ANNUAL VEHICLE INSPECTION REPORT

						VEHICLE HISTORY RECORD		
							REPORT NUMBER	FLEET UNIT NUMBER
							-	
						DA	тс	
						DA		
MOTOR CARRIER	OPERATOR				INSPECTOR'S NAME (PRINT OR	TYPE)		
						,		
ADDRESS					THIS INSPECTOR MEETS THE Q	UALIFIC	ATION REQU	UIREMENTS IN SECTION 396.19.
					□ YES			
CITY, STATE, ZIP	CODE				VEHICLE IDENTIFICATION (AND COMPLETE)			
VEHICLE TYPE [🗆 BL	JS		INSPECTION AGENCY/LOCATION (OPTIONAL)			
□ (OTHER)								
		VE	HICLE	COMPON	NENTS INSPECTED			
OK NEEDS REPAIRED DATE	ITEM		EEDS REPAIRED DATE		ITEM	OK NEE	DS REPAIRED	ITEM
CIT REPAIR DATE	1. BRAKE SYSTEM		PAIR DATE	6. SAFE	LOADING	OIT REP		10. TIRES
	a. Service Brakes				rt(s) of vehicle or			a. Tires on any steering axle
	b. Parking Brake System				ndition of loading such			of a power unit.
	c. Brake Drums or Rotors				at the spare tire or any			b. All other tires.
	d. Brake Hose				rt of the load or dunnage			11. WHEELS AND RIMS
	e. Brake Tubing				n fall onto the roadway.			a. Lock or Side Ring
	f. Low Pressure Warning				otection against shifting			b. Wheels and Rims
	Device				rgo.			c. Fasteners
	g. Tractor Protection Valve			c. Co	ntainer securement			d. Welds
	h. Air Compressor			de	vices on intermodal			12. WINDSHIELD GLAZING
	i. Electric Brakes			eq	uipment.			Requirements and exceptions
	j. Hydraulic Brakes				RING MECHANISM			as stated pertaining to any
	k. Vacuum Systems				eering Wheel Free Play			crack, discoloration or vision
	2. COUPLING DEVICES				eering Column			reducing matter (reference
	a. Fifth Wheels				ont Axle Beam and All			393.60 for exceptions).
	b. Pintle Hooks				eering Components		_	13. WINDSHIELD WIPERS
	c. Drawbar/Towbar Eye				her Than Steering			Any power unit that has an
	d. Drawbar/Towbar Tongue				lumn			inoperative wiper, or missing
	e. Safety Devices				eering Gear Box			or damaged parts that render
	f. Saddle-Mounts				man Arm			it ineffective.
	3. EXHAUST SYSTEM				wer Steering			14. OTHER
	a. Exhaust system leaking				II and Socket Joints			List any other condition(s)
	forward of or directly below				e Rods and Drag Links			which may prevent safe
	the driver/sleeper			i. Nu				operation of this vehicle.
	compartment.			j. Ste	eering System			

		 Bus exhaust system 			8. SUSPENSION					
		leaking or discharging in			a. Any U-bolt(s), spring					
		violation of standard.			hanger(s), or other axle					
		c. Exhaust system likely to			positioning part(s) cracked,					
		burn, char, or damage the			broken, loose or missing					
		electrical wiring, fuel supply,			resulting in shifting of an					
		or any combustible part of			axle from its normal position.					
		the motor vehicle.			b. Spring Assembly					
		4. FUEL SYSTEM			c. Torque, Radius or Tracking					
		a. Visible leak.			Components					
		b. Fuel tank filler cap missing.			9. FRAME					
		c. Fuel tank securely attached.			a. Frame Members					
		5. LIGHTING DEVICES			b. Tire and Wheel Clearance					
		All lighting devices and			c. Adjustable Axle					
		reflectors required by Part 393			Assemblies (Sliding					
		shall be operable.			Subframes)					
1	NSTE	RUCTIONS: MARK COLUMN ENTRIES TO VERIFY I	INSPEC	CTION: _	✓ OK, <u>X</u> NEEDS REPAIR, <u>NA</u>	_ IF I	EMS	S DO	NOT APPLY, REPAIRED	DATE

CERTIFICATION: THIS VEHICLE HAS PASSED ALL THE INSPECTION ITEMS FOR THE ANNUAL VEHICLE INSPECTION IN ACCORDANCE WITH 49 CFR PART 396.

Part 396, Appendix G to Subchapter B – Minimum Periodic Inspection Standards

A vehicle does not pass an inspection if it has one of the following defects or ficiencies: 1. Brake System.

1. Brake System.
 a. Service brakes.–(1) Absence of braking action on any axle required to have brakes upon application of the service brakes (such as missing brakes or brake shoe(s) failing to move upon application of a wedge, S-cam, cam, or disc brake).
 (2) Missing or broken mechanical components including: shoes, lining, pads.

springs, anchor pins, spiders, cam rollers, push-rods, and air chamber mounting bolts (3) Loose brake components including air chambers, spiders, and cam shaft support brackets.

 (4) Audible air leak at brake chamber
 (Example-ruptured diaphragm, loose chamber clamp, etc.).

(5) Readjustment limits. The maximum (b) recall barrier minite. The maximum stroke at which brakes should be readjusted is given below. Any brake ¼ⁿ or more past the readjustment limit or any two brakes less than ¼ⁿ beyond the readjustment limit shall be a beyond the readjustment limit shall be cause for rejection. Stroke shall be measured with engine off and reservoir pressure of 80 to 90 psi with brakes fully applied.

BOLT TYPE BRAKE CHAMBER DATA

	Туре	Effective area (sq. in.)	Outside dia. (in.)	Maximum stroke at which brakes should be readjusted
C D E		12 24 16 9 36 30	6 1% 9 % 8 % 5 % 6 % 11 9 %	1 % 1 % 1 % 1 % 2 % 2

ROTOCHAMBER DATA

Туре	Effective area (sq. in.)	Outside dia. (in.)	Maximum stroke at which brakes should be readjusted	
9 12 16 20 24 30 36 50	9 12 16 20 24 30 36 50	4 % 4 % 5 % 6 % 7 % 7 % 8 %	1 % 1 % 2 2 2 % 2 % 3	

CLAMP TYPE BRAKE CHAMBER DATA

Туре	Effective area (sq. in.)	Outside dia. (in.)	Maximum stroke at which brakes should be readjusted
69 12 16 20 24	6 9 12 16 20 24	4 ½ 5 ¼ 5 1‰ 6 ‰ 6 ²‰ 7 ‰ 8 ‰	1 ¼ 1 % 1 % 1 % 1 % 1 %
30 36	30 36	8 ½ 9	2 ½

1(2" for long stroke design)

Wedge Brake Data -- Movement of the scribe mark on the lining shall not exceed inch.

cn. (6) Brake linings or pads. (a) Lining or pad is not firmly attached to

the shoe; (b) Saturated with oil, grease, or brake fluid; 01

or (c) Non-steering axles: Lining with a thickness less than X inch at the shoe center for air drum brakes, %« inch of less at the shoe center for hydraulic and efectine drum brakes, and less than % inch for air dige brakes. (d) Steering axles: Lining with a thickness less than % inch at the shoe center for drum brakes, less than % inch for air dige brakes and %, inch or less for hydraulic disc and electric brakes.

- electric brakes. (7) Missing brake on any axle required to

(7) Missing brake on any axle required to have brakes.
(8) Mismatch across any power unit steering axle of:
(a) Air chamber sizes.
(b) Slack adjuster length.
b. Parking Brake System. No brakes on the vehicle or combination are applied upon actuation of the parking brake control, including driveline hand controlled parking brakes brakes.

- c. Brake Drums or Rotors. (1) With any external crack or cracks that open upon brake application (do not confuse short hairline heat check cracks with flexural cracks)
- (2) Any portion of the drum or rotor missing or ir in danger of falling away. d. Brake Hose.
- d. Brake Hose. d. Brake Hose. Hough the with any damage extending (1) Hose with any damage extending through the outer reinforcement ply. (Rubber impregnated fabric cover is not a reinforcement ply). (Thermoplastic nylon may have braid reinforcement or color difference between cover and inner tube. Exposure of second color is cause for rejection.) (2) Bulge or swelling when air pressure is applied.
- (3) Any audible leaks.
 (4) Two hoses improperly joined (such as a splice made by sliding the hose ends over a piece of tubing and clamping the hose to the
- tube). (5) Air hose cracked, broken or crimped.

- e. Brake Tubing. (1) Any audible leak. (2) Tubing cracked, damaged by heat, broken or crimped. f. Low Pressure Warning Device missing, inoperative, or does not operate at 55 psi and below, or % the governor cut-out pressure, whichever is less. g. Tractor Protection Valve. Inoperable or missing tractor protection valve(s) on power unit. unit
- unit. h. Air Compressor. (1) Compressor drive belts in condition impending or probable failure. (2) Loose compressor mounting bolts. (3) Cracked, broken or loose pulley.
- (4) Cracked or broken mounting brackets, braces or adapters. i. Electric Brakes.
- (1) Absence of braking action on any wheel reai
- quired to have brakes. (2) Missing or inoperable breakaway braking device
- j. Hydraulic Brakes. (Including Power Assist Over Hydraulic and Engine Drive Hydraulic Rooster)
- poster). (1) Master cylinder less than ½ full. (2) No pedal reserve with engine running

- Masset Gymlate Hess time running except by pumping pedal.
 Power assist unit fails to operate.
 Seeping or swelling brake hose(s) under application of pressure.
 Missing or inoperative check valve.
 Has ny visually observed leaking hydraulic fluid in the brake system.
 Has hydraulic hose(s) abraded (chafed) through outer cover-to-fabric layer.
 Fluid lines or connections leaking.
 Brake failure or low fluid varning light on and/or inoperative.
- on and/or inoperative. k. Vacuum Systems. Any vacuum system which
- Has insufficient vacuum reserve to nit one full brake application after engine is shut off

(2) Has vacuum hose(s) or line(s) restricted, abraded (chafed) through outer cover to cord ply, crimped, cracked, broken or has collapse of vacuum hose(s) when vacuum

is applied. (3) Lacks an operative low-vacuum warning (3) Lacks an operative low-vacuum war vice as required.
2. Coupling devices.
a. Fifth Wheels.
(1) Mounting to frame.
(a) Any fasteners missing or ineffective (b) Any movement between mounting uppendet. dev

- (c) Any mounting angle iron cracked or
- (2) Mounting plates and pivot brackets
- (a) Any fasteners missing or ineffective.
 (b) Any welds or parent metal cracked.
 (c) More then % inch horizontal movement
- between pivot bracket pin and bracket (d) Pivot bracket pin missing or not

- (3) Sliders.(a) Any latching fasteners missing or
- (b) Any fore or aft stop missing or not securely attached.
- securely attached. (c) Movement more than % inch between slider bracket and slider base. (d) Any slider component bracked in parent metal or weld. (4) Lower coupler. (a) Horizontal movement between the upper and lower fifth wheel halves exceeds % inch.

- (b) Operating handle not in closed or locked posit

- (b) Operating handle not in closed or locked position.
 (c) Kingpin not properly engaged.
 (d) Separation between upper and lower coupler allowing light to show through from side to side.
 (e) Cracks in the fifth wheel plate. Exceptions: Cracks in fifth wheel approach ramps and casting shrinkage cracks in the ribs of the body of a cast fifth wheel.
 (f) Locking mechanism parts missing.
 broken, or deformed to the extent the kingpin is not securely held.
 (f) Mounting to frame.

- b. *Pintle Hooks.*(1) Mounting to frame.
 (a) Any missing or ineffective fasteners (a fastener is not considered missing if there is an empty hole in the device but no corresponding hole in the frame or vice versa).
 (b) Mounting surface cracks extending from point of attachment (e.g., cracks in the frame at mounting bolt holes).
 (c) Loose mounting.
 (d) Frame cross member providing pintle hook attachment (e.g., take).

- hook attachment cracked. (2) Integrity. (a) Cracks anywhere in pintle hook assembly. (b) Any welded repairs to the pintle hook. (c) Any part of the hom section reduced by more than 20%. (d) Latch insecure. . Drawbar/Towbar Eye. (1) Mounting. (a) Any cracks in attachment welds. (b) Any missing or ineffective fasteners. (2) Integrity. (a) Any cracks.

- (a) Any cracks (b) Any part of the eye reduced by more
- than 20% d. Drawbar/Towbar Tongue

- (1) Slider (power or manual).
 (a) Ineffective latching mechanism.
 (b) Missing or ineffective stop.
 (c) Movement of more than ¼ inch between
- (c) Movement of more than % inch betwee slider and housing.
 (d) Any leaking, air or hydraulic cylinders, hoses, or chambers (other than slight oil weeping normal with hydraulic seals).

(2) Integrity

bearing member.

3 Exhaust System

inch

point

missing.

equippea wi be running).

20" 22"

arm

Steering wheel diameter

b. Steering Column

(1) Any crack(s).

- (2) Integrity.
 (a) Any cracks.
 (b) Movement of ¼ inch between subframe and drawbar at point of attachment.
 e. Safety Devices.
 (1) Safety devices missing.
 (2) Unattached or incapable of secure

broken or missing. (2) Any broken main leaf in a leaf spring assembly. (Includes assembly with more than one main spring). (3) Coli spring broken. (4) Rubber spring missing. (5) One or more leaves displaced in a manner that could result in contact with a tire, rim, brake drum or frame. (6) Broken torsion bar spring in a torsion bar suspension.

(6) Broken torsion bar spring in a torsion bar suspension.
(7) Deflated air suspension, i.e., system failure, leak, etc.
c. Torque, Radius or Tracking Components.
Any part of a torque, radius or tracking component assembly or any part used for attaching the same to the vehicle frame or whetheth to recorder a longer before are incident.

axle that is cracked, loose, broken or missing. (Does not apply to loose bushings in torque or

(1) Any cracked, broken, loose, or sagging

me member. (2) Any loose or missing fasteners including

(2) Any loose or missing fasteners including fasteners attaching functional component suc as engine, transmission, steering gear, suspension, body parts, and fifth wheel. b. Tire and Wheel Clearance. Any condition, including loading, that causes the body or frame to be in contact with a tire or any part of the wheel assemblies. c. (1) Adjustable Axle Assemblies (Sliding Subframes). Adjustable axle assembly with locking pins missing or not engaged. 10. Tires.

Tires.
 Any tire on any steering axle of a power of

unit. (1) With less than ½ inch tread when measured at any point on a major tread

groove. (2) Has body ply or belt material exposed through the tread or sidewall.

(3) Has any tread or sidewall.
(4) Has a cut where the ply or belt material

is exposed. (5) Labeled "Not for Highway Use" or displaying other marking which would exclude use on steering axle. (6) A tube-type radial tire without radial tube stem markings. These markings include a red band around the tube stem, the word "radial" embossed in metal stems, or the word "radial" molded in rubber stems. (7) Mixing bias and radial tires on the same axle.

ade.
(9) Tire flap protrudes through valve slot in rim and touches stem.
(9) Regrooved tire except motor vehicles used solely in urban or suburban service (see exception in 393.75(e).
(10) Boot, blowout patch or other ply repair.
(11) Weight carried exceeds tire load limit. This includes overloaded tire resulting from low air pressure.

low air pressure. (12) Tire is flat or has noticeable (e.g., can

(13) Any bus equipped with recapped or

contact with any part of the vehicle. b. All tires other than those found on the

(14) So mounted or inflated that it comes in

includes overloaded tire resulting from

(2) Tire is flat or has noticeable (e.g., can beard or felt) look

(2) Tire is flat or has noticeable (e.g., can beard or fell) leak.
(3) Has body ply or belt material exposed rough the tread or sidewall.
(4) Has any tread or sidewall separation.
(5) Has a cut where ply or belt material is record.

(5) Has a cut where ply or belt material is exposed.
(6) So mounted or inflated that it comes in contact with any part of the vehicle. (This includes a tire that contacts its mate.)
(7) Is marked "Not for highway use" or otherwise marked and having like meaning.
(8) With less than % inch tread when measured at any point on a major tread groove.

groove. 11. Wheels and Rims. a. Lock or Side Ring. Bent, broken, cracked, improperly seated, sprung or

mismatched ring(s). b. Wheels and rims. Cracked or broken or has elongated bolt holes.

c. Fasteners (both spoke and disc wheels).

Any loose, missing, broken, cracked, stripped or otherwise ineffective fasteners.

Any cracks in welds attaching disc used disc to rim.

Any cracks in welds attaching disc wheel disc to rim.
 Any crack in welds attaching tubeless demountable rim to adapter.
 Any welded repair on aluminum wheel(s) on a steering axle.
 Any welded repair other than disc to rim attachment on steel disc wheel(s) mounted on the steering axle.
 Windshield Glazing. (Not including a 2 inch border at the top, a 1 inch border at each side and the area below the topmost portion of the steering wheel) Any crack, discoloration or vision reducing matter except: (1) coloring or tinting applied at time of manufacture; (2) any crack not over ¼ inch wide, if not intersected by any other crack; (3) any damaged area not more than ¾ inch in diameter, if not closer than 5 inches to any

diameter, if not closer than 3 inches to any

has an inoperative wiper, or missing or damaged parts that render it ineffective. Comparison of Appendix G, and the new

North American Uniform Driver-Vehicle Inspection Procedure (North American Commercial Vehicle Critical Safety Inspection

decalcomania, etc. (see 393.60 for

exceptions).

other such damaged area; (4) labels, stickers,

13. Windshield Wipers. Any power unit that

be heard or felt) leak.

steering axle of a power unit: (1) Weight carried exceeds tire load limit.

retreaded tire(s).

low air pressure

d. Welds.

Thie

be

thr

track rods.)

fra

10

exposed

axl

9. Frame. a. Frame Members.

Items and Out-OI-Service Criteria) The vehicle portion of the FMCSA's North American Uniform Driver-Vehicle Inspection Procedure (NAUD-VIP) requirements, CVSA's North American Commercial Vehicle Critical Safety Inspection Items and Out-OI-Service Criteria and Appendix G of subchapter B are similar documents and follow the same inspection procedures. The same Items are required to be inspected by each document. FMCSA's and CVSA's out-oI-service criteria are intended to be used in random roadside inspections to identify critical vehicle inspection wide criteria for

inspection items and provide criteria for placing a vehicle(s) out-of-service. A vehicle(s) is placed out-of-service only when by reason of its mechanical condition or

loading it is determined to be so imminently hazardous as to likely cause an accident or

breakdown, or when such condition(s) would

likely contribute to loss of control of the vehicle(s) by the driver. A certain amount of

the inspection site or if it would be less hazardous to allow the vehicle to proceed to a repair facility for repair. The distance to the repair facility must not exceed 25 miles. The roadside type of inspection, however, does not necessarily mean that a vehicle has to be defect-free in order to continue in service. In contrast, the Appendix G inspection procedure requires that all items required to be inspected are in proper adjustment, are not defective and function properly prior to the vehicle being placed in service.

Differences Between the Out-of-Service Criteria & FMCSA's Annual Inspection

Criteria & FMCSA's Annual Inspection 1. Brake System. The Appendix G criteria rejects vehicles with any defective brakes, any air leaks, etc. The out-of-service criteria allows 20% defactive brakes on non-steering axles and a vehicle out-of-service. 2. Coupling Devices. Appendix G rejects vehicles with any fifth wheel mounting fastener missing or ineffective. The out-of-service criteria allows up to 20% missing or ineffective fasteners on frame mountings and pivot brackst mountings and 25% on silder latching fasteners. The out-of-service criteria also allows some latitude on cracked welds.

Orservice of terms also allows some failude of cracked welds.

 Exhaust System.
 Appendix G follows Section 393.83
 verbatim. The CVSA out-of-service criteria allows vehicles to exhaust forward of the dimensions given in Section 393.83 as long as the exhaust does not leak or exhaust under the chemical.

Same for Appendix G and the out-of-

5. Lighting Devices. Appendix G requires all lighting devices required by Section 393 to be operative at all times. The out-of-service criteria only requires one stop light and functioning turn signals on the rear most vehicle of a combination vehicle to be operative at all times. In addition one operative head lamp and tail lamp are required during the hours of darkness. 6. Safe Loading. Same for both Appendix G and the out-of-service criteria.

service criteria. 7. Steering Mechanism. Steering lash requirements of Appendix G follows the new requirements of § 393.209. 8. Suppose

8. Suspension. Appendix G follows the new requirements

of § 393.207 which does not allow any broken leaves in a leaf spring assembly. The out-of-

The out-of-service criteria allows a certain

10. Tires. Appendix G follows the requirements of 393.75 which requires a tire tread depth of ½ inch on power unit steering axles and ½ inch on all other axles. The out-of-service criteria only requires ½ inch tire tread depth on power unit steering axles and ½ inch on all other axles.

unit steering axles and ½ inch on all other axles. 11. Wheel and Rims. The out-of-service criteria allows a certain amount latitude for wheel and rim cracks and missing or defective fasteners. Appendix G meets the requirements of the new 393.205 which does not allow defective wheels and rims non-effective nuts and bolts. 12. Windshield Glazing. The out-of-service criteria places in a restricted service condition any vehicle that has a crack or discoloration in the windshield

has a crack or discoloration in the windshield

area lying within the sweep of the wiper on the drivers side and does not address the

drivers side and does not address the remaining area of the windshield. Appendix G addresses requirements for the whole windshield as specified in 393.60. 13. *Windshield Wipers*. Appendix G requires windshield wipers to be operative at all times. The out-of-service

criteria only requires that the windshield wiper on the driver's side to be inspected during inclement weather.

BACK 400-FS-C

(Rev. 8/09)

service criteria allows up to 25% broken or

missing leaves before being placed out-of-

latitude in frame cracks before placing a vehicle out-of-service. Appendix G follows the new requirements of 393.201 which does not allow any frame cracks.

the chassis. 4. Fuel System

service 9. Frame.

10 Tires

service criteria. 5. Lighting Devices.

service at

flexibility is given to the inspecting official whether to place the vehicle out-of-servic the inspection site or if it would be less

Items and Out-Of-Service Criteria)

- (2) Unattached or incapable of secure attachment.
 (3) Chains and hooks.
 (a) Worn to the extent of a measurable reduction in link cross section.
 (b) Improper repairs including welding, wire, small bolts, rope and tape.
 (4) Caple
- (4) Cable.
 (a) Kinked or broken cable strands.
 (b) Improper clamps or clamping.
- . Saddle-Mounts. Saddle-wounts.
 Method of attachment.
 Any missing or ineffective fasteners.

(b) Loose mountings.(c) Any cracks or breaks in a stress or load

(d) Horizontal movement between upper

S. Exhaust System.
 Any exhaust system determined to be leaking at a point forward of or directly below the driver/sleeper compartment.
 b. A bus exhaust system leaking or discharging to the atmosphere:
 (1) Gasoline powered-excess of 6 inches forward of the rearmost part of the bus.
 (2) Other than gasoline powered-in excess of 15 inches forward of the rearmost part of the bus.

(3) Other than gasoline powered–forward of a door or window designed to be opened. (exception: Emergency exits). c. No part of the exhaust system of any motor vehicle shall be so located as would be lifeting the control in burging operation.

likely to result in burning, charring, or damaging the electrical wiring, the fuel supply, or any combustible part of the motor vehicle. 4. Fuel System. a. A fuel system with a visible leak at any

point. b. A fuel tank filler cap missing. c. A fuel tank not securely attached to the motor vehicle by reason of loose, broken or missing mounting bolts or brackets (some fuel tanks use springs or rubber bushings to permit

active use springs of rubber devices movement). 5. *Lighting Devices*. All lighting devices reflectors required by Section 393 shall b

reflectors required by Section 393 snan we operable. 6. Sale Loading. a. Part(s) of vehicle or condition of loading such that the spare tire on any part of the load or dumage can fall onto the roadway. b. Protection Against Shifting Cargo-Any vehicle without a front-end structure or equivalent device as required. c. Container securement devices on intermodal equipment—All devices used to secure an intermodal container to a chassis, including rails or support frames, tiedown bolsters, locking pins, clevises, clamps, and

bolsters, locking pins, clevises, clamps, and hooks that are cracked, broken, loose, or missing

(1) Any absence or looseness of U-bolt(s) or positioning part(s).

universal joint(s). (3) Steering wheel not properly secured.

c. Front Axle Beam and All Steering Components Other Than Steering Column.

(1) Any conduct we ded repair(s).
 (1) Any mounting bolt(s) loose or missing.
 (2) Any crack(s) in gear box or mounting paleto.

e. *Pitman Arm*. Any looseness of the pitman arm on the steering gear output shaft. f. *Power Steering*. Auxiliary power assist cylinder loose.

stud nut.
(2) Any motion, other than rotational, between any linkage member and its attachment point of more than ½ inch.
h. *Tie Rods and Drag Links*.
(1) Loose clamp(s) or clamp bolt(s) on tie rods or drag links.
(2) Any looseness in any threaded joint. *i. Nuts*. Nut(s) loose or missing on tie rods, pitman arm, drag link, steering arm or tie rod arm.

arm. j. Steering System. Any modification or other condition that interferes with free movement of any steering component. 8. Suspension.

a. Any U-bolt(s), spring hanger(s), or other

a. Any U-bolt(s). spring hanger(s), or other axle positioning part(s) cracked, broken, loose or missing resulting in shifting of an axle from its normal position. (After a turn, lateral axle displacement is normal with some suspensions. Forward or rearward operation in a straight line will cause the axle to return to alignment).
 b. Spring Assembly.
 (1) Any leaves in a leaf spring assembly

g. Ball and Socket Joints. (1) Any movement under steering load of a

(2) Any obvious welded repair(s).
(2) Any obvious welded repair(s).
(3) Any obvious welded repair(s).

(2) Worn, faulty or obviously repair welded

Steering Mechanism.
 Steering Wheel Free Play (on vehicles upped with power steering the engine must

Manual steering

2" 2 ¼" 2 ½" 2 ¾"

Power steering

5 ½" 5 ½"

and lower saddle-mount halves exceeds