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Prepared By: Doris Beke

Approved By: [Signature]

Accepted By: [Signature]

Acceptance Date: 8/26/08
Compliance tests were conducted on the subject 2008 Scion xD five-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 2008 Scion xD five-door 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 2008 Scion xD five-door passenger car. Nomenclatures applicable to the test vehicle are:

A. **Vehicle Identification Number:** JTKKU10468J015848

B. **NHTSA Number:** C85107

C. **Manufacturer:** Toyota Motor Corporation

D. **Manufacture Date:** 11/2007

1.3 TEST DATE

The test vehicle was tested June 26 through July 8, 2008.
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 one tire and rim was photographed.

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 and Maximum Vehicle Load weights. The vehicle maximum load on each wheel was measured. The vehicle tire placard was photographed and checked for compliance to location, format, and information requirements. 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 Scion xD with all requirements tested.
SECTION 3
TEST DATA
DATA SUMMARY SHEET

VEHICLE MAKE/MODEL/BODY STYLE: 2008 Scion xD five-door passenger car

VEHICLE NHTSA NUMBER: C85107  VIN: JTKKU10468J015848


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

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
DATA SHEET 1
TEST VEHICLE INFORMATION/RECEIVING INSPECTION

VEHICLE MAKE/MODEL/BODY STYLE: 2008 Scion xD five-door passenger car

VEHICLE NHTSA NUMBER: C85107  TEST DATE: June 26, 2008


GVWR: 1,635 kg (3,605 lbs)  GAWR(front): 896 kg (1,975 lbs)

GAWR(rear): 826 kg (1,820 lbs)

SEATING POSITIONS:  FRONT 2  MID N/A  REAR 3

ODOMETER READING AT START OF TEST: 27.4 km (17.0 mi)

ENGINE DATA: 4 Cylinders 1.8 Liters  Cubic Inches

TRANSMISSION DATA: X Automatic  Manual  4 No. of Speeds

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

INSTALLED VEHICLE EQUIPMENT:

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

REMARKS: None

RECORDED BY: Jack R. Stewart  DATE: June 26, 2008

APPROVED BY: Kenneth H. Yates
VEHICLE MAKE/MODEL/BODY STYLE: 2008 Scion xD five-door passenger car

VEHICLE NHTSA NUMBER: C85107  VIN: JTKKU10468J015848


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

<table>
<thead>
<tr>
<th>Manufacturer and Model</th>
<th>Right Front</th>
<th>Left Rear</th>
<th>Spare Tire</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bridgestone Turanza EL400</td>
<td></td>
<td></td>
<td>Bridgestone Tracompa-3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tire Size Designation</th>
<th>Right Front</th>
<th>Left Rear</th>
<th>Spare Tire</th>
</tr>
</thead>
<tbody>
<tr>
<td>195/60R16</td>
<td></td>
<td></td>
<td>T135/70D16</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Load Index/Speed Symbol</th>
<th>Right Front</th>
<th>Left Rear</th>
<th>Spare Tire</th>
</tr>
</thead>
<tbody>
<tr>
<td>89H</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Maximum Inflation Pressure</th>
<th>Right Front</th>
<th>Left Rear</th>
<th>Spare Tire</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 kPa (44 psi)</td>
<td></td>
<td></td>
<td>420 kPa (60 psi)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Maximum Load Rating</th>
<th>Right Front</th>
<th>Left Rear</th>
<th>Spare Tire</th>
</tr>
</thead>
<tbody>
<tr>
<td>580 kg (1,279 lbs)</td>
<td></td>
<td></td>
<td>800 kg (1,764 lb)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tread/Traction/Temperature</th>
<th>Right Front</th>
<th>Left Rear</th>
<th>Spare Tire</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 / A / A</td>
<td></td>
<td></td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tires Have “DOT” Markings</th>
<th>Right Front</th>
<th>Left Rear</th>
<th>Spare Tire</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td></td>
<td></td>
<td>Yes</td>
</tr>
</tbody>
</table>

Serial Number:

<table>
<thead>
<tr>
<th>Right Front</th>
<th>Left Front</th>
<th>Right Rear</th>
<th>Left Rear</th>
<th>Spare</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELWVDLN4307</td>
<td>ELWVDLN4307</td>
<td>ELWVDLN4307</td>
<td>ELWVDLN4307</td>
<td>EHJOBEE3807</td>
</tr>
</tbody>
</table>

DATA INDICATES COMPLIANCE: PASS/FAIL: PASS

REMARKS: None

RECORDED BY: Jack R. Stewart  DATE: June 26, 2008

APPROVED BY: Kenneth H. Yates
DATA SHEET 3
VEHICLE RIM IDENTIFICATION

VEHICLE MAKE/MODEL/BODY STYLE: 2008 Scion xD five-door passenger car

VEHICLE NHTSA NUMBER: C85107  VIN: JTKKU10468J015848


Rim Markings (if available):

<table>
<thead>
<tr>
<th>Manufacturer's Name, Symbol or Trademark</th>
<th>Right Front</th>
<th>Left Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rim Size</th>
<th>Right Front</th>
<th>Left Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td>16x6J</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date of Manufacture</th>
<th>Right Front</th>
<th>Left Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 07</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Does Rim contain “DOT” symbol? (YES/NO)</th>
<th>Right Front</th>
<th>Left Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other Rim Markings</th>
<th>Right Front</th>
<th>Left Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td>See Remarks</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rim Inspection Comments</th>
<th>Right Front</th>
<th>Left Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tire Inspection Comments</th>
<th>Right Front</th>
<th>Left Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rim Size</th>
<th>Tire Size</th>
<th>Measured Rim Width</th>
<th>Measured Rim Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Right Front Wheel</td>
<td>195/60R16</td>
<td>6.0 in (15.2 cm)</td>
<td>16.0 in (40.6 cm)</td>
</tr>
<tr>
<td>Left Rear Wheel</td>
<td>195/60R16</td>
<td>6.0 in (15.2 cm)</td>
<td>16.0 in (40.6 cm)</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: 2008 Japan Automobile Tyre Manufacturers Association Yearbook

DATA INDICATES COMPLIANCE: PASS

REMARKS: Lettering height: 5 mm. Refer to Figure 5.13 for additional rim markings.

RECORDED BY: Jack R. Stewart  DATE: June 26, 2008

APPROVED BY: Kenneth H. Yates
**DATA SHEET 4 (1 of 2)**

**VEHICLE PLACARD, AND TIRE INFLATION PRESSURE LABEL**

**VEHICLE MAKE/MODEL/BODY STYLE:** 2008 Scion xD five-door passenger car

**VEHICLE NHTSA NUMBER:** C85107  
**VIN:** JTKKU10468J015848

**LABORATORY:** US DOT San Angelo Test Facility  
**TEST DATE:** June 26, 2008

**Identification of Vehicle Labeling**

<table>
<thead>
<tr>
<th>(Yes/No)</th>
<th>Location</th>
<th>PASS/FAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Certification Label</td>
<td>Yes</td>
<td>Driver’s side B pillar</td>
</tr>
<tr>
<td>2. Vehicle Placard</td>
<td>Yes</td>
<td>Driver’s side B pillar</td>
</tr>
<tr>
<td>3. Tire Inflation Pressure Label</td>
<td>N/A</td>
<td></td>
</tr>
</tbody>
</table>

**Vehicle Placard**

**TIRE AND LOAD INFORMATION**

- **Yellow Text on Black Background**
- **Black Text on Yellow Background**
- **Red Border**

**TIRE AND INFLATION PRESSURE INFORMATION**

- **Yellow Text on Black Background**
- **Black Text on Yellow Background**
- **Optional VIN**

**TIRE AND INFLATION PRESSURE INFORMATION**

- **Yellow Text on Black Background**
- **Black Text on Yellow Background**
- **Optional VIN or barcode**

**FIGURE 1B**

*FIGURE 1B (70 FR 14425)*

**FIGURE 2B**

*FIGURE 2B (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, AND TIRE INFLATION PRESSURE LABEL

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  383 kg  (845 lbs)

Seating Capacity:  Total 5  Front 2  Rear 3

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

Is the tire size and pressure provided?  
( X )YES   (   )NO

Vehicle Placard Tire Information:

Tire size:  Front 195/60R16  Rear 195/60R16

Tire Inflation Pressure:  Front 230 kPa (33 psi)  Rear 230 kPa (33 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:  Vehicle placard wording is duplicated in an additional language.

RECORDED BY:  Jack R. Stewart    DATE:  June 26, 2008

APPROVED BY:  Kenneth H. Yates
DATA SHEET 5 (1 of 4)
CURB WEIGHT, NORMAL LOAD WEIGHT & MAXIMUM VEHICLE WEIGHT

VEHICLE MAKE/MODEL/BODY STYLE: 2008 Scion xD five-door passenger car

VEHICLE NHTSA NUMBER: C85107 VIN: JTKKU10468J015848

LABORATORY: US DOT San Angelo Test Facility TEST DATE: July 8, 2008

Full Fluid Levels: Fuel Full Coolant Full Other Fluids* Full
* Transmission, windshield washer, power steering fluid, battery, & engine oil

Tire Pressures: LF 230.0 kPa (33.4 psi) LR 230.1 kPa (33.4 psi)
RF 230.1 kPa (33.4 psi) RR 230.0 kPa (33.4 psi)

A. MEASURED CURB WEIGHT WITH INSTALLED OPTIONS AND ACCESSORIES

<table>
<thead>
<tr>
<th>Axle</th>
<th>Weight (kg)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF</td>
<td>370</td>
<td>815</td>
</tr>
<tr>
<td>RF</td>
<td>354</td>
<td>781</td>
</tr>
<tr>
<td>LR</td>
<td>235</td>
<td>519</td>
</tr>
<tr>
<td>RR</td>
<td>239</td>
<td>528</td>
</tr>
</tbody>
</table>

Front Axle 724 kg (1,596 lb) Rear Axle 474 kg (1,047 lb)
Total Vehicle 1,198 kg (2,643 lb)

B. MEASURED VEHICLE NORMAL LOAD WEIGHT

(1) Seating Capacity from Vehicle Placard = 5

(2) Normal Load Number of Occupants (Table in Section 10) = 3

Occupant Distribution: Front Seat 2 Second Seat 1

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

(4) Measured Normal Load on Axles:

<table>
<thead>
<tr>
<th>Axle</th>
<th>Weight (kg)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LF</td>
<td>414</td>
<td>913</td>
</tr>
<tr>
<td>RF</td>
<td>401</td>
<td>883</td>
</tr>
<tr>
<td>LR</td>
<td>291</td>
<td>642</td>
</tr>
<tr>
<td>RR</td>
<td>297</td>
<td>654</td>
</tr>
</tbody>
</table>

Front Axle 815 kg (1,796 lb) Rear Axle 588 kg (1,296 lb)
Total Vehicle 1,403 kg (3,092 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 \[\text{measured front axle normal load}/2\] = \[\frac{407 \text{ kg}}{2} = \frac{203 \text{ kg}}{2} \] (898 lbs)
Rear Tires \[\text{measured rear axle normal load}/2\] = \[\frac{294 \text{ kg}}{2} = \frac{147 \text{ kg}}{2} \] (648 lbs)

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

Load rating at recommend cold inflation pressure = 565 kg (1,246 lbs)
94% of load rating = \(\frac{565 \text{ kg}}{1.04} = \frac{531 \text{ kg}}{1.04} \) (1,171 lbs)

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 5 Front 2 Rear 3

(2) Full Occupant Load: 340 kg (750 lbs)
[# of total occupants from C.(1) x 68 KG per occupant]

(3) Measured Vehicle Weight with Full Occupant Load:

LF 429 kg (945 lb) LR 347 kg (764 lb)
RF 412 kg (908 lb) RR 352 kg (776 lb)
Front Axle 841 kg (1,853 lb) Rear Axle 699 kg (1,540 lb)
Total Vehicle 1,540 kg (3,393 lb)
D. MEASURED MAXIMUM VEHICLE LOAD WEIGHT

(1) Vehicle Capacity Weight (from placard): 383 kg (845 lbs)

(2) Full Occupant Load (from C.(2)): 340 kg (750 lbs)

(3) Luggage/Cargo Load (subtract (2) from (1)): 43 kg (95 lbs)

(4) Measured Vehicle Maximum Load on Axles:

<table>
<thead>
<tr>
<th></th>
<th>LF</th>
<th>LR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>425 kg</td>
<td>371 kg</td>
</tr>
<tr>
<td></td>
<td>(938 lb)</td>
<td>(818 lb)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>RF</th>
<th>RR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>410 kg</td>
<td>376 kg</td>
</tr>
<tr>
<td></td>
<td>(904 lb)</td>
<td>(828 lb)</td>
</tr>
</tbody>
</table>

Front Axle 835 kg (1,842 lb) Rear Axle 747 kg (1,646 lb)

Total Vehicle 1,582 kg (3,488 lb)

(5) Calculated Vehicle Maximum Load on the Tire:

Front Tires [measured front axle maximum load/2] = 418 kg (921 lbs)
Rear Tires [measured rear axle maximum load/2] = 373 kg (823 lbs)

(6) Tire Sidewall Maximum Load Ratings:

<table>
<thead>
<tr>
<th></th>
<th>Front</th>
<th>Rear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>195/60R16</td>
<td>195/60R16</td>
</tr>
<tr>
<td>Rating</td>
<td>580 kg (1,279 lbs)</td>
<td>580 kg (1,279 lbs)</td>
</tr>
</tbody>
</table>

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

\[D.(5)<D.(6)]\]

<table>
<thead>
<tr>
<th></th>
<th>Front Tires</th>
<th>Rear Tires</th>
</tr>
</thead>
<tbody>
<tr>
<td>PASS/FAIL</td>
<td>PASS</td>
<td>PASS</td>
</tr>
</tbody>
</table>
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>195/60R16</td>
<td>195/60R16</td>
</tr>
<tr>
<td>Labeled Cold Inflation Pressure</td>
<td>230 kPa (33 psi)</td>
<td>230 kPa (33 psi)</td>
</tr>
<tr>
<td>Load Rating at This Pressure*</td>
<td>565 kg (1,246 lbs)</td>
<td>565 kg (1,246 lbs)</td>
</tr>
</tbody>
</table>

*Reference used to obtain Load Rating: 2008 Japan Automobile Tyre Manufacturers 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: Jack R. Stewart
DATE: July 8, 2008
APPROVED BY: Kenneth H. Yates
### 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>169-174</td>
</tr>
<tr>
<td>(4)(ii)</td>
<td>(A) Description and explanation of recommended cold tire inflation pressure.</td>
<td>Yes</td>
<td>250-251</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>250</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>251</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>250-251</td>
</tr>
<tr>
<td>(4)(iii)</td>
<td>Glossary of tire terminology, including “cold tire pressure,” maximum inflation pressure, “recommended inflation pressure,” and all non-technical terms defined in S3 of FMVSS 110 &amp; 139.</td>
<td>Yes</td>
<td>176-181</td>
</tr>
<tr>
<td>(4)(vi)</td>
<td>Tire care, including maintenance and safety practices.</td>
<td>Yes</td>
<td>250-255</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>183</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>182-186</td>
</tr>
<tr>
<td></td>
<td>(C) Description and explanation for determining compatibility of tire and vehicle load capabilities.</td>
<td>Yes</td>
<td>253</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>183</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: Jack R. Stewart DATE: June 26, 2008
APPROVED BY: Kenneth H. Yates
<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>8/14/2007</td>
<td>8/14/2008</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>11/12/2007</td>
<td>11/12/2008</td>
</tr>
<tr>
<td>FLOOR SCALES (VEHICLE)</td>
<td>INTERCOMP SW DELUXE SCALES</td>
<td>PART #100156 SERIAL #27032382</td>
<td>8/14/2007</td>
<td>8/14/2008</td>
</tr>
</tbody>
</table>
SECTION 5
PHOTOGRAPHS
2008 SCION XD
NHTSA NO. C85107
FMVSS 110

FIGURE 5.1
¾ FRONTAL VIEW FROM LEFT SIDE OF VEHICLE
MFD. BY: TOYOTA MOTOR CORPORATION 11/07
GVWR 3605LB GAWR FR 1975LB RR 1820LB
THIS VEHICLE CONFORMS TO ALL APPLICABLE
FEDERAL MOTOR VEHICLE SAFETY, BUMPER, AND
THEFT PREVENTION STANDARDS IN EFFECT ON
THE DATE OF MANUFACTURE ShOWN ABOVE.
JTKKU10468J015848 PASS. CAR
C/TR: 209/FB10 ZSP11OL-AHPRKA
A/TM: -02A/U341E MADE IN JAPAN 304 A

2008 SCION XD
NHTSA NO. C85107
FMVSS 110

FIGURE 5.3
VEHICLE CERTIFICATION LABEL
**TIRE AND LOADING INFORMATION**

**SEATING CAPACITY:** TOTAL 5

**FRONT 2:** REAR 3

The combined weight of occupants and cargo should never exceed 383 kg or 845 lbs.

<table>
<thead>
<tr>
<th>TIRE</th>
<th>SIZE</th>
<th>COLD TIRE PRESSURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRONT</td>
<td>195/60R16</td>
<td>230kPa, 33PSI</td>
</tr>
<tr>
<td>REAR</td>
<td>195/60R16</td>
<td>230kPa, 33PSI</td>
</tr>
<tr>
<td>SPARE</td>
<td>T135/70D16</td>
<td>420kPa, 60PSI</td>
</tr>
</tbody>
</table>

**INFORMATION SUR ON LES PNEUS ET LE CHARGEMENT**

**NOMBRE DE PLACES ASSISES:** TOTAL 5

**AVANT 2:** ARRIÈRE 3

Le poids total des occupants et du chargement ne doit jamais être supérieur à 383 kg ou 845 lb.

<table>
<thead>
<tr>
<th>PNEUS</th>
<th>DIMENSION</th>
<th>PRESSION DE GONFLAGE À FROID</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVANT</td>
<td>195/60R16</td>
<td>230kPa, 33PSI</td>
</tr>
<tr>
<td>ARRIÈRE</td>
<td>195/60R16</td>
<td>230kPa, 33PSI</td>
</tr>
<tr>
<td>SECOURS</td>
<td>T135/70D16</td>
<td>420kPa, 60PSI</td>
</tr>
</tbody>
</table>

**SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION.**

**FMVSS 110**

**NHTSA NO. C85107 VEHICLE PLACARD**

2008 SCION XD

FIGURE 5.4 VEHICLE PLACARD
2008 SCION XD
NHTSA NO. C85107
FMVSS 110

FIGURE 5.5
TIRE SHOWING BRAND
2008 SCION XD
NHTSA NO. C85107
FMVSS 110

FIGURE 5.6
TIRE SHOWING MODEL
FIGURE 5.7

TIRE SHOWING SIZE, LOAD INDEX, AND SPEED SYMBOL
FIGURE 5.8
TIRE SHOWING CONSTRUCTION

FLIES: TREAD 2 STEEL + 1 POLYESTER + 1 NYLON
SIDEWALL 1 POLYESTER
MAX. LOAD 580 kg (1279 LBS)
@ 300 kPa (44 PSI) MAX. PRESS.
2008 SCION XD
NHTSA NO. C85107
FMVSS 110

FIGURE 5.11
RIM CONTOUR FOR FULL WIDTH OF CROSS SECTION
FIGURE 5.12
RIM SHOWING LETTER DESIGNATION FOR SOURCE OF PUBLISHED DIMENSIONS, SIZE, DOT SYMBOL, MANUFACTURER’S SYMBOL, AND DATE OF MANUFACTURE
2008 SCION XD
NHTSA NO. C85107
FMVSS 110

FIGURE 5.14
VEHICLE FRONT SEAT BALLASTED FOR
NORMAL AND MAXIMUM LOADS
FIGURE 5.15
VEHICLE REAR SEAT BALLASTED
FOR NORMAL LOAD
FIGURE 5.16
VEHICLE REAR SEAT BALLASTED
FOR MAXIMUM LOAD
FIGURE 5.17
REAR OF VEHICLE SHOWN
BALLASTED FOR MAXIMUM LOAD