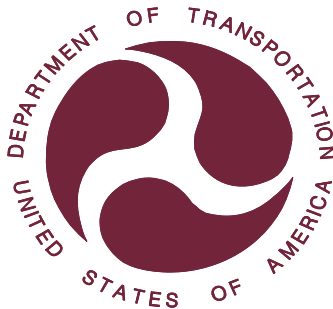


REPORT NUMBER 110-STF-09-006

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

CHRYSLER, LLC
2009 DODGE JOURNEY
FOUR-DOOR MPV
NHTSA NO.C90302

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



January 12, 2010

FINAL REPORT

PREPARED FOR

U. S. DEPARTMENT OF TRANSPORTATION
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
ENFORCEMENT
NVS-220
OFFICE OF VEHICLE SAFETY COMPLIANCE
1200 NEW JERSEY AVENUE, SE
WASHINGTON, D.C. 20590

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15. Supplementary Notes			
16. Abstract Compliance tests were conducted on the subject 2009 Dodge Journey four-door MPV in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No.TP-110T-02 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 2009 Dodge Journey four-door MPV was tested to determine if the vehicle was in compliance with the requirements of FMVSS 110. All tests were conducted in accordance with NHTSA, Office of Vehicle Safety Compliance (OVSC) Laboratory Test Procedure, TP-110T-02, dated August 31, 2007.

This standard establishes requirements to ensure that applicable vehicles are equipped with tires of adequate size and load rating and rims of appropriate size and type designation. This standard also establishes location, content, and format requirements for the Vehicle Placard and optional Tire Inflation Pressure Label.

1.2 TEST VEHICLE

The test vehicle was a 2009 Dodge Journey four-door MPV. Nomenclatures applicable to the test vehicle are:

- A. Vehicle Identification Number: 3D4GG47B19T223594
- B. NHTSA Number: C90302
- C. Manufacturer: Chrysler LLC
- D. Manufacture Date: 06/2008

1.3 TEST DATE

The test vehicle was tested March 16 through March 23, 2009.

SECTION 2

TEST PROCEDURE AND SUMMARY OF RESULTS

2.1 TEST PROCEDURE

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 as required by the NHTSA/OVSC Test Procedure. Tire sidewall information was recorded. The owner's manual was reviewed. 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. The vehicle was ballasted to its Normal Load, Full Occupant Load, and Maximum Vehicle Load weight. At each step of the ballasting procedure, data was recorded. Ballast was photographically documented for Normal and Maximum Vehicle Load weight. The vehicle maximum load on each wheel was measured. Data from each tire furnished with the vehicle were recorded. Tire size information was taken from vehicle certification label and vehicle placard. 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 Dodge Journey test vehicle appears to be in compliance with all FMVSS 110 requirements.

The owner's manual did not include a glossary of tire terminology as required by 49 CFR Part 575.6, Consumer Information (575.6(a)(4)(iii)). The manufacturer has been notified.

SECTION 3

TEST DATA

DATA SUMMARY SHEET (1 of 2)

VEHICLE MAKE/MODEL/BODY STYLE: 2009 Dodge Journey four-door MPV

VEHICLE NHTSA NUMBER: C90302 VIN: 3D4GG47B19T223594

VEHICLE TYPE: MPV DATE OF MANUFACTURE: 06/2008

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 S139. (S110, S4.1)

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. When passenger car tires are installed, each tire's load rating is reduced by dividing it by 1.10 before determining the sum of the maximum load ratings of the tires fitted to an axle. (S110, S4.2.2.1, S4.2.2.2)

PASS

When passenger car tires are installed, the vehicle normal load on the tire is not greater than the value of 94 percent of the de-rated load rating at the vehicle manufacturer's recommended cold inflation pressure for that tire. When LT tires are installed, the vehicle normal load on the tire is not greater than the value of 94 percent of the load rating at the vehicle manufacturer's recommended cold inflation pressure for that tire. (S110, S4.2.2.3(a), (b))

PASS

Rim (Data Sheet 3)

Each rim is constructed to the dimensions of a rim referred to in FMVSS 139 that is listed by the manufacturer of the tires as suitable for use with those tires. (S110, S4.4.1(a))

PASS

Vehicle rims retain deflated tires during a controlled brake application. (S110, S4.4.1(b))

**See
Remark 1**

Each rim is properly marked. (S110, S4.4.2)

PASS

DATA SUMMARY SHEET (2 of 2)

Certification, Placard, and Tire Inflation Pressure Labels (Data Sheet 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 and rims appropriate for the vehicle including the tire size(s) listed on the vehicle placard and, if provided, tire inflation pressure label. (S110, S4.3.3)

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

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))

See
Remark 2

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

PASS

REMARKS: (1) The rim retention test required by FMVSS No.110, paragraph S4.4.1(b) was not executed on the subject Dodge Journey. (2) The owner's manual did not include a glossary of tire terminology as required by 49 CFR Part 575.6, Consumer Information (575.6(a)(4)(iii)). The manufacturer has been notified.

RECORDED BY: Todd P. Groghan

DATE: March 16, 2009

APPROVED BY: Kenneth H. Yates

**DATA SHEET 1
TEST VEHICLE INFORMATION / RECEIVING INSPECTION**

VEHICLE MAKE/MODEL/BODY STYLE: 2009 Dodge Journey four-door MPV

VEHICLE NHTSA NUMBER: C90302 TEST DATE: March 16, 2009

VIN: 3D4GG47B19T223594 MANUFACTURE DATE: 06/2008

GVWR: 2,271 kg (5,005 lbs) GAWR (front): 1,248 kg (2,750 lbs)

GAWR (rear): 1,316 kg (2,900 lbs)

SEATING POSITIONS: FRONT 2 MID N/A REAR 3

ODOMETER READING AT START OF TEST: 68 km (42 mi)

ENGINE DATA: 4 Cylinders 2.4 Liters Cubic Inches

TRANSMISSION DATA: X Automatic Manual 4 No. of Speeds

FINAL DRIVE DATA: Rear Drive X 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 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 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 type="checkbox"/>	Trailer Hitch	<input type="checkbox"/>	Other -

REMARKS: None

RECORDED BY: Todd P. Groghan DATE: March 16, 2009

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2009 Dodge Journey four-door MPV

VEHICLE NHTSA NUMBER: C90302 VIN: 3D4GG47B19T223594

LABORATORY: US DOT San Angelo Test Facility TEST DATE: March 18, 2009

All tires on the vehicle (excluding the spare) are the same make and model: (X) YES () NO

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: () YES (X) NO

Tire Sidewall	Right Front	Left Rear (If different)	Spare Tire (If different)
Manufacturer and Model	<u>Hankook DynaPro HP</u>	<u></u>	<u>Kumho</u>
Tire Size Designation	<u>P225/70R16</u>	<u></u>	<u>T145/80R16</u>
Load Index/Speed Symbol	<u>101T</u>	<u></u>	<u>105M</u>
Maximum Inflation Pressure	<u>300 kPa (44 psi)</u>	<u></u>	<u>420 kPa (60 psi)</u>
Maximum Load Rating	<u>825 kg (1,819 lbs)</u>	<u></u>	<u>925 kg (2,039 lbs)</u>
Tread/Traction/Temperature	<u>500/A/A</u>	<u></u>	<u>N/A</u>
Tires Have "DOT" Markings	<u>Yes</u>	<u></u>	<u>Yes</u>

Serial Number: Right Front 1G9DNBH5007 Left Front 1G9DNBH5007

Right Rear 1G9DNBH5007 Left Rear 1G9DNBH5007

Spare H2BGYA1F1508

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	1,248 kg (2,750 lbs)	1,316 kg (2,900 lbs)
B. Tire Maximum Load Rating from above	825 kg (1,819 lbs)	825 kg (1,819 lbs)
C. Reduced tire load rating if applicable*	750 kg (1,654 lbs)	750 kg (1,654 lbs)
D. (No. of tires) x (Tire load rating de-rated if appropriate)	1,500 kg (3,308 lbs)	1,500 kg (3,308 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: Todd P. Groghan

DATE: March 18, 2009

APPROVED BY: Kenneth H. Yates

**DATA SHEET 3
VEHICLE RIM IDENTIFICATION**

VEHICLE MAKE/MODEL/BODY STYLE: 2009 Dodge Journey four-door MPV

VEHICLE NHTSA NUMBER: C90302 VIN: 3D4GG47B19T223594

LABORATORY: US DOT San Angelo Test Facility TEST DATE: March 18, 2009

Rim Markings	RIGHT FRONT	LEFT REAR (if different)
A. Source of published dimensions (letter designation)	T	
B. Rim Size Designation	16X6½ J	
C. Does rim contain DOT symbol? (Yes/No)	Yes	
D. Manufacturer's name, symbol or trademark (copy format)	Fumagalli	
E. Date of manufacture or symbol (copy format)	06 06 08	
F. Letter height (not less than 3 mm)	Yes	
G. Lettering (impressed or embossed)	Impressed	
H. Are all rim markings legible? (Yes/No)	Yes	
Do items A-C appear on weather side of rim (Yes/No)	Yes	
Do all markings comply with requirements (Yes/No)	Yes	

Rim Measurements	RIGHT FRONT	LEFT REAR (If different)
Rim width	16.5 cm (6.5 in)	
Rim diameter	40.6 cm (16.0 in)	
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:

2008 Tire and Rim Association Yearbook

DATA INDICATES COMPLIANCE:

PASS/FAIL: PASS

REMARKS: None

RECORDED BY: Todd P. Groghan

DATE: March 18, 2009

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2009 Dodge Journey four-door MPV

VEHICLE NHTSA NUMBER: C90302 VIN: 3D4GG47B19T223594

LABORATORY: US DOT San Angelo Test Facility TEST DATE: March 19, 2009

Identification of Vehicle Labeling

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

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

Vehicle Placard

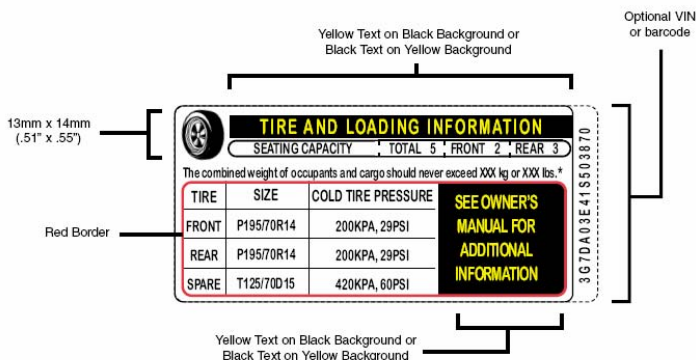


FIGURE 1
(70 FR 14425)

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

If no, explain “See Owner’s Manual for Additional Information” is located along bottom of placard rather than in the lower right hand corner. The TIRE/SIZE/COLD TIRE PRESSURE information is listed across rather than down the placard.

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

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

Vehicle Placard Information:

Combined weight of occupants and cargo 408 kg (900 lbs)

Seating Capacity: Total 5 ; Front 2 ; Rear 3

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

Tire Information:

Tire Size: Front P225/70R16 Rear P225/70R16

Tire Inflation Pressure: Front 220 kPa (32 psi) Rear 220 kPa (32 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>P225/70R16</u>	<u>16x6½</u>	<u>Yes</u>
Rear Axle	<u>P225/70R16</u>	<u>16x6½</u>	<u>Yes</u>

*Referenced source used for tire/rim match verification:

2008 Tire and Rim 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? (X) YES () NO

LABELED TIRE CAPACITY AT SPECIFIED PRESSURE		
GVWR <u>2,271 kg (5,005 lbs)</u>	FRONT AXLE	REAR AXLE
A. GAWR from certification label	1,248 kg (2,750 lbs)	1,316 kg (2,900 lbs)
B. Tire load rating of labeled tire size at labeled inflation pressure*	795 kg (1,753 lbs)	795 kg (1,753 lbs)
C. Reduced tire load rating if applicable**	723 kg (1,594 lbs)	723 kg (1,594 lbs)
D. (No. of tires) x (Tire load rating de-rated if appropriate)	1,446 kg (3,188 lbs)	1,446 kg (3,188 lbs)
Is "D" equal to or greater than "A"?	Yes	Yes

*Reference source used for determining load rating:

2008 Tire and Rim Association 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: On vehicle placard: "See owner's manual..." is located on bottom from side-to-side, rather than in the lower right hand corner. The TIRE/SIZE/COLD TIRE PRESSURE information is listed across rather than down the placard.

RECORDED BY: Todd P. Groghan

DATE: March 19, 2009

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2009 Dodge Journey four-door MPV

VEHICLE NHTSA NUMBER: C90302 VIN: 3D4GG47B19T223594

LABORATORY: US DOT San Angelo Test Facility TEST DATE: February 19, 2009

Full Fluid Levels: Fuel Full Coolant Full Other Fluids* Full

* Transmission, windshield washer, brake fluid, power steering, etc.

Tire Pressures: LF 220 kPa (32 psi) LR 220 kPa (32 psi)
(cold, prior to loading vehicle) RF 220 kPa (32 psi) RR 220 kPa (32 psi)

A. MEASURED CURB WEIGHT WITH INSTALLED OPTIONS AND ACCESSORIES

Measured Unloaded Vehicle Weight

LF 507 kg (1,118 lb) LR 376 kg (830 lb)
RF 468 kg (1,031 lb) RR 379 kg (835 lb)
Front Axle 975 kg (2,149 lb) Rear Axle 755 kg (1,665 lb)
Total Vehicle Weight 1,730 kg (3,814 lb)

B. MEASURED VEHICLE NORMAL LOAD WEIGHT

(1) Seating Capacity from Vehicle Placard = 5

(2) Normal Load Number of Occupants 3

Occupant Distribution: Front Seat 2 Second Seat 1

(3) Total Normal Occupant Load 204 kg (450 lb)
[# of occupants x 68 KG per occupant]

(4) Measured Normal Load on Axles

LF 555 kg (1,224 lb) LR 431 kg (950 lb)
RF 511 kg (1,126 lb) RR 437 kg (964 lb)
Front Axle 1,066 kg (2,350 lb) Rear Axle 868 kg (1,914 lb)
Total Vehicle Weight 1,934 kg (4,264 lb)

DATA SHEET 5 (2 of 4)
CURB WEIGHT, NORMAL LOAD WEIGHT & MAXIMUM VEHICLE WEIGHT

(5) Calculated Vehicle Normal Load on the Tire

Front Tires [measured front axle normal load/2] = 533 kg (1,175 lbs)

Rear Tires [measured rear axle normal load/2] = 434 kg (957 lbs)

(6) Measured Normal Load on Tire vs. Value of 94% of Load Rating for that Tire at Specified Pressure

MEASURED NORMAL LOAD ON TIRE VS. VALUE OF 94% OF LOAD RATING FOR THAT TIRE AT SPECIFIED PRESSURE		
	FRONT AXLE	REAR AXLE
A. Calculated Vehicle Normal Load on the Tire from (5)	533 kg (1,175 lbs)	434 kg (957 lbs)
B. Tire load rating of installed tire size at recommended inflation pressure*	795 kg (1,753 lbs)	795 kg (1,753 lbs)
C. Reduced tire load rating if applicable**	723 kg (1,594 lbs)	723 kg (1,594 lbs)
D. 94% of tire load rating, de-rated if appropriate)	680 kg (1,498 lbs)	680 kg (1,498 lbs)
Is "D" equal to or greater than "A"?	Yes	Yes

*Reference source used for tire/rim match verification:

2008 Tire and Rim Association 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.

Vehicle Normal Load on the tire is not greater than 94% of the Recommended Cold Inflation Load Rating.

PASS/FAIL

Front Tires

PASS

Rear Tires

PASS

DATA SHEET 5 (3 of 4)
CURB WEIGHT, NORMAL LOAD WEIGHT & MAXIMUM VEHICLE WEIGHT

C. MEASURED VEHICLE WEIGHT WITH FULL OCCUPANT LOAD

Seating Capacity: Total 5 Front 2 Rear 3

Full Occupant Load 340 kg (750 lbs)

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

LF	<u>567 kg (1,250 lb)</u>	LR	<u>486 kg (1,072 lb)</u>
RF	<u>530 kg (1,168 lb)</u>	RR	<u>487 kg (1,074 lb)</u>
Front Axle	<u>1,097 kg (2,418 lb)</u>	Rear Axle	<u>973 kg (2,146 lb)</u>
Total Vehicle Weight		<u>2,070 kg (4,564 lb)</u>	

D. MEASURED MAXIMUM VEHICLE LOAD WEIGHT

(1) Vehicle Capacity Weight (from placard) 408 kg (900 lbs)

(2) Full Occupant Load (from above) 340 kg (750 lbs)

(3) Luggage/Cargo Load (subtract (2) from (1)) 68 kg (150 lbs)

(4) Measured Vehicle Maximum Load on Axles

LF	<u>566 kg (1,247 lb)</u>	LR	<u>523 kg (1,152 lb)</u>
RF	<u>526 kg (1,159 lb)</u>	RR	<u>524 kg (1,156 lb)</u>
Front Axle	<u>1,092 kg (2,406 lb)</u>	Rear Axle	<u>1,047 kg (2,308 lb)</u>
Total Vehicle Weight		<u>2,139 kg (4,714 lb)</u>	

DATA SHEET 5 (4 of 4)
VEHICLE WEIGHT DISTRIBUTION

ITEM	Tire or Vehicle Rating*	Unloaded Vehicle Weight		Vehicle Weight with Normal Occupant Load		Vehicle Weight with Full Occupant Load		Vehicle Maximum Weight with Occupants and Cargo	
		Measured	Over-load	Measured	Over-load	Measured	Over-load	Measured	Over-load
Left Front Tire	723 kg (1,594 lbs)	507 kg (1,118 lbs)	no	555 kg (1,224 lbs)	no	567 kg (1,250 lbs)	no	566 kg (1,247 lbs)	no
Right Front Tire	723 kg (1,594 lbs)	468 kg (1,031 lbs)	no	511 kg (1,126 lbs)	no	530 kg (1,168 lbs)	no	526 kg (1,159 lbs)	no
Front Axle (GAWR)	1,248 kg (2,750 lbs)	975 kg (2,149 lbs)	no	1,066 kg (2,350 lbs)	no	1,097 kg (2,418 lbs)	no	1,092 kg (2,406 lbs)	no
Left Rear Tire	723 kg (1,594 lbs)	376 kg (830 lbs)	no	431 kg (950 lbs)	no	486 kg (1,072 lbs)	no	523 kg (1,152 lbs)	no
Right Rear Tire	723 kg (1,594 lbs)	379 kg (835 lbs)	no	437 kg (964 lbs)	no	487 kg (1,074 lbs)	no	524 kg (1,156 lbs)	no
Rear Axle (GAWR)	1,316 kg (2,900 lbs)	755 kg (1,665 lbs)	no	868 kg (1,914 lbs)	no	973 kg (2,146 lbs)	no	1,047 kg (2,308 lbs)	no
Total Vehicle (GVWR)	2,271 kg (5,005 lbs)	1,730 kg (3,814 lbs)	no	1,934 kg (4,264 lbs)	no	2,070 kg (4,564 lbs)	no	2,139 kg (4,714 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: Todd P. Groghan

DATE: March 19, 2009

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2009 Dodge Journey four-door MPV

VEHICLE NHTSA NO. C90302 VIN: 3D4GG47B19T223594

LABORATORY: US DOT San Angelo Test Facility TEST DATE: March 23, 2009

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	337 - 340
(4)(ii)	(A) Description and explanation of recommended cold tire inflation pressure.	YES	346 - 348
	(B) Description and explanation of FMVSS 110 Vehicle Placard and Tire Inflation Pressure Label and their location(s).	YES	341, 342
	(C) Description and explanation of adverse safety consequences of under-inflation including tire failure.	YES	357
	(D) Description and explanation for measuring and adjusting air pressure to achieve proper inflation.	YES	346 - 348
(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	See Remarks
(4)(iv)	Tire care, including maintenance and safety practices.	YES	352
(4)(v)	(A) Description and explanation of locating and understanding load limit information, total load capacity, seating capacity, towing capacity, and cargo capacity.	YES	341 - 344
	(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	342 - 344
	(C) Description and explanation for determining compatibility of tire and vehicle load capabilities.	YES	342, 343
	(D) Description and explanation of adverse safety consequences of overloading on handling and stopping and on tires.	YES	345

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 1400 lbs. 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: The owner's manual did not include a glossary of tire terminology as required by 49

 CFR Part 575.6, Consumer Information (575.6(a)(4)(iii)). The manufacturer has been notified.

RECORDED BY: Todd P. Groghan

DATE: March 23, 2009

APPROVED BY: Kenneth H. Yates

SECTION 4

TEST EQUIPMENT LIST AND CALIBRATION INFORMATION

EQUIPMENT	DESCRIPTION	MODEL/ SERIAL NO	CAL. DATE	NEXT CAL. DATE
PLATFORM SCALE (BALLAST)	HOWE RICHARDSON	MODEL #6401 SERIAL #0181- 5509-26	8/5/2008	8/5/2009
AIR PRESSURE GAUGE	ASHCROFT GENERAL PURPOSE DIGITAL GAUGE	MODEL #D1005PS 02L 100 PSI SERIAL #20017398- 01	11/20/2008	11/20/2009
FLOOR SCALES (VEHICLE)	INTERCOMP SW DELUXE SCALES	PART #100156 SERIAL #27032382	8/5/2008	8/5/2009

SECTION 5
PHOTOGRAPHS



2009 DODGE JOURNEY
NHTSA NO.C90302
FMVSS NO.110

FIGURE 5.1
¾ FRONT VIEW FROM LEFT SIDE OF VEHICLE



2009 DODGE JOURNEY
NHTSA NO.C90302
FMVSS NO.110

FIGURE 5.2
¾ REAR VIEW FROM RIGHT SIDE OF VEHICLE



MFD BY **CHRYSLER LLC**
DATE OF MFR: 6-08
GAWR FRONT: 1248 KG 2750 LB
16X6.5
GAWR REAR: 1316 KG 2900 LB
16X6.5

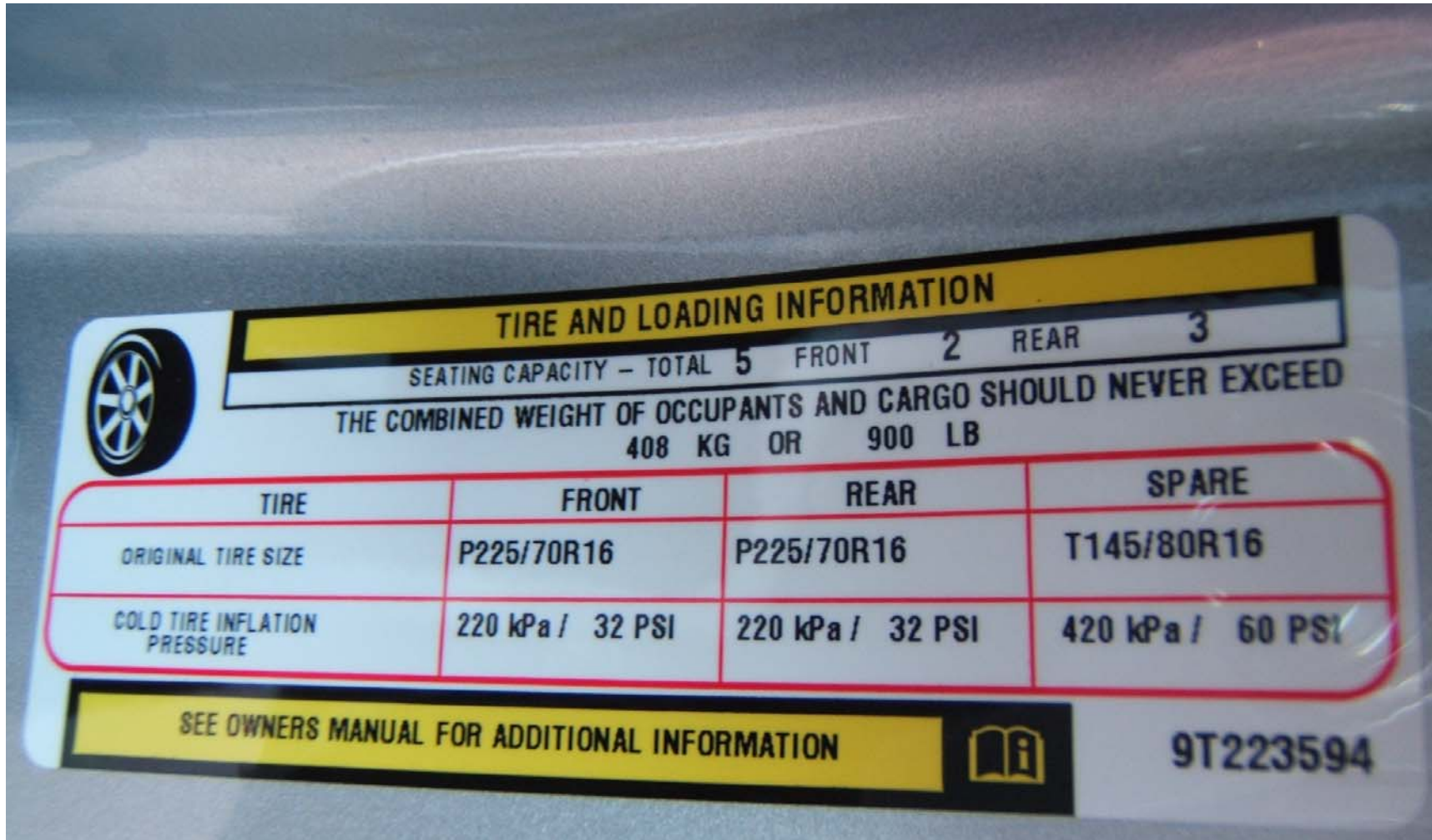
GWR: 2271 KG 05005 LB
WITH P225/70R16 TIRES
RIMS AT 220 KPA (32 PSI) COLD
WITH P225/70R16 TIRES
RIMS AT 220 KPA (32 PSI) COLD



THIS VEHICLE CONFORMS TO ALL APPLICABLE U.S.A. FEDERAL MOTOR VEHICLE SAFETY AND THEFT PREVENTION STANDARDS IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.
VIN: 3D4GG47B19T223594 TYPE: MPV NDH:061110 522AA
VEHICLE MADE IN MEXICO PAINT: PS2 TRIM: A7DU 4648509

2009 DODGE JOURNEY
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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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FMVSS NO.110

FIGURE 5.8
TIRE SHOWING MAX LOAD RATING
AND MAX INFLATION PRESSURE



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FMVSS NO.110

FIGURE 5.9
TIRE SHOWING SERIAL NUMBER



2009 DODGE JOURNEY
NHTSA NO.C90302
FMVSS NO.110

FIGURE 5.10
RIM SHOWING MANUFACTURER NAME



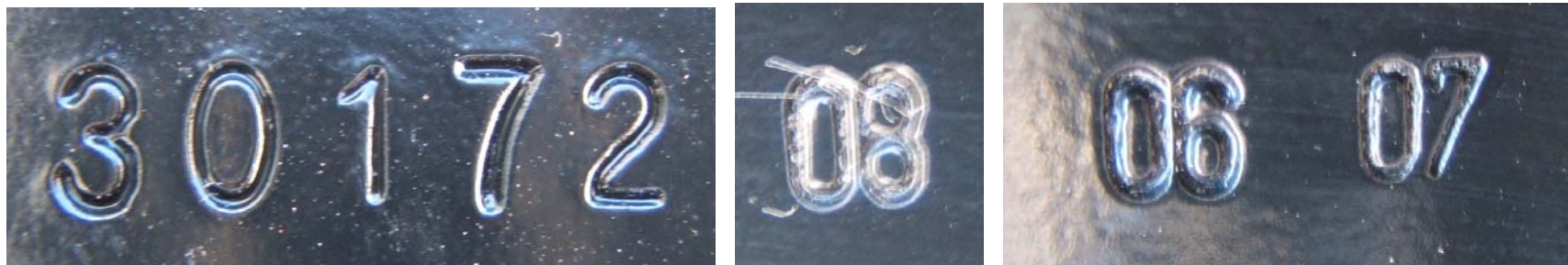
2009 DODGE JOURNEY
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FIGURE 5.11
RIM SHOWING MANUFACTURE DATE



2009 DODGE JOURNEY
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FMVSS NO.110

FIGURE 5.12
RIM SHOWING SOURCE OF PUBLISHED
DIMENSIONS, DOT SYMBOL, AND SIZE



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FMVSS NO.110

FIGURE 5.13
OTHER RIM MARKINGS



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FIGURE 5.14
RIM CONTOUR FOR FULL
WIDTH OF CROSS SECTION



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FMVSS NO.110

FIGURE 5.15
VEHICLE FRONT SEAT BALLASTED
FOR NORMAL AND MAXIMUM LOADS



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FMVSS NO.110

FIGURE 5.16
VEHICLE REAR SEAT BALLASTED
FOR NORMAL LOAD



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FMVSS NO.110

FIGURE 5.17
VEHICLE REAR SEAT BALLASTED
FOR MAXIMUM LOAD



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FMVSS NO.110

FIGURE 5.18
CARGO AREA SHOWN BALLASTED FOR MAXIMUM LOAD



2009 DODGE JOURNEY
NHTSA NO.C90302
FMVSS NO.110

FIGURE 5.19
VEHICLE ON WEIGHT SCALES