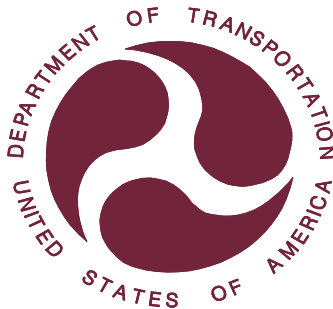


REPORT NUMBER 110-STF-07-003

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

**GENERAL MOTORS CORPORATION
2007 CHEVROLET COLORADO
PICKUP TRUCK
NHTSA NO. C70106**

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



September 25, 2007

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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16. Abstract Compliance tests were conducted on the subject 2007 Chevrolet Colorado pickup truck in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP-110T-01 for the determination of FMVSS 110 compliance. Test failures identified were as follows: Rim labeling failure (S120, S5.2(e)).			
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SECTION 1
INTRODUCTION

1.1 PURPOSE OF COMPLIANCE TEST

A 2007 Chevrolet Colorado pickup truck 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-01, dated December 15, 2005.

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 of the Vehicle Certification label, and format requirements for the Vehicle Placard, and optional Tire Inflation Pressure Label.

1.2 TEST VEHICLE

The test vehicle was a 2007 Chevrolet Colorado pickup truck. Nomenclatures applicable to the test vehicle are:

- A. Vehicle Identification Number: 1GCCS149278249529
- B. NHTSA No.: C70106
- C. Manufacturer: General Motors Corporation
- D. Manufacture Date: 06/2007

1.3 TEST DATE

The test vehicle was tested August 24 through August 27, 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 the 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 size and recommended inflation pressure information was taken from vehicle placard. Tire and rim information was also taken from the vehicle certification label. 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 Chevrolet Colorado test vehicle appears to be in compliance with all FMVSS 110 requirements tested. The test vehicle appears to be in compliance with all 120 requirements tested except for the date-of-manufacture rim marking requirement. The date-of-manufacture information impressed on the rims was not in the format specified by S120, S5.2(e).

SECTION 3

TEST DATA

DATA SUMMARY SHEET (1 of 2)

VEHICLE MAKE/MODEL/BODY STYLE: 2007 Chevrolet Colorado pickup truck

VEHICLE NHTSA NUMBER: C70106 VIN: 1GCCS149278249529

VEHICLE TYPE: MPV DATE OF MANUFACTURE: 06/2007

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)

FAIL

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 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 (Part 575.6 (a)(4))

PASS

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

PASS

DATA SHEET 1
TEST VEHICLE INFORMATION / RECEIVING INSPECTION

VEHICLE MAKE/MODEL/BODY STYLE: 2007 Chevrolet Colorado pickup truck

VEHICLE NHTSA NUMBER: C70106 TEST DATE: August 24, 2007

VIN:: 1GCCS149278249529 MANUFACTURE DATE: 06/2007

GVWR: 2,200 kg (4,850 lbs) GAWR (front): 1,149 kg (2,533 lbs)
GAWR (rear): 1,314 kg (2,896 lbs)

SEATING POSITIONS: FRONT 3 MID N/A REAR N/A

ODOMETER READING AT START OF TEST: 111 km (69 mi)

ENGINE DATA: 4 Cylinders 2.9 Liters Cubic Inches

TRANSMISSION DATA: X Automatic Manual 4 No. of Speeds

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

CHECK APPROPRIATE BOXES FOR INSTALLED VEHICLE EQUIPMENT:

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

REMARKS: None

RECORDED BY: Robert N. Gregg DATE: August 24, 2007

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2007 Chevrolet Colorado pickup truck

VEHICLE NHTSA NUMBER: C70106 VIN: 1GCCS149278249529

LABORATORY: US DOT San Angelo Test Facility TEST DATE: August 27, 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>General Ameri*GS60</u>	<u></u>	<u>Firestone Radial Tempa</u>
Tire Size Designation	<u>P205/75R15</u>	<u></u>	<u>T155/90R16</u>
Load Index/Speed Symbol	<u>97S</u>	<u></u>	<u>110M</u>
Maximum Inflation Pressure	<u>300 kPa (44 psi)</u>	<u></u>	<u>420 kPa (60 psi)</u>
Maximum Load Rating	<u>725 kg (1,598 lbs)</u>	<u></u>	<u>1,060 kg (2,337 lbs)</u>
Tread/Traction/Temperature	<u>520/A/B</u>	<u></u>	<u>None</u>
Tires Have "DOT" Markings	<u>Yes</u>	<u></u>	<u>Yes</u>

Serial Number: Right Front P5UL3LU1907 Left Front P5UL3LU1807
Right Rear P5UL3LU1807 Left Rear P5UL3LU1907
Spare WBV0H500207

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	1,149 kg (2,533 lbs)	1,314 kg (2,896 lbs)
B. Tire Maximum Load Rating from sidewall	725 kg (1,598 lbs)	725 kg (1,598 lbs)
C. Reduced tire load rating if applicable*	659 kg (1,453 lbs)	659 kg (1,453 lbs)
D. (No. of tires) x (Tire load rating de-rated if appropriate)	1,318 kg (2,906 lbs)	1,318 kg (2,906 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: August 27, 2007


APPROVED BY: Kenneth H. Yates

**DATA SHEET 3
VEHICLE RIM IDENTIFICATION**

VEHICLE MAKE/MODEL/BODY STYLE: 2007 Chevrolet Colorado pickup truck

VEHICLE NHTSA NUMBER: C70106 VIN: 1GCCS149278249529

LABORATORY: US DOT San Angelo Test Facility TEST DATE: August 27, 2007

Rim Markings	RIGHT FRONT	LEFT REAR (if different)
A. Source of published dimensions (letter designation)	E	
B. Rim Size	15x6.0J	
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)	0657II	
Do items A-C appear on weather side of rim (Yes/No)	Yes	
Letter height (not less than 3 mm)	4 mm	
Lettering (impressed or embossed)	Impressed	
Are all rim markings legible? (Yes/No)	Yes	
Do all markings comply with requirements (Yes/No)	No - see remarks	

Rim Measurements	RIGHT FRONT	LEFT REAR (If different)
Rim width	15.2 cm (6.0 in)	
Rim diameter	38.1 cm (15 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:

2003 European Tyre and Rim Technical Organisation Yearbook

DATA INDICATES COMPLIANCE:

PASS/FAIL: FAIL

REMARKS: Date-of-manufacture format does not meet the requirement of FMVSS 120, S5.2(e). Per the COTR, "065" stands for day of the year, "7" stands for 2007, and "II" stands for second shift. S5.2 specifies month, day and year or the month and year of manufacture, expressed either numerically or by use of a symbol.

RECORDED BY: Jack R. Stewart

DATE: August 27, 2007

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2007 Chevrolet Colorado pickup truck

VEHICLE NHTSA NUMBER: C70106 VIN: 1GCCS149278249529

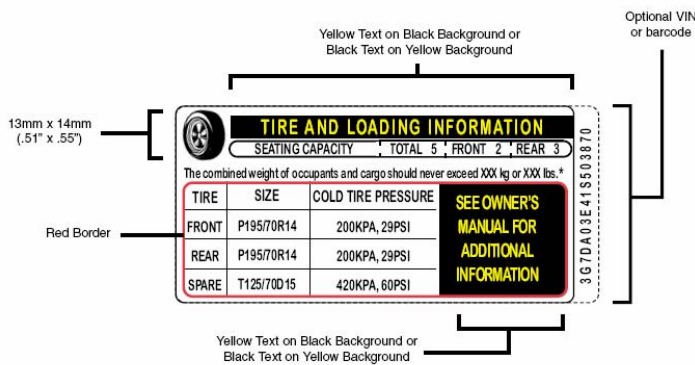
LABORATORY: US DOT San Angelo Test Facility TEST DATE: August 27, 2007

Identification of Vehicle Labeling

	(Yes/No)	Location	PASS/FAIL
1. Certification Label*	<u>Yes</u>	<u>B pillar</u>	<u>PASS</u>
2. Vehicle Placard*	<u>Yes</u>	<u>B pillar</u>	<u>PASS</u>
3. Tire Inflation Pressure Label*	<u>No</u>		<u>N/A</u>

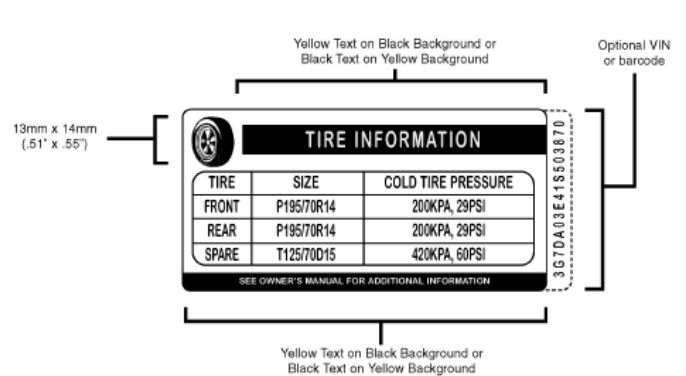
* Labels must be located as specified in section 12.4 of test procedure.

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. (X) YES () NO

If no, explain: _____

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

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

Combined weight of occupants and cargo: 586 kg (1,291 lbs)

Seating Capacity: Total 3 ; Front 3 ; Rear 0

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 P205/75R15 ; Rear P205/75R15

Tire Inflation Pressure: Front 240 kPa (35 psi) ; Rear 240 kPa (35 psi)

Are the sizes of the installed tires the same as the sizes of the labeled tires?
(X) YES () NO

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

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

Vehicle Certification Label information:

	Tire Size	Rim Size	Rim Suitable for Tire?*
Front Axle	<u>P205/75R15</u>	<u>15x6J</u>	<u>Yes</u>
Rear Axle	<u>P205/75R15</u>	<u>15x6J</u>	<u>Yes</u>

*Referenced source used for tire/rim match verification:

2007 Tire and Rim Association Yearbook

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

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

LABELED TIRE CAPACITY AT SPECIFIED PRESSURE		
GVWR <u>2,200 kg (4,850 lbs)</u>	FRONT AXLE	REAR AXLE
A. GAWR from certification label	1,149 kg (2,533 lbs)	1,314 kg (2,896 lbs)
B. Tire load rating of labeled tire size at labeled inflation pressure*	725 kg (1,598 lbs)	725 kg (1,598 lbs)
C. Reduced tire load rating if applicable**	659 kg (1,453 lbs)	659 kg (1,453 lbs)
D. (No. of tires) x (Tire load rating de-rated if appropriate)	1,318 kg (2,906 lbs)	1,318 kg (2,906 lbs)
Is "D" equal to or greater than "A"?	Yes	Yes

*Reference source used for determining load rating: 2007 Tire & Rim Assoc. 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: August 27, 2007

APPROVED BY: Kenneth H. Yates

DATA SHEET 5 (1 of 2)
CURB WEIGHT, FULL OCCUPANT LOAD WEIGHT & MAXIMUM VEHICLE WEIGHT

VEHICLE MAKE/MODEL/BODY STYLE: 2007 Chevrolet Colorado pickup truck

VEHICLE NHTSA NUMBER: C70106 VIN: 1GCCS149278249529

LABORATORY: US DOT San Angelo Test Facility TEST DATE: August 27, 2007

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

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

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

Vehicle Occupant Load

Seating Capacity from Placard:

Total 3 ; Front 3 ; Rear 0

Full Occupant Load 204 kg (450 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) 586 kg (1,291 lbs)

(2) Full Occupant Load (from above) 204 kg (450 lbs)

(3) Luggage/Cargo Load (subtract (2) from (1)) 382 kg (841 lbs)

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

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	659 kg (1,453 lbs)	444.1 kg (979 lbs)	no	499.9 kg (1,102 lbs)	no	487.2 kg (1,074 lbs)	no
Right Front Tire	659 kg (1,453 lbs)	416.4 kg (918 lbs)	no	470.8 kg (1,038 lbs)	no	459.5 kg (1,013 lbs)	no
Front Axle (GAWR)	1149 kg (2,533 lbs)	860.5 kg (1,897 lbs)	no	970.7 kg (2,140 lbs)	no	946.7 kg (2,087 lbs)	no
Left Rear Tire	659 kg (1,453 lbs)	352.9 kg (778 lbs)	no	399.2 kg (880 lbs)	no	603.3 kg (1,330 lbs)	no
Right Rear Tire	659 kg (1,453 lbs)	332.0 kg (732 lbs)	no	379.2 kg (836.0 lbs)	no	580.6 kg (1,280 lbs)	no
Rear Axle (GAWR)	1,314 kg (2,896 lbs)	684.9 kg (1,510 lbs)	no	778.4 kg (1,716 lbs)	no	1,183.9 kg (2,610 lbs)	no
Total Vehicle (GVWR)	2,200 kg (4,850 lbs)	1,545.4 kg (3,407 lbs)	no	1,749.1 kg (3,856 lbs)	no	2,130.5 kg (4,697 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: August 27, 2007

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2007 Chevrolet Colorado pickup truck

VEHICLE NHTSA NUMBER: C70106 VIN: 1GCCS149278249529

LABORATORY: US DOT San Angelo Test Facility TEST DATE: August 24, 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	378 – 380
(4)(ii)	(A) Description and explanation of recommended cold tire inflation pressure.	YES	380, 381, 384
	(B) Description and explanation of FMVSS 110 Vehicle Placard and Tire Inflation Pressure Label and their location(s).	YES	293, 296, 383
	(C) Description and explanation of adverse safety consequences of under-inflation including tire failure.	YES	377
	(D) Description and explanation for measuring and adjusting air pressure to achieve proper inflation.	YES	385
(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	380
(4)(vi)	Tire care, including maintenance and safety practices.	YES	377, 429
(4)(v)	(A) Description and explanation of locating and understanding load limit information, total load capacity, seating capacity, towing capacity, and cargo capacity.	YES	293 - 298
	(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	294 - 297
	(C) Description and explanation for determining compatibility of tire and vehicle load capabilities.	YES	296, 297
	(D) Description and explanation of adverse safety consequences of overloading on handling and stopping and on tires.	YES	293, 297

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 lbs 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: Robert N. Gregg

DATE: August 24, 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



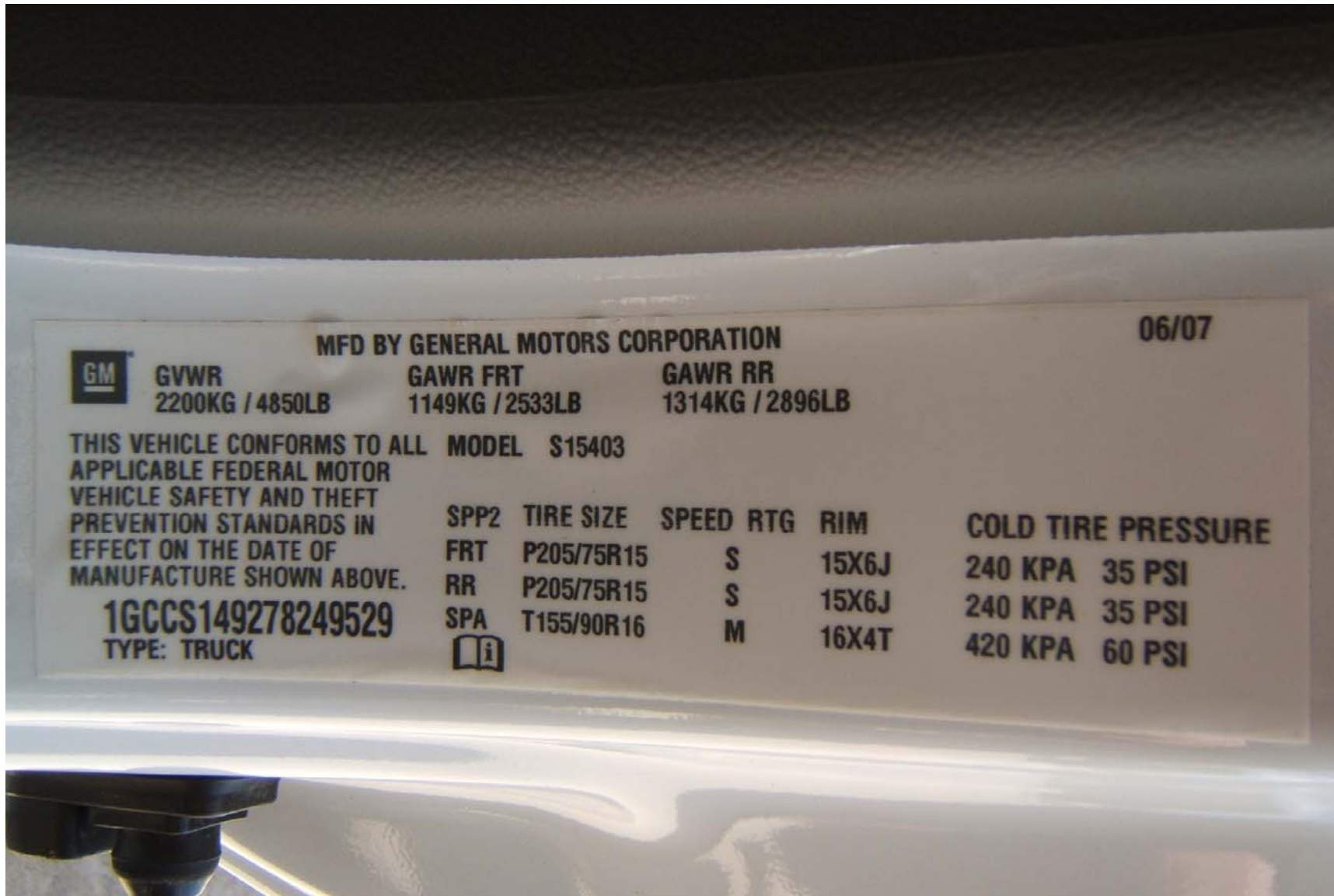
2007 CHEVROLET COLORADO
NHTSA NO. C70106
FMVSS NO. 110

FIGURE 5.1
¾ FRONTAL VIEW FROM LEFT SIDE OF VEHICLE



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FIGURE 5.2
¾ REAR VIEW FROM RIGHT SIDE OF VEHICLE



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FIGURE 5.3
VEHICLE CERTIFICATION LABEL



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FIGURE 5.4
 VEHICLE PLACARD



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FIGURE 5.5
TIRE SHOWING BRAND



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FIGURE 5.6
TIRE SHOWING MODEL



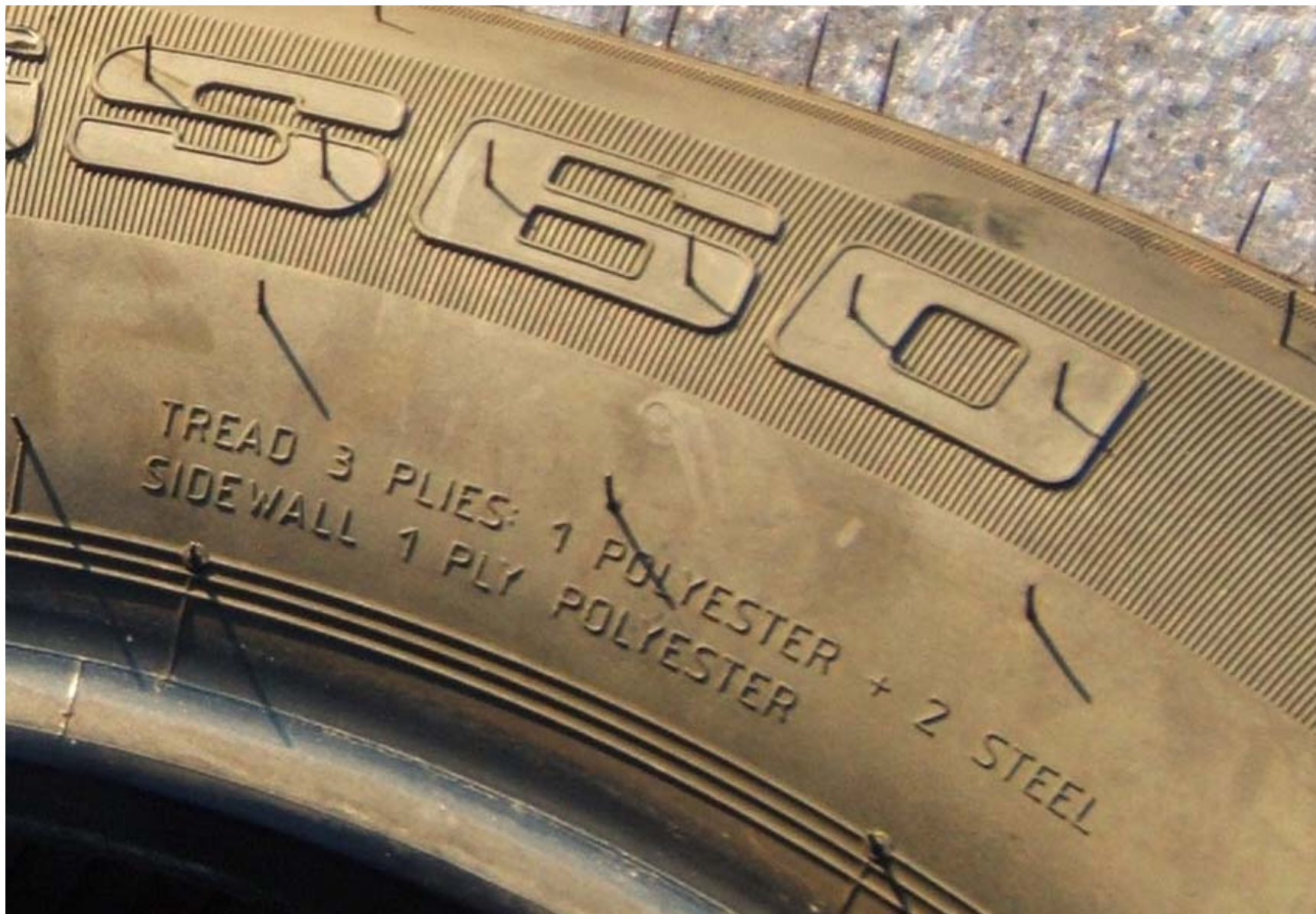
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FIGURE 5.7
TIRE SHOWING SIZE, LOAD INDEX, AND SPEED SYMBOL



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FIGURE 5.8
TIRE SHOWING MAX LOAD RATING AND MAX INFLATION PRESSURE



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FIGURE 5.9
TIRE SHOWING CONSTRUCTION



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FIGURE 5.10
TIRE SHOWING SERIAL NUMBER



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FIGURE 5.11
RIM CONTOUR FOR FULL WIDTH OF CROSS SECTION



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FIGURE 5.12
RIM SHOWING MANUFACTURE DATE



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FIGURE 5.13
RIM SHOWING SIZE, MANUFACTURER SYMBOL,
REFERENCE SOURCE, AND DOT SYMBOL



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FIGURE 5.14
RIM SHOWING COUNTRY OF MANUFACTURE



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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
REAR OF VEHICLE SHOWN BALLASTED FOR CARGO



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FIGURE 5.18
VEHICLE ON WEIGHT SCALES

LABORATORY NOTICE OF TEST FAILURE TO OVSC

FMVSS NO.: 110/120 TEST DATE: August 27, 2007

LABORATORY: US DOT San Angelo Test Facility

LABORATORY PROJECT ENGINEER'S NAME: Kenneth H. Yates

TEST SPECIMEN DESCRIPTION: 2007 Chevrolet Colorado pickup truck

NHTSA VEHICLE NUMBER: C70106 VIN: 1GCCS149278249529

MFR: General Motors Corporation

TEST FAILURE DESCRIPTION: Rim date-of-manufacture format does not indicate rim information as required by FMVSS 120, S5.2, and verified by FMVSS 110/120 testing. See photograph of rim, Figure 5.12 in report 110-STF-07-003.

FMVSS REQUIREMENT, PARAGRAPH : S120, S5.2

Each rim shall be marked with "The month, day and year or the month and year of manufacture, expressed either numerically or by use of a symbol, at the option of the manufacturer".

NOTIFICATION TO NHTSA (COTR): Theresa Lacuesta

DATE: August 27, 2007 BY: Kenneth H. Yates

REMARKS: None