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
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Prepared By: Doris Beebe

Approved By: Thomas H. Geier

Accepted By: John T. Huffman

Acceptance Date: 3/17/10
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.
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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

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:

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

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


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

<table>
<thead>
<tr>
<th>Tire Sidewall</th>
<th>Right Front</th>
<th>Left Rear</th>
<th>Spare Tire</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturer and Model</td>
<td>BFGoodrich Radial T/A</td>
<td></td>
<td>Maxxis Temporary Use Only</td>
</tr>
<tr>
<td>Tire Size Designation</td>
<td>P245/55R18</td>
<td></td>
<td>T155/70R18</td>
</tr>
<tr>
<td>Load Index/Speed Symbol</td>
<td>102T</td>
<td></td>
<td>112M</td>
</tr>
<tr>
<td>Maximum Inflation Pressure</td>
<td>300 kPa (44 psi)</td>
<td></td>
<td>420 kPa (60 psi)</td>
</tr>
<tr>
<td>Maximum Load Rating</td>
<td>850 kg (1,874 lb)</td>
<td></td>
<td>1,120 kg (2,469 lb)</td>
</tr>
<tr>
<td>Tread/Traction/Temperature</td>
<td>620/A/B</td>
<td></td>
<td>N/A</td>
</tr>
<tr>
<td>Tires Have “DOT” Markings</td>
<td>Yes</td>
<td></td>
<td>Yes</td>
</tr>
</tbody>
</table>

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):

**Manufacturer's Name, Symbol or Trademark**

<table>
<thead>
<tr>
<th></th>
<th>Right Front</th>
<th>Left Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rim Size</strong></td>
<td>18X7½ J</td>
<td>18X7½ J</td>
</tr>
<tr>
<td><strong>Date of Manufacture</strong></td>
<td>09 11 10</td>
<td>09 11 10</td>
</tr>
<tr>
<td><strong>Does Rim contain “DOT” symbol? (YES/NO)</strong></td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Other Rim Markings</strong></td>
<td>See page 28</td>
<td>See page 28</td>
</tr>
<tr>
<td><strong>Rim Inspection Comments:</strong></td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

### Rim Size:

<table>
<thead>
<tr>
<th></th>
<th>Right Front Wheel</th>
<th>Left Rear Wheel</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tire Size</strong></td>
<td>P245/55R18</td>
<td>P245/55R18</td>
</tr>
<tr>
<td><strong>Measured Rim Width</strong></td>
<td>19.1 cm (7.5 in)</td>
<td>19.1 cm (7.5 in)</td>
</tr>
<tr>
<td><strong>Measured Rim Diameter</strong></td>
<td>45.7 cm (18 in)</td>
<td>45.7 cm (18 in)</td>
</tr>
</tbody>
</table>

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


Identification of Vehicle Labeling

<table>
<thead>
<tr>
<th>Yes/No</th>
<th>Location</th>
<th>PASS/FAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td>Rear edge of driver's side door</td>
<td>PASS</td>
</tr>
<tr>
<td>Yes</td>
<td>Driver's side B pillar</td>
<td>PASS</td>
</tr>
<tr>
<td>No</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
Vehicle Placard Tire Information:

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


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

<table>
<thead>
<tr>
<th></th>
<th>LF 447 kg (985 lb)</th>
<th>RF 442 kg (974 lb)</th>
<th>Front Axle 889 kg (1,959 lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>416 kg (918 lb)</td>
<td>RR 413 kg (911 lb)</td>
<td>Rear Axle 829 kg (1,829 lb)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Total Vehicle 1,718 kg (3,788 lb)</td>
</tr>
</tbody>
</table>

B. MEASURED VEHICLE NORMAL LOAD WEIGHT

1. Seating Capacity from Vehicle Placard = 4
2. Normal Load Number of Occupants (Table in Section 10) = 2

   Occuaptant Distribution: Front Seat 2  Second Seat 0

3. Total Normal Occupant Load: 136 kg (300 lb)

   [Number of occupants x 68 KG per occupant]

4. Measured Normal Load on Axles:

<table>
<thead>
<tr>
<th></th>
<th>LF 480 kg (1,058 lb)</th>
<th>RF 474 kg (1,046 lb)</th>
<th>Front Axle 954 kg (2,104 lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LR 451 kg (995 lb)</td>
<td>RR 449 kg (989 lb)</td>
<td>Rear Axle 900 kg (1,984 lb)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Total Vehicle 1,854 kg (4,088 lb)</td>
</tr>
</tbody>
</table>
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:

<table>
<thead>
<tr>
<th></th>
<th>LF</th>
<th>493 kg (1,086 lb)</th>
<th>LR</th>
<th>507 kg (1,118 lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>RF</td>
<td>487 kg (1,074 lb)</td>
<td>RR</td>
<td>503 kg (1,110 lb)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Front Axle</td>
<td>980 kg (2,160 lb)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th></th>
<th>LF 488 kg (1,076 lb)</th>
<th>LR 541 kg (1,192 lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>RF 485 kg (1,070 lb)</td>
<td>RR 536 kg (1,182 lb)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Installed Tire Size</th>
<th>P245/55R18</th>
<th>P245/55R18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Load Rating on Sidewall</td>
<td>850 kg (1,874 lb)</td>
<td>850 kg (1,874 lb)</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th></th>
<th>Front Axle</th>
<th>Rear Axle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Labeled Tire Size</td>
<td>P245/55R18</td>
<td>P245/55R18</td>
</tr>
<tr>
<td>Labeled Cold Inflation Pressure</td>
<td>240 kPa (35 psi)</td>
<td>240 kPa (35 psi)</td>
</tr>
<tr>
<td>Load Rating at This Pressure*</td>
<td>850 kg (1,874 lb)</td>
<td>850 kg (1,874 lb)</td>
</tr>
</tbody>
</table>

*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:**

<table>
<thead>
<tr>
<th>Part 575.6(a) Paragraph</th>
<th>Required Discussion Topic</th>
<th>Discussed in Manual? (YES/NO)</th>
<th>Page Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>(4)(i)</td>
<td>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).</td>
<td>Yes</td>
<td>9-49, 9-50, 9-51</td>
</tr>
<tr>
<td>(4)(ii)</td>
<td>(A) Description and explanation of recommended cold tire inflation pressure.</td>
<td>Yes</td>
<td>9-52, 9-53</td>
</tr>
<tr>
<td></td>
<td>(B) Description and explanation of FMVSS 110 Vehicle Placard and Tire Inflation Pressure Label and their location(s).</td>
<td>Yes</td>
<td>8-13, 8-14</td>
</tr>
<tr>
<td></td>
<td>(C) Description and explanation of adverse safety consequences of under-inflation including tire failure.</td>
<td>Yes</td>
<td>9-48</td>
</tr>
<tr>
<td></td>
<td>(D) Description and explanation for measuring and adjusting air pressure to achieve proper inflation.</td>
<td>Yes</td>
<td>9-56</td>
</tr>
<tr>
<td>(4)(iii)</td>
<td>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 &amp; 139.</td>
<td>Yes</td>
<td>9-52, 9-53, 9-54</td>
</tr>
<tr>
<td>(4)(iv)</td>
<td>Tire care, including maintenance and safety practices.</td>
<td>Yes</td>
<td>9-55, 9-56, 9-61, 9-62</td>
</tr>
<tr>
<td>(4)(v)</td>
<td>(A) Description and explanation of locating and understanding load limit information, total load capacity, seating capacity, towing capacity, and cargo capacity.</td>
<td>Yes</td>
<td>8-13, 8-14, 8-15</td>
</tr>
<tr>
<td></td>
<td>(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.</td>
<td>Yes</td>
<td>8-14, 8-15</td>
</tr>
<tr>
<td></td>
<td>(C) Description and explanation for determining compatibility of tire and vehicle load capabilities.</td>
<td>Yes</td>
<td>8-13</td>
</tr>
<tr>
<td></td>
<td>(D) Description and explanation of adverse safety consequences of overloading on handling and stopping and on tires.</td>
<td>Yes</td>
<td>9-55</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>EQUIPMENT</th>
<th>DESCRIPTION</th>
<th>MODEL/ SERIAL NO</th>
<th>CAL. DATE</th>
<th>NEXT CAL. DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLATFORM SCALE (BALLAST)</td>
<td>HOWE RICHARDSON</td>
<td>MODEL #6401 SERIAL #0181-5509-26</td>
<td>7/28/2009</td>
<td>7/28/2010</td>
</tr>
<tr>
<td>AIR PRESSURE GAUGE</td>
<td>ASHCROFT GENERAL PURPOSE DIGITAL GAUGE</td>
<td>MODEL #D1005PS 02L 100 PSI SERIAL #20017398-01</td>
<td>12/9/2009</td>
<td>12/9/2010</td>
</tr>
<tr>
<td>FLOOR SCALES (VEHICLE)</td>
<td>INTERCOMP SW DELUXE SCALES</td>
<td>PART #100156 SERIAL #27032382</td>
<td>7/28/2009</td>
<td>7/28/2010</td>
</tr>
</tbody>
</table>
SECTION 5
PHOTOGRAPHES
FIGURE 5.1

¾ FRONT VIEW FROM LEFT SIDE OF VEHICLE
MFD BY GENERAL MOTORS OF CANADA LTD.

**DATE**       **GVWR**       **GAWR FRT**       **GAWR RR**
12/09          2079 KG      975 KG          1104 KG
               4582 LB      2149 LB        2433 LB

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

2G1FA1EV1A9178422 TYPE: PASS CAR

FIGURE 5.3 VEHICLE CERTIFICATION LABEL
The combined weight of occupants and cargo should never exceed 332 kg or 732 lbs.

<table>
<thead>
<tr>
<th>TIRE</th>
<th>ORIGINAL SIZE</th>
<th>COLD TIRE PRESSURE</th>
<th>SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRONT</td>
<td>P245/55R18</td>
<td>240 kPa, 35 PSI</td>
<td></td>
</tr>
<tr>
<td>REAR</td>
<td>P245/55R18</td>
<td>240 kPa, 35 PSI</td>
<td></td>
</tr>
<tr>
<td>SPARE</td>
<td>T155/70R18</td>
<td>420 kPa, 60 PSI</td>
<td></td>
</tr>
</tbody>
</table>
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
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
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
FIGURE 5.13
VEHICLE REAR SEAT BALLASTED
FOR FULL AND MAXIMUM LOADS
31

2010 CHEVROLET CAMARO
NHTSA NO. CA0106
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FIGURE 5.14
VEHICLE TRUNK BALLASTED
FOR MAXIMUM LOAD