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Compliance tests were conducted on the subject 2006 Honda Civic Coupe Passenger Car in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP-214S-05 for the determination of FMVSS 214 compliance. Test failures identified were as follows:
NONE

Compliance Testing
Safety Engineering
FMVSS 214

Copies of this report are available from NHTSA Technical Information Services (TIS) Room 2336 (NPO-405) 400 Seventh Street S.W. Washington, DC 20590 Telephone No. (202) 366-4947

Form DOT F 1700.7 (8-72)
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</tr>
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<td>5.22</td>
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SECTION 1
INTRODUCTION

1.0 PURPOSE OF COMPLIANCE TEST

A 2006 Honda Civic Coupe 4-door passenger car was subjected to Federal Motor Vehicle Safety Standard (FMVSS) No. 214 testing to determine if the vehicle was in compliance with the requirements of the standard. FMVSS No. 214 establishes requirements for the side doors of a Motor Vehicle to minimize the safety hazard caused by intrusion into the passenger compartment as a result of a side impact accident.

1.1 TEST VEHICLE

The test vehicle was a 2006 Honda Civic Coupe 4-door passenger car. Nomenclature applicable to the test vehicle are:

A. Vehicle Identification Number: 1HGFA15206L051353

B. NHTSA No.: C65301

C. Manufacturer: HONDA OF AMERICA MFG., INC.

D. Manufacture Date: 01/06

The vehicle’s front and rear seating systems were removed for this test. All vehicle windows were closed and all doors were locked for this test.

1.2 TEST DATE

The test vehicle was subjected to FMVSS No. 214 testing on June 29, 2006.
SECTION 2  
TEST PROCEDURE AND SUMMARY OF RESULTS

2.0 TEST PROCEDURE

All tests were conducted in accordance with NHTSA, Office of Vehicle Safety Compliance (OVSC) Laboratory Procedure, TP-214S-05 dated 14 September 1993 and General Testing Laboratories, Inc. (GTL) Test Procedure, TP-214S-05, "Static – Side Impact Protection".

Each vehicle shall be able to meet the requirements of either, at the manufacturer's option, 2.1 or 2.2 when any of its side doors that can be used for occupant egress are tested.

2.1 OPTION ONE

With any seats that may affect load upon or deflection of the side of the vehicle removed from the vehicle, each vehicle must be able to meet the requirements of 2.1.1 through 2.1.3.

2.1.1 INITIAL CRUSH RESISTANCE

The initial crush resistance shall not be less than 2,250 pounds.

2.1.2 INTERMEDIATE CRUSH RESISTANCE

The intermediate crush resistance shall not be less than 3,500 pounds.

2.1.3 PEAK CRUSH RESISTANCE

The peak crush resistance shall not be less than two times the curb weight of the vehicle or 7,000 pounds, whichever is less.

2.2 OPTION TWO

With seats installed in the vehicle, and located in any horizontal or vertical position to which they can be adjusted and at any seat back angle to which they can be adjusted, each vehicle must be able to meet the requirements of 2.2.1 through 2.2.3.

2.2.1 INITIAL CRUSH RESISTANCE

The initial crush resistance shall not be less than 2,250 pounds.

2.2.2 INTERMEDIATE CRUSH RESISTANCE

The intermediate crush resistance shall not be less than 4,375 pounds.
SECTION 2 CONTINUED

2.2.3 PEAK CRUSH RESISTANCE

The peak crush resistance shall not be less than three and one half times the curb weight of the vehicle or 12,000 pounds, whichever is less.
SECTION 3
COMPLIANCE TEST DATA
DATA SHEET 1
TEST VEHICLE RECEIVING-INSPECTION

VEH. MOD YR/MAKE/MODEL/BODY: 2006 HONDA CIVIC COUPE PASSENGER CAR
VEH. NHTSA NO.: C65301; VIN: 1HGFA15206L051353
VEH. BUILD DATE: 01/06; TEST DATE: JUNE 29, 2006
TEST LABORATORY: GENERAL TESTING LABS
OBSERVERS: G. FARRAND, J. LATANE, J. GIBSON

A. First compliance test by laboratory for this vehicle is the static FMVSS 214 test.

   X Yes      ___ No (Go to item 2)

   X (1) Label test vehicle with NHTSA Number

   X (2) Verify all options on the "window sticker" are present on the vehicle

   X (3) Verify tires and wheel rims are new and the same as listed

   X (4) Verify there are no dents or other interior or exterior flaws

   X (5) Verify the glove box contains an owner's manual, warranty document, consumer information, and extra keys

   X (6) Verify the vehicle is equipped with the proper fuel filler cap

   X (7) If the vehicle has been delivered from the dealer, verify the vehicle has been properly prepared and is in running condition

B. Verify seat adjusters are working

   X Yes      ___ No

C. Verify there is a seat belt at each seating position

   X Yes      ___ No

D. Without disturbing the integrity of each seat belt and anchorage, verify that each seat belt is attached to the anchorage. For seat belts that are attached to the seat, also verify the seats are attached to the seat anchors and the seat anchors are attached to the vehicle.

   X Yes      ___ No

E. Curb Weight of Vehicle: 2650 LBS.

F. COMMENTS: (Explain any problems here)

RECORDED BY: G. FARRAND          DATE: 06/29/06
APPROVED BY: D. MESSICK
DATA SHEET 2
PRETEST PREPARATION

VEH. MOD YR/MAKE/MODEL/BODY: 2006 HONDA CIVIC COUPE PASSENGER CAR
VEH. NHTSA NO.: C65301; VIN: 1HGFA15206L051353
VEH. BUILD DATE: 01/06; TEST DATE: JUNE 29, 2006
TEST LABORATORY: GENERAL TESTING LABS
OBSERVERS: G. FARRAND, J. LATANE, J. GIBSON

Prior to testing the following will be accomplished:

<table>
<thead>
<tr>
<th>TEST</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

A. Check the manufacturers certification statement to determine if the vehicle should be tested with or without seats installed.  
   - X

B. Remove all seats unless the vehicle has been certified with the seats installed. If the seats remain in the vehicle, they are to be adjusted per the COTR's instructions.  
   - X

C. Close all windows  
   - X

D. Lock All doors  
   - X

E. State door tested  
   - LF
   - RR

F. State the length of a horizontal line drawn on door through a point 5 inches vertically above lowest point of test door  
   - 43.2
   - 26.2

G. State vertical distance from the lowest part of test door to bottom of loading device  
   - 5"
   - 5"

H. State position of vertical centerline of loading device on the midpoint of line determined step F  
   - 21.6
   - 13.1

I. Determine that the vertical axis of the loading device is perpendicular to the longitudinal and lateral axis of the test vehicle  
   - X

J. Determine that the top of the loading device is above the door window opening but not touching any structure above the window opening  
   - X

RECORDED BY: G. FARRAND DATE: 06/29/06
APPROVED BY: D. MESSICK
DATA SHEET 3
STATIC LOAD TEST - BACK-UP SYSTEM DATA

VEH. MOD YR/MAKE/MODEL/BODY: 2006 HONDA CIVIC COUPE PASSENGER CAR
VEH. NHTSA NO.: C65301; VIN: 1HGFA15206L051353
VEH. BUILD DATE: 01/06; TEST DATE: JUNE 29, 2006
TEST LABORATORY: GENERAL TESTING LABS
OBSERVERS: G. FARRAND, J. LATANE, J. GIBSON

RESULTS: Plots of load versus displacement and time versus displacement obtained from the back-up data (attach plots to data sheet) showed that:

**TEST #1** - GTL #5585 (LEFT FRONT DOOR)

A. The initial crush resistance was 3684 lbs.
B. The intermediate crush resistance was 5502 lbs.
C. The peak crush resistance was 9838 lbs at 13.30 inches
D. The rate of loading was 0.2"/sec

The dial indicator and the inclinometer showed the following deflections.

<table>
<thead>
<tr>
<th>LOADING DEVICE TRAVEL</th>
<th>DIAL INDICATOR</th>
<th>INCLINOMETER</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 inches</td>
<td>0.0000</td>
<td>0</td>
</tr>
<tr>
<td>2 inches</td>
<td>0.0545</td>
<td>0</td>
</tr>
<tr>
<td>4 inches</td>
<td>0.1678</td>
<td>0</td>
</tr>
<tr>
<td>6 inches</td>
<td>0.2790</td>
<td>0</td>
</tr>
<tr>
<td>12 inches</td>
<td>0.5315</td>
<td>0</td>
</tr>
<tr>
<td>14.2 inches (full travel)</td>
<td>0.6135</td>
<td>0</td>
</tr>
<tr>
<td>0 inches (removal)</td>
<td>0.1526</td>
<td>0</td>
</tr>
</tbody>
</table>

**TEST #2** - GTL #5586 (RIGHT REAR DOOR)

A. The initial crush resistance was 5590 lbs.
B. The intermediate crush resistance was 9381 lbs.
C. The peak crush resistance was 14,708 lbs at 11.60 inches
D. The rate of loading was 0.2"/sec
The dial indicator and the inclinometer showed the following deflections.

<table>
<thead>
<tr>
<th>LOADING DEVICE TRAVEL</th>
<th>DIAL INDICATOR</th>
<th>INCLINOMETER</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 inches</td>
<td>0.0000</td>
<td>0</td>
</tr>
<tr>
<td>2 inches</td>
<td>0.1756</td>
<td>0</td>
</tr>
<tr>
<td>4 inches</td>
<td>0.2980</td>
<td>0</td>
</tr>
<tr>
<td>6 inches</td>
<td>0.3967</td>
<td>0</td>
</tr>
<tr>
<td>12 inches</td>
<td>0.3323</td>
<td>1.5</td>
</tr>
<tr>
<td>12.40 inches (full travel)</td>
<td>0.3323</td>
<td>1.5</td>
</tr>
<tr>
<td>0 inches (removal)</td>
<td>0.0175</td>
<td>0</td>
</tr>
</tbody>
</table>

RECORDED BY: G. FARRAND               DATE: 06/29/06
APPROVED BY: D. MESSICK
DATA SHEET 4
DATA REDUCTION

VEH. MOD YR/MAKE/MODEL/BODY: 2006 HONDA CIVIC COUPE PASSENGER CAR
VEH. NHTSA NO.: C65301; VIN: 1HGFA15206L051353
VEH. BUILD DATE: 01/06; TEST DATE: JUNE 29, 2006
TEST LABORATORY: GENERAL TESTING LABS
OBSERVERS: G. FARRAND, J. LATANE, J. GIBSON

Data from the primary data systems will be analyzed and the plots attached to the data sheet.

RESULTS - The load versus displacement plot showed that - -

TEST #1 - GTL #5585 (LEFT FRONT DOOR)
A. The initial crush resistance was 3728 lbs.
B. The intermediate crush resistance was 5521 lbs.
C. The peak crush resistance was 9837 lbs at 13.2 inches

The time versus displacement plot showed that - -

The rate of loading was .2"/sec

TEST #2 - GTL #5586 (RIGHT REAR DOOR)
A. The initial crush resistance was 5585 lbs.
B. The intermediate crush resistance was 9360 lbs.
C. The peak crush resistance was 14,726 lbs at 11.60 inches

The time versus displacement plot showed that - -

The rate of loading was .2"/sec

Comparison of the ABOVE DATA with the BACKUP DATA indicates the following - -

Primary and Backup data agree.

RECORDED BY: G. FARRAND DATE: 06/29/06
APPROVED BY: D. MESSICK
## SECTION 4

**TEST EQUIPMENT LIST**

<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>COMPUTER</td>
<td>AT&amp;T</td>
<td>486DX266</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>TEST FIXTURE</td>
<td>GTL 214</td>
<td>214</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>A/D INTERFACE</td>
<td>METRABYTE</td>
<td>DAS-16(F)</td>
<td>BEFORE USE</td>
<td>BEFORE USE</td>
</tr>
<tr>
<td>SCALES</td>
<td>FAIRBANKS</td>
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<td>BEFORE USE</td>
<td>BEFORE USE</td>
</tr>
<tr>
<td>SIGNAL CONDITIONER</td>
<td>METRABYTE</td>
<td>EXP-RES</td>
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</tr>
<tr>
<td>LOAD CELLS</td>
<td>REVERE</td>
<td>44243A 44243B</td>
<td>12/05</td>
<td>12/06</td>
</tr>
<tr>
<td>LINEAR POT.</td>
<td>WALDALE</td>
<td>123456A 123456B</td>
<td>BEFORE USE</td>
<td>BEFORE USE</td>
</tr>
<tr>
<td>INCLINOMETER</td>
<td>STARRETT</td>
<td>360/002</td>
<td>05/06</td>
<td>05/07</td>
</tr>
<tr>
<td>DIAL INDICATOR</td>
<td>MIOTO</td>
<td>0001-2</td>
<td>BEFORE USE</td>
<td>BEFORE USE</td>
</tr>
</tbody>
</table>
SECTION 5
PHOTOGRAPHS
2006 HONDA CIVIC
NHTSA NO. C65301
FMVSS NO. 214S

FIGURE 5.3
RIGHT SIDE VIEW OF VEHICLE PRE-TEST
2006 HONDA CIVIC
NHTSA NO. C65301
FMVSS NO. 214S

FIGURE 5.5
¾ FRONTAL VIEW FROM LEFT SIDE OF VEHICLE
PRE-TEST
MFD. BY HONDA OF AMERICA MFG., INC. 01/’06
GVWR 3671LBS GAWR F 1940LBS R 1731LBS
GVWR 1665KG GAWR F 880KG R 785KG
THIS VEHICLE CONFORMS TO ALL APPLICABLE
FEDERAL MOTOR VEHICLE SAFETY, BUMPER,
AND THEFT PREVENTION STANDARDS IN EFFECT
ON THE DATE OF MANUFACTURE SHOWN ABOVE.
V.I.N.: 1HGFA15206L051353 TYPE: PASSENGER CAR
SNE 6 AB1 -NH701M -B -L
The combined weight of occupants and cargo should never exceed 385kg or 850lbs.

<table>
<thead>
<tr>
<th>TIRE</th>
<th>SIZE</th>
<th>COLD TIRE PRESSURE</th>
<th>SEE OWNER’S MANUAL FOR ADDITIONAL INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FRONT</td>
<td>P195/65R15 89H</td>
<td>210KPA, 30PSI</td>
<td></td>
</tr>
<tr>
<td>REAR</td>
<td></td>
<td>210KPA, 30PSI</td>
<td></td>
</tr>
<tr>
<td>SPARE</td>
<td>T125/70D15 95M</td>
<td>420KPA, 60PSI</td>
<td></td>
</tr>
</tbody>
</table>
2006 HONDA CIVIC
NHTSA NO. C65301
FMVSS NO. 214S

FIGURE 5.9
VEHICLE VIN PLATE
2006 HONDA CIVIC
NHTSA NO. C65301
FMVSS NO. 214S

FIGURE 5.10
INSTRUMENTATION SET-UP
2006 HONDA CIVIC
NHTSA NO. C65301
FMVSS NO. 214S

FIGURE 5.13
LOAD DEVICE AGAINST DOOR – PRE-TEST 1
2006 HONDA CIVIC
NHTSA NO. C65301
FMVSS NO. 214S

FIGURE 5.14
LOAD DEVICE AGAINST DOOR @ MAX LOAD - TEST 1
2006 HONDA CIVIC
NHTSA NO. C65301
FMVSS NO. 214S

FIGURE 5.15
DIAL INDICATOR AT MAX LOAD – TEST 1
2006 HONDA CIVIC
NHTSA NO. C65301
FMVSS NO. 214S

FIGURE 5.17
POST TEST DOOR INSIDE – TEST 1
2006 HONDA CIVIC
NHTSA NO. C65301
FMVSS NO. 214S

FIGURE 5.20
LOAD DEVICE AGAINST DOOR – PRE-TEST 2
2006 HONDA CIVIC
NHTSA NO. C65301
FMVSS NO. 214S

FIGURE 5.21
LOAD DEVICE AGAINST DOOR @ MAX LOAD - TEST 2
2006 HONDA CIVIC
NHTSA NO. C65301
FMVSS NO. 214S

FIGURE 5.22
DIAL INDICATOR AT MAX LOAD – TEST 2
2006 HONDA CIVIC
NHTSA NO. C65301
FMVSS NO. 214S

FIGURE 5.23
POST TEST DOOR OUTSIDE – TEST 2
FIGURE 5.24
POST TEST DOOR INSIDE – TEST 2
2006 HONDA CIVIC
NHTSA NO. C65301
FMVSS NO. 214S

FIGURE 5.25
FRONT VIEW OF VEHICLE POST TEST
2006 HONDA CIVIC
NHTSA NO. C65301
FMVSS NO. 214S

FIGURE 5.26
LEFT SIDE VIEW OF VEHICLE POST TEST
FIGURE 5.28
REAR VIEW OF VEHICLE POST TEST
SECTION 6

TEST DATA PLOTS