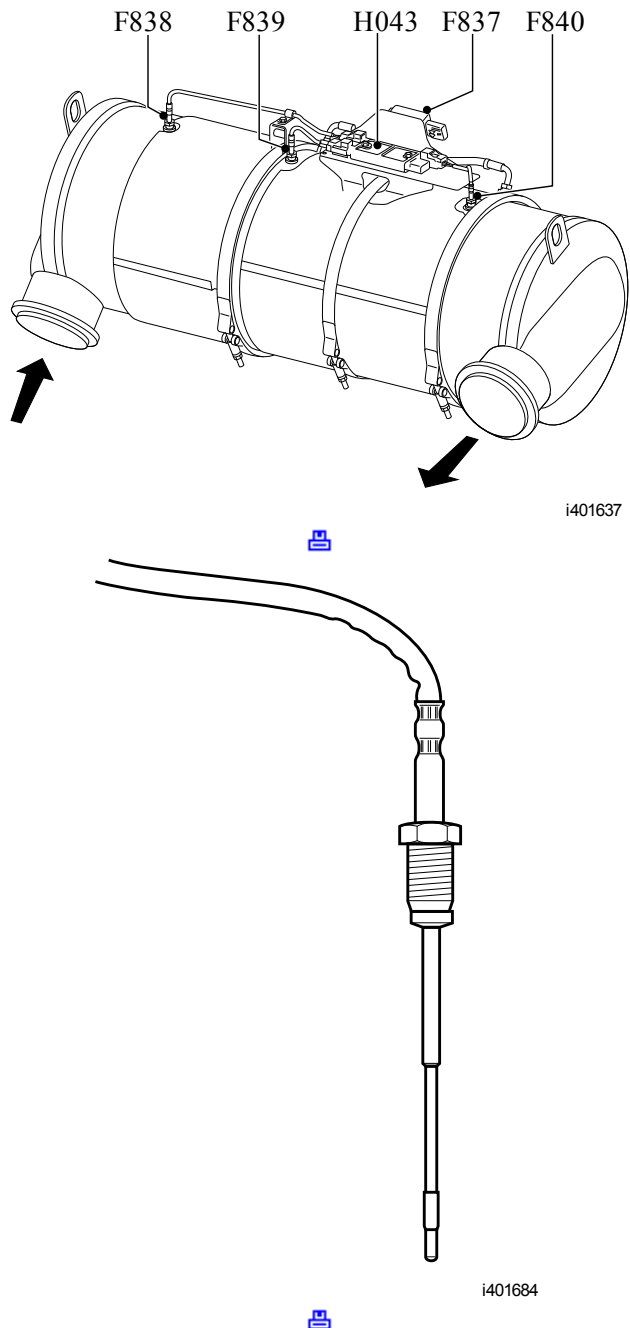


Sensor, exhaust temperature before DOC (F838)

The function of the exhaust temperature sensor before DOC (F838) is to measure the exhaust gas temperature before the DOC. A temperature sensor configured as an NTC (Negative Temperature sensor) is used for measuring the exhaust gas temperature. The resistance decreases as the temperature increases.

This data and the data from the temperature sensor before the DPF is used to calculate the temperature rise over the DOC.

The sensor is connected to the DOC/DPF temperature sensor interface H043.



Effect of the output signal on the system:

- Determination of whether regeneration could be started
- Calculation of the amount of fuel that must be injected
- Determination of whether the NOx sensor before the catalyst should be heated to the operating temperature

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