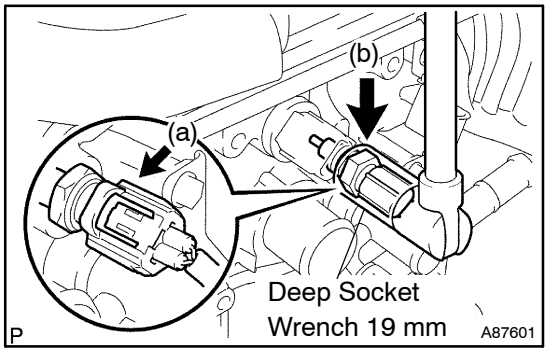
ENGINE COOLANT TEMPERATURE SENSOR (1NZ–FXE)

100MB–01

REPLACEMENT

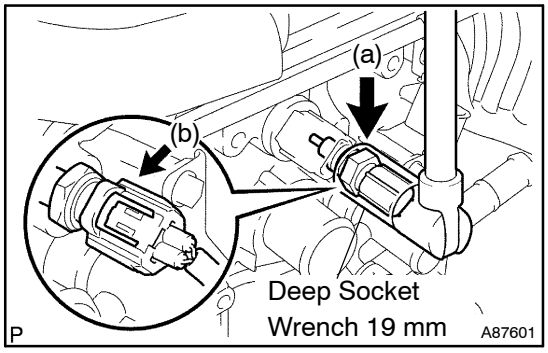
1. PRECAUTION (See page 21–8)
2. REMOVE RADIATOR SUPPORT OPENING COVER (See page 10–15)
3. REMOVE ENGINE UNDER COVER LH
4. REMOVE ENGINE UNDER COVER RH
5. DRAIN ENGINE COOLANT (See page 16–11)
6. DRAIN HV COOLANT (See page 22–4)
7. REMOVE REAR FLOOR BOARD NO.2 (See page 19–2)
8. REMOVE DECK FLOOR BOX REAR (See page 19–2)
9. REMOVE REAR FLOOR BOARD NO.3 (See page 19–2)
10. DISCONNECT ENGINE WIRE NO.3 (BATTERY NEGATIVE TERMINAL) (See page 19–2)
11. REMOVE SERVICE PLUG GRIP (See page 21–120)
12. WINDSHIELD WIPER ARM COVER
13. REMOVE FR WIPER ARM RH (See page 66–16)
14. REMOVE FR WIPER ARM LH (See page 66–16)
15. REMOVE HOOD TO COWL TOP SEAL (See page 66–16)
16. REMOVE COWL TOP VENTILATOR LOUVER LH (See page 66–16)
17. REMOVE COWL TOP VENTILATOR LOUVER RH (See page 66–16)
18. REMOVE WINDSHIELD WIPER LINK ASSY (See page 66–16)
19. REMOVE COWL TOP PANEL SUB–ASSY OUTER FRONT (See page 11–16)
20. REMOVE INVERTER COVER (See page 21–25)
21. VERIFY THAT VOLTAGE OF W/CONVERTER INVERTER ASSY IS 0V (See page 21–25)
22. DISCONNECT INVERTER COOLING HOSE NO.2 (See page 21–25)
23. DISCONNECT INVERTER COOLING HOSE NO.1 (See page 21–25)
24. DISCONNECT INVERTER COOLING HOSE NO.6 (See page 21–25)
25. REMOVE CIRCUIT BREAKER SENSOR NO.1 (See page 21–25)
26. DISCONNECT FRAME WIRE NO.2 (See page 21–25)
27. REMOVE W/CONVERTER INVERTER ASSY (See page 21–25)



28. **REMOVE ENGINE COOLANT TEMPERATURE SENSOR**

(a) Disconnect the engine coolant temperature sensor connector.

(b) Using a deep socket wrench 19 mm, remove the engine coolant temperature sensor and gasket.



29. REMOVE ENGINE COOLANT TEMPERATURE SENSOR

(a) Using a deep socket wrench 19 mm, install a new gasket and the engine coolant temperature sensor.
Torque: 20 N·m (200 kgf·cm, 14 ft·lbf)

(b) Connect the engine coolant temperature sensor connector.

30. INSTALL W/CONVERTER INVERTER ASSY (See page 21–25)
31. CONNECT FRAME WIRE NO.2 (See page 21–25)
32. INSTALL CIRCUIT BREAKER SENSOR NO.1 (See page 21–25)
33. CONNECT INVERTER COOLING HOSE NO.6
34. CONNECT INVERTER COOLING HOSE NO.1
35. CONNECT INVERTER COOLING HOSE NO.2
36. INSTALL INVERTER COVER (See page 21–25)
37. INSTALL COWL TOP PANEL SUB–ASSY OUTER FRONT (See page 11–16)
38. INSTALL WINDSHIELD WIPER LINK ASSY (See page 66–16)
39. INSTALL SERVICE PLUG GRIP (See page 21–120)
40. CONNECT ENGINE WIRE NO.3 (BATTERY NEGATIVE TERMINAL) (See page 19–2)
41. ADD ENGINE COOLANT (See page 16–11)
42. ADD HV COOLANT (See page 22–4)
43. CHECK FOR ENGINE COOLANT LEAKS (See page 16–2)
44. CHECK FOR HV COOLANT LEAKS
45. INSTALL COWL TOP VENTILATOR LOUVER RH
46. INSTALL COWL TOP VENTILATOR LOUVER LH
47. INSTALL HOOD TO COWL TOP SEAL
48. INSTALL FR WIPER ARM LH (See page 66–16)
49. INSTALL FR WIPER ARM RH (See page 66–16)
50. WINDSHIELD WIPER ARM COVER
51. INSTALL REAR FLOOR BOARD NO.3
52. INSTALL DECK FLOOR BOX REAR
53. INSTALL REAR FLOOR BOARD NO.2
54. INSTALL ENGINE UNDER COVER RH
55. INSTALL ENGINE UNDER COVER LH
56. INSTALL RADIATOR SUPPORT OPENING COVER
57. POWER WINDOW CONTROL SYSTEM INITIALIZE (See page 01–29)