISON TO TYPICAL PASSING CAR		
	ACCEL	L Crse	H Crse	DECEL	Idle	This Car	Typ Car	(This Car/Typ Car)
Type	HC : 99%	0%	0%	0%	00%	0.28 g/mi	0.79 g/mi	35.1% Less
of Failure	CO : 99%	0%	0%	0%	00%	14.33 g/mi	23.14 g/mi	61.9% Less
NOx Purge	NOx: 71%	2%	20%	4%	00%	3.58 g/mi	2.64 g/mi	135.3% Greater

SENSOR DESCRIPTION	UNITS	SEC=0092	SEC=0120	SEC=0146	SEC=0160	SEC=0195	SEC=0224
Engine Speed	RPM	1000.00	1506.75	1525.75	2415.25	2976.00	1594.00
Abs Throttle Pos.	%	20.3922	21.9608	22.3529	67.0588	29.0196	10.9804
Calc. Load Value	%	19.2157	44.3137	46.6667	66.6667	54.9020	6.2745
Eng. Coolant Temp.	deg C	85.0000	85.0000	85.0000	85.0000	85.0000	85.0000
Mass. Air Flow Rate	gm/s	19.6900	30.7100	31.8500	70.4400	66.4100	5.5400
Intake Air Temp.	deg C	39.0000	38.0000	38.0000	38.0000	39.0000	40.0000
Vehicle Speed	Km/h	5.0000	41.0000	51.0000	77.0000	107.0000	63.0000
O2S Voltage B1, S1	VDC	0.775000	0.745000	0.870000	0.910000	0.065000	0.785000
O2S STFT B1, S1	%	5.469	-3.124	-3.124	0.001	-2.343	-0.781
O2S Voltage B1, S2	VDC	0.255000	0.190000	0.580000	0.810000	0.585000	0.090000
S.T. Fuel Trim B1	%	0.001	5.469	-4.687	0.001	-0.781	0.001
L.T. Fuel Trim B1	%	2.344	-1.562	0.001	2.344	-2.343	2.344

UNDERSTANDING YOUR VEHICLE INSPECTION REPORT

Your vehicle's inspection results are shown on the "VEHICLE INSPECTION REPORT". If the final result is "PASS", proceed with your vehicle's licensing process. If the result is "FAIL", your vehicle must be repaired, retested and either pass a reinspection or qualify for a waiver, before licensing.

The inspection performed on your vehicle determined whether an excessive level of harmful pollutants are being emitted into the atmosphere. The cause of excess emissions may not be exactly identified by the inspection process alone or by personnel at the inspection center. A qualified diagnostic technician should be consulted in order to have the exact cause(s) identified and repaired. The "Repair Facilities" listing will assist you in finding a technician.

GENERAL REQUIREMENTS FOR A WAIVER

If your vehicle has failed two inspections and you have completed repairs associated with the cause of the failure(s), and the expenditure exceeds \$715, (amount adjusted annually by the Consumer Price Index), your vehicle may be eligible for a waiver. To apply for a waiver, contact the Department of Revenue at 303.205.5603. Keep in mind that to be eligible, your vehicle must pass a visual inspection of all originally installed emissions control components as well as all claimed repairs and the associated receipts. Vehicles that emit visible smoke will not be eligible for a waiver. All repairs covered under a manufacturer's warranty or recall must be completed before a waiver can be issued.

When applying for a waiver, be certain to bring the following items with you:

1. The vehicle for which a waiver is requested.
2. The completed "Vehicle Repair Form".
3. The "Vehicle Inspection Report Form".
4. All waiver associated repair receipts.

Without these items a waiver cannot be issued.

GENERAL DIAGNOSTIC INFORMATION

This section provides common causes for emissions failures listed on the "VEHICLE INSPECTION REPORT". This information is provided as assistance when repairing a vehicle due to an emissions failure. There are factors not listed here that may effect excess emissions and the repairs necessary to remedy them. This information is provided only to give a starting point in the repair process. These are guidelines only. For further information we suggest you see an automotive technician of your choice.

COMMON CAUSES OF EXCESSIVE EMISSIONS

HIGH HC HYDROCARBONS	<ul style="list-style-type: none"> ▪ Vacuum leaks ▪ Ignition system malfunction ▪ Faulty computer controls ▪ Air injection system failure 	<ul style="list-style-type: none"> ▪ Incorrect engine timing ▪ Incorrect engine idle speed ▪ Improper fuel injector operation 	<ul style="list-style-type: none"> ▪ Internal engine problem ▪ Incorrect carburetor setting/adjustment ▪ Inoperative/missing catalytic converter
HIGH CO CARBON MONOXIDE	<ul style="list-style-type: none"> ▪ Air cleaner, choke or carb. malfunction ▪ Fuel injector(s) dirty or sticking ▪ Improper fuel injector operation ▪ Air injection system failure 	<ul style="list-style-type: none"> ▪ Dirty air cleaner, choke or carburetor ▪ Carburetor float level misadjusted ▪ Incorrect carburetor settings/adjustments 	<ul style="list-style-type: none"> ▪ Inoperative/missing catalytic converter ▪ Defective evaporative system ▪ Faulty computer controls
HIGH NOx OXIDES OF NITROGEN	<ul style="list-style-type: none"> ▪ Vacuum leaks ▪ Incorrect engine timing ▪ Inoperative/missing catalytic converter 	<ul style="list-style-type: none"> ▪ Faulty computer controls ▪ Incorrect carburetor settings/adjustments ▪ Faulty EGR system 	<ul style="list-style-type: none"> ▪ Excessive spark advance ▪ Faulty thermostatic air cleaner system ▪ Engine deposits

COMMON CAUSES OF EMISSIONS COMPONENT FAILURES

The following items must be repaired or replaced to qualify for a waiver.

CATALYTIC CONVERTER	<ul style="list-style-type: none"> ▪ Missing ▪ Disconnected 	<ul style="list-style-type: none"> ▪ Incorrect style/type ▪ Damaged 	
FUEL FILLER RESTRICTOR	<ul style="list-style-type: none"> ▪ Missing ▪ Enlarged past tolerance 	<ul style="list-style-type: none"> ▪ Incorrect style/type ▪ Damaged 	
OXYGEN SENSOR SYSTEM	<ul style="list-style-type: none"> ▪ Missing ▪ Oxygen sensor wire(s) disconnected 	<ul style="list-style-type: none"> ▪ Damaged/disconnected feedback components 	<ul style="list-style-type: none"> ▪ Incorrect style/type ▪ Damaged sensor/wires
"CHECK ENGINE" DASH INDICATOR LIGHT	<ul style="list-style-type: none"> ▪ Light stays on with engine running ▪ Light does not operate as manufactured 		<ul style="list-style-type: none"> ▪ Light comes on during an inspection (Intermittent)
AIS SYSTEM	<ul style="list-style-type: none"> ▪ Missing ▪ Hoses disconnected 	<ul style="list-style-type: none"> ▪ Incorrect style/type ▪ Damaged 	<ul style="list-style-type: none"> ▪ Pump belt missing ▪ Diverter valve problem

COMMON CAUSES OF RECALL FAILURES

RECALL	<ul style="list-style-type: none"> ▪ Not having completed repairs for an emissions recall(s) ▪ Not having completed repairs documented with the manufacturer
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COMMON CAUSES OF EVAPORATIVE SYSTEMS FAILURES

PURGE	<ul style="list-style-type: none"> ▪ Vacuum problem ▪ Blocked canister 	<ul style="list-style-type: none"> ▪ Disconnected hoses/lines ▪ Disconnected control valves/solenoids 	<ul style="list-style-type: none"> ▪ Missing/damaged canister ▪ Faulty control valve(s)
PRESSURE	<ul style="list-style-type: none"> ▪ Leaking fuel tank ▪ Deteriorated leaking hoses/lines ▪ Disconnected hoses/lines 	<ul style="list-style-type: none"> ▪ Disconnected control valves/solenoids ▪ Blocked hoses/lines 	<ul style="list-style-type: none"> ▪ Improper fuel cap seal ▪ Faulty control valve(s)
FUEL CAP	<ul style="list-style-type: none"> ▪ Missing ▪ Damaged 		<ul style="list-style-type: none"> ▪ Incorrect style/type ▪ Improper fuel cap seal

COMMON CAUSES OF A SMOKE FAILURE

SMOKE	<ul style="list-style-type: none"> ▪ Internal engine wear 	<ul style="list-style-type: none"> ▪ Excessively rich mixture
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COMMON CAUSES OF AN OBD FAILURE

OBD CODES	<ul style="list-style-type: none"> ▪ There are any fault codes present, when querying the vehicle's on-board computer system ▪ If the OBD connector is missing, damaged or tampered with
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COMMON CAUSE OF A CFC FAILURE

This section will not cause a vehicle to fail an emissions inspection. It is advisory only.

CFC's	<ul style="list-style-type: none"> ▪ When any evidence is detected that the air conditioning system has a leak of it's refrigerant
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OXYGEN SENSOR SYSTEM	<ul style="list-style-type: none"> ▪ Missing ▪ Oxygen sensor wire(s) disconnected 	<ul style="list-style-type: none"> ▪ Damaged/disconnected feedback components 	<ul style="list-style-type: none"> ▪ Incorrect style/type ▪ Damaged sensor/wires
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FUEL CAP	<ul style="list-style-type: none"> ▪ Missing ▪ Damaged 		<ul style="list-style-type: none"> ▪ Incorrect style/type ▪ Improper fuel cap seal

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SMOKE	<ul style="list-style-type: none"> ▪ Internal engine wear 	<ul style="list-style-type: none"> ▪ Excessively rich mixture
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