

REPORT NUMBER 110-STF-06-006

SAFETY COMPLIANCE TESTING FOR FMVSS NO. 110 TIRE SELECTION AND RIMS

NISSAN MOTOR COMPANY, LTD.
2006 TITAN XE
4X2 KING CAB TRUCK
NHTSA NO. C65201

U.S. DOT SAN ANGELO TEST FACILITY
131 COMANCHE TRAIL, BUILDING 3527
GOODFELLOW AFB, TEXAS 76908



February 14, 2007

FINAL REPORT

PREPARED FOR

U. S. DEPARTMENT OF TRANSPORTATION
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
ENFORCEMENT
OFFICE OF VEHICLE SAFETY COMPLIANCE
400 SEVENTH STREET, SW
ROOM 6115 (NVS-220)
WASHINGTON, D.C. 20590

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16. Abstract Compliance tests were conducted on the subject 2006 Nissan Titan XE 4X2 king cab truck in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP-110T-01 for the determination of FMVSS 110 compliance. Test failures identified were as follows: NONE.			
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SECTION 1

INTRODUCTION

1.1 PURPOSE OF COMPLIANCE TEST

A 2006 Nissan Titan XE 4X2 king cab pickup truck was tested to determine if the vehicle was in compliance with the requirements of the standard. All tests were conducted in accordance with NHTSA, Office of Vehicle Safety Compliance (OVSC) Laboratory Test Procedure, TP-110T-01, dated December 15, 2005.

1.2 TEST VEHICLE

The test vehicle was a 2006 Nissan Titan XE 4X2 king cab pickup truck. Nomenclatures applicable to the test vehicle are:

A. Vehicle Identification Number: 1N6BA06A86N502625

B. NHTSA No.: C65201

C. Manufacturer: Nissan Motor Company, Ltd.

D. Manufacture Date: 08/2005

1.3 TEST DATE

The test vehicle was tested on January 5 through 11, 2007.

SECTION 2

TEST PROCEDURE AND SUMMARY OF RESULTS

2.1 TEST PROCEDURE

Prior to test, the test vehicle was inspected for completeness, systems operability and appropriate fuel and liquid levels, i.e. oil and coolant. The vehicle was then photographically documented. The right front tire was inspected and identifying data was obtained. Pertinent information from the tire and rim was photographed.

Subsequent events included weighing the vehicle to establish delivered Unloaded Vehicle Weight and the distribution of weight on the front and rear axles and each wheel position. At each step of the ballasting procedure, data was recorded. Vehicle was ballasted to Normal Load weight, Full Occupant Load, and Maximum Vehicle Load weight. Ballast was photographically documented for Maximum Vehicle Load weight. The vehicle maximum load on each wheel was measured. Data from each tire furnished with the vehicle were recorded. The vehicle did not have a vehicle placard. It was built in August 2005, before the effective date of the vehicle placard requirement. Tire size information was taken from vehicle certification label. The right front wheel was removed from the vehicle and the tire was dismounted from the rim. The rim was measured from flange to flange, and rim markings were photographically documented. The owner's manual was checked for all required information on tire loading, and on general tire and loading parameters.

2.2 SUMMARY OF RESULTS

The data indicate compliance of the king cab truck with all requirements tested.

SECTION 3

TEST DATA

DATA SUMMARY SHEET (1 of 2)

VEHICLE MAKE/MODEL/BODY STYLE: 2006 Nissan Titan XE 4X2 king cab truck

VEHICLE NHTSA NO.: C65201 VIN: 1N6BA06A86N502625

VEHICLE TYPE: Pickup truck DATE OF MANUFACTURE: 08/2005

LABORATORY: US DOT San Angelo Test Facility

LIGHT TRUCK TYPE REQUIREMENTS

PASS/FAIL

General (Data Sheet 2)

The vehicle must be equipped with tires that meet the requirements of S109 or S119. (S120, S5.1.1)

PASS

Tire Load Limits (Data Sheet 2)

The sum of the maximum load ratings of the tires fitted to an axle is not less than the gross axle weight rating (GAWR) of the axle system as specified on the certification label. (S120, S5.1.2)

PASS

Rim (Data Sheet 3)

Each rim is constructed to the dimensions of a rim specified for the tire size equipped on the vehicle. (S120, S5.1.1)

PASS

Each rim is properly marked. (S120, S5.2)

PASS

Certification, Placard, and Tire Inflation Pressure Labels (Data Sheets 4)

The placard and tire inflation pressure label (if provided) are affixed and located correctly, and display the information and format required. (S110, S4.3)

N/A

The Part 567 certification label shows the size designation of the tires and rims appropriate for the vehicle including the tire size(s) listed on the vehicle placard and, if provided, tire inflation pressure label (S110, 4.3.3)

PASS

No inflation pressure other than the maximum permissible inflation pressure is shown on the placard and, if any, tire inflation pressure label unless as required (S110, S4.3.4)

N/A

DATA SUMMARY SHEET (2 of 2)

Vehicle Weight Distribution (Data Sheet 5)

The Gross Vehicle Weight Rating (GVWR) is not less than the sum of the unloaded vehicle weight, rated cargo load, and 68 kg times the vehicle's designated seating capacity. However, for school buses, the minimum occupant weight allowance is 54 kg. (49 CFR 567, *Certification*)

PASS

Owner's Manual (Data Sheet 6)

Owner's manual or other document has discussion of Loading and Tires (575.6 (a)(4))

PASS

Owner's manual includes exact statement relating to "Steps for Determining Correct Load Limits." (575.6 (a)(5))

PASS

DATA SHEET 1
TEST VEHICLE INFORMATION/RECEIVING INSPECTION

VEHICLE MAKE/MODEL/BODY STYLE: 2006 Nissan Titan XE 4X2 king cab truck

VEHICLE NHTSA NUMBER: C65201 TEST DATE: January 5, 2007

VIN:: 1N6BA06A86N502625 MANUFACTURE DATE: 08/2005

GVWR: 2,913 kg (6,422 lbs) GAWR (front): 1,532 kg (3,377 lbs)
GAWR (rear): 1,724 kg (3,800 lbs)

SEATING POSITIONS: FRONT 3 MID N/A REAR 3

ODOMETER READING AT START OF TEST: 1,296 km (805 mi)

ENGINE DATA: 8 Cylinders 5.6 Liters 339 Cubic Inches

TRANSMISSION DATA: X Automatic Manual 5 No. of Speeds

FINAL DRIVE DATA: X Rear Drive Front Drive 4 Wheel Drive

CHECK APPROPRIATE BOXES FOR INSTALLED VEHICLE EQUIPMENT:

<input checked="" type="checkbox"/>	Air Conditioning	<input checked="" type="checkbox"/>	Traction Control	<input checked="" type="checkbox"/>	Clock
<input checked="" type="checkbox"/>	Tinted Glass	<input checked="" type="checkbox"/>	Tachometer	<input type="checkbox"/>	Roof Rack
<input checked="" type="checkbox"/>	Power Steering	<input checked="" type="checkbox"/>	Cruise Control	<input checked="" type="checkbox"/>	Console
<input type="checkbox"/>	Power Windows	<input type="checkbox"/>	Rear Window Defroster	<input checked="" type="checkbox"/>	Driver Air Bag
<input type="checkbox"/>	Power Door Locks	<input type="checkbox"/>	Sun Roof or T-Top	<input checked="" type="checkbox"/>	Passenger Air Bag
<input type="checkbox"/>	Power Seat(s)	<input checked="" type="checkbox"/>	Tilt Steering Wheel	<input type="checkbox"/>	Side Curtain Air Bag(s)
<input checked="" type="checkbox"/>	Power Brakes	<input checked="" type="checkbox"/>	Stereo	<input checked="" type="checkbox"/>	Front Disc Brakes
<input checked="" type="checkbox"/>	Antilock Brake System	<input type="checkbox"/>	Telephone	<input checked="" type="checkbox"/>	Rear Disc Brakes
<input type="checkbox"/>	Navigation System	<input checked="" type="checkbox"/>	Trailer Hitch	<input type="checkbox"/>	Other -

REMARKS: None

RECORDED BY: R.N. Gregg

DATE: January 5, 2007

APPROVED BY: Kenneth H. Yates

DATA SHEET 2 (1 of 2)
VEHICLE RIM IDENTIFICATION AND LOAD LIMITS

VEHICLE MAKE/MODEL/BODY STYLE: 2006 Nissan Titan XE 4X2 king cab truck

VEHICLE NHTSA NO. C65201 VIN: 1N6BA06A86N502625

LABORATORY: US DOT San Angelo Test Facility TEST DATE: January 5, 2007

All tires on the vehicle (excluding the spare) are the same size: (X) YES () NO

Spare tire is the same size as all other tires: (X) YES () NO

Tire Sidewall	Right Front	Left Rear (If different)	Spare Tire (If different)
Manufacturer and Model	<u>Bridgestone Dueler A/T</u>	<u></u>	<u></u>
Tire Size Designation	<u>P245/75R17</u>	<u></u>	<u></u>
Load Index/Speed Symbol	<u>110S</u>	<u></u>	<u></u>
Maximum Inflation Pressure	<u>300 kPa (44 psi)</u>	<u></u>	<u></u>
Maximum Load Rating	<u>1,060 kg (2,337 lbs)</u>	<u></u>	<u></u>
Tread/Traction/Temperature	<u>360/A/B</u>	<u></u>	<u></u>
Tires Have "DOT" Markings	<u>Yes</u>	<u></u>	<u></u>

Serial Number: Right Front 0BNUDA02905 Left Front 0BNUDA03005
Right Rear 0BNUDA02905 Left Rear 0BNUDA02905
Spare 0BNUDA02905

DATA SHEET 2 (2 of 2)
VEHICLE TIRE IDENTIFICATION AND LOAD LIMITS

MOUNTED TIRE VS. AXLE RATING COMPARISON (at sidewall maximum inflation pressure)				
	FRONT AXLE		REAR AXLE	
A. GAWR from certification label	1,532 kg	(3,377 lbs)	1,724 kg	(3,800 lbs)
B. Tire Maximum Load Rating from above	1,060 kg	(2,337 lbs)	1,060 kg	(2,337 lbs)
C. Reduced tire load rating if applicable*	964 kg	(2,125 lbs)	964 kg	(2,125 lbs)
D. (No. of tires) x (Tire load rating de-rated if appropriate)	1,928 kg	(4,250 lbs)	1,928 kg	(4,250 lbs)
Is "D" equal to or greater than "A"? (Yes/No)	Yes		Yes	

* If a passenger car tire is installed on a multipurpose passenger vehicle (MPV), truck or bus, the tire's load rating is reduced by dividing by 1.10.

DATA INDICATES COMPLIANCE:

PASS/FAIL: PASS

REMARKS: None

RECORDED BY: Jack R. Stewart, Jr.

DATE: January 5, 2007

APPROVED BY: Kenneth H. Yates

DATA SHEET 3
VEHICLE RIM IDENTIFICATION

VEHICLE MAKE/MODEL/BODY STYLE: 2006 Nissan Titan XE 4X2 king cab truck

VEHICLE NHTSA NO. C65201 VIN: 1N6BA06A86N502625

LABORATORY: US DOT San Angelo Test Facility TEST DATE: January 5, 2007

Rim Markings	RIGHT FRONT	LEFT REAR (if different)
A. Source of published dimensions (letter designation)	J	
B. Rim Size	17X7½JJ	
C. Does rim contain DOT symbol? (Yes/No)	Yes	
D. Manufacturer's name, symbol or trademark (copy format)	Nissan	
E. Date of manufacture or symbol (copy format)	7 27 05	
Do items A-C appear on weather side of rim (Yes/No)	Yes	
Letter height (not less than 3 mm)	5 mm	
Lettering (impressed or embossed)	Impressed	
Are all rim markings legible? (Yes/No)	Yes	
Do all markings comply with requirements (Yes/No)	Yes	

Rim Measurements	RIGHT FRONT	LEFT REAR (if different)
Rim width	7.5 in (19.1 cm)	
Rim diameter	17 in (43.2 cm)	
Rim measurements same as rim markings?	Yes	

Rims are suitable for tires on vehicle? (X)YES () NO

2006 Japan Automobile Tyre

Reference source used for tire/rim match verification: Manufacturers Association Yearbook

DATA INDICATES COMPLIANCE: PASS/FAIL: PASS

REMARKS: None

RECORDED BY: R.N. Gregg DATE: January 5, 2007

APPROVED BY: Kenneth H. Yates

DATA SHEET 4 (1 of 3)
VEHICLE PLACARD AND TIRE INFLATION PRESSURE LABEL

VEHICLE MAKE/MODEL/BODY STYLE: 2006 Nissan Titan XE 4X2 king cab truck

VEHICLE NHTSA NO. C65201

VIN: 1N6BA06A86N502625

LABORATORY: US DOT San Angelo Test Facility TEST DATE: January 11, 2006

Identification of Vehicle Labeling

	(Yes/No)	Location	PASS/FAIL
1. Certification Label	<u>Yes</u>	<u>Front edge, left rear door, driver's side</u>	<u>N/A</u>
2. Vehicle Placard*	<u>No</u>	<u></u>	<u>N/A</u>
3. Tire Inflation Pressure Label*	<u>No</u>	<u></u>	<u>N/A</u>

* Labels must be located as specified in section 12.4 of this test procedure.

Vehicle Placard

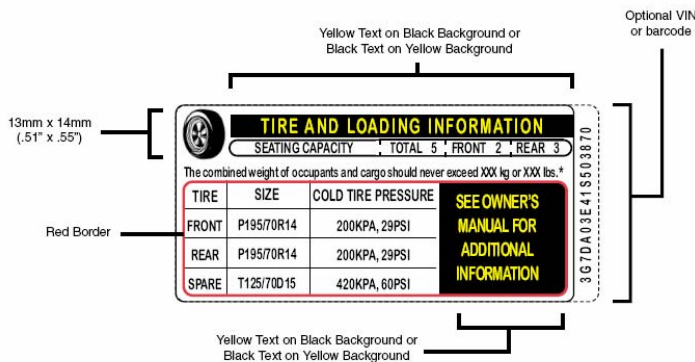


FIGURE 1B
(70 FR 14425)

Tire Inflation Pressure Label

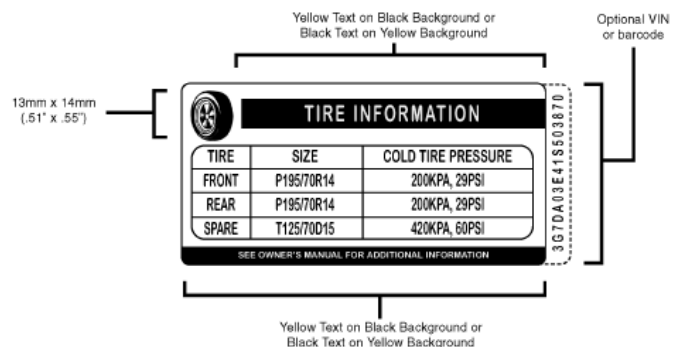


FIGURE 2B
(70 FR 14426)

Labeling Notes:

1. Tire size and pressure can be omitted from the Vehicle Placard if same data is displayed on a Tire Inflation Pressure Label.
2. The Alphanumeric Identifier or Barcode is optional. It can be located vertically, along the right edge or the left edge of the placard or the label, or horizontally, along the bottom edge of the placard or the label.
3. Tire size can include the tire load range identification symbol ("XL" or "reinforced", "B", "C", "D", "E", or "F"), the load index number, and the speed rating symbol, located immediately to the right of the tire size designation.
4. The tire "SIZE" heading can be replaced with "ORIGINAL TIRE SIZE" or "ORIGINAL SIZE."
5. The "SPARE" tire heading can be replaced with "SPARE TIRE."
6. For full size spare tires, the recommended cold tire inflation pressure can be replaced with "SEE ABOVE".
7. If no spare tire is provided, the word "NONE" is to replace the manufacturer's cold tire inflation pressure.

Vehicle Placard has the exact color and format as specified in the above Figure 1B and text is in English language. () YES (X) NO

If no, explain: See Remarks.

DATA SHEET 4 (2 of 3)
VEHICLE PLACARD AND TIRE INFLATION PRESSURE LABEL

Vehicle Placard and, if provided, **Tire Inflation Pressure Label** are permanently affixed.
 YES NO

Combined weight of occupants and cargo 679 kg (1,497 lbs)*

Seating Capacity: Total 6 ; Front 3 ; Rear 3
 Is the number of belted seating positions the same as the labeled seating capacity?
 YES NO

If no, explain: Occupancy was determined by the number of seat belts.
See Remarks.

Is the tire size and pressure provided? YES (on Certification Label) NO

Tire Information:
 (From Certification Label)

Tire Size: Front P245/75R17 ; Rear P245/75R17
 Tire Inflation Pressure: Front 240 kPa (35 psi) ; Rear 240 kPa (35 psi)

Are the sizes of the installed tires the same as the sizes of the labeled tires?
 YES NO

Is the labeled cold tire inflation pressure equal to or less than the sidewall labeled maximum cold tire inflation pressure?
 Front axle: YES NO Rear axle: YES NO

Vehicle Certification Label information:

	Tire Size	Rim Size	Rim Suitable for Tire?**
Front Axle	<u>P245/75R17</u>	<u>17x7.5</u>	<u>Yes</u>
Rear Axle	<u>P245/75R17</u>	<u>17x7.5</u>	<u>Yes</u>

*From placard affixed to similar vehicle built after September 1, 2005.

**Referenced source used for tire/rim match verification:
2006 Japan Automobile Tyre Manufacturers Association Yearbook

DATA SHEET 4 (3 of 3)
VEHICLE PLACARD AND TIRE INFLATION PRESSURE LABEL

Is (Are) tire size(s) listed on the vehicle placard and/or tire inflation pressure label also listed on the certification label with suitable rim size? () YES (X) NO

If no, explain: See Remarks.

LABELED TIRE CAPACITY AT SPECIFIED PRESSURE				
GVWR <u>2,913 kg (6,422 lbs)</u>	FRONT AXLE		REAR AXLE	
A. GAWR from certification label	1,532 kg	(3,377 lbs)	1,724 kg	(3,800 lbs)
B. Tire load rating of labeled tire size at labeled inflation pressure*	1,060 kg	(2,337 lbs)	1,060 kg	(2,337 lbs)
C. Reduced tire load rating if applicable**	964 kg	(2,125 lbs)	964 kg	(2,125 lbs)
D. (No. of tires) x (Tire load rating de-rated if appropriate)	1,928 kg	(4,250 lbs)	1,928 kg	(4,250 lbs)
Is "D" equal to or greater than "A"?	Yes		Yes	

*Reference source used for determining load rating: Vehicle certification label

** If a passenger car tire is installed on a multipurpose passenger vehicle (MPV), truck or bus, the tire's load rating is reduced by dividing by 1.10.

DATA INDICATES COMPLIANCE: PASS/FAIL: PASS

REMARKS: Truck build date is 08/2005. Vehicle placard was not required at that time.

RECORDED BY: R.N. Gregg

DATE: January 11, 2007

APPROVED BY: Kenneth H. Yates

DATA SHEET 5 (1 of 2)
CURB WEIGHT, NORMAL LOAD WEIGHT & MAXIMUM VEHICLE WEIGHT

VEHICLE MAKE/MODEL/BODY STYLE: 2006 Nissan Titan XE 4X2 king cab truck

VEHICLE NHTSA NO. C65201 VIN: 1N6BA06A86N502625

LABORATORY: US DOT San Angelo Test Facility TEST DATE: January 11, 2007

Full Fluid Levels: Fuel Full Coolant Full Other Fluids Full (transmission & windshield wiper)

Tire Pressures: LF 240.0 kPa (34.8 psi) LR 240.2 kPa (34.8 psi)

RF 240.0 kPa (34.8 psi) RR 240.0 kPa (34.8 psi)

Vehicle Occupant Load

Seating Capacity from Placard*:

Total 6 ; Front 3 ; Rear 3

Full Occupant Load 408 kg (899 lbs)

[# of occupants x 68 KG per adult occupant and 54 KG per student occupant]

Vehicle Luggage/Cargo Load

(1) Vehicle Capacity Weight (from placard*) 679 kg (1,497 lbs)

(2) Full Occupant Load (from above) 408 kg (899 lbs)

3) Luggage/Cargo Load (subtract (2) from (1)), 271 kg (598 lbs)

Less hitch weight of 26 kg 245 kg (540 lbs)

Describe placement of cargo: See Figure 5.13

*From placard affixed to similar vehicle built after September 1, 2005.

DATA SHEET 5 (2 of 2)
VEHICLE WEIGHT DISTRIBUTION

ITEM	Tire or Vehicle Rating*	Unloaded Vehicle Weight		Vehicle Weight with Full Occupant Load		Vehicle Maximum Weight with Occupants and Cargo	
		Measured	Over-load	Measured	Over-load	Measured	Over-load
Left Front Tire	964 kg (2,125 lbs)	619.5 kg (1,365.8 lbs)	no	726.0 kg (1,600.6 lbs)	no	730.5 kg (1,610.5 lbs)	no
Right Front Tire	964 kg (2,125 lbs)	617.0 kg (1,360.3 lbs)	no	713.0 kg (1,571.9 lbs)	no	716.0 kg (1,578.5 lbs)	no
Front Axle (GAWR)	1,532 kg (3,377 lbs)	1,236.5 kg (2,726.0 lbs)	no	1,439.0 kg (3,172.5 lbs)	no	1,446.5 kg (3,189.0 lbs)	no
Left Rear Tire	964 kg (2,125 lbs)	520.5 kg (1,147.5 lbs)	no	617.5 kg (1,361.4 lbs)	no	743.5 kg (1,639.1 lbs)	no
Right Rear Tire	964 kg (2,125 lbs)	496.0 kg (1,093.5 lbs)	no	592.0 kg (1,305.1 lbs)	no	717.0 kg (1,580.7 lbs)	no
Rear Axle (GAWR)	1,724 kg (3,800 lbs)	1,016.5 kg (2,241.0 lbs)	no	1,209.5 kg (2,666.5 lbs)	no	1,460.5 kg (3,219.9 lbs)	no
Total Vehicle (GVWR)	2,913 kg (6,422 lbs)	2,253.0 kg (4,967.0 lbs)	no	2,648.5 kg (5,838.9 lbs)	no	2,907.0 kg (6,408.8 lbs)	no

* Vehicle and axle weight ratings (GVWR & GAWR) are located on the vehicle certification label. Vehicle tire load ratings are based upon the inflation pressure specified on the Vehicle Placard or Tire Inflation Pressure Label for each respective axle, as determined from the appropriate Tire and Rim reference manual. If a passenger car tire is installed on a multipurpose passenger vehicle (MPV), truck or bus, the tire's load rating is reduced by dividing by 1.10.

DATA INDICATES COMPLIANCE:

PASS/FAIL: PASS

REMARKS: None

RECORDED BY: R.N. Gregg

DATE: January 11, 2007

APPROVED BY: Kenneth H. Yates

DATA SHEET 6 (1 of 2)
OWNER'S MANUAL REQUIREMENTS

VEHICLE MAKE/MODEL/BODY STYLE: 2006 Nissan Titan XE 4X2 king cab truck

VEHICLE NHTSA NO. C65201 VIN: 1N6BA06A86N502625

LABORATORY: US DOT San Angelo Test Facility TEST DATE: January 11, 2007

Owner's Manual Discusses:

Part 575.6(a) Paragraph	Required Discussion Topic	Discussed in Manual? (YES/NO)	Page Numbers
(4)(i)	Tire labeling, including a description and explanation of each marking on the tires provided with the vehicle, and information about the location of the Tire Identification Number (TIN).	YES	8: 35-37
(4)(ii)	(A) Description and explanation of recommended cold tire inflation pressure.	YES	8: 31,32
	(B) Description and explanation of FMVSS 110 Vehicle Placard and Tire Inflation Pressure Label and their location(s).	YES	8: 32,33
	(C) Description and explanation of adverse safety consequences of under-inflation including tire failure.	YES	8: 31
	(D) Description and explanation for measuring and adjusting air pressure to achieve proper inflation.	YES	8: 34
(4)(iii)	Glossary of tire terminology, including "cold tire pressure," maximum inflation pressure," and "recommended inflation pressure," and all non-technical terms defined in S3 of FMVSS 110 & 139.	YES	8: 32, 33, 36, 37
(4)(vi)	Tire care, including maintenance and safety practices.	YES	8: 31, 34, 35, 38-40
(4)(v)	(A) Description and explanation of locating and understanding load limit information, total load capacity, seating capacity, towing capacity, and cargo capacity.	YES	9: 14-17
	(B) Description and explanation for calculating total and cargo load capacities with varying seating configurations including quantitative examples showing/illustrating how the vehicle's cargo and luggage capacity decreases as the combined number and size of occupants increases.	YES	9: 15, 16
	(C) Description and explanation for determining compatibility of tire and vehicle load capabilities.	YES	8: 31
	(D) Description and explanation of adverse safety consequences of overloading on handling and stopping and on tires.	YES	8:31

DATA SHEET 6 (2 of 2)
OWNER'S MANUAL REQUIREMENTS

The following statement, in the English language, is provided verbatim in the Owner's Manual. Reference Part 575.6(a)(5) YES (X) NO ()

Steps for Determining Correct Load Limit

- (1) Locate the statement "The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs." on your vehicle's placard.
- (2) Determine the combined weight of the driver and passengers that will be riding in your vehicle.
- (3) Subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.
- (4) The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the "XXX" amount equals 1400lbs. and there will be five 150 lb passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. (1400-750 (5x150) = 650 lbs.)
- (5) Determine the combined weight of the luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.
- (6) If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle.

DATA INDICATES COMPLIANCE:

PASS/FAIL: PASS

REMARKS: None

RECORDED BY: R.N. Gregg

DATE: January 11, 2007

APPROVED BY: Kenneth H. Yates

SECTION 4

INSTRUMENTATION AND EQUIPMENT LIST

TABLE 1 - INSTRUMENTATION & EQUIPMENT LIST

EQUIPMENT	DESCRIPTION	MODEL/ SERIAL NO	CAL. DATE	NEXT CAL. DATE
PLATFORM SCALE (BALLAST)	HOWE RICHARDSON	MODEL #6401 SERIAL #0181- 5509-26	8/10/2006	8/10/2007
AIR PRESSURE GAUGE	ASHCROFT GENERAL PURPOSE DIGITAL GAUGE	MODEL #25C1005 PS02L100-B1 SERIAL #1003098	12/20/06	12/20/2007
FLOOR SCALES (VEHICLE)	INTERCOMP SW DELUXE SCALES	PART #100156 SERIAL #27032382	8/10/2006	8/10/2007

SECTION 5
PHOTOGRAPHS



2006 NISSAN TITAN XE KING CAB TRUCK
NHTSA NO. C65201
FMVSS NO. 110

FIGURE 5.1
¾ FRONTAL VIEW FROM LEFT SIDE OF VEHICLE



2006 NISSAN TITAN XE KING CAB TRUCK
NHTSA NO. C65201
FMVSS NO. 110

FIGURE 5.2
¾ REAR VIEW FROM RIGHT SIDE OF VEHICLE

MFD BY NISSAN MOTOR CO., LTD.

DATE 08/05
 GVWR 6422 LB
 GAWR FR. 3377 LB
 WITH P245/75R17 TIRES
 17X7.5 RIMS AT 35 PSI
 COLD SINGLE
 GAWR RR. 3800 LB
 WITH P245/75R17 TIRES
 17X7.5 RIMS AT 35 PSI
 COLD SINGLE

THIS VEHICLE CONFORMS TO
 ALL APPLICABLE FEDERAL
 MOTOR VEHICLE SAFETY
 STANDARDS IN EFFECT ON
 THE DATE OF MANUFACTURE
 SHOWN ABOVE.

SEE OWNERS MANUAL FOR
 ADDITIONAL INFORMATION.

1N6BA06A86N 502625
 TYPE: TRUCK 264
 MODEL: BPKELRK-MUN 0Z000
 COLOR TRIM TRANS
 A20 | W | RE5R05A
 AXLE ENGINE
 CC29 | VK56DE 5552CC



2006 NISSAN TITAN XE KING CAB TRUCK
 NHTSA NO. C65201
 FMVSS NO.110

FIGURE 5.3
 VEHICLE CERTIFICATION LABEL



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FIGURE 5.4
TIRE SHOWING BRAND



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FIGURE 5.5
TIRE SHOWING MODEL



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FIGURE 5.6
TIRE SHOWING SIZE, LOAD INDEX, AND SPEED SYMBOL



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FIGURE 5.7
TIRE SHOWING MAX LOAD RATING AND MAX INFLATION PRESSURE



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FIGURE 5.8
TIRE SHOWING CONSTRUCTION



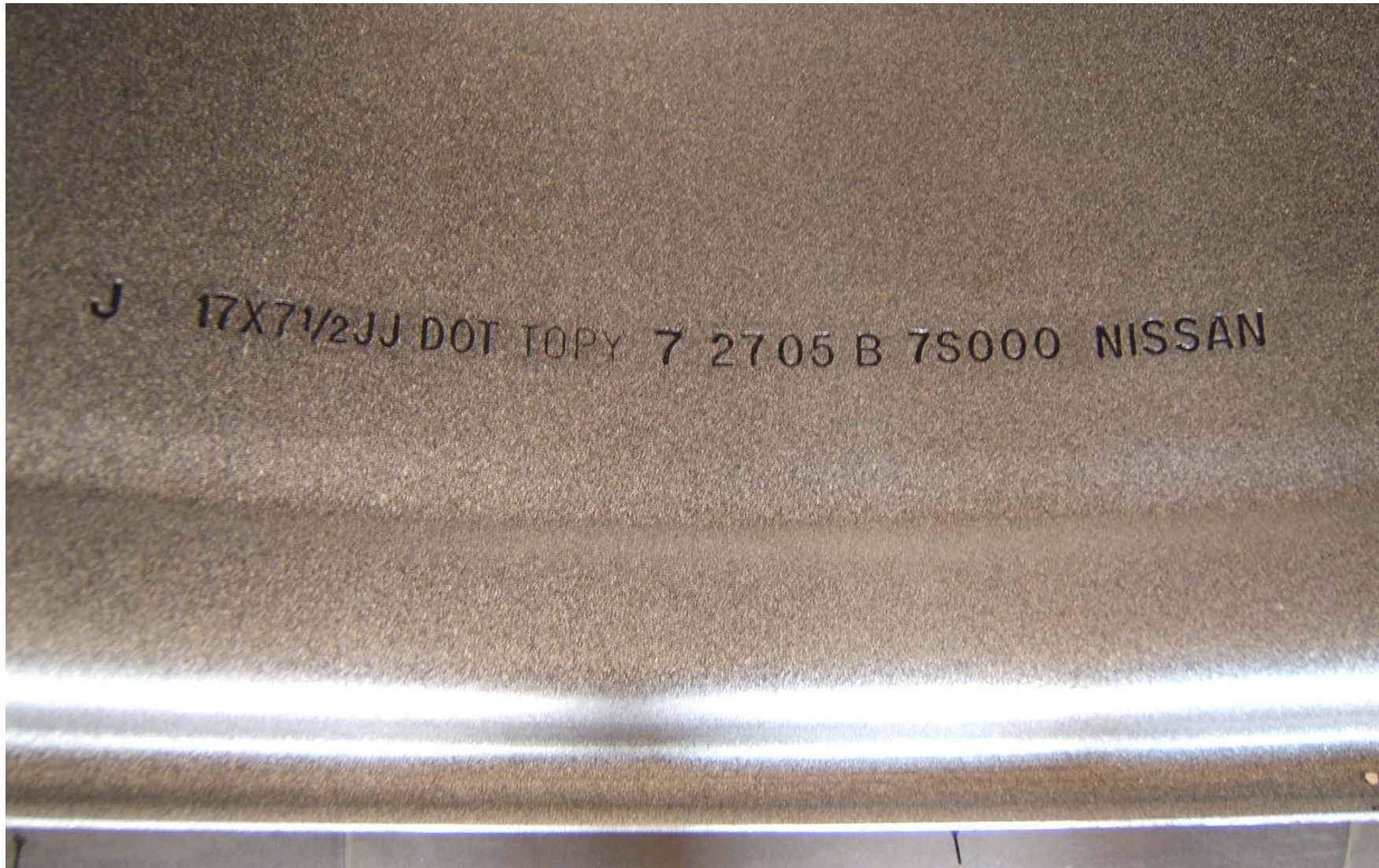
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FIGURE 5.9
TIRE SHOWING SERIAL NUMBER



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FIGURE 5.10
RIM CONTOUR FOR FULL WIDTH OF CROSS SECTION



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FIGURE 5.11
RIM MARKINGS



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FIGURE 5.12
VEHICLE CAB BALLASTED FOR MAXIMUM LOAD



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FIGURE 5.13
VEHICLE BED BALLASTED FOR CARGO



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FIGURE 5.14
VEHICLE ON WEIGHT SCALES