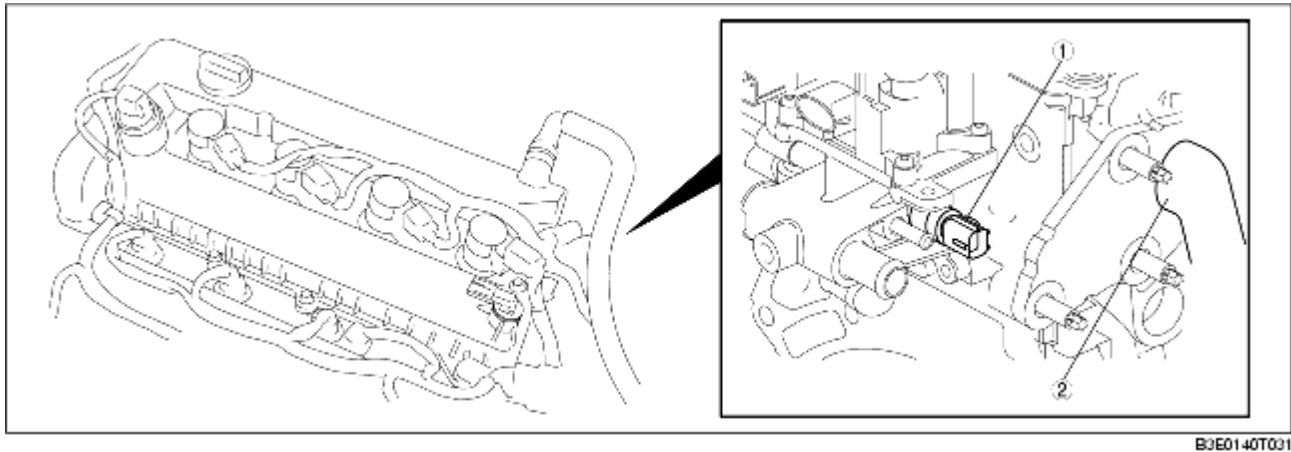


ENGINE COOLANT TEMPERATURE (ECT) SENSOR CONSTRUCTION/OPERATION [LF]

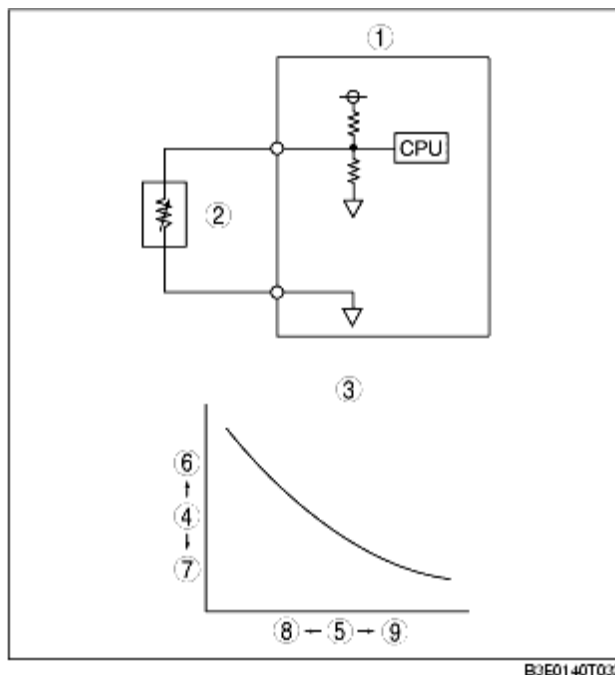
B3E014018840T06



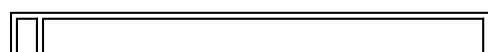
B3E0140T031

1	ECT sensor
2	Exhaust manifold

- Installed on the water bypass tube (directly below the ignition coil).
- The ECT is a thermistor type, the resistance changes according to the engine coolant temperature.



B3E0140T032



1	PCM
2	ECT sensor
3	ECT sensor resistance characteristic
4	Resistance
5	Engine coolant temperature
6	Large
7	Small
8	Low
9	High

- The resistance decreases if the engine coolant temperature increases, and increases if the engine coolant temperature decreases.