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Prepared By: 
Approved By: 
Approval Date: 04/01/10

FINAL REPORT ACCEPTANCE BY OVSC:

Accepted By: 
Acceptance Date: 04/01/10
Compliance tests were conducted on the subject 2010 Dodge Charger SE 4-door passenger car in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP-114-03-DRAFT-GTL-REVC for the determination of FMVSS 114 compliance.

Test failures identified were as follows:
None
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SECTION 1

PURPOSE OF COMPLIANCE TEST

1.0 PURPOSE OF TEST

A model year 2010 Dodge Charger SE 4-door passenger car was subjected to Federal Motor Vehicle Safety Standard (FMVSS) No. 114 testing to determine if the vehicle was in compliance with the requirements of the standard. FMVSS 114 specifies requirements to decrease the likelihood that a vehicle is stolen, or accidentally set in motion.

1.1 The test vehicle was a 2010 Dodge Charger SE 4-door Passenger Car. The vehicle was identified as follows:

A. Vehicle Identification Number: 2B3CA4CD2AH140890
B. NHTSA No.: CA0302
C. Manufacturer: CHRYSLER GROUP LLC
D. Manufacture Date: 10/09
E. Color: Black

1.2 TEST DATE

The test vehicle was subjected to FMVSS No. 114 testing on March 22, 2010.
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-114-03-DRAFT-GTL-REVC and General Testing Laboratories, Inc. (GTL) Test Procedure, TP-114-03-Draft, “Theft Protection and Rollaway Prevention”.

2.1 SUMMARY OF RESULTS

Test data indicate the FMVSS 114 requirements appear to have been satisfied. All test data resulting from the tests were recorded on test data sheets in Section 3.
SECTION 3

TEST DATA

3.0 TEST RESULTS

The following data sheets document the results of FMVSS 114 testing on the 2010 Dodge Charger SE.
FMVSS 114, THEFT PROTECTION
DATA SHEET 1 – VEHICLE IDENTIFICATION

TEST DATE: 03/22/10  
LAB.: General Testing Laboratories

CONTRACT: DTNH22-06-C-00032
VEH. NHTSA NO.: CA0302

VIN: 2B3CA4CD2AH140890
BUILD DATE: 10/09

MY/MAKE/MODEL/BODY STYLE: 2010 Dodge Charger SE

TRANSMISSION TYPE:
Automatic __X__; Manual ___; Other ___ (describe: _________________________)

DRIVE TRAIN TYPE:
Front Wheel _____; Rear Wheel __X__; 4-Wheel _______

FUEL TANK LEVEL: 100___ (% OF max.)  
MILEAGE: 67

VEHICLE STARTING SYSTEM:

Location of the starting system:
On Dash to Right Side of Steering Column

Selectable settings:
Lock, Accessory, On, Start

Explain how the system is activated:
System is activated when Key FOB with matching code is inserted into receptacle on dash and turned clockwise.

KEY

Description of the key:
Electronic Key FOB

STARTING SYSTEM ACTIVATION

Describe how the key is inserted into the starting system:
Insert electronic key FOB into wireless ignition node (WIN) on dash

Describe how the key is used to activate the starting system:
Insert electronic key FOB into wireless ignition node (WIN) and turn clockwise

Describe how the key is removed from the starting system:
Turn key to lock position and then remove key FOB from ignition node.
GEAR SELECTION CONTROL

Describe the gear selection control:
Shift Lever between front seats on center console

Describe how the gear selection control is activated:
Turn ignition switch to on, push on brake pedal and move gear selector to desired position

Describe all of the selectable settings:
Park, Reverse, Neutral, Drive, 3, Low

IMMOBILIZER

Is the vehicle equipped with an immobilizer YES  X  NO

Describe the immobilizer device and how it prevents vehicle theft (if equipped):
Electronic code in key FOB must match wireless ignition node (WIN) before engine will run

OPTIONAL RELEASE DEVICES

Describe if the vehicle is equipped with optional release devices:
Vehicle has release for moving gear selector out of park

OPTIONAL RELEASE DEVICES:

Key Removal  Gear Selection Control  X  None  Other

VEHICLE FLUIDS

Check all vehicle fluids and adjust to the proper levels for operation:  Full

VEHICLE TIRE PLACARD INFORMATION

Vehicle Mfg. Recommended Tire Inflation Pressure (kPa): Front 210  Rear 210

TIRE INFLATION PRESSURES:

Measured (kPa): LF 210  LR 210  RF 210  RR 210

WEIGHT

Vehicle Curb Weight (kg): 1662  Weight of Driver (kg): 91 (target = 91kg)
### REQUIREMENT S5.1.1

<table>
<thead>
<tr>
<th></th>
<th>PASS</th>
<th>FAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine cannot be started without using the key</td>
<td>✗ Yes</td>
<td>✗ No</td>
</tr>
</tbody>
</table>

With key removed, steering wheel locks:
Yes: ___ No: ✗

Identify locking position(s) on wheel using arrow(s)

- Clockwise: _______ (degrees)
- Counterclockwise: _______ (degrees)

Key removal prevents forward self-mobility:
Yes: ✗ No: _______

If yes describe: Vehicle will not start without key

When key is removed from the starting system, starting of the engine or motor and either steering or self mobility is prevented.

Yes | ✗ No

REMARKS:
**REQUIREMENT S5.1.3**  
<table>
<thead>
<tr>
<th>PASS</th>
<th>FAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

An audible warning is activated whenever the key is in any starting system position with the exception of “on” and “start” and the door closest to the driver’s designated seating position is opened.  
Yes __X__ No _____

Identify ALL key/starting system position setting:  
Lock, Accessory, On, Start

**REQUIREMENT S5.1.4**  
<table>
<thead>
<tr>
<th>PASS</th>
<th>FAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

With the vehicle engine or motor shut down and the transmission gear selection control in any position other than “park”;

The steering wheel can rotate without locking? Yes __X__ No_______

The vehicle is free to roll forward? Yes __X__ No_______

REMARKS:

RECORDED BY:  
G. Farrand

DATE:  
03/22/10

APPROVED BY:  
D. Messick
FMVSS 114, ROLLAWAY PREVENTION
DATA SHEET 3
(for vehicles equipped with transmission with a “park” position)

VEH. NHTSA NO.: CA0302
TEST DATE: 03/22/10

### REQUIREMENT S5.2.1

<table>
<thead>
<tr>
<th>Description</th>
<th>PASS</th>
<th>FAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>The starting system prevents key removal in ALL gear selection control positions except “park”.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes ___ X ___ No _______</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Can the gear selection control be placed between each gear selection position and will it remain there without assistance?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes ___ X ___ No _______</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If yes, can the key be removed from the starting system?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes ______ No ___ X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>If the key can be removed from the vehicle starting system when the gear selection control is not locked in “park”, a mechanism shall exist which, upon key removal, the vehicle transmission or gear selection control shall become locked in “park” as the direct result of removing the key. If such a mechanism exists, describe the mechanism and its function:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### REQUIREMENT S5.2.2

<table>
<thead>
<tr>
<th>Description</th>
<th>PASS</th>
<th>FAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>The gear selection control is locked in the “park” position when the key is removed from the starting system.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yes ___ X ___ No _______</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

REMARKS:
### REQUIREMENT S5.2.3

<table>
<thead>
<tr>
<th>ELECTRICAL FAILURE (Battery Discharge)</th>
<th>PASS</th>
<th>FAIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>In the event of an electrical failure, key removal from the starting system when the transmission or gear selection control is not locked in “park” is permitted. Yes_____ No X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>The vehicle is equipped with an override device that permits key removal from the starting system when the transmission or gear selection control is not locked in “park”. Yes_____ No X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>If yes, select the type of override device equipped: Opaque Cover_______ No Cover___________</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Describe the override device design and mode of activation (if equipped):</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### FILL IN THE SECTION BELOW THAT APPLIES:

**OVERRIDE WITH AN OPAQUE COVER:**

- The opaque surface cover prevents sight of and use of override device. Yes_____ No ______
- The opaque surface cover can only be removed by using a screwdriver or other tool. Yes_____ No ______
- As a direct result of removing the key from starting system, the following is prevented: Steering_______ or Self-Mobility_______

**OVERRIDE WITH NO COVER**

- The override device requires the use of a tool to activate. Yes_____ No ______
- Simultaneous activation of the override device and removal of key from starting system is required. Yes_____ No ______
- As a direct result of removing the key from the starting system, the following is prevented: Steering_______ or Self-Mobility_______

### REMARKS:
### Requirement S5.2.4

<table>
<thead>
<tr>
<th>GEAR SELECTION CONTROL OVERRIDE DEVICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>The vehicle is equipped with an override device that allows the user to move the gear selection control from “park” after the key has been removed from the starting system. Yes X No X</td>
</tr>
</tbody>
</table>

If yes, select the type of override device that is equipped: Override operated with a:
- Key X
- Opaque Cover X
- No Cover X

Describe the override device design and mode of activation (if equipped): Push Button release located under removable storage tray which can be activated with a traditional key or screw driver.

#### Fill in the Section Below That Applies:

**OVERRIDE OPERATED WITH KEY:**

The key is required to operate the override device that allows the user to move the gear selection control from “park” after the key has been removed from the starting system. Yes X No X

**OVERRIDE WITH AN OPAQUE COVER**

The opaque surface cover prevents sight of and use of override device. Yes X No X

The opaque surface cover can only be removed by using a screwdriver or other tool. Yes X No X

As a direct result of removing the key from the starting system, the following is prevented:
- Steering X or Self-Mobility X

**OVERRIDE WITH NO COVER**

The override device requires the use of a tool to operate. Yes X No X

Simultaneous activation of the override device and removal of key from starting system is required. Yes X No X

As a direct result of removing the key from the starting system, the following is prevented:
- Steering or Self-Mobility

---

**Remarks:**

DATA SHEET 3 continued
VEHICLE FACING UPHILL ON 10% GRADE

With the gear selection control in “park” measure movement of the vehicle down the slope upon releasing the service brake.

Test grade: 15 % (9% to 15%)
Measured movement: 55 mm (150mm maximum)

NOTE: Repeat procedure if vehicle fails on grade in excess of 10%.

Test grade: ______ % (9% to 10%)
Measured movement: ______ mm (150 mm maximum)

VEHICLE FACING DOWNHILL ON 10% GRADE

With the gear selection control in “park” measure movement of the vehicle down the slope upon releasing the service brake.

Test grade: 15 % (9% to 15%)
Measured movement: 55 mm (150mm maximum)

NOTE: Repeat procedure if vehicle fails on grade in excess of 10%.

Test grade: ______ % (9% to 10%)
Measured movement: ______ mm (150 mm maximum)


### REQUIREMENTS S5.3

<table>
<thead>
<tr>
<th>VEHICLE FACING UPHILL ON 10% GRADE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>VEHICLE FACING UPHILL ON 10% GRADE</strong></td>
</tr>
<tr>
<td>With the key in the “off” position, the transmission will shift out of “park” without the service brake being applied. Yes______ No  X</td>
</tr>
<tr>
<td>With the key in the “acc” position, the transmission will shift out of “park” without the service brake being applied. Yes______ No  X</td>
</tr>
<tr>
<td>With the key in the “on” position (engine off), the transmission will shift out of “park” without the service brake being applied. Yes_____ No  X</td>
</tr>
<tr>
<td>With the key in the “start” position, the transmission will shift out of “park” without the service brake being applied. Yes_____ No  X</td>
</tr>
<tr>
<td>With the key in the “other” position (please specify), the transmission will shift out of “park” without the service brake being applied. Yes_____ No  X</td>
</tr>
<tr>
<td>Does the key stay between starting system positions without being held by operator? Yes_____ No  X</td>
</tr>
<tr>
<td>If so, please describe.</td>
</tr>
</tbody>
</table>

Brake force readings (force required to allow the transmission to shift out of “park”):

<table>
<thead>
<tr>
<th>The vehicle is equipped with adjustable pedals: Yes______ No  X</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Fore Position:</th>
<th>Aft Position (if applicable)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading 1  6.6 lbs.</td>
<td>Reading 1 ______</td>
</tr>
<tr>
<td>Reading 2  5.5 lbs.</td>
<td>Reading 2 ______</td>
</tr>
<tr>
<td>Reading 3  5.2 lbs.</td>
<td>Reading 3 ______</td>
</tr>
<tr>
<td>Reading 4  5.6 lbs.</td>
<td>Reading 4 ______</td>
</tr>
<tr>
<td>Reading 5  5.5 lbs.</td>
<td>Reading 5 ______</td>
</tr>
<tr>
<td>Avg. 5.68 lbs.</td>
<td>Avg. ______ x</td>
</tr>
</tbody>
</table>

**REMARKS:**

RECORDED BY:  G. Farrand  DATE:  03/22/10
APPROVED BY:  D. Messick
### SECTION 4
#### TEST EQUIPMENT LIST

<table>
<thead>
<tr>
<th>ITEM</th>
<th>MFR</th>
<th>MODEL</th>
<th>S/N</th>
<th>CAL. PERIOD</th>
<th>DATE OF NEXT CALIB.</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLR DIGITAL CAMERA</td>
<td>NIKON</td>
<td>D50</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>TIRE PRESSURE GAUGE</td>
<td>WESKLER</td>
<td>45-0/100</td>
<td>107</td>
<td>12 MO.</td>
<td>04/03/10</td>
<td></td>
</tr>
<tr>
<td>INCLINOMETER</td>
<td>MITUTOYO</td>
<td>PRO 360</td>
<td>950-315</td>
<td>N/A</td>
<td>BEFORE USE</td>
<td></td>
</tr>
<tr>
<td>STEEL TAPE</td>
<td>STANLEY</td>
<td>FAT MAX</td>
<td>33-890</td>
<td>12 MO.</td>
<td>03/29/10</td>
<td></td>
</tr>
<tr>
<td>WHEEL SCALES</td>
<td>INTERCOMP</td>
<td>SERIES 94</td>
<td>199744</td>
<td>12 MO.</td>
<td>03/02/11</td>
<td></td>
</tr>
<tr>
<td>WHEEL SCALES</td>
<td>INTERCOMP</td>
<td>SERIES 94</td>
<td>199744</td>
<td>12 MO.</td>
<td>03/02/11</td>
<td></td>
</tr>
<tr>
<td>WHEEL SCALES</td>
<td>INTERCOMP</td>
<td>SERIES 94</td>
<td>199744</td>
<td>12 MO.</td>
<td>03/02/11</td>
<td></td>
</tr>
<tr>
<td>WHEEL SCALES</td>
<td>INTERCOMP</td>
<td>SERIES 94</td>
<td>199744</td>
<td>12 MO.</td>
<td>03/02/11</td>
<td></td>
</tr>
<tr>
<td>SPRING SCALE</td>
<td>CHATILLON</td>
<td>DPP-10</td>
<td>4729</td>
<td>12 MO.</td>
<td>BEFORE USE</td>
<td></td>
</tr>
</tbody>
</table>
SECTION 5
PHOTOGRAPHS
2010 DODGE CHARGER SE
NHTSA NO. CA0302
FMVSS NO. 114

FIGURE 5.1
¼ FRONTAL VIEW FROM LEFT SIDE OF VEHICLE
2010 DODGE CHARGER SE
NHTSA NO. CA0302
FMVSS NO. 114

FIGURE 5.2
VEHICLE CERTIFICATION LABEL
**TIRE AND LOADING INFORMATION**

<table>
<thead>
<tr>
<th>Seating Capacity</th>
<th>Total 5</th>
<th>Front 2</th>
<th>Rear 3</th>
</tr>
</thead>
</table>

The combined weight of occupants and cargo should never exceed 392 kg or 865 lb.

<table>
<thead>
<tr>
<th>Tire Type</th>
<th>Front</th>
<th>Rear</th>
<th>Spare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Original Tire Size</td>
<td>P215/65R17</td>
<td>P215/65R17</td>
<td>T135/90D17</td>
</tr>
<tr>
<td>Cold Tire Inflation Pressure</td>
<td>210 kPa / 30 PSI</td>
<td>210 kPa / 30 PSI</td>
<td>420 kPa / 60 PSI</td>
</tr>
</tbody>
</table>

See owners manual for additional information.

**FIGURE 5.3**

VEHICLE TIRE INFORMATION LABEL
FIGURE 5.4
CLOSE-UP VIEW OF ELECTRONIC KEY FOB
FIGURE 5.5
WIRELESS IGNITION NODE (WIN) RECEPTACLE
FIGURE 5.7
TRANSMISSION GEAR SELECTION CONTROL
FIGURE 5.8
COVER OVER GEAR SELECTION RELEASE BUTTON
FIGURE 5.9
GEAR SELECTOR RELEASE BUTTON