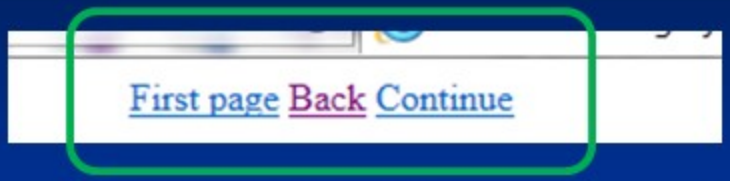
Group 2
(Heavy Duty)
Inspector Certification Training Material

January 2021

Presentation Guide

1 - TABS - The browser tab at the top of each slide contains a title identifying the topic.



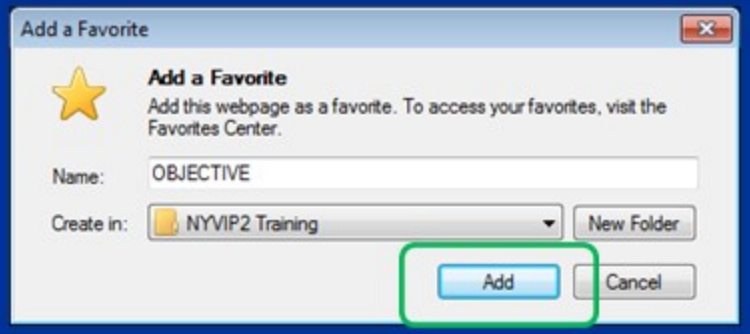
2 - NAVIGATION – Along the top of each slide (below the browser tab) there are three controls (First page, Back, and Continue) . First page will return you to the first slide in the presentation. Back will take you the previous slide. Continue will take you to the next slide.

3 - LINKS – Throughout the training slides you will find links that you can CLICK -ON to bring you to the related section(s) of the Commissioner's Regulations – Part 79.

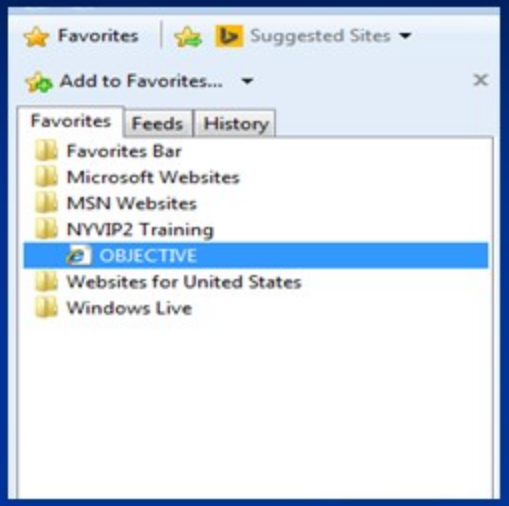
Click to See Regulation 79.21(c)(1)

Click to See Regulation 79.21(c)(2), 79.21(c)(3), 79.21(c)(4), 79.21(c)(5) & 79.21(c)(6)

Presentation Guide Cont'd



1 - BOOKMARKING A SLIDE - Click-on "Bookmark This Page" at the top right corner of any slide. Next, click-on "Add" to save your Bookmark.



2 - RETURNING TO BOOKMARKED SLIDES – Open your browser's Favorites (Internet Explorer shown here). Select the slide that you wish to return to.

NOTE: If prompted for credentials, enter your Applicant ID # and Password used to register for the training.

OBJECTIVE

To train you to do proper New York State Heavy Duty Safety & Diesel Opacity (smoke meter) emissions inspections covering vehicles over 18,000 pounds.

This presentation will focus on 1980 AND NEWER vehicles. If you are inspecting an older model vehicle, refer to the Commissioner's Regulation book as there may be different requirements.

Inspector Card

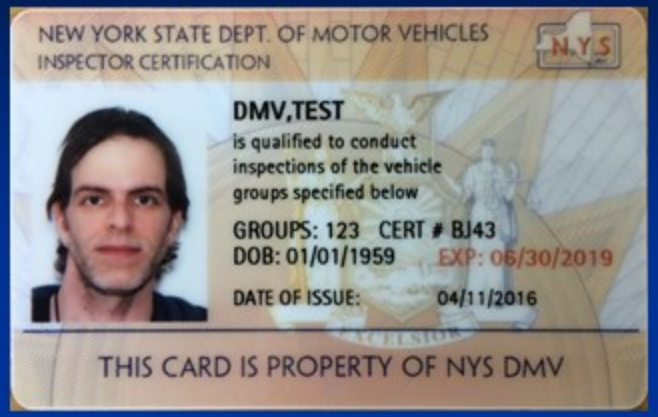
Inspection Groups

Group1 – vehicles up to 18,000 pounds– safety, low enhanced emissions, OBD II and diesel opacity (smoke meter) emissions test.

Group 2 – vehicles over 18,000 pounds (heavy duty) safety and diesel opacity (smoke meter) emissions.

Group 3 – motorcycles – safety only.

PENALTIES FOR IMPROPER INSPECTIONS CAN INCLUDE SUSPENSION, REVOCATION AND FINES !!!



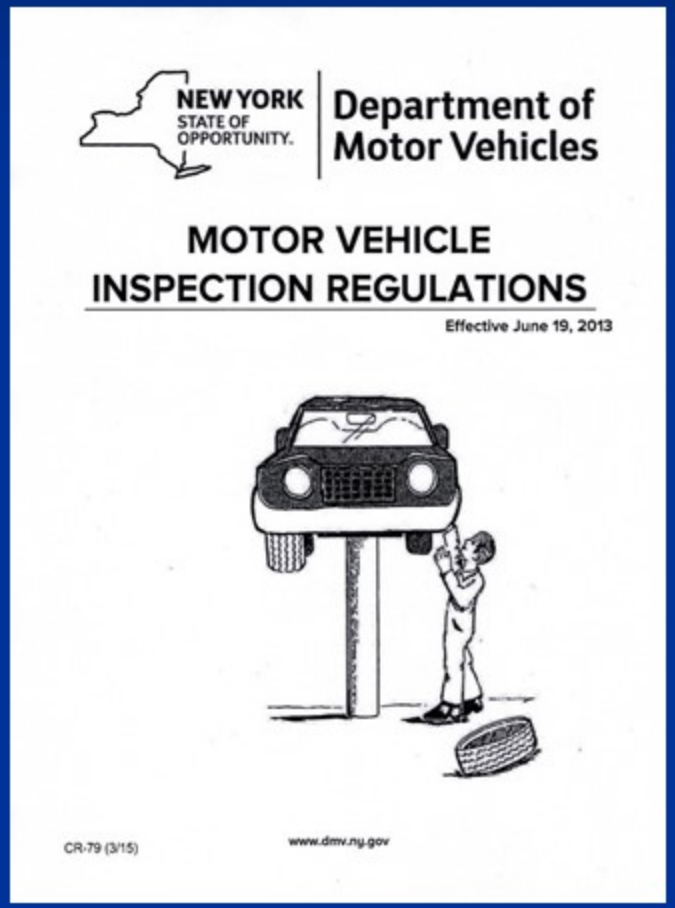
An inspector is required to:

- Safeguard inspector card and password at all times.
- Have possession of card at all times during working hours.

Remember, YOU are personally responsible for any inspection performed using your card.

Click to See Regulation 79.1(l) & 79.14(b)

Commissioners Inspection Regulation Book


NEW YORK STATE OF OPPORTUNITY. Department of Motor Vehicles

MOTOR VEHICLE INSPECTION REGULATIONS

Effective June 19, 2013

CR-79 (3/15)

www.dmv.ny.gov

Each station must have an up to date copy of the COMMISSIONERS REGULATIONS (CR – 79).

Regulations must be made available by the station for review at all times by the certified inspector(s).

Contact DMV for assistance:

Technical Services (518) 474-5282 (option #4)

Clean Air (518) 473-0597 (option #4)

Copies of the regulations, regulation updates and other forms are available on the internet at:

http://dmv.ny.gov/forms/cr79.pdf

Click to See Regulation 79.8(b)(4)

Required Equipment

Every Group 2 station must have:

- A tire tread depth gauge.
- Brake drum gauge & micrometer.
- Steel ruler & feeler gauge (brakes).
- A paper punch which makes a ¼" ROUND hole.
- Tire pressure gauge.

Stations located in the **DEMA (Diesel Emissions Metropolitan Area)** that wish to perform diesel opacity emissions inspections must also have an approved diesel opacity tester (smoke meter).

Click to See Regulation 79.9(d)(1), 79.9(d)(4), & 79.9(d)(5)

Which Vehicles Are Required To Be Inspected ?

Every motor vehicle and trailer registered in this State is required to be inspected once every 12 months, prior to midnight on the last day of the month punched out on the existing certificate.

ALSO

Upon the sale or transfer of a motor vehicle, any certificate of inspection issued prior to the date of the sale or transfer becomes invalid.

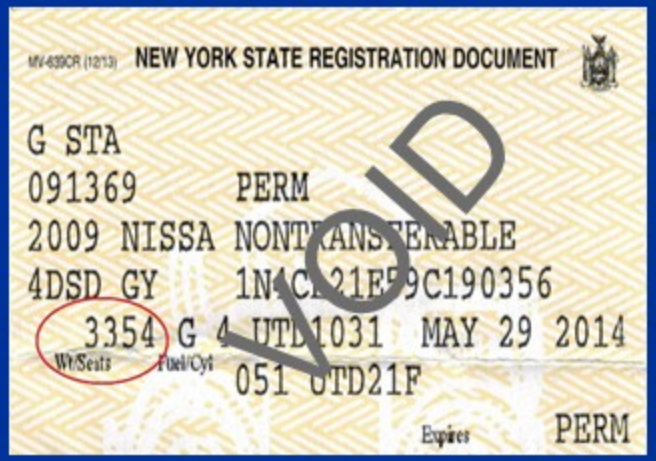
Every motor vehicle and trailer must be inspected upon any change of the registered owner.

Click to See Regulation 79.2 (a), 79.2 (b), & 79.2 (c)

Effect Of Vehicle Weight On Inspection

Maximum Gross Weight - MGW – Is the weight listed on the vehicle's NYS registration receipt. The MGW is used to determine the appropriate SAFETY inspection.

MGW
Found on NYS registration receipt

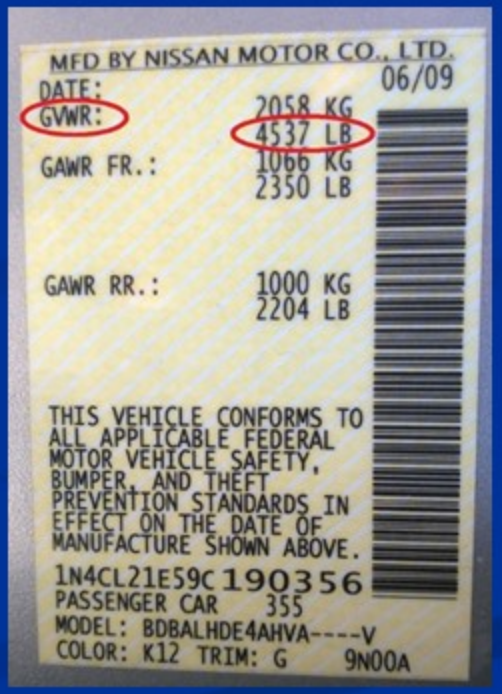


Click to See Regulation 79.1(c)

Effect Of Vehicle Weight On Inspection (continued)

GVWR
Found on mfg. label in driver's door jamb

Gross Vehicle Weight Rating - GVWR – Is listed on a federally mandated label found on the driver's door or door post.



GVWR is used to determine if a DIESEL POWERED vehicle is required to have a diesel opacity (Smoke Meter) emissions inspection, per New York State Department of Environmental Conservation (DEC) regulations.

Note: Gasoline powered Inspection Group 2 motor vehicles (over 18,000 pounds) are exempt from emissions entirely.

Click to See Regulation 79.2(f)(7)

Making Sure The Correct Inspection Is Performed

Some Inspection Group 2 emissions stations are equipped with a Computerized Vehicle Inspection System (CVIS) and need to keep the following in mind, when performing an inspection using the CVIS: In most cases, the CVIS will determine the correct type of inspection to be performed. Ultimately, the Certified Inspector is responsible for making accurate entries into the CVIS, so that the correct type of inspection is performed. If you find that you are unclear about how to proceed, contact the DMV Office of Clean Air in Albany, for assistance at: (518) 473 – 0597 and select option #4.

Note On Inspection Procedure In General:

All inspections, except brake equalizations tests, must be conducted within the enclosed portion of the premises of the official inspection station conducting the inspection. (inside the building)

Click to See Regulation 79.20(b)

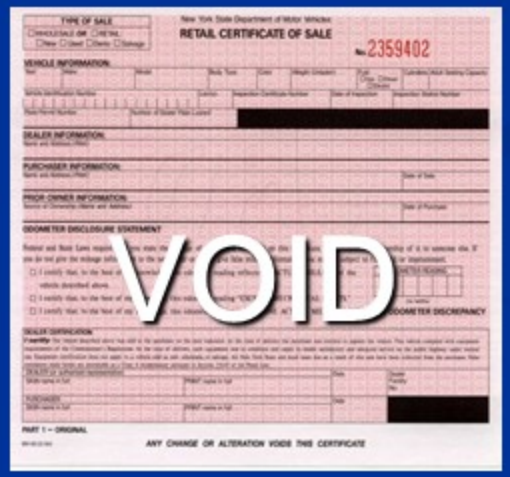
Ownership Documents Registration

Can be N.Y. or out-of-state

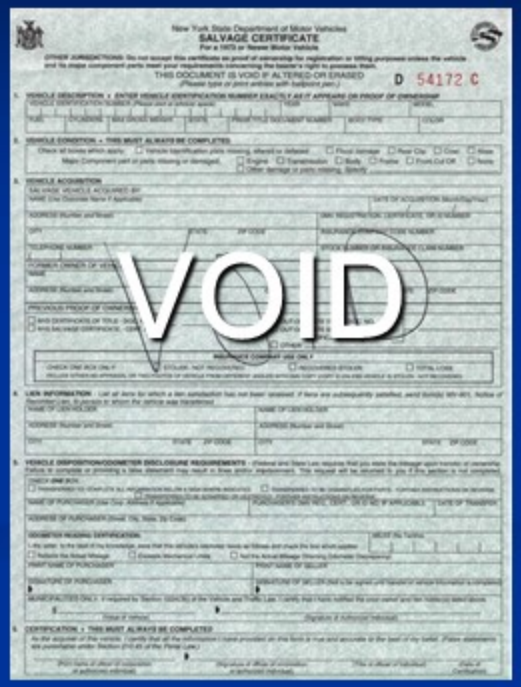
Click to See Regulation 79.20(c)(1)

Other Ownership Documents

Title certificate
(Can be NY or out-of-state)



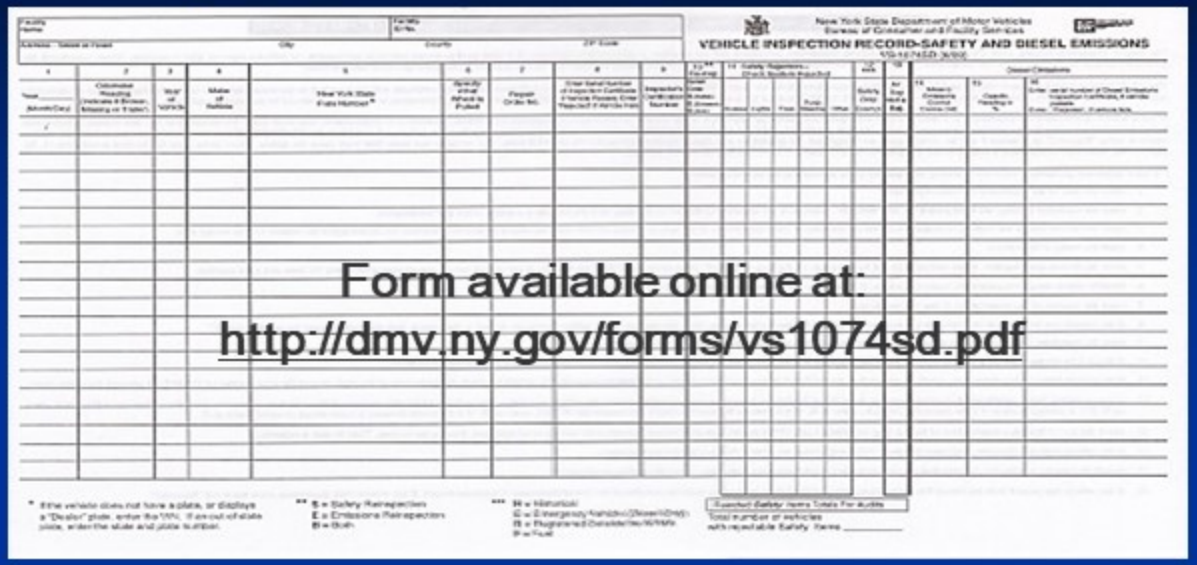
MV - 50



MV – 907A

Click to See Regulation 79.20(c)(1)

Vehicle Inspection Record Form VS-1074SD



Form available online at:
http://dmv.ny.gov/forms/vs1074sd.pdf

- Heavy Duty (Group 2) stations STATEWIDE equipped with the CVIS will record H.D. safety-only inspections in the CVIS.
- In the DEMA , inspection of H.D. vehicles receiving a required safety AND diesel (opacity) emissions inspection will be recorded on the VS-1074SD form.
- Upstate (outside DEMA) Group 2 stations (optionally) licensed as a diesel Opacity station will record the HD safety inspection in the CVIS, however the diesel emission portion will be recorded on a VS-1074SD.

Click to See Regulation 79.12(a) & 79.12(a)(3)

Registration Plates

The plate number is used to keep records of inspections UNLESS the vehicle is unregistered OR if the vehicle is a dealer vehicle.

If using the CVIS Unit, follow CVIS unit on-screen instructions.

If using a VS-1074, enter FULL V.I.N. in registration plate column.

Click to See Regulation 79.12(a) & 79.20(c)(1)

Refusing To Inspect A Vehicle and Appointments

- Generally an inspection station may NOT refuse to inspect a vehicle it is licensed to inspect. **Click to See Regulation 79.8(b)(1) for full details.**
- If a vehicle cannot be inspected when it is initially presented for inspection a written appointment within the next 8 working days must be offered. **Click to See Regulation 79.8(c)(1) & 79.8(c)(2) for full details.**
- A deposit (up to the full inspection fee) may be collected for making the appointment – **Click to See Regulation 79.8(c)(4) for full details.**

The ONLY acceptable reasons to refuse an inspection are if:

- The vehicle will not fit into the building;
- The station is not properly licensed or equipped to inspect the type of vehicle, e.g. a motorist presents a HD vehicle to a Group 1 station;
- A diesel powered vehicle in the DEMA subject to an opacity test does not meet the "Pre-Emission Inspection Check";
- The vehicle has a missing VIN plate and the operator has no acceptable ownership document;
- The stations CVIS unit is inoperative and the facility is waiting for service.

Inspection Certificates issued for H.D. Inspections

H.D. Safety-only

Diesel Opacity
(Smoke Meter) Emissions

Issued in addition to the H.D. safety certificate.

The operator of a Medium Duty vehicle 10,001 to 18000 pounds MGW may request a Heavy Duty inspection.

All expire at midnight on the last day of the month punched, in the year printed on the face of sticker.

Click to see Regulation 79.1(a) & 79.21

Replacement Certificates

If an inspection sticker becomes lost, damaged or stolen, a vehicle owner may request a replacement sticker if less than 12 months have passed since the sticker was originally issued.

REPLACEMENTS ARE AVAILABLE ONLY FROM THE DMV VEHICLE SAFETY CENTRAL OFFICE IN ALBANY.

The owner must submit statement of fact, proof of inspection, and the appropriate fee by mail.

OR

The owner MAY have a FULL, NEW inspection performed at the full fee instead of obtaining a replacement certificate.

Click to See Regulation 79.11(c)

Ten Day Extension Certificate (VS-1077)

VS-1077 (10/02)

TAPE THIS CERTIFICATE TO LOWER LEFT CORNER OF THE WINDSHIELD

TEN-DAY TIME EXTENSION FOR MOTOR VEHICLE INSPECTION

STATE OF NEW YORK

VOID

DMV
QUEENS DO

NOV 1 9 2009

Commissioner of Motor Vehicles

Date vehicle is first

Issued only by DMV issuing offices when a vehicle purchased from a private party (not involving a N.Y. dealer) is first registered.

Valid for 10 days from date of issuance.

Click to See Regulation 79.1(j)

Temporary Certificate Of Emissions Waiver (VS – 1078)

When a vehicle registered in the DEMA, which normally requires a diesel opacity (smoke meter) test, is outside the DEMA and its Safety/Diesel Emissions inspection certificate is about to expire or has expired, a TEMPORARY CERTIFICATE OF EMISSIONS WAIVER (VS-1078) may be obtained from a DMV office.

VS-1078 (2/81)

PLACE IN LOWER LEFT OF WINDSHIELD

TEMPORARY

CERTIFICATE OF

EMISSIONS WAIVER

STATE OF NEW YORK

Expires ten days after entry into the New York Metropolitan Area

Commissioner of Motor Vehicles

USE ONLY WITH VALID INSPECTION STICKER

VOID

Normally an upstate inspection station MAY NOT inspect any vehicle which requires a diesel opacity (smoke meter) test; however,

An upstate inspection station will perform a safety only inspection of a diesel powered vehicle, but only if it displays a VS-1078. NOTE: the CVIS at an upstate (outside NYMA / DEMA) inspection station will prompt the Certified Inspector to confirm (Yes or No) when a DEMA registered vehicle (normally requiring a Diesel Opacity inspection) displays a VS-1078.

Within 10 days of return to the DEMA, the vehicle MUST receive a full inspection, i.e. a safety & diesel opacity (smoke meter) emission inspection.

Click to See Regulation 79.1(r), 79.4(d), & 79.7(c)(7)(i)

"Best Practices"

When A Vehicle Is Presented For Inspection

•Ask the operator if the vehicle has been inspected within the past 30-days.

•Perform a COMPLETE inspection or re-inspection, FIRST! Pass or fail, the completed inspection or re-inspection MUST include entering the results of inspection in the CVIS or on the VS-1074SD , and the issuance of a (CVIS generated) Vehicle Inspection Receipt (VIR) or a manually prepared invoice to the operator.

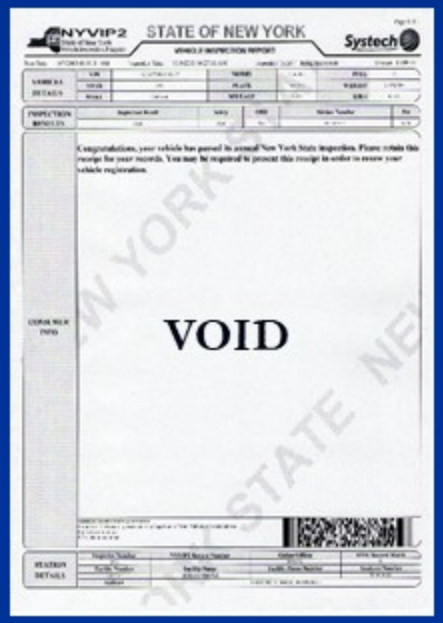
•After inspection, discuss any failures with the customer and obtain authorization for any repairs needed for inspection and / or other recommended repairs.

An opacity emissions waiver CANNOT be issued without an initial emissions failure. Repairs done prior to the initial emissions failure do not count toward a waiver.

REMEMBER TO ALWAYS DO A COMPLETE INSPECTION, RECORDING THE RESULTS IN THE CVIS OR THE VS-1074SD !

Click to See Regulation 79.20(c) & 79.20(c)(6)

Rejections, Rejection Notices & Re-Inspections



A manual rejection notice (VS-1075) must be issued for all rejections NOT recorded in a CVIS.

- A COMPLETE re-inspection of the failed portion (safety, emissions, or both) must be performed within 30 days of failure. ASK THE CUSTOMER FOR THE REJECTION NOTICE !

- If the vehicle LEAVES the station and later returns for re-inspection, the facility can charge ONLY for portion(s) re-inspected.

- If vehicle REMAINS AT STATION, no fee can be charged for re-inspection.

- If the re-inspection is performed MORE than 30 days after the failure

OR

a diesel opacity (smoke meter) test vehicle is taken to a different station even within 30 days of first failure, a FULL INITIAL INSPECTION IS REQUIRED.

Click to See Regulation 79.5(b) & 79.20(a)

Sticker Removal

At the start of the inspection check the existing certificate for year and month of expiration:

IF EXPIRED:
Remove from vehicle

IF VALID:
Leave on vehicle

Click to See Regulation 79.20(c)(3)

V.I.N. Plate Check

If the V.I.N. plate is missing or mutilated, form VS-110 must be completed and mailed to D.M.V. within 24 hours of the vehicle being presented for inspection. The form is available online at: http://dmv.ny.gov/forms/vs110.pdf

New York State Department of Motor Vehicles

NOTICE OF MISSING OR MUTILATED VEHICLE IDENTIFICATION NO.

Month	Day	Year

Registered Owner's Last Name	First	M.I.	Year and Make of Vehicle

Number and Street	Type of Registration	Vehicle Plate Number

City or Town	State	ZIP Code	Expiration Date of Registration
			/ /

Mail Completed Form To: Department of Motor Vehicles
Division of Field Investigation
6 Empire State Plaza
Albany NY 12228

VS-110 (1/98)

A missing or mutilated V.I.N. plate is NOT a cause to refuse to perform an inspection or reject a vehicle as long as the vehicle operator has presented an acceptable proof of ownership document.

Click to See Regulation 79.20(c)(1) & 79.20(c)(4)

"Pre-Emission Inspection Check" Of Diesel Vehicles

When a vehicle subject to the diesel opacity (smoke meter) inspection is presented by the customer for inspection it must be checked at that time (prior to beginning the inspection) for the following conditions:

Exhaust System – for missing sections which would prevent collection of a valid exhaust sample.

Governor – If originally equipped, for presence, connection AND operation.

VEHICLES NOT MEETING REQUIREMENTS CANNOT BE INSPECTED. THIS IS NOT CONSIDERED AN INSPECTION OR REJECTION AND NO FEE IS TO BE CHARGED.

Click to See Regulation 79.26(b)

Checking Altered Vehicles

A vehicle is "altered" if it has been stretched or widened to increase passenger capacity.

Checking Altered Vehicles (continued)

Effective October 9, 2019, Vehicle and Traffic Law Section 308-a requires all inspection stations to report to DMV any time an altered vehicle is presented for inspection, regardless if an inspection is conducted.

Within 24 hours of an altered vehicle being presented for inspection, you must send an "Altered Vehicle Report" (download DMV form VS-1074SL) to DMV via email at limoreport@dmv.ny.gov or fax to (518) 474-2739.

The VS-1074SL can be found at WWW.NYVIP.ORG under Forms & Downloads and printed as needed.

Click Here →

Soon, the NYVIP2 Computerized Vehicle Inspection System (CVIS) will be updated to enable inspection stations to report to DMV electronically when presented with an altered vehicle.

Checking Altered Vehicles (continued)

REJECT INSPECTION:

- **An altered vehicle that DOES NOT have a Federal Alterer's Safety Certificate affixed to the vehicle (normally found on the door jamb) must be REJECTED.**

- **An altered vehicle that seats 9 or more persons (including driver) and whose operator does not possess a NYSDOT exemption letter must be REJECTED.**

INSPECTON ALLOWED:

- **An altered vehicle that seats less than 9 persons (including driver) and has a Federal Alterer's Safety Certificate affixed can be inspected.**

- **An altered vehicle that seats 9 or more persons (including driver) and has a Federal Alterer's Safety Certificate affixed can be inspected only if a NYS Department of Transportation (NYSDOT) exemption letter is presented.**

Sample NYSDOT Exemption Letter

NEW YORK STATE OF OPPORTUNITY. | Department of Transportation

ANDREW M. CUOMO
Governor

MARIE THERESE DOMINGUEZ
Commissioner

DATE: July XX, 2019

To Whom It May Concern:

This letter will certify that the vehicle described below, does not require an inspection by the New York State Department of Transportation (NYSDOT), as the owner has described the intended use of the vehicle as a type that does not fall under the jurisdiction of NYSDOT in accordance with the NYS Transportation Law and department regulations.

Therefore, this vehicle does not require a copy of the NYSDOT Vehicle Inspection form (MC300) as a pre-requisite to registering/renewal of the vehicle's NYS Motor Vehicle Registration. Rather than a NYSDOT inspection, the vehicle will require either a NYS annual vehicle or heavy vehicle inspection as required by New York State Department of Motor Vehicle regulations (15 NYCRR 79.2).

This letter should be maintained by the owner and a copy should be kept on the vehicle while in operation. The owner is advised that using the vehicle in a capacity other than described or physically altering the vehicle may invalidate this exemption letter. The letter is not transferrable and not intended to exempt or supersede interstate commercial motor vehicle requirements. It is issued for New York State periodic inspection purposes only.

Reason for exemption: **The vehicle is not being used in commerce and not being used to transport passenger for compensation.**

Owner / Operator's Legal Name: **SAMPLE NAME**

YEAR: **2019** MAKE: **FORD** MODEL: **ECS**

VIN#: **1GKJ3SAMPLE398550** COLOR: **WHITE** SEATS: **15** NOTES: **THIS LETTER VALID WHEN VEHICLE IS ONLY USED AS A PROPERTY CARRYING VEHICLE AND NOT USED TO TRANSPORT PASSENGERS.**

If you have any questions or require further information, please contact the New York State Department of Transportation.

Sincerely,

New York State Department of Transportation
Passenger Carrier Safety Bureau

SAMPLE

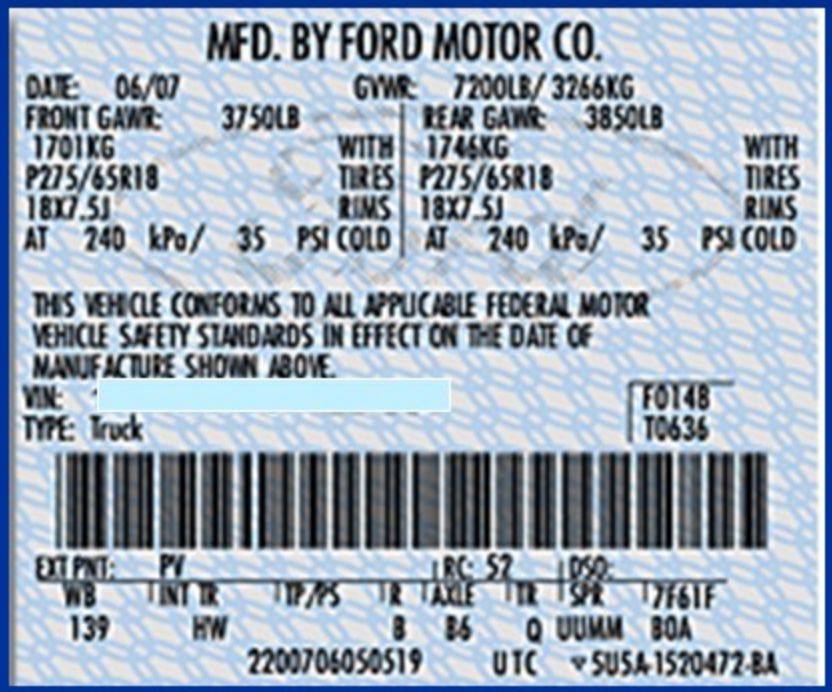
50 Wolf Road, Albany, NY 12232 | www.dot.ny.gov

EXL 05/2015

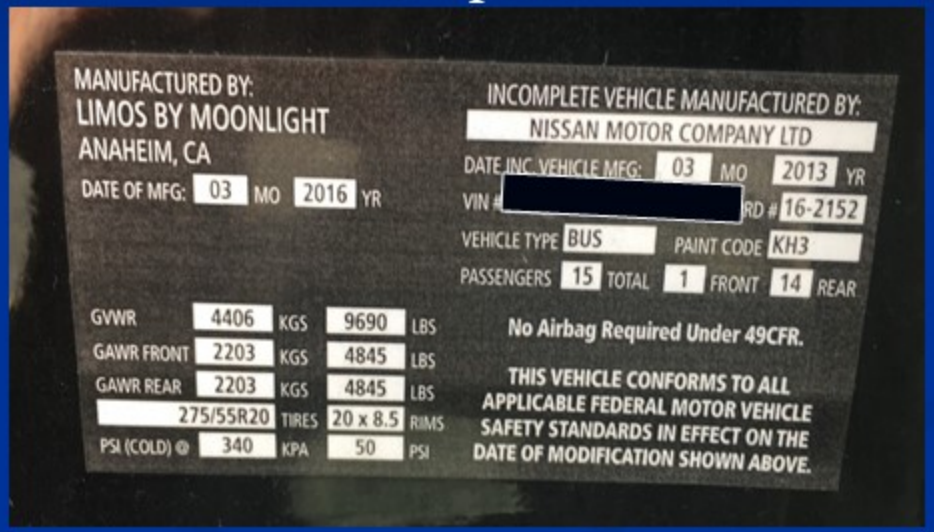
Checking Altered Vehicles (continued)

Federal Motor Vehicle Safety Standard (FMVSS)

OEM FMVSS Sample



Federal Alterer's Safety Certificate Samples



Tire Condition & Approved Type

Check tire pressures – If below manufacturers spec's, notify the customer in writing.
DO NOT REJECT VEHICLE!

REJECT IF A TIRE:

- Is not DOT approved;
- Is marked for a restricted use (i.e.. farm or temporary use);
- Is marked to exclude it from use on a steering axle;
- On the front axle of a bus is recapped, retreaded, or regrooved.
- Is in contact with body or frame;
- Is flat;
- Has a fabric break or cut exposing ply or cord;
- Has any bumps, bulges, or knots;
- Is repaired with a boot or blowout patch;
- Tread or recap is separated.

Click to See Regulation 79.27(a)(1), 79.27(a)(2)(A) & 79.27(a)(2)(D)

Tire Tread Depth

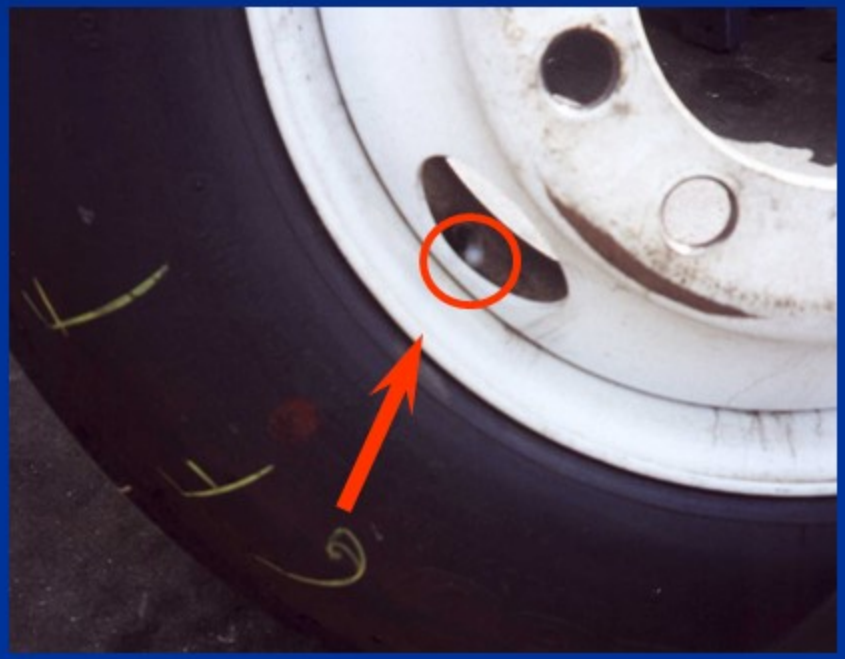
REJECT if:

- There is LESS than 4/32" tread remaining in 2 adjacent grooves showing the most wear on FRONT tires;
- There is less than 2/32" on all other tires;
- Any front steering axle tire is regrooved;

Spare tires are NOT subject to inspection.

Click to See Regulation 79.27(a)(2)(B)

Valve Stems



REJECT if any valve stem is:

- Cracked;
- Chafed from contact with the spider or rim;
- In contact with brake drum;
- Is inaccessible for taking pressure readings.

Click to See Regulation 79.27(a)(2)(C)

Wheel Rims

REJECT if:

- The rim or wheel & lock ring are mismatched;
- Rim or wheel & lock ring is cracked, is bent, is sprung, has other damage, shows evidence of slippage on the spider, stud holes are elongated, clamps are missing or damaged or welded repairs have been made.

Click to See Regulation 79.27(b)(1)(A)

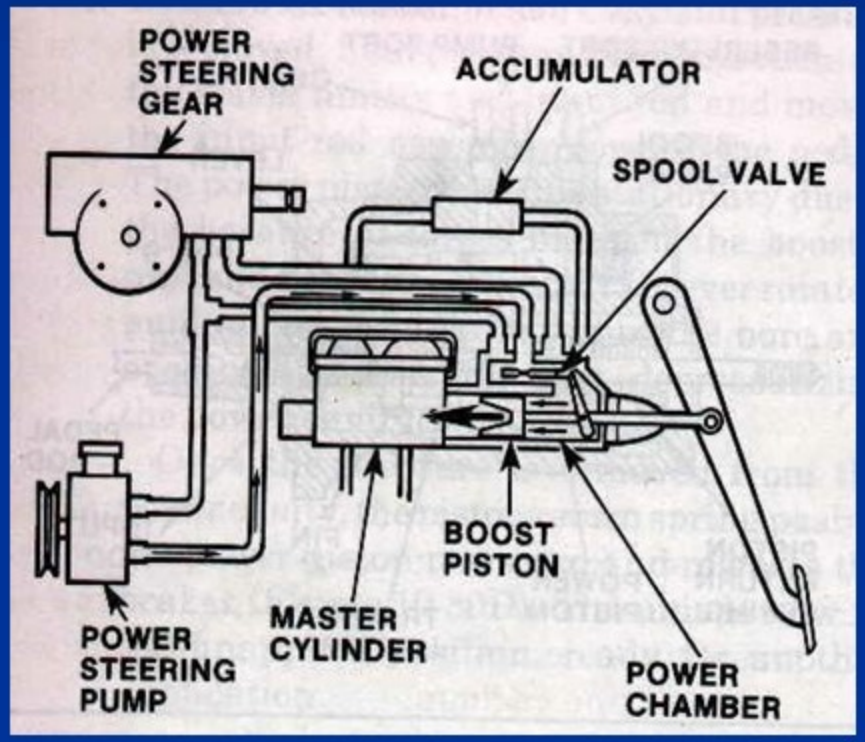
Wheel Fasteners / Mounting

REJECT if any fastener is:

- Broken, missing damaged or loose.

Click to See Regulation 79.27(b)(1)(B)

Power Steering



REJECT if the power steering system:

- Does not work;
- Has visible leaks (lines, hoses, steering box, rack and pinion, & hydro-boost if equipped);
- Hoses are chafed;
- Belt(s) are missing, loose, frayed, or bind or contact other objects.

Click to See Regulation 79.27(c)(2)

Steering Wheel Play

NOTE: The power steering fluid reservoir must be full, the belt(s) must be tight, and the engine must be running.

Check for amount of free play in steering,

REJECT if MORE than:

- 30 Degrees - power steering (or exceeds movement shown in regulation).
- 15 Degrees - manual steering (or exceeds movement shown in regulation).

REJECT if the steering wheel is not properly secured.

Click to See Regulation 79.27(c)(1)(A), 79.27(c)(1)(B), & 79.27(c)(1)(C)

Fuel System

CNG, LPG and LNG systems must also be checked for leaks detectable audibly, visually, or by smell.

CHECK THE FUEL SYSTEM FOR LEAKS including the fuel tank and lines and auxiliary heating or refrigeration units, if equipped.

REJECT if:

Any leak is found in any fuel system, tank or lines that results in dripping or pooling of fuel;

OR

If the tank is not securely attached to the vehicle.

Click to See Regulation 79.27(q)

Front End

INSPECT THE FOLLOWING COMPONENTS AND REJECT if there is excessive looseness in any of the following parts:

- King pins and/or bushings
- Wheel bearings
- Upper or lower cross shaft mounting or bushings
- Idler arm
- Pitman/ steering arm
- Center control arms
- Tie rod ends
- Drag link ends
- Gear box
- Rack mounting
- Steering wheel shaft mounting
- Couplers & universal joints

REJECT if:

- Front axle is bent;
- Gear box mounting is loose, bolts are missing, or bolts or case are cracked;
- Steering shaft coupler/ universal is binding, frayed, or cracked;
- The steering damper leaks, is loose, mount is cracked/ broken, or is missing;
- Bearing cap broken or missing;
- If there are any cracks or welded repairs to any components.

Click to See Regulation 79.27(d)

Suspension

- **REJECT if any spring is:**

- Missing;
- Noticeably sagging;
- Broken;
- Center bolt is broken;
- Shackle is excessively worn or loose;
- Eye or pin bolt is broken/ missing;
- Composite spring cracked more than ¾" in any direction;
- Leaf or portion of any leaf in any spring assembly is missing or separated.

Click to See
Regulation 79.27(e)(1)(A) & 79.27(e)(1)(B)

Trailer Adjustable Axle

Reject if:

- Adjustable axle assemblies (sliding subframes) assembly locking pins are missing or not engaged.

Click to See Regulation 79.27(e)(1)(C)

Torsion Bars, Stabilizer Bars & Torque Rods

Reject if:

- Any torque rod torsion or stabilizer bar is broken, disconnected, missing, bent, or excessively loose.

Click to See Regulation 79.27(e)(2)(A) & 79.27(e)(2)(B)

Air Suspension

REJECT if any air bag is:

- Missing;
- Chafed;
- Damaged;
- Leaking.

Click to See Regulation 79.27(e)(3)(A) & 79.27(e)(3)(B)

Shock Absorbers

REJECT if:

- A shock absorber is on one side but not the other;
- Any originally equipped shock absorber is missing;
- Any shock absorber is broken;
- Any shock has a loose or broken mount or mounting bolt.

NOTE: A LEAKING SHOCK IS NOT CAUSE FOR REJECTION!

Click to See Regulation 79.27(e)(4)(A) & 79.27(e)(4)(B)

Chassis / Frame

REJECT if the chassis / frame:

- Has a section missing;
- Is cracked;
- Is bent;
- Is broken;
- Is deteriorated due to rust.

Click to See Regulation 79.27(f)

Windshield & Other Glass

Click to See Regulation 79.27(g)(1) & 79.27(g)(2)

REJECT if:

- Vehicle is not equipped with a windshield;
- Vehicle is NOT equipped with approved safety glass. (See regulation for designations);
- The windshield has a "star" over 3" in diameter, regardless of location;
- The windshield has a crack more than 11" long , any part of which extends into the path of the windshield wipers;
- Any window is broken or has sharp or jagged edges;
- Any window other than the windshield is cracked, starred, scratched, or discolored so as to obstruct the driver's view.

Inspect for Window Tint - 1

- A two-piece window tint meter is required station equipment.
- If a windshield or a window, through observation, clearly meets the required visible light transmittance standard, it is not necessary to use the tint meter.
- Vehicles displaying a valid MV-80W.2 "Exempt Tinted Windows" sticker need not be inspected for window tint. The exemption certificate is normally found on the inside center top of <u>any</u> window, except the windshield. Valid means the vehicle information printed on the exemption certificate (plate, make, year and color) must match the vehicle.

Click to See Regulation 79.21(f)(3)(a)-(g)

Inspect for Window Tint - 2

Effective January 1, 2017

Model year 1991 or older Heavy Duty motor vehicles: Inspect and reject for less than 35% Visible Light Transmittance (VLT) of all windows <u>except</u> side windows to the rear of the driver. If the vehicle is equipped with dual outside rearview mirrors, the Back Window is <u>not</u> inspected for tint.

- Windshield is inspected <u>below</u> the AS-1 indicator line which is found below the OEM shade band.

Model Year 1992 or newer Heavy Duty motor vehicles: Inspect and reject for less than 70% Visible Light Transmittance (VLT) of all windows <u>except</u> side windows to the rear of the driver. If the vehicle is equipped with dual outside rearview mirrors, the Back Window is <u>not</u> inspected for tint.

- Windshield is inspected <u>below</u> the AS-1 indicator line which is found below the OEM shade band.

Click to See Regulation 79.21(f)(3)(a)-(g)

Windshield Wipers

Click to See Regulation 79.27(h)

REJECT if:

- Any wipers that the vehicle was originally manufactured with are missing;
- Any wiper blade(s) have torn rubber, material other than the rubber wiper blade in contact with the windshield;
- Wiper control is not within easy reach of driver;
- Any wiper does not work;
- Any wiper does not operate freely;
- Any wiper is improperly adjusted.

Mirrors

REJECT if:

- The vehicle does not have a left and right exterior rearview mirror;
- Any mirror is cracked, broken, or discolored;
- Any mirror is not securely mounted, cannot be adjusted, or fails to maintain it's set adjustment.

NOTE: The interior rear view mirror is not part of the safety inspection of a heavy duty vehicle!

Click to See Regulation 79.27(i)

Horn

REJECT if:

- The vehicle does not have a horn;
- The horn is not securely mounted;
- The horn does not work;
- The horn control (operating device) is not within easy reach of the driver.

Click to See Regulation 79.27(j)

Coupling Devices - Fifth Wheel

Inspect condition & mounting of fifth wheel to frame

REJECT if:

- There is any movement between mounting components & frame;
- Any mounting angle iron is cracked or broken.

Click to See Regulation 79.27(k)(1)(A)(i)

Fifth Wheel Mounting Plates & Pivot Brackets

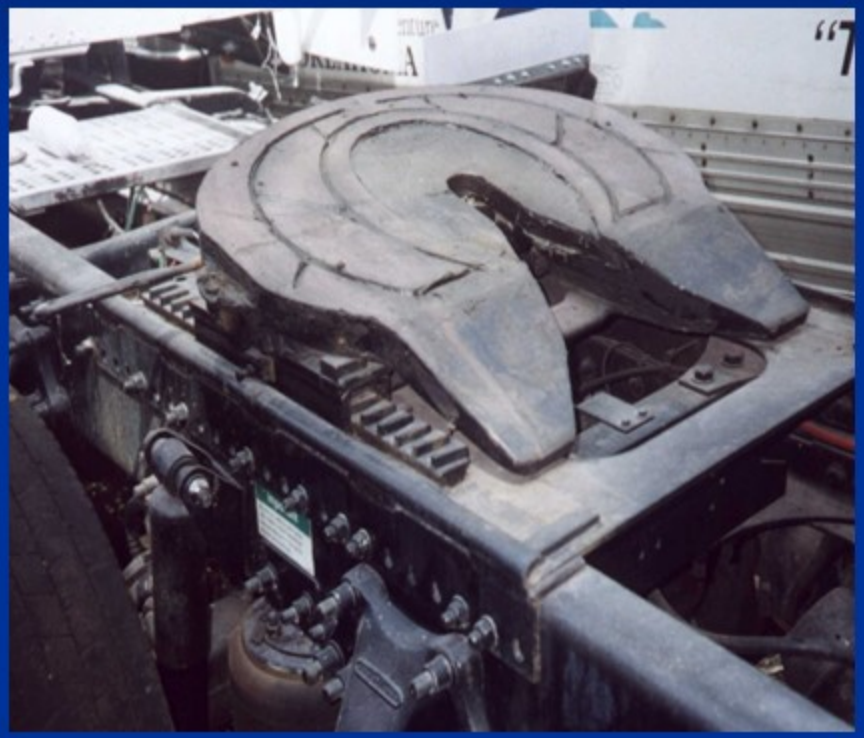
REJECT if:

- More than 20% of fasteners, per side, are missing or ineffective;
- Any weld or parent metal is cracked;
- There is more than 1/4" horizontal movement between the pivot bracket pin & bracket
- Pivot bracket pin is missing or not secured.

Click to See Regulation 79.27(k)(1)(A)(ii)

Fifth Wheel Sliders

INSPECT CONDITION AND OPERATION OF FIFTH WHEEL SLIDER



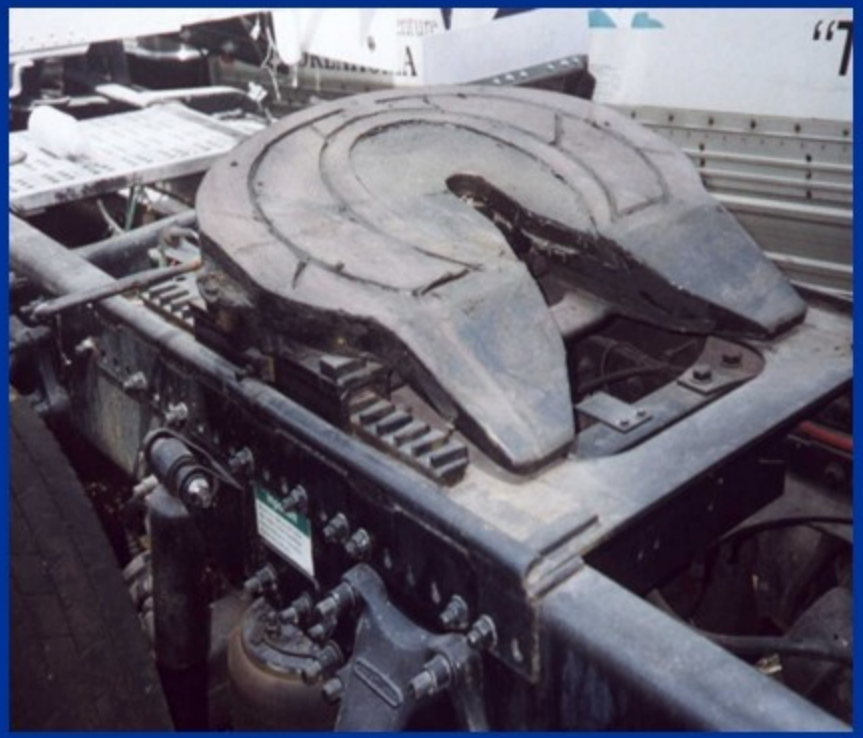
Click to See Regulation 79.27(k)(1)(A)(iii) & 79.27(k)(1)(B)(i)

REJECT If:

- More than 25% of latching fasteners, per side, are ineffective;
- Any fore or aft stop is missing or not securely attached;
- There is more than 3/8" between slider bracket and slider base;
- Any slider component has a crack in parent metal or weld;
- Ineffective latching mechanism;
- Missing or ineffective stop;
- More than ¼" movement between slider and housing;
- There are any leaking, air or hydraulic cylinders hoses, or chambers or hoses which leak (Slight oil weeping is normal for hydraulic seals and is OK).

Fifth Wheel Sliders (cont'd)

INSPECT CONDITION AND OPERATION OF FIFTH WHEEL LOWER COUPLER



Click to See Regulation 79.27(k)(1)(iv)

REJECT if:

- There is more than ½" horizontal movement between the upper and lower 5th wheel halves;
- The operating handle will not stay in the closed or locked position;
- The kingpin cannot be properly engaged;
- The kingpin can be moved by hand in any direction;
- Semi trailer with a bolted upper coupler that has fewer effective bolts evenly divided as follows – ½" bolts total of 10 (5 per side) – 5/8" bolts total of 8 (4 each side). Click on regulation link for additional information.

Fifth Wheel Sliders (cont'd)

INSPECT CONDITION AND OPERATION OF FIFTH WHEEL LOWER COUPLER

Click to See Regulation 79.27(k)(1)(iv)

Reject if:

- This a separation between the upper and lower coupler allowing light to show through from side to side;
- There are cracks in the 5th wheel plate;
- If there are any locking mechanism parts missing, broken, or deformed to the extent that the king pin is not securely held.

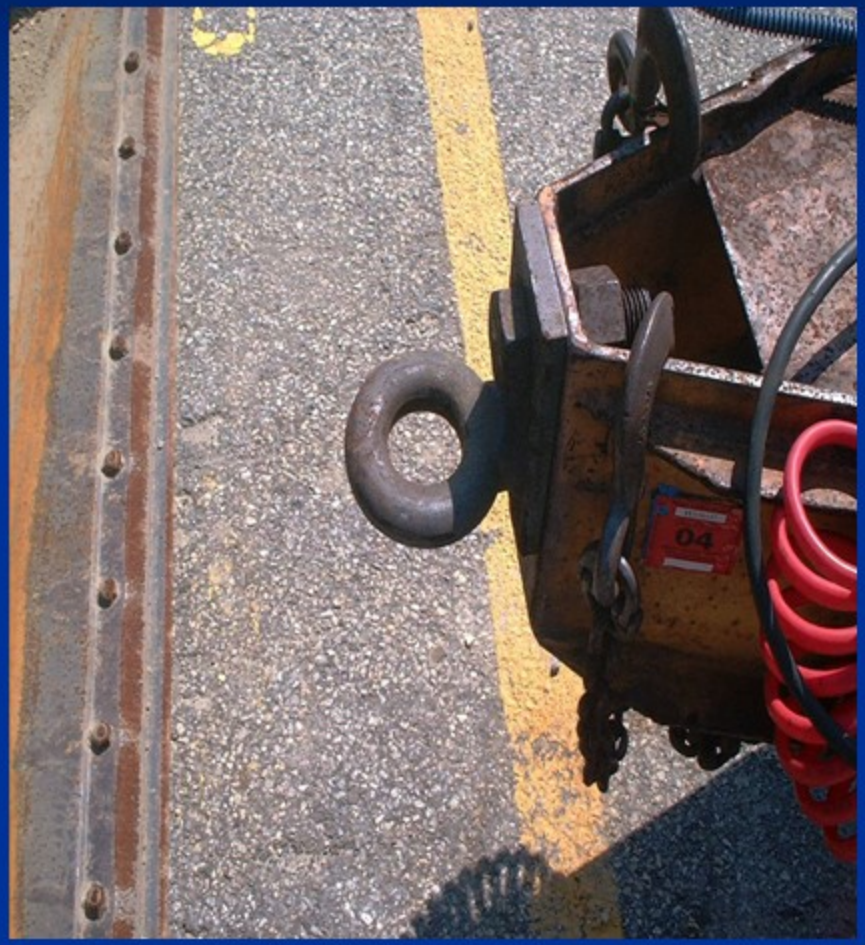
Pintle Hooks

Click to See Regulation 79.27(k)(2)(A) & 79.27(k)(2)(B)

REJECT if:

- There are cracks anywhere in the assembly;
- There are any welded repairs to the pintle hook;
- The hook is excessively worn (section reduced by over 20%). (see regulation link for additional notes);
- Latch does not work.

Draw Bar / Tow Bar Eye



REJECT for:

- Any cracks in attachment welds;
- Any missing or ineffective fasteners;
- Any welded repairs;
- Any cracks;
- Excessive wear (NOTE: Eye must not be worn beyond 20% of its original cross section thickness.)

See regulation link.

Click to See Regulation 79.27(k)(3)(A)

Draw Bar / Tow Bar Tongue and Sliders

Click to See Regulation 79.27(k)(4)

REJECT for:

- Any cracks;
- Any movement of 1/4" or more between the subframe and drawbar at the point of attachment;
- Any drawbar / tow bar tongue slider has an ineffective latching mechanism, missing or ineffective stop, more than ¼" movement between the slider and housing, or leaking air or hydraulic cylinders, hoses, or chambers (other than slight oil weeping normal with hydraulic seals).

Full Trailer

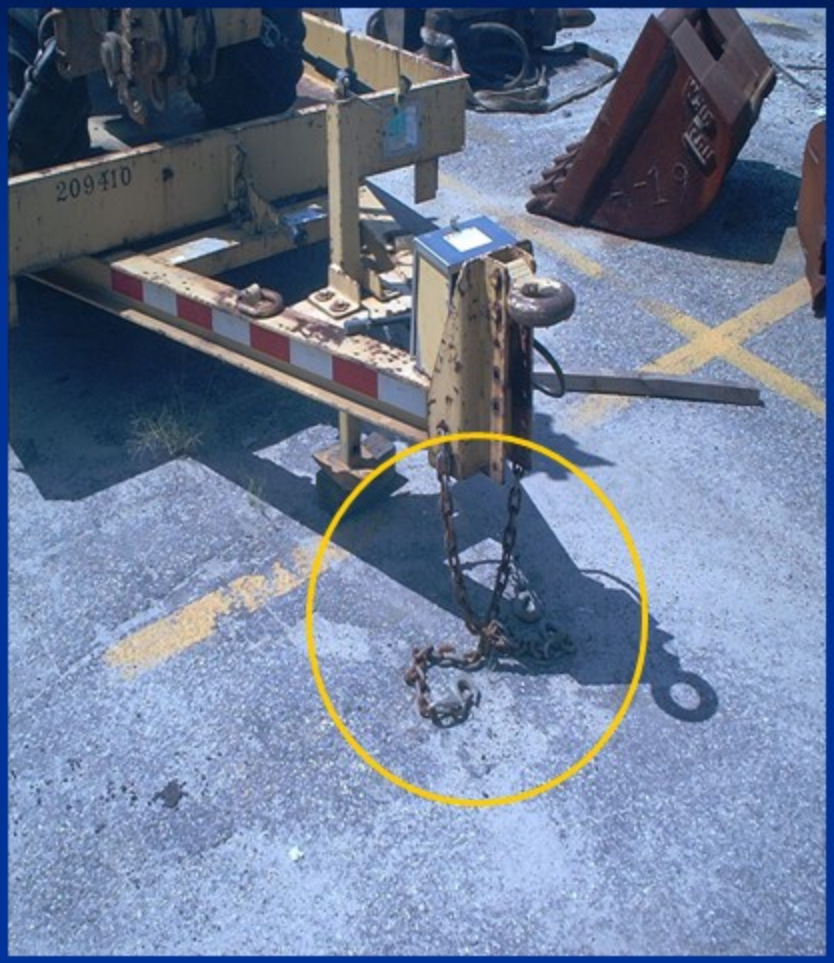
Double Ring, Ball-Bearing Turntable

INSPECT FOR MOUNTING AND WEAR & REJECT if:

- Top or bottom flange has less than 6 effective bolts;
- 20% or more of original welds or parent metal is cracked;
- Upper flange halves are touching lower flange half;
- Flanges are cracked.

Click to See Regulation 79.27(k)(6)

Safety Chains & Cables



Click to See Regulation 79.27(k)(5)

REJECT if:

- Any safety chains or cables are missing;
- Any chain or hook is worn to the extent of a measurable reduction in link cross section;
- Any chain or hook is incapable of secure attachment;
- Any chain or hook is improperly repaired, including welding, wire, small bolts, rope, or tape;
- Any cable has kinked or broken cable strands;
- Any cable is incapable of secure attachment or has improper clamps or clamping.

Exhaust System

Click to See Regulation 79.27(l)(1) & 79.27(l)(2)

REJECT if:

- Vehicle does not have a muffler or turbocharger;
- Exhaust is not discharged either to the rear or above the cab;
- Buses – GAS POWERED - exhaust discharged more than 6" forward from the rearmost part of the vehicle, OTHER THAN GAS POWERED - exhaust discharged more than 15" forward of the rearmost part of the vehicle (see regulation link for more information);
- The muffler is gutted, altered, or patched;
- The exhaust system is excessively loose or gases leak at the manifold gasket, muffler, or any other point in the system. (see regulation link for more information);
- Exhaust system is located as it would be likely to result in burning, charring, or damaging any combustible part of the vehicle (see regulation link for more information).

Headlights

REJECT if:

- Any motor vehicle does not have headlights (not required on trailers);
- A headlight or the headlight system does not meet SAE or DOT standards (not of an approved type) ;
- Unapproved material over or in front of the lens;
- Any lens is broken (pieces missing);
- Not securely mounted;
- Both high & low beam fail to light.

Click to See Regulation 79.27(m)(1)

Taillights & Stop Lights

Click to See Regulation 79.27(m)(2)

REJECT if:

- Vehicle is not equipped with at least 2 red tail lamps & at least 2 red stop lamps;
- Lenses do not display required DOT or SAE markings (not of an approved type) ;
- Any lamp/ lens is broken (pieces missing);
- Tape or other material is used in place of all or part of an approved lens;
- Any lamps is not securely mounted or does not operate properly in all switch position.

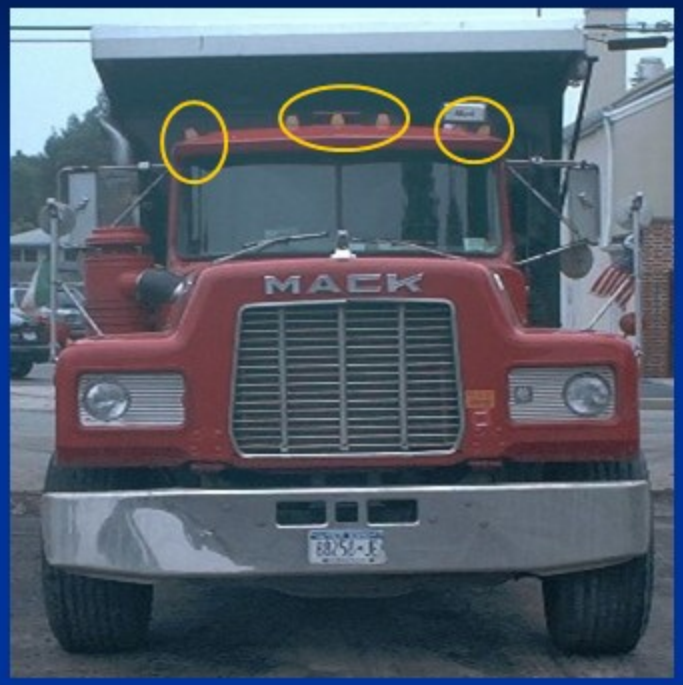
Directional Signals & Hazard Warning Lights

Click to See Regulation 79.27(m)(3)

REJECT If:

- The vehicle is not equipped with directional lamps and indicator lights (Front directional signals not required on trailers);
- The vehicle is not equipped with hazard warning lights and indicator lights that operate independent of the directional signal & ignition switches;
- Any lamp does not display required DOT or SAE markings (not an approved type)
- Front lights do not display amber: rear lights red or amber Any lamp/ lens is broken (pieces missing);
- Tape or other material is used in place of all or part of an approved lens;
- Any lamp is not securely mounted, does not operate properly in all switch positions, or is not visible front or rear;
- Both systems may use the same lamps
- Any switch must be manually held for the desired function.

Marker Lights & Reflectors

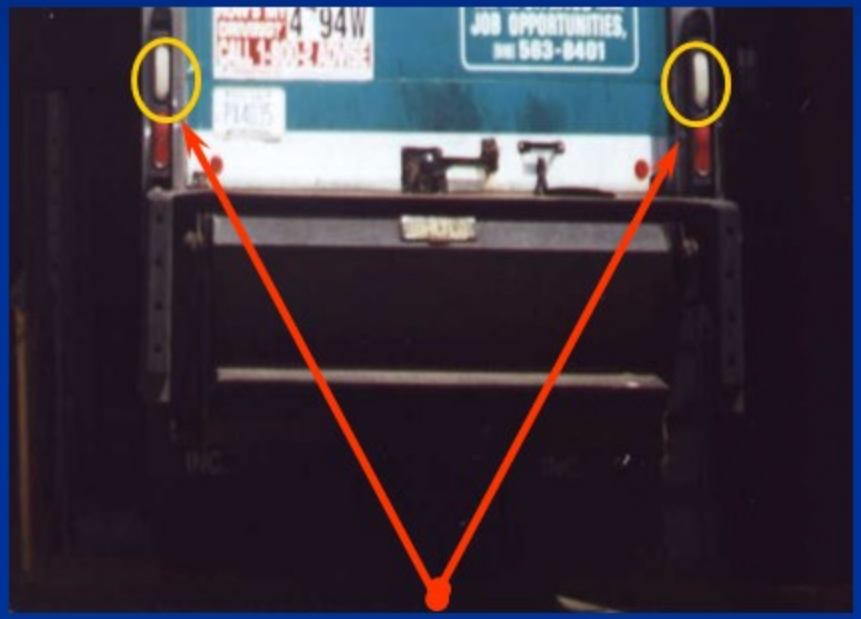


REJECT if:

- Any marker or clearance light is missing;
- Any identification lamp (3-lamp cluster) is missing. Only needed on vehicles over 80" in width;
- Reflectors are missing;
- Any lamps or reflectors do not display required DOT or SAE markings (not an approved type);
- Any lens is broken (pieces missing) or has tape or other material used in place of all or part of an approved lens;
- Any lamp fails to light properly or is not securely mounted.
- NOTE: see regulation link for more information.

Click to See Regulation 79.27(m)(4)

Back Up Lights



Click to See Regulation 79.27(m)(5)

REJECT if:

- A motorized vehicle is not equipped with at least one back up light (not required on trailers);
- Back up light(s) do not display required DOT or SAE markings (not an approved type);
- Any lens is broken (pieces missing) or has tape or other material used in place of all or part of an approved lens;
- Any lamp fails to operate properly or is not securely mounted.

License Plate Light

Click to See Regulation 79.27(m)(6)

REJECT if:

- The vehicle is not equipped with at least one lamp to illuminate the rear license plate;
- Any license plate lamp or reflector does not display required DOT or SAE markings (not an approved type);
- Any lens is broken (pieces missing) or has tape or other material used in place of all or part of an approved lens;
- Any lamp fails to light properly when activated by the switch or is not securely mounted.

Brake Inspection

- Vehicles not equipped with inspection ports or removable backing plates must have one (1) rearmost drive axle brake drum removed to inspect the condition of the brake components. Not required on new vehicle with MCO (Manufacturer's Certificate of Origin).
- Grease seals that are removed in the process SHOULD be replaced after obtaining authorization from the customer

Click to See Regulation 79.27(n)

Disconnected Brakes

REJECT if:

There is a missing or disconnected brake on any wheel.

NOTE: see regulation link for more information

Click to See Regulation 79.27(n)(1)(A)

Hydraulic Brake Hoses, Lines, Fittings and Connections

Click to See Regulation 79.27(n)(1)(B)

REJECT if:

Any brake hose or connecting line is cracked, broken, crimped, swelled or swollen, not securely fastened, charred, chafed, leaking, in contact with the exhaust system or driveline, using copper tubing or compression fittings, improperly joined.

NOTE: see regulation link for more information

Brake Lining Condition

REJECT if any lining is:

- Broken;
- Cracked
- Not completely attached to the shoe or pad;
- Broken;
- Contaminated with grease or oil.

Click to See Regulation 79.27(n)(1)(B)(ii)

Brake Lining Thickness

Click to See Regulation 79.27(n)(1)(B)(ii) & 79.27(n)(2)(B)(ii)

REJECT if linings are worn below these limits:

- HYDRAULIC & ELECTRIC BRAKES

Bonded – less than 1/16" at thinnest point.

Riveted – less than1/16" above the rivet head.

- AIR BRAKES

Bonded – less than 1/4" at thinnest point.

Bolted & Riveted – less than 1/16" above the bolt or rivet head.

Disc Pads – less than 1/8" at thinnest point.

Brake Rotors & Drums

REJECT if drums or rotors:

- Are worn or machined beyond allowable thickness or diameter (machine-to limit);
- Have cracks on the friction surface extending to the open edge;
- Have elongated mounting holes;
- Have mechanical damage other than normal wear.

DRUMS ONLY, REJECT if:

- Friction surface is contaminated with grease, oil, etc.;
- Have cracks on the outside, particularly at the drum mounting

Click to See Regulation 79.27(n)(1)(B)(iii), 79.27(n)(1)(B)(iv), 79.27(n)(2)(B)(iii), & 79.27(n)(2)(B)(iv)

Master Cylinder, Wheel Cylinders & Calipers

REJECT if:

- The master cylinder has visible leaks or is not filled to it's design capacity;
- Any wheel cylinder/ caliper has visible leak.

NOTE: Designed capacity means that the brake fluid level must between the minimum and maximum lines.

Click to See Regulation 79.27(n)(1)(B)(v) & 79.27(n)(1)(B)(vi)

Single Brake Pedal

REJECT if:

The vehicle is not equipped with a single brake pedal which operates ALL the service brakes on that motor vehicle or combination of vehicles (tractor trailer or truck trailer combinations).

Click to See Regulation 79.27(n)(1)(C)(ii)

Brake Pedal Fade, Reserve & Power Assist

REJECT if:

Click to See Regulation 79.27(n)(1)(C)(iii) & 79.27(n)(1)(C)(iv)

- PEDAL RESERVE travel is less than 20% of its total travel (depressed with normal foot pressure);
- PEDAL FADE – pedal does not hold its position for 60 seconds without dropping (depressed with normal foot pressure);
- POWER ASSIST - If pedal assist is not felt with the engine running or for air/ vacuum brake systems, if there is insufficient vacuum reserve for ONE full brake application after engine is shut down.

NOTE: See regulation link for more information.

Brake System Gauge

REJECT if:

The air pressure/ vacuum gauge is missing or defective.

Click to See Regulation 79.27(n)(2)(A)(iii)

Brake System Warning Device

REJECT if:

- Vehicle is not equipped with either an audible or visible warning device, other than the gauge to readily indicate to the driver a system failure;

NOTE: Device must activate when:

Vacuum reserve is below 8" mercury with engine off ;

OR

Air pressure is below 60 P.S.I. with engine off (or less than manufacturers spec's);

- Hydraulic brake failure/ low fluid warning light is on or inoperative.

Click to See Regulation 79.27(n)(1)(C)(v), 79.27(n)(2)(A)(iv)(a), & 79.27(n)(2)(A)(iv)(b)

Air Brake Tanks, Hoses, Lines & Connections

Reject if:

- Any brake component is cracked, broken, crimped, swelled or swollen, not securely fastened, charred or chafed, in contact with the exhaust system or driveline;
- Drain cock cannot be opened or is plugged.

Click to See Regulation 79.27(n)(2)(B)(i) & 79.27(n)(2)(B)(iii)

Air Brake System Leakage Test

NOTE: System pressure must be reduced or increased to 80 PSI either by applying brakes or building up pressure. To perform this test the following 4 conditions must be met before testing:

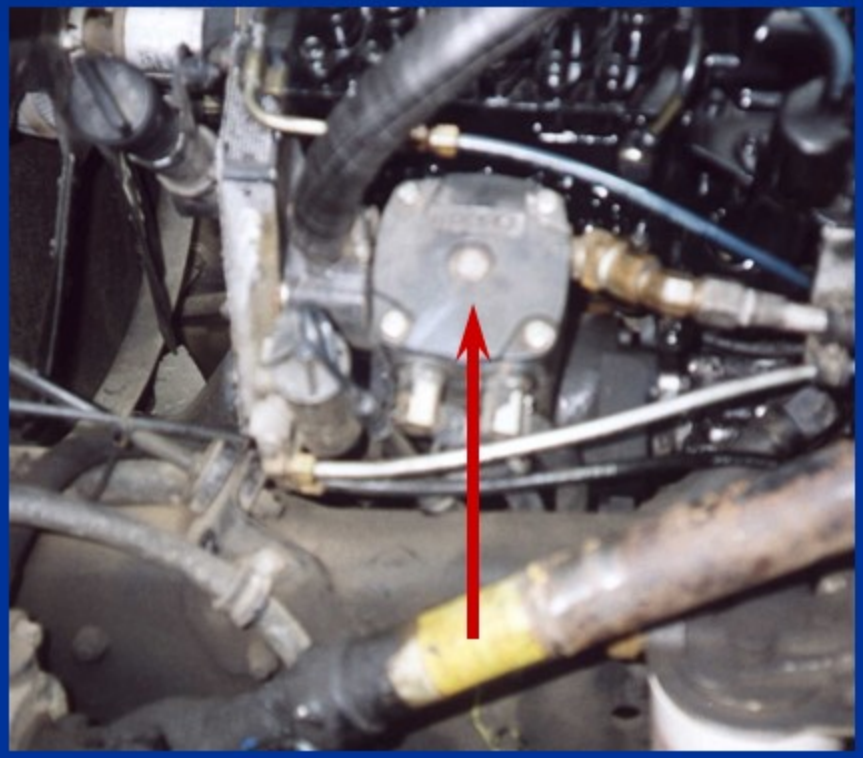
- Governor is cut-in;
- Reservoir pressure is between 80 and 90 PSI;
- Engine is at idle;
- Service brakes are fully applied.

Reject if:

System does not maintain 80 P.S.I. (Perform this test for 1 minute with the brakes fully applied & the engine running on single and/ or combination vehicles).

Click to See Regulation 79.27(n)(2)(C)(v)

Relief Valve, Governor, Compressor & Drive Belts



Reject if:

- Air pressure safety relief valve is not present or does not operate on a system which can be checked;
- Brake system operating pressure exceeds 135 P.S.I.;
- Compressor drive belt(s) is missing, badly worn, frayed, slipping or loose, or bolts, pulleys, brackets, braces or adapters are cracked, broken, loose or missing.

Click to See Regulation 79.27(n)(2)(C)(vi)

Inversion Valve

Reject if:

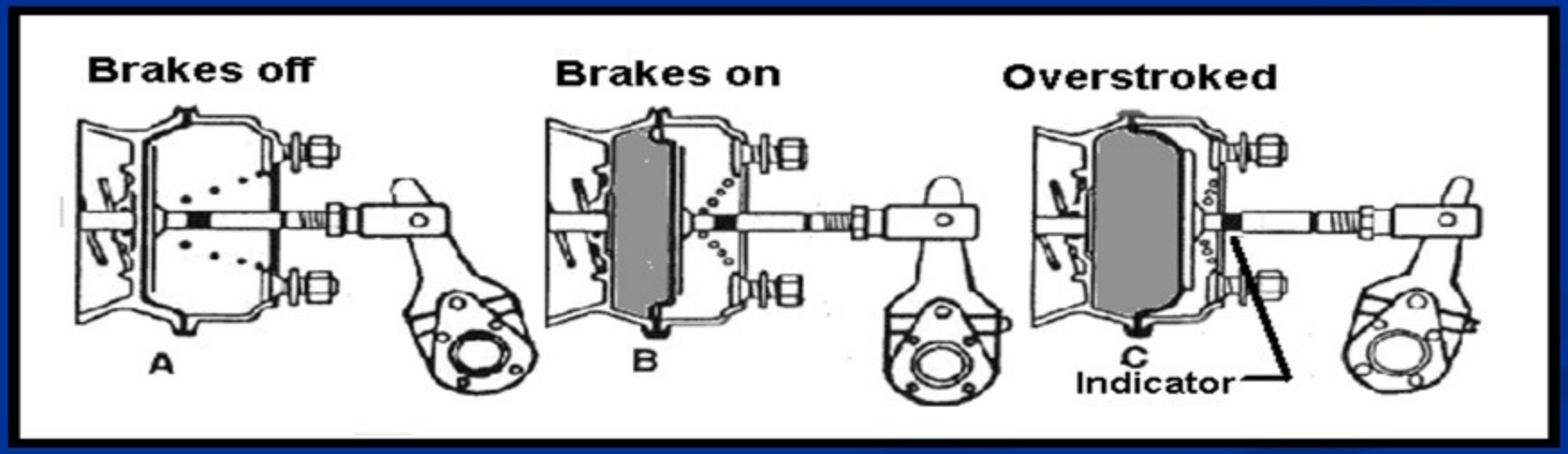
- Inversion valve is not present on vehicles originally equipped with one;
- Inversion valve does not function.

Click to See Regulation 79.27(n)(2)(C)(vii)

Air Disc Brake & Cam Brake Adjustment

Reject If:

- Push rod travel exceeds maximum stroke listed in:
  Table "A" for Cam Brakes or
  Table "B" for Disc Brakes;
- There is a mismatch of air chamber size or slack adjuster on any axle.



Click to See Regulation 79.27(n)(2)(C)(viii)(a) & Appendix I/ Appendix III for CAM brakes & Appendix II for DISC brakes

Brake Adjustment
Table "A" & Table "B"

TABLE A

(Dimensions in Inches)

TYPE	EFFECTIVE AREA (SQ IN)	OUTSIDE DIAMETER* INCHES	MAXIMUM STROKE INCHES
BOLT TYPE BRAKE CHAMBER DATA			
A	12	6-15/16	1-3/8
B	24	9-3/16	1-3/4
C	16	8-1/16	1-3/4
D	6	5-1/4	1-1/4
E	9	6-3/16	1-3/8
F	36	11	2-1/4
G	30	9-7/8	2
ROTOCHAMBER DATA			
9	9	4-9/32	1-1/2
12	12	4-13/16	1-1/2
16	16	5-13/32	2
20	20	5-15/16	2
24	24	6-13/32	2
30	30	7-1/16	2-1/4
36	36	7-5/8	2-3/4
50	50	8-7/8	3
CLAMP TYPE BRAKE CHAMBER DATA			
6	6	4-1/2	1-1/4
9	9	5-1/4	1-3/8
12	12	5-11/16	1-3/8
16	16	6-3/8	1-3/4
20	20	6-25/32	1-3/4
24	24	7-7/32	1-3/4
30	30	8-3/32	2
36	36	9	2-1/4

* Dimensions listed do not include capscrew head projections for rotochambers and bolt clamp projects for clamp type brake chambers.

BENDIX WESTINGHOUSE

DD2	2
DD3	2

-- CAM BRAKES --
PUSH ROD TRAVEL LIMITS

TABLE B

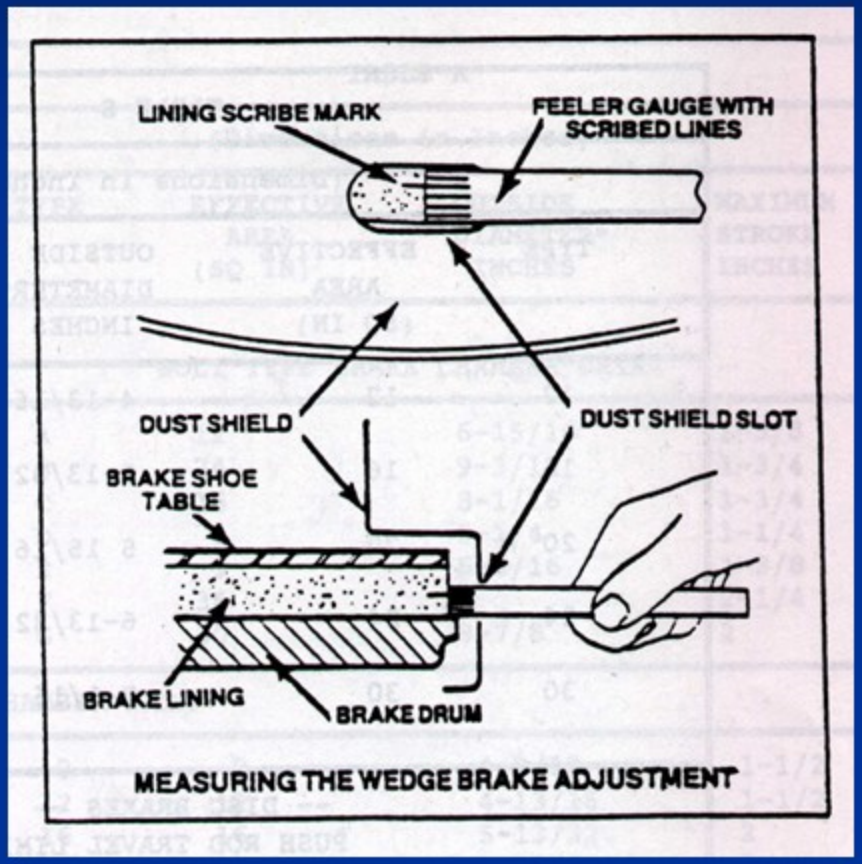
(Dimensions in Inches)

TYPE	EFFECTIVE AREA (SQ IN)	OUTSIDE DIAMETER* INCHES	MAXIMUM STROKE INCHES
12	12	4-13/16	1-5/8
16	16	5-13/32	1-7/8
20	20	5 15/16	2
24	24	6-13/32	2-1/8
30	30	7-1/16	2-1/4

-- DISC BRAKES --
PUSH ROD TRAVEL LIMITS

Click to See Regulation Book Appendix I/ Appendix III for CAM brakes & Appendix II for DISC brakes

Wedge Brake Adjustment



Measure the travel of wedge brake shoes,

Reject If:

Any brake shoe has more than 1/16" travel.

Click to See Regulation 79.27(n)(2)(C)(viii)(b) & Appendix IV

NOTE: Refer to Regulation link for procedure.

Brake Performance Test

System performance of the power unit must be the last brake test done. This test must be done on a hard level surface, free from loose material (indoors or outdoors).

REJECT if the truck, tractor or bus:

- Fails to stop within 35 feet;
- Stops with SIGNIFICANT pull when tested from a speed of 20 MPH

Click to See Regulation 79.27(n)(2)(C)(viii)(c)(1)

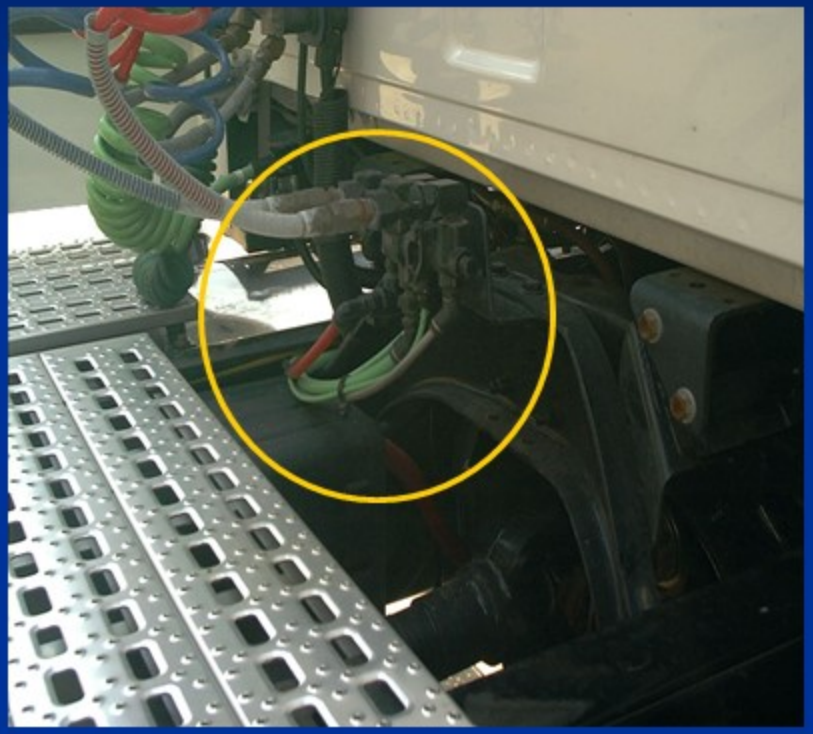
Parking Brake System

Reject if:

- Vehicle is not equipped with a parking brake;
- Any system component is missing or defective including cotter pins, retracting springs, worn rods or couplings, cable visibly frayed or frozen, ratchet, pawl, lever control, or other locking device does not hold the brake in applied position or can't be operated or released;
- Any non-manufactured holes or cracks are found in the spring brake housing section of a parking brake;
- The parking brake does not operate separate from the service brakes;
- Failure of either system leaves the vehicle without brakes;
- There is no reserve travel in the lever or pedal when the brake is fully applied;
- The control is not within easy reach of the driver;
- The parking brake does not hold the vehicle stationary with transmission in low gear with moderate engine power applied.

Click to See Regulation 79.27(o)(1)(A), 79.27(o)(1)(B) & 79.27(o)(1)(C)

Emergency Breakaway System Trucks & Tractors



NOTE: The test must be conducted with a fully charged system.

Reject if:

- The vehicle is not equipped with an automatic breakaway system (tractor protection valve) so that the service brakes on the towing vehicle remain operational if the trailer separates;
- Manual control not within reach of the driver.

Click to See Regulation 79.27(o)(2)(A)(ii) & 79.27(o)(2)(B)(ii)

Emergency Breakaway System Trailers

Check system operation, separate trailer from tractor to simulate breakaway.

Click to See Regulation 79.27(o)(2)(A)(i) & 79.27(o)(2)(B)(i)

Reject if:

- Trailer is not equipped with emergency system which automatically applies the brakes upon separation from the towing vehicle;
- Emergency system fails to hold brakes for 15 minutes.
- See regulation link for more information.

Single / Dual Air Brake Systems

Click to See Regulation 79.27(o)(2)(B)

Manually operate emergency brake system control valves.

Single systems – Dash control valve must apply & release trailer emergency brake system.

Dual systems – Tractor protection control valve (trailer supply valve) must apply and release trailer brakes.

Park control valve – must apply & release all parking brakes.

Reject if:

They fail to function as designed or control valve is not within easy reach of driver.

Seat Belts

REJECT if:

- Vehicle is not equipped with a seat belt at each seating position, including the driver and all passengers. (For Buses, ONLY a DRIVER's seat belt is required).

CHECK OPERATION OF BELTS & REJECT ANY BELT WHICH:

- Cannot be buckled or unbuckled;
- Can be pulled out of its anchors or was not anchored at the start of the inspection;
- Comes unbuckled when tugged upon;
- Has an automatic adjuster which does not operate properly.

Click to See Regulation 79.27(p)

Diesel Opacity Emissions (Smoke Meter) Inspection

All diesel powered vehicles with a Gross Vehicle Weight Rating (GVWR) over 8,500 pounds, per New York State Department of Environmental Conservation (DEC) regulations, that are registered in the "DEMA" (Diesel Emissions Metropolitan Area) Counties of: Suffolk, Nassau, Queens, Kings, Richmond, New York, Bronx, Westchester & Rockland, are required to be diesel opacity (smoke meter) inspected.

Click to See Regulation 79.1(m) & 79.7(c)(7)(i)

Diesel Emissions Opacity Inspection Procedure

- Visually inspect OEM (Original Equipment Manufacturer) emissions control devices for presence and condition. REJECT if any are missing, disconnected, or disabled (tampered).
- Use an approved diesel opacity (smoke meter) tester to check emissions at the tailpipe. Both the RPM probe and the oil temperature probe must be connected during the test. If the tester indicates that the test failed, the vehicle is to be REJECTED.
- The tester print out MUST be given to the motorist and a second copy must be attached to the VS-1074SD record sheet.

NOTE: Follow equipment vendor's instructions for procedures and use of opacity equipment.

Click to see Regulation 79.26(d), 79.26(e), 79.26(g), & 79.26(h)

Diesel Emissions Waiver

New York State Department of Motor Vehicles

DIESEL EMISSION INSPECTION CERTIFICATION AND WAIVER FORM

INSTRUCTIONS:

- This form must be completed by both the person who performed the required diagnostic and repair work (or by the customer, if self repair), and the inspection station granting the waiver.
- The station granting the waiver must keep copies of invoices and receipts for all diagnostic and repair work done so the vehicle would qualify for an emissions waiver, regardless of who performed the work. The station must also keep a copy of the previous smokemeter printout(s) showing the failing opacity. All documents must be kept for 2 years, for review by DMV or DEC.
- The station must mail copies of all of the above documents, along with a copy of this form to: NYSDEC, Division of Air Resources, Bureau of Mobile Sources, 50 Wolf Road, Albany NY 12233-3255 within 3 days after granting the waiver and issuing an inspection certificate to this vehicle.

FOR A STATION TO GRANT A WAIVER, ALL THE FOLLOWING CONDITIONS MUST BE MET:

1. The vehicle must pass the safety inspection and the emission control device check. This must also be at least the 2nd emissions failure for this vehicle within 30 days.
2. The cost of all emission-related repairs, (excluding replacing missing emission control devices) must meet or exceed the waiver limit checked below.
3. The repairs must be recorded accurately on this form.

VEHICLE AND FACILITY DESCRIPTION

Vehicle Year _____

Vehicle Make _____

Plate Number _____

Mileage _____

Vehicle ID No. _____

Certificate Number _____

Inspection Station No. _____

Inspector No. _____

Waiver Date: _____
(Waiver expires one year from this date)

Emission Test Readings: _____ Opacity (%)

NOTICE: *All repairs listed below must be documented on repair receipts and invoices. The documents must be attached to this form and kept by the inspection station for review by the state.*

VEHICLE REPAIRS PERFORMED

Items Repairs/Adjusted	Cost	Repair Shop Facility #
Total Cost		

Check Proper Weight & Waiver Cost		GVW	Minimum Repair Cost For Hardship Waiver
		8,501 to 18,000	$1,000
		18,001 TO 26,000	$2,000
		Over 26,000	$4,000

INSPECTOR'S CERTIFICATION

I certify that copies of invoices and/or receipts supporting the repair items listed above are attached to this document. To the best of my knowledge, the work described above has been performed on the described vehicle.

_____
Inspector's Signature

CUSTOMER'S CERTIFICATION

I certify that, to the best of my knowledge, the diagnostic and repair work described on this form has been performed. Copies of invoices and/or receipts are attached.

_____
Customer's Signature

VS-1079DE (2/03)

Vehicles failing 2 or more diesel opacity (smoke meter) emissions tests may qualify for an emissions waiver. The vehicle must ,since the initial failure, have:

- Passed safety and ECD tampering inspections;
- Had emissions repairs done costing at least:
  - $ 2,000 for vehicles 18,001 to 26,000 pounds MGW.
  - $4,000 for vehicles over 26,000 pounds MGW.
- A completed waiver form, VS-1079DE, signed by both the customer & station. (A copy must be submitted to the NYS Department of Conservation, DEC ,within 3 days of the date of issuance);

NOTE: Vehicles receiving waivers are subject to re-inspection by DMV and all waiver records must be retained for 2 years from the date of issuance.

Click to See Regulation 79.26(h)

Issuing & Affixing The Heavy Duty Safety Inspection Certificate

Punch out month of expiration, enter mileage in space provided, make entries in station records, and affix in proper location.

Motor vehicle - Affix a heavy vehicle safety inspection certificate near the front registration plate where it can be seen at all times.

Click to See Regulation 79.20(c)(7)(i)(b)(1)

All semi-trailers – Affix a heavy vehicle safety inspection certificate at eye level on the left (driver) side, straight out from the king pin on a non-removable part.

Click to See Regulation 79.20(c)(7)(i)(c)

All trailers over 18,000 lbs. MGW & those trailers over 10,000 MGW for which the registrant requested heavy vehicle inspection – Affix a heavy vehicle safety inspection certificate on the left (driver) side of the trailer tongue where it can be seen at all times.

Click to See Regulation 79.20(c)(7)(i)(d)

Issuing & Affixing The Diesel Opacity (Smoke Meter) Emissions Inspection Certificate

Punch out month of expiration, enter mileage in space provided, make entries in station records, and affix the diesel opacity emissions certificate to the lower left corner of the windshield, inside the vehicle.

Diesel powered Heavy Duty vehicles registered in the DEMA must also display a diesel emissions (smoke meter) inspection certificate in addition to the heavy duty safety certificate. (These vehicles will have two certificates affixed, the diesel opacity [Smoke meter] certificate in the windshield and the HD safety only sticker on the outside of the vehicle, near the front registration plate where it can be seen at all times).

Click to See Regulation 79.20(c)(7)(i)

Congratulations, you have now completed the Group 2 New York State Inspector Certification training presentation!

If you are ready to accept the affirmation and certify that you have studied the training material and are ready to take the Pre-test (practice test), choose the "Proceed to Pre-Test" button below. Note: You must pass the Pre-test (practice test) before you can begin your online DMV Final Exam.

Before moving ahead with the online DMV Final Exam you should ensure that you have adequately prepared, and if necessary go back and review any slide(s) and / or regulation(s) you are still unsure of. (Choose the "Return to Training Materials" button below).

Remember, if you do not PASS your DMV Final Exam, you MUST restart the Training process from the beginning!