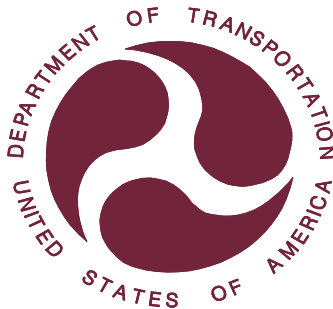


REPORT NUMBER 110-STF-08-001

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

HONDA MOTOR COMPANY
2008 ACURA RDX
FOUR-DOOR MPV
NHTSA NO. C85300

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



February 12, 2008

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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7. Author(s) Jack Stewart, Junior Systems Analyst		8. Performing Organization Rep# STF-DOT-08-110-001	
9. Performing Organization Name and Address U.S. DOT San Angelo Test Facility 131 Comanche Trail, Building 3527 Goodfellow AFB, Texas 76908		10. Work Unit No. (TRAIS)	
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12. Sponsoring Agency Name and Address United States Department of Transportation National Highway Traffic Safety Administration Office of Vehicle Safety Compliance 1200 New Jersey Avenue, SE Washington, DC 20590		13. Type of Report and Period Covered Final Test Report October 9 and 10, 2007	
		14. Sponsoring Agency Code NVS-220	
15. Supplementary Notes			
16. Abstract Compliance tests were conducted on the subject 2008 Acura RDX 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 2008 Acura RDX 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 2008 Acura RDX four-door MPV. Nomenclatures applicable to the test vehicle are:

- A. Vehicle Identification Number: 5J8TB18288A002184
- B. NHTSA No.: C85300
- C. Manufacturer: Honda Motor Company
- D. Manufacture Date: 08/2007

1.3 TEST DATE

The test vehicle was tested October 9 and 10, 2007.

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. At each step of the ballasting procedure, data was recorded. Vehicle was ballasted to 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. Tire and rim 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 data indicate compliance of the Acura RDX test vehicle with all requirements tested.

SECTION 3

TEST DATA

DATA SUMMARY SHEET (1 of 2)

VEHICLE MAKE/MODEL/BODY STYLE: 2008 Acura RDX four-door MPV

VEHICLE NHTSA NO.: C85300 VIN: 5J8TB18288A002184

VEHICLE TYPE: MPV DATE OF MANUFACTURE: 08/2007

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, 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

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: 2008 Acura RDX four-door MPV

VEHICLE NHTSA NUMBER: C85300 TEST DATE: October 9, 2007

VIN: 5J8TB18288A002184 MANUFACTURE DATE: 08/2007

GVWR: 2,220 kg (4,894 lbs) GAWR (front): 1,155 kg (2,546 lbs)
GAWR (rear): 1,080 kg (2,381 lbs)

SEATING POSITIONS: FRONT 2 MID N/A REAR 3

ODOMETER READING AT START OF TEST: 48 km (30 mi)

ENGINE DATA: 4 Cylinders 2.3 Liters Cubic Inches

TRANSMISSION DATA: X Automatic Manual 5 No. of Speeds

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

REMARKS: None

RECORDED BY: Jack R. Stewart DATE: October 9, 2007

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2008 Acura RDX four-door MPV

VEHICLE NHTSA NO. C85300 VIN: 5J8TB18288A002184

LABORATORY: US DOT San Angelo Test Facility TEST DATE: October 9, 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: () YES (X) NO

Tire Sidewall	Right Front	Left Rear (If different)	Spare Tire (If different)
Manufacturer and Model	<u>Michelin MXM4</u>	<u></u>	<u>Goodyear</u>
Tire Size Designation	<u>P235/55R18</u>	<u></u>	<u>T165/80D17</u>
Load Index/Speed Symbol	<u>99V</u>	<u></u>	<u>104M</u>
Maximum Inflation Pressure	<u>300 kPa (44 psi)</u>	<u></u>	<u>420 kPa (60 psi)</u>
Maximum Load Rating	<u>775 kg (1,709 lbs)</u>	<u></u>	<u>900 kg (1,984 lbs)</u>
Tread/Traction/Temperature	<u>300/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 B93JPHFX1607 Left Front B93JPHFX1607
Right Rear B93JPHFX1607 Left Rear B93JPHFX1607
Spare PC10H9EP2707

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	1,155 kg (2,546 lbs)	1,080 kg (2,381 lbs)
B. Tire Maximum Load Rating from above	775 kg (1,709 lbs)	775 kg (1,709 lbs)
C. Reduced tire load rating if applicable*	705 kg (1,554 lbs)	705 kg (1,554 lbs)
D. (No. of tires) x (Tire load rating de-rated if appropriate)	1,410 kg (3,108 lbs)	1,410 kg (3,108 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

DATE: October 9, 2007

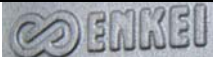

APPROVED BY: Kenneth H. Yates

**DATA SHEET 3
VEHICLE RIM IDENTIFICATION**

VEHICLE MAKE/MODEL/BODY STYLE: 2008 Acura RDX four-door MPV

VEHICLE NHTSA NO. C85300 VIN: 5J8TB18288A002184

LABORATORY: US DOT San Angelo Test Facility TEST DATE: October 9, 2007

Rim Markings	RIGHT FRONT	LEFT REAR (if different)
A. Source of published dimensions (letter designation)	J	
B. Rim Size	18x7½J	
C. Does rim contain DOT symbol? (Yes/No)	Yes	
D. Manufacturer's name, symbol or trademark (copy format)		
E. Date of manufacture or symbol (copy format)		
F. Letter height (not less than 3 mm)	5 mm	
G. Lettering (impressed or embossed)	See Remarks	
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	19.1 cm (7.5 in)	
Rim diameter	45.7 cm (18 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:

2007 Tire and Rim Association Yearbook

DATA INDICATES COMPLIANCE:

PASS/FAIL: PASS

REMARKS: None

RECORDED BY: Jack R. Stewart

DATE: October 9, 2007

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2008 Acura RDX four-door MPV

VEHICLE NHTSA NO. C85300 VIN: 5J8TB18288A002184

LABORATORY: US DOT San Angelo Test Facility TEST DATE: October 9, 2007

Identification of Vehicle Labeling

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

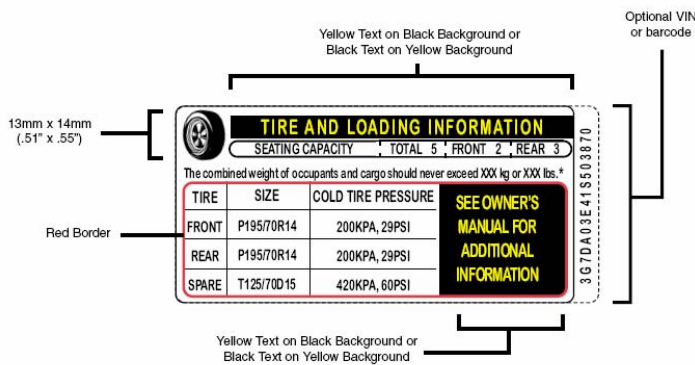


FIGURE 1
(70 FR 14425)

Tire Inflation Pressure Label

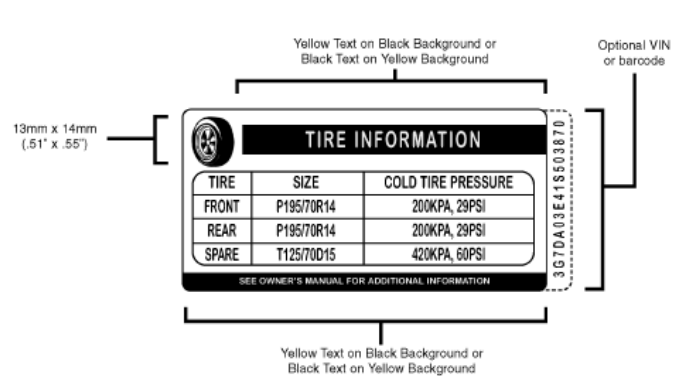


FIGURE 2
(70 FR 14426)

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 1 and text is in English language. () YES (X) NO

If no, explain: One line for tire size front and rear

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 395 kg (870 lbs)

Seating Capacity: Total 5 ; Front 2 ; Rear 3

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

Is the tire size and pressure provided? YES NO

Tire Information:

Tire Size: Front P235/55R18 ; Rear P235/55R18

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?
 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>P235/55R18</u>	<u>18x7½ J</u>	<u>Yes</u>
Rear Axle	<u>P235/55R18</u>	<u>18x7½J</u>	<u>Yes</u>

*Referenced source used for tire/rim match verification:

2007 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>2,220 kg (4,894 lbs)</u>	FRONT AXLE	REAR AXLE
A. GAWR from certification label	1,155 kg (2,546 lbs)	1,080 kg (2,381 lbs)
B. Tire load rating of labeled tire size at labeled inflation pressure*	750 kg (1,653 lbs)	750 kg (1,653 lbs)
C. Reduced tire load rating if applicable**	682 kg (1,503 lbs)	682 kg (1,503 lbs)
D. (No. of tires) x (Tire load rating de-rated if appropriate)	1,364 kg (3,006 lbs)	1,364 kg (3,006 lbs)
Is "D" equal to or greater than "A"?	Yes	Yes

*Reference source used for determining load rating:

2007 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: None

RECORDED BY: Jack R. Stewart

DATE: October 9, 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: 2008 Acura RDX four-door MPV

VEHICLE NHTSA NO. C85300 VIN: 5J8TB18288A002184

LABORATORY: US DOT San Angelo Test Facility TEST DATE: October 10, 2007

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

* Transmission, windshield washer, power steering fluid, & engine oil

Tire Pressures: LF 220 kPa (31.9 psi) LR 220 kPa (31.9 psi)

RF 220 kPa (31.9 psi) RR 220 kPa (31.9 psi)

Vehicle Occupant Load

Seating Capacity from Placard:

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]

Vehicle Luggage/Cargo Load

(1) Vehicle Capacity Weight (from placard) 395 kg (870 lbs)

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

(3) Luggage/Cargo Load (subtract (2) from (1)) 55 kg (120 lbs)

Describe placement of cargo: Equally spaced weight distribution, front to rear and side to side as normal cargo

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	682 kg (1,503lbs)	521.2 kg (1,149 lbs)	no	587.4 kg (1,295 lbs)	no	583.8 kg (1,287 lbs)	no
Right Front Tire	682 kg (1,503 lbs)	498.0 kg (1,098 lbs)	no	561.1 kg (1,237 lbs)	no	559.3 kg (1,233 lbs)	no
Front Axle (GAWR)	1,155 kg (2,546 lbs)	1,019.2 kg (2,247 lbs)	no	1,148.5 kg (2,532 lbs)	no	1,143.1 kg (2,520 lbs)	no
Left Rear Tire	682 kg (1,503 lbs)	377.4 kg (832 lbs)	no	484.4 kg (1,068 lbs)	no	514.8 kg (1,135 lbs)	no
Right Rear Tire	682 kg (1,503 lbs)	381.9 kg (842 lbs)	no	486.7 kg (1,073 lbs)	no	515.3 kg (1,136 lbs)	no
Rear Axle (GAWR)	1,080 kg (2,381 lbs)	759.3 kg (1,674 lbs)	no	971.1 kg (2,141 lbs)	no	1,030.1 kg (2,271 lbs)	no
Total Vehicle (GVWR)	2,220 kg (4,894 lbs)	1,778.5 kg (3,921 lbs)	no	2,119.6 kg (4,673 lbs)	no	2,173.2 kg (4,791 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: Jack R. Stewart

DATE: October 10, 2007

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2008 Acura RDX four-door MPV

VEHICLE NHTSA NO. C85300 VIN: 5J8TB18288A002184

LABORATORY: US DOT San Angelo Test Facility TEST DATE: October 9, 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	398 - 401
(4)(ii)	(A) Description and explanation of recommended cold tire inflation pressure.	YES	360 - 361
	(B) Description and explanation of FMVSS 110 Vehicle Placard and Tire Inflation Pressure Label and their location(s).	YES	284
	(C) Description and explanation of adverse safety consequences of under-inflation including tire failure.	YES	360
	(D) Description and explanation for measuring and adjusting air pressure to achieve proper inflation.	YES	360 - 361
(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	361, 401
(4)(vi)	Tire care, including maintenance and safety practices.	YES	362 - 365
(4)(v)	(A) Description and explanation of locating and understanding load limit information, total load capacity, seating capacity, towing capacity, and cargo capacity.	YES	284 - 285
	(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	284 - 285
	(C) Description and explanation for determining compatibility of tire and vehicle load capabilities.	YES	284, 360 - 365
	(D) Description and explanation of adverse safety consequences of overloading on handling and stopping and on tires.	YES	284

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: None

RECORDED BY: Jack R. Stewart

DATE: October 9, 2007

APPROVED BY: Kenneth H. Yates

SECTION 4

TEST EQUIPMENT LIST AND CALIBRATION INFORMATION

TABLE 1 – EQUIPMENT INFORMATION LIST

EQUIPMENT	DESCRIPTION	MODEL/ SERIAL NO	CAL. DATE	NEXT CAL. DATE
PLATFORM SCALE (BALLAST)	HOWE RICHARDSON	MODEL #6401 SERIAL #0181- 5509-26	8/14/2007	8/14/2008
AIR PRESSURE GAUGE	ASHCROFT GENERAL PURPOSE DIGITAL GAUGE	MODEL #D1005PS 02L 100 PSI SERIAL #20017398- 01	12/20/2006	12/20/2007
FLOOR SCALES (VEHICLE)	INTERCOMP SW DELUXE SCALES	PART #100156 SERIAL #27032382	8/14/2007	8/14/2008

SECTION 5
PHOTOGRAPHS



2008 ACURA RDX
NHTSA NO. C85300
FMVSS NO. 110

FIGURE 5.1
¾ FRONTAL VIEW FROM LEFT SIDE OF VEHICLE



2008 ACURA RDX
NHTSA NO. C85300
FMVSS NO. 110

FIGURE 5.2
¾ REAR VIEW FROM RIGHT SIDE OF VEHICLE

MFD. BY HONDA OF AMERICA MFG., INC. 08/07
GVWR 2220KG (4894LBS) TIRE SIZE RIM SIZE
GAWR F 1155KG (2546LBS) P235/55R18 99V 18X7 1/2J
GAWR R 1080KG (2381LBS) P235/55R18 99V 18X7 1/2J

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

V.I.N.: 5J8TB18288A002184 TYPE: MPV



STK 8 AA5 - NH603PX - B - A

2008 ACURA RDX
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FMVSS NO.110

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



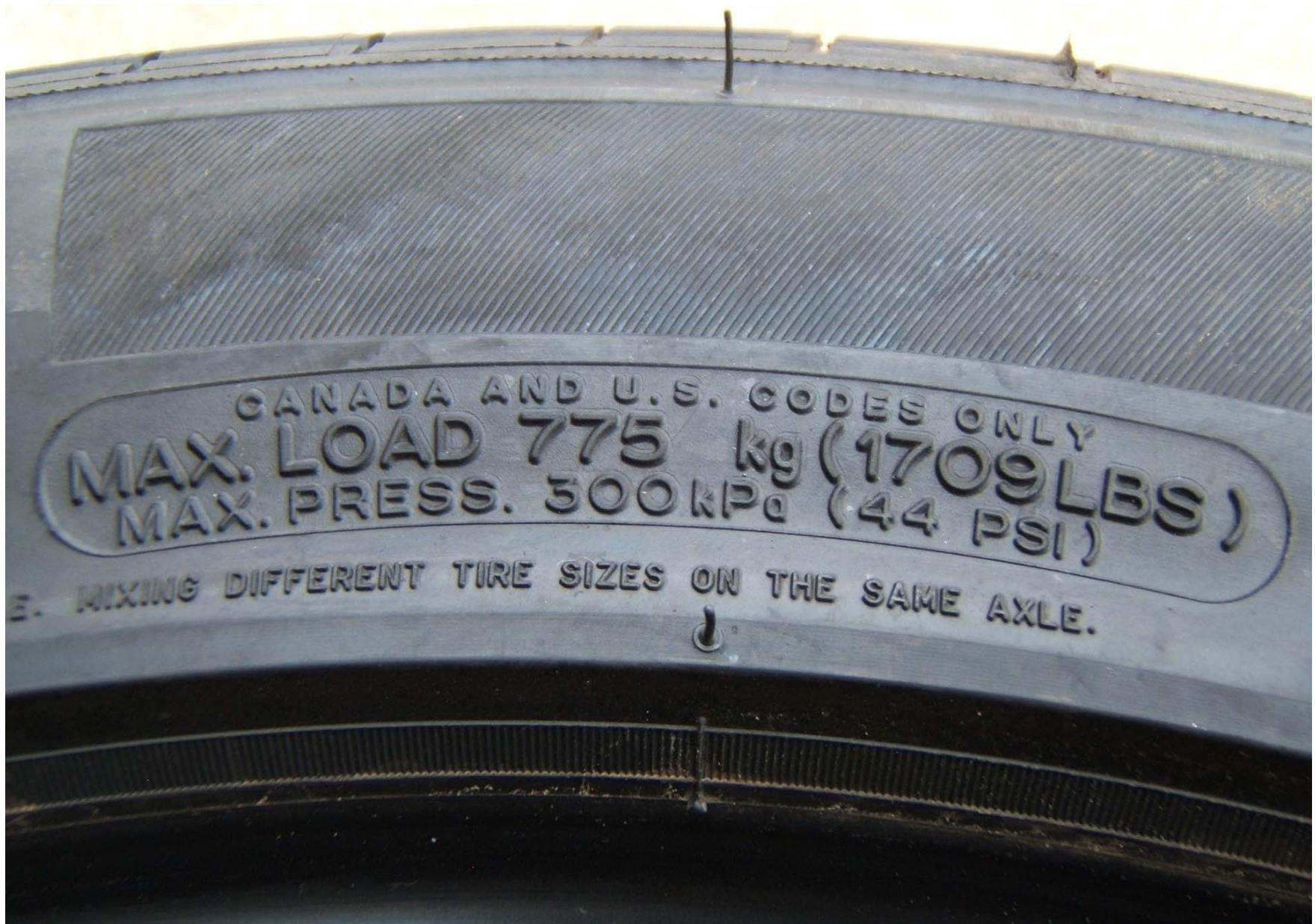
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NHTSA NO. C85300
FMVSS NO. 110

FIGURE 5.6
TIRE SHOWING MODEL



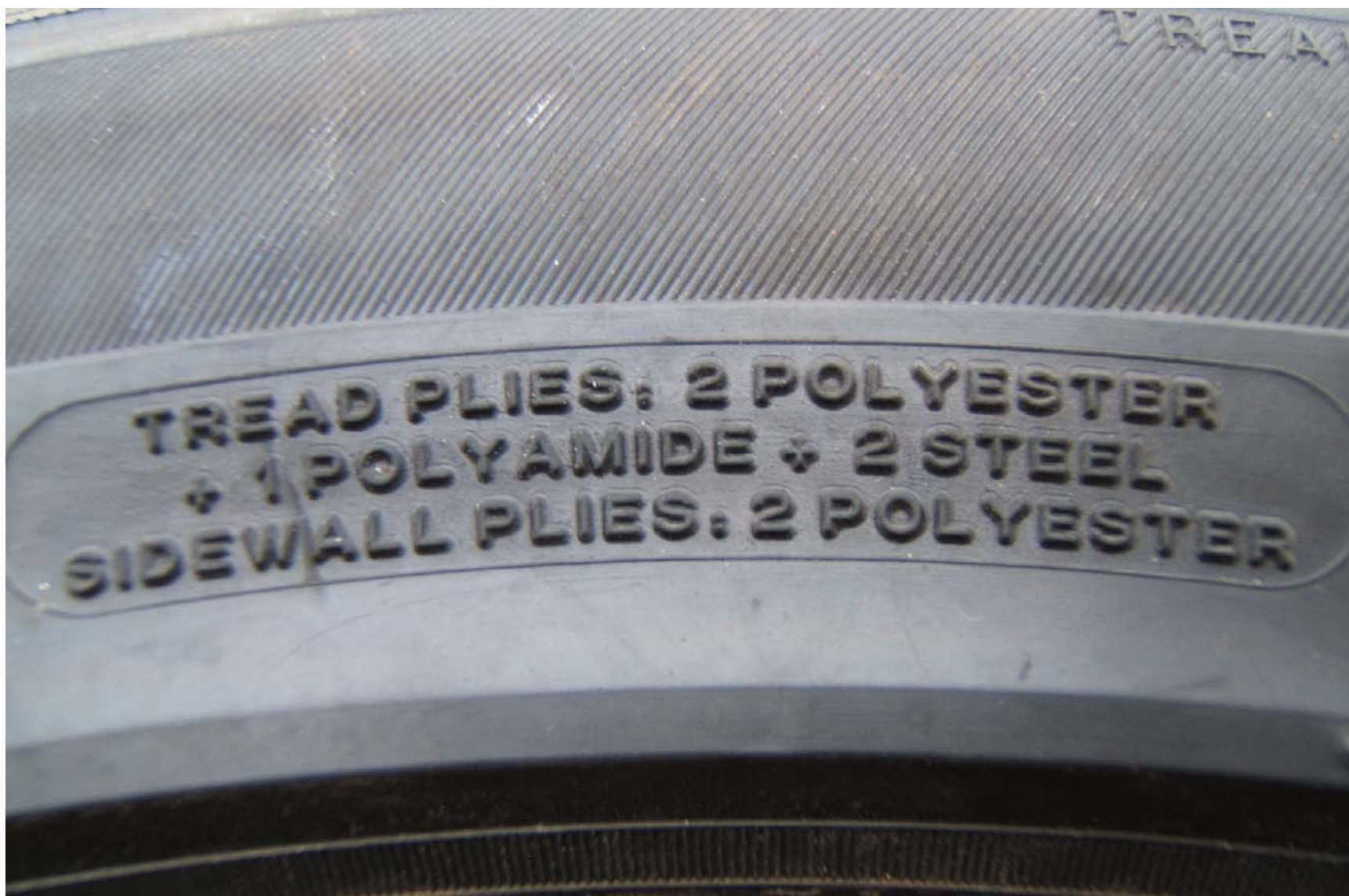
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FIGURE 5.7
TIRE SHOWING SIZE, LOAD INDEX, AND SPEED SYMBOL



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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 SYMBOL



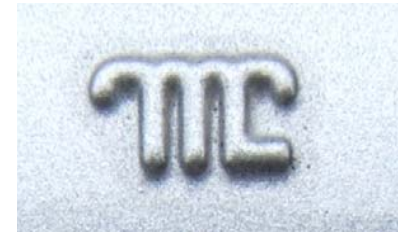
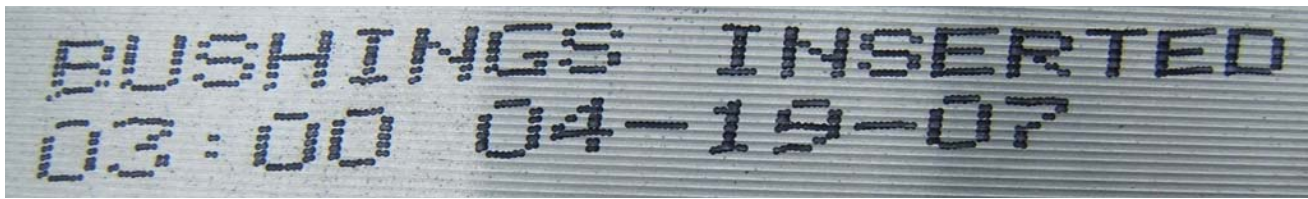
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FIGURE 5.13
RIM SHOWING MANUFACTURE DATE



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FIGURE 5.14
RIM SHOWING TYPE DESIGNATION, SIZE, AND DOT SYMBOL



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FIGURE 5.15
RIM MARKINGS



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FIGURE 5.16
VEHICLE FRONT SEAT BALLASTED
FOR MAXIMUM LOAD



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FIGURE 5.17
VEHICLE REAR SEAT BALLASTED
FOR MAXIMUM LOAD



2008 ACURA RDX
NHTSA NO. C85300
FMVSS NO. 110

FIGURE 5.18
REAR OF VEHICLE SHOWN BALLASTED FOR MAXIMUM LOAD



2008 ACURA RDX
NHTSA NO. C85300
FMVSS NO. 1

FIGURE 5.19
VEHICLE ON WEIGHT SCALES