REPORT NUMBER 110-STF-09-002

SAFETY COMPLIANCE TESTING FOR FMVSS 110 TIRE SELECTION AND RIMS

HONDA MOTOR COMPANY, LTD.
2009 HONDA FIT
FIVE-DOOR PASSENGER CAR
NHTSA NO. C95302

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

February 18, 2009

FINAL REPORT

PREPARED FOR

U. S. DEPARTMENT OF TRANSPORTATION
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
ENFORCEMENT
OFFICE OF VEHICLE SAFETY COMPLIANCE
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WASHINGTON, D.C. 20590

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Technical Report Documentation Page

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15. Supplementary Notes		
16. Abstract Compliance tests were conducted on the subject 2009 Honda Fit 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: Owner's manual did not include a glossary of tire terminology as required by 49 CFR Part 575.6(a)(4)(iii).		
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SECTION 1

INTRODUCTION

1.1 PURPOSE OF COMPLIANCE TEST

A 2009 Honda Fit 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 2009 Honda Fit five-door passenger car. Nomenclatures applicable to the test vehicle are:

A. Vehicle Identification Number: JHMGE87229S021972

B. NHTSA Number: C95302

C. Manufacturer: Honda Motor Company, Ltd.

D. Manufacture Date: 10/2008

1.3 TEST DATE

The test vehicle was tested January 21 through January 26, 2009.

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 and Maximum Vehicle Load weights. The owner's manual was checked for all required information on placard, tire loading, and vehicle loading parameters.

2.2 SUMMARY OF RESULTS

The Honda Fit appears to comply with all FMVSS 110 requirements.

The owner's manual did not include a glossary of tire terminology as required by 49 CFR Part 575.6, Consumer Information (575.6(a)(4)(iii)). The manufacturer has been notified.

SECTION 3

TEST DATA

DATA SUMMARY SHEET

VEHICLE MAKE/MODEL/BODY STYLE: 2009 Honda Fit five-door passenger car

VEHICLE NHTSA NUMBER: C95302 VIN: JHMGE87229S021972

VEHICLE TYPE: passenger car DATE OF MANUFACTURE: 10/2008

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))	**FAIL**
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: 2009 Honda Fit five-door passenger car

VEHICLE NHTSA NUMBER: C95302 TEST DATE: January 21, 2009

VIN: JHMGE87229S021972 MANUFACTURE DATE: 10/2008

GVWR: 1,594 kg (3,512 lb) GAWR(front): 872 kg (1,921 lb)

GAWR(rear): 735 kg (1,619 lb)

SEATING POSITIONS: FRONT 2 MID N/A REAR 3

ODOMETER READING AT START OF TEST: 270 km (168 mi)

ENGINE DATA: 4 Cylinders 1.5 Liters _____ Cubic Inches

TRANSMISSION DATA: _____ Automatic X Manual 5 No. of Speeds

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

INSTALLED VEHICLE EQUIPMENT:

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

REMARKS: None

RECORDED BY: Jack R. Stewart DATE: January 21, 2009

APPROVED BY: Kenneth H. Yates

DATA SHEET 2
VEHICLE TIRE IDENTIFICATION

VEHICLE MAKE/MODEL/BODY STYLE: 2009 Honda Fit five-door passenger car

VEHICLE NHTSA NUMBER: C95302 VIN: JHMGE87229S021972

LABORATORY: US DOT San Angelo Test Facility TEST DATE: January 21, 2009

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	Dunlop SP31 A/S		Bridgestone Tracompa-3
Tire Size Designation	175/65R15		T125/70D15
Load Index/Speed Symbol	84S		95M
Maximum Inflation Pressure	300 kPa (44 psi)		420 kPa (60 psi)
Maximum Load Rating	500 kg (1,102 lb)		690 kg (1,521 lb)
Tread/Traction/Temperature	320/A/B		N/A
Tires Have "DOT" Markings	Yes		Yes

Serial Number: Right Front EUYU2KNR4208 Left Front EUYU2KNR4208

Right Rear EUYU2KNR4208 Left Rear EUYU2KNR4208

Spare EHMNBEE3908

DATA INDICATES COMPLIANCE: PASS/FAIL: PASS

REMARKS: None

RECORDED BY: Jack R. Stewart DATE: January 21, 2009

APPROVED BY: Kenneth H. Yates

DATA SHEET 3
VEHICLE RIM IDENTIFICATION

VEHICLE MAKE/MODEL/BODY STYLE: 2009 Honda Fit five-door passenger car

VEHICLE NHTSA NUMBER: C95302 VIN: JHMGE87229S021972

LABORATORY: US DOT San Angelo Test Facility TEST DATE: January 21, 2009

Rim Markings (if available):	**Right Front**	**Left Rear**
Manufacturer's Name, Symbol or Trademark		
Rim Size	15X5½ J	15X5½ J
Date of Manufacture	10 08	10 08
Does Rim contain "DOT" symbol? (YES/NO)	Yes	Yes
Other Rim Markings	See page 28	See page 29
Rim Inspection Comments:	None	

Rim Size:	**Tire Size**	**Measured Rim Width**	**Measured Rim Diameter**
Right Front Wheel	175/65R15	5.5 in (14.0 cm)	15.0 in (38.1 cm)
Left Rear Wheel	175/65R15	5.5 in (14.0 cm)	15.0 in (38.1 cm)

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/FAIL: PASS

REMARKS: None

RECORDED BY: Jack R. Stewart DATE: January 21, 2009

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2009 Honda Fit five-door passenger car

VEHICLE NHTSA NUMBER: C95302 VIN: JHMGE87229S021972

LABORATORY: US DOT San Angelo Test Facility TEST DATE: January 21, 2009

Identification of Vehicle Labeling

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

Vehicle Placard

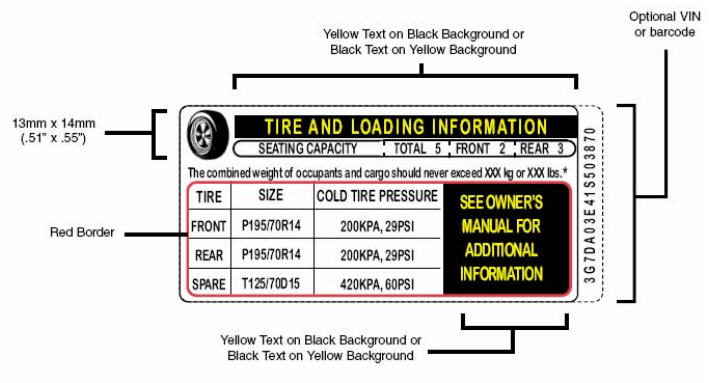


FIGURE 1B
(70 FR 14425)

Tire Inflation Pressure Label

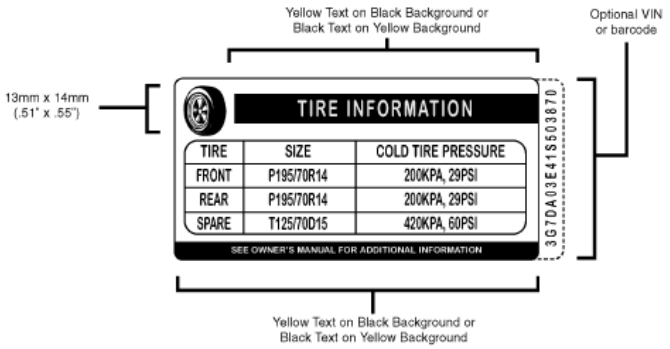


FIGURE 2B
(70 FR 14426)

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 385 kg (850 lb)

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

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

Vehicle Placard Tire Information:

Tire size: Front 175/65R15 Rear 175/65R15

Tire Inflation Pressure: Front 220 kPa (32 psi) Rear 220 kPa (32 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: Jack R. Stewart DATE: January 21, 2009

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2009 Honda Fit five-door passenger car

VEHICLE NHTSA NUMBER: C95302 VIN: JHMGE87229S021972

LABORATORY: US DOT San Angelo Test Facility TEST DATE: January 23, 2009

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

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

Tire Pressures: LF 220 kPa (32 psi) LR 220 kPa (32 psi)
RF 220 kPa (32 psi) RR 220 kPa (32 psi)

A. MEASURED CURB WEIGHT WITH INSTALLED OPTIONS AND ACCESSORIES

LF 355 kg (783 lb) LR 210 kg (464 lb)
RF 347 kg (765 lb) RR 212 kg (468 lb)

Front Axle 702 kg (1,548 lb) Rear Axle 422 kg (932 lb)

Total Vehicle 1,124 kg (2,480 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:

LF 399 kg (880 lb) LR 271 kg (597 lb)
RF 389 kg (857 lb) RR 270 kg (596 lb)

Front Axle 788 kg (1,737 lb) Rear Axle 541 kg (1,193 lb)

Total Vehicle 1,329 kg (2,930 lb)

DATA SHEET 5 (2 of 4)
CURB WEIGHT, NORMAL LOAD WEIGHT & MAXIMUM VEHICLE WEIGHT

(5) Calculated Vehicle Normal Load on the Tire:

Front Tires [measured front axle normal load/2] = 394 kg (869 lb)
Rear Tires [measured rear axle normal load/2] = 271 kg (597 lb)

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

Load rating at recommend cold inflation pressure= 450 kg (992 lb)
94% of load rating = 423 kg (933 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 5 Front 2 Rear 3

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

(3) Measured Vehicle Weight with Full Occupant Load:

LF	411 kg (907 lb)	LR	327 kg (722 lb)
RF	400 kg (881 lb)	RR	327 kg (720 lb)
Front Axle	811 kg (1,788 lb)	Rear Axle	654 kg (1,442 lb)

Total Vehicle 1,465 kg (3,230 lb)

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

D. MEASURED MAXIMUM VEHICLE LOAD WEIGHT

(1) Vehicle Capacity Weight (from placard): 385 kg (850 lb)

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

(3) Luggage/Cargo Load (subtract (2) from (1)): 45 kg (100 lb)

(4) Measured Vehicle Maximum Load on Axles:

LF	410 kg (903 lb)	LR	352 kg (776 lb)
RF	398 kg (877 lb)	RR	351 kg (774 lb)
Front Axle	808 kg (1,780 lb)	Rear Axle	703 kg (1,550 lb)

Total Vehicle 1,511 kg (3,330 lb)

(5) Calculated Vehicle Maximum Load on the Tire:

Front Tires [measured front axle maximum load/2]= 404 kg (890 lb)

Rear Tires [measured rear axle maximum load/2] = 352 kg (775 lb)

(6) Tire Sidewall Maximum Load Ratings:

	Front	Rear
Installed Tire Size	175/65R15	175/65R15
Max. Load Rating on Sidewall	500 kg (1,102 lb)	500 kg (1,102 lb)

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

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

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

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

	Front Axle	Rear Axle
Labeled Tire Size	175/65R15	175/65R15
Labeled Cold Inflation Pressure	220 kPa (32 psi)	220 kPa (32 psi)
Load Rating at This Pressure*	450 kg (992 lb)	450 kg (992 lb)

*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: January 23, 2009

APPROVED BY: Kenneth H. Yates

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

VEHICLE MAKE/MODEL/BODY STYLE: 2009 Honda Fit five-door passenger car

VEHICLE NHTSA NUMBER: C95302 VIN: JHMGE87229S021972

LABORATORY: US DOT San Angelo Test Facility TEST DATE: January 26, 2009

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	321-324
(4)(ii)	(A) Description and explanation of recommended cold tire inflation pressure.	Yes	273
	(B) Description and explanation of FMVSS 110 Vehicle Placard and Tire Inflation Pressure Label and their location(s).	Yes	209
	(C) Description and explanation of adverse safety consequences of under-inflation including tire failure.	Yes	273, 324
	(D) Description and explanation for measuring and adjusting air pressure to achieve proper inflation.	Yes	273, 274
(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.	No	See Remarks
(4)(iv)	Tire care, including maintenance and safety practices.	Yes	276, 277
(4)(v)	(A) Description and explanation of locating and understanding load limit information, total load capacity, seating capacity, towing capacity, and cargo capacity.	Yes	209, 210
	(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	209, 210
	(C) Description and explanation for determining compatibility of tire and vehicle load capabilities.	Yes	209
	(D) Description and explanation of adverse safety consequences of overloading on handling and stopping and on tires.	Yes	209, 324

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

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

Steps for Determining Correct Load Limit --
(1) Locate the statement "The combined weight of occupants and cargo should never exceed XXX kg or XXX lbs." on your vehicle's placard.
(2) Determine the combined weight of the driver and passengers that will be riding in your vehicle.
(3) Subtract the combined weight of the driver and passengers from XXX kg or XXX lbs.
(4) The resulting figure equals the available amount of cargo and luggage load capacity. For example, if the "XXX" amount equals 1400 lbs. and there will be five 150 lb passengers in your vehicle, the amount of available cargo and luggage load capacity is 650 lbs. (1400-750 (5x150) = 650 lbs.)
(5) Determine the combined weight of the luggage and cargo being loaded on the vehicle. That weight may not safely exceed the available cargo and luggage load capacity calculated in Step 4.
(6) If your vehicle will be towing a trailer, load from your trailer will be transferred to your vehicle. Consult this manual to determine how this reduces the available cargo and luggage load capacity of your vehicle.

DATA INDICATES COMPLIANCE: PASS/FAIL: FAIL

REMARKS: The owner's manual did not include a glossary of tire terminology as required by 49 CFR Part 575.6, Consumer Information (575.6(a)(4)(iii)). The manufacturer has been notified.

RECORDED BY: Jack R. Stewart DATE: January 26, 2009

APPROVED BY: Kenneth H. Yates

SECTION 4

TEST EQUIPMENT LIST AND CALIBRATION INFORMATION

EQUIPMENT	**DESCRIPTION**	**MODEL/ SERIAL NO**	**CAL. DATE**	**NEXT CAL. DATE**
PLATFORM SCALE (BALLAST)	HOWE RICHARDSON	MODEL #6401 SERIAL #0181-5509-26	8/5/2008	8/5/2009
AIR PRESSURE GAUGE	ASHCROFT GENERAL PURPOSE DIGITAL GAUGE	MODEL #D1005PS 02L 100 PSI SERIAL #20017398-01	11/20/2008	11/20/2009
FLOOR SCALES (VEHICLE)	INTERCOMP SW DELUXE SCALES	PART #100156 SERIAL #27032382	8/5/2008	8/5/2009

SECTION 5

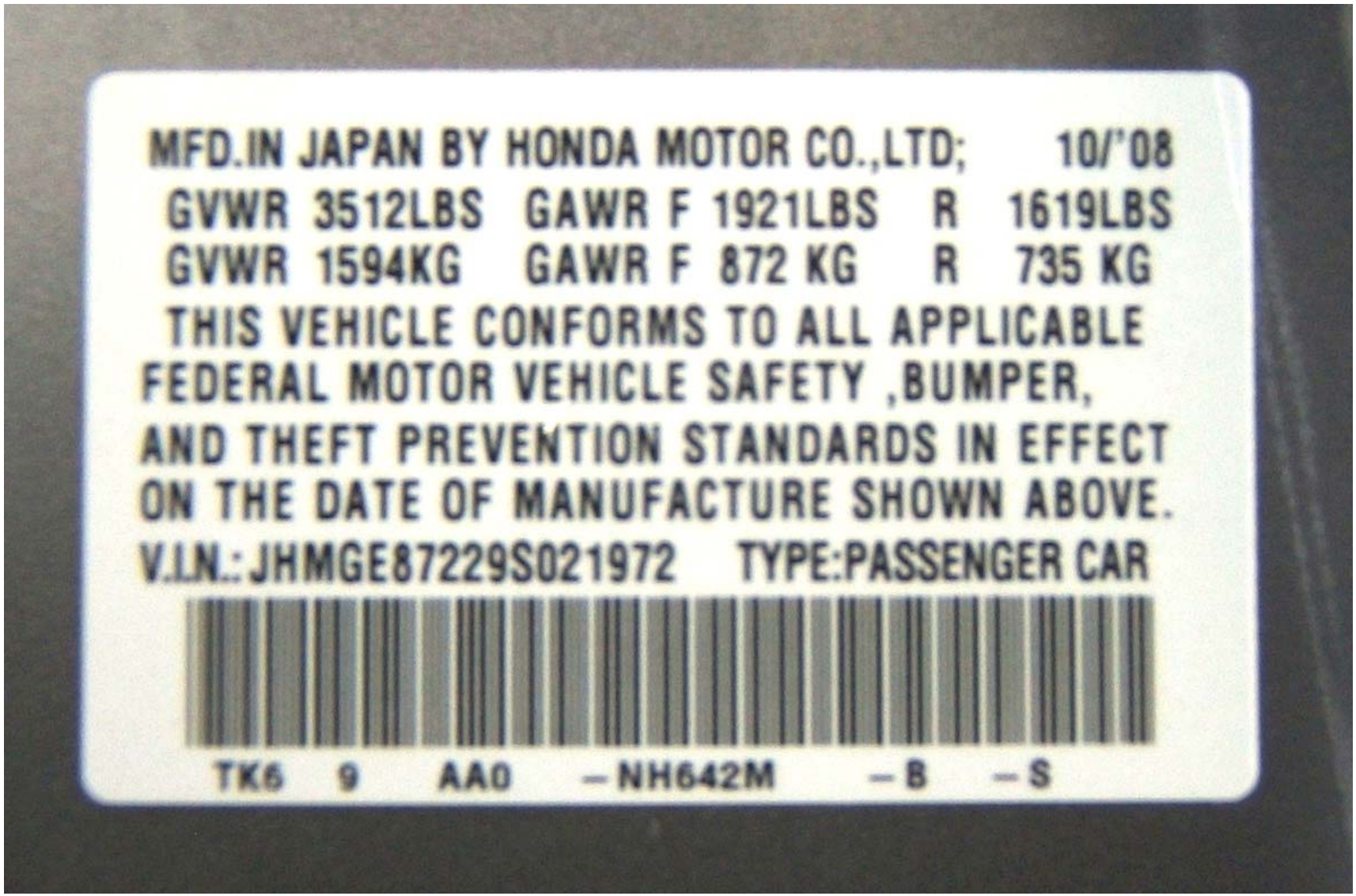
PHOTOGRAPHS

2009 HONDA FIT
NHTSA NO. C95302
FMVSS 110

FIGURE 5.1
¾ FRONTAL VIEW FROM LEFT SIDE OF VEHICLE

2009 HONDA FIT
NHTSA NO. C95302
FMVSS 110

FIGURE 5.2
¾ REAR FROM RIGHT SIDE OF VEHICLE



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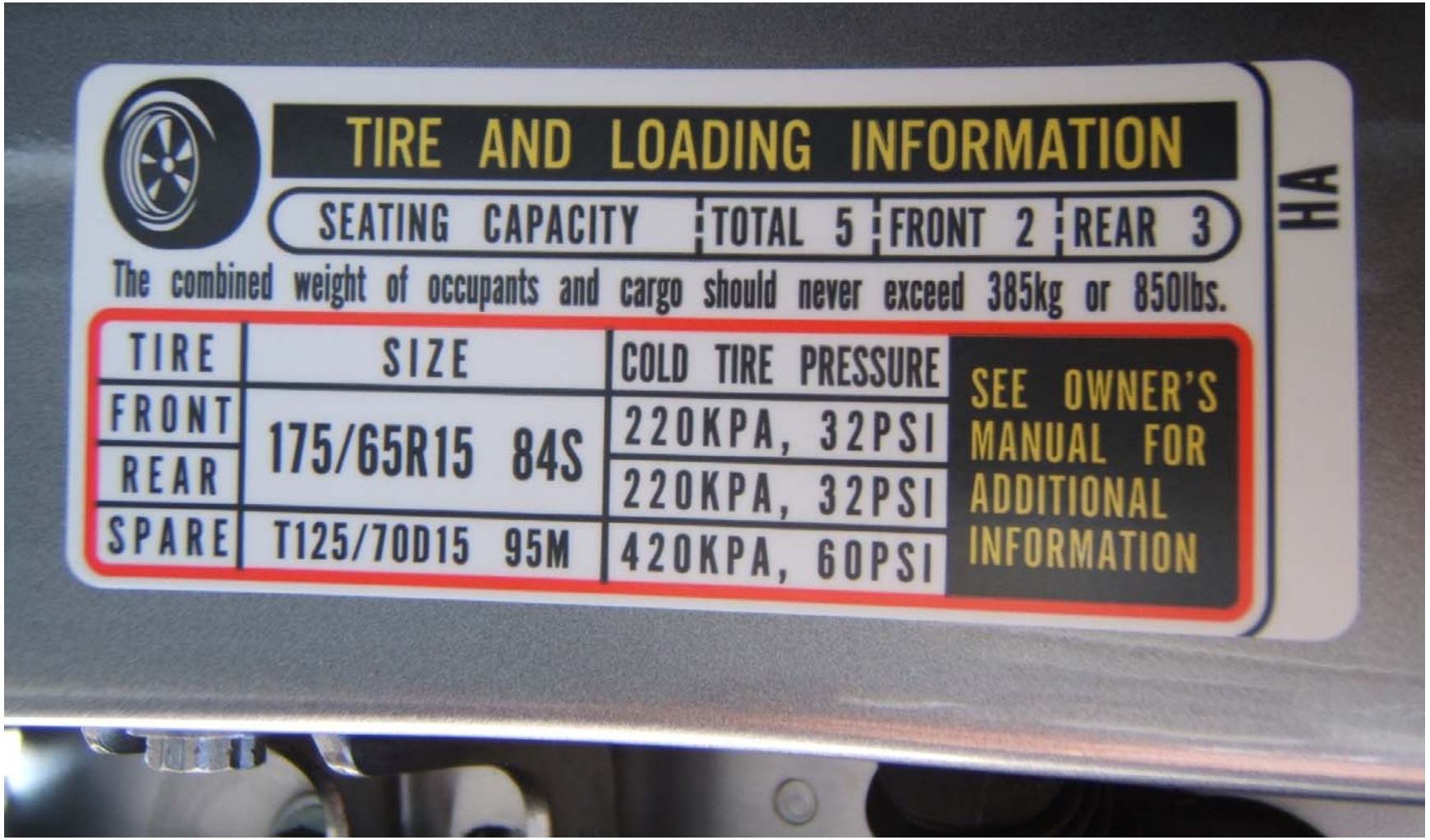
FMVSS 110

FIGURE 5.3
VEHICLE CERTIFICATION LABEL



2009 HONDA FIT
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FMVSS 110

FIGURE 5.4
VEHICLE PLACARD

2009 HONDA FIT
NHTSA NO. C95302
FMVSS 110

FIGURE 5.5
TIRE SHOWING BRAND

2009 HONDA FIT
NHTSA NO. C95302
FMVSS 110

FIGURE 5.6
TIRE SHOWING MODEL

2009 HONDA FIT
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FIGURE 5.7
TIRE SHOWING SIZE, LOAD INDEX, AND SPEED SYMBOL

2009 HONDA FIT
NHTSA NO. C95302
FMVSS 110

FIGURE 5.8
TIRE SHOWING MAX INFLATION
PRESSURE AND MAX LOAD RATING

2009 HONDA FIT
NHTSA NO. C95302
FMVSS 110

FIGURE 5.9
TIRE SHOWING SERIAL NUMBER

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FMVSS 110

FIGURE 5.10
RIM CONTOUR FOR FULL WIDTH OF CROSS SECTION

2009 HONDA FIT
NHTSA NO. C95302
FMVSS 110

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

2009 HONDA FIT
NHTSA NO. C95302
FMVSS 110

FIGURE 5.12
LEFT REAR RIM SHOWING LETTER DESIGNATION FOR SOURCE OF PUBLISHED DIMENSIONS, SIZE, DOT SYMBOL, MANUFACTURER'S SYMBOL, DATE OF MANUFACTURE, AND OTHER RIM MARKINGS

2009 HONDA FIT
NHTSA NO. C95302
FMVSS 110

FIGURE 5.13
VEHICLE FRONT SEAT BALLASTED FOR
NORMAL AND MAXIMUM LOADS

2009 HONDA FIT
NHTSA NO. C95302
FMVSS 110

FIGURE 5.14
VEHICLE REAR SEAT BALLASTED
FOR NORMAL LOAD

2009 HONDA FIT
NHTSA NO. C95302
FMVSS 110

FIGURE 5.15
VEHICLE REAR SEAT BALLASTED
FOR MAXIMUM LOAD

2009 HONDA FIT
NHTSA NO. C95302
FMVSS 110

FIGURE 5.16
VEHICLE CARGO AREA BALLASTED
FOR MAXIMUM LOAD

2009 HONDA FIT
NHTSA NO. C95302
FMVSS 110

FIGURE 5.17
VEHICLE ON WEIGHT SCALES

SECTION 6

TEST FAILURE

LABORATORY NOTICE OF TEST FAILURE TO OVSC

FMVSS NUMBER: Part 575.6(a)(4) and (5) TEST DATE: January 21 through January 26, 2009

LABORATORY: US DOT San Angelo Test Facility

LABORATORY PROJECT ENGINEER'S NAME: Kenneth H. Yates

TEST SPECIMEN DESCRIPTION: 2009 Honda Fit

NHTSA VEHICLE NUMBER: C95302 VIN: JHMGE87229S021972

MANUFACTURER: Honda Motor Company, Ltd.

TEST FAILURE DESCRIPTION: Owner's manual fails to include glossary of tire terminology as required by FMVSS 575.6(a)(4)(iii), and verified by FMVSS 110/575.6 testing.

FMVSS REQUIREMENT, PARAGRAPH: Part 575.6(a)(4)(iii)

"….the manufacturer shall provide to the purchaser, in writing….a discussion of …Glossary of tire terminology , including "cold tire pressure," "maximum inflation pressure," "recommended inflation pressure," and all non-technical terms defined in S3 of FMVSS Nos. 110 and 139."

NOTIFICATION TO NHTSA (COTR): John Finneran

DATE: January 27, 2009 BY: Kenneth H. Yates

REMARKS: None