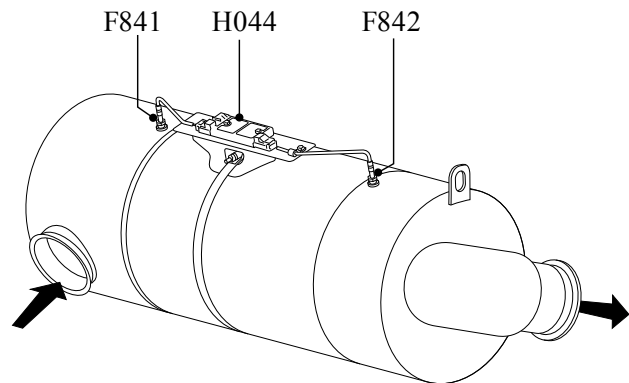


## Sensor, exhaust temperature before the SCR catalyst (F841)

The function of the exhaust temperature sensor before the SCR catalyst (F841) is to measure the exhaust gas temperature before the SCR catalytic converter. 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.

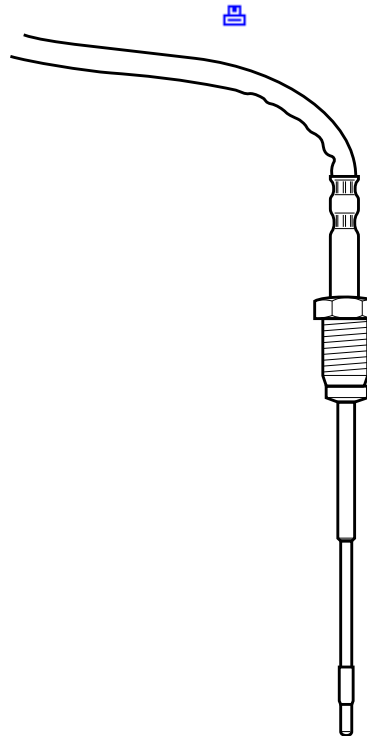
The sensor is connected to the catalyst temperature sensor interface H044.



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### Effect of the output signal on the system:

- Determination of, in combination with the exhaust gas temperature sensor after the SCR catalyst (F842), whether DEF should be injected
- Determination of, in combination with the exhaust gas temperature sensor after the SCR catalyst (F842), the quantity of DEF to be injected
- Determination of, in combination with the exhaust gas temperature sensor after the SCR catalyst (F842), whether a catalytic converter is detected



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