REPORT NUMBER 110-STF-20-001

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

## TOYOTA MOTOR CORPORATION
## 2020 TOYOTA COROLLA LE
## FOUR-DOOR PASSENGER CAR
## NHTSA NO. C20205101

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

**September 25, 2019**

**FINAL REPORT**

**PREPARED FOR**

**U. S. DEPARTMENT OF TRANSPORTATION**
**NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION**
**ENFORCEMENT**
**NEF-220**
**OFFICE OF VEHICLE SAFETY COMPLIANCE**
**1200 NEW JERSEY AVENUE, SE**
**WASHINGTON, D.C. 20590**

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Technical Report Documentation Page

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| 15. Supplementary Notes | | |
| 16. Abstract<br>Compliance tests were conducted on the subject 2020 Toyota Corolla LE in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP-110P-04 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 2020 Toyota Corolla LE four-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-04, dated September 28, 2012.

## 1.2 TEST VEHICLE

The test vehicle was a 2020 Toyota Corolla LE four-door passenger car. Nomenclatures applicable to the test vehicle are:

A. Vehicle Identification Number: JTDEPRAE9LJ058719

B. NHTSA Number: C20205101

C. Manufacturer: Toyota Motor Corporation

D. Manufacture Date: 07/2019

## 1.3 TEST DATE

The test vehicle was tested September 19 through September 23, 2019.

# 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 was recorded. 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 weight, 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 tires and rims labeled and installed on the vehicle were verified to be appropriate for the loading and load ratings of the vehicle. The owner's manual was checked for all required information on placard, tire loading, and general tire and loading parameters. Rim retention testing was not performed on the Toyota Corolla LE.

## 2.2 SUMMARY OF RESULTS

The 2020 Toyota Corolla LE test vehicle appears to be in compliance with the FMVSS 110 requirements tested.

SECTION 3

TEST DATA

## DATA SUMMARY SHEET

VEHICLE MAKE/MODEL/BODY STYLE: 2020 Toyota Corolla LE Sedan

VEHICLE NHTSA NUMBER: C20205101 VIN: JTDEPRAE9LJ058719

VEHICLE TYPE: Passenger car DATE OF MANUFACTURE: 07/2019

LABORATORY: U.S. 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)) | **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** |

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

**TEST VEHICLE INFORMATION/RECEIVING INSPECTION**
**DATA SHEET 1**

VEHICLE MAKE/MODEL/BODY STYLE: 2020 Toyota Corolla LE Sedan

VEHICLE NHTSA NUMBER: C20205101 TEST DATE: September 19, 2019

VIN: JTDEPRAE9LJ058719 MANUFACTURE DATE: 07/2019

GVWR: (1,785 kg), 3,935 lbs. GAWR(front): (1,050 kg), 2,315 lbs.

GAWR(rear): (971 kg), 2,140 lbs.

SEATING POSITIONS: TOTAL 5 FRONT 2 REAR 3

ODOMETER READING AT START OF TEST: 23 km (14 mi)

ENGINE DATA: 4 Cylinders 1.8 Liters ____ Cubic Inches

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

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

INSTALLED VEHICLE EQUIPMENT:

| | | | | | |
|---|---|---|---|---|---|
| X | Power Windows | | Blind Spot Monitoring | | Grill Upgrade |
| X | Power Door Locks | | Running Boards | | Block Heater |
| X | Power Seat(s) | | Heated Mirrors | X | Backup Camera |
| | Navigation System | X | Floor/Trunk Mats | | Remote Start |
| | Satellite Radio | | Spoiler Kit | | Other: |
| | Sun Roof or T-Top | | Heated/Cooled Seats | | |
| X | Cruise Control | | Cargo Net/Luggage Compartment Cover | | |
| | Splash Guards | | Upgraded Wheel Package | | |
| | Roof Rack | | Trailer Hitch/Tow Package | | |

Does vehicle labeling identify optional and accessory equipment installed by the distributor and/or dealer: ( ) YES ( X ) NO

REMARKS: None

RECORDED BY: Anthony Walden and Tommy Oliver DATE: September 19, 2019

APPROVED BY: Kerrin Bressant

**VEHICLE TIRE IDENTIFICATION**
**DATA SHEET 2**

VEHICLE MAKE/MODEL/BODY STYLE: 2020 Toyota Corolla LE Sedan

VEHICLE NHTSA NUMBER: C20205101 VIN: JTDEPRAE9LJ058719

LABORATORY: U.S. DOT San Angelo Test Facility TEST DATE: September 19, 2019

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 ( ) N/A

| **Tire Sidewall** | **Right Front** | **Left Rear** (If different) | **Spare Tire** (If different) |
|---|---|---|---|
| Manufacturer and Model | Dunlop Enasave 01 A/S | | Falken FK-090 |
| Tire Size Designation | 205/55R16 | | T125/70D17 |
| Load Index/Speed Symbol | 91 H | | 98 M |
| Maximum Inflation Pressure | 350 kPa, 51 psi | | 420 kPa, 60 psi |
| Maximum Load Rating | 615 kg, 1,356 lbs. | | 750 kg, 1,653 lbs. |
| Tread/Traction/Temperature | 340 / B / A | | N/A |
| Tires Have "DOT" Markings | Yes | | Yes |

DOT Number: Right Front EU8K3MMR2419 Left Front EU8K3MMR2419

Right Rear EU8K3MMR2519 Left Rear EU8K3MMR2519

Spare 7TX8KA1P1519

DATA INDICATES COMPLIANCE: **PASS/FAIL:** PASS

REMARKS: None

RECORDED BY: Anthony Walden & Tommy Oliver DATE: September 19, 2019

APPROVED BY: Kerrin Bressant

**VEHICLE RIM IDENTIFICATION**
**DATA SHEET 3**

VEHICLE MAKE/MODEL/BODY STYLE: 2020 Toyota Corolla LE Sedan

VEHICLE NHTSA NUMBER: C20205101 VIN: JTDEPRAE9LJ058719

LABORATORY: U.S. DOT San Angelo Test Facility TEST DATE: September 19, 2019

| **Rim Markings (if available):** | **Right Front** | **Left Rear** (if different) |
|---|---|---|
| Manufacturer's Name, Symbol or Trademark |  | |
| Rim Size |  | |
| Date of Manufacture |  | |
| Does Rim contain 'DOT' symbol? (YES/NO) | Yes | |
| Other Rim Markings | See Figure 5.13 | |
| Rim Inspection Comments: | None | |

**Rim Size:**

| | Tire Size | Measured Rim Width | Measured Rim Diameter |
|---|---|---|---|
| Right Front Wheel | 205/55R16 | 177.8 mm (7.0 in) | 406.4 mm (16.0 in) |
| Left Rear Wheel (if different) | | | |

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: 2019 Japan Automobile Tire Manufacturers Association, Inc.

DATA INDICATES COMPLIANCE: **PASS/FAIL:** PASS

REMARKS: None

RECORDED BY: Anthony Walden & Tommy Oliver DATE: September 19, 2019

APPROVED BY: Kerrin Bressant

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

VEHICLE MAKE/MODEL/BODY STYLE: 2020 Toyota Corolla LE Sedan

VEHICLE NHTSA NUMBER: C20205101 VIN: JTDEPRAE9LJ058719

LABORATORY: U.S. DOT San Angelo Test Facility TEST DATE: September 19, 2019

**Identification of Vehicle Labeling**

| | Yes/No | Location | PASS/FAIL |
|---|---|---|---|
| 1. Monroney Label | Yes | Included, but not affixed | Not Applicable |
| 2. Certification Label* | Yes | Driver side B Pillar | Not Applicable |
| 3. Alterer's Label (if attached) | No | | Not Applicable |
| 4. Vehicle Placard* | Yes | Driver side B Pillar | PASS |
| 5. Tire Inflation Pressure Label* (if attached) | No | | |
| 6. Load Carrying Capacity Modification Label* (if attached) | Yes | Driver side B Pillar | PASS |
| 7. Dealer/Distributor Optional Equipment Added Label (if attached) | No | | Not Applicable |

* Labels must be located as specified in section 13.4 of test procedure.

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

### Vehicle Placard

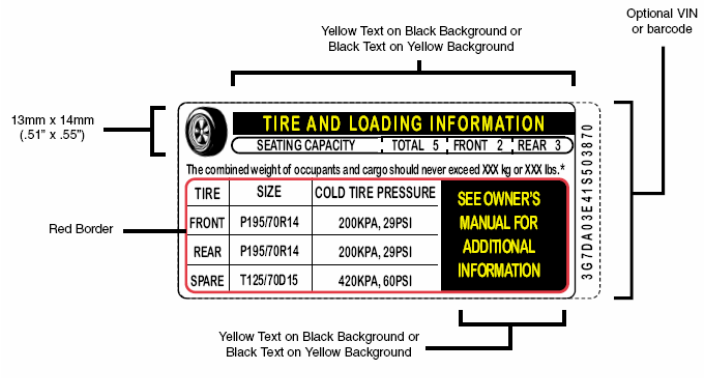



**FIGURE 1**
**(70 FR 14425)**

**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 375 kg

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, AND TIRE INFLATION PRESSURE LABEL**
**DATA SHEET 4 (3 of 3)**

**Vehicle Placard Tire Information:**

| | Front | Rear |
|---|---|---|
| Tire size: | 205/55R16 | 205/55R16 |
| Tire Inflation Pressure: | 240 kPa, 35 psi | 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

**Vehicle Certification Label information:**

| | Tire Size | Rim Size Designation | Rim Suitable for Tire? |
|---|---|---|---|
| Front Axle | N/A | N/A | N/A |
| Rear Axle | N/A | N/A | N/A |

**Monroney Label Information:**

Tire Size: Front P205/55R16 Rear P205/55R16

Installed tire sizes same as labeled tire sizes? ( X ) YES ( ) NO ( ) N/A

DATA INDICATES COMPLIANCE: **PASS/FAIL:** PASS

REMARKS: None

RECORDED BY: Anthony Walden & Tommy Oliver DATE: September 19, 2019

APPROVED BY: Kerrin Bressant

**CURB WEIGHT, NORMAL, AND FULL LOAD WEIGHTS**
**AND FOR MAXIMUM VEHICLE WEIGHT**
**DATA SHEET 5 (1 of 4)**

VEHICLE MAKE/MODEL/BODY STYLE: 2020 Toyota Corolla LE Sedan

VEHICLE NHTSA NUMBER: C20205101 VIN: JTDEPRAE9LJ058719

LABORATORY: U.S. DOT San Angelo Test Facility TEST DATE: September 23, 2019

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

*Engine oil, transmission oil, engine coolant, brake fluid, power steering fluid, & windshield washer fluid

Tire Pressures: LF 240 kPa LR 230 kPa
RF 240 kPa RR 230 kPa

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

| | Front Axle | Rear Axle |
|---|---|---|
| Labeled tire size | 205/55R16 | 205/55R16 |
| Labeled cold inflation pressure | 240 kPa | 230 kPa |
| Load rating at this pressure* | 595 kg | 575 kg |

*Reference source: 2019 Japan Automobile Tire Manufacturers Association, Inc.

## A. MEASURED CURB WEIGHT WITH INSTALLED OPTIONS AND ACCESSORIES

LF 398.0 kg LR 271.5 kg
RF 400.0 kg RR 258.0 kg

Front Axle 798.0 kg Rear Axle 529.5 kg

Total Vehicle 1,327.5 kg

**CURB WEIGHT, NORMAL, AND FULL LOAD WEIGHTS**
**AND FOR MAXIMUM VEHICLE WEIGHT**
**DATA SHEET 5 (2 of 4)**

## B. MEASURED VEHICLE NORMAL LOAD WEIGHT

(1) Seating Capacity from Vehicle Placard = Total 5 Front 2 Rear 3

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

Occupant Distribution: Front Seat 2 Rear Seat 1

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

(4) Measured Normal Load on Axles:

| | | | |
|---|---|---|---|
| LF | 444.5 kg | LR | 326.0 kg |
| RF | 445.0 kg | RR | 316.0 kg |
| Front Axle | 889.5 kg | Rear Axle | 642.0 kg |

Total Vehicle 1,531.5 kg

(5) Calculated Vehicle Normal Load on the Tire:

Front Tires [measured front axle normal load/2] = 444.75 kg
Rear Tires [measured rear axle normal load/2] = 321.00 kg

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

| | Front Axle | Rear Axle |
|---|---|---|
| Load rating at recommend cold inflation pressure = | 595 kg | 575 kg |
| 94% of load rating = | 559 kg | 541 kg |

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 |

**CURB WEIGHT, NORMAL, AND FULL LOAD WEIGHTS**
**AND FOR MAXIMUM VEHICLE WEIGHT**
**DATA SHEET 5 (3 of 4)**

## 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
[# of total occupants from C.(1) x 68 KG per occupant]

(3) Measured Vehicle Weight with Full Occupant Load:

| | | | |
|---|---|---|---|
| LF | 459.0 kg | LR | 380.0 kg |
| RF | 461.0 kg | RR | 367.5 kg |
| Front Axle | 920.0 kg | Rear Axle | 747.5 kg |

Total Vehicle 1,667.5 kg

## D. MEASURED MAXIMUM VEHICLE LOAD WEIGHT

(1) Vehicle Capacity Weight (from placard): 375 kg

(2) Reduced Capacity Weight (if applicable)
(from Load Carrying Capacity Modification Label) 7 kg

(3) Reduced Vehicle Capacity Weight
(subtract (2) from (1)) 368 kg

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

(5) Luggage/Cargo Load (subtract (4) from (3)): 28 kg

(6) Measured Vehicle Maximum Load on Axles:

| | | | |
|---|---|---|---|
| LF | 456.5 kg | LR | 396.0 kg |
| RF | 459.5 kg | RR | 383.5 kg |
| Front Axle | 916.0 kg | Rear Axle | 779.5 kg |

Total Vehicle 1,695.5 kg

**CURB WEIGHT, NORMAL, AND FULL LOAD WEIGHTS**
**AND FOR MAXIMUM VEHICLE WEIGHT**
**DATA SHEET 5 (4 of 4)**

(7) Calculated Vehicle Maximum Load on the Tire:

Front Tires [measured front axle maximum load/2] = 458.00 kg

Rear Tires [measured rear axle maximum load/2] = 376.25 kg

Tire Sidewall Maximum Load Ratings:

| (8) | Front | Rear |
|---|---|---|
| Installed Tire Size | 205/55R16 | 205/55R16 |
| Max. Load Rating on Sidewall | 615 kg | 615 kg |

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

| | | **PASS/FAIL** |
|---|---|---|
| [D.(7)<D.(8)] | Front Tires | PASS |
| | Rear Tires | PASS |

DATA INDICATES COMPLIANCE: **PASS/FAIL:** PASS

REMARKS: None

RECORDED BY: Anthony Walden and Tommy Oliver DATE: September 23, 2019

APPROVED BY: Kerrin Bressant

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

VEHICLE MAKE/MODEL/BODY STYLE: 2020 Toyota Corolla LE Sedan

VEHICLE NHTSA NUMBER: C20205101 VIN: JTDEPRAE9LJ058719

LABORATORY: U.S. DOT San Angelo Test Facility TEST DATE: September 19, 2019

**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 | 537 - 541 |
| (4)(ii) | (A) Description and explanation of recommended cold tire inflation pressure. | Yes | 453, 454 |
| | (B) Description and explanation of FMVSS NO. 110 Vehicle Placard and Tire Inflation Pressure Label and their location(s). | Yes | 453 |
| | (C) Description and explanation of adverse safety consequences of under-inflation including tire failure. | Yes | 453, 454 |
| | (D) Description and explanation for measuring and adjusting air pressure to achieve proper inflation. | Yes | 453 |
| (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 NO. 110 & 139. | Yes | 541 - 547 |
| (4)(iv) | Tire care, including maintenance and safety practices. | Yes | 444 - 454 |
| (4)(v) | (A) Description and explanation of locating and understanding load limit information, total load capacity, seating capacity, towing capacity, and cargo capacity. | Yes | 145, 524 |
| | (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 | 142 - 145 |
| | (C) Description and explanation for determining compatibility of tire and vehicle load capabilities. | Yes | 445, 537 |
| | (D) Description and explanation of adverse safety consequences of overloading on handling and stopping and on tires. | Yes | 145 |

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

**The following verbatim statement, in the English language, is provided verbatim in the Owner's Manual. Reference Part 575.6(a)(5) YES ( X ) NO ( )**

**Pages: 142-143**

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 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: Anthony L. Walden & Tommy Oliver DATE: September 19, 2019

APPROVED BY: Kerrin Bressant

## SECTION 4

## TEST EQUIPMENT LIST AND CALIBRATION INFORMATION

| EQUIPMENT | DESCRIPTION | MODEL/ SERIAL NO | CAL. DATE | NEXT CAL. DATE |
|---|---|---|---|---|
| FLOOR SCALES (VEHICLE & BALLAST) | INTERCOMP SW DELUXE SCALES | PART #100156 SERIAL #27032382-23746 | 10/25/2018 | 10/25/2019 |
| AIR PRESSURE GAUGE | ASHCROFT GENERAL PURPOSE DIGITAL GAUGE | MODEL DG25, SERIAL #3093017001 | 12/13/2018 | 12/13/2019 |
| DIGITAL LEVEL | STABIL A TYPE 196-2E 48 | SERIAL #37948 | 11/15/2018 | 11/15/2019 |

SECTION 5

PHOTOGRAPHS



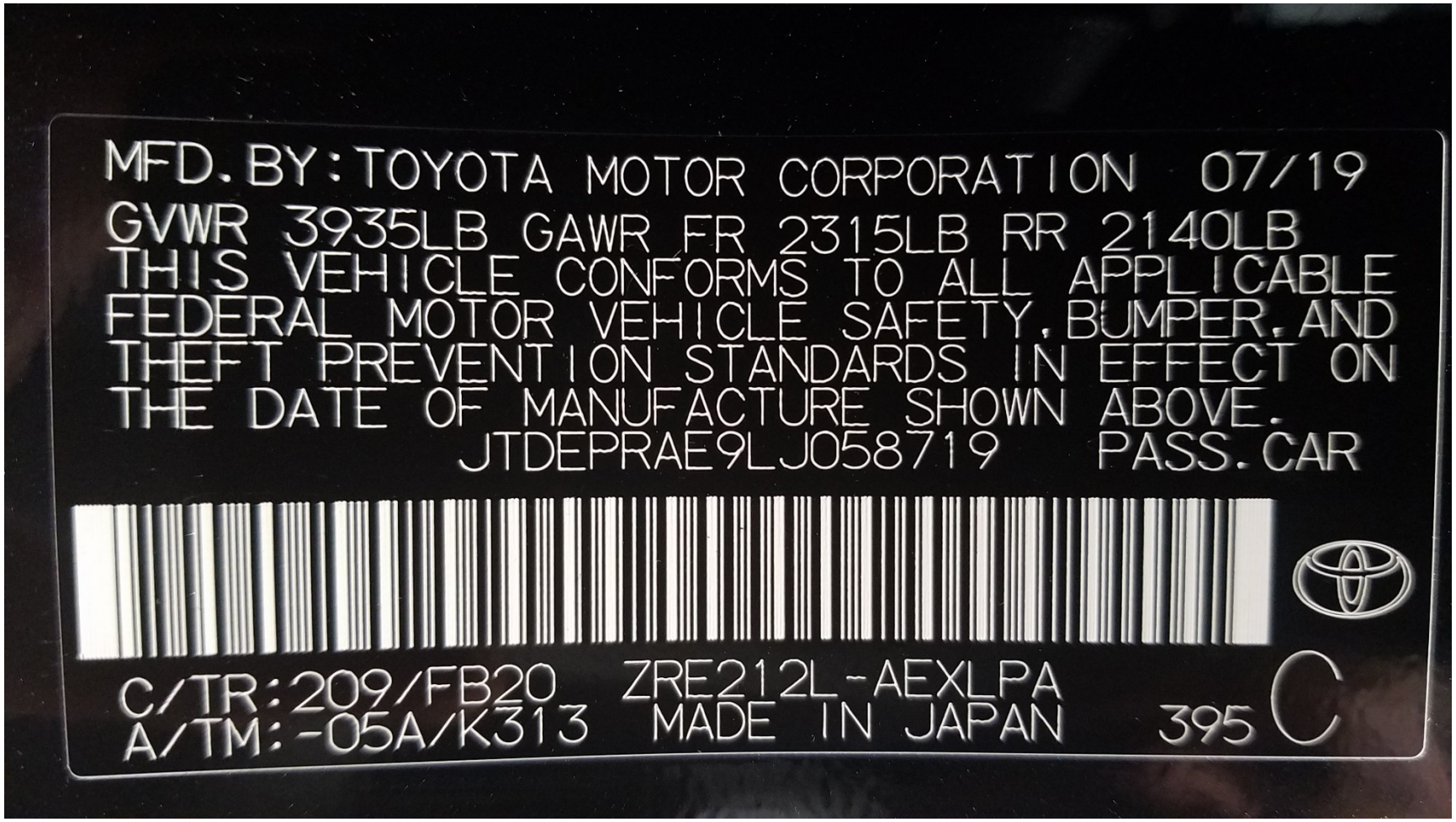
2020 Toyota Corolla LE
NHTSA NO. C20205101
FMVSS NO. 110

FIGURE 5.1
¾ FRONT VIEW FROM LEFT SIDE OF VEHICLE



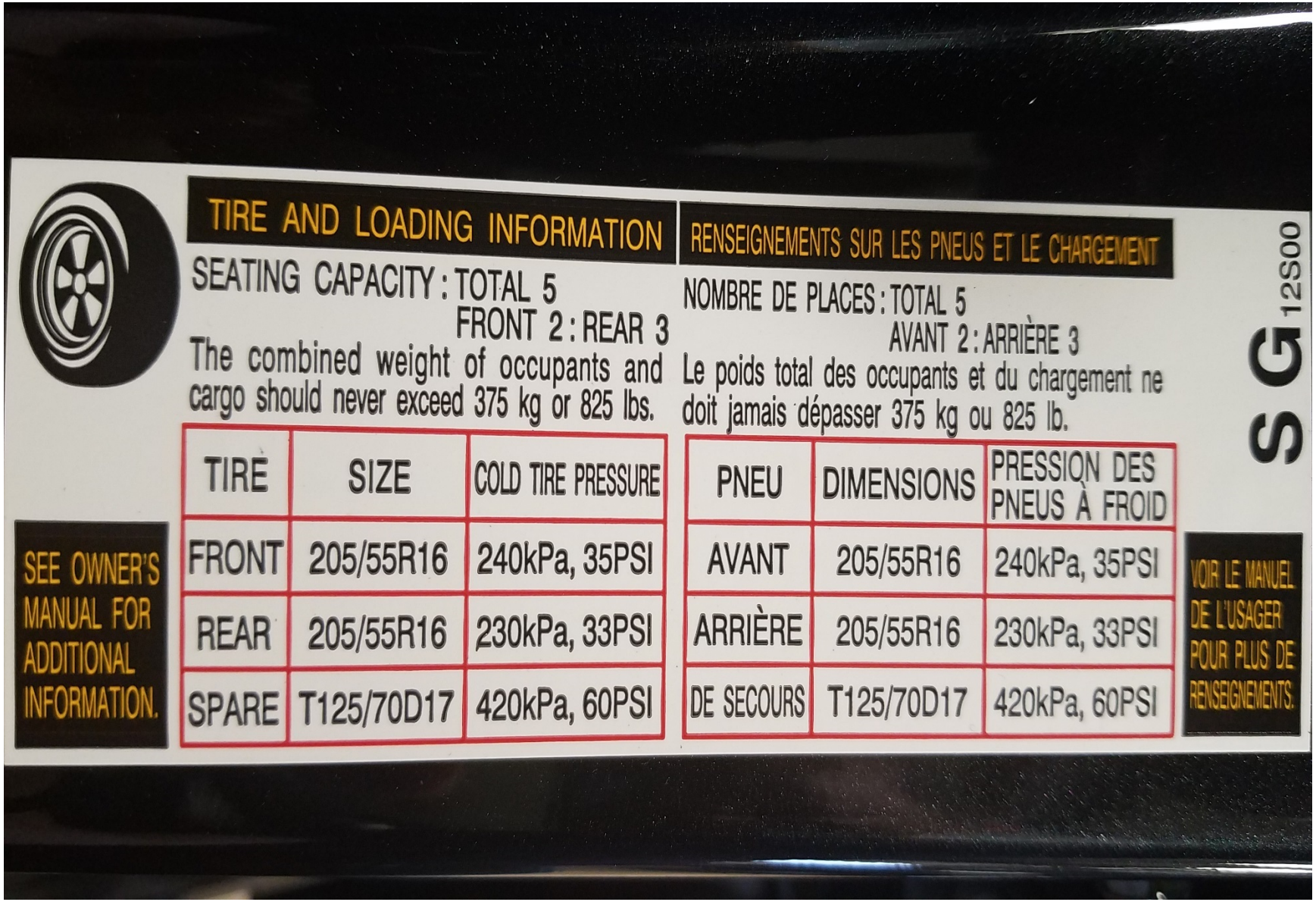
2020 Toyota Corolla LE
NHTSA NO. C20205101
FMVSS NO. 110

FIGURE 5.2
¾ REAR VIEW FROM RIGHT SIDE OF VEHICLE




2020 Toyota Corolla LE
NHTSA NO. C20205101
FMVSS NO. 110

FIGURE 5.3
VEHICLE CERTIFICATION LABEL



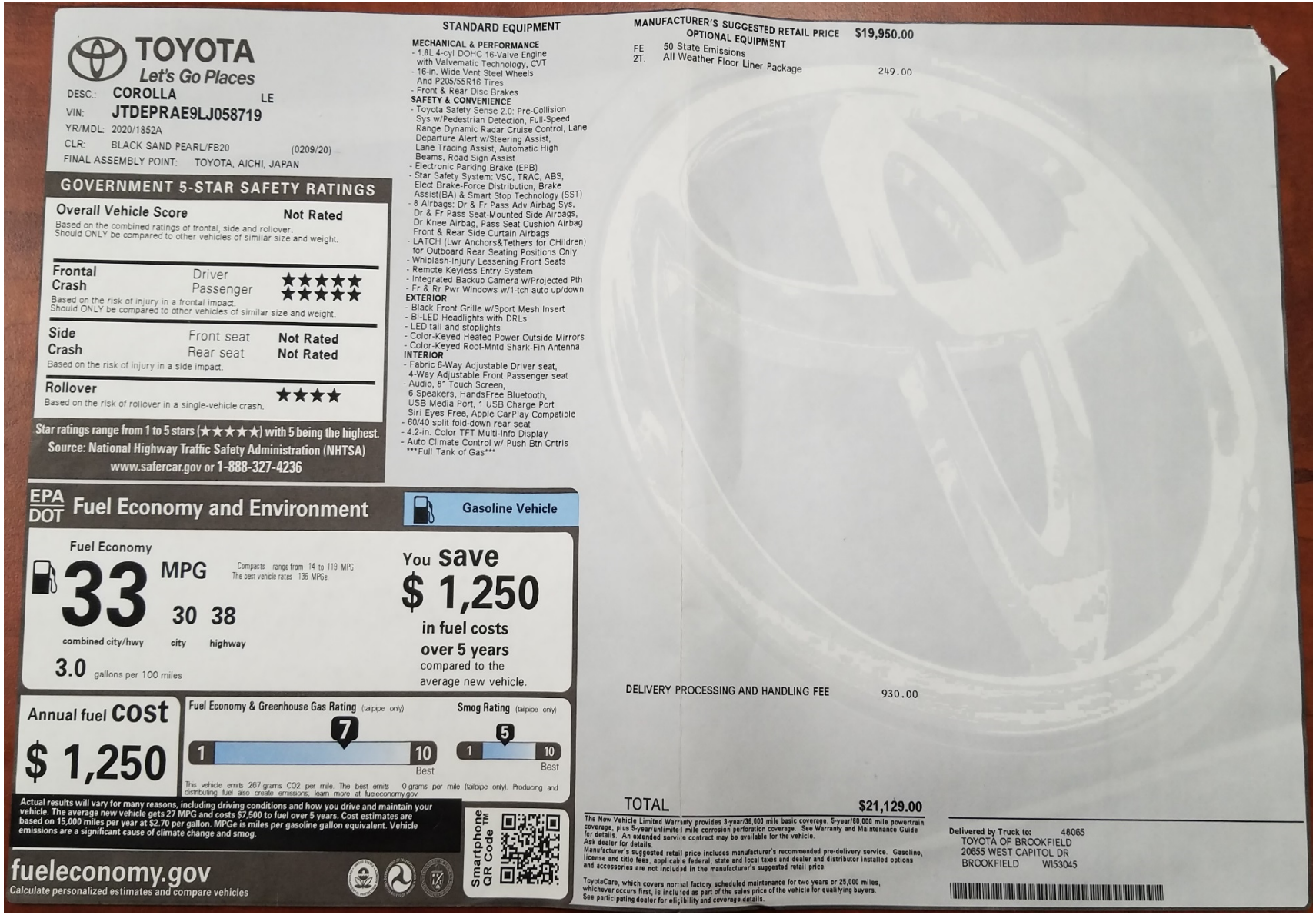

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FIGURE 5.4
VEHICLE PLACARD




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FIGURE 5.5
LOAD CARRYING CAPACITY MODIFICATION LABEL




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FIGURE 5.6
VEHICLE MONRONEY LABEL




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FIGURE 5.7
TIRE SHOWING BRAND




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FIGURE 5.8
TIRE SHOWING MODEL




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FIGURE 5.9
TIRE SHOWING SIZE, LOAD INDEX, AND SPEED SYMBOL




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FIGURE 5.10
TIRE SHOWING MAX LOAD RATING AND MAX INFLATION PRESSURE




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FIGURE 5.11
TIRE SHOWING DOT NUMBER




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FIGURE 5.12
RIM SHOWING RIM CONTOUR FOR
FULL WIDTH OF CROSS SECTION




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FIGURE 5.13
RIGHT FRONT RIM SHOWING RIM SIZE, MANUFACTURER, DATE OF MANUFACTURE, AND OTHER RIM MARKINGS







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FIGURE 5.14
VEHICLE FRONT SEATS BALLASTED FOR
NORMAL, FULL, AND MAXIMUM LOADS




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FIGURE 5.15
VEHICLE REAR SEAT
BALLASTED FOR NORMAL LOAD




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FIGURE 5.16
VEHICLE REAR SEAT BALLASTED FOR
FULL AND MAXIMUM LOADS




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FIGURE 5.17
VEHICLE TRUNK
BALLASTED FOR MAXIMUM LOAD



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FIGURE 5.18
VEHICLE ON WEIGHT SCALES