

UN GTR for In-Vehicle-Battery Durability
Proposal for Annex 2 (“Monitor Flag”) – Case A

Case A

UN GTR for In-Vehicle-Battery Durability

Current text in GTR Draft Annex 2 (“Monitor Flag”) – Case A

Cases A: where the monitor does not have enough data to produce an accurate value:

1. The vehicle has not done a full charge-discharge cycle during the last month

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OICA proposal for Annex 2 Case A

Cases A: where the monitor does not have enough data to produce an accurate value

The manufacturer shall update the estimated SOCE and SOCR as often as possible but only if the conditions required for an accurate determination are fulfilled. Those conditions cannot be set in a unique way since the algorithms for updating the estimated SOCE and SOCR are different for each manufacturer but the following parameters may be taken into account as e.g.:

- Charging window (partial charge/intensity/frequency)
- Duration between running and charging
- Battery resting time sufficient to avoid accumulative error
- Battery temperature

The manufacturer shall flag the estimated SOCE and SOCR if they have not been updated within [max. 30 days].

Each manufacturer shall provide instructions to make the flag off.