



3. (4A-FE (Ex. CALIF.) AND 3S-GTE)

INSPECT HEATER RESISTANCE OF OXYGEN SENSOR

Using an ohmmeter, measure the resistance between the terminals +B and HT.

Resistance (Cold): 5.1 – 6.3 k Ω at 20°C (68°F)

If the resistance is not as specified, replace the sensor.

Sub-Oxygen Sensor (5S-FE CALIF. only)

INSPECTION OF SUB-OXYGEN SENSOR

INSPECT SUB-OXYGEN SENSOR

HINT: Inspect it only when code No.27 is displayed.

- (a) Cancel diagnostic trouble code. (See page [FI-43](#))
- (b) Warm up the engine until it reaches normal operating temperature.
- (c) (M/T)
 - Drive for 5 minutes or more between 80 km/h (50 mph) and 100 km/h in 4th or 5th gear.
- (A/T)
 - Drive for 5 minutes or more between 80 km/h (50 mph) and 100 km/h (62 mph) in "D" position.
- (d) Following the conditions in step (c), press fully on the accelerator pedal for 2 seconds or more.
 - HINT: Do not exceed 100 km/h (62 mph), or diagnostic trouble code will be cancelled.
- (e) Stop the vehicle and turn the ignition switch OFF.
- (f) Carry out steps (b), (c) and (d) again to test acceleration.

If code No. 27 appears again, check the sub-oxygen sensor circuit. If the circuit is normal, replace the sub-oxygen sensor.