

Input to the Technical Report for
Battery Durability
(Japan, EVE 27th, Geneva, 5
June 2018)

Reminder (Status of technical report on battery durability)

- The technical report on battery durability has been written by the leadership of US and Canada.
- Four approaches to evaluate the reduction of vehicle level performance due to battery degradation were proposed in this report.

Reminder (CPs' demands to EVE)

- Three contracting parties (EC, the US & Canada and Japan) suggest that there is a common demand on the durability for pollutant emissions of OVC-HEVs and NOVC-HEVs under the situation which the batteries were degraded.

Then, EVE continues its research on battery durability tackling of the technical difficulties e.g. setting an appropriate conditions for testing batteries. JRC kindly dedicates to share results of their research.

Input to the technical report

- As an interim approach, EVE could consider that the possibility of use of deterioration factor for pollutant emissions from OVC-HEVs and NOVC-HEVs under the situation which the batteries were degraded. For conventional gasoline ICE vehicles, the deterioration factor for pollutant emissions is available.
- In this case, clear explanations that the treatment systems for pollutant can be manageable with the degraded batteries should be provided.
- Japan would like to input descriptions to require manufacturers to provide such “clear explanations” to the technical report.