

## OIL TEMPERATURE SENSOR

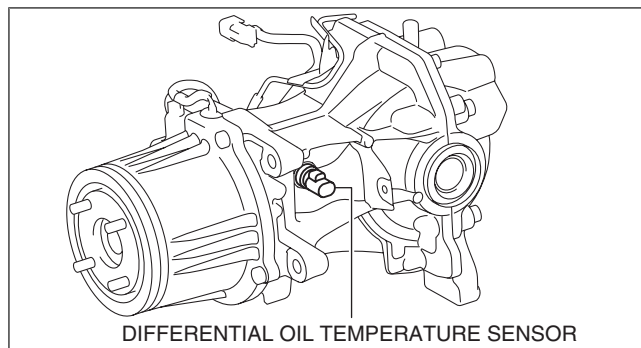
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### Purpose, Function

- The differential oil temperature sensor detects the rear differential oil temperature based on the resistance of the thermistor, and inputs it to the 4WD CM.

### Construction

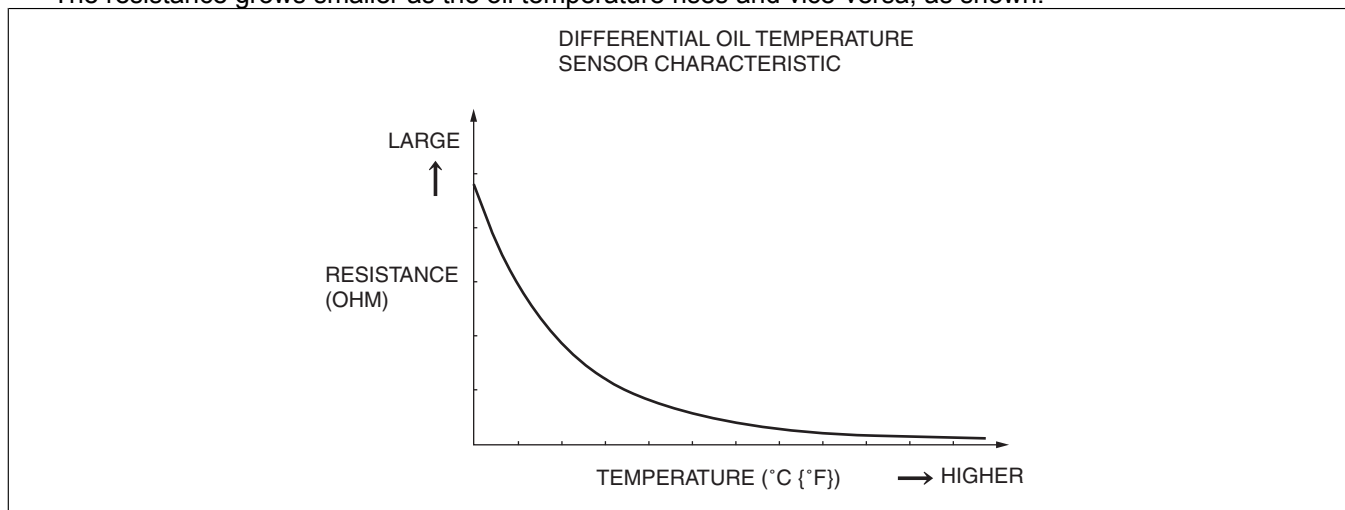
- The differential oil temperature sensor is installed in the rear differential carrier.



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### Operation

- The differential oil temperature sensor uses a thermistor whose resistance changes according to changes in the rear differential oil temperature.
- The resistance grows smaller as the oil temperature rises and vice-versa, as shown.



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### Fail-safe

DTC	Fail-safe
P1888:11 P1888:15	Control disabled.