

DRAFT

CONFIDENTIAL

**Characterizing Vehicular
Contributions to PM_{2.5} in
Fairbanks, Alaska**

**Volume 3: Description of Dynamometer
Test Vehicles**

prepared for:

**Alaska Department of Environmental
Conservation**

July 2011

prepared by:

Sierra Research, Inc.
1801 J Street
Sacramento, California 95811
(916) 444-6666

Preface

This volume contains detailed information, including in some cases confidential owner information, on 37 dynamometer test vehicles. The material is ordered by assigned vehicle number.

VEH #1

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2010 Make Chev Model Impala

Owner's name _____ and phone no. _____

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date ___/___/___

Time ___:___

Odometer _____

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage): _____

Engine Displacement 3.9 3.9 liters or cubic inches # Cylinders 6

Engine family AGMKV63.9055 and Emission controls LDA Tier 2 SFI/11025 H2O (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling Column

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FDX 949 State AK

020 74743

VIN 2G1WB5EK6A1246562

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level _____	Condition _____	(Black/Clean?)
	Transmission Fluid	Level _____	Condition _____	
	Radiator Fluid	Level _____	Condition _____	

Staffer's Initials _____

Date _____

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Poor/
Yes No

- | | | |
|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vehicle is light-duty and gasoline-powered (no Diesels) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vehicle is Alaska-registered and has been used within the last month |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Has only one exhaust pipe/tip |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Does the vehicle have all season or normal winter tires
(as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Do the odometer and instrument gauges work? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Are all warning lights off when engine is running? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Are the brakes okay and is the vehicle SAFE to drive on the road? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Does the block heater work? |

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

VEH #1

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2010 Make Chev Model Impala

Owner's name _____ and phone no. _____

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date / /

Time :

Odometer

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 3.9 3.9 liters or cubic inches # Cylinders 6

Engine family ABMxv03.9055 and Emission controls LDA/Tier 2 SFI/14025/170 (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling Column

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FDX 949 State AK

076 74743

VIN 2G1WB5EK6A1Z4656Z

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level _____	Condition _____	(Black/Clean?)
	Transmission Fluid	Level _____	Condition _____	
	Radiator Fluid	Level _____	Condition _____	

Staffer's Initials _____ Date _____

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Poor/
Yes No

- | | | |
|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vehicle is light-duty and gasoline-powered (no Diesels) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Vehicle is Alaska-registered and has been used within the last month |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Has only one exhaust pipe/tip |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Does the vehicle have all season or normal winter tires
(as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Do the odometer and instrument gauges work? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Are all warning lights off when engine is running? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Are the brakes okay and is the vehicle SAFE to drive on the road? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Does the block heater work? |

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

VETT #2

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 83 Make Jeep Model CJ/Wrangler CJ7

Owner's name Patty Peirson and phone no. 479-4668

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 5:00

Odometer 89577

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 258 liters or cubic inches # Cylinders 6

Engine family DAM258TZ15XR and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # BNH 586 State AK

VIN 1JCCN87E0DT059843

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>G</u>	Condition <u>C</u> (Black/Clean?)
Transmission Fluid	Level <u>G</u>	Condition <u>C</u>
Radiator Fluid	Level <u>C</u>	Condition <u>C</u>

Staffer's Initials PC

Date 1/12/11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

T. A. H. J. - 1-21-02

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1983 Jeep

Model CJ7

VIN 1JCCN87E0D T059843

Alaska Plate No. BNH 580

to Fairbanks North Star Borough for a period of up to 30 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

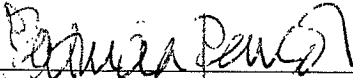
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 4/14/2011



Vehicle Owner (Signature)

Patty Peirsol
(Printed Name)

2610 Davis Road
(Street/P.O. Box)

Fairbanks, AK 99709
(City/ZIP)

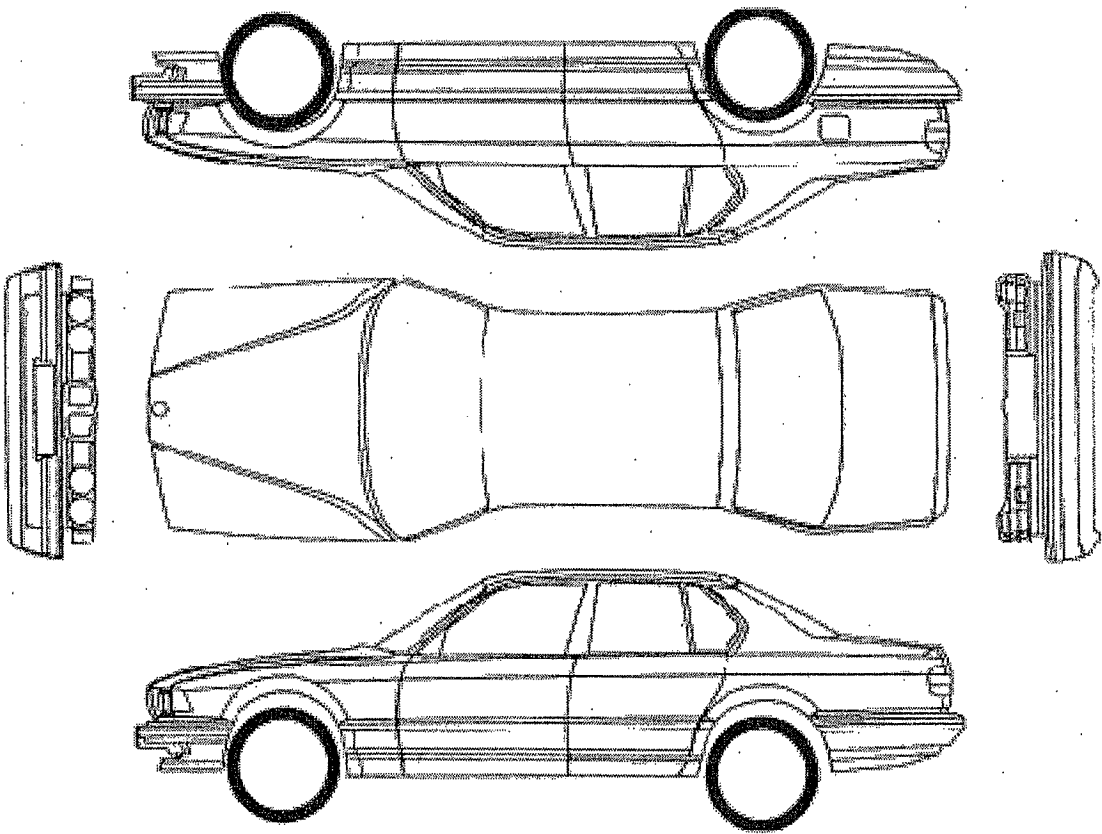
479-8668 work


Signature of Authorized Fairbanks North Star
Borough Representative

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE: 1 11 INSPECTION CARRIED OUT BY: R D E
MAKE/MODEL: CJ7 Jeep REGISTRATION No: 1JCCN87E00T059843



INSPECTION COMMENTS: Replace Tires

OWNERS SIGNATURE: [Signature] DATE: 11/11 Jeep

VEH #3

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1991 Make Nissan Model SENTRA

Owner's name JEFF PEDERSON and phone no. 479-0734

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 4:50

Odometer 138560

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 1.6 liters or cubic inches # Cylinders 4

Engine family MNSI.6U5FAAZ and Emission controls FEDERAL (from under hood label)

*nc 1.2
Screen*

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # DHM999 State AK

MILEAGE AT PRE INSPECTION
138,408

VIN 1N4EB32A8MC700771

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level	<u>low</u>	Condition	<u>Blk</u> (Black/Clean?)
Transmission Fluid	Level	<u>2</u>	Condition	<u>3</u>
Radiator Fluid	Level	<u>2</u>	Condition	<u>1</u>

Staffer's Initials JE

Date 1 12 11

SNOW TRACKERS - NO STUDS. HAS OTHER WINTER TIRES NOT SOFT COMPOUND

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires <i>SEE NOTE</i> (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Jeff Pedersen

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1991 Nissan
Model Sentra
VIN 1N4EB32A8ML700771
Alaska Plate No. DHM 999

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 12 11



Vehicle Owner (Signature)

Jeff Pederson


(Printed Name)

PO Box 82085

(Street/P.O. Box)

Fairbanks, AK 99708

(City/ZIP)



Signature of Authorized Fairbanks North Star
Borough Representative

479-0734 home

TRIMLINE SYSTEMS

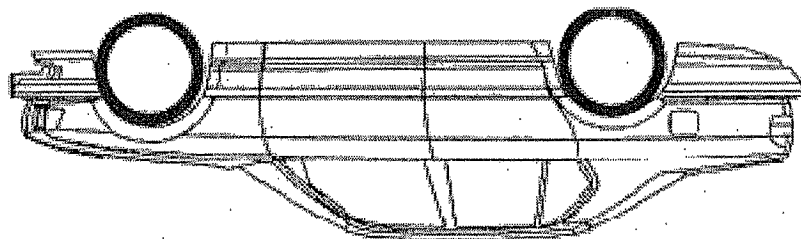
INSPECTION SHEET

DATE:

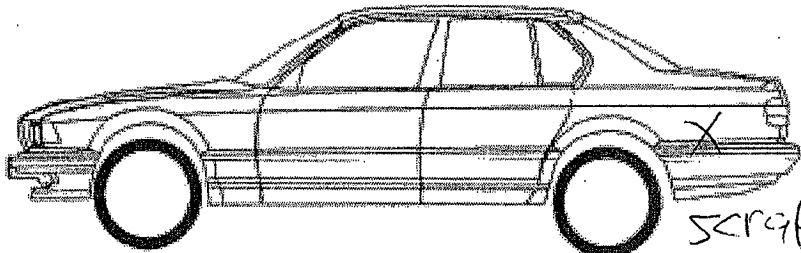
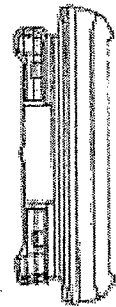
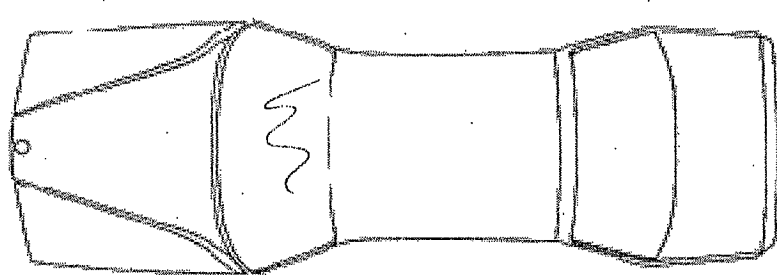
INSPECTION CARRIED OUT BY:

MAKE/MODEL: Nissan Sentra

REGISTRATION No: IN4EB32A8MC700771



Platy Damage



INSPECTION COMMENTS: Bumper RR Damage Trunk Damage

Window Damage

OWNERS SIGNATURE: *Jeffrey Lester*

DATE: 1/12/2011

VEN #4

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1993 Make Honda Model Accord

Owner's name Adam Brauser and phone no. 479-2821

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 6:30

Odometer 98940

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.2 liters or cubic inches # Cylinders 4

Engine family _____ and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) manual Drive wheels (circle F, R, AWD) F Exhaust (circle L or R side) (see note)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N) if No, are summer tires (on rims) available (Y) or N)?

License # CN0810 State AK

ODO-98,850

VIN 1HGCB7553PA018065

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>G</u>	Condition <u>C</u>	(Black/Clean?)
Transmission Fluid	Level <u>G</u>	Condition <u>C</u>	
Radiator Fluid	Level <u>G</u>	Condition <u>C</u>	

Staffer's Initials KE

Date 1/12/11

** Dual exhaust, one muffler. Need to plug one hole*



Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Has only one exhaust pipe/tip, <i>need to plug one hole</i>
<input type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires -- neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

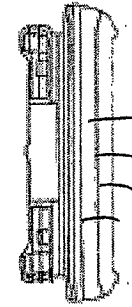
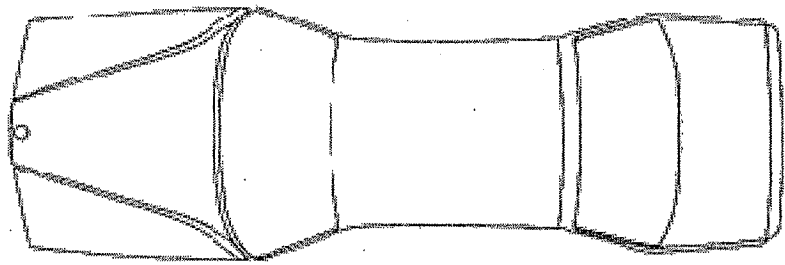
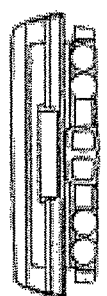
TRIMLINE SYSTEMS

INSPECTION SHEET

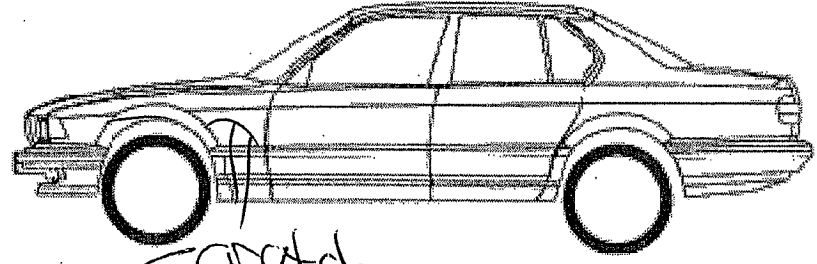
DATE: 1 11 INSPECTION CARRIED OUT BY: ROD E.
MAKE/MODEL: HONDA ACCORD 018065 REGISTRATION No: HGCB 7553PA



Slight dents



Scratch



Scratch

INSPECTION COMMENTS:

OWNERS SIGNATURE: _____ DATE: 1 12 11

Adam Krauser

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1993 Honda
Model Accord
VIN 1HGCB7553PA018065
Alaska Plate No. CNW810

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

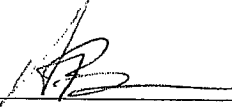
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 / 2 / 11



Vehicle Owner (Signature)

Achim Brauser

(Printed Name)

4357 York Avenue

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)

479-2821 home



Signature of Authorized Fairbanks North Star
Borough Representative

VEH#5

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1988 Make Plymouth Model Reliant (Valiant)

Owner's name Layne, St John and phone no. 479-2805

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 14:30

Odometer 59138

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.5 liters or cubic inches # Cylinders 4

Engine family _____ and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (or N), if No, are summer tires (on rims) available (Y or N)?

License # CCP 626 State AK add at pre insp 59071

VIN 1D3BP46K9JC259073

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>G</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>G</u>	Condition	<u>C</u>	
	Radiator Fluid	Level	<u>C</u>	Condition	<u>C</u>	

Staffer's Initials VR

Date 1/12/11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work? - <i>check for coolant leak</i>

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Wayne St. John

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1988 Plymouth
Model Valiant
VIN 1P3BP76L9JC259073
Alaska Plate No. CCP 626

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

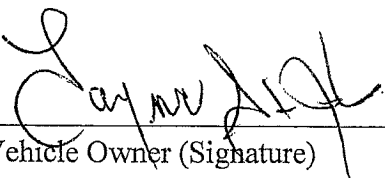
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 12 11



Vehicle Owner (Signature)

Layne St. John

(Printed Name)

281 Henderson Road South

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)

Signature of Authorized Fairbanks North Star
Borough Representative

Layne's cell phone 378-7005
Brother-in law is Jerry Duncan 304-1864 – contact for pickup

TRIMLINE SYSTEMS

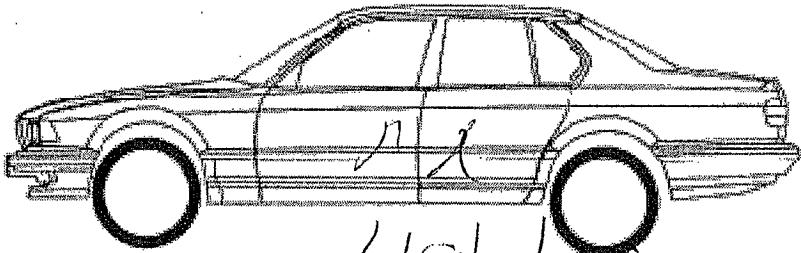
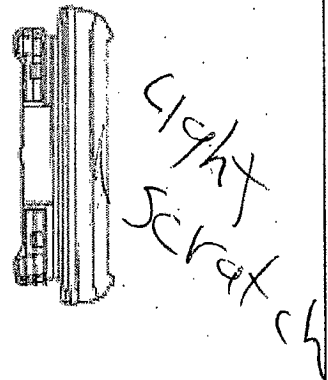
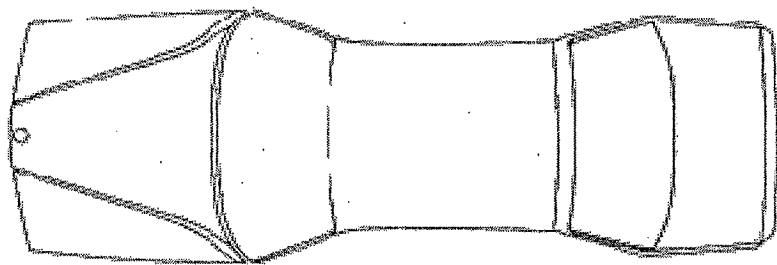
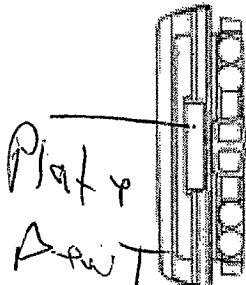
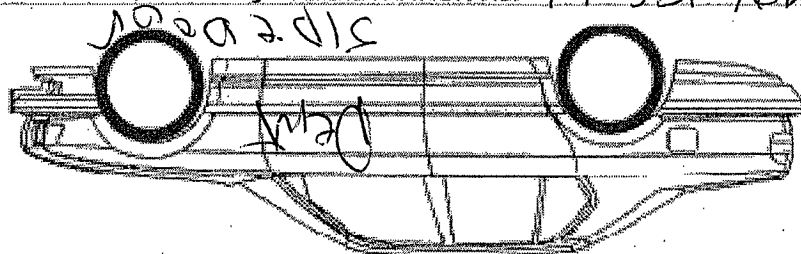
INSPECTION SHEET

DATE: 1 12 11

INSPECTION CARRIED OUT BY: Rob Evans

MAKE/MODEL: Plymouth Reliant

REGISTRATION No: 1 P 3BN 76K 9JC 258073



INSPECTION COMMENTS: DENT REAR DOOR, LIGHT DENT DRIVER LIGHT SCRATCH BUMPER FRONT PLATE DENT

OWNERS SIGNATURE

Handwritten signature of the owner.

DATE: 1 12 11

VEH #6

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2010 Make Ford Model Van

Owner's name James Winslow and phone no. 457-1798

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 13:20

Odometer 9276.1

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage): WINDOW CRACK

Engine Displacement _____ liters or cubic inches # Cylinders 10

Engine family _____ and Emission controls TWC/HO2S/SF/HAPS (from under hood label)

Transmission (circle auto or manual) Auto Drive wheels (circle F, R, AWD) R Exhaust (circle L or R side) R

Traction Control (circle Y or N) and location for disabling on dash

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)? Y

License # G36 887 State AK pre insp ODO 9259.7

VIN 1FB553B18ADA43821

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>F</u>	Condition	<u>C/can</u> (Black/Clean?)
	Transmission Fluid	Level	<u>F</u>	Condition	<u>C</u>
	Radiator Fluid	Level	<u>F</u>	Condition	<u>C</u>

Staffer's Initials _____

Date _____

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

James W. Glaw

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2010 Ford
Model Van V-10
VIN 1FBS536L8ADA43821
Alaska Plate No. GBG 887

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

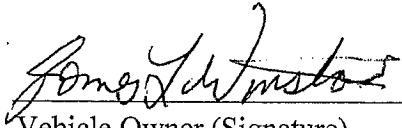
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1-12-11



Vehicle Owner (Signature)

James Winslow

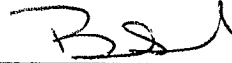
(Printed Name)

PO Box 60866

(Street/P.O. Box)

Fairbanks, AK 99706

(City/ZIP)



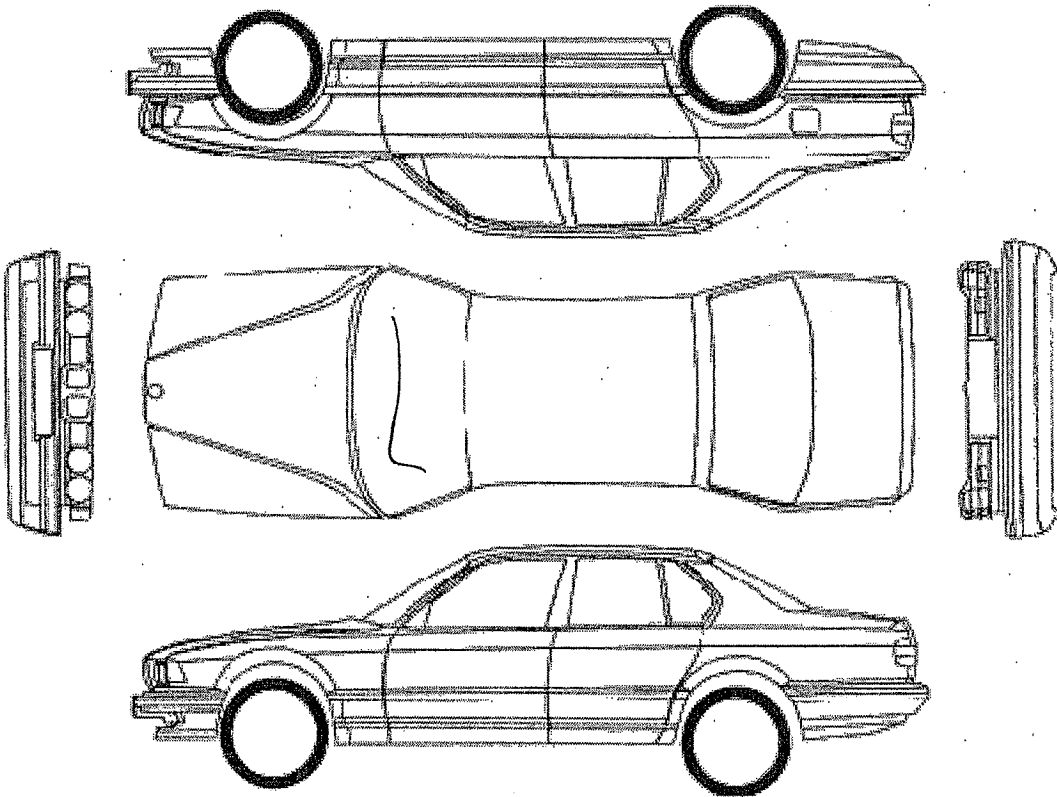
Signature of Authorized Fairbanks North Star
Borough Representative

457-1798 work

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE: 1 12 11 INSPECTION CARRIED OUT BY: *R. J. E.*
MAKE/MODEL: 2010 FORD VAN REGISTRATION No:



INSPECTION COMMENTS: *Crack window*

OWNERS SIGNATURE: DATE:

VEH #7

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2002 Make Ford Model Windstar

Owner's name April Peterson and phone no. 488-8518

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 12:04pm

Odometer 102,755.4

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage): Cracked windshield

Engine Displacement 3.8 liters or cubic inches # Cylinders 6

Engine family _____ and Emission controls CAF (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle FR, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # EEA-480 State AK ODO-102,365

VIN 2FMZA51442BB659Z

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level _____	Condition _____	(Black/Clean?)
	Transmission Fluid	Level _____	Condition _____	
	Radiator Fluid	Level _____	Condition _____	

Staffer's Initials _____ Date _____

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires -- neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

TRIMLINE SYSTEMS

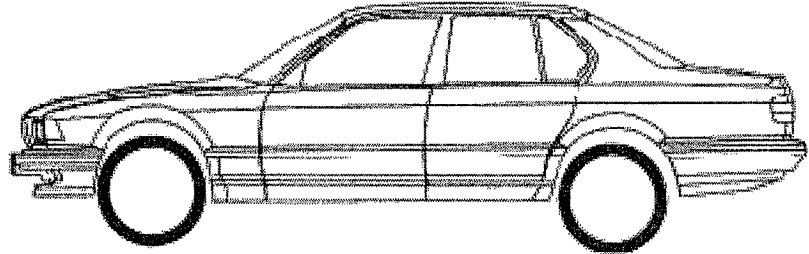
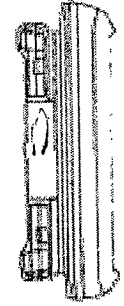
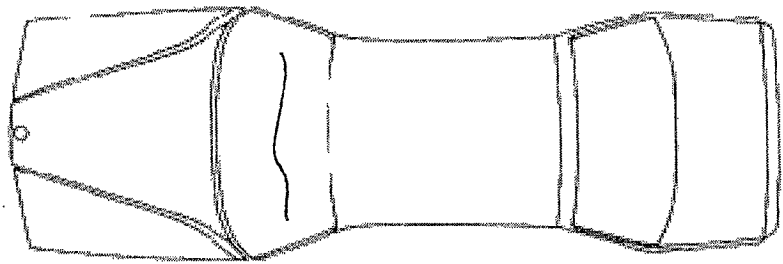
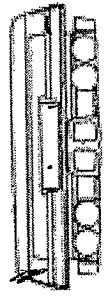
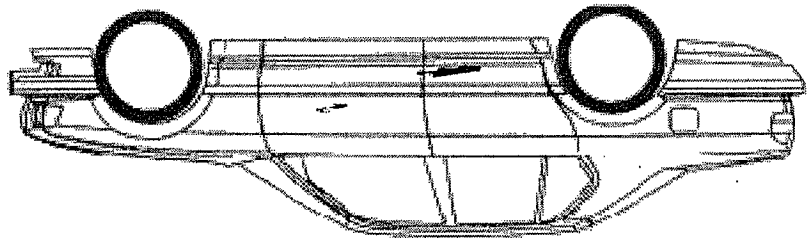
INSPECTION SHEET

DATE: 1/12/11

INSPECTION CARRIED OUT BY: Rodney

MAKE/MODEL: OZ Windsor

REGISTRATION No:



INSPECTION COMMENTS:

Window Crack

3rd. Crack right wing, scuffs left bumper back
indents under license plate in back passenger side window
off. Front license plate bent. Scuff front passenger door

OWNERS SIGNATURE:

[Handwritten Signature]

DATE:

1 12 11

April Peterson

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2002 Ford
Model Windstar
VIN 2FMZA51442BB6592
Alaska Plate No. EEA-480

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

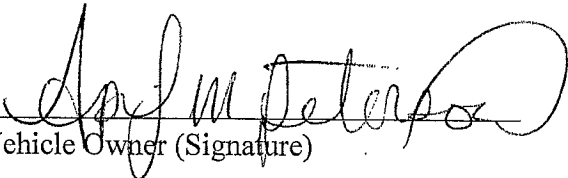
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 12 11



Vehicle Owner (Signature)

April Peterson

(Printed Name)

PO Box 56716

(Street/P.O. Box)

North Pole , AK 99705

(City/ZIP)

Signature of Authorized Fairbanks North Star
Borough Representative

488-8518 home

VEH #8

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1995 Make MAZDA Model PROTEGE

Owner's name MARCELLA Hill and phone no. 479-0241

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/13/11

Time 2:29

Odometer 81039

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 1.5 liters or cubic inches # Cylinders 4

Engine family STK1.5VJGPEK and Emission controls FEDERAL (from under hood label)

Transmission (circle auto or manual) Auto Drive wheels (circle F, R, AWD) F Exhaust (circle L or R side) R

Traction Control (circle Y or N) and location for disabling N

Tires suitable for dyno (Y or N) if No, are summer tires (on rims) available (Y or N)? N

License # CYN283 State AK

MILEAGE AT INSPECTION 80,996

VIN JM1BA141450176552

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>0</u>	Condition <u>C</u>	(Black/Clean?)
Transmission Fluid	Level <u>0</u>	Condition <u>C</u>	
Radiator Fluid	Level <u>0</u>	Condition <u>C</u>	

Staffer's Initials RSE

Date 1/13/11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make	<u>1995 Mazda</u>
Model	<u>Protege</u>
VIN	<u>JM1BA141450176552</u>
Alaska Plate No.	<u>CYN283</u>

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 01-13-11

Marcella Hill

Vehicle Owner (Signature)

Marcella Hill

(Printed Name)

1548 Westwood Way

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)

479-0241 home, 347-5321 cell

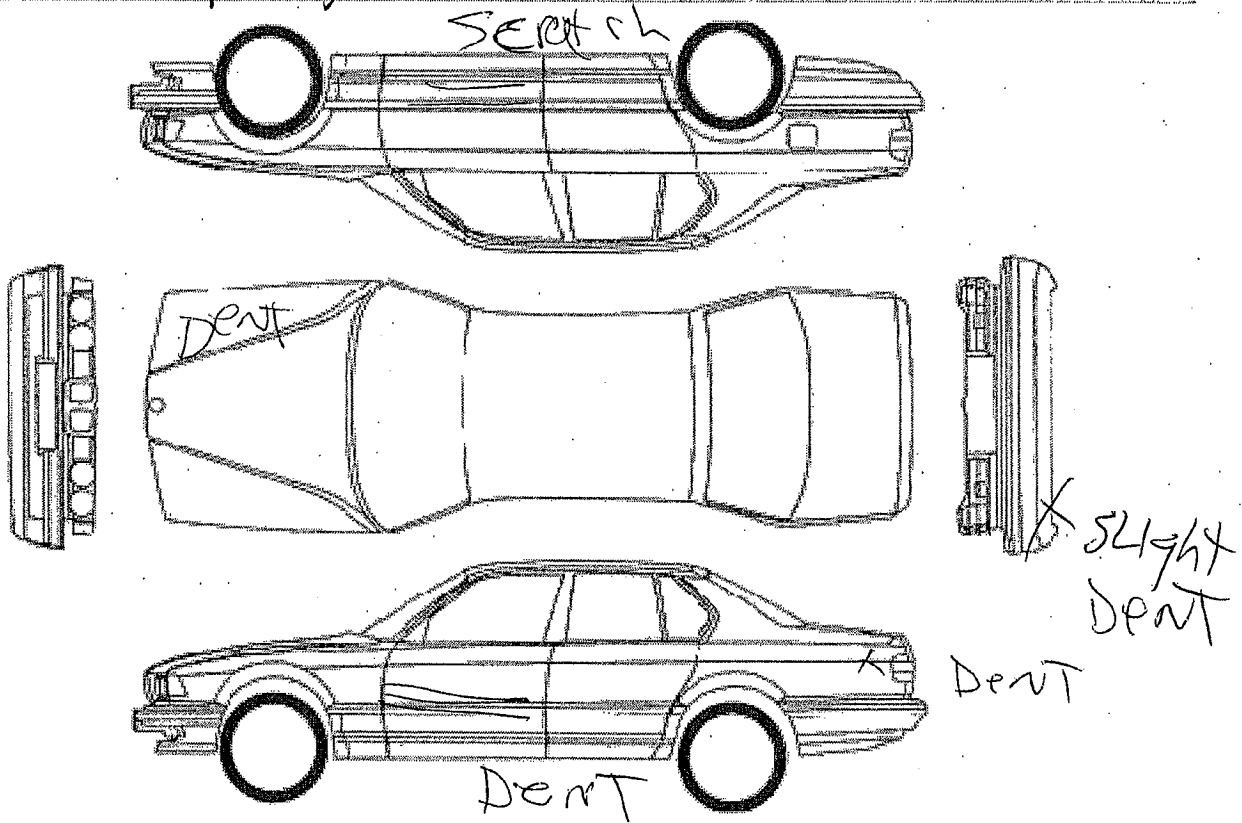
Malin Coll

Signature of Authorized Fairbanks North Star
Borough Representative

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE: 1-13-11 INSPECTION CARRIED OUT BY: Rod E.
MAKE/MODEL: MAZDA Protege REGISTRATION No: _____



INSPECTION COMMENTS: _____

OWNERS SIGNATURE: Marcella D. Hill DATE: 1 13 11

VEH #9

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 93 Make Ford Model Explorer

Owner's name SALLIE STUKEL and phone no. 459-1207

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date / /

Time :

Odometer 82,284

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Front Bumper Damage Pt. Cracked
GRN Oil Fuel Filter WINDSHIELD CRACKED, BRAKE FLUID WAS
LOW - ADDED FLUID. BREAKS SAFE, BUT USABLE

Engine Displacement 4.0 liters or cubic inches # Cylinders 6

PFM40T5FMV

Engine family _____ and Emission controls TWC MUR/MFI (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # STU 28 State AK AUG 12

VIN 1FMCU24X9PUA13073

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>X</u>	Condition <u>DARK</u> (Black/Clean?)
Transmission Fluid	Level _____	Condition _____
Radiator Fluid	Level <u>X</u>	Condition _____

Staffer's Initials BS

Date 1/16/10

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

*brakes ok
fluid was low*

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

VEH #10

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 06 Make Ford Model Expedition

Owner's name COATE and phone no. _____

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date / /

Time :

Odometer 34732

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage): _____

Engine Displacement 5.4 liters or cubic inches # Cylinders 8

Engine family 6FM70S4R17 and Emission controls TWC/HDS/BET (from under hood label)

Transmission (circle auto or manual) auto Drive wheels (circle F, R, AWD) R Exhaust (circle L or R side) R

Traction Control (circle Y or N) and location for disabling CONSUL

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)? no

License # EVF993 State AK SCDT 11

VIN 1FMPU16S46LA09086

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>X</u>	Condition _____	(Black/Clean?)
Transmission Fluid	Level <u>X</u>	Condition _____	
Radiator Fluid	Level <u>X</u>	Condition _____	

Staffer's Initials BS

Date _____

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

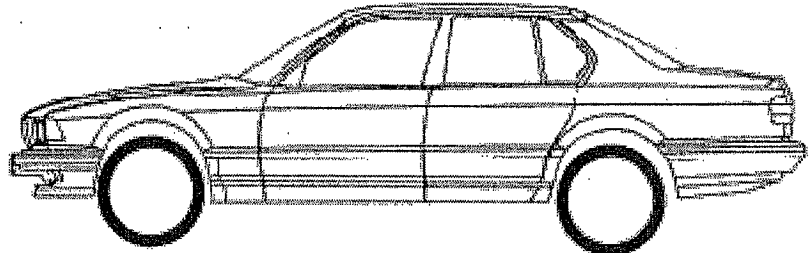
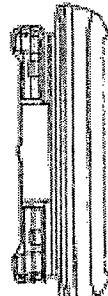
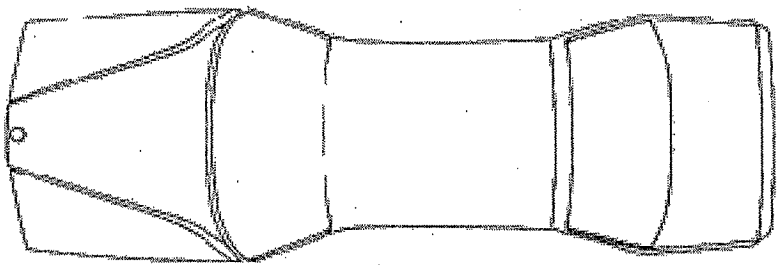
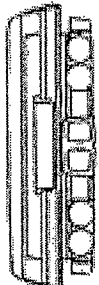
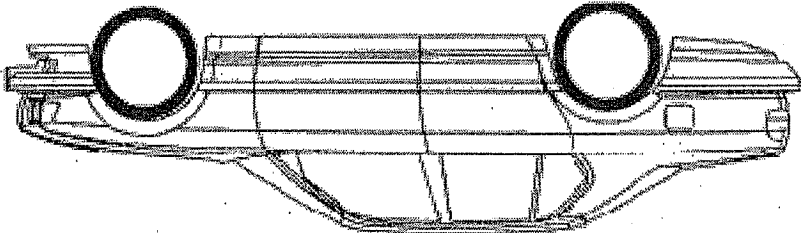
TRIMLINE SYSTEMS

INSPECTION SHEET

DATE: 1 12 11

INSPECTION CARRIED OUT BY: Redy G

MAKE/MODEL: Ford Expedition REGISTRATION No: IFMFUI65X62A09086



INSPECTION COMMENTS: Dent RT Bumper PAXSIDE SLT Dent HOOD

OWNERS SIGNATURE:

DATE: 1 12 11

RAMON CORTAZ

USC - 7967

CSL 347 3883

2006 EXPEDITION
BLUE

EVF 992

had to drop off early, was expected at 2:30
by Kelly

VEH # 10

Mary Cortez

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2006 Ford

Model Expedition

VIN 1FMTG6SX6LAD786

Alaska Plate No. _____

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

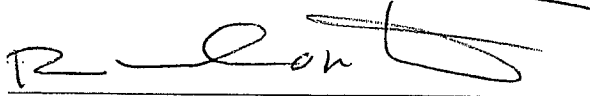
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: _____

RAMON CORTEZ


Vehicle Owner (Signature)

Mary Cortez

(Printed Name)

1419 Lathrop

(Street/P.O. Box)

Fairbanks, AK 99701

(City/ZIP)

Signature of Authorized Fairbanks North Star
Borough Representative

BJ Cortez, spouse, cell number 347-3883

VEH #11

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2000 Make Toyota Model P/U TACOMA 4WD

Owner's name George Riley and phone no. 322-1955

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date / /

Time :

Odometer

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.7 liters or cubic inches # Cylinders 4

Engine family _____ and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FDC 860 State AK ODO at pre insp - 86,555

VIN 4TAPM62N84Z682353

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level _____	Condition _____	(Black/Clean?)
	Transmission Fluid	Level _____	Condition _____	
	Radiator Fluid	Level _____	Condition _____	

Staffer's Initials _____ Date _____

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

George Riley

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2000 Toyota
Model Pick-up
VIN 4TAPM62N842682353
Alaska Plate No. FDL 860

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

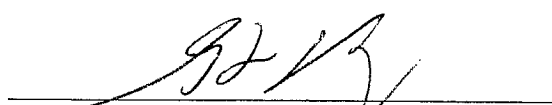
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/13/11



Vehicle Owner (Signature)

George Riley

(Printed Name)

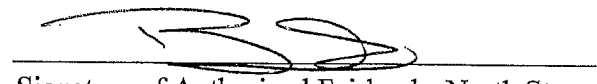
OI Box 64

(Street/P.O. Box)

Ester, AK 99725

(City/ZIP)

Cell phone 322-1955



Signature of Authorized Fairbanks North Star
Borough Representative

TRIMLINE SYSTEMS

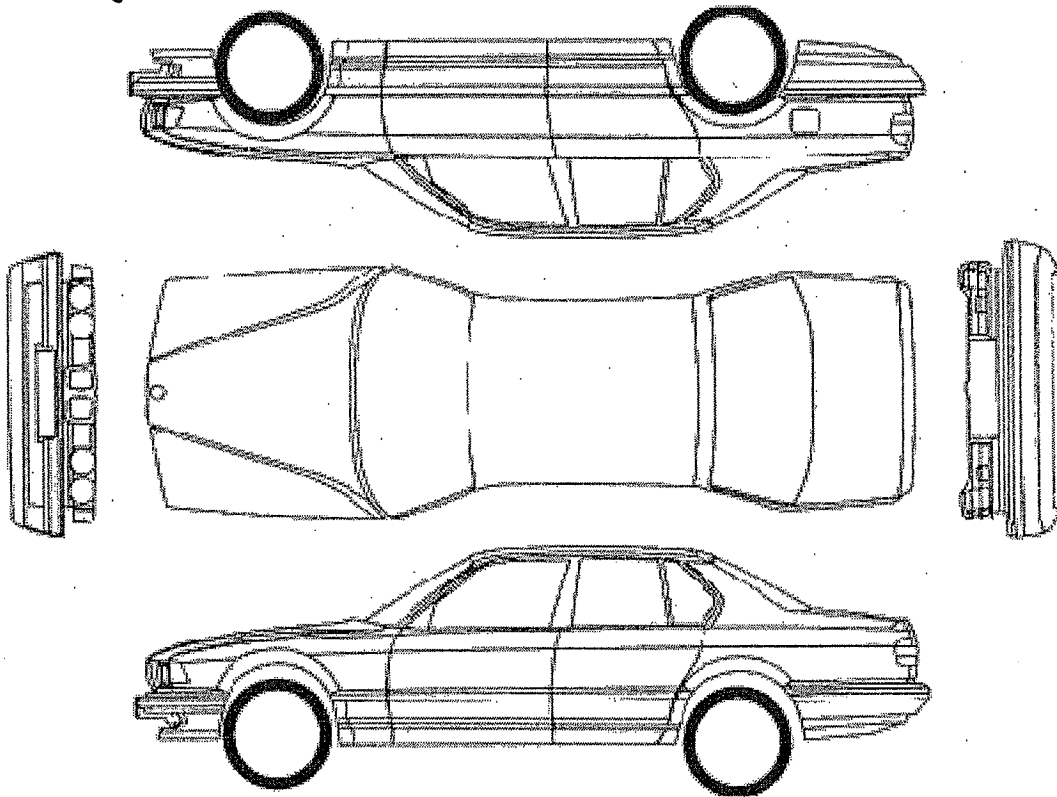
INSPECTION SHEET

DATE:

INSPECTION CARRIED OUT BY:

MAKE/MODEL: *Toyota*

REGISTRATION No: *4TAPM62N842682353*



INSPECTION COMMENTS:

.....
.....
.....

OWNERS SIGNATURE:

DATE:

.....

VEH #12

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1997 ^{DOB} ~~1998~~ Make Toyota Model PU 4WD

Owner's name Julie Rowland and phone no. 451-5134

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 5:00

Odometer 146940

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.7 liters or cubic inches # Cylinders 6

Engine family 1YZ71H6REK and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F R AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FPV 309 State AK

ODO - 146,910

VIN 4TAWM72NXT2192667

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>Low</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>2</u>	Condition	<u>2</u>	
	Radiator Fluid	Level	<u>2</u>	Condition	<u>2</u>	

Staffer's Initials OR

Date 1/12/11

*Kent said will clean
Battery jar*

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.



Julie Rowland

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1997 Toyota

Model Pick-up

VIN 4TAWM72NXT2192667

Alaska Plate No. FPV 309

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

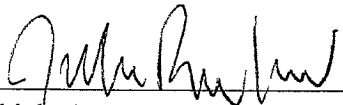
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 12 11



Vehicle Owner (Signature)

Julie Rowland

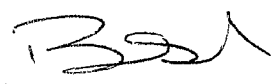
(Printed Name)

3185 Monteverde

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)



Signature of Authorized Fairbanks North Star
Borough Representative

455-4098 home
451-5134 work

TRIMLINE SYSTEMS

INSPECTION SHEET

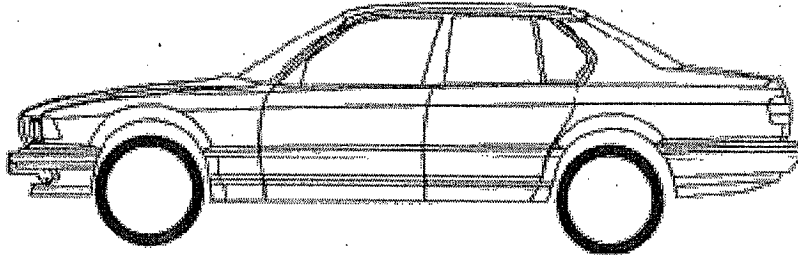
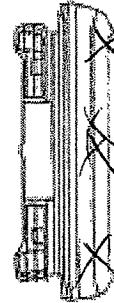
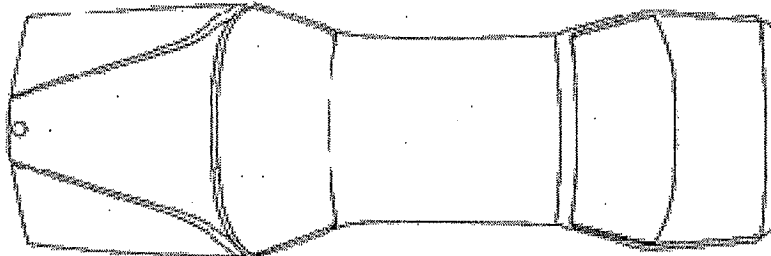
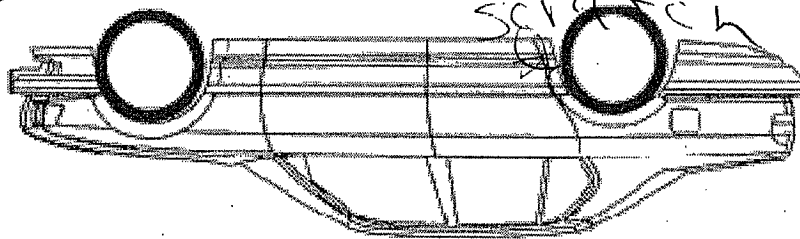
DATE:

9/7

INSPECTION CARRIED OUT BY:

MAKE/MODEL: Toyota

REGISTRATION No: 4TAWM72NXT2192667



INSPECTION COMMENTS:

RR Bumper DENTS Tail Gate

OWNERS SIGNATURE:

John Andrew

DATE:

1 12 11

VEH#13

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 96 Make CHEVROLET Model K1500 P/U

Owner's name CHRISTY DEHAUEN and phone no. 907-459-1008

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/12/11

Time 14:30

Odometer 102165.4

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 5.0 liters or cubic inches # Cylinders 8

Engine family TGM 5.68 PG BEK and Emission controls FEDERAL (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # DLV153 State AK ODOMETER AT PRE INSPECTION 102,126

VIN 2GCEK19M3T117938

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>C</u>	Condition	<u>Blk</u> (Black/Clean?)
	Transmission Fluid	Level	<u>?</u>	Condition	<u>?</u>
	Radiator Fluid	Level	<u>?</u>	Condition	<u>?</u>

Staffer's Initials RE Date 1/12/11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make	<u>1996 Chevy</u>
Model	<u>Silverado</u>
VIN	<u>2GCEK19M2T1117938</u>
Alaska Plate No.	<u>DLV153</u>

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Sierra will make an initial payment of \$100 cash upon first taking receipt of the vehicle; the remainder will be paid when the vehicle is returned to the participant.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/11/11

Christina DeHaven

Vehicle Owner (Signature)

Christina DeHaven

(Printed Name)

PO Box 58377

(Street/P.O. Box)

Fairbanks, AK 99711

(City/ZIP)

Cell phone 322-8132

BA

Signature of Authorized Fairbanks North Star
Borough Representative

TRIMLINE SYSTEMS

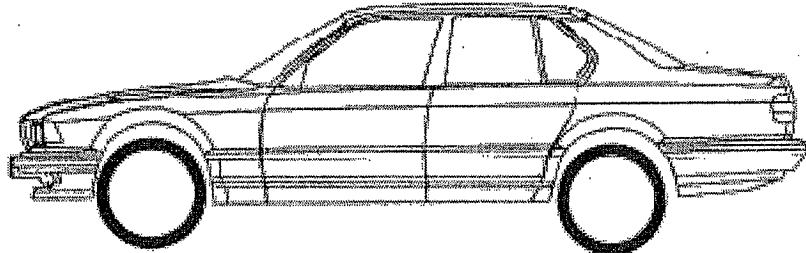
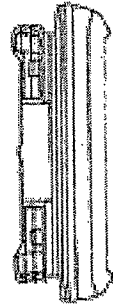
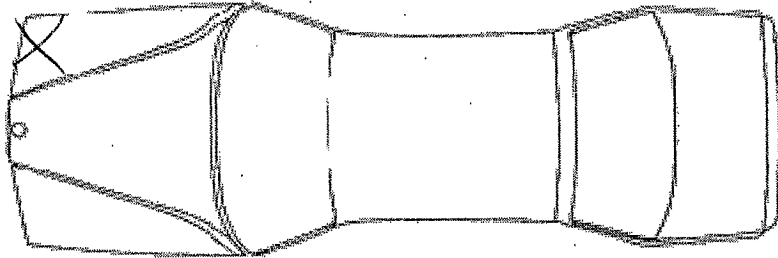
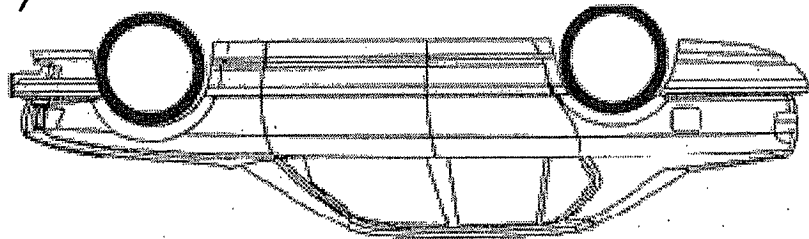
INSPECTION SHEET

DATE: 1-12-11

INSPECTION CARRIED OUT BY: *RK*

MAKE/MODEL: Chevy Silverado

REGISTRATION No: 26CEK19M2T1117938



INSPECTION COMMENTS: LT FRONT FRT Plate, Bug Shield
Broke,

OWNER'S SIGNATURE:

DATE: 1 12 11

VEH # 14

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2004 Make Nissan Model Frontier

Owner's name Anna Bryan and phone no. 347-3085

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/16/11

Time 13:10

Odometer 54695

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Battery Dirty could clean

Engine Displacement 3.3 liters or cubic inches # Cylinders 6

Engine family _____ and Emission controls CA (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # EW9 419 State AK 600-84,367

VIN 1N6ED29484C478263

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>G</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>G</u>	Condition	<u>C</u>	
	Radiator Fluid	Level	<u>C</u>	Condition	<u>C</u>	

Staffer's Initials KA Date 1/16/11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE:

1 16 11

INSPECTION CARRIED OUT BY:

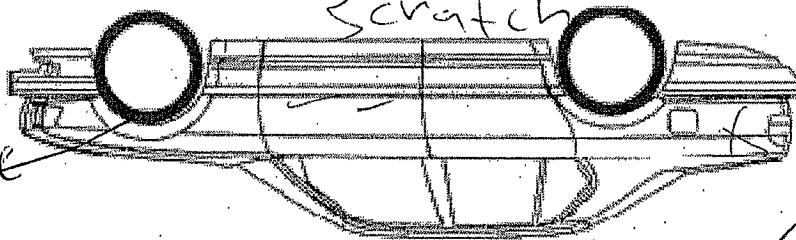
ROD E

MAKE/MODEL:

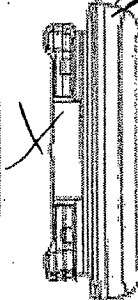
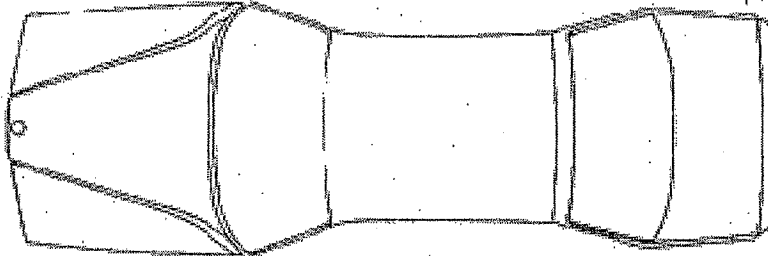
NISSAN FRONTAL

REGISTRATION No:

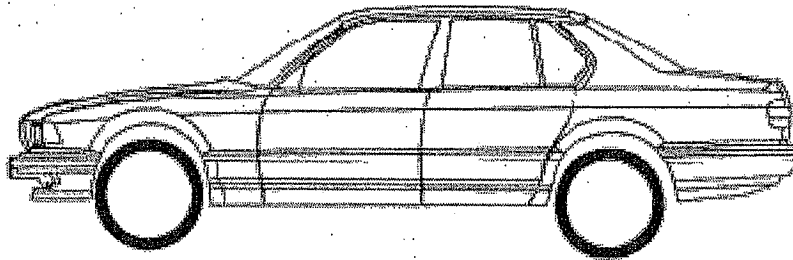
Fender
Damage



Bumper
repair



Dent
Bumper
Damage



INSPECTION COMMENTS:

Battery Dirty could
clean

OWNERS SIGNATURE:

Michael Wilson
for Anna Wilson

DATE:

Jan 16

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2004 Nissan
Model Frontier
VIN 1N6ED29Y84C478263
Alaska Plate No. ZWY 419

to Fairbanks North Star Borough for a period of up to 7 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 16 11

Anna Bryan
for Anna Bryan

Vehicle Owner (Signature)

Signature of Authorized Fairbanks North Star
Borough Representative

Anna Bryan
(Printed Name)

PO Box 82819
(Street/P.O. Box)

Fairbanks, AK 99708
(City/ZIP)

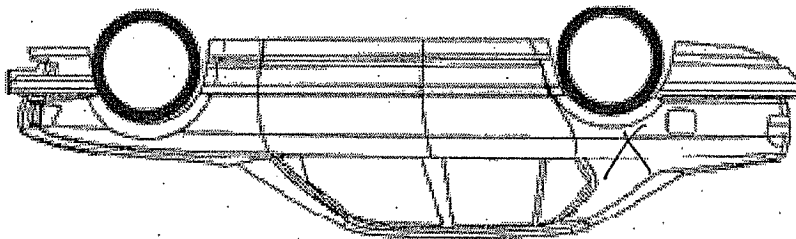
347-3085 cell

WHICH VEHICLE?

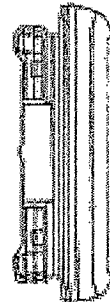
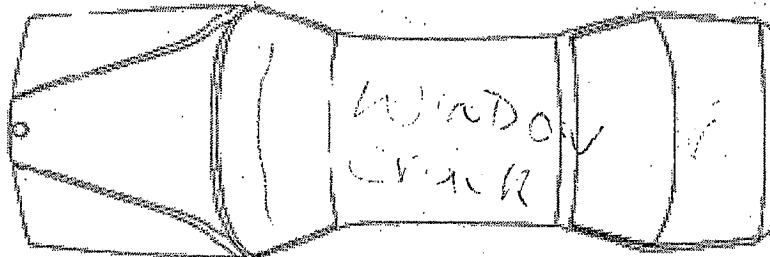
TRIMLINE SYSTEMS

INSPECTION SHEET

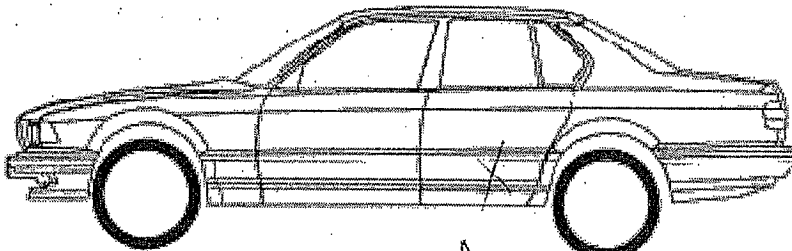
DATE: _____ INSPECTION CARRIED OUT BY: _____
MAKE/MODEL: _____ REGISTRATION No: _____



dent



Subs
Tail
gate



dent

INSPECTION COMMENTS:

oil cut, freeze

OWNERS SIGNATURE: _____ DATE: _____

VEH #15

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2002 Make DODGE Model DAKOTA 4WD

Owner's name BILL HOLDEN and phone no. 460-0871

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/16/11

Time 13:10

Odometer 104805

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

could yo cr ~~cr~~ Radiator fluid

Engine Displacement 4.7 liters or cubic inches # Cylinders 8

Engine family 2CRX704.7201 and Emission controls FEDERAL (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # EJX135 State AK MILEAGE AT INSPECTION 104,725

VIN 1B7GG42N729680916

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>6</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>6</u>	Condition	<u>C</u>	
	Radiator Fluid	Level	<u>?</u>	Condition		

Staffer's Initials RV Date 1/16/11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work? BLOCK HTR NEEDS TO BE REPLACED

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2002 Dodge
Model Dakota
VIN 1B7GG42N725680996
Alaska Plate No. EVX135

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.


Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 16 11

Vehicle Owner (Signature)

Bill Holden 

(Printed Name)

672 Hillcrest Dr

(Street/P.O. Box)

Fairbanks, AK 99712

(City/ZIP)

457-3617 home, 460-0871 cell

Signature of Authorized Fairbanks North Star
Borough Representative

VEH #16

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1997 Make TOYOTA Model PASEO

Owner's name CHARLES DRUSHAL and phone no. 378-8113

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/17/11

Time :

Odometer 134532

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 1.5 liters or cubic inches # Cylinders 4

Engine family VTV1.5VJGKEK and Emission controls FEDERAL (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle FR, AWD) Exhaust (circle L or Rside)

Traction Control (circle Y or N) and location for disabling

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # DAZ110 State AK

134,475

VIN VTV JT20052119V0037102

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level <u> </u>	Condition <u> </u>	(Black/Clean?)
	Transmission Fluid	Level <u> </u>	Condition <u> </u>	
	Radiator Fluid	Level <u> </u>	Condition <u> </u>	

Staffer's Initials

Date 1-17-11

WE NEED TO REMOVE TAILPIPE TIP (2 SCREWS)

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip <i>SEE NOTE</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1997 Toyota

Model Paseo

VIN JT20CS2H9V0037102

Alaska Plate No. DA2110

to Fairbanks North Star Borough for a period of up to 3 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 17 11



Vehicle Owner (Signature)

Charles Drushal

(Printed Name)

3906 Noorvik Ct.

(Street/P.O. Box)

Fairbanks, AK 99701

(City/ZIP)

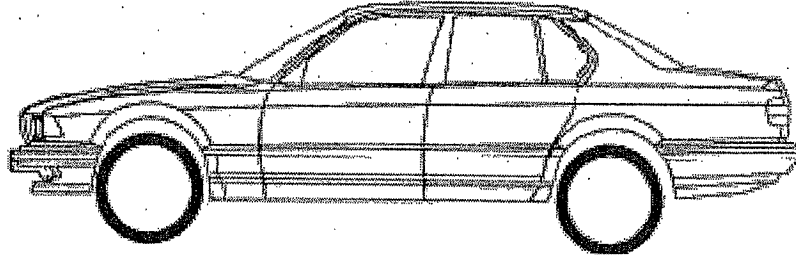
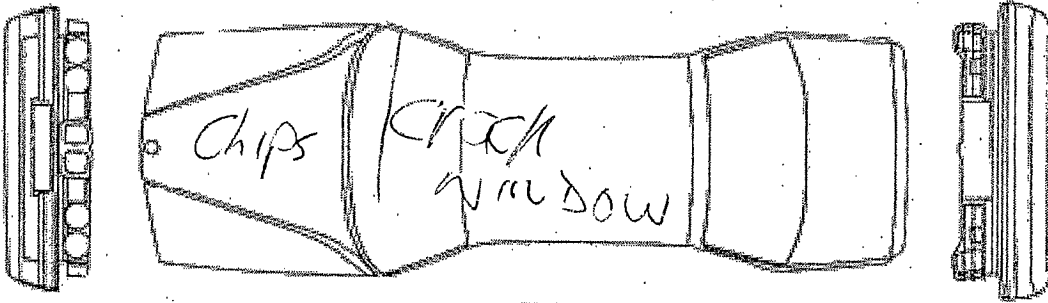
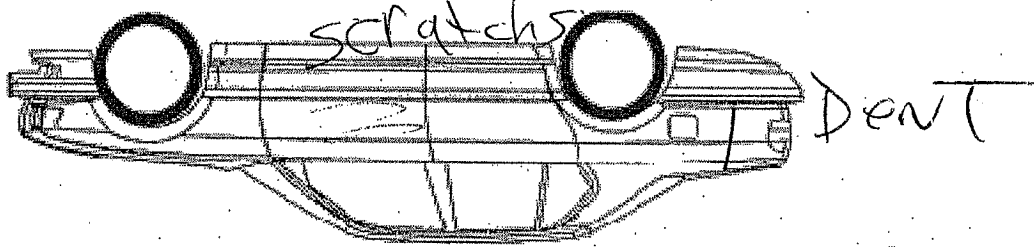
590-2202 cell, 488-9102 home

Signature of Authorized Fairbanks North Star
Borough Representative

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE: 1 17 11 INSPECTION CARRIED OUT BY: ROD E
MAKE/MODEL: Toyota Paseo REGISTRATION No: JT20CS249U0037102



INSPECTION COMMENTS:

OWNERS SIGNATURE: [Signature] DATE: 1-17-11

VEH #17

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 84 Make TOYOTA Model PICKUP
Owner's name DAVID W. SWARTZ and phone no. 457-2344 978-0165 (C)

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/17/11
Time 16:40
Odometer 165192

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.4 22R liters or cubic inches # Cylinders 4
Engine family E1424T2AFF0 and Emission controls AS/EGR/DC (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # 6066CC State AK

VIN JT4RN60RXE5008787

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil Level _____ Condition _____ (Black/Clean?)
Transmission Fluid Level _____ Condition _____
Radiator Fluid Level _____ Condition _____

Staffer's Initials KG Date 1/17/11

ABORT - oil light came on

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1984 Toyota
Model Pick up
VIN JT4RN60RXE5008787
Alaska Plate No. # 60 66CC

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

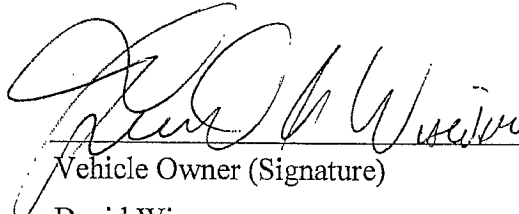
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1-17-11



Vehicle Owner (Signature)
David Wiswar

(Printed Name)

1139 Coppet St

(Street/P.O. Box)

Fairbanks, Alaska 99709

(City/ZIP)

978-0165 Cell

457-2344 home

Signature of Authorized Fairbanks North Star
Borough Representative

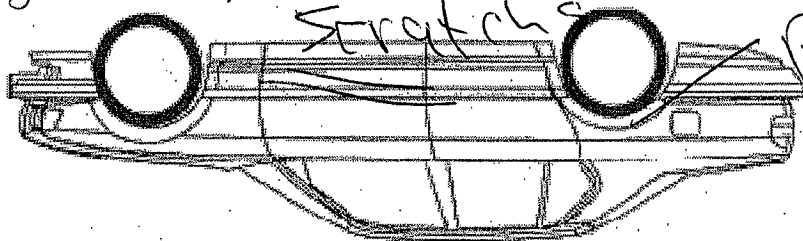
David Wiswar

TRIMLINE SYSTEMS

#6066CC

INSPECTION SHEET

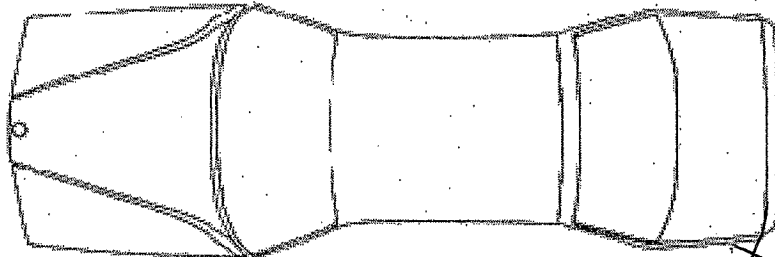
DATE: 1/17/11 INSPECTION CARRIED OUT BY: ROD E
MAKE/MODEL: '84 Toyota Pick-up REGISTRATION No: JT4RN60RXE5008787



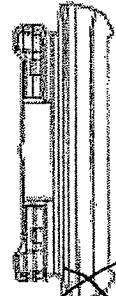
Scratches

RUST

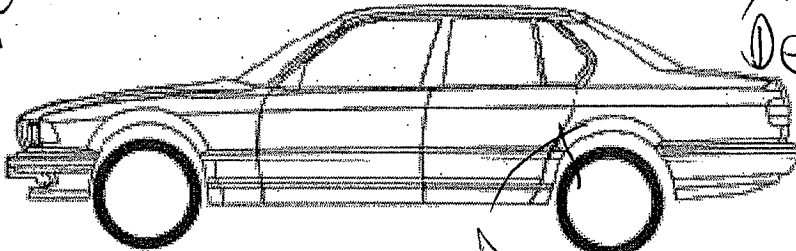
Damage



Bumper
Damage



Dent
RUST



Dent

INSPECTION COMMENTS:

OWNERS SIGNATURE:

David Wiswar

DATE:

1 17 11

DAVID WISWAR

VEH #18

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1994 Make Toyota Model 4-Runner

Owner's name Fred Austin and phone no. 590-2202

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/17/11

Time 13:30

Odometer 78 240

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

could clean battery

Engine Displacement 3.0 liters or cubic inches # Cylinders 6

Engine family _____ and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims)-available (Y or N)?

License # EHF 481 State AK

VIN JT3YN39W4R0166720

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>Ⓟ</u>	Condition <u>B</u> (Black/Clean?)
Transmission Fluid	Level <u>?</u>	Condition <u>?</u>
Radiator Fluid	Level <u>?</u>	Condition <u>?</u>

Staffer's Initials B

Date 1-17-11

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1994 Toyota
Model Four-runner
VIN JT3VN39W4R0166720
Alaska Plate No. EHF 481

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

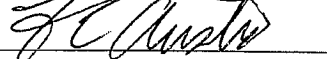
Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1-27-11

Vehicle Owner (Signature)

Fred Austin 

(Printed Name)

3191 Laurance Rd.

(Street/P.O. Box)

North Pole, AK 99705

(City/ZIP)

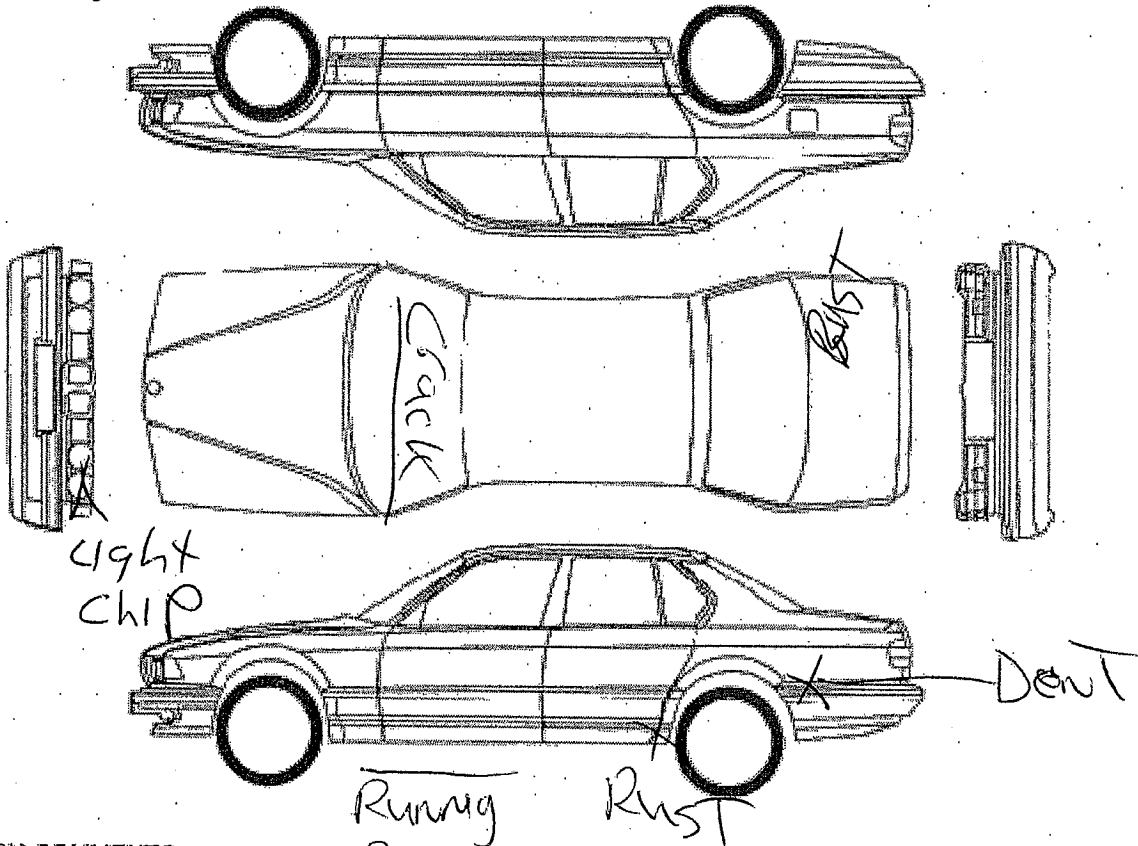
590-2202 cell, 488-9102 home

Signature of Authorized Fairbanks North Star
Borough Representative

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE: 1-17-11 INSPECTION CARRIED OUT BY: ROD E.
MAKE/MODEL: Toyota four-cylinder REGISTRATION No: JT3UN39W4R016720



INSPECTION COMMENTS:
Running Board
CRACK

OWNERS SIGNATURE: *[Signature]* DATE: 1-17-11

CVET #19

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2007 Make CHEVY Model SILVERADO ^{K1500} 4WD

Owner's name ADOLEA FIELDS and phone no. 459-1318

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/18/11

Time 12:15

Odometer 28294

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 5048 liters or cubic inches # Cylinders 8

Engine family 76MYT05.337A and Emission controls _____ (from under hood label)

Transmission (circle auto or manual) auto Drive wheels (circle F, R, AWD) R Exhaust (circle L or R side) R

Traction Control (circle Y or N) N and location for disabling _____

Tires suitable for dyno Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FBB558 State AK MILEAGE AT INSPECTION 26,160

VIN 2GCEK13VK71128080

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>6</u>	Condition <u>C</u> (Black/Clean?)
Transmission Fluid	Level <u>6</u>	Condition <u>C</u>
Radiator Fluid	Level <u>6</u>	Condition <u>C</u>

Staffer's Initials [Signature] Date 1/18/11

NOTE: BLOCK HEATER MUST BE CONNECTED DIRECTLY TO 3 WAY CORD

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

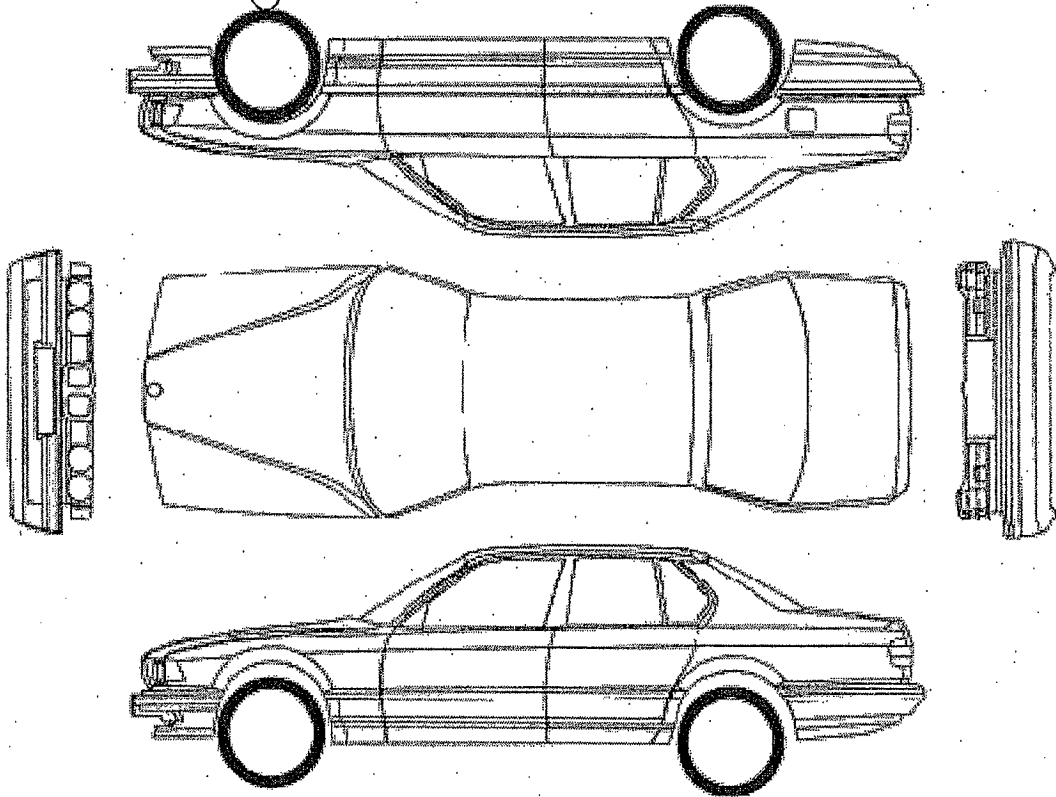
Andrea Fields

TRIMLINE SYSTEMS

License
FBB558

INSPECTION SHEET

DATE: 1-18-11 INSPECTION CARRIED OUT BY: ROD E.
MAKE/MODEL: 07 Chevy Silverado REGISTRATION No:



INSPECTION COMMENTS:

OWNERS SIGNATURE: Andrea Fields DATE: 1-18-11

Andrea Fields

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2007 Chevy
Model Silverado
VIN 24CEK13VX71128080
Alaska Plate No. FBB 558

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/18/2011

Andrea Fields

Vehicle Owner (Signature)

Andrea Fields

(Printed Name)

PO Box 74448

(Street/P.O. Box)

Fairbanks, AK 99707

(City/ZIP)

459-1318 work, 388-2642 cell

Signature of Authorized Fairbanks North Star
Borough Representative

VEH # 20

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

6/14/93
Model Year 1993 Make Toyota Model P/U
Owner's name JEAN Phillips and phone no. 389-2890

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/18/11

Time 14:30

Odometer 160899

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.4 ^{22RE} liters or cubic inches # Cylinders 4
Engine family P T42.4T5FF7 and Emission controls MPI/Air/EGR/H2O/TWC (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # GCD627 State AK

VIN 4TARN01P2P2125703

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level _____	Condition _____	(Black/Clean?)
Transmission Fluid	Level _____	Condition _____	
Radiator Fluid	Level _____	Condition _____	

Staffer's Initials _____ Date _____

Key stays in
Truck

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Jean Phillips

6CD627

TRIMLINE SYSTEMS

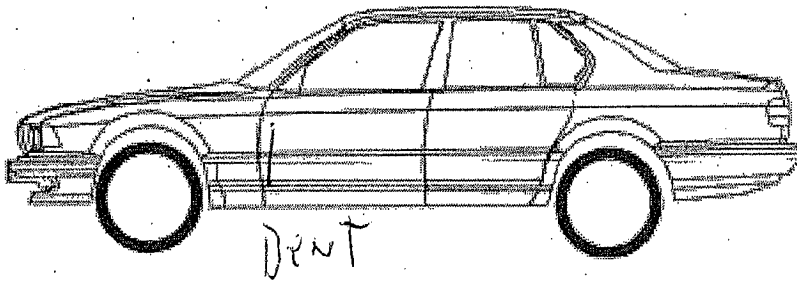
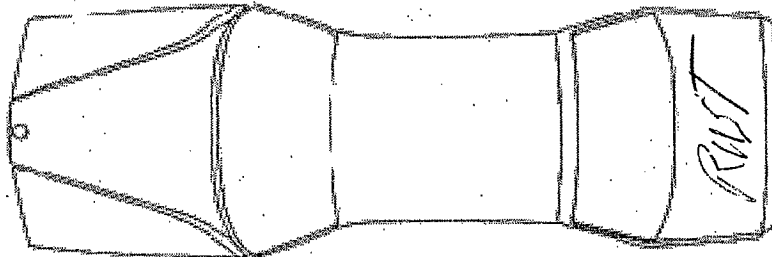
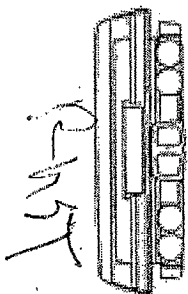
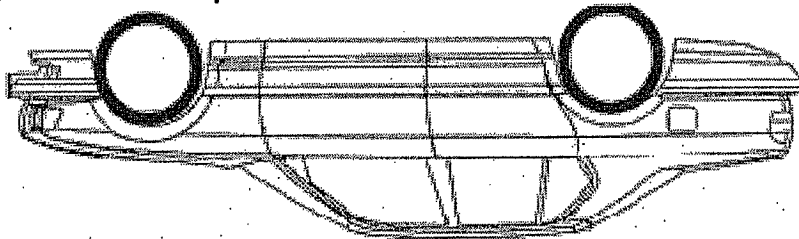
INSPECTION SHEET

DATE: 1 18 11

INSPECTION CARRIED OUT BY: ROD E

MAKE/MODEL: Toyota pickup

REGISTRATION No: 4TARNO1P2PZ125703



INSPECTION COMMENTS:

OWNERS SIGNATURE:

DATE:

1 18 11

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1993 Toyota P/U
Model P/U
VIN 4TARNO1P2P2125703
Alaska Plate No. GCD627

to Fairbanks North Star Borough for a period of up to 5 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/18/2011

Jean Phillips
Vehicle Owner (Signature)

JEAN Phillips
(Printed Name)

5132 HAYSTACK DR
(Street/P.O. Box)

FAIRBANKS AK 99712
(City/ZIP)

Signature of Authorized Fairbanks North Star
Borough Representative

VEH #21

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2003 Make MITSUBISHI Model Eclipse

Owner's name CHERY WILLIAMS and phone no. 459-1002 378-7869

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/18/11

Time 14:30

Odometer 78 707

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 3.0 liters or cubic inches # Cylinders V6

Engine family 3DSV3.0GNS and Emission controls CALIFORNIA (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # MEHOT2 State AK MILEAGE AT PRE INSPECTION 78,562

VIN 4A3AC84H63E018713

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>6</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>6</u>	Condition	<u>C</u>	
	Radiator Fluid	Level	<u>6</u>	Condition	<u>C</u>	

Staffer's Initials KE

Date 1/18/11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make _____
Model _____
VIN _____
Alaska Plate No. _____

to Fairbanks North Star Borough for a period of up to _____ days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 18 11

Vehicle Owner (Signature)

Chris William

(Printed Name)

(Street/P.O. Box)

(City/ZIP)

Signature of Authorized Fairbanks North Star
Borough Representative

Chris Williams
MEHOT2

TRIMLINE SYSTEMS

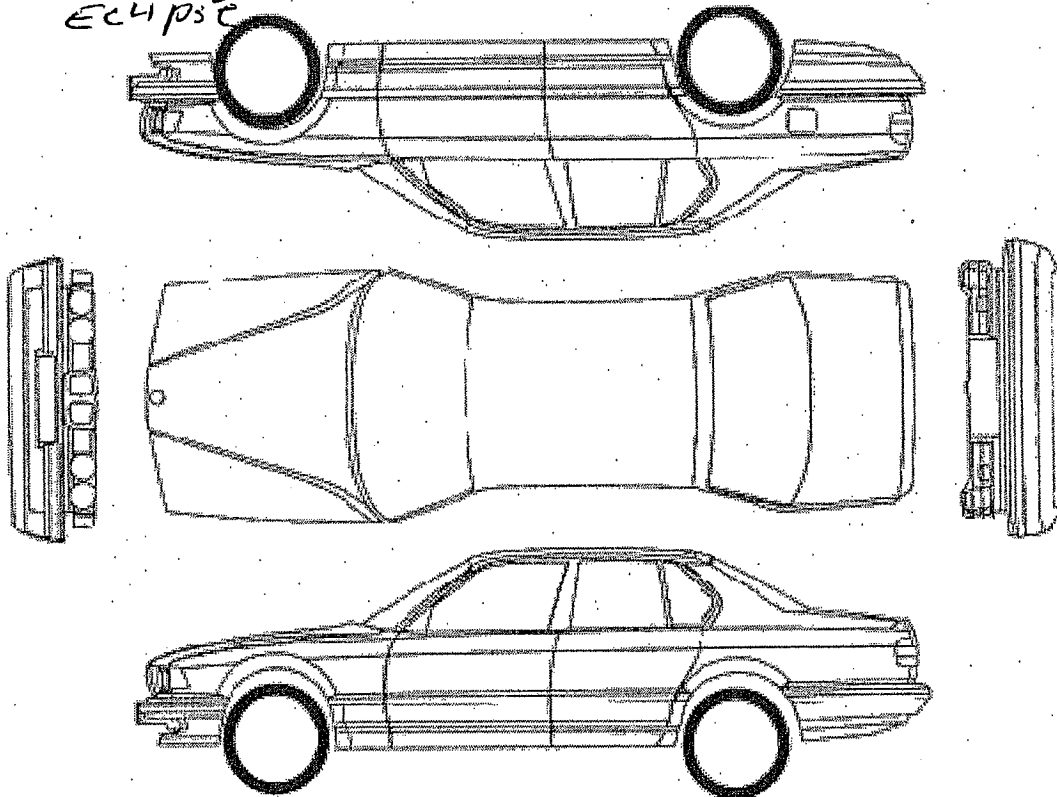
INSPECTION SHEET

DATE: 1 18 11

INSPECTION CARRIED OUT BY: R D E.

MAKE/MODEL: Mitsubishi
Eclipse

REGISTRATION No: YA3AC 84H63 6E018713



INSPECTION COMMENTS:

OWNERS SIGNATURE:

DATE:

1 18 11

VEH 22

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2006 Make Toyota Model Tundra 4WD

Owner's name Carrie Cooper and phone no. 388-2518

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/18/11

Time 16:20

Odometer 87156

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 4.7 liter or cubic inches # Cylinders 8

Engine family _____ and Emission controls None (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F R AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims)-available (Y or N)?

License # EZZ 536 State AK ODD 87,009

VIN 5TBDT4410655368867

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>6</u>	Condition <u>C</u> (Black/Clean?)
Transmission Fluid	Level <u>6</u>	Condition <u>C</u>
Radiator Fluid	Level <u>6</u>	Condition <u>C</u>

Staffer's Initials VS

Date 1/18/11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip <i>Tip needs to be removed (1 day)</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

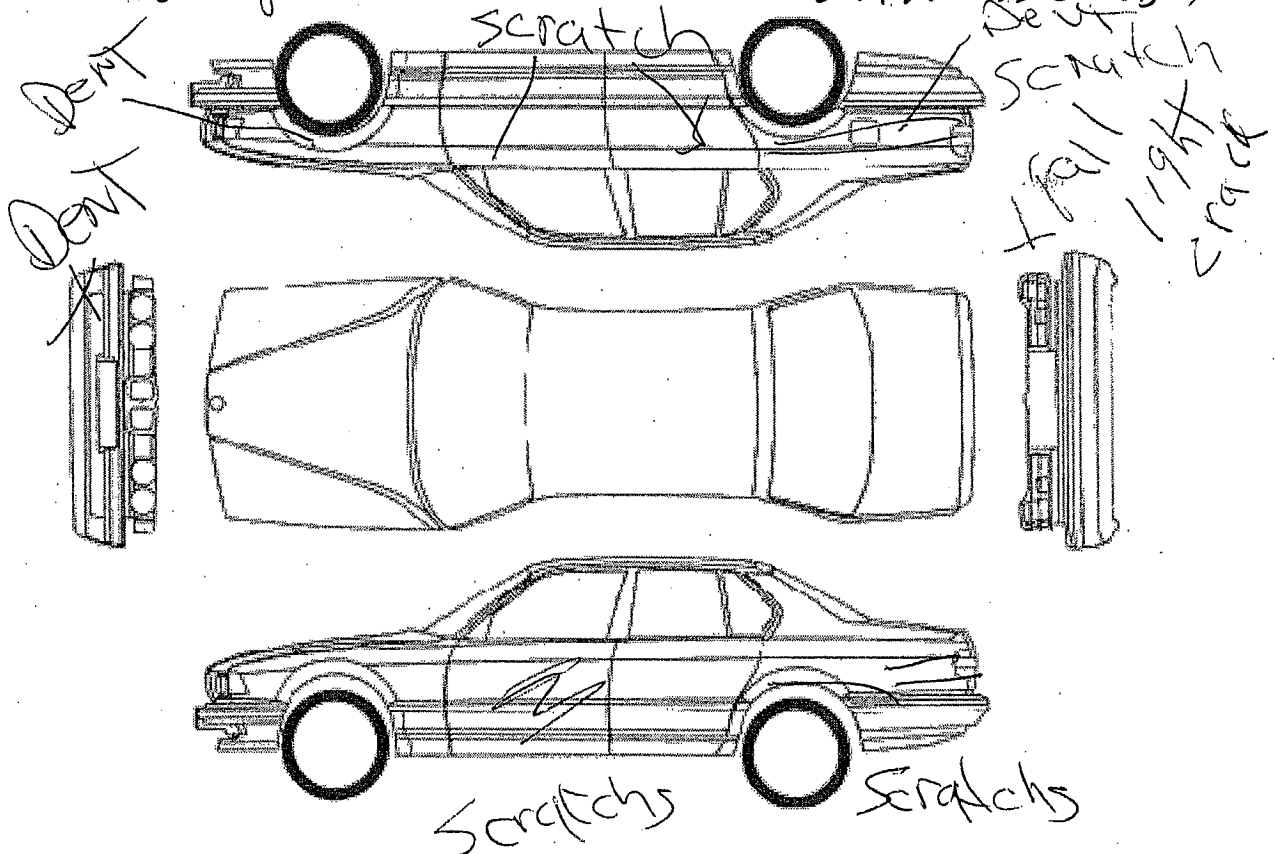
In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Carrie Cooper
License:
E 27536

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE: 1/18/2011 INSPECTION CARRIED OUT BY: Rodney E.
MAKE/MODEL: 06 Toyota Tundra REGISTRATION No: STBDT4410655368867



INSPECTION COMMENTS:

OWNERS SIGNATURE

Carrie M Cooper

DATE:

1 18 11

Carrie Cooper

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2006 Toyota
Model Tundra
VIN 5TBDT441065536867
Alaska Plate No. EZZ584

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 7/18/2011

Carrie M Cooper

Vehicle Owner (Signature)

Carrie Cooper

(Printed Name)

116 Hickory Drive

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)

388-2518 cell

Signature of Authorized Fairbanks North Star
Borough Representative

VEH 23

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1986 Make FORD Model F150

Owner's name Dan FALKOWSKI and phone no. ~~388 6737~~ 388 6737

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/18/11

Time 14:30

Odometer 93124

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 5.0 liters or cubic inches # Cylinders 8

Engine family M50T5HAG9 and Emission controls FEDERAL (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # 5089DJ State AK ODOMETER AT PRE INSPECTION 93,091

VIN 1FTEFHNOGPA80160

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level _____	Condition _____	(Black/Clean?)
	Transmission Fluid	Level _____	Condition _____	
	Radiator Fluid	Level _____	Condition _____	

Staffer's Initials _____ Date _____

CLUTCH ENGAGES LOW TO FLOOR
STARTER BUTTON ON BOTTOM OF DASH

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Dan Falkowski

TRIMLINE SYSTEMS

License:
508905

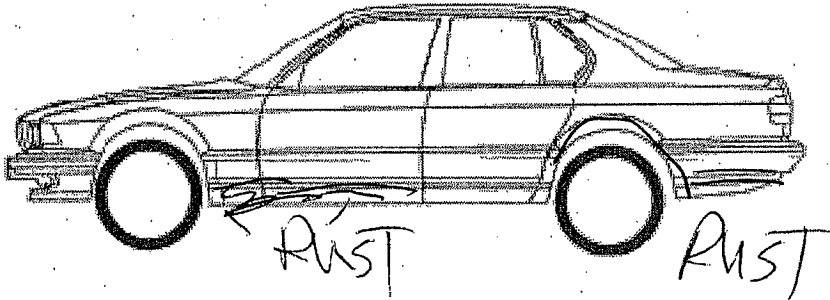
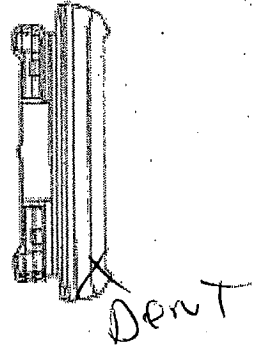
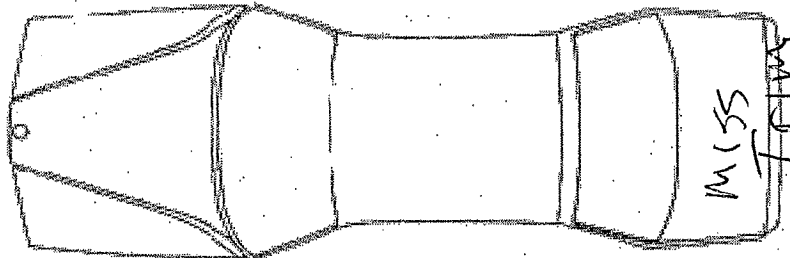
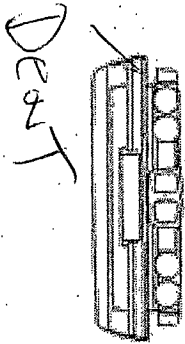
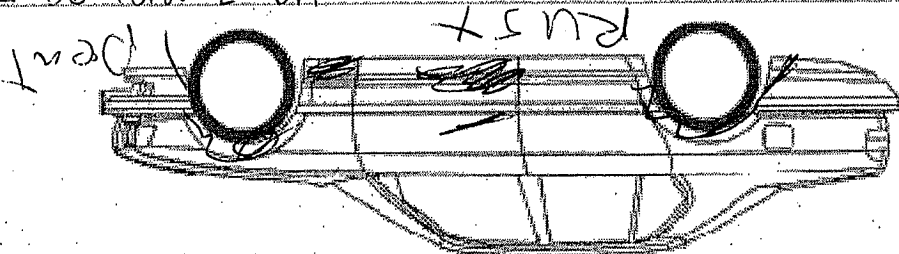
INSPECTION SHEET

DATE: 1/18/2011

INSPECTION CARRIED OUT BY: Rodney E

MAKE/MODEL: 86' Ford 2.0h

REGISTRATION No:



INSPECTION COMMENTS:

OWNER'S SIGNATURE:

DATE: 1 18 11

93 124

Dan Falkowski

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1986 Ford
Model ½ ton pickup
VIN 1FTEF14N09PA8D16
Alaska Plate No. 50890J

to Fairbanks North Star Borough for a period of up to _____ days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/18/2011

Vehicle Owner (Signature)

Dan Falkowski

(Printed Name)

746 Goldstreak Road

(Street/P.O. Box)

Fairbanks, AK 99712

(City/ZIP)

388-6737 cell

Signature of Authorized Fairbanks North Star
Borough Representative

Dated: 1-18-11

Dan Falowski

Vehicle Owner (Signature)

DAN FALOWSKI

(Printed Name)

746 GoldSTEAK RD

(Street/P.O. Box)

FAIRBANKS, AK 99712

(City/ZIP)

Signature of Authorized Fairbanks North Star
Borough Representative

VEH # 24

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2009 Make Ford Model Focus sedan
Owner's name Victor Lorenzo and phone no. 490-6574 460 8365

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/18/11
Time 12:30
Odometer 23932

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.0 (l) liters or cubic inches # Cylinders 4

Engine family _____ and Emission controls _____ (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle FR, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FLZ474 State AK 000-23,498 at pres Insp

VIN 1FAHP36N89W122821

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>G</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>G</u>	Condition	<u>C</u>	
	Radiator Fluid	Level	<u>G</u>	Condition	<u>C</u>	

Staffer's Initials [Signature] Date 1/18/11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have <u>all season</u> or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Victor Lorenzo

TRIMLINE SYSTEMS

License:
FLZ471

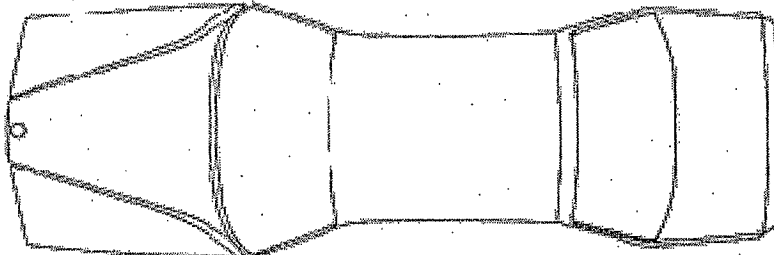
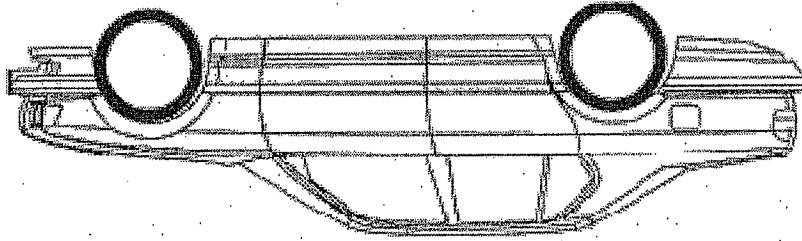
INSPECTION SHEET

DATE: 1/18/2011

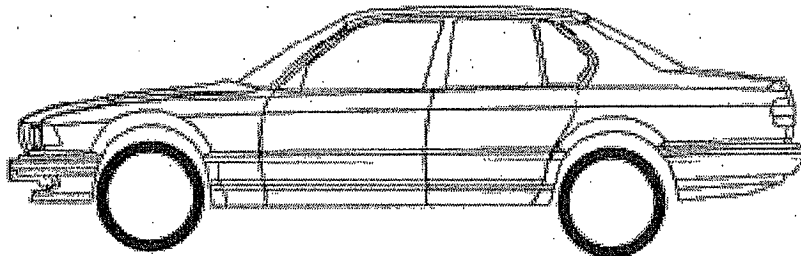
INSPECTION CARRIED OUT BY: Rodney E.

MAKE/MODEL: 09 Ford Focus

REGISTRATION No: 1FANP36N89W172821



Scratches



INSPECTION COMMENTS:

OWNERS SIGNATURE:

Victor Lorenzo

DATE:

1 18 11

Victor Lorenzo

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2009 Ford
Model Focus
VIN 1FAHP36N89W122821
Alaska Plate No. FLZ47H

to Fairbanks North Star Borough for a period of up to 4 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

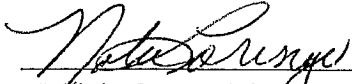
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/18/2016



Vehicle Owner (Signature)

Victor Lorenzo

(Printed Name)

2433 Mission Dr.

(Street/P.O. Box)

North Pole, AK 99705

(City/ZIP)

Signature of Authorized Fairbanks North Star
Borough Representative

VEH #25

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1995 Make ISUZU Model RODEO

Owner's name Art Greenwalt and phone no. 374-3043

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/19/11

Time 15:00

Odometer 175481

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 3.2 liters or cubic inches # Cylinders 6

Engine family _____ and Emission controls FEDERAL (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # CWY 332 State AK MILEAGE AT _____

VIN 4S2CM5BVIS418601

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level _____	Condition _____	(Black/Clean?)
Transmission Fluid	Level _____	Condition _____	
Radiator Fluid	Level _____	Condition _____	

Staffer's Initials VE

Date 1-19-11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Art Greenwalt

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1995 Isuzu
Model Rodeo
VIN 4S2CM58U154348601
Alaska Plate No. CWX 332

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

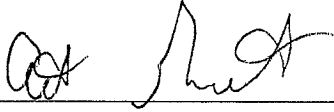
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1-19-11



Vehicle Owner (Signature)

Art Greenwalt

(Printed Name)

1620 Washington Dr. Apt #79

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)

347-3043 cell

Signature of Authorized Fairbanks North Star
Borough Representative

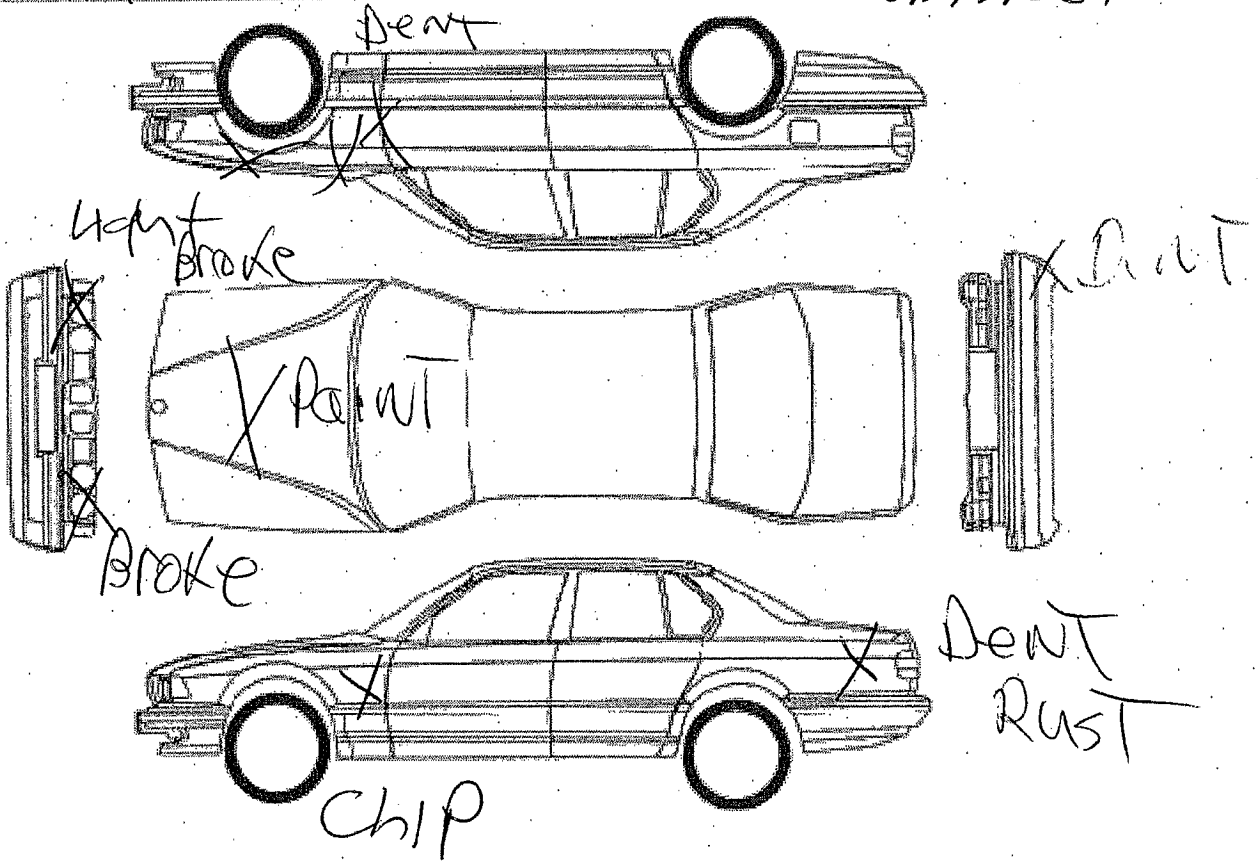
Art Greenwalt

CWX332

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE: 1-19-11 INSPECTION CARRIED OUT BY: ROD E.
MAKE/MODEL: ISUZU Rodeo REGISTRATION No: 452CM58U154348601



INSPECTION COMMENTS:

OWNERS SIGNATURE: A. [Signature]

DATE: 1/19/11

VEH #26

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year '989 Make Jeep Cherokee Model Cherokee

Owner's name Dylan McFadden and phone no. 457-4532

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/19/11

Time 15:30

Odometer 147677

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 4.0 liters or cubic inches # Cylinders 6

Engine family _____ and Emission controls _____ (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F R AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FRNB79 State AK MILEAGE AT INSPECTION

VIN 1J4FJ37LCKL509651 147,573

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>0</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>0</u>	Condition	<u>C</u>	
	Radiator Fluid	Level	<u>C</u>	Condition	<u>C</u>	

Staffer's Initials KS

Date 1-19-11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Dylan McFarlene

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1989 Jeep
Model Cherokee
VIN 1J4FJ27L0K509651
Alaska Plate No. FRN87S

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

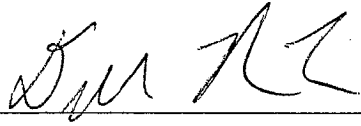
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1-19-11



Vehicle Owner (Signature)

Dylan McFarlane

(Printed Name)

PO Box 80386

(Street/P.O. Box)

Fairbanks, AK 99708

(City/ZIP)

457-4532

Signature of Authorized Fairbanks North Star
Borough Representative

Dylan Metcalfe

#FRW879

TRIMLINE SYSTEMS

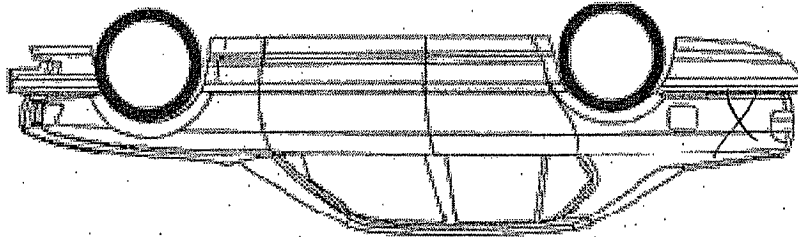
INSPECTION SHEET

DATE: 1-19-11

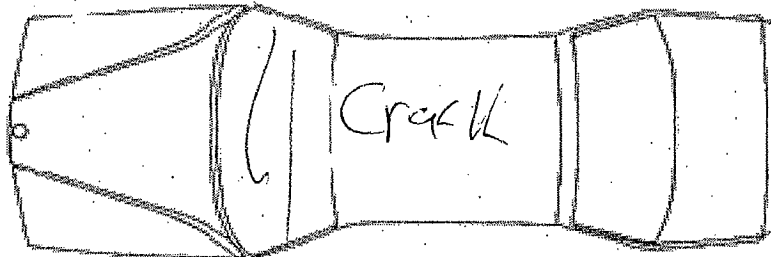
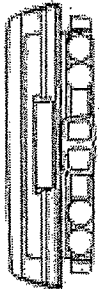
INSPECTION CARRIED OUT BY: ROD E

MAKE/MODEL: Jeep Cherokee

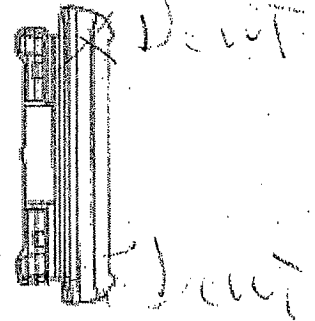
REGISTRATION No: 159FJ72LOKLS09651



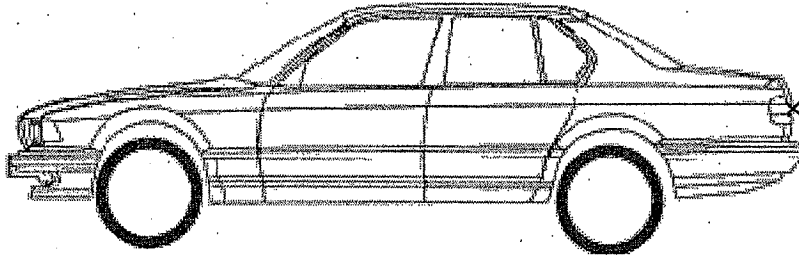
Decont



Crack



Brake tail light



INSPECTION COMMENTS:

OWNERS SIGNATURE:

[Handwritten Signature]

DATE:

1-19-11

VEH # 27

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2005 Make Ford Model Explorer

Owner's name Bess Rounds and phone no. 450-8001 W

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/21/11

Time :

Odometer 41465

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 4.0L liters or cubic inches # Cylinders 6

Engine family 5FMYT070216 and Emission controls TWC/NOx/EGR/SP (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling yes on console

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # KRA240 State AK

VIN 1FMDU74K45UA41080 OC 41465

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <input checked="" type="checkbox"/>	Condition <u>cl</u> (Black/Clean?)
Transmission Fluid	Level <input type="checkbox"/>	Condition <u> </u>
Radiator Fluid	Level <input checked="" type="checkbox"/>	Condition <u>cl</u>

Staffer's Initials R

Date 1-21-11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

Bess Rounel's

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2005 Ford
Model Explorer
VIN 1FMDU74K45VA41088
Alaska Plate No. KRAZ40

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: _____

Bes Rounds

Vehicle Owner (Signature)

Bes Rounds

(Printed Name)

572 Bennington Dr.

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)

450-8001 work, 452-5229 home

Signature of Authorized Fairbanks North Star
Borough Representative

//

Bass Rounds

#KRAZ40

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE:

1 21 11

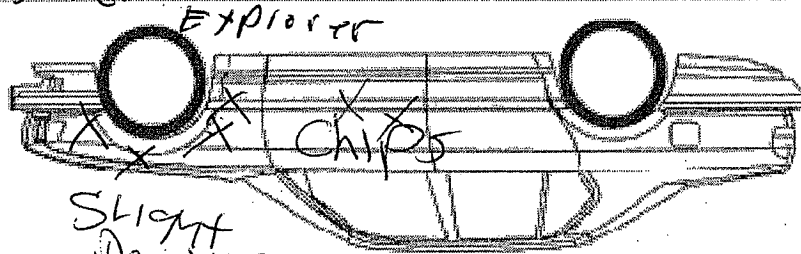
INSPECTION CARRIED OUT BY:

KOP

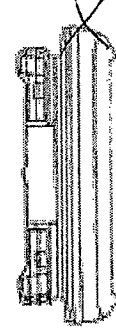
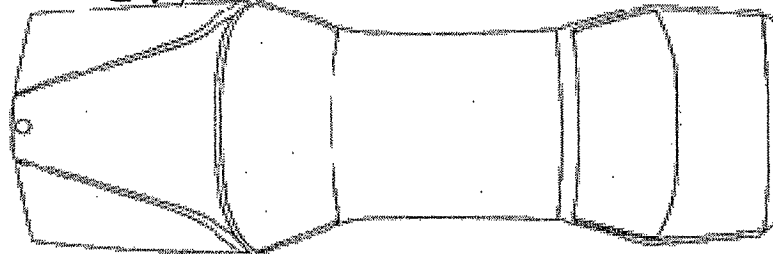
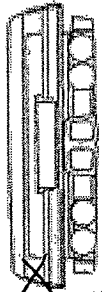
MAKE/MODEL:

2005 Ford

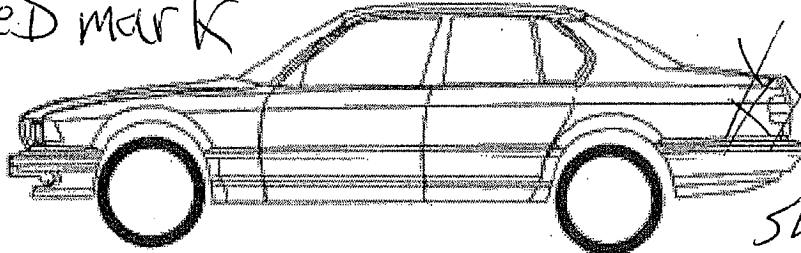
REGISTRATION No:



Slight Dent



X Red mark



Slight Dent

INSPECTION COMMENTS:

OWNERS SIGNATURE:

DATE:

1 21 11

41485

VEH # 28

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2007 Make Toyota Model FJ CRUISER, 4WD

Owner's name Ken Lovell and phone no. 378-7150

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/21/16

Time 09:00

Odometer 52993

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 4.0 liters or cubic inches # Cylinders 6

Engine family 7Y4T04, DAEM and Emission controls SFI / 24V / 2WD / TWC (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling Center Dash

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FFP-351 State AK

VIN JT2BU11E670091137

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <input checked="" type="checkbox"/>	Condition <u>Clean</u> (Black/Clean?)
Transmission Fluid	Level <input checked="" type="checkbox"/>	Condition _____
Radiator Fluid	Level <input checked="" type="checkbox"/>	Condition <u>✓</u>

Staffer's Initials SLC

Date _____

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make	<u>2007 Toyota</u>
Model	<u>Cruiser</u>
VIN	<u>JTEBU11F670094137</u>
Alaska Plate No.	<u>FFP351</u>

to Fairbanks North Star Borough for a period of up to 5 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough’s dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee’s operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for “loss” in any one “accident” is the lesser of the actual cash value of the damaged or stolen property as of the time of the “loss;” or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total “loss.” If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/21/2011



Vehicle Owner (Signature)

Ron Lovell

(Printed Name)

1514 28th Ave

(Street/P.O. Box)

Fairbanks AK 99701

(City/ZIP)

459-1001 work

Signature of Authorized Fairbanks North Star
Borough Representative

TRIMLINE SYSTEMS

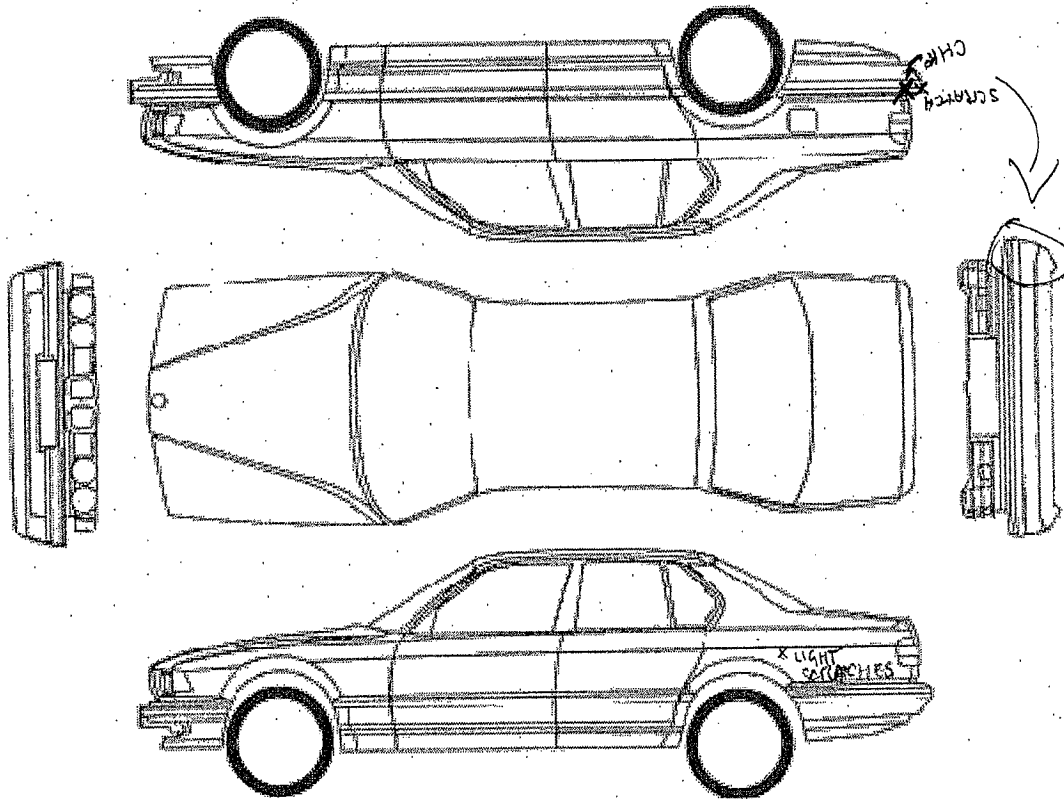
INSPECTION SHEET

DATE: 1/24/14

INSPECTION CARRIED OUT BY:

MAKE/MODEL: 07 FS CRUISER

REGISTRATION No:



INSPECTION COMMENTS:

OWNERS SIGNATURE:

DATE:

12:45pm

VEH 29

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2004 Make Ford Model Focus

Owner's name Jim Larsen and phone no. 388-8685

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/21/11

Time 1:30pm

Odometer 63361

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.0 liters or cubic inches # Cylinders 4

Engine family 4FMYV02.0VH1 and Emission controls TWC / H2S / EG2 / SFE (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # FBW 887 State AK

VIN 1FAFP33F14W143154 ODO 63350

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <u>G</u>	Condition <u>Clean</u> (Black/Clean?)
Transmission Fluid	Level <u>G</u>	Condition <u>✓</u>
Radiator Fluid	Level <u>G</u>	Condition <u>✓</u>

Staffer's Initials JL

Date 1/21/11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2004 Ford
Model Focus
VIN 1FAFP33P14W143158
Alaska Plate No. FBW887

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

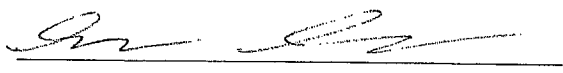
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1-21-2011



Vehicle Owner (Signature)

Ian Larsen

(Printed Name)

PO Box 10158

(Street/P.O. Box)

Fairbanks, AK 99710

(City/ZIP)

388-8685 cell

Signature of Authorized Fairbanks North Star
Borough Representative

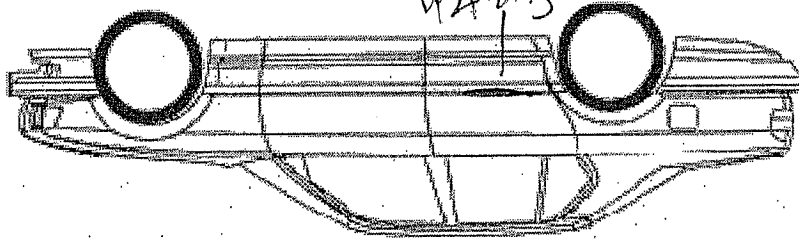
Ian Larsen

TRIMLINE SYSTEMS

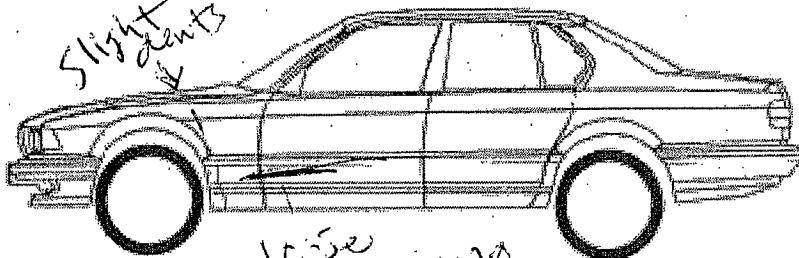
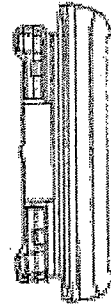
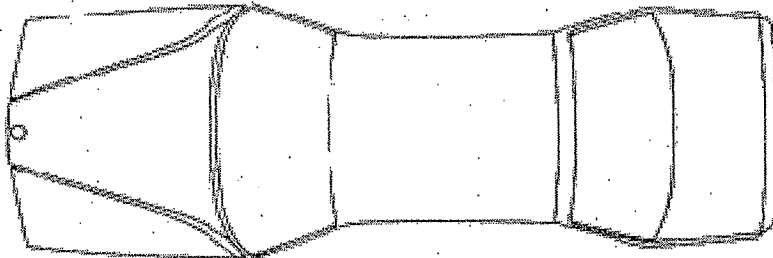
FBW 887

INSPECTION SHEET

DATE: 1/21/11 INSPECTION CARRIED OUT BY: M. Line
MAKE/MODEL: 09 Ford Focus REGISTRATION No: W2475



Broken Bumper
Cracked
scrapes



Slight dents

Loose
molding

INSPECTION COMMENTS:

Front bumper broken, cracked on front.

OWNER'S SIGNATURE:

[Handwritten signature]

DATE:

1-21-2011

VEH[#] 30

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2001 Make Honda Model Civic EX

Owner's name Bobby Desrosiers and phone no. 750-3406

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 12/11

Time 12:30

Odometer 124997

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 1.7 liters or cubic inches # Cylinders 4

Engine family 1N4K1017XS9 and Emission controls _____ (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # 6CA 555 State AK

VIN 1HGEM121951L041190

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<input checked="" type="checkbox"/>	Condition	<u>Clear</u>	(Black/Clean?)
	Transmission Fluid	Level	_____	Condition	_____	
	Radiator Fluid	Level	<input checked="" type="checkbox"/>	Condition	_____	

Staffer's Initials JDL

Date 1/11/11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)? <i>Change over</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work? <i>SRS light on</i>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 2001 Honda
Model Civic
VIN 1HGEM21951LO41180
Alaska Plate No. 6CR 555

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

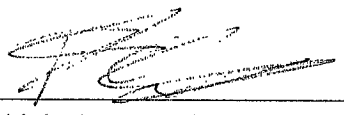
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 21 11



Vehicle Owner (Signature)

Bobby Desrochers

(Printed Name)

306 Slater St.

(Street/P.O. Box)

Fairbanks, AK 99701

(City/ZIP)

750-3406 cell

Signature of Authorized Fairbanks North Star
Borough Representative

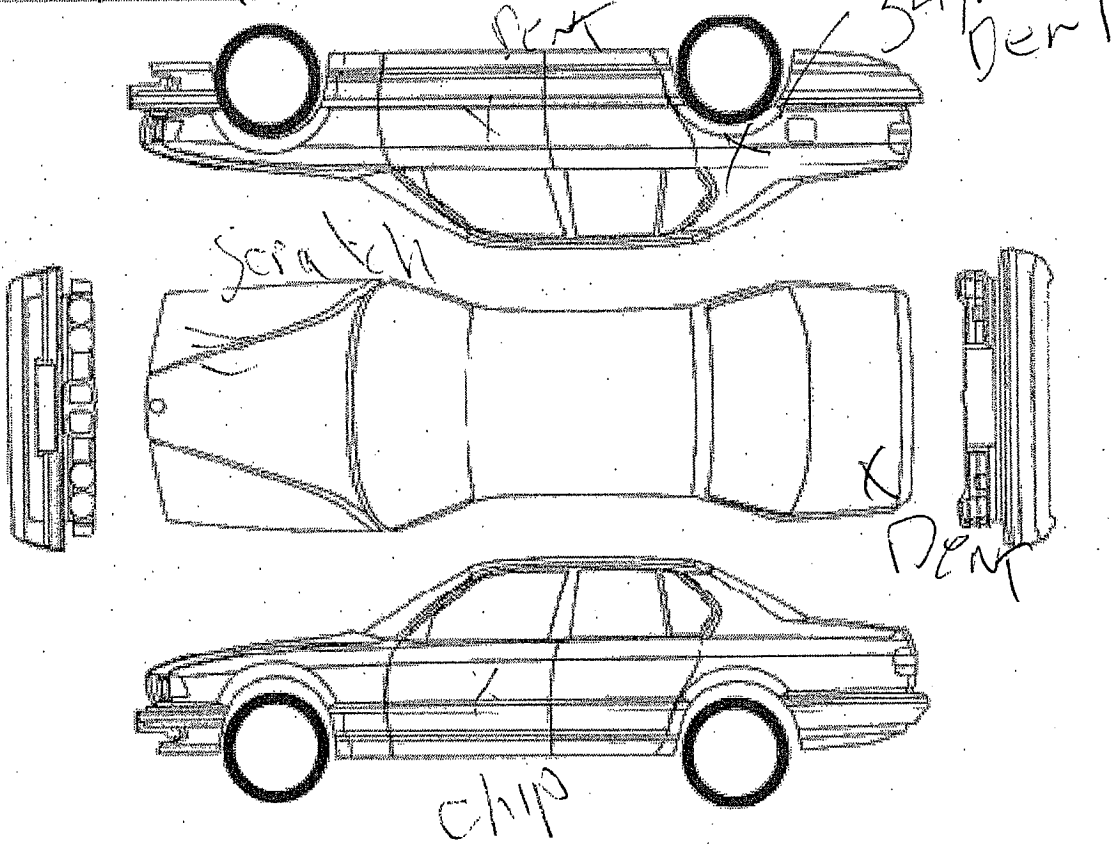
Bobby Desrosiers

GCA 555

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE: 1 21 11 INSPECTION CARRIED OUT BY: ROP 6 L041180
 MAKE/MODEL: 2001 Honda Civic REGISTRATION No: 1H6EM21951



INSPECTION COMMENTS:

OWNERS SIGNATURE: *[Signature]* DATE: _____

GCA 555 124972

VEH # 31

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1985 Make TOYOTA Model Pickup 4WD
Owner's name TREVOR OESTER and phone no. 799-9707

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date / /

Time :

Odometer 188532

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 2.4 liters or cubic inches # Cylinders 4

Engine family FT424T2AFTI and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # 7781CD State AK MILEAGE AT INSPECTION 188,481

VIN JT4RN65DIF5088401

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level _____	Condition _____	(Black/Clean?)
	Transmission Fluid	Level _____	Condition _____	
	Radiator Fluid	Level _____	Condition _____	

Staffer's Initials _____ Date _____

NOTE! MUFFLER NEED TO BE REPLACED!

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle.

Year & Make 1985
Model Toyota Pickup
VIN JT4RN65DIF5088401
Alaska Plate No. 7781CD

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra); acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing.

The owner also agrees to participate in a second phase of testing, tentatively scheduled for January. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1/21/2010

Bonnie Broman

Vehicle Owner (Signature)

BONNIE BROMAN

(Printed Name)

2445 A Maria St

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)

[Signature]

Signature of Authorized Fairbanks North Star
Borough Representative

VEH# 32

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1990 Make FORD Model THUNDERBOLT

Owner's name MITCH HANSON and phone no. 460-4944

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1 / 22 / 11

Time 15 : 10

Odometer 91416

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 3.8 liters or cubic inches # Cylinders V6

Engine family LFM3.8V5FYFB and Emission controls Federal (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # 395 NBX State WA MILEAGE AT PRE INSPECTION

VIN 1FAPP6049LH148448 91,295

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>6</u>	Condition	<u>C</u> (Black/Clean?)
	Transmission Fluid	Level	<u>6</u>	Condition	<u>C</u>
	Radiator Fluid	Level	<u>6</u>	Condition	<u>C</u>

Staffer's Initials [Signature]

Date 1 / 22 / 11

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Does the block heater work?

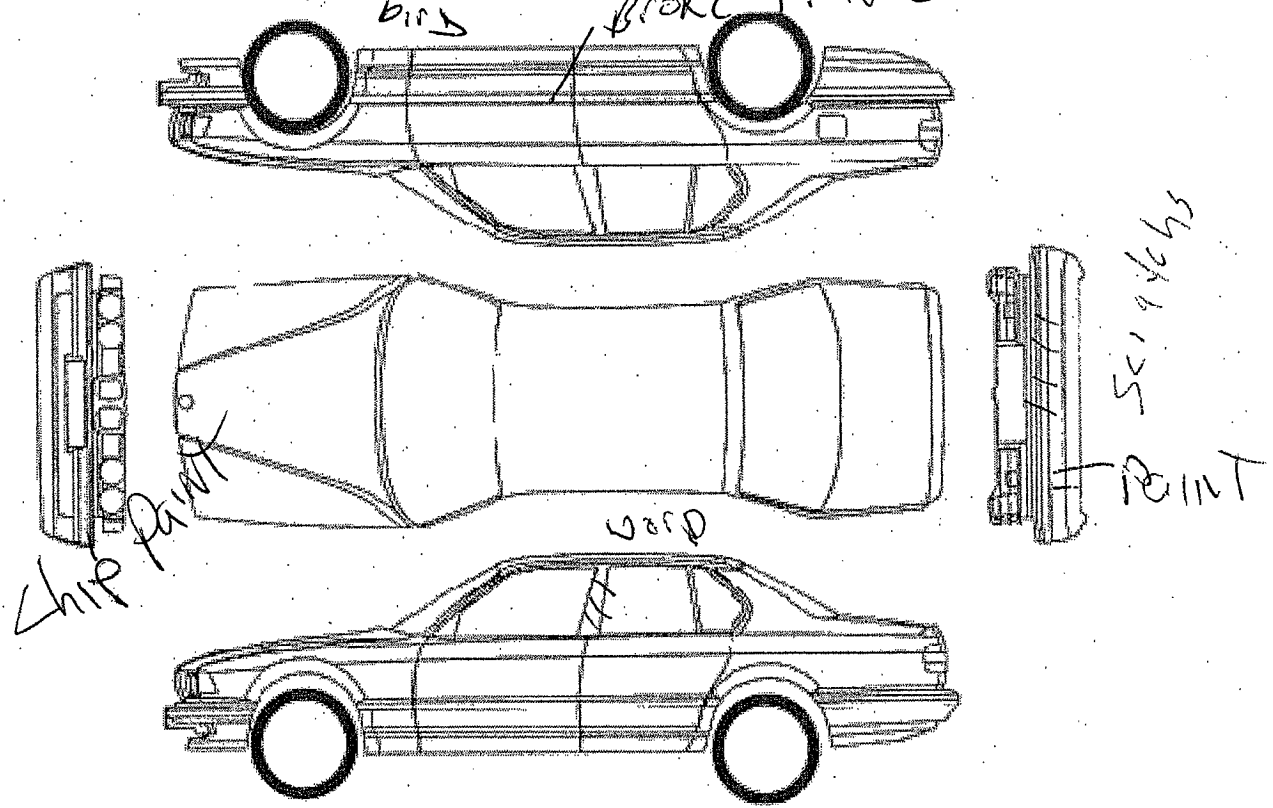
In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

TRIMLINE SYSTEMS

INSPECTION SHEET

DATE: 1 22 11 INSPECTION CARRIED OUT BY: ROY E

MAKE/MODEL: 90 Ford Thunderbird REGISTRATION No: *birds* *broke TRAIL*



INSPECTION COMMENTS: Keys in vehicles

OWNERS SIGNATURE: *Mitchell Dawson* DATE: 1 22 11

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1990 Ford
Model Thunderbird
VIN 1FAFP6049LH148448
Alaska Plate No. 3SS NBX

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: _____



Vehicle Owner (Signature)

Mitch Hanson

(Printed Name)

PO Box 60582

(Street/P.O. Box)

Fairbanks, AK 99706

(City/ZIP)

460-4944 cell

Signature of Authorized Fairbanks North Star
Borough Representative

VEH # 33

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 1988 Make DOODGE Model DAKOTA

Owner's name Catherine Williams and phone no. 590-955/474-7050

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/23/11

Time 15:30

Odometer 216649

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 3.9 liters or cubic inches # Cylinders V6

Engine family JCR39T5HFMB and Emission controls FEDERAL (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N) if No, are summer tires (on rims) available (Y or N)?

License # 9104CL State AK ODOMETER AT PIC insp 216,523

VIN 1B7GA4X1J5B8962

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids:	Engine Oil	Level	<u>G</u>	Condition	<u>C</u>	(Black/Clean?)
	Transmission Fluid	Level	<u>G</u>	Condition	<u>C</u>	
	Radiator Fluid	Level	<u>G</u>	Condition	<u>C</u>	

Staffer's Initials WA

Date 1 22 11

A/c CLUTCH MAKING NOISE

Block H-12 GOOD

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is light-duty and gasoline-powered (no Diesels)
<input type="checkbox"/>	<input type="checkbox"/>	Vehicle is Alaska-registered and has been used within the last month
<input type="checkbox"/>	<input type="checkbox"/>	Has only one exhaust pipe/tip
<input type="checkbox"/>	<input type="checkbox"/>	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
<input type="checkbox"/>	<input type="checkbox"/>	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
<input type="checkbox"/>	<input type="checkbox"/>	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
<input type="checkbox"/>	<input type="checkbox"/>	Do the odometer and instrument gauges work?
<input type="checkbox"/>	<input type="checkbox"/>	Are all warning lights off when engine is running?
<input type="checkbox"/>	<input type="checkbox"/>	Are the brakes okay and is the vehicle SAFE to drive on the road?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Does the block heater work? <i>TANK HEATER BEING FIXED BY OWNER</i>

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make 1988 Dodge
Model Dakota
VIN JCR39T>HFMS
Alaska Plate No. 9104CC

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

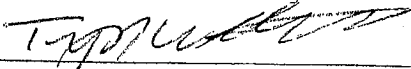
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 23 11



Vehicle Owner (Signature)

Catherine Williams

(Printed Name)

PO Box 61252

(Street/P.O. Box)

Fairbanks, AK 99706

(City/ZIP)

590-1995 cell, 474-7050 work

Signature of Authorized Fairbanks North Star
Borough Representative

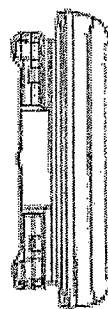
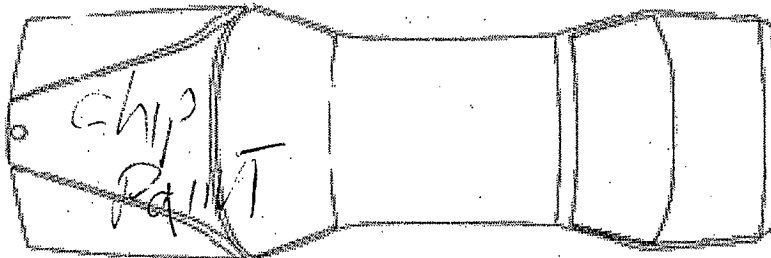
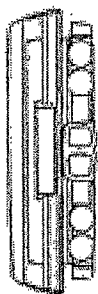
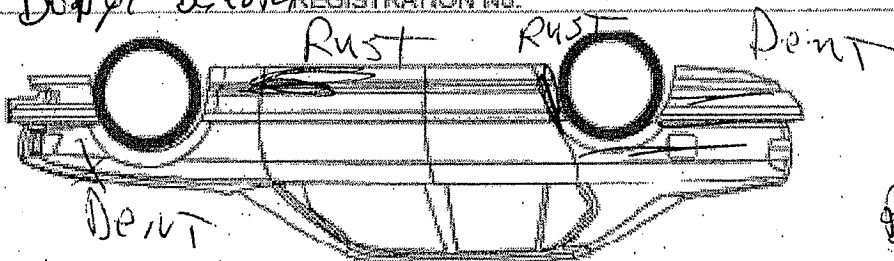
Catherine Williams

9104CL

TRIMLINE SYSTEMS

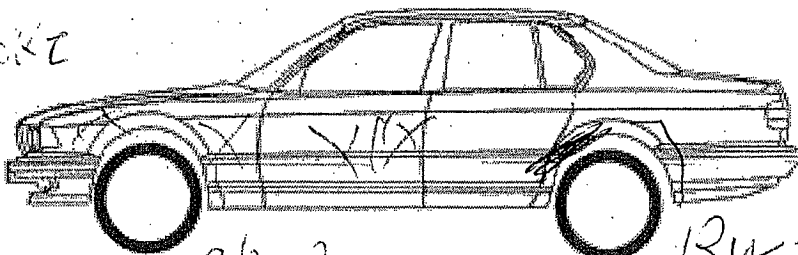
INSPECTION SHEET

DATE: 1/28/23
INSPECTION CARRIED OUT BY: RDA
MAKE/MODEL: 88 Dodge Dakota REGISTRATION No:



Broke fall 490+

Dent Back Bumper



Dent

INSPECTION COMMENTS:

Tires in back Spare tire in back
fuel full

OWNERS SIGNATURE: *Catherine Williams* DATE: 1/28/23

91-416

216649

VEN A 34

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 05 Make FORD Model F250 P/U

Owner's name JOSHUA FRASIER and phone no. 540-244-9114

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date 1/23/11

Time :

Odometer 60,390

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 5.4 liters or cubic inches # Cylinders 8

Engine family 5FMYKAS4SFS and Emission controls AWD (from under hood label)

Transmission (circle auto or manual) Auto Drive wheels (circle F, R, AWD) AWD Exhaust (circle L or R side)

Traction Control (circle Y or N) N and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # GCW980 State AK

VIN 1FTNF21S85EB66741

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level _____	Condition _____ (Black/Clean?)
Transmission Fluid	Level _____	Condition _____
Radiator Fluid	Level _____	Condition _____

Staffer's Initials Bj Date _____

Black HTR 6000

Dyno test results available

PARTICIPATION AGREEMENT

Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make	<u>2005 Ford</u>
Model	<u>F-250</u>
VIN	<u>1FTNF21585EB66741</u>
Alaska Plate No.	<u>GCW980</u>

to Fairbanks North Star Borough for a period of up to 10 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1 23 11

Vehicle Owner (Signature)

Joshua Frazier

(Printed Name)

3667 Cameron St. Apt #3

(Street/P.O. Box)

Fairbanks, AK 99709

(City/ZIP)

540 244-9114 cell

Signature of Authorized Fairbanks North Star

Borough Representative

Joshua Frazier

6CW980

TRIMLINE SYSTEMS

INSPECTION SHEET

23

DATE:

1 23 11

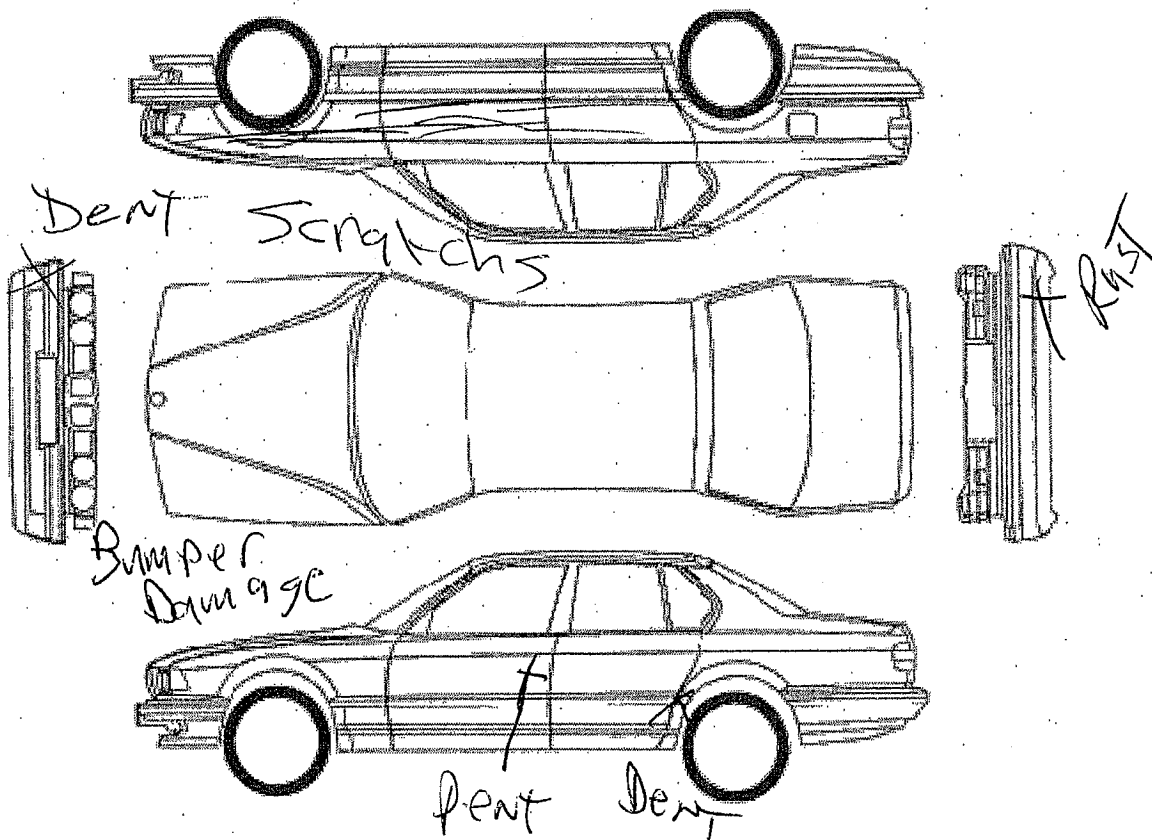
INSPECTION CARRIED OUT BY:

BOD E.

MAKE/MODEL: 2005 Ford F-250

REGISTRATION No:

1FTNF21585E866741



INSPECTION COMMENTS:

Dents need to inspect

OWNERS SIGNATURE:

DATE:

1 21 11

60390

VEH # 35

Vehicle Information to be Entered by Vehicle Screener

(Note - the form must be completed and legible for each vehicle, and must be accompanied by a signed owners participation agreement in order for the vehicle to be accepted for testing.)

Model Year 2001 Make Chery Model Silverado K2500 HD, 4WD

Owner's name Trudy Pink and phone no. 488-8111 590-0654

Date, time and odometer when vehicle, keys and signed participation agreement are dropped off at test location by the owner:

Date / /

Time :

Odometer

Condition of vehicle when received (describe any significant scratches, dents, breakage, obvious defects (note to owner and take photos if obvious damage):

Engine Displacement 6.0 liters or cubic inches # Cylinders 8

Engine family KMYH0605⁹³ and Emission controls SFI/ELR/HOS/TWC (from under hood label)

Transmission (circle auto or manual) Drive wheels (circle F, R, AWD) Exhaust (circle L or R side)

Traction Control (circle Y or N) and location for disabling _____

Tires suitable for dyno (Y or N), if No, are summer tires (on rims) available (Y or N)?

License # ER-1733 State AK

VIN 1GCHK29U1E229094

15,9379

If any fluids are low, determine if excessive leakage or simply neglect. If leakage is excessive, exclude the vehicle. If simple neglect, adjust the fluid level.

Fluids: Engine Oil	Level <input checked="" type="checkbox"/>	Condition _____ (Black/Clean?)
Transmission Fluid	Level _____	Condition _____
Radiator Fluid	Level _____	Condition _____

Staffer's Initials RS Date _____

Black HIL DAY

Phone Screening by the Vehicle Coordinator (Nadine Winters)

If any 'Poor' condition or 'No' is checked, exclude vehicle from test program.

Good/ Yes	Poor/ No	
___	___	Vehicle is light-duty and gasoline-powered (no Diesels)
___	___	Vehicle is Alaska-registered and has been used within the last month
___	___	Has only one exhaust pipe/tip
___	___	Tire tread and sidewall in good condition (KS checks for cracks, bubbles, worn tread, etc.)
___	___	Does the vehicle have all season or normal winter tires (as compared to soft compound winter type tires, e.g. Blizzak, or studded tires – neither of which can be used on the dyno)?
___	___	Are engine, radiator & brake systems free of obvious leaks (i.e. no drips underneath)
___	___	Exhaust system condition (no obvious holes, leaking, loud, missing tailpipe, etc.)
___	___	Do the odometer and instrument gauges work?
___	___	Are all warning lights off when engine is running?
___	___	Are the brakes okay and is the vehicle SAFE to drive on the road?
___	___	Does the block heater work?

In addition to the above limitations, we will only accept vehicles for which the owner commits to make the vehicle available for testing in both testing periods (January and possibly into February) as needed, and who agrees to permit Carchip data to be collected in their vehicle for up to two weeks.

TRIMLINE SYSTEMS

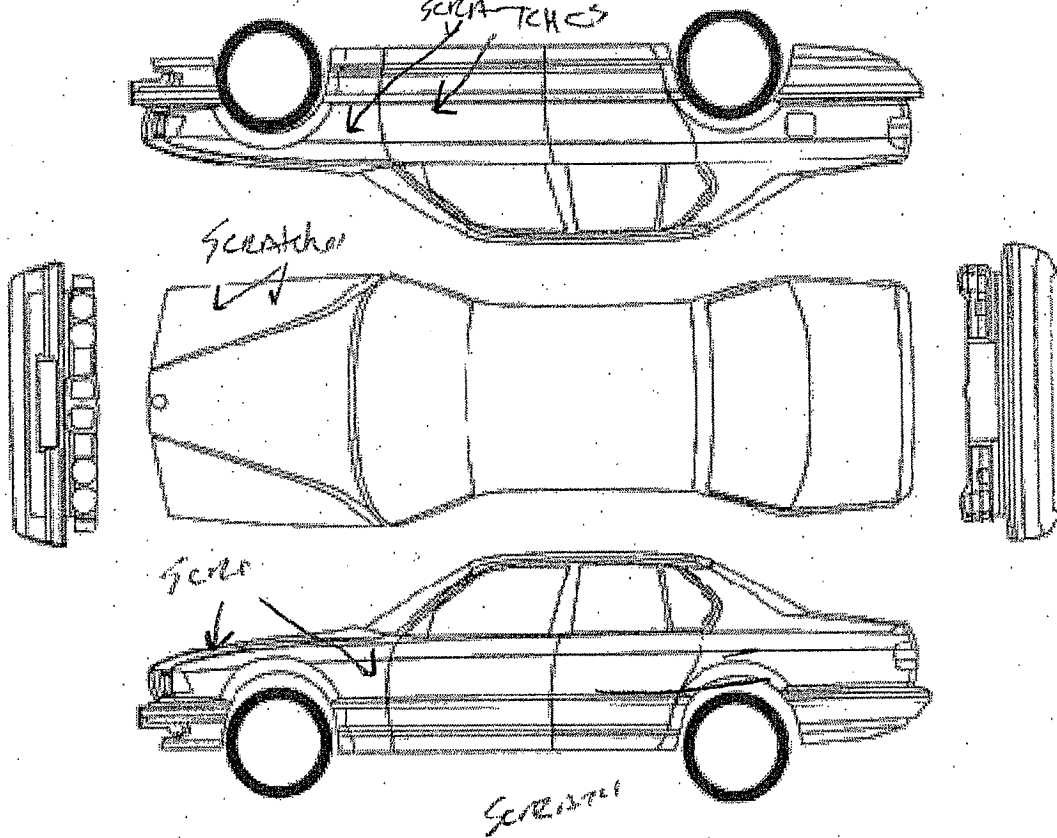
INSPECTION SHEET

DATE: 1/25/2011

INSPECTION CARRIED OUT BY: Kelly

MAKE/MODEL: 2001 Silverado

REGISTRATION No:



INSPECTION COMMENTS:

OWNERS SIGNATURE:

DATE:

PARTICIPATION AGREEMENT
Characterizing Vehicular Contributions to PM_{2.5} in Fairbanks

The undersigned vehicle owner agrees to provide full possession and control of the following vehicle

Year & Make	<u>2001</u>
Model	<u>Chevy Silverado</u>
VIN	<u>1GCHK29U11E229094</u>
Alaska Plate No.	<u>ERY733</u>

to Fairbanks North Star Borough for a period of up to 5 days from the date of execution below in order for Fairbanks North Star Borough (Borough) and Sierra Research (Sierra), acting as a subcontractor to the Alaska Department of Environmental Conservation, to run emission tests on the Borough's dynamometer and on the road.

It is understood that in consideration of the undersigned making his or her vehicle available, the Borough will be responsible for physical or functional damage caused to said vehicle, and any injury to persons caused by Borough employee's operation or use of said vehicle at all times until it is returned to the undersigned. The undersigned agrees that the following rules will apply to payment for loss damage to the vehicle:

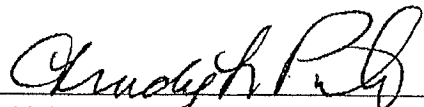
The most the Borough will pay for "loss" in any one "accident" is the lesser of the actual cash value of the damaged or stolen property as of the time of the "loss;" or the cost of repairing or replacing the damaged or stolen property with other property of like kind and quality. An adjustment for depreciation and physical condition will be made in determining actual cash value in the event of a total "loss." If a repair or replacement results in better than like kind or quality, the Borough will not pay for the amount of the betterment.

Fifty dollars per day will be payable to the participant for each full or partial day that Fairbanks North Star Borough has possession of the vehicle, from the day it is signed over to the Borough until the day when the Borough informs the owner that the vehicle is no longer needed in the first phase of testing. Payment will be made by check and mailed to the vehicle owner upon completion of testing.

The owner also agrees to participate in a second phase of testing, if necessary, tentatively scheduled for January or early February. The same daily compensation rate will apply for the second phase testing.

Please date and sign on back of form.

Dated: 1-24-11



Vehicle Owner (Signature)

Trudy Pink

(Printed Name)

3124 VFW Street

(Street/P.O. Box)

North Pole, AK 99705

(City/ZIP)

488-8111 home

590-0654 cell



Signature of Authorized Fairbanks North Star
Borough Representative