



Automated Vehicle Inspection Program (AVIP) Program Overview

History of Vehicle Inspections in Vermont

- Inspection stations in Vermont are privately owned and operated by our business partners
- Inspection stations and certified Inspection Mechanics are licensed by DMV to conduct inspections
- Safety inspections on vehicles required since 1935
- Inspection procedures became Administrative Rules in the 1960s
- Emissions inspections required since 1997
- DMV currently licenses, regulates and manages the safety and emissions inspection program
 - Approximately 1400 inspection station licenses
 - Approximately 5,000 Inspection Mechanic licenses
- Legacy paper-based inspection program
- Adoption of the 2013 Periodic Inspection Manual authorized the commissioner to establish a date by which all inspections would be conducted electronically and to require the purchase of necessary hardware and software from a designated vendor.

New Automated Vehicle Inspection Program (AVIP)

- All inspections conducted using the tablet
 - No paper-based inspection forms accepted once new AVIP equipment set-up
- New AVIP tablet software will determine the test type
 - Standardizes the process
 - Walks Inspection Mechanic through the inspection, step by step
 - Electronically records results
 - Streamlines administrative work
 - Reduces data entry tasks
 - Reduces likelihood of fraud/sticker shopping
 - Eliminates mailing the need to complete a log sheet and mail it to DMV
- Pass/Fail Criteria Remain the same
- Conditional Pass granted for OBD failures in the first year
 - Allows for more advanced training in how to diagnose and repair emissions related concerns
 - Allows for the education of the motoring public on topics such as readiness
 - Allows consumers time to either make repairs or identify other options



PARSONS



- Founded in 1944
- Employee-owned, privately held company; 14,000 employees
- Emphasis on project management and technology
- Designing, implementing, and managing vehicle inspection programs for more than three decades
- Customer service focused
- Local Vermont office in Montpelier

Parsons' Services Provided to Stations for AVIP

Following the State's competitive procurement process, Parsons was selected based on their experience, customer service, equipment offering, cost and overall value to the State. Parsons has been contracted to provide the following services:

Design, Build, Implement and Operate

- IT infrastructure
- Systems development and support
- Custom software
- IT updates
 - No extra fee; directly on tablet
- Program data analysis and reporting
- Database management
- AVIP equipment repair and maintenance services
- Toner for printer
- Technical Support Hotline
- Toll-free calls / no extra charge
- Onsite equipment delivery and set-up
- Onsite station staff training

AVIP Program Management

Inspection Fee: \$2.21 (per inspection pass or fail)

Communications

The following communications have been issued to stations

- September 2013 Inspection Bulletin highlighting changes.
- Verbal communications from field staff.
- September 2016 Inspection Bulletin and invite to outreach sessions.
- Calls from Parsons inviting them to outreach sessions.
- Station Participation Kit
(handed out at outreach session or mailed to station)
- Credential mailing and sign up instructions.
- Calls from Parsons to provide assistance in enrollment process
- Final reminder mailing will be sent out in the next week.

New AVIP Inspection Equipment Package

**Ruggedized Tablet;
Wireless OBD Scan Tool; Wireless Printer; and Wireless Router**



AVIP Equipment Price and Purchase Options

Equipment Price: \$1,624.26 (plus applicable taxes)

Purchase Option #1

(Outright purchase)

Stations may make two payments as follows:

Payable as follows:

50% due when equipment order is placed.....**\$812.13**

50% balance due upon scheduling onsite station set-up of VIS equipment.....**\$812.13**

*Plus all applicable taxes

Purchase Option #2

(Monthly Payments)

Stations may make monthly payments as follows:

Payable as follows:

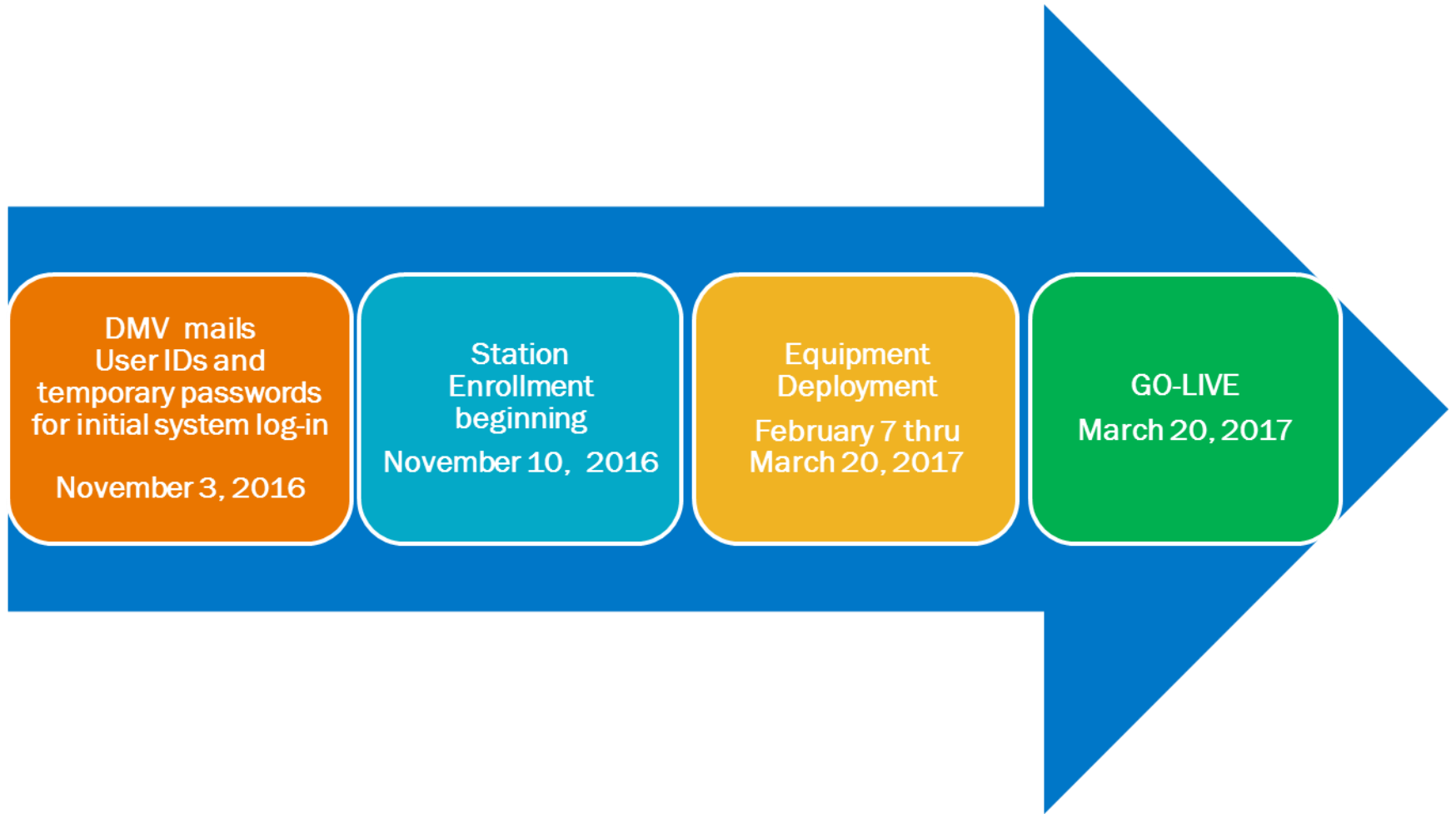
36 monthly payments.....**\$57.15**

Total payment: **\$2,057.40**

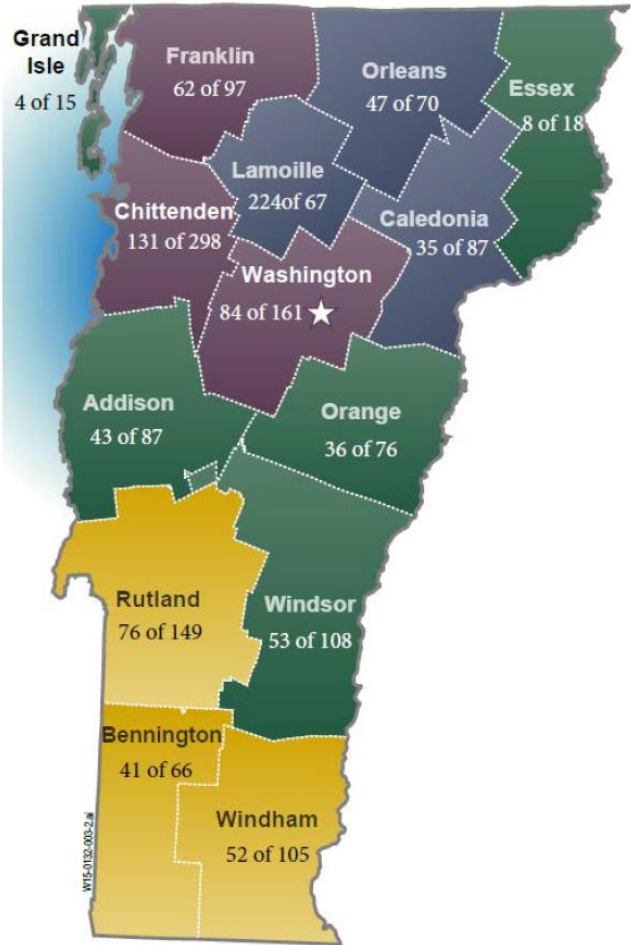
*Plus all applicable taxes

Additional equipment components available for purchase

Key Dates



Current Enrollment



696 Stations Enrolled as of 1/10/2017

New Automated Vehicle Inspection Program (AVIP)

Program Summary

- Sticker inventory and escrow balances managed online through AVIP tablet or portal
- All inspection stations, including sticker replacement facilities, will use Parsons software to conduct inspections and issue sticker replacements.
- Program rules remain the same
- After new program goes live
 - Montpelier will be the only location for sticker pick-up
 - DMV will mail stickers to stations
- State per sticker fee of \$6.00 remains the same
- Parsons will charge a per inspection fee \$2.21
- Equipment must be purchased from Parsons at an approximate cost of \$1,625
- As of March 20, 2017 stations must be conducting inspections electronically, paper based inspections will no longer be allowed

Vehicle Inspection Report (VIR)

- Displays vehicle identification
- Inspection results
 - By inspection type
- Program messages
- Name/location of inspection station
- Inspection Mechanic name and signature
- Print or email to motorist



VEHICLE IDENTIFICATION		
Plate: PLT 123	Model Year: 2009	GVWR: 5500
VIN: KNADE223196536369	Make: KIA	Sticker Number: 16-03765
Veh. Type: CAR/TRUCK	Model: RIO	Sticker Month: 04
Odometer: 64189	Fuel Type: Gasoline	

OVERALL TEST RESULT: PASS

SAFETY INSPECTION RESULT: PASS

Inspection Item	Result	Details
Registration and Insurance	Pass	
Wheels and Tires	Pass	
Steering and Suspension	Pass	
Brake Systems	Pass	
Lighting and Electrical	Pass	
Vehicle Glazing	Pass	
Body and Sheet Metal	Pass	
Exhaust System	Pass	
Fuel System	Pass	
Fuel Cap and Catalytic Converter	Pass	
Flaps and Fenders	Pass	

OBD-II INSPECTION RESULT: PASS

Systems Monitored	Status	Test Results
Misfire	Ready	OBDII Connection: Pass
Fuel System	Ready	OBD Readiness Monitor Result: Pass
Comprehensive Components	Ready	MIL Check with Key On-Engine Off: Pass
Catalyst	Ready	MIL Check with Engine Running: Pass
Heated Catalyst	N/A	MIL Command Status: Pass
Evaporative System	Ready	
Secondary Air	N/A	
Oxygen Sensor	Ready	
Oxygen Sensor Heater	Ready	
EGR System	Ready	
Air Conditioning System	Ready	

Diagnostic Trouble Codes (DTC) if Present

Thank you for doing your part to help keep Vermont's highways safe, and our air clean!


Station #: 1054	Primary Tech #: 9023	Date: 09/23/2018
Station Name: ABC Automotive Repair Shop	Tech Name: John Smitherson	
Station Address: 1900 Main st. Burlington, 05401	Primary Technician	
Secondary Tech #: 9089	Signature: <i>J. Smitherson</i>	
Tech Name: Robert Walters		

Vehicle Recall Notice

- Printed with Vehicle Inspection Report (VIR)
- Notice of potential recalls
- Based on VIN (Vehicle Identification Number)
- Provides recall reference number
 - Type of recall
 - Recall description

VEHICLE IDENTIFICATION		
Plate: PLT 123	Model Year: 2009	GVWR: 5500
VIN: KNADE223196536369	Make: KIA	Sticker Number: N/A
Veh. Type: CAR/TRUCK	Model: RIO	Sticker Month: N/A
Odometer: 264189	Fuel Type: GASOLINE	

There are potential recalls for your vehicle. You can view the details by clicking on the Recall Description(s) below or by entering the Vehicle Identification Number (VIN) at <http://vt-avip.com/recalls>



Reference Number	Type	Recall Description
14V174000	SAFETY	LOWER CONTROL ARM CORROSION
04V583000	SAFETY	ACCELERATOR CABLE
07V157000	SAFETY	ABS MODULE ELECTRICAL WIRING HARNESS
906589451	EMISSION	PCM SENSOR

What is a recall?

When a manufacturer, the National Highway Traffic Safety Administration (NHTSA), or the Environmental Protection Agency (EPA) determines that a car or item of motor vehicle equipment creates an unreasonable risk to safety, fails to meet minimum safety standards, or an emission control component is not functioning properly, the manufacturer is required to fix that car or equipment at no cost to the consumer.

What should I do if my vehicle is included in this recall?

If your vehicle is included in this recall, **it is very important that you get it fixed as soon as possible given the potential danger to you and your passengers if it is not addressed.**

You should receive a separate letter in the mail from the vehicle manufacturer, notifying you of the recall and explaining when the remedy will be available, whom to contact to repair your vehicle or equipment, and to remind you that the repair will be done at no charge to you.

If you do not receive a letter in the mail from the vehicle manufacturer, please contact your vehicle manufacturer or dealership or for safety items you may also call NHTSA's Vehicle Safety Hotline at 1-888-327-4236.

Thank you for doing your part to help keep Vermont's highways safe and our air clean.