

REPORT NUMBER 110-STF-06-005

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

FORD MOTOR COMPANY
FORD EXPEDITION XLT
FOUR-DOOR 4X2 MPV
NHTSA NO. C60206

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



NOVEMBER 29, 2006

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 Ford Expedition XLT four-door 4x2 MPV 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 Ford Expedition XLT four-door 4x2 MPV 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 Ford Expedition XLT four-door 4x2 MPV. Nomenclatures applicable to the test vehicle are:

A. Vehicle Identification Number: 1FMFU15576LA76097

B. NHTSA No.: C60206

C. Manufacturer: Ford Motor Company

D. Manufacture Date: 03/2006

1.3 TEST DATE

The test vehicle was tested on September 15, 2006.

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 curb 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 tire placard was photographed and checked for compliance to location, format, and information requirements. 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 placard, tire loading, and on general tire and loading parameters.

2.2 SUMMARY OF RESULTS

The data indicate compliance of the multipurpose passenger vehicle with all requirements tested.

SECTION 3

TEST DATA

DATA SUMMARY SHEET (1 of 2)

VEHICLE MAKE/MODEL/BODY STYLE: 2006 Ford Expedition XLT four-door 4x2 MPV

VEHICLE NHTSA NO.: C60206 VIN: 1FMFU15576LA76097

VEHICLE TYPE: MPV DATE OF MANUFACTURE: 03/2006

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)

PASS

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)

PASS

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 Vehicle Placard, 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 Ford Expedition XLT four-door 4x2 MPV

VEHICLE NHTSA NUMBER: C60206 TEST DATE: September 15, 2006

VIN:: 1FMFU15576LA76097 MANUFACTURE DATE: 03/2006

GVWR: 3,221 kg (7,100 lbs) GAWR(front): 1,429 kg (3,150 lbs)

GAWR(rear): 1,872 kg (4,128lbs)

SEATING POSITIONS: FRONT 3 MID REAR 6

ODOMETER READING AT START OF TEST: 112 km (69.5 mi)

ENGINE DATA: 8 Cylinders 5.4 Liters 330 Cubic Inches

TRANSMISSION DATA: X Automatic Manual 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 type="checkbox"/>	Traction Control	<input checked="" type="checkbox"/>	Clock
<input checked="" type="checkbox"/>	Tinted Glass	<input checked="" type="checkbox"/>	Tachometer	<input checked="" type="checkbox"/>	Roof Rack
<input checked="" type="checkbox"/>	Power Steering	<input checked="" type="checkbox"/>	Cruise Control	<input type="checkbox"/>	Console
<input checked="" type="checkbox"/>	Power Windows	<input checked="" type="checkbox"/>	Rear Window Defroster	<input checked="" type="checkbox"/>	Driver Air Bag
<input checked="" type="checkbox"/>	Power Door Locks	<input type="checkbox"/>	Sun Roof or T-Top	<input checked="" type="checkbox"/>	Passenger Air Bag
<input checked="" type="checkbox"/>	Power Seat(s)	<input checked="" type="checkbox"/>	Tilt Steering Wheel	<input checked="" 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: _____

RECORDED BY: David K. Banks

DATE: September 15, 2006

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2006 Ford Expedition XLT four-door 4x2 MPV

VEHICLE NHTSA NO. C60206 VIN: 1FMFU15576LA76097

LABORATORY: US DOT San Angelo Test Facility TEST DATE: September 15, 2006

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>Continental Contitrac SUV</u>	_____	_____
Tire Size Designation	<u>P265/70R17</u>	_____	_____
Load Index/Speed Symbol	<u>113S</u>	_____	_____
Maximum Inflation Pressure	<u>300 kPa (44 psi)</u>	_____	_____
Maximum Load Rating	<u>1,150 kg (2,535 lbs)</u>	_____	_____
Tread/Traction/Temperature	<u>520/A/B</u>	_____	_____
Tires Have "DOT" Markings	<u>Yes</u>	_____	_____

Serial Number: Right Front A3T645PB0706 Left Front A3T645PB0706
Right Rear A3T645PB0706 Left Rear A3T645PB0706
Spare A3T645PB0806

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	1,429 kg	(3,150 lbs)	1,872 kg	(4,128 lbs)
B. Tire Maximum Load Rating from above	1,150 kg	(2,535 lbs)	1,150 kg	(2,535 lbs)
C. Reduced tire load rating if applicable*	1,046 kg	(2,305 lbs)	1,046 kg	(2,305 lbs)
D. (No. of tires) x (Tire load rating de-rated if appropriate)	2,092 kg	(4,610 lbs)	2,092 kg	(4,610 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: _____

RECORDED BY: R. N. Gregg

DATE: September 15, 2006

APPROVED BY: Kenneth H. Yates

**DATA SHEET 3
VEHICLE RIM IDENTIFICATION**

VEHICLE MAKE/MODEL/BODY STYLE: 2006 Ford Expedition XLT four-door 4x2 MPV

VEHICLE NHTSA NO. C60206

VIN: 1FMFU15576LA76097

LABORATORY: US DOT San Angelo Test Facility TEST DATE: September 15, 2006

Rim Markings	RIGHT FRONT	LEFT REAR (if different)
A. Source of published dimensions (letter designation)	T	
B. Rim Size	17X7.5J	
C. Does rim contain DOT symbol? (Yes/No)	Yes	
D. Manufacturer's name, symbol or trademark (copy format)	Ford	
E. Date of manufacture or symbol (copy format)	020806	
Do items A-C appear on weather side of rim (Yes/No)	Yes	
Letter height (not less than 3 mm)	5 mm (0.2 in)	
Lettering (impressed or embossed)	Both	
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

Reference source used for tire/rim match verification: 2006 Tire & Rim Association Yearbook

DATA INDICATES COMPLIANCE:

PASS/FAIL: PASS

REMARKS: See Photographs 5.16a and 5.16b for other rim markings.

RECORDED BY: R.N. Gregg

DATE: September 15, 2006

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2006 Ford Expedition XLT four-door 4x2 MPV

VEHICLE NHTSA NO. C60206

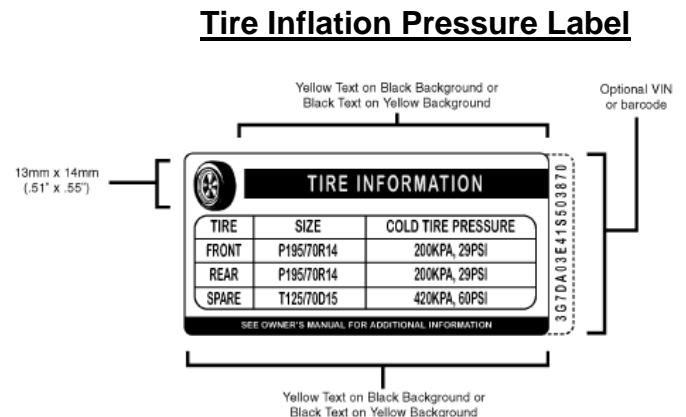
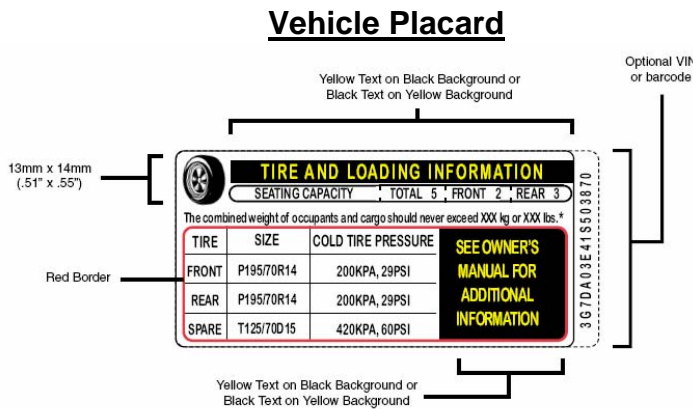
VIN: 1FMFU15576LA76097

LABORATORY: US DOT San Angelo Test Facility TEST DATE: September 15, 2006

Identification of Vehicle Labeling

	(Yes/No)	Location	PASS/FAIL
1. Certification Label	<u>Yes</u>	<u>Driver's side B pillar</u>	<u>N/A</u>
2. Vehicle Placard*	<u>Yes</u>	<u>Driver's side B pillar</u>	<u>PASS</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.



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. (X) YES () NO

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.
(X) YES () NO

Vehicle Placard information:

Combined weight of occupants and cargo 743 kg (1,639 lbs)

Seating Capacity: Total 9 ; Front 3 ; Rear 6

Is the number of belted seating positions the same as the labeled seating capacity?
(X) YES () NO

Is the tire size and pressure provided? (X) YES () NO

Vehicle Placard or Tire Inflation Pressure Label tire information:

Tire Size: Front P265/70R17 ; Rear P265/70R17

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?
(X) YES () NO

Is the labeled cold tire inflation pressure equal to or less than the sidewall labeled maximum cold tire inflation pressure?

Front axle: (X) YES () NO Rear axle: (X) YES () NO

Vehicle Certification Label information:

	Tire Size	Rim Size	Rim Suitable for Tire?*
Front Axle	<u>P265/70R17</u>	<u>17x7.5J</u>	<u>Yes</u>
Rear Axle	<u>P265/70R17</u>	<u>17x7.5J</u>	<u>Yes</u>

*Referenced source used for tire/rim match verification: 2006 TRA 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? (X) YES () NO

LABELED TIRE CAPACITY AT SPECIFIED PRESSURE				
GVWR <u>3,221 kg (7,100 lbs)</u>	FRONT AXLE		REAR AXLE	
A. GAWR from certification label	1,429 kg	(3,150 lbs)	1,872 kg	(4,128 lbs)
B. Tire load rating of labeled tire size at labeled inflation pressure*	1,150 kg	(2,535 lbs)	1,150 kg	(2,535 lbs)
C. Reduced tire load rating if applicable**	1,046 kg	(2,305 lbs)	1,046 kg	(2,305 lbs)
D. (No. of tires) x (Tire load rating de-rated if appropriate)	2,092 kg	(4,610 lbs)	2,092 kg	(4,610 lbs)
Is "D" equal to or greater than "A"?	Yes		Yes	

*Reference source used for determining load rating: 2006 TRA Yearbook

** 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: _____

RECORDED BY: David K. Banks

DATE: September 15, 2006

APPROVED BY: Kenneth H. Yates

DATA SHEET 5 (1 of 4)
CURB WEIGHT, NORMAL LOAD WEIGHT & MAXIMUM VEHICLE WEIGHT

VEHICLE MAKE/MODEL/BODY STYLE: 2006 Ford Expedition XLT four-door 4x2 MPV

VEHICLE NHTSA NO. C60206 VIN: 1FMFU15576LA76097

LABORATORY: US DOT San Angelo Test Facility TEST DATE: September 15, 2006

Full Fluid Levels: Fuel Full Coolant Full Other Fluids Full

Tire Pressures: LF 240.0 kPa (34.8 psi) LR 240.2 kPa (34.8 psi)
RF 240.1 kPa (34.8 psi) RR 240.0 kPa (34.8 psi)

Vehicle Occupant Load

Seating Capacity from Placard:

Total 9 ; Front 3 ; Rear 6

Full Occupant Load 612 kg (1,350 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) 743 kg (1,639 lbs)

(2) Full Occupant Load (from above) 612 kg (1,350 lbs)

(3) Luggage/Cargo Load (subtract (2) from (1)) 131 kg (289 lbs)

Describe placement of cargo: Rear of vehicle, behind rear seat

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	1,046 kg (2,306 lbs)	595.0 kg (1,311.8 lbs)	no	658.0 kg (1,450.6 lbs)	no	638.0 kg (1,406.5 lbs)	no
Right Front Tire	1046 kg (2,306 lbs)	601.5 kg (1,326.1 lbs)	no	683.5 kg (1,506.9 lbs)	no	671.0 kg (1,479.3 lbs)	no
Front Axle (GAWR)	1,429 kg (3,150 lbs)	1,196.5 kg (2,637.8 lbs)	no	1,341.5 kg (2,957.5 lbs)	no	1,309.0 kg (2,885.9 lbs)	no
Left Rear Tire	1,046 kg (2,306 lbs)	623.0 kg (1,373.5 lbs)	no	855.5 kg (1,886.1 lbs)	no	934.5 kg (2,060.2 lbs)	no
Right Rear Tire	1,046 kg (2,306 lbs)	619.0 kg (1,364.7 lbs)	no	850.0 kg (1,873.9 lbs)	no	933.5 kg (2,058.0 lbs)	no
Rear Axle (GAWR)	1,872 kg (4,128 lbs)	1,242.0 kg (2,738.1 lbs)	no	1,705.5 kg (3,760.0 lbs)	no	1,868.0 kg (4,118.2 lbs)	no
Total Vehicle (GVWR)	3,221 kg (7,100 lbs)	2,438.5 kg (5,376.0 lbs)	no	3,047.0 kg (6,717.5 lbs)	no	3,177.0 kg (7,004.1 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: _____

RECORDED BY: David K. Banks

DATE: September 15, 2006

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2006 Ford Expedition XLT four-door 4x2 MPV

VEHICLE NHTSA NO. C60206 VIN: 1FMFU15576LA76097

LABORATORY: US DOT San Angelo Test Facility TEST DATE: September 15, 2006

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	206, 207 - 210, 215-220
(4)(ii)	(A) Description and explanation of recommended cold tire inflation pressure.	YES	208
	(B) Description and explanation of FMVSS 110 Vehicle Placard and Tire Inflation Pressure Label and their location(s).	YES	228, 229
	(C) Description and explanation of adverse safety consequences of under-inflation including tire failure.	YES	207, 209, 221, 226
	(D) Description and explanation for measuring and adjusting air pressure to achieve proper inflation.	YES	209, 210, 220, 224
(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	206 - 208
(4)(vi)	Tire care, including maintenance and safety practices.	YES	209 - 215, 226
(4)(v)	(A) Description and explanation of locating and understanding load limit information, total load capacity, seating capacity, towing capacity, and cargo capacity.	YES	227 - 238
	(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	232 - 234
	(C) Description and explanation for determining compatibility of tire and vehicle load capabilities.	YES	232
	(D) Description and explanation of adverse safety consequences of overloading on handling and stopping and on tires.	YES	228, 230 - 232, 236, 237

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: _____

RECORDED BY: David K. Banks

DATE: September 15, 2006

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 0181-5509-26	8/10/2006	8/10/2007
AIR PRESSURE GAUGE	ASHCROFT GENERAL PURPOSE DIGITAL GAUGE	25C1005 PS02L100-B1 SERIAL #1003098	12/15/2005	12/15/2006
FLOOR SCALES (VEHICLE)	INTERCOMP SW DELUXE SCALES	SERIAL: #27032382 PART #100156	8/10/2006	8/10/2007

SECTION 4
PHOTOGRAPHS



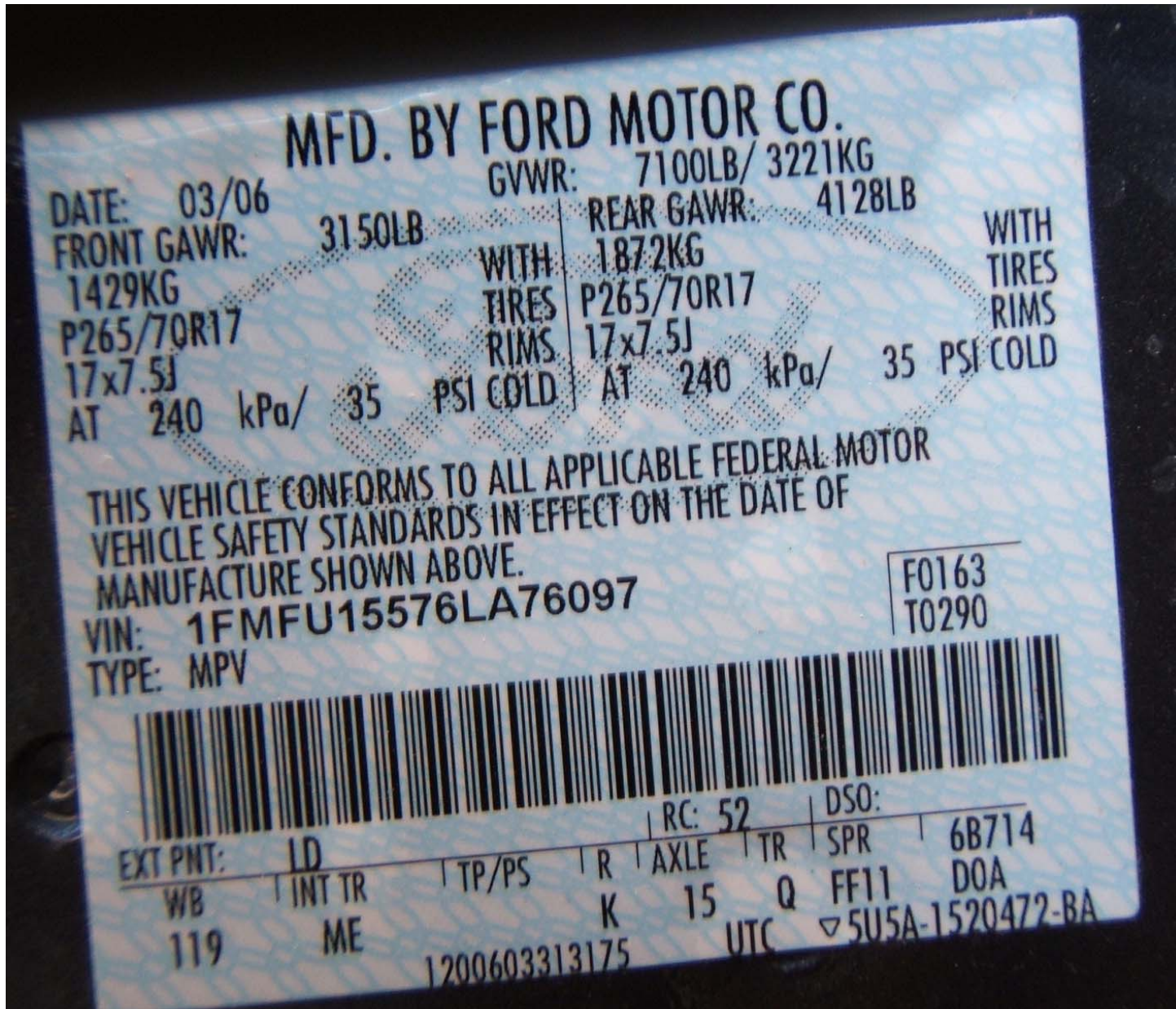
2006 FORD EXPEDITION XLT MPV
NHTSA NO. C60206
FMVSS NO. 110

FIGURE 5.1
¾ FRONTAL VIEW FROM LEFT SIDE OF VEHICLE



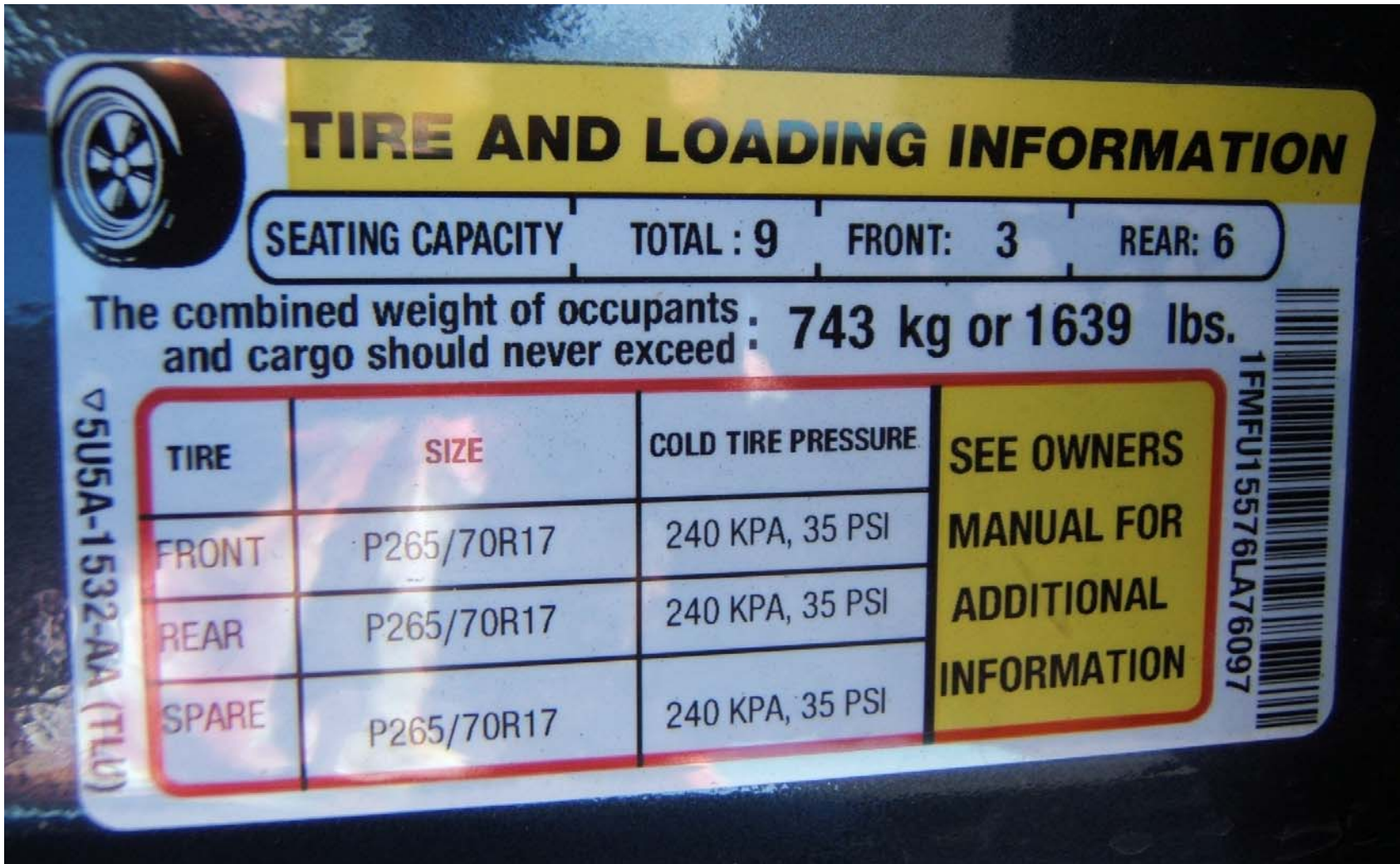
2006 FORD EXPEDITION XLT MPV
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FMVSS NO. 110

FIGURE 5.2
¾ REAR VIEW FROM RIGHT SIDE OF VEHICLE



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FIGURE 5.3
 VEHICLE CERTIFICATION LABEL



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FIGURE 5.4
 VEHICLE PLACARD



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FIGURE 5.5
TIRE SHOWING BRAND



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FIGURE 5.6
TIRE SHOWING MODEL



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FIGURE 5.7
TIRE SHOWING SIZE, LOAD INDEX, AND SPEED SYMBOL



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FIGURE 5.8
TIRE SHOWING MAX LOAD RATING AND MAX INFLATION PRESSURE



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FIGURE 5.9
TIRE SHOWING CONSTRUCTION



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FIGURE 5.10
TIRE SHOWING SERIAL NUMBER



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FIGURE 5.11
RIM CONTOUR FOR FULL WIDTH OF CROSS SECTION



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FIGURE 5.12
RIM SHOWING MANUFACTURER



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FIGURE 5.13
RIM SHOWING SIZE



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FIGURE 5.14
RIM SHOWING MANUFACTURE DATE



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FIGURE 5.15
RIM SHOWING DOT SYMBOL



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FIGURE 5.16a
RIM MARKINGS



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FIGURE 5.16b
RIM MARKINGS



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FIGURE 5.17
VEHICLE FRONT SEAT BALLASTED FOR MAXIMUM LOAD



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FIGURE 5.18
VEHICLE REAR SEAT BALLASTED FOR MAXIMUM LOAD



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FIGURE 5.19
REAR OF VEHICLE SHOWN BALLASTED FOR CARGO



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FIGURE 5.20
VEHICLE ON WEIGHT SCALES