	DAVIS COUNTY MOTOR VEHICLE INSPECTION/MAINTENANCE <i>Davis County Courthouse, Room 24 Farmington, Utah 451-3307</i>	<i>Date</i> November 13th 1991
	TECHNICAL BULLETIN - <u>NOTICE</u>	<i>Bulletin No.</i> 91-003

VEHICLE WARM-UP

With the on-slaught of cold weather, an alarming number of false failures are occurring throughout the County due to testing vehicles that are not warmed up properly. As a result of these false failures, there are a proportional amount of unnecessary repairs and adjustments being done.

Even though your new analyzers are designed with certain precautions to help assure complete warm-up, it is the responsibility of the certified mechanic to assure the vehicle is being tested at operating temperature. Adjustments and diagnostics must also be performed at operating temperature unless otherwise noted by the manufacturer.

As computer controlled vehicles become a major family of vehicles needing diagnosis and repair, we are seeing unnecessary repairs being done when the only malfunction was a thermostat.

Temperature is critical on computer controlled vehicles, especially fuel injected computer controlled vehicles.

Unnecessary repairs are being done because of the malfunctioning thermostatic air cleaners. If the vehicle is a high altitude vehicle and you note a high CO reading at high rpm, with no apparent reason, keep in mind thermostatic air cleaner doors.

COST WAIVER ELIGIBILITY REFERRAL

PROCEDURES FOR COST WAIVER ELIGIBILITY REQUIRES:

1. THE VEHICLE FAILS A TEST.
2. VERIFICATION OF MINIMUM DOLLAR AMOUNT SPENT FOR REPAIRS, AS REQUIRED BY THE ORDINANCE.
3. THE VEHICLE FAILS A RETEST, BUT WITH IMPROVED READINGS.

4. VERIFICATION THAT NO TAMPERING EXISTS REGARDLESS OF MODEL YEAR.
5. FILL OUT APPROPRIATE PAPER WORK, INCLUDING THE APPLICATION FOR WAIVER (SEE ENCLOSED FORM).
6. DOUBLE CHECK EACH STEP TO ENSURE THAT THE PROCEDURES HAVE BEEN FOLLOWED AS OUTLINED BY THE ORDINANCE.
7. HAVE THE MOTORIST CALL THIS OFFICE.

ANALYZER LOCKOUT

Analyzer lockout is possible if the machine is handled roughly. When moving the machine or working around the machine, BE CAREFUL. The anti-tampering devices are sensitive.

APPLICATION FOR CERTIFICATE OF COMPLIANCE - WAIVER ELIGIBILITY REFERRAL

It has been determined that all stations and mechanics will be required to use the "Application for Certificate of Compliance - Waiver Eligibility Referral" that is shown below. This form will be used in addition to the VIR that is printed out by the analyzer.

APPLICATION FOR
CERTIFICATE OF COMPLIANCE - WAIVER ELIGIBILITY REFERRAL

OWNER/OPERATOR _____		PHONE NUMBER _____
STREET ADDRESS _____		
CITY _____	STATE _____	ZIP CODE _____
VEHICLE MAKE _____	MODEL YEAR _____	LICENSE NO. _____
CHASSIS _____		VIN NO. _____
LIGHT _____		HEAVY _____

FIRST TEST EMISSIONS: _____ DATE _____	
1500 RPM	CURB IDLE
CO _____ ppm	HC _____ ppm
CO _____ ppm	HC _____ ppm
RETEST EMISSIONS: _____ DATE _____	
1500 RPM	CURB IDLE
CO _____ ppm	HC _____ ppm
CO _____ ppm	HC _____ ppm

LIST ALL TAMPERING: _____

LIST ALL EMISSION RELATED REPAIRS AND ATTACH COPIES OF ALL RECEIPTS

TOTAL REPAIR COST \$ _____

WERE THE REPAIRS DONE BY A CERTIFIED I/M MECHANIC? YES ___ NO ___

WAIVER REFERRAL FORM

DRIVER AND VEHICLE INFORMATION:

Name: _____ Address: _____ County: _____ City: _____ Zip Code: _____
 License #: _____ VIN: _____ Vehicle Type: Light Duty Make: FORD Model: MUSTANG Year: 1990
 No. Cylinders: 4 Eng. Size (cc): 2300 Transmission: MANUAL Carb. Type: FEDERAL Emissions: 1917E1 Fuel: Gasoline
REPAIRS IDENTIFICATION:
 Air Filter/Replace Air PABS Catalyst PABS Fuel Inlet Restrictor PABS
 EGR System PABS Evaporative Control System PABS PCV System PABS
 Oil Leak PABS

REPAIR AND COST INFORMATION:

Item	Repair Cost	Item	Repair Cost
Air/Fuel Ratio Adjustment	\$ 212.00		
	Total Repair Analysis Cost		\$212.00

REPAIRS DONE OR AN ESTIMATED COST TO FIX HIGH EMISSIONS:



OK'd For 1,
 WAIVER 6-2-9
 ME

EMISSIONS REGULATIONS:	CO Idle	HC Idle	CO 2500	HC 2500
STANDARD	2.0%	300ppm	2.0%	300ppm
INITIAL TEST	00.85%	0.66ppm	03.55%	0.450ppm
FINAL TEST	0.04%	100ppm	0.04%	200ppm
PERCENT REDUCTION	50 %	N/A	29 %	30 %

VERIFICATION IDENTIFICATION: I have verified----

1. This vehicle is not tampered.
2. The reasons for emissions related repairs are appropriate and are attached.
3. Where applicable the required adjustments have been performed by a certified emissions mechanic. (if the adjustments were performed by another I/M Mechanic the appropriate documentation is attached.)

6-2-93
[Signature]

DATE
LICENSED I/M MECHANIC (49)
SIGNATURE

STATION NAME AND NUMBER

Parton Auto Clinic 55

Although this vehicle does not meet the applicable emissions levels, it may be eligible for a waiver. If you would like to for a waiver please complete this form and call your County I/M Office for an appointment. (DAVIS COUNTY 540-2660, SALT LAKE COU -888, UTAH COUNTY 370-3700, WEBER COUNTY 309-3100 (note: only one I/M office in the county to which the vehicle is registered a waiver.)

I, **IRE** STATEMENT: I understand my vehicle is emitting excessive levels of air pollution. I have spent \$ _____ towards having this vehicle repaired. (original receipts are attached.)

[Signature]
6214-9892

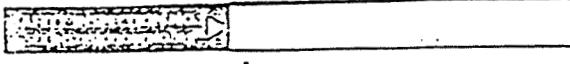
DATE
DRIVERS SIGNATURE
PHONE #

QUESTIONS. PLEASE CALL 451-3210.

DETACH ENTIRE SHEET

101751

TALBOT93FOR



EXPIRES
LAST DAY OF

APR 30 1994
APR 30 1994

UTAH 92

20.00

2.00

REGISTRATION FEE 22.00

X

OWNER'S SIGNATURE NOT VALID UNLESS SIGNED IN PINK

0F02A310641

PV 80

FORD

MU2 2T 04 00000 6 00500 0081

000005005/00008501/19/064/081/00031502/000/PV/++TALBOT/FORD/02936

DAVIS COUNTY ASSESSOR

P.O. BOX 618

FARMINGTON UTAH 84025-0618

8224



STUB
BEFORE
MAILING

AMERICAN SWAPPER, B.S. & TECH PARTS, TIRE, TOWERS AND TIRELS
 BURTON AUTO CLINIC
 132 NORTH 100 WEST
 KAYSVILLE, UTAH 84037
 PHONE 544-2035

0001705

REPAIR ORDER

ESTIMATES FOR LABOR ONLY - MATERIAL ADDITIONAL

CITY		PART NO.		TABLE OF PARTS		SALE AMT		Name		Address		Phone No.		Speedometer Reading		VIN No.		Date	
1				145		227.45		80 Mustang		1751		1751		5-22-93					
TOTAL PARTS								LUBRICATION		WASHING		POLISH							
Gals. Gas		Gals. Oil		Lbs. Grease		Total Gas-Oil-Grease		TIRE		CLEAN		MIX		WASH		POLISH			
27.15		.40		.00		27.15		90		10		14		.00					
TOTAL LABOR		TOTAL ACCESSORIES		TOTAL AMOUNT				Total Labor		Total Parts		Gas, Oil, Grease		Accessories		Tires, Tubes		Shop/Misc.	
114.00		27.15		141.15				114.00		27.15		.00		.00		.00		.00	
TOTAL AMOUNT		TAX		TOTAL				TOTAL AMOUNT		TAX		TOTAL							
141.15		.00		141.15				141.15		.00		141.15							

Work Authorized by _____ Date Promised _____
 Delivered to _____ Date Delivered _____

I hereby authorize the above repair work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate the car, truck or vehicle herein described on streets, highways or elsewhere for the purpose of testing and/or recondition. An express mechanic's lien is hereby acknowledged on above car, truck or vehicle to secure the amount of repairs therein.