FINAL REPORT NUMBER
401-NVS-08-003

SAFETY COMPLIANCE TESTING FOR
FMVSS 401
Interior Trunk Release

2008 Nissan Versa SL
NHTSA No.C85206

Prepared by:
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2/6/2008

FINAL REPORT

PREPARED FOR:
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ENFORCEMENT
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Accepted By: ______________________________________

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    NVS-220

15. Supplementary Notes

16. Abstract
    A compliance test was conducted on the subject 2008 Nissan Versa SL in accordance with the specifications of the Office of Vehicle Safety Compliance Test Procedure No. TP-401-01 for the determination of FMVSS 401 compliance. The test was conducted at by NHTSA Office of Vehicle Safety Compliance test engineers on 1/21/2008.

    Test Location:

    Test failures identified were as follows: NONE

17. Key Words
    Compliance Testing
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    FMVSS 401
    2008 Nissan Versa SL

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B. Vehicle Rear
C. Trunk Open
D. Vehicle Certification Label
E. Trunk Release Handle
F. Force Transducer Attached to Release Lever

6.0 VEHICLE OWNER'S MANUAL (applicable pages) 13
1.0 PURPOSE OF COMPLIANCE TEST

The purpose of this compliance test was to determine whether the subject vehicle meets the performance requirements of FMVSS 401, Interior Trunk Release.

The test was conducted in accordance with the U. S. Department of Transportation, National Highway Traffic Safety Administration's Laboratory Test Procedure TP-401-01.

The test was conducted at the NHTSA Office of Vehicle Safety Compliance test engineers on 1/21/2008.

Test Location:
2.0 TEST PROCEDURE AND DISCUSSION OF RESULTS

Based on the test performed, the subject vehicle appeared to meet the requirements of FMVSS 401.

The vehicle was tested by entering the trunk and closing the lid. The release slide lever was easily observed in the darkened, enclosed trunk. A force gauge was attached to the release handle and 3 separate attempts were made to exit the trunk by applying a load to the instrument. For each attempt, the trunk released from the single latching position at a force level of approximately newtons (lbs.) or less.
3.0 COMPLIANCE TEST DATA

DATA SHEET 1
FMVSS 401 - VEHICLE DESCRIPTION

VEHICLE MY/MAKE/MODEL/BODY STYLE: 2008 Nissan Versa SL
VEH. NHTSA NO.: C85206                     ; VIN: 3N2BC11E58L407684

DATE OF TEST: 1/21/2008                     TEST LAB: BY OVC @ DEALER

GVWR: 3770   LBS (KG)                       MANUFACTURED DATE: 11/07

TRUNK LOCATION: ☑ REAR  ☐ FRONT

If Front, Front Opening?

NUMBER OF TRUNK LID LATCHING POSITIONS: 1

INTERIOR TRUNK RELEASE: ☑ MANUAL  ☐ AUTOMATIC  ☐ BOTH

POWER OPERATED CLOSURE: N/A

OWNER'S MANUAL DESCRIPTION OF TRUNK RELEASE: ☑ YES  ☐ NO

REMOVABLE EQUIPMENT DELIVERED IN TRUNK:

☐ SPARE TIRE: (SIZE)  ☐ TIRE JACK:
☐ LUG WRENCH:
☐ TOOL BOX: (SIZE)
PARTITIONS:

OTHER:

______________________________________________

REMARKS:

______________________________________________

RECORDED BY: Andre Jones                     DATE: 1/21/2008

APPROVED BY: Harry Thompson
FMVSS 401 - All trunks except for front trunk compartments with front opening hoods
MANUAL TRUNK RELEASE OPERATION

VEHICLE MY/MAKE/MODEL/BODY STYLE: 2008 Nissan Versa SL
VEH. NHTSA NO.: C85206; VIN: 3N2BC11E58L407684
DATE OF TEST: 1/21/2008
Method used to actuate interior trunk release: Grab Handle
Other:

Can test personnel enter trunk and be closed within:  ○ Yes  ○ No
If Yes, size of occupant: At least 50th percentile male

Is there access to the trunk compartment by folding down rear seat or partition: ○ Yes  ○ No

Does Release Mechanism require electric power: ○ Yes  ○ No

Can release mechanism be easily seen inside the closed trunk: ○ Yes  ○ No

Describe method used by vehicle manufacturer to ensure that release mechanism is visible in a closed trunk compartment: Phosphorescence (Phosphorescence, auxiliary lighting, etc)

Describe laboratory test method used to determine visibility of release mechanism: Trunk Entry (Trunk entry, darkened room, etc.)

<table>
<thead>
<tr>
<th>Vehicle Stationary (0 km/h)</th>
<th>Force Required to Release Trunk Lid (Newton) [no requirement]</th>
<th>Trunk Released from All latching positions</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>NO KEY IN IGNITION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Attempt 1</td>
<td>10 Newtons</td>
<td>○ Yes  ○ No</td>
<td>○ Pass</td>
</tr>
<tr>
<td>Attempt 2</td>
<td>12 Newtons</td>
<td>○ Yes  ○ No</td>
<td>○ Pass</td>
</tr>
<tr>
<td>Attempt 3</td>
<td>11 Newtons</td>
<td>○ Yes  ○ No</td>
<td>○ Pass</td>
</tr>
<tr>
<td>Average -</td>
<td>11 Newtons</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
DATA SHEET 2 (2 of 2)

FMVSS 401 - MANUAL TRUNK RELEASE OPERATION (continued)

NOTE: Interior Trunk Release is a totally mechanical system with its operation and functioning not dependant upon engine operation or vehicle speed. The release mechanism will function identical to that of the stationary vehicle with the no key in the ignition (as previously tested) and thus the following tests were not required to be conducted.

<table>
<thead>
<tr>
<th>Vehicle Stationary (0 km/h)</th>
<th>Force Required to Release Trunk Lid (Newton) [no requirement]</th>
<th>Trunk Released from All latching positions</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGINE IDLING</td>
<td>☑ Not Applicable</td>
<td>☑ Yes ☑ No</td>
<td>☑ Pass ☑ Fail</td>
</tr>
<tr>
<td>Attempt 1</td>
<td></td>
<td></td>
<td>☑ Pass ☑ Fail</td>
</tr>
<tr>
<td>Attempt 2</td>
<td></td>
<td></td>
<td>☑ Pass ☑ Fail</td>
</tr>
<tr>
<td>Attempt 3</td>
<td></td>
<td></td>
<td>☑ Pass ☑ Fail</td>
</tr>
<tr>
<td>Average -</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vehicle Speed (km/h)</th>
<th>Force Required to Release Trunk Lid (Newton) [no requirement]</th>
<th>Trunk Released from All latching positions</th>
<th>Pass/Fail</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td></td>
<td>☑ Yes ☑ No</td>
<td>☑ Pass ☑ Fail</td>
</tr>
<tr>
<td>20</td>
<td></td>
<td>☑ Yes ☑ No</td>
<td>☑ Pass ☑ Fail</td>
</tr>
<tr>
<td>30</td>
<td></td>
<td>☑ Yes ☑ No</td>
<td>☑ Pass ☑ Fail</td>
</tr>
</tbody>
</table>

Describe method used to propel vehicle:

☑ Pass ☑ Fail

REMARKS:

______________________________

RECORDED BY: Andre Jones DATE: 1/21/2008

APPROVED BY: Harry Thompson
<table>
<thead>
<tr>
<th></th>
<th>PASS</th>
<th>FAIL</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatic or Manual release mechanism inside the trunk compartment. S4.1</td>
<td>☑️</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>If manual release, lighting feature is included. S4.2(a)</td>
<td>☑️</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>If automatic release, unlatches trunk lid within 5 minutes. S4.2(b)</td>
<td>☐</td>
<td>☑️</td>
<td>N/A</td>
</tr>
<tr>
<td>Except as provided by S4.3(b), actuation of release mechanism required by S4.1 completely releases trunk lid from all latching positions of the trunk lid latch. S 4.3(a)</td>
<td>☑️</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>For front trunk compartments, front opening hoods, when vehicle is stationary latch releases trunk lid from all locking positions. When moving forward at a speed less than 5km/h, must release the primary latch and may release all latches. At speeds greater than 5km/h must release the primary latch only. S4.3(b)</td>
<td>☐</td>
<td>☑️</td>
<td>N/A</td>
</tr>
</tbody>
</table>

☑️ Pass       ☐ Fail

RECORDED BY: Andre Jones                      DATE: 1/21/2008

APPROVED BY: Harry Thompson
### 4.0 - Test Equipment List and Calibration Information

<table>
<thead>
<tr>
<th>EQUIPMENT</th>
<th>DESCRIPTION</th>
<th>MODEL/SERIAL NO.</th>
<th>CALIBRATION DATE</th>
<th>NEXT CAL. DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Force Transducer</td>
<td>Viking Jr. Hanson</td>
<td>Model 890</td>
<td>Manufacturer</td>
<td>Manufacturer</td>
</tr>
<tr>
<td>Instrument</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
5.0 - Photographs
Trunk Open
MANUFACTURED BY NISSAN MOTOR CO., LTD.
DATE: 12/05. GVWR: 3549 LBS
GAWR FR: 1922 LBS  GAWR RR: 1688 LBS

THIS VEHICLE CONFORMS TO ALL APPLICABLE FEDERAL MOTOR
VEHICLE SAFETY, BUMPER AND THEFT PREVENTION STANDARDS
IN EFFECT ON THE DATE OF MANUFACTURE SHOWN ABOVE.
SEE OWNER'S MANUAL FOR ADDITIONAL INFORMATION.

VIN: 3N1CBS1D66L519333  PASSENGER CAR.
COLOR/TRIM  TRANS AXLE  ENGINE
823  X  'RE4F03B  FQ38  9G1BDE  1769 CC
MODEL: DATALCA-EUA  42000

3N1CBS1D66L519333
Force Transducer Attached to Release Handle
6.0 Vehicle Owner's Manual (applicable pages)