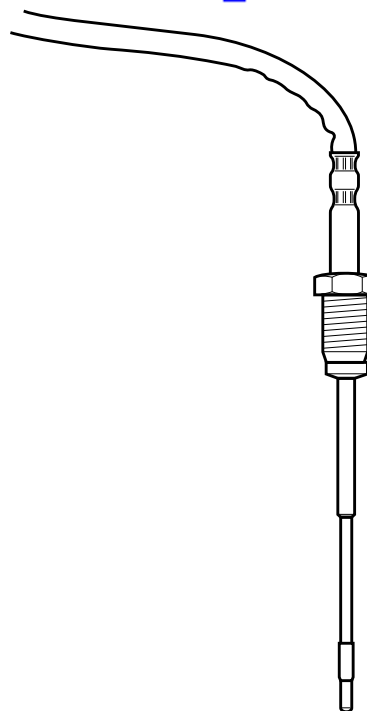
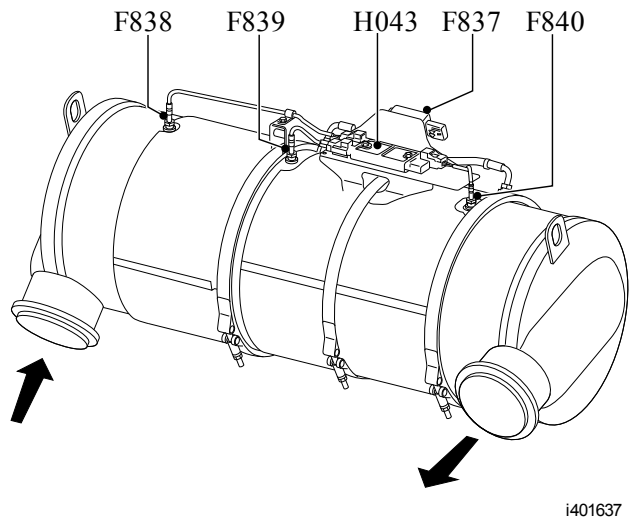


Sensor, exhaust temperature before DPF (F839)

The function of the exhaust temperature sensor before DPF (F839) is to measure the exhaust gas temperature before the DPF. 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 exhaust temperature sensor before DOC 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 has started
- Calculation of the amount of fuel that must be injected
- Check of the fuel dosing control
- Activation of the warning lamp if the exhaust temperature before the DPF is too high

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