**1- Package Content & Revision History**

**2018 Toyota UB80E Transmission**

The following is a listing of the contents of this Test Data Package along with the suggested citation format and revision history of the material. Use of any NCAT documents listed below, included as part of the complete test data package, should reference the suggested citation provided. Note that SAE Papers included in the package should utilize the designated SAE CITATION format.

**SUGGESTED CITATION:**

*2018 Toyota UB80E Transmission – Test Data Package*. Version 2020-07. Ann Arbor, MI: US EPA, National Vehicle and Fuel Emissions Laboratory, National Center for Advanced Technology, 2020.

**TEST PACKAGE CONTENTS:**

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| 1– Package Content & Revision History.docx | Brief overview document listing the contents, revision history & suggested citation format of the test data package |
| 2– Related NCAT Packages.docx | Listing of related NCAT Test Data and ALPHA Engine Map Packages |
| 3– 2018 Toyota UB80E Transmission – Test Report.docx | NCAT report outlining the test method & benchmarking results for mapping the transmission used in this testing |
| 4a– 2018 Toyota UB80E Transmission – Efficiency Test Data.xlsx | Transmission efficiency test results recorded as a function of gear, temperature, pressure, and speed |
| 4b– 2018 Toyota UB80E Transmission – Idle Speed Test Data.xlsx | Idle speed recorded for selected gears as a function of speed and torque |
| 4c– 2018 Toyota UB80E Transmission – Torque Converter Stall Test Data.xlsx | Transmission torque converter stall test results recorded in fifth gear, unlocked, dyno speed held constant, & sweeping input speed by ramping engine pedal request |
| 4d– 2018 Toyota UB80E Transmission – Coastdown Test Data.xlsx | Coastdown test data recorded as a function of speed and torque |
| 4e– 2018 Toyota UB80E Transmission – Temperature Test Data.xlsx | Transmission temperatures recorded for selected gears as a function of speed and torque |
| 5a– SAE 2020-01-1286.pdf | SAE paper outlining the test method and benchmarking test results for mapping the transmission |
| 5b– SAE 2019-01-0249.pdf | SAE paper outlining the test method and benchmarking test results for mapping the engine used to support this transmission testing |

**REVISION HISTORY:**

Version 2020-07: Initial release