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## Run-In-Mileage for Annex 8 vehicles

### Distinction between vehicles with and without an Internal Combustion Engine

#### Current text

##### Annex 8 paragraph 2.1. → REESS preparation

For all OVC-HEVs, NOVC-HEVs, NOVC-FCHVs and PEVs, the following shall apply:

- (a) Without prejudice to the requirements of paragraph 2.3.3. of Annex 6, the vehicles tested according to this Annex shall have been run-in at least 300 km with those REESSs installed;
- (b) In the case that the REESSs are operated above the normal operating temperature range, the operator shall follow the procedure recommended by the vehicle manufacturer in order to keep the temperature of the REESS in its normal operating range. The manufacturer shall provide evidence that the thermal management system of the REESS is neither disabled nor reduced.

##### Annex 8 paragraph 2.2. → Fuel Cell System preparation

For NOVC-FCHVs without prejudice to the requirements of paragraph 2.3.3. of Annex 6, the vehicles tested to this Annex shall have been run-in at least 300 km with their fuel cell system installed.

##### Annex 6, paragraph 2.3.3. Run-In → ICE preparation

The vehicle shall be presented in good technical condition. It shall have been run-in and driven between 3,000 and 15,000 km before the test. The engine, transmission and vehicle shall be run-in in accordance with the manufacturer's recommendations.

# Run-In-Mileage for Annex 8 vehicles

## Distinction between vehicles with and without an Internal Combustion Engine

### Idea/proposal

#### Annex 8 paragraph 2.1. → Run-In (OVC-HEVs, NOVC-HEVs)

For all OVC-HEVs and NOVC-HEVs, the following shall apply:

- (a) Without prejudice to the requirements of paragraph 2.3.3. of Annex 6, OVC-HEVs and NOVC-HEVs tested according to this Annex shall have been run-in at least 300 km with those REESSs installed;
- (b) In the case that the REESSs are operated above the normal operating temperature range, the operator shall follow the procedure recommended by the vehicle manufacturer in order to keep the temperature of the REESS in its normal operating range. The manufacturer shall provide evidence that the thermal management system of the REESS is neither disabled nor reduced.

#### Annex 8 paragraph 2.2. → Run-In (FCHVs)

For all NOVC-FCHVs, the following shall apply:

- (a) NOVC-FCHVs tested according to this Annex shall have been run-in at least “x” km with their fuel cell system and those REESSs installed.
- (b) In the case that the fuel cell system and the REESSs are operated above the normal operating temperature range, the operator shall follow the procedure recommended by the vehicle manufacturer in order to keep the temperature of the fuel cell system and REESSs in its normal operating range. The manufacturer shall provide evidence that the thermal management system of the fuel cell system and REESSs is neither disabled nor reduced.

#### Annex 8 paragraph 2.3. → Run-In (PEVs)

For all PEVs, the following shall apply:

- (a) PEVs tested according to this Annex shall have been run-in at least “x” km with those REESSs installed.
- (b) In the case that the REESSs are operated above the normal operating temperature range, the operator shall follow the procedure recommended by the vehicle manufacturer in order to keep the temperature of the REESSs in its normal operating range. The manufacturer shall provide evidence that the thermal management system of the REESS is neither disabled nor reduced.