REPORT NUMBER 110-STF-10-001

SAFETY COMPLIANCE TESTING FOR FMVSS 110 TIRE SELECTION AND RIMS

GENERAL MOTORS CORPORATION
2010 CHEVROLET CAMARO
TWO-DOOR PASSENGER CAR
NHTSA NO. CA0106

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

March 17, 2010

FINAL REPORT

PREPARED FOR

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

This publication is distributed by the National Highway Traffic Safety Administration in the interest of information exchange. Opinions, findings and conclusions expressed in this publication are those of the author(s) and not necessarily those of the Department of Transportation or the National Highway Traffic Safety Administration. The United States Government assumes no liability for its contents or use thereof.

If trade or manufacturers' names or products are mentioned, it is only because they are considered essential to the object of the publication and should not be construed as an endorsement.

Prepared By: Doris Beebe

Approved By:

Accepted By:

Acceptance Date: 3/17/10

Technical Report Documentation Page

1. Report No. 110-STF-10-001	2. Government Accession No.	3. Recipient's Catalog No.
4. Title and Subtitle Final Report of FMVSS 110 Compliance Testing of 2010 Chevrolet Camaro Two-Door Passenger Car, NHTSA No. CA0106		5. Report Date March 17, 2010 6. Performing Organization Code STF
7. Author(s) Jack Stewart, Junior Systems Analyst Todd P. Groghan, Safety Compliance Engineer Kenneth H. Yates, Safety Compliance Engineer		8. Performing Organization Report No. STF-DOT-10-110-001
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) 11. Contract or Grant No.
12. Sponsoring Agency Name and Address U.S. DOT San Angelo Test Facility 131 Comanche Trail, Building 3527 Goodfellow AFB, Texas 76908		13. Type of Report and Period Covered Final Test Report February 22, 2010 14. Sponsoring Agency Code NVS-220
15. Supplementary Notes		
16. Abstract Compliance tests were conducted on the subject 2010 Chevrolet Camaro two-door passenger car in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP-110P-03 for the determination of FMVSS 110 compliance. Test failures identified were as follows: NONE.		
17. Key Words Compliance Testing Safety Engineering FMVSS 110	18. Distribution Statement Copies of this report are available from: NHTSA Technical Information Services NPO-411 1200 New Jersey Avenue, S.E. Washington, DC 20590 Email: tis@dot.gov FAX: 202-493-2833	
19. Security Classification (of this report) UNCLASSIFIED	21. Number of Pages 36	22. Price
20. Security Classification (of this page) UNCLASSIFIED		

Form DOT F 1700.7 (8-72)

TABLE OF CONTENTS

SECTION PAGE

1 Introduction 1

2 Test Procedure and Summary of Results 2

3 Test Data 3

4 Test Equipment List and Calibration Information 16

5 Photographs 17

Figure

5.1 ¾ Front View from Left Side of Vehicle
5.2 ¾ Rear View from Right Side of Vehicle
5.3 Vehicle Certification Label
5.4 Vehicle Placard
5.5 Tire Showing Brand
5.6 Tire Showing Model
5.7 Tire Showing Size, Load Index, and Speed Symbol
5.8 Tire Showing Max Load Rating and Max Inflation Pressure
5.9 Tire Showing Serial Number
5.10 Rim Contour for Full Width of Cross Section
5.11 Right Front Rim Showing Manufacturer's Symbol, Size, Letter Designation for Source of Published Dimensions, DOT Symbol, Date of Manufacture, and Other Rim Markings
5.12 Vehicle Front Seat Ballasted for Normal, Full, and Maximum Loads
5.13 Vehicle Rear Seat Ballasted for Full and Maximum Loads
5.14 Vehicle Trunk Shown Ballasted for Maximum Load
5.15 Vehicle on Weight Scales

SECTION 1

INTRODUCTION

1.1 PURPOSE OF COMPLIANCE TEST

A 2010 Chevrolet Camaro passenger car was tested to determine if the vehicle was in compliance with the requirements of FMVSS No. 110. All tests were conducted in accordance with NHTSA, Office of Vehicle Safety Compliance (OVSC) Laboratory Test Procedure TP-110P-03, dated August 31, 2007.

1.2 TEST VEHICLE

The test vehicle was a 2010 Chevrolet Camaro two-door passenger car. Nomenclatures applicable to the test vehicle are:

A. Vehicle Identification Number: 2G1FA1EV1A9178422

B. NHTSA Number: CA0106

C. Manufacturer: General Motors Corporation

D. Manufacture Date: 12/2009

1.3 TEST DATE

The test vehicle was tested February 22, 2010.

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 and left rear wheels were removed from the vehicle. Pertinent information on the tires and rims furnished with the vehicle were recorded and tires and rims were photographed.

The vehicle tire placard was photographed and checked for compliance to location, format, and information requirements. 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. Vehicle was ballasted to Normal Load weight, Full Occupant Load, and Maximum Vehicle Load weight. At each step of the ballasting procedure, data was recorded. Ballast was photographically documented for the Normal, Full, and Maximum Vehicle Load weights. The owner's manual was checked for all required information on placard, tire loading, and general tire and loading parameters.

2.2 SUMMARY OF RESULTS

The data indicate compliance of the Chevrolet Camaro with all requirements tested.

SECTION 3

TEST DATA

DATA SUMMARY SHEET

VEHICLE MAKE/MODEL/BODY STYLE: 2010 Chevrolet Camaro two-door passenger car

VEHICLE NHTSA NUMBER: CA0106 VIN: 2G1FA1EV1A9178422

VEHICLE TYPE: passenger car DATE OF MANUFACTURE: 12/2009

LABORATORY: US DOT San Angelo Test Facility

PASSENGER CAR REQUIREMENTS	PASS/FAIL
General (Data Sheet 2)	
The vehicle is equipped with tires that meet the requirements of S139. (S110, S4.1)	**PASS**
Tire Load Limits (Data Sheet 5)	
The vehicle maximum load on the tire shall not be greater than the maximum load rating as marked on the sidewall of the tire. (S110, S4.2.1.1)	**PASS**
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, S4.2.1.2)	**PASS**
Placard and Tire Inflation Pressure Label (Data Sheets 4 and 5)	
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**
No inflation pressure other than the maximum permissible inflation pressure may be shown on the placard and, if any, tire inflation pressure label unless as required. (S110, S4.3.4)	**PASS**
Rim (Data Sheet 3)	
Each rim is constructed to the dimensions of a rim specified for the application. (S110, S4.4.1(a))	**PASS**
Vehicle rims retain deflated tires during a controlled brake application. (S110, S4.4.1(b))	**See Remarks**
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**

REMARKS: The rim retention test required by FMVSS No.110, paragraph S4.4.1(b) was not executed on the subject Chevrolet Camaro.

DATA SHEET 1
TEST VEHICLE INFORMATION/RECEIVING INSPECTION

VEHICLE MAKE/MODEL/BODY STYLE: 2010 Chevrolet Camaro two-door passenger car

VEHICLE NHTSA NUMBER: CA0106 TEST DATE: February 22, 2010

VIN: 2G1FA1EV1A9178422 MANUFACTURE DATE: 12/2009

GVWR: 2,079 kg (4,582 lb) GAWR(front): 975 kg (2,149 lb)

GAWR(rear): 1,104 kg (2,433 lb)

SEATING POSITIONS: FRONT 2 MID N/A REAR 2

ODOMETER READING AT START OF TEST: 269 km (167 mi)

ENGINE DATA: 6 Cylinders 3.6 Liters ____ Cubic Inches

TRANSMISSION DATA: X Automatic ____ Manual 6 No. of Speeds

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

INSTALLED VEHICLE EQUIPMENT:

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

REMARKS: None

RECORDED BY: Todd P. Groghan DATE: February 22, 2010

APPROVED BY: Kenneth H. Yates

DATA SHEET 2
VEHICLE TIRE IDENTIFICATION

VEHICLE MAKE/MODEL/BODY STYLE: 2010 Chevrolet Camaro two-door passenger car

VEHICLE NHTSA NUMBER: CA0106 VIN: 2G1FA1EV1A9178422

LABORATORY: US DOT San Angelo Test Facility TEST DATE: February 22, 2010

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	BFGoodrich Radial T/A		Maxxis Temporary Use Only
Tire Size Designation	P245/55R18		T155/70R18
Load Index/Speed Symbol	102T		112M
Maximum Inflation Pressure	300 kPa (44 psi)		420 kPa (60 psi)
Maximum Load Rating	850 kg (1,874 lb)		1,120 kg (2,469 lb)
Tread/Traction/Temperature	620 / A / B		N/A
Tires Have "DOT" Markings	Yes		Yes

Serial Number: Right Front APA8TR114909 Left Front APA8TR114909

Right Rear APA8TR114909 Left Rear APA8TR114809

Spare UYTUABC4509

DATA INDICATES COMPLIANCE: PASS/FAIL: PASS

REMARKS: None

RECORDED BY: Todd P. Groghan DATE: February 22, 2010

APPROVED BY: Kenneth H. Yates

DATA SHEET 3
VEHICLE RIM IDENTIFICATION

VEHICLE MAKE/MODEL/BODY STYLE: 2010 Chevrolet Camaro two-door passenger car

VEHICLE NHTSA NUMBER: CA0106 VIN: 2G1FA1EV1A9178422

LABORATORY: US DOT San Angelo Test Facility TEST DATE: February 22, 2010

Rim Markings (if available):	**Right Front**	**Left Rear**
Manufacturer's Name, Symbol or Trademark		
Rim Size	18X7½ J	18X7½ J
Date of Manufacture	09 11 10	09 11 10
Does Rim contain "DOT" symbol? (YES/NO)	Yes	Yes
Other Rim Markings	See page 28	See page 28
Rim Inspection Comments:	None	

Rim Size:

	Tire Size	**Measured Rim Width**	**Measured Rim Diameter**
Right Front Wheel	P245/55R18	19.1 cm (7.5 in)	45.7 cm (18 in)
Left Rear Wheel	P245/55R18	19.1 cm (7.5 in)	45.7 cm (18 in)

Does stamped rim size (if available) agree with the measured rim size?
Right front rim: (X) YES ( ) NO Left rear rim: (X) YES ( ) NO

Installed rims are suitable for installed tires? (X) YES ( ) NO
Reference document: 2009 Tire & Rim Association Yearbook

DATA INDICATES COMPLIANCE: PASS/FAIL: PASS

REMARKS: None

RECORDED BY: Todd P. Groghan DATE: February 22, 2010

APPROVED BY: Kenneth H. Yates

DATA SHEET 4 (1 of 2)
VEHICLE PLACARD, AND TIRE INFLATION PRESSURE LABEL

VEHICLE MAKE/MODEL/BODY STYLE: 2010 Chevrolet Camaro two-door passenger car

VEHICLE NHTSA NUMBER: CA0106 VIN: 2G1FA1EV1A9178422

LABORATORY: US DOT San Angelo Test Facility TEST DATE: February 22, 2010

Identification of Vehicle Labeling

	Yes/No	Location	PASS/FAIL
1. Certification Label	Yes	Rear edge of driver's side door	PASS
2. Vehicle Placard	Yes	Driver's side B pillar	PASS
3. Tire Inflation Pressure Label	No		

Vehicle Placard

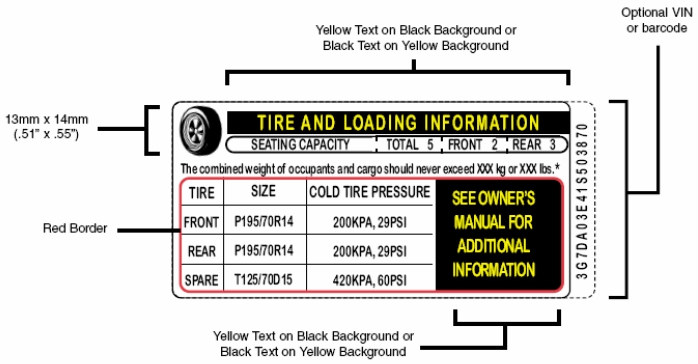


FIGURE 1B
(70 FR 14425)

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

Vehicle Placard is permanently affixed. (X)YES ( )NO

Vehicle Placard Information:

Combined weight of occupants and cargo 332 kg (732 lb)

Seating Capacity: Total 4 Front 2 Rear 2

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

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

Vehicle Placard Tire Information:

Tire size: Front P245/55R18 Rear P245/55R18

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

DATA INDICATES COMPLIANCE: PASS/FAIL: PASS

REMARKS: None

RECORDED BY: Todd P. Groghan DATE: February 22, 2010

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2010 Chevrolet Camaro two-door passenger car

VEHICLE NHTSA NUMBER: CA0106 VIN: 2G1FA1EV1A9178422

LABORATORY: US DOT San Angelo Test Facility TEST DATE: February 22, 2010

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

* Transmission, windshield washer, power steering, engine oil, rear differential oil, & brake fluid

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

A. MEASURED CURB WEIGHT WITH INSTALLED OPTIONS AND ACCESSORIES

LF 447 kg (985 lb) 416 kg (918 lb)
RF 442 kg (974 lb) RR 413 kg (911 lb)

Front Axle 889 kg (1,959 lb) Rear Axle 829 kg (1,829 lb)

Total Vehicle 1,718 kg (3,788 lb)

B. MEASURED VEHICLE NORMAL LOAD WEIGHT

(1) Seating Capacity from Vehicle Placard = 4

(2) Normal Load Number of Occupants (Table in Section 10) = 2

Occupant Distribution: Front Seat 2 Second Seat 0

(3) Total Normal Occupant Load: 136 kg (300 lb)
[# of occupants x 68 KG per occupant]

(4) Measured Normal Load on Axles:

LF 480 kg (1,058 lb) LR 451 kg (995 lb)
RF 474 kg (1,046 lb) RR 449 kg (989 lb)

Front Axle 954 kg (2,104 lb) Rear Axle 900 kg (1,984 lb)

Total Vehicle 1,854 kg (4,088 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] = 477 kg (1,052 lb)
Rear Tires [measured rear axle normal load/2] = 450 kg (992 lb)

(6) Calculated 94% of tire load rating at recommended cold inflation pressure:

Load rating at recommend cold inflation pressure= 850 kg (1,874 lb)
94% of load rating = 799.0 kg (1,761.6 lb)

Vehicle Normal Load on the Tire must not be greater than 94% of Load Rating Value.

		PASS/FAIL
[B.(5)<B.(6)]	Front Tires	PASS
	Rear Tires	PASS

C. MEASURED VEHICLE WEIGHT WITH FULL OCCUPANT LOAD

(1) Seating Capacity from Placard:

Total 4 Front 2 Rear 2

(2) Full Occupant Load: 272 kg (600 lb)
[# of total occupants from C(1) x 68 KG per occupant]

(3) Measured Vehicle Weight with Full Occupant Load:

LF	493 kg (1,086 lb)	LR	507 kg (1,118 lb)
RF	487 kg (1,074 lb)	RR	503 kg (1,110 lb)
Front Axle	980 kg (2,160 lb)	Rear Axle	1,010 kg (2,228 lb)

Total Vehicle 1,990 kg (4,388 lb)

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

D. MEASURED MAXIMUM VEHICLE LOAD WEIGHT

(1) Vehicle Capacity Weight (from placard): 332 kg (732 lb)

(2) Full Occupant Load (from C.(2)): 272 kg (600 lb)

(3) Luggage/Cargo Load (subtract (2) from (1)): 60 kg (132 lb)

(4) Measured Vehicle Maximum Load on Axles:

LF	488 kg (1,076 lb)	LR	541 kg (1,192 lb)
RF	485 kg (1,070 lb)	RR	536 kg (1,182 lb)
Front Axle	973 kg (2,146 lb)	Rear Axle	1,077 kg (2,374 lb)

Total Vehicle 2,050 kg (4,520 lb)

(5) Calculated Vehicle Maximum Load on the Tire:

Front Tires [measured front axle maximum load/2]= 487 kg (1,073 lb)

Rear Tires [measured rear axle maximum load/2] = 539 kg (1,187 lb)

(6) Tire Sidewall Maximum Load Ratings:

	Front	Rear
Installed Tire Size	P245/55R18	P245/55R18
Max. Load Rating on Sidewall	850 kg (1,874 lb)	850 kg (1,874 lb)

Vehicle Maximum Load on the tire must not be greater than the Maximum Load Rating Marked on the Tire Sidewall.

		PASS/FAIL
[D.(5)<D.(6)]	Front Tires	PASS
	Rear Tires	PASS

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

(7) Tire Load Ratings at Vehicle Placard or Tire Inflation Pressure Label Recommended Cold Tire Inflation Pressure.

	Front Axle	Rear Axle
Labeled Tire Size	P245/55R18	P245/55R18
Labeled Cold Inflation Pressure	240 kPa (35 psi)	240 kPa (35 psi)
Load Rating at This Pressure*	850 kg (1,874 lb)	850 kg (1,874 lb)

*Reference used to obtain Load Rating: 2009 Tire & Rim Association Yearbook

Vehicle Normal Load on the Tire must not be greater than the Tire Load Rating at the Labeled Cold Tire Inflation Pressure.

		PASS/FAIL
[B.(5)<D.(7)]	Front Tires	PASS
	Rear Tires	PASS

Vehicle Maximum Load on the tire must not be greater than the Tire Load Rating at the Labeled Cold Tire Inflation Pressure.

		PASS/FAIL
[D.(5)<D.(7)]	Front Tires	PASS
	Rear Tires	PASS

DATA INDICATES COMPLIANCE: PASS/FAIL: PASS

REMARKS: None

RECORDED BY: Todd P. Groghan DATE: February 22, 2010

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2010 Chevrolet Camaro two-door passenger car

VEHICLE NHTSA NUMBER: CA0106 VIN: 2G1FA1EV1A9178422

LABORATORY: US DOT San Angelo Test Facility TEST DATE: February 22, 2010

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	9-49, 9-50, 9-51
(4)(ii)	(A) Description and explanation of recommended cold tire inflation pressure.	Yes	9-52, 9-53
	(B) Description and explanation of FMVSS 110 Vehicle Placard and Tire Inflation Pressure Label and their location(s).	Yes	8-13, 8-14
	(C) Description and explanation of adverse safety consequences of under-inflation including tire failure.	Yes	9-48
	(D) Description and explanation for measuring and adjusting air pressure to achieve proper inflation.	Yes	9-56
(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	9-52, 9-53, 9-54
(4)(iv)	Tire care, including maintenance and safety practices.	Yes	9-55, 9-56, 9-61, 9-62
(4)(v)	(A) Description and explanation of locating and understanding load limit information, total load capacity, seating capacity, towing capacity, and cargo capacity.	Yes	8-13, 8-14, 8-15
	(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	8-14, 8-15
	(C) Description and explanation for determining compatibility of tire and vehicle load capabilities.	Yes	8-13
	(D) Description and explanation of adverse safety consequences of overloading on handling and stopping and on tires.	Yes	9-55

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: Todd P. Groghan DATE: February 22, 2010

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	7/28/2009	7/28/2010
AIR PRESSURE GAUGE	ASHCROFT GENERAL PURPOSE DIGITAL GAUGE	MODEL #D1005PS 02L 100 PSI SERIAL #20017398-01	12/9/2009	12/9/2010
FLOOR SCALES (VEHICLE)	INTERCOMP SW DELUXE SCALES	PART #100156 SERIAL #27032382	7/28/2009	7/28/2010

SECTION 5

PHOTOGRAPHS

2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

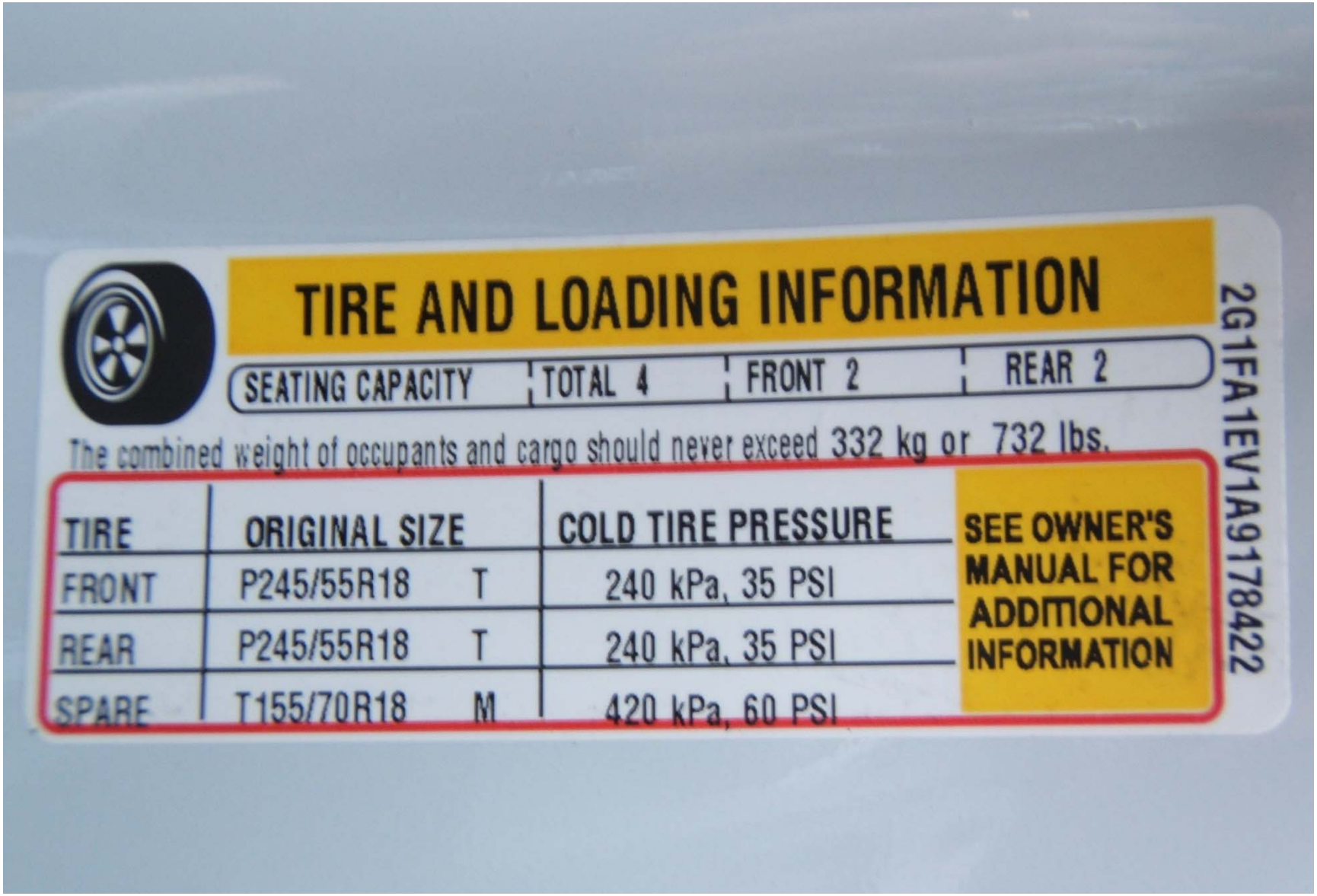
FIGURE 5.1
¾ FRONT VIEW FROM LEFT SIDE OF VEHICLE

2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

FIGURE 5.2
¾ REAR VIEW FROM RIGHT SIDE OF VEHICLE

2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

FIGURE 5.3
VEHICLE CERTIFICATION LABEL



2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

FIGURE 5.4
VEHICLE PLACARD

2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

FIGURE 5.5
TIRE SHOWING BRAND

2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

FIGURE 5.6
TIRE SHOWING MODEL

2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

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

2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

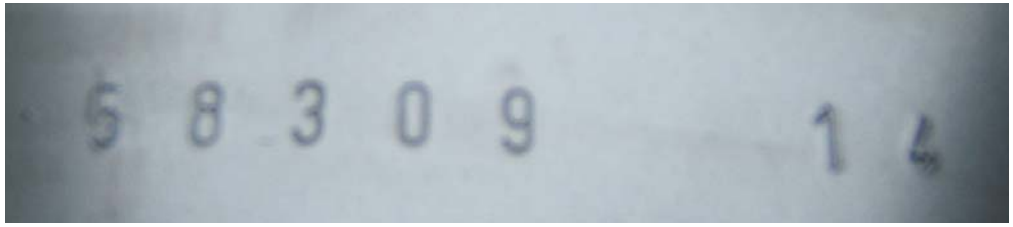
FIGURE 5.8
TIRE SHOWING MAX LOAD RATING AND MAX INFLATION PRESSURE

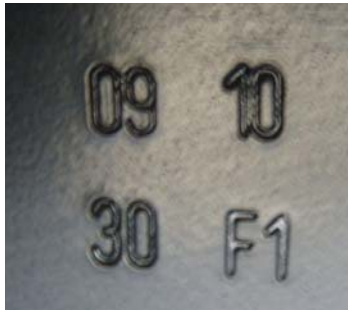
2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

FIGURE 5.9
TIRE SHOWING SERIAL NUMBER

2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

FIGURE 5.10
RIM CONTOUR FOR FULL WIDTH OF CROSS SECTION





2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

FIGURE 5.11
RIGHT FRONT RIM SHOWING MANUFACTURER'S SYMBOL, SIZE, LETTER DESIGNATION FOR SOURCE OF PUBLISHED DIMENSIONS, DOT SYMBOL, DATE OF MANUFACTURE, AND OTHER RIM MARKINGS

2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

FIGURE 5.12
VEHICLE FRONT SEAT BALLASTED FOR
NORMAL, FULL, AND MAXIMUM LOADS

2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

FIGURE 5.13
VEHICLE REAR SEAT BALLASTED
FOR FULL AND MAXIMUM LOADS

2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

FIGURE 5.14
VEHICLE TRUNK BALLASTED
FOR MAXIMUM LOAD

2010 CHEVROLET CAMARO
NHTSA NO. CA0106
FMVSS 110

FIGURE 5.15
VEHICLE ON WEIGHT SCALES