FlexPLI Durability Against Larger Vehicles

Action List Item 1. e) Evaluation of durability

5th IG GTR9-PH2 Meeting
6-7/December/2012
Japan Automobile Manufacturers Association (JAMA)
Pedestrian Safety Experts Group
Overview of NHTSA Pedestrian Activities
Sept. 17-18, 2012

FlexPLI: Durability

<table>
<thead>
<tr>
<th>Previous</th>
<th>Current</th>
<th>IWG Question</th>
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<tbody>
<tr>
<td>• Could only test softer bumper locations with early versions of Flex</td>
<td>• Tested more aggressive points on large range of vehicle sizes</td>
<td>• Would be helpful if labs could test aggressive points on larger vehicles to see how well FlexPLI holds up</td>
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<td>• Found good durability; only minor issues found (SAE G/I 2012)</td>
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FlexPLI Test Results Against Larger Vehicle

- American Mid-Size SUV
- Center Impact

Test results

There was no damage to FlexPLI after a test