Vermont State Vehicle Inspection

Date: _____

Mechanic: _____

Assessor: _____

Facility: _____

Number: _____

Vehicle Year: _____

Vehicle Make: _____

Vehicle Model: _____

Vehicle Documentation	Meets Criteria	
Fill out vehicle work order for inspection	☐ Yes	☐ No
Verify registration certificate is current, accurate and in agreement with vehicle	☐ Yes	☐ No
Verify insurance document is current, accurate and in agreement with vehicle	☐ Yes	☐ No
Verify public VIN on vehicle dashboard and match to vehicle documentation	☐ Yes	☐ No
Visual Walk Around	**Meets Criteria**	
Check for protruding metal and rust holes	☐ Yes	☐ No
Check bumpers and fenders	☐ Yes	☐ No
Check and measure tires for wear	☐ Yes	☐ No
Check tires for cuts, snags, cracks, bumps, bulges and knots	☐ Yes	☐ No
Ensure tires do not protrude past fender wells	☐ Yes	☐ No
Check lights for cracks, leaks, insufficient repairs	☐ Yes	☐ No
Check for unauthorized after-market lighting	☐ Yes	☐ No
Check windshield for cracks, chips and discoloration	☐ Yes	☐ No
Check for incorrect sticker placement or other visual restrictions	☐ Yes	☐ No
Ensure fuel cap is present	☐ Yes	☐ No
Perform shock absorber/strut bounce test	☐ Yes	☐ No
Road Test	**Meets Criteria**	
Check interior and exterior rear view mirrors	☐ Yes	☐ No
Check sun visors	☐ Yes	☐ No
Check windshield wipers and washers for correct operation and condition of wiper blades	☐ Yes	☐ No
Check odometer and speedometer function	☐ Yes	☐ No
Check for brake failure and ABS indicator lamp operation	☐ Yes	☐ No
Check brake system integrity	☐ Yes	☐ No
Check parking brake for correct operation	☐ Yes	☐ No
Check brake failure lamp	☐ Yes	☐ No
Road test brakes (stop within 25′ at 20 MPH)	☐ Yes	☐ No
Check defroster function	☐ Yes	☐ No

Check horn function	☐ Yes	☐ No
Check airbag readiness light	☐ Yes	☐ No
Check TPMS indicator lamp	☐ Yes	☐ No
Check if MIL is illuminated while on road test	☐ Yes	☐ No
Check for lash or freeplay in steering	☐ Yes	☐ No
Check power steering system operation	☐ Yes	☐ No
Check directional to ensure "self cancelling" switch is operational	☐ Yes	☐ No
Vehicle Interior	**Meets Criteria**	
Visual check of all lamp functions	☐ Yes	☐ No
Ensure fog/driving lights illuminate with corresponding head light beams	☐ Yes	☐ No
Check headlight aim if required	☐ Yes	☐ No
Check all interior switches for correct operation	☐ Yes	☐ No
Check left and right front windows for visibility	☐ Yes	☐ No
Check for correct operation of all windows and doors	☐ Yes	☐ No
Check windshield and glass to left and right of driver position for unauthorized tinting	☐ Yes	☐ No
Check seat belts and verify function	☐ Yes	☐ No
Engine Compartment	**Meets Criteria**	
Check primary and secondary hood latch for proper operation	☐ Yes	☐ No
Check power steering system for fluid level and leaks	☐ Yes	☐ No
Check master cylinder and lines for fluid level and leaks	☐ Yes	☐ No
Check for exposed wiring/damage and poor connections	☐ Yes	☐ No
Check battery for secure installation	☐ Yes	☐ No
Check for worn, frayed or cracked belts	☐ Yes	☐ No
Check front strut towers for rust and corrosion	☐ Yes	☐ No
Undercarriage	**Meets Criteria**	
Check tire labeling for restricted usage	☐ Yes	☐ No
Check wheel bolts, nuts or lugs	☐ Yes	☐ No
Check wheels for damage	☐ Yes	☐ No
Check for proper tire size	☐ Yes	☐ No
Check for proper tire inflation	☐ Yes	☐ No
Check inside of tires for cuts, snags, cracks, bumps, bulges and knots	☐ Yes	☐ No
Remove 1 (one) wheel and inspect brakes ***** If during road test, a brake problem was identified with 1 (one) or more of the brakes, remove all 4 (four) wheels and inspect per requirements described in "Brake Lining Thickness" section of the manual.	☐ Yes	☐ No
Check brake hose for integrity, cracks and wear	☐ Yes	☐ No
Check metal brake lines and connections for corrosion and leaks	☐ Yes	☐ No
Check ball joints per manufacturer instructions	☐ Yes	☐ No
Check ball joints for seizure due to rust	☐ Yes	☐ No

Check tie rod ends	☐ Yes	☐ No
Check torsion bars and springs	☐ Yes	☐ No
Check shock absorbers for leaks	☐ Yes	☐ No
Check wheel bearings	☐ Yes	☐ No
Check axle shaft and CV boot	☐ Yes	☐ No
Check frame, unibody and sub frame for broken, cracked or severely rusted areas	☐ Yes	☐ No
Check integrity of floor pan and trunk area	☐ Yes	☐ No
Check frame and body mounts	☐ Yes	☐ No
Check exhaust system for leaks, loose joints, improper repairs and corrosion	☐ Yes	☐ No
Check catalytic converter for tampering	☐ Yes	☐ No
Check exhaust system for restrictions	☐ Yes	☐ No
Check exhaust system modifications allowing excessive noise	☐ Yes	☐ No
Ensure no part of the exhaust system passes through occupant compartment	☐ Yes	☐ No
Ensure system is securely attached	☐ Yes	☐ No
Check for vapor or fuel leakage	☐ Yes	☐ No
Check for proper routing of fuel lines	☐ Yes	☐ No
Check fuel tank and/or auxiliary fuel tank or jug stored in vehicle	☐ Yes	☐ No
Perform OBD II test on 1996 and newer vehicles using CAN protocol scan tool	☐ Yes	☐ No
Fill out OBD II form	☐ Yes	☐ No
Final Steps	**Meets Criteria**	
If vehicle passes inspection, fill out inspection sticker and log	☐ Yes	☐ No
Affix inspection sticker to vehicle	☐ Yes	☐ No

VERMONT

ON-BOARD DIAGNOSTICS (OBD II) INSPECTION TEST REPORT FORM

DEPARTMENT OF MOTOR VEHICLES
Agency of Transportation

Inspections & Emissions Unit
120 State St
Montpelier, Vermont 05603-0001
802.828.2067
dmv.vermont.gov

Date:		Station #:		Tech. Name:	

VEHICLE IDENTIFICATION

Year:				Make:		Model:	

VIN (17): ☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐☐   Mileage:

Plate #:   Inspection Sticker Number (If Issued):

SCAN TOOL IDENTIFICATION

Make: Model:

Date or version of Scan Tool Software:

VISUAL INSPECTION OF MALFUNCTION INDICATOR LIGHT (MIL)

Does MIL illuminate with ignition key in "key on, engine off" position?   ☐ Yes   ☐ No   (Check One)

Is MIL illuminated with engine running?   ☐ Yes   ☐ No   (Check One)

READINESS STATUS   (R = Ready / N = Not Ready / NA = Not Available)

	R	N	N/A		R	N	N/A
Misfire:	☐	☐	☐	EGR:	☐	☐	☐
Fuel:	☐	☐	☐	02 Sensor:	☐	☐	☐
Components:	☐	☐	☐	02 Heater:	☐	☐	☐
Catalyst:	☐	☐	☐	Air:	☐	☐	☐
Heat Cat. :	☐	☐	☐	A/C Refrig.:	☐	☐	☐
Evap.:	☐	☐	☐				

SCAN TOOL CHECK OF MIL	With Engine running, is MIL commanded ON? ☐ Yes ☐ No

DIAGNOSTIC TROUBLE CODES   (Complete only if MIL is commanded on above and/or MIL is on with engine running.)

List code(s) present:

TEST RESULTS

☐ (a) **Passed** – Inspection Sticker may be issued.

☐ (b) **Failed** – Inspection Sticker may not be issued. Check reason(s) from list below:

  ☐ (1) Connector removed / tampered / inoperable.   ☐ (2) No MIL in "Key on, engine off."

  ☐ (3) MIL on with engine running.   ☐ (4) MIL commanded on with engine running.

☐ (c) **Vehicle Not Ready** – 3 or more items "Not Ready", note that some vehicle exceptions apply.

☐ (d) **Repaired Vehicle to Pass** – Inspection Sticker may be issued.

☐ (e) **Unable to complete OBD Inspection** – Check reason from list below :

  ☐ (1) **Could not find connector.**   ☐ (2) **Could not establish communication.**

REMARKS:

Submit all completed OBD Test Report Forms to DMV Inspection Station Licensing Unit along with completed Log Sheets.

WHITE COPY – State of Vermont   YELLOW COPY – Inspection Station   PINK COPY - Customer

Vermont Motor Vehicle Inspection Program - On Board Diagnostic (OBD) Check

OBD technology benefits motorists, automotive service technicians, and our environment. It is beneficial for motorists because it monitors the vehicle's performance every time it is driven and identifies problems immediately, allowing repairs to be made before more serious problems develop. It is beneficial for technicians because it helps them to accurately diagnose problems, allowing for efficient and proper repairs. And it is beneficial for our environment and our health because it identifies problems that cause vehicle emissions to increase.

What is OBD and how does it work?

OBD technology was developed in the 1980s by vehicle manufacturers to help technicians diagnose and service the computerized engine management systems of modern vehicles. A new generation of OBD (often referred to as OBD II) is present on 1996 and newer vehicles. OBD II monitors all components that make up the engine management system. It can detect a malfunction or deterioration of these components usually well before the driver becomes aware of any problem. When a problem is detected, the OBD system turns on a warning light on the instrument panel to alert the driver of the need to have the vehicle checked by a service technician.

What does the OBD check involve?

First, the vehicle is checked to see if the Malfunction Indicator Light ("MIL", commonly called the "check engine" or "service engine soon" light) on the instrument panel illuminates when the ignition key is turned to the "on" position and then when the engine is running. Next, an electronic device known as a scan tool is connected to the vehicle, and used to communicate with the vehicles on board computer. The on board computer is checked to confirm that the vehicle has completed it's self-tests, to determine if the computer has attempted to turn on the Malfunction Indicator Light, and if applicable, to retrieve diagnostic trouble codes. The results are recorded, and the scan tool is disconnected from the vehicle. The entire OBD check typically takes less than 5 minutes.

Why is the OBD check needed?

Motor vehicles are the largest source of toxic and ozone-forming air pollutants in Vermont. While modern vehicles are getting much cleaner due to newer engine management technology and emission control components, emissions stay low only when all these systems are working properly. OBD technology helps to ensure that vehicles are operating as designed, and the OBD check ensures that the vehicle's OBD system is doing its job.

What if my vehicle failed the OBD check?

If your vehicle failed, it must be repaired in order to receive a new inspection sticker. Your vehicle should be repaired by a qualified, trained automotive service technician equipped with the appropriate diagnostic and repair tools. Depending on your vehicle's age and mileage, repairs may be covered by the vehicle manufacturer's warranty. Refer to your vehicle owner's manual for specific information on warranty coverage. The reason(s) your vehicle failed should be identified on the front of this form. Following are the possible reasons for failing the OBD check:
1) The vehicle's OBD system connector has been removed or is otherwise not working properly. *The OBD check cannot be completed if the connector is missing or is not working properly.*
2) The Malfunction Indicator Light does not illuminate at all when the ignition key is turned to the "on" position. *When the vehicle's OBD system detects a problem it turns on the warning light to alert the driver to a problem. However, if the light can not illuminate because the bulb has burned out or is otherwise not working, the driver would not be alerted to the problem.*
3) **And 4)** The malfunction indicator light on the instrument panel is on (and/or commanded on by the vehicle's on board computer) while the engine is running. *This indicates that the OBD system has identified a problem which must be repaired. In this case, one or more diagnostic trouble codes will also be reported by the vehicle's OBD system. These codes should be written on the front of this form, and will help your technician diagnose and repair your vehicle.*

What if my vehicle's OBD system is "not ready"?

If three or more of the items listed under "Readiness Status" on the front of this form are indicated as "N" (Not Ready), the inspection of your vehicle's OBD system cannot be completed. While this does not necessarily mean that your vehicle has a problem, it does indicate that your vehicle's OBD system has not yet completed it's tests, and problems may be present, but not yet identified. A recently disconnected or discharged (run down) battery, or recent servicing using a scan tool are the most likely reasons for a vehicle's OBD system being "not ready." Note that there are a few vehicles which should not be rejected as "not ready". Ask your inspection station or the Department of Motor Vehicles for further information about these exceptions.

How do I get my vehicle's OBD system "ready"?

The vehicle should be driven under a variety of normal operating conditions in order for the OBD system to complete it's tests. These operating conditions include a mix of highway driving and stop and go, city type driving, and at least one overnight-off period. Your vehicle owner's manual should provide more specific information on getting your vehicle's OBD system ready.

For more information: Ask your inspection station for a copy of the OBD brochure, contact the Department of Motor Vehicles at 802.828.2067, or visit us online at dmv.vermont.gov

For additional information about the Vermont Inspection/Maintenance Program, Official Vermont Inspection Stations, or Certified Inspection Mechanics please contact your local Motor Vehicle Inspector or call Montpelier, VT at 802.828.2067

Vermont Motor Vehicle Inspection Sticker

**VERMONT AGENCY OF
TRANSPORTATION
DEPT. OF MOTOR VEHICLES**

Plate # _____   Odometer _____
                       Reading   (NO TENTHS)

Make _____

VIN _____

Station # _____   Date _____
                         Inspected
**NEXT   INSPECTION   OF   THIS   VEHICLE
REQUIRED LAST DAY OF:**

_____   **2012**
            Month   Year

INSPECTION BOOK LOG SHEET

Vermont Department of Motor Vehicles, 120 State St., Montpelier, VT 05603-0001, Inspection Unit: (802) 828-2094

CHECK ONLY ONE TYPE BELOW.
LIST ONLY ONE (1) BOOK PER SHEET

STATION NAME:		STATION #:	ATTACH VOID STICKERS ON BACK OF WHITE COPY.	☐ SCHOOL BUS ☐ MTC/MOPED ☐ TRAILER ☐ CAR / TRUCK
				FIRST STICKER #: LAST STICKER #:

Check each book as it is received from DMV to ensure that all stickers were received and that none are missing from the book.   Sign and date the completed log sheet and return it to DMV.

[1]Mark: X = Passed   ~   R = Repaired/Replaced to Pass, (for 1996 +) Catalytic Converter, Gas Cap & OBD II.   [2]Mark: (X) If Insurance is Valid.

STICKERS	DATE OF INSPECTION: (MM/DD/YY)	INSPECTION STICKER NUMBER: (0012345)	VEHICLE IDENTIFICATION NUMBER (VIN) SHADED FIELD IS FOR THE 10TH DIGIT	VT LICENSE PLATE NUMBER (ABC 123)	CAT. CON.[1]	GAS CAP[1]	OBD II[1]	REGISTERED OWNER'S NAME: (JOHN DOE) PLEASE PRINT	INSURANCE VERIFIED[2]	MILEAGE	CERTIFIED VT INSPECTION MECHANIC'S SIGNATURE:	VERMONT INSPECTION MECHANIC'S CERTIFICATE NUMBER: (12345678)
					X/R	X/R	X/R					
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I certify that the statements herein are true. This declaration made under penalties of 23 V.S.A § 201 & § 202.

SIGNATURE:

TA-VN-198(d) 10M 12/08 GBN   WHITE COPY - DMV   YELLOW COPY - DMV   PINK COPY - STATION

DATE RECEIVED AT DMV: