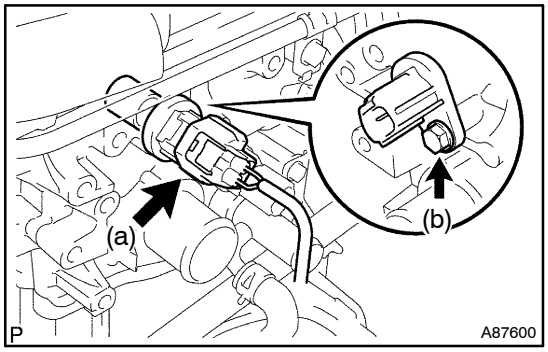
CAMSHAFT POSITION SENSOR (1NZ–FXE)

180B8–01

REPLACEMENT

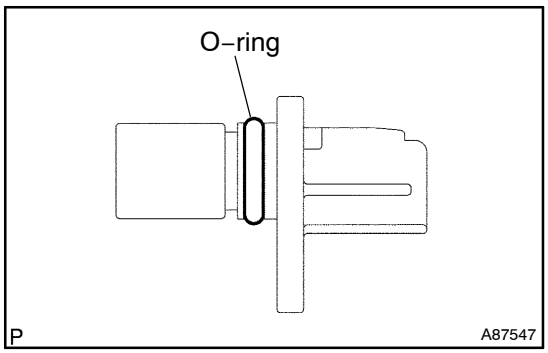
1. PRECAUTION (See page 21–8)
2. REMOVE RADIATOR SUPPORT OPENING COVER (See page 10–15)
3. REMOVE ENGINE UNDER COVER LH
4. REMOVE ENGINE UNDER COVER RH
5. DRAIN HV COOLANT (See page 22–4)
6. REMOVE REAR FLOOR BOARD NO.2 (See page 19–2)
7. REMOVE DECK FLOOR BOX REAR (See page 19–2)
8. REMOVE REAR FLOOR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



27. REMOVE CAMSHAFT POSITION SENSOR

(a) Disconnect the camshaft position sensor connector.

(b) Remove the bolt, then remove the camshaft position sensor.



28. INSTALL CAMSHAFT POSITION SENSOR

(a) Apply a light coat of engine oil to the O–ring of the camshaft position sensor.

(b) Install the camshaft position sensor with the bolt.

Torque: 8.0 N·m (82 kgf·cm, 71 in.·lbf)

NOTICE:

Be careful that the O–ring is not cracked or jammed when installing.

(c) Connect the camshaft position sensor connector.

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