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| Subject: | “WorldSID 50th Percentile Male Durability Assessment” | Date: |  |
|  |  | 09/13/2021 |
| From: | Cem Hatipoglu  Associate Administrator  Vehicle Safety Research |  |  |
|  |
| To: | Docket Number: NHTSA-2019-0108  WorldSID-50M Documentation |
|  |
| Through: | Deirdre R. Fujita  Acting Assistant Chief Counsel  for Vehicle Standards & Harmonization |

Attached is a report titled “WorldSID 50th Percentile Male Durability Assessment.” The purpose of this report is to document the durability assessment of the WorldSID 50th percentile male dummy when exposed to severe test conditions. In this assessment, the dummy was subjected to component qualification tests conducted at elevated energy levels. Prior to and following completion of the elevated energy tests, the dummy was exposed to baseline energy levels to help assess any possible changes in the dummy’s responses due to the elevated energy tests. Additionally, the components of the dummy were closely inspected after each test to determine if any damage occurred. This assessment demonstrated that the dummy exhibits good durability.

Attachment